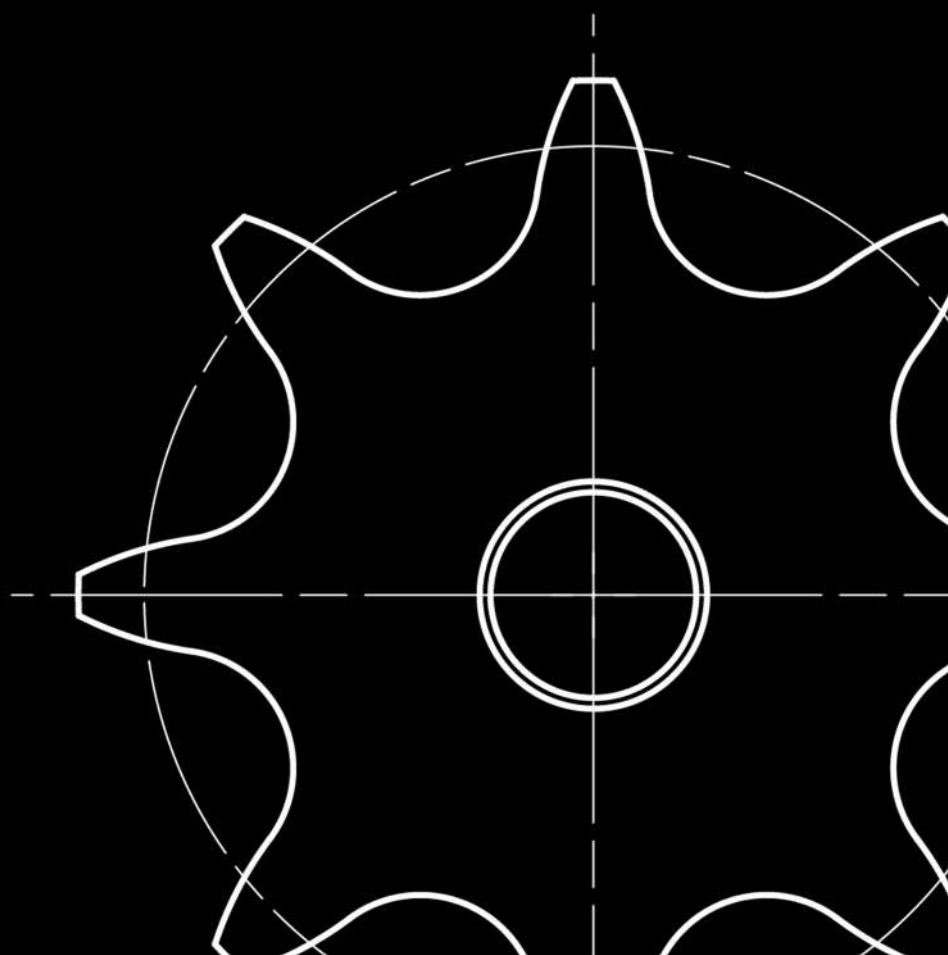




CATALOGO TRASMISSIONE APERTA OPEN TRANSMISSION CATALOGUE





Index

02	CHAIN SPROCKETS
52	PLATEWHEELS
96	CHAINS
136	POLYETHYLENE GUIDES
152	STRAIGHT SPUR GEAR AND RACKS
160	BEVEL GEARS
176	TIMING PULLEY
254	V-BELT PULLEYS
310	TIMING BARS, FLANGES FOR PULLEY, PLATE FOR TIMING BELT
330	TAPER BUSHES BRAND RCB®
340	CLAMPING ELEMENTS RCK®
360	GIFLEX®
398	COLLARS AND WASHERS
404	HOUSING BEARING UNIT



A 70 YEARS HISTORY

OUR ORIGINS

It was 1952 when Silvio Chiaravalli started crafting his dream of “building mechanisms to help mankind in its everyday life” in a small town between Milan and the Alps. 70 years have passed to today and his heritage is a global multi-sectorial group built upon the industrial foundations established in the post WWII Italian context.

Throughout the decades, the initial **FIP** (Fabbrica Ingranaggi Premezzo) evolved in Ingranaggi Chiaravalli, which became a stock company in the seventies supporting the constant expansion in terms of infrastructure and European market shares. During the eighties the company led the opening of the Italian market towards emerging countries production but in 1988 the founder suddenly left his family and his company, mourned by the entire town of Cavarina con Premezzo.

Silvio's sons Mario, the elder, and Anna, the younger, supported by their mother Mrs Carla, took over the Chiaravalli Ingranaggi putting in their best effort to withstand such a strong heritage. The following 15 years represents a unique history of growth and expansion for the company, which changed its naming in Chiaravalli Trasmissioni Spa to better represent a wider scope of business. These times saw in fact on one hand the establishment of centers and offices across Europe, from Spain to Poland, while on the other the acquisition of CC Lame, producer of Raspe Blades, the foundation of a dedicated company for the motorcycle production, Carat, and CP Group, an elite mechanical components producer.



INDUSTRIAL DIVISION

INDUSTRIAL SOLUTIONS

Across the years, the industrial components have always represented the core of the Group activity and today our offer is based on a strong set of services that support one of the **most complete range of products**.

In a logistic infrastructure that globally covers more than 30000 sq, standard transmission, drive belts, tensioners, bearings, inverters, worm screw jacks, right angle, gearboxes and motors find their perfect place.

Within the logistic area, find their place **assembly and configuring areas** dedicated to gearboxes, worm screw jacks and tensioners allowing Chiaravalli to effectively prepare the product as set up by the product teams to perfectly match the customers needs.

Thanks to a **strong technical know-how**, each product unit supports clients in best choosing and defining the components required for their application; this strong tie is key to provide the proper support to customer operating in extremely different sector like metallurgy, maritime crane, railways, mining, agriculture, heavy transportation, earth moving, oil & gas, alternative energies, lifts and escalators.

Chain sprockets

LEGEND

SPROCKET = *PIGNONE*

TOOTH RADIUS = *RAGGIO DENTE* = r_3

RADIUS = *RAGGIO* = C

SPROCKET TOOTH WIDTH = *LARGHEZZA DENTE PIGNONE* = $B_1 - b_1 - B_2 - B_3$

CHAIN = *CATENA*

PITCH = *PASSO*

INNER WIDTH = *LARGHEZZA INTERNA*

ROLLER DIAM = *RULLO*

Our company's range of chain sprockets provides an all-around solution to the industry's needs in the flexible mechanical transmissions sector. It is the result of a manufacturing process designed to achieve the highest technical and quality performance.

Our production program includes sprockets and wheels designed for chains, produced in compliance with the principles and the most recent Standards and International Unified Standards: UNI, ISO, DIN, ANSI, etc. However, the standards define a profile with both minimum and maximum dimensions for the wheel space for chains and rollers and the actual profile must lie within these values.

There is the option of selecting proportioning criteria for the profile since the tolerances that the Standards leave to the manufacturer's discretion are quite wide. The profiles can be optimized regarding smooth transmission and the tooth's capacity to support greater stresses.

This has led to the systematic development of a series of standardized profiles for which the geometry can be reproduced with great precision by tools designed specifically by computer the reference profile of which is protected by the Company's know-how.

A valued feature of this optimized profile, which is a characteristic exclusive to CHIARAVALLI GROUP SpA, is that of enhancing the "polygonal" chain wrap-around on the sprocket and the plate-wheel, reproducing the motion

discontinuity which is achieved even in the case of unfavorable transmission ratios and center distances.

As a result of this, CHIARAVALLI GROUP SpA has been able to include sprockets with a very low number of teeth in its catalogue and production program.

Respecting precision with limited machining errors is beneficial, even if the toothed wheel chain set represents a somewhat "basic" transmission solution.

This precision is assured by the systematic use of CNC machines and technologies developed to minimize the shearing stress and to improve the degree of the finished surface. The sprockets and wheels designed for chains included in the catalogue are also manufactured in the version with the "Taperlock" taper bush piece system particularly suggested for applications that require easy assembly and precise centering tolerances.

Our sales program is completed with single and multiple roller chains, as well as special chains suitable for every industrial application.

CHIARAVALLI GROUP SpA can manufacture sprockets and platewheels suitable for chains with specific executions, producing them based on drawings in any material, with induction hardening applied to steel wheels and sprockets.

Index

04	CHAIN SPROCKETS ISO
21	CHAIN SPROCKETS ASA
28	CHAIN SPROCKETS STAINLESS STEEL
30	SIMPLEX AND DOUBLE CHAIN SPROCKETS HARDENED HRC 45 ÷ 53
32	SIMPLEX CHAIN SPROCKETS WITH HARDENED TEETH WITH HOLE + KEYWAY + SCREW HOLES
42	CHAIN SPROCKETS TAPER LOCK®
46	CHAIN SPROCKETS CAST IRON 420/25 EN 1561
49	CHAIN SPROCKETS FOR CONVEYORS AND ELEVATORS
51	IDLER SPROCKETS



5x2,5 mm (03-B)

CHAIN SPROCKETS

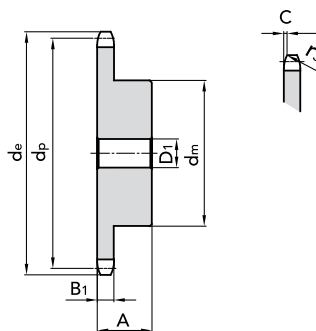
r_a 5,0 mm
 C 0,6 mm
 B_1 2,3 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 5,0 mm
Inner width 2,5 mm
Roller Ø 3,2 mm



Simple - Semplici 03B-1

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	15,20	13,06	10105008	7	4	10	0,01
9	16,80	14,62	10105009	8	4	10	0,01
10	18,30	16,18	10105010	9	4	10	0,01
11	19,90	17,75	10105011	11	5	10	0,01
12	21,50	19,32	10105012	12	5	10	0,01
13	23,00	20,89	10105013	14	5	10	0,01
14	24,60	22,47	10105014	15	5	10	0,02
15	26,20	24,04	10105015	16	5	10	0,02
16	27,80	25,63	10105016	18	6	13	0,02
17	29,40	27,20	10105017	18	6	13	0,03
18	30,90	28,79	10105018	18	6	13	0,03
19	32,50	30,38	10105019	18	6	13	0,03
20	34,10	31,96	10105020	18	6	13	0,03
21	35,70	33,54	10105021	20	8	13	0,04
22	37,30	35,13	10105022	20	8	13	0,04
23	38,90	36,72	10105023	20	8	13	0,04
24	40,50	38,30	10105024	20	8	13	0,04
25	42,00	39,89	10105025	20	8	13	0,04
26	43,60	41,48	10105026	25	8	15	0,05
27	45,20	43,07	10105027	25	8	15	0,07
28	46,80	44,65	10105028	25	8	15	0,07
29	48,40	46,25	10105029	25	8	15	0,07
30	50,00	47,83	10105030	25	8	15	0,07
31	51,60	49,42	10105031	30	8	15	0,10
32	53,20	51,01	10105032	30	8	15	0,10
33	54,80	52,60	10105033	30	8	15	0,10
34	56,30	54,19	10105034	30	8	15	0,10
35	57,90	55,78	10105035	30	8	15	0,11
36	59,50	57,37	10105036	30	8	15	0,11
37	61,10	58,96	10105037	30	8	15	0,11
38	62,70	60,54	10105038	30	8	15	0,11
39	64,30	62,13	10105039	30	8	15	0,12
40	65,90	63,73	10105040	30	8	15	0,12



6x2,8 mm (04-B)

CHAIN SPROCKETS

r_3 6,0 mm
C 0,7 mm
B₁ 2,6 mm

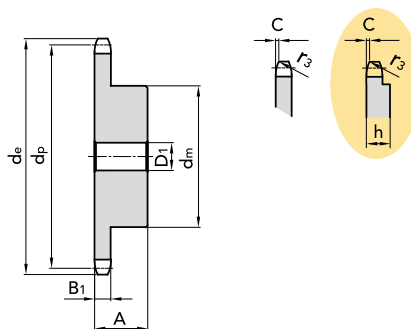
MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 6,0 mm
Inner width 2,8 mm
Roller Ø 4,0 mm

From **Z 57** to **Z 76** the width disk wheel is increased to **h = 4mm**



Simple - Semplici 04B-1						
Z	d _e	d _p	CODE	d _m	D ₁	A kg.
8	18,00	15,67	10106008	9,8	5	10 0,01
9	19,90	17,54	10106009	11,5	5	10 0,01
10	21,70	19,42	10106010	13	6	10 0,01
11	23,60	21,30	10106011	14	6	10 0,01
12	25,40	23,18	10106012	16	6	10 0,02
13	27,30	25,05	10106013	18	8	10 0,02
14	29,20	26,96	10106014	20	8	10 0,03
15	31,00	28,86	10106015	20	8	10 0,03
16	33,00	30,76	10106016	20	8	13 0,03
17	35,00	32,65	10106017	20	8	13 0,04
18	36,90	34,55	10106018	20	8	13 0,04
19	38,80	36,44	10106019	20	8	13 0,04
20	40,70	38,34	10106020	20	8	13 0,04
21	42,60	40,25	10106021	25	8	13 0,06
22	44,50	42,16	10106022	25	8	13 0,06
23	46,40	44,06	10106023	25	8	13 0,06
24	48,30	45,96	10106024	25	8	13 0,07
25	50,20	47,87	10106025	25	8	13 0,07
26	52,10	49,76	10106026	30	8	15 0,10
27	54,00	51,67	10106027	30	8	15 0,10
28	55,90	53,58	10106028	30	8	15 0,11
29	57,80	55,50	10106029	30	8	15 0,11
30	59,80	57,42	10106030	30	8	15 0,11
31	61,70	59,31	10106031	30	8	15 0,11
32	63,60	61,21	10106032	30	8	15 0,12
33	65,50	63,11	10106033	30	8	15 0,12
34	67,40	65,02	10106034	30	8	15 0,12
35	69,30	66,93	10106035	30	8	15 0,13
36	71,20	68,84	10106036	30	8	15 0,13
37	73,10	70,75	10106037	30	8	15 0,14
38	75,00	72,66	10106038	30	8	15 0,14
39	76,90	74,57	10106039	30	8	15 0,14
40	78,90	76,47	10106040	30	8	15 0,15
45	88,50	86,01	10106045	40	10	16 0,46
48	94,20	91,74	10106048	62	12	18 0,48
50	98,00	95,55	10106050	50	12	20 0,49
57	111,40	108,93	10106057	50	12	20 0,53
76	147,60	145,19	10106076	60	12	20 1,58



1/4"x1/8"

CHAIN SPROCKETS

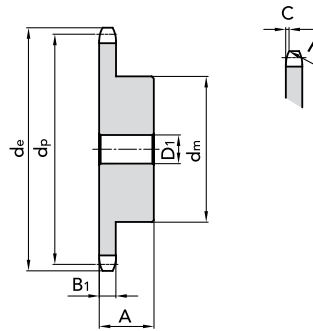
r_3 6,4 mm
 C 0,7 mm
 B_1 2,9 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 6,35 mm
Inner width 3,18 mm
Roller Ø 3,30 mm



Simple - Semplici

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	19,40	16,58	10107008	10	6	12	0,01
9	21,40	18,56	10107009	11,5	6	12	0,01
10	23,30	20,55	10107010	13	6	12	0,02
11	25,30	22,54	10107011	15	8	13	0,02
12	27,30	24,53	10107012	17	8	13	0,02
13	29,30	26,53	10107013	17	8	13	0,03
14	31,30	28,53	10107014	17	8	13	0,03
15	33,30	30,53	10107015	20	8	13	0,04
16	35,30	32,55	10107016	22	8	14	0,05
17	37,30	34,55	10107017	22	8	14	0,05
18	39,40	36,56	10107018	25	8	14	0,06
19	41,40	38,58	10107019	25	8	14	0,06
20	43,40	40,58	10107020	25	8	14	0,06
21	45,40	42,60	10107021	30	8	14	0,08
22	47,40	44,62	10107022	30	8	14	0,09
23	49,40	46,63	10107023	30	8	14	0,09
24	51,40	48,64	10107024	30	8	14	0,09
25	53,50	50,66	10107025	30	8	14	0,10
26	55,50	52,67	10107026	30	8	16	0,11
27	57,50	54,69	10107027	30	8	16	0,12
28	59,50	56,71	10107028	30	8	16	0,12
29	61,50	58,73	10107029	30	8	16	0,12
30	63,60	60,75	10107030	30	8	16	0,13
31	65,60	62,76	10107031	30	8	16	0,13
32	67,60	64,78	10107032	30	8	16	0,13
33	69,60	66,80	10107033	30	8	16	0,14
34	71,60	68,82	10107034	30	8	16	0,17
35	73,60	70,84	10107035	30	8	16	0,17
36	75,60	72,85	10107036	30	8	16	0,15
37	77,70	74,87	10107037	30	8	16	0,18
38	79,70	76,89	10107038	30	8	16	0,16
39	81,70	78,91	10107039	30	8	16	0,19
40	83,70	80,93	10107040	30	8	16	0,17





8x3mm (05-B)

CHAIN SPROCKETS

r_3	8,0 mm
C	1,0 mm
B_1	2,8 mm
b_1	2,7 mm
B_2	8,3 mm

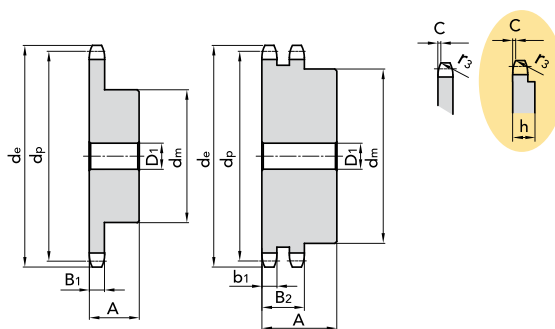
MATERIAL

MATERIAL C45 EN 10083

WELDED HUB - MOZZO SALDATO

CHAIN

Pitch	8,0 mm
Inner width	3,0 mm
Roller Ø	5,0 mm

From **Z 57** to **Z 76** the width disk wheel is increased to **h = 4mm**

Simple - Semplici 05B-1						
Z	d_e	d_p	CODE	d_m	D_1	A
8	24,00	20,90	10108008	13	6	12
9	26,60	23,39	10108009	15	6	12
10	29,20	25,89	10108010	17	8	12
11	31,70	28,39	10108011	18	8	13
12	34,20	30,91	10108012	20	8	13
13	36,70	33,43	10108013	23	8	13
14	39,20	35,95	10108014	25	8	13
15	41,70	38,48	10108015	28	8	13
16	44,30	41,01	10108016	30	8	14
17	46,80	43,53	10108017	30	8	14
18	49,30	46,07	10108018	30	8	14
19	51,90	48,61	10108019	30	8	14
20	54,40	51,14	10108020	30	8	14
21	57,00	53,68	10108021	35	8	14
22	59,50	56,21	10108022	35	8	14
23	62,00	58,75	10108023	35	8	14
24	64,60	61,29	10108024	35	8	14
25	67,50	63,83	10108025	35	8	14
26	69,50	66,37	10108026	40	10	16
27	72,20	68,91	10108027	40	10	16
28	74,80	71,45	10108028	40	10	16
29	77,30	73,99	10108029	40	10	16
30	79,80	76,53	10108030	40	10	16
31	82,40	79,08	10108031	40	10	16
32	84,90	81,61	10108032	40	10	16
33	87,50	84,16	10108033	40	10	16
34	90,00	86,70	10108034	40	10	16
35	92,50	89,25	10108035	40	10	16
36	95,00	91,79	10108036	40	10	16
37	97,60	94,33	10108037	40	10	16
38	100,20	96,88	10108038	40	10	16
39	102,70	99,42	10108039	40	10	16
40	105,30	101,97	10108040	40	10	16
45	118,00	114,69	10108045	60	12	20
48	125,6	122,32	10108048	60	12	20
50	130,70	127,41	10108050	60	12	20
57	148,60	145,22	10108057	80	14	20
76	197,70	193,59	10108076	80	20	25

Double - Doppi 05B-2				
CODE	d_m	D_1	A	kg.
10208008	12	6	18	0,02
10208009	15	6	18	0,03
10208010	17	8	18	0,03
10208011	19	10	18	0,04
10208012	21	10	18	0,05
10208013	24	10	18	0,07
10208014	26	10	18	0,08
10208015	29	10	18	0,10
10208016	32	10	20	0,13
10208017	34	10	20	0,15
10208018	37	10	20	0,17
10208019	39	10	20	0,20
10208020	40	10	20	0,21
10208021	40	10	20	0,25
10208022	40	10	20	0,26
10208023	40	10	20	0,28
10208024	40	10	20	0,23
10208025	40	10	20	0,31
10208026	50	12	22	0,38
10208027	50	12	22	0,40
10208028	50	12	22	0,42
10208029	50	12	22	0,44
10208030	50	12	22	0,45
10208031	60	12	22	0,58
10208032	60	12	22	0,59
10208033	60	12	22	0,62
10208034	60	12	22	0,64
10208035	60	12	22	0,65
10208036	60	12	22	0,67
10208037	60	12	22	0,71
10208038	60	12	22	0,72
10208039	60	12	22	0,74
10208040	60	12	22	0,77



3/8"x7/32" (06-B)

CHAIN SPROCKETS

r_3	10,0 mm
C	1,0 mm
B_1	5,3 mm
b_1	5,2 mm
B_2	15,4 mm
B_3	25,6 mm

CHAIN

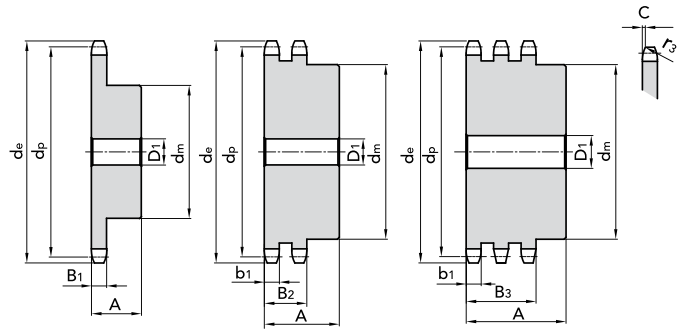
Pitch	9,525 mm
Inner width	5,72 mm
Roller Ø	6,35 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 06-B-1						
Z	d_e	d_p	CODE	d_m	D_1	A
8	28,54	24,89	10109008	15	8	22
9	31,50	27,85	10109009	18	8	22
10	34,47	30,82	10109010	20	8	22
11	37,46	33,81	10109011	22	8	25
12	40,45	36,80	10109012	25	8	25
13	43,45	39,80	10109013	28	10	25
14	46,45	42,80	10109014	31	10	25
15	49,46	45,81	10109015	34	10	25
16	52,47	48,82	10109016	37	10	28
17	55,49	51,84	10109017	40	10	28
18	58,50	54,85	10109018	43	10	28
19	61,52	57,87	10109019	45	10	28
20	64,54	60,89	10109020	46	10	28
21	67,56	63,91	10109021	48	12	28
22	70,58	66,93	10109022	50	12	28
23	73,60	69,95	10109023	52	12	28
24	76,62	72,97	10109024	54	12	28
25	79,65	76,00	10109025	57	12	28
26	82,67	79,02	10109026	60	12	28
27	85,70	82,05	10109027	60	12	28
28	88,72	85,07	10109028	60	12	28
29	91,75	88,10	10109029	60	12	28
30	94,77	91,12	10109030	60	12	30
31	97,80	94,15	10109031	65	14	30
32	100,83	97,18	10109032	65	14	30
33	103,85	100,20	10109033	65	14	30
34	106,88	103,23	10109034	65	14	30
35	109,91	106,26	10109035	65	14	30
36	112,94	109,29	10109036	70	16	30
37	115,97	112,32	10109037	70	16	30
38	118,99	115,34	10109038	70	16	30
39	122,02	118,37	10109039	70	16	30
40	125,05	121,40	10109040	70	16	30
42	131,11	127,46	10109042	80	16	35
45	140,20	136,55	10109045	80	16	35
48	149,29	145,64	10109048	80	16	35
50	155,34	151,69	10109050	80	16	35
57	176,56	172,91	10109057	80	16	35
60	185,65	182,00	10109060	80	16	35
76	234,14	230,49	10109076	80	20	35

Double - Doppi 06-B-2				
CODE	d_m	D_1	A	kg.
10209008	15	6	22	0,04
10209009	18	8	22	0,05
10209010	20	8	22	0,07
10209011	22	10	25	0,10
10209012	25	10	25	0,13
10209013	28	10	25	0,16
10209014	31	10	25	0,20
10209015	34	10	25	0,24
10209016	37	12	30	0,27
10209017	40	12	30	0,32
10209018	43	12	30	0,38
10209019	46	12	30	0,42
10209020	49	12	30	0,48
10209021	52	12	30	0,52
10209022	55	12	30	0,58
10209023	58	12	30	0,64
10209024	61	12	30	0,71
10209025	64	12	30	0,79
10209026	67	12	30	0,87
10209027	70	12	30	0,94
10209028	73	12	30	1,03
10209029	76	12	30	1,11
10209030	79	12	30	1,20
10209031	80	16	30	1,27
10209032	80	16	30	1,32
10209033	80	16	30	1,37
10209034	80	16	30	1,43
10209035	80	16	30	1,49
10209036	90	16	30	1,70
10209037	90	16	30	1,76
10209038	90	16	30	1,81
10209039	90	16	30	1,88
10209040	90	16	30	1,95
10209042	90	16	40	2,44
10209045	90	16	40	3,15
10209048	90	16	40	3,43
10209050	90	16	40	3,53
10209057	90	16	40	4,16
10209060	90	16	40	4,45
10209076	90	20	40	6,23

Triple - Tripli 06-B-3				
CODE	d_m	D_1	A	kg.
10309008	15	6	32	0,05
10309009	18	8	32	0,06
10309010	20	10	32	0,09
10309011	22	10	35	0,11
10309012	25	10	35	0,15
10309013	28	10	35	0,18
10309014	31	12	35	0,23
10309015	34	12	35	0,27
10309016	37	12	35	0,35
10309017	40	12	35	0,40
10309018	43	12	35	0,45
10309019	46	12	35	0,50
10309020	49	12	35	0,55
10309021	52	14	40	0,70
10309022	55	14	40	0,80
10309023	58	14	40	0,90
10309024	61	14	40	0,98
10309025	64	14	40	1,05
10309026	67	14	40	1,15
10309027	70	14	40	1,25
10309028	73	14	40	1,35
10309029	76	14	40	1,46
10309030	79	14	40	1,60
10309031	80	16	40	1,70
10309032	80	16	40	1,77
10309033	80	16	40	1,85
10309034	85	16	40	2,00
10309035	85	16	40	2,15
10309036	90	16	40	2,25
10309037	90	16	40	2,30
10309038	90	16	40	2,55
10309039	90	16	40	2,65
10309040	90	16	40	2,80
10309045	90	16	56	4,72
10309050	90	16	56	5,29
10309057	90	16	56	6,24
10309060	90	20	56	6,67
10309076	100	20	56	9,34



1/2"x1/8" (081)

CHAIN SPROCKETS

r_3 13 mm
 C 1,0 mm
 B_1 3,0 mm

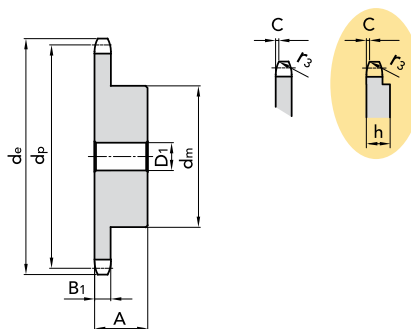
MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 12,7 mm
 Inner width 3,30 mm
 Roller Ø 7,75 mm

From **Z 31** the width disk wheel is increased to **h = 5mm**



Simple - Semplici 081

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	38,44	33,18	10110008	21	8	14	0,04
9	42,38	37,13	10110009	25	8	14	0,06
10	46,35	41,10	10110010	28	8	14	0,07
11	50,33	45,07	10110011	31	8	16	0,10
12	54,32	49,07	10110012	35	8	16	0,13
13	58,32	53,06	10110013	39	8	16	0,16
14	62,32	57,07	10110014	43	8	16	0,19
15	66,33	61,09	10110015	47	8	16	0,23
16	70,35	65,10	10110016	50	10	18	0,29
17	74,37	69,11	10110017	50	10	18	0,30
18	78,39	73,14	10110018	50	10	18	0,31
19	82,41	77,16	10110019	50	10	18	0,32
20	86,43	81,19	10110020	50	10	18	0,33
21	90,46	85,22	10110021	60	12	20	0,48
22	94,49	89,24	10110022	60	12	20	0,49
23	98,52	93,27	10110023	60	12	20	0,51
24	102,55	97,29	10110024	60	12	20	0,52
25	106,58	101,33	10110025	60	12	20	0,53
26	110,61	105,36	10110026	70	16	20	0,67
27	114,65	109,40	10110027	70	16	20	0,69
28	118,68	113,42	10110028	70	16	20	0,70
29	122,71	117,46	10110029	70	16	20	0,72
30	126,75	121,50	10110030	70	16	20	0,74
31	130,76	125,54	10110031	70	16	20	0,76
32	134,82	129,56	10110032	70	16	20	0,77
33	138,86	133,60	10110033	70	16	20	0,79
34	142,89	137,64	10110034	70	16	20	0,81
35	146,93	141,68	10110035	70	16	20	0,83
36	150,97	145,72	10110036	70	16	25	1,00
37	155,00	149,76	10110037	70	16	25	1,02
38	159,04	153,80	10110038	70	16	25	1,04
39	163,08	157,83	10110039	70	16	25	1,06
40	167,12	161,87	10110040	70	16	25	1,09



1/2"x3/16" (083/084)

CHAIN SPROCKETS

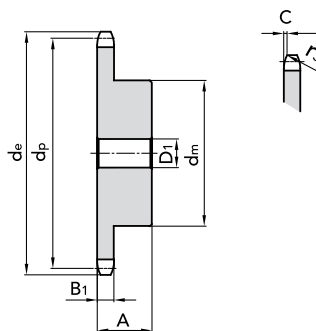
r_3 13,0 mm
 C 1,3 mm
 B_1 4,5 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 12,7 mm
Inner width 4,88 mm
Roller Ø 7,75 mm



Simple - Semplici 083/084

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
8	38,50	33,18	10111008	21	8	14	0,02
9	41,50	37,13	10111009	25	8	14	0,03
10	46,20	41,10	10111010	28	8	14	0,04
11	49,60	45,07	10111011	31	8	16	0,05
12	53,90	49,07	10111012	35	8	16	0,05
13	58,40	53,06	10111013	39	8	16	0,06
14	62,80	57,07	10111014	43	8	16	0,08
15	66,80	61,09	10111015	47	8	16	0,09
16	70,90	65,10	10111016	50	10	18	0,10
17	74,90	69,11	10111017	50	10	18	0,12
18	78,90	73,14	10111018	50	10	18	0,13
19	82,90	77,16	10111019	50	10	18	0,15
20	86,90	81,19	10111020	50	10	18	0,16
21	91,00	85,22	10111021	60	12	20	0,18
22	95,00	89,24	10111022	60	12	20	0,20
23	99,00	93,27	10111023	60	12	20	0,22
24	103,00	97,29	10111024	60	12	20	0,24
25	107,10	101,33	10111025	60	12	20	0,26
26	111,20	105,36	10111026	70	16	20	0,28
27	115,40	109,40	10111027	70	16	20	0,30
28	119,40	113,42	10111028	70	16	20	0,33
29	123,40	117,46	10111029	70	16	20	0,35
30	127,50	121,50	10111030	70	16	20	0,38
31	131,50	125,54	10111031	70	16	20	0,40
32	135,50	129,56	10111032	70	16	20	0,43
33	139,60	133,60	10111033	70	16	20	0,46
34	143,60	137,64	10111034	70	16	20	0,49
35	147,60	141,68	10111035	70	16	20	0,52
36	151,70	145,72	10111036	70	16	25	0,55
37	155,70	149,76	10111037	70	16	25	0,58
38	159,80	153,80	10111038	70	16	25	0,62
39	163,80	157,83	10111039	70	16	25	0,65
40	167,80	161,87	10111040	70	16	25	0,68





1/2"x1/4" RULLO 7.75 (085)

CHAIN SPROCKETS

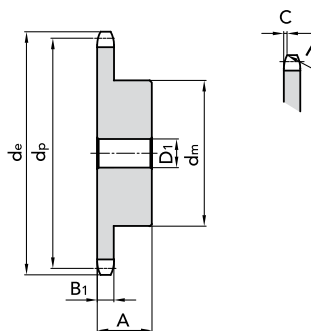
r_3 13,0 mm
C 1,3 mm
B₁ 5,9 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 12,7 mm
Inner width 6,40 mm
Roller Ø 7,75 mm



Simple - Semplici 085

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
15							
16							
17	74,37	69,11	10113017	52	8	28	0,51
21	90,46	85,22	10113021	68	8	28	0,83
22	94,49	89,24	10113022	70	8	28	0,90
23	98,52	93,27	10113023	70	8	28	0,94
25							
26	110,61	105,36	10113026	70	8	30	1,09
27							
28	118,68	113,42	10113028	70	10	30	1,13
29							
30	126,75	121,50	10113030	80	10	30	1,41
31	130,78	125,54	10113031	90	10	30	1,22
32							
33							
34	142,89	137,64	10113034	90	10	30	1,83
35	146,93	141,68	10113035	90	10	30	1,89
36	150,97	145,72	10113036	90	10	30	2,14
38	159,04	153,80	10113038	90	12	35	2,22
39							
40							



1/2"x1/4" RULLO 8.51 (085)

CHAIN SPROCKETS

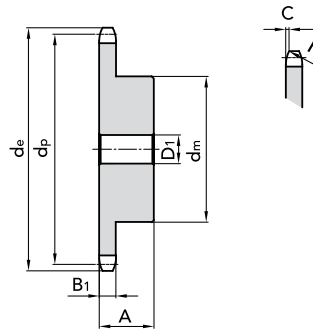
r_3 13,0 mm
 C 1,3 mm
 B_1 5,9 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch 12,7 mm
Inner width 6,40 mm
Roller Ø 8,51 mm



Simple - Semplici 085

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
8	37,68	33,19	10114008	20	8	25	0,45
9	41,62	37,13	10114009	24	8	25	0,48
11							
15	65,57	61,08	10114015	45	8	28	0,53
16							
17							
19	81,65	77,16	10114019	60	8	28	0,59
21							
22	93,73	89,24	10114022	70	10	28	0,78
23	97,76	93,27	10114023	70	10	28	0,91
25	105,82	101,33	10114025	70	10	28	0,98
26	109,85	105,36	10114026	70	10	30	1,01
27	113,89	109,40	10114027	70	10	30	1,04
28	117,92	113,43	10114028	70	10	30	1,18
29	121,95	117,46	10114029	80	10	30	1,25
30							
31	130,02	125,53	10114031	90	10	30	1,39
32	134,06	129,57	10114032	90	10	30	1,44
33	138,10	133,61	10114033	90	12	30	1,49
34							
35							
36	150,21	145,72	10114036	90	12	35	1,64
38	158,28	153,79	10114038	90	12	35	1,66
39							
40	166,36	161,87	10114040	90	12	35	1,78



1/2"x5/16" (08-B)

CHAIN SPROCKETS

r_3	13,0 mm
C	1,3 mm
B_1	7,2 mm
b_1	7,0 mm
B_2	21,0 mm
B_3	34,9 mm

CHAIN

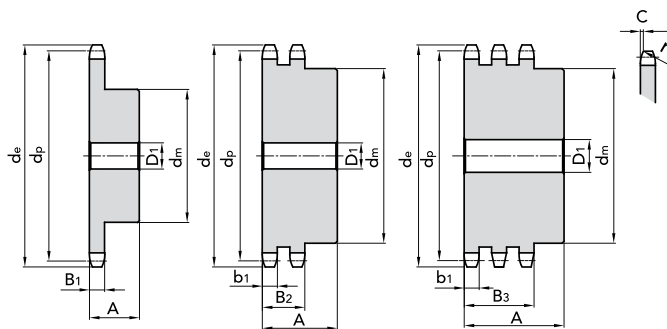
Pitch	12,7 mm
Inner width	7,75 mm
Roller Ø	8,51 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 08-B-1

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	37,68	33,18	10112008	20	10	25	0,06
9	41,62	37,13	10112009	24	10	25	0,09
10	45,59	41,10	10112010	26	10	25	0,12
11	49,57	45,07	10112011	29	10	25	0,15
12	53,56	49,07	10112012	33	10	28	0,21
13	57,56	53,06	10112013	37	10	28	0,26
14	61,56	57,07	10112014	41	10	28	0,32
15	65,57	61,09	10112015	45	10	28	0,38
16	69,59	65,10	10112016	50	12	28	0,46
17	73,61	69,11	10112017	52	12	28	0,51
18	77,63	73,14	10112018	56	12	28	0,59
19	81,65	77,16	10112019	60	12	28	0,67
20	85,67	81,19	10112020	64	12	28	0,76
21	89,70	85,22	10112021	68	12	28	0,85
22	93,73	89,24	10112022	70	12	28	0,91
23	97,76	93,27	10112023	70	14	28	0,95
24	101,79	97,30	10112024	70	14	28	0,98
25	105,82	101,33	10112025	70	14	28	1,01
26	109,85	105,36	10112026	70	16	30	1,09
27	113,89	109,40	10112027	70	16	30	1,13
28	117,92	113,42	10112028	70	16	30	1,17
29	121,95	117,46	10112029	80	16	30	1,42
30	125,99	121,50	10112030	80	16	30	1,46
31	130,02	125,54	10112031	90	16	30	1,74
32	134,04	129,56	10112032	90	16	30	1,78
33	138,10	133,60	10112033	90	16	30	1,83
34	142,13	137,64	10112034	90	16	30	1,88
35	146,17	141,68	10112035	90	16	30	1,93
36	150,21	145,72	10112036	90	16	35	2,22
37	154,24	149,76	10112037	90	16	35	2,27
38	158,28	153,80	10112038	90	16	35	2,32
39	162,32	157,83	10112039	90	16	35	2,38
40	166,36	161,87	10112040	90	16	35	2,43
42	174,43	169,94	10112042	90	20	40	2,80
45	186,50	182,06	10112045	90	20	40	3,10
48	198,67	194,18	10112048	90	20	40	3,30
50	206,75	202,26	10112050	90	20	40	3,50
57	235,03	230,54	10112057	90	20	40	4,10
60	247,15	242,66	10112060	90	20	40	4,30
76	311,81	307,32	10112076	90	25	40	5,80

Double - Doppi 08-B-2

CODE	d_m	D_1	A	kg.
10212008	20	10	32	0,09
10212009	24	10	32	0,13
10212010	28	10	32	0,18
10212011	32	12	35	0,24
10212012	35	12	35	0,30
10212013	38	12	35	0,36
10212014	42	12	35	0,44
10212015	46	12	35	0,52
10212016	50	14	35	0,63
10212017	54	14	35	0,73
10212018	58	14	35	0,85
10212019	62	14	35	0,97
10212020	66	14	35	1,10
10212021	70	16	40	1,29
10212022	70	16	40	1,37
10212023	70	16	40	1,46
10212024	75	16	40	1,64
10212025	80	16	40	1,82
10212026	85	20	40	2,02
10212027	85	20	40	2,12
10212028	90	20	40	2,34
10212029	95	20	40	2,56
10212030	100	20	40	2,79
10212031	100	20	40	2,87
10212032	100	20	40	3,00
10212033	100	20	40	3,13
10212034	100	20	40	3,26
10212035	100	20	40	3,40
10212036	110	20	40	3,54
10212037	110	20	40	3,69
10212038	110	20	40	3,84
10212039	110	20	40	4,00
10212040	110	20	40	4,15
10212042	110	20	50	5,67
10212045	110	20	50	6,26
10212048	110	20	50	6,75
10212050	110	20	50	7,17
10212057	110	25	50	8,65
10212060	110	25	50	9,35
10212076	110	25	56	13,3

Triple - Tripli 08-B-3

CODE	d_m	D_1	A	kg.
10312008	20	10	46	0,13
10312009	24	12	46	0,18
10312010	28	12	46	0,24
10312011	32	14	50	0,31
10312012	35	14	50	0,39
10312013	38	14	50	0,49
10312014	42	14	50	0,60
10312015	46	14	50	0,72
10312016	50	16	50	0,85
10312017	54	16	50	0,99
10312018	58	16	50	1,14
10312019	62	16	50	1,30
10312020	66	16	50	1,47
10312021	70	20	55	1,79
10312022	70	20	55	1,93
10312023	70	20	55	2,08
10312024	75	20	55	2,32
10312025	80	20	55	2,57
10312026	85	20	55	2,79
10312027	85	20	55	2,96
10312028	90	20	55	3,25
10312029	95	20	55	3,55
10312030	100	20	55	3,86
10312031	110	20	55	4,42
10312032	110	20	55	4,53
10312033	110	20	55	4,74
10312034	110	20	55	4,97
10312035	110	20	55	5,20
10312036	120	25	55	5,64
10312037	120	25	55	5,88
10312038	120	25	55	6,14
10312039	120	25	55	6,40
10312040	120	25	55	6,66
10312045	110	25	60	9,12
10312050	110	25	60	10,74
10312057	110	25	60	13,26
10312060	110	25	60	14,40
10312076	110	25	60	21,78



1"x17.02 mm (16-B)

CHAIN SPROCKETS

r_3	26,0 mm
C	2,5 mm
B_1	16,2 mm
b_1	15,8 mm
B_2	47,7 mm
B_3	79,6 mm

CHAIN

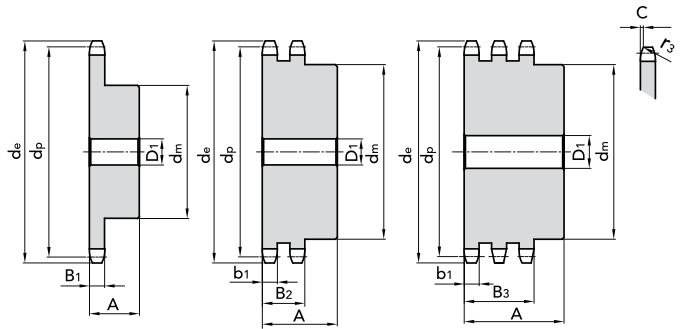
Pitch	25,40 mm
Inner width	17,02 mm
Roller Ø	15,88 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 16-B-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	77,49	66,37	10125008	42	16	35	0,47
9	85,38	74,26	10125009	50	16	35	0,66
10	93,32	82,20	10125010	55	16	35	0,83
11	101,28	90,16	10125011	61	16	40	1,14
12	109,26	98,14	10125012	69	16	40	1,43
13	117,26	106,14	10125013	78	16	40	1,77
14	125,27	114,15	10125014	84	16	40	2,08
15	133,29	122,17	10125015	92	16	40	2,46
16	141,32	130,20	10125016	100	20	45	3,14
17	149,35	138,23	10125017	100	20	45	3,33
18	157,39	146,27	10125018	100	20	45	3,56
19	165,44	154,32	10125019	100	20	45	3,78
20	173,49	162,37	10125020	100	20	45	4,03
21	181,54	170,42	10125021	110	20	50	5,01
22	189,60	178,48	10125022	110	20	50	5,28
23	197,66	186,54	10125023	110	20	50	5,56
24	205,72	194,60	10125024	110	20	50	5,86
25	213,78	202,66	10125025	110	20	50	6,16
26	221,84	210,72	10125026	120	20	50	6,96
27	229,91	218,79	10125027	120	20	50	7,30
28	237,98	226,86	10125028	120	20	50	7,64
29	246,05	234,93	10125029	120	20	50	8,00
30	254,12	243,00	10125030	120	20	50	8,38
31	262,19	251,07	10125031	120	25	50	8,69
32	270,26	259,14	10125032	120	25	50	9,09
33	278,33	267,21	10125033	120	25	50	9,50
34	286,40	275,28	10125034	120	25	50	9,93
35	294,48	283,36	10125035	120	25	50	10,36
36	302,55	291,43	10125036	120	25	50	10,81
37	310,63	299,51	10125037	120	25	50	11,28
38	318,70	307,58	10125038	120	25	50	11,76
39	326,78	315,66	10125039	120	25	50	12,25
40	334,86	323,74	10125040	120	25	50	12,75
42	351,01	339,89	10125042	125	25	70	16,54
45	375,24	364,12	10125045	125	25	70	18,15
48	399,48	388,36	10125048	125	25	70	19,86
50	415,64	404,52	10125050	125	25	70	20,89
57	472,20	461,08	10125057	125	30	70	25,52
60	496,45	485,33	10125060	125	30	70	27,76
76	625,76	614,64	10125076	140	30	80	42,97

Double - Doppi 16-B-2					
CODE	d_m	D_1	A	kg.	
10225008	42	16	65	0,81	
10225009	50	16	65	1,15	
10225010	56	16	65	1,52	
10225011	64	20	70	2,08	
10225012	72	20	70	2,60	
10225013	80	20	70	3,18	
10225014	88	20	70	3,82	
10225015	96	20	70	4,51	
10225016	104	20	70	5,17	
10225017	112	20	70	5,98	
10225018	120	20	70	6,84	
10225019	128	20	70	7,76	
10225020	130	20	70	8,52	
10225021	130	25	70	9,24	
10225022	130	25	70	10,00	
10225023	130	25	70	10,8	
10225024	130	25	70	11,64	
10225025	130	25	70	12,52	
10225026	130	25	70	13,43	
10225027	130	25	70	14,38	
10225028	130	25	70	15,38	
10225029	130	25	70	16,41	
10225030	130	25	70	17,48	
10225031	140	25	70	18,96	
10225032	140	25	70	20,10	
10225033	140	25	70	21,29	
10225034	140	25	70	22,21	
10225035	140	25	70	23,77	
10225036	140	25	70	25,07	
10225037	140	25	70	26,41	
10225038	140	25	70	27,79	
10225039	140	25	70	29,20	
10225040	140	25	70	30,65	
10225042	150	25	80	33,63	
10225045	150	25	80	38,44	
10225048	150	30	80	43,61	
10225050	150	30	80	47,25	
10225057	160	30	90	63,45	
10225060	160	30	90	70,00	
10225076	160	30	90	110,79	

Triple - Tripli 16-B-3				
CODE	d_m	D_1	A	kg.
10325008	42	20	95	1,19
10325009	50	20	95	1,68
10325010	56	20	95	2,24
10325011	64	25	100	2,86
10325012	72	25	100	3,62
10325013	80	25	100	4,45
10325014	88	25	100	5,37
10325015	96	25	100	6,37
10325016	104	30	100	7,45
10325017	112	30	100	8,60
10325018	120	30	100	9,84
10325019	128	30	100	11,16
10325020	130	30	100	12,36
10325021	130	30	100	13,56
10325022	130	30	100	14,82
10325023	130	30	100	16,15
10325024	130	30	100	17,53
10325025	130	30	100	18,99
10325026	130	30	100	20,34
10325027	130	30	100	21,92
10325028	130	30	100	23,57
10325029	130	30	100	25,27
10325030	130	30	100	27,05
10325031	140	30	100	29,23
10325032	140	30	100	31,13
10325033	140	30	100	33,10
10325034	140	30	100	35,13
10325035	140	30	100	37,23
10325036	140	30	100	39,39
10325038	140	30	100	43,90
10325040	140	30	100	48,67
10325045	160	30	100	63,94
10325050	160	30	100	78,58
10325057	180	40	110	103,03
10325076	180	40	110	181,86



1" 1/2x1" (24-B)

CHAIN SPROCKETS

r_3	38,0 mm
C	4,0 mm
B_1	24,1 mm
b_1	23,6 mm
B_2	72,0 mm
B_3	120,30 mm

CHAIN

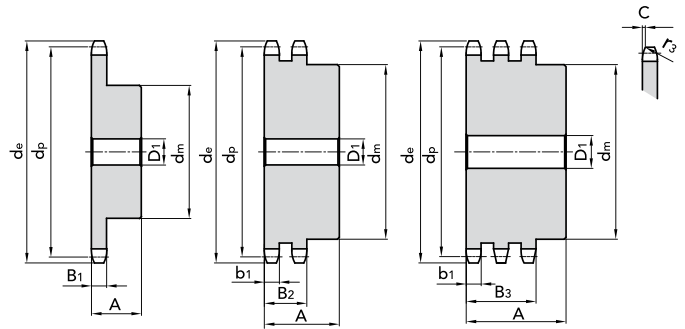
Pitch	38,1 mm
Inner width	25,4 mm
Roller Ø	25,4 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 24-B-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	115,00	99,55	10138008	58	20	45	1,38
9	126,40	111,40	10138009	70	20	45	1,90
10	138,00	123,29	10138010	80	20	45	2,47
11	150,00	135,21	10138011	90	25	50	3,27
12	162,00	147,22	10138012	102	25	50	4,09
13	174,20	159,18	10138013	114	25	50	5,00
14	186,20	171,22	10138014	128	25	50	6,09
15	198,20	183,25	10138015	140	25	50	6,84
16	210,30	195,30	10138016	140	25	55	8,20
17	222,30	207,34	10138017	140	25	55	8,87
18	234,30	219,42	10138018	140	25	55	9,59
19	246,50	231,49	10138019	140	25	55	10,36
20	258,60	243,57	10138020	140	25	55	11,16
21	270,60	255,65	10138021	150	25	60	13,35
22	282,70	267,72	10138022	150	25	60	14,24
23	294,80	279,80	10138023	150	25	60	15,18
24	306,80	291,88	10138024	150	25	60	16,16
25	319,00	304,00	10138025	150	25	60	17,19
26	331,00	316,08	10138026	160	30	60	18,25
27	343,20	328,19	10138027	160	30	60	19,37
28	355,20	340,27	10138028	160	30	60	20,52
29	367,30	352,38	10138029	160	30	60	21,72
30	379,50	364,50	10138030	160	30	60	22,97
31	391,60	376,62	10138031	160	30	60	21,25
32	403,70	388,71	10138032	160	30	60	25,59
33	415,80	400,81	10138033	160	30	60	26,96
34	427,80	412,93	10138034	160	30	60	28,38
35	440,00	425,04	10138035	160	30	60	29,84
36	452,00	437,16	10138036	160	30	60	31,34
37	464,20	449,27	10138037	160	30	60	32,90
38	476,20	461,39	10138038	160	30	60	34,49
39							
40	500,60	485,62	10138040	160	30	60	37,51
42	524,70	509,85	10138042	160	30	90	48,52
45	561,20	546,20	10138045	160	30	90	54,08
48	597,40	582,55	10138048	160	30	90	60,04
50	621,70	606,78	10138050	160	30	90	64,24
57	706,50	691,63	10138057	160	30	100	80,28
60	742,80	727,97	10138060	160	40	100	87,82
76	936,90	921,98	10138076	170	40	100	140,54

Double - Doppi 24-B-2					
CODE	d_m	D_1	A	kg.	
10238008	58	25	95	2,70	
10238009	70	25	95	3,79	
10238010	80	25	95	5,01	
10238011	90	25	100	6,62	
10238012	102	25	100	8,28	
10238013	114	25	100	10,13	
10238014	128	25	100	12,24	
10238015	140	25	100	14,08	
10238016	140	25	100	15,88	
10238017	150	25	100	17,80	
10238018	160	25	100	21,08	
10238019	160	25	100	23,26	
10238020	160	25	100	25,57	
10238021	160	25	100	28,01	
10238022	160	25	100	30,59	
10238023	160	25	100	33,29	
10238024	160	25	100	33,13	
10238025	160	25	100	39,09	
10238026	160	30	100	42,19	
10238027	160	30	100	45,41	
10238028	160	30	100	48,77	
10238029	160	30	100	52,26	
10238030	160	30	100	55,88	
10238031	170	30	100	59,19	
10238032	170	30	100	63,07	
10238033	170	30	100	67,08	
10238034	170	30	100	71,21	
10238035	170	30	100	75,49	
10238036	170	30	100	79,89	
10238037	170	30	100	84,43	
10238038	170	30	100	89,09	
10238040	170	30	100	98,98	
10238045	180	40	100	132,81	
10238050	180	40	100	162,65	
10238057	200	40	110	209,91	
10238076	220	40	120	373,88	

Triple - Tripli 24-B-3				
CODE	d_m	D_1	A	kg.
10338008	58	25	140	4,00
10338009	70	25	140	5,62
10338010	80	25	140	7,45
10338011	90	25	150	9,73
10338012	102	25	150	12,24
10338013	114	25	150	15,02
10338014	128	25	150	18,16
10338015	140	25	150	21,09
10338016	140	25	150	24,25
10338017	150	25	150	27,42
10338018	160	25	150	32,12
10338019	160	25	150	35,74
10338020	160	25	150	39,57
10338021	160	30	150	42,98
10338022	160	30	150	47,25
10338023	160	30	150	51,74
10338024	160	30	150	56,44
10338025	160	30	150	61,37
10338026	160	30	150	66,52
10338027	160	30	150	71,88
10338028	160	30	150	77,46
10338030	160	40	150	89,28
10338032	170	40	150	101,97
10338035	170	40	150	122,64
10338038	170	40	150	145,28
10338040	170	40	150	161,46
10338045	200	40	150	209,06
10338050	200	40	150	258,81
10338057	220	40	150	337,62
10338076	250	40	150	607,76



1" 3/4x1" 1/4 (28-B)

CHAIN SPROCKETS

r_3	44,0 mm
C	5,0 mm
B_1	29,4 mm
b_1	28,8 mm
B_2	88,4 mm
B_3	148,0 mm

CHAIN

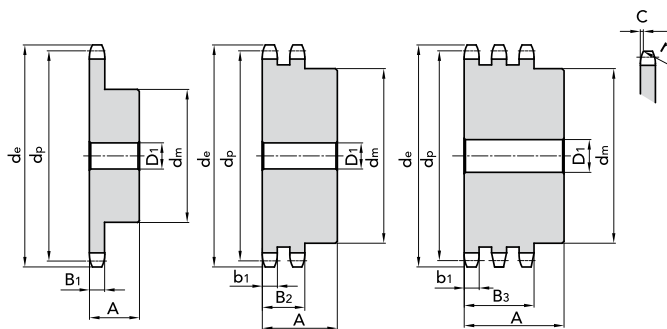
Pitch	44,45 mm
Inner width	30,99 mm
Roller Ø	27,94 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 28-B-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	132,00	116,15	10144008	74	25	70	2,86
9	148,40	129,96	10144009	88	25	70	4,00
10	162,30	143,85	10144010	100	25	70	5,18
11	176,30	157,77	10144011	112	25	70	6,51
12	189,50	171,74	10144012	125	25	70	8,04
13	204,20	185,74	10144013	130	25	70	8,88
14	218,20	199,76	10144014	140	25	70	9,79
15	232,30	213,79	10144015	145	25	70	10,77
16	246,30	227,84	10144016	160	30	75	14,96
17	260,00	241,91	10144017	160	30	75	16,09
18	274,00	255,98	10144018	160	30	75	17,28
19	289,00	270,06	10144019	160	30	75	18,56
20	303,00	284,15	10144020	160	30	75	19,90
21	317,00	298,24	10144021	170	30	75	21,31
22	331,00	312,34	10144022	170	30	75	22,80
23	345,00	326,44	10144023	170	30	75	24,36
24	359,00	340,55	10144024	170	30	75	26,00
25	373,00	354,66	10144025	170	30	75	27,70
26	387,00	368,77	10144026	170	30	75	29,48
27	401,40	382,88	10144027	170	30	75	31,36
28	416,00	397,00	10144028	170	30	75	33,26
29							
30	444,00	425,24	10144030	170	30	75	37,33
31							
32	472,00	453,49	10144032	180	30	75	43,59
33							
34	500,00	481,75	10144034	180	30	75	48,24
35	514,00	495,88	10144035	180	30	75	50,57
36	529,00	510,01	10144036	180	30	75	53,18
37							
38	557,00	538,27	10144038	180	30	75	58,40
39							
40	585,00	566,54	10144040	180	30	75	63,92
45	656,00	637,22	10144045	180	30	90	79,12
50	726,00	707,91	10144050	180	30	90	96,00
57	825,00	806,90	10144057	180	40	90	125,13
60	869,00	849,32	10144060	180	40	90	144,00
76	1.095,0	1.075,62	10144076	200	40	100	215,46

Double - Doppi 28-B-2					
CODE	d_m	D_1	A	kg.	
10244008	74	25	120	4,75	
10244009	88	25	120	6,66	
10244010	100	25	120	8,79	
10244011	112	25	120	11,79	
10244012	125	25	120	13,91	
10244013	130	25	120	16,25	
10244014	140	25	120	18,81	
10244015	145	25	120	22,64	
10244016	160	25	120	26,52	
10244017	160	30	120	29,74	
10244018	160	30	120	33,17	
10244019	180	30	120	38,14	
10244020	180	30	120	42,02	
10244021	180	30	120	49,10	
10244022	180	30	120	50,40	
10244023	180	30	120	54,92	
10244024	180	30	120	59,50	
10244025	180	30	120	64,62	
10244026	180	30	120	69,28	
10244028	180	30	120	80,28	
10244030	180	30	120	92,17	
10244035	200	30	120	127,17	
10244038	200	30	120	149,9	
10244040	200	30	120	167,15	
10244045	200	30	120	218,10	
10244050	200	30	120	267,99	
10244057	200	40	120	346,99	
10244076	250	40	130	615,35	

Triple - Tripli 28-B-3				
CODE	d_m	D_1	A	kg.
10344008	74	30	180	7,04
10344009	88	30	180	9,89
10344010	100	30	180	13,10
10344011	112	30	180	16,73
10344012	125	30	180	20,84
10344013	130	30	180	24,70
10344014	140	30	180	28,93
10344015	145	30	180	34,58
10344016	160	30	180	40,44
10344017	160	30	180	45,77
10344018	160	30	180	51,76
10344019	180	30	180	58,07
10344020	180	30	180	64,49
10344021	180	30	180	71,28
10344023	180	30	180	85,94
10344025	180	40	180	112,07
10344030	180	40	180	148,79
10344038	200	40	180	244,01
10344040	200	40	180	271,10
10344045	200	40	180	352,63
10344057	220	40	180	567,76
10344076	250	40	190	1024,97



2" x 1" 1/4 (32-B)

CHAIN SPROCKETS

r_3	51,0 mm
C	5,0 mm
B_1	29,4 mm
b_1	28,8 mm
B_2	87,4 mm
B_3	146,0 mm

CHAIN

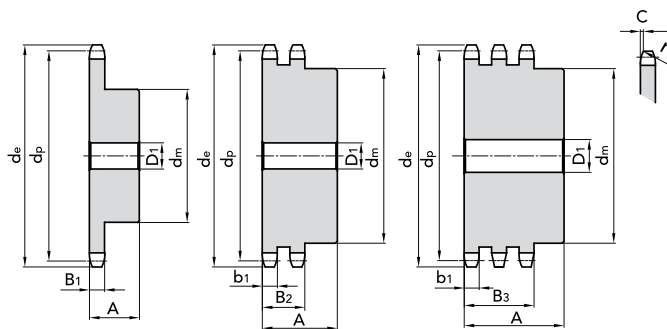
Pitch	50,80 mm
Inner width	30,99 mm
Roller Ø	29,21 mm

MATERIAL

MATERIAL C45 EN 10083
FOR MONOLITHIC CHAIN SPROCKETS

MATERIAL S235 JR EN 10025

WELDED HUB - MOZZO SALDATO



Simple - Semplici 32-B-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	153,20	132,69	10150008	82	25	80	4,20
9	169,00	148,54	10150009	88	25	80	5,78
10	185,00	164,44	10150010	104	25	80	7,60
11	200,80	180,34	10150011	120	30	80	9,26
12	216,80	196,29	10150012	133	30	80	10,91
13	232,80	212,29	10150013	145	30	80	13,05
14	248,80	228,29	10150014	160	30	80	14,25
15	264,80	244,30	10150015	160	30	80	15,53
16	280,90	260,40	10150016	160	30	90	19,87
17	296,90	276,40	10150017	170	30	90	21,35
18	313,00	292,55	10150018	170	30	90	22,92
19	329,10	308,66	10150019	170	30	90	24,53
20	345,20	324,71	10150020	180	30	90	28,50
21	361,30	340,82	10150021	180	30	90	30,36
22	377,50	356,98	10150022	180	30	90	32,31
23	393,60	373,08	10150023	180	30	90	34,36
24	409,70	389,18	10150024	180	30	90	36,50
25	425,80	405,33	10150025	180	30	90	38,74
26	441,90	421,44	10150026	180	30	90	41,07
27	458,10	437,58	10150027	180	30	90	46,01
28	474,20	453,69	10150028	180	30	90	46,01
29							
30	506,50	486,00	10150030	180	30	90	51,34
32	538,80	518,28	10150032	180	30	90	59,89
35	589,50	566,72	10150035	180	30	90	69,16
38	635,50	615,14	10150038	180	30	90	79,28
40	670,30	647,49	10150040	180	30	90	86,50
45	751,00	728,26	10150045	180	40	100	118,87
50	831,80	809,04	10150050	180	40	100	140,96
57	945,00	922,17	10150057	180	40	100	175,86
60	993,40	970,63	10150060	180	40	100	192,24
76	1.252,0	1.229,28	10150076	200	40	110	294,00

Double - Doppi 32-B-2					
CODE	d_m	D_1	A	kg.	
10250008	82	30	120	6,65	
10250009	88	30	120	9,14	
10250010	104	30	120	12,01	
10250011	120	30	120	14,75	
10250012	133	30	120	17,95	
10250013	145	30	120	21,68	
10250014	160	30	120	25,03	
10250015	160	30	120	29,30	
10250016	160	30	120	33,21	
10250017	180	30	120	38,76	
10250018	180	30	120	43,24	
10250019	200	30	120	49,52	
10250020	200	30	120	54,56	
10250021	200	30	120	59,87	
10250022	200	30	120	65,47	
10250023	200	30	120	71,35	
10250024	200	30	120	77,52	
10250025	200	30	120	83,66	
10250026	200	30	120	90,69	
10250027	200	30	120	98,50	
10250028	200	30	120	104,99	
10250030	200	30	120	120,41	
10250035	200	30	120	163,85	
10250038	200	40	120	193,33	
10250040	200	40	120	214,39	
10250045	200	40	120	282,32	
10250050	200	40	120	346,95	
10250057	220	40	120	449,27	
10250076	250	40	130	796,60	

Triple - Tripli 32-B-3				
CODE	d_m	D_1	A	kg.
10350008	82	30	180	9,90
10350009	88	30	180	13,65
10350010	104	30	180	17,97
10350011	120	30	180	22,22
10350012	133	30	180	27,23
10350013	145	30	180	32,98
10350014	160	30	180	38,50
10350015	160	30	180	45,04
10350016	160	30	180	51,50
10350017	180	30	180	61,45
10350018	180	30	180	68,85
10350019	200	30	180	76,73
10350020	200	30	180	85,07
10350021	200	40	180	93,89
10350023	200	40	180	112,93
10350025	200	40	180	133,86
10350030	200	40	180	194,42
10350038	200	40	180	316,22
10350045	200	40	180	456,64
10350050	200	40	180	564,27
10350057	250	40	180	734,72
10350076	250	40	190	1319,64



pitch 3/8" x 3/16" (06-A)

CHAIN SPROCKETS

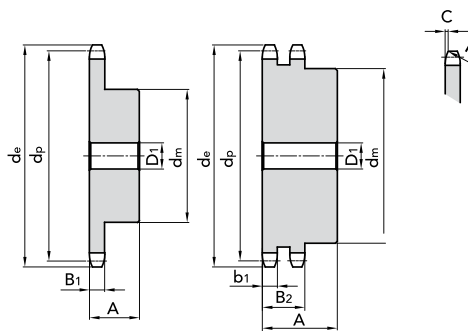
r_3	10,0 mm
C	1,2 mm
B_1	4,4 mm
b_1	4,3 mm
B_2	14,4 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

Pitch	9,525 mm
Inner width	4,77 mm
Roller Ø	5,08 mm



Simple - Semplici 06-A-1

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8							
9	31,50	27,85	11103009	18	8	20	0,05
10	35,70	30,82	11103010	20	8	22	0,05
11	38,69	33,80	11103011	22	8	25	0,08
12	41,68	36,80	11103012	25	8	25	0,10
13	44,68	39,80	11103013	28	10	25	0,12
14	47,68	42,80	11103014	31	10	25	0,15
15	50,69	45,81	11103015	34	10	25	0,19
16	53,70	48,82	11103016	37	10	28	0,24
17	56,72	51,83	11103017	38	10	28	0,28
18	59,73	54,85	11103018	38	10	28	0,32
19	62,75	57,87	11103019	46	10	28	0,36
20	65,77	60,89	11103020	46	10	28	0,38
21	68,79	63,91	11103021	46	10	28	0,41
22	71,81	66,93	11103022	52	12	28	0,45
23	74,83	69,95	11103023	52	12	28	0,49
24	77,85	72,97	11103024	52	12	28	0,54
25	80,88	76,00	11103025	58	12	28	0,60
26	83,90	79,02	11103026	58	12	28	0,66
27	86,93	82,04	11103027	58	12	28	0,67
28	89,95	85,07	11103028	60	12	28	0,68
30	96,00	91,12	11103030	60	12	28	0,71
31	97,9	94,15	11103031	65	14	30	0,87
32	100,9	97,17	11103032	65	14	30	0,86
33	103,9	100,20	11103033	65	14	30	1,13
34	106,9	103,23					
35	110,0	106,26	11103035	65	14	30	0,94
36	114,17	109,29	11103036	70	16	30	1,05
37	116,0	112,32	11103037	70	16	30	1,09
38	119,0	115,34	11103038	70	16	30	1,08
39	122,1	118,37	11103039	70	16	30	1,10
40							

Double - Doppi 06-A-2

CODE	d_m	D_1	A	kg.
11203010	20	8	22	0,15
11203011	22	10	25	0,15
11203013	28	10	25	0,16
11203014	31	10	25	0,19
11203015	34	10	25	0,23
11203016	37	12	30	0,27
11203017	40	12	30	0,31
11203018	43	12	30	0,36
11203019	46	12	30	0,42
11203020	49	12	30	0,42
11203021	52	12	30	0,51
11203022	55	12	30	0,57
11203023	58	12	30	0,64
11203024	61	12	30	0,71
11203025	64	12	30	0,78
11203026	67	12	30	0,78
11203027	70	12	30	0,94
11203028	73	12	30	1,02
11203031	80	16	30	1,02
11203032	80	16	30	1,31
11203034	80	16	30	1,42
11203035	80	16	30	1,48
11203038	90	16	30	1,48
11203039	90	16	30	1,48



pitch 1/2" x 5/16" (08-A)

CHAIN SPROCKETS

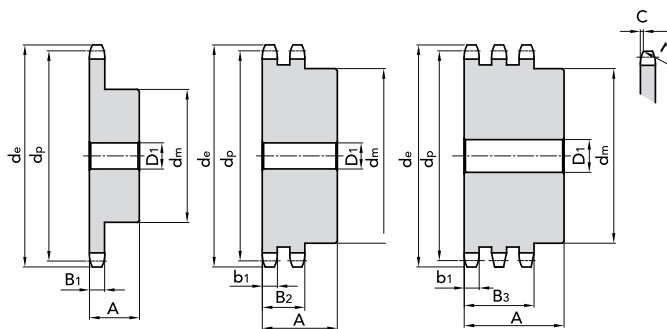
r_3	13,5 mm
C	1,6 mm
B_1	7,4 mm
b_1	7,2 mm
B_2	21,6 mm
B_3	36,0 mm

CHAIN

Pitch	12,70 mm
Inner width	7,94 mm
Roller Ø	7,94 mm

MATERIAL

MATERIAL C45 EN 10083



Simple - Semplici 08-A-1								Double - Doppi 08-A-2					Triple - Tripli 08-A-3				
Z	d_e	d_p	CODE	d_m	D_1	A	kg.	CODE	d_m	D_1	A	kg.	CODE	d_m	D_1	A	kg.
8	39,30	33,18	11104008	26	10	25	0,10										
10	47,66	41,10	11104010	29	10	25	0,12	11204010	28	10	32	0,19	11304010	28	14	50	0,24
11	51,64	45,08	11104011	35	10	28	0,14	11204011	32	12	35	0,29					
12	55,63	49,07	11104012	35	10	28	0,20	11204012	35	12	35	0,35	11304012	35	14	50	0,39
13	59,63	53,07	11104013	35	10	28	0,26	11204013	38	12	35	0,43	11304013	38	14	50	0,49
14	63,63	57,07	11104014	46	10	28	0,32	11204014	42	12	35	0,52	11304014	42	14	50	0,60
15	67,64	61,08	11104015	48	10	28	0,38	11204015	46	12	35	0,62	11304015	46	14	50	0,72
16	71,66	65,10	11104016	48	10	28	0,45	11204016	50	14	35	0,73	11304016	50	16	50	0,85
17	75,68	69,12	11104017	48	10	28	0,50	11204017	54	14	35	0,83	11304017	54	16	50	0,99
18	79,70	73,14	11104018	60	12	28	0,58	11204018	58	14	35	0,97	11304018	58	16	50	1,14
19	83,72	77,16	11104019	60	12	28	0,67	11204019	62	14	35	1,12	11304019	62	16	50	1,30
20	87,74	81,18	11104020	65	12	28	0,77	11204020	66	14	35	1,28	11304020	66	16	50	1,47
21	91,77	85,21	11104021	65	12	28	0,84	11204021	70	16	40	1,37	11304021	70	20	55	1,79
22	95,80	89,24	11104022	65	12	28	0,91	11204022	70	16	40	1,46	11304022	70	20	55	1,93
23	99,83	93,27	11104023	70	12	28	0,94	11204023	70	16	40	1,63	11304023	70	20	55	2,08
24	103,86	97,30	11104024	70	14	28	0,97	11204024	75	16	40	1,82	11304024	75	20	55	2,32
25	107,89	101,33	11104025	70	14	28	1,01	11204025	80	16	40	2,01	11304025	80	20	55	2,57
26	111,92	105,36	11104026	70	14	28	1,09	11204026	85	20	40	2,12	11304026	85	20	55	2,79
27	115,96	109,40	11104027	70	16	30	1,13	11204027	85	20	40	2,33	11304027	85	20	55	2,96
28	119,99	113,43	11104028	70	16	30	1,16	11204028	90	20	40	2,79	11304028	90	20	55	3,25
29																	
30	128,06	121,50	11104030	80	16	30	1,46	11204030	100	20	40	3,25					
31	132,00	125,53						11204031	100	20	40	3,33					
32	136,13	129,57	11104032	80	16	30	1,78										
33																	
34																	
35	148,24	141,68	11104035	90	16	30	1,92	11204035	100	20	40	3,60					
36	152,28	145,72	11104036	90	16	30	2,21										
37																	
38	160,35	153,79	11104038	90	16	35	2,32	11204038	100	20	40	3,84	11304038	120	25	55	6,14
39																	
40	168,43	161,87	11104040	90	16	35	2,43						11304040	120	25	55	6,66



pitch 5/8" x 3/8" (10-A)

CHAIN SPROCKETS

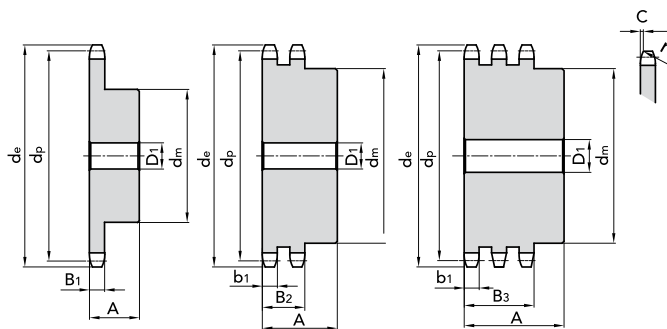
r_3	17,0 mm
C	2,0 mm
B_1	9,0 mm
b_1	8,8 mm
B_2	26,9 mm
B_3	45,0 mm

CHAIN

Pitch	15,875 mm
Inner width	9,52 mm
Roller Ø	10,16 mm

MATERIAL

MATERIAL C45 EN 10083
SIMPLE SPROCKETS CORRESPOND TO
5/8 PITCH ISO SPROCKETS



Simple - Semplici 10-A-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	47,00	41,48	10115008	25	10	25	0,12
9	52,60	46,42	10115009	30	10	25	0,16
10	57,50	51,37	10115010	35	10	25	0,22
11	63,00	56,34	10115011	37	12	30	0,29
12	68,00	61,34	10115012	42	12	30	0,37
13	73,00	66,32	10115013	47	12	30	0,46
14	78,00	71,34	10115014	52	12	30	0,56
15	83,00	76,36	10115015	57	12	30	0,67
16	88,00	81,37	10115016	60	12	30	0,76
17	93,00	86,39	10115017	60	12	30	0,88
18	98,00	91,42	10115018	70	14	30	1,01
19	103,30	96,45	10115019	70	14	30	1,15
20	108,40	101,49	10115020	75	14	30	1,21
21	113,40	106,52	10115021	75	16	30	1,35
22	118,00	111,55	10115022	80	16	30	1,41
23	123,40	116,58	10115023	80	16	30	1,47
24	128,30	121,62	10115024	80	16	30	1,54
25	134,00	126,66	10115025	80	16	30	1,60
26	139,00	131,70	10115026	85	20	35	1,96
27	144,00	136,75	10115027	85	20	35	2,04
28	148,70	141,78	10115028	90	20	35	2,25
29	153,80	146,83	10115029	90	20	35	2,33
30	158,80	151,87	10115030	90	20	35	2,41
31	163,90	156,92	10115031	95	20	35	2,64
32	168,90	161,95	10115032	95	20	35	2,73
33	174,50	167,00	10115033	95	20	35	2,82
34	179,00	172,05	10115034	95	20	35	2,92
35	184,10	177,10	10115035	95	20	35	3,01
36	189,10	182,15	10115036	100	20	35	3,27
37	194,20	187,20	10115037	100	20	35	3,37
38	199,20	192,24	10115038	100	20	35	3,47
39	204,20	197,29	10115039	100	20	35	3,58
40	209,30	202,34	10115040	100	20	35	3,69

Double - Doppi 10-A-2					
CODE	d_m	D_1	A	kg.	
11205013	49	14	40	0,67	
11205014	54	14	40	0,82	
11205015	59	14	40	0,97	
11205016	64	16	45	1,25	
11205017	69	16	45	1,45	
11205018	74	16	45	1,56	
11205019	79	16	45	1,67	
11205020	84	16	45	2,14	
11205021	85	16	45	2,27	
11205022	90	16	45	2,54	
11205023	95	16	45	2,81	
11205024	100	16	45	3,11	
11205025	105	16	45	3,14	

Triple - Tripli 10-A-3					
CODE	d_m	D_1	A	kg.	
11305012	44	16	55	0,54	
11305013	49	16	55	0,67	
11305014	54	16	55	0,82	
11305015	59	16	55	0,97	
11305016	64	16	60	1,25	
11305017	69	16	60	1,45	
11305018	74	16	60	1,56	
11305019	79	16	60	1,67	
11305020	84	16	60	2,14	
11305021	85	20	60	2,27	
11305022	90	20	60	2,54	
11305023	95	20	60	2,81	
11305024	100	20	60	3,11	
11305025	105	20	60	3,14	
11305026	110	20	60	3,74	
11305027	110	20	60	3,94	
11305028	115	20	60	4,28	



pitch 3/4" x 1/2" (12-A)

CHAIN SPROCKETS

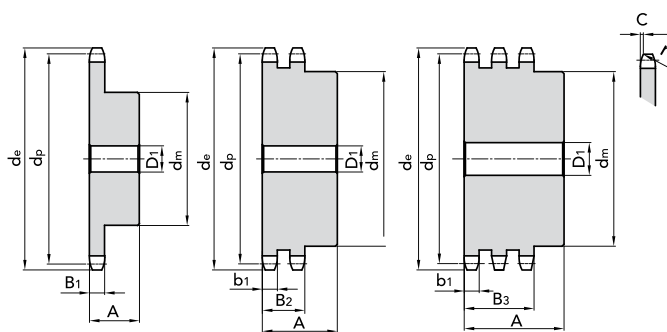
r_3	20,0 mm
C	2,4 mm
B_1	12,0 mm
b_1	11,8 mm
B_2	34,6 mm
B_3	57,4 mm

CHAIN

Pitch	19,05 mm
Inner width	12,70 mm
Roller Ø	11,91 mm

MATERIAL

MATERIAL C45 EN 10083



Simple - Semplici 12-A-1								Double - Doppi 12-A-2					Triple - Tripli 12-A-3				
Z	d_e	d_p	CODE	d_m	D_1	A	kg.	CODE	d_m	D_1	A	kg.	CODE	d_m	D_1	A	kg.
10	71,54	61,64	11106010	42	12	30	0,38	11206010	42	12	45	0,58	11306010	42	16	65	0,86
11	77,51	67,61	11106011	45	12	30	0,50	11206011	47	16	50	0,80					
12	83,49	73,61	11106012	45	12	30	0,64	11206012	53	16	50	1,01	11306012	53	20	70	1,47
13	89,49	79,59	11106013	60	14	35	0,80	11206013	59	16	50	1,24	11306013	59	20	70	1,78
14	95,50	85,61	11106014	60	14	35	0,97	11206014	65	16	50	1,45	11306014	65	20	70	2,16
15	101,52	91,63	11106015	60	14	35	1,16	11206015	71	16	50	1,73	11306015	71	20	70	2,52
16	107,54	97,65	11106016	75	16	35	1,34	11206016	77	20	50	2,03	11306016	77	20	70	2,93
17	113,56	103,67	11106017	75	16	35	1,53	11206017	83	20	50	2,35	11306017	83	20	70	3,44
18	119,59	109,71	11106018	75	16	35	1,61	11206018	89	20	50	2,70	11306018	89	20	70	3,91
19	125,63	115,75	11106019	80	16	35	1,70	11206019	95	20	50	3,06	11306019	95	20	70	4,43
20	131,67	121,78	11106020	80	16	35	1,84	11206020	100	20	50	3,45	11306020	100	20	70	4,96
21	137,71	127,82	11106021	80	16	35	2,35	11206021	100	20	50	3,69	11306021	100	20	70	5,41
22	143,75	133,86	11106022	90	20	40	2,45	11206022	100	20	50	3,96	11306022	100	20	70	59,7
23	149,79	139,90	11106023	90	20	40	2,56	11206023	110	20	50	4,50	11306023	110	20	70	6,64
24	155,84	145,94	11106024	90	20	40	2,67	11206024	110	20	50	4,81	11306024	110	20	70	7,21
25	161,88	152,00	11106025	90	20	40	2,79	11206025	120	20	50	5,40	11306025	120	20	70	7,97
26	167,93	158,04	11106026	90	20	40	3,08	11206026	120	20	50	5,73					
27	173,98	164,09	11106027	90	20	40	3,21	11206027	120	20	50	6,05					
28	180,03	170,13	11106028	95	20	40	3,34	11206028	120	20	50	6,43					
30	192,14	182,25	11106030	95	20	40	3,62	11206030	120	20	50	7,18					



pitch 1" x 5/8" (16-A)

CHAIN SPROCKETS

r_3	27,0 mm
C	3,2 mm
B_1	15,0 mm
b_1	14,7 mm
B_2	44,0 mm
B_3	73,3 mm

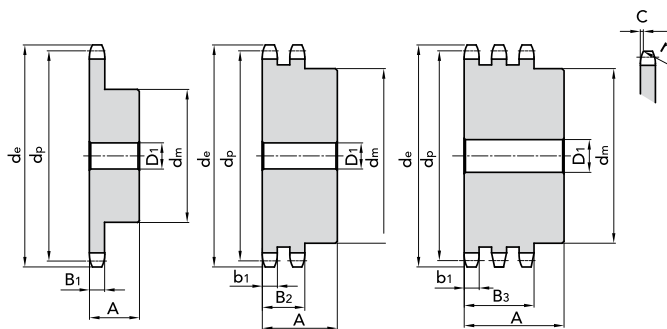
CHAIN

Pitch	25,40 mm
Inner width	15,88 mm
Roller Ø	15,88 mm

MATERIAL

MATERIAL C45 EN 10083

WELDED HUB - MOZZO SALDATO



Simple - Semplici 16-A-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8							
9							
10	95,32	82,79	11108010	55	16	35	0,82
11	103,28	90,14	11108011	61	16	40	1,13
12	111,26	98,14	11108012	69	16	40	1,42
13	119,26	106,12	11108013	78	16	40	1,77
14	127,27	114,15	11108014	84	16	40	2,07
15	135,29	122,17	11108015	92	16	40	2,46
16	143,32	130,20	11108016	100	20	45	3,13
17	151,35	138,22	11108017	100	20	45	3,34
18	159,39	146,28	11108018	100	20	45	3,55
19	167,44	154,33	11108019	100	20	45	3,78
20	175,49	162,38	11108020	100	20	45	4,02
21	183,54	170,43	11108021	110	20	50	5,01
22	191,60	178,48	11108022	110	20	50	5,26
23	199,66	186,54	11108023	110	20	50	5,56
24	207,72	194,59	11108024	110	20	50	5,85
25	215,78	202,66	11108025	110	20	50	6,16
26	223,84	210,72	11108026	120	20	50	6,96
27	231,91	218,79	11108027	120	20	50	7,29
28	239,98	226,85	11108028	120	20	50	7,64
29							
30	256,12	243,00	11108030	120	20	50	7,96

Double - Doppi 16-A-2					
CODE	d_m	D_1	A	kg.	
11208010	56	20	65	1,52	
11208012	72	20	70	2,60	
11208013	78	20	70	3,22	
11208014	86	20	70	3,82	
11208015	94	20	70	4,51	
11208016	102	20	70	5,17	
11208017	110	20	70	5,97	
11208018	118	20	70	6,84	
11208019	126	20	70	7,75	
11208020	130	20	70	8,43	
11208021	130	25	70	9,24	
11208025	130	25	70	12,52	

Triple - Tripli 16-A-3					
CODE	d_m	D_1	A	kg.	
11308012	72	25	100	3,62	
11308013	78	25	100	4,45	
11308014	86	25	100	5,37	
11308015	94	25	100	6,37	
11308016	102	30	100	7,45	
11308017	110	30	100	8,60	
11308018	118	30	100	9,84	
11308019	126	30	100	11,16	
11308020	130	30	100	12,36	



pitch 1" 1/4 x 3/4" (20-A)

CHAIN SPROCKETS

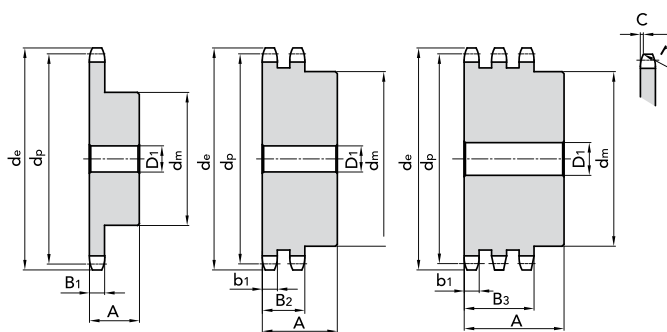
r_3	33,5 mm
C	4,0 mm
B_1	18,0 mm
b_1	17,7 mm
B_2	53,5 mm
B_3	89,2 mm

CHAIN

Pitch	31,75 mm
Inner width	19,05 mm
Roller Ø	19,05 mm

MATERIAL

MATERIAL C45 EN 10083



Simple - Semplici 20-A-1							
Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	98,10	82,96	11110008	53	20	40	0,85
9	108,00	92,84	11110009	63	20	40	1,18
10	117,90	102,74	11110010	70	20	40	1,57
11	127,80	112,68	11110011	77	20	45	2,04
12	137,80	122,68	11110012	88	20	45	2,58
13	147,80	132,65	11110013	98	20	45	3,15
14	157,80	142,68	11110014	108	20	45	3,78
15	167,90	152,72	11110015	118	20	45	4,47
16	177,90	162,75	11110016	120	25	50	5,25
17	187,90	172,78	11110017	120	25	50	5,61
18	198,00	182,85	11110018	120	25	50	5,99
19	208,10	192,91	11110019	120	25	50	6,40
20	218,10	202,95	11110020	120	25	50	6,82
21	228,20	213,04	11110021	140	25	55	8,79
22	238,30	223,11	11110022	140	25	55	9,27
23	248,30	233,17	11110023	140	25	55	9,77
24	258,40	243,23	11110024	140	25	55	10,30
25	268,50	253,33	11110025	140	25	55	10,85

Double - Doppi 20-A-2					
CODE	d_m	D_1	A	kg.	
11210011	80	25	80	3,72	
11210012	90	20	80	4,66	
11210013	100	20	80	5,70	
11210014	110	20	80	6,84	
11210015	120	20	80	8,08	
11210016	120	25	80	8,90	
11210017	120	25	80	9,92	

Triple - Tripli 20-A-3					
CODE	d_m	D_1	A	kg.	
11310014	110	30	115	9,71	
11310017	420	30	115	14,6	



pitch 1" 1/2 x 1" (24-A)

CHAIN SPROCKETS

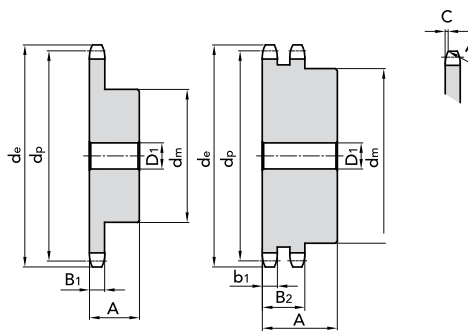
r_3	40,5 mm
C	4,8 mm
B_1	24,1 mm
b_1	23,6 mm
B_2	69,0 mm

MATERIAL

MATERIAL C45 EN 10083

WELDED HUB - MOZZO SALDATO
CHAIN

Pitch	38,10 mm
Inner width	25,40 mm
Roller Ø	22,22 mm


Simple - Semplici 24-A-1

Z	d_e	d_p	CODE	d_m	D_1	A	kg.
8	119,04	99,55	11112008	58	20	45	2,05
9	130,88	111,40	11112009	70	20	45	2,67
10	142,77	123,29	11112010	80	20	45	3,45
11	154,71	135,21	11112011	90	25	50	4,26
12	165,00	147,22	11112012	102	25	50	5,22
13	178,68	159,18	11112013	114	25	50	6,29
14	190,70	171,22	11112014	128	25	50	7,05
15	202,73	183,26	11112015	140	25	50	8,12
17							
18							
19	245,5	231,49	11112019	136	25	55	10,05

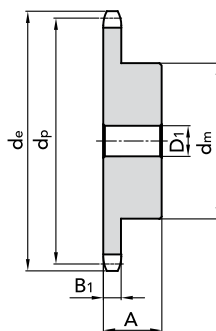
Double - Doppi 24-A-2

CODE	d_m	D_1	A	kg.
11212011	90	25	100	6,62
11212012	102	25	100	8,28
11212013	114	25	100	10,13
11212014	128	25	100	12,24
11212015	140	25	100	14,08

On demand we can manufacture ASA sprockets and pitches not shown on this catalogue.



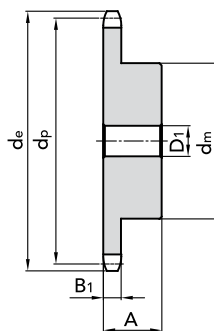
MATERIAL
STAINLESS STEEL AISI 304 L



PITCH	Z	d _e	CODE	d _p	d _m	D ₁	A	B ₁	Kg
3/8" x 7/32"	12	40,00	14109012	36,80	25,00	8,00	25,00	5,3	0,12
	13	43,00	14109013	39,79	28,00	10,00	25,00	5,3	0,13
06-B-1	15	49,00	14109015	45,81	34,00	10,00	25,00	5,3	0,19
	16	52,30	14109016	48,82	37,00	10,00	28,00	5,3	0,24
	17	55,30	14109017	51,83	40,00	10,00	28,00	5,3	0,28
	18	58,30	14109018	54,85	43,00	10,00	28,00	5,3	0,33
	19	61,30	14109019	57,87	45,00	10,00	28,00	5,3	0,36
	20	64,30	14109020	60,89	46,00	10,00	28,00	5,3	0,39
	21	68,00	14109021	63,91	48,00	12,00	28,00	5,3	0,42
	23	73,50	14109023	69,65	52,00	12,00	28,00	5,3	0,50
	25	80,00	14109025	76,00	57,00	12,00	28,00	5,3	0,60
	30	94,70	14109030	91,12	60,00	12,00	30,00	5,3	0,72
1/2" x 5/16"	12	53,00	14112012	49,07	33,00	10,00	28,00	7,2	0,21
	13	57,90	14112013	53,06	37,00	10,00	28,00	7,2	0,26
08-B-1	15	65,90	14112015	61,09	45,00	10,00	28,00	7,2	0,38
	16	69,90	14112016	65,10	50,00	12,00	28,00	7,2	0,46
	17	74,00	14112017	69,11	52,00	12,00	28,00	7,2	0,51
	18	78,00	14112018	73,14	56,00	12,00	28,00	7,2	0,59
	19	82,00	14112019	77,16	60,00	12,00	28,00	7,2	0,67
	20	86,00	14112020	81,19	64,00	12,00	28,00	7,2	0,76
	21	90,01	14112021	85,22	68,00	14,00	28,00	7,2	0,85
	23	98,01	14112023	93,27	70,00	14,00	28,00	7,2	0,94
	25	106,20	14112025	101,33	70,00	14,00	28,00	7,2	1,01
	30	126,30	14112030	121,50	80,00	16,00	30,00	7,2	1,46
5/8" x 3/8"	12	68,00	14115012	61,34	42,00	12,00	30,00	9,1	0,37
	13	73,00	14115013	66,32	47,00	12,00	30,00	9,1	0,46
10-B-1	15	83,00	14115015	76,36	57,00	12,00	30,00	9,1	0,67
	16	88,00	14115016	81,37	60,00	12,00	30,00	9,1	0,76
	17	93,00	14115017	86,39	60,00	12,00	30,00	9,1	0,88
	18	98,30	14115018	91,42	70,00	14,00	30,00	9,1	1,01
	19	103,30	14115019	96,45	70,00	14,00	30,00	9,1	1,15
	20	108,40	14115020	101,49	75,00	14,00	30,00	9,1	1,21
	21	113,40	14115021	106,52	80,00	16,00	30,00	9,1	1,35
	23	123,40	14115023	116,58	80,00	16,00	30,00	9,1	1,47
	25	134,00	14115025	126,66	80,00	16,00	30,00	9,1	1,60
	30	158,80	14115030	151,87	90,00	20,00	35,00	9,1	2,41



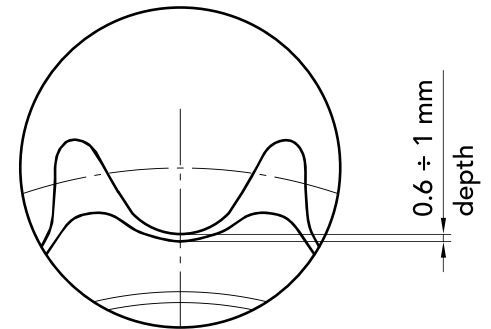
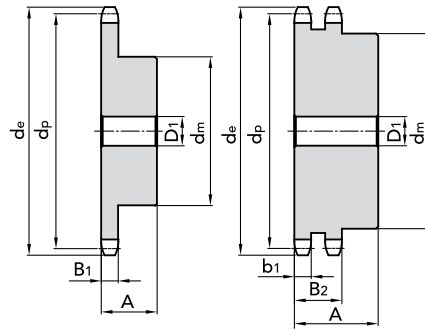
MATERIAL
STAINLESS STEEL AISI 304 L



PITCH	Z	d _e	CODE	d _p	d _m	D ₁	A	B ₁	Kg
3/4" x 7/16"	12	81,50	14119012	73,61	52,00	14,00	35,00	11,1	0,65
	13	87,50	14119013	79,59	58,00	16,00	35,00	11,1	0,80
12-B-1	15	99,80	14119015	91,63	70,00	16,00	35,00	11,1	1,16
	16	105,50	14119016	97,65	75,00	16,00	35,00	11,1	1,34
	17	111,50	14119017	103,67	80,00	16,00	35,00	11,1	1,53
	18	118,00	14119018	109,71	80,00	16,00	35,00	11,1	1,61
	19	124,20	14119019	115,75	80,00	16,00	35,00	11,1	1,70
	20	129,70	14119020	121,78	80,00	16,00	35,00	11,1	1,80
	21	136,00	14119021	127,82	90,00	20,00	40,00	11,1	2,35
	23	149,00	14119023	139,90	90,00	20,00	40,00	11,1	2,56
	25	160,00	14119025	152,00	90,00	20,00	40,00	11,1	2,80
	30	189,78	14119030	182,25	95,00	20,00	40,00	11,1	2,63
1" x 17,02	12	109,00	14125012	98,14	69,00	16,00	40,00	16,2	1,43
	13	117,00	14125013	106,12	78,00	16,00	40,00	16,2	1,77
16-B-1	15	133,00	14125015	122,17	92,00	16,00	40,00	16,2	2,46
	16	141,00	14125016	130,20	100,00	20,00	45,00	16,2	3,14
	17	149,00	14125017	138,22	100,00	20,00	45,00	16,2	3,34
	18	157,00	14125018	146,28	100,00	20,00	45,00	16,2	3,56
	19	165,20	14125019	154,33	100,00	20,00	45,00	16,2	3,78
	20	173,50	14125020	162,38	100,00	20,00	45,00	16,2	4,03
	21	181,20	14125021	170,43	110,00	20,00	50,00	16,2	5,01
	23	197,50	14125023	182,25	110,00	20,00	50,00	16,2	5,56
	25	213,50	14125025	202,66	110,00	20,00	50,00	16,2	6,16
	30	254,00	14125030	243,00	120,00	20,00	50,00	16,2	8,38



MATERIAL
MATERIAL C45 EN 10083



Simple - Semplici										Double - Doppi						
PITCH	Z	d _e	d _p	CODE	B ₁	d _m	D ₁	A	Kg	CODE	b ₁	B ₂	d _m	D ₁	A	Kg
3/4"X7/16"	12	81,13	73,60	15119012	11,1	52	14	35	0,65	15219012	10,8	30,3	53	16	50	1,02
	13	87,13	79,60	15119013	11,1	58	14	35	0,8	15219013	10,8	30,3	59	16	50	1,25
12-B	14	93,14	85,61	15119014	11,1	64	14	35	0,97	15219014	10,8	30,3	65	16	50	1,46
	15	99,16	91,63	15119015	11,1	70	14	35	1,16	15219015	10,8	30,3	71	16	50	1,74
	16	105,18	97,65	15119016	11,1	75	16	35	1,34	15219016	10,8	30,3	77	20	50	2,03
	17	111,20	103,67	15119017	11,1	80	16	35	1,53	15219017	10,8	30,3	83	20	50	2,36
	18	117,23	109,70	15119018	11,1	80	16	35	1,62	15219018	10,8	30,3	89	20	50	2,7
	19	123,27	115,74	15119019	11,1	80	16	35	1,7	15219019	10,8	30,3	95	20	50	3,07
	20	129,31	121,78	15119020	11,1	80	16	35	1,8	15219020	10,8	30,3	100	20	50	3,43
	21	135,35	127,82	15119021	11,1	90	20	40	2,35	15219021	10,8	30,3	100	20	50	3,69
	22	141,39	133,86	15119022	11,1	90	20	40	2,46	15219022	10,8	30,3	100	20	50	3,97
	23	147,43	139,90	15119023	11,1	90	20	40	2,56	15219023	10,8	30,3	110	20	50	4,51
	24	153,48	145,95	15119024	11,1	90	20	40	2,68	15219024	10,8	30,3	110	20	50	4,81
	25	159,52	151,99	15119025	11,1	90	20	40	2,8	15219025	10,8	30,3	120	20	50	5,41
	26	165,57	158,04							15219026	10,8	30,3	120	20	50	5,73
	27	171,62	164,09	15119027	11,1	95	20	40	3,21							
	28	177,67	170,14							15219028	10,8	30,3	120	20	50	6,43
	30	189,78	182,25	15119030	11,1	95	20	40	3,63	15219030	10,8	30,3	120	20	50	7,19
1"X17,02	12	109,26	98,14	15125012	16,2	69	16	40	1,43	15225012	15,8	47,7	72	20	70	2,6
	13	117,26	106,14	15125013	16,2	78	16	40	1,77	15225013	15,8	47,7	80	20	70	3,18
	14	125,27	114,15	15125014	16,2	84	16	40	2,08	15225014	15,8	47,7	88	20	70	3,82
	15	133,29	122,17	15125015	16,2	92	16	40	2,46	15225015	15,8	47,7	96	20	70	4,51
	16	141,32	130,20	15125016	16,2	100	20	45	3,14	15225016	15,8	47,7	104	20	70	5,17
	17	149,35	138,23	15125017	16,2	100	20	45	3,33	15225017	15,8	47,7	112	20	70	5,98
	18	157,39	146,27	15125018	16,2	100	20	45	3,56	15225018	15,8	47,7	120	20	70	6,84
	19	165,44	154,32	15125019	16,2	100	20	45	3,78	15225019	15,8	47,7	128	20	70	7,76
	20	173,49	162,37	15125020	16,2	100	20	45	4,03	15225020	15,8	47,7	130	20	70	8,52
	21	181,54	170,42	15125021	16,2	110	20	50	5,01	15225021	15,8	47,7	130	25	70	9,24
	22	189,60	178,48	15125022	16,2	110	20	50	5,28	15225022	15,8	47,7	130	25	70	10
	23	197,66	186,54	15125023	16,2	110	20	50	5,56	15225023	15,8	47,7	130	25	70	10,8
	24	205,72	194,60	15125024	16,2	110	20	50	5,86	15225024	15,8	47,7	130	25	70	11,64
	25	213,78	202,66	15125025	16,2	110	20	50	6,16	15225025	15,8	47,7	130	25	70	12,52
	27	229,91	218,79	15125027	16,2	120	20	50	7,3							
	30	254,12	243,00	15125030	16,2	120	20	50	8,38							



3/8" x 7/32" (06B-1)

CHAIN SPROCKETS

B₁ 5,3 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

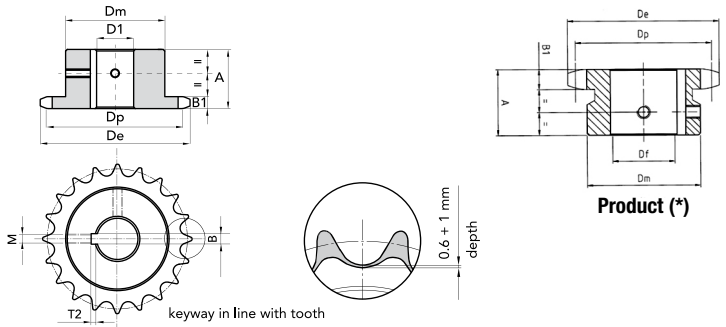
Pitch 9,525 mm

Inner width 5,72 mm

Roller Ø 6,38 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Product (*)

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
12	16091212	40,45	36,8	25	25	12	4	1,8	M4
	16091214			29*		14	5	2,3	M4
	16091215			30*		15	5	2,3	M4
	16091216			31*		16	5	2,3	M4
13	16091312	43,5	39,8	28	25	12	4	1,8	M4
	16091314					14	5	2,3	M4
	16091315					15	5	2,3	M4
	16091316					16	5	2,3	M4
	16091318					18	6	2,8	M5
14	16091412	46,5	42,8	31	25	12	4	1,8	M4
	16091414					14	5	2,3	M4
	16091415					15	5	2,3	M4
	16091416					16	5	2,3	M4
	16091418					18	6	2,8	M5
15	16091514	49,5	45,81	34	25	14	5	2,3	M4
	16091515					15	5	2,3	M4
	16091516					16	5	2,3	M4
	16091518					18	6	2,8	M5
	16091519					19	6	2,8	M5
	16091520					20	6	2,8	M5
	16091522					22	6	2,8	M5
	16091524					24	8	3,3	M6
16	16091614	52,3	48,82	37	28	14	5	2,3	M4
	16091615					15	5	2,3	M4
	16091616					16	5	2,3	M4
	16091618					18	6	2,8	M5
	16091619					19	6	2,8	M5
	16091620					20	6	2,8	M5
	16091622					22	6	2,8	M5
	16091624					24	8	3,3	M6
17	16091714	55,5	51,83	40	28	14	5	2,3	M4
	16091715					15	5	2,3	M4
	16091716					16	5	2,3	M4
	16091718					18	6	2,8	M5
	16091719					19	6	2,8	M5
	16091720					20	6	2,8	M5
	16091722					22	6	2,8	M5
	16091724					24	8	3,3	M6

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
18	16091814	58,3	54,85	43	28	14	5	2,3	M4
	16091815					15	5	2,3	M4
	16091816					16	5	2,3	M4
	16091818					18	6	2,8	M5
	16091819					19	6	2,8	M5
	16091820					20	6	2,8	M5
	16091822					22	6	2,8	M5
	16091824					24	8	3,3	M6
19	16091915	61,6	57,87	45	28	15	5	2,3	M4
	16091916					16	5	2,3	M4
	16091918					18	6	2,8	M5
	16091919					19	6	2,8	M5
	16091920					20	6	2,8	M5
	16091922					22	6	2,8	M5
	16091924					24	8	3,3	M6
	16091925					25	8	3,3	M6
20	16092015	64,3	60,89	46	28	15	5	2,3	M4
	16092016					16	5	2,3	M4
	16092018					18	6	2,8	M5
	16092019					19	6	2,8	M5
	16092020					20	6	2,8	M5
	16092022					22	6	2,8	M5
	16092024					24	8	3,3	M6
	16092025					25	8	3,3	M6
21	16092115	67,6	63,91	48	28	15	5	2,3	M4
	16092116					16	5	2,3	M4
	16092118					18	6	2,8	M5
	16092119					19	6	2,8	M5
	16092120					20	6	2,8	M5
	16092122					22	6	2,8	M5
	16092124					24	8	3,3	M6
	16092125					25	8	3,3	M6



3/8" x 7/32" (06B-1)

CHAIN SPROCKETS

B₁ 5,3 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

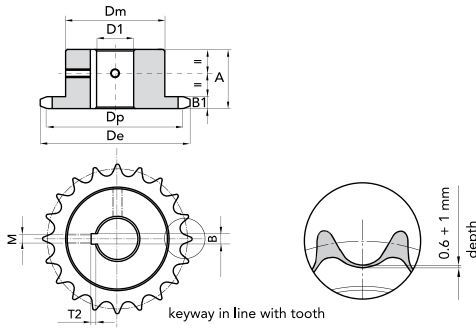
Pitch 9,525 mm

Inner width 5,72 mm

Roller Ø 6,35 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
23	16092315	73,7	69,95	52	28	15	5	2,3	M4
	16092316					16	5	2,3	M4
	16092318					18	6	2,8	M5
	16092319					19	6	2,8	M5
	16092320					20	6	2,8	M5
	16092322					22	6	2,8	M5
	16092324					24	8	3,3	M6
	16092325					25	8	3,3	M6
24	16092418	76,7	72,97	54	28	18	6	2,8	M5
	16092419					19	6	2,8	M5
	16092420					20	6	2,8	M5
	16092422					22	6	2,8	M5
	16092424					24	8	3,3	M6
	16092425					25	8	3,3	M6
	16092428					28	8	3,3	M6
	16092430					30	8	3,3	M6
25	16092518	79,7	76	57	28	18	6	2,8	M5
	16092519					19	6	2,8	M5
	16092520					20	6	2,8	M5
	16092522					22	6	2,8	M5
	16092524					24	8	3,3	M6
	16092525					25	8	3,3	M6
	16092528					28	8	3,3	M6
	16092530					30	8	3,3	M6
27	16092720	85,7	82,05	60	28	20	6	2,8	M5
	16092722					22	6	2,8	M5
	16092724					24	8	3,3	M6
	16092725					25	8	3,3	M6
	16092728					28	8	3,3	M6
	16092730					30	8	3,3	M6
30	16093020	94,8	91,12	60	30	20	6	2,8	M5
	16093022					22	6	2,8	M5
	16093024					24	8	3,3	M6
	16093025					25	8	3,3	M6
	16093028					28	8	3,3	M6
	16093030					30	8	3,3	M6



1/2" x 5/16" (08B-1)

CHAIN SPROCKETS

B₁ 7,2 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

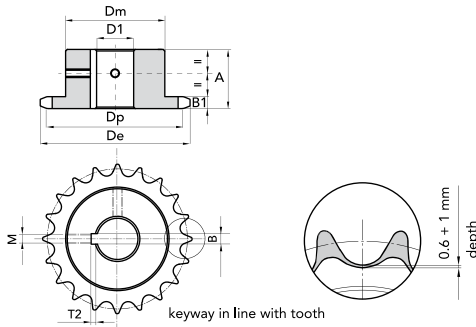
Pitch 12,7 mm

Inner width 7,75 mm

Roller Ø 8,51 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
12	1612121 2	53,9	49,07	33	28	12	4	1,8	M4
	16121214					14	5	2,3	M4
	16121215					15	5	2,3	M4
	16121216					16	5	2,3	M4
	16121218					18	6	2,8	M5
	16121219					19	6	2,8	M5
	16121220					20	6	2,8	M5
13	16121312	57,9	53,06	37	28	12	4	1,8	M4
	16121314					14	5	2,3	M4
	16121315					15	5	2,3	M4
	16121316					16	5	2,3	M4
	16121318					18	6	2,8	M5
	16121319					19	6	2,8	M5
	16121320					20	6	2,8	M5
	16121322					22	6	2,8	M5
	16121324					24	8	3,3	M6
14	16121414	61,6	57,07	41	28	14	5	2,3	M4
	16121415					15	5	2,3	M4
	16121416					16	5	2,3	M4
	16121418					18	6	2,8	M5
	16121419					19	6	2,8	M5
	16121420					20	6	2,8	M5
	16121422					22	6	2,8	M5
	16121424					24	8	3,3	M6
	16121425					25	8	3,3	M6
15	16121514	65,9	61,09	45	28	14	5	2,3	M4
	16121515					15	5	2,3	M4
	16121516					16	5	2,3	M4
	16121518					18	6	2,8	M5
	16121519					19	6	2,8	M5
	16121520					20	6	2,8	M5
	16121522					22	6	2,8	M5
	16121524					24	8	3,3	M6
	16121525					25	8	3,3	M6
	16121528					28	8	3,3	M6
	16121530					30	8	3,3	M6

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
16	16121615	69,5	65,1	50	28	15	5	2,3	M4
	16121616					16	5	2,3	M4
	16121618					18	6	2,8	M5
	16121619					19	6	2,8	M5
	16121620					20	6	2,8	M5
	16121622					22	6	2,8	M5
	16121624					24	8	3,3	M6
	16121625					25	8	3,3	M6
	16121628					28	8	3,3	M6
	16121630					30	8	3,3	M6
17	16121715	74	69,11	52	28	15	5	2,3	M4
	16121716					16	5	2,3	M4
	16121718					18	6	2,8	M5
	16121719					19	6	2,8	M5
	16121720					20	6	2,8	M5
	16121722					22	6	2,8	M5
	16121724					24	8	3,3	M6
	16121725					25	8	3,3	M6
	16121728					28	8	3,3	M6
	16121730					30	8	3,3	M6
18	16121816	77,8	73,14	56	28	16	5	2,3	M4
	16121818					18	6	2,8	M5
	16121819					19	6	2,8	M5
	16121820					20	6	2,8	M5
	16121822					22	6	2,8	M5
	16121824					24	8	3,3	M6
	16121825					25	8	3,3	M6
	16121828					28	8	3,3	M6
	16121830					30	8	3,3	M6
	16121832					32	10	3,3	M8
	16121835					35	10	3,3	M8



1/2" x 5/16" (08B-1)

CHAIN SPROCKETS

B₁ 7,2 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

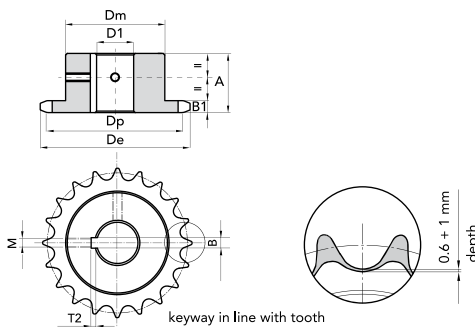
Pitch 12,7 mm

Inner width 7,75 mm

Roller Ø 8,51 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
19	16121919	82	77,16	60	28	19	6	2,8	M5
	16121920					20	6	2,8	M5
	16121922					22	6	2,8	M5
	16121924					24	8	3,3	M6
	16121925					25	8	3,3	M6
	16121928					28	8	3,3	M6
	16121930					30	8	3,3	M6
	16121932					32	10	3,3	M8
	16121935					35	10	3,3	M8
20	16122019	85,8	81,19	64	28	19	6	2,8	M5
	16122020					20	6	2,8	M5
	16122022					22	6	2,8	M5
	16122024					24	8	3,3	M6
	16122025					25	8	3,3	M6
	16122028					28	8	3,3	M6
	16122030					30	8	3,3	M6
	16122032					32	10	3,3	M8
	16122035					35	10	3,3	M8
21	16122119	90,1	85,22	68	28	19	6	2,8	M5
	16122120					20	6	2,8	M5
	16122122					22	6	2,8	M5
	16122124					24	8	3,3	M6
	16122125					25	8	3,3	M6
	16122128					28	8	3,3	M6
	16122130					30	8	3,3	M6
	16122132					32	10	3,3	M8
	16122135					35	10	3,3	M8
23	16122320	98,1	93,27	70	28	20	6	2,8	M5
	16122322					22	6	2,8	M5
	16122324					24	8	3,3	M6
	16122325					25	8	3,3	M6
	16122328					28	8	3,3	M6
	16122330					30	8	3,3	M6
	16122332					32	10	3,3	M8
	16122335					35	10	3,3	M8
	16122338					38	10	3,3	M8

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
24	16122420	102,1	97,29	70	28	20	6	2,8	M5
	16122422					22	6	2,8	M5
	16122424					24	8	3,3	M6
	16122425					25	8	3,3	M6
	16122428					28	8	3,3	M6
	16122430					30	8	3,3	M6
	16122432					32	8	3,3	M8
	16122435					35	10	3,3	M8
	16122438					38	10	3,3	M8
25	16122520	105,8	101,33	70	28	20	6	2,8	M5
	16122522					22	6	2,8	M5
	16122524					24	8	3,3	M6
	16122525					25	8	3,3	M6
	16122528					28	8	3,3	M6
	16122530					30	8	3,3	M6
	16122532					32	10	3,3	M8
	16122535					35	10	3,3	M8
	16122538					38	10	3,3	M8
27	16122722	114	109,4	70	30	22	6	2,8	M5
	16122725					25	8	3,3	M6
	16122728					28	8	3,3	M6
	16122730					30	8	3,3	M6
	16122732					32	10	3,3	M8
	16122735					35	10	3,3	M8
	16122738					38	10	3,3	M8
30	16123025	126	121,5	80	30	25	8	3,3	M6
	16123028					28	8	3,3	M6
	16123030					30	8	3,3	M6
	16123032					32	10	3,3	M8
	16123035					35	10	3,3	M8
	16123038					38	10	3,3	M8



5/8" x 3/8" (10B-1)

CHAIN SPROCKETS

B₁ 9,1 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

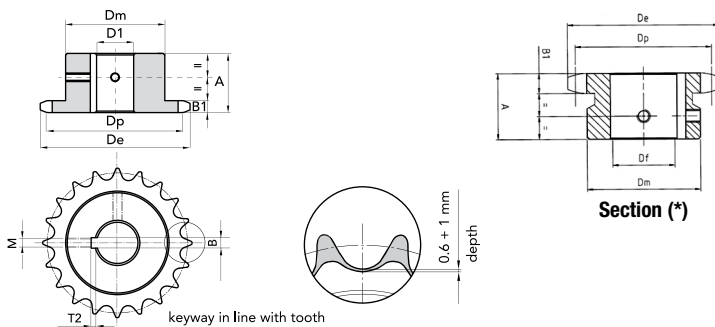
Pitch 15,875 mm

Inner width 9,65 mm

Roller Ø 10,16 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
12	16151216	68,2	61,34	42	30	16	5	2,3	M4
	16151219					19	6	2,8	M5
	16151220					20	6	2,8	M5
	16151222					22	6	2,8	M5
	16151224					24	8	3,3	M6
	16151225					25	8	3,3	M6
	16151228			51*		28	8	3,3	M6
	16151230			51*		30	8	3,3	M6
13	16151316	73,2	66,32	47	30	16	5	2,3	M4
	16151319					19	6	2,8	M5
	16151320					20	6	2,8	M5
	16151322					22	6	2,8	M5
	16151324					24	8	3,3	M6
	16151325					25	8	3,3	M6
	16151328					28	8	3,3	M6
	16151330					30	8	3,3	M6
14	16151416	78,2	71,34	52	30	16	5	2,3	M4
	16151419					19	6	2,8	M5
	16151420					20	6	2,8	M5
	16151422					22	6	2,8	M5
	16151424					24	8	3,3	M6
	16151425					25	8	3,3	M6
	16151428					28	8	3,3	M6
	16151430					30	8	3,3	M6
15	16151519	83,2	76,36	57	30	19	6	2,8	M5
	16151520					20	6	2,8	M5
	16151522					22	6	2,8	M5
	16151524					24	8	3,3	M6
	16151525					25	8	3,3	M6
	16151528					28	8	3,3	M6
	16151530					30	8	3,3	M6
	16151532					32	10	3,3	M8
	16151535					35	10	3,3	M8

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
16	16151620	88	81,37	60	30	20	6	2,8	M5
	16151622					22	6	2,8	M5
	16151624					24	8	3,3	M6
	16151625					25	8	3,3	M6
	16151628					28	8	3,3	M6
	16151630					30	8	3,3	M6
	16151632					32	10	3,3	M8
	16151635					35	10	3,3	M8
17	16151720	93,2	86,39	60	30	20	6	2,8	M5
	16151722					22	6	2,8	M5
	16151724					24	8	3,3	M6
	16151725					25	8	3,3	M6
	16151728					28	8	3,3	M6
	16151730					30	8	3,3	M6
	16151732					32	10	3,3	M8
	16151735					35	10	3,3	M8
18	16151820	98,3	91,42	70	30	20	6	2,8	M5
	16151822					22	6	2,8	M5
	16151824					24	8	3,3	M6
	16151825					25	8	3,3	M6
	16151828					28	8	3,3	M6
	16151830					30	8	3,3	M6
	16151832					32	10	3,3	M8
	16151835					35	10	3,3	M8
	16151838					38	10	3,3	M8
	16151840					40	12	3,3	M10
19	16151920	103,3	96,45	70	30	20	6	2,8	M5
	16151922					22	6	2,8	M5
	16151924					24	8	3,3	M6
	16151925					25	8	3,3	M6
	16151928					28	8	3,3	M6
	16151930					30	8	3,3	M6
	16151932					32	10	3,3	M8
	16151935					35	10	3,3	M8
	16151938					38	10	3,3	M8
	16151940					40	12	3,3	M10



5/8" x 3/8" (10B-1)

CHAIN SPROCKETS

B₁ 9,1 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

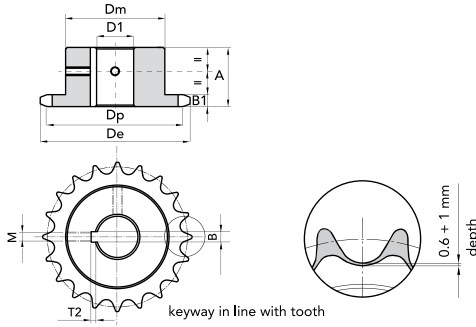
Pitch 15,875 mm

Inner width 9,65 mm

Roller Ø 10,16 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
20	16152020	108,4	101,49	75	30	20	6	2,8	M5
	16152022					22	6	2,8	M5
	16152024					24	8	3,3	M6
	16152025					25	8	3,3	M6
	16152028					28	8	3,3	M6
	16152030					30	8	3,3	M6
	16152032					32	10	3,3	M8
	16152035					35	10	3,3	M8
	16152038					38	10	3,3	M8
	16152040					40	12	3,3	M10
21	16152120	113,4	106,52	75	30	20	6	2,8	M5
	16152122					22	6	2,8	M5
	16152124					24	8	3,3	M6
	16152125					25	8	3,3	M6
	16152128					28	8	3,3	M6
	16152130					30	8	3,3	M6
	16152132					32	10	3,3	M8
	16152135					35	10	3,3	M8
	16152138					38	10	3,3	M8
	16152140					40	12	3,3	M10
23	16152320	123,4	116,58	80	30	20	6	2,8	M5
	16152322					22	6	2,8	M5
	16152324					24	8	3,3	M6
	16152325					25	8	3,3	M6
	16152328					28	8	3,3	M6
	16152330					30	8	3,3	M6
	16152332					32	10	3,3	M8
	16152335					35	10	3,3	M8
	16152338					38	10	3,3	M8
	16152340					40	12	3,3	M10
	16152342					42	12	3,3	M10

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
24	16152420	128,5	121,62	80	30	20	6	2,8	M5
	16152422					22	6	2,8	M5
	16152424					24	8	3,3	M6
	16152425					25	8	3,3	M6
	16152428					28	8	3,3	M6
	16152430					30	8	3,3	M6
	16152432					32	10	3,3	M8
	16152435					35	10	3,3	M8
	16152438					38	10	3,3	M8
	16152440					40	12	3,3	M10
	16152442					42	12	3,3	M10
25	16152522	133,5	126,66	80	30	22	6	2,8	M5
	16152524					24	8	3,3	M6
	16152525					25	8	3,3	M6
	16152528					28	8	3,3	M6
	16152530					30	8	3,3	M6
	16152532					32	10	3,3	M8
	16152535					35	10	3,3	M8
	16152538					38	10	3,3	M8
	16152540					40	12	3,3	M10
	16152542					42	12	3,3	M10



3/4" x 7/16" (12B-1)

CHAIN SPROCKETS

B₁ 11,1 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

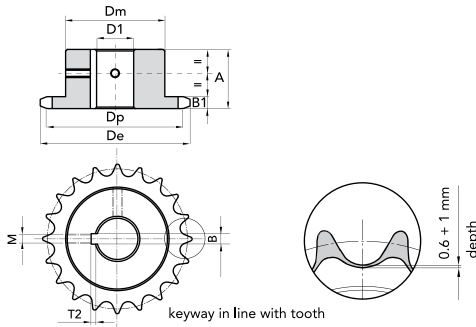
Pitch 19,05 mm

Inner width 11,68 mm

Roller Ø 12,07 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
12	16191220	81,8	73,6	52	35	20	6	2,8	M5
	16191222					22	6	2,8	M5
	16191224					24	8	3,3	M6
	16191225					25	8	3,3	M6
	16191228					28	8	3,3	M6
	16191230					30	8	3,3	M6
13	16191320	87,1	79,6	58	35	20	6	2,8	M5
	16191322					22	6	2,8	M5
	16191324					24	8	3,3	M6
	16191325					25	8	3,3	M6
	16191328					28	8	3,3	M6
	16191330					30	8	3,3	M6
	16191332					32	10	3,3	M8
	16191335					35	10	3,3	M8
14	16191420	93,8	85,61	64	35	20	6	2,8	M5
	16191422					22	6	2,8	M5
	16191424					24	8	3,3	M6
	16191425					25	8	3,3	M6
	16191428					28	8	3,3	M6
	16191430					30	8	3,3	M6
	16191432					32	10	3,3	M8
	16191435					35	10	3,3	M8
	16191440					40	12	3,3	M10
15	16191520	99,2	91,63	70	35	20	6	2,8	M5
	16191522					22	6	2,8	M5
	16191524					24	8	3,3	M6
	16191525					25	8	3,3	M6
	16191528					28	8	3,3	M6
	16191530					30	8	3,3	M6
	16191532					32	10	3,3	M8
	16191535					35	10	3,3	M8
	16191538					38	10	3,3	M8
	16191540					40	12	3,3	M10

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
16	16191620	105,5	97,65	75	35	20	6	2,8	M5
	16191622					22	6	2,8	M5
	16191624	On demand				24	8	3,3	M6
	16191625					25	8	3,3	M6
	16191628					28	8	3,3	M6
	16191630					30	8	3,3	M6
	16191632					32	10	3,3	M8
	16191635					35	10	3,3	M8
	16191638					38	10	3,3	M8
	16191640					40	12	3,3	M10
17	16191722	111,2	103,67	80	35	22	6	2,8	M5
	16191725					25	8	3,3	M6
	16191728					28	8	3,3	M6
	16191730					30	8	3,3	M6
	16191732					32	10	3,3	M8
	16191735					35	10	3,3	M8
	16191738					38	10	3,3	M8
	16191740					40	12	3,3	M10
18	16191822	118	109,71	80	35	22	6	2,8	M5
	16191825					25	8	3,3	M6
	16191828					28	8	3,3	M6
	16191830					30	8	3,3	M6
	16191832					32	10	3,3	M8
	16191835					35	10	3,3	M8
	16191838					38	10	3,3	M8
	16191840					40	12	3,3	M10
19	16191925	123,3	115,75	80	35	25	8	3,3	M6
	16191928					28	8	3,3	M6
	16191930					30	8	3,3	M6
	16191932					32	10	3,3	M8
	16191935					35	10	3,3	M8
	16191938					38	10	3,3	M8
	16191940					40	12	3,3	M10
	16191942					42	12	3,3	M10
	16191945					45	14	3,8	M12



3/4" x 7/16" (12B-1)

CHAIN SPROCKETS

B₁ 9,1 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

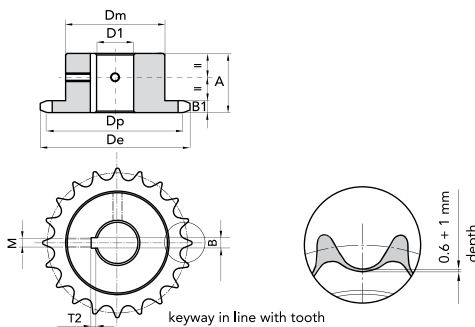
Pitch 19,05 mm

Inner width 11,68 mm

Roller Ø 12,07 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
20	16192025	129,7	121,78	80	35	25	8	3,3	M6
	16192028					28	8	3,3	M6
	16192030					30	8	3,3	M6
	16192032					32	10	3,3	M8
	16192035					35	10	3,3	M8
	16192038					38	10	3,3	M8
	16192040					40	12	3,3	M10
	16192042					42	12	3,3	M10
	16192045					45	14	3,8	M12
21	16192128	135,4	127,82	90	40	28	8	3,3	M6
	16192130					30	8	3,3	M6
	16192132					32	10	3,3	M8
	16192135					35	10	3,3	M8
	16192138					38	10	3,3	M8
	16192140					40	12	3,3	M10
	16192142					42	12	3,3	M10
	16192145					45	14	3,8	M12
	16192148					48	14	3,8	M12
	16192150					50	14	3,8	M12
23	16192328	147,4	139,9	90	40	28	8	3,3	M6
	16192330					30	8	3,3	M6
	16192332					32	10	3,3	M8
	16192335					35	10	3,3	M8
	16192338					38	10	3,3	M8
	16192340					40	12	3,3	M10
	16192342					42	12	3,3	M10
	16192345					45	14	3,8	M12
	16192348					48	14	3,8	M12
	16192350					50	14	3,8	M12

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
24	16192428	154,1	145,94	90	40	28	8	3,3	M6
	16192430					30	8	3,3	M6
	16192432					32	10	3,3	M8
	16192435					35	10	3,3	M8
	16192438					38	10	3,3	M8
	16192440					40	12	3,3	M10
	16192442					42	12	3,3	M10
	16192445					45	14	3,8	M12
	16192448					48	14	3,8	M12
	16192450					50	14	3,8	M12
25	16192528	159,5	152	90	40	28	8	3,3	M6
	16192530					30	8	3,3	M6
	16192532					32	10	3,3	M8
	16192535					35	10	3,3	M8
	16192538					38	10	3,3	M8
	16192540					40	12	3,3	M10
	16192542					42	12	3,3	M10
	16192545					45	14	3,8	M12
	16192548					48	14	3,8	M12
	16192550					50	14	3,8	M12



1" x 17.02 (16B-1)

CHAIN SPROCKETS

B₁ 16,2 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

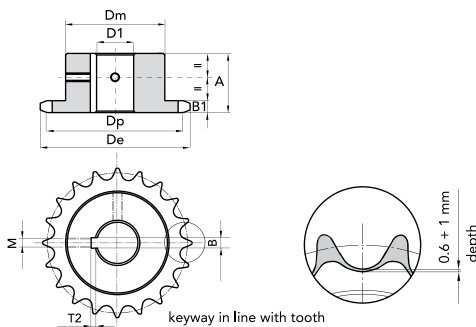
Pitch 25,40 mm

Inner width 17,02 mm

Roller Ø 15,88 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
12	16251225	109,71	98,14	69	40	25	8	3,3	M6
	16251228					28	8	3,3	M6
	16251230					30	8	3,3	M6
	16251232					32	10	3,3	M8
	16251235					35	10	3,3	M8
	16251238					38	10	3,3	M8
	16251240					40	12	3,3	M10
13	16251325	117,2	106,14	78	40	25	8	3,3	M6
	16251328					28	8	3,3	M6
	16251330					30	8	3,3	M6
	16251332					32	10	3,3	M8
	16251335					35	10	3,3	M8
	16251338					38	10	3,3	M8
	16251340					40	12	3,3	M10
	16251342					42	12	3,3	M10
	16251345					45	14	3,8	M12
14	16251425	125,7	114,15	84	40	25	8	3,3	M6
	16251428					28	8	3,3	M6
	16251430					30	8	3,3	M6
	16251432					32	10	3,3	M8
	16251435					35	10	3,3	M8
	16251438					38	10	3,3	M8
	16251440					40	12	3,3	M10
	16251442					42	12	3,3	M10
	16251445					45	14	3,8	M12
	16251448					48	14	3,8	M12
	16251450					50	14	3,8	M12
15	16251528	133,3	122,17	92	40	28	8	3,3	M6
	16251530					30	8	3,3	M6
	16251532					32	10	3,3	M8
	16251535					35	10	3,3	M8
	16251538					38	10	3,3	M8
	16251540					40	12	3,3	M10
	16251542					42	12	3,3	M10
	16251545					45	14	3,8	M12
	16251548					48	14	3,8	M12
	16251550					50	14	3,8	M12

Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
16	16251630	141	130,2	100	45	30	8	3,3	M6
	16251632					32	10	3,3	M8
	16251635					35	10	3,3	M8
	16251638					38	10	3,3	M8
	16251640					40	12	3,3	M10
	16251642					42	12	3,3	M10
	16251645					45	14	3,8	M12
	16251648					48	14	3,8	M12
	16251650					50	14	3,8	M12
17	16251730	149,4	138,22	100	45	30	8	3,3	M6
	16251732					32	10	3,3	M8
	16251735					35	10	3,3	M8
	16251738					38	10	3,3	M8
	16251740					40	12	3,3	M10
	16251742					42	12	3,3	M10
	16251745					45	14	3,8	M12
	16251748					48	14	3,8	M12
	16251750					50	14	3,8	M12
18	16251830	157	146,28	100	45	30	8	3,3	M6
	16251832					32	10	3,3	M8
	16251835					35	10	3,3	M8
	16251838					38	10	3,3	M8
	16251840					40	12	3,3	M10
	16251842					42	12	3,3	M10
	16251845					45	14	3,8	M12
	16251848					48	14	3,8	M12
	16251850					50	14	3,8	M12
19	16251930	165,5	154,33	100	45	30	8	3,3	M6
	16251932					32	10	3,3	M8
	16251935					35	10	3,3	M8
	16251938					38	10	3,3	M8
	16251940					40	12	3,3	M10
	16251942					45	12	3,3	M10
	16251945					45	14	3,8	M12
	16251948					48	14	3,8	M12
	16251950					50	14	3,8	M12



1" x 17.02 (16B-1)

CHAIN SPROCKETS

B₁ 16,2 mm

MATERIAL

MATERIAL C45 EN 10083

CHAIN

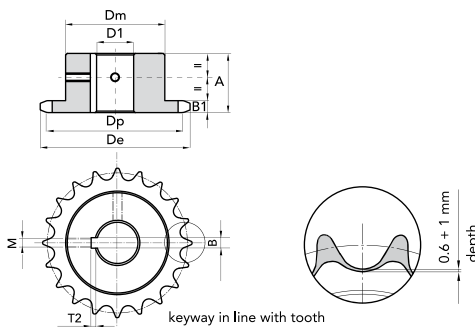
Pitch 25,40 mm

Inner width 17,02 mm

Roller Ø 15,88 mm

KEYWAY DIN 6885 UNI 6604

Hardened teeth HRC 45÷53



Z	CODE	d _a	d _p	d _m	A	ØD1 H7	B H9	T2	M
20	16252030	173,2	162,38	100	45	30	8	3,3	M6
	16252032					32	10	3,3	M8
	16252035					35	10	3,3	M8
	16252038					38	10	3,3	M8
	16252040					40	12	3,3	M10
	16252042					42	12	3,3	M10
	16252045					45	14	3,8	M12
	16252048					48	14	3,8	M12
	16252050					50	14	3,8	M12
21	16252130	181,6	170,43	110	50	30	8	3,3	M6
	16252132					32	10	3,3	M8
	16252135					35	10	3,3	M8
	16252138					38	10	3,3	M8
	16252140					40	12	3,3	M10
	16252142					42	12	3,3	M10
	16252145					45	14	3,8	M12
	16252148					48	14	3,8	M12
	16252150					50	14	3,8	M12
23	16252330	198,1	186,1	110	50	30	8	3,3	M6
	16252332					32	10	3,3	M8
	16252335					35	10	3,3	M8
	16252338					38	10	3,3	M8
	16252340					40	12	3,3	M10
	16252342					42	12	3,3	M10
	16252345					45	14	3,8	M12
	16252348					48	14	3,8	M12
	16252350					50	14	3,8	M12
25	16252530	214,2	202,66	110	50	30	8	3,3	M6
	16252532					32	10	3,3	M8
	16252535					35	10	3,3	M8
	16252538					38	10	3,3	M8
	16252540					40	12	3,3	M10
	16252542					42	12	3,3	M10
	16252545					45	14	3,8	M12
	16252548					48	14	3,8	M12
	16252550					50	14	3,8	M12

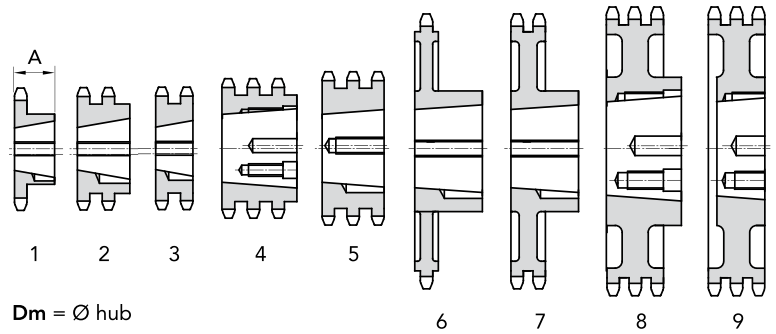


MATERIAL

STEEL
C45 EN 10083

WITH INDUCTION HARDENED TEETH

CAST IRON G20/25 EN 1561



Hardened teeth HRC 45÷53

$D_m = \varnothing$ hub

Simple - Semplici 06 B-1								
PITCH	CODE	PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
3/8" 9,52mm	17109017 18109017	031-17	17	1008	1	44,5	22	0,11
	17109018 -	031-18	18	1008	1	43	22	0,14
06-B	17109019 18109019	031-19	19	1008	1	46	22	0,15
	17109020 -	031-20	20	1008	1	46	22	0,16
	17109021 18109021	031-21	21	1008	1	46	22	0,18
	17109022 -	031-22	22	1108	1	50	22	0,25
	17109023 18109023	031-23	23	1210	1	62	25	0,27
	17109024 -	031-24	24	1210	1	62	25	0,30
	17109025 18109025	031-25	25	1210	1	63	25	0,32
	17109026 -	031-26	26	1210	1	60	25	0,33
	17109027 18109027	031-27	27	1210	1	60	25	0,34
	17109028 -	031-28	28	1210	1	60	25	0,37
	17109030 18109030	031-30	30	1210	1	63	25	0,39
	17109038 -	031-38	38	1210	1	73	25	0,65
	17109045 -	031-45	45	1210	1	73	25	1,01
	17109057 -	031-57	57	1210	6	83	25	1,34
	17109076 -	031-76	76	1210	6	83	25	1,84
	17109095 -	031-95	95	1210	6	83	25	2,30
	17109114 -	031-114	114	1215	6	83	38	3,50

Double - Doppi 06 B-2							
CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
17209017	032-17	17	1008	2	42,5	22	0,11
17209018	032-18	18	1008	2	43	22	0,15
17209019	032-19	19	1008	2	46	22	0,18
17209020	032-20	20	1008	2	48	22	0,22
17209021	032-21	21	1008	2	49	22	0,16
17209022	032-22	22	1108	2	52	22	0,28
17209023	032-23	23	1210	2	58	25	0,27
17209024	032-24	24	1210	2	61	25	0,32
17209025	032-25	25	1210	2	64	25	0,37
17209026	032-26	26	1210	2	65	25	0,44
17209027	032-27	27	1210	2	65	25	0,50
17209028	032-28	28	1210	2	65	25	0,57
17209030	032-30	30	1210	2	65	25	0,68
17209038	032-38	38	1610	2	76	25	1,03
17209045	032-45	45	1610	2	89	25	1,08
17209057	032-57	57	1610	7	89	25	1,16
17209076	032-76	76	1610	7	89	25	2,19
17209095	032-95	95	1610	7	89	25	3,00
17209114	032-114	114	1615	7	89	38	5,00

Simple - Semplici 08 B-1								
PITCH	CODE	PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
1/2" 12,70mm	17112015 18112015	041-15	15	1008	1	46	22	0,16
	17112016 -	041-16	16	1108	1	50	22	0,20
08-B	17112017 18112017	041-17	17	1210	1	59,5	25	0,22
	17112018 -	041-18	18	1210	1	60	25	0,27
	17112019 18112019	041-19	19	1210	1	63	25	0,33
	17112020 -	041-20	20	1610	1	71	25	0,36
	17112021 18112021	041-21	21	1610	1	71	25	0,36
	17112022 -	041-22	22	1610	1	70	25	0,36
	17112023 18112023	041-23	23	1610	1	76	25	0,50
	17112024 -	041-24	24	1610	1	70	25	0,53
	17112025 18112025	041-25	25	1610	1	76	25	0,56
	17112026 -	041-26	26	1610	1	70	25	0,60
	17112027 18112027	041-27	27	1610	1	76	25	0,63
	17112028 -	041-28	28	2012	1	90	32	0,87
	17112030 18112030	041-30	30	2012	1	90	32	0,91
	17112038 -	041-38	38	2012	1	102	32	1,25
	17112045 -	041-45	45	2012	1	102	32	1,68
	17112057 -	041-57	57	2012	6	111	32	2,78
	17112076 -	041-76	76	2012	6	111	32	3,81
	17112095 -	041-95	95	2012	6	111	32	5,00
	17112114 -	041-114	114	2517	6	124	45	6,50

Double - Doppi 08 B-2							
CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
17212015	042-15	15	1008	2	46	22	0,22
17212016	042-16	16	1108	2	50	22	0,22
17212017	042-17	17	1210	2	56	25	0,23
17212018	042-18	18	1210	2	58	25	0,30
17212019	042-19	19	1210	2	64	25	0,38
17212020	042-20	20	1610	2	66	25	0,45
17212021	042-21	21	1610	2	71	25	0,50
17212022	042-22	22	1610	2	76	25	0,55
17212023	042-23	23	1610	2	79	25	0,62
17212024	042-24	24	2012	2	84	32	0,68
17212025	042-25	25	2012	2	87	32	0,72
17212026	042-26	26	2012	2	87	32	0,82
17212027	042-27	27	2012	2	87	32	0,92
17212028	042-28	28	2012	2	87	32	1,10
17212030	042-30	30	2012	2	87	32	1,24
17212038	042-38	38	2012	2	102	32	2,50
17212045	042-45	45	2012	2	111	32	3,05
17212057	042-57	57	2012	7	111	32	5,64
17212076	042-76	76	2012	7	111	32	5,69
17212095	042-95	95	2012	7	111	32	5,10
17212114	042-114	114	2517	7	124	45	6,00

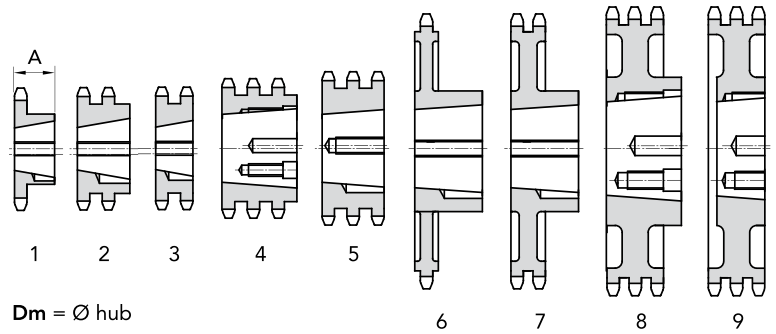


MATERIAL

STEEL
C45 EN 10083

WITH INDUCTION HARDENED TEETH

CAST IRON G20/25 EN 1561



Hardened teeth HRC 45÷53

$D_m = \varnothing$ hub

Simple - Semplici 16 B1								
PITCH	CODE	PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
1" 25,40mm	17125013	-	081-13	13	1610	1	78	25 0,98
	17125014	-	081-14	14	1610	1	78	25 1,14
16-B	17125015	18125015	081-15	15	1610	1	78	25 1,30
	17125016	-	081-16	16	2012	1	90	32 1,40
	17125017	18125017	081-17	17	2012	1	90	32 1,59
	17125018	-	081-18	18	2517	1	108	45 2,10
	17125019	18125019	081-19	19	2517	1	108	45 2,29
	17125020	-	081-20	20	2517	1	108	45 2,60
	17125021	18125021	081-21	21	2517	1	108	45 2,81
	17125022	-	081-22	22	2517	1	108	45 3,10
	17125023	18125023	081-23	23	2517	1	108	45 3,38
	17125024	-	081-24	24	2517	1	108	45 3,70
	17125025	18125025	081-25	25	2517	1	108	45 3,97
	17125026	-	081-26	26	2517	1	108	45 4,26
	17125027	18125027	081-27	27	2517	1	108	45 4,55
	17125028	-	081-28	28	2517	1	108	45 5,26
	17125030	18125030	081-30	30	3020	1	160	51 5,97
	17125038	-	081-38	38	3020	1	160	51 8,73
	17125045	-	081-45	45	3020	1	160	51 12,49
	17125057	-	081-57	57	3020	6	160	51 13,87
	17125076	-	081-76	76	3020	6	160	51 22,63
	17125095	-	081-95	95	3020	6	160	51 32,00
	17125114	-	081-114	114	3030	6	150	76 50,00

Double - Doppi 16 B2								
CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg	
17225013	082-13	13	1610	3	-	47,7	1,70	
17225014	082-14	14	1610	3	-	47,7	1,90	
17225015	082-15	15	2012	3	-	47,7	2,11	
17225016	082-16	16	2517	3	-	47,7	2,25	
17225017	082-17	17	2517	3	-	47,7	2,53	
17225018	082-18	18	2517	3	-	47,7	3,10	
17225019	082-19	19	2517	3	-	47,7	3,50	
17225020	082-20	20	2517	3	-	47,7	4,10	
17225021	082-21	21	3020	2	143	51	4,15	
17225022	082-22	22	3020	2	150	51	4,90	
17225023	082-23	23	3020	2	160	51	5,69	
17225024	082-24	24	3020	2	166	51	6,00	
17225025	082-25	25	3020	2	175	51	6,38	
17225026	082-26	26	3020	2	175	51	7,80	
17225027	082-27	27	3020	2	175	51	9,27	
17225028	082-28	28	3020	2	175	51	11,4	
17225030	082-30	30	3020	2	175	51	13,5	
17225038	082-38	38	3030	7	160	76	13,8	
17225045	082-45	45	3030	7	160	76	17,4	
17225057	082-57	57	3535	7	175	89	22,4	
17225076	082-76	76	3535	7	175	89	33,2	
17225095	082-95	95	4040	7	215	102	52,5	
17225114	082-114	114	4040	7	215	102	80,0	

Simple - Semplici 20 B-1								
PITCH	CODE	PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
1" 1/4" 31,75mm	17131015	18131015	081-15	15	2517	1	108	45 3,39
	17131017	18131017	081-17	17	2517	1	108	45 5,07
20-B	17131019	18131019	081-19	19	2517	1	108	45 6,75
	17131021	18131021	081-21	21	2517	1	108	45 7,70
	17131023	18131023	081-23	23	2517	1	108	45 8,78
	17131025	18131025	081-25	25	2517	1	108	45 9,50
	17131030	18131030	081-30	30	3020	1	160	51 15,90
	17131038	-	081-38	38	3020	6	160	51 12,80
	17131045	-	081-45	45	3020	6	160	51 14,50
	17131057	-	081-57	57	3020	6	160	51 18,40
	17131076	-	081-76	76	3020	6	160	51 28,90
	17131095	-	081-95	95	3030	6	160	76 40,50
	17131114	-	081-114	114	4040	6	240	102 54,00

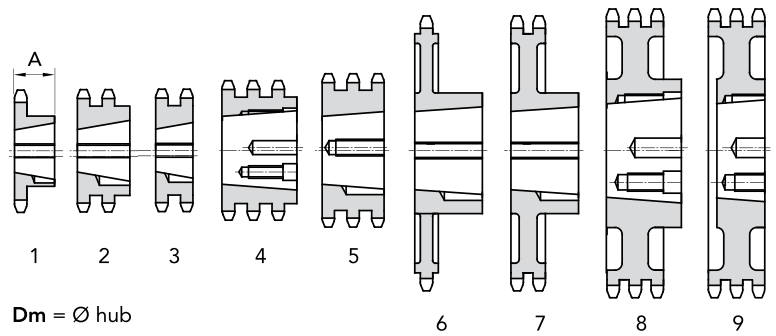
CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg



MATERIAL STEEL
C45 EN 10083

WITH INDUCTION HARDENED TEETH

CAST IRON G20/25 EN 1561



Hardened teeth HRC 45÷53

Triple - Tripli 12 B3								
PITCH	CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
3/4" 19,05mm	17319015	063-15	15	1615	5	-	-	1,11
	17319017	063-17	17	2012	5	-	-	1,75
12-B	17319019	063-19	19	2012	5	-	-	2,02
	17319021	063-21	21	2517	5	-	-	2,49
	17319023	063-23	23	2517	5	-	-	3,00
	17319025	063-25	25	2517	5	-	-	3,98
	17319027	063-27	27	3020	4	140	51	3,90
	17319030	063-30	30	3020	4	140	51	5,64
	17319038	063-38	38	3020	4	140	51	11,58
	17319045	063-45	45	3020	4	159	51	12,11
	17319057	063-57	57	3020	8	160	51	11,40
	17319076	063-76	76	3020	8	160	51	17,20
	17319095	063-95	95	3030	8	160	76	27,60
	17319114	063-114	114	3030	8	160	76	35,00

CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg

Triple - Tripli 16 B3								
PITCH	CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg
1" 25,40mm	17325017	083-17	17	2517	5	-	-	4,29
	17325019	083-19	19	3020	5	-	-	4,36
16-B	17325021	083-21	21	3020	5	-	-	6,69
	17325023	083-23	23	3525	5	-	-	7,80
	17325025	083-25	25	3525	5	-	-	10,93
	17325027	083-27	27	3525	5	-	-	14,06
	17325030	083-30	30	3525	5	-	-	19,10
	17325038	083-38	38	3535	8	178	87	19,50
	17325045	083-45	45	4040	8	216	102	29,80
	17325057	083-57	57	4040	8	216	102	38,50
	17325076	083-76	76	4040	8	216	102	53,75
	17325095	083-95	95	4040	8	240	102	80,80
	17325114	083-114	114	4545	8	260	115	120,00

CODE	CODE PITCH	Z	TAPER BRUSH	EXEC. TYPE	Dm	A	Kg



3/8" x 7/32" (06-B)

CHAIN SPROCKETS

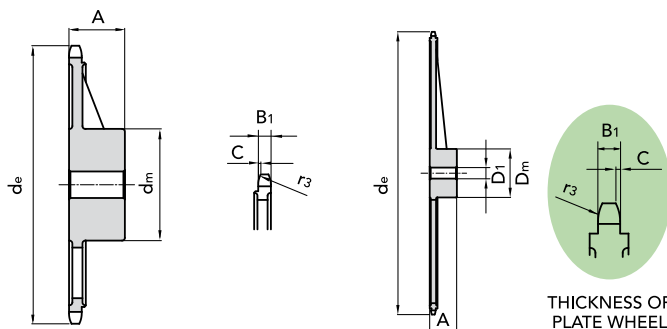
r_3	10,0 mm
C	1,0 mm
$B_1 (S)$	5,3 mm
$b_1 (D-T)$	5,2 mm
$B_2 (D)$	15,4 mm
$B_3 (T)$	25,6 mm

CHAIN

Pitch	9,525 mm
Inner width	5,72 mm
Roller Ø	6,35 mm

We do manufacture **SPROCKETS** in cast iron version **ASA** upon request

Simple chain sprockets with duplex reinforce



THICKNESS OF
PLATE WHEEL

Simple - Semplici 06-B-1

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
38	119,5	115,35	12109038	70	20	32	1,12
45	140,7	136,55	12109045	70	20	32	1,30
57	176,9	172,91	12109057	70	20	32	1,55
76	234,9	230,49	12109076	70	20	32	2,00
95	292,5	288,08	12109095	80	20	40	3,83
114	349,6	345,68	12109114	80	20	40	4,05
150	459,2	454,82	12109150	90	21	45	4,05

Double - Doppi 06-B-2

CODE	d _m	D ₁	A	kg.
12209038	80	24	40	1,90
12209045	80	24	40	2,06
12209057	80	24	40	2,30
12209076	80	24	40	3,02
12209095	90	24	45	4,68
12209114	95	24	45	5,90
12209150	100	24	50	5,90

Triple - Tripli 06-B-3

CODE	d _m	D ₁	A	kg.
12309038	90	24	56	3,00
12309045	90	24	56	3,56
12309057	90	24	56	3,97
12309076	100	24	56	4,52
12309095	100	24	56	6,12
12309114	100	24	56	10,00
12309150	125	24	60	9,00

1/2" x 5/16" (08-B)

CHAIN SPROCKETS

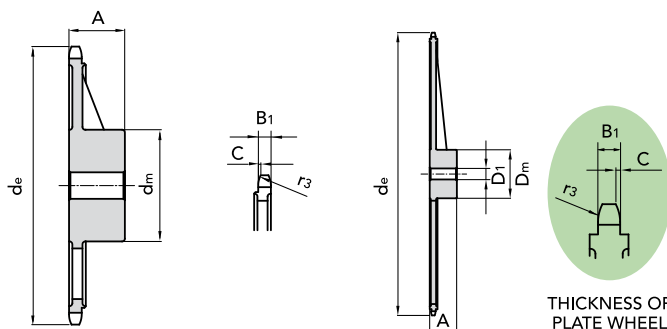
r_3	13,0 mm
C	1,3 mm
$B_1 (S)$	7,2 mm
$b_1 (D-T)$	7,0 mm
$B_2 (D)$	21,0 mm
$B_3 (T)$	34,9 mm

CHAIN

Pitch	12,7 mm
Inner width	7,75 mm
Roller Ø	8,51 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



THICKNESS OF
PLATE WHEEL

Simple - Semplici 08-B-1

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
38	158,6	153,8	12112038	70	20	40	1,56
45	188,0	182,0	12112045	70	20	40	1,95
57	236,4	230,54	12112057	70	20	40	2,46
76	313,3	307,33	12112076	80	24	40	4,20
95	390,1	384,11	12112095	80	24	45	5,45
114	466,9	460,9	12112114	91	24	45	8,35

Double - Doppi 08-B-2

CODE	d _m	D ₁	A	kg.
12212038	90	24	50	3,15
12212045	90	24	50	3,56
12212057	90	24	50	4,00
12212076	100	24	56	6,35
12212095	100	24	56	8,00
12212114	100	24	63	11,9

Triple - Tripli 08-B-3

CODE	d _m	D ₁	A	kg.
12312038	100	24	60	4,45
12312045	100	24	60	5,85
12312057	100	24	60	6,28
12312076	100	24	60	8,60
12312095	120	24	67	11,9
12312114	120	24	67	15,0



5/8" x 3/8" (10-B)

CHAIN SPROCKETS

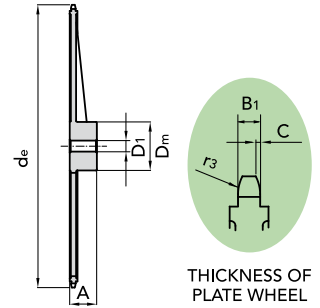
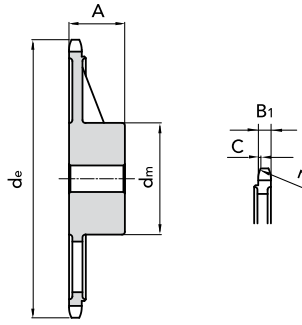
r_3	16,0 mm
C	1,6 mm
$B_1(S)$	9,1 mm
$b_1(D-T)$	9,0 mm
$B_2(D)$	25,5 mm
$B_3(T)$	42,1 mm

CHAIN

Pitch	15,875 mm
Inner width	9,65 mm
Roller Ø	10,16 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



THICKNESS OF PLATE WHEEL

Simple - Semplici 10-B-1							
Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
38	199,2	192,24	12115038	80	20	40	2,32
45	235	227,58	12115045	80	20	40	2,88
57	296	288,18	12115057	90	24	45	4,30
76	392,1	384,16	12115076	90	24	50	7,00
95	488,5	480,14	12115095	100	24	56	10,65
114	584,1	576,13	12115114	100	24	56	14,50

Double - Doppi 10-B-2					
CODE	d _m	D ₁	A	kg.	
12215038	100	30	50	4,56	
12215045	100	30	50	4,93	
12215057	100	30	56	6,50	
12215076	100	30	63	9,10	
12215095	110	30	63	12,6	
12215114	125	30	70	17,8	

Triple - Tripli 10-B-3					
CODE	d _m	D ₁	A	kg.	
12315038	100	32	60	6,00	
12315045	100	32	60	7,04	
12315057	100	32	63	8,00	
12315076	110	35	67	12,0	
12315095	125	35	70	19,4	
12315114	125	35	80	24,0	

3/4" x 7/16" (12-B)

CHAIN SPROCKETS

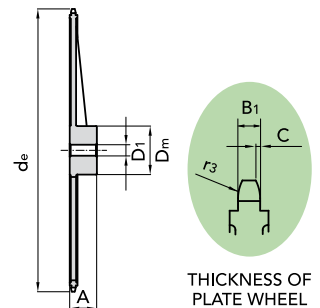
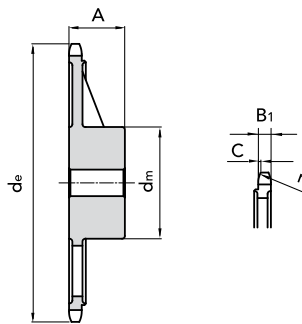
r_3	19,0 mm
C	2,0 mm
$B_1(S)$	11,1 mm
$b_1(D-T)$	10,8 mm
$B_2(D)$	30,3 mm
$B_3(T)$	49,8 mm

CHAIN

Pitch	19,05 mm
Inner width	11,68 mm
Roller Ø	12,07 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



THICKNESS OF PLATE WHEEL

Simple - Semplici 12-B-1							
Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
38	239	230,69	12119038	100	24	56	4,75
45	282,5	273,1	12119045	100	24	56	5,90
57	354	345,81	12119057	100	30	56	6,45
76	469,9	460,99	12119076	100	30	56	12,30
95	585,1	576,17	12119095	100	30	56	15,40
114	700,6	691,36	12119114	100	30	56	24,80

Double - Doppi 12-B-2					
CODE	d _m	D ₁	A	kg.	
12219038	110	24	63	7,50	
12219045	110	24	63	8,30	
12219057	120	30	63	10,3	
12219076	135	30	63	15,2	
12219095	135	30	70	21,2	
12219114	135	30	70	30,4	

Triple - Tripli 12-B-3					
CODE	d _m	D ₁	A	kg.	
12319038	140	31	70	10,00	
12319045	140	31	70	13,30	
12319057	140	39	70	15,25	
12319076	160	39	75	27,20	
12319095	170	39	82	36,40	
12319114	170	49	82	41,10	



1" x 17.02 mm (16-B)

CHAIN SPROCKETS

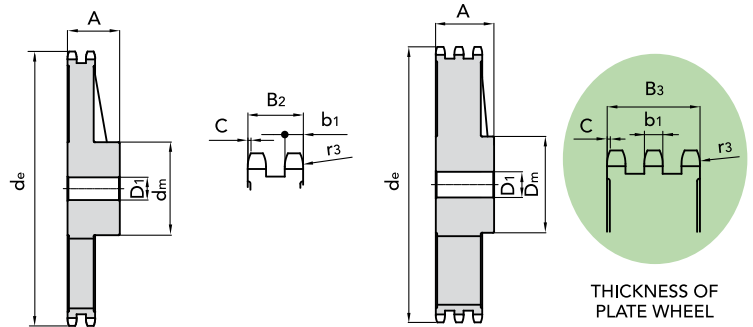
r_3	26,0 mm
C	2,5 mm
B_1	16,2 mm
b_1	15,8 mm
B_2	47,7 mm
B_3	79,6 mm

CHAIN

Pitch	25,40 mm
Inner width	17,02 mm
Roller Ø	5,88 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



Simple - Semplici 16-B-1						
Z	d_e	d_p	CODE	d_m	D_1	A
30	254	243	12125030	110	29	65
38	320	307,59	12125038	110	29	65
45	377	364,13	12125045	125	29	70
57	474	461,08	12125057	125	34	70
76	627	614,65	12125076	140	34	80
95	781	768,22	12125095	140	39	80
114	933	921,81	12125114	150	39	80

Double - Doppi 16-B-2					
CODE	d_m	D_1	A	kg.	
12225030	125	39	75	13,30	
12225038	140	39	75	16,45	
12225045	150	39	75	19,20	
12225057	170	39	90	29,50	
12225076	175	39	95	46,30	
12225095	175	44	95	53,00	
12225114	175	44	95	74,00	

Triple - Tripli 16-B-3					
CODE	d_m	D_1	A	kg.	
12325030	145	39	90	20,00	
12325038	160	44	100	25,40	
12325045	160	44	100	33,60	
12325057	165	44	100	44,70	
12325076	200	44	110	63,10	
12325095	200	49	110	77,00	
12325114	200	49	115	97,00	

1" 1/4 x 3/4" (20-B)

CHAIN SPROCKETS

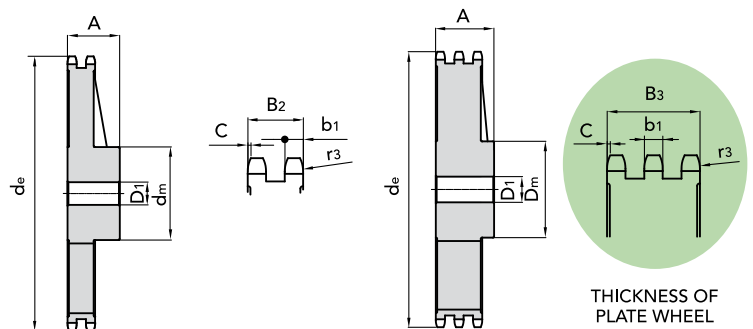
r_3	32,0 mm
C	3,5 mm
B_1	18,5 mm
b_1	18,2 mm
B_2	54,6 mm
B_3	91,0 mm

CHAIN

Pitch	31,75 mm
Inner width	19,56 mm
Roller Ø	19,05 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



Simple - Semplici 20-B-1						
Z	d_e	d_p	CODE	d_m	D_1	A
30	318,9	303,75	12131030	115	34	70
38	399,6	384,49	12131038	125	34	70
45	470,3	455,17	12131045	125	34	70
57	591,5	576,36	12131057	135	39	80
76	783,5	768,32	12131076	140	49	90

Double - Doppi 20-B-2					
CODE	d_m	D_1	A	kg.	
12231030	130	39	80	22,00	
12231038	140	44	90	24,80	
12231045	140	44	90	32,00	
12231057	160	49	100	43,00	
12231076	180	55	100	62,50	

Triple - Tripli 20-B-3					
CODE	d_m	D_1	A	kg.	
12331038	170	55	110	52,00	
12331057	180	62	125	71,50	

1" 1/2 x 1" (24-B)

CHAIN SPROCKETS

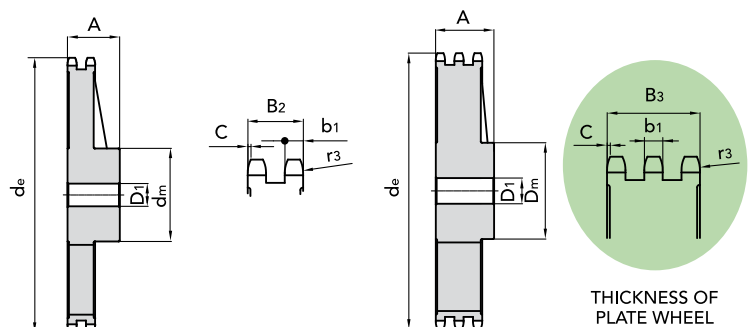
r_3	32,0 mm
C	3,5 mm
B_1	18,5 mm
b_1	18,2 mm
B_2	54,6 mm
B_3	91,0 mm

CHAIN

Pitch	31,75 mm
Inner width	19,56 mm
Roller Ø	19,05 mm

We do not manufacture **SPROCKETS** in cast iron version **ASA**

Simple chain sprockets with duplex reinforce



Simple - Semplici 24-B-1						
Z	d_e	d_p	CODE	d_m	D_1	A
30	379,5	364,5	12138030	130	39	85
38	476,2	461,39	12138038	140	44	90
45	561,2	546,2	12138045	140	44	90
57	706,5	691,63	12138057	160	44	100
76	936,9	921,98	12138076	170	44	100

Double - Doppi 24-B-2					
CODE	d_m	D_1	A	kg.	
12238038	180	44	100	42,20	
12238057	200	54	110	72,70	
12238076	220	54	120	125,00	

Triple - Tripli 24-B-3					
CODE	d_m	D_1	A	kg.	
12338038	200	62	150	42,50	
12338057	200	62	150	119,40	
12338076	250	69	150	150,00	



CHAIN SPROCKETS P50

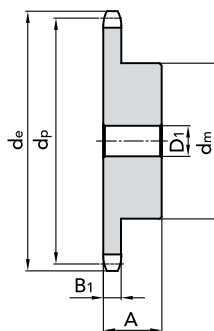
CHAIN

Pitch	50,0 mm
Inner width	11,5 mm
Roller Ø	25,0 mm
Plate thickness B1	10,5 mm

CHAIN

Pitch	50,0 mm
Inner width	15,0 mm
Roller Ø	31,0 mm
Plate thickness B1	13,8 mm

Upon request all the chain sprockets for transporters and elevators can be realized with **welded hub**



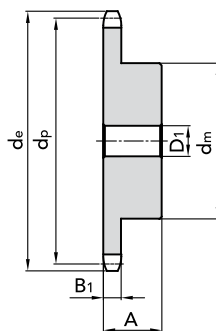
Roller - Rullo 25							
Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
6	115,0	100,0	14502506	20	60	40,5	1,11
7	132,7	115,24	14502507	20	60	40,5	1,37
8	148,1	130,6	14502508	20	60	40,5	1,55
9	163,7	146,2	14502509	20	60	40,5	1,89
10	179,3	161,80	14502510	25	90	43,3	3,10
11	195,0	177,5	14502511	25	90	43,3	3,44
12	211,0	193,2	14502512	25	90	43,3	4,79
13	226,4	208,95	14502513	30	90	43,3	4,17
14	242,2	224,7	14502514	30	90	43,3	4,63
15	257,9	240,45	14502515	30	90	43,3	5,09
16	273,8	256,3	14502516	30	110	55,4	8,26
17	289,5	272,05	14502517	30	110	55,4	9,10
18	305,4	287,95	14502518	30	110	55,4	9,26
19							
20	337,1	319,6	14502520	30	110	55,4	10,42
21	352,9	335,45	14502521	30	110	55,4	11,71
22							
23							
24	400,0	383,05	14502524	30	110	55,4	13,00
25	416,4	398,95	14502525	30	110	55,4	13,98
26	432,3	414,8	14502526	30	133	61,1	15,20
27	448,2	430,7	14502527	30	133	61,1	17,03
28	464,0	446,55	14502528	30	133	61,1	18,62
30	495,8	478,35	14502530	30	133	61,1	20,29
32							
35							
38	622,9	605,45	14502538	30	133	61,1	26,97

Roller - Rullo 31							
CODE	d _e	d _p	D ₁	d _m	A	kg.	
14503106	116,2	100	20	60	43,8	1,18	
14503107	133,8	115,24	20	60	43,8	1,44	
14503108	152,3	130,6	20	60	43,8	1,72	
14503109	167,9	146,2	20	60	43,8	2,05	
14503110	183,5	161,85	25	90	46,6	4,40	
14503111	199,2	177,5	25	90	46,6	3,80	
14503112	212,0	193,2	25	90	46,6	4,30	
14503113	230,6	208,95	30	90	46,6	4,78	
14503114	246,4	224,7	30	90	46,6	5,37	
14503115	262,1	240,45	30	90	46,6	5,98	
14503116	278,0	256,3	30	110	58,7	9,05	
14503118	309,6	287,95	30	110	58,7	10,30	
14503119	325,5	303,8	30	110	58,7	11,10	
14503120	341,3	319,6	30	110	58,7	11,90	
14503122	373,0	351,35	30	110	58,7	13,54	
14503123	388,9	367,2	30	110	58,7	14,38	
14503124	404,7	383,05	30	110	58,7	15,35	
14503125	419,7	398,95	30	110	58,7	16,40	
14503126	436,5	414,8	30	133	64,4	18,81	
14503127	452,4	430,7	30	133	64,4	19,00	
14503128	468,2	446,55	30	133	64,4	21,00	
14503132	531,8	510,1	30	133	64,4	25,93	
14503135	579,5	557,8	30	133	64,4	28,40	
14503138	622	605,45	30	133	64,4	32,10	

CHAIN SPROCKETS **P75****CHAIN**

Pitch	75,0 mm
Inner width	15,0 mm
Roller Ø	31,0 mm
Plate thickness B1	13,8 mm

Upon request all the chain sprockets for transporters and elevators can be realized with **welded hub**



Roller - Rullo 31

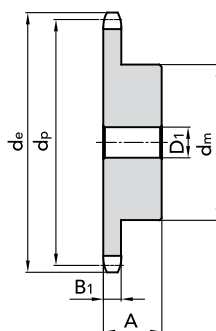
Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
8	217,6	195,98	14753108	30	90	46,6	4,52
9	241	219,3	14753109	30	90	46,6	5,36
10	264,4	242,77	14753110	30	110	58,7	8,70
11	287,9	266,25	14753111	30	110	58,7	9,60
12	311,5	289,8	14753112	30	110	58,7	10,73
13	334,1	313,42	14753113	30	110	58,7	11,83
14	358,7	337,05	14753114	30	110	58,7	11,83
15	382,3	360,67	14753115	30	110	58,7	14,45
16	406,1	384,45	14753116	30	133	64,4	17,43
17	429,7	408,07	14753117	30	133	64,4	17,43
21	524,8	503,17	14753121	30	133	64,4	26,07
25	620,1	598,42	14753125	30	133	64,4	26,07

CHAIN SPROCKETS **P100****CHAIN**

Pitch	100,0 mm
Inner width	15,0 mm
Roller Ø	31,0 mm
Plate thickness B1	13,8 mm

CHAIN

Pitch	100,0 mm
Inner width	22,0 mm
Roller Ø	40,0 mm
Plate thickness B1	20,0 mm



Roller - Rullo 31

Z	d _e	d _p	CODE	d _m	D ₁	A	kg.
8	282,9	261,31	14993108	30	110	58,7	9,67
9	314,1	292,4	14993109	30	110	58,7	10,95
10	345,4	323,61	14993110	30	110	58,7	12,63
11	376,7	354,95	14993111	30	110	58,7	12,14
12	408,1	386,4	14993112	30	110	58,7	16,51
13	439,6	417,9	14993113	30	110	58,7	18,51
14							
15							
16	534,3	512,6	14993116	30	133	64,4	27,16
17	565,8	544,1	14993117	30	133	64,4	30,01
18	597,6	575,9	14993118	30	133	64,4	51,20
19							
20							

Roller - Rullo 40

CODE	d _e	d _p	D ₁	d _m	A	kg.
14994008	283	261,31	30	110	65	11,97
14994009	314	292,4	30	110	65	14,04
14994010	345	323,61	30	110	65	16,35
14994011	378	354,95	30	110	65	18,82
14994012	409	386,4	30	110	65	21,58
14994014	473	449,4	30	110	65	28,14
14994016	536	512,6	30	133	70,6	33,87
14994020	663	639,2	30	133	70,6	48,50

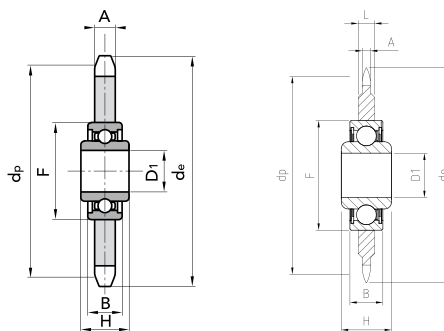




WITH BEARING INA KRR

Our chain tensioning sprockets are supplied complete with bearing, ready for assembly in special tension or transmission points.

The accurate machining and stable assembly on a dual protective shield ball bearing ensure greater resistance to loads and wear. The central elongated ring of the bearing facilitates assembly on special machines of every type.

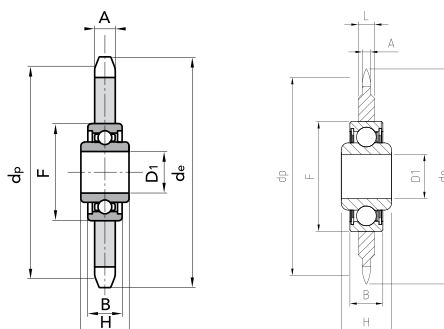


Z	PITCH	d _e	d _p	CODE	A	L	D ₁	F	B	H	Kg.
23	8 x 3	62,15	58,75	30008123	2,8	5	16	40	12	18,3	0,13
21	3/8" x 7/32"	68,00	63,90	30009121	5,3		16	40	12	18,3	0,15
18	1/2" x 1/8"	78,90	73,14	30010118	3,0	6	16	40	12	18,3	0,18
18	1/2" x 3/16"	78,90	73,13	30011118	4,5	6	16	40	12	18,3	0,20
16	1/2" x 5/16"	69,50	65,10	30012116	7,2		16	40	12	18,3	0,17
18	1/2" x 5/16"	77,80	73,14	30012118	7,2		16	40	12	18,3	0,22
14	5/8" x 3/8"	78,00	71,34	30015114	9,1		16	40	12	18,3	0,23
15	5/8" x 3/8"	83,00	76,36	30015115	9,1		16	40	12	18,3	0,27
17	5/8" x 3/8"	93,00	86,39	30015117	9,1		16	40	12	18,3	0,36
13	3/4" x 7/16"	87,50	79,59	30019113	11,1		16	40	12	18,3	0,34
15	3/4" x 7/16"	99,80	91,63	30019115	11,1		16	40	12	18,3	0,47
12	1" x 17.02	109,00	98,14	30025112	16,2		20	47	14	17,7	0,72
13	1"1/4 x 3/4"	147,80	132,65	30031113	18,5		25	52	15	21,0	1,64

WITH STANDARD BEARING

Our chain tensioning sprockets are supplied complete with bearing, ready for assembly in special tension or transmission points.

The accurate machining and stable assembly on a dual protective shield ball bearing ensure greater resistance to loads and wear. The central elongated ring of the bearing facilitates assembly on special machines of every type.



Z	PITCH	d _e	d _p	CODE	A	L	D ₁	F	B	H	Kg.
23	8 x 3	62,15	58,75	30008023	2,8	5	16	40	12	18,3	0,13
21	3/8" x 7/32"	68,00	63,90	30009021	5,3		16	40	12	18,3	0,15
22	3/8" x 7/32"	71,00	66,93	30009022	5,3		16	40	12	18,3	0,16
18	1/2" x 1/8"	78,90	73,14	30010018	3,0	6	16	40	12	18,3	0,18
15	1/2" x 3/16"	66,80	61,09	30011015	4,5	6	16	40	12	18,3	0,16
16	1/2" x 3/16"	70,90	65,10	30011016	4,5	6	16	40	12	18,3	0,17
18	1/2" x 3/16"	78,90	73,13	30011018	4,5	6	16	40	12	18,3	0,20
14	1/2" x 5/16"	61,80	57,07	30012014	7,2		16	40	12	18,3	0,13
16	1/2" x 5/16"	69,50	65,10	30012016	7,2		16	40	12	18,3	0,17
18	1/2" x 5/16"	77,80	73,14	30012018	7,2		16	40	12	18,3	0,22
14	5/8" x 3/8"	78,00	71,34	30015014	9,1		16	40	12	18,3	0,23
15	5/8" x 3/8"	83,00	76,36	30015015	9,1		16	40	12	18,3	0,27
17	5/8" x 3/8"	93,00	86,39	30015017	9,1		16	40	12	18,3	0,36
13	3/4" x 7/16"	87,50	79,59	30019013	11,1		16	40	12	18,3	0,34
15	3/4" x 7/16"	99,80	91,63	30019015	11,1		16	40	12	18,3	0,47
12	1" x 17.02	109,00	98,14	30025012	16,2		20	47	14	17,7	0,72
13	1"1/4 x 3/4"	147,80	132,65	30031013	18,5		25	52	15	21,0	1,64

Platewheels

LEGEND

PLATEWHEEL = *CORONA*

TOOTH RADIUS = *RAGGIO DENTE* = r_3

RADIUS = *RAGGIO* = C

PLATE TOOTH WIDTH = *LARGHEZZA DENTE CORONA* = $B_1 - b_1 - B_2 - B_3$

CHAIN = *CATENA*

PITCH = *PASSO*

INNER WIDTH = *LARGHEZZA INTERNA*

ROLLER DIAM = *RULLO*

Chiaravalli Group SpA offers a comprehensive range of plate wheels and sprockets for chains, providing an optimal solution for flexible mechanical transmission across various industries. Our products are designed and manufactured to deliver superior technical performance and quality.

Our range includes sprockets and chain wheels produced according to the latest international standards, including UNI, ISO, DIN, and ANSI. These standards define the chain and roller wheel space profile, as well as the acceptable minimum and maximum dimensions. However, since standard tolerance limits can be quite broad, manufacturers have the opportunity to optimize profile dimensions to enhance tooth durability and support higher stresses.

Through advanced manufacturing processes and specialized tools, we have developed a series of refined standard profiles that ensure higher precision. Our exclusive optimized profile design, protected by Chiaravalli Group's proprietary know-how, enhances chain engagement on the sprocket and plate wheel. This minimizes motion discontinuity, even in cases of unfavorable interaxes or transmission ratios. As a result, we have been able to include sprockets with a very low number of teeth in our catalog.

Despite being a fundamental transmission component, high machining accuracy is essential for gear wheel-chain systems. We achieve this precision using CNC machines

and advanced technologies that minimize shearing stress and improve surface finish quality. Our standard sprockets and wheels, as listed in our catalog, are also available in the "Taperlock" taper bush version, ideal for applications requiring easy assembly and precise centering tolerances.

In addition to standard products, Chiaravalli Group SpA offers a wide selection of single, multiple, and special roller chains for various industrial applications. We also specialize in manufacturing customized sprockets and plate wheels tailored to specific needs. These custom components can be produced from any material, following customer drawings, and can undergo heat treatments such as induction hardening or carburizing for enhanced durability.

Index

54	PLATEWHEELS ISO
78	PLATEWHEELS ASA
86	DUPLEX PLATEWHEELS FOR TWO SIMPLEX
87	DUPLEX PLATEWHEELS FOR TWO SIMPLEX TAPER LOCK®
88	PLATEWHEELS FOR CONVEYORS AND ELEVATORS
90	WHEELS FOR TABLE TOP CHAIN
92	HUBS



5x2,5 mm (03-B)

PLATEWHEEL

r_3 5,0 mm
C 0,6 mm
B₁ 2,3 mm

MATERIAL

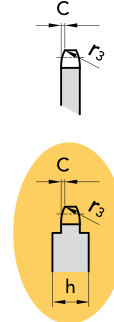
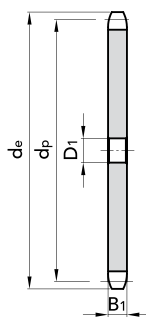
MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 5,0 mm
Inner width 2,5 mm
Roller Ø 3,2 mm

From **Z 52** the width of the disk wheel increased to **h = 4mm**



Simple - Semplici 03-B-1

Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.
8	4	15,2	13,06	20105008	0,01	40	8	65,9	63,73	20105040	0,05
9	4	16,8	14,62	20105009	0,01	42	8	69,1	66,91	20105042	0,06
10	4	18,3	16,18	20105010	0,01	44	8	72,2	70,09	20105044	0,07
11	5	19,9	17,75	20105011	0,01	45	8	73,8	71,68	20105045	0,07
12	5	21,5	19,32	20105012	0,01	46	8	75,4	73,27	20105046	0,07
13	5	23,0	20,89	20105013	0,01	48	8	78,6	76,45	20105048	0,08
14	5	24,6	22,47	20105014	0,01	50	8	81,8	79,63	20105050	0,08
15	5	26,2	24,04	20105015	0,01	52	10	85,0	82,81	20105052	0,17
16	6	27,8	25,63	20105016	0,01	55	10	89,7	87,58	20105055	0,18
17	6	29,4	27,20	20105017	0,01	56	10	91,3	89,17	20105056	0,19
18	6	30,9	28,79	20105018	0,01	57	10	92,9	90,76	20105057	0,20
19	6	32,5	30,38	20105019	0,01	58	10	94,5	92,35	20105058	0,20
20	6	34,1	31,96	20105020	0,01	59	10	96,1	93,94	20105059	0,21
21	8	35,7	33,54	20105021	0,01	60	10	97,7	95,53	20105060	0,23
22	8	37,3	35,13	20105022	0,02	62	12	100,9	98,72	20105062	0,24
23	8	38,9	36,72	20105023	0,02	64	12	104,1	101,90	20105064	0,27
24	8	40,5	38,30	20105024	0,02	65	12	105,6	103,49	20105065	0,28
25	8	42,0	39,89	20105025	0,02	66	12	107,2	105,08	20105066	0,31
26	8	43,6	41,48	20105026	0,02	70	12	113,6	111,44	20105070	0,36
27	8	45,2	43,07	20105027	0,02	75	12	121,6	119,40	20105075	0,37
28	8	46,8	44,65	20105028	0,03	76	12	123,1	120,99	20105076	0,41
30	8	50,0	47,83	20105030	0,03	80	12	129,5	127,35	20105080	0,46
32	8	53,2	51,01	20105032	0,03	85	14	137,5	135,31	20105085	0,52
33	8	54,8	52,60	20105033	0,04	90	14	145,4	143,27	20105090	0,58
34	8	56,3	54,19	20105034	0,04	95	14	153,4	151,22	20105095	0,65
35	8	57,9	55,78	20105035	0,04	100	14	161,3	159,18	20105100	0,79
36	8	59,5	57,37	20105036	0,04	114	14	183,6	181,46	20105114	0,85
37	8	61,1	58,96	20105037	0,05	120	14	193,2	191,01	20105120	0,95
38	8	62,7	60,54	20105038	0,05	125	14	201,1	198,96	20105125	1,03



6x2,8 mm (04-B)

PLATEWHEEL

r_3 6,0 mm
 C 0,7 mm
 B_1 2,6 mm

MATERIAL

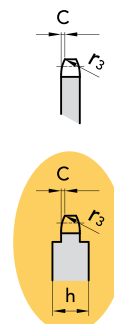
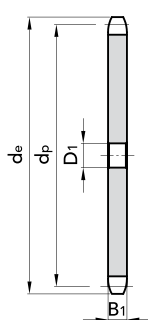
MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 6,0 mm
Inner width 2,8 mm
Roller Ø 4,0 mm

From **Z 52** the width of the disk wheel increased to **h = 4mm**



Simple - Semplici 04-B-1

Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.
8	5	18,0	15,67	20106008	0,01	40	8	78,9	76,47	20106040	0,09
9	5	19,9	17,54	20106009	0,01	42	10	82,7	80,28	20106042	0,10
10	6	21,7	19,42	20106010	0,01	44	10	86,6	84,10	20106044	0,11
11	6	23,6	21,30	20106011	0,01	45	10	88,5	86,01	20106045	0,11
12	8	25,4	23,18	20106012	0,01	46	10	90,4	87,92	20106046	0,12
13	8	27,3	25,05	20106013	0,01	48	10	94,2	91,74	20106048	0,13
14	8	29,2	26,96	20106014	0,01	50	10	98,0	95,55	20106050	0,14
15	8	31,0	28,86	20106015	0,01	52	12	101,8	99,37	20106052	0,25
16	8	33,0	30,76	20106016	0,01	54	12	105,6	103,17	20106054	0,26
17	8	35,0	32,65	20106017	0,01	55	12	107,6	105,08	20106055	0,27
18	8	36,9	34,55	20106018	0,02	56	12	109,5	107,01	20106056	0,28
19	8	38,8	36,44	20106019	0,02	57	12	111,4	108,92	20106057	0,29
20	8	40,7	38,34	20106020	0,02	58	12	113,3	110,83	20106058	0,30
21	8	42,6	40,25	20106021	0,02	60	12	117,1	114,64	20106060	0,33
22	8	44,5	42,16	20106022	0,02	62	14	120,9	118,46	20106062	0,35
23	8	46,4	44,06	20106023	0,03	64	14	124,7	122,28	20106064	0,37
24	8	48,3	45,96	20106024	0,03	65	14	126,6	124,19	20106065	0,38
25	8	50,2	47,87	20106025	0,03	66	14	128,5	126,10	20106066	0,40
26	8	52,1	49,76	20106026	0,03	70	14	136,2	129,74	20106070	0,45
27	8	54,0	51,67	20106027	0,04	75	16	145,7	143,28	20106075	0,48
28	8	55,9	53,58	20106028	0,04	76	16	147,6	145,19	20106076	0,53
30	8	59,8	57,42	20106030	0,05	80	16	155,3	152,83	20106080	0,59
32	8	63,6	61,21	20106032	0,05	85	16	164,8	162,38	20106085	0,67
33	8	65,5	63,11	20106033	0,06	90	16	174,4	171,92	20106090	0,77
34	8	67,4	65,02	20106034	0,06	95	16	183,9	181,47	20106095	0,85
35	8	69,3	66,93	20106035	0,07	100	16	193,5	191,02	20106100	0,94
36	8	71,2	68,84	20106036	0,07	114	16	220,2	217,75	20106114	1,23
37	8	73,1	70,75	20106037	0,07	120	16	231,7	229,21	20106120	1,37
38	8	75,0	72,66	20106038	0,08	125	16	241,2	238,75	20106125	1,48

**1/4"x1/8"****PLATEWHEEL**

r_a 6,4 mm
C 0,7 mm
B₁ 2,9 mm

MATERIAL

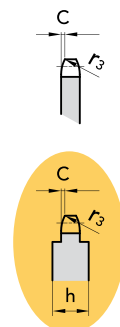
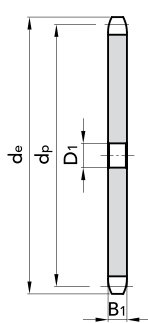
MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 6,35 mm
 Inner width 3,18 mm
 Roller Ø 3,30 mm

From **Z 52** the width of the disk wheel
 increased to **h = 4mm**

**Simple - Semplici**

Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.
8	6	19,4	16,58	20107008	0,005	42	10	87,8	84,97	20107042	0,117
9	6	21,4	18,56	20107009	0,005	44	10	91,8	89,01	20107044	0,120
10	6	23,3	20,55	20107010	0,006	45	10	93,8	91,03	20107045	0,135
11	8	25,3	22,54	20107011	0,008	46	10	95,8	93,05	20107046	0,140
12	8	27,3	24,53	20107012	0,010	48	10	99,9	97,09	20107048	0,150
13	8	29,3	26,53	20107013	0,013	50	10	103,9	101,13	20107050	0,170
14	8	31,3	28,53	20107014	0,013	52	12	108,0	105,16	20107052	0,260
15	8	33,3	30,53	20107015	0,013	54	12	112,0	109,18	20107054	0,294
16	8	35,3	32,55	20107016	0,016	55	12	114,0	111,23	20107055	0,296
17	8	37,3	34,55	20107017	0,017	56	12	116,0	113,25	20107056	0,310
18	8	39,4	36,56	20107018	0,021	57	12	118,1	115,27	20107057	0,320
19	8	41,4	38,58	20107019	0,023	58	12	120,1	117,29	20107058	0,330
20	8	43,4	40,58	20107020	0,026	60	12	124,1	121,32	20107060	0,360
21	8	45,4	42,60	20107021	0,028	62	12	128,2	125,37	20107062	0,390
22	8	47,4	44,62	20107022	0,030	64	12	132,2	129,41	20107064	0,420
23	8	49,4	46,63	20107023	0,038	65	12	134,2	131,43	20107065	0,430
24	8	51,4	48,64	20107024	0,038	66	14	136,2	133,45	20107066	0,440
25	8	53,5	50,66	20107025	0,040	70	14	144,3	141,53	20107070	0,505
26	8	55,5	52,67	20107026	0,040	75	14	154,4	151,63	20107075	0,580
27	8	57,5	54,69	20107027	0,045	76	14	156,5	153,66	20107076	0,590
28	8	59,5	56,71	20107028	0,056	80	16	164,5	161,74	20107080	0,660
30	8	63,6	60,75	20107030	0,060	85	16	174,6	171,85	20107085	0,750
32	10	67,6	64,78	20107032	0,060	90	16	184,7	181,95	20107090	0,840
33	10	69,6	66,80	20107033	0,070	95	16	194,8	192,05	20107095	0,940
34	10	71,6	68,82	20107034	0,070	100	16	204,9	202,15	20107100	1,050
35	10	73,6	70,84	20107035	0,080	110	16	225,1	222,37	20107110	1,280
36	10	75,6	72,85	20107036	0,085	114	16	233,2	230,45	20107114	1,380
37	10	77,7	74,87	20107037	0,090	120	16	245,4	242,58	20107120	1,530
38	10	79,7	76,89	20107038	0,095	125	16	255,5	252,68	20107125	1,660
40	10	83,7	80,93	20107040	0,110						





8x3mm (05-B)

PLATEWHEEL

r_3	8,0 mm
C	1,0 mm
B_1	2,8 mm
b_1	2,7 mm
B_2	8,3 mm

MATERIAL

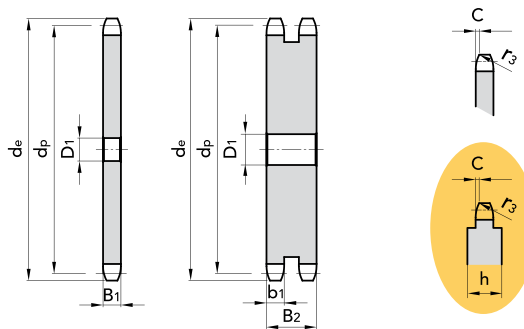
MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	8,0 mm
Inner width	3,0 mm
Roller Ø	5,0 mm

From **Z 46** the width of the disk wheel increased to **h = 4mm**



Simple - Semplici 05-B-1							Double - Doppi 05-B-2						
Z	D ₁	d ₀	d _p	CODE	Kg.		Z	D ₁	d ₀	d _p	CODE	Kg.	
8	6	24,0	20,90	20108008	0,01		8	6	24,00	20,90	20208008	0,010	
9	6	26,6	23,39	20108009	0,01		9	6	26,60	23,39	20208009	0,010	
10	8	29,2	25,89	20108010	0,02		10	8	29,20	25,89	20208010	0,020	
11	8	31,7	28,39	20108011	0,01		11	8	31,70	28,39	20208011	0,020	
12	8	34,2	30,91	20108012	0,02		12	8	34,20	30,91	20208012	0,030	
13	8	36,7	33,42	20108013	0,02		13	8	36,70	33,42	20208013	0,045	
14	8	39,2	35,95	20108014	0,02		14	8	39,20	35,95	20208014	0,050	
15	8	41,7	38,48	20108015	0,02		15	8	41,70	38,48	20208015	0,060	
16	8	44,3	41,01	20108016	0,03		16	10	44,30	41,01	20208016	0,070	
17	8	46,8	43,53	20108017	0,03		17	10	46,80	43,53	20208017	0,080	
18	8	49,3	46,07	20108018	0,04		18	10	49,30	46,07	20208018	0,090	
19	8	51,9	48,61	20108019	0,04		19	10	51,90	48,61	20208019	0,100	
20	8	54,4	51,14	20108020	0,05		20	10	54,40	51,14	20208020	0,110	
21	8	57,0	53,68	20108021	0,05		21	10	57,00	53,68	20208021	0,120	
22	8	59,5	56,21	20108022	0,06		22	10	59,50	56,21	20208022	0,140	
23	8	62,0	58,75	20108023	0,06		23	10	62,00	58,75	20208023	0,150	
24	8	64,6	61,29	20108024	0,07		24	10	64,60	61,29	20208024	0,170	
25	8	67,5	63,83	20108025	0,07		25	10	67,50	63,83	20208025	0,180	
26	10	69,5	66,37	20108026	0,08		26	12	69,50	66,37	20208026	0,200	
27	10	72,2	68,91	20108027	0,08		27	12	72,20	68,91	20208027	0,210	
28	10	74,8	71,45	20108028	0,09		28	12	74,80	71,45	20208028	0,230	
29	10	77,3	73,99	20108029	0,09		29	12	77,30	73,99	20208029	0,250	
30	10	79,8	76,53	20108030	0,10		30	12	79,80	76,53	20208030	0,270	
31	10	82,4	79,08	20108031	0,11		31	12	82,40	79,08	20208031	0,310	
32	10	84,9	81,61	20108032	0,13		32	12	84,90	81,61	20208032	0,330	
33	10	87,5	84,16	20108033	0,13		33	12	87,50	84,16	20208033	0,350	
34	10	90,0	86,70	20108034	0,14		34	12	90,00	86,70	20208034	0,350	
35	10	92,5	89,25	20108035	0,15		35	12	92,50	89,25	20208035	0,370	
36	10	95,0	91,79	20108036	0,15		36	12	95,00	91,79	20208036	0,370	
37	10	97,6	94,33	20108037	0,15		37						
38	10	100,2	96,88	20108038	0,16		38	12	100,20	96,88	20208038	0,420	
39	10	102,7	99,42	20108039	0,17		39	12	102,70	99,42	20208039	0,440	
40	10	105,3	101,97	20108040	0,20		40	12	105,30	101,97	20208040	0,470	



3/8"x7/32" (06-B)

PLATEWHEEL

r_3	10,0 mm
C	1,0 mm
B_1	5,3 mm
b_1	5,2 mm
B_2	15,4 mm
B_3	25,6 mm

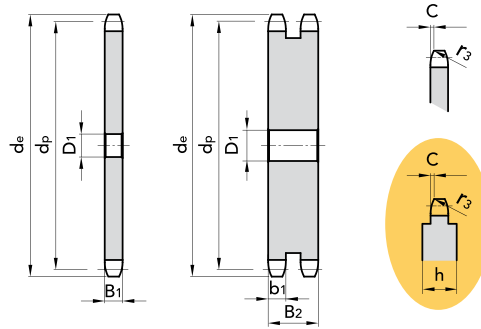
CHAIN

Pitch	9,525 mm
Inner width	5,72 mm
Roller $\varnothing$	6,35 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

From **Z 100** the width of the disk wheel increased to **h = 7mm**

Simple - Semplici 06-B-1

Z	D ₁	d ₀	d _p	CODE	Kg.
8	6	28,54	24,89	20109008	0,01
9	7	31,50	27,85	20109009	0,01
10	7	34,47	30,82	20109010	0,01
11	8	37,46	33,81	20109011	0,02
12	8	40,45	36,80	20109012	0,02
13	8	43,45	39,80	20109013	0,02
14	8	46,45	42,80	20109014	0,02
15	8	49,46	45,81	20109015	0,02
16	10	52,47	48,82	20109016	0,02
17	10	55,49	51,84	20109017	0,3
18	10	58,50	54,85	20109018	0,03
19	10	61,52	57,87	20109019	0,03
20	10	64,54	60,89	20109020	0,04
21	10	67,56	63,91	20109021	0,04
22	10	70,58	66,93	20109022	0,05
23	10	73,60	69,95	20109023	0,06
24	10	76,62	72,97	20109024	0,07
25	10	79,65	76,00	20109025	0,07
26	10	82,67	79,02	20109026	0,08
27	10	85,70	82,05	20109027	0,09
28	10	88,72	85,07	20109028	0,09
29	10	91,75	88,10	20109029	0,09
30	10	94,77	91,12	20109030	0,1
31	12	97,80	94,15	20109031	0,1
32	12	100,83	97,18	20109032	0,1
33	12	103,85	100,20	20109033	0,12
34	12	106,88	103,23	20109034	0,12
35	12	109,91	106,26	20109035	0,14
36	12	112,94	109,29	20109036	0,14
37	12	115,97	112,32	20109037	0,14
38	12	118,99	115,34	20109038	0,15
39	12	122,02	118,37	20109039	0,16
40	12	125,05	121,40	20109040	0,17
41	16	128,08	124,43	20109041	0,18
42	16	131,11	127,46	20109042	0,2
43	16	134,14	130,49	20109043	0,3

Double - Doppi 06-B-2

Z	D ₁	d ₀	d _p	CODE	Kg.
8	6	28,54	24,89	20209008	0,03
9	8	31,50	27,85	20209009	0,04
10	8	34,47	30,82	20209010	0,05
11	10	37,46	33,81	20209011	0,06
12	10	40,45	36,80	20209012	0,08
13	10	43,45	39,80	20209013	0,10
14	10	46,45	42,80	20209014	0,12
15	10	49,46	45,81	20209015	0,14
16	12	52,47	48,82	20209016	0,16
17	12	55,49	51,84	20209017	0,19
18	12	58,50	54,85	20209018	0,21
19	12	61,50	57,87	20209019	0,24
20	12	64,52	60,89	20209020	0,27
21	12	67,56	63,91	20209021	0,30
22	12	70,58	66,93	20209022	0,34
23	12	73,60	69,95	20209023	0,37
24	12	76,62	72,97	20209024	0,41
25	12	79,65	76,00	20209025	0,45
26	12	82,67	79,02	20209026	0,48
27	12	85,70	82,05	20209027	0,53
28	12	88,72	85,07	20209028	0,57
29	12	91,75	88,10	20209029	0,62
30	12	94,77	91,12	20209030	0,66
31	14	97,80	94,15	20209031	0,71
32	14	100,83	97,18	20209032	0,77
33	14	103,85	100,20	20209033	0,82
34	14	106,88	103,23	20209034	0,87
35	14	109,91	106,26	20209035	0,93
36	14	112,94	109,29	20209036	0,99
37	14	115,97	112,32	20209037	1,05
38	14	118,99	115,34	20209038	1,11
39	14	122,02	118,37	20209039	1,18
40	14	125,05	121,40	20209040	1,24
41	16	128,08	124,43	20209041	1,30
42	16	131,11	127,46	20209042	1,36
43	16	134,14	130,49	20209043	1,44



3/8"x7/32" (06-B)

PLATEWHEEL

r_3	10,0 mm
C	1,0 mm
B_1	5,3 mm
b_1	5,2 mm
B_2	15,4 mm
B_3	25,6 mm

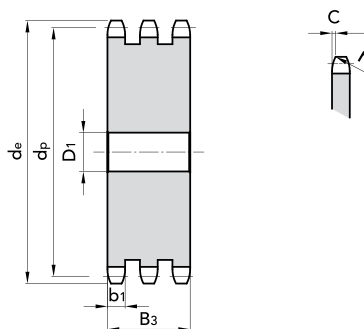
CHAIN

Pitch	9,525 mm
Inner width	5,72 mm
Roller Ø	6,35 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 06-B-3

Z	D ₁	d ₁	d ₂	CODE	Kg.
8	6	28,54	24,89	20309008	0,040
9	8	31,50	27,85	20309009	0,060
10	10	34,47	30,82	20309010	0,070
11	10	37,46	33,81	20309011	0,090
12	10	40,45	36,80	20309012	0,122
13	10	43,45	39,80	20309013	0,150
14	12	46,45	42,80	20309014	0,186
15	12	49,46	45,81	20309015	0,260
16	12	52,47	48,82	20309016	0,260
17	12	55,49	51,84	20309017	0,340
18	12	58,50	54,85	20309018	0,345
19	12	61,52	57,87	20309019	0,396
20	12	64,54	60,89	20309020	0,445
21	14	67,56	63,91	20309021	0,480
22	14	70,58	66,93	20309022	0,540
23	14	73,60	69,95	20309023	0,600
24	14	76,62	72,97	20309024	0,660
25	14	79,65	76,00	20309025	0,730
26	14	82,67	79,02	20309026	0,795
27	14	85,70	82,05	20309027	0,865
28	14	88,72	85,07	20309028	0,940
29	14	91,75	88,10	20309029	1,010
30	14	94,77	91,12	20309030	1,090
31	16	97,80	94,15	20309031	1,180
32	16	100,83	97,18	20309032	1,260
33	16	103,85	100,20	20309033	1,350
34	16	106,88	103,23	20309034	1,440
35	16	109,91	106,26	20309035	1,540
36	16	112,94	109,29	20309036	1,620
37					
38	16	118,99	115,34	20309038	1,800
39					
40	16	125,05	121,40	20309040	2,030
41	20	128,08	124,43	20309041	2,150
42	16	131,11	127,46	20309042	2,260
43	16	134,14	130,49	20309043	2,380

Z	D ₁	d ₁	d ₂	CODE	Kg.
44	16	137,17	133,52	20309044	2,500
45	16	140,20	136,55	20309045	2,460
46	16	143,23	139,58	20309046	2,750
47	16	146,26	142,61	20309047	2,880
48	16	149,29	145,64	20309048	3,010
49					
50	16	155,34	151,69	20309050	3,300
51	20	158,37	154,72	20309051	3,430
52	20	161,40	157,75	20309052	3,570
53					
54					
55					
56	20	173,53	169,88	20309056	4,140
57	20	176,56	172,91	20309057	4,300
58	20	179,59	175,93	20309058	4,460
60	20	185,65	181,99	20309060	4,800
62					
64	20	197,77	194,12	20309064	5,500
65	20	200,60	197,15	20309065	5,670
66	25	203,83	200,18	20309066	5,660
68					
70	25	215,95	212,30	20309070	6,630
72	25	222,02	218,37	20309072	7,030
75					
76	25	234,49	230,49	20309076	7,870
78					
80	25	246,26	242,61	20309080	8,760
85	25	261,42	257,77	20309085	9,930
90	25	276,58	272,93	20309090	11,17
95	25	291,73	288,08	20309095	12,49
100	25	306,89	303,25	20309100	13,89
110	25	337,20	333,55	20309110	16,89
114	25	349,33	345,68	20309114	18,17
120	25	367,52	363,86	20309120	20,18
125	25	382,68	379,02	20309125	21,94



1/2" x 1/8" (081)

PLATEWHEEL

r_3 13,0 mm
C 1,0 mm
B₁ 3,0 mm

MATERIAL

MATERIAL C45 EN 10083

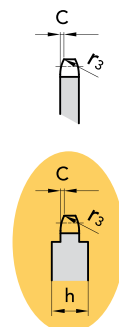
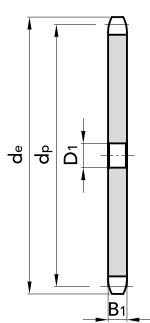
MATERIAL S235 JR EN 10025

CHAIN

Pitch 12,70 mm
Inner width 3,30 mm
Roller Ø 7,75 mm

From **Z 34** the width of the disk wheel increased to **h = 4mm**

From **Z 90** the width of the disk wheel increased to **h = 6mm**



Simple - Semplici 06-B-1

Z	D ₁	d _e	d _p	CODE	Kg.
8	8	37,2	33,18	20110008	0,02
9	8	41,5	37,13	20110009	0,02
10	8	46,2	41,10	20110010	0,02
11	8	49,6	45,07	20110011	0,03
12	8	53,9	49,07	20110012	0,04
13	8	58,4	53,06	20110013	0,04
14	8	62,8	57,07	20110014	0,05
15	8	66,8	61,09	20110015	0,06
16	10	70,9	65,10	20110016	0,07
17	10	74,9	69,11	20110017	0,08
18	10	78,9	73,14	20110018	0,09
19	10	82,9	77,16	20110019	0,10
20	10	86,9	81,19	20110020	0,11
21	10	91,0	85,22	20110021	0,11
22	10	95,0	89,24	20110022	0,13
23	10	99,0	93,27	20110023	0,15
24	10	103,0	97,29	20110024	0,16
25	10	107,1	101,33	20110025	0,17
26	12	111,2	105,36	20110026	0,26
27	12	115,4	109,40	20110027	0,28
28	12	119,4	113,42	20110028	0,32
29	12	123,4	117,46	20110029	0,33
30	12	127,5	121,50	20110030	0,35
32	12	135,5	129,56	20110032	0,40
33	12	139,6	133,60	20110033	0,43
34	12	143,6	137,64	20110034	0,46
35	12	147,6	141,68	20110035	0,49
36	16	151,7	145,72	20110036	0,51

Z	D ₁	d _e	d _p	CODE	Kg.
37	16	155,7	149,76	20110037	0,55
38	16	159,8	153,80	20110038	0,58
39	16	163,8	157,83	20110039	0,61
40	16	167,8	161,87	20110040	0,64
42	16	175,4	169,95	20110042	0,69
44	16	183,5	178,03	20110044	0,79
45	16	187,5	182,07	20110045	0,82
46	20	191,6	186,10	20110046	0,88
48	20	199,7	194,18	20110048	0,94
50	20	207,8	202,26	20110050	1,06
52	20	215,9	210,34	20110052	1,14
54	20	224,0	218,43	20110054	1,19
55	20	228,0	222,46	20110055	1,25
56	20	232,1	226,50	20110056	1,30
57	20	236,1	230,54	20110057	1,35
58	20	240,2	234,58	20110058	1,45
60	20	248,2	242,66	20110060	1,50
65	20	268,8	262,86	20110065	1,61
66					
68	25	280,9	274,99	20110068	1,87
70	25	289,0	283,07	20110070	2,05
76	25	313,3	307,33	20110076	2,19
80	25	329,4	323,48	20110080	2,42
90	25	369,9	363,90	20110090	4,53
95	25	390,1	384,10	20110095	5,00
100	25	410,3	404,31	20110100	5,61
114	25	466,9	460,90	20110114	7,42
120	25	491,2	486,16	20110120	8,00





1/2"x3/16" (083/084)

PLATEWHEEL

r_3 13,0 mm
C 1,3 mm
B₁ 4,5 mm

MATERIAL

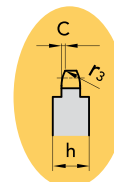
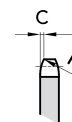
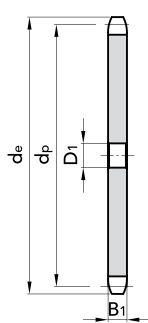
MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 12,7 mm
Inner width 4,88 mm
Roller Ø 7,75 mm

From **Z 90** the width of the disk wheel increased to **h = 6mm**



Simple - Semplici 083/084

Z	D ₁	d _e	d _p	CODE	Kg.
8	8	38,5	33,18	20111008	0,02
9	8	41,5	37,13	20111009	0,03
10	8	46,2	41,10	20111010	0,04
11	8	49,6	45,07	20111011	0,05
12	8	53,9	49,07	20111012	0,05
13	8	58,4	53,06	20111013	0,06
14	8	62,8	57,07	20111014	0,08
15	8	66,8	61,09	20111015	0,09
16	10	70,9	65,10	20111016	0,10
17	10	74,9	69,11	20111017	0,12
18	10	78,9	73,14	20111018	0,13
19	10	82,9	77,16	20111019	0,15
20	10	86,9	81,19	20111020	0,16
21	10	91,0	85,22	20111021	0,18
22	10	95,0	89,24	20111022	0,20
23	10	99,0	93,27	20111023	0,22
24	10	103,0	97,29	20111024	0,24
25	10	107,1	101,33	20111025	0,26
26	12	111,2	105,36	20111026	0,28
27	12	115,4	109,40	20111027	0,30
28	12	119,4	113,42	20111028	0,33
29	12	123,4	117,46	20111029	0,35
30	12	127,5	121,50	20111030	0,38
31	12	131,5	125,54	20111031	0,40
32	12	135,5	129,56	20111032	0,43
33	12	139,6	133,60	20111033	0,46
34	12	143,6	137,64	20111034	0,49
35	12	147,6	141,68	20111035	0,52
36	16	151,7	145,72	20111036	0,55
37	16	155,7	149,76	20111037	0,58
38	16	159,8	153,80	20111038	0,62
39	16	163,8	157,83	20111039	0,65
40	16	167,8	161,87	20111040	0,68
41	16	171,4	165,91	20111041	0,72
42	16	175,4	169,95	20111042	0,76

Z	D ₁	d _e	d _p	CODE	Kg.
43	16	179,5	173,99	20111043	0,80
44	16	183,5	178,03	20111044	0,83
45	16	187,5	182,07	20111045	0,87
46	20	191,6	186,10	20111046	0,91
47	20	195,6	190,14	20111047	0,95
48	20	199,7	194,18	20111048	0,99
49	20	203,7	198,22	20111049	1,04
50	20	207,8	202,26	20111050	1,08
51	20	211,8	206,30	20111051	1,12
52	20	215,9	210,34	20111052	1,17
53	20	219,9	214,37	20111053	1,22
54	20	224,0	218,43	20111054	1,26
55	20	228,0	222,46	20111055	1,31
56	20	232,1	226,50	20111056	1,36
57	20	236,1	230,54	20111057	1,41
58	20	240,2	234,58	20111058	1,46
60	20	248,2	242,66	20111060	1,57
62	20	256,7	250,75	20111062	1,68
64	20	264,8	258,82	20111064	1,80
65	20	268,8	262,86	20111065	1,85
66					
68	25	280,9	274,99	20111068	2,02
70	25	289,0	283,07	20111070	2,14
72	25	297,1	291,16	20111072	2,27
76	25	313,3	307,33	20111076	2,54
78					
80					
85	25	349,7	343,70	20111085	3,19
90	25	369,9	363,90	20111090	3,86
95	25	390,1	384,10	20111095	4,95
100	25	410,3	404,31	20111100	5,83
110	25	450,7	444,74	20111110	7,07
114	25	466,9	460,90	20111114	7,61
120	25	491,2	485,16	20111120	8,50
125	25	511,4	505,37	20111125	9,17



1/2"x1/4" RULLO 7.75 (085)

PLATEWHEEL

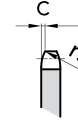
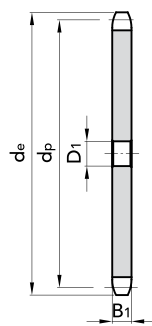
r_3 13,0 mm
 C 1,3 mm
 B_1 5,9 mm

MATERIAL

MATERIAL C45 EN 10083
MATERIAL S235 JR EN 10025

CHAIN

Pitch 12,70 mm
Inner width 6,40 mm
Roller Ø 7,75 mm



Simple - Semplici 085

Z	D ₁	d _e	d _o	CODE	Kg.	Z	D ₁	d _e	d _o	CODE	Kg.
8	8	38,5	33,18	20113008	0,030	39	16	163,8	157,83	20113039	0,950
9	8	41,5	37,13	20113009	0,038	40	16	167,8	161,87	20113040	0,980
10	8	46,2	41,10	20113010	0,040	41	16	171,4	165,91	20113041	0,980
11	8	49,6	45,07	20113011	0,059	42	16	175,4	169,95	20113042	0,990
12	8	53,9	49,07	20113012	0,072	43	16	179,5	173,99	20113043	1,030
13	8	58,4	53,06	20113013	0,100	44	16	183,5	178,03	20113044	1,090
14	8	62,8	57,07	20113014	0,100	45	16	187,5	182,07	20113045	1,150
15	8	66,8	61,09	20113015	0,115	46	20	191,6	186,10	20113046	1,170
16	10	70,9	65,10	20113016	0,120	47	20	195,6	190,14	20113047	1,270
17	10	74,9	69,11	20113017	0,150	48	20	199,7	194,18	20113048	1,380
18	10	78,9	73,14	20113018	0,190	49	20	203,7	198,22	20113049	1,390
19	10	82,9	77,16	20113019	0,210	50	20	207,8	202,26	20113050	1,440
20	10	86,9	81,19	20113020	0,220	52	20	215,9	210,34	20113052	1,620
21	10	91,0	85,22	20113021	0,240	54	20	224,0	218,43	20113054	1,710
22	10	95,0	89,24	20113022	0,240	56	20	232,1	226,50	20113056	1,750
23	10	99,0	93,27	20113023	0,250	57	20	236,1	230,54	20113057	1,850
24	10	103,0	97,29	20113024	0,310	58					
25	10	107,1	101,33	20113025	0,310	60	20	248,2	242,66	20113060	2,120
26	12	111,2	105,36	20113026	0,390	62	20	256,7	250,75	20113062	2,310
27	12	115,4	109,40	20113027	0,430	65	20	268,8	262,86	20113065	2,420
28	12	119,4	113,42	20113028	0,440	70	25	289,0	283,07	20113070	2,950
29						76	25	313,3	307,33	20113076	3,480
30	12	127,5	121,50	20113030	0,480	80	25	329,4	323,48	20113080	3,700
31	12	131,5	125,54	20113031	0,560	85	25	349,7	343,70	20113085	4,370
32	12	135,5	129,56	20113032	0,570	95	25	390,1	384,10	20113095	5,470
33	12	139,6	133,60	20113033	0,620	100	25	410,3	404,31	20113100	5,710
34	12	143,6	137,64	20113034	0,660	110	25	450,7	444,74	20113110	6,000
35	12	147,6	141,68	20113035	0,680	114	25	466,9	460,90	20113114	6,540
36	16	151,7	145,72	20113036	0,810	120					
37	16	155,7	149,76	20113037	0,910	125					
38	16	159,8	153,80	20113038	0,950						



1/2"x1/4" RULLO 8.51 (085)

PLATEWHEEL

r₃ 13,0 mm
C 1,3 mm
B₁ 5,9 mm

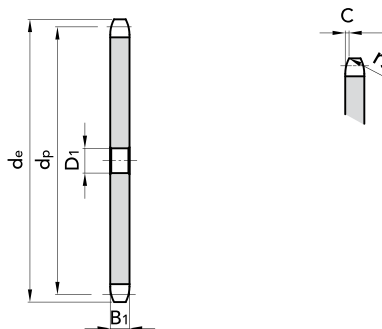
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 12,7 mm
Inner width 6,40 mm
Roller Ø 8,51 mm



Simple - Semplici 085

Z	D ₁	d _e	d _o	CODE	Kg.	Z	D ₁	d _e	d _o	CODE	Kg.
8	8	37,2	33,18	20114008	0,020	39	16	162,7	157,83	20114039	0,880
9	8	41,0	37,13	20114009	0,030	40	16	166,8	161,87	20114040	0,900
10						41	16	171,4	165,91	20114041	0,920
11	8	48,7	45,07	20114011	0,060	42	16	175,4	169,95	20114042	1,030
12	8	53,0	49,07	20114012	0,080	43	16	179,7	173,99	20114043	1,080
13	8	57,4	53,06	20114013	0,090	44					
14	8	61,8	57,07	20114014	0,100	45	16	188,0	182,07	20114045	1,150
15						46					
16	10	69,5	65,10	20114016	0,140	47	20	196,2	190,14	20114047	1,300
17	10	73,6	69,11	20114017	0,148	48					
18	10	77,8	73,14	20114018	0,157	49					
19	10	81,7	77,16	20114019	0,195	50	20	208,3	202,26	20114050	1,410
20	10	85,8	81,19	20114020	0,200	52					
21						54	20	224,1	218,43	20114054	1,720
22						56					
23	10	98,2	93,27	20114023	0,290	57	20	236,4	230,54	20114057	1,930
24	10	101,8	97,29	20114024	0,310	58					
25	10	105,8	101,33	20114025	0,330	60					
26	12	110,0	105,36	20114026	0,360	62	20	256,9	250,75	20114062	2,170
27	12	114,0	109,40	20114027	0,390	65	20	269,0	262,86	20114065	2,370
28	12	118,0	113,42	20114028	0,420	70					
29	12	122,0	117,46	20114029	0,480	76	25	313,3	307,33	20114076	3,310
30	12	126,1	121,50	20114030	0,490	80	25	329,4	323,48	20114080	3,830
31	12	130,2	125,54	20114031	0,550	85					
32	12	134,2	129,56	20114032	0,560	95					
33						100					
34						110	25	450,7	444,74	20114110	9,50
35	12	146,7	141,68	20114035	0,700	114					
36						120					
37	16	154,6	149,76	20114037	0,790	125					
38	16	158,6	153,80	20114038	0,800						



1/2"x5/16" (08-B)

PLATEWHEEL

r_3	13,0 mm
C	1,3 mm
B_1	7,2 mm
b_1	7,0 mm
B_2	21,0 mm
B_3	34,9 mm

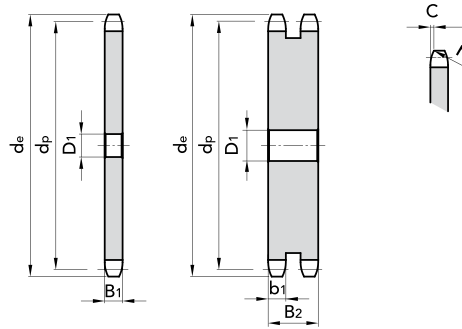
CHAIN

Pitch	12,70 mm
Inner width	7,75 mm
Roller Ø	8,51 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Simple - Semplici 08-B-1

Z	D ₁	d _o	d _p	CODE	Kg.
8	8	37,68	33,19	20112008	0,03
9	8	41,62	37,13	20112009	0,04
10	8	45,59	41,10	20112010	0,06
11	10	49,57	45,08	20112011	0,07
12	10	53,56	49,07	20112012	0,08
13	10	57,56	53,07	20112013	0,10
14	10	61,56	57,07	20112014	0,12
15	10	65,57	61,08	20112015	0,14
16	10	69,59	65,10	20112016	0,16
17	10	73,61	69,12	20112017	0,18
18	10	77,63	73,14	20112018	0,20
19	10	81,65	77,16	20112019	0,23
20	10	85,67	81,18	20112020	0,26
21	12	89,70	85,21	20112021	0,28
22	12	93,73	89,24	20112022	0,31
23	12	97,76	93,27	20112023	0,34
24	12	101,79	97,30	20112024	0,38
25	12	105,80	101,33	20112025	0,41
26	16	109,85	105,36	20112026	0,44
27	16	113,89	109,40	20112027	0,48
28	16	117,92	113,42	20112028	0,52
29	16	121,95	117,46	20112029	0,56
30	16	125,99	121,50	20112030	0,60
31	16	130,02	125,53	20112031	0,64
32	16	134,06	129,57	20112032	0,68
33	16	138,10	133,61	20112033	0,73
34	16	142,13	137,64	20112034	0,78
35	16	146,17	141,68	20112035	0,83
36	16	150,21	145,72	20112036	0,88
37	16	154,24	149,75	20112037	0,93
38	16	158,28	153,79	20112038	0,98
39	16	162,32	157,83	20112039	1,03
40	16	166,36	161,87	20112040	1,09
41	20	170,40	165,91	20112041	1,14
42	20	174,43	169,94	20112042	1,20
43	20	178,47	173,98	20112043	1,26

Double - Doppi 08-B-2

Z	D ₁	d _o	d _p	CODE	Kg.
8	10	37,68	33,19	20212008	0,07
9	10	41,62	37,13	20212009	0,10
10	10	45,59	41,10	20212010	0,13
11	12	49,57	45,08	20212011	0,17
12	12	53,56	49,07	20212012	0,21
13	12	57,56	53,07	20212013	0,25
14	12	61,56	57,07	20212014	0,30
15	12	65,57	61,08	20212015	0,36
16	14	69,59	65,10	20212016	0,41
17	14	73,61	69,12	20212017	0,47
18	14	77,63	73,14	20212018	0,54
19	14	81,65	77,16	20212019	0,61
20	14	85,67	81,18	20212020	0,68
21	16	89,70	85,21	20212021	0,75
22	16	93,73	89,24	20212022	0,83
23	16	97,76	93,27	20212023	0,92
24	16	101,79	97,30	20212024	1,01
25	16	105,80	101,33	20212025	1,10
26	16	109,85	105,36	20212026	1,20
27	16	113,89	109,40	20212027	1,31
28	16	117,92	113,42	20212028	1,42
29	16	121,95	117,46	20212029	1,53
30	16	125,99	121,50	20212030	1,65
31	16	130,02	125,53	20212031	1,77
32	16	134,06	129,57	20212032	1,90
33	16	138,10	133,61	20212033	2,02
34	16	142,13	137,64	20212034	2,16
35	16	146,17	141,68	20212035	2,30
36	20	150,21	145,72	20212036	2,42
37	20	154,24	149,75	20212037	2,56
38	20	158,28	153,79	20212038	2,71
39	20	162,32	157,83	20212039	2,87
40	20	166,36	161,87	20212040	3,03
41	20	170,40	165,91	20212041	3,20
42	20	174,43	169,94	20212042	3,36
43	20	178,47	173,98	20212043	3,53



1/2"x5/16" (08-B)

PLATEWHEEL

r_3	13,0 mm
C	1,3 mm
B_1	7,2 mm
b_1	7,0 mm
B_2	21,0 mm
B_3	34,9 mm

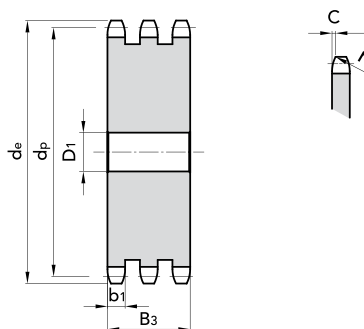
CHAIN

Pitch	12,70 mm
Inner width	7,75 mm
Roller Ø	8,51 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 08-B-3

Z	D1	d6	d5	CODE	Kg.
8	10	37,68	33,19	20312008	0,11
9	12	41,62	37,13	20312009	0,16
10	12	45,59	41,10	20312010	0,21
11	14	49,57	45,08	20312011	0,26
12	14	53,56	49,07	20312012	0,33
13	14	57,56	53,07	20312013	0,40
14	14	61,56	57,07	20312014	0,48
15	14	65,57	61,08	20312015	0,57
16	16	69,59	65,10	20312016	0,64
17	16	73,61	69,12	20312017	0,74
18	16	77,63	73,14	20312018	0,85
19	16	81,65	77,16	20312019	0,97
20	16	85,67	81,18	20312020	1,09
21	20	89,70	85,21	20312021	1,22
22	20	93,73	89,24	20312022	1,36
23	20	97,76	93,27	20312023	1,50
24	20	101,79	97,30	20312024	1,63
25	20	105,80	101,33	20312025	1,81
26	20	109,85	105,36	20312026	1,98
27	20	113,89	109,40	20312027	2,15
28	20	117,92	113,42	20312028	2,33
29	20	121,95	117,46	20312029	2,52
30	20	125,99	121,50	20312030	2,71
31	20	130,02	125,53	20312031	2,94
32	20	134,06	129,57	20312032	3,09
33	20	138,10	133,61	20312033	3,30
34	20	142,13	137,64	20312034	3,53
35	20	146,17	141,68	20312035	3,76
36	25	150,21	145,72	20312036	3,99
37					
38	25	158,28	153,79	20312038	4,49
39					
40	25	166,36	161,87	20312040	5,00
41					
42	25	174,43	169,94	20312042	5,51
43	25	178,47	173,98	20312043	5,80

Z	D1	d6	d5	CODE	Kg.
44	25	182,51	178,03	20312044	6,09
45	25	186,50	182,07	20312045	6,39
46	25	190,59	186,10	20312046	6,70
47	25	194,63	190,14	20312047	7,00
48	25	198,67	194,18	20312048	7,33
49	25	202,71	198,22	20312049	7,84
50	25	206,75	202,26	20312050	8,00
51					
52	25	214,83	210,34	20312052	8,68
53	25	218,87	214,37	20312053	9,02
54	25	222,91	218,43	20312054	9,40
55	25	226,95	222,46	20312055	9,77
56	25	230,99	226,50	20312056	10,15
57	25	235,03	230,54	20312057	10,53
58					
60	25	247,15	242,66	20312060	11,73
62	25	255,23	250,75	20312062	13,86
64	25	263,32	258,82	20312064	15,22
65	25	267,36	262,86	20312065	15,56
66					
68	25	279,48	274,99	20312068	15,72
70	25	295,64	283,07	20312070	16,17
72	25	295,64	291,16	20312072	17,14
75	25	307,77	303,27	20312075	18,65
76	25	311,81	307,33	20312076	19,17
78					
80	25	327,98	323,48	20312080	21,82
85	25	348,18	343,70	20312085	24,15
90	25	368,39	363,90	20312090	27,17
95	25	388,60	384,11	20312095	30,36
100	25	408,81	404,32	20312100	33,73
110					
114	25	465,40	460,90	20312114	44,10
120	25	489,65	485,16	20312120	49,70
125	25	509,86	505,37	20312125	55,21



5/8"x3/8" (10-B)

PLATEWHEEL

r_3	16,0 mm
C	1,6 mm
B_1	9,1 mm
b_1	9,0 mm
B_2	25,5 mm
B_3	42,1 mm

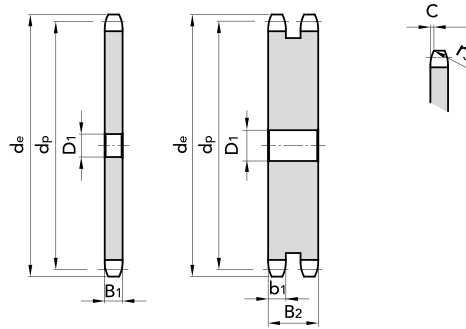
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	15,875 mm
Inner width	9,65 mm
Roller Ø	10,16 mm



Simple - Semplici 10-B-1

Z	D ₁	d _a	d _p	CODE	Kg.
8	10	48,32	41,48	20115008	0,06
9	10	53,26	46,42	20115009	0,09
10	10	58,21	51,37	20115010	0,11
11	10	63,19	56,35	20115011	0,14
12	10	68,18	61,34	20115012	0,17
13	10	73,17	66,33	20115013	0,20
14	10	78,18	71,34	20115014	0,23
15	10	83,19	76,35	20115015	0,27
16	12	88,21	81,37	20115016	0,31
17	12	93,23	86,39	20115017	0,36
18	12	98,26	91,42	20115018	0,41
19	12	103,29	96,45	20115019	0,46
20	12	108,32	101,48	20115020	0,51
21	12	113,35	106,51	20115021	0,57
22	12	118,39	111,55	20115022	0,62
23	12	123,43	116,59	20115023	0,69
24	12	128,46	121,62	20115024	0,75
25	12	133,50	126,66	20115025	0,82
26	16	138,54	131,70	20115026	0,88
27	16	143,58	136,74	20115027	0,95
28	16	148,63	141,79	20115028	1,03
29	16	153,67	146,83	20115029	1,11
30	16	158,71	151,87	20115030	1,19
31	16	163,76	156,92	20115031	1,28
32	16	168,80	161,96	20115032	1,36
33	16	174,85	167,01	20115033	1,45
34	16	178,89	172,05	20115034	1,55
35	16	183,94	177,10	20115035	1,64
36	20	188,99	182,15	20115036	1,73
37	20	194,03	187,19	20115037	1,83
38	20	199,08	192,24	20115038	1,94
39	20	204,13	197,29	20115039	2,05
40	20	209,17	202,33	20115040	2,16
41	20	214,22	207,38	20115041	2,29
42	20	219,27	212,43	20115042	2,39

Double - Doppi 10-B-2

Z	D ₁	d _a	d _p	CODE	Kg.
8	12	48,32	41,48	20215008	0,15
9	12	53,26	46,42	20215009	0,21
10	12	58,21	51,37	20215010	0,27
11	14	63,19	56,35	20215011	0,34
12	14	68,18	61,34	20215012	0,42
13	14	73,17	66,33	20215013	0,51
14	14	78,18	71,34	20215014	0,60
15	14	83,19	76,35	20215015	0,70
16	16	88,21	81,37	20215016	0,82
17	16	93,23	86,39	20215017	0,94
18	16	98,26	91,42	20215018	1,06
19	16	103,29	96,45	20215019	1,20
20	16	108,32	101,48	20215020	1,34
21	16	113,35	106,51	20215021	1,48
22	16	118,39	111,55	20215022	1,64
23	16	123,43	116,59	20215023	1,80
24	16	128,46	121,62	20215024	1,98
25	16	133,50	126,66	20215025	2,17
26	16	138,54	131,70	20215026	2,33
27	16	143,58	136,74	20215027	2,53
28	16	148,63	141,79	20215028	2,74
29	16	153,67	146,83	20215029	2,96
30	16	158,71	151,87	20215030	3,18
31	20	163,76	156,92	20215031	3,41
32	20	168,80	161,96	20215032	3,66
33	20	174,85	167,01	20215033	3,90
34	20	179,89	172,05	20215034	4,16
35	20	183,94	177,10	20215035	4,42
36	20	188,99	182,15	20215036	4,70
37	20	194,03	187,19	20215037	4,98
38	20	199,08	192,24	20215038	5,26
39	20	204,13	197,29	20215039	5,56
40	20	209,17	202,33	20215040	5,87
41	20	214,22	207,38	20215041	5,10
42	20	219,27	212,43	20215042	6,46



5/8"x3/8" (10-B)

PLATEWHEEL

r_3	16,0 mm
C	1,6 mm
B_1	9,1 mm
b_1	9,0 mm
B_2	25,5 mm
B_3	42,1 mm

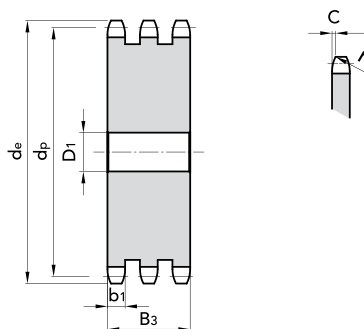
CHAIN

Pitch	15,875 mm
Inner width	9,65 mm
Roller Ø	10,16 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 10-B-3

Z	D ₁	d ₁	d ₂	CODE	Kg.
8	12	48,32	41,48	20315008	0,23
9	12	53,26	46,42	20315009	0,32
10	16	58,21	51,37	20315010	0,44
11	16	63,19	56,35	20315011	0,55
12	16	68,18	61,34	20315012	0,67
13	16	73,17	66,33	20315013	0,81
14	16	78,18	71,34	20315014	0,97
15	16	83,19	76,35	20315015	1,14
16	16	88,21	81,37	20315016	1,29
17	16	93,23	86,39	20315017	1,49
18	16	98,26	91,42	20315018	1,70
19	16	103,29	96,45	20315019	1,92
20	16	108,32	101,48	20315020	2,15
21	20	113,35	106,51	20315021	2,40
22	20	118,89	111,55	20315022	2,66
23	20	123,43	116,59	20315023	2,94
24	20	128,46	121,62	20315024	3,23
25	20	133,50	126,66	20315025	3,53
26	20	138,54	131,70	20315026	3,81
27	20	143,58	136,74	20315027	4,13
28	20	148,63	141,79	20315028	4,47
29	20	153,67	146,83	20315029	4,83
30	20	158,71	151,87	20315030	5,20
31	20	163,76	156,92	20315031	5,42
32	20	168,80	161,96	20315032	5,97
33	20	174,85	167,01	20315033	6,38
34	20	179,89	172,05	20315034	6,80
35	20	183,94	177,10	20315035	7,23
36	25	188,99	182,15	20315036	7,62
37	25	194,03	187,19	20315037	8,08
38	25	199,08	192,24	20315038	8,55
39	25	204,13	197,29	20315039	9,04
40	25	209,17	202,33	20315040	9,54
41	25	214,22	207,38	20315041	10,05
42	25	219,27	212,43	20315042	10,58

Z	D ₁	d ₁	d ₂	CODE	Kg.
43	25	224,32	217,49	20315043	10,98
44	25	229,37	222,53	20315044	11,67
45	25	234,42	227,58	20315045	12,24
46	25	239,47	232,63	20315046	12,82
47	25	244,52	237,68	20315047	13,10
48	25	249,57	242,73	20315048	14,01
49	25	254,62	247,78	20315049	14,86
50	25	259,66	252,82	20315050	15,26
51					
52	25	269,76	262,92	20315052	16,57
53	25	274,81	267,97	20315053	17,20
54					
55	25	284,92	278,08	20315055	18,62
56					
57	25	295,02	288,18	20315057	20,06
58					
60	25	310,17	303,32	20315060	22,31
62					
64	30	330,37	323,53	20315064	25,43
65	30	335,42	328,58	20315065	26,26
68	30	350,58	343,74	20315068	28,59
70	30	360,68	353,84	20315070	30,61
72	30	370,78	363,95	20315072	30,54
75	30	385,94	379,09	20315075	30,35
76	30	390,99	384,16	20315076	36,27
78					
80	30	411,20	404,35	20315080	40,30
85	30	436,46	429,62	20315085	45,60
90	30	461,72	454,88	20315090	51,32
95	30	486,98	480,14	20315095	57,32
100	30	512,24	505,39	20315100	63,60
110	30	562,76	555,92	20315110	77,27
114	30	582,97	576,13	20315114	83,15
120					
125	30	638,55	631,51	20315125	99,50



3/4"x7/16" (12-B)

PLATEWHEEL

r_3 19,0 mm
 C 2,0 mm
 B_1 11,1 mm
 b_1 10,8 mm
 B_2 30,3 mm
 B_3 49,8 mm

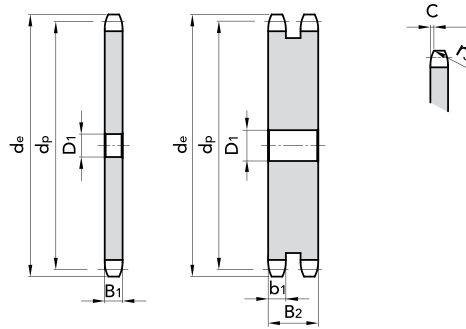
CHAIN

Pitch 19,05 mm
Inner width 11,68 mm
Roller Ø 12,07 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Simple - Semplici 12-B-1

Z	D ₁	d _a	d _p	CODE	Kg.
8	12	57,31	49,78	20119008	0,12
9	12	63,23	55,70	20119009	0,15
10	12	69,18	61,65	20119010	0,20
11	14	75,15	67,62	20119011	0,24
12	14	81,13	73,60	20119012	0,30
13	14	87,13	79,60	20119013	0,35
14	14	93,14	85,61	20119014	0,41
15	14	99,16	91,63	20119015	0,48
16	14	105,18	97,65	20119016	0,55
17	14	111,20	103,67	20119017	0,63
18	14	117,23	109,70	20119018	0,71
19	14	123,27	115,74	20119019	0,80
20	14	129,31	121,78	20119020	0,89
21	16	135,35	127,82	20119021	0,99
22	16	141,39	133,86	20119022	1,03
23	16	147,43	139,90	20119023	1,20
24	16	153,48	145,95	20119024	1,31
25	16	159,52	151,99	20119025	1,43
26	16	165,57	158,04	20119026	1,56
27	16	171,62	164,09	20119027	1,68
28	16	177,67	170,14	20119028	1,82
29	16	183,72	176,19	20119029	1,96
30	16	189,78	182,25	20119030	2,10
31	20	195,83	188,30	20119031	2,24
32	20	201,88	194,35	20119032	2,39
33	20	207,94	200,41	20119033	2,55
34	20	213,99	206,46	20119034	2,71
35	20	220,05	212,52	20119035	2,88
36	20	226,10	218,57	20119036	3,06
37	20	232,16	224,63	20119037	3,24
38	20	238,22	230,69	20119038	3,42
39	20	244,27	236,74	20119039	3,61
40	20	250,33	242,80	20119040	3,80
41	25	256,39	248,86	20119041	3,98
42	25	262,45	254,92	20119042	4,19
43	25	268,51	260,98	20119043	4,38

Double - Doppi 12-B-2

Z	D ₁	d _a	d _p	CODE	Kg.
8	12	57,31	49,78	20219008	0,26
9	12	62,23	55,70	20219009	0,36
10	12	69,18	61,65	20219010	0,46
11	16	75,15	67,62	20219011	0,59
12	16	81,13	73,60	20219012	0,72
13	16	87,13	79,60	20219013	0,88
14	16	93,14	85,61	20219014	1,02
15	16	99,16	91,63	20219015	1,20
16	20	105,18	97,65	20219016	1,39
17	20	111,20	103,67	20219017	1,60
18	20	117,23	109,70	20219018	1,81
19	20	123,27	115,74	20219019	2,05
20	20	129,31	121,78	20219020	2,30
21	20	135,35	127,82	20219021	2,53
22	20	141,39	133,86	20219022	2,80
23	20	147,43	139,90	20219023	3,09
24	20	153,48	145,95	20219024	3,39
25	20	159,52	151,99	20219025	3,70
26	20	165,57	158,04	20219026	4,03
27	20	171,62	164,09	20219027	4,38
28	20	177,67	170,14	20219028	4,73
29	20	183,72	176,19	20219029	5,10
30	20	189,78	182,25	20219030	5,49
31	20	195,83	188,30	20219031	5,88
32	20	201,88	194,35	20219032	6,30
33	20	207,94	200,41	20219033	6,72
34	20	213,99	206,46	20219034	7,16
35	20	220,05	212,52	20219035	7,61
36	25	226,10	218,57	20219036	7,99
37	25	232,16	224,63	20219037	8,47
38	25	238,22	230,69	20219038	8,96
39	25	244,27	236,74	20219039	9,50
40	25	250,33	242,80	20219040	9,99
41	25	256,39	248,86	20219041	10,51
42	25	262,45	254,92	20219042	11,07
43	25	268,51	260,98	20219043	11,63



3/4"x7/16" (12-B)

PLATEWHEEL

r₃	19,0 mm
C	2,0 mm
B₁	11,1 mm
b₁	10,8 mm
B₂	30,3 mm
B₃	49,8 mm

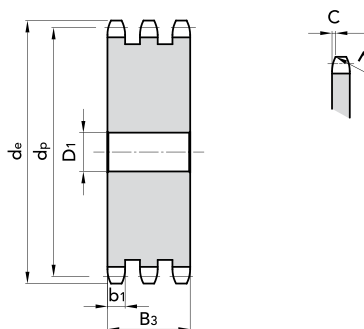
CHAIN

Pitch	19,05 mm
Inner width	11,68 mm
Roller Ø	12,07 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 12-B-3

Z	D ₁	d ₁	d ₂	CODE	Kg.
8	16	57,31	49,78	20319008	0,31
9	16	63,23	55,70	20319009	0,57
10	16	69,18	61,65	20319010	0,74
11	20	75,15	67,62	20319011	0,91
12	20	81,13	73,60	20319012	1,13
13	20	87,13	79,60	20319013	1,38
14	20	93,14	85,61	20319014	1,64
15	20	99,16	91,63	20319015	1,93
16	20	105,18	97,65	20319016	2,20
17	20	111,20	103,67	20319017	2,54
18	20	117,23	109,70	20319018	2,89
19	20	123,27	115,74	20319019	3,27
20	20	129,31	121,78	20319020	3,67
21	20	135,35	127,82	20319021	4,10
22	20	141,39	133,86	20319022	4,55
23	20	147,43	139,90	20319023	5,02
24	20	153,48	145,95	20319024	5,51
25	20	159,52	151,99	20319025	6,02
26	20	165,57	158,04	20319026	6,56
27	20	171,62	164,09	20319027	7,12
28	20	177,67	170,14	20319028	7,71
29	20	183,72	176,19	20319029	8,31
30	20	189,78	182,25	20319030	8,97
31	25	195,83	188,30	20319031	9,52
32	25	201,88	194,35	20319032	10,19
33	25	207,94	200,41	20319033	10,89
34	25	213,99	206,46	20319034	11,61
35	25	220,05	212,52	20319035	12,35
36	25	226,10	218,57	20319036	13,11
37	25	232,16	224,63	20319037	13,90
38	25	238,22	230,69	20319038	14,70
39	25	244,27	236,74	20319039	17,54
40	25	250,33	242,80	20319040	16,40
41					
42	25	262,45	254,92	20319042	18,17
43	25	268,51	260,98	20319043	19,09

Z	D ₁	d ₁	d ₂	CODE	Kg.
44	25	274,56	267,03	20319044	20,03
45	25	280,62	273,09	20319045	21,00
46					
47	25	294,74	285,21	20319047	23,00
48	25	298,80	291,27	20319048	24,04
49					
50	25	310,92	303,39	20319050	26,17
51					
52	25	323,04	315,51	20319052	28,40
53					
54	25	335,16	327,63	20319054	30,72
55	25	341,22	333,69	20319055	31,91
56					
57	30	353,34	345,81	20319057	34,00
58	30	359,40	351,87	20319058	34,28
59					
60	30	371,52	363,99	20319060	38,00
62					
64					
65	30	401,83	394,30	20319065	45,00
66	30	408,89	400,36	20319066	45,00
68					
70	30	432,14	424,61	20319070	52,42
72	30	444,26	436,73	20319072	55,55
75					
76	30	468,51	460,98	20319076	62,09
78					
80	30	492,76	485,23	20319080	68,98
85	30	510,95	503,42	20319085	78,10
90	30	553,38	545,85	20319090	87,79
95	30	583,70	576,17	20319095	98,04
100	30	614,01	606,48	20319100	108,86
110	30	674,64	667,11	20319110	120,30
114	30	698,89	691,36	20319114	142,15
120	30	735,27	727,74	20319120	157,77
125	30	765,59	758,06	20319125	171,41



1"x17.02 mm (16-B)

PLATEWHEEL

r_3 26,0 mm
 C 2,5 mm
 B_1 16,2 mm
 b_1 15,8 mm
 B_2 47,7 mm
 B_3 79,6 mm

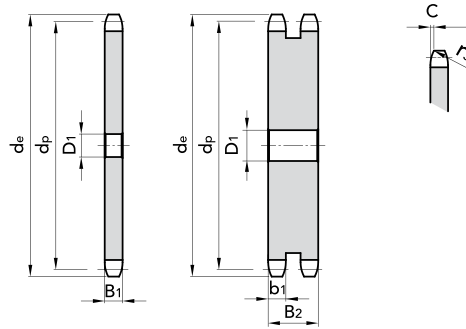
CHAIN

Pitch 25,40 mm
Inner width 17,02 mm
Roller $\varnothing$ 15,88 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Simple - Semplici 16-B-1

Z	D ₁	d _o	d _p	CODE	Kg.
8	14	77,49	66,37	20125008	0,30
9	14	85,38	74,26	20125009	0,39
10	15	93,32	82,20	20125010	0,51
11	15	101,28	90,14	20125011	0,63
12	15	109,26	98,14	20125012	0,77
13	15	117,26	106,14	20125013	0,92
14	15	125,27	114,15	20125014	1,08
15	15	133,29	122,17	20125015	1,26
16	19	141,32	130,20	20125016	1,43
17	19	149,35	138,23	20125017	1,64
18	19	157,39	146,27	20125018	1,85
19	19	165,44	154,32	20125019	2,08
20	19	173,49	162,37	20125020	2,32
21	20	181,54	170,42	20125021	2,58
22	20	189,60	178,48	20125022	2,84
23	20	197,66	186,54	20125023	3,13
24	20	205,72	194,60	20125024	3,42
25	20	213,78	202,66	20125025	3,73
26	20	221,80	210,72	20125026	4,05
27	20	229,91	218,79	20125027	4,38
28	20	237,98	226,86	20125028	4,73
29	20	246,05	234,93	20125029	5,09
30	20	254,12	243,00	20125030	5,46
31	25	262,19	251,07	20125031	5,82
32	25	270,26	259,14	20125032	6,22
33	25	278,33	267,21	20125033	6,63
34	25	287,40	275,28	20125034	7,06
35	25	294,48	283,36	20125035	7,50
36	25	302,55	291,43	20125036	7,95
37	25	310,63	299,51	20125037	8,41
38	25	318,70	307,58	20125038	8,88
39	25	326,78	315,66	20125039	9,37
40	25	334,86	323,74	20125040	9,88
41	25	342,93	331,81	20125041	10,39
42	25	351,01	339,89	20125042	19,92

Double - Doppi 16-B-2

Z	D ₁	d _o	d _p	CODE	Kg.
8	16	77,49	66,37	20225008	0,71
9	16	85,38	74,26	20225009	0,97
10	16	93,32	82,20	20225010	1,27
11	20	101,28	90,14	20225011	1,57
12	20	109,26	98,14	20225012	1,94
13	20	117,26	106,14	20225013	2,36
14	20	125,27	114,15	20225014	2,81
15	20	133,29	122,17	20225015	3,31
16	20	141,32	130,20	20225016	3,84
17	20	149,35	138,23	20225017	4,41
18	20	157,39	146,27	20225018	5,01
19	20	165,44	154,32	20225019	5,66
20	20	173,49	162,37	20225020	6,34
21	25	181,54	170,42	20225021	7,00
22	25	189,60	178,48	20225022	7,76
23	25	197,66	186,54	20225023	8,56
24	25	205,72	194,60	20225024	9,40
25	25	213,78	202,66	20225025	10,28
26	25	221,80	210,72	20225026	11,20
27	25	229,91	218,79	20225027	12,15
28	25	237,98	226,86	20225028	13,14
29	25	246,05	234,93	20225029	14,17
30	25	254,12	243,00	20225030	15,24
31	25	262,19	251,07	20225031	16,35
32	25	270,26	259,14	20225032	17,50
33	25	278,33	267,21	20225033	18,68
34	25	287,40	275,28	20225034	19,90
35	25	294,48	283,36	20225035	21,16
36	25	302,55	291,43	20225036	22,46
37	25	310,63	299,51	20225037	23,80
38	25	318,70	307,58	20225038	25,18
39	25	326,78	315,66	20225039	26,59
40	25	334,86	323,74	20225040	28,04
41					
42	25	351,01	339,89	20225042	31,07



1"x17.02 mm (16-B)

PLATEWHEEL

r_3	26,0 mm
C	2,5 mm
B_1	16,2 mm
b_1	15,8 mm
B_2	47,7 mm
B_3	79,6 mm

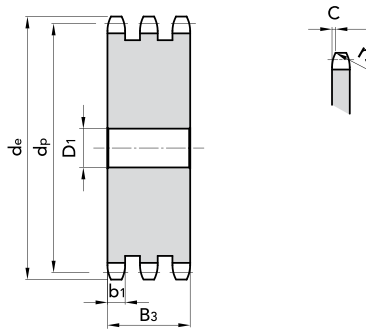
CHAIN

Pitch	25,40 mm
Inner width	17,02 mm
Roller Ø	15,88 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 16-B-3

Z	D ₁	d ₁	d ₂	CODE	Kg.
8	20	77,49	66,37	20325008	1,13
9	20	85,38	74,26	20325009	1,56
10	20	93,32	82,20	20325010	2,05
11	25	101,28	90,14	20325011	2,53
12	25	109,26	98,14	20325012	3,15
13	25	117,26	106,14	20325013	3,84
14	25	125,27	114,15	20325014	4,59
15	25	133,29	122,17	20325015	5,40
16	30	141,32	130,20	20325016	6,16
17	30	149,35	138,23	20325017	7,11
18	30	157,39	146,27	20325018	8,11
19	30	165,44	154,32	20325019	9,18
20	30	173,49	162,37	20325020	10,31
21	30	181,54	170,42	20325021	11,51
22	30	189,60	178,48	20325022	12,77
23	30	197,66	186,54	20325023	14,10
24	30	205,72	194,60	20325024	14,49
25	30	213,78	202,66	20325025	16,94
26	30	221,80	210,72	20325026	18,33
27	30	229,91	218,79	20325027	19,91
28	30	237,98	226,86	20325028	21,55
29	30	246,05	234,93	20325029	23,26
30	30	254,12	243,00	20325030	25,04
31	30	262,19	251,07	20325031	26,88
32	30	270,26	259,14	20325032	28,78
33	30	278,33	267,21	20325033	30,75
34	30	287,40	275,28	20325034	32,78
35	30	294,48	283,36	20325035	34,88
36	30	302,55	291,43	20325036	37,04
37					
38	30	318,70	307,58	20325038	41,56
39					
40	30	334,86	323,74	20325040	46,42
41					
42	30	351,01	339,89	20325042	51,34

Z	D ₁	d ₁	d ₂	CODE	Kg.
43					
44	30	367,17	356,05	20325044	56,63
45	30	375,24	364,12	20325045	59,36
46	30	383,32	372,20	20325046	62,17
47					
48	30	399,48	388,36	20325048	67,97
49					
50	30	415,64	404,52	20325050	74,01
51					
52	40	431,80	420,68	20325052	79,98
53					
54					
55	40	456,04	444,92	20325055	89,92
56					
57	40	472,20	461,08	20325057	96,87
58					
60	40	496,45	485,33	20325060	107,78
62					
64					
65	40	536,85	525,73	20325065	127,24
68	40	561,10	579,98	20325068	137,78
70	40	577,27	566,15	20325070	148,31
72	40	593,43	582,31	20325072	157,18
75					
76	40	625,76	614,64	20325076	175,70
78					
80	40	658,09	646,97	20325080	195,25
85	40	698,51	687,39	20325085	221,13
90	40	738,92	727,80	20325090	248,61
95	40	779,34	768,22	20325095	277,70
100					
110					
114	40	932,93	921,81	20325114	402,85
120					
125	40	1021,86	1010,74	20325125	485,90



1" 1/4x3/4" (20-B)

PLATEWHEEL

r_3	32,0 mm
C	3,5 mm
B_1	18,5 mm
b_1	18,2 mm
B_2	54,6 mm
B_3	91,0 mm

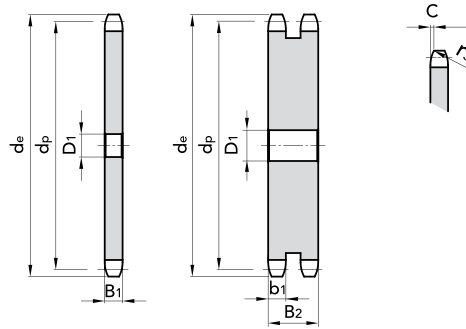
CHAIN

Pitch	31,75 mm
Inner width	19,56 mm
Roller Ø	19,05 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Simple - Semplici 20-B-1

Z	D ₁	d _a	d _p	CODE	Kg.
8	16	98,10	82,96	20131008	0,55
9	16	108,0	92,84	20131009	0,73
10	16	117,9	102,74	20131010	0,93
11	16	127,8	112,68	20131011	1,13
12	20	137,8	122,68	20131012	1,38
13	20	147,8	132,65	20131013	1,65
14	20	157,8	142,68	20131014	1,94
15	20	167,9	152,72	20131015	2,26
16	25	177,9	162,75	20131016	2,60
17	25	187,9	172,78	20131017	2,96
18	25	198,0	182,85	20131018	3,34
19	25	208,1	192,91	20131019	3,75
20	25	218,1	202,98	20131020	4,19
21	25	228,2	213,04	20131021	4,62
22	25	238,3	223,11	20131022	5,09
23	25	248,3	233,17	20131023	5,60
24	25	258,4	243,23	20131024	6,18
25	25	268,5	253,33	20131025	6,67
26	25	278,6	263,40	20131026	7,21
27	25	288,6	273,40	20131027	7,81
28	25	298,7	283,56	20131028	8,43
29	25	308,8	293,65	20131029	9,07
30	25	318,9	303,75	20131030	9,73
31	25	329,0	313,85	20131031	10,42
32	25	339,1	323,91	20131032	11,13
33	25	349,2	334,01	20131033	11,87
34	25	359,3	344,10	20131034	12,63
35	25	369,4	354,20	20131035	13,41
36	25	379,5	364,30	20131036	14,22
37	25	389,5	374,39	20131037	15,04

Double - Doppi 20-B-2

Z	D ₁	d _a	d _p	CODE	Kg.
8	20	98,10	82,96	20231008	1,28
9	20	108,00	92,84	20231009	1,74
10	20	117,90	102,74	20231010	2,28
11	20	127,80	112,68	20231011	2,89
12	20	137,80	122,68	20231012	3,56
13	20	147,80	132,65	20231013	4,31
14	20	157,80	142,68	20231014	5,12
15	20	167,90	152,72	20231015	6,00
16	25	177,90	162,75	20231016	6,78
17	25	187,90	172,78	20231017	7,80
18	25	198,00	182,85	20231018	8,89
19	25	208,10	192,91	20231019	10,05
20	25	218,10	202,98	20231020	11,27
21	25	228,20	213,04	20231021	12,56
22	25	238,30	223,11	20231022	13,93
23	25	248,30	233,17	20231023	15,36
24	25	258,40	243,23	20231024	16,86
25	25	268,50	253,33	20231025	18,43
26	25	278,60	263,40	20231026	20,07
27	25	288,60	273,40	20231027	21,17
28	25	298,70	283,56	20231028	23,56
29	25	308,80	293,65	20231029	25,39
30	25	318,90	303,75	20231030	27,30
31	25	329,00	313,85	20231031	29,29
32	25	339,10	323,91	20231032	31,34
33					
34	25	359,30	344,10	20231034	35,64
35	25	369,40	354,20	20231035	37,90
36					
37					



1" 1/4x3/4" (20-B)

PLATEWHEEL

r_3	32,0 mm
C	3,5 mm
B_1	18,5 mm
b_1	18,2 mm
B_2	54,6 mm
B_3	91,0 mm

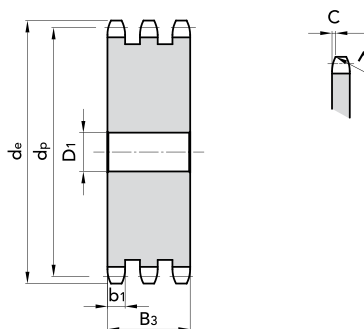
CHAIN

Pitch	31,75 mm
Inner width	19,56 mm
Roller Ø	19,05 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 20-B-3

Z	D ₁	d ₀	d _p	CODE	Kg.
8	20	98,10	82,96	20331008	2,02
9	20	108,0	92,84	20331009	2,79
10	20	117,9	102,74	20331010	3,77
11	20	127,8	112,68	20331011	4,53
12	20	137,8	122,68	20331012	5,64
13	20	147,8	132,65	20331013	4,87
14	20	157,8	142,68	20331014	8,20
15	20	167,9	152,72	20331015	9,65
16	25	177,9	162,75	20331016	11,07
17	25	187,9	172,78	20331017	12,75
18	25	198,0	182,85	20331018	14,54
19	25	208,1	192,91	20331019	16,45
20	25	218,1	202,98	20331020	18,47
21	25	228,2	213,04	20331021	20,62
22	25	238,3	223,11	20331022	22,87
23	25	248,3	233,17	20331023	25,24
24	25	258,4	243,23	20331024	27,72
25	25	268,5	253,33	20331025	30,32
26	25	278,6	263,40	20331026	33,03
27	25	288,6	273,40	20331027	35,86
28	25	298,7	283,56	20331028	38,80
29					
30	25	318,9	303,75	20331030	45,03
31					
32	25	339,1	323,91	20331032	51,72
33	25	349,2	334,01	20331033	55,17
34	25	359,3	344,10	20331034	58,86
35	25	369,4	354,20	20331035	62,60
36	30	379,5	364,30	20331036	66,46
37	30	389,5	374,39	20331037	70,37

Z	D ₁	d ₀	d _p	CODE	Kg.
38	30	399,6	384,49	20331038	74,52
39					
40	30	419,8	404,68	20331040	83,04
41					
42					
43					
44					
45	40	470,3	455,17	20331045	105,96
46					
48					
50	40	520,8	505,65	20331050	132,13
51					
52					
54					
55	40	571,3	556,16	20331055	161,16
56					
57	40	591,5	576,36	20331057	173,58
58					
60	40	621,8	606,65	20331060	193,06
64					
65	40	672,3	657,16	20331065	227,83
70	40	722,8	707,67	20331070	265,46
75					
76	40	783,5	768,32	20331076	314,39
80	40	823,9	808,72	20331080	340,0
85					
90					
95	40	975,4	960,28	20331095	420,0
100					
114	40	1167,4	1152,26	20331114	720,16



1" 1/2x1" (24-B)

PLATEWHEEL

r_3 38,0 mm
C 4,0 mm
B₁ 24,1 mm
b₁ 23,6 mm
B₂ 72,0 mm
B₃ 120,30 mm

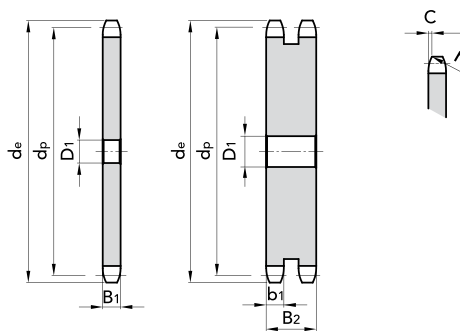
CHAIN

Pitch 38,1 mm
Inner width 25,4 mm
Roller Ø 25,4 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Simple - Semplici 24-B-1

Z	D ₁	d _o	d _p	CODE	Kg.
8	20	115,0	99,55	20138008	1,00
9	20	126,4	111,40	20138009	1,32
10	20	138,0	123,29	20138010	1,69
11	20	150,0	135,21	20138011	2,07
12	20	162,0	147,22	20138012	2,53
13	20	174,2	159,18	20138013	3,03
14	20	186,2	171,22	20138014	3,57
15	20	198,2	183,26	20138015	4,16
16	25	210,3	195,30	20138016	4,79
17	25	222,3	207,34	20138017	5,47
18	25	234,3	219,42	20138018	6,19
19	25	246,5	231,49	20138019	6,95
20	25	258,6	243,57	20138020	7,76
21	25	270,6	255,65	20138021	8,57
22	25	282,7	267,73	20138022	9,46
23	25	294,8	279,80	20138023	10,40
24	25	306,8	291,88	20138024	11,38
25	25	319,0	304,00	20138025	12,41
26	30	331,0	316,08	20138026	13,47
27	30	343,2	328,19	20138027	14,59
28	30	355,2	340,27	20138028	15,74
29	30	367,3	352,38	20138029	16,94
30	30	379,5	364,50	20138030	18,91
31	30	391,6	376,62	20138031	19,47
32	30	403,7	388,69	20138032	20,80
33	30	415,8	400,81	20138033	22,18
34	30	427,8	412,93	20138034	23,60
35	30	440,0	425,04	20138035	25,06
36	30	452,0	437,16	20138036	26,60
37	30	464,2	449,27	20138037	28,12
38	30	476,2	461,39	20138038	29,71
39					
40	30	500,6	485,62	20138040	33,03

Double - Doppi 24-B-2

Z	D ₁	d _o	d _p	CODE	Kg.
8	25	115,00	99,55	20238008	2,31
9	25	126,40	111,40	20238009	3,18
10	25	138,00	123,29	20238010	4,19
11	25	150,00	135,21	20238011	5,33
12	25	162,00	147,22	20238012	6,59
13	25	174,20	159,18	20238013	7,99
14	25	186,20	171,22	20238014	9,52
15	25	198,20	183,26	20238015	11,18
16	25	210,30	195,30	20238016	12,85
17	25	222,30	207,34	20238017	14,77
18	25	234,30	219,42	20238018	16,82
19	25	246,50	231,49	20238019	19,00
20	25	258,60	243,57	20238020	21,31
21	25	270,60	255,65	20238021	23,75
22	25	282,70	267,73	20238022	26,33
23	25	294,80	279,80	20238023	29,03
24	25	306,80	291,88	20238024	31,86
25	25	319,00	304,00	20238025	34,83
26	30	331,00	316,08	20238026	37,93
27	30	343,20	328,19	20238027	41,15
28	30	355,20	340,27	20238028	44,51
29	30	367,30	352,38	20238029	48,00
30	30	379,50	364,50	20238030	51,61
31	30	391,60	376,62	20238031	55,05
32	30	403,70	388,69	20238032	58,93
33	30	415,80	400,81	20238033	62,94
34	30	427,80	412,93	20238034	67,08
35	30	440,00	425,04	20238035	71,35
36	30	452,00	437,16	20238036	75,75
37	30	464,20	449,27	20238037	80,28
38	30	476,20	461,39	20238038	84,95
39					
40	30	500,60	485,62	20238040	94,66



1" 1/2x1" (24-B)

PLATEWHEEL

r_3	38,0 mm
C	4,0 mm
B_1	24,1 mm
b_1	23,6 mm
B_2	72,0 mm
B_3	120,30 mm

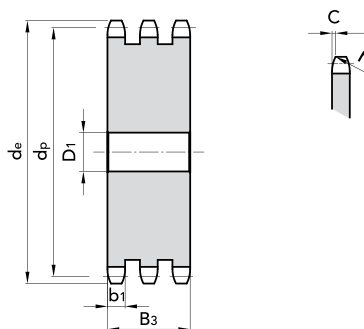
CHAIN

Pitch	38,1 mm
Inner width	25,4 mm
Roller Ø	25,4 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025



Triple - Tripli 24-B-3

Z	D ₁	d _o	d _p	CODE	Kg.
8	25	115,0	99,55	20338008	3,67
9	25	126,4	111,40	20338009	5,10
10	25	138,0	123,29	20338010	6,75
11	25	150,0	135,21	20338011	8,42
12	25	162,0	147,22	20338012	10,50
13	25	174,2	159,18	20338013	12,81
14	25	186,2	171,22	20338014	15,33
15	25	198,2	183,26	20338015	18,08
16	25	210,3	195,30	20338016	21,04
17	25	222,3	207,34	20338017	24,22
18	25	234,3	219,42	20338018	27,61
19	25	246,5	231,49	20338019	31,23
20	25	258,6	243,57	20338020	35,06
21	30	270,6	255,65	20338021	38,60
22	30	282,7	267,73	20338022	42,87
23	30	294,8	279,80	20338023	47,36
24	30	306,8	291,88	20338024	52,07
25	30	319,0	304,00	20338025	56,99
26	30	331,0	316,08	20338026	62,14
27	30	343,2	328,19	20338027	67,50
28	30	355,2	340,27	20338028	73,08
29					
30	40	379,5	364,50	20338030	84,90
31					
32	40	403,7	388,69	20338032	97,59
33					
34					
35	40	440,0	425,04	20338035	118,26
36					
37					
38	40	476,2	416,39	20338038	140,90
39					
40	40	500,6	485,62	20338040	158,08

Z	D ₁	d _o	d _p	CODE	Kg.
41					
42					
43					
44					
45	40	561,2	546,20	20338045	201,37
46					
47					
48	40	597,4	582,55	20338048	230,56
49					
50	40	621,7	606,78	20338050	251,11
51					
52					
53					
54					
55	40	682,3	667,40	20338055	265,0
56					
57	40	706,5	691,63	20338057	329,92
58					
59					
60	40	742,8	727,97	20338060	366,97
62					
64					
65					
66					
68					
70					
72					
75					
76	40	936,9	921,98	20338076	597,76
80					
85					
95					



1" 3/4x1" 1/4 (28-B)

PLATEWHEEL

r_3	44,0 mm
C	5,0 mm
B_1	29,4 mm
b_1	28,8 mm
B_2	88,4 mm
B_3	148,0 mm

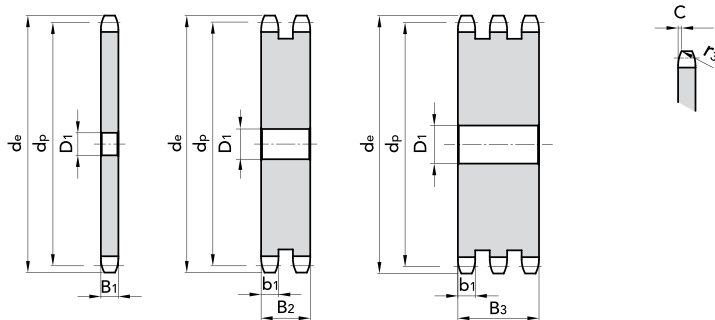
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	44,45 mm
Inner width	30,99 mm
Roller Ø	27,94 mm



Simple - Semplici 28-B-1

Z	D ₁	d _e	d _p	CODE	Kg.
8	25	132,0	116,15	20144008	1,71
9	25	148,4	129,96	20144009	2,26
10	25	162,3	143,85	20144010	2,88
11	25	176,3	157,77	20144011	3,53
12	25	189,5	171,74	20144012	4,29
13	25	204,2	185,75	20144013	5,12
14	25	218,2	199,76	20144014	6,03
15	25	232,3	213,79	20144015	7,01
16	30	246,3	227,84	20144016	8,02
17	30	260,0	241,91	20144017	9,14
18	30	274,0	255,98	20144018	10,34
19	30	289,0	270,06	20144019	11,61
20	30	303,0	284,15	20144020	12,95
21	30	317,0	298,24	20144021	14,37
22	30	331,0	312,34	20144022	15,86
23	30	345,0	326,44	20144023	17,42
24	30	359,0	340,55	20144024	19,05
25	30	373,0	354,66	20144025	20,76
26	30	387,0	368,77	20144026	22,54
27	30	401,4	382,88	20144027	24,39
28	30	416,0	397,00	20144028	26,32
29					
30	30	444,0	425,24	20144030	30,38
31					
32	30	472,0	453,49	20144032	34,74
33					
34	30	500,0	481,75	20144034	39,38
35	30	514,0	495,88	20144035	41,82
36	30	529,0	510,01	20144036	44,32
37					
38	30	557,0	538,27	20144038	49,55
39					
40	30	585,0	566,54	20144040	55,07
45	30	656,0	637,22	20144045	70,13
50	30	726,0	707,91	20144050	87,01
57	40	825,0	806,90	20144057	113,56
60	40	869,0	849,32	20144060	126,08
76	40	1095,5	1075,62	20144076	203,89

Double - Doppi 28-B-2

Z	D ₁	d _e	d _p	CODE	Kg.
8	25	132,00	116,15	20244008	4,01
9	25	148,40	129,96	20244009	5,48
10	25	162,3	143,85	20244010	7,17
11	25	176,30	157,77	20244011	8,92
12	25	189,50	171,74	20244012	11,04
13	25	204,20	185,75	20244013	13,38
14	25	218,20	199,76	20244014	15,94
15	25	232,30	213,79	20244015	18,72
16	30	246,30	227,84	20244016	21,71
17	30	260,00	241,91	20244017	24,92
18	30	274,00	255,98	20244018	28,36
19	30	289,00	270,06	20244019	32,00
20	30	303,00	284,15	20244020	35,87
21	30	317,00	298,24	20244021	39,96
22	30	331,00	312,34	20244022	44,26
23	30	345,00	326,44	20244023	48,78
24	30	359,00	340,55	20244024	52,85
25	30	373,00	354,66	20244025	58,50
26	30	387,00	368,77	20244026	63,28
27					
28	30	416,00	397,00	20244028	74,29
29					
30	30	444,00	425,24	20244030	86,17
31					
32					
33					
34					
35	30	514,00	495,88	20244035	119,69
36					
37					
38	30	557,00	538,27	20244038	142,42
39					
40	30	585,00	566,54	20244040	158,67
45	30	656,00	637,22	20244045	203,10
50	30	726,00	707,91	20244050	252,99
57	40	825,00	806,90	20244057	332,00
60	40	869,00	849,32	20244060	365,00
76	40	1095,50	1075,62	20244076	600,35

Triple - Tripli 28-B-3

Z	D ₁	d _e	d _p	CODE	Kg.
8	25	132,0	116,15	20344008	6,39
9	25	148,4	129,96	20344009	8,80
10	25	162,3	143,85	20344010	11,56
11	30	176,3	157,77	20344011	14,44
12	30	189,5	171,74	20344012	17,93
13	30	204,2	185,75	20344013	21,79
14	30	218,2	199,76	20344014	26,02
15	30	232,3	213,79	20344015	30,61
16	30	246,3	227,84	20344016	35,57
17	30	260,0	241,91	20344017	40,89
18	30	274,0	255,98	20344018	46,58
19	30	289,0	270,06	20344019	52,64
20	30	303,0	284,15	20344020	59,06
21	30	317,0	298,24	20344021	65,20
22					
23	30	345,0	326,44	20344023	79,87
24					
25	40	373,0	354,66	20344025	95,99
26					
27					
28					
29					
30	40	444,0	425,24	20344030	142,70
31					
32					
33					
34					
35					
36					
37					
38	40	557,0	538,27	20344038	236,43
39					
40	40	585,0	566,54	20344040	263,52
45	40	656,0	637,22	20344045	337,73
50			707,91		
57	40	825,0	806,90	20344057	552,76
60			849,32		
76	40	1095,5	1075,62	20344076	1000,97



2" x 1" 1/4 (32-B)

PLATEWHEEL

r_3 51,0 mm
 C 5,0 mm
 B_1 29,4 mm
 b_1 28,8 mm
 B_2 87,4 mm
 B_3 146,0 mm

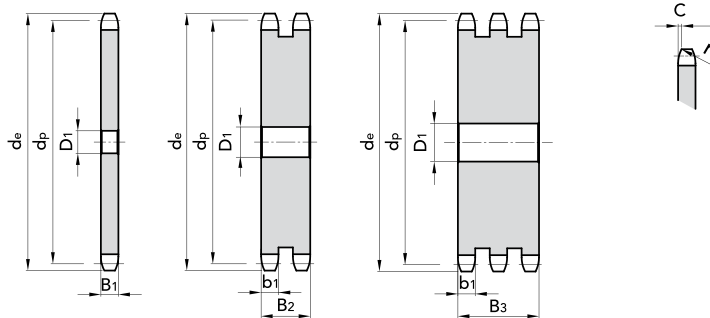
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 50,80 mm
Inner width 30,99 mm
Roller Ø 29,21 mm



Simple - Semplici 32-B-1						Double - Doppi 32-B-2						Triple - Tripli 32-B-3					
Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.
8	25	153,2	132,69	20150008	2,27	8	25	153,20	132,69	20250008	5,53	8	25	153,2	132,69	20350008	8,83
9	25	169,0	148,54	20150009	2,99	9	25	169,00	148,54	20250009	7,46	9	25	169,0	148,54	20350009	11,99
10	25	185,0	164,39	20150010	3,81	10	25	185,00	164,39	20250010	9,68	10	25	185,0	164,39	20350010	15,63
11	30	200,8	180,34	20150011	4,67	11	30	200,80	180,34	20250011	11,86	11	30	200,8	180,34	20350011	19,20
12	30	216,8	196,29	20150012	5,67	12	30	216,80	196,29	20250012	14,64	12	30	216,8	196,29	20350012	23,78
13	30	232,8	212,27	20150013	6,77	13	30	232,80	212,27	20250013	17,70	13	30	232,8	212,27	20350013	28,83
14	30	248,8	228,29	20150014	7,97	14	30	248,80	228,29	20250014	21,05	14	30	248,8	228,29	20350014	34,35
15	30	264,8	244,30	20150015	9,26	15	30	264,80	244,30	20250015	24,68	15	30	264,8	244,30	20350015	40,34
16	30	280,9	260,40	20150016	10,64	16	30	280,90	260,40	20250016	28,38	16	30	280,9	260,40	20350016	46,47
17	30	296,9	276,40	20150017	12,12	17	30	296,90	276,40	20250017	32,57	17	30	296,9	276,40	20350017	53,40
18	30	313,0	292,55	20150018	13,69	18	30	313,00	292,55	20250018	37,05	18	30	313,0	292,55	20350018	60,80
19	30	329,1	308,66	20150019	15,36	19	30	329,10	308,66	20250019	41,80	19	30	329,1	308,66	20350019	68,68
20	30	345,2	324,71	20150020	16,99	20	30	345,20	324,71	20250020	46,84	20	30	345,2	324,71	20350020	77,02
21	30	361,3	340,82	20150021	18,85	21	30	361,30	340,82	20250021	52,15	21	40	361,3	340,82	20350021	85,84
22	30	377,5	356,98	20150022	20,80	22	30	377,50	356,98	20250022	57,75	22					
23	30	393,6	373,08	20150023	22,85	23	30	393,60	373,08	20250023	63,63	23	40	393,6	373,08	20350023	104,88
24	30	409,7	389,19	20150024	24,99	24	30	409,70	389,19	20250024	69,80	24					
25	30	425,8	405,33	20150025	27,23	25	30	425,80	405,33	20250025	76,24	25	40	425,8	405,33	20350025	125,81
26	30	441,9	421,44	20150026	29,56	26	30	441,90	421,44	20250026	82,97	26					
27						27						27					
28	30	474,2	453,69	20150028	34,51	28	30	474,20	453,69	20250028	97,27	28					
29						29						29					
30	30	506,5	486,00	20150030	39,84	30	40	506,50	486,00	20250030	112,70	30	40	506,5	486,00	20350030	186,37
32	30	538,8	518,28	20150032	45,54	32						32					
35	30	589,5	566,72	20150035	54,81	35	40	589,50	566,72	20250035	156,19	35	40	589,5	566,72	20350035	258,69
38	30	635,5	615,14	20150038	64,93	38	40	635,50	615,14	20250038	185,67	38	40	635,5	615,14	20350038	307,73
40	40	670,3	647,49	20150040	72,16	40	40	670,30	647,49	20250040	206,73	40					
45	40	751,0	728,26	20150045	91,87	45	40	751,00	728,26	20250045	265,32	45	40	751,0	728,26	20350045	438,64
50	40	831,8	809,04	20150050	113,96	50	40	831,80	809,04	20250050	328,95	50	40	831,8	809,04	20350050	549,27
57	40	945,0	922,17	20150057	148,86	57	40	945,00	922,17	20250057	431,27	57	40	945,0	922,17	20350057	716,72
60	40	993,4	970,63	20150060	165,24	60	40	993,40	970,63	20250060	474,00	60	40	993,4	970,63	20350060	1006,0
76	40	1252,0	1229,28	20150076	267,00	76	40	1252,00	1229,28	20250076	757,78	76	40	1252,0	1229,28	20350076	1295,64



pitch 3/8" x 3/16" (06-A)

PLATEWHEEL

r_3	10,0 mm
C	1,2 mm
B_1	4,4 mm
b_1	4,3 mm
B_2	14,4 mm

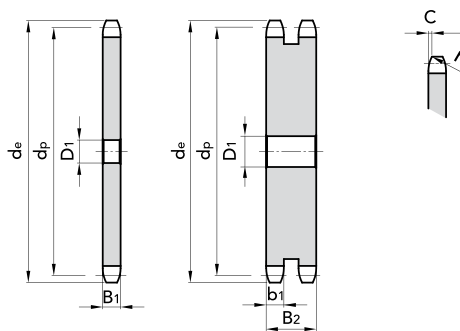
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	9,525 mm
Inner width	4,77 mm
Roller Ø	5,08 mm



Simple - Semplici 06-A-1

Z	D ₁	d _e	d _p	CODE	Kg.
9	8	31,50	27,85	21103009	0,015
11	8	38,69	33,80	21103011	0,020
12	8	41,68	36,80	21103012	0,029
15					
16	10	53,70	48,82	21103016	0,054
18	10	59,73	54,85	21103018	0,069
20					
22	12	71,81	66,93	21103022	0,107
25					
26	12	83,90	79,02	21103026	0,150
30	12	96,00	91,12	21103030	0,250
32	12	102,06	97,09	21103032	0,290
34	12	108,11	103,23	21103034	0,310
35	12	110,2	105,3	21103035	0,320
36	12	114,2	109,29	21103036	0,340
38	12	120,2	115,34	21103038	0,360
40	12	126,3	121,40	21103040	0,385
42	12	132,0	127,5	21103042	0,410
44	12	138,0	134,0	21103044	0,448
45					
46	16	144,0	140,0	21103046	0,430
48	16	150,5	145,64	21103048	0,540
54	20	165,0	161,0	21103054	0,640
57	20	177,8	172,91	21103057	0,710
72	20	223,0	218,0	21103072	1,195
76					
80	20	247,0	242,0	21103080	1,400
85	25	262,0	257,0	21103085	1,710
90	25	278,0	273,0	21103090	2,000
95	25	293,0	289,0	21103095	2,150
114	25	350,0	346,0	21103114	4,860
120	20	384,0	380,0	21103120	5,420

Double - Doppi 06-A-2

Z	D ₁	d _e	d _p	CODE	Kg.
9					
11					
12					
15					
16					
18					
20					
22					
25					
26					
30	12	96	91,12	21203030	0,8
32					
34					
35					
36					
38	14	120,22	115,34	21203038	1
40					
42					
44	16	138,9	134,0	21203044	1,2
45	16	141,43	136,55	21203045	1,47
46					
48					
54	16	169,3	161,0	21203054	2,162
57	16	177,79	172,91	21203057	2,35
70	16	217,8	218,0	21203070	3,7
72					
76	16	235,37	230,49	21203076	4,1





pitch 1/2" x 5/16" (08-A)

PLATEWHEEL

r₃ 13,5 mm
C 1,6 mm
B₁ 7,4 mm
b₁ 7,2 mm
B₂ 21,6 mm
B₃ 36,0 mm

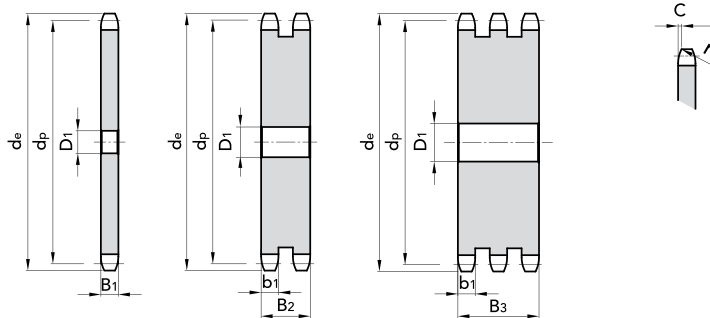
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch 12,70 mm
 Inner width 7,94 mm
 Roller Ø 7,94 mm


Simple - Semplici 08-A-1

Z	D ₁	d _e	d _p	CODE	Kg.
8	8	38,00	33,00	21104008	0,035
9					
11					
12					
13	10	59,63	52,68	21104013	0,102
14					
17					
19					
20	12	87,70	81,20	21104020	0,260
21					
22	12	95,80	89,24	21104022	0,315
23	12	99,85	93,05	21104023	0,340
25	14	107,88	101,34	21104025	0,400
26	14	111,94	105,36	21104026	0,500
30					
31					
32					
33	16	140,62	133,4	21104033	0,730
36	16	152,28	145,72	21104036	0,880
37	16	156,30	149,8	21104037	1,045
38	16	160,40	153,79	21104038	1,080
40					
41	20	173,04	165,91	21104041	1,146
42	20	176,50	169,94	21104042	1,200
44	20	185,19	178,0	21104044	1,325
45	20	188,62	181,95	21104045	1,390
46					
48	20	200,70	194,18	21104048	1,588
50	20	209,48	202,3	21104050	1,727
54	20	226,00	219,0	21104054	2,024
57	20	237,10	230,54	21104057	2,210
72	20	207,60	290,2	21104072	3,630
76	20	313,90	307,32	21104076	4,100
80	20	331,00	324,0	21104080	4,489
85	20	350,20	343,7	21104085	5,095
90					
95	20	390,70	384,11	21104095	6,387
114	20	465,00	461	21104114	9,240

Double - Doppi 08-A-2

Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
11					
12	10	41,70	36,80	21204012	0,210
13					
14					
17					
19					
20					
21					
22					
23					
25					
26					
30					
31					
32					
33					
36	20	152,28	145,72	21204036	2,300
37					
38	20	160,40	153,79	21204038	2,780
40	20	168,43	161,87	21204040	3,000
41					
42					
44	20	185,19	178,00	21204044	3,600
45	20	188,62	181,95	21204045	3,900
46					
48					
50	20	209,48	202,3	21204050	4,980
54					
57	25	237,10	230,54	21204057	5,450
72					
76	25	313,90	307,32	21204076	12,00
80					
85					
90					
95	25	390,67	384,11	21204095	22,40
114	25	467,40	461	21204114	31,85

Triple - Tripli 08-A-3

Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
11					
12					
13					
14					
17					
19					
20	16	87,70	81,20	21304020	1,10
21					
22					
23					
25					
26					
30	20	128,06	121,50	21304030	3,00
31					
32					
33					
36					
37					
38	25	160,40	153,79	21304038	4,00
40	25	168,43	161,87	21304040	4,84
41					
42					
44					
45	25	188,62	181,95	21304045	6,00
46					
48	25	200,70	194,18	21304048	7,00
50	25	209,48	202,30	21304050	8,19
54					
57	25	237,10	230,54	21304057	10,00
72					
76	25	313,90	307,32	21304076	20,00
80					
85					
90					
95					
114					



pitch 5/8" x 3/8" (10-A)

PLATEWHEEL

r_3	17,0 mm
C	2,0 mm
B_1	9,0 mm
b_1	8,8 mm
B_2	26,9 mm
B_3	45,0 mm

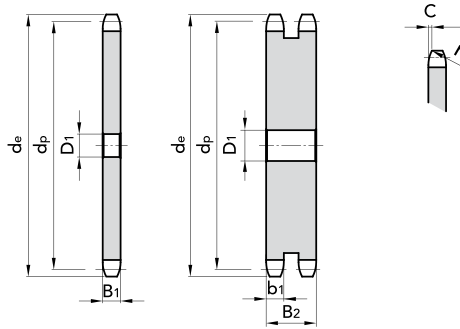
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	15,875 mm
Inner width	9,52 mm
Roller Ø	10,16 mm



Simple - Semplici 10-A-1

Z	D ₁	d _e	d _p	CODE	Kg.
8	10	47,0	41,48	20115008	0,06
9	10	52,6	46,42	20115009	0,09
10	10	57,5	51,37	20115010	0,11
11	10	63,0	56,34	20115011	0,14
12	10	68,0	61,34	20115012	0,17
13	10	73,0	66,32	20115013	0,20
14	10	78,0	71,34	20115014	0,23
15	10	83,0	76,36	20115015	0,27
16	12	88,0	81,37	20115016	0,31
17	12	93,0	86,39	20115017	0,36
18	12	98,0	91,42	20115018	0,41
19	12	103,3	96,45	20115019	0,46
20	12	108,4	101,49	20115020	0,51
21	12	113,4	106,52	20115021	0,57
22	12	118,0	111,55	20115022	0,62
23	12	123,4	116,58	20115023	0,69
24	12	128,3	121,62	20115024	0,75
25	12	134,0	126,66	20115025	0,82
26	16	139,0	131,70	20115026	0,88
27	16	144,0	136,75	20115027	0,95
28	16	148,7	141,78	20115028	1,03
29	16	153,8	146,83	20115029	1,11
30	16	158,8	151,87	20115030	1,19
31	16	163,9	156,92	20115031	1,28
32	16	168,9	161,95	20115032	1,36
33	16	174,5	167,00	20115033	1,45
34	16	179,0	172,05	20115034	1,55
35	16	184,1	177,10	20115035	1,64
36	20	189,1	182,15	20115036	1,73
37	20	194,2	187,20	20115037	1,83
38	20	199,2	192,24	20115038	1,94
39	20	204,2	197,29	20115039	2,05
40	20	209,3	202,34	20115040	2,16
41	20	214,8	207,39	20115041	2,29
42	20	219,9	212,44	20115042	2,39
43	20	224,9	217,49	20115043	2,50

Double - Doppi 10-A-2

Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
10					
11					
12	14	68,00	61,34	21205012	0,40
13	14	73,00	66,32	21205013	0,60
14					
15					
16	16	88,00	81,37	21205016	0,80
17					
18					
19					
20					
21					
22					
23	16	123,40	116,58	21205023	1,10
24					
25					
26	16	139,00	131,70	21205026	2,30
27	16	144,00	136,75	21205027	2,60
28					
29					
30	20	158,80	151,87	21205030	3,27
31					
32					
33					
34					
35					
36					
37					
38	20	199,20	192,24	21205038	5,30
39					
40					
41					
42					
43					

Z	D ₁	d _e	d _p	CODE	Kg.
44					
45	20	235,00	227,58	21205045	7,27
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57	25	296,00	288,18	21205057	13,00
58					
59					
60					
62					
64					
65					
66					
68					
70					
72	25	371,90	363,95	21205072	20,60
75					
76	25	392,10	384,16	21205076	22,00
78					
80					
85					
90					
95					
100					
110					
114					
120					
125					



pitch 5/8" x 3/8" (10-A)

PLATEWHEEL

r₃	17,0 mm
C	2,0 mm
B₁	9,0 mm
b₁	8,8 mm
B₂	26,9 mm
B₃	45,0 mm

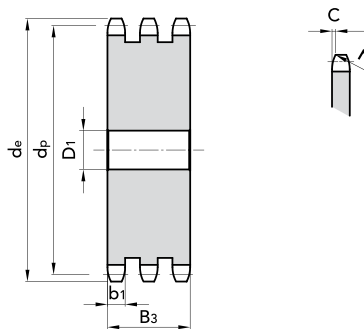
CHAIN

Pitch	15,875 mm
Inner width	9,52 mm
Roller Ø	10,16 mm

MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025


Triple - Tripli 10-A-3

Z	D ₁	d _o	d _p	CODE	Kg.
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25	20	134,0	126,66	21305025	3,7
26					
27					
28					
29					
30	20	158,8	151,87	21305030	5,00
31					
32	20	168,9	161,95	21305032	6,10
33					
34					
35					
36					
37					
38	25	199,2	192,24	21305038	8,90
39					
40					
41	25	214,8	207,39	21305041	10,67
42	25	219,9	212,44	21305042	12,00
43					

Z	D ₁	d _o	d _p	CODE	Kg.
44	25	230,0	222,53	21305044	13,00
45	25	235,0	227,58	21305045	15,00
46					
47					
48					
49					
50	25	260,3	252,82	21305050	16,03
51					
52					
53					
54					
55					
56					
57	25	296,0	288,18	21305057	20,95
58					
59					
60					
62					
64					
65					
66					
68					
70					
72					
75					
76	30	392,1	384,16	21305076	25,00
78					
80					
85					
90					
95					
100					
110					
114					
120					
125					



pitch 3/4" x 1/2" (12-A)

PLATEWHEEL

r_3	20,0 mm
C	2,4 mm
B_1	12,0 mm
b_1	11,8 mm
B_2	34,6 mm
B_3	57,4 mm

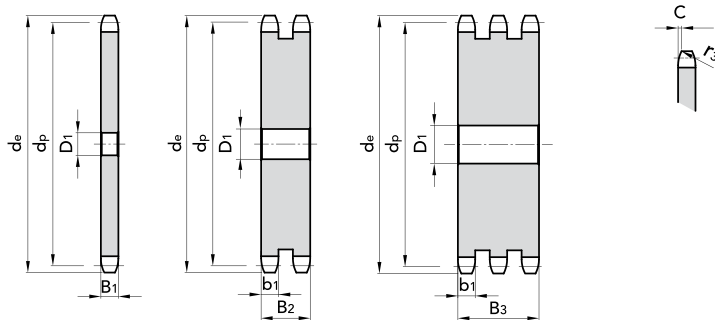
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	19,05 mm
Inner width	12,70 mm
Roller Ø	11,91 mm



Simple - Semplici 12-A-1					
Z	D ₁	d _e	d _p	CODE	Kg.
8					
9	10	64,0	55,0	21106009	0,167
10	12	71,54	61,65	21106010	0,210
11					
12	12	83,5	73,6	21106012	0,314
13	14	89,6	79,6	21106013	0,375
14	14	95,5	85,7	21106014	0,440
15					
16					
17	16	113,6	103,7	21106017	0,670
18					
19					
20					
21					
22					
26					
27					
28					
30					
31	20	196,7	188,3	21106031	2,350
32					
33	20	208,9	200,5	21106033	2,600
34	20	204,7	206,7	21106034	2,840
38	20	240,6	230,69	21106038	3,200
40	20	252,7	242,80	21106040	3,950
42	25	265	255	21106042	4,350
44	25	277,2	267,3	21106044	4,800
45					
46	25	289,4	279,3	21106046	5,240
48	25	301,2	291,27	21106048	5,770
57	25	355,7	345,81	21106057	8,010
72	30	447	437	21106072	13,09
76	30	470,87	460,98	21106076	14,62
90					
95					

Double - Doppi 12-A-2					
Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
10	16	71,54	61,65	21206010	0,50
11					
12					
13					
14					
15	16	101,52	91,12	21206015	1,31
16					
17					
18					
19					
20					
21	20	137,11	127,46	21206021	2,84
22					
26					
27					
28	20	180,03	170,1	21206028	4,00
30					
31					
32					
33					
34					
38	25	240,60	230,69	21206038	10,60
40	25	252,70	242,80	21206040	11,20
42					
44					
45	25	282,98	273,09	21206045	14,20
46					
48					
57	25	355,70	345,81	21206057	23,65
72					
76	30	470,87	460,98	21206076	45,00
90					
95	30	586,06	576,17	21206095	66,90

Triple - Tripli 12-A-3					
Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
10					
11					
12					
13	16	89,60	79,60	21306013	1,00
14	16	95,5	85,70	21306014	1,91
15					
16					
17					
18	20	119,60	109,71	21306018	3,31
19					
20	20	131,67	121,78	21306020	4,00
21	20	137,11	127,46	21306021	5,00
22	20	142,21	133,86	21306022	6,00
26					
27					
28					
30	20	192,14	182,25	21306030	10,0
31					
32					
33					
34					
38	25	240,6	230,69	21306038	13,00
40					
42					
44					
45	25	282,98	273,09	21306045	24,00
46					
48	25	301,2	291,27	21306048	26,00
57	30	355,70	345,81	21306057	37,57
72					
76	30	470,87	460,98	21306076	70,32
90					
95					



pitch 1" x 5/8" (16-A)

PLATEWHEEL

r₃	27,0 mm
C	3,2 mm
B₁	15,0 mm
b₁	14,7 mm
B₂	44,0 mm
B₃	73,3 mm

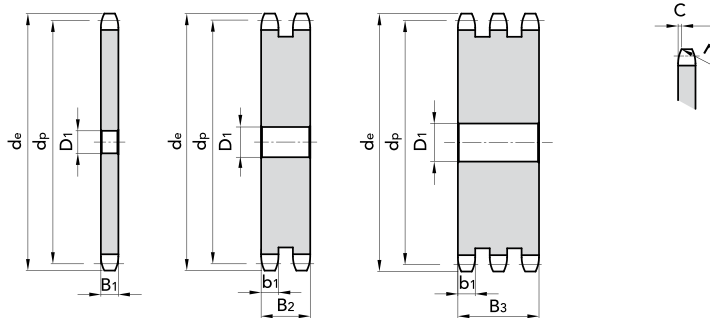
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	25,40 mm
Inner width	15,88 mm
Roller Ø	15,88 mm


Simple - Semplici 16-A-1

Z	D ₁	d _e	d _p	CODE	Kg.
9	15	85,8	74,26	21108009	0,30
10	15	95,3	82,20	21108010	0,40
11	15	103,3	90,14	21108011	0,60
12	15	111,3	98,14	21108012	0,68
13	15	119,3	106,12	21108013	0,75
14	15	127,3	114,15	21108014	0,98
15	15	135,3	122,17	21108015	1,10
16	19	143,3	130,20	21108016	1,35
17	19	151,4	138,22	21108017	1,49
18	19	159,4	146,28	21108018	1,90
19	19	167,4	154,33	21108019	2,00
20	19	175,5	162,38	21108020	2,25
21	20	183,5	170,43	21108021	2,60
22	20	191,6	178,48	21108022	2,90
23	20	199,7	186,53	21108023	3,10
24	20	207,7	194,59	21108024	3,30
25	20	215,8	202,66	21108025	3,50
26	20	223,8	210,72	21108026	3,70
27	20	231,9	218,79	21108027	3,93
28	20	240,0	226,85	21108028	4,20
29					
30	20	256,1	243,00	21108030	4,60
31					
32	25	272,26	259,13	21108032	5,50
34					
35	25	296,48	283,36	21108035	7,00
38	25	320,70	307,59	21108038	8,00
39	25	327,2	315,6	21108039	8,70
41					
45	25	377,24	364,12	21108045	12,00
48					
50	25	417,64	404,52	21108050	14,00
54					
57	25	474,20	461,08	21108057	22,00
72					
76	25	627,80	614,64	21108076	30,00
80	30	660,7	646,96	21108080	34,00
90					

Double - Doppi 16-A-2

Z	D ₁	d _e	d _p	CODE	Kg.
9					
10					
11					
12					
13	20	119,26	106,12	21208013	2,00
14	20	127,27	114,15	21208014	2,59
15	20	135,29	122,17	21208015	3,50
16					
17					
18					
19					
20					
21					
22					
23					
24					
25	25	215,78	202,66	21208025	9,20
26					
27					
28					
29					
30	25	256,12	243,00	21208030	13,85
31					
32	25	272,26	259,13	21208032	15,80
34	25	286,9	275,28	21208034	17,00
35					
38	25	320,70	307,59	21208038	22,77
39					
41					
45	25	377,24	364,12	21208045	32,50
48	25	402,1	388,36	21208048	38,00
50					
54					
57	25	474,20	461,08	21208057	52,75
72					
76	25	627,80	614,64	21208076	90,00
80					
90	30	741,6	727,81	21208090	135,00

Triple - Tripli 16-A-3

Z	D ₁	d _e	d _p	CODE	Kg.
9					
10					
11					
12					
13					
14					
15	25	135,3	122,17	21308015	4,90
16					
17					
18					
19					
20					
21					
22					
23					
24					
25	30	215,8	202,66	21308025	15,20
26	30	223,8	210,72	21308026	16,00
27	30	231,9	218,79	21308027	18,00
28					
29					
30	30	256,1	243,00	21308030	27,63
31					
32					
34					
35					
38	30	320,70	307,59	21308038	37,70
39					
40	30	335,3	323,73	21308040	41,80
45	30	377,24	364,12	21308045	53,63
48					
50					
54					
57	40	474,20	461,08	21308057	80,00
72					
76	40	627,80	614,64	21308076	160,00
80					
90					



pitch 1" 1/4 x 3/4" (20-A)

PLATEWHEEL

r_3	33,5 mm
C	4,0 mm
B_1	18,0 mm
b_1	17,7 mm
B_2	53,5 mm
B_3	89,2 mm

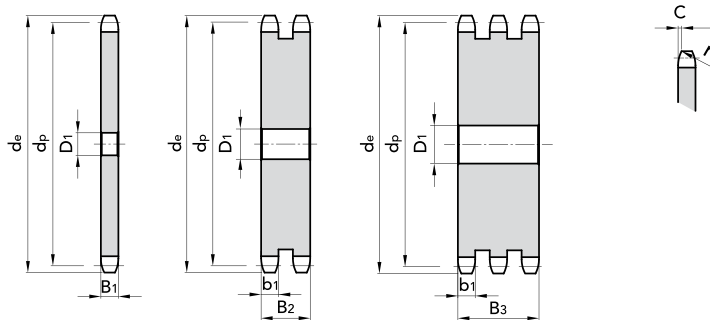
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	31,75 mm
Inner width	19,05 mm
Roller Ø	19,05 mm



Simple - Semplici 20-A-1						Double - Doppi 20A-2						Triple - Tripli 20-A-3					
Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.	Z	D ₁	d _e	d _p	CODE	Kg.
8	16	98,10	82,96			8						8					
9	16	108,0	92,84			9						9					
10	16	117,9	102,74	21110010	1,29	10						10					
11	16	127,8	112,68			11						11					
12	20	137,8	122,68	21110012	2,00	12						12	20	137,8	122,68	21310012	5,65
13	20	147,8	132,65			13						13					
14	20	157,8	142,68			14						14	30	157,8	142,68	21310014	8,00
15	20	167,9	152,72	21110015	2,30	15						15	25	167,9	152,72	21310015	9,61
16	25	177,9	162,75			16						16					
17	25	187,9	172,78			17						17					
18	25	198,0	182,85			18						18					
19	25	208,1	192,91			19						19	25	208,1	192,91	21310019	16,08
20	25	218,1	202,95	21110020	4,50	20						20					
21	25	228,2	213,04			21						21					
22	25	238,3	223,11	21110022	4,76	22						22					
23	25	248,3	233,17			23						23					
24	25	258,4	243,23	21110024	5,61	24	25	258,40	243,23	21210024	16,50	24					
25	25	268,5	253,33	21110025	6,05	25	25	268,50	253,33	21210025	18,00	25	25	268,5	253,33	21310025	20,00
26	25	278,6	263,40			26						26					
27	25	289,6	273,40			27						27					
28	25	299,7	283,56	21110028	7,00	28						28					
29	25	309,8	293,65			29						29					
30	25	319,9	303,75	21110030	9,45	30	25	319,9	303,75	21210030	27,00	30	25	319,9	303,75	21310030	43,96
31						31						31					
32	25	340,1	323,91	21110032	10,25	32						32					
33						33						33					
34						34						34					
35	25	370,4	354,20	21110035	16,00	35						35					
36						36						36					
37						37						37					
38	25	400,6	384,49	21110038	18,00	38	30	400,6	384,49	21210038	35,00	38					
39						39						39					
40						40						40	30	420,8	404,68	21310040	65,00
42						42	30	440,8	424,88	21210042	45,00	42					
45	30	471,3	455,17	21110045	21,45	45	30	471,3	455,17	21210045	62,15	45					
50						50						50					
57	30	592,5	576,36	21110057	25,00	57	30	592,5	576,36	21210057	102,00	57					



pitch 1" 1/2 x 1" (24-A)

PLATEWHEEL

r_3	40,5 mm
C	4,8 mm
B_1	24,1 mm
b_1	23,6 mm
B_2	69,0 mm

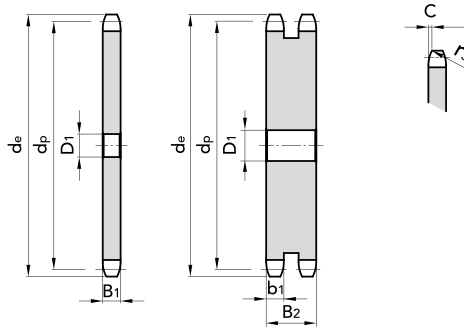
MATERIAL

MATERIAL C45 EN 10083

MATERIAL S235 JR EN 10025

CHAIN

Pitch	38,10 mm
Inner width	25,40 mm
Roller Ø	22,22 mm


Simple - Semplici 24-A-1

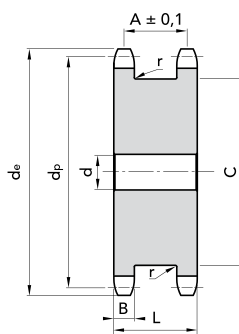
Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
10					
11					
13					
14					
16	25	214,77	195,29	21112016	4,70
17	25	226,83	207,35	21112017	5,30
18	25	238,89	219,41	21112018	6,00
19					
20	25	263,03	243,55	21112020	7,70
21					
22					
23					
24					
25	25	323,47	303,99	21112025	12,02
30	30	383,97	364,49	21112030	17,50
32	30	408,19	388,71	21112032	20,60
35					
38	30	480,85	461,37	21112038	28,00
41	30	513,5	497,74	21112041	33,85
42					
45	30	565,67	546,19	21112045	42,00
54	30	671	655,25	21112054	72,00
57					
76	40	931	921,98	21112076	120,00

Double - Doppi 24-A-2

Z	D ₁	d _e	d _p	CODE	Kg.
8					
9					
10	25	142,77	123,29	21212010	6,00
11					
13					
14	25	190,7	171,22	21212014	8,00
16					
17	25	226,83	207,35	21212017	14,37
18	25	238,89	219,41	21212018	16,30
19					
20	25	263,03	243,55	21212020	20,00
21	25	270,6	255,65	21212021	23,75
22					
23	25	294,8	279,8	21212023	29,03
24	25	306,8	291,88	21212024	32,9
25	25	323,47	303,99	21212025	33,50
30	30	383,97	364,49	21212030	49,10
32					
35					
38	30	480,85	461,37	21212038	81,45
41					
42					
45	40	565,67	546,19	21212045	115,00
54					
57	40	711,1	691,62	21212057	188,90
76					



MATERIAL
MATERIAL C45 EN 10083

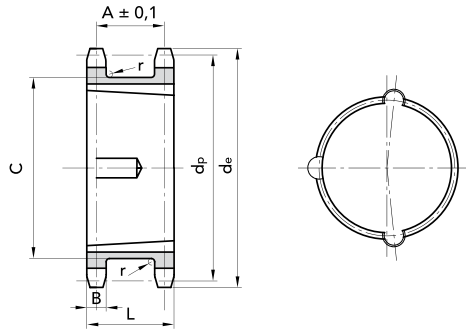


PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
3/8" x 7/32" R. 6.35 06B-1	13	23209013	43,45	39,8	10	20,3	5,3	28	25,5	0,4	0,14
	15	23209015	49,46	45,81	10	20,3	5,3	34	25,5	0,4	0,20
	17	23209017	55,49	51,84	12	20,3	5,3	40	25,5	0,4	0,26
	18	23209018	58,50	54,85	12	20,3	5,3	43	25,5	0,4	0,30
	19	23209019	61,52	57,87	12	20,3	5,3	46	25,5	0,4	0,34
	20	23209020	54,3	60,89	12	20,3	5,3	49	25,5	0,4	0,38
	21	23209021	67,56	63,91	15	20,3	5,3	52	25,5	0,4	0,43
	23	23209023	73,6	69,95	15	20,3	5,3	59	25,5	0,4	0,54
	25	23209025	79,65	76	15	20,3	5,3	65	25,5	0,4	0,65
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
1/2" x 5/16" R. 8.51 08B-1	13	23212013	57,40	53,06	12	24,8	7,2	37	32	0,6	0,27
	15	23212015	65,57	61,08	12	24,8	7,2	45	32	0,6	0,47
	17	23212017	73,61	69,11	12	24,8	7,2	53	32	0,6	0,64
	18	23212018	77,8	73,14	12	24,8	7,2	57	32	0,6	0,73
	19	23212019	81,65	77,16	12	24,8	7,2	62	32	0,6	0,84
	20	23212020	85,8	81,19	12	24,8	7,2	65	32	0,6	0,93
	21	23212021	89,7	85,21	15	24,8	7,2	70	32	0,6	1,03
	23	23212023	98,02	93,27	15	24,8	7,2	78	32	0,6	1,28
	25	23212025	105,82	101,33	15	24,8	7,2	86	32	0,6	1,54
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
5/8" x 3/8" R. 10.16 10B-1	13	23215013	73,17	66,33	15	27,9	9,1	48	37	0,6	0,62
	15	23215015	83,19	76,35	15	27,9	9,1	58	37	0,6	0,87
	17	23215017	93,23	86,39	15	27,9	9,1	68	37	0,6	1,17
	18	23215018	93,26	91,42	15	27,9	9,1	72	37	0,6	1,34
	19	23215019	103,29	96,45	15	27,9	9,1	79	37	0,6	1,49
	20	23215020	108,4	101,49	19	27,9	9,1	82	37	0,6	1,68
	21	23215021	113,35	106,51	19	27,9	9,1	89	37	0,6	1,88
	23	23215023	123,43	116,59	19	27,9	9,1	99	37	0,6	2,3
	25	23215025	133,5	126,66	19	27,9	9,1	109	37	0,6	2,77
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
3/4" x 7/16" R. 12.07 12B-1	13	23219013	87,13	76,9	20	33,9	11,1	59	45	0,6	0,91
	15	23219015	99,16	91,63	20	33,9	11,1	71	45	0,6	1,30
	17	23219017	111,2	103,67	20	33,9	11,1	83	45	0,6	2,12
	18	23219018	117,23	109,71	20	33,9	11,1	88	45	0,6	2,42
	19	23219019	123,27	115,74	20	33,9	11,1	95	45	0,6	2,75
	20	23219020	129,31	121,78	20	33,9	11,1	101	45	0,6	3,09
	21	23219021	135,35	127,82	20	33,9	11,1	107	45	0,6	3,42
	23	23219023	147,43	139,9	20	33,9	11,1	119	45	0,6	4,21
	25	23219025	159,52	151,99	24	33,9	11,1	131	45	0,6	5,07
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
1" x 17.02 R. 15.88 16B-1	13	23225013	117,26	106,14	24	47,8	16,2	78	64	0,8	3,14
	15	23225015	133,29	122,17	24	47,8	16,2	95	64	0,8	4,44
	17	23225017	149,35	38,23	24	47,8	16,2	111	64	0,8	5,09
	18	23225018	157,39	146,28	24	47,8	16,2	119	64	0,8	5,90
	19	23225019	165,44	154,32	24	47,8	16,2	127	64	0,8	6,70
	20	23225020	173,49	162,38	24	47,8	16,2	135	64	0,8	7,53
	21	23225021	181,54	170,42	24	47,8	16,2	143	64	0,8	9,48
	23	23225023	197,66	186,54	24	47,8	16,2	160	64	0,8	10,0
	25	23225025	213,78	202,66	24	47,8	16,2	176	64	0,8	11,0



WITHOUT TAPER BUSH

MATERIAL
MATERIAL C45 EN 10083



PITCH	Z	CODE	BUSH	d _e	d _p	A	B h14	C max	L	r	Kg.
1/2" x 5/16" R. 8.51 08B-1	15	27212015	1008	65,57	61,08	24,8	7,2	45	32	0,6	0,47
	17	27212017	1210	73,61	69,12	24,8	7,2	53	32	0,6	0,64
	18	27212018	1210	78	73,14	24,8	7,2	57	32	0,6	0,73
	19	27212019	1210	81,65	77,16	24,8	7,2	62	32	0,6	0,84
	20	27212020	1610	86	81,19	24,8	7,2	65	32	0,6	0,93
	21	27212021	1610	89,7	85,21	24,8	7,2	70	32	0,6	1,03
	23	27212023	1610	97,76	93,27	24,8	7,2	78	32	0,6	1,28
	25	27212025	2012	105,82	101,33	24,8	7,2	86	32	0,6	1,54
	30	27212030	2012	125,99	121,5	24,8	7,2	106	32	0,6	1,96
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
5/8" x 3/8" R. 10.16 10B-1	15	27215015	1210	83,19	76,35	27,9	9,1	58	37	0,6	0,87
	17	27215017	1610	93,23	86,39	27,9	9,1	68	37	0,6	1,17
	18	27215018	1610	98,3	91,42	27,9	9,1	72	37	0,6	1,34
	19	27215019	1610	103,29	96,45	27,9	9,1	79	37	0,6	1,49
	20	27215020	1610	108,4	101,49	27,9	9,1	82	37	0,6	1,68
	21	27215021	1610	113,35	106,51	27,9	9,1	89	37	0,6	1,88
	23	27215023	1610	123,43	116,59	27,9	9,1	99	37	0,6	2,30
	25	27215025	2012	133,5	126,66	27,9	9,1	109	37	0,6	2,77
	30	27215030	2012	158,71	151,87	27,9	9,1	135	37	0,6	3,20
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
3/4" x 7/16" R. 12.07 12B-1	15	27219015	1610	99,16	91,63	33,9	11,1	71	45	0,6	1,33
	17	27219017	1610	111,2	103,67	33,9	11,1	83	45	0,6	2,12
	18	27219018	2012	118	109,71	33,9	11,1	88	45	0,6	2,42
	19	27219019	2012	123,27	115,74	33,9	11,1	95	45	0,6	2,75
	20	27219020	2517	129,7	121,78	33,9	11,1	101	45	0,6	3,09
	21	27219021	2517	135,35	127,82	33,9	11,1	107	45	0,6	3,42
	23	27219023	2517	147,43	139,9	33,9	11,1	119	45	0,6	4,21
	25	27219025	2517	159,52	151,99	33,9	11,1	131	45	0,6	5,07
	30	27219030	2517	189,8	182,25	33,9	11,1	162	45	0,6	6,5
PITCH	Z	CODE	d _e	d _p	d	A	B h14	C max	L	r	Kg.
1" x 17.02 R. 15.88 16B-1	15	27225015	2012	133,29	122,17	47,8	16,2	95	64	0,8	4,44
	17	27225017	2517	149,35	138,23	47,8	16,2	111	64	0,8	5,09
	18	27225018	2517	157,39	146,28	47,8	16,2	119	64	0,8	5,90
	19	27225019	2517	165,44	154,32	47,8	16,2	127	64	0,8	6,70
	20	27225020	2517	173,49	162,38	47,8	16,2	135	64	0,8	7,53
	21	27225021	3020	181,54	170,42	47,8	16,2	143	64	0,8	9,48
	23	27225023	3020	197,66	186,54	47,8	16,2	160	64	0,8	10,0
	25	27225025	3020	213,78	202,66	47,8	16,2	176	64	0,8	11,0
	30	27225030	3020	254,10	243	47,8	16,2	216	64	0,8	13,0



PLATEWHEELS P50

PLATEWHEEL R25

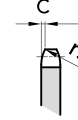
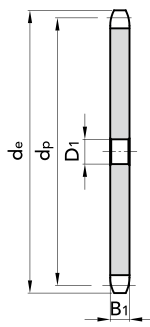
Pitch 50,0 mm
Inner width 11,5 mm
Roller Ø 25,0 mm
B₁ 10,5 mm

MATERIAL

MATERIAL C45 EN 10083

PLATEWHEEL R31

Pitch 50,0 mm
Inner width 15,0 mm
Roller Ø 31,0 mm
B₁ 13,8 mm



Roller - Rullo 25

Z	D ₁	CODE	d _e	d _p	Kg.
6	20	24502506	115	100	0,55
7	20	24502507	132,7	115,24	0,76
8	20	24502508	148,1	130,6	0,92
9	20	24502509	163,7	146,2	1,30
10	25	24502510	179,3	161,85	1,45
11	25	24502511	195	177,5	1,94
12	25	24502512	211	193,2	2,01
13	30	24502513	226,4	208,95	2,33
14	30	24502514	242,2	224,7	3,06
15	30	24502515	257,9	240,45	3,80
16	30	24502516	273,8	256,3	4,00
17	30	24502517	289,5	272,05	4,20
18	30	24502518	305,4	287,95	5,10
19	30	24502519	321,3	303,8	6,00
20	30	24502520	337,1	319,6	6,45
21	30	24502521	352,9	335,45	6,89
22					
23					
24	30	24502524	400	383,05	9,07
25	30	24502525	416,4	398,95	9,97
26	30	24502526	432,3	414,8	12,06
27	30	24502527	448,2	430,7	12,88
28	30	24502528	464	446,55	13,83
30	30	24502530	495,8	478,35	14,32
32					
35					
38	30	24502538	622,9	605,45	21,50

Roller - Rullo 31

Z	D ₁	CODE	d _e	d _p	Kg.
6	20	24503106	116,2	100	0,75
7	20	24503107	133,8	115,24	1,00
8	20	24503108	152,3	130,60	1,10
9	20	24503109	167,9	146,20	1,71
10	25	24503110	183,5	161,85	2,02
11	25	24503111	199,2	177,50	2,31
12	25	24503112	212,0	193,20	2,50
13	30	24503113	230,6	208,95	2,98
14	30	24503114	246,4	224,70	4,05
15	30	24503115	262,1	240,45	4,90
16	30	24503116	278,0	256,30	5,04
17					
18	30	24503118	309,6	287,95	6,90
19	30	24503119	325,5	303,80	6,85
20	30	24503120	341,3	319,60	8,06
21	30	24503121	357,1	335,45	8,80
22	30	24503122	373,0	351,35	9,90
23	30	24503123	388,9	367,20	10,06
24	30	24503124	404,7	383,05	11,25
25	30	24503125	419,7	398,95	12,30
26	30	24503126	436,5	414,80	14,11
27	30	24503127	452,4	430,70	15,46
28	30	24503128	468,2	446,55	16,80
30					
32	30	24503132	531,8	510,10	21,35
35	30	24503135	579,5	557,80	25,7
38	30	24503138	622,0	605,45	30,05





PLATEWHEELS P75

PLATEWHEEL R25

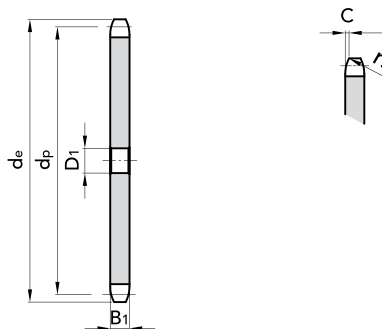
Pitch 75,0 mm
Inner width 15,0 mm
Roller Ø 25,0 mm
B₁ 13,8 mm

MATERIAL

MATERIAL C45 EN 10083

PLATEWHEEL R31

Pitch 75,0 mm
Inner width 15,0 mm
Roller Ø 31,0 mm
B₁ 13,8 mm



Roller - Rullo 25					
Z	D ₁	CODE	d _e	d _p	Kg.
8	30	24752508	213,4	195,98	3,2
9	30	24752509	236,8	219,3	4,00
10	30	24752510	260,2	242,77	5,00
11	30	24752511	283,7	266,25	5,43
12	30	24752512	307,3	289,8	7,00
13	30	24752513	330,9	313,42	7,56
14					
15	30	24752515	378,1	360,67	8,00
16	30	24752516	401,9	384,45	12,17
17					
20					
21					
25	30	24752525	615,9	598,42	29,25

Roller - Rullo 31					
Z	D ₁	CODE	d _e	d _p	Kg.
8	30	24753108	217,6	195,98	3,5
9	30	24753109	241	219,3	3,80
10	30	24753110	264,4	242,77	4,50
11	30	24753111	287,9	266,25	5,57
12	30	24753112	311,5	289,8	6,70
13	30	24753113	334,1	313,42	7,80
14	30	24753114	358,7	337,05	9,12
15	30	24753115	382,3	360,67	10,42
16	30	24753116	406,1	384,45	11,98
17					
20					
21	30	24753121	524,8	503,17	20,62
25	30	24753125	620,1	598,42	27,00

PLATEWHEELS P100

PLATEWHEEL R25

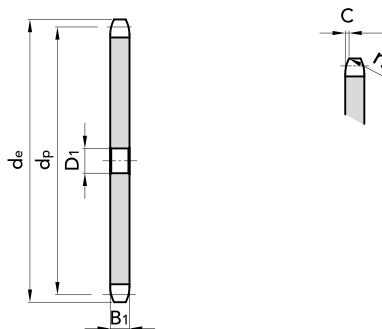
Pitch 100,0 mm
Inner width 15,0 mm
Roller Ø 31,0 mm
B₁ 13,8 mm

MATERIAL

MATERIAL C45 EN 10083

PLATEWHEEL R31

Pitch 100,0 mm
Inner width 22,0 mm
Roller Ø 40,0 mm
B₁ 20,0 mm



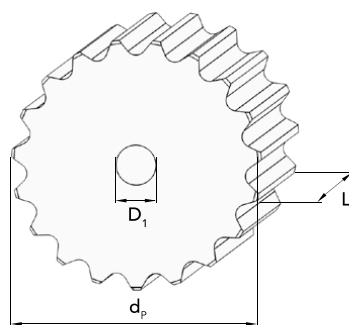
Roller - Rullo 31					
Z	D ₁	CODE	d _e	d _p	Kg.
8	30	24993108	282,9	261,31	4,92
9	30	24993109	314,1	292,4	6,03
10	30	24993110	345,4	323,61	8,00
11	30	24993111	376,7	354,95	9,04
12	30	24993112	408,1	386,4	10,75
13	30	24993113	439,6	417,9	16,00
14	30	24993114	471,1	449,4	17,00
15	30	24993115	502,6	480,9	19,00
16	30	24993116	534,3	512,6	21,80
17	30	24993117	565,8	544,1	24,77
18	30	24993118	597,6	575,9	26,43
19					
20					

Roller - Rullo 40					
Z	D ₁	CODE	d _e	d _p	Kg.
8	30	24994008	282,9	261,31	7,14
9	30	24994009	314,1	292,4	10,03
10	30	24994010	345,4	323,61	11,95
11	30	24994011	376,7	354,95	15,02
12	30	24994012	408,1	386,4	17,27
13					
14	30	24994014	471,1	449,4	24,60
15					
16	30	24994016	534,3	512,6	27,99
17					
18					
19					
20	30	24994020	663	639,2	42,62



TABLETOP

P. 1" 1/2 with DIN 8153

MATERIAL
MATERIAL S235 JR EN 10025

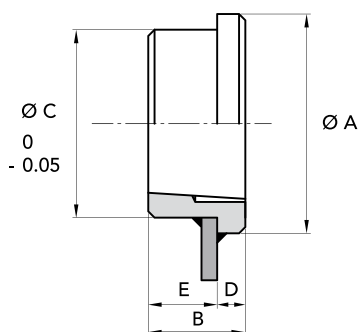
Z	D _p	D ₁	CODE	L	Kg.
13	78,98	15	30038013	43,5	1,86
15	93,67	15	30038015	43,5	1,86
17	105,47	20	30038017	43,5	2,34
19	117,34	20	30038019	43,5	3,10
21	129,26	20	30038021	43,5	3,70
23	141,22	20	30038023	43,5	4,46
25	153,21	20	30038025	43,5	5,50
27	165,20	20	30038027	43,5	6,31
29	177,24	20	30038029	43,5	7,31
31	189,28	20	30038031	43,5	8,63





BUSHES TL

MATERIAL
MATERIAL S235 JR EN 10025

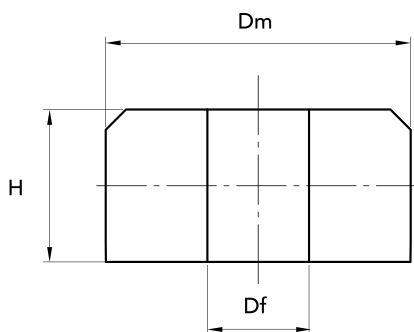


TYPE HUBS	CODE	TAPER BUSHE	Ø A	B	Ø C	D	E	Kg.
MS. TL 1210	28001210	1210	70	25	65	9	16	0,31
MS. TL 1610	28001610	1610	80	25	75	9	16	0,37
MS. TL 2012	28002012	2012	95	32	90	12	20	0,72
MS. TL 2517	28002517	2517	115	45	110	19	26	1,80
MS. TL 3020	28003020	3020	145	51	140	19	32	2,59
MS. TL 3030	28003030	3030	145	76	140	19	57	3,55
MS. TL 3525	28003525	3525	190	65	180	25	40	7,30
MS. TL 3535	28003535	3535	190	89	180	25	64	6,40
MS. TL 4040	28004040	4040	200	102	190	32	70	13,22
MS. TL 4545	28004545	4545	220	115	205	38	77	19,30
MS. TL 5050	28005050	5050	240	127	220	38	89	24,52



WELDED HUBS

MATERIAL
MATERIAL S235 JR EN 10025



Dm	H	Df	CODE	Kg.	Dm	H	Df	CODE	Kg.
60	30	20	00001105	0,59	150	33	25	00001750	4,45
80	27	16	00001110	1,02	150	33	30	00001760	4,38
80	27	20	00001120	1,00	150	36,5	25	00001770	4,94
90	26	16	00001130	1,26	150	52	30	00001780	6,90
90	26	20	00001140	1,23	150	62	30	00001790	8,29
90	31	16	00001150	1,49	150	72	30	00001800	9,59
90	31	20	00001160	1,46	155	34	30	00001820	4,81
90	33	20	00001170	1,56	155	50,6	30	00001830	7,20
90	33	25	00001180	1,52	160	21	30	00001840	3,22
100	31	20	00001190	1,82	160	28	25	00001850	4,30
100	31	25	00001200	1,78	160	28	30	00001860	4,22
100	41	25	00001210	2,37	160	32	30	00001900	4,98
110	25	25	00001220	1,76	160	36	30	00001930	5,50
110	29	20	00001230	2,08	160	46	30	00001970	7,04
110	29	25	00001240	2,05	160	50,6	30	00001980	7,70
110	35	25	00001250	2,46	160	60,6	30	00001990	9,45
110	45	25	00001260	3,16	160	66	30	00002000	10,06
110	45	30	00001270	3,10	160	76	30	00002010	11,50
120	19,5	20	00001300	2,19	160	76	40	00002020	11,24
120	25,4	25	00001320	2,16	170	28	30	00002030	4,82
120	34	25	00001330	2,89	170	45,6	30	00002050	7,96
125	54	25	00001340	5,02	170	60,6	30	00002060	10,44
125	54	30	00001350	4,95	170	76	40	00002070	12,79
130	20	20	00001370	2,00	180	19	40	00002080	3,60
130	20	25	00001380	2,37	180	28	40	00002090	5,35
130	25	20	00001400	2,55	180	31	40	00002100	5,87
130	25	25	00001410	2,50	180	34	30	00002130	6,67
130	32	25	00001440	3,21	180	46	30	00002150	8,92
130	38	25	00001460	3,81	180	61	30	00002160	11,18
133	34	30	00001490	3,52	180	71	40	00002170	13,50
133	50,6	30	00001500	5,23	200	30	40	00002180	5,70
135	32	25	00001510	3,47	200	32	30	00002190	7,71
135	40,6	25	00001530	4,40	200	32	40	00002200	7,58
140	21	25	00001540	2,45	200	34	30	00002230	8,18
140	21	30	00001550	2,42	200	34	40	00002240	8,00
140	24	25	00001570	2,87	200	38	40	00002250	8,99
140	28	25	00001740	3,27	200	49	40	00002260	11,6
140	33	25	00001600	3,86	200	71	40	00002270	16,80
140	33	30	00001610	3,83	200	81	40	00002280	19,17
140	64	30	00001620	7,30	220	32	30	00002300	9,37
145	32	25	00001630	4,07	220	32	40	00002310	9,21
145	32	30	00001640	3,90	220	33	40	00002320	9,52
145	34	30	00001660	4,21	220	42	40	00002330	12,12
145	40,6	25	00001670	5,11	220	48	40	00002340	13,85
145	50,6	30	00001680	6,30	250	30	40	00002350	8,66
150	24	25	00001690	3,23	250	34	40	00002360	9,81
150	24	30	00001700	3,19	250	42	40	00002370	12,11
150	29,7	25	00001730	4,00	250	44	40	00002390	12,70

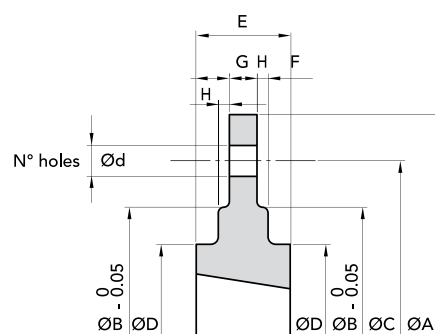


REMOVABLE HUBS

MATERIAL

MATERIAL C45 EN 10083

CAST IRON G20/25 EN 1561
PHOSPHATED

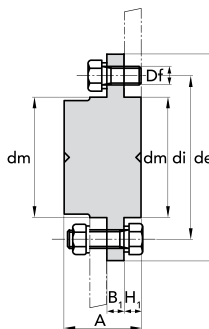


TYPE HUBS	CODE	TAPER BUSHE	Ø A	Ø B	Ø C	Ø D	E	F	G	H	N. HOLES	Ø d	Kg.
MSM. TL Ø 120	28000120	1210	120	80	100	70	25	9	7,5	2,5	6	7,5	0,82
MSM. TL Ø 130	28000130	1610	130	90	110	80	25	9	7,5	2,5	6	7,5	0,95
MSM. TL Ø 145	28000145	2012	145	115	125	95	32	12	9,5	2,5	6	9,5	1,53
MSM. TL Ø 180	28000180	1210	180	90	135	75	25	9,25	6,5	2,5	6	7,5	2,84
MSM. TL Ø 185	28000185	2517	185	130	155	115	45	19	12,5	2,5	6	11,5	3,14
MSM. TL Ø 200	28000200	1615	200	110	150	85	38	15,3	7,5	2,5	6	7,5	2,42
MSM. TL Ø 220	28000220	3020	220	165	190	145	51	19	12,5	2,5	6	13,5	2,93
MSM. TL Ø 270	28000270	2012	270	140	190	110	32	11,8	8,5	2,5	6	9,5	4,44
MSM. TL Ø 340	28000340	2517	340	170	240	125	45	17,8	9,5	2,5	8	11,5	7,97
MSM. TL Ø 430	28000430	3020	430	220	300	160	51	18,8	13,5	2,5	8	13,5	16,8
MSM. TL Ø 485	28000485	3020	485	250	340	160	51	18,8	13,5	2,5	8	13,5	21,18



SIDE HUB FOR CHAIN WHEEL

MATERIAL
MATERIAL S235 JR EN 10025



TYPE HUBS	CODE	de	di	dm	A	Df	B ₁	H ₁	Kg.
30	30000030	55	45	30	20,0	4,2	4	3,0	0,12
40	30000040	70	58	40	25,0	5,2	5	5,2	0,15
50	30000050	80	67	50	32,0	6,2	7	7,0	0,20
60	30000060	90	76	60	38,5	6,2	7	8,7	0,25
70	30000070	110	94	70	45,5	8,2	8	10,5	0,32
80	30000080	130	107	80	55,0	8,2	12	15,0	0,42
100	30000100	170	140	100	73,0	10,2	17	23,0	0,55
140	30000140	220	182	140	83,0	12,2	20	23,0	0,68
160	30000160	245	205	160	93,0	16,5	25	25,0	0,81





Industrial chains

LEGEND

CHAIN = *CATENA*

PITCH = *PASSO*

INNER WIDTH = *LARGHEZZA INTERNA*

ROLLER DIAM = *RULLO*

Index

98	INTRODUCTION
99	XRC® EXTRA PERFORMANCE ROLLER CHAIN INTRODUCTION
101	XRC® EUROPEAN (BS) STANDARD
103	XRC® "ANSI" ASA
104	XRC® STAINLESS STEEL AISI 304
106	XRC® NICKEL PLATED
107	XRC® STRAIGHT SIDE PLATE
108	XRC® HOLLOW PINS
109	XRC® PRO
110	XRC® WITH ATTACHMENTS
119	XRC® WITH EXTENDED PIN
120	QRC® QUALITY ROLLER CHAIN INTRODUCTION
122	QRC® EUROPEAN (BS) STANDARD
123	QRC® EUROPEAN (BS) CHAIN IN REELS
124	QRC® "ANSI" ASA
126	QRC® STAINLESS STEEL AISI 304
127	QRC® NICKEL PLATED
128	QRC® STRAIGHT SIDE PLATE
128	QRC® HOLLOW PINS
129	QRC® ROLLER CHAIN WITH VULCANIZED ELASTOMER PROFILES
130	CRT® CONVEYOR CHAIN INTRODUCTION
132	CRT® CONVEYOR CHAIN
135	STAY UPDATED

HOW TO SELECT AND TO MEASURE CORRECTLY A ROLLER CHAIN

GUIDELINES

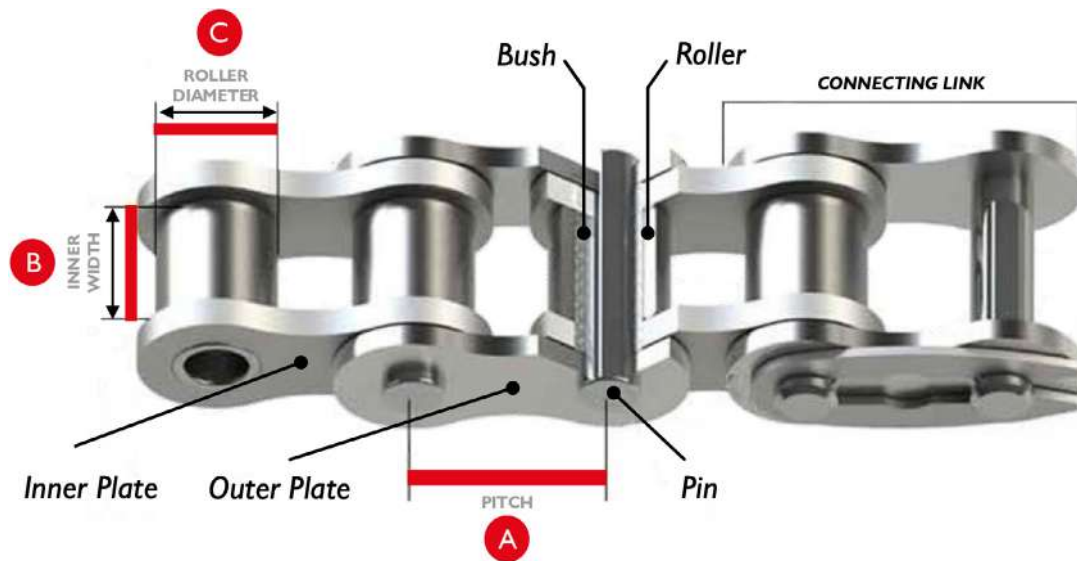
To accurately measure a roller chain, using a caliper, determine the following items:

- A. **Pitch:** Distance between the center of one pin to the center of the next;
- B. **Inner width:** Distance between the inner plates;
- C. **Roller diameter:** Diameter of the roller;

Common sizes range from 06B (ASA35) to 48B (ASA240), with British Standard and ANSI standards based on 1/8-inch pitch increments. Measure multiple links to determine total wear and length.

In some cases additional measurements are required like:

- D. **Plate Height/Thickness:** Height and thickness of the single plate;
- E. **Overall Length:** Total number of links.





XRC® EXTRA PERFORMANCE ROLLER CHAIN

INTRODUCTION

The new roller chain made by Chiaravalli is designed to meet the demands of applications where performance requirements go beyond the standard. This product was developed in-house with the goal of expanding our offerings to our partners and providing exceptional resistance and reliability for projects where roller chains are subjected to higher-than-normal stresses.

KEY FEATURES OF THE XRC® CHAIN

The new roller chain made by Chiaravalli is designed to meet the demands of **applications where performance requirements go beyond the standard**. This product was developed in-house with the goal of expanding our offerings to our partners and providing exceptional resistance and reliability for projects where roller chains are subjected to higher-than-normal stresses.

1. Certified Quality

The XRC® Chain complies with and exceeds **ISO606 standards**, validated through rigorous tensile tests. This ensures a reliable product compatible with the most complex industrial applications.

2. High Resistance

- **Shot-Peened Plates:** An innovative treatment that enhances mechanical strength and fatigue resistance, extending the chain's lifespan even in demanding conditions.
- **Solid Extruded and Shot-Peened Rollers:** A production process that avoids structural imperfections, providing superior impact resistance and smooth operation.

3. Pre-Tensioning

The chain undergoes factory pre-tensioning that exceeds the **ISO606 breaking load standards**. This process minimizes elongation during operation, improving the stability and longevity of the product.

4. High-Quality Lubrication

Each XRC® Chain is fully lubricated with **Fuchs oil**, a leader in industrial lubricants, ensuring optimal performance and reduced wear.

5. Consistency and Precision

XRC® chain production adheres to strict tolerances, guaranteeing consistent and uniform quality across all products. Every assembly stage is meticulously handled by our specialized technicians.

6. Availability of Certificates

Each production batch is traceable and complies with international regulations. The availability of material certificates ensures full transparency and reliability for our customers.

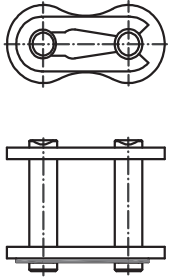


CONNECTING AND OFFSET LINKS

SINGLE AND MULTIPLE STRAND CHAIN

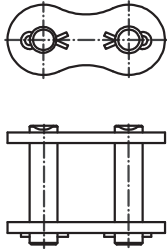
SPRING CLIP CONNECTING LINK

Standard connecting link.
The cover linkplate is held in place by a spring clip, split at one end to permit easy installation and removal.



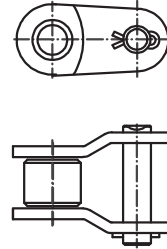
COTTERED CONNECTING LINK

Standard connecting link for larger chains.
The cover linkplate is held in place by cotter pins.



SINGLE OFFSET LINK

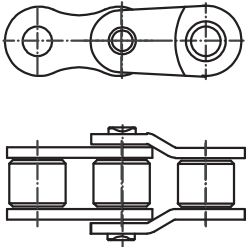
Links which can be added using a slip fit bolt and cotter key to add a single pitch length to the chain.



One pitch offset link (1R).
The pin and two plates are slip fit. The fatigue strength is 35% lower than the chain itself.

DOUBLE OFFSET LINK

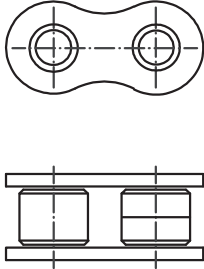
Similar to a single offset link except assembled into the chain. Press fit construction increases rigidity, reliability, and durability.



Two pitch offset links are the combination of a roller link and an offset link connected with a rivet pin. The fatigue strength is the same as the fatigue strength of the base chain.

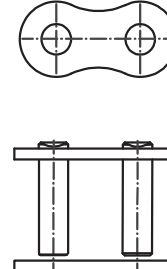
INTERNAL ROLLER LINK

By adding outer links, the inner links are connected to form a chain.



RIVETED CONNECTING LINK

Optional connecting link.
The press fit-cover plate is standard; pins should be riveted or peened on the ends once the cover linkplate is installed.





XRC® EUROPEAN (BS) STANDARD

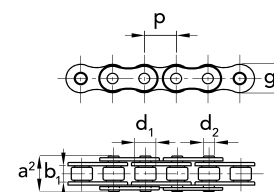
PACKAGE OF 2,5MT - PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
04B-1	P6	70106007X	70106057X	70106087X	6,000	-	2,80	1,85	4,00	7,40	5,00	0,08	3,00	0,12
05B-1	P8	70108007X	70108057X	70108087X	8,000	-	3,00	2,31	5,00	8,60	7,11	0,11	5,00	0,18
06B-1	3/8"x7/32"	70109007X	70109057X	70109087X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	0,28	9,00	0,40
06B-1	3/8"x7/32"			70109387X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	0,28	9,00	0,40
083	1/2"x3/16"	70111008X	70111058X	70111088X	12,700	1/2"	4,88	4,06	7,75	12,90	10,30	0,32	12,00	0,42
084	1/2"x3/16" R	70171008X	70171058X	70171088X	12,700	1/2"	4,88	4,06	7,75	14,20	11,00	0,35	16,00	0,59
08B-1	1/2"x5/16"	70112007X	70112057X	70112087X	12,700	1/2"	7,75	4,45	8,51	17,00	11,81	0,50	18,00	0,68
08B-1	1/2"x5/16"			70112387X	12,700	1/2"	7,75	4,45	8,51	17,00	11,81	0,50	18,00	0,68
10B-1	5/8"x3/8"	70115007X	70115057X	70115087X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	0,67	22,40	0,91
10B-1	5/8"x3/8"			70115387X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	0,67	22,40	0,91
12B-1	3/4"x7/16	70119007X	70119057X	70119087X	19,050	3/4"	11,68	5,72	12,07	22,70	16,13	0,88	29,00	1,12
12B-1	3/4"x7/16			70119387X	19,050	3/4"	11,68	5,72	12,07	22,70	16,13	0,88	29,00	1,12
16B-1	1"x17,02	70125007X	70125057X	70125087X	25,400	1"	17,02	8,27	15,88	36,10	21,08	2,07	60,00	2,59
16B-1	1"x17,02		70125157X		25,400	1"	17,02	8,27	15,88	36,10	21,08	2,07	60,00	2,59
20B-1	1"1/4x3/4"	70131007X	70131057X	70131087X	31,750	1 1/4"	19,56	10,19	19,05	43,20	26,42	2,91	95,00	3,60
20B-1	1"1/4x3/4"		70131157X		31,750	1 1/4"	19,56	10,19	19,05	43,20	26,42	2,91	95,00	3,60
24B-1	1"1/2x1"	70138007X	70138157X	70138087X	38,100	1 1/2"	25,40	14,63	25,40	53,40	33,40	5,49	160,00	6,85
28B-1	1"3/4x1"1/4"	70144007X	70144157X	70144087X	44,450	1 3/4"	30,99	15,90	27,94	65,10	37,08	7,26	200,00	8,56
32B-1	2"x1"1/4	70150007X	70150157X	70150087X	50,800	2"	30,99	17,81	29,21	67,40	42,29	8,05	250,00	9,49
40B-1	2"1/2x1"1/2	on demand	on demand	on demand	63,500	2"1/2	38,10	22,89	39,37	82,60	52,90	12,61	355,00	15,53
48B-1	3"x1"3/4	on demand	on demand	on demand	76,320	3"	45,72	29,24	48,26	99,10	63,80	20,40	560,00	24,45

- Double offset link
- Connecting link with cottered pin



XRC® EUROPEAN (BS) STANDARD

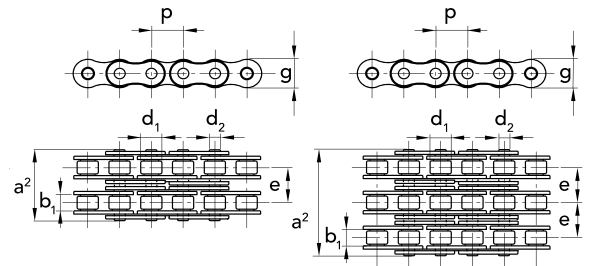
PACKAGE OF 2,5MT - PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Double - Doppia

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m
05B-2	P8	70208007X	70208057X	70208087X	8,00	-	3,00	2,31	5,00	14,30	7,10	5,64	0,22	7,80	0,32
06B-2	3/8"x7/32"	70209007X	70209057X	70209087X	9,53	3/8"	5,72	3,28	6,35	23,80	8,20	10,24	0,56	16,90	0,76
08B-2	1/2"x5/16"	70212007X	70212057X	70212087X	12,70	1/2"	7,75	4,45	8,51	31,00	11,80	13,92	1,00	32,00	1,31
10B-2	5/8"x3/8"	70215007X	70215057X	70215087X	15,88	5/8"	9,65	5,08	10,16	36,20	14,70	16,59	1,34	44,50	1,79
12B-2	3/4"x7/16	70219007X	70219057X	70219087X	19,05	3/4"	11,68	5,72	12,07	42,20	16,10	19,46	1,78	57,80	2,22
16B-2	1"x17,02	70225007X	70225057X	70225087X	25,40	1"	17,02	8,27	15,88	68,00	21,00	31,88	4,14	113,50	5,03
20B-2	1 1/4"x3/4"	70231007X	70231157X	70231087X	31,75	1 1/4"	19,56	10,19	19,05	79,00	26,40	35,45	5,82	170,00	7,33
24B-2	1 1/2"x1"	70238007X	70238157X	70238087X	38,10	1 1/2"	25,40	14,63	25,40	101,00	33,40	48,36	11,98	280,00	13,50
28B-2	1 3/4"x1 1/4"	on demand	on demand	on demand	44,45	1 3/4"	30,99	15,90	27,94	124,00	37,00	59,56	14,52	360,00	16,96
32B-2	2"x1 1/4"	on demand	on demand	on demand	50,80	2"	30,99	17,81	29,21	126,00	42,20	58,55	16,10	450,00	18,74
40B-2	2 1/2"x1 1/2"	on demand	on demand	on demand	63,50	2 1/2"	38,10	22,89	39,37	154,00	52,90	72,29	25,23	630,00	30,72
48B-2	3"x1 3/4"	on demand	on demand	on demand	76,32	3"	45,72	29,24	48,26	190,00	63,80	91,21	40,81	1000,00	48,54

Triple - Tripla

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m
06B-3	3/8"x7/32"	70309007X	70309057X	70309087X	9,53	3/8"	5,72	3,28	6,35	34,00	8,20	10,24	0,84	24,90	1,12
08B-3	1/2"x5/16"	70312007X	70312057X	70312087X	12,70	1/2"	7,75	4,45	8,51	44,90	11,80	13,92	1,50	47,50	1,94
10B-3	5/8"x3/8"	70315007X	70315057X	70315087X	15,88	5/8"	9,65	5,08	10,16	52,80	14,70	16,59	2,01	66,70	2,68
12B-3	3/4"x7/16	70319007X	70319057X	70319087X	19,05	3/4"	11,68	5,72	12,07	61,70	16,10	19,46	2,64	86,70	3,32
16B-3	1"x17,02	70325007X	70325157X	70325087X	25,40	1"	17,02	8,27	15,88	99,90	21,00	31,88	6,21	170,60	7,65
20B-3	1"1/4x3/4"	70331007X	70331157X	70331087X	31,75	1 1/4"	19,56	10,19	19,05	116,00	26,40	35,45	8,73	250,00	10,96
24B-3	1"1/2x1"	70338007X	70338157X	70338087X	38,10	1 1/2"	25,40	14,63	25,40	150,00	33,40	48,36	16,47	425,00	20,20
28B-3	1"3/4x1"1/4"	on demand	on demand	on demand	44,45	1 3/4"	30,99	15,90	27,94	184,00	37,00	59,56	21,78	530,00	25,38
32B-3	2"x1"1/4	on demand	on demand	on demand	50,80	2"	30,99	17,81	29,21	184,00	42,20	58,55	24,15	670,00	28,04
40B-3	2"1/2x1"1/2	on demand	on demand	on demand	63,50	2"1/2	38,10	22,89	39,37	227,00	52,90	72,29	37,85	950,00	45,97
48B-3	3"x1"3/4	on demand	on demand	on demand	76,32	3"	45,72	29,24	48,26	281,00	63,80	91,21	61,22	1500,00	72,67

- Double offset link
- Connecting link with cottered pin



XRC® “ANSI” ASA

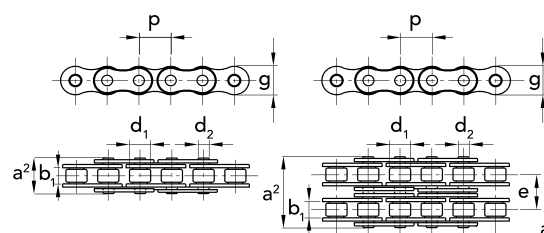
PACKAGE OF 2,5MT - PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice

ANSI N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g IP	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
35-1	3/8"X3/16"	71103007X	71103057X	71103087X	9,525	3/8"	4,68	3,59	5,08	12,18	8,65	0,27	7,83	0,34
40-1	1/2"X5/16"	71104007X	71104057X	71104087X	12,700	1/2"	7,85	3,96	7,92	17,80	12,00	0,44	14,10	0,63
50-1	5/8"X3/8"	71105007X	71105057X	71105087X	15,875	5/8"	9,40	5,08	10,16	21,80	15,00	0,71	22,20	1,04
60-1	3/4"X1/2"	71106007X	71106057X	71106087X	19,050	3/4"	12,58	5,94	11,91	26,90	18,00	1,04	31,80	1,52
80-1	1"X5/8"	71108007X	71108057X	71108087X	25,400	1"	15,75	7,92	15,88	33,50	24,10	1,77	56,70	2,58
100-1	1"1/4X3/4"	71110007X	71110157X	71110087X	31,750	1 1/4"	18,90	9,53	19,05	41,10	30,10	2,59	88,50	3,85
120-1	1"1/2X1"	71112007X	71112157X	71112087X	38,100	1 1/2"	25,22	11,10	22,23	50,80	36,20	3,90	127,00	5,61
140-1	1"3/4X1"	71114007X	71114157X	71114087X	44,450	1 3/4"	25,22	12,70	25,40	54,90	42,20	4,67	172,40	7,24
160-1	2"X1"1/4	71116007X	71116157X	71116087X	50,800	2"	31,55	14,27	28,58	65,50	48,20	6,38	226,80	9,91
180-1	2"1/4X1"13/32	on demand	on demand	on demand	57,15	2"1/4	35,48	17,46	35,71	73,9	54,31	9,38	280,2	13,23
200-1	2"1/2X1"1/2	on demand	on demand	on demand	63,500	2"1/2	37,85	19,84	39,68	80,30	60,30	10,75	353,80	16,26
240-1	3"X1"7/8	on demand	on demand	on demand	76,200	3"	47,35	23,80	47,63	95,50	72,30	15,90	520,40	23,63

Double - Doppia

ANSI N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	gIP	e	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m
35-2	3/8"x3/16"	71203007X	71203057X	71203087X	9,525	3/8"	4,68	3,59	5,08	24,20	8,65	10,13	0,53	15,85	0,67
40-2	1/2"x5/16"	71204007X	71204057X	71204087X	12,700	1/2"	7,85	3,96	7,92	32,30	12,00	14,38	0,88	28,20	1,26
50-2	5/8"x3/8"	71205007X	71205057X	71205087X	15,875	5/8"	9,40	5,08	10,16	39,90	15,00	18,11	1,42	44,40	2,05
60-2	3/4"x1/2"	71206007X	71206057X	71206087X	19,050	3/4"	12,58	5,94	11,91	49,80	18,00	22,78	2,08	63,60	3,01
80-2	1"x5/8"	71208007X	71208057X	71208087X	25,400	1"	15,75	7,92	15,88	62,70	24,10	29,29	3,54	113,40	5,13
100-2	1"1/4x3/4"	71210007X	71210157X	71210087X	31,750	1 1/4"	18,90	9,53	19,05	77,00	30,10	35,76	5,18	177,00	7,64
120-2	1"1/2x1"	71212007X	71212157X	71212087X	38,100	1 1/2"	25,22	11,10	22,23	96,30	36,20	45,44	7,80	254,00	11,13
140-2	1"3/4x1"	on demand	on demand	on demand	44,450	1 3/4"	25,22	12,70	25,40	103,00	42,20	48,87	9,36	344,80	14,37
160-2	2"x1"1/4	on demand	on demand	on demand	50,800	2"	31,55	14,27	28,58	124,00	48,20	58,55	12,77	453,60	19,68
180-2	2"1/4x1"13/32	on demand	on demand	on demand	57,15	2"1/4	35,48	17,46	35,71	140,00	54,31	65.84	18,8	560,5	26,46
200-2	2"1/2x1"1/2	on demand	on demand	on demand	63,500	2"1/2	37,85	19,84	39,68	151,00	60,30	71,55	21,50	707,60	32,83
240-2	3"x1"7/8	on demand	on demand	on demand	76,200	3"	47,35	23,80	47,63	183,00	72,30	87,83	31,80	1040,80	46,72

▪ Connecting link with cottered pin

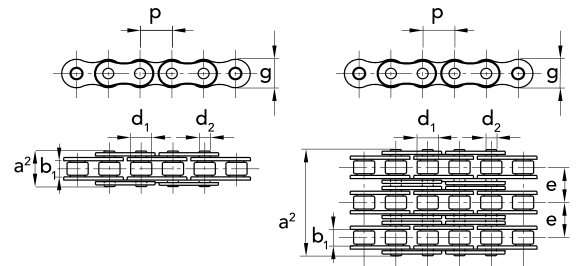


XRC® “ANSI” ASA

PACKAGE OF 2,5MT - PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning
superior than ISO 606 requirement and
pre-lubed. This operation is carried out to
minimise settling time.Connection links not included, purchase
separately.

f = bearing area

Triple - Tripla

ANSI N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g IP	e	f	breaking load	weight	
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m	
35-3	3/8"x3/16"	on demand	on demand	on demand	9,525	3/8"	4,68	3,59	5,08	34,30	8,65	10,13	0,80	23,48	0,99
40-3	1/2"x5/16"	on demand	on demand	on demand	12,700	1/2"	7,85	3,96	7,92	46,70	12,00	14,38	1,32	42,30	1,98
50-3	5/8"x3/8"	on demand	on demand	on demand	15,875	5/8"	9,40	5,08	10,16	57,90	15,00	18,11	2,13	66,60	3,06
60-3	3/4"x1/2"	71306007X	71306057X	71306087X	19,050	3/4"	12,58	5,94	11,91	72,60	18,00	22,78	3,12	95,40	4,50
80-3	1"x5/8"	71308007X	71308057X	71308087X	25,400	1"	15,75	7,92	15,88	91,70	24,10	29,29	5,31	170,10	7,67
100-3	1 1/4"x3/4"	71310007X	71310157X	71310087X	31,750	1 1/4"	18,90	9,53	19,05	113,00	30,10	35,76	7,77	265,50	11,43
120-3	1 1/2"x2x1"	on demand	on demand	on demand	38,100	1 1/2"	25,22	11,10	22,23	141,03	36,20	45,44	11,70	381,00	16,67
140-3	1 3/4"x1"	on demand	on demand	on demand	44,450	1 3/4"	25,22	12,70	25,40	152,00	42,20	48,87	14,03	517,20	21,51
160-3	2"x1 1/4"	on demand	on demand	on demand	50,800	2"	31,55	14,27	28,58	182,00	48,20	58,55	19,16	680,40	29,45
180-3	2 1/4"x1 1/2"	on demand	on demand	on demand	57,150	2 1/4"	35,48	17,46	35,71	206	54,31	65,84	28,10	840,70	39,66
200-3	2 1/2"x1 1/2"	on demand	on demand	on demand	63,500	2 1/2"	37,85	19,84	39,68	223,00	60,30	71,55	32,26	1061,40	48,28
240-3	3"x1 7/8"	on demand	on demand	on demand	76,200	3"	47,35	23,80	47,63	271,00	72,30	87,83	47,74	1561,20	69,77

Simple reinforced - Semplice rinforzata

ANSI N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g IP	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	cm ²	kN. min.	kg/m	
60H-1	3/4"X1/2"	72906007X	72906057X	72906087X	19,050	3/4"	12,58	5,94	11,91	31,20	18,00	1,14	31,27	1,81
80H-1	1"X5/8"	72908007X	72908057X	72908087X	25,400	1"	15,75	7,94	15,88	38,00	24,10	1,89	55,60	3,00
100H-1	1"1/4X3/4"	72910007X	72910057X	72910087X	31,750	1"1/4	18,90	9,54	19,05	45,40	30,10	2,75	86,87	4,38
120H-1	1"1/2X1"	on demand	on demand	on demand	38,100	1"1/2	25,22	11,11	22,23	55,10	36,20	4,10	125,10	6,61
140H-1	1"3/4X1"	on demand	on demand	on demand	44,450	1 3/4"	25,22	12,71	25,40	60,40	42,20	4,67	170,27	8,33
160H-1	2"X1"1/4	on demand	on demand	on demand	50,800	2"	31,55	14,29	28,58	70,00	48,20	6,38	222,40	10,88

• Connecting link with cottered pin



XRC® STAINLESS STEEL AISI 304

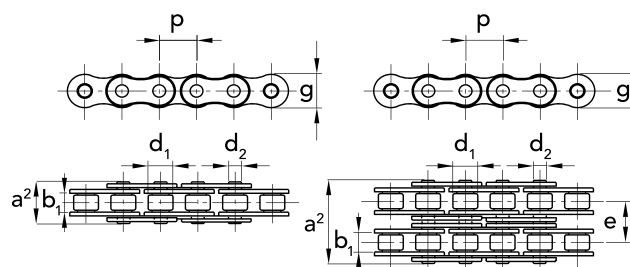
PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately. - Solid rollers.



f = bearing area

Simple - Semplice

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
SS05B-1	P8	74108007X	74108057X	74108087X	8,00	-	3,00	2,31	5,00	8,60	7,10	0,11	3,50	0,18
SS06B-1	3/8"X7/32"	74109007X	74109057X	74109087X	9,53	3/8"	5,72	3,28	6,35	13,50	8,20	0,28	6,65	0,40
SS08B-1	1/2"X5/16"	74112007X	74112057X	74112087X	12,70	1/2"	7,75	4,45	8,51	17,00	11,80	0,50	12,00	0,68
SS10B-1	5/8"X3/8"	74115007X	74115057X	74115087X	15,88	5/8"	9,65	5,08	10,16	19,60	14,70	0,67	15,00	0,91
SS12B-1	3/4"X7/16"	74119007X	74119057X	74119087X	19,05	3/4"	11,68	5,72	12,07	22,70	16,10	0,88	17,00	1,12
SS16B-1	1"X17,02	74125007X	74125057X	74125087X	25,40	1"	17,02	8,28	15,88	36,10	21,00	2,07	40,00	2,59

Double - Doppia

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	e	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m
SS06B-2	3/8"X7/32"	74209007X	74209057X	74209087X	9,53	3/8"	5,72	3,28	6,35	23,80	8,20	10,24	0,55	10,50	0,74
SS08B-2	1/2"X5/16"	74212007X	74212057X	74212087X	12,7	1/2"	7,75	4,45	8,51	31,00	11,80	13,92	1,00	22,00	1,40
SS10B-2	5/8"X3/8"	74215007X	74215057X	74215087X	15,88	5/8"	9,65	5,08	10,16	36,20	14,70	16,59	1,34	28,45	2,21
SS12B-2	3/4"X7/16"	74219007X	74219057X	74219087X	19,05	3/4"	11,68	5,72	12,07	42,20	16,10	19,46	1,76	37,25	3,00
SS16B-2	1"X17,02	74225007X	74225057X	74225087X	25,4	1"	17,02	8,27	15,88	68,00	21,00	31,88	4,14	74,45	5,08

STAINLESS STEEL CHAINS

- Roller chains made of stainless steel (SS304).
- Chains with solid rollers, supplied lightly oiled, are designed to offer excellent corrosion resistance.
- Used in atmosphere where chains are exposed to chemicals, water and heat.
- Chains can operate in a temperature range of -20°C to +400°C.



XRC® NICKEL PLATED

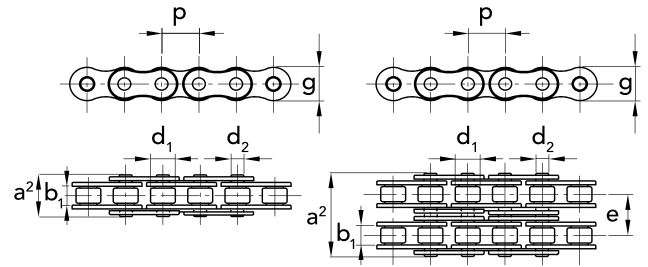
PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	cm²	kN. min.	kg/m
NP06B-1	3/8"X7/32"	73109007X	73109057X	73109087X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	0,28	9,00	0,40
NP08B-1	1/2"X5/16"	73112007X	73112057X	73112087X	12,700	1/2"	7,75	4,45	8,51	17,00	11,81	0,50	18,00	0,68
NP10B-1	5/8"X3/8"	73115007X	73115057X	73115087X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	0,67	22,40	0,91
NP12B-1	3/4"X7/16	73119007X	73119057X	73119087X	19,050	3/4"	11,68	5,72	12,07	22,70	16,13	0,88	29,00	1,12
NP16B-1	1"X17,02	73125007X	73125057X	73125087X	25,400	1"	17,02	8,27	15,88	36,10	21,08	2,07	60,00	2,59

Double - Doppia

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	f	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	cm ²	kN. min.	kg/m
NP06B-2	3/8"X7/32"	73209007X	73209057X	73209087X	9,525	3/8"	5,72	3,28	6,35	23,80	8,20	10,24	0,56	16,90	0,76
NP08B-2	1/2"X5/16"	73212007X	73212057X	73212087X	12,700	1/2"	7,75	4,45	8,51	31,00	11,80	13,92	1,00	32,00	1,31
NP10B-2	5/8"X3/8"	73215007X	73215057X	73215087X	15,875	5/8"	9,65	5,08	10,16	36,20	14,70	16,59	1,34	44,50	1,79
NP12B-2	3/4"X7/16	73219007X	73219057X	73219087X	19,050	3/4"	11,68	5,72	12,07	42,20	16,10	19,46	1,78	57,80	2,22
NP16B-2	1"X17,02	73225007X	73225057X	73225087X	25,400	1"	17,02	8,27	15,88	68,00	21,00	31,88	4,14	106,00	5,03

NICKEL PLATED CHAINS

- Nickel Plated chains: these chains are ideal for use in light corrosive atmosphere, for protection in high humidity or washdown environments.
- All components are chemically nickel-plated prior to assembly.
- The mechanical strength of the chain is the same as standard not plated chains.
- Pins offer a high level of corrosion protection and wear resistance.
- Chains are fitted with seamless rollers and are supplied lightly oiled.
- Nickel-plated chains are used mainly in the food and packaging industry.



XRC® STRAIGHT SIDE PLATE

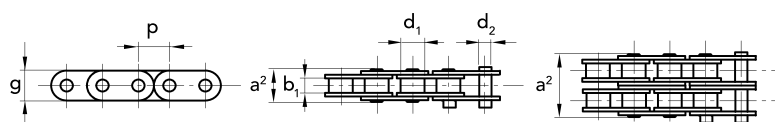
PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
06B-1	3/8"x7/32"	70109007X	70109057X	70109087X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	0,28	9,00	0,40
GL08B-1	1/2"x5/16"	74112607X	74112657X	70112687X	12,70	1/2"	7,75	4,45	8,51	17,00	11,80	0,50	18,00	0,75
GL10B-1	5/8"x3/8"	74115607X	74115657X	70115687X	15,875	5/8"	9,65	5,08	10,16	19,60	14,70	0,67	22,40	0,98
GL12B-1	3/4"x7/16"	74119607X	74119657X	70119687X	19,05	3/4"	11,68	5,72	12,07	22,70	16,10	0,88	29,00	1,24
GL16B-1	1"x17,02	74225607X	74225657X	70225087X	25,40	1"	17,02	8,27	15,88	36,10	20,58	2,07	60,00	3,30

Double - Doppia

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
06B-2	3/8"x7/32"	70209007X	70209057X	70209087X	9,525	3/8"	5,72	3,28	6,35	23,80	8,20	0,56	16,90	0,76
GL08B-2	1/2"x5/16"	74212607X	74212657X	74212687X	12,70	1/2"	7,75	4,45	8,51	31,00	11,80	1,00	32,00	1,44
GL10B-2	5/8"x3/8"	74215607X	74215657X	70215087X	15,875	5/8"	9,65	5,08	10,16	36,20	14,70	1,34	44,50	1,97
GL12B-2	3/4"x7/16"	74219607X	74219657X	70219087X	19,05	3/4"	11,68	5,72	12,07	42,20	16,10	1,76	57,80	2,27
GL16B-2	1"x17,02	74125607X	74125657X	70125687X	25,40	1"	17,02	8,27	15,88	68,00	20,58	4,14	113,76	5,78

- 06B-1 and 06B-2 chains straight plate side as ISO606 requirement.



XRC® HOLLOW PINS

PACKAGE OF 5MT

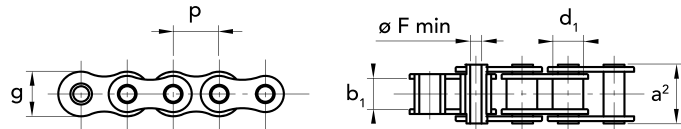
CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning
superior than ISO 606 requirement and
pre-lubed. This operation is carried out to
minimise settling time.

Rollerless type

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice

ISO N.	CODE		CODE		P		b ₁	d ₁	a ²	Ø F	g	f	breaking load	weight
	CHAIN	C/L	OFFSET		mm	inch	min.mm	max mm	max mm	max mm	max mm	cm ²	kN. min.	kg/m
HP08B-1	1/2"X5/16"	74112707X	74112757X	74112787X	12,700	1/2"	7,75	8,51	17,20	4,50	11,80	0,70	9,50	0,5
HP10B-1	5/8"X3/8"	on demand	on demand	on demand	15,875	5/8"	9,65	10,16	19,60	5,18	14,70	1,00	12,80	0,8



XRC® PRO

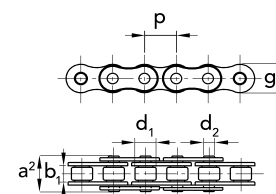
PACKAGE OF 2,5MT - PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001 CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.



f = bearing area

Simple - Semplice														
ISO N.		CODE		CODE	P		b ₁	d ₂	d ₁	a ²	g	f	breaking load	weight
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	cm²	kN. min.	kg/m
PRO08B-1	1/2"x5/16"	on demand	on demand	70112087X	12.70	1/2"	7,75	4,45	8,51	20,90	11,81	0,50	20,79	0,74
PRO10B-1	5/8"x3/8"	on demand	on demand	70115087X	15.875	5/8"	9,65	5,08	10,16	23,70	14,73	0,67	27,65	0,98
PRO12B-1	3/4"x7/16	on demand	on demand	70119087X	19.05	3/4"	11,68	5,72	12,07	27,30	16,13	0,88	33,34	1,20
PRO16B-1	1"x17,02	70125007XP	70125057XP	70125087X	25.40	1"	17,02	8,27	15,88	41,50	21,08	2,07	73,55	2,87
PRO20B-1	1"1/4x3/4"	on demand	on demand	70131087X	31.75	1 1/4"	19.56	10.19	19.05	49.30	26.42	2.91	110.82	3.85

HIGH PERFORMANCE PRO CHAINS

- Higher breaking load
- Increased fatigue strength and wear life

OPTIMIZED PLATE PROFILE

- Reduction of stress on plate holes
- Increased plate width enhances breaking load



SHOT PEENED PLATES

- Fatigue life is enhanced by shot peening and pre-stressing processes



XRC[®] ROLLER CHAIN WITH ATTACHMENTS

Our XRC[®] attachment chains are designed to transform standard power transmission into high-precision conveying systems. Engineered for reliability, these chains ensure seamless synchronization and maximum versatility across all industrial sectors.

CORE SPECIFICATIONS:

- **Standards:** compliant with DIN 8187
- **Configurations:** wide range of **Bent (A1, A2, K1, K2)** and **Straight (M1, M2, M35, M35/02)** attachments and **Extended Pins**

CUSTOM FEATURES:

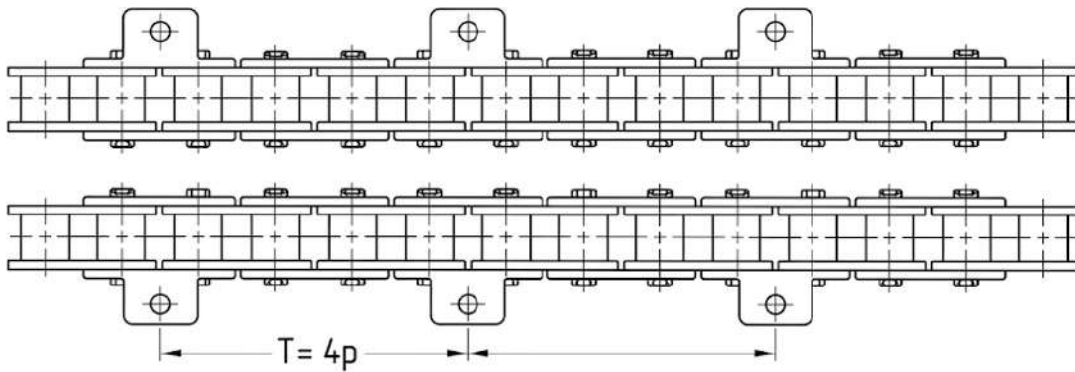
- **Standards** attachments at specific intervals, on one or both sides, are available **on demand**
- **Special** attachments, according to customer drawing, are available **on demand**

HOW TO ORDER A ROLLER CHAIN WITH ATTACHMENTS:

- **Chain Type:** 06B-1, 08B-1...
- **Attachment Code Type:** A1, A2, K1, K2, M1, M2, M35 or M35-2
- **Attachment Combination:** details about design (eg. one side or both sides) are required.
Preferably in multiples of pitch, standard attachments are typically designed to fit only on the outer links.

CHAIN LENGTH:

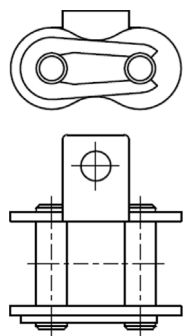
- **5 Mt Length:** The end links are always inner links (connecting links must be ordered separately).
- **Custom Length:** Number of links must be clearly stated (as per below sketch).



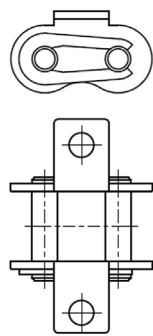


XRC® ROLLER CHAIN WITH ATTACHMENTS

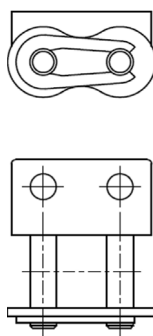
A1 SPRING CLIP CONNECTING LINK



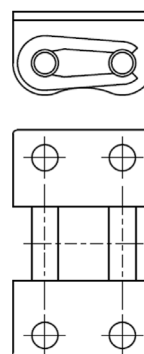
K1 SPRING CLIP CONNECTING LINK



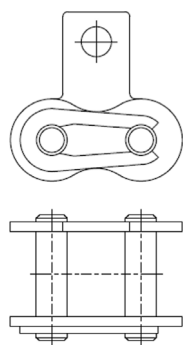
A2 SPRING CLIP CONNECTING LINK



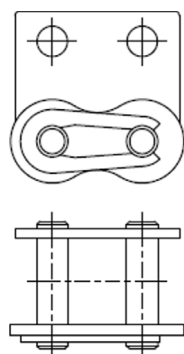
K2 SPRING CLIP CONNECTING LINK



M1 / M35 SPRING CLIP CONNECTING LINK



M2 / M35-2 SPRING CLIP CONNECTING LINK





XRC[®] ROLLER CHAIN WITH STANDARD (DIN 8187) BENT ATTACHMENTS TYPE "A"

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

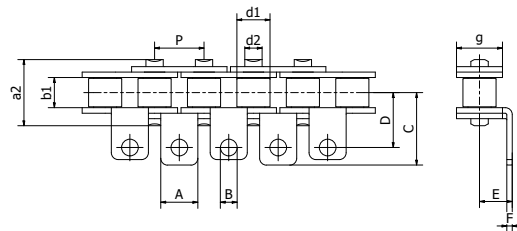
All XRC[®] chains are subject to pretensioning
superior than ISO 606 requirement and
pre-lubed. This operation is carried out to
minimise settling time.

Connection links not included, purchase
separately.

EUROPEAN SERIES

A1: One Side and One Bore Hole

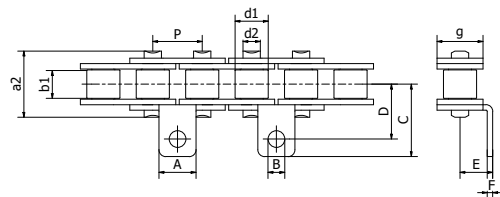
01: Mounted on the inner and the outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007A11X	75109057A11X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	8,00	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007A11X	75112057A11X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	11,00	4,50	18,20	12,70	8,40	1,40	18,40
10B-1	5/8"x3/8"	75115007A11X	75115057A11X	15,875	5/8"	9,65	5,07	10,16	18,67	14,48	14,28	5,30	22,30	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16"	75119007A11X	75119057A11X	19,05	3/4"	11,68	5,72	12,07	22,20	15,82	15,85	6,60	26,15	19,05	13,50	1,80	29,60
16B-1	1"x17,02	75125007A11X	75125057A11X	25,4	1"	17,02	8,28	15,88	36,10	21,08	19,00	6,80	37,40	25,40	15,90	3,00	61,20

A1: One Side and One Bore Hole

02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007A12X	75109057A12X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	8,00	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007A12X	75112057A12X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	11,00	4,50	18,20	12,70	8,89	1,40	18,40
10B-1	5/8"x3/8"	75115007A12X	75115057A12X	15,875	5/8"	9,65	5,07	10,16	18,67	14,48	14,28	5,30	22,30	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16"	75119007A12X	75119057A12X	19,05	3/4"	11,68	5,71	12,07	22,20	15,82	15,85	6,60	26,15	19,05	13,50	1,80	29,60
16B-1	1"x17,02	75125007A12X	75125057A12X	25,4	1"	17,02	8,28	15,88	36,10	21,08	18,85	6,80	37,40	25,40	15,90	3,00	61,20



XRC® ROLLER CHAIN WITH STANDARD (DIN 8187) BENT ATTACHMENTS TYPE "A"

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001 CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

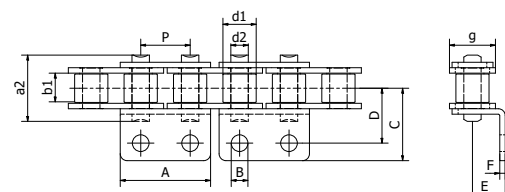
All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

A2: One Side and Two Bore Holes

02: Mounted only on outer links



ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007A22X	75109057A22X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	17,60	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007A22X	75112057A22X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	23,22	4,50	18,20	12,70	8,89	1,40	18,40
10B-1	5/8"x3/8"	75115007A22X	75115057A22X	15,875	5/8"	9,65	5,07	10,16	19,60	14,48	29,31	5,50	22,37	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16	75119007A22X	75119057A22X	19,05	3/4"	11,68	5,71	12,07	22,20	15,82	32,99	6,60	26,20	19,05	13,50	1,80	29,50
16B-1	1"x17.02	75125007A22X	75125057A22X	25.4	1"	17.02	8.28	15.88	36.10	21.08	45.90	6.80	37.40	25.40	15.90	3.00	61.20



XRC® ROLLER CHAIN WITH STANDARD (DIN 8187) BENT ATTACHMENTS TYPE “K”

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001 CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

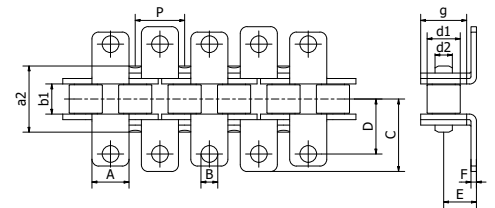
All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

K1: Two Sides and One Bore Hole

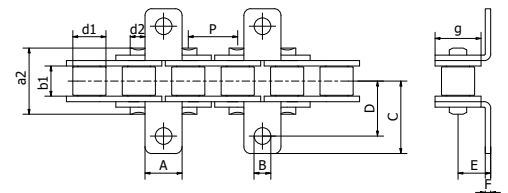
01: Mounted on the inner and the outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007K11X	75109057K11X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	8,00	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007K11X	75112057K11X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	11,00	4,50	18,20	12,70	8,90	1,40	18,40
10B-1	5/8"x3/8"	75115007K11X	75115057K11X	15,875	5/8"	9,65	5,07	10,16	18,67	14,48	14,28	5,30	22,30	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16	75119007K11X	75119057K11X	19,05	3/4"	11,68	5,72	12,07	22,20	15,82	15,85	6,60	26,15	19,05	13,50	1,80	29,60
16B-1	1"x17,02	75125007K11X	75125057K11X	25,4	1"	17,02	8,28	15,88	36,10	21,08	18,85	6,80	37,40	25,40	15,90	3,00	58,00

K1: Two Sides and One Bore Hole

02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007K12X	75109057K12X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	8,00	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007K12X	75112057K12X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	11,00	4,50	18,20	12,70	8,89	1,40	18,40
10B-1	5/8"x3/8"	75115007K12X	75115057K12X	15,875	5/8"	9,65	5,07	10,16	18,67	14,48	14,28	5,30	22,30	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16	75119007K12X	75119057K12X	19,05	3/4"	11,68	5,72	12,07	22,20	15,82	15,85	6,60	26,17	19,05	13,50	1,80	29,60
16B-1	1"x17,02	75125007K12X	75125057K12X	25,4	1"	17,02	8,28	15,88	36,10	21,08	18,85	6,80	37,40	25,40	15,90	3,00	61,20



XRC® ROLLER CHAIN WITH STANDARD (DIN 8187) BENT ATTACHMENTS TYPE “K”

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

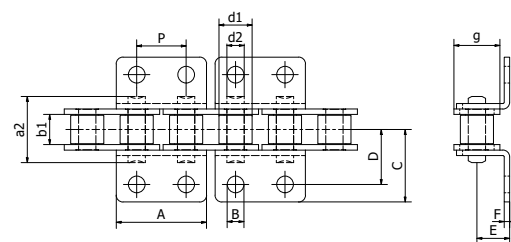
All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

K2: Two Sides and Two Bore Holes

02: Mounted only on outer links



ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a ²	g	A	B	C	D	E	F	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	mm	kN. min.
06B-1	3/8"x7/32"	75109007K22X	75109057K22X	9,525	3/8"	5,72	3,28	6,35	13,50	8,26	17,60	3,50	13,50	9,50	6,50	1,03	9,10
08B-1	1/2"x5/16"	75112007K22X	75112057K22X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	23,22	4,50	18,20	12,70	8,89	1,40	18,40
10B-1	5/8"x3/8"	75115007K22X	75115057K22X	15,875	5/8"	9,65	5,07	10,16	18,68	14,48	29,30	5,50	22,30	15,90	10,30	1,63	22,90
12B-1	3/4"x7/16	75119007K22X	75119057K22X	19,05	3/4"	11,68	5,71	12,07	22,20	15,82	32,99	6,60	26,20	19,05	13,50	1,80	29,60
16B-1	1"x17.02	75125007K22X	75125057K22X	25.4	1"	17.02	8.28	15.88	36.10	21.08	45.90	6.80	39.10	25.40	15.90	3.00	61.20



XRC[®] ROLLER CHAIN WITH STRAIGHT ATTACHMENTS TYPE "M"

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

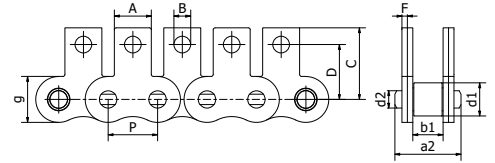
All XRC[®] chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

M1: Two Sides and One Bore Hole

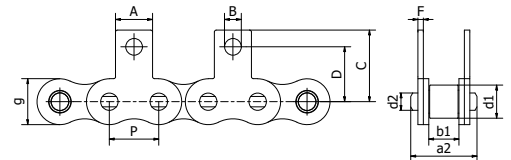
01: Mounted on the inner and the outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load
CHAIN		C/L		mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M11X	75112057M11X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	9,50	4,30	18,42	14,10	1,40	18,40

M1: Two Sides and One Bore Hole

02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M12X	75112057M12X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	9,50	4,30	18,42	14,10	1,40	18,40
10B-1	5/8"x3/8"	75115007M12X	75115057M12X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	14,10	5,20	24,70	15,90	1,63	22,90
12B-1	3/4"x7/16	75119007M12X	75119057M12X	19,05	3/4"	11,68	5,72	12,07	22,70	16,13	15,88	5,60	26,57	17,90	1,80	29,50



XRC® ROLLER CHAIN WITH STRAIGHT ATTACHMENTS

TYPE "M"

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

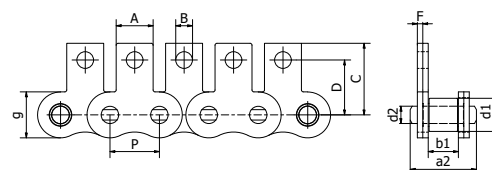
All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

M35: One Side and One Bore Hole

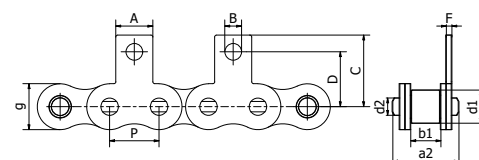
01: Mounted on the inner and the outer links



ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M351X	75112057M351X	12.7	1/2"	7.75	4.45	8.51	17.00	11.81	9.50	4.30	18.40	14.10	1.40	18.40

M35: One Side and One Bore Hole

02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M352X	75112057M352X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	9,50	4,30	18,42	14,10	1,40	18,40
10B-1	5/8"x3/8"	75115007M352X	75115057M352X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	14,10	5,20	24,70	15,90	1,63	22,90
12B-1	3/4"x7/16"	75119007M352X	75119057M352X	19,05	3/4"	11,68	5,72	12,07	22,70	16,13	15,88	5,60	26,57	17,90	1,80	29,60



XRC[®] ROLLER CHAIN WITH STRAIGHT ATTACHMENTS

TYPE “M”

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

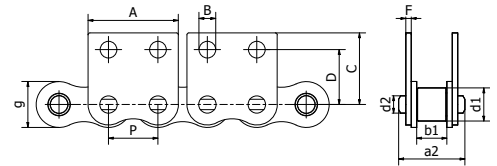
All XRC[®] chains are subject to pretensioning
superior than ISO 606 requirement and
pre-lubed. This operation is carried out to
minimise settling time.

Connection links not included, purchase
separately.

EUROPEAN SERIES

M2: Two Sides and Two Bore Holes

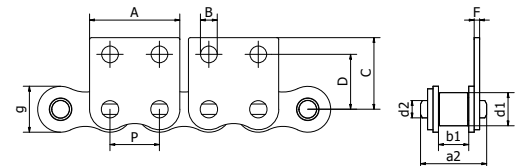
02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M22X	75112057M22X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	23,22	4,30	18,34	14,40	1,40	18,40
10B-1	5/8"x3/8"	75115007M22X	75115057M22X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	29,31	5,20	24,70	15,90	1,63	22,90
12B-1	3/4"x7/16"	75119007M22X	75119057M22X	19,05	3/4"	11,68	5,72	12,07	22,70	16,13	32,99	5,60	31,55	17,90	1,80	29,60

M35-2: One Side and Two Bore Holes

02: Mounted only on outer links



ISO N.		CODE	CODE	P		b ₁	d ₂	d ₁	a ²	g	A	B	C	D	F	breaking load
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	max mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007M3522X	75112057M3522X	12,7	1/2"	7,75	4,45	8,51	17,00	11,81	23,22	4,30	18,34	14,40	1,40	18,40
10B-1	5/8"x3/8"	75115007M3522X	75115057M3522X	15,875	5/8"	9,65	5,08	10,16	19,60	14,73	29,31	5,20	24,70	15,90	1,63	22,90
12B-1	3/4"x7/16"	75119007M3522X	75119057M3522X	19,05	3/4"	11,68	5,72	12,07	22,70	16,13	32,99	5,60	31,55	17,90	1,80	29,60



XRC® ROLLER CHAIN WITH EXTENDED PIN

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN **ISO 9001**
CERTIFIED FACTORY

COMPLIANT TO **ISO 606 - DIN 8187**

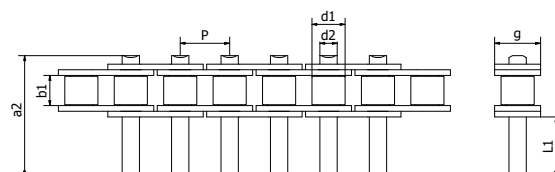
All XRC® chains are subject to pretensioning superior than ISO 606 requirement and pre-lubed. This operation is carried out to minimise settling time.

Connection links not included, purchase separately.

EUROPEAN SERIES

D1: One side

01: Mounted on every single pitch



ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a ²	g	L1	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.
08B-1	1/2"x5/16"	75112007D11X	75112057D11X	12.7	1/2"	7.75	4.45	8.51	30.91	11.81	15.15	18.40



QRC[®] QUALITY ROLLER CHAIN

INTRODUCTION

- QRC[®] chain is the optimum choice for **light duty applications**, with competitive costs and delivery.
- The best standard in the economy category chain.
- A reliable product from a reliable supplier for “entry level” chain applications, from power transmission to light conveyor. This makes the chain a good and cost-effective solution for your applications.

KEY FEATURES OF THE QRC[®] CHAIN

1. Specially designed for machine manufacturers (OEM).
2. Applications from 0.1 kW to 1,000 kW, available in 1, 2, 3 strands of rollers.
3. An extensive product line of European (BS), ANSI and standard chains.
4. According to **ISO 606**, lubricated and pre-tensioning; heat-treated and seamless **rollers**, hardened **plates** to increase the fatigue resistance of the chain, case-hardened **pins** to achieve good wear and case-hardened **bushes**.
5. QRC[®] chain fulfills ISO and ANSI quality requirements, for universal use.

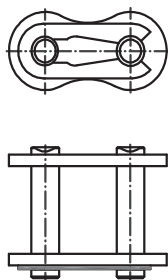


CONNECTING AND OFFSET LINKS

SINGLE AND MULTIPLE STRAND CHAIN

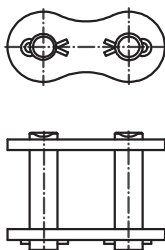
SPRING CLIP CONNECTING LINK

Standard connecting link.
The cover linkplate is held in place by a spring clip, split at one end to permit easy installation and removal.



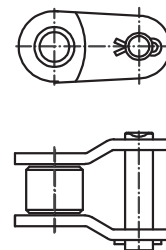
COTTERED CONNECTING LINK

Standard connecting link for larger chains.
The cover linkplate is held in place by cotter pins.



SINGLE OFFSET LINK

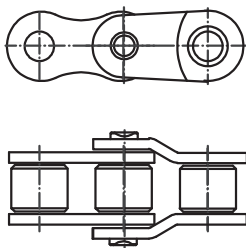
Links which can be added using a slip fit bolt and cotter key to add a single pitch length to the chain.



One pitch offset link (1R).
The pin and two plates are slip fit. The fatigue strength is 35% lower than the chain itself.

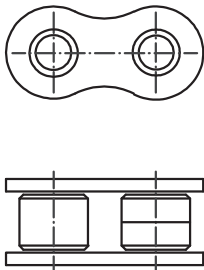
DOUBLE OFFSET LINK

Similar to a single offset link except assembled into the chain. Press fit construction increases rigidity, reliability, and durability.



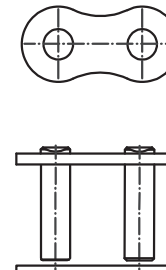
INTERNAL ROLLER LINK

By adding outer links, the inner links are connected to form a chain.



RIVETED CONNECTING LINK

Optional connecting link.
The press fit-cover plate is standard; pins should be riveted or peened on the ends once the cover linkplate is installed.



Two pitch offset links are the combination of a roller link and an offset link connected with a rivet pin. The fatigue strength is the same as the fatigue strength of the base chain.



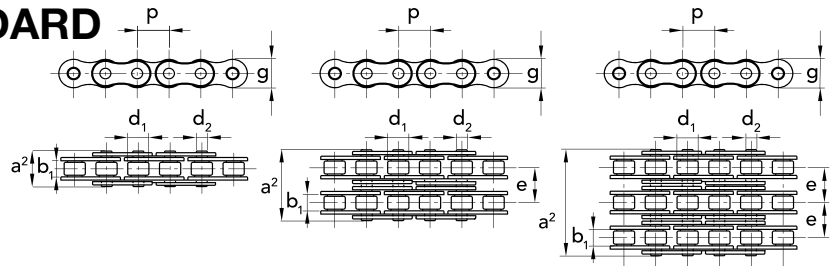
QRC® EUROPEAN (BS) STANDARD

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Simple - Semplice

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m
04B-1	P6	70106007	70106057	70106087	6	-	2,80	1,85	4,00	7,4	5,00	3,00	0,12
05B-1	P8	70108007	70108057	70108087	8	-	3,00	2,31	5,00	8,6	7,11	4,40	0,18
05B-1	P8			70108387	8	-	3,00	2,31	5,00	8,6	7,11	4,40	0,18
06B-1	3/8"x7/32"	70109007	70109057	70109087	9,525	3/8"	5,72	3,28	6,35	13,5	8,26	8,90	0,40
06B-1	3/8"x7/32"		70109457	70109387	9,525	3/8"	5,72	3,28	6,35	13,5	8,26	8,90	0,40
081	1/2"x1/8"	70110008	70110058	70110088	12,7	1/2"	3,30	3,64	7,75	9,3	9,80	8,00	0,28
083	1/2"x3/16"	70111008	70111058	70111088	12,7	1/2"	4,88	4,06	7,75	12,9	10,30	11,6	0,42
084	1/2"x3/16" R	70171008	70171058	70171088	12,7	1/2"	4,88	4,06	7,75	14,2	11,00	15,6	0,59
085	1/2"x1/4"	70113007	70113057	70113087	12,7	1/2"	6,25	3,58	7,77	13,75	9,91	6,7	0,41
08B-1	1/2"x5/16"	70112007	70112057	70112087	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	17,80	0,68
08B-1	1/2"x5/16"		70112457	70112387	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	17,80	0,68
10B-1	5/8"x3/8"	70115007	70115057	70115087	15,875	5/8"	9,65	5,08	10,16	19,6	14,73	22,20	0,91
10B-1	5/8"x3/8"		70115457		15,875	5/8"	9,65	5,08	10,16	19,6	14,73	22,20	0,91
12B-1	3/4"x7/16	70119007	70119057	70119087	19,05	3/4"	11,68	5,72	12,07	22,7	16,13	28,90	1,12
12B-1	3/4"x7/16		70119457		19,05	3/4"	11,68	5,72	12,07	22,7	16,13	28,90	1,12
16B-1	1"x17,02	70125007	70125057	70125087	25,4	1"	17,02	8,28	15,88	36,1	21,08	60,00	2,59
16B-1	1"x17,02		70125157		25,4	1"	17,02	8,28	15,88	36,1	21,08	60,00	2,59
16B-1	1"x17,02		70125457		25,4	1"	17,02	8,28	15,88	36,1	21,08	60,00	2,59
20B-1	1"1/4x3/4"	70131007	70131057	70131087	31,75	1 1/4"	19,56	10,19	19,05	43,2	26,42	95,00	3,68
20B-1	1"1/4x3/4"		70131457		31,75	1 1/4"	19,56	10,19	19,05	43,2	26,42	95,00	3,68
24B-1	1"1/2x1"	70138007	70138057	70138087	38,1	1 1/2"	25,40	14,63	25,40	53,4	33,40	160,00	6,85
28B-1	1"3/4x1"1/4"	70144007	70144057	70144087	44,45	1 3/4"	30,99	15,9	27,94	65,1	37,08	200,00	8,56
32B-1	2"x1"1/4	70150007	70150057	70150087	50,8	2"	30,99	17,81	29,21	67,4	42,29	250,00	9,49
40B-1	2" 1/2x1"1/2	70163007	70163157	70163087	63,5	2" 1/2	38,10	22,89	39,37	82,60	52,90	355,00	16,30

Double - Doppia

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m
05B-2	P8	70208007	70208057	70208087	8	-	3,00	2,31	5,00	14,3	7,11	5,64	9,80	0,36
06B-2	3/8"x7/32"	70209007	70209057	70209087	9,525	3/8"	5,72	3,28	6,35	23,8	8,26	10,24	16,90	0,76
08B-2	1/2"x5/16"	70212007	70212057	70212087	12,7	1/2"	7,75	4,45	8,51	31,0	11,81	13,92	31,10	1,31
10B-2	5/8"x3/8"	70215007	70215057	70215087	15,875	5/8"	9,65	5,08	10,16	36,2	14,73	16,59	44,50	1,79
12B-2	3/4"x7/16	70219007	70219057	70219087	19,05	3/4"	11,68	5,72	12,07	42,2	16,13	19,46	57,80	2,22
16B-2	1"x17,02	70225007	70225057	70225087	25,4	1"	17,02	8,28	15,88	68,0	21,08	31,88	106,00	5,03
20B-2	1"1/4x3/4"	70231007	70231057	70231087	31,75	1 1/4"	19,56	10,19	19,05	79,7	26,42	35,45	170,00	7,33
24B-2	1"1/2x1"	70238007	70238057	70238087	38,1	1 1/2"	25,4	14,63	25,4	101,8	33,4	48,36	280,00	13,50
28B-2	1"3/4x1"1/4"	70244007	70244057	70244087	44,45	1 3/4"	30,99	15,9	27,94	124,7	37,08	59,56	360,00	16,96
32B-2	2"x1"1/4	70250007	70250057	70250087	50,8	2"	30,99	17,81	29,21	126,0	42,29	58,55	450,00	18,74
40B-2	2"1/2x1"1/2	70263007	70263157	70263087	63,5	2" 1/2	38,10	22,89	39,37	154,0	52,90	72,29	630,00	31,80

Triple - Tripla

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m
06B-3	3/8"x7/32"	70309007	70309057	70309087	9,525	3/8"	5,72	3,28	6,35	34,0	8,26	10,24	24,90	1,12
08B-3	1/2"x5/16"	70312007	70312057	70312087	12,7	1/2"	7,75	4,45	8,51	44,9	11,81	13,92	47,50	1,94
10B-3	5/8"x3/8"	70315007	70315057	70315087	15,875	5/8"	9,65	5,08	10,16	52,8	14,73	16,59	66,70	2,68
12B-3	3/4"x7/16	70319007	70319057	70319087	19,05	3/4"	11,68	5,72	12,07	61,7	16,13	19,46	86,70	3,32
16B-3	1"x17,02	70325007	70325057	70325087	25,4	1"	17,02	8,28	15,88	99,9	21,08	31,88	160,00	7,65
20B-3	1"1/4x3/4"	70331007	70331057	70331087	31,75	1 1/4"	19,56	10,19	19,05	116,1	26,42	35,45	250,00	10,96
24B-3	1"1/2x1"	70338007	70338057	70338087	38,1	1 1/2"	25,4	14,63	25,4	150,2	33,40	48,36	425,00	20,20
28B-3	1"3/4x1"1/4"	70344007	70344057	70344087	44,45	1 3/4"	30,99	15,9	27,94	184,3	37,08	59,56	530,00	25,38
32B-3	2"x1"1/4	70350007	70350057	70350087	50,8	2"	30,99	17,81	29,21	184,5	42,29	58,55	670,00	28,04

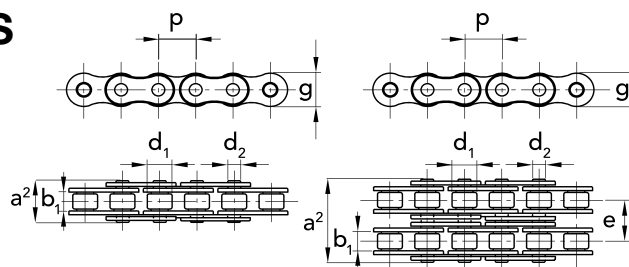
• Internal Roller Link • Double offset link • Connecting link with cottered pin



QRC® EUROPEAN (BS) CHAIN IN REELS

COMPLIANT TO ISO 606 - DIN 8187

Connection links not included, purchase separately.



Simple 100m reels - Semplice 100m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight		
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m	
	05B-1	P8	72108007	8	-	3,00	2,31	5,00	8,6	7,11	4,40	0,18
	06B-1	3/8"x7/16"	72109007	9,525	3/8"	5,72	3,28	6,35	13,5	8,26	8,90	0,40
■	081	1/2"x1/8"	72110008	12,7	1/2"	3,30	3,64	7,75	9,3	9,80	8,00	0,28
	083	1/2"x3/16"	72111008	12,7	1/2"	4,88	4,06	7,75	12,9	10,30	12,00	0,42
	084	1/2"x3/16" R	72171008	12,7	1/2"	4,88	4,06	7,75	14,2	11,00	16,00	0,59
■ ■	08B-1	1/2"x5/16"	72112007100	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	17,80	0,68

Simple 50m reels - Semplice 50m in bobina

ISO N.			CODE		P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight
			CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m
■ ■	08B-1	1/2"x5/16"	72112007	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	17,80	0,68
	10B-1	5/8"x3/8"	72115007	15,875	5/8"	9,65	5,08	10,16	19,6	14,73	22,20	0,91
■ ■ ■	12B-1	3/4"x7/16"	7211900750	19,05	3/4"	11,68	5,72	12,07	22,7	16,13	28,90	1,12

Simple 30m reels - Semplice 30m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m
16B-1	1"x17,02	7212500730	25,40	1"	17,02	8,28	15,88	36,1	21,08	60,00	2,59

Simple 25m reels - Semplice 25m in bobina

ISO N.		CODE		P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m	
---	12B-1	3/4"x7/16"	72119007	19.05	3/4"	11.68	5.72	12.07	22.7	16.13	28.90	1.12

Simple 20m reels - Semplice 20m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	kN. min.	kg/m
20B-1	1"1/4x3/4"	72131007	31.75	1 1/4"	19.56	10.19	19.05	43.2	26.42	95.00	3.68

Double 50m reels - Doppia 50m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m
06B-2	3/8"x7/16"	72209007	9.525	3/8"	5.72	3.28	6.35	23.8	8.26	10.24	16.90	0.76

Double 25m reels - Doppia 25m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m
08B-2	1/2"x5/16"	72212007	12,7	1/2"	7,75	4,45	8,51	31,0	11,81	13,92	32,00	1,31
10B-2	5/8"x3/8"	72215007	15,875	5/8"	9,65	5,08	10,16	36,2	14,73	16,59	44,50	1,79
12B-2	3/4"x7/16"	72219007	19,05	3/4"	11,68	5,72	12,07	42,2	16,13	19,46	57,80	2,22

Double 15m reels - Doppia 15m in bobina

ISO N.		CODE	P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	mm	inch	min.mm	mm	max mm	max mm	mm	kN. min.	kg/m	
16B-2	1"x17.02	72225007	25.40	1"	17.02	8.28	15.88	68.0	21.08	31.88	106.00	5.03

■ 081, 200m ■ ■ 08B-1, both 100m and 50m ■ ■ ■ 12B-1, both 50m and 25m



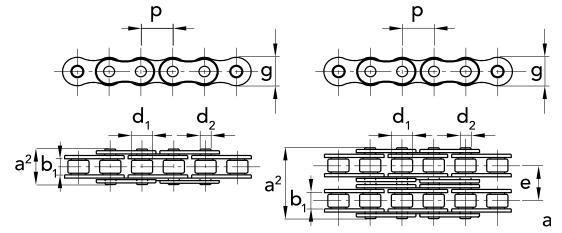
QRC® "ANSI" ASA

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Simple - Semplice

ANSI N.	CODE			P		b ₁		d ₂	d ₁	a ²	g	breaking load kN. min.	weight kg/m
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	max mm		
35-1	3/8"x3/16"	71103007	71103057	71103087	9,525	3/8"	4,77	3,58	5,08	13,2	9,05	7,90	0,34
40-1	1/2"x5/16"	71104007	71104057	71104087	12,7	1/2"	7,95	3,96	7,92	17,8	12,07	13,90	0,63
50-1	5/8"x3/8"	71105007	71105057	71105087	15,875	5/8"	9,53	5,08	10,16	21,8	15,09	21,80	1,04
60-1	3/4"x1/2"	71106007	71106057	71106087	19,05	3/4"	12,70	5,94	11,91	26,9	18,08	31,30	1,52
80-1	1"x5/8"	71108007	71108057	71108087	25,4	1"	15,88	7,92	15,88	33,5	24,13	55,60	2,58
100-1	1"1/4x3/4"	71110007	71110057	71110087	31,75	1 1/4"	19,05	9,53	19,05	41,1	30,18	87,00	3,85
120-1	1"1/2x1"	71112007	71112057	71112087	38,1	1 1/2"	25,40	11,10	22,23	50,8	36,2	125,00	5,61
140-1	1"3/4x1"	71114007	71114057	71114087	44,45	1 3/4"	25,40	12,70	25,40	54,9	42,24	170,00	7,24
160-1	2"x1"1/4"	71116007	71116057	71116087	50,8	2"	31,75	14,27	28,58	65,5	48,26	223,00	9,91

Double - Doppia

ANSI N.	CODE			P		b ₁		d ₂	d ₁	a ²	g	e	breaking load kN. min.	weight kg/m
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	max mm	mm		
35-2	3/8"x3/16"	71203007	71203057	71203087	9,525	3/8"	4,77	3,58	5,08	21,6	9,05	10,13	15,80	0,67
40-2	1/2"x5/16"	71204007	71204057	71204087	12,7	1/2"	7,95	3,96	7,92	32,3	12,07	14,38	27,80	1,26
50-2	5/8"x3/8"	71205007	71205057	71205087	15,875	5/8"	9,53	5,08	10,16	39,9	15,09	18,11	43,80	2,05
60-2	3/4"x1/2"	71206007	71206057	71206087	19,05	3/4"	12,7	5,94	11,91	49,8	18,08	22,78	62,60	3,01
80-2	1"x5/8"	71208007	71208057	71208087	25,4	1"	15,88	7,92	15,88	62,7	24,13	29,29	111,10	5,13
100-2	1"1/4x3/4"	71210007	71210057	71210087	31,75	1 1/4"	19,05	9,53	19,05	77	30,18	35,76	174,00	7,64
120-2	1"1/2x1"	71212007	71212057	71212087	38,1	1 1/2"	25,4	11,10	22,23	96,3	36,2	45,44	250,00	11,13
140-2	1"3/4x1"	71214007	71214057	71214087	44,45	1 3/4"	25,4	12,70	25,4	103,6	42,24	48,87	340,00	14,37
160-2	2"x1"1/4"	71216007	71216057	71216087	50,8	2"	31,75	14,27	28,58	124,2	48,26	58,55	448,00	19,68

■ Connecting link with cottered pin



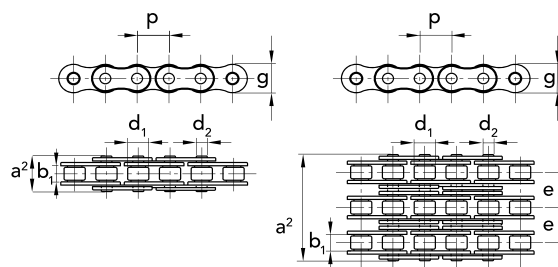
QRC® "ANSI" ASA

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Triple - Tripla

ANSI N.	CODE		CODE		P		b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m	
35-3	3/8"x3/16"	71303007	71303057	71303087	9,525	3/8"	4,77	3,58	5,08	31,8	9,05	10,13	23,70	0,99
40-3	1/2"x5/16"	71304007	71304057	71304087	12,7	1/2"	7,95	3,96	7,92	46,7	12,07	14,38	42,30	1,98
50-3	5/8"x3/8"	71305007	71305057	71305087	15,875	5/8"	9,53	5,08	10,16	57,9	15,09	18,11	66,60	3,06
60-3	3/4"x1/2"	71306007	71306057	71306087	19,05	3/4"	12,7	5,94	11,91	72,6	18,08	22,78	95,40	4,5
80-3	1"x5/8"	71308007	71308057	71308087	25,4	1"	15,88	7,92	15,88	91,7	24,13	29,29	170,10	7,67
100-3	1"1/4x3/4"	71310007	71310057	71310087	31,75	1 1/4"	19,05	9,53	19,05	113	30,18	35,76	265,50	11,43
120-3	1"1/2x1"	71312007	71312057	71312087	38,1	1 1/2"	25,4	11,1	22,23	141,7	36,2	45,44	381,00	16,67
140-3	1"3/4x1"	71314007	71314057	71314087	44,45	1 3/4"	25,4	12,7	25,4	152,4	42,24	48,87	517,20	21,51
160-3	2"x1"1/4"	71316007	71316057	71316087	50,8	2"	31,75	14,27	28,58	182,9	48,26	58,55	680,40	29,45

Simple reinforced - Semplice rinforzata

ANSI N.		CODE		P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight		
		CHAIN	C/L									OFFSET	mm
60H-1	3/4"x1/2"	72906007	72906057	72906087	19,05	3/4"	12,70	5,94	11,91	28,9	18,08	49,00	1,7
80H-1	1"x5/8"	72908007	72908057	72908087	25,4	1"	15,88	7,92	15,88	36,5	24,13	84,80	2,9
100H-1	1"1/4x3/4"	72910007	72910057	72910087	31,75	1"1/4	19,05	9,53	19,05	42,9	30,18	122,60	4,4
120H-1	1"1/2x1"	72912007	72912057	72912087	38,1	1"1/2	25,40	11,11	22,22	54,1	36,19	160,50	6,2

▪ Connecting link with cottered pin



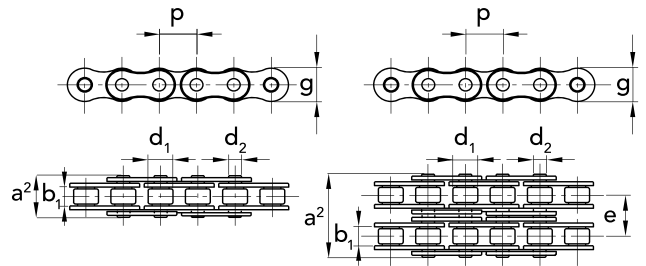
QRC[®] STAINLESS STEEL AISI 304

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Simple - Semplice STAINLESS STEEL AISI 304

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	kN. min.	kg/m
SS05B-1	P8	74108007	74108057	74108087	8	-	3,00	2,31	5,00	8,6	7,11	0,11	3,20	0,18
SS06B-1	3/8"x7/32"	74109007	74109057	74109087	9,53	3/8"	5,72	3,28	6,35	13,5	8,26	0,28	6,20	0,40
SS08B-1	1/2"x5/16"	74112007	74112057	74112087	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	0,50	12,00	0,68
SS10B-1	5/8"x3/8"	74115007	74115057	74115087	15,88	5/8"	9,65	5,08	10,16	19,6	14,73	0,67	14,50	0,91
SS12B-1	3/4"x7/16"	74119007	74119057	74119087	19,05	3/4"	11,68	5,72	12,07	22,7	16,13	0,89	18,50	1,12
SS16B-1	1"x17,02	74125007	74125057	74125087	25,4	1"	17,02	8,28	15,88	36,1	21,08	2,1	40,00	2,59

Double - Doppia STAINLESS STEEL AISI 304

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	kN. min.	kg/m
SS06B-2	3/8"x7/32"	74209007	74209057	74209087	9,53	3/8"	5,72	3,28	6,35	23,8	8,26	10,24	8,40	1,35
SS08B-2	1/2"x5/16"	74212007	74212057	74212087	12,7	1/2"	7,75	4,45	8,51	31,0	11,81	13,92	16,00	1,85
SS10B-2	5/8"x3/8"	74215007	74215057	74215087	15,88	5/8"	9,65	5,08	10,16	36,2	14,73	16,59	22,20	2,20
SS12B-2	3/4"x7/16"	74219007	74219057	74219087	19,05	3/4"	11,68	5,72	12,07	42,2	16,13	19,46	28,50	2,50
SS16B-2	1"x17,02	74225007	74225057	74225087	25,4	1"	17,02	8,28	15,88	68,0	21,08	31,88	69,00	5,40



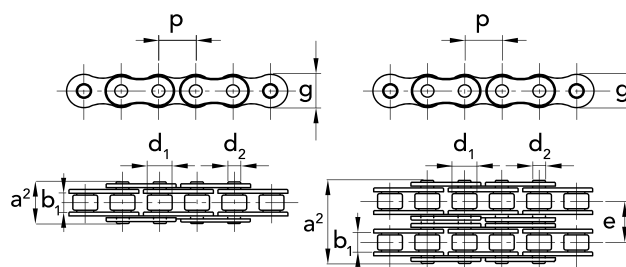
QRC[®] NICKEL PLATED

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Simple - Semplice NICKEL - PLATED

ISO N.	CHAIN	CODE	C/L	OFFSET	mm	inch	P	b ₁	d ₂	d ₁	a ²	g	breaking load	weight
NP06B-1	3/8"x7/32"	73109007	73109057	73109087	9,53	3/8"	5,72	3,28	6,35	13,5	8,26	7,60	15,20	0,41
NP08B-1	1/2"x5/16"	73112007	73112057	73112087	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	15,20	18,90	0,95
NP10B-1	5/8"x3/8"	73115007	73115057	73115087	15,88	5/8"	9,65	5,08	10,16	19,6	14,73	24,60	52,50	2,7
NP12B-1	3/4"x7/16"	73119007	73119057	73119087	19,05	3/4"	11,68	5,72	12,07	22,7	16,13	24,60	52,50	2,7
NP16B-1	1"x17/02	73125007	73125057	73125087	25,4	1"	17,02	8,28	15,88	36,1	21,08	52,50	52,50	2,7

Double - Doppia NICKEL - PLATED

ISO N.		CODE	CODE		P	b ₁	d ₂	d ₁	a ²	g	e	breaking load	weight	
		CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	kN. min.	kg/m
NP06B-2	3/8"x7/32"	73209007	73209057	73209087	9,525	3/8"	5,72	3,28	6,35	23,80	8,20	10,24	16,00	0,76
NP08B-2	1/2"x5/16"	73212007	73212057	73212087	12,7	1/2"	7,75	4,45	8,51	31,00	11,80	13,92	31,00	1,31
NP10B-2	5/8"x3/8"	73215007	73215057	73215087	15,875	5/8"	9,65	5,08	10,16	36,20	14,70	16,59	42,00	1,79
NP12B-2	3/4"x7/16"	73219007	73219057	73219087	19,05	3/4"	11,68	5,72	12,07	42,20	16,10	19,46	54,80	2,22
NP16B-2	1"x17.02	73225007	73225057	73225087	25.4	1"	17.02	8.27	15.88	68.00	21.00	31.88	104.00	5.03



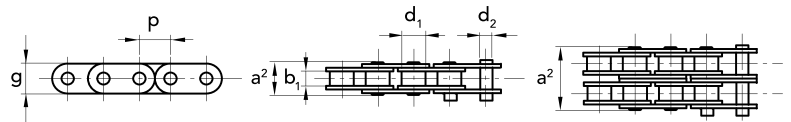
QRC® STRAIGHT SIDE PLATE

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included.



Simple - Semplice

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm		kN. min.	kg/m
06B-1	3/8"x7/32"	70109007	70109057	70109087	9,525	3/8"	5,72	3,28	6,35	13,5	8,26	8,90	0,40
GL08B-1	1/2"x5/16"	74112607	74112657	70112687	12,7	1/2"	7,75	4,45	8,51	17,0	11,81	17,80	0,8
GL10B-1	5/8"x3/8"	74115607	74115657	70115687	15,875	5/8"	9,65	5,08	10,16	19,6	14,73	23,20	1,0
GL12B-1	3/4"x7/16"	74119607	74119657	70119687	19,05	3/4"	11,68	5,72	12,07	22,7	16,13	28,90	1,3
GL16B-1	1"x17/32"	74125607	74125657	70125687	25,4	1"	11,02	8,28	15,88	36,1	21,08	60,00	2,9

Double - Doppia

ISO N.		CODE	CODE		P		b ₁	d ₂	d ₁	a ²	g	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	mm	max mm	max mm	max mm		kN. min.	kg/m
06B-2	3/8"x7/32"	70209007	70209057	70209087	9,525	3/8"	5,72	3,28	6,35	23,8	8,26	16,90	0,76
GL10B-2	5/8"x3/8"	74215607	74215657	70215087	16	5/8"	10	5	10	36	15	44,50	3
GL12B-2	3/4"x7/16"	74219607	74219657	70219087	19	3/4"	12	6	12	42	16	57,80	3

- 06B-1 and 06B-2 chains straight plate side as ISO606 requirement.

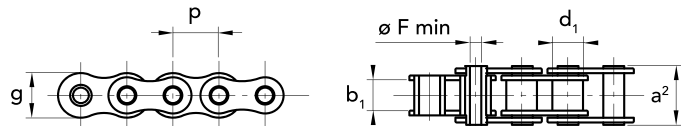
QRC® HOLLOW PINS

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN ISO 9001
CERTIFIED FACTORY

COMPLIANT TO ISO 606 - DIN 8187

Connection link included. - Rollerless type.



Simple - Semplice

ISO N.		CODE	CODE		P		b ₁	d ₁	a ²	Ø F	g	breaking load	weight
	CHAIN	C/L	OFFSET	mm	inch	min.mm	max mm	max mm	max mm	max mm		kN. min.	kg/m
HP08B-1	1/2"x5/16"	74112707	74112757	74112787	12,7	1/2"	7,75	8,51	17	4,4	11,7	9,00	0,5
HP10B-1	5/8"x3/8"	74115707	74115757	74115787	15,875	5/8"	9,65	10,16	21	5,1	14	12,00	0,8

QRC[®] ROLLER CHAIN WITH VULCANIZED ELASTOMER PROFILES

PACKAGE OF 5MT

CHAINS MANUFACTURED BY AN **ISO 9001**
CERTIFIED FACTORY

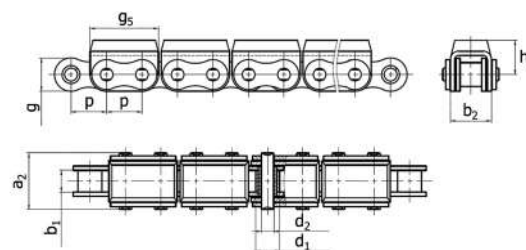
COMPLIANT TO **ISO 606 - DIN 8187**

STANDARD RUBBER PROFILE MADE OF NITRILE BUTADIENE RUBBER (NBR)
WITH A HARDNESS OF 70-80 SHORE A.

NBR PROFILE COLOR: **RAL 7035 (Grey)**

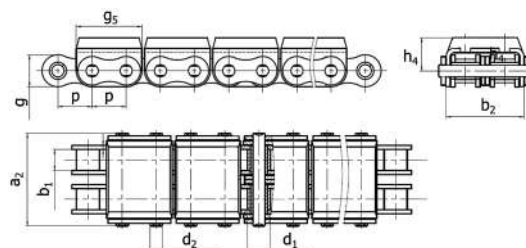
OPERATING TEMPERATURE RANGE: UP TO 60 °C

Connection link included.



Simple - Semplice

ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a2	g	b2	h4	g5	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	mm	kN. min.
08B-1	1/2"x5/16"	78112G07	78112G57	12,7	1/2"	7,75	4,45	8,50	20,20	11,78	14,60	12,30	24,40	17,80
10B-1	5/8"x3/8"	78115G07	78115G57	15,875	5/8"	9,65	5,08	10,16	23,40	14,60	16,80	17,00	30,00	22,20
12B-1	3/4"x7/16	78119G07	78119G57	19,05	3/4"	11,68	5,72	12,07	26,70	16,00	19,60	21,00	36,00	29,00
16B-1	1"x17,02	78125G07	78125G57	25,4	1"	17,02	8,28	15,88	39,90	21,00	29,05	22,10	49,00	70,60



Double - Doppia

ISO N.		CODE	CODE	P	b ₁	d ₂	d ₁	a2	g	b2	h4	g5	breaking load	
		CHAIN	C/L	mm	inch	min.mm	mm	max mm	max mm	max mm	mm	mm	mm	kN. min.
08B-2	1/2"x5/16"	78212G07	78212G57	12.7	1/2"	7.75	4.45	8.50	34.50	11.78	28.40	12.30	24.20	32.00

MOST IMPORTANT INDUSTRIAL BUSINESS SERVED

- Glass processing
- Woodworking Industry
- Ceramic industry
- Packaging industry

SPECIFIC PRODUCT

- Different Rubber Hardness (Sh) and Colours are available on demand.



CRT[®]

OUR PRODUCTS:

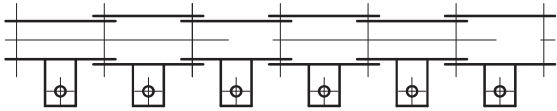
- Industrial conveyor chains according to ISO - DIN - BS Standard specifications,
- Industrial conveyor customized chains,
- Chains manufactured in carbon steel and stainless steel material,
- Chain sprockets.

MOST IMPORTANT INDUSTRIAL BUSINESS SERVED

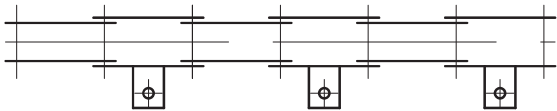
- Paper industry
- Bottle washing industry
- Escalators
- Cement industry
- Fruit / vegetable processing industry
- Water conditioning
- Canning industry
- Slaughtering industry
- Bread and confectionary ovens
- Brick industry
- Steel industry
- Food industry
- Wood industry
- Painting process
- Tobacco processing plants
- Bucket elevators
- Railway chains

ATTACHMENTS

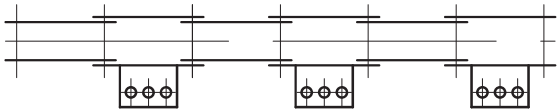
A1-01



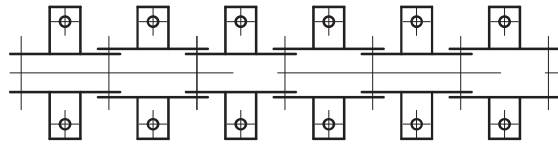
A1-02



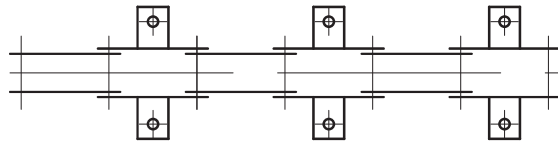
A3-02



K1-01



K1-02

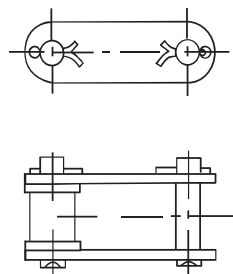




CONNECTING LINKS

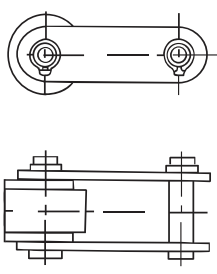
COTTERED CONNECTING LINK

Standard connecting link for larger chains.
The cover linkplate is held in place by cotter pins.



CONNECTING LINK WITH SEEGER

Standard connecting link for hollow pin chains.



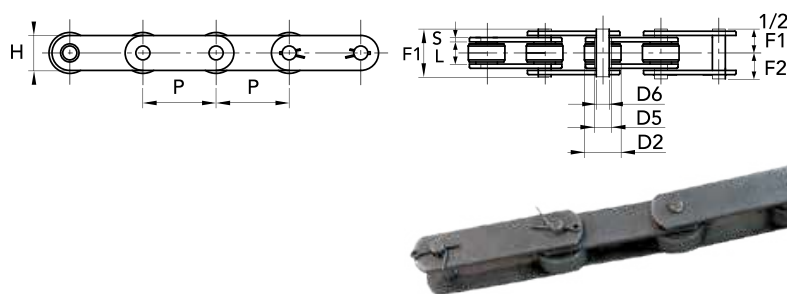
- Additional attachments available on demand



Solid pin chain - metric pitch

PACKAGE OF 5MT

Connection link included.



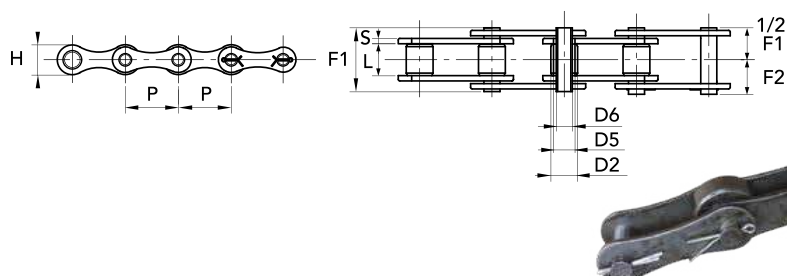
CHAIN	CODE		P	L	D2	D5	D6	H	S	F1	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1205	74502050	74502055	50	11,5	25	8,35	5,7	18	2,5	25,5	15,4	18,0	1,70
1.1206	74502060	74502065	50	11,5	25	11	8	20	3	28,8	16,5	22,0	2,10
1.1400	74504000	74504005	50	15	31	13,2	10	23	3	32,6	19,2	32,0	3,00
1.1500	74505000	74505005	50	15	31	13,2	10	25	4	36,6	20,7	40,0	3,90
1.1502	74505020	74505025	100	15	31	13,2	10	25	4	36,6	20,7	40,0	2,90
1.1703	74507030	74507035	100	22	40	17	12	35	4	44	25	75,0	4,90

Solid pin chain - metric pitch

TYPE "B"

PACKAGE OF 5MT

Connection link included.



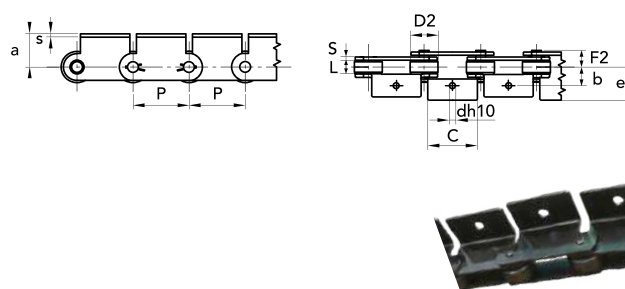
CHAIN	CODE		P	L	D2	D5	D6	H	S	F1	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1400 B	74514000	74514005	50	15	31	13,2	10	23	3	32,6	19,2	32,0	2,50

Solid pin chain - metric pitch

WITH ATTACHMENT TYPE "A"

PACKAGE OF 5MT

Connection link included.



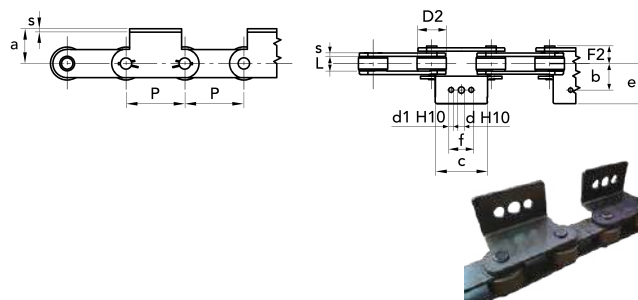
CHAIN	CODE		P	L	D2	a	b	c	d	e	S	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1205 A1-01	74522050	74522055	50	11,5	25	24	22	46	6,5	36	2,5	12,75	18,0	2,51
1.1205 A1-02	74532050	74522055	50	11,5	25	24	22	46	6,5	36	2,5	12,75	18,0	2,50

Solid pin chain - metric pitch

WITH ATTACHMENT TYPE "A"

PACKAGE OF 5MT

Connection link included.



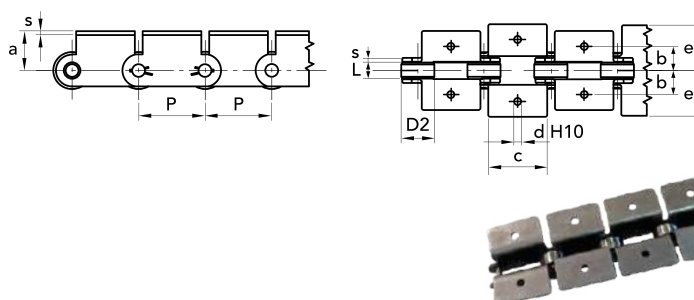
CHAIN	CODE		P	L	D2	a	b	c	d	e	S	d1	f	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1400 A3-02	74534000	74534005	50	15	31	35	31	60	10,5	48,5	3	8,5	25	16,3	32,0	4,23
1.1500 A3-02	74535000	74535005	50	15	31	35	32	45	10,5	48	4	8,5	25	18,7	40,0	4,63

Solid pin chain - metric pitch

WITH ATTACHMENT TYPE "K"

PACKAGE OF 5MT

Connection link included.

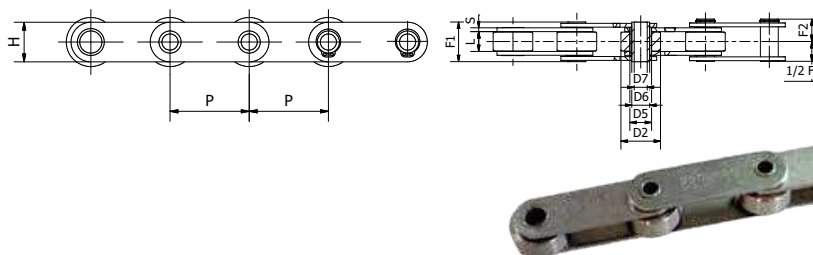


CHAIN	CODE		P	L	D2	a	b	c	d	e	S	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1205 K1-01	74542050	74542055	50	11,5	25	24	22	46	6,5	36	2,5	18,0	3,19
1.1205 K1-02	74552050	74542055	50	11,5	25	24	22	46	6,5	36	2,5	18,0	2,50

Hollow pin chain - metric pitch

PACKAGE OF 5MT

Connection link included.



STAINLESS STEEL - INOX 304

CHAIN	CODE		P	L	D2	D5	D6	D7	H	S	F1	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.2250	74602500	74602505	50	11,5	25	11	9	6,2	20	2,5	26	14,5	30,0	1,80
1.2250 SS INOX	74695400	74695405	50	11,5	25	11	9	6,2	20	2,5	26	14,5	20,0	1,80
1.2400	74604000	74604005	50	15	31	17	14	10,2	25	3	31	17,5	35,0	3,00
1.2500	74605000	74605005	50	15	31	17	14	10,2	25	4	35	19,5	40,0	3,60
1.2501	74605010	74605015	75	15	31	17	14	10,2	25	4	35	19,5	40,0	3,10
1.2502	74605020	74605025	100	15	31	17	14	10,2	25	4	35	19,5	40,0	2,60

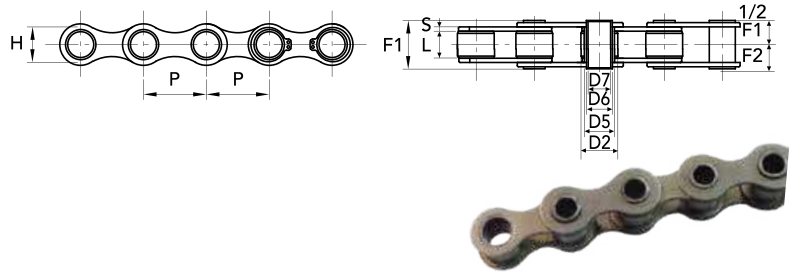


Hollow pin chain - metric pitch

FOOD INDUSTRY

PACKAGE OF 5MT

Connection link included.



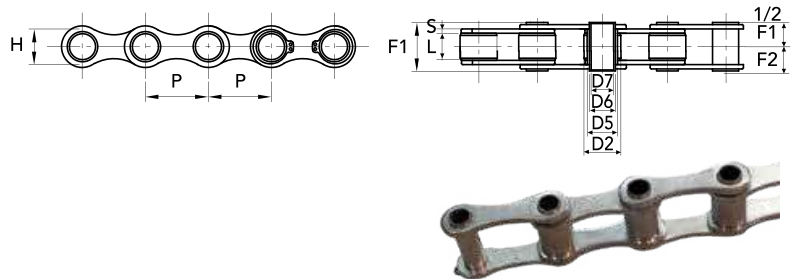
CHAIN	CODE		P	L	D2	D5	D6	D7	H	S	F1	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.3520	74605200	74605205	35	16	20	17	14	10,2	26	2,5	30	17,4	23,5	2,20

Hollow pin chain - metric pitch

ZINC PLATED

PACKAGE OF 5MT

Connection link included.

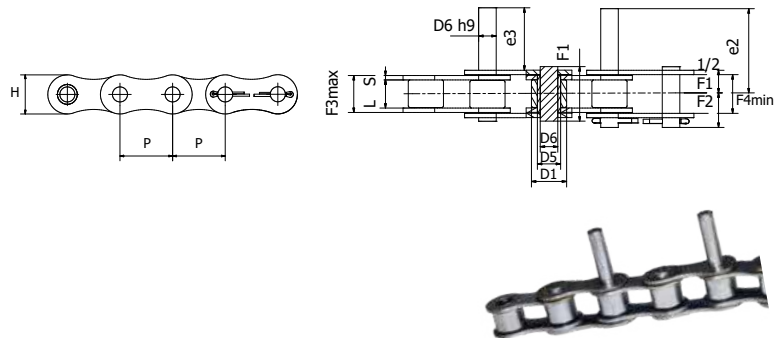


CHAIN	CODE		P	L	D2	D5	D6	D7	H	S	F1	F2	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.1260 Z	74612600	74612605	41,75	20,5	17	13,8	11	8,3	21,4	3	36	22,7	27,0	1,50
1.3520 Z	74615200	74615205	35	16	20	17	14	10,2	26	2,5	30	17,4	23,5	2,20

Extended pin chains

PACKAGE OF 5MT

Connection link included.



CHAIN	CODE		P	L	D1	D5	D6	e2	H	S	F1	F2	e3	F3max	F4min	breaking load	weight
	CHAIN	C/L	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN.	kg/m
1.3521 Z	74615210	74615215	35	16	20	13,0	10	48,5	26,0	2,5	31	19,0	35,0	21,0	21,5	35,0	2,80



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Scan the QR code to discover the latest innovations in industrial chains.
Our product range is continuously evolving: new solutions will soon be introduced
to meet emerging market needs.

Polyethylene guides

04

Index

- 138 POLYETHYLENE GUIDES **FOR CHAINS**
- 146 POLYETHYLENE GUIDES **FOR FLAT BELTS**
- 147 POLYETHYLENE GUIDES **FOR TOOTHED BELTS**
- 149 POLYETHYLENE GUIDES **FOR TRAPEZOIDAL BELTS**
- 151 **METAL STEEL HOLDERS**



PROFILE T1

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

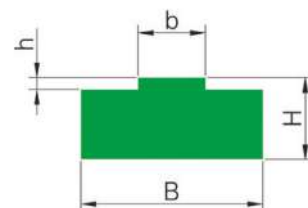
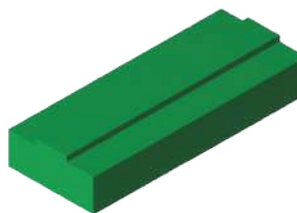
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	b	h	WEIGHT
				mm	mm	mm	mm	Kg/piece
T1-01	GC 1 05 01 2	3/8"x7/32"	06 B-1	15.0	10.0	5.4	1.5	0,26
T1-05	GC 1 05 05 2	1/2"x5/16"	08 B-1	20.0	10.0	7.4	2.2	0,33
T1-06	GC 1 05 06 2	1/2"x5/16"	08 B-1	20.0	15.0	7.4	2.2	0,52
T1-07	GC 1 05 07 2	1/2"x5/16"	08 B-1	20.0	20.0	7.4	2.2	0,70
T1-09	GC 1 05 09 2	5/8"x3/8"	10 B-1	20.0	10.0	9.2	2.6	0,32
T1-10	GC 1 05 10 2	5/8"x3/8"	10 B-1	20.0	15.0	9.2	2.6	0,52
T1-11	GC 1 05 11 2	5/8"x3/8"	10 B-1	20.0	20.0	9.2	2.6	0,71
T1-13	GC 1 05 13 2	3/4"x7/16"	12 B-1	25.0	10.0	11.3	2.4	0,42
T1-14	GC 1 05 14 2	3/4"x7/16"	12 B-1	25.0	15.0	11.3	2.4	0,65
T1-15	GC 1 05 15 2	3/4"x7/16"	12 B-1	25.0	20.0	11.3	2.4	0,88
T1-18	GC 1 05 18 2	1"x17 mm	16 B-1	40.0	15.0	16.5	3.5	0,94
T1-19	GC 1 05 19 2	1"x17 mm	16 B-1	40.0	20.0	16.5	3.5	1,32
T1-21	GC 1 05 21 2	1 1/4"x3/4"	20 B-1	45.0	15.0	19.0	4.3	1,06
T1-22	GC 1 05 22 2	1 1/4"x3/4"	20 B-1	45.0	20.0	19.0	4.3	1,49
T1-24	GC 1 05 24 2	1 1/2"x1"	24 B-1	60.0	15.0	24.6	5.6	1,33
T1-25	GC 1 05 25 2	1 1/2"x1"	24 B-1	60.0	20.0	24.6	5.6	1,90
T1-27	GC 1 05 27 2	1 3/4"x31 mm	28 B-1	75.0	20.0	30.0	6.9	2,26

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE T2

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

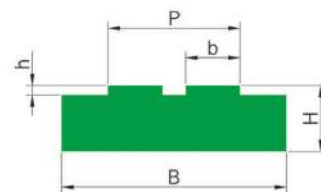
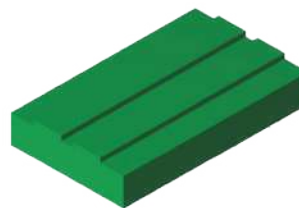
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	b	h	P	WEIGHT
				mm	mm	mm	mm	mm	Kg/piece
T2-01	GC 1 10 01 2	3/8"x7/32"	06 B-2	25.0	10.0	5.4	1.5	15.8	0,50
T2-05	GC 1 10 05 2	1/2"x5/16"	08 B-2	35.0	10.0	7.4	2.2	21.4	0,72
T2-06	GC 1 10 06 2	1/2"x5/16"	08 B-2	35.0	15.0	7.4	2.2	21.4	1,06
T2-07	GC 1 10 07 2	1/2"x5/16"	08 B-2	35.0	20.0	7.4	2.2	21.4	1,38
T2-09	GC 1 10 09 2	5/8"x3/8"	10 B-2	40.0	10.0	9.2	2.6	25.8	0,85
T2-10	GC 1 10 10 2	5/8"x3/8"	10 B-2	40.0	15.0	9.2	2.6	25.8	1,23
T2-11	GC 1 10 11 2	5/8"x3/8"	10 B-2	40.0	20.0	9.2	2.6	25.8	1,61
T2-13	GC 1 10 13 2	3/4"x7/16"	12 B-2	45.0	15.0	11.3	2.4	30.8	1,19
T2-14	GC 1 10 14 2	3/4"x7/16"	12 B-2	45.0	20.0	11.3	2.4	30.8	1,62
T2-15	GC 1 10 15 2	1"x17 mm	16 B-2	65.0	15.0	16.5	3.5	48.4	1,88
T2-18	GC 1 10 18 2	1"x17 mm	16 B-2	65.0	20.0	16.5	3.5	48.4	2,30
T2-19	GC 1 10 19 2	1 1/4"x3/4"	20 B-2	70.0	15.0	19.0	4.3	54.5	1,85
T2-21	GC 1 10 21 2	1 1/4"x3/4"	20 B-2	70.0	20.0	19.0	4.3	54.5	2,51
T2-22	GC 1 10 22 2	1 1/2"x1"	24 B-2	88.0	20.0	24.6	5.6	73.0	3,16
T2-24	GC 1 10 24 2	1 3/4"x31 mm	28 B-2	105.0	25.0	30.0	6.9	89.6	4,68
T2-25	GC 1 10 25 2	2"x31 mm	32 B-2	105.0	30.0	30.0	7.8	88.7	5,68

PROFILE T3

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

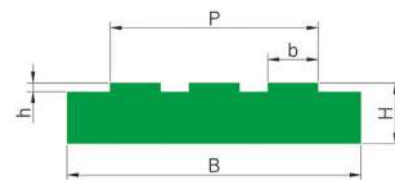
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	b	h	P	WEIGHT
				mm	mm	mm	mm	mm	Kg/piece
T3-01	GC 1 15 01 2	3/8"x7/32"	06 B-3	35.0	10.0	5.4	1.5	25.9	0,61
T3-05	GC 1 15 05 2	1/2"x5/16"	08 B-3	45.0	10.0	7.4	2.2	35.2	0,76
T3-06	GC 1 15 06 2	1/2"x5/16"	08 B-3	45.0	15.0	7.4	2.2	35.2	1,19
T3-07	GC 1 15 07 2	1/2"x5/16"	08 B-3	45.0	20.0	7.4	2.2	35.2	1,62
T3-09	GC 1 15 09 2	5/8"x3/8"	10 B-3	55.0	10.0	9.2	2.6	42.4	0,91
T3-10	GC 1 15 10 2	5/8"x3/8"	10 B-3	55.0	15.0	9.2	2.6	42.4	1,60
T3-11	GC 1 15 11 2	5/8"x3/8"	10 B-3	55.0	20.0	9.2	2.6	42.4	2,18
T3-13	GC 1 15 13 2	3/4"x7/16"	12 B-3	60.0	15.0	11.3	2.4	50.2	1,76
T3-14	GC 1 15 14 2	3/4"x7/16"	12 B-3	60.0	20.0	11.3	2.4	50.2	2,39
T3-15	GC 1 15 15 2	1"x17 mm	16 B-3	95.0	20.0	16.5	3.5	80.3	3,53

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)



PROFILE T1C

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

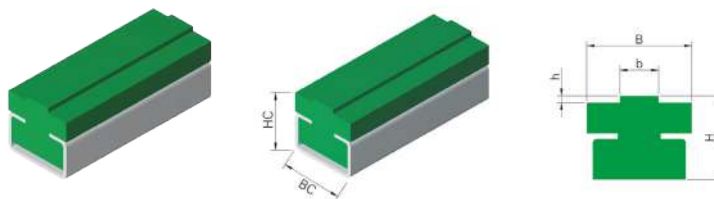
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	BC	HC	b	h	METALLIC PROFILE	WEIGHT
				mm	mm	mm	mm	mm	mm		Kg/piece
T1C-31	GC 1 20 31 2	3/8"x7/32"	06 B-1	20.0	15.0	20.0	17.0	5.4	1.5	C 3	0,25
T1C-33	GC 1 20 33 2	1/2"x5/16"	08 B-1	20.0	15.0	20.0	17.0	7.4	2.2	C 3	0,26
T1C-34	GC 1 20 34 2	5/8"x3/8"	10 B-1	20.0	15.0	20.0	17.0	9.2	2.6	C 3	0,27
T1C-35	GC 1 20 35 2	3/4"x7/16"	12 B-1	20.0	15.0	20.0	17.0	11.3	2.4	C 3	0,35
T1C-36	GC 1 20 36 2	1"x17 mm	16 B-1	28.0	15.0	28.0	18.0	16.5	3.5	C 5	0,59
T1C-37	GC 1 20 37 2	1 1/4"x3/4"	20 B-1	38.0	20.0	38.0	27.0	19.0	4.3	C 9	1,27

METALLIC PROFILE NOT INCLUDED

PROFILE T2C

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

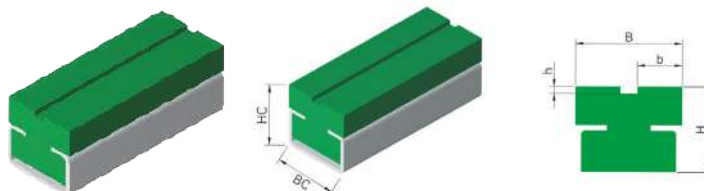
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	BC	HC	b	h	METALLIC PROFILE	WEIGHT
				mm	mm	mm	mm	mm	mm		Kg/piece
T2C-31	GC 1 25 31 2	3/8"x7/32"	06 B-2	15.7	15.0	20.0	17.0	5.4	1.5	C 3	0,41
T2C-33	GC 1 25 33 2	1/2"x5/16"	08 B-2	21.4	15.0	20.0	17.0	7.4	2.2	C 3	0,48
T2C-34	GC 1 25 34 2	5/8"x3/8"	10 B-2	25.9	15.0	28.0	19.0	9.2	2.6	C 5	0,52
T2C-35	GC 1 25 35 2	3/4"x7/16"	12 B-2	30.7	15.0	28.0	19.0	11.3	2.4	C 5	0,66
T2C-36	GC 1 25 36 2	1"x17 mm	16 B-2	48.3	20.0	38.0	27.0	16.5	3.5	C 9	1,30

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE E1

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

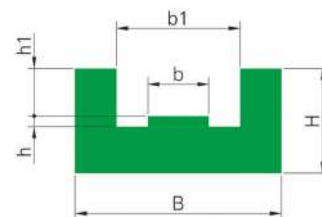
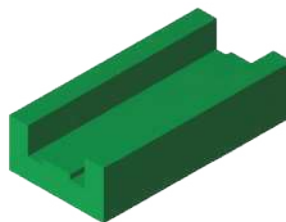
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	b1	h1	b	h	WEIGHT
				mm	mm	mm	mm	mm	mm	Kg/piece
E1-01	GC 1 30 01 2	3/8"x7/32"	06 B-1	25.0	10.0	15.0	4.4	5.4	1.5	0,41
E1-05	GC 1 30 05 2	1/2"x5/16"	08 B-1	30.0	15.0	20.0	7.2	7.4	2.2	0,79
E1-06	GC 1 30 06 2	5/8"x3/8"	10 B-1	33.0	20.0	23.0	9.5	9.2	2.6	1,18
E1-07	GC 1 30 07 2	3/4"x7/16"	12 B-1	38.0	20.0	28.0	11.1	11.3	2.4	1,31
E1-10	GC 1 30 10 2	1"x17 mm	16 B-1	51.0	25.0	41.0	16.5	16.5	3.5	2,35

PROFILE E2

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

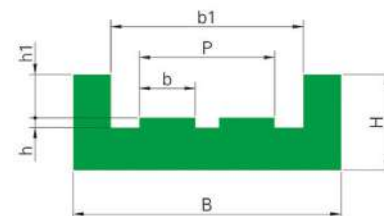
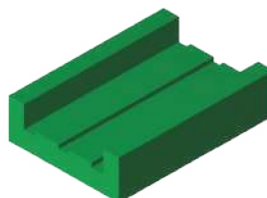
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	BC	HC	b	h	P	WEIGHT
				mm	mm	mm	mm	mm	mm	mm	Kg/piece
E2-01	GC 1 35 01 2	3/8"x7/32"	06 B-2	36.0	15.0	26.0	4.4	5.4	1.5	15.8	0,94
E2-05	GC 1 35 05 2	1/2"x5/16"	08 B-2	45.0	20.0	35.0	7.2	7.4	2.2	21.4	1,38
E2-06	GC 1 35 06 2	5/8"x3/8"	10 B-2	50.0	25.0	40.0	9.5	9.2	2.6	25.8	1,83
E2-07	GC 1 35 07 2	3/4"x7/16"	12 B-2	56.0	25.0	46.0	11.1	11.3	2.4	30.8	1,87
E2-10	GC 1 35 10 2	1"x17 mm	16 B-2	85.0	30.0	75.0	16.5	16.5	3.5	48.8	2,56

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)



PROFILE E1C

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

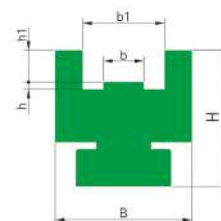
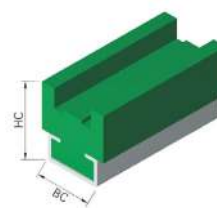
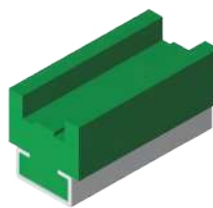
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	BC	HC	b1	h1	b	h	METALLIC PROFILE	WEIGHT
				mm	mm	mm	mm	mm	mm	mm	mm		Kg/piece
E1C-01	GC 1 40 01 2	3/8"x7/32"	06 B-1	25.0	18.0	20.0	20.0	15.0	4.4	5.4	1.5	C-3	0,67
E1C-05	GC 1 40 05 2	1/2"x5/16"	08 B-1	30.0	25.0	20.0	27.0	20.0	7.2	7.4	2.2	C-3	1,05
E1C-06	GC 1 40 06 2	5/8"x3/8"	10 B-1	33.0	30.0	28.0	32.0	23.0	9.5	9.2	2.6	C-5	1,65
E1C-07	GC 1 40 07 2	3/4"x7/16"	12 B-1	38.0	35.0	38.0	38.5	28.0	11.1	11.3	2.4	C-9	2,31
E1C-10	GC 1 40 10 2	1"x17 mm	16 B-1	51.0	40.0	38.0	43.5	41.0	16.5	16.5	3.5	C-9	3,54

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE BL

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

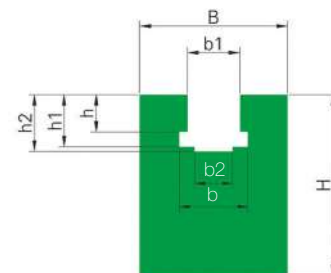
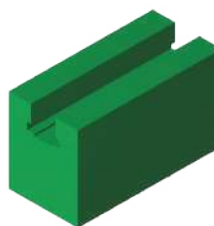
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	b1	b2	h1	h2	b	h	WEIGHT
				mm	mm	mm	mm	mm	mm	mm	mm	Kg/piece
BL-01	GC 1 45 01 2	3/8"x7/32"	06 B-1	20.0	25.0	6.6	4.0	8.7	10.0	9.3	5.6	0,81
BL-05	GC 1 45 05 2	1/2"x5/16"	08 B-1	24.0	30.0	8.7	5.0	11.5	13.5	12.8	7.6	1,15
BL-09	GC 1 45 09 2	5/8"x3/8"	10 B-1	30.0	35.0	10.4	6.0	13.5	14.8	15.4	9.5	1,66
BL-15	GC 1 45 15 2	3/4"x7/16"	12 B-1	40.0	35.0	12.3	7.0	15.9	17.5	16.9	11.5	2,21
BL-18	GC 1 45 18 2	1"x17 mm	16 B-1	40.0	45.0	16.1	9.0	25.7	26.8	24.4	16.1	2,46
BL-21	GC 1 45 21 2	1 1/4"x3/4"	20 B-1	50.0	50.0	19.3	11.0	29.3	31.2	27.5	19.4	3,45
BL-24	GC 1 45 24 2	1 1/2"x1"	24 B-1	60.0	60.0	25.7	16.0	38.2	40.1	36.5	25.2	4,66
BL-25	GC 1 45 25 2	1 3/4"x31 mm	28 B-1	60.0	70.0	28.3	17.0	46.9	48.9	41.5	30.8	4,95
BL-30	GC 1 45 30 2	2"x31 mm	32 B-1	70.0	75.0	29.6	19.0	47.3	53.0	44.5	30.8	6,53

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)



PROFILE BLC

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

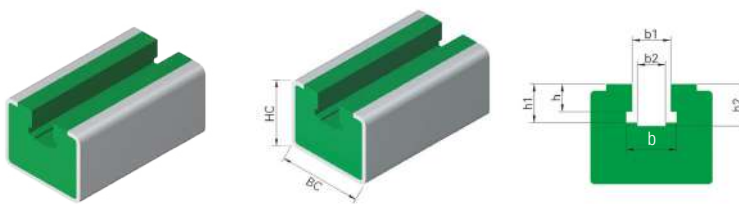
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	BC	HC	b1	b2	h1	h2	b	h	METALLIC PROFILE	WEIGHT
				mm	mm	mm	mm	mm	mm	mm	mm		Kg/piece
BLC-01	GC 1 50 01 2	3/8"x7/32"	06 B-1	30.0	24.0	6.6	4.0	8.7	10.0	9.3	5.6	C-10	0,81
BLC-05	GC 1 50 05 2	1/2"x5/16"	08 B-1	30.0	24.0	8.7	5.0	11.5	13.5	12.8	7.6	C-10	0,81
BLC-09	GC 1 50 09 2	5/8"x3/8"	10 B-1	30.0	24.0	10.4	6.0	13.5	14.8	15.4	9.5	C-10	0,81
BLC-15	GC 1 50 15 2	3/4"x7/16"	12 B-1	30.0	24.0	12.3	7.0	15.9	17.5	16.9	11.5	C-10	0,81
BLC-18	GC 1 50 18 2	1"x17 mm	16 B-1	45.0	40.0	16.1	9.0	25.7	26.8	24.4	16.1	C-11	2,22
BLC-21	GC 1 50 21 2	1 1/4"x3/4"	20 B-1	45.0	40.0	19.3	11.0	29.3	31.2	27.5	19.5	C-11	2,00

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE U

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

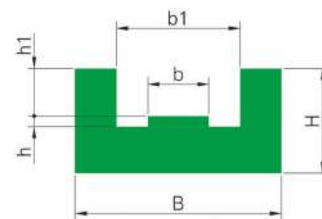
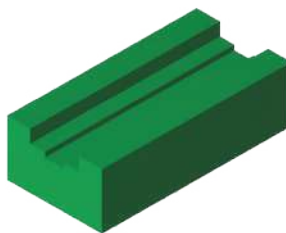
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	CHAIN	"ISO 606 (DIN 8187)"	B	H	B	b1	h	h1	WEIGHT
				mm	mm	mm	mm	mm	mm	Kg/piece
U-01	GC 1 55 01 2	3/8"x7/32"	06 B-1	20	15	9.2	4.0	4.2	2.8	0,52
U-02	GC 1 55 02 2	1/2"x5/16"	08 B-1	25	15	12.7	5.0	4.8	3.5	0,62
U-03	GC 1 55 03 2	5/8"x3/8"	10 B-1	25	15	15.2	6.0	5.1	3.6	0,59
U-04	GC 1 55 04 2	3/4"x7/16"	12 B-1	25	20	16.7	7.0	5.7	3.9	0,81
U-05	GC 1 55 05 2	1"x17 mm	16 B-1	35	25	24.2	9.0	10.0	8.4	1,25

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)



PROFILE PC

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

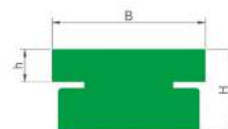
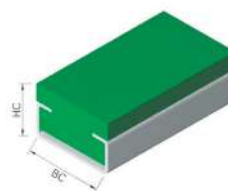
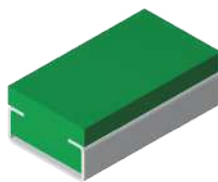
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	B	H	BC	HC	h	METALLIC PROFILE	WEIGHT
		mm	mm	mm	mm	mm		Kg/piece
PC-01	GC 2 60 01 2	20.0	10.0	20.0	14.0	4.0	C-3	0,36
PC-02	GC 2 60 02 2	20.0	15.0	20.0	17.0	7.0	C-3	0,50
PC-03	GC 2 60 03 2	20.0	20.0	20.0	22.0	12.0	C-3	0,73
PC-04	GC 2 60 04 2	28.0	10.0	28.0	15.0	3.0	C-5	0,53
PC-05	GC 2 60 05 2	28.0	15.0	28.0	18.0	6.0	C-5	0,80
PC-06	GC 2 60 06 2	28.0	20.0	28.0	24.0	12.0	C-5	1,06
PC-07	GC 2 60 07 2	38.0	10.0	38.0	21.0	3.0	C-9	0,66
PC-08	GC 2 60 08 2	38.0	15.0	38.0	24.0	6.0	C-9	1,01
PC-09	GC 2 60 09 2	38.0	20.0	38.0	30.0	12.0	C-9	1,37

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE SF

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

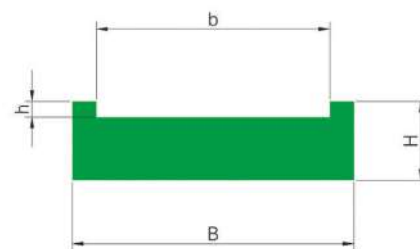
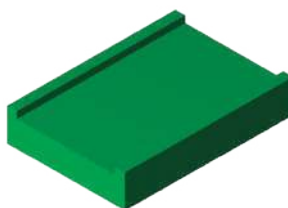
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	REFERENCE BELT	H	BC	HC	h	WEIGHT
			mm	mm	mm	mm	Kg/piece
SF 5-16	GC 2 65 01 2	T5 16-AT5 16	25.0	10.0	17.0	1.8	0,59
SF 5-25	GC 2 65 02 2	T5 25-AT5 25	34.0	10.0	26.0	1.8	0,76
SF 5-32	GC 2 65 03 2	T5 32-AT5 32	41.0	10.0	33.0	1.8	0,89
SF 5-50	GC 2 65 04 2	T5 50-AT5 50	59.0	10.0	51.0	1.8	1,40
SF 10-16	GC 2 65 05 2	T10 16-AT10 16	25.0	15.0	17.0	3.8	0,88
SF 10-25	GC 2 65 06 2	T10 25-AT10 25	34.0	15.0	26.0	3.8	1,14
SF 10-32	GC 2 65 07 2	T10 32-AT10 32	41.0	15.0	33.0	3.8	1,34
SF 10-50	GC 2 65 08 2	T10 50-AT10 50	59.0	15.0	51.0	3.8	1,85
SF 10-75	GC 2 65 09 2	T10 75-AT10 75	84.0	15.0	76.0	3.8	2,57
SF 10-100	GC 2 65 10 2	T10 100-AT10 100	109.0	15.0	101.0	3.8	3,28
SF 20-25	GC 2 65 11 2	T20 25-AT20 25	34.0	20.0	26.0	7.0	1,52
SF 20-32	GC 2 65 12 2	T20 32-AT20 32	41.0	20.0	33.0	7.0	1,79
SF 20-50	GC 2 65 13 2	T20 50-AT20 50	59.0	20.0	51.0	7.0	2,47
SF 20-75	GC 2 65 14 2	T20 75-AT20 75	84.0	20.0	76.0	7.0	3,71
SF 20-100	GC 2 65 15 2	T20 100-AT20 100	109.0	20.0	101.0	7.0	4,94



PROFILE SFC

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

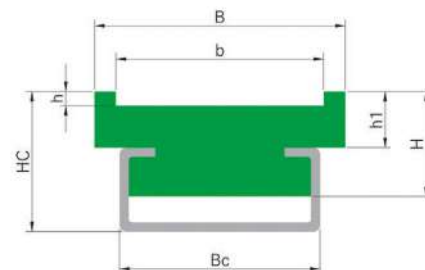
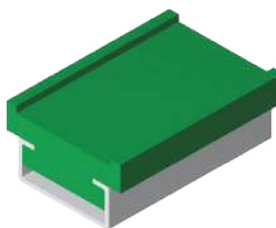
Color: green

Specific gravity: g/cm3 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm2 - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	REFERENCE BELT	B	H	BC	HC	h1	b	h	METALLIC PROFILE	WEIGHT
			mm	mm	mm	mm	mm	mm	mm	mm	Kg/piece
SFC 5-16	GC 2 70 01 2	T5 16-AT5 16	25.0	15.0	28.0	19.0	7.0	17.0	1.8	C-5	0,88
SFC 5-25	GC 2 70 02 2	T5 25-AT5 25	34.0	15.0	28.0	19.0	7.0	26.0	1.8	C-5	1,14
SFC 5-32	GC 2 70 03 2	T5 32-AT5 32	41.0	20.0	38.0	25.0	7.0	33.0	1.8	C-9	1,79
SFC 5-50	GC 2 70 04 2	T5 50-AT5 50	59.0	20.0	38.0	25.0	7.0	51.0	1.8	C-9	2,79
SFC 10-16	GC 2 70 05 2	T10 16-AT10 16	25.0	17.0	28.0	21.0	9.0	17.0	3.8	C-5	1,18
SFC 10-25	GC 2 70 06 2	T10 25-AT10 25	34.0	17.0	28.0	21.0	9.0	26.0	3.8	C-5	1,52
SFC 10-32	GC 2 70 07 2	T10 32-AT10 32	41.0	22.0	38.0	27.0	9.0	33.0	3.8	C-9	2,23
SFC 10-50	GC 2 70 08 2	T10 50-AT10 50	59.0	22.0	38.0	27.0	9.0	51.0	3.8	C-9	3,09
SFC 10-75	GC 2 70 09 2	T10 75-AT10 75	84.0	22.0	38.0	27.0	9.0	76.0	3.8	C-9	4,63
SFC 10-100	GC 2 70 10 2	T10 100-AT10 100	109.0	22.0	38.0	27.0	9.0	101.0	3.8	C-9	6,18
SFC 20-25	GC 2 70 11 2	T20 25-AT20 25	34.0	20.0	28.0	24.0	12.0	26.0	7.0	C-5	1,52
SFC 20-32	GC 2 70 12 2	T20 32-AT20 32	41.0	25.0	38.0	30.0	12.0	33.0	7.0	C-9	2,23
SFC 20-50	GC 2 70 13 2	T20 50-AT20 50	59.0	25.0	38.0	30.0	12.0	51.0	7.0	C-9	3,09
SFC 20-75	GC 2 70 14 2	T20 75-AT20 75	84.0	25.0	38.0	30.0	12.0	76.0	7.0	C-9	4,63
SFC 20-100	GC 2 70 15 2	T20 100-AT20 100	109.0	25.0	38.0	30.0	12.0	101.0	7.0	C-9	6,18

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

PROFILE V

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

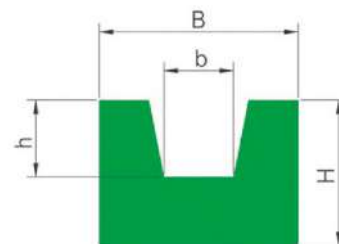
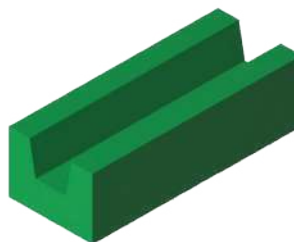
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



DESCRIPTION	ARTICLE CODE	TRAPEZOIDAL BELT	B	H	b	h	WEIGHT
			mm	mm	mm	mm	Kg/piece
V-01	GC 2 75 01 2	Z	20.0	10.0	6.5	3.0	0,34
V-03	GC 2 75 03 2	A	20.0	12.0	8.0	5.0	0,34
V-05	GC 2 75 05 2	SPB	25.0	12.0	9.5	5.0	0,53
V-07	GC 2 75 07 2	B	30.0	15.0	10.5	8.0	0,67
V-09	GC 2 75 09 2	C	35.0	20.0	13.5	11.0	1,00
V-11	GC 2 75 11 2	D	40.0	25.0	19.0	13.0	1,50



PROFILE VC

Standard lengths 2 METERS

(on request we provide higher lengths)

Material: PE-UHMW High molecular weight polyethylene (p.m. over 1.000.000)

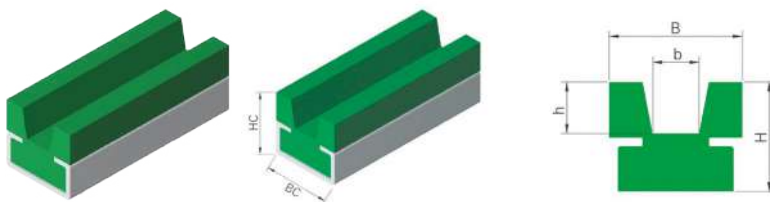
Color: green

Specific gravity: g/cm³ 0,945

Dynamic friction coefficient: 0.2 (P = 0.05 N/mm² - V = 0.6 m/s - T = 40°C)

Temperature range : -70°C ÷ 65°C

Linear thermal expansion: mm 2 every 10°C from the temperature of 20°C.



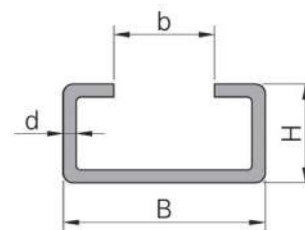
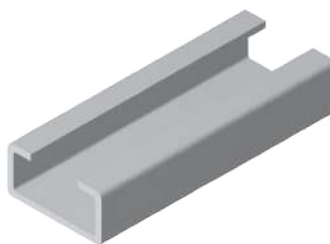
DESCRIPTION	ARTICLE CODE	REFERENCE BELT	B	H	BC	HC	h1	b	METALLIC PROFILE	WEIGHT
			mm	mm	mm	mm	mm	mm	mm	Kg/piece
VC-02	GC 2 80 02 2	Z	20.0	15.0	20.0	17.0	6.5	3.0	C-3	0,28
VC-04	GC 2 80 04 2	A	20.0	15.0	20.0	17.0	8.0	5.0	C-3	0,27
VC-06	GC 2 80 06 2	SPB	25.0	20.0	28.0	24.0	9.5	5.0	C-5	0,60
VC-08	GC 2 80 08 2	B	30.0	20.0	28.0	24.0	10.5	8.0	C-5	0,72
VC-10	GC 2 80 10 2	C	35.0	25.0	38.0	32.0	13.5	11.0	C-9	1,14
VC-12	GC 2 80 12 2	D	40.0	25.0	38.0	35.0	19.0	13.0	C-9	1,12

METALLIC PROFILE NOT INCLUDED

Note: all value have been measured in standard weather conditions: 23°C/73°F with 50% relative humidity (DIN 50005/ISO 554)

C 3 - 5 - 9

MATERIAL
GALVANIZED STEEL FE
AISI 304 STEEL

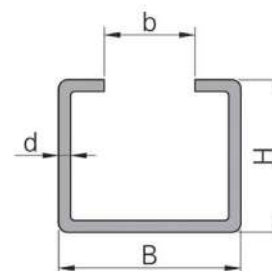


DESCRIPTION	ARTICLE CODE	B	H	b	d	WEIGHT
GALVANIZED STEEL FE		mm	mm	mm	mm	Kg/piece
C-3 ZINCATO	GC 0 00 03 2	20.0	10.0	10.0	1.5	0,86
C-5 ZINCATO	GC 0 00 05 2	28.0	12.0	14.0	1.5	1,70
C-9 ZINCATO	GC 0 00 09 2	38.0	18.0	22.0	1.5	1,96

DESCRIPTION	ARTICLE CODE	B	H	b	d	WEIGHT
AISI 304 STEEL		mm	mm	mm	mm	Kg/piece
C-3 INOX	GC 0 10 03 2	20.0	10.0	10.0	1.5	0,86
C-5 INOX	GC 0 10 05 2	28.0	12.0	14.0	1.5	1,70
C-9 INOX	GC 0 10 09 2	38.0	18.0	22.0	1.5	1,96

C 10 - 11

MATERIAL
GALVANIZED STEEL FE
AISI 304 STEEL



DESCRIPTION	ARTICLE CODE	B	H	b	d	WEIGHT
GALVANIZED STEEL FE		mm	mm	mm	mm	Kg/piece
C-10 ZINCATO	GC 0 00 10 2	30.0	24.0	20.0	1.5	1,88
C-11 ZINCATO	GC 0 00 11 2	45.0	40.0	31.0	1.5	4,10

DESCRIPTION	ARTICLE CODE	B	H	b	d	WEIGHT
AISI 304 STEEL		mm	mm	mm	mm	Kg/piece
C-10 INOX	GC 0 10 10 2	30.0	24.0	20.0	1.5	1,88
C-11 INOX	GC 0 10 11 2	45.0	40.0	31.0	1.5	4,10

Straight spur gear and racks

Spur gears and racks are the classical elements for the mechanical transmission of rotary and traverse motion between the machine's moving parts.

However, the industry's needs are extremely articulated for what concerns the spur gear and rack performance requirements in terms of accuracy or resistance required for the typical end-use operating conditions for which they are designed.

For this reason, it would be impossible to offer a product designed to meet any need of the industrial market.

Being aware of this, Chiaravalli Group SpA during the past years has decided to offer a wide range of spur gears and racks for general use, characterized by an excellent quality level. Spur gear and racks are manufactured using a standard C45 EN10083 steel and based on a standard reference profile according to DIN 3962/63/67.

This ensures a complete connection at tooth base with a remarkable increase in deflection strength.

The systematic use of state-of-the-art CNC machines with special hobs cutters for high cutting speed combined with specific technologies, enables us to produce with accuracy level according to DIN 3962.

Tooth thickness manufacturing tolerances have been selected to comply with "cd25" Coupling Category according to DIN 3967, which defines

position and tolerance range dimension to ensure the proper backlash between the two gears.

For general operating conditions, "js8" manufacturing centre distance tolerance is suggested to ensure during the operation a minimum backlash between the gears and at the same time limits the maximum backlash value.

The same considerations are valid also for spur gear /rack coupling since they are manufactured with the same Coupling Category.

Our Technical Office is available and willing to recommend the most appropriate assembly tolerances to Customers who are interested. In case of specific needs, we are also able to manufacture gears with higher or lower backlash coupling compared to standard.

Upon request, we can produce our standard straight gears shown in the catalog with a convex longitudinal teeth shape. This solution is particularly useful if the end user cannot guarantee a perfect alignment between the axes.

THE WIDE AND MODERN MACHINE RANGE ENABLES OUR COMPANY TO MANUFACTURE CUSTOMIZED SPUR GEARS WITH HIGH QUALITY AND COMPETITIVE PRICE.

Our Technical Office is available to support Customers on their needs/issues and provide them the best quotation.

Index

154	STRAIGHT SPUR GEARS WITH HUB
157	STRAIGHT SPUR GEARS WITHOUT HUB
159	RACKS



WITH HUB

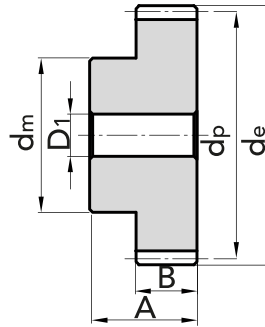
Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083

WIDTH BAND B for:

Module 1 = 15mm
Module 1,5 = 17mm
Module 2 = 20mm

TOTAL WIDTH A for:

Module 1 = 25mm
Module 1,5 = 30mm
Module 2 = 35mm

Module 1 - Modulo 1						
Z	CODE	d _e	d _p	d _m	ØD ₁	kg.
12	30110012	14	12	9	5	0,01
13	30110013	15	13	10	5	0,02
14	30110014	16	14	10	6	0,02
15	30110015	17	15	12	6	0,02
16	30110016	18	16	13	6	0,03
17	30110017	19	17	14	8	0,03
18	30110018	20	18	15	8	0,03
19	30110019	21	19	15	8	0,04
20	30110020	22	20	16	8	0,04
21	30110021	23	21	16	8	0,05
22	30110022	24	22	18	8	0,05
23	30110023	25	23	18	8	0,06
24	30110024	26	24	20	8	0,06
25	30110025	27	25	20	8	0,07
26	30110026	28	26	20	8	0,07
27	30110027	29	27	20	8	0,08
28	30110028	30	28	20	8	0,08
29	30110029	31	29	20	8	0,09
30	30110030	32	30	20	8	0,09
31	30110031	33	31	25	10	0,11
32	30110032	34	32	25	10	0,12
33	30110033	35	33	25	10	0,12
34	30110034	36	34	25	10	0,13
35	30110035	37	35	25	10	0,14
36	30110036	38	36	25	10	0,14
37	30110037	39	37	25	10	0,15
38	30110038	40	38	25	10	0,16
39	30110039	41	39	25	10	0,16
40	30110040	42	40	25	10	0,17
41	30110041	43	41	30	10	0,19
42	30110042	44	42	30	10	0,2
43	30110043	45	43	30	10	0,21
44	30110044	46	44	30	10	0,22
45	30110045	47	45	30	10	0,23
46	30110046	48	46	30	10	0,23
47	30110047	49	47	30	10	0,24
48	30110048	50	48	30	10	0,35
49	30110049	51	49	30	10	0,36
50	30110050	52	50	30	12	0,26
51	30110051	53	51	40	12	0,32
52	30110052	54	52	40	12	0,33
53	30110053	55	53	40	12	0,33
54	30110054	56	54	40	12	0,34
55	30110055	57	55	40	12	0,36
56	30110056	58	56	40	12	0,37
57	30110057	59	57	40	12	0,38
58	30110058	60	58	40	12	0,39
59	30110059	61	59	40	12	0,4
60	30110060	62	60	40	12	0,41
61	30110061	63	61	50	12	0,47
62	30110062	64	62	50	12	0,49
63	30110063	65	63	50	12	0,5
64	30110064	66	64	50	12	0,51
65	30110065	67	65	50	12	0,52
66	30110066	68	66	50	12	0,53
67	30110067	69	67	50	12	0,55
68	30110068	70	68	50	12	0,56
69	30110069	71	69	50	12	0,57
70	30110070	72	70	50	12	0,58

Module 1,5 - Modulo 1,5						
CODE	d _e	d _p	d _m	ØD ₁	kg.	
30115012	21,0	18,0	14	8	0,04	
30115013	22,5	19,5	14	8	0,05	
30115014	24,0	21,0	17	8	0,06	
30115015	25,5	22,5	18	8	0,07	
30115016	27,0	24,0	20	8	0,08	
30115017	28,5	25,5	20	8	0,09	
30115018	30,0	27,0	20	8	0,10	
30115019	31,5	28,5	20	8	0,10	
30115020	33,0	30,0	25	8	0,13	
30115021	34,5	31,5	25	10	0,13	
30115022	36,0	33,0	25	10	0,14	
30115023	37,5	34,5	25	10	0,16	
30115024	39,0	36,0	25	10	0,17	
30115025	40,5	37,5	25	10	0,18	
30115026	42,0	39,0	30	12	0,20	
30115027	43,5	40,5	30	12	0,22	
30115028	45,0	42,0	30	12	0,23	
30115029	46,5	43,5	30	12	0,24	
30115030	48,0	45,0	30	12	0,26	
30115031	49,5	46,5	35	12	0,30	
30115032	51,0	48,0	35	12	0,31	
30115033	52,5	49,5	35	12	0,33	
30115034	54,0	51,0	35	12	0,34	
30115035	55,5	52,5	35	12	0,36	
30115036	57,0	54,0	35	12	0,37	
30115037	58,5	55,5	40	12	0,42	
30115038	60,0	57,0	40	12	0,44	
30115039	61,5	58,5	40	12	0,46	
30115040	63,0	60,0	40	12	0,48	
30115041	64,5	61,5	50	14	0,50	
30115042	66,0	63,0	50	14	0,59	
30115043	67,5	64,5	50	14	0,61	
30115044	69,0	66,0	50	14	0,63	
30115045	70,5	67,5	50	14	0,65	
30115046	72,0	69,0	50	14	0,66	
30115047	73,5	70,5	50	14	0,7	
30115048	75,0	72,0	50	14	0,7	
30115049	76,5	73,5	50	14	0,73	
30115050	78,0	75,0	50	14	0,76	
30115051	79,5	76,5	60	15	0,86	
30115052	81,0	78,0	60	15	0,89	
30115053	82,5	79,5	60	15	0,91	
30115054	84,0	81,0	60	15	0,94	
30115055	85,5	82,5	60	15	0,96	
30115056	87,0	84,0	60	15	0,98	
30115057	88,5	85,5	60	15	1,00	
30115058	90,0	87,0	60	15	1,03	
30115059	91,5	88,5	60	15	1,06	
30115060	93,0	90,0	60	15	1,09	
30115061	94,5	91,5	70	20	1,22	
30115062	96,0	93,0	70	20	1,25	
30115063	97,5	94,5	70	20	1,28	
30115064	99,0	96,0	70	20	1,31	
30115065	100,5	97,5	70	20	1,34	
30115066	102,0	99,0	70	20	1,37	
30115067	103,5	100,5	70	20	1,40	
30115068	105,0	102,0	70	20	1,43	
30115069	106,5	103,5	70	20	1,46	
30115070	108,0	105,0	70	20	1,50	

Module 3 - Modulo 3						
CODE	d _e	d _p	d _m	ØD ₁	kg.	
30120012	28	24	18	10	0,08	
30120013	30	26	19	10	0,1	
30120014	32	28	20	10	0,12	
30120015	34	30	22	10	0,14	
30120016	36	32	24	10	0,16	
30120017	38	34	25	10	0,18	
30120018	40	36	25	10	0,19	
30120019	42	38	25	10	0,21	
30120020	44	40	30	10	0,26	
30120021	46	42	30	12	0,27	
30120022	48	44	30	12	0,29	
30120023	50	46	30	12	0,31	
30120024	52	48	35	12	0,36	
30120025	54	50	35	12	0,39	
30120026	56	52	40	12	0,45	
30120027	58	54	40	12	0,47	
30120028	60	56	40	12	0,5	
30120029	62	58	40	14	0,52	
30120030	64	60	40	14	0,55	
30120031	66	62	45	14	0,61	
30120032	68	64	45	14	0,65	
30120033	70	66	45	14	0,68	
30120034	72	68	45	14	0,71	
30120035	74	70	45	14	0,74	
30120036	76	72	45	14	0,78	
30120037	78	74	50	14	0,86	
30120038	80	76	50	14	0,9	
30120039	82	78	50	14	0,93	
30120040	84	80	50	14	0,97	
30120041	86	82	60	16	1,05	
30120042	88	84	60	16	1,09	
30120043	90	86	60	16	1,13	
30120044	92	88	60	16	1,23	
30120045	94	90	60	16	1,27	
30120046	96	92	60	16	1,31	
30120047	98	94	60	16	1,48	
30120048	100	96	70	16	1,53	
30120049	102	98	70	16	1,57	
30120050	104	100	70	16	1,62	
30120051	106	102	70	20	1,67	
30120052	108	104	70	20	1,72	
30120053	110	106	70	20	1,78	
30120054	112	108	70	20	1,83	
30120055	114	110	70	20	1,88	
30120056	116	112	70	20	1,94	
30120057	118	114	70	20	1,99	
30120058	120	116	70	20	2,05	
30120059	122	118	70	20	2,11	
30120060	124	120	70	20	2,16	
30120061	126	122	80	20	2,36	
30120062	128	124	80	20	2,42	
30120063	130	126	80	20	2,48	
30120064	132	128	80	20	2,55	
30120065	134	130	80	20	2,61	
30120066	136	132	80	20	2,67	
30120067	138	134	80	20	2,74	
30120068	140	136	80	20	2,81	
30120069	142	138	80	20	2,87	
30120070	144	140	80	20	2,94	



WITH HUB

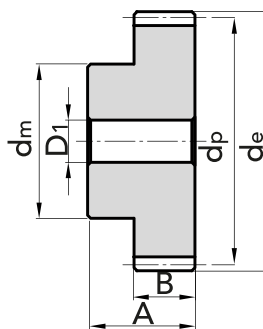
Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083

WIDTH BAND B for:

Module 2,5 = 25mm
Module 3 = 30mm
Module 4 = 40mm

TOTAL WIDTH A for:

Module 2,5 = 40mm
Module 3 = 50mm
Module 4 = 60mm

Module 2,5 - Modulo 2,5

Z	CODE	d _e	d _p	d _m	ØD ₁	kg.
12	30125012	35,0	30,0	22	10	0,17
13	30125013	37,5	32,5	25	10	0,21
14	30125014	40,0	35,0	28	10	0,25
15	30125015	42,5	37,5	30	10	0,30
16	30125016	45,0	40,0	32	12	0,33
17	30125017	47,5	42,5	35	12	0,38
18	30125018	50,0	45,0	35	12	0,42
19	30125019	52,5	47,5	35	12	0,45
20	30125020	55,0	50,0	40	14	0,54
21	30125021	57,5	52,5	40	14	0,56
22	30125022	60,0	55,0	45	14	0,66
23	30125023	62,5	57,5	45	14	0,70
24	30125024	65,0	60,0	45	14	0,74
25	30125025	67,5	62,5	50	14	0,85
26	30125026	70,0	65,0	50	14	0,90
27	30125027	72,5	67,5	50	14	0,95
28	30125028	75,0	70,0	50	14	1,00
29	30125029	77,5	72,5	50	14	1,06
30	30125030	80,0	75,0	55	16	1,18
31	30125031	82,5	77,5	55	16	1,22
32	30125032	85,0	80,0	55	16	1,28
33	30125033	87,5	82,5	55	16	1,34
34	30125034	90,0	85,0	55	16	1,41
35	30125035	92,5	87,5	60	16	1,54
36	30125036	95,0	90,0	60	16	1,61
37	30125037	97,5	92,5	60	16	1,68
38	30125038	100,0	95,0	60	16	1,75
39	30125039	102,5	97,5	60	16	1,83
40	30125040	105,0	100,0	70	20	2,06
41	30125041	107,5	102,5	70	20	2,14
42	30125042	110,0	105,0	70	20	2,22
43	30125043	112,5	107,5	70	20	2,30
44	30125044	115,0	110,0	70	20	2,38
45	30125045	117,5	112,5	70	20	2,47
46	30125046	120,0	115,0	70	20	2,52
47	30125047	122,5	117,5	80	20	2,80
48	30125048	125,0	120,0	80	20	2,88
49	30125049	127,5	122,5	80	20	2,98
50	30125050	130,0	125,0	80	20	3,07
51	30125051	132,5	127,5	90	20	3,17
52	30125052	135,0	130,0	90	20	3,48
53	30125053	137,5	132,5	90	20	3,58
54	30125054	140,0	135,0	90	20	3,68
55	30125055	142,5	137,5	90	20	3,78
56	30125056	145,0	140,0	100	20	4,13
57	30125057	147,5	142,5	100	20	4,23
58	30125058	150,0	145,0	100	20	4,34
59	30125059	152,5	147,5	100	20	4,46
60	30125060	155,0	150,0	100	20	4,57

Module 3 - Modulo 3

CODE	d _e	d _p	d _m	ØD ₁	kg.
30130012	42	36	25	12	0,28
30130013	45	39	25	12	0,34
30130014	48	42	30	12	0,41
30130015	51	45	35	12	0,47
30130016	54	48	38	15	0,54
30130017	57	51	42	15	0,63
30130018	60	54	45	15	0,72
30130019	63	57	45	15	0,78
30130020	66	60	45	15	0,84
30130021	69	63	45	15	0,89
30130022	72	66	50	15	1,02
30130023	75	69	50	15	1,10
30130024	78	72	50	16	1,18
30130025	81	75	60	16	1,39
30130026	84	78	60	16	1,48
30130027	87	81	60	16	1,56
30130028	90	84	60	16	1,66
30130029	93	87	60	16	1,75
30130030	96	90	60	16	1,85
30130031	99	93	70	20	1,95
30130032	102	96	70	20	2,21
30130033	105	99	70	20	2,32
30130034	108	102	70	20	2,43
30130035	111	105	70	20	2,55
30130036	114	108	70	20	2,62
30130037	117	111	80	20	2,74
30130038	120	114	80	20	3,05
30130039	123	117	80	20	3,18
30130040	126	120	80	20	3,31
30130041	129	123	90	20	3,44
30130042	132	126	90	20	3,58
30130043	135	129	90	20	3,72
30130044	138	132	90	20	4,07
30130045	141	135	90	20	4,22
30130046	144	138	90	20	4,37
30130047	147	141	90	20	4,76
30130048	150	144	100	20	4,92

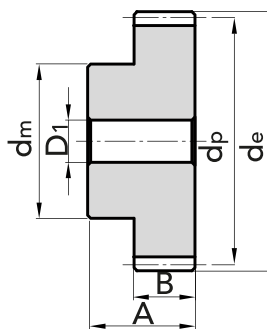
Module 4 - Modulo 4

CODE	d _e	d _p	d _m	ØD ₁	kg.
30140012	56	48	35	14	0,63
30140013	60	52	40	14	0,78
30140014	64	56	45	14	0,93
30140015	68	60	45	14	1,05
30140016	72	64	50	15	1,20
30140017	76	68	50	15	1,33
30140018	80	72	50	15	1,47
30140019	84	76	60	15	1,75
30140020	88	80	60	15	1,90
30140021	92	84	70	20	2,22
30140022	96	88	70	20	2,39
30140023	100	92	75	20	2,60
30140024	104	96	75	20	2,79
30140025	108	100	75	20	2,98
30140026	112	104	75	20	3,18
30140027	116	108	75	20	3,39
30140028	120	112	75	20	3,60
30140029	124	116	75	20	3,83
30140030	128	120	75	20	4,06
30140031	132	124	80	20	4,39
30140032	136	128	80	20	4,64
30140033	140	132	80	20	4,90
30140034	144	136	80	20	5,16
30140035	148	140	80	20	5,43
30140036	152	144	80	20	5,63



WITH HUB

Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083WIDTH BAND **B** for:Module 5 = 50mm
Module 6 = 60mm
Module 8 = 80mmTOTAL WIDTH **A** for:Module 5 = 75mm
Module 6 = 80mm
Module 8 = 110mm

Module 5 - Modulo 5						
Z	CODE	d _e	d _p	d _m	ØD ₁	kg.
12	30150012	70	60	45	16	1,21
13	30150013	75	65	50	16	1,47
14	30150014	80	70	55	20	1,76
15	30150015	85	75	60	20	2,07
16	30150016	90	80	65	20	2,40
17	30150017	95	85	70	20	2,75
18	30150018	100	90	70	20	3,02
19	30150019	105	95	70	20	3,30
20	30150020	110	100	80	20	3,83
21	30150021	115	105	80	20	4,15
22	30150022	120	110	80	25	4,48
23	30150023	125	115	90	25	5,08
24	30150024	130	120	90	25	5,44
25	30150025	135	125	90	25	5,82
26	30150026	140	130	100	25	6,50
27	30150027	145	135	100	25	6,91
28	30150028	150	140	100	25	7,22
29	30150029	155	145	100	25	7,98
30	30150030	160	150	100	25	8,44

Module 6 - Modulo 6					
CODE	d _e	d _p	d _m	ØD ₁	kg.
30160012	84	72	54	16	1,98
30160013	90	78	60	16	2,38
30160015	102	90	70	20	3,29
30160016	108	96	75	20	3,80
30160018	120	108	80	20	4,76
30160020	132	120	90	20	5,99
30160024	156	144	110	25	8,70
30160025	162	150	110	25	9,33

Module 8 - Modulo 8					
CODE	d _e	d _p	d _m	ØD ₁	kg.
30180015	136	120	90	25	8,2
30180018	160	144	100	25	11,7
30180020	176	160	120	30	14,6
30180024	208	192	150	30	21,7
30180025	216	200	150	30	23,3
30180028	240	224	170	30	29,5
30180030	256	240	190	30	34,4





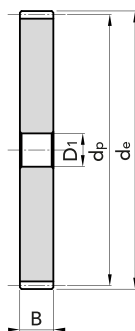
WITHOUT HUB

Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083

WIDTH BAND B for:

Module 1 = 15mm
 Module 1,5 = 17mm
 Module 2 = 20mm
 Module 2,5 = 25mm



Module 1 - Modulo 1						Module 1,5 - Modulo 1,5					Module 2 - Modulo 2					Module 2,5 - Modulo 2,5				
Z	CODE	d _e	d _p	ØD ₁	kg.	CODE	d _e	d _p	ØD ₁	kg.	CODE	d _e	d _p	ØD ₁	kg.	CODE	d _e	d _p	ØD ₁	kg.
55																				
57																				
60																				
65																30225065	167,5	162,5	20	3,99
70																30225070	180	175	20	4,64
72	30210072	74	72	12	0,46	30215072	111	108	20	1,19	30220072	148	144	20	2,50	30225072	185	180	20	4,91
75	30210075	77	75	12	0,51	30215075	115,5	112,5	20	1,30	30220075	154	150	20	2,61	30225075	192,5	187,5	20	5,33
76	30210076	78	76	12	0,52	30215076	117	114	20	1,33	30220076	156	152	20	2,79	30225076	195	190	20	5,48
80	30210080	82	80	12	0,58	30215080	123	120	20	1,48	30220080	164	160	20	3,09	30225080	205	200	25	6,04
85	30210085	87	85	12	0,65	30215085	130,5	127,5	20	1,67	30220085	174	170	20	3,50	30225085	217,5	212,5	25	6,84
90	30210090	92	90	12	0,73	30215090	138	135	20	1,78	30220090	184	180	20	3,93	30225090	230	225	25	7,68
95	30210095	97	95	12	0,82	30215095	145,5	142,5	20	2,09	30220095	194	190	20	4,39	30225095	242,5	237,5	25	8,57
100	30210100	102	100	12	0,91	30215100	153	150	20	2,32	30220100	204	200	20	4,87	30225100	255	250	25	9,51
110	30210110	112	110	12	1,10	30215110	168	165	20	2,82	30220110	224	220	20	5,90	30225110	280	275	25	11,53
114	30210114	116	114	12	1,19	30215114	174	171	20	3,03	30220114	232	228	20	6,34	30225114	290	285	25	12,39
120	30210120	122	120	12	1,32	30215120	183	180	20	3,36	30220120	244	240	20	7,03	30225120	305	300	25	13,74
127	30210127	129	127	12	1,47	30215127	193,5	190,5	20	3,77	30220127	258	254	20	7,89	30225127	322,5	317,5	25	15,40



WITHOUT HUB

Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083

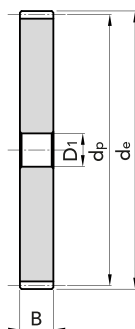
WIDTH BAND B for:

Module 3 = 30mm

Module 4 = 40mm

Module 5 = 50mm

Module 6 = 60mm



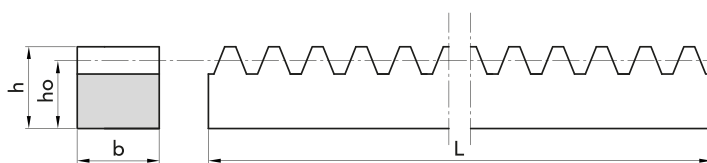
Module 3 - Modulo 3						Module 4 - Modulo 4					Module 5 - Modulo 5					Module 6 - Modulo 6				
Z	CODE	d _o	d _p	ØD ₁	kg.	CODE	d _o	d _p	ØD ₁	kg.	CODE	d _o	d _p	ØD ₁	kg.	CODE	d _o	d _p	ØD ₁	kg.
28																30260028	180	168	25	10,0
30																30260030	192	180	25	11,55
32											30250032	170	160	25	7,62	30260032	204	192	25	13,22
35											30250035	185	175	25	9,16	30260035	222	210	25	15,79
38						30240038	160	152	25	5,20	30250038	200	190	30	10,84	30260038	240	228	25	18,74
40						30240040	168	160	25	6,11	30250040	210	200	30	12,04	30260040	252	240	25	20,75
45						30240045	188	180	25	7,68	30250045	235	225	30	15,30					
48						30240048	200	192	25	8,87	30250048	250	240	30	17,44					
50	30230050	156	150	25	4,06	30240050	208	200	25	9,65	30250050	260	250	30	18,69					
52	30230052	162	156	25	4,40	30240052	216	208	25	10,45	30250052	270	260	30	20,43					
55	30230055	171	165	25	4,93	30240055	228	220	25	11,01	30250055	285	275	30	22,89					
57	30230057	177	171	25	5,30	30240057	236	228	25	12,59	30250057	295	285	30	24,62					
60	30230060	186	180	25	5,89	30240060	248	240	25	13,97	30250060	310	300	30	27,31					
65	30230065	201	195	25	6,92	30240065	268	260	25	16,43	30250065	335	325	30	32,12					
70	30230070	216	210	25	8,00	30240070	288	280	25	19,09	30250070	360	350	30	37,31					
72	30230072	222	216	25	8,47															
75	30230075	231	225	25	9,21	30240075	308	300	25	21,94	30250075	385	375	30	42,88					
76	30230076	234	228	25	9,46	30240076	312	304	25	22,47	30250076	390	380	30	44,04					
80	30230080	246	240	25	10,49	30240080	328	320	25	24,83	30250080	410	400	30	48,84					
85	30230085	261	255	25	11,76	30240085	348	340	25	28,18	30250085	435	425	30	55,19					
90	30230090	276	270	25	13,82	30240090	368	360	25	31,62	30250090	460	450	30	61,92					
95	30230095	291	285	25	14,86	30240095	388	380	25	35,26	30250095	485	475	30	69,03					
100	30230100	306	300	25	16,48	30240100	408	400	25	39,11	30250100	510	500	30	76,53					
110	30230110	336	320	25	19,97	30240110	448	440	25	47,38	30250110	560	550	30	92,69					
114	30230114	348	342	25	21,40	30240114	464	456	25	50,91	30250114	580	570	30	99,59					
120	30230120	366	360	25	23,74															
127	30230127	387	381	25	26,61															

RACKS

Pressure angle: 20°

All the racks provided by Chiaravalli Group SpA are realized for continuous mounting.

MATERIAL
MATERIAL C45 EN 10083



DIMENSIONS b x h - DIMENSIONI b x h						
M	CODE	b	h	ho	L	kg.
1	30910050	15	15	14	500	0,82
	30910100				1000	1,64
	30910200				2000	3,20
	30910300				3000	4,80
1,5	30915050	17	17	15,5	500	1,00
	30915100				1000	2,05
	30915200				2000	4,00
	30915300				3000	6,00
2	30920050	20	20	18	500	1,41
	30920100				1000	2,75
	30920200				2000	5,50
	30920300				3000	8,20
2,5	30925050	25	25	22,5	500	2,10
	30925100				1000	4,50
	30925200				2000	9,00
	30925300				3000	13,40
3	30930050	30	30	27	500	3,10
	30930100				1000	6,50
	30930200				2000	13,00
	30930300				3000	19,40
4	30939050	30	30	26	500	3,05
	30939100				1000	6,10
	30939200				2000	12,50
4	30940050	40	40	36	500	5,50
	30940100				1000	11,00
	30940200				2000	23,00
	30940300				3000	34,00
5	30950050	50	50	45	500	8,30
	30950100				1000	17,50
	30950200				2000	35,00
	30950300				3000	52,40
6	30960050	60	60	54	500	12,65
	30960100				1000	25,50
	30960200				2000	51,00
	30960300				3000	76,40
8	30980200	80	80	72	2000	90,00
10	30999200	80	80	70	2000	87,90

INSTRUCTIONS FOR CONTINUOUS MOUNTING

Pressure angle: 20°

Tolerance on the pitch: = fpt
from M=1 up to M=3 = ± 0,028
from M=4 up to M=10 = ± 0,040

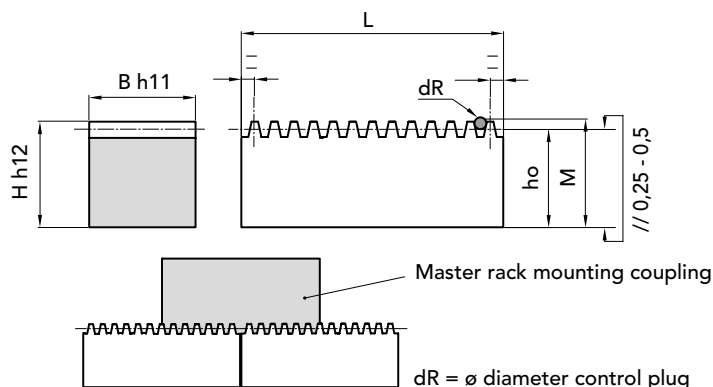
Tolerance on the sum of the wheelbases on 100 mm = ± 0,08

Quality class 9 as per norm

DIN 3962/63/67

MATERIAL

MATERIAL C45 EN 10083



M	B h11	H h12	dR	ho	M	M - ho
1	15	15	2	14	15,71	1,71
1,5	17	17	3	15,5	18,09	2,59
2	20	20	4	18	21,43	3,43
2,5	25	25	5	22,5	26,81	4,31
3	30	30	6	27	32,2	5,2
4	30	30	8	26	32,92	6,92
4	40	40	8	36	42,92	6,92
5	50	50	10	45	53,66	8,66
6	60	60	12	54	64,6	10,6
8	80	80	14	72	82,2	10,2
10	80	80	18	70	83,74	13,74

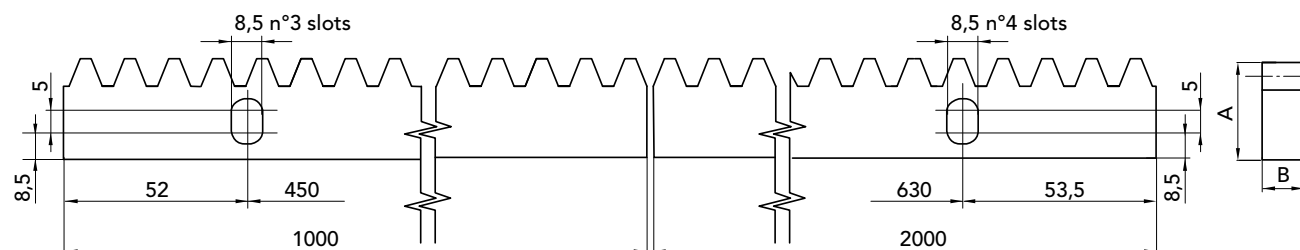
L= real lenght of the rack x continuous mounting			
502,1 ± 0,3	1001,6 ± 0,3	2000,4 ± 0,3	2999,3 ± 0,3
503,6 ± 0,3	1003,1 ± 0,3	2002,0 ± 0,3	3000,8 ± 0,3
502,1 ± 0,3	1004,6 ± 0,3	2003,6 ± 0,3	3002,4 ± 0,3
502,1 ± 0,3	1004,6 ± 0,3	2001,8 ± 0,3	2999,1 ± 0,3
508,3 ± 0,3	1007,7 ± 0,3	2006,4 ± 0,3	3005,4 ± 0,3
502,1 ± 0,3	1004,6 ± 0,3	2009,7 ± 0,3	3002,3 ± 0,3
502,1 ± 0,3	1004,6 ± 0,3	2009,7 ± 0,3	3002,3 ± 0,3
502,1 ± 0,3	1004,6 ± 0,3	2009,7 ± 0,3	2999,1 ± 0,3
508,3 ± 0,3	1017,0 ± 0,3	2016,0 ± 0,3	3014,8 ± 0,3
-	-	2035,3 ± 0,3	- ± 0,3
-	-	2009,7 ± 0,3	- ± 0,3

CONTINUOUS MOUNTING

MATERIAL C 40 NORMALIZE

RACKS FOR GATES WITH BUTTONHOLE, FOR
CONTINUOUS MOUNTING AND ZINC-PLATED,
INCLUDING SCREWS, WASHERS AND BUSHES.

M	A x B	L
		cod. 1000 mm
4	30 x 12	30900100
		cod. 2000 mm
		30900200





Bevel gears

The CHIARAVALLI GROUP SpA is able to provide a wide range of gears for different applications. After many years of experience, a standard tolerance class has been selected for bevel gears production according to DIN 3967 appropriate for virtual bevel gearing and DIN 3964 to calculate the corresponding axial displacements for the assembly dimensions.

Therefore, we are in the position to provide the End-User precise information regarding tolerances to be adopted for shimming manufacturing, following the values reported in the dimensional tables.

All the bevel gears manufactured by CHIARAVALLI GROUP SpA are produced following the profile envelope process on modern CNC hobbing machines, which are able to ensure a high-quality level due to the systematic control of machining tolerances.

The CHIARAVALLI GROUP SpA, thanks to its know-how acquired over the years and its modern machines, has the capability to produce gears and bevel gears according to customer drawings and specifications.

CHIARAVALLI GROUP SPA SPECIAL PRODUCTION

The range of CHIARAVALLI GROUP SpA special bevel gears represent a structured selection based on the module and the transmission ratio to satisfy the generic needs of industrial machinery and engineering in the motion transmission between concurrent axes.

As such, it does not claim to guarantee particularly demanding performance or to cover extensive ranges for every need.

The external configuration of bevel gear is according to DIN 3971 criteria, while tooth geometry, rectified by profile adjustment and conicity variation, is an exclusive solution provided by CHIARAVALLI GROUP SpA.

This solution offers significant benefits such as:
Improved sprocket and ring gear coupling;

- Smoother motion transmission;
- Increased tooth resistance;
- Eliminated sprocket undercut effect, even in case of high transmission ratios and low sprocket teeth number.

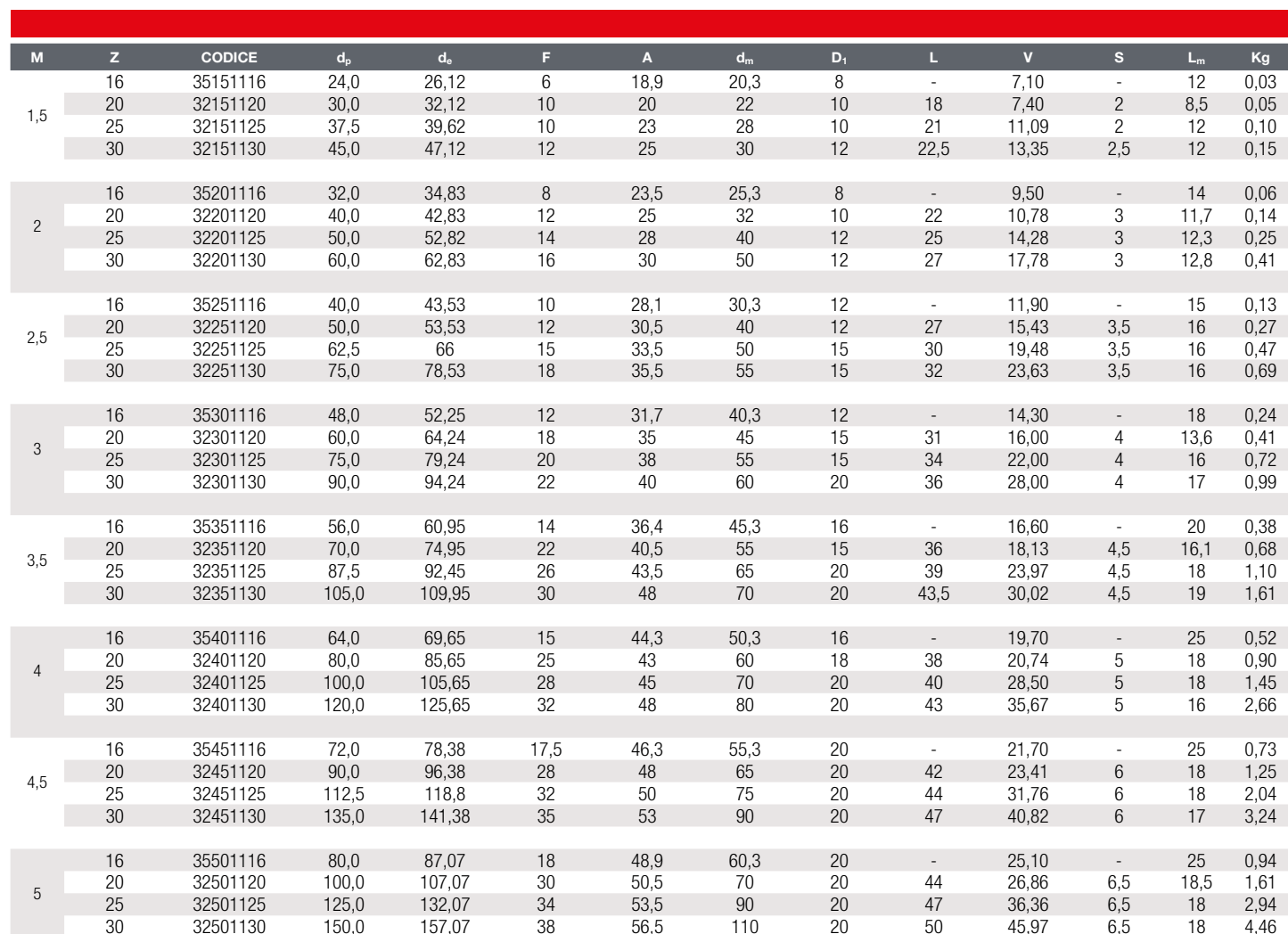
Index

- 162 BEVEL GEAR **WITH STRAIGHT TEETH** DIN 6588 STANDARD
- 166 BEVEL GEAR **WITH STRAIGHT TEETH SPECIAL CH EXECUTION**
GLEASON SYSTEM
- 173 **SPIRAL** BEVEL GEAR **GLEASON SYSTEM**



Pressure angle: 20°

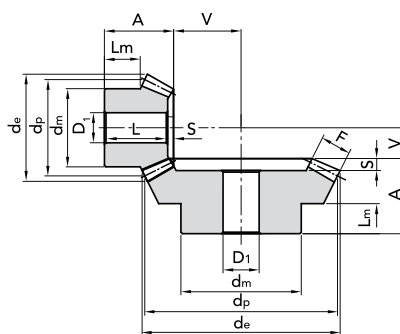
MATERIAL
MATERIAL C45 EN 10083



RATIO 1:2

Pressure angle: 20°

MATERIAL
MATERIAL C45 EN 10083



M	Z	CODICE	d _p	d _e	F	A	d _m	D ₁	L	V	S	L _m	Kg
1,5	16	32151216	24,0	26,68	8	19,5	21	10	18	16,33	1,5	11,3	0,04
	32	33151232	48,0	49,34	8	20	32	12	17	7,45	3	10	0,14
2	16	32201216	32,0	35,57	10	23	26	10	21	22,41	2	11,9	0,09
	32	33201232	64,0	65,78	10	25	40	12	21	10,21	4	10	0,14
2,5	16	32251216	40,0	44,47	12	27,5	34	12	25	28,38	2,5	14,4	0,16
	32	33251232	80,0	82,23	12	25	50	15	20	12,97	5	10	0,59
3	16	32301216	48,0	53,36	15	28	40	15	25	33,64	3	11,6	0,23
	32	33301232	96,0	98,68	15	30	60	15	24	15,31	6	10	1,05
3,5	16	32351216	56,0	62,26	18	33,5	48	15	30	38,83	3,5	14,4	0,40
	32	33351232	112,0	115,12	18	31	70	20	24	17,77	7	10	1,57
4	16	32401216	64,0	71,15	20	36	50	15	32	44,81	4	13,4	0,49
	32	33401232	128,0	131,57	20	32	80	20	24	20,42	8	10	2,29
4,5	16	32451216	72,0	80,05	22	39,5	60	20	35	51,00	4,5	15,4	0,75
	32	33451232	144,0	148	22	36	90	20	27	23,21	9	10	2,99
5	16	32501216	80,0	88,94	25	50	60	20	45	56,06	5	21,1	1,07
	32	33501232	160,0	164,46	25	38	100	20	28	25,52	10	10	3,95

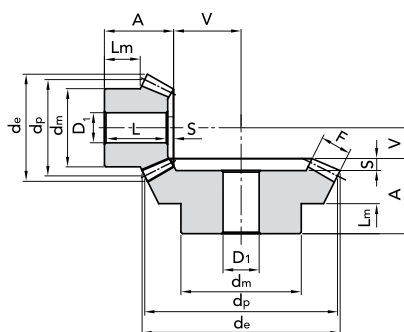


RATIO 1:3

Pressure angle: 20°

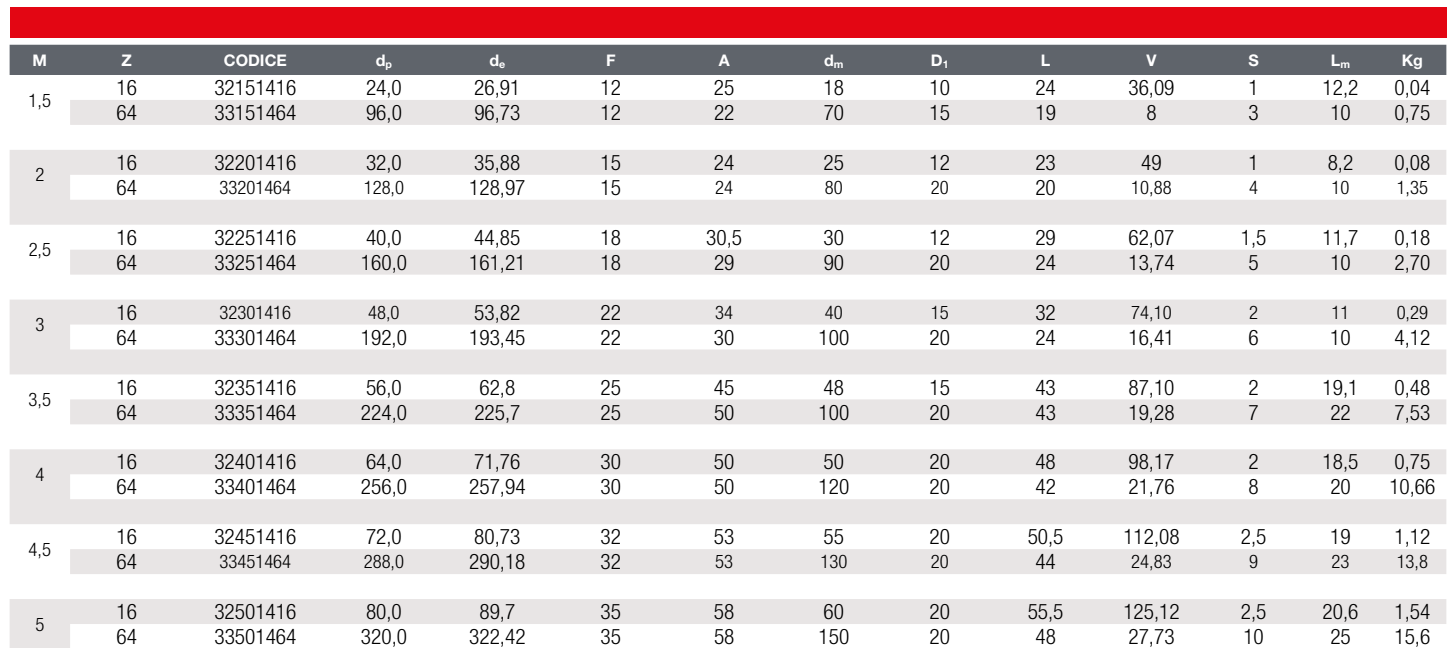
MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	dp	de	F	A	dm	D1	L	V	S	Lm	Kg
1,5	16	32151316	24,0	26,82	12	24	20	10	23	24,32	1	11,7	0,04
	48	33151348	72,0	72,95	12	20	50	12	17	7,27	3	10	0,31
2	16	32201316	32,0	35,8	15	28,5	26	12	27	33,26	1,5	12,4	0,08
	48	33201348	96,0	97,26	15	23	60	15	19	9,90	4	10	0,67
2,5	16	32251316	40,0	44,74	18	32	32	12	30	42,41	1,5	13	0,15
	48	33251348	120,0	121,58	18	26	70	20	21	12,60	5	10	1,22
3	16	32301316	48,0	53,69	18	32	40	15	30	54,25	2	12,1	0,27
	48	33301348	144,0	145,9	18	29	80	20	23	16,20	6	10	2,01
3,5	16	32351316	56,0	62,64	22	38	48	15	35,5	62,29	2,5	15	0,45
	48	33351348	168,0	170,21	22	31	90	20	24	18,48	7	10	3,08
4	16	32401316	64,0	71,59	25	41,5	55	20	38,5	71,23	3	15,2	0,67
	48	33401348	192,0	194,53	25	33	100	20	25	21,20	8	10	4,40
4,5	16	32451316	72,0	80,53	28	53	60	20	50	80,27	3	23,4	1,05
	48	33451348	216,0	218,84	28	49	100	20	40	23,93	9	18	7,23
5	16	32501316	80,0	89,48	35	60	60	20	57	85,61	3	22,5	1,38
	48	33501348	240,0	243,16	35	50	150	20	40	25,45	10	20	8,72

MATERIAL
MATERIAL C45 EN 10083





RATIO 1:1

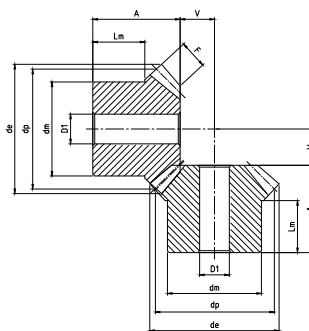
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	d ₁	d ₂	F	A	d _m	D ₁	V	L _m	Kg
1	16	35101116	16	17,4	4	11,2	13,3	4	4,8	6,5	0,02
	19	35101119	19	20,4	4	11,8	15,3	4	6,2	6,5	0,02
	22	35101122	22	23,4	4,7	12,8	16,3	5	7,2	6,5	0,02
	26	35101126	26	27,4	5,5	13,3	20,3	5	8,7	7	0,04
	30	35101130	30	31,4	6,4	16	20,3	5	10	8	0,05
1,5	16	35151116	24	26,1	6	18,9	20,3	8	7,1	12	0,04
	19	35151119	28,5	30,6	7	21,3	20,3	8	8,7	12	0,05
	22	35151122	33	35,1	7,5	22,5	25,3	8	10,5	12	0,09
	26	35151126	39	41,1	8,5	23,2	28,3	8	12,8	12	0,12
	30	35151130	45	47,1	10	27,2	30,3	12	14,8	12	0,17
2	16	35201116	32	34,8	8	23,5	25,3	8	9,5	14	0,08
	19	35201119	38	40,8	9	24,2	25,3	8	11,8	12	0,11
	22	35201122	44	46,8	10	27,9	30,3	12	14,1	14	0,18
	26	35201126	52	54,8	12	31,4	35,3	12	16,6	14	0,28
	30	35201130	60	62,8	13	34,1	40,3	14	19,9	17	0,41
2,5	16	35251116	40	43,5	10	28,1	30,3	12	11,9	15	0,14
	19	35251119	47,5	51	11	27,1	35,3	12	14,9	13	0,21
	22	35251122	55	58,5	12	30,1	45,3	16	17,9	16	0,36
	26	35251126	65	68,5	15	33,2	45,3	16	20,8	16	0,47
	30	35251130	75	78,5	16	39	50,3	16	25	20	0,74
3	16	35301116	48	52,5	12	31,7	40,3	12	14,3	18	0,28
	19	35301119	57	61,2	13	36	40,3	14	18	17	0,39
	22	35301122	66	70,2	15	36,9	50,3	16	21,1	17	0,59
	26	35301126	78	82,2	17	38,4	50,3	16	25,6	18	0,77
	30	35301130	90	94,2	19	43,8	60,3	20	30,2	22	1,19
3,5	16	35351116	56	60,9	14	36,4	45,3	16	16,6	20	0,41
	19	35351119	66,5	71,5	15	37,8	50,3	18	21	19	0,59
	22	35351122	77	81,9	17	39,1	55,3	20	24,9	18	0,84
	26	35351126	91	96	20	43,35	62,3	20	29,7	20	1,17
	30	35351130	105	110	23	47,1	70,3	20	34,9	22	1,69
4	16	35401116	64	69,7	15	44,3	50,3	16	19,7	25	0,66
	19	35401119	76	81,7	18	44,4	55,3	20	23,6	22	0,88
	22	35401122	88	93,7	20	45,9	60,3	20	28,1	22	1,21
	26	35401126	104	109,7	23	48	70,3	20	34	22	1,68
	30	35401130	120	125,7	26	54,2	80,3	20	39,8	25	2,50
4,5	16	35451116	72	78,4	17,5	46,3	55,3	20	21,7	25	0,84
	19	35451119	85,5	91,8	20	49	62,3	20	26,57	25	1,15
	22	35451122	99	105,3	22	50,1	70,3	20	31,9	25	1,72
	26	35451126	117	123	25	54,7	75,3	20	38,6	26	2,22
	30	35451130	135	141,4	29	60	80,3	20	45	28	3,25
5	16	35501116	80	87,1	18	48,9	60,3	20	25,1	25	1,10
	19	35501119	95	102,1	22	52,2	60,3	20	29,8	25	1,50
	22	35501122	110	117,1	24	58,2	80,3	20	35,8	30	2,39
	26	35501126	130	137,1	29	62,7	80,3	20	42,3	30	3,27
	30	35501130	150	157,1	32	68,9	80,3	20	50,1	35	4,13





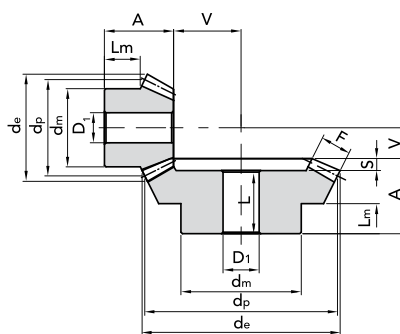
RATIO 1:1.5

Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL
MATERIAL C45 EN 10083



M	Z	CODICE	dp	de	F	A	dm	D1	L	V	S	Lm	Kg
1	16	35101516	16	18,1	4,3	12	13,3	4				7	0,04
	24	36101524	24	24,8	4,3	14,8	20,3	5	13,3	5,2	1,5	9,3	0,05
1,5	16	35151516	24	27,1	8	20,3	20,3	8		10,7		11,8	0,04
	24	36151524	36	37,2	8	24,9	28,3	8	22,7	7,1	2,2	16	0,04
2	16	35201516	32	36,2	10	25,2	25,3	8		14,8		13,8	0,08
	24	36201524	48	49,7	10	27,2	32,3	8	24,7	9,8	2,5	16	0,32
2,5	16	35251516	40	45,2	13	30,8	32,3	12		18,2		16,4	0,14
	24	36251524	60	62,1	13	34	45,3	14	30,8	12	3,2	20	0,50
3	16	35301516	48	54,3	14,5	32,4	40,3	12		22,6		16,4	0,28
	24	36301524	72	74,5	14,5	36,2	55,3	16	32	14,8	4,2	20	0,96
3,5	16	35351516	56	63,3	18	40,4	45,3	16		25,6		20,4	0,41
	24	36351524	84	86,9	18	44,2	55,3	20	40	16,8	4,2	25	1,30
4	16	35401516	64	72,4	18	46,8	50,3	16		31,2		25,4	0,66
	24	36401524	96	99,3	18	45,5	60,3	20	40	20,5	5,5	25	2,50
4,5	16	35451516	72	81,4	20	47,6	60,3	20		35,4		25,1	0,84
	24	36451524	108	111,7	20	57,8	80,3	20	51,3	23,2	6,5	35	2,90
5	16	35501516	80	90,5	24	54,1	60,3	20		37,9		25,4	1,10
	24	36501524	120	124,1	24	61,1	80,3	20	54,5	24,9	6,6	35	3,50

**RATIO 1:2**

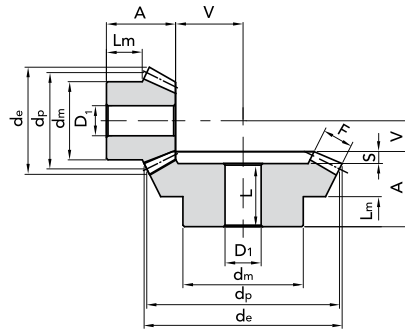
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	dp	de	F	A	dm	D1	L	V	S	Lm	Kg
1	15	35101215	15	17,4	5	11,9	13,3	4		10,1		6,5	0,03
	30	36101230	30	30,6	5	15,1	20,3	5	13,7	4,9	1,4	9	0,06
1,5	15	35151215	22,5	26,1	9	21,1	19,3	8		13,9		11,9	0,04
	30	36151230	45	45,9	9	25,2	32,3	8	23	6,8	2,2	16	0,19
2	15	35201215	30	34,8	11,5	26	25,3	8		19		14,1	0,09
	30	36201230	60	61,2	11,5	29,8	40,3	14	26,8	9,2	3	18	0,32
2,5	15	35251215	37,5	43,5	15	31,8	32,3	12		23,2		16,2	0,17
	30	36251230	75	76,5	15	33,7	45,3	16	30	11,3	3,7	20	0,57
3	15	35301215	45	52,2	17	37,3	40,3	12		28,7		19,9	0,25
	30	36301230	90	91,8	17	42,1	55,3	16	38	13,9	4,1	25	1,03
3,5	15	35351215	52,5	60,9	20,5	46,1	45,3	16		32,9		24,7	0,42
	30	36351230	105	107,1	20,5	45	60,3	20	40	16	5	25	1,51
4	15	35401215	60	69,6	22,5	48,6	50,3	20		38,4		24,6	0,52
	30	36401230	120	122,3	22,5	57,3	80,3	20	51,9	18,7	5,4	35	2,21
4,5	15	35451215	67,5	78,3	26	51,4	60,3	20		42,6		24,7	0,8
	30	36451230	135	137,6	26	60,3	80,3	20	54,3	20,7	6	35	2,88
5	15	35501215	75	87	30	57,6	60,3	20		46,4		25,3	1,16
	30	36501230	150	152,9	30	62,5	80,3	20	56	22,5	6,5	35	2,79





RATIO 1:2.5

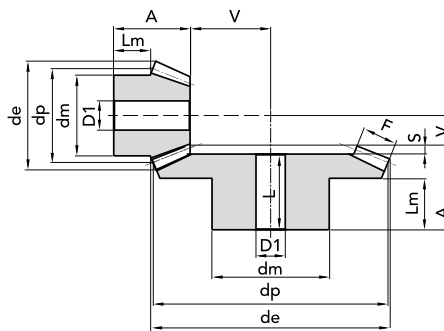
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	d _p	d _e	F	A	d _m	D ₁	L	V	S	L _m	Kg
1	16	35102516	16	18,6	6,5	14,4	13,3	4		13,6		7,4	0,04
	40	36102540	40	40,4	6,5	14,8	25,3	8	13	5,2	1,8	9	0,09
1,5	16	35152516	24	27,9	11,5	24,2	20,3	8		18,8		12,3	0,04
	40	36152540	60	60,7	11,5	27,8	40,3	14	25,5	7,2	2,3	18	0,17
2	16	35202516	32	37,2	15	29,6	25,3	8		25,4		13,7	0,04
	40	36202540	80	80,9	15	32,4	45,3	16	29	9,6	3,4	20	0,15
2,5	16	35252516	40	46,4	19	38,4	32,3	12		31,6		18,5	0,17
	40	36252540	100	101,1	19	39,8	55,3	16	35,9	12,2	3,9	25	1,23
3	16	35302516	48	55,7	21,5	41,9	40,3	16		39,1		19,6	0,33
	40	36302540	120	121,4	21,5	47,9	60,3	20	44	15,1	3,9	30	1,83
3,5	16	35352516	56	65	22,6	49,1	45,3	20		47,9		25	0,33
	40	36352540	140	141,6	22,6	54,6	80,3	20	50	18,4	4,6	35	1,90
4	16	35402516	64	74,3	26	52,5	55,3	20		54,5		25,3	0,65
	40	36402540	170	161,8	26	57,0	80,3	20	50,5	21	6,5	35	2,53
4,5	16	35452516	72	83,6	30	56,3	60,3	20		60,7		24,6	0,97
	40	36452540	180	182,1	30	59,7	80,3	20	53	23,3	6,7	35	5,30
5	16	35502516	80	92,9	32	65,4	60,3	20		68,6		30,1	1,23
	40	36502540	200	202,3	32	65,7	90,3	20	58,3	26,3	7,4	40	7,20

**RATIO 1:3**

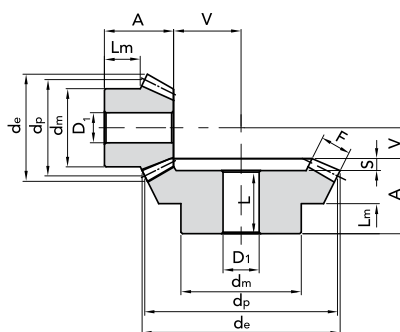
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	dp	de	F	A	dm	D1	L	V	S	Lm	Kg
1	15	35101315	15	17,7	7,1	16,6	13,3	4		15,4		9,2	0,03
	45	36101345	45	45,3	7,1	17,1	25,3	8	15,2	4,9	1,9	10	0,09
1,5	15	35151315	22,5	26,5	10,5	22,6	19,3	8		23,4		11,7	0,04
	45	36151345	67,5	68,1	10,5	29,6	45,3	14	27,2	7,4	2,4	20	0,40
2	15	35201315	30	35,4	14	28,9	25,3	8		31,1		14,2	0,09
	45	36201345	90	90,8	14	32,1	45,3	16	28,4	9,9	3,7	20	0,62
2,5	15	35251315	37,5	44,2	18	34,6	32,3	12		38,4		15,9	0,17
	45	36251345	112,5	113,4	18	39,7	60,3	20	35,3	12,3	4,4	25	1,19
3	15	35301315	45	53	21	41,3	40,3	16		46,7		19,7	0,29
	45	36301345	135	136,1	21	47,2	60,3	20	42	14,8	5,2	30	1,91
3,5	15	35351315	52,5	61,9	23,5	49,6	45,3	20		55,4		25	0,48
	45	36351345	157,5	158,8	23,5	54,4	80,3	20	48,6	17,6	5,8	35	2,21
4	15	35401315	60	70,7	27,5	54,3	50,3	20		62,7		25,4	0,70
	45	36401345	180	181,5	27,5	57	80,3	20	50,5	20	6,5	35	4,21
4,5	15	35451315	67,5	79,5	28,5	55,2	55,3	20		72,8		24,8	1,14
	45	36451345	202,5	204,2	28,5	63,9	90,3	20	57	23,1	6,9	40	7,03
5	15	35501315	75	88,4	33	65,3	60,3	20		79,7		30	1,45
	45	36501345	225	226,9	33	66,7	90,3	20	59,2	25,3	7,5	40	8,42





RATIO 1:3.5

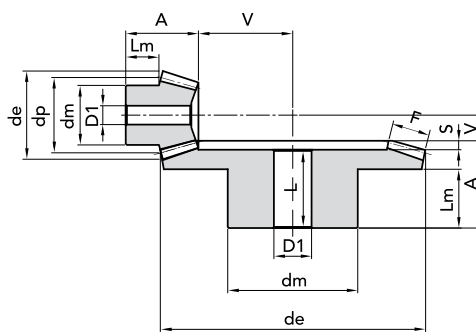
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	d _p	d _e	F	A	d _m	D ₁	L	V	S	L _m	Kg
1,5	16	35153516	24	28,1	12	24,0	20,3	8		30		11,5	0,05
	56	36153556	84	84,5	12	34,8	45,3	14	32	8,2	2,8	25	0,63
2	16	35203516	32	37,5	16	30,9	25,3	8		40,1		14,1	0,09
	56	36203556	112	112,6	16	37,1	55,3	16	33,3	10,9	3,8	25	1,30
2,5	16	35253516	40	46,8	20	38,9	32,3	14		50,1		17,9	0,20
	56	36253556	140	140,8	20	44,4	60,3	20	40	13,6	4,4	30	2,59
2,5	16	35303516	48	56,2	24	49,9	40,3	16		60,1		24,9	0,31
	56	36303556	168	169	24	52,7	80,3	20	47,5	16,3	5,2	35	3,94
3,5	16	35353516	56	65,6	25	52,0	45,5	20		73		25,5	0,62
	56	36353556	196	197,1	25	55,1	80,3	20	49,1	19,9	6,0	35	5,60

**RATIO 1:4**

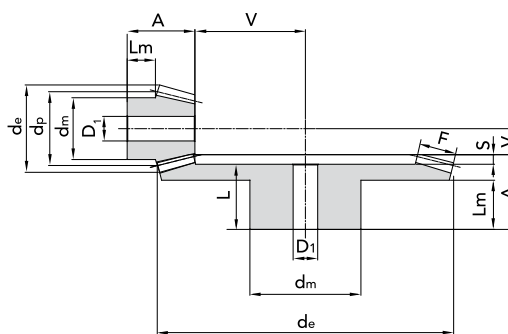
Normal axis

Pressure angle: 20°

GLEASON SYSTEM

MATERIAL

MATERIAL C45 EN 10083



M	Z	CODICE	dp	de	F	A	dm	D1	L	V	S	Lm	Kg
1	15	35101415	15	17,8	9,3	17,2	13,3	4		20,8		7,7	0,03
	60	36101460	60	60,3	9,3	17,1	30,3	8	15,2	4,9	1,9	10	0,15
1,5	15	35151415	22,5	26,7	11	23	20,3	8		34		11,7	0,05
	60	36151460	90	90,4	11	34	50,3	16	31,2	8	2,8	25	0,60
2	15	35201415	30	35,6	16	31	25,3	8		44		14,4	0,09
	60	36201460	120	120,6	16	37,6	60,3	16	34,2	10,4	3,4	25	1,30
2,5	15	35251415	37,5	44,5	19	38,1	32,3	14		55,9		18,4	0,20
	60	36251460	150	150,7	19	44,8	60,3	20	40	13,2	4,8	30	2,59
3	15	35301415	45	53,3	23	48,1	40,3	16		66,9		24,5	0,31
	60	36301460	180	180,8	23	53,2	80,3	20	48,2	15,8	5	35	3,94
3,5	15	35351415	52,5	62,2	26	52,1	45,3	20		78,9		25,1	0,60
	60	36351460	210	211	26	60,4	90,3	20	54,4	18,6	6	40	5,62
4	15	35401415	60	71,1	30	55,1	50,3	20		89,9		23	0,81
	60	36401460	240	241,1	30	60,8	90,3	20	53	21,2	7,8	40	6,43
4,5	15	35451415	67,5	79,97	32	57	52,3	20		102,9		23	1,15
	60	36451460	270	271,24	32	62	90,3	20	53,5	24,3	8,5	40	11,35
5	15	35501415	75	88,8	34	62	55,3	20		115,7		25	1,80
	60	36501460	300	301,3	34	65	90,3	20	55	27	10	40	14,45

BEVEL GEARS FOR TRANSMISSIONS BETWEEN ORTHOGONAL AXES WITH SPIRAL TOOTHING

INTRODUCTION

The "GLEASON" system range of bevel gears with spiral toothing represents an optimization of standardized bevel gear sets.

The criteria adopted for dimensioning and for the definition of geometric features are referring as much as possible to the International Standards, while a progression according to the series of normal numbers established by DIN 323 and ISO R3/R17 standards was adopted for the selection of key nominal data.

Spiral gearing conforming to the "GLEASON" system is the result of a specific design aimed to achieve optimized functional features versus the geometrical parameters that are frequently in contrast each other.

The key tooth sizing involves:

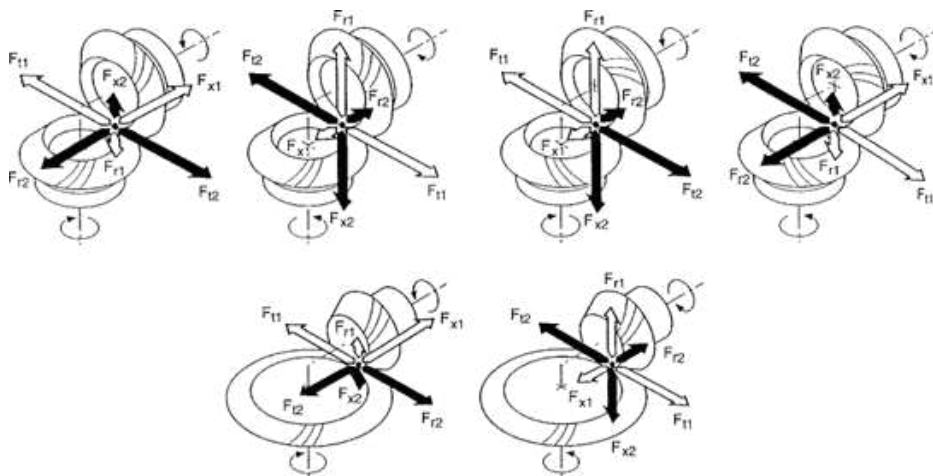
- The selection of a reduced tooth height.
- The correction with profile displacement.
- The adoption of a normal pressure angle: 20° degrees.
- The constant tooth bottom gap along the whole tooth surface and other geometric features.

The current series of spiral bevel gears are designed for general use in industry and general mechanical applications. The project has been designed to privilege the mechanical performance normally required by this sector and special attention has been taken in defining the geometrical elements that determine the overlay factor of the gearing and the constraint reactions on which the load on the bearings of the toothed pair depends.

Because of their nature, spiral-toothed bevel gears are intended for more demanding use than straight-bevel gears.

As part of its traditional technical collaboration with end users, the CHIARAVALLI GROUP SpA Technical Office is available to provide suggestions regarding more specific cases and particular concerns.

DIRECTIONS AND ANGLES OF FORCES ACTING ON SPIRAL BEVEL GEARS



R. 1:1

R. 1:2



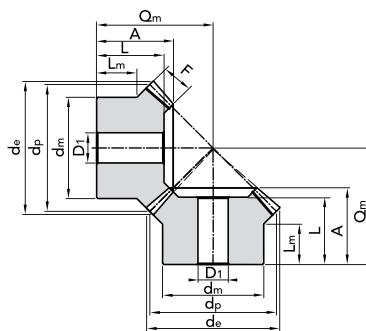
Pinion with left-handed spiral as the drive wheel



Sprocket with right-handed spiral as the driven wheel



RATIO 1:1

MATERIAL
MATERIAL C45 EN 10083

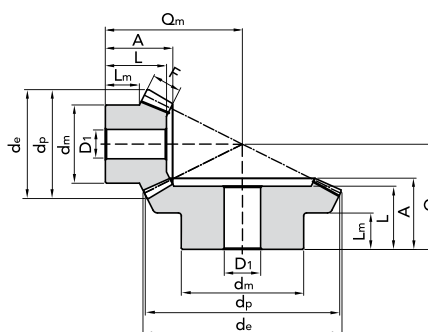
M	Z	CODE SX	CODE DX	d _p	d _m	D ₁	F	d _e	L _m	L	A	Q _m	Kg
1,5	16	31151116	31151117	24	18	8	6	25,3	9	16	16,7	24	0,04
	20	31151120	31151121	30	22	8	7	31,3	10	18	19,4	29	-0,05 0,12
	25	31151125	31151126	37,5	28	8	8	38,8	11,5	21	22,5	35	-0,1 0,21
	30	31151130	31151131	45	32	10	10	46,3	11	23	25,1	40	0,40
2	16	31201116	31201117	32	25	10	9	34	9,45	16,9	19,9	29	0,06
	20	31201120	31201121	40	32	10	12	42	11,95	21,7	24,9	36	-0,05 0,14
	25	31201125	31201126	50	40	12	14	52	11,9	24,8	27,4	42	-0,1 0,25
	30	31201130	31201131	60	50	12	16	62	12,95	26,9	29,9	48	0,42
2,5	16	31251116	31251117	40	32	12	10	42,5	13	21,8	24,8	37	0,13
	20	31251120	31251121	50	40	12	12	52,5	16	26,7	30,2	46	-0,05 0,27
	25	31251125	31251126	62,5	50	15	15	65	16	29,9	33,2	53	-0,1 0,47
	30	31251130	31251131	75	55	15	18	77,5	16	31,8	35	59	0,69
3	16	31301116	31301117	48	40	15	12	51	16	25,8	29,4	44	0,23
	20	31301120	31301121	60	45	15	18	63	13,5	30,7	34,5	51	-0,076 0,41
	25	31301125	31301126	75	55	15	20	78	16	33,7	37,5	60	-0,127 0,72
	30	31301130	31301131	90	60	20	22	93	19	35,8	39,5	68	0,99
4	16	31401116	31401117	64	50	15	15	68	17,75	30,8	36	56	0,51
	20	31401120	31401121	80	60	18	17	84	18	32,5	37,5	64	-0,102 0,81
	25	31401125	31401126	100	70	20	21	104	18	35,2	40,4	74	-0,152 1,33
	30	31401130	31401131	120	80	25	25	124	16	38,1	43,2	84	2,10
5	16	31501116	31501117	80	60	20	17	85	18,9	35,5	41,9	68	0,88
	20	31501120	31501121	100	70	20	21	105	18,5	37,7	44,8	78	-0,127 1,47
	25	31501125	31501126	125	90	20	26	130	18,5	41,8	47,8	90	-0,178 2,67
	30	31501130	31501131	150	110	30	32	155	18	45,7	52,5	103	4,25





RATIO 1:2

MATERIAL
MATERIAL C45 EN 10083



M	Z	CODE SX	CODE DX	d _p	d _m	D ₁	F	d _e	L _m	L	A	Q _m	Kg
1,5	16	31151216		24	20	10	8	26,5	9,5	17	18,6	35	-0,05 0,07
	32		31151232	48	32	12	8	48,3	10	18	20	28	-0,05 0,29
2	16	31201216		32	27	10	10	35,5	11,7	21	22,5	45	-0,05 0,09
	32		31201232	64	40	12	10	64,5	10	21,5	24,1	35	-0,05 0,32
2,5	16	31251216		40	32	12	12	44,5	14	25,1	27,5	56	-0,05 0,17
	32		31251232	80	50	15	12	80,5	15	25,9	29,2	43	-0,05 0,57
3	16	31301216		48	40	15	15	53,5	12	25,2	28,4	62	-0,076 0,25
	32		31301232	96	60	15	15	97	15	29,8	34,6	51	-0,076 1,03
4	16	31401216		64	50	20	20	71,5	13,5	32,2	36,2	81	-0,102 0,52
	32		31401232	128	80	20	20	129	23	38,7	44,2	66	-0,102 2,21
5	16	31501216		80	60	20	25	89,5	21	45,3	50	106	-0,127 1,16
	32		31501232	160	90	25	25	162	27	46,8	53,7	81	-0,127 2,79

Timing pulley

LEGEND

PITCH = *PASSO*

In synchronous transmissions using flexible components, timing belts and toothed pulleys play an important role. They allow to solve, in an efficient and economical way, problems that would have required the use of gear kinematics or transmission with articulated link chains.

In fact, the drives performances with synchronous belts are like those provided by the chains and gearings but with additional advantages coming from their structural features.

This evident application flexibility of synchronous transmissions is due to operating characteristics that are common to all timing belts and can be summarized as follow:

- Synchronous motion transmission due to the total absence of slipping.
- Regular and Constant motion, since the timing belts have no polygonal winding and the resulting change in speed typical of chain transmission.
- High belt inextensibility that transmits the motion without significant stretching and therefore without loss of the motion.
- Moderate assembly pre-tensioning, since between belt and pulley is not required adhesion.
- Minimum radial load on the shafts and on gearboxes.
- High power transmission capacity and high torque at low speed.
- Silent running, good performances, minimum overall dimensions and limited

maintenance requirements.

Synchronous transmission quality depends equally on belt and pulley features, which therefore must comply with demanding design and manufacturing criteria.

CHIARAVALLI GROUP SpA cooperates with the world's most qualified belt Manufacturers and it produces its entire range of timing pulleys according to the current Standards, to which are also included special features to improve coupling with the belt.

Index

178	WITH PILOT BORE
193	TAPER LOCK® “PHOSPHATED”
200	HTD® WITH PILOT BORE
215	HTD® TAPER LOCK® “PHOSPHATED”
226	POLY CHAIN® GT®
236	“T METRIC”
246	“AT METRIC”



TYPE MXL 025

FOR POSITIVE BELTS

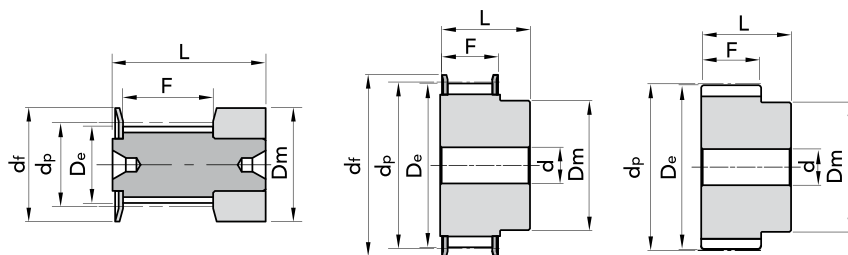
PITCH 0.080" (2.032 mm)

Different pitch of teeth available on demand.

MATERIAL

ALUMINIUM 6082-T6 EN 573

ALUMINIUM 6082-T6 E



EXEC. 0F

EXEC. 1F

EXEC. 2

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
16 MXL 025	42025116	16	0F	10,35	9,84	15	15	8,5	16,0	-	502	0,01
18 MXL 025	42025118	18	0F	11,64	11,12	16	16	8,5	16,0	-	503	0,01
20 MXL 025	42025120	20	0F	12,94	12,43	16	16	8,5	16,0	-	503	0,01
22 MXL 025	42025122	22	1F	14,23	13,72	17	10	11	16,0	3	504	0,01
24 MXL 025	42025124	24	1F	15,52	15,01	20	10	11	16,0	3	505	0,01
28 MXL 025	42025128	28	1F	18,11	17,60	25	11	11	16,0	3	506	0,01
30 MXL 025	42025130	30	1F	19,40	18,90	25	12	11	16,0	4	506	0,02
32 MXL 025	42025132	32	1F	20,70	20,19	26	14	11	16,0	4	507	0,02
36 MXL 025	42025136	36	1F	23,29	22,78	28	16	11	16,0	4	508	0,02
40 MXL 025	42025140	40	1F	25,87	25,37	32	18	11	16,0	4	509	0,03
42 MXL 025	42025142	42	1F	27,17	26,67	32	18	11	16,0	5	509	0,03
44 MXL 025	42025144	44	1F	28,46	27,95	36	18	11	16,0	5	510	0,03
48 MXL 025	42025148	48	2	31,05	30,54	-	20	11	16,0	5	-	0,03
60 MXL 025	42025160	60	2	38,81	38,30	-	24	11	16,0	5	-	0,04
72 MXL 025	42025172	72	2	46,57	46,06	-	25	11	16,0	6	-	0,05



TYPE XL 037

FOR POSITIVE BELTS

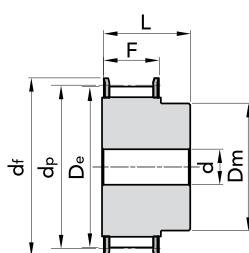
PITCH 1/5" (5.08 mm)

Different pitch of teeth available on demand.

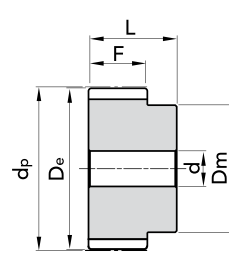
MATERIAL

C45 EN 10083

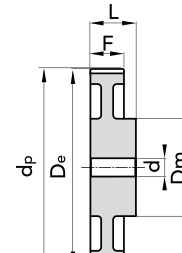
ALUMINIUM 6082-T6 EN 573



EXEC. 1F



EXEC. 2



EXEC. 3

TYPE	CODE		N. TEETH	EXEC.	dp	De	df FLANGE	Dm HUB	F	L	d	N. FLANGE	WEIGHT	
	ALUMINIUM	STEEL											AL. kg	STEEL kg
10 XL 037	42037110	42037010	10	1F	16,17	15,66	23	9,5	14,3	20	-	1	0,01	0,028
11 XL 037	42037111	42037011	11	1F	17,79	17,28	23	9,5	14,3	20	-	1	0,01	0,028
12 XL 037	42037112	42037012	12	1F	19,40	18,90	25	10	14,3	20	-	2	0,01	0,028
13 XL 037	42037113	42037013	13	1F	21,02	20,51	25	10	14,3	20	-	2	0,01	0,028
14 XL 037	42037114	42037014	14	1F	22,64	22,13	28	15	14,3	20	-	4	0,02	0,056
15 XL 037	42037115	42037015	15	1F	24,26	23,75	28	15	14,3	20	-	4	0,02	0,056
16 XL 037	42037116	42037016	16	1F	25,87	25,36	32	16	14,3	20	-	5	0,03	0,08
17 XL 037	42037117	42037017	17	1F	27,49	26,98	32	20	14,3	20	-	6	0,03	0,08
18 XL 037	42037118	42037018	18	1F	29,11	28,60	35	20	14,3	20	-	7	0,04	0,1
19 XL 037	42037119	42037019	19	1F	30,72	30,22	35	20	14,3	22	-	7	0,04	0,1
20 XL 037	42037120	42037020	20	1F	32,34	31,83	38	23,5	14,3	22	-	9	0,05	0,14
21 XL 037	42037121	42037021	21	1F	33,96	33,45	38	23,5	14,3	22	-	9	0,05	0,14
22 XL 037	42037122	42037022	22	1F	35,57	35,07	41	25	14,3	22	-	10	0,06	0,16
24 XL 037	42037124	42037024	24	1F	38,81	38,30	44	30	14,3	22	6	12	0,06	0,16
26 XL 037	42037126	42037026	26	1F	42,04	41,53	48	30	14,3	22	8	11	0,09	0,25
27 XL 037	42037127	42037027	27	1F	43,66	43,15	48	30	14,3	22	8	11	0,09	0,25
28 XL 037	42037128	42037028	28	1F	45,28	44,77	51	34	14,3	22	8	16	0,10	0,28
30 XL 037	42037130	42037030	30	1F	48,51	48,00	54	38	14,3	22	8	18	0,12	0,3
32 XL 037	42037132	42037032	32	1F	51,74	51,24	57	38	14,3	22	8	20	0,12	0,3
34 XL 037	42037134	42037034	34	1F	54,98	54,47	61	38	14,3	25	8	22	0,13	0,3
35 XL 037	42037135	42037035	35	1F	56,60	56,09	61	38	14,3	25	8	22	0,14	0,4
36 XL 037	42037136		36	2	58,21	57,70	-	45	14,3	25	8	-	0,14	-
38 XL 037	42037138		38	2	61,45	60,94	-	45	14,3	25	8	-	0,15	-
40 XL 037	42037140		40	2	64,68	64,17	-	45	14,3	25	8	-	0,16	-
42 XL 037	42037142		42	2	67,91	67,41	-	45	14,3	25	8	-	0,18	-
44 XL 037	42037144		44	2	71,15	70,64	-	45	14,3	25	8	-	0,19	-
48 XL 037	42037148		48	3	77,62	77,11	-	45	14,3	25	10	-	0,19	-
60 XL 037	42037160		60	3	97,02	96,51	-	45	14,3	25	10	-	0,22	-
72 XL 037	42037172		72	3	116,42	115,92	-	45	14,3	25	10	-	0,44	-



TYPE L 050

FOR POSITIVE BELTS

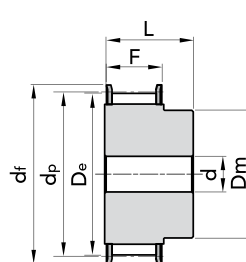
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

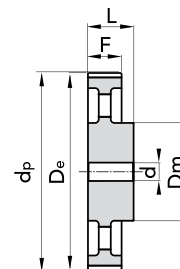
MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
10 L 050	42050010	10	1F	30,33	29,56	37	20	19	28	8	50	0,11
11 L 050	42050011	11	1F	33,35	32,59	37	22	19	30	8	50	0,14
12 L 050	42050012	12	1F	36,37	35,62	43	24	19	30	8	52	0,17
13 L 050	42050013	13	1F	39,41	38,65	44	28	19	30	8	83	0,21
14 L 050	42050014	14	1F	42,44	41,68	48	28	19	30	8	54	0,24
15 L 050	42050015	15	1F	45,48	44,72	51	34	19	30	8	55	0,29
16 L 050	42050016	16	1F	48,51	47,75	54	36	19	32	8	56	0,33
17 L 050	42050017	17	1F	51,54	50,78	57	36	19	32	10	57	0,38
18 L 050	42050018	18	1F	54,59	53,81	60	40	19	32	10	58	0,44
19 L 050	42050019	19	1F	57,61	56,84	64	40	19	32	10	59	0,47
20 L 050	42050020	20	1F	60,63	59,88	66,5	40	19	32	10	60	0,51
21 L 050	42050021	21	1F	63,68	62,91	70	45	19	32	10	61	0,6
22 L 050	42050022	22	1F	66,70	65,94	75	45	19	32	10	62	0,64
23 L 050	42050023	23	1F	69,73	68,97	79	55	19	32	10	63	0,78
24 L 050	42050024	24	1F	72,77	72,00	79	55	19	32	10	63	0,81
25 L 050	42050025	25	1F	75,80	75,04	82,5	58	19	32	10	64	0,89
26 L 050	42050026	26	1F	78,84	78,07	86	58	19	32	11	65	0,94
27 L 050	42050027	27	1F	81,86	81,10	86	58	19	32	11	65	0,99
28 L 050	42050028	28	1F	84,89	84,13	91	58	19	32	11	66	1,04
30 L 050	42050030	30	1F	90,96	90,20	97	70	19	32	11	68	1,17
32 L 050	42050032	32	1F	97,03	96,26	102	70	19	32	11	70	1,41
33 L 050	42050033	33	1F	100,05	99,29	106	70	19	32	11	71	1,49
34 L 050	42050034	34	1F	103,08	102,32	112	70	19	32	11	72	1,57
35 L 050	42050035	35	1F	106,12	105,35	112	70	19	32	11	72	1,62
36 L 050	42050036	36	1F	109,14	108,39	115	70	19	32	11	74	1,7
40 L 050	42050040	40	1F	121,29	120,51	128	70	19	32	11	78	2,03
42 L 050	42050042	42	1F	127,34	126,57	135	70	19	32	11	80	2,21
44 L 050	42050044	44	1F	133,4	132,64	142	70	19	32	11	81	2,38
45 L 050	42050045	45	1F	136,44	135,67	142	70	19	32	11	81	2,48
48 L 050	42050048	48	1F	145,54	144,77	150	70	19	32	11	85	2,78
50 L 050	42050050	50	4	151,6	150,83	-	70	19	32	14	-	1,74
52 L 050	42050052	52	4	157,66	156,9	-	70	19	32	14	-	1,8
56 L 050	42050056	56	4	169,79	169,02	-	70	19	32	14	-	1,87
57 L 050	42050057	57	4	172,82	172,06	-	70	19	32	14	-	1,88
60 L 050	42050060	60	4	181,92	181,15	-	75	19	42	14	-	2,41
72 L 050	42050072	72	4	218,29	217,53	-	75	19	42	14	-	2,82
84 L 050	42050084	84	4	254,69	253,92	-	75	19	42	14	-	3,08
96 L 050	42050096	96	4	291,06	290,3	-	75	19	42	14	-	3,42



TYPE L 075

FOR POSITIVE BELTS

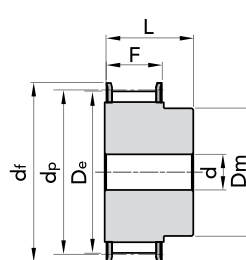
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

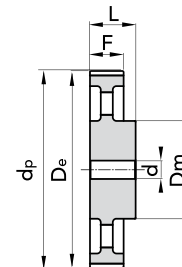
MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
10 L 075	42075010	10	1F	30,33	29,56	37	20	25,4	38	8	50	0,14
11 L 075	42075011	11	1F	33,35	32,59	37	22	25,4	38	8	50	0,18
12 L 075	42075012	12	1F	36,37	35,62	43	24	25,4	38	8	52	0,22
13 L 075	42075013	13	1F	39,41	38,65	44	28	25,4	38	8	83	0,26
14 L 075	42075014	14	1F	42,44	41,68	48	28	25,4	38	11	54	0,30
15 L 075	42075015	15	1F	45,48	44,72	51	34	25,4	38	11	55	0,37
16 L 075	42075016	16	1F	48,51	47,75	54	36	25,4	38	11	56	0,43
17 L 075	42075017	17	1F	51,54	50,78	57	36	25,4	38	11	57	0,46
18 L 075	42075018	18	1F	54,59	53,81	60	40	25,4	38	11	58	0,54
19 L 075	42075019	19	1F	57,61	56,84	64	40	25,4	38	11	59	0,58
20 L 075	42075020	20	1F	60,63	59,88	66,5	40	25,4	38	11	60	0,64
21 L 075	42075021	21	1F	63,68	62,91	70	45	25,4	38	11	61	0,71
22 L 075	42075022	22	1F	66,70	65,94	75	45	25,4	38	11	62	0,79
23 L 075	42075023	23	1F	69,73	68,97	79	55	25,4	38	11	63	0,94
24 L 075	42075024	24	1F	72,77	72,00	79	55	25,4	38	11	63	1,00
25 L 075	42075025	25	1F	75,80	75,04	82,5	58	25,4	38	11	64	1,10
26 L 075	42075026	26	1F	78,84	78,07	86	58	25,4	38	11	65	1,16
27 L 075	42075027	27	1F	81,86	81,10	86	58	25,4	38	11	65	1,22
28 L 075	42075028	28	1F	84,89	84,13	91	58	25,4	38	11	66	1,30
30 L 075	42075030	30	1F	90,96	90,20	97	70	25,4	38	11	68	1,47
32 L 075	42075032	32	1F	97,03	96,26	102	70	25,4	38	11	70	1,75
33 L 075	42075033	33	1F	100,05	99,29	106	70	25,4	38	11	71	1,85
34 L 075	42075034	34	1F	103,08	102,32	112	70	25,4	38	11	72	1,93
35 L 075	42075035	35	1F	106,12	105,35	112	70	25,4	38	11	72	2,03
36 L 075	42075036	36	1F	109,14	108,39	115	70	25,4	38	11	74	2,14
40 L 075	42075040	40	1F	121,29	120,51	128	70	25,4	38	11	78	2,56
42 L 075	42075042	42	1F	127,34	126,57	135	70	25,4	38	11	80	2,81
44 L 075	42075044	44	1F	133,4	132,64	142	70	25,4	38	11	81	3,02
45 L 075	42075045	45	1F	136,44	135,67	142	70	25,4	38	11	81	3,16
48 L 075	42075048	48	1F	145,54	144,77	150	70	25,4	38	11	85	3,57
50 L 075	42075050	50	4	151,6	150,83	-	70	25,4	38	14	-	2,10
52 L 075	42075052	52	4	157,66	156,9	-	70	25,4	38	14	-	2,13
56 L 075	42075056	56	4	169,79	169,02	-	70	25,4	38	14	-	2,27
57 L 075	42075057	57	4	172,82	172,06	-	70	25,4	38	14	-	2,28
60 L 075	42075060	60	4	181,92	181,15	-	75	25,4	45	14	-	2,70
72 L 075	42075072	72	4	218,29	217,53	-	75	25,4	45	14	-	3,19
84 L 075	42075084	84	4	254,69	253,92	-	75	25,4	45	14	-	3,64
96 L 075	42075096	96	4	291,06	290,3	-	75	25,4	45	14	-	4,04



TYPE L 100

FOR POSITIVE BELTS

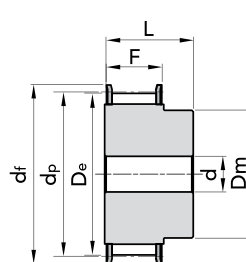
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

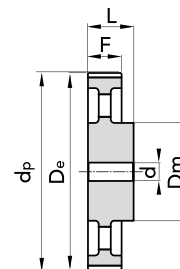
MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
10 L 100	42100010	10	1F	30,33	29,56	37	20	31,8	45	8	50	0,17
11 L 100	42100011	11	1F	33,35	32,59	37	22	31,8	45	8	50	0,22
12 L 100	42100012	12	1F	36,37	35,62	43	24	31,8	45	8	52	0,26
13 L 100	42100013	13	1F	39,41	38,65	44	28	31,8	45	8	83	0,32
14 L 100	42100014	14	1F	42,44	41,68	48	28	31,8	45	11	54	0,35
15 L 100	42100015	15	1F	45,48	44,72	51	34	31,8	45	11	55	0,43
16 L 100	42100016	16	1F	48,51	47,75	54	36	31,8	45	11	56	0,50
17 L 100	42100017	17	1F	51,54	50,78	57	36	31,8	45	11	57	0,56
18 L 100	42100018	18	1F	54,59	53,81	60	40	31,8	45	11	58	0,64
19 L 100	42100019	19	1F	57,61	56,84	64	40	31,8	45	11	59	0,70
20 L 100	42100020	20	1F	60,63	59,88	66	40	31,8	45	11	60	0,77
21 L 100	42100021	21	1F	63,68	62,91	70	45	31,8	45	11	61	0,88
22 L 100	42100022	22	1F	66,70	65,94	75	45	31,8	45	11	62	0,95
23 L 100	42100023	23	1F	69,73	68,97	79	55	31,8	45	11	63	1,11
24 L 100	42100024	24	1F	72,77	72,00	79	55	31,8	45	11	63	1,18
25 L 100	42100025	25	1F	75,80	75,04	82	58	31,8	45	11	64	1,30
26 L 100	42100026	26	1F	78,84	78,07	86	58	31,8	45	11	65	1,40
27 L 100	42100027	27	1F	81,86	81,10	86	58	31,8	45	11	65	1,47
28 L 100	42100028	28	1F	84,89	84,13	91	58	31,8	45	11	66	1,58
30 L 100	42100030	30	1F	90,96	90,20	97	70	31,8	45	11	68	1,78
32 L 100	42100032	32	1F	97,03	96,26	102	70	31,8	45	11	70	2,11
33 L 100	42100033	33	1F	100,05	99,29	106	70	31,8	45	11	71	2,23
34 L 100	42100034	34	1F	103,08	102,32	112	70	31,8	45	11	72	2,39
35 L 100	42100035	35	1F	106,12	105,35	112	70	31,8	45	11	72	2,45
36 L 100	42100036	36	1F	109,14	108,39	115	70	31,8	45	11	74	2,59
40 L 100	42100040	40	1F	121,29	120,51	128	70	31,8	45	11	78	3,13
42 L 100	42100042	42	1F	127,34	126,57	135	70	31,8	45	11	80	3,43
44 L 100	42100044	44	1F	133,4	132,64	142	70	31,8	45	11	81	3,72
45 L 100	42100045	45	1F	136,44	135,67	142	70	31,8	45	11	81	3,89
48 L 100	42100048	48	1F	145,54	144,77	150	70	31,8	45	11	85	4,38
50 L 100	42100050	50	4	151,6	150,83	-	70	31,8	45	14	-	2,41
52 L 100	42100052	52	4	157,66	156,9	-	70	31,8	45	14	-	2,55
56 L 100	42100056	56	4	169,79	169,02	-	70	31,8	45	14	-	2,65
57 L 100	42100057	57	4	172,82	172,06	-	70	31,8	45	14	-	2,71
60 L 100	42100060	60	4	181,92	181,15	-	75	31,8	45	14	-	3,11
72 L 100	42100072	72	4	218,29	217,53	-	75	31,8	45	14	-	3,65
84 L 100	42100084	84	4	254,69	253,92	-	75	31,8	45	14	-	4,12
96 L 100	42100096	96	4	291,06	290,3	-	75	31,8	45	14	-	4,60



TYPE H 075

FOR POSITIVE BELTS

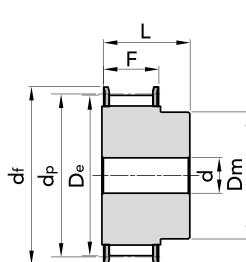
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

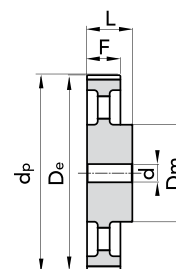
MATERIAL

C45 EN 10083

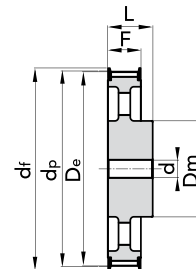
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4



EXEC. 5F

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
14 H 075	43075014	14	1F	56,59	55,22	64	40	26,4	40	-	59	0,58
15 H 075	43075015	15	1F	60,64	59,27	66,5	45	26,4	40	-	60	0,69
16 H 075	43075016	16	1F	64,67	63,31	70	45	26,4	40	-	61	0,77
17 H 075	43075017	17	1F	68,72	67,35	75	45	26,4	40	-	62	0,84
18 H 075	43075018	18	1F	72,77	71,39	79	55	26,4	40	-	63	1,01
19 H 075	43075019	19	1F	76,81	75,44	82,5	60	26,4	40	11	64	1,15
20 H 075	43075020	20	1F	80,85	79,48	87	62	26,4	40	11	76	1,27
21 H 075	43075021	21	1F	84,89	83,52	91	65	26,4	40	11	66	1,41
22 H 075	43075022	22	1F	88,93	87,56	94	68	26,4	40	11	67	1,55
23 H 075	43075023	23	1F	92,98	91,61	97	72	26,4	40	11	68	1,71
24 H 075	43075024	24	1F	97,03	95,65	102	72	26,4	40	11	70	1,83
25 H 075	43075025	25	1F	101,06	99,69	106	72	26,4	40	11	71	1,96
26 H 075	43075026	26	1F	105,11	103,73	112	80	26,4	40	11	72	2,19
27 H 075	43075027	27	1F	109,15	107,78	115	80	26,4	40	11	74	2,32
28 H 075	43075028	28	1F	113,18	111,82	120	80	26,4	40	11	75	2,47
30 H 075	43075030	30	1F	121,29	119,90	128	80	26,4	40	11	78	2,76
32 H 075	43075032	32	1F	129,30	127,99	135	80	26,4	40	11	80	3,08
33 H 075	43075033	33	1F	133,40	132,03	142	80	26,4	40	11	81	3,25
34 H 075	43075034	34	1F	137,45	136,07	142	80	26,4	40	11	81	3,42
35 H 075	43075035	35	1F	141,49	140,12	150	80	26,4	40	11	85	3,61
36 H 075	43075036	36	1F	145,54	144,16	150	80	26,4	40	11	85	3,79
38 H 075	43075038	38	1F	153,62	152,24	158	80	26,4	40	11	86	4,16
40 H 075	43075040	40	1F	161,70	160,33	168	80	26,4	40	11	90	4,58
42 H 075	43075042	42	1F	169,79	168,41	184	80	26,4	40	11	94	5,05
44 H 075	43075044	44	5F	177,80	176,50	184	80	26,4	40	14	95	2,57
48 H 075	43075048	48	5F	194,03	192,67	200	90	26,4	45	14	100	3,56
50 H 075	43075050	50	4	202,13	200,75	-	90	26,4	45	14	-	3,74



TYPE H 100

FOR POSITIVE BELTS

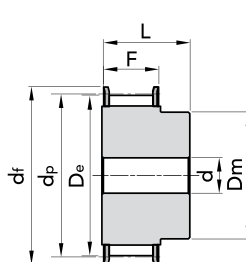
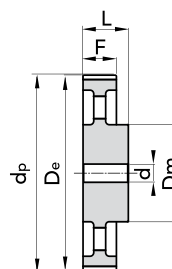
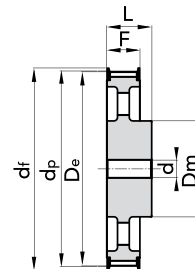
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561

**EXEC. 1F****EXEC. 4****EXEC. 5F**

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
14 H 100	43100014	14	1F	56,59	55,22	64	40	31,8	45	-	59	0,65
15 H 100	43100015	15	1F	60,64	59,27	66,5	45	31,8	45	-	60	0,77
16 H 100	43100016	16	1F	64,67	63,31	70	45	31,8	45	-	61	0,87
17 H 100	43100017	17	1F	68,72	67,35	75	45	31,8	45	-	62	0,97
18 H 100	43100018	18	1F	72,77	71,39	79	55	31,8	45	-	63	1,16
19 H 100	43100019	19	1F	76,81	75,44	82,5	60	31,8	45	14	64	1,30
20 H 100	43100020	20	1F	80,85	79,48	87	62	31,8	45	14	76	1,44
21 H 100	43100021	21	1F	84,89	83,52	91	65	31,8	45	14	66	1,60
22 H 100	43100022	22	1F	88,93	87,56	94	68	31,8	45	14	67	1,76
23 H 100	43100023	23	1F	92,98	91,61	97	72	31,8	45	14	68	1,94
24 H 100	43100024	24	1F	97,03	95,65	102	72	31,8	45	14	70	2,09
25 H 100	43100025	25	1F	101,06	99,69	106	72	31,8	45	14	71	2,24
26 H 100	43100026	26	1F	105,11	103,73	112	80	31,8	45	14	72	2,49
27 H 100	43100027	27	1F	109,15	107,78	115	80	31,8	45	14	74	2,66
28 H 100	43100028	28	1F	113,18	111,82	120	80	31,8	45	14	75	2,83
29 H 100	43100029	29	1F	117,23	115,86	120	80	31,8	45	14	75	3,01
30 H 100	43100030	30	1F	121,29	119,90	128	80	31,8	45	14	78	3,19
32 H 100	43100032	32	1F	129,30	127,99	135	80	31,8	45	14	80	3,57
33 H 100	43100033	33	1F	133,40	132,03	142	80	31,8	45	14	81	3,79
34 H 100	43100034	34	1F	137,45	136,07	142	80	31,8	45	14	81	3,99
35 H 100	43100035	35	1F	141,49	140,12	150	80	31,8	45	14	85	4,20
36 H 100	43100036	36	1F	145,54	144,16	150	80	31,8	45	14	85	4,44
38 H 100	43100038	38	1F	153,62	152,24	158	80	31,8	45	14	86	4,90
40 H 100	43100040	40	1F	161,70	160,33	168	80	31,8	45	14	90	5,39
42 H 100	43100042	42	1F	169,79	168,41	180	80	31,8	45	14	94	5,89
44 H 100	43100044	44	5F	177,88	176,50	184	80	31,8	50	14	95	3,37
45 H 100	43100045	45	5F	181,91	180,54	192	80	31,8	50	14	96	3,57
48 H 100	43100048	48	5F	194,03	192,67	200	90	31,8	50	14	100	4,10
50 H 100	43100050	50	4	202,13	200,75	-	90	31,8	50	19	-	4,24
52 H 100	43100052	52	4	210,21	208,84	-	90	31,8	50	19	-	4,32
58 H 100	43100058	58	4	234,47	233,09	-	90	31,8	50	19	-	4,61
60 H 100	43100060	60	4	242,55	241,18	-	120	31,8	50	19	-	5,30
70 H 100	43100070	70	4	282,98	281,61	-	120	31,8	55	19	-	6,13
72 H 100	43100072	72	4	291,06	289,69	-	120	31,8	55	19	-	7,47
84 H 100	43100084	84	4	339,57	338,2	-	120	31,8	55	19	-	8,52
96 H 100	43100096	96	4	388,09	386,71	-	120	31,8	60	19	-	10,25
120 H 100	43100120	120	4	485,12	483,73	-	120	31,8	60	19	-	13,09





TYPE H 150

FOR POSITIVE BELTS

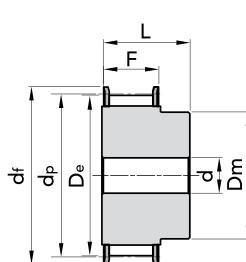
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

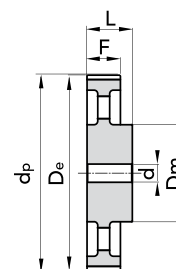
MATERIAL

C45 EN 10083

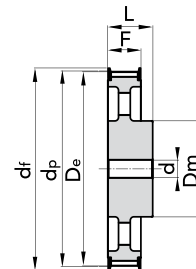
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4



EXEC. 5F

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
14 H 150	43150014	14	1F	56,59	55,22	64	42	46,0	58	-	59	0,81
15 H 150	43150015	15	1F	60,64	59,27	66,5	45	46,0	58	-	60	0,97
16 H 150	43150016	16	1F	64,67	63,31	70	45	46,0	58	-	61	1,11
17 H 150	43150017	17	1F	68,72	67,35	75	45	46,0	58	-	62	1,25
18 H 150	43150018	18	1F	72,77	71,39	79	55	46,0	58	-	63	1,48
19 H 150	43150019	19	1F	76,81	75,44	82,5	60	46,0	58	-	64	1,68
20 H 150	43150020	20	1F	80,85	79,48	87	62	46,0	58	-	76	1,88
21 H 150	43150021	21	1F	84,89	83,52	91	65	46,0	58	-	66	2,08
22 H 150	43150022	22	1F	88,93	87,56	94	68	46,0	58	-	67	2,30
23 H 150	43150023	23	1F	92,98	91,61	97	72	46,0	58	-	68	2,54
24 H 150	43150024	24	1F	97,03	95,65	102	72	46,0	58	-	70	2,75
25 H 150	43150025	25	1F	101,06	99,69	106	72	46,0	58	-	71	2,97
26 H 150	43150026	26	1F	105,11	103,73	112	80	46,0	58	-	72	3,29
27 H 150	43150027	27	1F	109,15	107,78	115	80	46,0	58	-	74	3,52
28 H 150	43150028	28	1F	113,18	111,82	120	80	46,0	58	-	75	3,78
29 H 150	43150029	29	1F	117,23	115,86	120	80	46,0	58	-	75	4,03
30 H 150	43150030	30	1F	121,29	119,90	128	80	46,0	58	-	78	4,29
32 H 150	43150032	32	1F	129,30	127,99	135	80	46,0	58	-	80	4,86
33 H 150	43150033	33	1F	133,40	132,03	142	80	46,0	58	-	81	5,15
34 H 150	43150034	34	1F	137,45	136,07	142	80	46,0	58	-	81	5,46
35 H 150	43150035	35	1F	141,49	140,12	150	80	46,0	58	-	85	5,78
36 H 150	43150036	36	1F	145,54	144,16	150	80	46,0	58	-	85	6,09
38 H 150	43150038	38	1F	153,62	152,24	158	80	46,0	58	-	86	6,74
40 H 150	43150040	40	1F	161,70	160,33	168	80	46,0	58	-	90	7,46
42 H 150	43150042	42	1F	169,79	168,41	180	80	46,0	58	-	94	7,98
44 H 150	43150044	44	5F	177,88	176,50	184	80	46,0	58	19	95	4,29
45 H 150	43150045	45	5F	181,91	180,54	192	80	46,0	58	19	96	4,44
48 H 150	43150048	48	5F	194,03	192,67	200	90	46,0	65	19	100	5,41
50 H 150	43150050	50	4	202,13	200,75	-	90	46,0	65	19	-	5,59
52 H 150	43150052	52	4	210,21	208,84	-	90	46,0	65	19	-	5,79
58 H 150	43150058	58	4	234,47	233,09	-	90	46,0	65	19	-	6,15
60 H 150	43150060	60	4	242,55	241,18	-	120	46,0	65	19	-	7,08
70 H 150	43150070	70	4	282,98	281,61	-	120	46,0	65	24	-	7,77
72 H 150	43150072	72	4	291,06	289,69	-	120	46,0	65	24	-	9,70
84 H 150	43150084	84	4	339,57	338,2	-	120	46,0	65	24	-	10,99
96 H 150	43150096	96	4	388,09	386,71	-	120	46,0	65	24	-	12,24
120 H 150	43150120	120	4	485,12	483,73	-	120	46,0	65	24	-	16,17



TYPE H 200

FOR POSITIVE BELTS

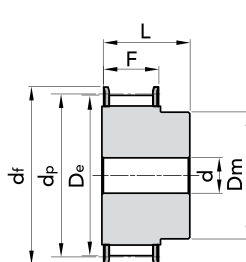
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

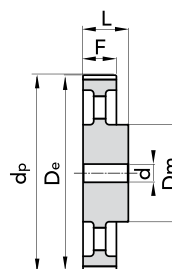
MATERIAL

C45 EN 10083

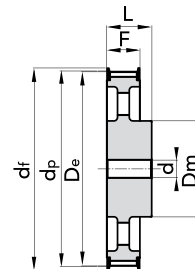
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4



EXEC. 5F

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
14 H 200	43200014	14	1F	56,59	55,22	64	40	58,7	70	-	59	1,10
15 H 200	43200015	15	1F	60,64	59,27	66,5	45	58,7	70	-	60	1,33
16 H 200	43200016	16	1F	64,67	63,31	70	45	58,7	70	-	61	1,54
17 H 200	43200017	17	1F	68,72	67,35	75	45	58,7	70	-	62	1,69
18 H 200	43200018	18	1F	72,77	71,39	79	55	58,7	70	-	63	1,95
19 H 200	43200019	19	1F	76,81	75,44	82,5	60	58,7	70	-	64	2,20
20 H 200	43200020	20	1F	80,85	79,48	87	62	58,7	70	-	76	2,44
21 H 200	43200021	21	1F	84,89	83,52	91	65	58,7	70	-	66	2,70
22 H 200	43200022	22	1F	88,93	87,56	94	68	58,7	70	-	67	2,97
23 H 200	43200023	23	1F	92,98	91,61	97	72	58,7	70	-	68	3,25
24 H 200	43200024	24	1F	97,03	95,65	102	72	58,7	70	-	70	3,56
25 H 200	43200025	25	1F	101,06	99,69	106	72	58,7	70	-	71	3,81
26 H 200	43200026	26	1F	105,11	103,73	112	80	58,7	70	-	72	4,18
27 H 200	43200027	27	1F	109,15	107,78	115	80	58,7	70	-	74	4,49
28 H 200	43200028	28	1F	113,18	111,82	120	80	58,7	70	-	75	4,81
29 H 200	43200029	29	1F	117,23	115,86	120	80	58,7	70	-	75	5,14
30 H 200	43200030	30	1F	121,29	119,90	128	80	58,7	70	-	78	5,47
32 H 200	43200032	32	1F	129,30	127,99	135	80	58,7	70	-	80	6,17
33 H 200	43200033	33	1F	133,40	132,03	142	80	58,7	70	-	81	6,56
34 H 200	43200034	34	1F	137,45	136,07	142	80	58,7	70	-	81	6,94
35 H 200	43200035	35	1F	141,49	140,12	150	80	58,7	70	-	85	7,34
36 H 200	43200036	36	1F	145,54	144,16	150	80	58,7	70	-	85	7,75
38 H 200	43200038	38	1F	153,62	152,24	158	80	58,7	70	-	86	8,62
40 H 200	43200040	40	1F	161,70	160,33	168	80	58,7	70	-	90	9,50
42 H 200	43200042	42	1F	169,79	168,41	180	80	58,7	70	-	94	10,61
44 H 200	43200044	44	5F	177,88	176,50	184	80	58,7	70	19	95	5,14
45 H 200	43200045	45	5F	181,91	180,54	192	80	58,7	70	19	96	5,38
48 H 200	43200048	48	5F	194,03	192,67	200	90	58,7	75	24	100	6,29
50 H 200	43200050	50	4	202,13	200,75	-	90	58,7	75	24	-	6,68
52 H 200	43200052	52	4	210,21	208,84	-	90	58,7	75	24	-	6,81
58 H 200	43200058	58	4	234,47	233,09	-	90	58,7	75	24	-	7,26
60 H 200	43200060	60	4	242,55	241,18	-	120	58,7	75	24	-	8,25
70 H 200	43200070	70	4	282,98	281,61	-	120	58,7	75	28	-	9,20
72 H 200	43200072	72	4	291,06	289,69	-	120	58,7	75	28	-	11,09
84 H 200	43200084	84	4	339,57	338,2	-	120	58,7	75	28	-	12,63
96 H 200	43200096	96	4	388,09	386,71	-	120	58,7	75	28	-	14,51
120 H 200	43200120	120	4	485,12	483,73	-	120	58,7	75	28	-	19,15



TYPE H 300

FOR POSITIVE BELTS

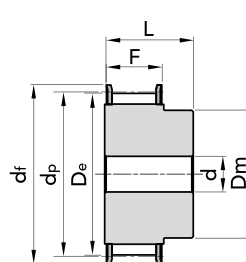
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

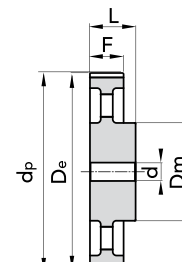
MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
14 H 300	43300014	14	1F	56,59	55,22	64	42	85,7	100	-	59	1,64
15 H 300	43300015	15	1F	60,64	59,27	66,5	45	85,7	100	-	60	1,91
16 H 300	43300016	16	1F	64,67	63,31	70	45	85,7	100	-	61	2,16
17 H 300	43300017	17	1F	68,72	67,35	75	45	85,7	100	-	62	2,43
18 H 300	43300018	18	1F	72,77	71,39	79	55	85,7	100	-	63	2,80
19 H 300	43300019	19	1F	76,81	75,44	82,5	60	85,7	100	-	64	3,16
20 H 300	43300020	20	1F	80,85	79,48	87	62	85,7	100	-	76	3,50
21 H 300	43300021	21	1F	84,89	83,52	91	65	85,7	100	-	66	3,87
22 H 300	43300022	22	1F	88,93	87,56	94	68	85,7	100	-	67	4,26
23 H 300	43300023	23	1F	92,98	91,61	97	72	85,7	100	-	68	4,68
24 H 300	43300024	24	1F	97,03	95,65	102	72	85,7	100	-	70	5,08
25 H 300	43300025	25	1F	101,06	99,69	106	72	85,7	100	-	71	5,45
26 H 300	43300026	26	1F	105,11	103,73	112	80	85,7	100	-	72	6,01
27 H 300	43300027	27	1F	109,15	107,78	115	80	85,7	100	-	74	6,45
28 H 300	43300028	28	1F	113,18	111,82	120	80	85,7	100	-	75	6,91
30 H 300	43300030	30	1F	121,29	119,90	128	80	85,7	100	-	78	7,90
32 H 300	43300032	32	1F	129,30	127,99	135	80	85,7	100	-	80	8,92
33 H 300	43300033	33	1F	133,40	132,03	142	80	85,7	100	-	81	9,46
34 H 300	43300034	34	1F	137,45	136,07	142	80	85,7	100	-	81	10,04
35 H 300	43300035	35	1F	141,49	140,12	150	80	85,7	100	-	85	10,62
36 H 300	43300036	36	1F	145,54	144,16	150	80	85,7	100	-	85	11,24
38 H 300	43300038	38	1F	153,62	152,24	158	80	85,7	100	-	86	12,44
40 H 300	43300040	40	1F	161,70	160,33	168	80	85,7	100	-	90	13,80
42 H 300	43300042	42	1F	169,79	168,41	180	80	85,7	100	-	94	15,27
44 H 300	43300044	44	4	177,88	176,50	-	80	85,7	100	24	-	7,22
48 H 300	43300048	48	4	194,03	192,67	-	90	85,7	100	24	-	8,60
50 H 300	43300050	50	4	202,13	200,75	-	90	85,7	100	24	-	8,99
58 H 300	43300058	58	4	234,47	233,09	-	90	85,7	100	24	-	10,04
60 H 300	43300060	60	4	242,55	241,18	-	120	85,7	100	24	-	11,18
72 H 300	43300072	72	4	291,06	289,69	-	120	85,7	100	28	-	15,07
84 H 300	43300084	84	4	339,57	338,2	-	120	85,7	100	28	-	16,97
96 H 300	43300096	96	4	388,09	386,71	-	120	85,7	100	28	-	19,86
120 H 300	43300120	120	4	485,12	483,73	-	120	85,7	100	28	-	25,91



TYPE XH 200

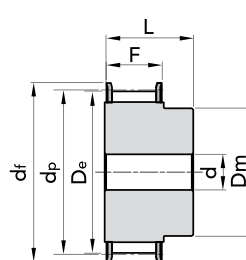
FOR POSITIVE BELTS

PITCH 7/8" (22.22 mm)

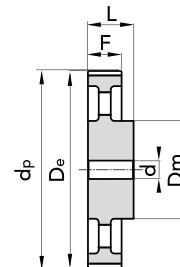
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XH 200	44200018	18	1F	127,34	124,55	140	100	65,0	80	24	155	6,00
19 XH 200	44200019	19	1F	134,41	131,62	146	100	65,0	80	24	156	6,60
20 XH 200	44200020	20	1F	141,49	138,69	155	100	65,0	80	24	157	7,30
21 XH 200	44200021	21	1F	148,56	145,77	160	110	65,0	80	24	158	8,73
22 XH 200	44200022	22	1F	155,64	152,84	170	110	65,0	80	24	159	9,55
24 XH 200	44200024	24	1F	169,79	166,99	184	120	65,0	80	24	161	11,47
25 XH 200	44200025	25	1F	176,86	174,07	188	120	65,0	80	24	162	12,46
26 XH 200	44200026	26	1F	183,93	181,14	198	120	65,0	80	24	163	13,47
27 XH 200	44200027	27	1F	191,01	188,22	205	120	65,0	80	24	164	14,42
28 XH 200	44200028	28	1F	198,09	195,29	212	120	65,0	80	24	165	15,44
30 XH 200	44200030	30	1F	212,23	209,44	227	120	65,0	80	24	167	17,69
32 XH 200	44200032	32	1F	226,38	223,59	240	120	65,0	80	24	169	19,95
34 XH 200	44200034	34	1F	240,53	237,74	256	120	65,0	80	24	170	22,75





TYPE XH 300

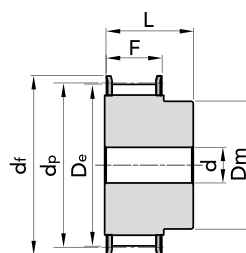
FOR POSITIVE BELTS

PITCH 7/8" (22.22 mm)

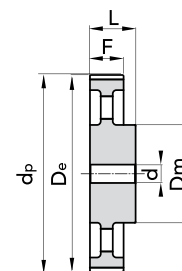
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XH 300	44300018	18	1F	127,34	124,55	140	100	90,5	110	28	155	8,90
19 XH 300	44300019	19	1F	134,41	131,62	146	100	90,5	110	28	156	9,20
20 XH 300	44300020	20	1F	141,49	138,69	155	100	90,5	110	28	157	10,61
21 XH 300	44300021	21	1F	148,56	145,77	160	110	90,5	110	28	158	11,87
22 XH 300	44300022	22	1F	155,64	152,84	170	110	90,5	110	28	159	13,08
24 XH 300	44300024	24	1F	169,79	166,99	184	120	90,5	110	28	161	15,77
25 XH 300	44300025	25	1F	176,86	174,07	188	120	90,5	110	28	162	17,13
26 XH 300	44300026	26	1F	183,93	181,14	198	120	90,5	110	28	163	18,55
27 XH 300	44300027	27	1F	191,01	188,22	205	120	90,5	110	28	164	19,90
28 XH 300	44300028	28	1F	198,09	195,29	212	150	90,5	110	28	165	22,27
30 XH 300	44300030	30	1F	212,23	209,44	227	150	90,5	110	28	167	25,39
32 XH 300	44300032	32	1F	226,38	223,59	240	150	90,5	110	28	169	28,73
34 XH 300	44300034	34	1F	240,53	237,74	256	150	90,5	110	28	170	34,20



TYPE XH 400

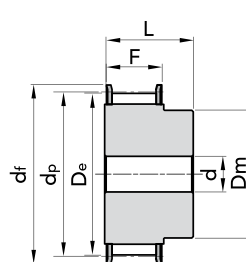
FOR POSITIVE BELTS

PITCH 7/8" (22.22 mm)

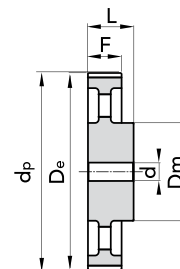
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XH 400	44400018	18	1F	127,34	124,55	140	100	118,0	132	32	155	9,60
19 XH 400	44400019	19	1F	134,41	131,62	146	100	118,0	132	32	156	10,80
20 XH 400	44400020	20	1F	141,49	138,69	155	100	118,0	132	32	157	12,87
21 XH 400	44400021	21	1F	148,56	145,77	160	110	118,0	132	32	158	14,42
22 XH 400	44400022	22	1F	155,64	152,84	170	110	118,0	132	32	159	15,44
24 XH 400	44400024	24	1F	169,79	166,99	184	120	118,0	132	32	161	19,22
25 XH 400	44400025	25	1F	176,86	174,07	188	120	118,0	132	32	162	21,05
26 XH 400	44400026	26	1F	183,93	181,14	198	120	118,0	132	32	163	22,80
27 XH 400	44400027	27	1F	191,01	188,22	205	120	118,0	132	32	164	24,66
28 XH 400	44400028	28	1F	198,09	195,29	212	150	118,0	132	32	165	27,23
30 XH 400	44400030	30	1F	212,23	209,44	227	150	118,0	132	32	167	31,30
32 XH 400	44400032	32	1F	226,38	223,59	240	150	118,0	132	32	169	35,20
34 XH 400	44400034	34	1F	240,53	237,74	256	150	118,0	132	32	170	40,00



TYPE XXH 200

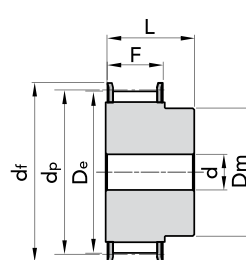
FOR POSITIVE BELTS

PITCH 1" 1/4 (31.75 mm)

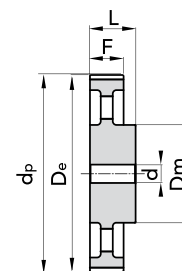
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XXH 200	44600018	18	1F	181,91	178,87	198	140	64,2	100	28	163	22,92
20 XXH 200	44600020	20	1F	202,13	199,08	212	150	64,2	100	28	165	28,00
22 XXH 200	44600022	22	1F	222,34	219,29	240	150	64,2	100	28	169	33,60
24 XXH 200	44600024	24	1F	242,55	239,50	267	150	64,2	100	28	173	39,70
26 XXH 200	44600026	26	1F	262,76	259,79	290	150	64,2	100	28	178	45,85

TYPE XXH 300

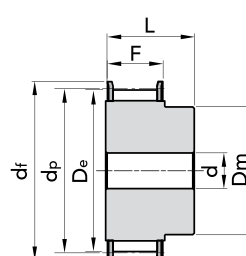
FOR POSITIVE BELTS

PITCH 1" 1/4 (31.75 mm)

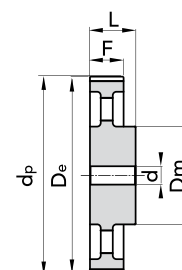
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XXH 300	44700018	18	1F	181,91	178,87	198	140	91,4	110	28	163	25,15
20 XXH 300	44700020	20	1F	202,13	199,08	212	150	91,4	110	28	165	30,72
22 XXH 300	44700022	22	1F	222,34	219,29	240	150	91,4	110	28	169	36,86
24 XXH 300	44700024	24	1F	242,55	239,50	267	150	91,4	110	28	173	43,55
26 XXH 300	44700026	26	1F	262,76	259,79	290	150	91,4	110	28	178	50,80



TYPE XXH 400

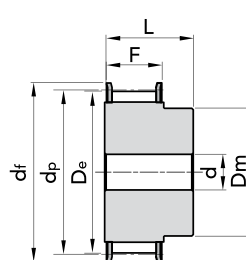
FOR POSITIVE BELTS

PITCH 1" 1/4 (31.75 mm)

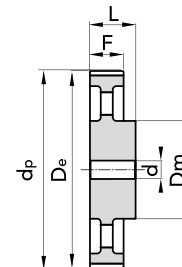
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XXH 400	44800018	18	1F	181,91	178,87	198	140	118,2	140	32	163	31,83
20 XXH 400	44800020	20	1F	202,13	199,08	212	150	118,2	140	32	165	38,88
22 XXH 400	44800022	22	1F	222,34	219,29	240	150	118,2	140	32	169	46,60
24 XXH 400	44800024	24	1F	242,55	239,50	267	150	118,2	140	32	173	55,10
26 XXH 400	44800026	26	1F	262,76	259,79	290	150	118,2	140	32	178	64,25

TYPE XXH 500

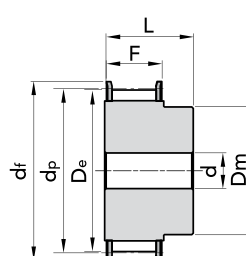
FOR POSITIVE BELTS

PITCH 1" 1/4 (31.75 mm)

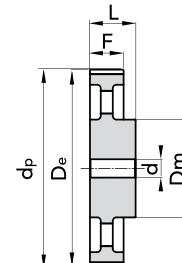
Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083



EXEC. 1F



EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
18 XXH 500	44900018	18	1F	181,91	178,87	198	140	145,3	168	32	163	38,00
20 XXH 500	44900020	20	1F	202,13	199,08	212	150	145,3	168	32	165	44,05
22 XXH 500	44900022	22	1F	222,34	219,29	240	150	145,3	168	32	169	55,80
24 XXH 500	44900024	24	1F	242,55	239,50	267	150	145,3	168	32	173	62,90
26 XXH 500	44900026	26	1F	262,76	259,79	290	150	145,3	168	32	178	73,60



TYPE L 050

FOR POSITIVE BELTS

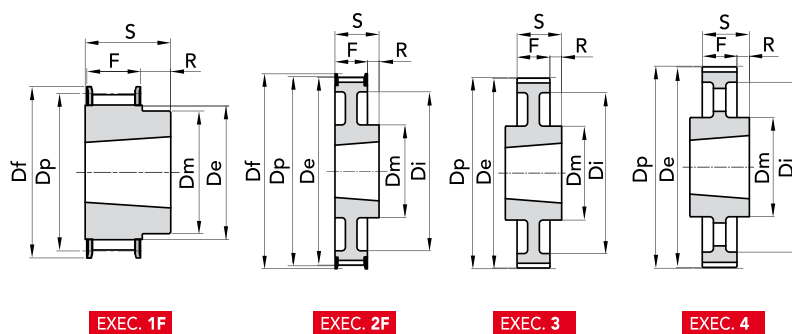
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 18 L 050	42050418	1F	1108	28	54,57	53,81	60	45,00	-	19,0	22,0	3,0	58	0,20
TL 19 L 050	42050419	1F	1108	28	57,61	56,84	64	45	-	19,0	22,0	3,0	59	0,23
TL 20 L 050	42050420	1F	1108	28	60,64	59,88	66,5	48	-	19,0	22,0	3,0	60	0,27
TL 21 L 050	42050421	1F	1108	28	63,67	62,91	70	48	-	19,0	22,0	3,0	61	0,30
TL 22 L 050	42050422	1F	1108	28	66,70	65,94	75	51	-	19,0	22,0	3,0	62	0,34
TL 23 L 050	42050423	1F	1108	28	69,73	68,97	79	54	-	19,0	22,0	3,0	63	0,40
TL 24 L 050	42050424	1F	1108	28	72,77	72,00	79	54	-	19,0	22,0	3,0	63	0,45
TL 25 L 050	42050425	1F	1108	28	75,80	75,04	82,5	56	-	19,0	22,0	3,0	64	0,50
TL 26 L 050	42050426	1F	1108	28	78,83	78,07	86	60	-	19,0	22,0	3,0	65	0,55
TL 27 L 050	42050427	1F	1108	28	81,86	81,10	86	62	-	19,0	22,0	3,0	65	0,60
TL 28 L 050	42050428	1F	1108	28	84,89	84,13	91	65	-	19,0	22,0	3,0	66	0,65
TL 30 L 050	42050430	1F	1108	28	90,96	90,20	97	70	-	19,0	22,0	3,0	68	0,80
TL 32 L 050	42050432	1F	1108	28	97,02	96,26	102	74	-	19,0	22,0	3,0	70	0,98
TL 36 L 050	42050436	1F	1108	28	109,15	108,39	115	85	-	19,0	22,0	3,0	74	1,20
TL 40 L 050	42050440	1F	1610	42	121,28	120,51	128	97	-	19,0	25,0	6,0	78	1,40
TL 44 L 050	42050444	2F	1610	42	133,40	132,64	142	88	110	19,0	25,0	6,0	81	2,10
TL 48 L 050	42050448	2F	1610	42	145,53	147,77	150	88	120	19,0	25,0	6,0	85	2,30
TL 60 L 050	42050460	3	1610	42	181,91	181,15	-	92	166	19,0	25,0	3,0	-	2,20
TL 72 L 050	42050472	4	1610	42	218,30	217,53	-	92	202	19,0	25,0	3,0	-	2,10
TL 84 L 050	42050484	4	1610	42	254,68	253,90	-	92	236	19,0	25,0	3,0	-	2,46
TL 96 L 050	42050496	4	2012	50	291,06	290,30	-	106	270	19,0	32,0	6,5	-	3,36
TL 120 L 050	42050520	4	2012	50	363,83	363,07	-	106	343	19,0	32,0	6,5	-	4,44



TYPE L 075

FOR POSITIVE BELTS

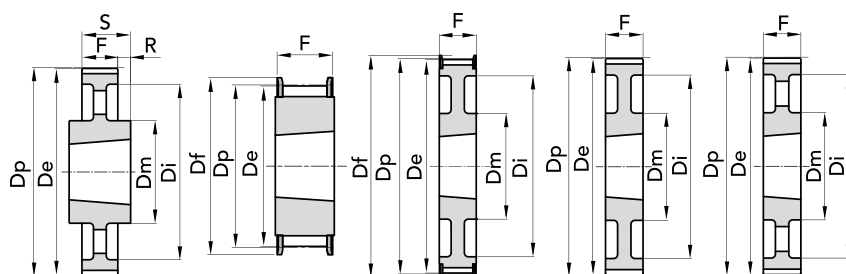
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 4

EXEC. 5F

EXEC. 6F

EXEC. 7

EXEC. 8

TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 18 L 075	42075418	5F	1108	28	54,57	53,81	60	-	-	25,0	25,0	-	58	0,25
TL 19 L 075	42075419	5F	1108	28	57,61	56,84	64	-	-	25,0	25,0	-	59	0,32
TL 20 L 075	42075420	5F	1108	28	60,64	59,88	66,5	-	-	25,0	25,0	-	60	0,35
TL 21 L 075	42075421	5F	1108	28	63,67	62,91	70	-	-	25,0	25,0	-	61	0,40
TL 22 L 075	42075422	5F	1108	28	66,70	65,94	75	-	-	25,0	25,0	-	62	0,44
TL 23 L 075	42075423	5F	1108	28	69,73	68,97	79	-	-	25,0	25,0	-	63	0,48
TL 24 L 075	42075424	5F	1108	28	72,77	72,00	79	-	-	25,0	25,0	-	63	0,55
TL 25 L 075	42075425	5F	1108	28	75,80	75,04	82,5	-	-	25,0	25,0	-	64	0,63
TL 26 L 075	42075426	5F	1108	28	78,83	78,07	86	-	-	25,0	25,0	-	65	0,66
TL 27 L 075	42075427	5F	1108	28	81,86	81,10	86	-	-	25,0	25,0	-	65	0,70
TL 28 L 075	42075428	5F	1108	28	84,89	84,13	91	-	-	25,0	25,0	-	66	0,72
TL 30 L 075	42075430	5F	1108	28	90,96	90,20	97	-	-	25,0	25,0	-	68	0,93
TL 32 L 075	42075432	5F	1108	28	97,02	96,26	102	-	-	25,0	25,0	-	70	1,10
TL 36 L 075	42075436	5F	1610	42	109,15	108,39	115	-	-	25,0	25,0	-	74	1,20
TL 40 L 075	42075440	5F	1610	42	121,28	120,51	128	-	-	25,0	25,0	-	78	1,70
TL 44 L 075	42075444	6F	1610	42	133,40	132,64	142	90	110	25,0	25,0	-	81	2,50
TL 48 L 075	42075448	6F	1610	42	145,53	147,77	150	92	120	25,0	25,0	-	85	2,60
TL 60 L 075	42075460	7	1610	42	181,91	181,15	-	92	166	25,0	25,0	-	-	3,00
TL 72 L 075	42075472	8	1610	42	218,30	217,53	-	92	202	25,0	25,0	-	-	2,33
TL 84 L 075	42075484	4	2012	50	254,68	253,90	-	106	236	25,0	32,0	3,5	-	3,55
TL 96 L 075	42075496	4	2012	50	291,06	290,30	-	106	270	25,0	32,0	3,5	-	3,95
TL 120 L 075	42075520	4	2012	50	363,83	363,07	-	106	343	25,0	32,0	3,5	-	5,61





TYPE L 100

FOR POSITIVE BELTS

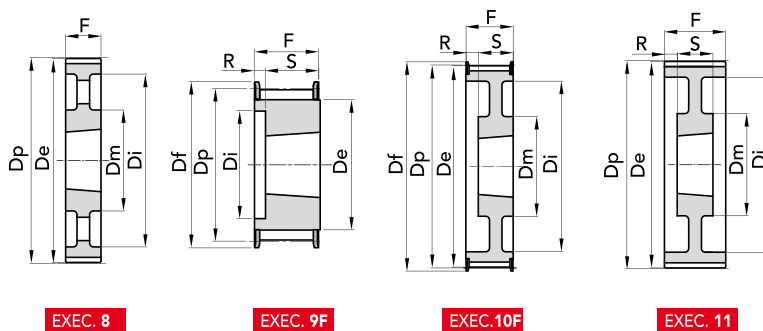
PITCH 3/8" (9.52 mm)

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 18 L 100	42100418	9F	1108	28	54,57	53,81	60	-	38	31,0	22,0	9,0	58	0,20
TL 19 L 100	42100419	9F	1108	28	57,61	56,84	64	-	38	31,0	22,0	9,0	59	0,32
TL 20 L 100	42100420	9F	1108	28	60,64	59,88	66,5	-	45	31,0	22,0	9,0	60	0,41
TL 21 L 100	42100421	9F	1108	28	63,67	62,91	70	-	45	31,0	22,0	9,0	61	0,45
TL 22 L 100	42100422	9F	1108	28	66,70	65,94	75	-	48	31,0	22,0	9,0	62	0,47
TL 23 L 100	42100423	9F	1108	28	69,73	68,97	79	-	52	32,0	22,0	10,0	63	0,50
TL 24 L 100	42100424	9F	1108	28	72,77	72,00	79	-	52	32,0	22,0	10,0	63	0,64
TL 25 L 100	42100425	9F	1108	28	75,80	75,04	82,5	-	54	32,0	22,0	10,0	64	0,68
TL 26 L 100	42100426	9F	1108	28	78,83	78,07	86	-	60	32,0	22,0	10,0	65	0,70
TL 27 L 100	42100427	9F	1108	28	81,86	81,10	86	-	60	32,0	22,0	10,0	65	0,83
TL 28 L 100	42100428	9F	1108	28	84,89	84,13	91	-	65	32,0	22,0	10,0	66	0,85
TL 30 L 100	42100430	9F	1210	32	90,96	90,20	97	-	71	32,0	25,0	7,0	68	0,90
TL 32 L 100	42100432	9F	1210	32	97,02	96,26	102	-	75	32,0	25,0	7,0	70	1,05
TL 36 L 100	42100436	9F	1610	42	109,15	108,39	115	-	86	32,0	25,0	7,0	74	1,40
TL 40 L 100	42100440	9F	1610	42	121,28	120,51	128	-	96	32,0	25,0	7,0	78	1,65
TL 44 L 100	42100444	10F	1610	42	133,40	132,64	142	90	110	32,0	25,0	7,0	81	2,70
TL 48 L 100	42100448	10F	1610	42	145,53	144,77	150	92	120	32,0	25,0	7,0	85	2,80
TL 60 L 100	42100460	11	1610	42	181,91	181,15	-	92	166	32,0	25,0	3,5	-	2,70
TL 72 L 100	42100472	8	2012	50	218,30	217,53	-	106	202	32,0	32,0	-	-	2,96
TL 84 L 100	42100484	8	2012	50	254,68	253,90	-	106	236	32,0	32,0	-	-	3,87
TL 96 L 100	42100496	8	2012	50	291,06	290,30	-	106	270	32,0	32,0	-	-	4,64
TL 120 L 100	42100520	8	2012	50	363,83	363,07	-	106	343	32,0	32,0	-	-	6,37



TYPE H 100

FOR POSITIVE BELTS

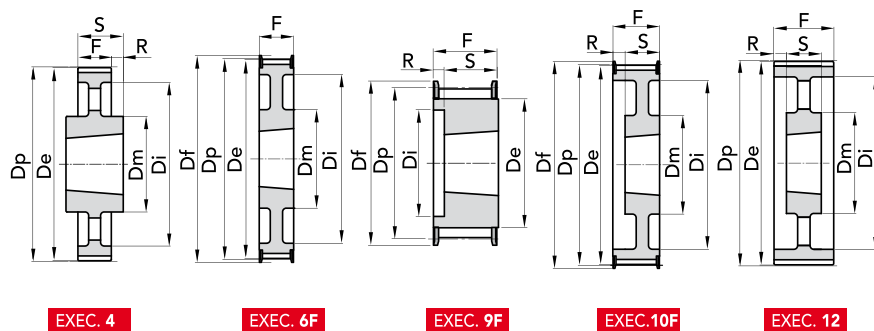
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561

**EXEC. 4****EXEC. 6F****EXEC. 9F****EXEC. 10F****EXEC. 12**

TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 16 H 100	43100416	9F	1108	28	64,68	63,31	70	-	45	31,0	22,0	9,0	61	0,42
TL 18 H 100	43100418	9F	1210	32	72,77	71,39	79	-	52	31,0	25,0	6,0	63	0,49
TL 19 H 100	43100419	9F	1210	32	76,81	74,44	82,5	-	56	31,0	25,0	6,0	64	0,62
TL 20 H 100	43100420	9F	1210	32	80,55	79,48	87	-	60	31,0	25,0	6,0	76	0,73
TL 21 H 100	43100421	9F	1210	32	84,89	83,52	91	-	64	32,0	25,0	7,0	66	0,80
TL 22 H 100	43100422	9F	1210	32	88,94	87,56	94	-	67	32,0	25,0	7,0	67	0,94
TL 23 H 100	43100423	9F	1610	42	92,98	91,61	97	-	70	32,0	25,0	7,0	68	0,97
TL 24 H 100	43100424	9F	1610	42	97,02	95,65	102	-	73,5	32,0	25,0	7,0	70	1,05
TL 25 H 100	43100425	9F	1610	42	101,06	99,69	106	-	77	32,0	25,0	7,0	71	1,10
TL 26 H 100	43100426	9F	1610	42	105,11	103,73	112	-	82	32,0	25,0	7,0	72	1,20
TL 27 H 100	43100427	9F	1610	42	109,15	107,78	115	-	85	32,0	25,0	7,0	74	1,35
TL 28 H 100	43100428	9F	1610	42	113,19	111,82	120	-	90,5	32,0	25,0	7,0	75	1,50
TL 30 H 100	43100430	9F	1610	42	121,28	119,90	128	-	98	32,0	25,0	7,0	78	1,78
TL 32 H 100	43100432	10F	1610	42	129,36	127,99	135	80	106	32,0	25,0	7,0	80	2,05
TL 36 H 100	43100436	10F	1610	42	145,53	144,16	150	92	121	32,0	25,0	7,0	85	2,80
TL 40 H 100	43100440	10F	1610	42	161,70	160,33	168	92	138	32,0	25,0	7,0	90	3,65
TL 44 H 100	43100444	6F	2012	50	177,87	176,50	184	106	152	32,0	32,0	-	95	3,86
TL 48 H 100	43100448	6F	2012	50	194,04	192,67	200	106	169	32,0	32,0	-	100	4,20
TL 60 H 100	43100460	12	2012	50	242,55	241,18	-	106	223	34,0	32,0	1,0	-	3,76
TL 72 H 100	43100472	12	2012	50	291,06	289,69	-	106	270	34,0	32,0	1,0	-	4,88
TL 84 H 100	43100484	12	2012	50	339,57	338,20	-	106	318	34,0	32,0	1,0	-	6,12
TL 96 H 100	43100496	4	2517	65	388,08	386,71	-	119	366	34,0	45,0	5,5	-	7,95
TL 120 H 100	43100520	4	2517	65	485,10	483,73	-	119	462	34,0	45,0	5,5	-	10,05





TYPE H 150

FOR POSITIVE BELTS

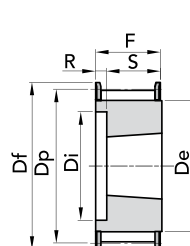
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

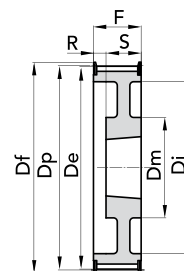
MATERIAL

C45 EN 10083

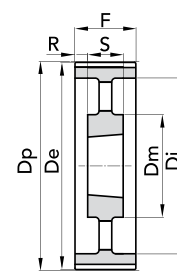
CAST-IRON G20/25 EN 1561



EXEC. 9F



EXEC. 10F



EXEC. 12

TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 18 H 150	43150418	9F	1210	32	72,77	71,39	79	-	52	45,0	25,0	20,0	63	0,60
TL 19 H 150	43150419	9F	1210	32	76,81	74,44	82,5	-	56	45,0	25,0	20,0	64	0,72
TL 20 H 150	43150420	9F	1210	32	80,55	79,48	87	-	60	45,0	25,0	20,0	76	0,83
TL 21 H 150	43150421	9F	1210	32	84,89	83,52	91	-	64	45,0	25,0	20,0	66	1,00
TL 22 H 150	43150422	9F	1210	32	88,94	87,56	94	-	67	45,0	25,0	20,0	67	1,25
TL 23 H 150	43150423	9F	1610	42	92,98	91,61	97	-	70	45,0	25,0	20,0	68	1,05
TL 24 H 150	43150424	9F	1610	42	97,02	95,65	102	-	73,5	45,0	25,0	20,0	70	1,10
TL 25 H 150	43150425	9F	1610	42	101,06	99,69	106	-	77	45,0	25,0	20,0	71	1,30
TL 26 H 150	43150426	9F	1610	42	105,11	103,73	112	-	82	45,0	25,0	20,0	72	1,42
TL 27 H 150	43150427	9F	1610	42	109,15	107,78	115	-	85	45,0	25,0	20,0	74	1,65
TL 28 H 150	43150428	9F	1610	42	113,19	111,82	120	-	90,5	45,0	25,0	20,0	75	1,88
TL 30 H 150	43150430	9F	1610	42	121,28	119,90	128	-	98	45,0	25,0	20,0	78	2,05
TL 32 H 150	43150432	10F	1610	42	129,36	127,99	135	80	106	45,0	25,0	20,0	80	2,35
TL 36 H 150	43150436	10F	1610	42	145,53	144,16	150	92	121	45,0	25,0	20,0	85	3,20
TL 40 H 150	43150440	10F	1610	42	161,70	160,33	168	92	138	45,0	25,0	20,0	90	4,10
TL 44 H 150	43150444	10F	2012	50	177,87	176,50	184	106	152	45,0	32,0	13,0	95	4,50
TL 48 H 150	43150448	10F	2012	50	194,04	192,67	200	106	169	45,0	32,0	13,0	100	4,80
TL 60 H 150	43150460	12	2012	50	242,55	241,18	-	106	223	46,0	32,0	7,0	-	4,51
TL 72 H 150	43150472	12	2012	50	291,06	289,69	-	106	270	46,0	32,0	7,0	-	6,16
TL 84 H 150	43150484	12	2012	50	339,57	338,20	-	106	318	46,0	32,0	7,0	-	7,40
TL 96 H 150	43150496	12	2517	65	388,08	386,71	-	119	366	46,0	45,0	0,5	-	9,87
TL 120 H 150	43150520	12	2517	65	485,10	483,73	-	119	462	46,0	45,0	0,5	-	13,5



TYPE H 200

FOR POSITIVE BELTS

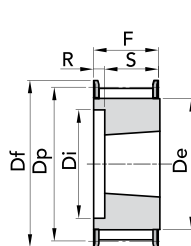
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

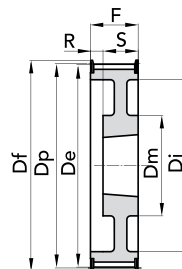
MATERIAL

C45 EN 10083

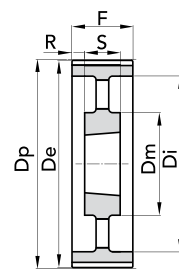
CAST-IRON G20/25 EN 1561



EXEC. 9F



EXEC. 10F



EXEC. 12

TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _e	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 18 H 200	43200418	9F	1210	32	72,77	71,39	79	-	52	58,0	25,0	33,0	63	0,84
TL 19 H 200	43200419	9F	1210	32	76,81	74,44	82,5	-	56	58,0	25,0	33,0	64	0,96
TL 20 H 200	43200420	9F	1610	42	80,55	79,48	87	-	62	58,0	25,0	33,0	76	0,93
TL 21 H 200	43200421	9F	1610	42	84,89	83,52	91	-	64	58,0	25,0	33,0	66	1,07
TL 22 H 200	43200422	9F	1610	42	88,94	87,56	94	-	67	58,0	25,0	33,0	67	1,25
TL 23 H 200	43200423	9F	1610	42	92,98	91,61	97	-	70	58,0	25,0	33,0	68	1,40
TL 24 H 200	43200424	9F	1610	42	97,02	95,65	102	-	73,5	58,0	25,0	33,0	70	1,55
TL 25 H 200	43200425	9F	1610	42	101,06	99,69	106	-	77	58,0	25,0	33,0	71	1,71
TL 26 H 200	43200426	9F	1610	42	105,11	103,73	112	-	82	58,0	25,0	33,0	72	1,84
TL 27 H 200	43200427	9F	1610	42	109,15	107,78	115	-	85	58,0	25,0	33,0	74	2,06
TL 28 H 200	43200428	9F	1610	42	113,19	111,82	120	-	90,5	58,0	25,0	33,0	75	2,17
TL 30 H 200	43200430	9F	1610	42	121,28	119,90	128	-	98	58,0	25,0	33,0	78	2,60
TL 32 H 200	43200432	9F	2012	50	129,36	127,99	135	-	106	58,0	32,0	26,0	80	2,95
TL 36 H 200	43200436	10F	2012	50	145,53	144,16	150	102	121	58,0	32,0	26,0	85	3,62
TL 40 H 200	43200440	10F	2012	50	161,70	160,33	168	106	138	58,0	32,0	26,0	90	4,33
TL 44 H 200	43200444	10F	2012	50	177,87	176,50	184	106	152	58,0	32,0	26,0	95	5,33
TL 48 H 200	43200448	10F	2517	65	194,04	192,67	200	119	168	58,0	45,0	13,0	100	6,47
TL 60 H 200	43200460	12	2517	65	242,55	241,18	-	119	223	60,0	45,0	7,5	-	5,86
TL 72 H 200	43200472	12	2517	65	291,06	289,69	-	119	270	60,0	45,0	7,5	-	7,42
TL 84 H 200	43200484	12	2517	65	339,57	338,20	-	119	320	60,0	45,0	7,5	-	8,73
TL 96 H 200	43200496	12	2517	65	388,08	386,71	-	119	366	60,0	45,0	7,5	-	10,83
TL 120 H 200	43200520	12	2517	65	485,10	483,73	-	119	462	60,0	45,0	7,5	-	14,95





TYPE H 300

FOR POSITIVE BELTS

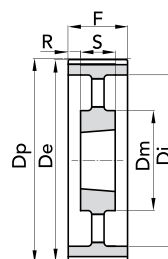
PITCH 1/2" (12.7 mm)

Different pitch of teeth available on demand.

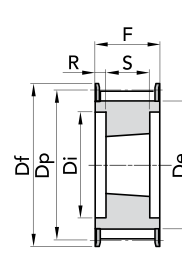
MATERIAL

C45 EN 10083

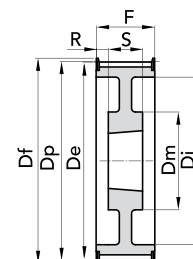
CAST-IRON G20/25 EN 1561



EXEC. 12



EXEC. 13F



EXEC. 14F

TYPE	CODE	EXEC.	BUSH.	BORE MAX	d _p	D _s	d _f FLANGE	D _m HUB	D _i	F	S	R	N. FLANGE	Kg
TL 20 H 300	43300420	13F	1615	42	80,85	79,48	87	-	64,5	84,0	38,0	23,0	76	1,22
TL 21 H 300	43300421	13F	1615	42	84,89	83,52	91	-	65	84,0	38,0	23,0	66	1,52
TL 22 H 300	43300422	13F	1615	42	88,94	87,56	94	-	67	84,0	38,0	23,0	67	1,80
TL 23 H 300	43300423	13F	1615	42	92,98	91,61	97	-	70	84,0	38,0	23,0	68	2,04
TL 24 H 300	43300424	13F	1615	42	97,02	95,65	102	-	73,5	84,0	38,0	23,0	70	2,29
TL 25 H 300	43300425	13F	1615	42	101,06	99,69	106	-	77	84,0	38,0	23,0	71	2,54
TL 26 H 300	43300426	13F	1615	42	105,11	103,73	112	-	82	84,0	38,0	23,0	72	2,73
TL 27 H 300	43300427	13F	2012	50	109,15	107,78	115	-	85	84,0	32,0	26,0	74	2,54
TL 28 H 300	43300428	13F	2012	50	113,19	111,82	120	-	90,5	84,0	32,0	26,0	75	2,68
TL 30 H 300	43300430	13F	2012	65	121,28	119,90	128	-	98	84,0	32,0	26,0	78	3,21
TL 32 H 300	43300432	13F	2517	65	129,36	127,99	135	-	106	84,0	45,0	19,5	80	3,58
TL 36 H 300	43300436	13F	2517	65	145,53	144,16	150	-	121	84,0	45,0	19,5	85	4,99
TL 40 H 300	43300440	13F	2517	65	161,70	160,33	168	-	138	84,0	45,0	19,5	90	6,50
TL 44 H 300	43300444	14F	2517	65	177,87	176,50	184	119	150	86,0	45,0	20,5	95	7,55
TL 48 H 300	43300448	14F	2517	65	194,04	192,67	200	119	165	86,0	45,0	20,5	100	8,66
TL 60 H 300	43300460	12	2517	65	242,55	241,18	-	119	223	86,0	45,0	20,5	-	7,42
TL 72 H 300	43300472	12	2517	65	291,06	289,69	-	119	270	86,0	45,0	20,5	-	9,33
TL 84 H 300	43300484	12	2517	65	339,57	338,20	-	119	320	86,0	45,0	20,5	-	11,19
TL 96 H 300	43300496	12	3030	75	388,08	386,71	-	150	362	86,0	76,0	5,0	-	17,96
TL 120 H 300	43300520	12	3030	75	485,10	483,73	-	150	460	86,0	76,0	5,0	-	22,23

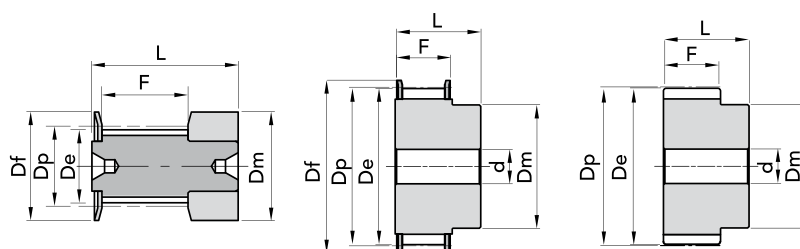


TYPE 3M 09

Different pitch of teeth available on demand.

MATERIAL

ALUMINIUM 6082-T6 EN 573



EXEC. 0F

EXEC. 1F

EXEC. 8

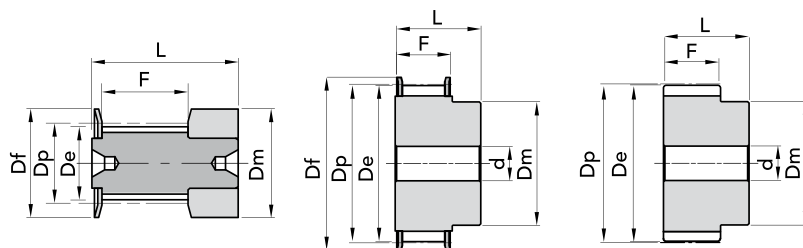
TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	F	L	d Ø Bore	N. FLANGE	Kg
10- 3M- 09F	40109010	10	0F	9,55	8,79	13	13	10,2	17,5	-	501	0,01
12- 3M- 09F	40109012	12	0F	11,46	10,70	15	15	10,2	17,5	-	502	0,01
14- 3M- 09F	40109014	14	0F	13,37	12,61	16	16	10,2	17,5	-	503	0,01
15- 3M- 09F	40109015	15	0F	14,32	13,56	17,5	17,5	10,2	17,5	-	516	0,01
16- 3M- 09F	40109016	16	1F	15,28	14,52	17,5	10	12,8	20,6	4	504	0,01
18- 3M- 09F	40109018	18	1F	17,19	16,43	20	11	12,8	20,6	6	505	0,01
20- 3M- 09F	40109020	20	1F	19,10	18,34	23	12	12,8	20,6	6	517	0,01
21- 3M- 09F	40109021	21	1F	20,05	19,29	25	13	12,8	20,6	6	518	0,01
22- 3M- 09F	40109022	22	1F	21,01	20,25	25	13	12,8	20,6	6	518	0,01
24- 3M- 09F	40109024	24	1F	22,92	22,16	25	13	12,8	20,6	6	518	0,02
26- 3M- 09F	40109026	26	1F	24,83	24,07	28	16	12,8	20,6	6	508	0,02
28- 3M- 09F	40109028	28	1F	26,74	25,98	32	18	12,8	20,6	6	509	0,02
30- 3M- 09F	40109030	30	1F	28,65	27,89	32	20	12,8	20,6	6	509	0,30
32- 3M- 09F	40109032	32	1F	30,56	29,80	36	22	12,8	20,6	6	510	0,30
36- 3M- 09F	40109036	36	1F	34,38	33,62	39	26	13,4	22,2	6	519	0,05
40- 3M- 09F	40109040	40	1F	38,20	37,44	42	28	13,4	22,2	6	513	0,06
44- 3M- 09F	40109044	44	1F	42,02	41,26	48	33	13,4	22,2	6	520	0,07
48- 3M- 09	40109048	48	8	45,84	45,08	-	33	13,4	22,2	8	-	0,11
60- 3M- 09	40109060	60	8	57,30	56,54	-	33	13,4	22,2	8	-	0,11
72- 3M- 09	40109072	72	8	68,75	67,99	-	33	13,4	22,2	8	-	0,15



TYPE 3M 15

Different pitch of teeth available on demand.

MATERIAL
ALUMINIUM 6082-T6 EN 573

**EXEC. 0F****EXEC. 1F****EXEC. 8**

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	F	L	d Ø Bore	N. FLANGE	Kg
10- 3M- 15F	40115010	10	0F	9,55	8,79	13	13	17	26	-	501	0,01
12- 3M- 15F	40115012	12	0F	11,46	10,70	15	15	17	26	-	502	0,01
14- 3M- 15F	40115014	14	0F	13,37	12,61	16	16	17	26	-	503	0,01
15- 3M- 15F	40115015	15	0F	14,32	13,56	17,5	17,5	17	26	-	516	0,01
16- 3M- 15F	40115016	16	1F	15,28	14,52	17,5	10	19,5	26	4	504	0,01
18- 3M- 15F	40115018	18	1F	17,19	16,43	20	11	19,5	26	6	505	0,01
20- 3M- 15F	40115020	20	1F	19,10	18,34	23	13	19,5	26	6	517	0,01
21- 3M- 15F	40115021	21	1F	20,05	19,29	25	13	19,5	26	6	518	0,02
22- 3M- 15F	40115022	22	1F	21,01	20,25	25	13	19,5	26	6	518	0,02
24- 3M- 15F	40115024	24	1F	22,92	22,16	25	13	19,5	26	6	518	0,02
26- 3M- 15F	40115026	26	1F	24,83	24,07	28	16	19,5	26	6	508	0,03
28- 3M- 15F	40115028	28	1F	26,74	25,98	32	18	19,5	26	6	509	0,03
30- 3M- 15F	40115030	30	1F	28,65	27,89	32	20	19,5	26	6	509	0,04
32- 3M- 15F	40115032	32	1F	30,56	29,80	36	22	19,5	26	6	510	0,04
36- 3M- 15F	40115036	36	1F	34,38	33,62	39	26	20	30	6	519	0,06
40- 3M- 15F	40115040	40	1F	38,20	37,44	42	28	20	30	6	513	0,08
44- 3M- 15	40115044	44	1F	42,02	41,26	48	33	20	30	6	520	0,10
48- 3M- 15	40115048	48	8	45,84	45,08	-	33	20	30	8	-	0,10
60- 3M- 15	40115060	60	8	57,30	56,54	-	33	20	30	8	-	0,15
72- 3M- 15	40115072	72	8	68,75	67,99	-	33	20	30	8	-	0,21





TYPE 5M 09

PHOSPHATED

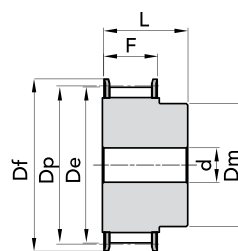
Aluminium pulleys are not phosphated.

Different pitch of teeth available on demand.

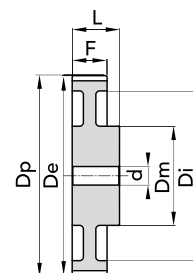
MATERIAL

C45 EN 10083

ALUMINIUM G20/25 EN 1561



EXEC. 1F



EXEC. 3

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
12- 5M- 09F	40209012	12	1F	19,10	17,96	23	12	-	14,5	20	4	14	0,03
14- 5M- 09F	40209014	14	1F	22,28	21,14	25	13	-	14,5	20	6	2	0,04
15- 5M- 09F	40209015	15	1F	23,37	22,73	28	16	-	14,5	20	6	4	0,05
16- 5M- 09F	40209016	16	1F	25,46	24,32	28	16,5	-	14,5	20	6	4	0,06
18- 5M- 09F	40209018	18	1F	28,65	27,51	32	20	-	14,5	20	6	6	0,07
20- 5M- 09F	40209020	20	1F	31,83	30,69	36	23	-	14,5	22,5	6	8	0,10
21- 5M- 09F	40209021	21	1F	33,42	32,28	38	24	-	14,5	22,5	6	9	0,12
22- 5M- 09F	40209022	22	1F	35,01	33,87	39	25,5	-	14,5	22,5	6	15	0,13
24- 5M- 09F	40209024	24	1F	38,20	37,06	42	27	-	14,5	22,5	6	13	0,15
26- 5M- 09F	40209026	26	1F	41,38	40,24	44	30	-	14,5	22,5	6	12	0,18
28- 5M- 09F	40209028	28	1F	44,56	43,42	48	30,5	-	14,5	22,5	6	11	0,21
30- 5M- 09F	40209030	30	1F	47,75	46,60	51	35	-	14,5	22,5	6	16	0,25
32- 5M- 09F	40209032	32	1F	50,93	49,79	54	38	-	14,5	22,5	8	18	0,28
36- 5M- 09F	40209036	36	1F	57,30	56,16	60	38	-	14,5	22,5	8	21	0,33
40- 5M- 09F	40209040	40	1F	63,66	62,52	71	38	-	14,5	22,5	8	25	0,42
44- 5M- 09	40209044	44	3	70,03	68,89	-	38	54	14,5	25,5	8	-	0,17
48- 5M- 09	40209048	48	3	76,39	75,25	-	45	61	14,5	25,5	8	-	0,18
60- 5M- 09	40209060	60	3	95,49	94,35	-	45	80	14,5	25,5	8	-	0,23
72- 5M- 09	40209072	72	3	114,59	113,45	-	45	100	14,5	25,5	8	-	0,42



TYPE 5M 15

PHOSPHATED

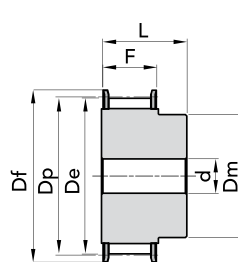
Aluminium pulleys are not phosphated.

Different pitch of teeth available on demand.

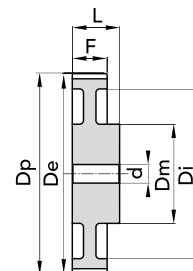
MATERIAL

C45 EN 10083

ALUMINIUM G20/25 EN 1561



EXEC. 1F



EXEC. 3

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
12- 5M- 15F	40215012	12	1F	19,10	17,96	23	12	-	20,5	26	-	14	0,03
14- 5M- 15F	40215014	14	1F	22,28	21,14	25	13	-	20,5	26	6	2	0,04
15- 5M- 15F	40215015	15	1F	23,37	22,73	28	16	-	20,5	26	6	4	0,05
16- 5M- 15F	40215016	16	1F	25,46	24,32	28	16,5	-	20,5	26	6	4	0,06
18- 5M- 15F	40215018	18	1F	28,65	27,51	32	20	-	20,5	26	6	6	0,09
20- 5M- 15F	40215020	20	1F	31,83	30,69	36	23	-	20,5	26	6	8	0,12
21- 5M- 15F	40215021	21	1F	33,42	32,28	38	24	-	20,5	26	6	9	0,14
22- 5M- 15F	40215022	22	1F	35,01	33,87	39	25,5	-	20,5	26	6	15	0,15
24- 5M- 15F	40215024	24	1F	38,20	37,06	42	27	-	20,5	28	6	13	0,19
26- 5M- 15F	40215026	26	1F	41,38	40,24	44	30	-	20,5	28	6	12	0,23
28- 5M- 15F	40215028	28	1F	44,56	43,42	48	30,5	-	20,5	28	6	11	0,26
30- 5M- 15F	40215030	30	1F	47,75	46,60	51	35	-	20,5	28	6	16	0,32
32- 5M- 15F	40215032	32	1F	50,93	49,79	54	38	-	20,5	28	8	18	0,35
36- 5M- 15F	40215036	36	1F	57,30	56,16	60	38	-	20,5	28	8	21	0,43
40- 5M- 15F	40215040	40	1F	63,66	62,52	71	38	-	20,5	28	8	25	0,52
44- 5M- 15	40215044	44	3	70,03	68,89	-	38	54	20,5	30	8	-	0,23
48- 5M- 15	40215048	48	3	76,39	75,25	-	38	61	20,5	30	8	-	0,29
60- 5M- 15	40215060	60	3	95,49	94,35	-	50	80	20,5	30	8	-	0,30
72- 5M- 15	40215072	72	3	114,59	113,45	-	50	100	20,5	30	8	-	0,59



TYPE 5M 25

PHOSPHATED

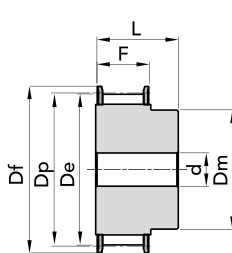
Aluminium pulleys are not phosphated.

Different pitch of teeth available on demand.

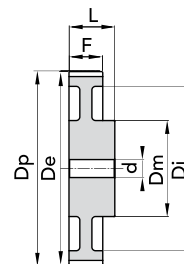
MATERIAL

C45 EN 10083

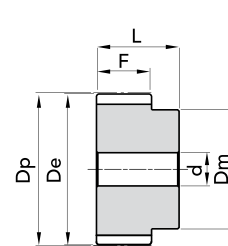
ALUMINIUM G20/25 EN 1561



EXEC. 1F



EXEC. 3



EXEC. 8

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
12- 5M- 25F	40225012	12	1F	19,10	17,96	23	12	-	30,5	36	-	14	0,05
14- 5M- 25F	40225014	14	1F	22,28	21,14	25	13	-	30,5	36	6	2	0,08
15- 5M- 25F	40225015	15	1F	23,87	22,73	28	16	-	30,5	36	6	4	0,09
16- 5M- 25F	40225016	16	1F	25,46	24,32	28	16,5	-	30,5	36	6	4	0,11
18- 5M- 25F	40225018	18	1F	28,65	27,51	32	20	-	30,5	36	6	6	0,13
20- 5M- 25F	40225020	20	1F	31,83	30,69	36	23	-	30,5	36	6	8	0,17
21- 5M- 25F	40225021	21	1F	33,42	32,28	38	24	-	30,5	38	6	9	0,20
22- 5M- 25F	40225022	22	1F	35,01	33,87	39	25,5	-	30,5	38	6	15	0,22
24- 5M- 25F	40225024	24	1F	38,20	37,06	42	27	-	30,5	38	6	13	0,26
26- 5M- 25F	40225026	26	1F	41,38	40,24	44	30	-	30,5	38	6	12	0,32
28- 5M- 25F	40225028	28	1F	44,56	43,42	48	30,5	-	30,5	38	6	11	0,37
30- 5M- 25F	40225030	30	1F	47,75	46,60	51	35	-	30,5	38	6	16	0,42
32- 5M- 25F	40225032	32	1F	50,93	49,79	54	38	-	30,5	38	8	18	0,48
36- 5M- 25F	40225036	36	1F	57,30	56,16	60	38	-	30,5	38	8	21	0,59
40- 5M- 25F	40225040	40	1F	63,66	62,52	71	38	-	30,5	38	8	25	0,75
44- 5M- 25	40225044	44	8	70,03	68,89	-	38	-	30,5	40	8	-	0,32
48- 5M- 25	40225048	48	3	76,39	75,25	-	38	61	30,5	40	8	-	0,28
60- 5M- 25	40225060	60	3	95,49	94,35	-	50	80	30,5	40	8	-	0,44
72- 5M- 25	40225072	72	3	114,59	113,45	-	50	100	30,5	40	8	-	0,85



TYPE 8M 20

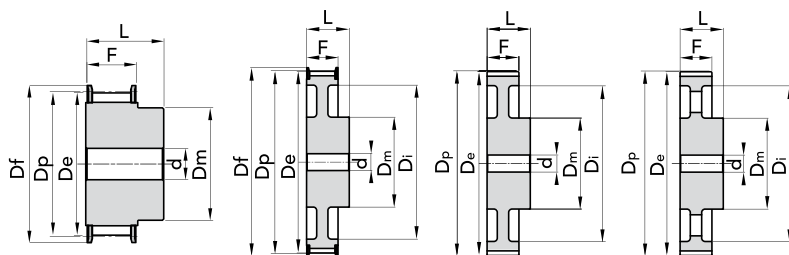
PHOSPHATED

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F

EXEC. 2F

EXEC. 3

EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
22- 8M- 20F	40420022	22	1F	56,02	54,65	60	43	-	28	38	12	53	0,54
24- 8M- 20F	40420024	24	1F	61,12	59,75	66	45	-	28	38	12	69	0,65
26- 8M- 20F	40420026	26	1F	66,21	64,85	70	48	-	28	38	12	61	0,80
28- 8M- 20F	40420028	28	1F	71,30	70,08	75	50	-	28	38	15	79	0,88
30- 8M- 20F	40420030	30	1F	76,39	75,13	82,5	55	-	28	38	15	64	1,00
32- 8M- 20F	40420032	32	1F	81,49	80,16	87	60	-	28	38	15	76	1,20
34- 8M- 20F	40420034	34	1F	86,58	85,22	91	66	-	28	38	15	66	1,40
36- 8M- 20F	40420036	36	1F	91,67	90,30	97	70	-	28	38	15	68	1,60
38- 8M- 20F	40420038	38	1F	96,77	95,39	102	75	-	28	38	15	70	1,70
40- 8M- 20F	40420040	40	1F	101,86	100,49	106	75	-	28	38	15	77	1,85
44- 8M- 20F	40420044	44	1F	112,05	110,67	120	75	-	28	38	15	75	2,10
48- 8M- 20F	40420048	48	1F	122,23	120,86	128	75	-	28	38	15	78	2,50
56- 8M- 20F	40420056	56	2F	142,60	141,23	150	80	116	28	38	15	85	2,82
64- 8M- 20F	40420064	64	2F	162,97	161,60	168	80	137	28	38	15	90	3,22
72- 8M- 20F	40420072	72	2F	183,35	181,97	192	80	158	28	38	15	97	3,74
80- 8M- 20	40420080	80	3	203,72	202,35	-	90	180	28	38	15	-	3,78
90- 8M- 20	40420090	90	4	229,18	227,81	-	90	204	28	38	15	-	4,57
112- 8M- 20	on demand	112	4	285,21	283,83	-	90	254	28	38	18	-	-
144- 8M- 20	40420144	144	4	366,69	365,32	-	90	336	28	38	20	-	5,20
168- 8M- 20	on demand	168	4	427,81	426,44	-	100	400	28	38	20	-	-
192- 8M- 21	on demand	192	4	488,92	487,55	-	100	460	28	38	20	-	-



TYPE 8M 30

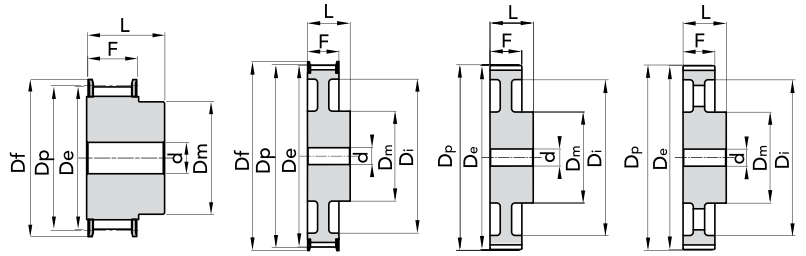
PHOSPHATED

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F

EXEC. 2F

EXEC. 3

EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
22- 8M- 30F	40430022	22	1F	56,02	54,65	60	43	-	38	48	12	53	0,75
24- 8M- 30F	40430024	24	1F	61,12	59,75	66	45	-	38	48	12	69	0,90
26- 8M- 30F	40430026	26	1F	66,21	64,85	70	48	-	38	48	12	61	1,10
28- 8M- 30F	40430028	28	1F	71,30	70,08	75	50	-	38	48	15	79	1,20
30- 8M- 30F	40430030	30	1F	76,39	75,13	82,5	55	-	38	48	15	73	1,32
32- 8M- 30F	40430032	32	1F	81,49	80,16	87	60	-	38	48	15	76	1,55
34- 8M- 30F	40430034	34	1F	86,58	85,22	91	66	-	38	48	15	66	1,80
36- 8M- 30F	40430036	36	1F	91,67	90,30	97	70	-	38	48	15	68	2,10
38- 8M- 30F	40430038	38	1F	96,77	95,39	102	75	-	38	48	15	70	2,30
40- 8M- 30F	40430040	40	1F	101,86	100,49	106	75	-	38	48	15	77	2,47
44- 8M- 30F	40430044	44	1F	112,05	110,67	120	75	-	38	48	15	75	2,95
48- 8M- 30F	40430048	48	1F	122,23	120,86	128	75	-	38	48	15	78	3,30
56- 8M- 30F	40430056	56	2F	142,60	141,23	150	90	116	38	48	15	85	4,02
64- 8M- 30F	40430064	64	2F	162,97	161,60	168	90	137	38	48	15	90	4,60
72- 8M- 30F	40430072	72	2F	183,35	181,97	192	95	158	38	48	15	97	5,41
80- 8M- 30	40430080	80	3	203,72	202,35	-	100	180	38	48	15	-	5,23
90- 8M- 30	40430090	90	3	229,18	227,81	-	100	204	38	48	15	-	6,42
112- 8M- 30	40430112	112	4	285,21	283,83	-	100	254	38	48	18	-	8,12
144- 8M- 30	40430144	144	4	366,69	365,32	-	100	336	38	48	20	-	10,36
168- 8M- 30	40430168	168	4	427,81	426,44	-	100	400	38	48	20	-	12,37
192- 8M- 30	40430192	192	4	488,92	487,55	-	100	460	38	48	20	-	14,31



TYPE 8M 50

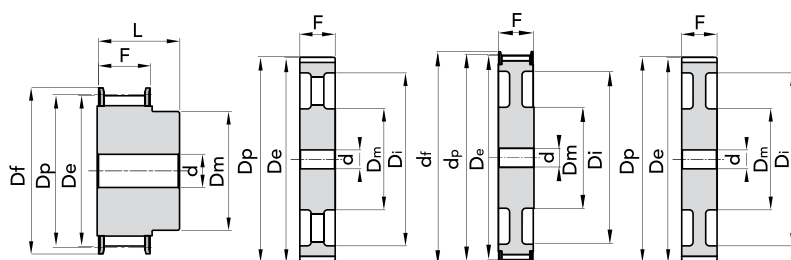
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Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F

EXEC. 5

EXEC. 6F

EXEC. 7

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
22- 8M- 50F	40450022	22	1F	56,02	54,65	60	43	-	60	70	-	53	1,10
24- 8M- 50F	40450024	24	1F	61,12	59,75	66	45	-	60	70	-	69	1,20
26- 8M- 50F	40450026	26	1F	66,21	64,85	70	48	-	60	70	-	61	1,60
28- 8M- 50F	40450028	28	1F	71,30	70,08	75	50	-	60	70	-	79	1,70
30- 8M- 50F	40450030	30	1F	76,39	75,13	82,5	55	-	60	70	-	73	2,00
32- 8M- 50F	40450032	32	1F	81,49	80,16	87	60	-	60	70	-	76	2,35
34- 8M- 50F	40450034	34	1F	86,58	85,22	91	66	-	60	70	-	66	2,80
36- 8M- 50F	40450036	36	1F	91,67	90,30	97	70	-	60	70	-	68	3,10
38- 8M- 50F	40450038	38	1F	96,77	95,39	102	75	-	60	70	-	70	3,30
40- 8M- 50F	40450040	40	1F	101,86	100,49	106	75	-	60	70	-	77	3,60
44- 8M- 50F	40450044	44	1F	112,05	110,67	120	75	-	60	70	-	75	4,40
48- 8M- 50F	40450048	48	1F	122,23	120,86	128	80	-	60	70	-	78	5,00
56- 8M- 50F	40450056	56	6F	142,60	141,23	150	90	116	60	60	18	85	5,68
64- 8M- 50F	40450064	64	6F	162,97	161,60	168	100	137	60	60	18	90	6,93
72- 8M- 50F	40450072	72	6F	183,35	181,97	192	100	158	60	60	18	97	7,95
80- 8M- 50	40450080	80	7	203,72	202,35	-	110	180	60	60	18	-	7,96
90- 8M- 50	40450090	90	5	229,18	227,81	-	110	204	60	60	18	-	9,20
112- 8M- 50	40450112	112	5	285,21	283,83	-	110	254	60	60	18	-	12,16
144- 8M- 50	40450144	144	5	366,69	365,32	-	110	336	60	60	20	-	15,68
168- 8M- 50	40450168	168	5	427,81	426,44	-	120	400	60	60	20	-	18,99
192- 8M- 50	40450192	192	5	488,92	487,55	-	130	460	60	60	20	-	21,09



TYPE 8M 85

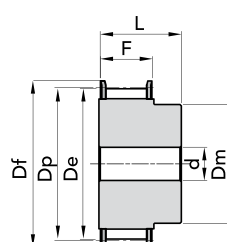
PHOSPHATED

Different pitch of teeth available on demand.

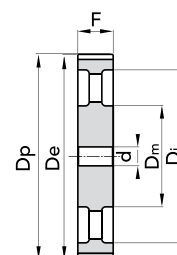
MATERIAL

C45 EN 10083

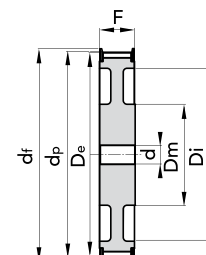
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
22- 8M- 85F	40485022	22	1F	56,02	54,65	60	43	-	95	105	-	53	1,60
24- 8M- 85F	40485024	24	1F	61,12	59,75	66	45	-	95	105	-	69	1,95
26- 8M- 85F	40485026	26	1F	66,21	64,85	70	48	-	95	105	-	61	2,30
28- 8M- 85F	40485028	28	1F	71,30	70,08	75	50	-	95	105	-	79	2,60
30- 8M- 85F	40485030	30	1F	76,39	75,13	82,5	55	-	95	105	-	73	3,10
32- 8M- 85F	40485032	32	1F	81,49	80,16	87	60	-	95	105	-	76	3,70
34- 8M- 85F	40485034	34	1F	86,58	85,22	91	66	-	95	105	-	66	4,00
36- 8M- 85F	40485036	36	1F	91,67	90,30	97	70	-	95	105	-	68	4,70
38- 8M- 85F	40485038	38	1F	96,77	95,39	102	75	-	95	105	-	70	5,10
40- 8M- 85F	40485040	40	1F	101,86	100,49	106	75	-	95	105	-	77	5,40
44- 8M- 85F	40485044	44	1F	112,05	110,67	120	75	-	95	105	-	75	6,70
48- 8M- 85F	40485048	48	1F	122,23	120,86	128	80	-	95	105	-	78	7,20
56- 8M- 85F	40485056	56	1F	142,60	141,23	150	90	-	95	105	20	85	11,48
64- 8M- 85F	40485064	64	6F	162,97	161,60	168	100	137	95	95	20	90	11,02
72- 8M- 85F	40485072	72	6F	183,35	181,97	192	100	158	95	95	20	97	13,45
80- 8M- 85	40485080	80	5	203,72	202,35	-	110	180	95	95	20	-	12,36
90- 8M- 85	40485090	90	5	229,18	227,81	-	110	204	95	95	20	-	14,38
112- 8M- 85	40485112	112	5	285,21	283,83	-	110	254	95	95	24	-	18,66
144- 8M- 85	40485144	144	5	366,69	365,32	-	110	336	95	95	24	-	23,00
168- 8M- 85	on demand	168	5	427,81	426,44	-	120	400	95	95	24	-	-
192- 8M- 85	on demand	192	5	488,92	487,55	-	130	460	95	95	24	-	-



TYPE 14M 40

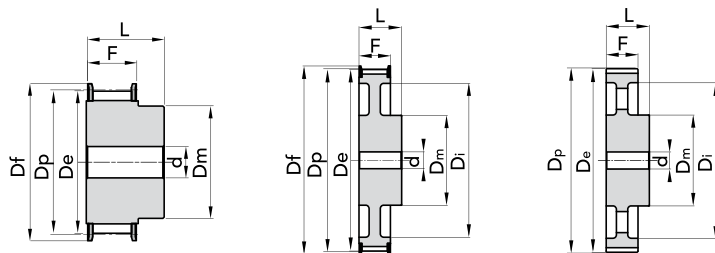
PHOSPHATED

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



EXEC. 1F

EXEC. 2F

EXEC. 4

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
28-14M- 40F	40640028	28	1F	124,78	122,12	128	100	-	54	69	24	153	4,80
29-14M- 40F	40640029	29	1F	129,23	126,57	138	100	-	54	69	24	154	5,20
30-14M- 40F	40640030	30	1F	133,69	130,99	138	100	-	54	69	24	154	5,60
32-14M- 40F	40640032	32	1F	142,60	139,88	154	100	-	54	69	24	160	6,20
34-14M- 40F	40640034	34	1F	151,52	148,79	160	100	-	54	69	24	166	6,90
36-14M- 40F	40640036	36	1F	160,43	157,68	168	100	-	54	69	24	168	7,70
38-14M- 40F	40640038	38	1F	169,34	166,60	183	120	-	54	69	24	172	8,90
40-14M- 40F	40640040	40	1F	178,25	175,49	188	120	-	54	69	24	162	9,80
44-14M- 40F	40640044	44	1F	196,08	193,28	211	120	-	54	69	24	175	12,00
48-14M- 40F	40640048	48	2F	213,90	211,11	226	135	170	54	69	24	180	11,98
56-14M- 40F	40640056	56	2F	249,55	246,76	256	135	207	54	69	28	182	14,01
64-14M- 40F	40640064	64	2F	285,21	282,41	296	135	240	54	69	28	184	16,65
72-14M- 40	40640072	72	4	320,86	318,06	-	135	278	54	69	28	-	15,52
80-14M- 40	40640080	80	4	356,51	353,71	-	135	314	54	69	28	-	17,23
90-14M- 40	40640090	90	4	401,07	398,28	-	135	358	54	69	28	-	19,40
112-14M- 40	40640112	112	4	499,11	496,32	-	135	456	54	69	28	-	24,14
144-14M-40	on demand	144	4	641,71	638,92	-	135	600	54	69	28	-	-
168-14M-40	on demand	168	4	748,66	745,87	-	135	706	54	69	28	-	-
192-14M-40	on demand	192	4	855,62	852,82	-	135	813	54	69	28	-	-
216-14M-40	on demand	216	4	962,57	959,76	-	150	920	54	69	28	-	-



TYPE 14M 55

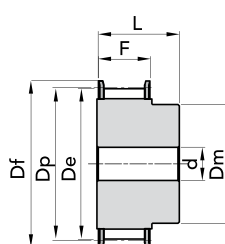
PHOSPHATED

Different pitch of teeth available on demand.

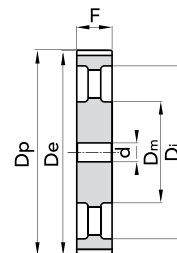
MATERIAL

C45 EN 10083

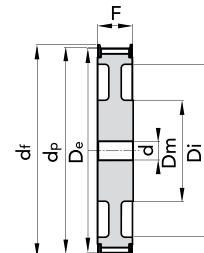
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
28-14M- 55F	40655028	28	1F	124,78	122,12	128	100	-	70	85	24	153	5,70
29-14M- 55F	40655029	29	1F	129,23	126,57	138	100	-	70	85	24	154	6,40
30-14M- 55F	40655030	30	1F	133,69	130,99	138	100	-	70	85	24	154	7,10
32-14M- 55F	40655032	32	1F	142,60	139,88	154	100	-	70	85	24	160	7,90
34-14M- 55F	40655034	34	1F	151,52	148,79	160	100	-	70	85	24	166	9,33
36-14M- 55F	40655036	36	1F	160,43	157,68	168	100	-	70	85	24	168	10,49
38-14M- 55F	40655038	38	1F	169,34	166,60	183	120	-	70	85	24	172	12,11
39- 14M- 55F													
40-14M- 55F	40655040	40	1F	178,25	175,49	188	120	-	70	85	24	162	13,00
44-14M- 55F	40655044	44	1F	196,08	193,28	211	120	-	70	85	24	175	16,12
48-14M- 55F	40655048	48	6F	213,90	211,11	226	135	170	70	70	24	180	13,50
56-14M- 55F	40655056	56	6F	249,55	246,76	256	135	207	70	70	28	182	15,78
64-14M- 55F	40655064	64	6F	285,21	282,41	296	135	240	70	70	28	184	19,04
72-14M- 55	40655072	72	5	320,86	318,06	-	135	278	70	70	28	-	18,41
80-14M- 55	40655080	80	5	356,51	353,71	-	135	314	70	70	28	-	20,27
90-14M- 55	40655090	90	5	401,07	398,28	-	135	358	70	70	28	-	22,98
112-14M- 55	40655112	112	5	499,11	496,32	-	135	456	70	70	28	-	29,29
144-14M- 55	40655144	144	5	641,71	638,92	-	135	600	70	70	28	-	36,00
168-14M- 55	40655168	168	5	748,66	745,87	-	135	706	70	70	28	-	40,00
192-14M- 55	40655192	192	5	855,62	852,82	-	135	813	70	70	28	-	47,50
216-14M- 55	on demand	216	5	962,57	959,76	-	150	920	70	70	28	-	-



TYPE 14M 85

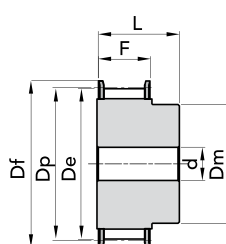
PHOSPHATED

Different pitch of teeth available on demand.

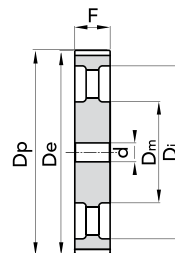
MATERIAL

C45 EN 10083

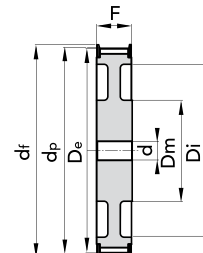
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
28-14M- 85F	40685028	28	1F	124,78	122,12	128	100	-	102	117	-	153	8,77
29-14M- 85F	on demand	29	1F	129,23	126,57	138	100	-	102	117	-	154	-
30-14M- 85F	40685030	30	1F	133,69	130,99	138	100	-	102	117	-	154	9,45
32-14M- 85F	40685032	32	1F	142,60	139,88	154	100	-	102	117	-	160	10,13
34-14M- 85F	40685034	34	1F	151,52	148,79	160	100	-	102	117	-	166	11,65
36-14M- 85F	40685036	36	1F	160,43	157,68	168	100	-	102	117	-	168	14,48
38-14M- 85F	40685038	38	1F	169,34	166,60	183	120	-	102	117	-	172	16,62
40-14M- 85F	40685040	40	1F	178,25	175,49	188	135	-	102	117	-	162	18,84
44-14M- 85F	40685044	44	1F	196,08	193,28	211	135	-	102	117	-	175	23,00
48-14M- 85F	40685048	48	1F	213,90	211,11	226	150	-	102	117	-	180	27,58
56-14M- 85F	40685056	56	6F	249,55	246,76	256	150	207	102	102	32	182	24,19
64-14M- 85F	40685064	64	6F	285,21	282,41	296	150	240	102	102	32	184	28,57
72-14M- 85	40685072	72	5	320,86	318,06	-	150	278	102	102	32	-	28,26
80-14M- 85	40685080	80	5	356,51	353,71	-	150	314	102	102	32	-	31,00
90-14M- 85	40685090	90	5	401,07	398,28	-	150	358	102	102	32	-	35,00
112-14M- 85	40685112	112	5	499,11	496,32	-	150	456	102	102	32	-	43,50
144-14M- 85	40685144	144	5	641,71	638,92	-	150	600	102	102	32	-	50,00
168-14M- 85	40685168	168	5	748,66	745,87	-	150	706	102	102	32	-	63,00
192-14M- 85	40685192	192	5	855,62	852,82	-	165	813	102	102	32	-	76,00
216-14M- 85	on demand	216	5	962,57	959,76	-	165	920	102	102	32	-	-
216-14M-40	on demand	216	5	962,57	959,76	-	150	920	54	69	28	-	-





TYPE 14M 115

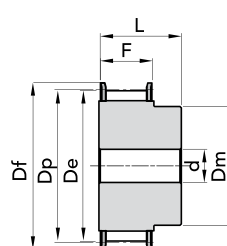
PHOSPHATED

Different pitch of teeth available on demand.

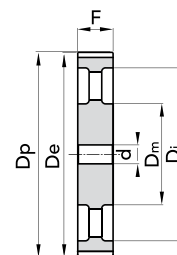
MATERIAL

C45 EN 10083

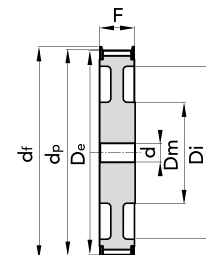
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 5



EXEC. 6F

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
28-14M- 115F	40690028	28	1F	124,78	122,12	128	100	-	133	148	-	153	11,00
29-14M- 115F	on demand	29	1F	129,23	126,57	138	100	-	133	148	-	154	-
30-14M- 115F	40690030	30	1F	133,69	130,99	138	100	-	133	148	-	154	12,52
32-14M- 115F	40690032	32	1F	142,60	139,88	154	100	-	133	148	-	160	14,48
34-14M- 115F	40690034	34	1F	151,52	148,79	160	100	-	133	148	-	166	16,45
36-14M- 115F	40690036	36	1F	160,43	157,68	168	120	-	133	148	-	168	18,99
38-14M- 115F	40690038	38	1F	169,34	166,60	183	120	-	133	148	-	172	21,31
40-14M- 115F	40690040	40	1F	178,25	175,49	188	135	-	133	148	-	162	24,04
44-14M- 115F	40690044	44	1F	196,08	193,28	211	140	-	133	148	-	175	29,00
48-14M- 115F	40690048	48	1F	213,90	211,11	226	150	-	133	148	-	180	35,00
56-14M- 115F	40690056	56	1F	249,55	246,76	256	150	-	133	148	32	182	48,00
64-14M- 115F	40690064	64	6F	285,21	282,41	296	150	240	133	133	32	184	36,00
72-14M- 115	40690072	72	5	320,86	318,06	-	150	278	133	133	32	-	36,00
80-14M- 115	40690080	80	5	356,51	353,71	-	150	314	133	133	32	-	40,00
90-14M- 115	40690090	90	5	401,07	398,28	-	150	358	133	133	32	-	45,00
112-14M- 115	40690112	112	5	499,11	496,32	-	150	456	133	133	32	-	55,50
144-14M- 115	40690144	144	5	641,71	638,92	-	165	600	133	133	32	-	71,00
168-14M- 115	40690168	168	5	748,66	745,87	-	165	706	133	133	32	-	83,00
192-14M- 115	40690192	192	5	855,62	852,82	-	165	813	133	133	32	-	96,00
216-14M- 115	on demand	216	5	962,57	959,76	-	165	920	133	133	32	-	-



TYPE 14M 170

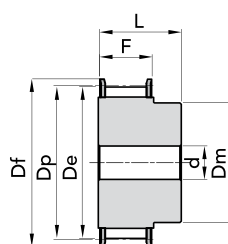
PHOSPHATED

Different pitch of teeth available on demand.

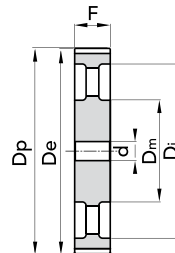
MATERIAL

C45 EN 10083

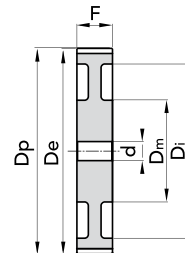
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 5



EXEC. 7

TYPE	CODE	N. TEETH	EXEC.	d _p	d _e	d _f FLANGE	D _m HUB	D _i	F	L	d Ø Bore	N. FLANGE	Kg
28-14M- 170F	40692028	28	1F	124,78	122,12	128	100	-	187	202	-	153	14,79
29-14M- 170F	on demand	29	1F	129,23	126,57	138	100	-	187	202	-	154	-
30-14M- 170F	40692030	30	1F	133,69	130,99	138	100	-	187	202	-	154	17,24
32-14M- 170F	40692032	32	1F	142,60	139,88	154	100	-	187	202	-	160	19,92
34-14M- 170F	40692034	34	1F	151,52	148,79	160	100	-	187	202	-	166	22,72
36-14M- 170F	40692036	36	1F	160,43	157,68	168	120	-	187	202	-	168	26,07
38-14M- 170F	40692038	38	1F	169,34	166,60	183	135	-	187	202	-	172	29,71
40-14M- 170F	40692040	40	1F	178,25	175,49	188	140	-	187	202	-	162	33,50
44-14M- 170F	on demand	44	1F	196,08	193,28	211	160	-	187	202	-	175	-
48-14M- 170F	on demand	48	1F	213,90	211,11	226	160	-	187	202	-	180	-
56-14M- 170F	on demand	56	1F	249,55	246,76	256	160	-	187	202	-	182	-
64-14M- 170F	on demand	64	1F	285,21	282,41	296	180	-	187	202	-	184	-
72-14M- 170	on demand	72	7	320,86	318,06	-	180	278	187	187	32	-	-
80-14M- 170	40692080	80	7	356,51	353,71	-	180	314	187	187	32	-	71,00
90-14M- 170	40692090	90	5	401,07	398,28	-	180	358	187	187	38	-	73,00
112-14M- 170	40692112	112	5	499,11	496,32	-	200	456	187	187	38	-	95,00
144-14M- 170	40692144	144	5	641,71	638,92	-	220	600	187	187	38	-	114,00
168-14M- 170	40692168	168	5	748,66	745,87	-	220	706	187	187	38	-	142,00
192-14M- 170	on demand	192	5	855,61	852,82	-	220	813	187	187	38	-	-
216-14M- 170	on demand	216	5	962,57	959,76	-	220	920	187	187	38	-	-



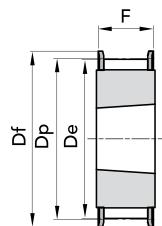


TYPE 5M 15

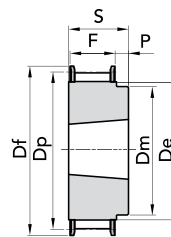
Different pitch of teeth available on demand.

MATERIAL

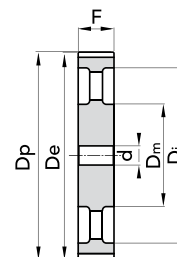
C45 EN 10083



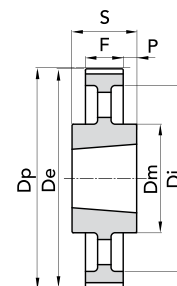
EXEC. 1F



EXEC. 5F



EXEC. 5



EXEC. 13

TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 34- 5M- 15	41215034	34	1F	1008	25	54,11	52,97	57	-	-	22	22	-	20	0,20
TL 36- 5M- 15	41215036	36	1F	1108	25	57,30	56,15	60	-	-	22	22	-	21	0,25
TL 38- 5M- 15	41215038	38	1F	1108	25	60,48	59,34	66,5	-	-	22	22	-	24	0,30
TL 40- 5M- 15	41215040	40	1F	1108	25	63,66	62,52	71	-	-	22	22	-	25	0,35
TL 44- 5M- 15	41215044	44	1F	1108	25	70,03	68,89	75	-	-	22	22	-	27	0,40
TL 48- 5M- 15	41215048	48	5F	1210	32	76,39	75,25	83	59	-	22	25	3	29	0,46
TL 56- 5M- 15	41215056	56	5F	1210	32	89,13	87,98	93	70	-	22	25	3	33	0,60
TL 64- 5M- 15	41215064	64	5F	1210	32	101,86	100,72	106	80	-	22	25	3	38	0,80
TL 72- 5M- 15	41215072	72	5	1610	42	114,59	113,45	-	92	-	22	25	3	-	1,20
TL 80- 5M- 15	41215080	80	5	1610	42	127,32	126,18	-	92	-	22	25	3	-	1,76
TL 90- 5M- 15	41215090	90	5	1610	42	143,24	142,10	-	92	-	22	25	3	-	2,32
TL 112- 5M- 15	41215112	112	5	2012	50	178,25	177,11	-	110	-	20	32	12	-	3,72
TL 136- 5M- 15	41215136	136	13	2012	50	216,45	215,31	-	110	199	20	32	6	-	3,82



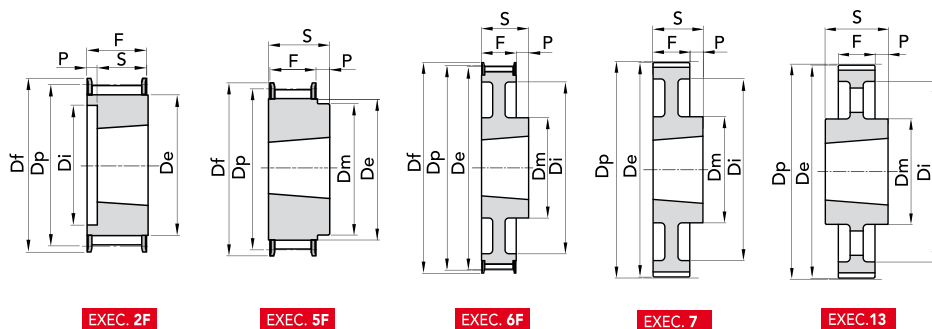
TYPE 8M 20

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561

**EXEC. 2F****EXEC. 5F****EXEC. 6F****EXEC. 7****EXEC. 13**

TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 22- 8M- 20	41420022	22	2F	1008	25	56,02	54,65	60	-	37	28	22	6	53	0,25
TL 24- 8M- 20	41420024	24	2F	1108	28	61,12	59,75	66	-	44	28	22	6	69	0,30
TL 26- 8M- 20	41420026	26	2F	1108	28	66,21	64,85	70	-	45	28	22	6	61	0,36
TL 28- 8M- 20	41420028	28	2F	1108	28	71,30	70,08	75	-	50	28	22	6	79	0,45
TL 30- 8M- 20	41420030	30	2F	1108	28	76,39	75,13	82,5	-	58	28	22	6	73	0,55
TL 32- 8M- 20	41420032	32	2F	1610	42	81,49	80,16	87	-	63	28	25	3	76	0,43
TL 34- 8M- 20	41420034	34	2F	1610	42	86,58	85,22	91	-	64	28	25	3	66	0,57
TL 36- 8M- 20	41420036	36	2F	1610	42	91,67	90,30	97	-	68	28	25	3	68	0,70
TL 38- 8M- 20	41420038	38	2F	1610	42	96,77	95,39	102	-	72	28	25	3	70	0,82
TL 40- 8M- 20	41420040	40	2F	1610	42	101,86	100,49	106	-	76	28	25	3	77	1,10
TL 44- 8M- 20	41420044	44	5F	2012	50	112,05	110,67	120	92	-	28	32	4	75	1,20
TL 48- 8M- 20	41420048	48	5F	2012	50	122,23	120,86	128	96	-	28	32	4	78	1,65
TL 56- 8M- 20	41420056	56	5F	2012	50	142,60	141,23	150	110	-	28	32	4	85	2,50
TL 64- 8M- 20	41420064	64	6F	2012	50	162,97	161,60	168	110	137	28	32	4	90	2,60
TL 72- 8M- 20	41420072	72	6F	2012	50	183,35	181,97	192	110	158	28	32	4	97	3,40
TL 80- 8M- 20	41420080	80	7	2012	50	203,72	202,35	-	110	180	28	32	4	-	3,60
TL 90- 8M- 20	41420090	90	7	2012	50	229,18	227,81	-	110	204	28	32	4	-	4,10
TL 112- 8M- 20	41420112	112	7	2517	65	285,21	283,83	-	125	254	28	45	17	-	4,57
TL 144- 8M- 20	41420144	144	13	2517	65	366,69	365,32	-	125	336	28	45	12	-	5,00





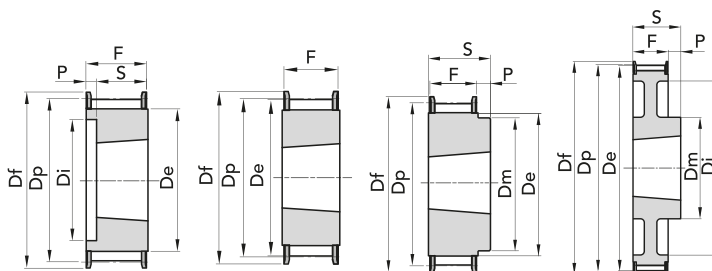
TYPE 8M 30

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



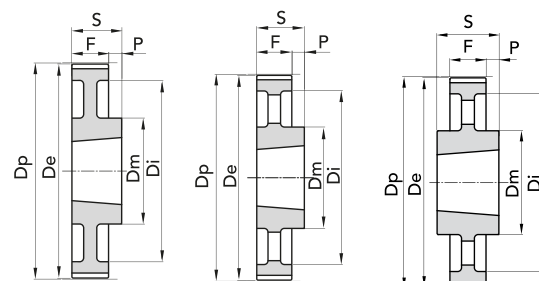
EXEC. 2F

EXEC. 1F

EXEC. 5F

EXEC. 6F

TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 22- 8M- 30	41430022	22	2F	1008	25	56,02	54,65	60	-	37	38	22	16	53	0,33
TL 24- 8M- 30	41430024	24	2F	1108	28	61,12	59,75	66	-	44	38	22	16	69	0,40
TL 26- 8M- 30	41430026	26	2F	1108	28	66,21	64,85	70	-	44	38	22	16	61	0,45
TL 28- 8M- 30	41430028	28	2F	1210	32	71,30	70,08	75	-	50	38	25	13	79	0,50
TL 30- 8M- 30	41430030	30	1F	1615	42	76,39	75,13	82,5	-	-	38	38	-	73	0,55
TL 32- 8M- 30	41430032	32	1F	1615	42	81,49	80,16	87	-	-	38	38	-	76	0,60
TL 34- 8M- 30	41430034	34	1F	1615	42	86,58	85,22	91	-	-	38	38	-	66	0,80
TL 36- 8M- 30	41430036	36	1F	1615	42	91,57	90,30	97	-	-	38	38	-	68	1,00
TL 38- 8M- 30	41430038	38	1F	1615	42	96,77	95,39	102	-	-	38	38	-	70	1,10
TL 40- 8M- 30	41430040	40	1F	1615	42	101,86	100,49	106	-	-	38	38	-	77	1,34
TL 44- 8M- 30	41430044	44	2F	2012	50	112,05	110,67	120	-	86	38	32	6	75	1,30
TL 48- 8M- 30	41430048	48	2F	2012	50	122,23	120,86	128	-	90	38	32	6	78	1,80
TL 56- 8M- 30	41430056	56	2F	2012	50	142,60	141,23	150	-	110	38	32	6	85	3,80
TL 64- 8M- 30	41430064	64	5F	2517	65	162,97	161,60	168	125	-	38	45	7	90	4,30
TL 72- 8M- 30	41430072	72	6F	2517	65	183,35	181,97	192	125	158	38	45	7	97	4,40
TL 80- 8M- 30	41430080	80	7	2517	65	203,72	202,35	-	125	180	38	45	7	-	4,65
TL 90- 8M- 30	41430090	90	7	2517	65	229,18	227,81	-	125	204	38	45	7	-	5,80
TL 112- 8M- 30	41430112	112	7	2517	65	285,21	283,83	-	125	254	38	45	7	-	6,20
TL 144- 8M- 30	41430144	144	8	2517	65	366,69	365,32	-	125	336	38	45	7	-	9,00
TL 168- 8M- 30	41430168	168	8	2517	65	427,81	426,44	-	125	395	38	45	7	-	11,80
TL 192- 8M- 30	41430192	192	13	3525	65	488,92	487,55	-	198	455	38	65	13,5	-	14,00



EXEC. 7

EXEC. 8

EXEC. 13



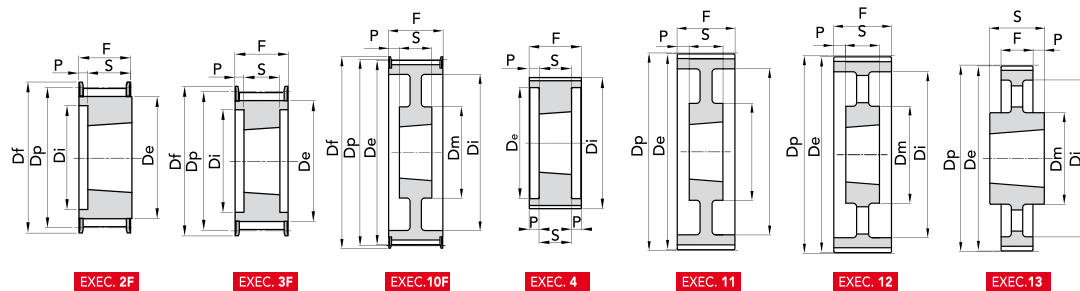
TYPE 8M 50

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 28- 8M- 50	41450028	28	2F	1210	32	71,30	70,08	75	-	50	60	25	35	79	0,60
TL 30- 8M- 50	41450030	30	2F	1615	42	76,39	75,13	82,5	-	58	60	38	22	73	0,65
TL 32- 8M- 50	41450032	32	2F	1615	42	81,49	80,16	87	-	63	60	38	22	76	0,80
TL 34- 8M- 50	41450034	34	2F	1615	42	86,58	85,22	91	-	65	60	38	22	66	1,08
TL 36- 8M- 50	41450036	36	2F	1615	42	91,67	90,30	97	-	68	60	38	22	68	1,35
TL 38- 8M- 50	41450038	38	2F	1615	42	96,77	95,39	102	-	72	60	38	22	70	1,65
TL 40- 8M- 50	41450040	40	3F	2012	50	101,86	100,49	106	-	80	60	32	14	77	1,70
TL 44- 8M- 50	41450044	44	3F	2012	50	112,05	110,67	120	-	86	60	32	14	75	1,80
TL 48- 8M- 50	41450048	48	3F	2012	50	122,23	120,86	128	-	95	60	32	14	78	2,35
TL 56- 8M- 50	41450056	56	3F	2517	65	142,60	141,23	150	-	116	60	45	7,5	85	3,35
TL 64- 8M- 50	41450064	64	3F	2517	65	162,97	161,60	168	-	136	60	45	7,5	90	4,90
TL 72- 8M- 50	41450072	72	10F	2517	65	183,35	181,97	192	125	158	60	45	7,5	97	6,90
TL 80- 8M- 50	41450080	80	4	3020	75	203,72	202,30	-	-	180	60	51	4,5	-	8,90
TL 90- 8M- 50	41450090	90	11	3020	75	229,18	227,81	-	160	204	60	51	4,5	-	9,90
TL 112- 8M- 50	41450112	112	12	3020	75	285,21	283,83	-	170	254	60	51	4,5	-	12,10
TL 144- 8M- 50	41450144	144	12	3020	75	366,69	365,32	-	170	336	60	51	4,5	-	15,40
TL 168- 8M- 50	41450168	168	13	3525	90	427,81	426,44	-	198	395	60	65	2,5	-	22,80
TL 192- 8M- 50	41450192	192	13	3525	90	488,92	487,55	-	198	455	60	65	2,5	-	26,50





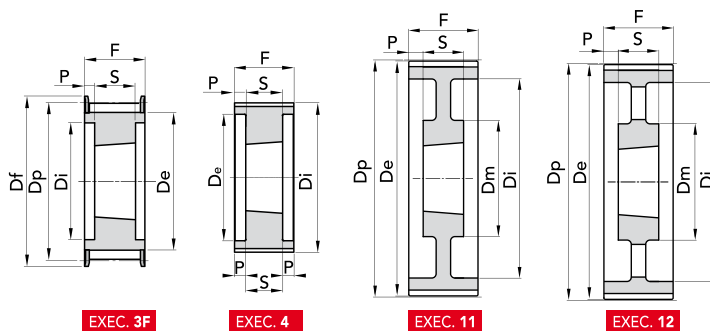
TYPE 8M 85

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	Dm HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 34- 8M- 85	41485034	34	3F	1615	42	86,58	85,22	91	-	65	95	38	28,5	66	1,50
TL 36- 8M- 85	41485036	36	3F	1615	42	91,67	90,30	97	-	68	95	38	28,5	68	1,90
TL 38- 8M- 85	41485038	38	3F	1615	42	96,77	95,39	102	-	72	95	38	28,5	70	2,20
TL 40- 8M- 85	41485040	40	3F	2012	50	101,86	100,49	106	-	80	95	32	31,5	77	1,90
TL 44- 8M- 85	41485044	44	3F	2012	50	112,05	110,67	120	-	86	95	32	31,5	75	2,30
TL 48- 8M- 85	41485048	48	3F	2517	65	122,23	120,86	128	-	97	95	45	25	78	2,70
TL 56- 8M- 85	41485056	56	3F	2517	65	142,60	141,23	150	-	116	95	45	25	85	4,50
TL 64- 8M- 85	41485064	64	3F	2517	65	162,97	161,60	168	-	136	95	45	25	90	6,30
TL 72- 8M- 85	41485072	72	3F	3020	75	183,35	181,97	192	-	150	95	51	22	97	8,10
TL 80- 8M- 85	41485080	80	4	3020	75	203,72	202,35	-	-	180	95	51	22	-	10,20
TL 90- 8M- 85	41485090	90	4	3020	75	229,18	227,81	-	-	204	95	51	22	-	11,20
TL 112- 8M- 85	41485112	112	11	3020	75	285,21	283,83	-	170	254	95	51	22	-	15,00
TL 144- 8M- 85	41485144	144	11	3525	90	366,69	365,32	-	198	336	95	65	15	-	20,20
TL 168- 8M- 85	41485168	168	12	3525	90	427,81	426,44	-	198	395	95	65	15	-	22,40
TL 192- 8M- 85	41485192	192	12	3525	90	488,92	487,55	-	198	455	95	65	15	-	28,20



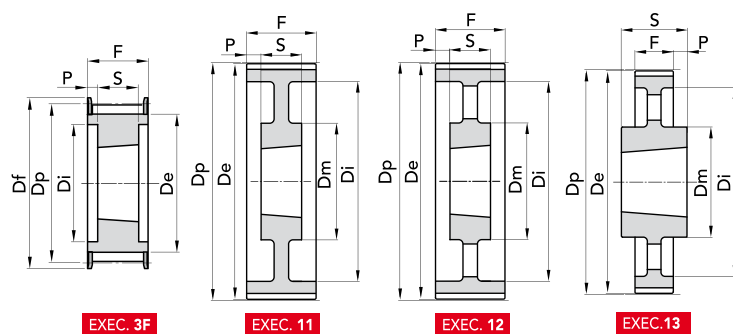
TYPE 14M 40

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	Dm HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 28-14M- 40	41640028	28	3F	2012	50	124,78	122,12	128	-	94	54	32	11	153	2,10
TL 29-14M- 40	41640029	29	3F	2012	50	129,23	126,57	138	-	96	54	32	11	154	2,40
TL 30-14M- 40	41640030	30	3F	2012	50	133,69	139,99	138	-	98	54	32	11	154	2,70
TL 32-14M- 40	41640032	32	3F	2012	50	142,60	139,88	154	-	108	54	32	11	160	3,40
TL 34-14M- 40	41640034	34	3F	2517	65	151,52	148,79	160	-	110	54	45	4,5	166	3,90
TL 36-14M- 40	41640036	36	3F	2517	65	160,43	157,68	168	-	120	54	45	4,5	168	4,80
TL 38-14M- 40	41640038	38	3F	2517	65	169,34	166,60	183	-	130	54	45	4,5	172	5,40
TL 40-14M- 40	41640040	40	3F	2517	65	178,25	175,49	188	-	138	54	45	4,5	162	6,00
TL 42-14M- 40	41640042	42	3F	3020	75	187,16	184,37	200	-	147	54	51	1,5	SP	7,50
TL 44-14M- 40	41640044	44	3F	3020	75	196,08	193,28	211	-	155	54	51	1,5	175	9,00
TL 48-14M- 40	41640048	48	3F	3020	75	213,90	211,11	226	-	170	54	51	1,5	180	10,10
TL 56-14M- 40	41640056	56	3F	3020	75	249,55	246,76	256	-	208	54	51	1,5	182	13,40
TL 72-14M- 40	41640072	72	11	3020	75	320,86	318,06	-	170	280	54	51	1,5	-	15,00
TL 80-14M- 40	41640080	80	12	3020	75	356,51	353,71	-	170	315	54	51	1,5	-	16,00
TL 90-14M- 40	41640090	90	12	3020	75	401,70	398,28	-	170	360	54	51	1,5	-	18,00
TL 112-14M- 40	41640112	112	12	3020	75	499,11	496,32	-	170	457	54	51	1,5	-	25,50
TL 144-14M- 40	41640144	144	12	3020	75	641,71	638,92	-	170	600	54	51	1,5	-	32,00
TL 168-14M- 40	41640168	168	12	3020	75	748,66	745,87	-	170	706	54	51	1,5	-	53,60
TL 192-14M- 40	41640192	192	12	3020	75	855,62	852,82	-	170	813	54	51	1,5	-	65,40
TL 216-14M- 40	41640216	216	12	3020	75	962,57	959,76	-	170	920	54	51	1,5	-	87,30
TL 264-14M- 40	41640264	264	13	4040	110	1176,47	1173,66	-	230	1133	54	102	24	-	131,0



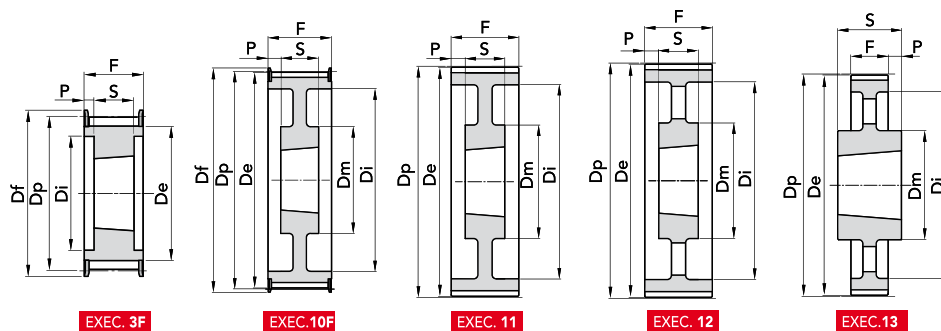
TYPE 14M 55

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 28-14M- 55	41655028	28	3F	2012	50	124,78	122,12	128	-	94	70	32	19	153	2,20
TL 29-14M- 55	41655029	29	3F	2012	50	129,23	126,57	138	-	100	70	32,0	19	154	2,50
TL 30-14M- 55	41655030	30	3F	2517	65	133,69	130,99	138	-	100	70	45	12,5	154	2,70
TL 32-14M- 55	41655032	32	3F	2517	65	142,60	139,88	154	-	108	70	45	12,5	160	3,60
TL 34-14M- 55	41655034	34	3F	2517	65	151,52	148,79	160	-	110	70	45	12,5	166	4,50
TL 36-14M- 55	41655036	36	3F	2517	65	160,43	157,68	168	-	120	70	45	12,5	168	5,20
TL 38-14M- 55	41655038	38	3F	2517	65	169,34	166,60	183	-	130	70	45	12,5	172	6,20
TL 40-14M- 55	41655040	40	3F	2517	65	178,25	175,49	188	-	138	70	45	12,5	162	7,00
TL 42-14M- 55	41655042	42	3F	3020	75	187,16	184,37	200	-	147	70	51	9,5	SP	8,00
TL 44-14M- 55	41655044	44	3F	3020	75	196,08	193,28	211	-	155	70	51	9,5	175	8,60
TL 48-14M- 55	41655048	48	3F	3020	75	213,90	211,11	226	-	170	70	51	9,5	180	11,00
TL 56-14M- 55	41655056	56	3F	3020	75	249,55	246,76	256	-	208	70	51	9,5	182	13,50
TL 64-14M- 55	41655064	64	10F	3020	75	285,21	282,41	296	170	240	70	51	9,5	184	14,50
TL 72-14M- 55	41655072	72	11	3020	75	320,86	318,06	-	170	280	70	51	9,5	-	16,30
TL 80-14M- 55	41655080	80	12	3020	75	356,51	353,71	-	170	315	70	51	9,5	-	17,50
TL 90-14M- 55	41655090	90	12	3020	75	401,07	398,28	-	170	360	70	51	9,5	-	20,00
TL 112-14M- 55	41655112	112	12	3020	75	499,11	496,32	-	170	457	70	51	9,5	-	28,20
TL 144-14M- 55	41655144	144	12	3020	75	641,71	638,92	-	170	600	70	51	9,5	-	36,00
TL 168-14M- 55	41655168	168	12	3020	75	748,66	745,87	-	170	706	70	51	9,5	-	48,50
TL 192-14M- 55	41655192	192	12	3020	75	855,62	852,82	-	170	813	70	51	9,5	-	52,00
TL 216-14M- 55	41655216	216	13	3535	90	962,57	959,76	-	190	920	70	89	9,5	-	59,00
TL 264-14M- 55	41655264	264	13	4040	110	1176,47	1173,66	-	230	1133	70	102	16	-	97,50



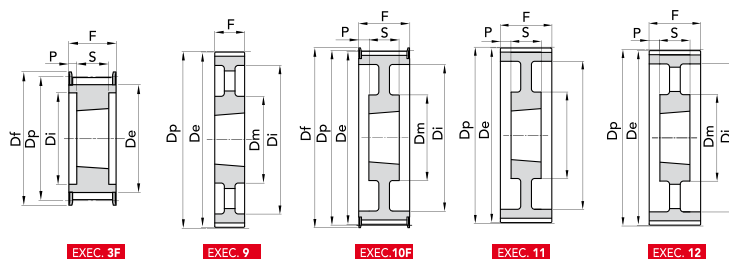
TYPE 14M 85

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	Dm HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 28-14M- 85	41685028	28	3F	2517	65	124,78	122,12	128	-	98	102	45	28,5	153	2,70
TL 29-14M- 85	41685029	29	3F	2517	65	129,23	126,57	138	-	100	102	45	28,5	154	3,50
TL 30-14M- 85	41685030	30	3F	2517	65	133,69	130,99	138	-	100	102	45	28,5	154	3,80
TL 32-14M- 85	41685032	32	3F	2517	65	142,60	139,88	154	-	108	102	45	28,5	160	4,70
TL 34-14M- 85	41685034	34	3F	2517	65	151,52	148,79	160	-	110	102	45	28,5	166	6,00
TL 36-14M- 85	41685036	36	3F	3020	75	160,43	157,68	168	-	125	102	51	25,5	168	5,70
TL 38-14M- 85	41685038	38	3F	3020	75	169,34	166,60	183	-	130	102	51	25,5	172	6,80
TL 40-14M- 85	41685040	40	3F	3020	75	178,25	175,49	188	-	138	102	51	25,5	162	8,00
TL 44-14M- 85	41685044	44	3F	3020	75	196,08	193,28	211	-	153	102	51	25,5	175	11,70
TL 48-14M- 85	41685048	48	3F	3020	75	213,90	211,11	226	-	171	102	51	25,5	180	15,00
TL 56-14M- 85	41685056	56	3F	3525	90	249,55	246,76	256	-	210	102	65	18,5	182	19,00
TL 64-14M- 85	41685064	64	10F	3525	90	285,21	282,41	296	190	240	102	65	18,5	184	24,00
TL 72-14M- 85	41685072	72	11	3525	90	320,86	318,06	-	190	280	102	65	18,5	-	25,00
TL 80-14M- 85	41685080	80	12	3525	90	356,51	353,71	-	190	315	102	65	18,5	-	26,00
TL 90-14M- 85	41685090	90	12	3525	90	401,70	398,28	-	190	360	102	65	18,5	-	28,00
TL 112-14M- 85	41685112	112	12	3525	90	499,11	496,32	-	190	457	102	65	18,5	-	36,00
TL 144-14M- 85	41685144	144	12	3525	90	641,71	638,92	-	190	600	102	65	18,5	-	48,00
TL 168-14M- 85	41685168	168	12	3525	90	748,66	745,87	-	190	706	102	65	18,5	-	60,00
TL 192-14M- 85	41685192	192	9	4040	110	855,62	852,82	-	230	813	102	102	-	-	85,00
TL 216-14M- 85	41685216	216	9	4040	110	962,57	959,76	-	230	920	102	102	-	-	101,50
TL 264-14M- 85	41685264	264	9	4040	110	1176,47	1173,66	-	230	1133	102	102	-	-	138,00



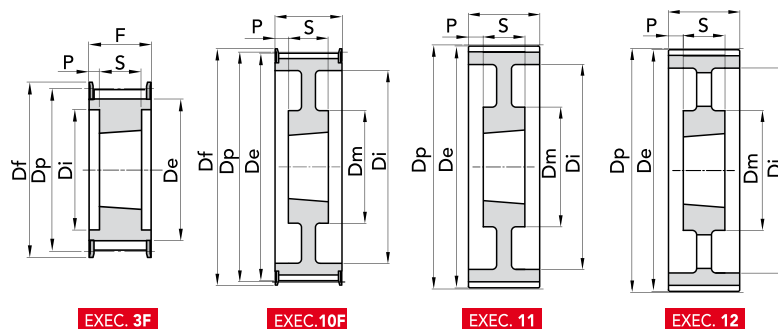
TYPE 14M 115

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
TL 28-14M-115	41690028	28	3F	2517	65	124,78	122,12	128	-	98	133	45	44	153	3,80
TL 29-14M-115	on demand	29	3F	2517	65	129,23	126,57	138	-	100	133	45	44	154	-
TL 30-14M-115	41690030	30	3F	2517	65	133,69	130,99	138	-	100	133	45	44	154	5,00
TL 32-14M-115	41690032	32	3F	2517	65	142,60	139,88	154	-	108	133	45	44	160	6,80
TL 34-14M-115	41690034	34	3F	2517	65	151,52	148,79	160	-	110	133	45	44	166	6,90
TL 36-14M-115	41690036	36	3F	3020	75	160,43	157,68	168	-	125	133	51	41	168	7,00
TL 38-14M-115	41690038	38	3F	3020	75	169,34	166,60	183	-	130	133	51	41	172	8,50
TL 40-14M-115	41690040	40	3F	3020	75	178,25	175,49	188	-	138	133	51	41	162	9,10
TL 44-14M-115	41690044	44	3F	3030	75	196,08	193,28	211	-	155	133	76	28,5	175	13,00
TL 48-14M-115	41690048	48	3F	3030	75	213,90	211,11	226	-	170	133	76	28,5	180	16,00
TL 56-14M-115	41690056	56	3F	3535	90	249,55	246,76	256	-	210	133	89	22	182	24,00
TL 64-14M-115	41690064	64	10F	3535	90	285,21	282,41	296	190	240	133	89	22	184	32,00
TL 72-14M-115	41690072	72	11	3535	90	320,86	318,06	-	190	280	133	89	22	-	31,00
TL 80-14M-115	41690080	80	12	3535	90	356,51	353,71	-	190	315	133	89	22	-	32,00
TL 90-14M-115	41690090	90	12	3535	90	401,07	398,28	-	190	360	133	89	22	-	37,00
TL 112-14M-115	41690112	112	12	3535	90	499,11	496,32	-	190	457	133	89	22	-	45,00
TL 144-14M-115	41690144	144	12	4040	110	641,71	638,92	-	230	600	133	102	15,5	-	63,00
TL 168-14M-115	41690168	168	12	4040	110	748,66	745,87	-	230	706	133	102	15,5	-	77,50
TL 192-14M-115	41690192	192	12	4040	110	855,62	852,82	-	230	813	133	102	15,5	-	95,00
TL 216-14M-115	on demand	216	12	4040	110	962,57	959,76	-	230	920	133	102	15,5	-	-
TL 264-14M-115	41690264	264	12	5050	125	1176,47	1173,66	-	270	1133	133	127	3	-	120,0



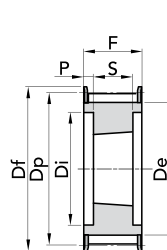
TYPE 14M 170

Different pitch of teeth available on demand.

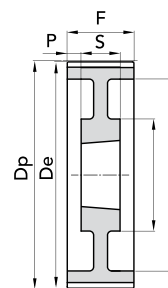
MATERIAL

C45 EN 10083

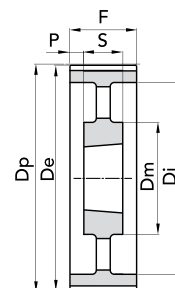
CAST-IRON G20/25 EN 1561



EXEC. 3F



EXEC. 11



EXEC. 12

TYPE	CODE	N. TEETH	EXEC.	BUSH	BORE MAX	d _p	d _e	d _f FLANGE	Dm HUB	Ø D _i	F	S	P	N. FLANGE	Kg
TL 38-14M-170	41692038	38	3F	3030	75	169,34	166,60	183	-	130	187	76	55,5	172	11,70
TL 40-14M-170	41692040	40	3F	3030	75	178,25	175,49	188	-	138	187	76	55,5	162	13,00
TL 44-14M-170	41692044	44	3F	3535	90	196,08	193,28	211	-	155	187	89	49	175	15,00
TL 48-14M-170	41692048	48	3F	3535	90	213,90	211,11	226	-	175	187	89	49	180	19,00
TL 56-14M-170	41692056	56	3F	3535	90	249,55	246,76	256	-	210	187	89	49	182	28,50
TL 64-14M-170	on demand	64	3F	4040	110	285,21	282,41	296	-	240	187	102	42,5	184	
TL 72-14M-170	on demand	72	11	4040	110	320,86	318,06	-	230	280	187	102	42,5	-	-
TL 80-14M-170	41692080	80	11	4040	110	356,51	353,71	-	230	315	187	102	42,5	-	48,00
TL 90-14M-170	41692090	90	12	4040	110	401,07	398,28	-	230	360	187	102	42,5	-	52,50
TL 112-14M-170	41692112	112	12	5050	125	499,11	496,32	-	265	457	187	127	30	-	74,50
TL 144-14M-170	41692144	144	12	5050	125	641,71	638,92	-	265	600	187	127	30	-	91,00
TL 168-14M-170	41692168	168	12	5050	125	748,66	745,87	-	265	706	187	127	30	-	116,00
TL 192-14M-170	on demand	192	12	5050	125	855,62	852,82	-	265	813	187	127	30	-	-
TL 216-14M-170	on demand	216	12	5050	125	962,57	959,76	-	265	920	187	127	30	-	-







TYPE 8M-12

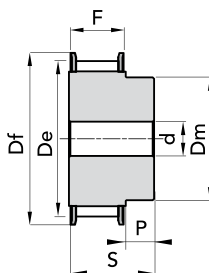
TAPER LOCK®

Different pitch of teeth available on demand.

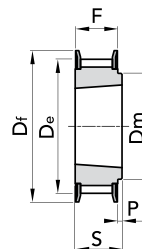
MATERIAL

C45 EN 10083

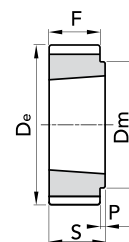
CAST-IRON G20/25 EN 1561



EXEC. 1F



EXEC. 2F



EXEC. 3

TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _p	d _e	d _f FLANGE	D _m HUB	F	S	P	N. FLANGE	Kg
8M-22S- 12	48612022	22	1F	-	12	28	56,02	54,42	60	43	20	30	10	53	0,43
TL 8M-25S- 12	48612025	25	2F	1108		28	63,66	62,06	70	49	20	22	2	61	0,25
TL 8M-28S- 12	48612028	28	2F	1108		28	71,3	69,7	75	56	20	22	2	79	0,37
TL 8M-30S- 12	48612030	30	2F	1210		32	76,39	74,79	82,5	60	20	25	5	82	0,41
TL 8M-32S- 12	48612032	32	2F	1610		42	81,49	79,89	87	66	20	25	5	76	0,43
TL 8M-34S- 12	48612034	34	2F	1610		42	86,58	84,98	91	69	20	25	5	66	0,45
TL 8M-36S- 12	48612036	36	2F	1610		42	91,67	90,07	97	76	20	25	5	68	0,59
TL 8M-38S- 12	48612038	38	2F	1610		42	96,77	95,17	102	78	20	25	5	70	0,70
TL 8M-40S- 12	48612040	40	2F	1610		42	101,86	100,26	106	85	20	25	5	77	0,82
TL 8M-45S- 12	48612045	45	2F	2012		50	114,59	112,99	120	92	20	32	12	75	1,10
TL 8M-48S- 12	48612048	48	2F	2012		50	122,23	120,63	128	103	20	32	12	78	1,42
TL 8M-50S- 12	48612050	50	2F	2012		50	127,32	125,72	135	104	20	32	12	80	1,60
TL 8M-56S- 12	48612056	56	2F	2012		50	142,6	141	150	104	20	32	12	85	2,10
TL 8M-60S- 12	48612060	60	2F	2012		50	152,79	151,19	158	111	20	32	12	86	2,40
TL 8M-64S- 12	48612064	64	2F	2012		50	162,97	161,37	168	111	20	32	12	90	2,70
TL 8M-75S- 12	48612075	75	3	2012		50	190,99	189,39	-	111	20	32	12	-	3,70
TL 8M-80S- 12	48612080	80	3	2012		50	203,72	202,12	-	111	20	32	12	-	4,40
TL 8M-90S- 12	48612090	90	3	2012		50	229,18	227,58	-	111	20	32	12	-	5,50



TYPE 8M-21

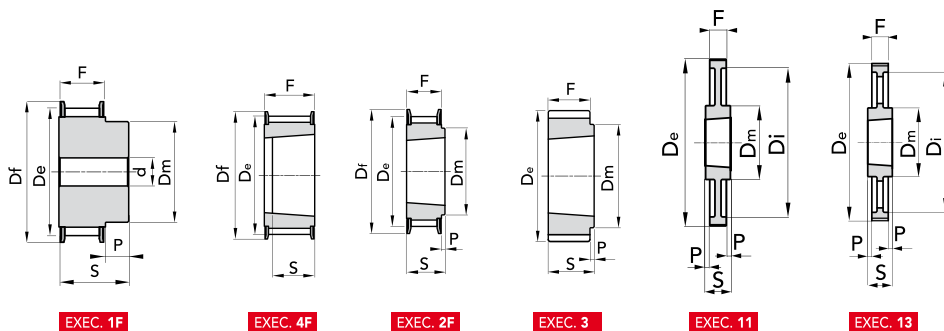
TAPER LOCK[®]

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _b	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
8M-22S- 21	48621022	22	1F	-	12	28	56,02	54,42	60	43	-	30	40	10	53	0,56
TL 8M-25S- 21	48621025	25	4F	1108		28	63,66	62,06	70	-	-	30	22	-	61	0,36
TL 8M-28S- 21	48621028	28	4F	1210		32	71,3	69,7	75	-	-	30	25	-	79	0,41
TL 8M-30S- 21	48621030	30	4F	1210		32	76,39	74,79	82,5	-	-	30	25	-	82	0,56
TL 8M-32S- 21	48621032	32	4F	1610		42	81,49	79,89	87	-	-	30	25	-	76	0,52
TL 8M-34S- 21	48621034	34	4F	1610		42	86,58	84,98	91	-	-	30	25	-	66	0,61
TL 8M-36S- 21	48621036	36	4F	1610		42	91,67	90,07	97	-	-	30	25	-	68	0,70
TL 8M-38S- 21	48621038	38	4F	1610		42	96,77	95,17	102	-	-	30	25	-	70	0,92
TL 8M-40S- 21	48621040	40	4F	1610		42	101,86	100,26	106	-	-	30	25	-	77	1,06
TL 8M-45S- 21	48621045	45	2F	2012		50	114,59	112,99	120	92	-	30	32	2	75	1,30
TL 8M-48S- 21	48621048	48	2F	2012		50	122,23	120,63	128	103	-	30	32	2	78	1,60
TL 8M-50S- 21	48621050	50	2F	2012		50	127,32	125,72	135	104	-	30	32	2	80	1,83
TL 8M-56S- 21	48621056	56	2F	2012		50	142,6	141	150	104	-	30	32	2	85	2,40
TL 8M-60S- 21	48621060	60	2F	2517		65	152,79	151,19	158	124	-	30	45	15	86	3,20
TL 8M-64S- 21	48621064	64	2F	2517		65	162,97	161,37	168	124	-	30	45	15	90	3,80
TL 8M-75S- 21	48621075	75	3	2517		65	190,99	189,39	-	124	-	30	45	15	-	6,20
TL 8M-80S- 21	48621080	80	3	2517		65	203,72	202,12	-	124	-	30	45	15	-	6,00
TL 8M-90S- 21	48621090	90	11	2517		65	229,18	227,58	-	124	198	30	45	7,5	-	5,40
TL 8M-112S- 21	48621112	112	11	2517		65	285,21	283,61	-	124	253	30	45	7,5	-	7,40
TL 8M-140S- 21	48621140	140	13	3020		75	356,51	354,91	-	150	324	30	51	10,5	-	9,00



TYPE 8M-36

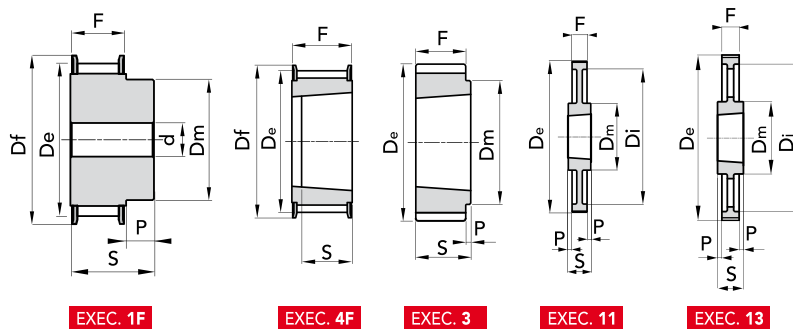
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MATERIAL

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CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _b	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
8M-25S- 36	48636025	25	1F	-	16	32	63,66	62,06	70	49	-	45	55	10	61	1,40
TL 8M-28S- 36	48636028	28	4F	1210		32	71,3	69,7	75	-	-	45	25	-	79	0,64
TL 8M-30S- 36	48636030	30	4F	1610		42	76,39	74,79	82,5	-	-	45	25	-	82	0,59
TL 8M-32S- 36	48636032	32	4F	1610		42	81,49	79,89	87	-	-	45	25	-	76	0,79
TL 8M-34S- 36	48636034	34	4F	1610		42	86,58	84,98	91	-	-	45	25	-	66	0,63
TL 8M-36S- 36	48636036	36	4F	1610		42	91,67	90,07	97	-	-	45	25	-	68	1,15
TL 8M-38S- 36	48636038	38	4F	1610		42	96,77	95,17	102	-	-	45	25	-	70	1,39
TL 8M-40S- 36	48636040	40	4F	2012		50	101,86	100,26	106	-	-	45	32	-	77	1,34
TL 8M-45S- 36	48636045	45	4F	2012		50	114,59	112,99	120	-	-	45	32	-	75	1,87
TL 8M-48S- 36	48636048	48	4F	2012		50	122,23	120,63	128	-	-	45	32	-	78	2,20
TL 8M-50S- 36	48636050	50	4F	2012		50	127,32	125,72	135	-	-	45	32	-	80	2,70
TL 8M-56S- 36	48636056	56	4F	2517		60	142,6	141	150	-	-	45	45	-	85	3,00
TL 8M-60S- 36	48636060	60	4F	2517		60	152,79	151,19	158	-	-	45	45	-	86	3,80
TL 8M-64S- 36	48636064	64	4F	2517		60	162,97	161,37	168	-	-	45	45	-	90	4,50
TL 8M-75S- 36	48636075	75	3	3020		75	190,99	189,39	-	150	-	45	51	6	-	6,20
TL 8M-80S- 36	48636080	80	3	3020		75	203,72	202,12	-	150	-	45	51	6	-	7,40
TL 8M-90S- 36	48636090	90	11	3020		75	229,18	227,58	-	150	197	45	51	3	-	7,20
TL 8M-112S- 36	48636112	112	13	3020		75	285,21	283,61	-	150	253	45	51	3	-	10,40
TL 8M-140S- 36	48636140	140	13	3020		75	356,51	354,91	-	150	324	45	51	3	-	12,70
TL 8M-168S- 36	48636168	168	13	3525		100	427,81	426,21	-	198	396	45	65	10	-	21,50
TL 8M-192S- 36	48636192	192	13	3525		100	488,92	487,32	-	198	457	45	65	10	-	27,00



TYPE 8M-62

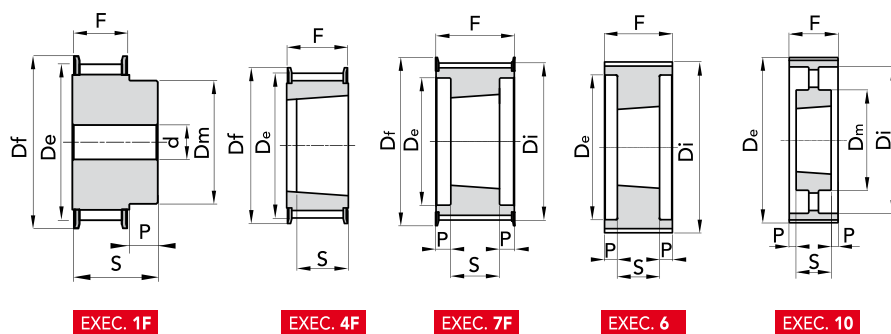
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MATERIAL

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CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _b	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
8M-30S- 62	48662030	30	1F	-	20	42	76,39	74,79	82,5	63	-	72	84	12	82	2,40
8M-32S- 62	48662032	32	1F	-	20	50	81,49	79,89	87	68	-	72	84	12	76	2,80
8M-34S- 62	48662034	34	1F	-	20	55	86,58	84,98	91	69	-	72	84	12	66	3,00
8M-36S- 63	48662036	36	1F	-	20	60	91,67	90,07	97	76	-	72	84	12	68	3,40
8M-38S- 62	48662038	38	1F	-	20	60	96,77	95,17	102	78	-	72	84	12	70	3,80
TL 8M-40S- 62	48662040	40	4F	2012		50	101,86	100,26	106	-	-	72	32	-	77	2,06
TL 8M-45S- 62	48662045	45	4F	2012		50	114,59	112,99	120	-	-	72	32	-	75	3,00
TL 8M-48S- 62	48662048	48	4F	2517		65	122,23	120,63	128	-	-	72	45	-	78	2,90
TL 8M-50S- 62	48662050	50	4F	2517		65	127,32	125,72	135	-	-	72	45	-	80	3,25
TL 8M-56S- 62	48662056	56	7F	2517		65	142,6	141	150	-	111	72	45	13,5	85	3,90
TL 8M-60S- 62	48662060	60	7F	2517		65	152,79	151,19	158	-	121	72	45	13,5	86	4,70
TL 8M-64S- 62	48662064	64	7F	2517		65	162,97	161,37	168	-	131	72	45	13,5	90	5,60
TL 8M-75S- 62	48662075	75	6	3020		75	190,99	189,39	-	-	159	72	51	10,5	-	7,50
TL 8M-80S- 62	48662080	80	6	3020		75	203,72	202,12	-	-	172	72	51	10,5	-	9,20
TL 8M-90S- 62	48662090	90	6	3020		75	229,18	227,58	-	-	197	72	51	10,5	-	7,70
TL 8M-112S- 62	48662112	112	10	3020		75	285,21	283,61	-	150	253	72	51	10,5	-	12,10
TL 8M-140S- 62	48662140	140	10	3525		90	356,51	354,91	-	198	324	72	65	3,5	-	22,70
TL 8M-168S- 62	48662168	168	10	3525		90	427,81	426,21	-	198	396	72	65	3,5	-	26,80
TL 8M-192S- 62	48662192	192	10	3525		90	488,92	487,32	-	198	457	72	65	3,5	-	34,20



TYPE 14M-20

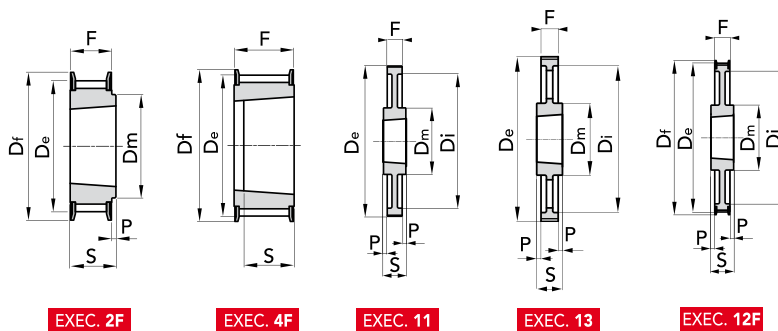
TAPER LOCK®

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	BORE MAX	d _b	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
TL 14M-28S-20	48820028	28	4F	2012	50	124,78	121,98	128	-	-	33	32	1	153	1,66
TL 14M-30S-20	48820030	30	4F	2012	50	133,69	130,89	138	-	-	33	32	1	154	2,20
TL 14M-32S-20	48820032	32	4F	2012	50	142,6	139,8	154	-	-	33	32	1	160	3,20
TL 14M-34S-20	48820034	34	2F	2517	65	151,52	148,72	160	117	-	33	45	-	171	3,00
TL 14M-36S-20	48820036	36	2F	2517	65	160,43	157,63	168	117	-	33	45	-	168	3,60
TL 14M-38S-20	48820038	38	2F	2517	65	169,34	166,54	183	117	-	33	45	-	172	4,00
TL 14M-40S-20	48820040	40	2F	2517	65	178,25	175,45	188	117	-	33	45	-	174	4,70
TL 14M-44S-20	48820044	44	2F	3020	75	196,08	193,28	211	144	-	33	51	-	175	5,60
TL 14M-48S-20	48820048	48	2F	3020	75	213,9	211,11	226	144	-	33	51	-	180	6,80
TL 14M-50S-20	48820050	50	2F	3020	75	222,82	220,02	240	144	-	33	51	-	169	7,70
TL 14M-56S-20	48820056	56	12F	3020	75	249,55	246,76	256	144	207	33	51	9	182	7,70
TL 14M-60S-20	48820060	60	11	3020	75	267,38	264,58	-	159	224	33	51	9	-	8,50
TL 14M-64S-20	48820064	64	11	3020	75	285,21	282,41	-	159	242	33	51	9	-	10,20
TL 14M-72S-20	48820072	72	11	3020	75	320,86	318,06	-	159	278	33	51	9	-	11,50
TL 14M-80S-20	48820080	80	11	3020	75	356,51	353,71	-	159	314	33	51	9	-	13,50
TL 14M-90S-20	48820090	90	13	3020	75	401,07	398,27	-	159	360	33	51	9	-	14,20
TL 14M-112S-20	48820112	112	13	3020	75	499,11	496,31	-	159	456	33	51	9	-	18,10
TL 14M-140S-20	48820140	140	13	3020	75	623,89	621,09	-	159	581	33	51	9	-	22,90



TYPE 14M-37

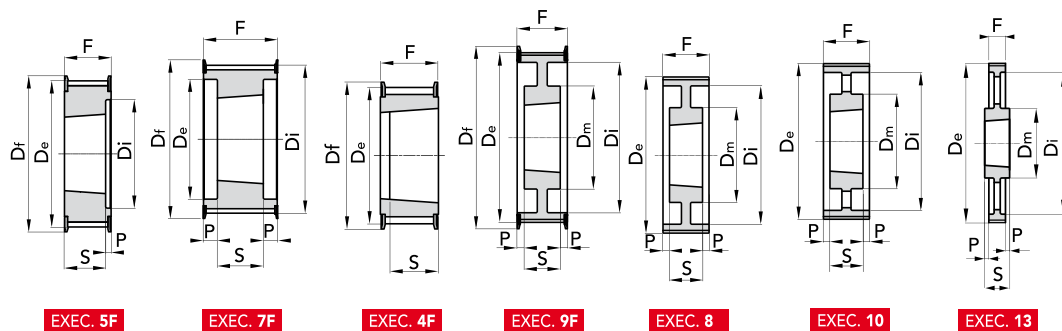
TAPER LOCK®

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	BORE MAX	d _b	d _e	d _f FLANGE	D _m HUB	Ø Di	F	S	P	N. FLANGE	Kg
TL 14M-28S-37	48837028	28	5F	2012	50	124,78	121,98	128	-	88	51	32	19	153	2,20
TL 14M-30S-37	48837030	30	7F	2517	65	133,69	130,89	138	-	98	51	45	3	154	2,50
TL 14M-32S-37	48837032	32	7F	2517	65	142,6	139,8	154	-	100	51	45	3	160	3,00
TL 14M-34S-37	48837034	34	7F	2517	65	151,52	148,72	160	-	109	51	45	3	171	3,80
TL 14M-36S-37	48837036	36	5F	2517	65	160,43	157,63	168	-	117	51	45	6	168	4,30
TL 14M-38S-37	48837038	38	5F	2517	65	169,34	166,54	183	-	126	51	45	6	172	5,10
TL 14M-40S-37	48837040	40	5F	2517	65	178,25	175,45	188	-	135	51	45	6	174	6,00
TL 14M-44S-37	48837044	44	4F	3020	75	196,08	193,82	211	-	-	51	51	-	175	7,00
TL 14M-48S-37	48837048	48	4F	3020	75	213,9	211,11	226	-	-	51	51	-	180	9,00
TL 14M-50S-37	48837050	50	4F	3020	75	222,82	220,02	240	-	-	51	51	-	169	10,00
TL 14M-56S-37	48837056	56	9F	3020	75	249,55	246,76	256	144	207	51	51	-	182	9,20
TL 14M-60S-37	48837060	60	8	3020	75	267,38	264,58	-	159	224	51	51	-	-	10,20
TL 14M-64S-37	48837064	64	10	3020	75	285,21	282,41	-	159	242	51	51	-	-	12,20
TL 14M-72S-37	48837072	72	10	3020	75	320,86	318,06	-	159	278	51	51	-	-	13,40
TL 14M-80S-37	48837080	80	10	3020	75	356,51	353,71	-	159	314	51	51	-	-	16,10
TL 14M-90S-37	48837090	90	10	3020	75	401,07	398,27	-	159	360	51	51	-	-	17,20
TL 14M-112S-37	48837112	112	10	3020	75	499,11	496,31	-	159	456	51	51	-	-	23,00
TL 14M-140S-37	48837140	140	13	3525	110	623,89	621,09	-	206	581	51	65	7	-	41,00
TL 14M-168S-37	48837168	168	13	3525	110	748,66	745,87	-	206	706	51	65	7	-	51,50
TL 14M-192S-37	48837192	192	13	4030	115	855,61	852,82	-	215	812	51	76	12,5	-	60,00



TYPE 14M-68

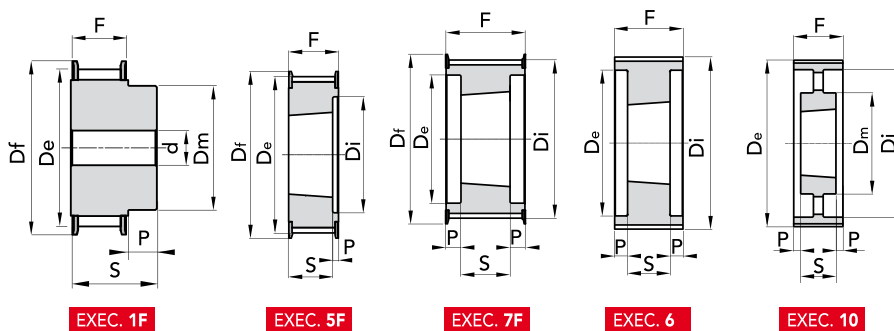
TAPER LOCK®

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _h	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
14M-34S- 68	48868034	34	1F	-	25	100	151,52	148,72	160	132	-	84	104	20	171	10,50
14M-36S- 68	48868036	36	1F	-	40	100	160,43	157,63	168	131	-	84	104	20	168	11,70
14M-38S- 68	48868038	38	1F	-	40	115	169,34	166,54	183	141	-	84	104	20	172	13,40
14M-40S- 68	48868040	40	1F	-	40	125	178,25	175,45	188	156	-	84	104	20	174	15,40
TL 14M-44S- 68	48868044	44	7F	3020		75	196,08	193,28	211	-	153	84	51	16,5	175	9,20
TL 14M-48S- 68	48868048	48	5F	3020		75	213,9	211,11	226	-	171	84	51	33	180	11,30
TL 14M-50S- 68	48868050	50	7F	3525		100	222,82	220,02	240	-	180	84	65	9,5	169	15,50
TL 14M-56S- 68	48868056	56	7F	3525		100	249,55	246,76	256	-	207	84	65	9,5	182	16,80
TL 14M-60S- 68	48868060	60	6	3525		100	267,38	264,58	-	-	224	84	65	9,5	-	20,40
TL 14M-64S- 68	48868064	64	6	3525		100	285,21	282,41	-	-	242	84	65	9,5	-	23,60
TL 14M-72S- 68	48868072	72	8	3525		100	320,86	318,06	-	178	278	84	65	9,5	-	20,30
TL 14M-80S- 68	48868080	80	10	3525		100	356,51	353,71	-	178	314	84	65	9,5	-	21,30
TL 14M-90S- 68	48868090	90	10	3525		100	401,07	398,27	-	178	360	84	65	9,5	-	24,40
TL 14M-112S- 68	48868112	112	10	3525		100	499,11	496,31	-	178	456	84	65	9,5	-	32,70
TL 14M-140S- 68	48868140	140	10	3525		100	623,89	621,09	-	206	581	84	65	9,5	-	55,00
TL 14M-168S- 68	48868168	168	10	3525		100	748,66	745,87	-	206	706	84	65	9,5	-	71,00
TL 14M-192S- 68	48868192	192	10	4030		115	855,61	852,82	-	215	812	84	76	4	-	80,50



TYPE 14M-90

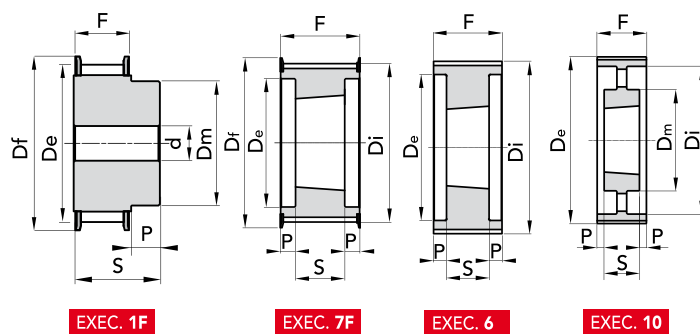
TAPER LOCK®

Different pitch of teeth available on demand.

MATERIAL

C45 EN 10083

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _h	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
14M-36S-90	48890036	36	1F	-	50	110	160,43	157,63	168	131	-	106	136	30	168	14,50
14M-38S-90	48890038	38	1F	-	50	115	169,34	166,54	183	141	-	106	136	30	172	17,50
14M-40S-90	48890040	40	1F	-	50	125	178,25	175,45	188	156	-	106	136	30	174	19,10
14M-44S-90	48890044	44	1F	-	50	140	196,08	193,28	211	169	-	106	136	30	175	23,90
TL 14M-48S-90	48890048	48	7F	3525		100	213,9	211,11	226	-	171	106	66	20	180	12,70
TL 14M-50S-90	48890050	50	7F	3525		100	222,82	220,02	240	-	180	106	66	20	169	14,50
TL 14M-56S-90	48890056	56	7F	3525		100	249,55	246,76	256	-	207	106	66	20	182	19,00
TL 14M-60S-90	48890060	60	6	3525		100	267,38	264,58	-	-	224	106	66	20	-	22,50
TL 14M-64S-90	48890064	64	6	3525		100	285,21	282,41	-	-	242	106	66	20	-	24,00
TL 14M-72S-90	48890072	72	10	3525		100	320,86	318,06	-	178	278	106	66	20	-	22,60
TL 14M-80S-90	48890080	80	10	4030		115	356,51	353,71	-	215	314	106	76	15	-	27,00
TL 14M-90S-90	48890090	90	10	4030		115	401,07	398,27	-	215	360	106	76	15	-	34,10
TL 14M-112S-90	48890112	112	10	4535		125	499,11	496,31	-	215	456	106	90	8	-	46,00
TL 14M-140S-90	48890140	140	10	4535		125	623,89	621,09	-	215	581	106	90	8	-	61,00
TL 14M-168S-90	48890168	168	10	5040		130	748,66	745,87	-	267	706	106	102	2	-	90,00
TL 14M-192S-90	48890192	192	10	5040		130	855,61	852,82	-	267	812	106	102	2	-	108,50



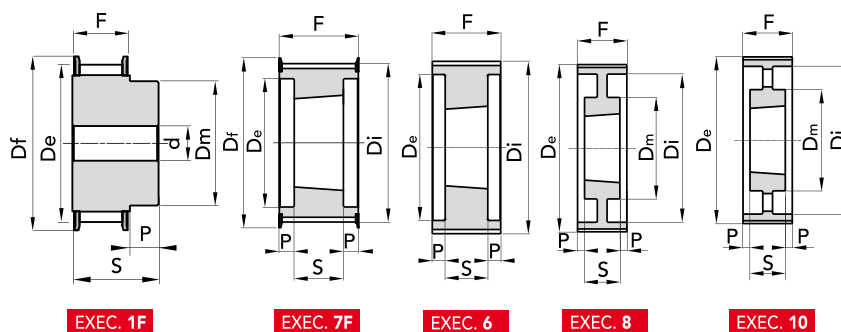
TYPE 14M-125

TAPER LOCK®

Different pitch of teeth available on demand.

MATERIAL

CAST-IRON G20/25 EN 1561



TYPE	CODE	N. TEETH	EXEC.	BUSH.	d	BORE MAX	d _b	d _e	d _f FLANGE	Dm HUB	Ø Di	F	S	P	N. FLANGE	Kg
14M-38S-125	48892038	38	1F	-	50	115	169,34	166,54	183	141	-	141	161	20	172	20,30
14M-40S-125	48892040	40	1F	-	50	125	178,25	175,45	188	156	-	141	161	20	174	23,00
14M-44S-125	48892044	44	1F	-	50	140	196,08	193,28	211	169	-	141	161	20	175	28,80
14M-48S-125	48892048	48	1F	-	50	160	213,9	211,11	226	185	-	141	161	20	180	34,60
TL 14M-50S-125	48892050	50	7F	3525		90	222,82	220,02	240	-	180	141	65	38	169	16,80
TL 14M-56S-125	48892056	56	7F	3525		90	249,55	246,76	256	-	207	141	65	38	182	21,60
TL 14M-60S-125	48892060	60	6	4030		105	267,38	264,58	-	-	224	141	76	32,5	-	25,60
TL 14M-64S-125	48892064	64	6	4030		105	285,21	282,41	-	-	242	141	76	32,5	-	29,70
TL 14M-72S-125	48892072	72	8	4030		105	320,86	318,06	-	215	278	141	76	32,5	-	30,00
TL 14M-80S-125	48892080	80	8	4030		105	356,51	353,71	-	215	314	141	76	32,5	-	33,40
TL 14M-90S-125	48892090	90	10	4030		105	401,07	398,27	-	215	360	141	76	32,5	-	39,40
TL 14M-112S-125	48892112	112	10	4535		100	499,11	496,31	-	215	456	141	89	26	-	56,00
TL 14M-140S-125	48892140	140	10	4535		100	623,89	621,09	-	215	581	141	89	26	-	73,00
TL 14M-168S-125	48892168	168	10	5040		125	748,66	745,87	-	267	706	141	102	19,5	-	101,00
TL 14M-192S-125	48892192	192	10	5040		125	855,61	852,82	-	267	802	141	102	19,5	-	121,50



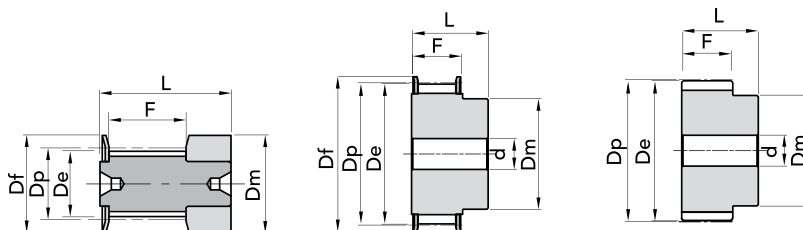
TYPE T 2.5

PITCH 2.5 mm

for belt width 6mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 0F

EXEC. 1F

EXEC. 2

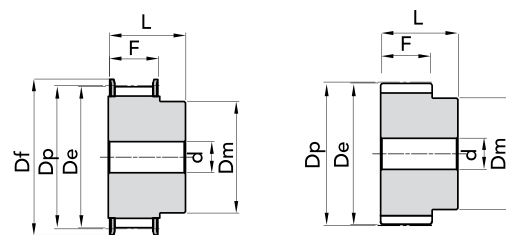
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
16 T2,5 12	45021612	0F	12	9,60	9,00	13,0	13	9	16	-	501	0,01
16 T2,5 14	45021614	0F	14	11,20	10,60	15,0	15	9	16	-	502	0,01
16 T2,5 15	45021615	0F	15	12,00	11,40	15,0	15	9	16	-	502	0,01
16 T2,5 16	45021616	0F	16	12,80	12,20	16,0	16	9	16	-	503	0,01
16 T2,5 18	45021618	1F	18	14,40	13,80	17,5	10	10	16	-	504	0,01
16 T2,5 19	45021619	1F	19	15,20	14,60	20,0	10	10	16	-	505	0,01
16 T2,5 20	45021620	1F	20	16,00	15,40	20,0	11	10	16	-	505	0,01
16 T2,5 22	45021622	1F	22	17,60	17,00	22,0	11	10	16	-	512	0,01
16 T2,5 24	45021624	1F	24	19,15	18,55	22,0	12	10	16	4	512	0,01
16 T2,5 25	45021625	1F	25	19,95	19,35	25,0	13	10	16	4	506	0,01
16 T2,5 26	45021626	1F	26	20,75	20,15	26,0	14	10	16	4	507	0,01
16 T2,5 28	45021628	1F	28	22,35	21,75	26,0	14	10	16	4	507	0,02
16 T2,5 30	45021630	1F	30	23,95	23,35	26,0	16	10	16	6	508	0,02
16 T2,5 32	45021632	1F	32	25,55	24,95	32,0	16	10	16	6	509	0,02
16 T2,5 36	45021636	1F	36	28,75	28,10	36,0	20	10	16	6	510	0,03
16 T2,5 40	45021640	1F	40	31,90	31,30	38,0	22	10	16	6	511	0,03
16 T2,5 44	45021644	2	44	35,10	34,50	-	24	10	16	6	-	0,04
16 T2,5 48	45021648	2	48	38,30	37,70	-	26	10	16	6	-	0,05
16 T2,5 60	45021660	2	60	47,85	47,25	-	34	10	16	8	-	0,07



TYPE T 5

PITCH 5 mm

for belt width 10mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _p	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
21 T5 10	45052110	1F	10	15,92	15,05	19,5	8	15	21	-	3	0,01
21 T5 12	45052112	1F	12	19,10	18,25	23,0	11	15	21	-	1	0,01
21 T5 14	45052114	1F	14	22,29	21,45	25,0	13	15	21	-	2	0,02
21 T5 15	45052115	1F	15	23,88	23,05	28,0	16	15	21	6	4	0,02
21 T5 16	45052116	1F	16	25,47	24,60	32,0	18	15	21	6	5	0,03
21 T5 18	45052118	1F	18	28,65	27,80	32,0	20	15	21	6	6	0,03
21 T5 19	45052119	1F	19	30,25	29,40	36,0	22	15	21	6	8	0,04
21 T5 20	45052120	1F	20	31,83	31,00	36,0	23	15	21	6	8	0,04
21 T5 22	45052122	1F	22	35,02	34,15	38,0	24	15	21	6	9	0,05
21 T5 24	45052124	1F	24	38,21	37,40	42,0	26	15	21	6	13	0,06
21 T5 25	45052125	1F	25	29,80	29,80	44,0	26	15	21	6	12	0,06
21 T5 26	45052126	1F	26	41,39	40,60	44,0	26	15	21	6	12	0,06
21 T5 27	45052127	1F	27	42,98	42,20	48,0	30	15	21	8	11	0,07
21 T5 28	45052128	1F	28	44,58	43,75	48,0	32	15	21	8	11	0,07
21 T5 30	45052130	1F	30	47,76	46,95	51,0	34	15	21	8	16	0,07
21 T5 32	45052132	1F	32	50,94	50,10	54,0	38	15	21	8	18	0,09
21 T5 36	45052136	1F	36	57,31	56,45	64,0	38	15	21	8	23	0,11
21 T5 40	45052140	1F	40	63,66	62,85	66,5	40	15	21	8	24	0,14
21 T5 42	45052142	1F	42	66,86	66,00	70,0	40	15	21	8	26	0,18
21 T5 44	45052144	2	44	70,05	69,20	-	45	15	21	8	-	0,18
21 T5 48	45052148	2	48	76,42	75,55	-	50	15	21	8	-	0,20
21 T5 60	45052160	2	60	95,52	94,65	-	65	15	21	8	-	0,31



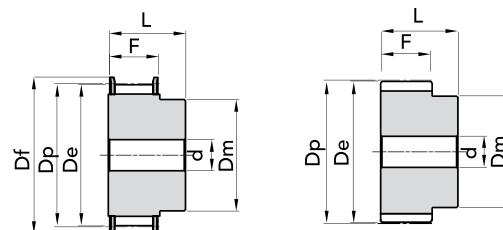
TYPE T 5

PITCH 5 mm

for belt width 16mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

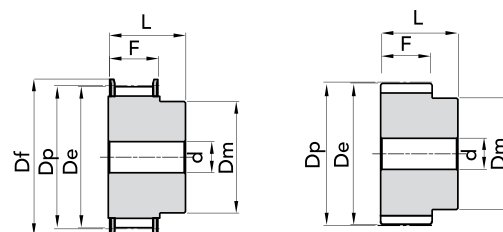
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
27 T5 10	45052710	1F	10	15,92	15,05	19,5	8	21	27	-	3	0,02
27 T5 12	45052712	1F	12	19,10	18,25	23,0	11	21	27	-	1	0,02
27 T5 14	45052714	1F	14	22,29	21,45	25,0	13	21	27	-	2	0,03
27 T5 15	45052715	1F	15	23,88	23,05	28,0	16	21	27	6	4	0,03
27 T5 16	45052716	1F	16	25,47	24,60	32,0	18	21	27	6	5	0,04
27 T5 18	45052718	1F	18	28,65	27,80	32,0	20	21	27	6	6	0,04
27 T5 19	45052719	1F	19	30,25	29,40	36,0	22	21	27	6	8	0,05
27 T5 20	45052720	1F	20	31,83	31,00	36,0	23	21	27	6	8	0,06
27 T5 22	45052722	1F	22	35,02	34,15	38,0	24	21	27	6	9	0,06
27 T5 24	45052724	1F	24	38,21	37,40	42,0	26	21	27	6	13	0,08
27 T5 25	45052725	1F	25	39,80	38,95	44,0	26	21	27	6	12	0,08
27 T5 26	45052726	1F	26	41,39	40,60	44,0	26	21	27	6	12	0,09
27 T5 27	45052727	1F	27	42,98	42,20	48,0	30	21	27	8	11	0,09
27 T5 28	45052728	1F	28	44,58	43,75	48,0	32	21	27	8	11	0,09
27 T5 30	45052730	1F	30	47,76	46,95	51,0	34	21	27	8	16	0,10
27 T5 32	45052732	1F	32	50,94	50,10	54,0	38	21	27	8	18	0,12
27 T5 36	45052736	1F	36	57,31	56,45	64,0	38	21	27	8	23	0,16
27 T5 40	45052740	1F	40	63,66	62,85	66,5	40	21	27	8	24	0,19
27 T5 42	45052742	1F	42	66,86	66,00	70,0	40	21	27	8	26	0,20
27 T5 44	45052744	2	44	70,05	69,20	-	45	21	27	8	-	0,23
27 T5 48	45052748	2	48	76,42	75,55	-	50	21	27	8	-	0,28
27 T5 60	45052760	2	60	95,52	94,65	-	65	21	27	8	-	0,43



TYPE T 5

PITCH 5 mm

for belt width 25mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _p	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
36 T5 10	45053610	1F	10	15,92	15,05	19,5	8	30	36	-	3	0,02
36 T5 12	45053612	1F	12	19,10	18,25	23,0	11	30	36	-	1	0,03
36 T5 14	45053614	1F	14	22,29	21,45	25,0	13	30	36	-	2	0,04
36 T5 15	45053615	1F	15	23,88	23,05	28,0	16	30	36	6	4	0,04
36 T5 16	45053616	1F	16	25,47	24,60	32,0	18	30	36	6	5	0,05
36 T5 18	45053618	1F	18	28,65	27,80	32,0	20	30	36	6	6	0,06
36 T5 19	45053619	1F	19	30,25	29,40	36,0	22	30	36	6	8	0,07
36 T5 20	45053620	1F	20	31,83	31,00	36,0	23	30	36	6	8	0,08
36 T5 22	45053622	1F	22	35,02	34,15	38,0	24	30	36	6	9	0,08
36 T5 24	45053624	1F	24	38,21	37,40	42,0	26	30	36	8	13	0,11
36 T5 25	45053625	1F	25	39,80	38,95	44,0	26	30	36	8	12	0,12
36 T5 26	45053626	1F	26	41,39	40,60	44,0	26	30	36	8	12	0,12
36 T5 27	45053627	1F	27	42,98	42,20	48,0	30	30	36	8	11	0,13
36 T5 28	45053628	1F	28	44,58	43,75	48,0	32	30	36	8	11	0,14
36 T5 30	45053630	1F	30	47,76	46,95	51,0	34	30	36	8	16	0,15
36 T5 32	45053632	1F	32	50,94	50,10	54,0	38	30	36	8	18	0,18
36 T5 36	45053636	1F	36	57,31	56,45	64,0	38	30	36	8	23	0,23
36 T5 40	45053640	1F	40	63,66	62,85	66,5	40	30	36	8	24	0,28
36 T5 42	45053642	1F	42	66,86	66,00	70,0	40	30	36	8	26	0,29
36 T5 44	45053644	2	44	70,05	69,20	-	45	30	36	8	-	0,31
36 T5 48	45053648	2	48	76,42	75,55	-	50	30	36	8	-	0,40
36 T5 60	45053660	2	60	95,52	94,65	-	65	30	36	8	-	0,61



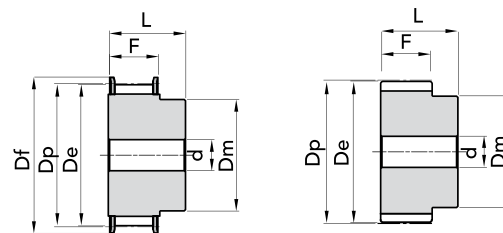
TYPE T 10

PITCH 10 mm

for belt width 16mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

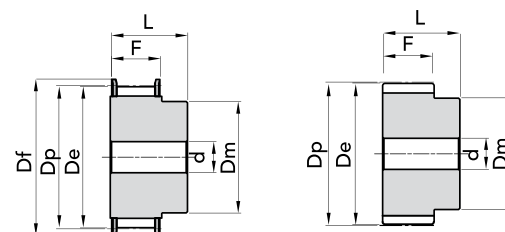
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
31 T10 12	45103112	1F	12	38,20	36,35	42,0	28	21	31	6	13	0,08
31 T10 14	45103114	1F	14	44,56	42,70	48,0	32	21	31	8	11	0,10
31 T10 15	45103115	1F	15	47,75	45,90	51,0	32	21	31	8	16	0,12
31 T10 16	45103116	1F	16	50,93	49,10	54,0	35	21	31	8	18	0,13
31 T10 18	45103118	1F	18	57,29	55,45	60,0	40	21	31	8	21	0,17
31 T10 19	45103119	1F	19	60,48	58,65	66,0	44	21	31	8	24	0,18
31 T10 20	45103120	1F	20	63,66	61,80	66,0	46	21	31	8	24	0,21
31 T10 22	45103122	1F	22	70,03	68,20	75,0	52	21	31	8	27	0,25
31 T10 24	45103124	1F	24	76,39	74,55	83,0	58	21	31	8	29	0,29
31 T10 25	45103125	1F	25	79,58	77,75	83,0	60	21	31	8	29	0,31
31 T10 26	45103126	1F	26	82,76	80,90	87,0	60	21	31	8	31	0,36
31 T10 27	45103127	1F	27	85,95	84,10	91,0	60	21	31	8	32	0,37
31 T10 28	45103128	1F	28	89,12	87,25	93,0	60	21	31	8	33	0,40
31 T10 30	45103130	1F	30	95,49	93,65	97,0	60	21	31	8	35	0,44
31 T10 32	45103132	1F	32	101,86	100,00	106,0	65	21	31	10	38	0,49
31 T10 36	45103136	1F	36	114,59	112,75	119,0	70	21	31	10	43	0,62
31 T10 40	45103140	1F	40	127,32	125,45	131,0	80	21	31	10	47	0,77
31 T10 44	45103144	2	44	140,05	138,20	-	88	21	31	10	-	1,00
31 T10 48	45103148	2	48	152,78	150,95	-	95	21	31	16	-	1,10
31 T10 60	45103160	2	60	190,98	189,10	-	110	21	31	16	-	1,70



TYPE T 10

PITCH 10 mm

for belt width 25mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _p	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
40 T10 12	45104012	1F	12	38,20	36,35	42,0	28	30	40	6	13	0,10
40 T10 14	45104014	1F	14	44,56	42,70	48,0	32	30	40	8	11	0,13
40 T10 15	45104015	1F	15	47,75	45,90	51,0	32	30	40	8	16	0,15
40 T10 16	45104016	1F	16	50,93	49,10	54,0	35	30	40	8	18	0,18
40 T10 18	45104018	1F	18	57,29	55,45	60,0	40	30	40	8	21	0,22
40 T10 19	45104019	1F	19	60,48	58,65	66,0	44	30	40	8	24	0,25
40 T10 20	45104020	1F	20	63,66	61,80	66,0	46	30	40	8	24	0,28
40 T10 22	45104022	1F	22	70,03	68,20	75,0	52	30	40	8	27	0,34
40 T10 24	45104024	1F	24	76,39	74,55	83,0	58	30	40	8	29	0,39
40 T10 25	45104025	1F	25	79,58	77,75	83,0	60	30	40	8	29	0,42
40 T10 26	45104026	1F	26	82,76	80,90	87,0	60	30	40	8	31	0,48
40 T10 27	45104027	1F	27	85,95	84,10	91,0	60	30	40	8	32	0,54
40 T10 28	45104028	1F	28	89,12	87,25	93,0	60	30	40	8	33	0,55
40 T10 30	45104030	1F	30	95,49	93,65	97,0	60	30	40	8	35	0,64
40 T10 32	45104032	1F	32	101,86	100,00	106,0	65	30	40	10	38	0,69
40 T10 36	45104036	1F	36	114,59	112,75	119,0	70	30	40	10	43	0,87
40 T10 40	45104040	1F	40	127,32	125,45	131,0	80	30	40	10	47	1,07
40 T10 44	45104044	2	44	140,05	138,20	-	88	30	40	10	-	1,35
40 T10 48	45104048	2	48	152,78	150,95	-	95	30	40	16	-	1,52
40 T10 60	45104060	2	60	190,98	189,15	-	110	30	40	16	-	2,34



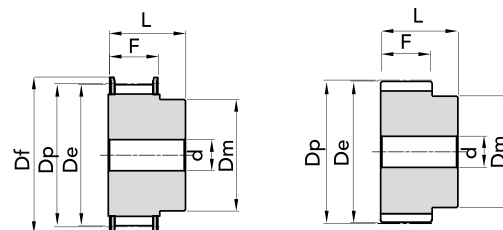
TYPE T 10

PITCH 10 mm

for belt width 32mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

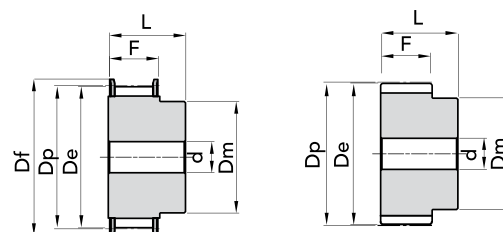
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
47 T10 18	45104718	1F	18	57,29	55,45	60,0	40	37	47	10	21	0,25
47 T10 19	45104719	1F	19	60,48	58,60	66,0	44	37	47	10	24	0,29
47 T10 20	45104720	1F	20	63,66	61,80	66,0	46	37	47	12	24	0,32
47 T10 22	45104722	1F	22	70,03	68,20	75,0	52	37	47	12	27	0,39
47 T10 24	45104724	1F	24	76,39	74,55	83,0	58	37	47	12	29	0,47
47 T10 25	45104725	1F	25	79,58	77,75	83,0	60	37	47	12	29	0,53
47 T10 26	45104726	1F	26	82,76	80,90	87,0	60	37	47	12	31	0,56
47 T10 27	45104727	1F	27	85,95	84,10	91,0	60	37	47	12	32	0,60
47 T10 28	45104728	1F	28	89,12	87,25	93,0	60	37	47	12	33	0,64
47 T10 30	45104730	1F	30	95,49	93,65	97,0	60	37	47	12	35	0,74
47 T10 32	45104732	1F	32	101,86	100,00	106,0	65	37	47	12	38	0,84
47 T10 36	45104736	1F	36	114,59	112,75	119,0	70	37	47	16	43	1,06
47 T10 40	45104740	1F	40	127,32	125,45	131,0	80	37	47	16	47	1,32
47 T10 44	45104744	2	44	140,05	138,20	-	88	37	47	16	-	1,61
47 T10 48	45104748	2	48	152,78	150,95	-	95	37	47	16	-	1,93
47 T10 60	45104760	2	60	190,98	189,10	-	110	37	47	16	-	3,00



TYPE T 10

PITCH 10 mm

for belt width 50mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
66 T10 18	45106618	1F	18	57,29	55,45	60,0	40	56	66	10	21	0,42
66 T10 19	45106619	1F	19	60,48	58,65	66,0	44	56	66	10	24	0,47
66 T10 20	45106620	1F	20	63,66	61,80	66,0	46	56	66	12	24	0,52
66 T10 22	45106622	1F	22	70,03	68,20	75,0	52	56	66	12	27	0,57
66 T10 24	45106624	1F	24	76,39	74,55	83,0	58	56	66	12	29	0,74
66 T10 25	45106625	1F	25	79,58	77,70	83,0	60	56	66	12	29	0,77
66 T10 26	45106626	1F	26	82,76	80,90	87,0	60	56	66	12	31	0,82
66 T10 27	45106627	1F	27	85,95	84,10	91,0	60	56	66	12	32	0,95
66 T10 28	45106628	1F	28	89,12	87,25	93,0	60	56	66	12	33	0,96
66 T10 30	45106630	1F	30	95,49	93,65	97,0	60	56	66	12	35	1,17
66 T10 32	45106632	1F	32	101,86	100,00	106,0	65	56	66	12	38	1,30
66 T10 36	45106636	1F	36	114,59	112,75	119,0	70	56	66	16	43	1,64
66 T10 40	45106640	1F	40	127,32	125,45	131,0	80	56	66	16	47	2,00
66 T10 44	45106644	2	44	140,05	138,20	-	88	56	66	16	-	2,36
66 T10 48	45106648	2	48	152,78	150,95	-	95	56	66	16	-	2,83
66 T10 60	45106660	2	60	190,98	189,10	-	110	56	66	16	-	4,37





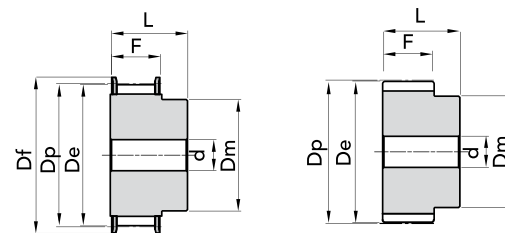
TYPE CT 5

PITCH 5 mm

for belt width 10mm

CT20 pitch pulleys are
manufactured on demand.

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

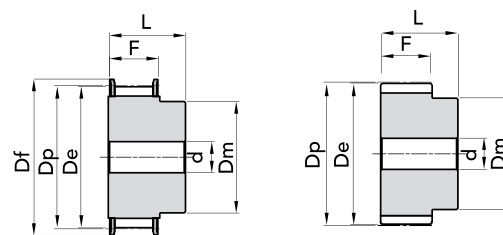
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
21 CT 5 Z 12	46052112	1F	12	19,10	17,85	23,0	11	15	21	-	1	0,01
21 CT 5 Z 14	46052114	1F	14	22,29	21,05	25,0	13	15	21	-	2	0,02
21 CT 5 Z 15	46052115	1F	15	23,88	22,65	28,0	16	15	21	6	4	0,02
21 CT 5 Z 16	46052116	1F	16	25,47	24,20	32,0	18	15	21	6	5	0,03
21 CT 5 Z 18	46052118	1F	18	28,65	27,40	32,0	20	15	21	6	6	0,03
21 CT 5 Z 19	46052119	1F	19	30,25	29,00	36,0	22	15	21	6	8	0,04
21 CT 5 Z 20	46052120	1F	20	31,83	30,60	36,0	23	15	21	6	8	0,04
21 CT 5 Z 22	46052122	1F	22	35,02	33,85	38,0	24	15	21	6	9	0,05
21 CT 5 Z 24	46052124	1F	24	38,21	37,00	42,0	26	15	21	6	13	0,06
21 CT 5 Z 25	46052125	1F	25	39,80	38,60	44,0	26	15	21	6	12	0,06
21 CT 5 Z 26	46052126	1F	26	41,39	40,20	44,0	26	15	21	6	12	0,06
21 CT 5 Z 27	46052127	1F	27	42,98	41,80	48,0	30	15	21	8	11	0,07
21 CT 5 Z 28	46052128	1F	28	44,58	43,35	48,0	32	15	21	8	11	0,07
21 CT 5 Z 30	46052130	1F	30	47,76	46,55	51,0	34	15	21	8	16	0,07
21 CT 5 Z 32	46052132	1F	32	50,94	49,70	54,0	38	15	21	8	18	0,09
21 CT 5 Z 36	46052136	1F	36	57,31	56,05	64,0	38	15	21	8	23	0,11
21 CT 5 Z 40	46052140	1F	40	63,66	62,45	66,5	40	15	21	8	24	0,14
21 CT 5 Z 42	46052142	1F	42	66,86	65,60	70,0	40	15	21	8	26	0,18
21 CT 5 Z 44	46052144	2	44	70,05	68,80	-	45	15	21	8	-	0,18
21 CT 5 Z 48	46052148	2	48	76,42	75,15	-	50	15	21	8	-	0,20
21 CT 5 Z 60	46052160	2	60	95,52	94,25	-	65	15	21	8	-	0,31



TYPE CT 5

PITCH 5 mm

for belt width 16mm

**CT20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
27 CT 5 Z 12	46052712	1F	12	19,10	17,85	23,0	11	21	27	-	1	0,02
27 CT 5 Z 14	46052714	1F	14	22,29	21,05	25,0	13	21	27	-	2	0,03
27 CT 5 Z 15	46052715	1F	15	23,88	22,65	28,0	16	21	27	6	4	0,03
27 CT 5 Z 16	46052716	1F	16	25,47	24,20	32,0	18	21	27	6	5	0,04
27 CT 5 Z 18	46052718	1F	18	28,65	27,40	32,0	20	21	27	6	6	0,04
27 CT 5 Z 19	46052719	1F	19	30,25	29,00	36,0	22	21	27	6	8	0,05
27 CT 5 Z 20	46052720	1F	20	31,83	30,60	36,0	23	21	27	6	8	0,06
27 CT 5 Z 22	46052722	1F	22	35,02	33,85	38,0	24	21	27	6	9	0,06
27 CT 5 Z 24	46052724	1F	24	38,21	37,00	42,0	26	21	27	6	13	0,08
27 CT 5 Z 25	46052725	1F	25	39,80	38,60	44,0	26	21	27	6	12	0,08
27 CT 5 Z 26	46052726	1F	26	41,39	40,20	44,0	26	21	27	6	12	0,09
27 CT 5 Z 27	46052727	1F	27	42,98	41,80	48,0	30	21	27	8	11	0,09
27 CT 5 Z 28	46052728	1F	28	44,58	43,35	48,0	32	21	27	8	11	0,09
27 CT 5 Z 30	46052730	1F	30	47,76	46,55	51,0	34	21	27	8	16	0,10
27 CT 5 Z 32	46052732	1F	32	50,94	49,70	54,0	38	21	27	8	18	0,12
27 CT 5 Z 36	46052736	1F	36	57,31	56,05	64,0	38	21	27	8	23	0,16
27 CT 5 Z 40	46052740	1F	40	63,66	62,45	66,5	40	21	27	8	24	0,19
27 CT 5 Z 42	46052742	1F	42	66,86	65,60	70,0	40	21	27	8	26	0,20
27 CT 5 Z 44	46052744	2	44	70,05	68,80	-	45	21	27	8	-	0,23
27 CT 5 Z 48	46052748	2	48	76,42	75,15	-	50	21	27	8	-	0,28
27 CT 5 Z 60	46052760	2	60	95,52	94,25	-	65	21	27	8	-	0,43



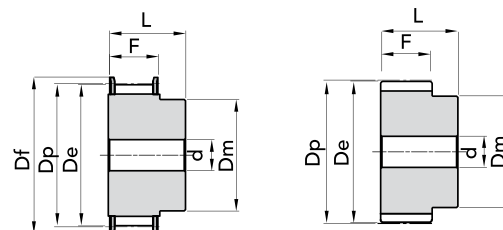
TYPE CT 5

PITCH 5 mm

for belt width 25mm

CT20 pitch pulleys are
manufactured on demand.

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

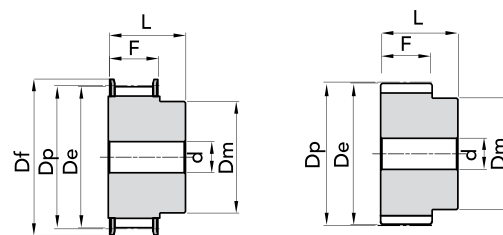
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
36 CT 5 Z 12	46053612	1F	12	19,10	17,85	23,0	11	30	36	-	1	0,03
36 CT 5 Z 14	46053614	1F	14	22,29	21,05	25,0	13	30	36	-	2	0,04
36 CT 5 Z 15	46053615	1F	15	23,88	22,65	28,0	16	30	36	6	4	0,04
36 CT 5 Z 16	46053616	1F	16	25,47	24,20	32,0	18	30	36	6	5	0,05
36 CT 5 Z 18	46053618	1F	18	28,65	27,40	32,0	20	30	36	6	6	0,06
36 CT 5 Z 19	46053619	1F	19	30,25	29,00	36,0	22	30	36	6	8	0,07
36 CT 5 Z 20	46053620	1F	20	31,83	30,60	36,0	23	30	36	6	8	0,08
36 CT 5 Z 22	46053622	1F	22	35,02	33,85	38,0	24	30	36	6	9	0,08
36 CT 5 Z 24	46053624	1F	24	38,21	37,00	42,0	26	30	36	6	13	0,11
36 CT 5 Z 25	46053625	1F	25	39,80	38,60	44,0	26	30	36	6	12	0,12
36 CT 5 Z 26	46053626	1F	26	41,39	40,20	44,0	26	30	36	6	12	0,12
36 CT 5 Z 27	46053627	1F	27	42,98	41,80	48,0	30	30	36	8	11	0,13
36 CT 5 Z 28	46053628	1F	28	44,58	43,35	48,0	32	30	36	8	11	0,14
36 CT 5 Z 30	46053630	1F	30	47,76	46,55	51,0	34	30	36	8	16	0,15
36 CT 5 Z 32	46053632	1F	32	50,94	49,70	54,0	38	30	36	8	18	0,18
36 CT 5 Z 36	46053636	1F	36	57,31	56,05	64,0	38	30	36	8	23	0,23
36 CT 5 Z 40	46053640	1F	40	63,66	62,45	66,5	40	30	36	8	24	0,28
36 CT 5 Z 42	46053642	1F	42	66,86	65,60	70,0	40	30	36	8	26	0,29
36 CT 5 Z 44	46053644	2	44	70,05	68,80	-	45	30	36	8	-	0,31
36 CT 5 Z 48	46053648	2	48	76,42	75,15	-	50	30	36	8	-	0,40
36 CT 5 Z 60	46053660	2	60	95,52	94,25	-	65	30	36	8	-	0,61



TYPE CT 10

PITCH 10 mm

for belt width 16mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
31 CT10 15	46103115	1F	15	47,75	45,90	51	32	21	31	8	16	0,12
31 CT10 16	46103116	1F	16	50,93	49,05	54	35	21	31	8	18	0,13
31 CT10 18	46103118	1F	18	57,29	55,45	60	40	21	31	8	21	0,17
31 CT10 19	46103119	1F	19	60,48	58,60	66,5	44	21	31	8	24	0,18
31 CT10 20	46103120	1F	20	63,66	61,80	66,5	46	21	31	8	24	0,21
31 CT10 22	46103122	1F	22	70,03	68,15	75	52	21	31	8	27	0,25
31 CT10 24	46103124	1F	24	76,39	74,55	83	58	21	31	8	29	0,29
31 CT10 25	46103125	1F	25	79,58	77,70	83	60	21	31	8	29	0,31
31 CT10 26	46103126	1F	26	82,76	80,90	87	60	21	31	8	31	0,36
31 CT10 27	46103127	1F	27	85,95	84,10	91	60	21	31	8	32	0,37
31 CT10 28	46103128	1F	28	89,12	87,25	93	60	21	31	8	33	0,40
31 CT10 30	46103130	1F	30	95,49	93,65	97	60	21	31	8	35	0,44
31 CT10 32	46103132	1F	32	101,86	100,00	106	65	21	31	10	38	0,49
31 CT10 36	46103136	1F	36	114,59	112,75	119	70	21	31	10	43	0,62
31 CT10 40	46103140	1F	40	127,32	125,45	131	80	21	31	10	47	0,77
31 CT10 44	46103144	2	44	140,05	138,20	-	88	21	31	10	-	1,00
31 CT10 48	46103148	2	48	152,78	150,95	-	95	21	31	16	-	1,10
31 CT10 60	46103160	2	60	190,98	189,10	-	110	21	31	16	-	1,70



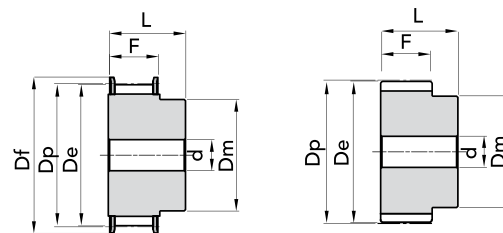
TYPE CT 10

PITCH 10 mm

for belt width 25mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

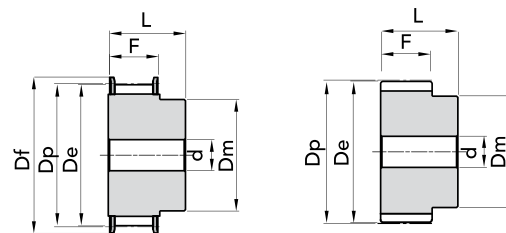
TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
40 CT10 15	46104015	1F	15	47,75	45,90	51	32	30	40	8	16	0,15
40 CT10 16	46104016	1F	16	50,93	49,05	54	35	30	40	8	18	0,18
40 CT10 18	46104018	1F	18	57,29	55,45	60	40	30	40	8	21	0,22
40 CT10 19	46104019	1F	19	60,48	58,60	66,5	44	30	40	8	24	0,25
40 CT10 20	46104020	1F	20	63,66	61,80	66,5	46	30	40	8	24	0,28
40 CT10 22	46104022	1F	22	70,03	68,15	75	52	30	40	8	27	0,34
40 CT10 24	46104024	1F	24	76,39	74,55	83	58	30	40	8	29	0,39
40 CT10 25	46104025	1F	25	79,58	77,70	83	60	30	40	8	29	0,42
40 CT10 26	46104026	1F	26	82,76	80,90	87	60	30	40	8	31	0,48
40 CT10 27	46104027	1F	27	85,95	84,10	91	60	30	40	8	32	0,54
40 CT10 28	46104028	1F	28	89,12	87,25	93	60	30	40	8	33	0,55
40 CT10 30	46104030	1F	30	95,49	93,65	97	60	30	40	8	35	0,64
40 CT10 32	46104032	1F	32	101,86	100,00	106	65	30	40	10	38	0,69
40 CT10 36	46104036	1F	36	114,59	112,75	119	70	30	40	10	43	0,87
40 CT10 40	46104040	1F	40	127,32	125,45	131	80	30	40	10	47	1,07
40 CT10 44	46104044	2	44	140,05	138,20	-	88	30	40	10	-	1,35
40 CT10 48	46104048	2	48	152,78	150,95	-	95	30	40	16	-	1,52
40 CT10 60	46104060	2	60	190,98	189,10	-	110	30	40	16	-	2,34



TYPE CT 10

PITCH 10 mm

for belt width 32mm

**T20 pitch pulleys are
manufactured on demand.****MATERIAL**
ALUMINIUM 6082-T6 EN 573**EXEC. 1F****EXEC. 2**

TYPE	CODE	EXEC.	N. TEETH	d _p	D _p	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
47 CT10 18	46104718	1F	18	57,29	55,45	60	40	37	47	10	21	0,25
47 CT10 19	46104719	1F	19	60,48	58,60	66,5	44	37	47	10	24	0,29
47 CT10 20	46104720	1F	20	63,66	61,80	66,5	46	37	47	12	24	0,32
47 CT10 22	46104722	1F	22	70,03	68,15	75	52	37	47	12	27	0,39
47 CT10 24	46104724	1F	24	76,39	74,55	83	58	37	47	12	29	0,47
47 CT10 25	46104725	1F	25	79,58	77,70	83	60	37	47	12	29	0,53
47 CT10 26	46104726	1F	26	82,76	80,90	87	60	37	47	12	31	0,56
47 CT10 27	46104727	1F	27	85,95	84,10	91	60	37	47	12	32	0,60
47 CT10 28	46104728	1F	28	89,12	87,25	93	60	37	47	12	33	0,64
47 CT10 30	46104730	1F	30	95,49	93,65	97	60	37	47	12	35	0,74
47 CT10 32	46104732	1F	32	101,86	100,00	106	65	37	47	12	38	0,84
47 CT10 36	46104736	1F	36	114,59	112,75	119	70	37	47	16	43	1,06
47 CT10 40	46104740	1F	40	127,32	125,45	131	80	37	47	16	47	1,32
47 CT10 44	46104744	2	44	140,05	138,20	-	88	37	47	16	-	1,61
47 CT10 48	46104748	2	48	152,78	150,95	-	95	37	47	16	-	1,93
47 CT10 60	46104760	2	60	190,98	189,10	-	110	37	47	16	-	3,00



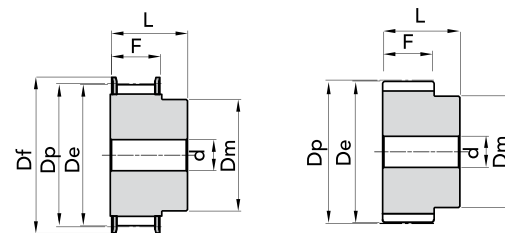
TYPE CT 10

PITCH 10 mm

for belt width 50mm

**T20 pitch pulleys are
manufactured on demand.**

MATERIAL
ALUMINIUM 6082-T6 EN 573



EXEC. 1F

EXEC. 2

TYPE	CODE	EXEC.	N. TEETH	d _p	D _e	d _f FLANGE	d _m HUB	F	L	d	N. FLANGE	Kg
66 CT10 18	46106618	1F	18	57,29	55,45	60	40	56	66	10	21	0,42
66 CT10 19	46106619	1F	19	60,48	58,60	66,5	44	56	66	10	24	0,47
66 CT10 20	46106620	1F	20	63,66	61,80	66,5	46	56	66	12	24	0,52
66 CT10 22	46106622	1F	22	70,03	68,15	75	52	56	66	12	27	0,57
66 CT10 24	46106624	1F	24	76,39	74,55	83	58	56	66	12	29	0,74
66 CT10 25	46106625	1F	25	79,58	77,70	83	60	56	66	12	29	0,77
66 CT10 26	46106626	1F	26	82,76	80,90	87	60	56	66	12	31	0,82
66 CT10 27	46106627	1F	27	85,95	84,10	91	60	56	66	12	32	0,95
66 CT10 28	46106628	1F	28	89,12	87,25	93	60	56	66	12	33	0,96
66 CT10 30	46106630	1F	30	95,49	93,65	97	60	56	66	12	35	1,17
66 CT10 32	46106632	1F	32	101,86	100,00	106	65	56	66	12	38	1,30
66 CT10 36	46106636	1F	36	114,59	112,75	119	70	56	66	16	43	1,64
66 CT10 40	46106640	1F	40	127,32	125,45	131	80	56	66	16	47	2,00
66 CT10 44	46106644	2	44	140,05	138,20	-	88	56	66	16	-	2,36
66 CT10 48	46106648	2	48	152,78	150,95	-	95	56	66	16	-	2,83
66 CT10 60	46106660	2	60	190,98	189,10	-	110	56	66	16	-	4,37

V-belt pulleys

LEGEND

PITCH = *PASSO*

Index

256	FOR TAPER BUSHES
282	PILOT BORE
298	FOR LOCKING ASSEMBLES RCK 15
302	ADJUSTABLE V-BELTS PULLEY PRB TYPE
304	PPV-J MICRO V DIMENSIONS



V-BELT PULLEY

CAST IRON V-BELT PULLEYS

All V-Belt pulleys are manufactured according to the applicable Standard and are made of GG 20 Cast Iron with protective phosphating treatment. Standard pulleys are all statically balanced, which is sufficient for the circumferential speed up to 25 m/s. For higher speeds, dynamic balancing is required, which can be provided on request.

Above 35 m/s, cast iron pulleys are no longer suitable and high-strength materials must be used.

$D = \emptyset$ in meters.

n = number of rpm.

$$V_p = \frac{(\pi \cdot D \cdot n)}{60} = \frac{D \cdot n}{19.1} \text{ m/sec.}$$

All dimensions reported on the dimensional tables are not mandatory although they will be followed as far as possible. We reserve the right to make variations and changes without prior notice.

Features of the gorge									Band width				
PROFILE	Dp	a°	W pg	g	h	b	f	e	N° GROOVES	SPZ	SPA	SPB	SPC
	mm					mm							
SPZ	< 80	34°	8,5	9,7	9	2	8	12	1	16	20	25	34
	> 80	38°							2	28	35	44	59,5
SPA	< 118	34°	11	12,7	11	2,8	10	15	3	40	50	63	85
	> 118	38°							4	52	65	82	111
SPB	< 190	34°	14	16,3	14	3,5	12,5	19	5	64	80	101	136
	> 190	38°							6		95	120	162
SPC	< 315	34°	19	22,0	19	4,8	17	25,5	8			158	213
	> 315	38°							10			196	264





SPZ/01 TYPE

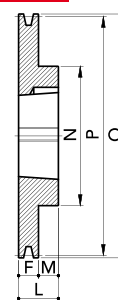
TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

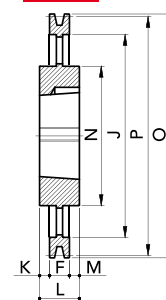
MATERIAL

CAST-IRON G20/25 EN 1561

TYPE 1



TYPE 4



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91100601	SPZ60-01	1	60	64	1	1008	25	-	22	-	-	22	/	/	0,3
91100631	SPZ63-01	1	63	67	1	1108	28	-	16	-	-	22	6	56	0,23
91100671	SPZ67-01	1	67	71	1	1108	28	-	16	-	-	22	6	60	0,3
91100711	SPZ71-01	1	71	75	1	1108	28	-	16	-	-	22	6	60	0,35
91100751	SPZ75-01	1	75	79	1	1108	28	-	16	-	-	22	6	60	0,4
91100801	SPZ80-01	1	80	84	1	1210	32	-	16	-	-	25	9	75	0,49
91100851	SPZ85-01	1	85	89	1	1210	32	-	16	-	-	25	9	80	0,6
91100901	SPZ90-01	1	90	94	1	1210	32	-	16	-	-	25	9	80	0,7
91100951	SPZ95-01	1	95	99	1	1210	32	-	16	-	-	25	9	85	0,8
91101001	SPZ100-01	1	100	104	1	1210	32	-	16	-	-	25	9	85	0,9
91101061	SPZ106-01	1	106	110	1	1610	42	-	16	-	-	25	9	92	0,92
91101121	SPZ112-01	1	112	116	1	1610	42	-	16	-	-	25	9	92	1,03
91101181	SPZ118-01	1	118	122	1	1610	42	-	16	-	-	25	9	92	1,16
91101251	SPZ125-01	1	125	129	1	1610	42	-	16	-	-	25	9	92	1,3
91101321	SPZ132-01	1	132	136	1	1610	42	-	16	-	-	25	9	92	1,45
91101401	SPZ140-01	1	140	144	1	1610	42	-	16	-	-	25	9	92	1,65
91101501	SPZ150-01	1	150	154	1	1610	42	-	16	-	-	25	9	92	1,92
91101601	SPZ160-01	1	160	164	1	1610	42	-	16	-	-	25	9	92	2,17
91101801	SPZ180-01	1	180	184	4	1610	42	-	16	152	-	25	9	92	1,9
91102001	SPZ200-01	1	200	204	4	2012	50	-	16	171	-	32	16	112	2,25
91102241	SPZ224-01	1	224	228	4	2012	50	-	16	195	-	32	16	112	2,93
91102501	SPZ250-01	1	250	254	4	2012	50	-	16	221	8	32	8	112	3,37
91102801	SPZ280-01	1	280	284	4	2012	50	-	16	251	8	32	8	112	3,7
91103151	SPZ315-01	1	315	319	4	2012	50	-	16	286	8	32	8	112	4,32
91103551	SPZ355-01	1	355	359	4	2012	50	-	16	326	8	32	8	112	5,1
91104001	SPZ400-01	1	400	404	4	2012	50	-	16	371	8	32	8	112	5,99
91104501	SPZ450-01	1	450	454	4	2517	65	-	16	421	14,5	45	14,5	124	7,19
91105001	SPZ500-01	1	500	504	4	2517	65	-	16	471	14,5	45	14,5	124	8,5



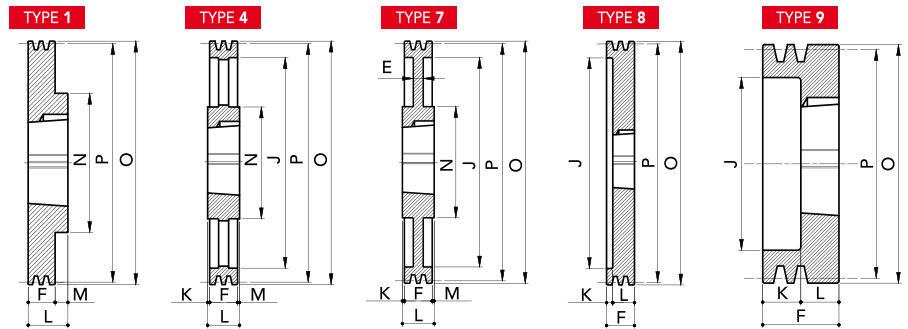
SPZ/02 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91100602	SPZ60-02	2	60	64	9	1108	28	-	49	36	27	22	-	-	0,6
91100632	SPZ63-02	2	63	67	8	1108	28	-	28	40	6	22	-	-	0,3
91100672	SPZ67-02	2	67	71	8	1108	28	-	28	42	6	22	-	-	0,36
91100712	SPZ71-02	2	71	75	8	1108	28	-	28	42	6	22	-	-	0,45
91100752	SPZ75-02	2	75	79	8	1210	32	-	28	51	3	25	-	-	0,41
91100802	SPZ80-02	2	80	84	8	1210	32	-	28	51	3	25	-	-	0,52
91100852	SPZ85-02	2	85	89	8	1610	42	-	28	60	3	25	-	-	0,5
91100902	SPZ90-02	2	90	94	8	1610	42	-	28	61	3	25	-	-	0,63
91100952	SPZ95-02	2	95	99	8	1610	42	-	28	66	3	25	-	-	0,74
91101002	SPZ100-02	2	100	104	8	1610	42	-	28	71	3	25	-	-	0,9
91101062	SPZ106-02	2	106	110	8	1610	42	-	28	76	3	25	-	-	1,05
91101122	SPZ112-02	2	112	116	8	1610	42	-	28	83	3	25	-	-	1,25
91101182	SPZ118-02	2	118	122	8	1610	42	-	28	90	3	25	-	-	1,45
91101252	SPZ125-02	2	125	129	8	1610	42	-	28	96	3	25	-	-	1,65
91101322	SPZ132-02	2	132	136	8	1610	42	-	28	103	3	25	-	-	1,9
91101402	SPZ140-02	2	140	144	8	1610	42	-	28	111	3	25	-	-	2,22
91101502	SPZ150-02	2	150	154	1	2012	50	-	28	-	-	32	4	112	2,74
91101602	SPZ160-02	2	160	164	1	2012	50	-	28	-	-	32	4	112	3,23
91101802	SPZ180-02	2	180	184	7	2012	50	10	28	152	-	32	4	112	3,18
91101902	SPZ190-02	2	190	194	7	2012	50	10	28	162	-	32	4	112	3,45
91102002	SPZ200-02	2	200	204	4	2012	50	-	28	171	-	32	4	112	4,2
91102242	SPZ224-02	2	224	228	4	2012	50	-	28	195	-	32	4	112	3,86
91102502	SPZ250-02	2	250	254	4	2012	50	-	28	221	2	32	2	112	4,22
91102802	SPZ280-02	2	280	284	4	2012	50	-	28	251	2	32	2	112	4,85
91103152	SPZ315-02	2	315	319	4	2012	50	-	28	286	2	32	2	112	5,49
91103552	SPZ355-02	2	355	359	4	2012	50	-	28	326	2	32	2	112	6,19
91104002	SPZ400-02	2	400	404	4	2517	65	-	28	371	8,5	45	8,5	124	8,95
91104502	SPZ450-02	2	450	454	4	2517	65	-	28	421	8,5	45	8,5	124	9,9
91105002	SPZ500-02	2	500	504	4	2517	65	-	28	471	8,5	45	8,5	124	10,25

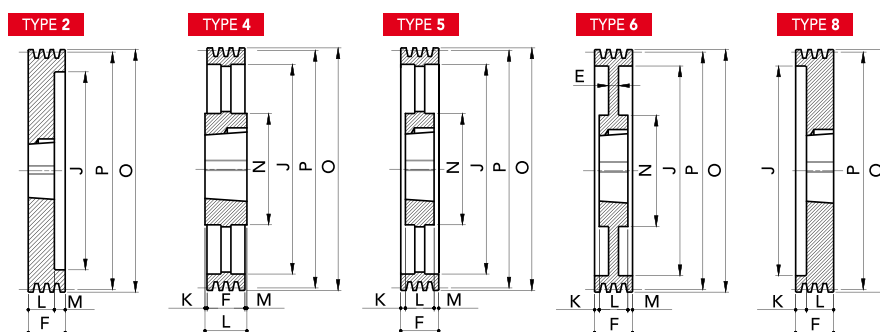


SPZ/03 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91100633	SPZ63-03	3	63	67	8	1108	28	-	40	40	18	22	-	-	0,41
91100673	SPZ67-03	3	67	71	8	1108	28	-	40	42	18	22	-	-	0,5
91100713	SPZ71-03	3	71	75	8	1108	28	-	40	42	18	22	-	-	0,53
91100753	SPZ75-03	3	75	79	8	1210	32	-	40	51	15	25	-	-	0,56
91100803	SPZ80-03	3	80	84	8	1210	32	-	40	51	15	25	-	-	0,7
91100853	SPZ85-03	3	85	89	8	1610	42	-	40	60	15	25	-	-	0,65
91100903	SPZ90-03	3	90	94	8	1610	42	-	40	61	15	25	-	-	0,84
91100953	SPZ95-03	3	95	99	8	1610	42	-	40	66	15	25	-	-	0,99
91101003	SPZ100-03	3	100	104	8	1610	42	-	40	71	15	25	-	-	1,12
91101063	SPZ106-03	3	106	110	8	1610	42	-	40	76	15	25	-	-	1,35
91101123	SPZ112-03	3	112	116	8	2012	50	-	40	83	8	32	-	-	1,37
91101183	SPZ118-03	3	118	122	8	2012	50	-	40	90	8	32	-	-	1,65
91101253	SPZ125-03	3	125	129	2	2012	50	-	40	96	-	32	8	-	1,9
91101323	SPZ132-03	3	132	136	2	2012	50	-	40	103	-	32	8	-	2,27
91101403	SPZ140-03	3	140	144	2	2012	50	-	40	111	-	32	8	-	2,7
91101503	SPZ150-03	3	150	154	2	2012	50	-	40	121	-	32	8	-	3,16
91101603	SPZ160-03	3	160	164	2	2012	50	-	40	131	-	32	8	-	3,77
91101803	SPZ180-03	3	180	184	6	2012	50	7	40	151	-	32	8	106	3,36
91101903	SPZ190-03	3	190	194	6	2012	50	10	40	161	4	32	4	112	3,95
91102003	SPZ200-03	3	200	204	5	2012	50	-	40	171	4	32	4	112	4,15
91102243	SPZ224-03	3	224	228	5	2012	50	-	40	195	4	32	4	112	4,68
91102503	SPZ250-03	3	250	254	5	2012	50	-	40	221	4	32	4	112	5,35
91102803	SPZ280-03	3	280	284	4	2517	65	-	40	251	2,5	45	2,5	124	6,53
91103153	SPZ315-03	3	315	319	4	2517	65	-	40	286	2,5	45	2,5	124	7,3
91103553	SPZ355-03	3	355	359	4	2517	65	-	40	326	2,5	45	2,5	124	8,86
91104003	SPZ400-03	3	400	404	4	2517	65	-	40	371	2,5	45	2,5	124	10,5
91104503	SPZ450-03	3	450	454	4	2517	65	-	40	421	2,5	45	2,5	124	11,6
91105003	SPZ500-03	3	500	504	4	2517	65	-	40	471	2,5	45	2,5	124	13,3



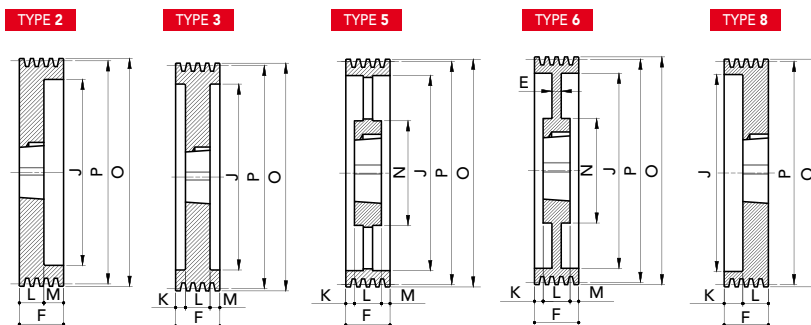
SPZ/04 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91100804	SPZ80-04	4	80	84	8	1210	32	-	52	51	27	25	-	-	0,87
91100854	SPZ85-04	4	85	89	8	1610	42	-	52	60	27	25	-	-	0,84
91100904	SPZ90-04	4	90	94	8	1610	42	-	52	61	27	25	-	-	1,08
91100954	SPZ95-04	4	95	99	8	1610	42	-	52	66	27	25	-	-	1,21
91101004	SPZ100-04	4	100	104	8	1610	42	-	52	71	27	25	-	-	1,38
91101064	SPZ106-04	4	106	110	8	1610	42	-	52	76	27	25	-	-	1,6
91101124	SPZ112-04	4	112	116	8	2012	50	-	52	83	20	32	-	-	1,65
91101184	SPZ118-04	4	118	122	8	2012	50	-	52	90	20	32	-	-	1,97
91101254	SPZ125-04	4	125	129	2	2012	50	-	52	96	-	32	20	-	2,24
91101324	SPZ132-04	4	132	136	2	2012	50	-	52	103	-	32	20	-	2,6
91101404	SPZ140-04	4	140	144	2	2012	50	-	52	111	-	32	20	-	3
91101504	SPZ150-04	4	150	154	2	2517	65	-	52	121	-	45	7	-	3,75
91101604	SPZ160-04	4	160	164	2	2517	65	-	52	131	-	45	7	-	4,45
91101804	SPZ180-04	4	180	184	2	2517	65	-	52	151	-	45	7	-	6,2
91101904	SPZ190-04	4	190	194	3	2517	65	-	52	161	3,5	45	3,5	-	7,1
91102004	SPZ200-04	4	200	204	6	2517	65	8	52	171	3,5	45	3,5	124	5,23
91102244	SPZ224-04	4	224	228	5	2517	65	-	52	195	3,5	45	3,5	124	6,43
91102504	SPZ250-04	4	250	254	5	2517	65	-	52	221	3,5	45	3,5	124	7,5
91102804	SPZ280-04	4	280	284	5	2517	65	-	52	251	3,5	45	3,5	124	9,4
91103154	SPZ315-04	4	315	319	5	2517	65	-	52	286	3,5	45	3,5	124	8,45
91103554	SPZ355-04	4	355	359	5	2517	65	-	52	326	3,5	45	3,5	124	10,37
91104004	SPZ400-04	4	400	404	5	2517	65	-	52	371	3,5	45	3,5	124	12,94
91104504	SPZ450-04	4	450	454	5	3020	75	-	52	421	0,5	51	0,5	146	15,92
91105004	SPZ500-04	4	500	504	5	3020	75	-	52	471	0,5	51	0,5	146	18



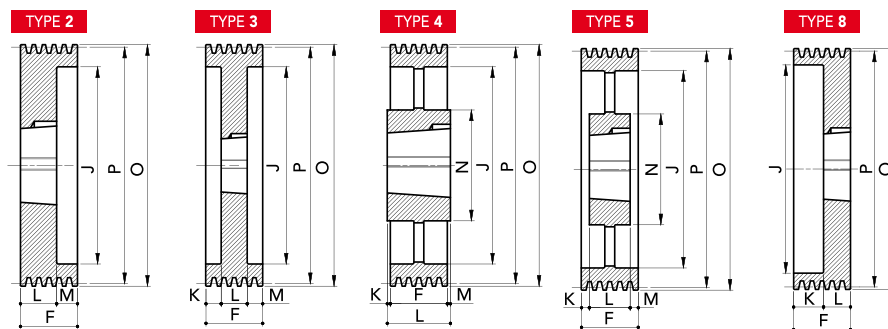
SPZ/05 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91100855	SPZ85-05	5	85	89	8	1610	42	-	64	60	39	25	-	-	1
91100905	SPZ90-05	5	90	94	8	1610	42	-	64	61	39	25	-	-	1,29
91100955	SPZ95-05	5	95	99	8	1610	42	-	64	66	39	25	-	-	1,45
91101005	SPZ100-05	5	100	104	8	2012	50	-	64	71	32	32	-	-	1,4
91101065	SPZ106-05	5	106	110	8	2012	50	-	64	76	32	32	-	-	1,72
91101125	SPZ112-05	5	112	116	8	2012	50	-	64	83	32	32	-	-	1,9
91101185	SPZ118-05	5	118	122	8	2012	50	-	64	90	32	32	-	-	2,2
91101255	SPZ125-05	5	125	129	8	2012	50	-	64	96	32	32	-	-	2,63
91101325	SPZ132-05	5	132	136	8	2517	60	-	64	103	19	45	-	-	2,75
91101405	SPZ140-05	5	140	144	2	2517	60	-	64	111	-	45	19	-	3,34
91101505	SPZ150-05	5	150	154	2	2517	60	-	64	121	-	45	19	-	4,15
91101605	SPZ160-05	5	160	164	2	2517	60	-	64	131	-	45	19	-	4,93
91101805	SPZ180-05	5	180	184	2	2517	60	-	64	151	-	45	19	-	6,72
91102005	SPZ200-05	5	200	204	3	2517	60	-	64	171	9,5	45	9,5	-	8,63
91102245	SPZ224-05	5	224	228	5	2517	60	-	64	195	9,5	45	9,5	124	7,59
91102505	SPZ250-05	5	250	254	5	2517	60	-	64	221	9,5	45	9,5	124	8,3
91102805	SPZ280-05	5	280	284	5	2517	60	-	64	251	9,5	45	9,5	124	9
91103155	SPZ315-05	5	315	319	5	2517	60	-	64	286	9,5	45	9,5	124	10,14
91103555	SPZ355-05	5	355	359	5	2517	60	-	64	326	9,5	45	9,5	124	11,96
91104005	SPZ400-05	5	400	404	5	3020	75	-	64	371	6,5	51	6,5	146	14,5
91104505	SPZ450-05	5	450	454	5	3020	75	-	64	421	6,5	51	6,5	146	17,55
91105005	SPZ500-05	5	500	504	4	3030	75	-	64	471	6	76	6	146	21,15



SPA/01 TYPE

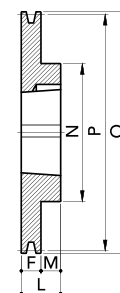
TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

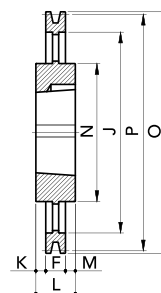
MATERIAL

CAST-IRON G20/25 EN 1561

TYPE 1



TYPE 4



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91200631	SPA63-01	1	63	68,5	1	1008	25	-	20	-	-	22	2	56	0,26
91200711	SPA71-01	1	71	76,5	1	1108	28	-	20	-	-	22	2	60	0,35
91200751	SPA75-01	1	75	80,5	1	1108	28	-	20	-	-	22	2	60	0,4
91200801	SPA80-01	1	80	85,5	1	1210	32	-	20	-	-	25	5	75	0,46
91200851	SPA85-01	1	85	90,5	1	1210	32	-	20	-	-	25	5	80	0,55
91200901	SPA90-01	1	90	95,5	1	1210	42	-	20	-	-	25	5	80	0,65
91200951	SPA95-01	1	95	100,5	1	1210	32	-	20	-	-	25	5	85	0,79
91201001	SPA100-01	1	100	105,5	1	1610	42	-	20	-	-	25	5	85	0,75
91201061	SPA106-01	1	106	111,5	1	1610	42	-	20	-	-	25	5	92	0,92
91201121	SPA112-01	1	112	117,5	1	1610	42	-	20	-	-	25	5	92	1,06
91201181	SPA118-01	1	118	123,5	1	1610	42	-	20	-	-	25	5	92	1,2
91201251	SPA125-01	1	125	130,5	1	1610	42	-	20	-	-	25	5	92	1,41
91201321	SPA132-01	1	132	137,5	1	1610	42	-	20	-	-	25	5	92	1,6
91201401	SPA140-01	1	140	145,5	1	1610	42	-	20	-	-	25	5	92	1,85
91201501	SPA150-01	1	150	155,5	1	1610	42	-	20	-	-	25	5	92	2,15
91201601	SPA160-01	1	160	165,5	1	1610	42	-	20	-	-	25	5	92	2,5
91201701	SPA170-01	1	170	175,5	1	1610	42	-	20	-	-	25	5	92	2,85
91201801	SPA180-01	1	180	185,5	4	1610	42	-	20	145	-	25	5	92	2,21
91201901	SPA190-01	1	190	195,5	4	1610	42	-	20	156	-	25	5	92	2,31
91202001	SPA200-01	1	200	205,5	4	2012	50	-	20	165	-	32	12	108	3
91202121	SPA212-01	1	212	217,5	4	2012	50	-	20	177	-	32	12	110	3,1
91202241	SPA224-01	1	224	229,5	4	2012	50	-	20	189	-	32	12	112	3,33
91202361	SPA236-01	1	236	241,5	4	2012	50	-	20	202	-	32	12	112	3,62
91202501	SPA250-01	1	250	255,5	4	2012	50	-	20	215	6	32	6	112	3,73
91202801	SPA280-01	1	280	285,5	4	2012	50	-	20	245	-	32	12	112	4,08
91203001	SPA300-01	1	300	305,5	4	2012	50	-	20	265	-	32	12	112	4,62
91203151	SPA315-01	1	315	320,5	4	2012	50	-	20	280	-	32	12	112	4,75
91203551	SPA355-01	1	355	360,5	4	2012	50	-	20	320	-	32	12	112	5,57
91204001	SPA400-01	1	400	405,5	4	2012	50	-	20	365	-	32	12	112	6,4
91204501	SPA450-01	1	450	455,5	4	2012	50	-	20	415	-	32	12	112	7,45
91205001	SPA500-01	1	500	505,5	4	2517	65	-	20	465	-	45	25	124	9,3
91206301	SPA630-01	1	630	636	4	2517	65	-	20	595	-	45	25	124	12





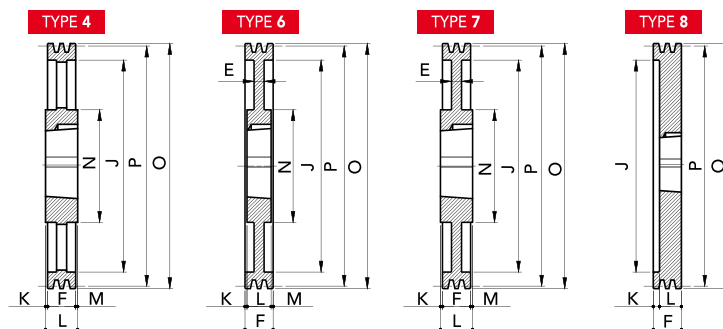
SPA/02 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91200712	SPA71-02	2	71	76,5	8	1108	28	-	35	40	13	22	-	-	0,51
91200752	SPA75-02	2	75	80,5	8	1108	28	-	35	44	13	22	-	-	0,59
91200802	SPA80-02	2	80	85,5	8	1210	32	-	35	50	10	25	-	-	0,55
91200852	SPA85-02	2	85	90,5	8	1210	32	-	35	55	10	25	-	-	0,7
91200902	SPA90-02	2	90	95,5	8	1610	42	-	35	59	10	25	-	-	0,7
91200952	SPA95-02	2	95	100,5	8	1610	42	-	35	63	10	25	-	-	0,83
91201002	SPA100-02	2	100	105,5	8	1610	42	-	35	66	10	25	-	-	1
91201062	SPA106-02	2	106	111,5	8	1610	42	-	35	72	10	25	-	-	1,15
91201122	SPA112-02	2	112	117,5	8	1610	42	-	35	78	10	25	-	-	1,39
91201182	SPA118-02	2	118	123,5	8	1610	42	-	35	84	10	25	-	-	1,57
91201252	SPA125-02	2	125	130,5	8	1610	42	-	35	91	10	25	-	-	1,85
91201322	SPA132-02	2	132	137,5	8	2012	50	-	35	98	3	32	-	-	2,1
91201402	SPA140-02	2	140	145,5	8	2012	50	-	35	106	3	32	-	-	2,25
91201502	SPA150-02	2	150	155,5	8	2012	50	-	35	116	3	32	-	-	3
91201602	SPA160-02	2	160	165,5	8	2012	50	-	35	125	3	32	-	-	3,5
91201702	SPA170-02	2	170	175,5	8	2012	50	-	35	135	3	32	-	-	4,1
91201802	SPA180-02	2	180	185,5	6	2012	50	10	35	146	1,5	32	1,5	108	3,54
91201902	SPA190-02	2	190	195,5	6	2012	50	10	35	156	1,5	32	1,5	108	3,84
91202002	SPA200-02	2	200	205,5	7	2517	65	10	35	165	5	45	5	123	4,7
91202122	SPA212-02	2	212	217,5	4	2517	65	-	35	177	5	45	5	123	4,93
91202242	SPA224-02	2	224	229,5	4	2517	65	-	35	189	-	45	10	124	5,17
91202362	SPA236-02	2	236	241,5	4	2517	65	-	35	202	-	45	10	124	5,2
91202502	SPA250-02	2	250	255,5	4	2517	65	-	35	215	5	45	5	124	5,82
91202802	SPA280-02	2	280	285,5	4	2517	65	-	35	245	-	45	10	124	6,45
91203002	SPA300-02	2	300	305,5	4	2517	65	-	35	265	-	45	10	124	6,95
91203152	SPA315-02	2	315	320,5	4	2517	65	-	35	280	-	45	10	124	7,34
91203552	SPA355-02	2	355	360,5	4	2517	65	-	35	320	-	45	10	124	9,36
91204002	SPA400-02	2	400	405,5	4	2517	65	-	35	365	-	45	10	124	10,2
91204502	SPA450-02	2	450	455,5	4	2517	65	-	35	415	-	45	10	124	11,64
91205002	SPA500-02	2	500	505,5	4	2517	65	-	35	465	-	45	10	125	13,25
91206302	SPA630-02	2	630	635,5	4	3020	75	-	35	595	8	51	8	159	19,1



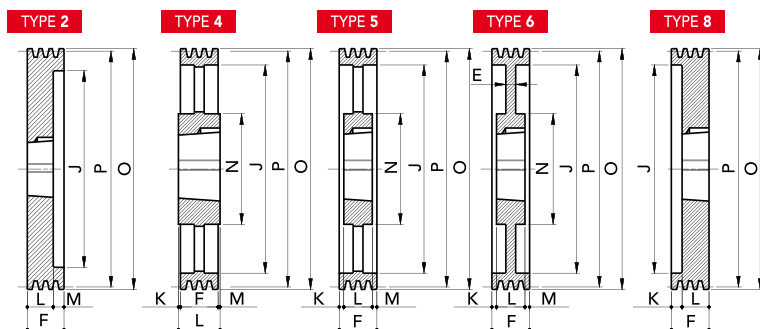
SPA/03 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	3	71	76,5	8	1108	28	-	50	40	28	22	-	-	0,7
91200713	SPA71-03	3	71	76,5	8	1108	28	-	50	40	28	22	-	-	0,7
91200753	SPA75-03	3	75	80,5	8	1108	28	-	50	44	28	22	-	-	0,8
91200803	SPA80-03	3	80	85,5	8	1210	32	-	50	50	25	25	-	-	0,8
91200853	SPA85-03	3	85	90,5	8	1210	32	-	50	55	25	25	-	-	0,94
91200903	SPA90-03	3	90	95,5	8	1610	42	-	50	59	25	25	-	-	0,95
91200953	SPA95-03	3	95	100,5	8	1610	42	-	50	63	25	25	-	-	1,12
91201003	SPA100-03	3	100	105,5	2	1610	42	-	50	66	-	25	25	-	1,3
91201063	SPA106-03	3	106	111,5	2	1610	42	-	50	72	-	25	25	-	1,52
91201123	SPA112-03	3	112	117,5	8	2012	50	-	50	78	18	32	-	-	1,57
91201183	SPA118-03	3	118	123,5	2	2012	50	-	50	84	-	32	18	-	1,85
91201253	SPA125-03	3	125	130,5	2	2012	50	-	50	91	-	32	18	-	2,2
91201323	SPA132-03	3	132	137,5	2	2012	50	-	50	98	-	32	18	-	2,53
91201403	SPA140-03	3	140	145,5	8	2517	65	-	50	106	5	45	-	-	2,87
91201503	SPA150-03	3	150	155,5	8	2517	60	-	50	116	5	45	-	-	3,55
91201603	SPA160-03	3	160	165,5	8	2517	65	-	50	125	5	45	-	-	4,33
91201703	SPA170-03	3	170	175,5	8	2517	65	-	50	135	5	45	-	-	5,1
91201803	SPA180-03	3	180	185,5	8	2517	65	-	50	146	5	45	-	-	6
91201903	SPA190-03	3	190	195,5	8	2517	65	-	50	156	5	45	-	-	6,92
91202003	SPA200-03	3	200	205,5	6	2517	65	20	50	165	2,5	45	2,5	123	6,15
91202123	SPA212-03	3	212	217,5	5	2517	65	-	50	177	2,5	45	2,5	123	6,03
91202243	SPA224-03	3	224	229,5	5	2517	65	-	50	189	2,5	45	2,5	124	6,4
91202363	SPA236-03	3	236	241,5	5	2517	65	-	50	202	2,5	45	2,5	124	6,8
91202503	SPA250-03	3	250	255,5	5	2517	65	-	50	215	2,5	45	2,5	124	7,25
91202803	SPA280-03	3	280	285,5	5	2517	65	-	50	245	2,5	45	2,5	124	8,15
91203003	SPA300-03	3	300	305,5	4	3020	75	-	50	265	0,5	51	0,5	150	10,04
91203153	SPA315-03	3	315	320,5	4	3020	75	-	50	280	0,5	51	0,5	159	11,32
91203353	SPA335-03	3	335	340,5	4	3020	75	-	50	300	0,5	51	0,5	159	12,04
91203553	SPA355-03	3	355	360,5	4	3020	75	-	50	320	0,5	51	0,5	159	12,75
91204003	SPA400-03	3	400	405,5	4	3020	75	-	50	365	-	51	1	159	14,46
91204503	SPA450-03	3	450	455,5	4	3020	75	-	50	415	-	51	1	159	16,7
91205003	SPA500-03	3	500	505,5	4	3020	75	-	50	465	-	51	1	159	19,17
91205603	SPA560-03	3	560	565,5	4	3020	75	-	50	525	-	51	1	159	21,45
91206303	SPA630-03	3	630	635,5	4	3020	75	-	50	595	-	51	1	159	25,2
91208003	SPA800-03	3	800	805,5	4	3535	90	-	50	765	19,5	89	19,5	175	40





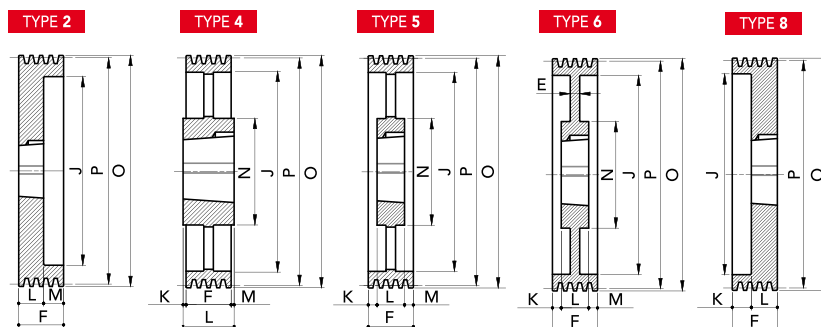
SPA/04 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91200904	SPA90-04	4	90	96	8	1615	42	-	65	59	27	38	-	-	1,25
91200954	SPA95-04	4	95	100,5	8	1615	42	-	65	63	27	38	-	-	1,5
91201004	SPA100-04	4	100	105,5	2	1615	42	-	65	66	-	38	27	-	1,75
91201064	SPA106-04	4	106	111,5	8	2012	50	-	65	72	33	32	-	-	1,66
91201124	SPA112-04	4	112	117,5	8	2012	50	-	65	78	33	32	-	-	1,9
91201184	SPA118-04	4	118	123,5	2	2012	50	-	65	84	-	32	33	-	2,22
91201254	SPA125-04	4	125	130,5	2	2012	50	-	65	91	-	32	33	-	2,63
91201324	SPA132-04	4	132	137,5	2	2517	65	-	65	98	-	45	20	-	2,79
91201404	SPA140-04	4	140	145,5	2	2517	65	-	65	106	-	45	20	-	3,35
91201504	SPA150-04	4	150	155,5	2	2517	65	-	65	116	-	45	20	-	4,05
91201604	SPA160-04	4	160	165,5	2	2517	65	-	65	125	-	45	20	-	4,9
91201704	SPA170-04	4	170	175,5	2	2517	65	-	65	135	-	45	20	-	5,75
91201804	SPA180-04	4	180	185,5	2	2517	65	-	65	146	-	45	20	-	6,65
91201904	SPA190-04	4	190	195,5	2	2517	65	-	65	156	-	45	20	-	7,55
91202004	SPA200-04	4	200	205,5	2	3020	75	-	65	165	-	51	14	-	8,1
91202124	SPA212-04	4	212	217,5	2	3020	75	-	65	177	-	51	14	-	9,55
91202244	SPA224-04	4	224	229,5	2	3020	75	-	65	189	-	51	14	-	11,06
91202364	SPA236-04	4	236	241,5	6	3020	75	20	56	202	-	51	14	159	9,85
91202504	SPA250-04	4	250	255,5	5	3020	75	-	65	215	7	51	7	159	9,95
91202804	SPA280-04	4	280	285,5	5	3020	75	-	65	245	7	51	7	159	11,4
91203004	SPA300-04	4	300	305,5	5	3020	75	-	65	265	7	51	7	159	12,25
91203154	SPA315-04	4	315	320,5	5	3020	75	-	65	280	7	51	7	159	12,95
91203354	SPA335-04	4	335	340,5	5	3020	75	-	65	300	7	51	7	159	13,5
91203554	SPA355-04	4	355	360,5	5	3020	75	-	65	320	7	51	7	159	14,48
91204004	SPA400-04	4	400	405,5	5	3020	75	-	65	365	7	51	7	159	16,42
91204504	SPA450-04	4	450	455,5	5	3020	75	-	65	415	7	51	7	159	19,45
91205004	SPA500-04	4	500	505,5	5	3020	75	-	65	465	7	51	7	159	21,9
91205604	SPA560-04	4	560	565,5	4	3535	90	-	65	525	12	89	12	175	28,5
91206304	SPA630-04	4	630	635,5	4	3535	90	-	65	595	12	89	12	175	32,55
91208004	SPA800-04	4	800	805,5	4	3535	90	-	65	765	12	89	12	175	45,05



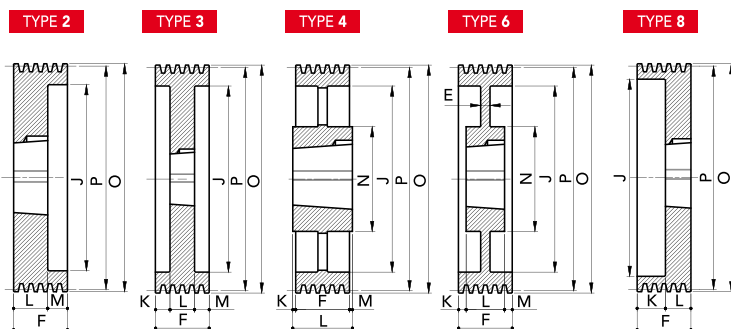
SPA/05 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91201005	SPA100-05	5	100	105,5	2	1615	42	-	80	66	-	38	42	-	2,06
91201065	SPA106-05	5	106	111,5	8	2012	50	-	80	72	48	32	-	-	2,01
91201125	SPA112-05	5	112	117,5	8	2012	50	-	80	78	48	32	-	-	2,31
91201185	SPA118-05	5	118	123,5	2	2012	50	-	80	84	-	32	48	-	2,6
91201255	SPA125-05	5	125	130,5	3	2012	50	-	80	91	24	32	24	-	3,1
91201325	SPA132-05	5	132	137,5	3	2517	65	-	80	98	17,5	45	17,5	-	3,24
91201405	SPA140-05	5	140	145,5	3	2517	65	-	80	106	17,5	45	17,5	-	3,85
91201505	SPA150-05	5	150	155,5	3	2517	65	-	80	116	17,5	45	17,5	-	4,62
91201605	SPA160-05	5	160	165,5	3	2517	65	-	80	125	17,5	45	17,5	-	5,55
91201705	SPA170-05	5	170	175,5	3	2517	65	-	80	135	17,5	45	17,5	-	6,45
91201805	SPA180-05	5	180	185,5	3	3020	75	-	80	146	14,5	51	14,5	-	6,6
91201905	SPA190-05	5	190	195,5	2	3020	75	-	80	156	-	51	29	-	7,7
91202005	SPA200-05	5	200	205,5	3	3020	75	-	80	165	14,5	51	14,5	-	8,94
91202125	SPA212-05	5	212	217,5	2	3020	75	-	80	177	-	51	29	-	10,35
91202245	SPA224-05	5	224	229,5	2	3020	75	-	80	189	-	51	29	-	11,95
91202365	SPA236-05	5	236	241,5	2	3020	75	-	80	202	-	51	29	-	13,6
91202505	SPA250-05	5	250	255,5	6	3020	75	20	80	215	14,5	51	14,5	159	12,06
91202805	SPA280-05	5	280	285,5	4	3535	90	-	80	245	4,5	89	4,5	175	16,25
91203005	SPA300-05	5	300	305,5	4	3535	90	-	80	265	4,5	89	4,5	175	17,12
91203155	SPA315-05	5	315	320,5	4	3535	90	-	80	280	4,5	89	4,5	175	17,86
91203355	SPA335-05	5	335	340,5	4	3535	90	-	80	300	4,5	89	4,5	175	19,31
91203555	SPA355-05	5	355	360,5	4	3535	90	-	80	320	4,5	89	4,5	175	20,75
91204005	SPA400-05	5	400	405,5	4	3535	90	-	80	365	4,5	89	4,5	175	22,83
91204505	SPA450-05	5	450	455,5	4	3535	90	-	80	415	4,5	89	4,5	175	25,28
91205005	SPA500-05	5	500	505,5	4	3535	90	-	80	465	4,5	89	4,5	175	29,5
91205605	SPA560-05	5	560	565,5	4	3535	90	-	80	525	4,5	89	4,5	175	33,5
91206305	SPA630-05	5	630	635,5	4	3535	90	-	80	595	4,5	89	4,5	175	37,04
91208005	SPA800-05	5	800	805,5	4	4040	110	-	80	765	11	102	11	210	50





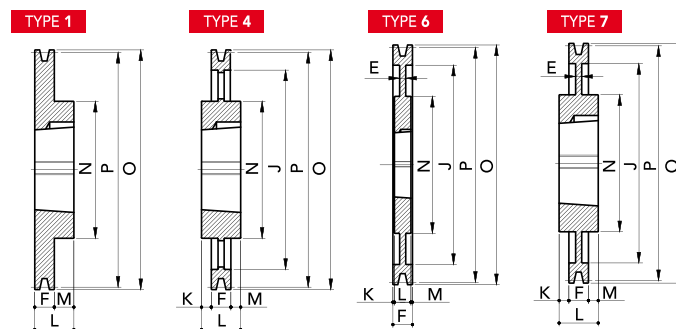
SPB/01 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301001	SPB100-01	1	100	107	1	1610	42	-	25	-	-	25	-	-	0,76
91301061	SPB106-01	1	106	113	1	1610	42	-	25	-	-	25	-	-	0,9
91301121	SPB112-01	1	112	119	1	1610	42	-	25	-	-	25	-	-	1,1
91301181	SPB118-01	1	118	125	1	1610	42	-	25	-	-	25	-	-	1,25
91301251	SPB125-01	1	125	132	1	1610	42	-	25	-	-	25	-	-	1,5
91301321	SPB132-01	1	132	139	1	1610	42	-	25	-	-	25	-	-	1,7
91301401	SPB140-01	1	140	147	1	1610	42	-	25	-	-	25	-	-	2
91301501	SPB150-01	1	150	157	1	1610	42	-	25	-	-	25	-	-	2,4
91301601	SPB160-01	1	160	167	1	1610	42	-	25	-	-	25	-	-	2,8
91301701	SPB170-01	1	170	177	1	1610	42	-	25	-	-	25	-	-	3,2
91301801	SPB180-01	1	180	187	6	1610	42	12	25	132	-	25	-	90	3,03
91301901	SPB190-01	1	190	197	7	2012	50	12	25	147	3,5	32	3,5	104	3,45
91302001	SPB200-01	1	200	207	4	2012	50	-	25	157	3,5	32	3,5	104	3,52
91302121	SPB212-01	1	212	219	4	2012	50	-	25	169	3,5	32	3,5	104	3,75
91302241	SPB224-01	1	224	231	4	2012	50	-	25	181	3,5	32	3,5	104	4
91302361	SPB236-01	1	236	243	4	2012	50	-	25	193	3,5	32	3,5	104	4,1
91302501	SPB250-01	1	250	257	4	2012	50	-	25	207	3,5	32	3,5	104	4,45
91302801	SPB280-01	1	280	287	4	2012	50	-	25	237	3,5	32	3,5	104	5,17
91303001	SPB300-01	1	300	307	4	2012	50	-	25	258	3,5	32	3,5	104	5,45
91303151	SPB315-01	1	315	322	4	2012	50	-	25	272	3,5	32	3,5	104	6,05



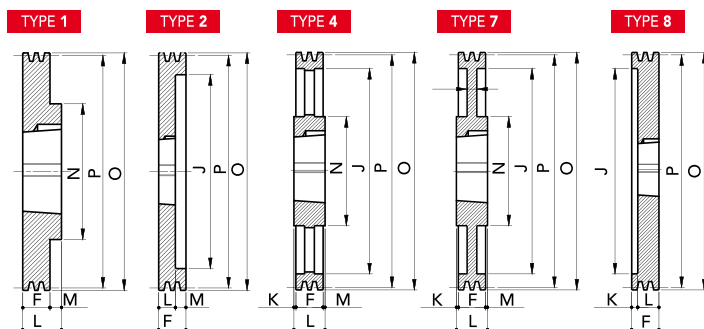
SPB/02 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301002	SPB100-02	2	100	107	8	1610	42	-	44	62	19	25	-	-	1,16
91301062	SPB106-02	2	106	113	8	1610	42	-	44	67	19	25	-	-	1,35
91301122	SPB112-02	2	112	119	8	1610	42	-	44	72	19	25	-	-	1,6
91301182	SPB118-02	2	118	125	2	1610	42	-	44	78	-	25	19	-	1,83
91301252	SPB125-02	2	125	132	2	2012	50	-	44	82	-	32	12	-	2,2
91301322	SPB132-02	2	132	139	2	2012	50	-	44	89	-	32	12	-	2,33
91301402	SPB140-02	2	140	147	2	2012	50	-	44	97	-	32	12	-	2,71
91301502	SPB150-02	2	150	157	2	2012	50	-	44	107	-	32	12	-	3,25
91301602	SPB160-02	2	160	167	2	2012	50	-	44	117	-	32	12	-	3,8
91301702	SPB170-02	2	170	177	2	2012	50	-	44	127	-	32	12	-	4,4
91301802	SPB180-02	2	180	187	1	2517	65	-	44	-	-	45	1	120	5,45
91301902	SPB190-02	2	190	197	1	2517	65	-	44	-	-	45	1	120	6,3
91302002	SPB200-02	2	200	207	1	2517	65	-	44	-	-	45	1	117	7,3
91302122	SPB212-02	2	212	219	7	2517	65	15	44	169	-	45	1	117	6,05
91302242	SPB224-02	2	224	231	4	2517	65	-	44	181	-	45	1	117	5,84
91302362	SPB236-02	2	236	243	4	2517	65	-	44	193	-	45	1	117	6,28
91302502	SPB250-02	2	250	257	4	2517	65	-	44	207	-	45	1	125	7
91302802	SPB280-02	2	280	287	4	2517	65	-	44	237	-	45	1	125	8,06
91303002	SPB300-02	2	300	307	4	2517	65	-	44	257	-	45	1	125	8,67
91303152	SPB315-02	2	315	322	4	2517	65	-	44	272	-	45	1	125	9,15
91303352	SPB335-02	2	335	342	4	2517	65	-	44	292	-	45	1	125	9,82
91303552	SPB355-02	2	355	362	4	3020	75	-	44	312	3,5	51	3,5	144	10,98
91304002	SPB400-02	2	400	407	4	3020	75	-	44	357	3,5	51	3,5	150	13,6
91304502	SPB450-02	2	450	457	4	3020	75	-	44	407	3,5	51	3,5	150	15,2
91305002	SPB500-02	2	500	507	4	3020	75	-	44	457	3,5	51	3,5	150	17,14
91305602	SPB560-02	2	560	567	4	3030	75	-	44	517	4	76	28	150	21,55





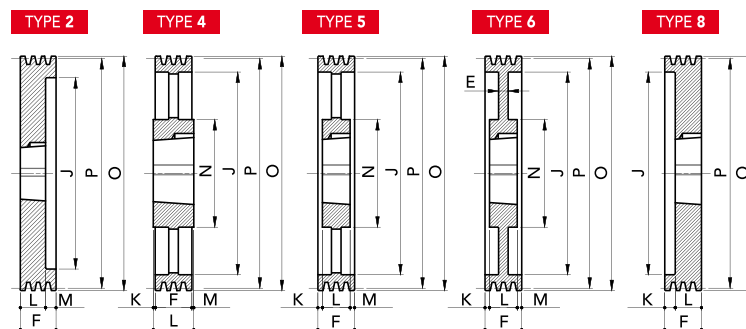
SPB/03 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301063	SPB106-03	3	106	113	8	1610	42	-	63	67	38	25	-	-	1,80
91301123	SPB112-03	3	112	119	8	1610	42	-	63	72	38	25	-	-	2,08
91301183	SPB118-03	3	118	125	2	1610	42	-	63	78	-	25	38	-	2,35
91301253	SPB125-03	3	125	132	2	2012	50	-	63	82	-	32	31	-	2,60
91301323	SPB132-03	3	132	139	2	2012	50	-	63	89	-	32	31	-	3,00
91301403	SPB140-03	3	140	147	2	2012	50	-	63	97	-	32	31	-	3,45
91301503	SPB150-03	3	150	157	2	2517	65	-	63	107	-	45	18	-	3,9
91301603	SPB160-03	3	160	167	2	2517	65	-	63	117	-	45	18	-	4,72
91301703	SPB170-03	3	170	177	2	2517	65	-	63	127	-	45	18	-	5,55
91301803	SPB180-03	3	180	187	2	2517	65	-	63	137	-	45	18	-	6,42
91301903	SPB190-03	3	190	197	2	2517	65	-	63	147	-	45	18	-	7,37
91302003	SPB200-03	3	200	207	2	2517	65	-	63	157	-	45	18	-	8,55
91302123	SPB212-03	3	212	219	6	2517	65	15	63	169	-	45	18	117	7,37
91302243	SPB224-03	3	224	231	5	2517	65	-	63	181	-	45	18	117	7,47
91302363	SPB236-03	3	236	243	5	2517	65	-	63	193	-	45	18	117	7,95
91302503	SPB250-03	3	250	257	5	3020	75	-	63	207	-	51	12	144	9,53
91302803	SPB280-03	3	280	287	5	3020	75	-	63	237	6	51	6	144	10,86
91303003	SPB300-03	3	300	307	5	3020	75	-	63	257	6	51	6	144	11,45
91303153	SPB315-03	3	315	322	5	3020	75	-	63	272	6	51	6	144	12,25
91303353	SPB335-03	3	335	342	5	3020	75	-	63	292	6	51	6	144	12,75
91303553	SPB355-03	3	355	362	5	3020	75	-	63	312	6	51	6	144	14,85
91304003	SPB400-03	3	400	407	4	3535	90	-	63	357	13	89	13	175	20,95
91304253	SPA425-03	3	425	432	4	3535	90	-	63	382	-	89	26	175	23,07
91304503	SPB450-03	3	450	457	4	3535	90	-	63	407	-	89	26	175	24,50
91305003	SPB500-03	3	500	507	4	3535	90	-	63	457	-	89	26	175	27,50
91305603	SPB560-03	3	560	567	4	3535	90	-	63	517	-	89	26	175	29,32
91306303	SPB630-03	3	630	637	4	3535	90	-	63	587	-	89	26	175	35,10
91307103	SPB710-03	3	710	717	4	3535	90	-	63	664	13	89	13	175	42,30
91308003	SPB800-03	3	800	807	4	3535	90	-	63	754	13	89	13	175	48,75
91309003	SPB900-03	3	900	907	4	3535	90	-	63	854	13	89	13	175	55,50
91310003	SPB1000-03	3	1000	1007	4	4040	110	-	63	954	19,5	102	19,5	210	76,40
91312503	SPB1250-03	3	1250	1257	4	4040	110	-	63	1204	19,5	102	19,5	210	102,00



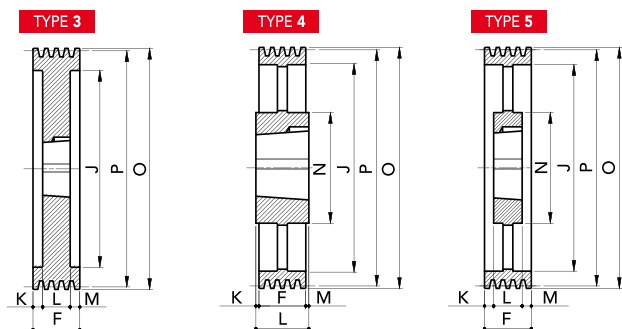
SPB/04 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301254	SPB125-04	4	125	132	3	2012	50	-	82	82	25	32	25	-	3,27
91301324	SPB132-04	4	132	139	3	2012	50	-	82	89	25	32	25	-	3,65
91301404	SPB140-04	4	140	147	3	2517	65	-	82	100	18,5	45	18,5	-	3,76
91301504	SPB150-04	4	150	157	3	2517	65	-	82	107	18,5	45	18,5	-	4,7
91301604	SPB160-04	4	160	167	3	2517	65	-	82	117	18,5	45	18,5	-	5,55
91301704	SPB170-04	4	170	177	3	2517	65	-	82	127	18,5	45	18,5	-	6,48
91301804	SPB180-04	4	180	187	3	2517	65	-	82	137	18,5	45	18,5	-	7,4
91301904	SPB190-04	4	190	197	3	2517	65	-	82	147	18,5	45	18,5	-	8,4
91302004	SPB200-04	4	200	207	3	3020	75	-	82	157	15,5	51	15,5	-	9,14
91302124	SPB212-04	4	212	219	3	3020	75	-	82	169	15,5	51	15,5	-	10,6
91302244	SPB224-04	4	224	231	3	3020	75	-	82	181	15,5	51	15,5	-	12,1
91302364	SPB236-04	4	236	243	3	3020	75	-	82	193	15,5	51	15,5	-	13,8
91302504	SPB250-04	4	250	257	5	3020	75	-	82	207	15,5	51	15,5	144	11,2
91302804	SPB280-04	4	280	287	5	3020	75	-	82	237	15,5	51	15,5	144	12,95
91303004	SPB300-04	4	300	307	4	3535	90	-	82	257	-	89	7	175	18,25
91303154	SPB315-04	4	315	322	4	3535	90	-	82	272	3,5	89	3,5	175	19,25
91303354	SPB335-04	4	335	342	4	3535	90	-	82	292	3,5	89	3,5	175	20,75
91303554	SPB355-04	4	355	362	4	3535	90	-	82	312	3,5	89	3,5	175	21,62
91303754	SPB375-04	4	375	382	4	3535	90	-	82	332	3,5	89	3,5	175	23,05
91304004	SPB400-04	4	400	407	4	3535	90	-	82	357	3,5	89	3,5	175	24,76
91304504	SPB450-04	4	450	457	4	3535	90	-	82	407	-	89	7	175	27,83
91305004	SPB500-04	4	500	507	4	3535	90	-	82	457	-	89	7	175	30,84
91305604	SPB560-04	4	560	567	4	3535	90	-	82	517	-	89	7	175	36,05
91306304	SPB630-04	4	630	637	4	3535	90	-	82	587	-	89	7	175	40,12
91307104	SPB710-04	4	710	717	4	3535	90	-	82	664	3,5	89	3,5	175	47,5
91308004	SPB800-04	4	800	807	4	4040	110	-	82	754	10	102	10	210	63,4
91309004	SPB900-04	4	900	907	4	4040	110	-	82	854	10	102	10	210	75
91310004	SPB1000-04	4	1000	1007	4	4040	110	-	82	954	10	102	10	210	86,15
91312504	SPB1250-04	4	1250	1257	4	4545	110	-	82	1204	16	114	16	242	116





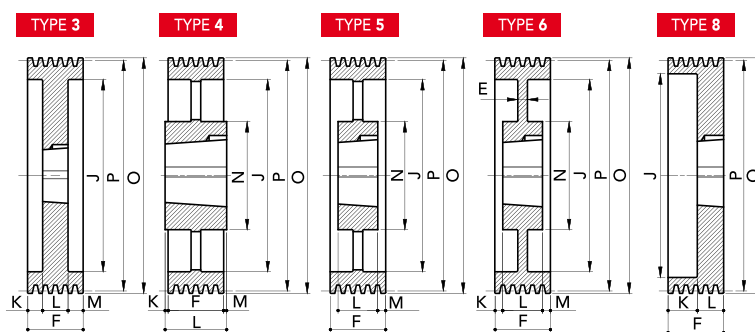
SPB/05 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301255	SPB125-05	5	125	132	8	2012	50	-	101	87	69	32	-	-	3,55
91301325	SPB132-05	5	132	139	8	2517	60	-	101	94	56	45	-	-	3,65
91301405	SPB140-05	5	140	147	3	2517	60	-	101	97	28	45	28	-	4,6
91301505	SPB150-05	5	150	157	3	2517	60	-	101	107	28	45	28	-	5,5
91301605	SPB160-05	5	160	167	3	2517	60	-	101	117	28	45	28	-	6,45
91301705	SPB170-05	5	170	177	3	3020	75	-	101	127	25	51	25	-	6,53
91301805	SPB180-05	5	180	187	3	3020	75	-	101	137	25	51	25	-	7,55
91301905	SPB190-05	5	190	197	3	3020	75	-	101	147	25	51	25	-	8,81
91302005	SPB200-05	5	200	207	3	3020	75	-	101	157	25	51	25	-	10,25
91302125	SPB212-05	5	212	219	3	3020	75	-	101	169	25	51	25	-	11,8
91302245	SPB224-05	5	224	231	3	3020	75	-	101	181	25	51	25	-	13,5
91302365	SPB236-05	5	236	243	3	3535	90	-	101	193	6	89	6	-	19,08
91302505	SPB250-05	5	250	257	3	3535	90	-	101	207	6	89	6	-	20,32
91302805	SPB280-05	5	280	287	6	3535	90	25	101	237	6	89	6	175	20,9
91303005	SPB300-05	5	300	307	5	3535	90	-	101	257	6	89	6	175	19,45
91303155	SPB315-05	5	315	322	5	3535	90	-	101	272	6	89	6	175	20,2
91303355	SPB335-05	5	335	342	5	3535	90	-	101	292	6	89	6	175	22,7
91303555	SPB355-05	5	355	362	5	3535	90	-	101	312	6	89	6	175	24,3
91304005	SPB400-05	5	400	407	5	3535	90	-	101	357	6	89	6	175	27,78
91304255	SPB425-05	5	425	432	5	3535	90	-	101	382	6	89	6	175	29,40
91304505	SPB450-05	5	450	457	5	3535	90	-	101	407	-	89	12	175	31,35
91305005	SPB500-05	5	500	507	5	3535	90	-	101	457	-	89	12	175	35,15
91305605	SPB560-05	5	560	567	4	4040	100	-	101	517	-	102	1	210	45,3
91306305	SPB630-05	5	630	637	4	4040	100	-	101	587	-	102	1	210	50,15
91307105	SPB710-05	5	710	717	4	4040	100	-	101	664	-	102	1	210	60,2
91308005	SPB800-05	5	800	807	4	4040	100	-	101	754	-	102	1	210	68
91310005	SPB1000-05	5	1000	1007	4	4545	110	-	101	954	6,5	114	6,5	242	99,75
91312505	SPB1250-05	5	1250	1257	4	4545	110	-	101	1204	6,5	114	6,5	242	133,2



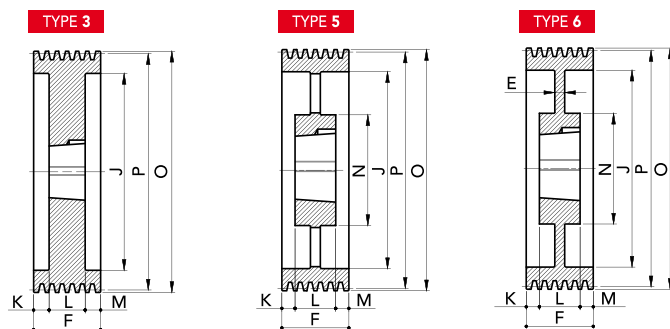
SPB/06 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301406	SPB140-06	6	140	147	3	2517	65	-	120	100	37,5	45	37,5	-	5,1
91301506	SPB150-06	6	150	157	3	2517	65	-	120	107	37,5	45	37,5	-	6,25
91301606	SPB160-06	6	160	167	3	3020	75	-	120	119	34,5	51	34,5	-	6,18
91301706	SPB170-06	6	170	177	3	3020	75	-	120	127	34,5	51	34,5	-	7,35
91301806	SPB180-06	6	180	187	3	3020	75	-	120	137	34,5	51	34,5	-	8,57
91301906	SPB190-06	6	190	197	3	3020	75	-	120	147	34,5	51	34,5	-	9,75
91302006	SPB200-06	6	200	207	3	3020	75	-	120	157	34,5	51	34,5	-	11,46
91302126	SPB212-06	6	212	219	3	3535	90	-	120	169	15,5	89	15,5	-	14,95
91302246	SPB224-06	6	224	231	3	3535	90	-	120	181	15,5	89	15,5	-	17,57
91302366	SPB236-06	6	236	243	3	3535	90	-	120	193	15,5	89	15,5	-	20,25
91302506	SPB250-06	6	250	257	3	3535	90	-	120	207	15,5	89	15,5	-	23,74
91302806	SPB280-06	6	280	287	6	3535	90	25	120	237	15,5	89	15,5	175	22,52
91303006	SPB300-06	6	300	307	5	3535	90	-	120	257	15,5	89	15,5	175	22,35
91303156	SPB315-06	6	315	322	5	3535	90	-	120	272	15,5	89	15,5	175	23,55
91303356	SPB335-06	6	335	342	5	3535	90	-	120	292	15,5	89	15,5	175	25,05
91303556	SPB355-06	6	355	362	5	3535	90	-	120	312	15,5	89	15,5	175	26,08
91304006	SPB400-06	6	400	407	5	3535	90	-	120	357	15,5	89	15,5	175	29,85
91304506	SPB450-06	6	450	457	5	4040	110	-	120	407	-	102	18	210	39,3
91305006	SPB500-06	6	500	507	5	4040	110	-	120	457	-	102	18	210	43,43
91305606	SPB560-06	6	560	567	5	4040	110	-	120	517	-	102	18	210	48,55
91306306	SPB630-06	6	630	637	5	4040	110	-	120	587	-	102	18	210	54,7
91307106	SPB710-06	6	710	717	5	4040	110	-	120	664	9	102	9	210	65,98
91308006	SPB800-06	6	800	807	5	4545	110	-	120	754	3	114	3	242	77,52
91310006	SPB1000-06	6	1000	1007	5	4545	110	-	120	954	3	114	3	242	111
91312506	SPB1250-06	6	1250	1257	5	4545	110	-	120	1204	3	114	3	242	144





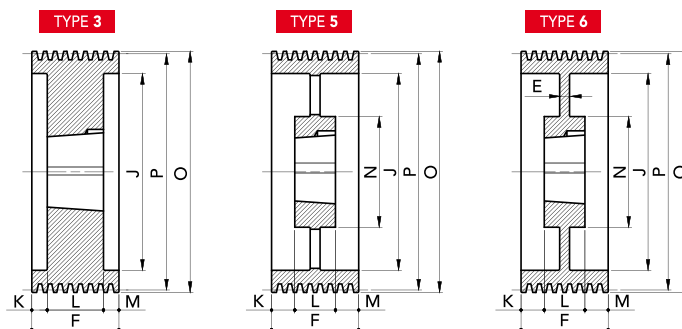
SPB/08 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91301408	SPB140-08	8	140	147	3	2517	65	-	158	97	56,5	45	56,5	-	6,78
91301608	SPB160-08	8	160	167	3	3020	65	-	158	118	53,5	51	53,5	-	7,85
91301808	SPB180-08	8	180	187	3	3030	75	-	158	137	41	76	41	-	12
91301908	SPB190-08	8	190	197	3	3030	75	-	158	147	41	76	41	-	13,55
91302008	SPB200-08	8	200	207	3	3535	75	-	158	157	34,5	89	34,5	-	14,6
91302128	SPB212-08	8	212	219	3	3535	75	-	158	169	34,5	89	34,5	-	17,02
91302248	SPB224-08	8	224	231	3	3535	75	-	158	181	34,5	89	34,5	-	20,16
91302368	SPB236-08	8	236	243	3	3535	90	-	158	193	34,5	89	34,5	-	22,9
91302508	SPB250-08	8	250	257	3	3535	90	-	158	207	34,5	89	34,5	-	26,69
91302808	SPB280-08	8	280	287	6	3535	90	25	158	237	34,5	89	34,5	175	25,87
91303008	SPB300-08	8	300	307	6	3535	90	25	158	257	34,5	89	34,5	175	28,55
91303158	SPB315-08	8	315	322	5	3535	90	-	158	272	34,5	89	34,5	175	28,35
91303358	SPB335-08	8	335	342	5	3535	90	-	158	292	34,5	89	34,5	175	31,1
91303558	SPB355-08	8	355	362	5	3535	90	-	158	312	34,5	89	34,5	175	31,4
91304008	SPB400-08	8	400	407	5	4040	110	-	158	357	28	102	28	210	41,5
91304508	SPB450-08	8	450	457	5	4040	110	-	158	407	28	102	28	210	46,75
91305008	SPB500-08	8	500	507	5	4040	100	-	158	457	28	102	28	210	52,35
91305608	SPB560-08	8	560	567	5	4545	110	-	158	517	22	114	22	242	65,7
91306308	SPB630-08	8	630	637	5	4545	110	-	158	587	22	114	22	242	72,06
91307108	SPB710-08	8	710	717	5	4545	110	-	158	664	22	114	22	242	83
91308008	SPB800-08	8	800	807	5	4545	110	-	158	754	22	114	22	242	97,56
91310008	SPB1000-08	8	1000	1007	5	5050	125	-	158	954	15,5	127	15,5	267	130
91312508	SPB1250-08	8	1250	1257	5	5050	125	-	158	1204	15,5	127	15,5	267	161,4

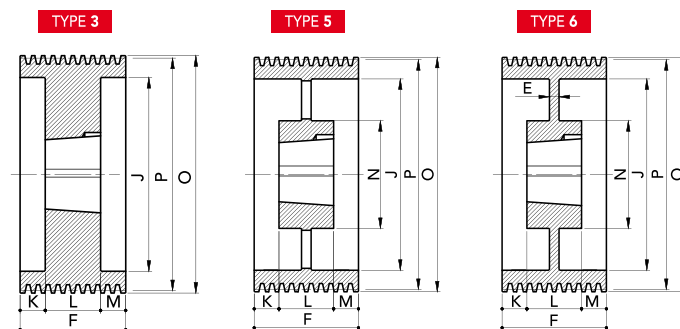


SPB/10 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91302210	SPB224-10	10	224	231	3	3535	90	-	196	181	53,5	89	53,5	-	23,1
91303510	SPB355-10	10	355	362	5	4040	110	-	196	312	47	102	47	210	43
91307010	SPB710-10	10	710	717	5	4545	110	-	196	664	41	114	41	242	95,7
91308010	SPB800-10	10	800	807	5	4545	110	-	196	754	41	114	41	242	112
91310010	SPB1000-10	10	1000	1007	5	5050	125	-	196	954	34,5	127	34,5	267	150
91312510	SPB1250-10	10	1250	1257	5	5050	125	-	196	1204	34,5	127	34,5	267	201



SPC/02 TYPE

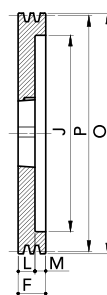
TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

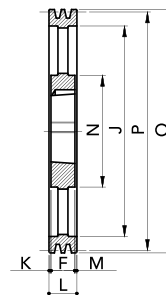
MATERIAL

CAST-IRON G20/25 EN 1561

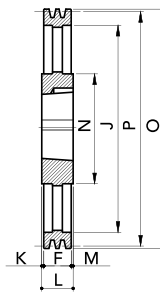
TYPE 2



TYPE 5



TYPE 4



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91402002	SPC200-02	2	200	209,6	2	2517	60	-	59,5	144	-	45	14,5	-	8,23
91402242	SPC224-02	2	224	233,6	2	3020	75	-	59,5	168	-	51	8,5	-	10,3
91402502	SPC250-02	2	250	259,6	2	3020	75	-	59,5	194	-	51	8,5	-	13,75
91402802	SPC280-02	2	280	289,6	2	3020	75	-	59,5	224	-	51	8,5	-	21,26
91403002	SPC300-02	2	300	309,6	5	3020	75	-	59,5	244	4,25	51	4,25	144	12,9
91403152	SPC315-02	2	315	324,6	5	3020	75	-	59,5	259	4,25	51	4,25	144	13,5
91403352	SPC335-02	2	335	344,6	5	3020	75	-	59,5	279	4,25	51	4,25	144	15,42
91403552	SPC355-02	2	355	364,6	4	3535	90	-	59,5	299	14,75	89	14,75	175	23,00
91404002	SPC400-02	2	400	409,6	4	3535	90	-	59,5	344	14,75	89	14,75	175	25,00
91404502	SPC450-02	2	450	459,6	4	3535	90	-	59,5	394	14,75	89	14,75	175	27,00



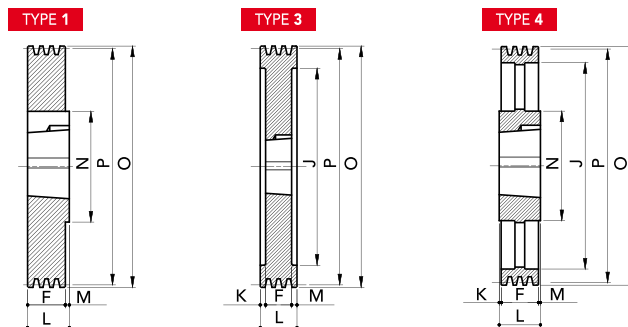
SPC/03 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91401803	SPC180-03	3	180	189,6	3	2517	65	-	85	124	20	45	20	-	7,94
91402003	SPC200-03	3	200	209,6	3	2517	65	-	85	144	20	45	20	-	10,06
91402243	SPC224-03	3	224	233,6	3	3020	75	-	85	168	17	51	17	-	12,35
91402503	SPC250-03	3	250	259,6	3	3020	75	-	85	194	17	51	17	-	16,15
91402803	SPC280-03	3	280	289,6	1	3535	90	-	85	-	-	89	4	175	27,05
91403003	SPC300-03	3	300	309,6	4	3535	90	-	85	244	2	89	2	175	20,63
91403153	SPC315-03	3	315	324,6	4	3535	90	-	85	259	2	89	2	175	21,91
91403353	SPC335-03	3	335	344,6	4	3535	90	-	85	279	2	89	2	175	23,65
91403553	SPC355-03	3	355	364,6	4	3535	90	-	85	299	2	89	2	175	24,2
91404003	SPC400-03	3	400	409,6	4	3535	90	-	85	344	2	89	2	175	27,63
91404503	SPC450-03	3	450	459,6	4	3535	90	-	85	394	2	89	2	175	31,6
91405003	SPC500-03	3	500	509,6	4	3535	90	-	85	444	2	89	2	175	36,3
91405603	SPC560-03	3	560	569,6	4	3535	90	-	85	504	2	89	2	175	40,12
91406303	SPC630-03	3	630	639,6	4	4040	110	-	85	574	8,5	102	8,5	210	51,45
91408003	SPC800-03	3	800	809,6	4	4545	110	-	85	737	14,5	114	14,5	242	79
91410003	SPC1000-03	3	1000	1009,6	4	5050	125	-	85	937	21	127	21	267	120,5
91412503	SPC1250-03	3	1250	1259,6	4	5050	125	-	85	1187	21	127	21	267	136



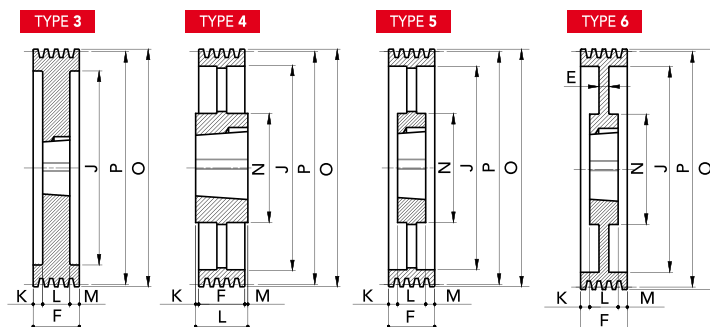
SPC/04 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91401804	SPC180-04	4	180	189,6	3	3020	75	-	111	124	30	51	30	-	8,65
91402004	SPC200-04	4	200	209,6	3	3020	75	-	111	144	30	51	30	-	11,15
91402244	SPC224-04	4	224	233,6	3	3535	90	-	111	168	11	89	11	-	16,30
91402364	SPC236-04	4	236	245,6	3	3535	90	-	111	180	11	89	11	-	18,90
91402504	SPC250-04	4	250	259,6	3	3535	90	-	111	194	11	89	11	-	22,00
91402804	SPC280-04	4	280	289,6	6	3535	90	18	111	224	11	89	11	175	22,51
91403004	SPC300-04	4	300	309,6	6	3535	90	20	111	244	11	89	11	175	24,60
91403154	SPC315-04	4	315	324,6	5	3535	90	-	111	259	11	89	11	175	24,73
91403354	SPC335-04	4	335	344,6	5	3535	90	-	111	279	11	89	11	175	27,45
91403554	SPC355-04	4	355	364,6	5	3535	90	-	111	299	11	89	11	175	29,50
91404004	SPC400-04	4	400	409,6	5	3535	90	-	111	344	11	89	11	175	33,27
91404504	SPC450-04	4	450	459,6	5	3535	90	-	111	394	11	89	11	175	36,80
91405004	SPC500-04	4	500	509,6	5	3535	90	-	111	444	11	89	11	175	42,60
91405604	SPC560-04	4	560	569,6	5	4040	110	-	111	504	4,5	102	4,5	210	53,15
91406304	SPC630-04	4	630	639,6	4	4545	110	-	111	574	1,5	114	1,5	242	68,20
91407104	SPC710-04	4	710	719,6	4	5050	125	-	111	654	8	127	8	267	86,16
91408004	SPC800-04	4	800	809,6	4	5050	125	-	111	737	8	127	8	267	97,15
91410004	SPC1000-04	4	1000	1009,6	4	5050	125	-	111	937	8	127	8	267	125,00
91412504	SPC1250-04	4	1250	1259,6	4	5050	125	-	111	1187	8	127	8	267	166,00



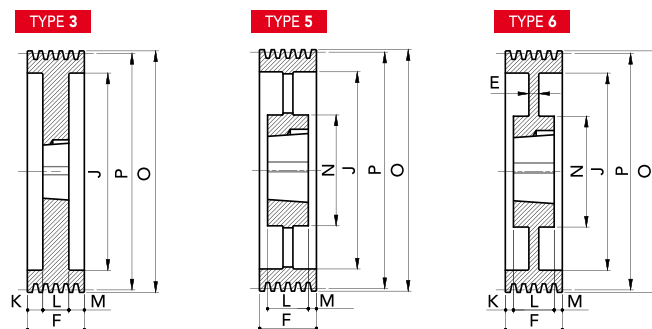
SPC/05 TYPE

TAPER BUSHES

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MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91401805	SPC180-05	5	180	189,6	3	3020	75	-	136	124	42,5	51	42,5	-	9,2
91402005	SPC200-05	5	200	209,6	3	3535	90	-	136	144	23,5	89	23,5	-	13,07
91402245	SPC224-05	5	224	233,6	3	3535	90	-	136	168	23,5	89	23,5	-	18,3
91402505	SPC250-05	5	250	259,6	3	3535	90	-	136	194	23,5	89	23,5	-	24,55
91402805	SPC280-05	5	280	289,6	3	3535	90	-	136	224	23,5	89	23,5	-	32,81
91403005	SPC300-05	5	300	309,6	6	3535	90	20	136	244	23,5	89	23,5	175	29,8
91403155	SPC315-05	5	315	324,6	5	3535	90	-	136	259	23,5	89	23,5	210	28,21
91403355	SPC335-05	5	335	344,6	5	3535	90	-	136	279	23,5	89	23,5	210	30,7
91403555	SPC355-05	5	355	364,6	5	3535	90	-	136	299	23,5	89	23,5	242	33,12
91404005	SPC400-05	5	400	409,6	5	3535	90	-	136	344	23,5	89	23,5	267	37,4
91404505	SPC450-05	5	450	459,6	5	4040	110	-	136	394	17	102	17	267	48,1
91405005	SPC500-05	5	500	509,6	5	4040	110	-	136	444	17	102	17	267	54
91405605	SPC560-05	5	560	569,6	5	4545	110	-	136	504	11	114	11	267	66,77
91406305	SPC630-05	5	630	639,6	5	5050	125	-	136	574	4,5	127	4,5	267	82
91407105	SPC710-05	5	710	719,6	5	5050	125	-	136	654	4,5	127	4,5	267	93,2
91408005	SPC800-05	5	800	809,6	5	5050	125	-	136	737	4,5	127	4,5	267	110
91410005	SPC1000-05	5	1000	1009,6	5	5050	125	-	136	937	4,5	127	4,5	267	154
91412505	SPC1250-05	5	1250	1259,6	5	5050	125	-	136	1187	4,5	127	4,5	267	188





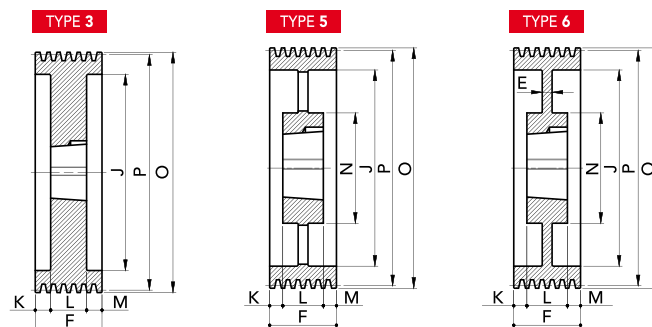
SPC/06 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91401806	SPC180-06	6	180	189,6	3	3020	75	-	162	124	55,5	51	55,5	-	11,88
91402006	SPC200-06	6	200	209,6	3	3535	90	-	162	144	36,5	89	36,5	-	14,8
91402246	SPC224-06	6	224	233,6	3	3535	90	-	162	168	36,5	89	36,5	-	20,3
91402366	SPC236-06	6	236	245,6	3	3535	90	-	162	180	36,5	89	36,5	-	23,31
91402506	SPC250-06	6	250	259,6	3	3535	90	-	162	194	36,5	89	36,5	-	27,17
91402806	SPC280-06	6	280	289,6	6	3535	90	20	162	224	36,5	89	36,5	175	28,9
91403006	SPC300-06	6	300	309,6	6	3535	90	20	162	244	36,5	89	36,5	175	30,35
91403156	SPC315-06	6	315	324,6	5	3535	90	-	162	259	36,5	89	36,5	175	31,35
91403356	SPC335-06	6	335	344,6	5	3535	90	-	162	279	36,5	89	36,5	175	35
91403556	SPC355-06	6	355	364,6	5	3535	90	-	162	299	36,5	89	36,5	175	37,1
91404006	SPC400-06	6	400	409,6	5	4040	110	-	162	344	30	102	30	210	47,76
91404506	SPC450-06	6	450	459,6	5	4545	110	-	162	394	24	114	24	242	60,98
91405006	SPC500-06	6	500	509,6	5	4545	110	-	162	444	24	114	24	242	67,6
91405606	SPC560-06	6	560	569,6	5	5050	125	-	162	504	17,5	127	17,5	267	81,4
91406306	SPC630-06	6	630	639,6	5	5050	125	-	162	574	17,5	127	17,5	267	89,7
91407106	SPC710-06	6	710	719,6	5	5050	125	-	162	654	17,5	127	17,5	267	102,6
91408006	SPC800-06	6	800	809,6	5	5050	125	-	162	737	17,5	127	17,5	267	123,6
91410006	SPC1000-06	6	1000	1009,6	5	5050	125	-	162	937	17,5	127	17,5	267	160
91412506	SPC1250-06	6	1250	1259,6	5	5050	125	-	162	1187	17,5	127	17,5	267	201



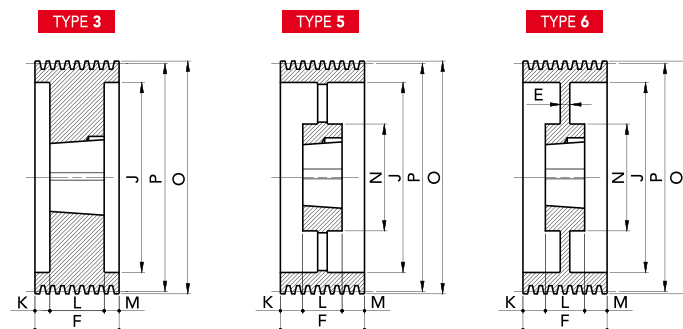
SPC/08 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91402008	SPC200-08	8	200	209,6	3	3535	90	-	213	144	62	89	62	-	18,52
91402248	SPC224-08	8	224	233,6	3	3535	90	-	213	168	62	89	62	-	24,85
91402508	SPC250-08	8	250	259,6	3	3535	90	-	213	194	62	89	62	-	31,9
91402808	SPC280-08	8	280	289,6	3	3535	90	-	213	224	62	89	62	-	40,6
91403008	SPC300-08	8	300	309,6	3	4040	110	-	213	244	55,5	102	55,5	-	47,71
91403158	SPC315-08	8	315	324,6	3	4040	110	-	213	259	55,5	102	55,5	-	53,92
91403358	SPC335-08	8	335	344,6	6	4040	110	50	213	279	55,5	102	55,5	210	53
91403558	SPC355-08	8	355	364,6	5	4040	110	-	213	299	55,5	102	55,5	210	50,67
91404008	SPC400-08	8	400	409,6	5	4545	110	-	213	344	49,5	114	49,5	242	65,1
91404508	SPC450-08	8	450	459,6	5	5050	125	-	213	394	43	127	43	267	77,33
91405008	SPC500-08	8	500	509,6	5	5050	125	-	213	444	43	127	43	267	88,7
91405608	SPC560-08	8	560	569,6	5	5050	125	-	213	504	43	127	43	267	95,8
91406308	SPC630-08	8	630	639,6	5	5050	125	-	213	574	43	127	43	267	106
91407108	SPC710-08	8	710	719,6	5	5050	125	-	213	654	43	127	43	267	124
91408008	SPC800-08	8	800	809,6	5	5050	125	-	213	737	43	127	43	267	150
91410008	SPC1000-08	8	1000	1009,6	5	5050	125	-	213	937	43	127	43	267	191
91412508	SPC1250-08	8	1250	1259,6	5	5050	125	-	213	1187	43	127	43	267	255





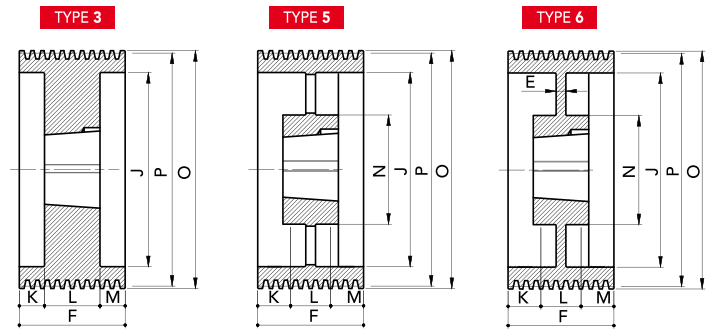
SPC/10 TYPE

TAPER BUSHES

We are engaged to respect shapes and dimensions shown on this sheet but, we reserve the right to make changes and modifications without notice.

MATERIAL

CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	GROOVES	P	O	TYPE	BUSH	MAX BORE	E	F	J	K	L	M	N	Kg
91402210	SPC224-10	10	224	233,6	3	4040	110	-	264	168	81	102	81	-	27
91402510	SPC250-10	10	250	259,6	3	4040	110	-	264	194	81	102	81	-	35,35
91402810	SPC280-10	10	280	289,6	3	4040	110	-	264	224	81	102	81	-	45,92
91403010	SPC300-10	10	300	309,6	3	4545	110	-	264	244	75	114	75	-	54
91403110	SPC315-10	10	315	324,6	3	4545	110	-	264	259	75	114	75	-	59,7
91403310	SPC335-10	10	335	344,6	3	4545	110	-	264	279	75	114	75	-	71
91403510	SPC355-10	10	355	364,6	3	4545	110	-	264	299	75	114	75	-	80,5
91404010	SPC400-10	10	400	409,6	6	5050	125	70	264	344	68,5	127	68,5	267	92
91404510	SPC450-10	10	450	459,6	5	5050	125	-	264	394	68,5	127	68,5	267	89,4
91405010	SPC500-10	10	500	509,6	5	5050	125	-	264	444	68,5	127	68,5	267	100
91405610	SPC560-10	10	560	569,6	5	5050	125	-	264	504	68,5	127	68,5	267	114
91406310	SPC630-10	10	630	639,6	5	5050	125	-	264	574	68,5	127	68,5	267	128
91407110	SPC710-10	10	710	719,6	5	5050	125	-	264	654	68,5	127	68,5	267	148
91408010	SPC800-10	10	800	809,6	5	5050	125	-	264	737	68,5	127	68,5	267	174
91410010	SPC1000-10	10	1000	1009,6	5	5050	125	-	264	937	68,5	127	68,5	267	222
91412510	SPC1250-10	10	1250	1259,6	5	5050	125	-	264	1187	68,5	127	68,5	267	311

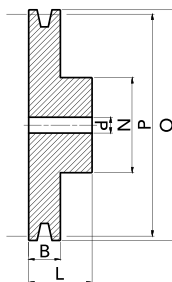


SPA/1 TYPE

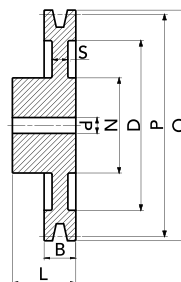
SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

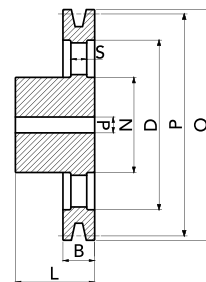
TYPE 1



TYPE 3



TYPE 5



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91220401	SPA40-1	40	45,5	1	40	35	-	-	20	1	10	0,28
91220501	SPA50-1	50	55,5	1	40	35	-	-	20	1	10	0,37
91220551	SPA55-1	55	60,5	1	40	35	-	-	20	1	10	0,42
91220601	SPA60-1	60	65,5	1	40	35	-	-	20	1	10	0,46
91220631	SPA63-1	63	68,5	1	40	35	-	-	20	1	10	0,48
91220651	SPA65-1	65	70,5	1	40	40	-	-	20	1	10	0,52
91220701	SPA70-1	70	75,5	1	40	40	-	-	20	1	10	0,60
91220751	SPA75-1	75	80,5	1	40	40	-	-	20	1	10	0,74
91220801	SPA80-1	80	85,5	1	45	40	-	-	20	1	10	0,86
91220851	SPA85-1	85	90,5	1	45	40	-	-	20	1	10	0,95
91220901	SPA90-1	90	95,5	1	45	40	-	-	20	1	10	1,05
91220951	SPA95-1	95	100,5	1	45	40	-	-	20	1	10	1,15
91221001	SPA100-1	100	105,5	1	48	40	-	-	20	1	10	1,28
91221051	SPA105-1	105	110,5	1	48	40	-	-	20	1	10	1,38
91221121	SPA112-1	112	117,5	1	48	40	-	-	20	1	10	1,53
91221201	SPA120-1	120	125,5	1	60	40	-	-	20	1	15	1,92
91221251	SPA125-1	125	130,5	1	60	40	-	-	20	1	15	2,08
91221301	SPA130-1	130	135,5	1	60	40	-	-	20	1	15	2,18
91221401	SPA140-1	140	145,5	1	60	40	107	10	20	3	15	2,00
91221501	SPA150-1	150	155,5	1	60	40	117	10	20	3	15	2,21
91221601	SPA160-1	160	165,5	1	60	40	127	10	20	3	15	2,36
91221701	SPA170-1	170	175,5	1	60	40	137	10	20	3	15	2,75
91221801	SPA180-1	180	185,5	1	65	40	147	10	20	3	20	3,11
91222001	SPA200-1	200	205,5	1	65	45	167	10	20	3	20	3,79
91222251	SPA225-1	225	230,5	1	65	45	193	10	20	3	20	4,57
91222501	SPA250-1	250	255,5	1	75	50	217	12	20	3	20	5,86
91222801	SPA280-1	280	285,5	1	75	50	247	14	20	5	20	4,71
91223001	SPA300-1	300	305,5	1	75	50	267	14	20	5	20	4,92
91223551	SPA355-1	355	360,5	1	75	50	322	14	20	5	20	6,12
91224001	SPA400-1	400	405,5	1	90	50	367	14	20	5	20	7,85
91224501	SPA450-1	450	455,5	1	90	50	417	14	20	5	20	8,67
91225001	SPA500-1	500	505,5	1	90	50	467	14	20	5	20	9,23
91225601	SPA560-1	560	565,5	1	100	50	527	15	20	5	25	15,09
91226001	SPA600-1	600	605,5	1	100	50	567	16	20	5	25	13,52



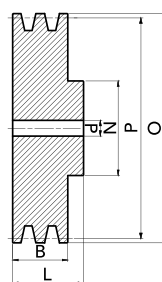


SPA/2 TYPE

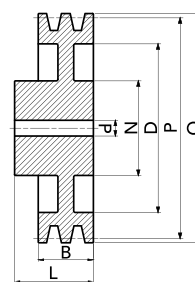
SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

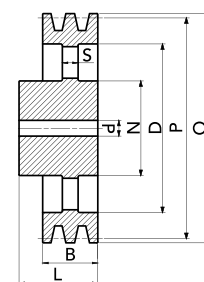
TYPE 1



TYPE 3



TYPE 5



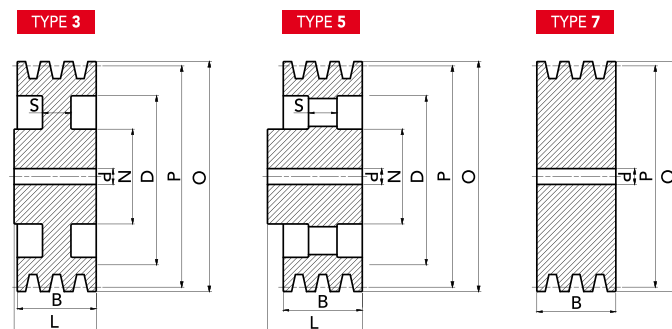
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91220502	SPA50-2	50	55,5	2	40	45	-	-	35	1	10	0,47
91220552	SPA55-2	55	60,5	2	40	45	-	-	35	1	10	0,56
91220602	SPA60-2	60	65,5	2	40	45	-	-	35	1	10	0,65
91220632	SPA63-2	63	68,5	2	40	45	-	-	35	1	10	0,70
91220652	SPA65-2	65	70,5	2	40	45	-	-	35	1	10	0,82
91220702	SPA70-2	70	75,5	2	50	45	-	-	35	1	10	0,94
91220752	SPA75-2	75	80,5	2	50	45	-	-	35	1	10	1,08
91220802	SPA80-2	80	85,5	2	50	45	-	-	35	1	10	1,20
91220852	SPA85-2	85	90,5	2	50	45	-	-	35	1	10	1,34
91220902	SPA90-2	90	95,5	2	60	45	-	-	35	1	15	1,56
91220952	SPA95-2	95	100,5	2	60	45	-	-	35	1	15	1,74
91221002	SPA100-2	100	105,5	2	60	45	-	-	35	1	15	1,90
91221052	SPA105-2	105	110,5	2	60	45	-	-	35	1	15	2,12
91221122	SPA112-2	112	117,5	2	60	45	-	-	35	1	15	2,38
91221202	SPA120-2	120	125,5	2	60	45	-	-	35	1	15	2,85
91221252	SPA125-2	125	130,5	2	60	45	-	-	35	1	15	2,97
91221302	SPA130-2	130	135,5	2	60	45	-	-	35	1	15	3,24
91221402	SPA140-2	140	145,5	2	60	45	107	10	35	3	15	2,62
91221502	SPA150-2	150	155,5	2	60	45	117	10	35	3	15	2,94
91221602	SPA160-2	160	165,5	2	60	45	127	10	35	3	15	3,07
91221702	SPA170-2	170	175,5	2	60	45	137	10	35	3	20	3,40
91221802	SPA180-2	180	185,5	2	70	50	147	12	35	3	20	4,11
91221902	SPA190-2	190	195,5	2	70	50	157	12	35	3	20	4,47
91222002	SPA200-2	200	205,5	2	70	50	167	12	35	3	20	4,69
91222252	SPA225-2	225	230,5	2	70	50	193	12	35	3	20	5,71
91222502	SPA250-2	250	255,5	2	75	50	217	12	35	3	20	6,79
91222802	SPA280-2	280	285,5	2	80	50	247	14	35	5	20	6,16
91223002	SPA300-2	300	305,5	2	80	50	267	14	35	5	20	6,73
91223152	SPA315-2	315	320,5	2	80	50	282	14	35	5	20	7,08
91223552	SPA355-2	355	360,5	2	80	50	322	14	35	5	20	8,05
91224002	SPA400-2	400	405,5	2	90	50	367	14	35	5	20	9,54
91224502	SPA450-2	450	455,5	2	100	50	417	14	35	5	25	11,67
91225002	SPA500-2	500	505,5	2	100	50	467	16	35	5	25	13,78
91225602	SPA560-2	560	565,5	2	100	50	527	18	35	5	25	17,40
91226002	SPA600-2	600	605,5	2	100	50	567	20	35	5	25	21,80
91226302	SPA630-2	630	635,5	2	110	50	597	18	35	5	25	22,40



SPA/3 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



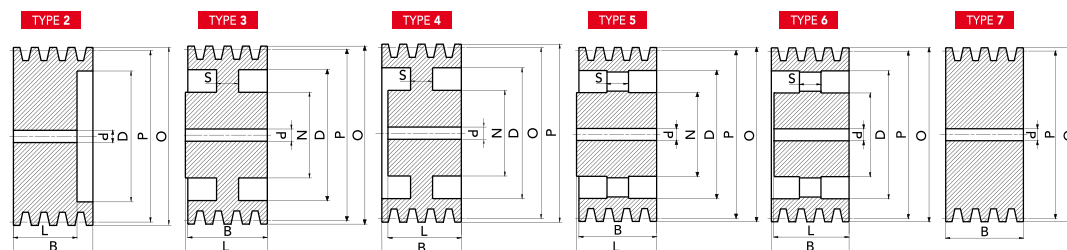
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91220603	SPA60-3	60	65,5	3	-	-	-	-	50	7	10	0,79
91220633	SPA63-3	63	68,5	3	-	-	-	-	50	7	10	0,90
91220653	SPA65-3	65	70,5	3	-	-	-	-	50	7	10	0,95
91220703	SPA70-3	70	75,5	3	-	-	-	-	50	7	10	1,10
91220753	SPA75-3	75	80,5	3	-	-	-	-	50	7	10	1,29
91220803	SPA80-3	80	85,5	3	-	-	-	-	50	7	15	1,50
91220853	SPA85-3	85	90,5	3	-	-	-	-	50	7	15	1,69
91220903	SPA90-3	90	95,5	3	-	-	-	-	50	7	15	1,90
91220953	SPA95-3	95	100,5	3	-	-	-	-	50	7	15	2,18
91221003	SPA100-3	100	105,5	3	-	-	-	-	50	7	15	2,42
91221053	SPA105-3	105	110,5	3	-	-	-	-	50	7	15	2,66
91221123	SPA112-3	112	117,5	3	-	-	-	-	50	7	15	3,08
91221203	SPA120-3	120	125,5	3	-	-	-	-	50	7	15	3,64
91221253	SPA125-3	125	130,5	3	-	-	-	-	50	7	15	3,94
91221303	SPA130-3	130	135,5	3	-	-	-	-	50	7	15	4,33
91221403	SPA140-3	140	145,5	3	65	52	107	18	50	3	20	3,55
91221503	SPA150-3	150	155,5	3	65	52	117	18	50	3	20	4,18
91221603	SPA160-3	160	165,5	3	70	52	127	18	50	3	20	4,21
91221703	SPA170-3	170	175,5	3	70	52	137	18	50	3	20	4,56
91221803	SPA180-3	180	185,5	3	70	52	147	12	50	3	20	4,91
91222003	SPA200-3	200	205,5	3	70	52	167	12	50	3	20	5,56
91222253	SPA225-3	225	230,5	3	80	52	193	12	50	3	20	6,87
91222503	SPA250-3	250	255,5	3	80	60	217	12	50	3	20	8,15
91222803	SPA280-3	280	285,5	3	80	60	247	14	50	5	20	7,68
91223003	SPA300-3	300	305,5	3	80	60	267	14	50	5	20	8,65
91223553	SPA355-3	355	360,5	3	90	60	322	14	50	5	20	11,50
91224003	SPA400-3	400	405,5	3	100	60	367	16	50	5	25	13,41
91224503	SPA450-3	450	455,5	3	100	60	417	16	50	5	25	15,14
91225003	SPA500-3	500	505,5	3	105	60	467	20	50	5	25	18,95
91225603	SPA560-3	560	565,5	3	120	65	527	20	50	5	25	22,94
91226003	SPA600-3	600	605,5	3	104	65	567	22	50	5	25	27,85
91226303	SPA630-3	630	635,5	3	120	65	597	20	50	5	25	29,34



SPA/4 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



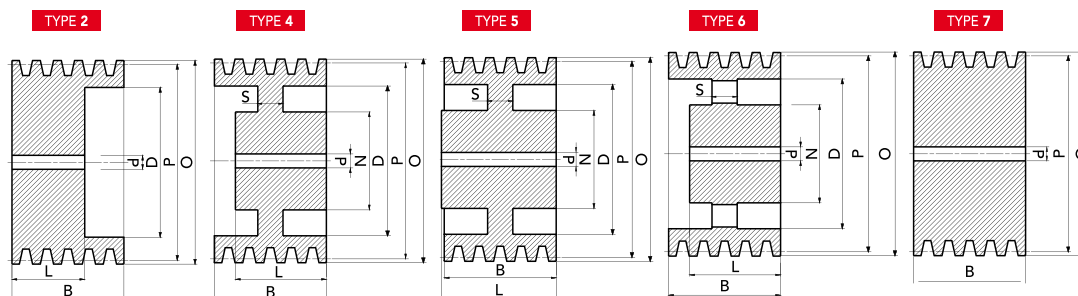
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91220704	SPA70-4	70	75,5	4	-	-	-	-	65	7	10	1,45
91220754	SPA75-4	75	80,5	4	-	-	-	-	65	7	10	1,66
91220804	SPA80-4	80	85,5	4	-	-	-	-	65	7	15	1,89
91220854	SPA85-4	85	90,5	4	-	-	-	-	65	7	15	2,19
91220904	SPA90-4	90	95,5	4	-	-	-	-	65	7	15	2,47
91220954	SPA95-4	95	100,5	4	-	-	-	-	65	7	15	2,75
91221004	SPA100-4	100	105,5	4	-	52	67	-	65	2	15	3,11
91221054	SPA105-4	105	110,5	4	-	52	72	-	65	2	15	3,09
91221124	SPA112-4	112	117,5	4	-	52	79	-	65	2	15	3,58
91221204	SPA120-4	120	125,5	4	-	52	87	-	65	2	15	4,12
91221254	SPA125-4	125	130,5	4	-	52	97	-	65	2	15	4,48
91221304	SPA130-4	130	135,5	4	-	52	97	-	65	2	15	4,87
91221404	SPA140-4	140	145,5	4	-	52	107	-	65	2	20	5,62
91221504	SPA150-4	150	155,5	4	-	52	117	-	65	2	20	6,67
91221604	SPA160-4	160	165,5	4	70	52	127	18	65	4	20	5,09
91221704	SPA170-4	170	175,5	4	80	52	137	18	65	4	20	5,81
91221804	SPA180-4	180	185,5	4	80	60	147	18	65	4	20	6,62
91222004	SPA200-4	200	205,5	4	80	60	167	18	65	4	20	7,56
9122254	SPA225-4	225	230,5	4	90	60	192	18	65	4	20	9,36
91222504	SPA250-4	250	255,5	4	90	65	217	18	65	3	20	10,96
91222804	SPA280-4	280	285,5	4	90	65	247	16	65	5	20	9,67
91223004	SPA300-4	300	305,5	4	90	65	267	16	65	5	20	10,69
91223554	SPA355-4	355	360,5	4	90	65	322	16	65	5	25	14,71
91224004	SPA400-4	400	405,5	4	100	65	367	20	65	5	25	16,00
91224504	SPA450-4	450	455,5	4	105	65	417	20	65	6	25	19,64
91225004	SPA500-4	500	505,5	4	105	65	467	20	65	6	25	24,05
91225604	SPA560-4	560	565,5	4	120	65	527	22	65	5	25	25,94
91226004	SPA600-4	600	605,5	4	120	65	567	25	65	5	25	29,70
91226304	SPA630-4	630	635,5	4	120	65	597	22	65	5	25	34,10



SPA/5 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91220705	SPA70-5	70	75,5	5	-	-	-	-	80	7	10	1,76
91220755	SPA75-5	75	80,5	5	-	-	-	-	80	7	10	2,00
91220805	SPA80-5	80	85,5	5	-	-	-	-	80	7	15	2,32
91220855	SPA85-5	85	90,5	5	-	-	-	-	80	7	15	2,69
91220905	SPA90-5	90	95,5	5	-	-	-	-	80	7	15	2,96
91220955	SPA95-5	95	100,5	5	-	-	-	-	80	7	15	3,35
91221005	SPA100-5	100	105,5	5	-	52	67	-	80	2	15	3,07
91221055	SPA105-5	105	110,5	5	-	52	72	-	80	2	15	3,40
91221125	SPA112-5	112	117,5	5	-	52	79	-	80	2	15	3,90
91221205	SPA120-5	120	125,5	5	-	52	87	-	80	2	15	4,54
91221305	SPA130-5	130	135,5	5	-	52	97	-	80	2	15	5,25
91221405	SPA140-5	140	145,5	5	-	52	107	-	80	2	20	6,10
91221505	SPA150-5	150	155,5	5	-	52	117	-	80	2	20	7,34
91221605	SPA160-5	160	165,5	5	80	52	127	22	80	4	20	5,76
91221705	SPA170-5	170	175,5	5	80	52	137	18	80	4	20	6,50
91221805	SPA180-5	180	185,5	5	80	65	147	22	80	4	20	7,70
91222005	SPA200-5	200	205,5	5	80	65	167	20	80	4	20	8,47
91222255	SPA225-5	225	230,5	5	90	65	192	20	80	4	20	10,58
91222505	SPA250-5	250	255,5	5	90	65	217	20	80	4	20	12,23
91222805	SPA280-5	280	285,5	5	100	65	247	18	80	6	25	11,59
91223005	SPA300-5	300	305,5	5	100	65	267	18	80	6	25	12,92
91223555	SPA355-5	355	360,5	5	100	65	322	18	80	6	25	16,64
91224005	SPA400-5	400	405,5	5	100	65	367	22	80	6	25	18,70
91224505	SPA450-5	450	455,5	5	105	65	417	22	80	6	25	21,88
91225005	SPA500-5	500	505,5	5	110	65	467	22	80	6	25	26,57
91225605	SPA560-5	560	565,5	5	120	80	527	24	80	5	25	33,45
91226005	SPA600-5	600	605,5	5	120	80	567	26	80	5	25	36,40
91226305	SPA630-5	630	635,5	5	120	80	597	24	80	5	25	39,60



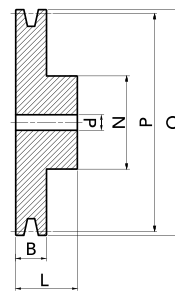


SPB/1 TYPE

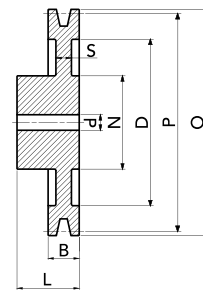
SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

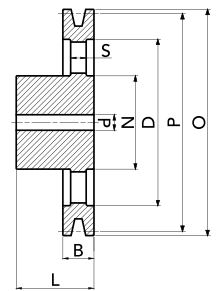
TYPE 1



TYPE 3



TYPE 5



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91320701	SPB70-1	70	77	1	45	45	-	-	25	1	10	0,80
91320801	SPB80-1	80	87	1	50	45	-	-	25	1	10	1,04
91320901	SPB90-1	90	97	1	50	45	-	-	25	1	10	1,27
91321001	SPB100-1	100	107	1	52	45	-	-	25	1	10	1,53
91321121	SPB112-1	112	119	1	55	45	-	-	25	1	15	1,90
91321201	SPB120-1	120	127	1	55	45	-	-	25	1	15	2,17
91321251	SPB125-1	125	132	1	58	45	-	-	25	1	15	2,34
91321301	SPB130-1	130	137	1	60	45	-	-	25	1	15	2,55
91321401	SPB140-1	140	147	1	65	45	-	-	25	1	20	3,00
91321501	SPB150-1	150	157	1	65	45	-	-	25	1	20	3,38
91321601	SPB160-1	160	167	1	65	45	118	12	25	3	20	2,95
91321701	SPB170-1	170	177	1	65	45	128	12	25	3	20	3,20
91321801	SPB180-1	180	187	1	65	45	138	12	25	3	20	3,40
91322001	SPB200-1	200	207	1	70	45	158	14	25	3	20	4,10
91322121	SPB212-1	212	219	1	70	45	170	14	25	3	20	4,84
91322251	SPB225-1	225	232	1	70	45	184	14	25	3	20	5,39
91322501	SPB250-1	250	257	1	70	50	208	14	25	3	20	6,56
91322801	SPB280-1	280	287	1	76	50	238	14	25	3	20	5,84
91323001	SPB300-1	300	307	1	76	50	258	15	25	5	20	5,50
91323151	SPB315-1	315	322	1	76	50	273	15	25	5	20	6,32
91323401	SPB340-1	340	347	1	80	50	298	15	25	5	20	8,29
91323551	SPB355-1	355	362	1	80	50	313	15	25	5	20	7,50
91323801	SPB380-1	380	387	1	85	55	338	18	25	5	20	11,32
91324001	SPB400-1	400	407	1	85	55	358	18	25	5	20	10,6
91324501	SPB450-1	450	457	1	90	60	408	18	25	5	20	12,0
91325001	SPB500-1	500	507	1	100	60	458	18	25	5	25	14,5
91325601	SPB560-1	560	567	1	100	60	518	18	25	5	25	17,0
91326001	SPB600-1	600	607	1	100	60	558	18	25	5	25	20,00
91326301	SPB630-1	630	637	1	100	60	588	18	25	5	25	20,00

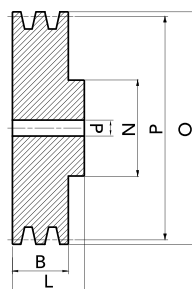


SPB/2 TYPE

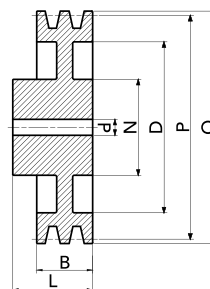
SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

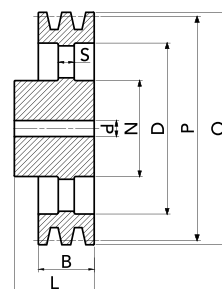
TYPE 1



TYPE 3



TYPE 5



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91320702	SPB70-2	70	77	2	45	55	-	-	44	1	10	1,05
91320802	SPB80-2	80	87	2	50	55	-	-	44	1	10	1,41
91320902	SPB90-2	90	97	2	50	55	-	-	44	1	10	1,80
91321002	SPB100-2	100	107	2	55	55	-	-	44	1	15	2,22
91321122	SPB112-2	112	119	2	60	55	-	-	44	1	15	2,85
91321202	SPB120-2	120	127	2	60	55	-	-	44	1	15	3,24
91321252	SPB125-2	125	132	2	60	55	-	-	44	1	15	3,54
91321302	SPB130-2	130	137	2	60	55	-	-	44	1	15	3,83
91321402	SPB140-2	140	147	2	65	55	-	-	44	1	20	4,51
91321502	SPB150-2	150	157	2	65	55	-	-	44	1	20	5,19
91321602	SPB160-2	160	167	2	70	55	118	12	44	3	20	4,13
91321702	SPB170-2	170	177	2	70	55	128	12	44	3	20	4,49
91321802	SPB180-2	180	187	2	70	55	138	12	44	3	20	4,62
91322002	SPB200-2	200	207	2	70	55	158	12	44	3	20	5,57
91322122	SPB212-2	212	219	2	77	55	170	14	44	3	20	6,71
91322252	SPB225-2	225	232	2	77	55	184	14	44	3	20	6,87
91322502	SPB250-2	250	257	2	77	55	208	14	44	3	20	8,10
91322802	SPB280-2	280	287	2	80	55	238	14	44	3	20	8,65
91323002	SPB300-2	300	307	2	80	55	258	15	44	5	20	8,20
91323152	SPB315-2	315	322	2	88	60	273	15	44	5	20	9,23
91323402	SPB340-2	340	347	2	88	60	298	15	44	5	20	12,68
91323552	SPB355-2	355	362	2	88	60	313	15	44	5	20	11,27
91323802	SPB380-2	380	387	2	88	60	338	15	44	5	20	13,32
91324002	SPB400-2	400	407	2	88	60	358	18	44	5	20	13,45
91324502	SPB450-2	450	457	2	90	60	408	18	44	5	20	15,00
91325002	SPB500-2	500	507	2	100	65	458	20	44	5	25	18,50
91325602	SPB560-2	560	567	2	100	65	518	20	44	5	25	23,50
91326002	SPB600-2	600	607	2	100	65	558	20	44	5	25	25,50
91326302	SPB630-2	630	637	2	100	65	588	20	44	5	25	31,50

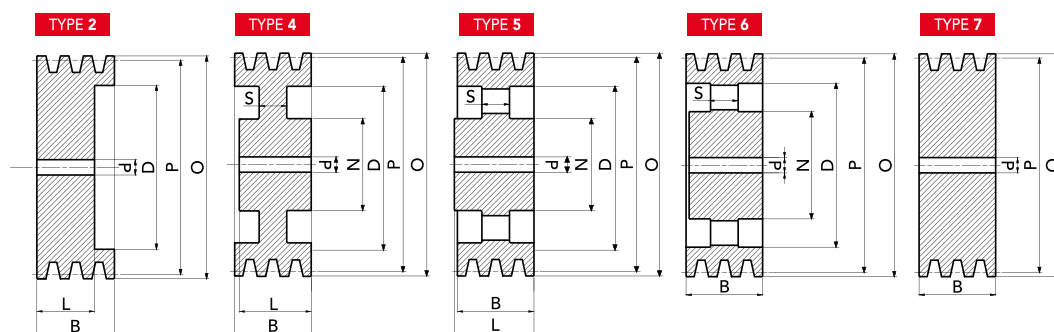




SPB/3 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



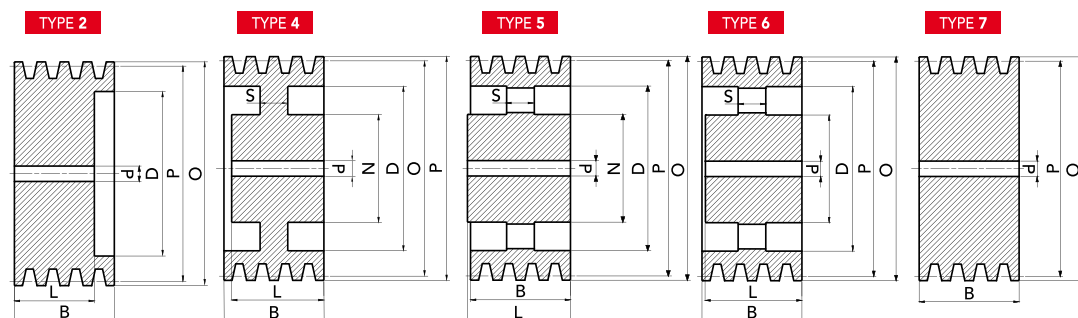
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91320603	SPB60-3	60	67	3	-	-	-	-	63	7	15	1,03
91320703	SPB70-3	70	77	3	-	-	-	-	63	7	15	1,40
91320803	SPB80-3	80	87	3	-	-	-	-	63	7	15	1,77
91320903	SPB90-3	90	97	3	-	-	-	-	63	7	15	2,30
91321003	SPB100-3	100	107	3	-	-	-	-	63	7	15	2,87
91321123	SPB112-3	112	119	3	-	-	-	-	63	7	15	3,59
91321203	SPB120-3	120	127	3	-	-	-	-	63	7	15	4,30
91321253	SPB125-3	125	132	3	-	60	83	-	63	2	15	4,61
91321303	SPB130-3	130	137	3	-	60	86	-	63	2	15	5,00
91321403	SPB140-3	140	147	3	-	60	98	-	63	2	20	5,75
91321503	SPB150-3	150	157	3	-	60	108	-	63	2	20	6,76
91321603	SPB160-3	160	167	3	-	60	118	-	63	2	20	7,73
91321703	SPB170-3	170	177	3	70	60	128	30	63	4	20	8,76
91321803	SPB180-3	180	187	3	80	60	138	18	63	4	20	6,60
91322003	SPB200-3	200	207	3	80	60	158	18	63	4	20	8,03
91322123	SPB212-3	212	219	3	80	60	170	18	63	4	20	9,25
91322253	SPB225-3	225	232	3	80	60	184	18	63	4	20	9,55
91322503	SPB250-3	250	257	3	80	60	208	18	63	4	20	11,37
91322803	SPB280-3	280	287	3	90	60	238	18	63	4	20	11,09
91323003	SPB300-3	300	307	3	90	60	258	18	63	6	20	11,40
91323153	SPB315-3	315	322	3	90	60	273	18	63	6	20	12,11
91323403	SPB340-3	340	347	3	92	60	298	18	63	6	25	14,14
91323553	SPB355-3	355	362	3	92	60	313	18	63	6	25	14,95
91323803	SPB380-3	380	387	3	96	65	338	22	63	6	25	17,40
91324003	SPB400-3	400	407	3	96	65	358	22	63	5	25	19,51
91324253	SPB425-3	425	432	3	96	65	383	22	63	5	20	20,42
91324503	SPB450-3	450	457	3	96	65	408	22	63	5	25	21,00
91325003	SPB500-3	500	507	3	104	75	458	24	63	5	25	23,00
91325603	SPB560-3	560	567	3	104	75	518	24	63	5	25	28,50
91326003	SPB600-3	600	607	3	104	75	558	24	63	5	25	34,00
91326303	SPB630-3	637	637	3	105	75	588	26	63	5	25	36,00



SPB/4 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91320704	SPB70-4	70	77	4	-	-	-	-	82	7	15	1,68
91320804	SPB80-4	80	87	4	-	-	-	-	82	7	15	2,28
91320904	SPB90-4	90	97	4	-	-	-	-	82	7	15	2,95
91321004	SPB100-4	100	107	4	-	-	-	-	82	7	15	3,70
91321124	SPB112-4	112	119	4	-	-	-	-	82	7	20	4,70
91321204	SPB120-4	120	127	4	-	-	-	-	82	7	20	5,59
91321254	SPB125-4	125	132	4	-	60	83	-	82	2	20	5,04
91321304	SPB130-4	130	137	4	-	60	88	-	82	2	20	5,67
91321404	SPB140-4	140	147	4	-	60	98	-	82	2	20	6,60
91321504	SPB150-4	150	157	4	-	60	108	-	82	2	20	7,49
91321604	SPB160-4	160	167	4	-	60	118	-	82	2	20	8,60
91321704	SPB170-4	170	177	4	70	60	128	30	82	4	20	9,35
91321804	SPB180-4	180	187	4	80	60	138	30	82	4	20	10,85
91322004	SPB200-4	200	207	4	88	60	158	25	82	4	20	9,80
91322124	SPB212-4	212	219	4	88	60	170	25	82	4	20	10,53
91322254	SPB225-4	225	232	4	88	60	184	25	82	4	20	11,87
91322364	SPB236-4	236	243	4	88	60	194	25	82	4	20	125,6
91322504	SPB250-4	250	257	4	96	65	208	25	82	4	25	14,42
91322804	SPB280-4	280	287	4	96	65	238	25	82	4	25	13,88
91323004	SPB300-4	300	307	4	96	65	258	20	82	6	25	14,71
91323154	SPB315-4	315	322	4	96	65	273	20	82	6	25	15,07
91323404	SPB340-4	340	347	4	96	65	298	20	82	6	25	17,65
91323554	SPB355-4	355	362	4	96	65	313	20	82	6	25	17,22
91323804	SPB380-4	380	387	4	104	75	338	24	82	6	25	21,98
91324004	SPB400-4	400	407	4	104	75	358	24	82	6	25	22,91
91324254	SPB425-4	425	432	4	104	75	383	24	82	6	25	25,50
91324504	SPB450-4	450	457	4	104	75	408	24	82	6	25	25,00
91325004	SPB500-4	500	507	4	112	85	458	28	82	5	25	30,50
91325604	SPB560-4	560	567	4	112	85	518	28	82	5	25	36,00
91326004	SPB600-4	600	607	4	115	85	558	28	82	5	25	41,00
91326304	SPB630-4	630	637	4	120	85	588	28	82	5	25	41,00

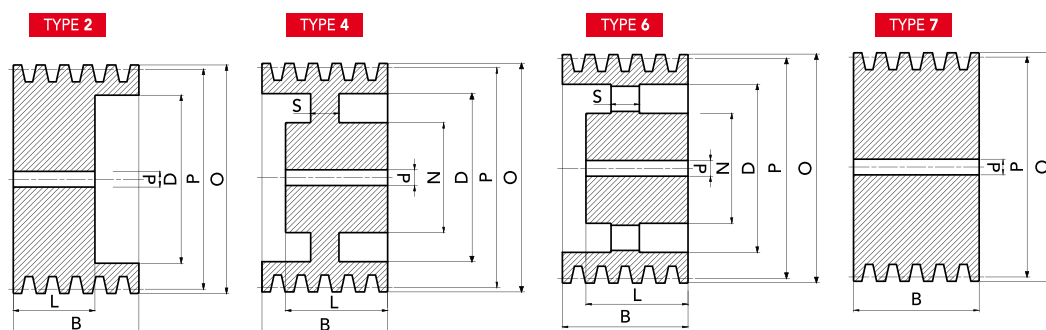




SPB/5 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



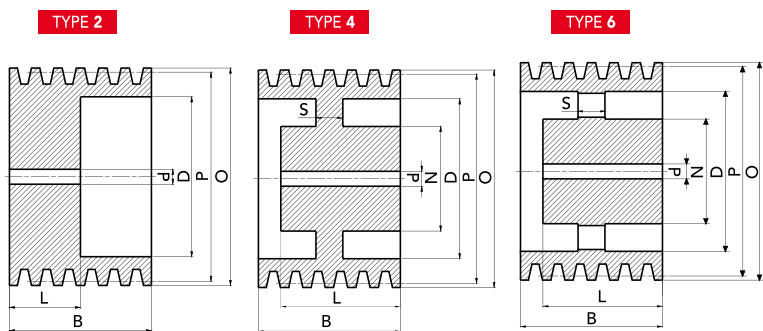
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91320705	SPB70-5	70	77	5	-	-	-	-	101	7	15	2,00
91320805	SPB80-5	80	87	5	-	-	-	-	101	7	15	2,74
91320905	SPB90-5	90	97	5	-	-	-	-	101	7	15	3,64
91321005	SPB100-5	100	107	5	-	-	-	-	101	7	15	4,55
91321125	SPB112-5	112	119	5	-	-	-	-	101	7	20	5,81
91321205	SPB120-5	120	127	5	-	-	-	-	101	7	20	6,79
91321255	SPB125-5	125	132	5	-	60	83	-	101	2	20	5,80
91321305	SPB130-5	130	137	5	-	60	88	-	101	2	20	6,35
91321405	SPB140-5	140	147	5	-	60	98	-	101	2	20	7,28
91321505	SPB150-5	150	157	5	-	60	108	-	101	2	20	8,27
91321605	SPB160-5	160	167	5	-	60	118	-	101	2	20	9,37
91321705	SPB170-5	170	177	5	70	60	128	30	101	4	20	10,56
91321805	SPB180-5	180	187	5	80	70	138	30	101	4	20	12,90
91322005	SPB200-5	200	207	5	96	70	158	30	101	4	25	11,88
91322125	SPB212-5	212	219	5	96	70	170	30	101	4	25	13,04
91322255	SPB225-5	225	232	5	96	70	183	25	101	4	25	12,04
91322505	SPB250-5	250	257	5	104	75	208	25	101	4	25	17,00
91322805	SPB280-5	280	287	5	104	75	238	25	101	4	25	20,05
91323005	SPB300-5	300	307	5	104	75	258	22	101	6	25	19,31
91323155	SPB315-5	315	322	5	104	75	273	22	101	6	25	18,26
91323405	SPB340-5	340	347	5	104	75	298	22	101	6	25	20,66
91323555	SPB355-5	355	362	5	104	75	313	22	101	6	25	21,39
91323805	SPB380-5	380	387	5	112	85	338	24	101	6	25	25,49
91324005	SPB400-5	400	407	5	112	85	358	26	101	6	25	26,38
91324255	SPB425-5	425	432	5	112	85	383	26	101	6	25	29,50
91324505	SPB450-5	450	457	5	112	85	408	26	101	6	25	31,50
91325005	SPB500-5	500	507	5	120	90	458	30	101	6	25	35,00
91325605	SPB560-5	560	567	5	120	90	518	30	101	6	25	44,50
91326005	SPB600-5	600	607	5	120	90	558	30	101	6	25	46,00
91326305	SPB630-5	630	637	5	128	90	588	30	101	6	25	51,00



SPB/6 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91321406	SPB140-6	140	147	6	-	60	98	-	120	2	20	7,92
91321506	SPB150-6	150	157	6	-	60	108	-	120	2	20	9,13
91321606	SPB160-6	160	167	6	-	65	118	-	120	2	20	10,47
91321706	SPB170-6	170	177	6	70	65	128	40	120	4	20	8,70
91321806	SPB180-6	180	187	6	80	70	138	40	120	4	20	13,78
91322006	SPB200-6	200	207	6	96	70	158	40	120	4	25	14,50
91322126	SPB212-6	212	219	6	104	80	170	35	120	4	25	14,50
91322506	SPB250-6	250	257	6	104	80	208	25	120	4	25	18,72
91322806	SPB280-6	280	287	6	104	80	238	25	120	4	25	19,32
91323006	SPB300-6	300	307	6	104	80	258	24	120	6	25	21,79
91323156	SPB315-6	315	322	6	120	90	273	24	120	6	25	22,65
91323406	SPB340-6	340	347	6	120	90	298	24	120	6	25	25,00
91323806	SPB380-6	380	387	6	120	100	338	28	120	6	25	31,00
91324006	SPB400-6	400	407	6	120	100	358	28	120	6	25	32,00
91324256	SPB425-6	425	432	6	120	100	383	28	120	6	25	35,00
91324506	SPB450-6	450	457	6	120	100	408	28	120	6	25	37,00
91325006	SPB500-6	500	507	6	128	105	458	33	120	6	25	42,00
91325606	SPB560-6	560	567	6	128	105	518	33	120	6	25	51,00



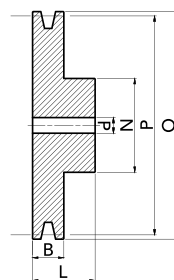


SPC/1 TYPE

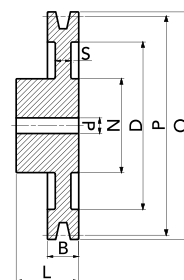
SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

TYPE 1



TYPE 3



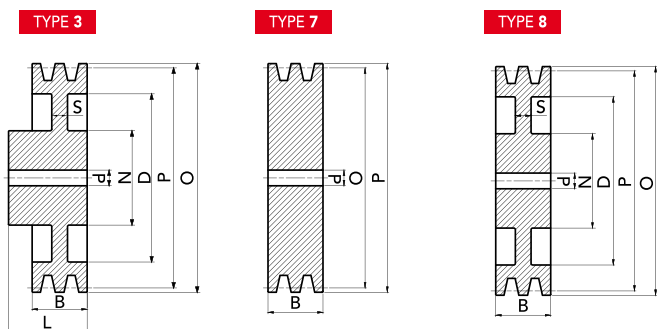
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91421201	SPC120-1	120	129,6	1	65	50	-	-	34	1	15	2,76
91421401	SPC140-1	140	149,6	1	70	50	-	-	34	1	20	3,85
91421501	SPC150-1	150	159,6	1	70	50	-	-	34	1	20	4,22
91421601	SPC160-1	160	169,6	1	72	50	-	-	34	1	20	4,82
91421801	SPC180-1	180	189,6	1	76	50	123	16	34	3	20	4,44
91422001	SPC200-1	200	209,6	1	76	50	143	16	34	3	20	5,18
91422251	SPC225-1	225	234,6	1	86	50	168	16	34	3	20	7,20
91422501	SPC250-1	250	259,6	1	86	50	193	16	34	3	20	8,50
91422801	SPC280-1	280	289,6	1	86	50	223	16	34	3	20	
91423001	SPC300-1	300	309,6	1	86	50	243	16	34	3	20	12,03



SPC/2 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91421202	SPC120-2	120	129,6	2	-	-	-	-	59,5	7	15	4,06
91421402	SPC140-2	140	149,6	2	-	-	-	-	59,5	7	20	5,42
91421502	SPC150-2	150	159,6	2	-	-	-	-	59,5	7	20	6,40
91421602	SPC160-2	160	169,6	2	-	-	-	-	59,5	7	20	7,33
91421802	SPC180-2	180	189,6	2	80	-	123	30	59,5	8	20	6,69
91422002	SPC200-2	200	209,6	2	80	60	143	20	59,5	3	20	7,68
91422252	SPC225-2	225	234,6	2	88	60	169	18	59,5	3	20	9,55
91422502	SPC250-2	250	259,6	2	92	60	193	18	59,5	3	20	11,00
91422802	SPC280-2	280	289,6	2	92	60	223	18	59,5	3	20	13,33
91423002	SPC300-2	300	309,6	2	92	60	243	18	59,5	3	20	15,35



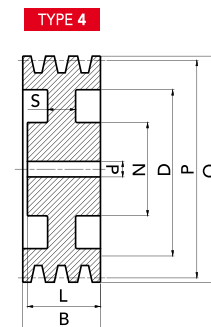
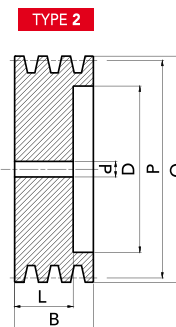


SPC/3 TYPE

SOLID HUB

MATERIAL

CAST-IRON G20/25 EN 1561



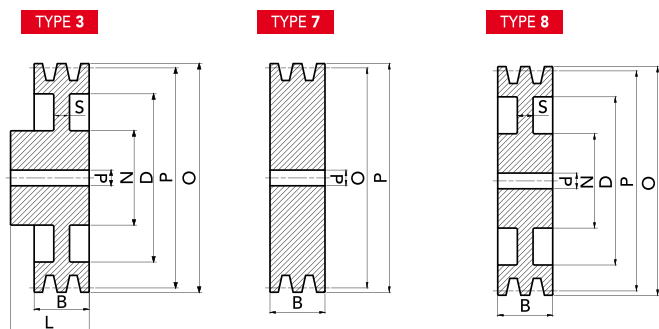
PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91421403	SPC140-3	140	149,6	3	-	65	83	-	85	2	20	6,92
91421503	SPC150-3	150	159,6	3	-	65	93	-	85	2	20	8,02
91421603	SPC160-3	160	169,6	3	-	65	103	-	85	2	20	9,00
91421803	SPC180-3	180	189,6	3	82	65	123	35	85	4	20	8,71
91422003	SPC200-3	200	209,6	3	86	65	143	25	85	4	20	10,16
91422253	SPC225-3	225	234,6	3	90	70	169	21	85	4	20	13,11
91422503	SPC250-3	250	259,6	3	92	70	193	21	85	4	20	15,31
91422803	SPC280-3	280	289,6	3	92	70	223	21	85	4	20	18,07
91423003	SPC300-3	300	309,6	3	92	70	243	21	85	4	20	20,79



SPC/4 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561



PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91421404	SPC140-4	140	149,6	4	-	80	83	-	110,5	2	20	8,80
91421504	SPC150-4	150	159,6	4	-	80	93	-	110,5	2	20	10,13
91421604	SPC160-4	160	169,6	4	-	80	103	-	110,5	2	20	11,42
91421804	SPC180-4	180	189,6	4	82	80	123	60	110,5	4	20	11,18
91422004	SPC200-4	200	209,6	4	90	90	143	60	110,5	4	20	16,51
91422254	SPC225-4	225	234,6	4	90	90	169	50	110,5	4	25	16,33
91422504	SPC250-4	250	259,6	4	100	90	193	30	110,5	4	25	19,34
91422804	SPC280-4	280	289,6	4	100	90	223	25	110,5	4	25	22,77
91423004	SPC300-4	300	309,6	4	100	90	243	25	110,5	4	25	24,98

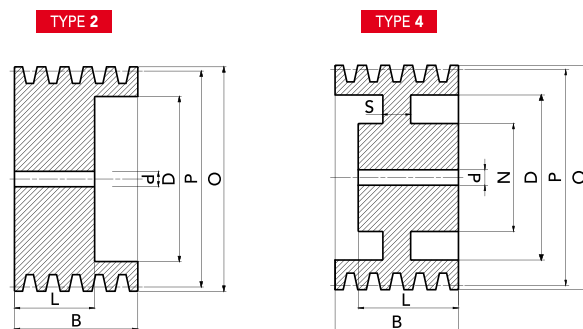




SPC/5 TYPE

SOLID HUB

MATERIAL
CAST-IRON G20/25 EN 1561

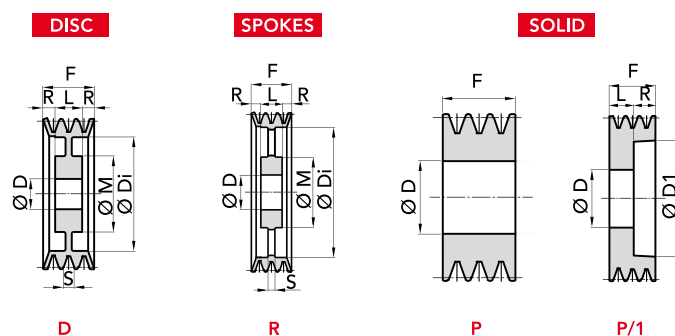


PROD. CODE	PROD. MODEL	P	O	GROOVES	N	L	D	S	B	TYPE	d (H9)	Kg
91421505	SPC150-5	150	159,6	5	-	96	93	-	136	2	20	12,09
91421605	SPC160-5	160	169,6	5	-	96	103	-	136	2	20	13,81
91421805	SPC180-5	180	189,6	5	82	96	123	75	136	4	20	13,40
91422005	SPC200-5	200	209,6	5	90	100	143	80	136	4	25	17,69
91422255	SPC225-5	225	234,6	5	90	100	169	60	136	4	25	18,98
91422505	SPC250-5	250	259,6	5	102	100	193	50	136	4	25	23,01
91422805	SPC280-5	280	289,6	5	102	100	223	40	136	4	25	26,02
91423005	SPC300-5	300	309,6	5	104	100	243	25	136	4	25	28,72

**SPA TYPE**

FOR LOCKING DEVICES

MATERIAL
CAST-IRON G20/25 EN 1561



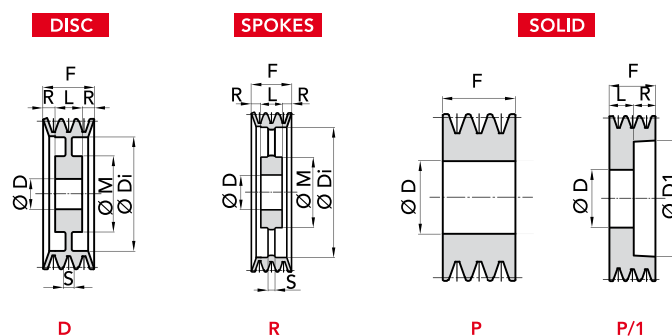
Dp	P. NUMBER Ø 55 H8	P. NUMBER Ø 65 H8	P. NUMBER Ø 80 H8	GROOVES	EXEC.	F	L	Ø M	R	Ø Di	S	Kg
90	91250902			2	P	35						0,76
	91250903			3	P	50						1,07
	91250905			5	P	80						1,68
95	91250952			2	P	35						0,93
100	91251001			1	P	20						0,50
	91251002	91261002		2	P	35						1,12/0,86
	91251003			3	P	50						1,54
105	91251052			2	P	35						1,31
120	91251202			2	P/1	35	27		8	88		1,75
125		91261252		2	P/1	35	27		8	92		1,78
		91261253		3	P/1	50	27		23	92		2,14
		91261254		4	P/1	65	27		38	92		2,58
130		91261303		3	P/1	50	27		23	97		2,43
140		91261403		3	P/1	50	27		23	107		2,87
150	91251502			2	P/1	35	27		8	117		2,98
		91261503		3	P/1	50	27		23	117		3,32
		91261504		4	P/1	65	27		38	117		3,91
160	91251602	91261602		2	P/1	35	27		8	127		3,5/3,31
		91261603		3	P/1	50	27		23	127		3,80
170	91251702			2	D	35	27		4	137	27	3,94
180		91261802		2	D	35	27		4	147	27	4,37
	91251803	91271803		3	D	50	27		11,5	147	27	5,00
190		91261902		2	D	35	27	120	4	157	12	4,06
		91261903		3	D	50	27	120	11,5	157	12	4,97
200	91252002	91262002		2	D	35	27	120	4	167	12	4,62/4,37
		91262003		3	D	50	27	120	11,5	167	14	5,34
		91262004		4	D	65	27	120	19	167	14	6,30
225	91252252	91262252		2	D	35	27	120	4	192	12	5,20
	91252253	91262253		3	D	50	27	120	11,5	192	14	6,3/6,04
250	91252502			2	R	35	27	130	4	217	14	5,84
		91282503		3	R	50	27	130	11,5	217	14	5,97
		91262504		4	R	65	27	130	19	217	14	8,58
300			91283004	4	R	65	27	130	19	267	14	8,38



SPB TYPE

FOR LOCKING DEVICES

MATERIAL
CAST-IRON G20/25 EN 1561



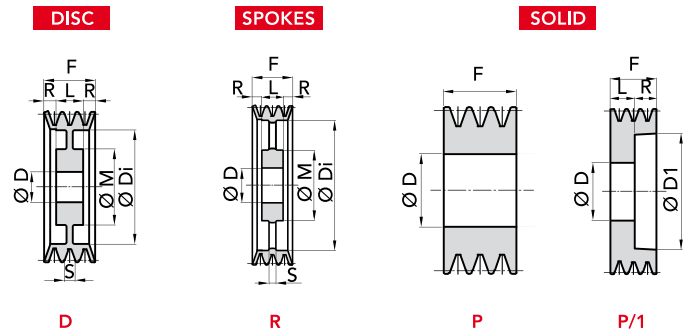
Dp	P. NUMBER Ø 55 H8	P. NUMBER Ø 65 H8	P. NUMBER Ø 80 H8	GROOVES	EXEC.	F	L	Ø M	R	Ø Di	S	Kg
112	91351121			1	P	25						1,11
	91351122			2	P/1	44	27		17	70		1,71
120		91371202		2	P/1	44	27		17	78		1,82
		91361203		3	P/1	63	27		36	78		2,80
		91361204		4	P/1	82	27		55	78		2,90
125	91351251			1	P	25						1,52
		91371252		2	P/1	44	27		17	83		2,03
		91361253		3	P/1	63	27		36	83		2,71
130		91361302	91381302	2	P/1	44	27		17	90		2,22/1,87
		91361303	91381303	3	P/1	63	27		36	90		2,77/2,43
		91361304	91381304	4	P/1	82	27		55	90		3,49/3,04
			91381305	5	P/1	101	27		74	90		3,67
			91381306	6	P/1	120	27		93	90		4,25
140		91361402	91381402	2	P/1	44	27		17	98		2,68/2,37
		91361403	91381403	3	P/1	63	27		36	98		3,45/3
		91361404	91381404	4	P/1	82	27		55	98		4,15/3,68
			91381405	5	P/1	101	27		74	98		4,46
150	91351501	91361501		1	P	25						2,31
		91361502	91381502	2	P/1	44	27		17	108		3,11/2,7
		91361503	91381503	3	P/1	63	27		36	108		3,91/3,54
		91361504	91381504	4	P/1	82	27		55	108		4,64/4,27
			91381505	5	P/1	101	27		74	108		5,08
160	91351601	91361601		1	P	25						2,68
		91361602	91381602	2	P/1	44	27		17	118		3,66/3,31
		91361603	91381603	3	P/1	63	27		36	118		4,48/4,11
			91381604	4	P/1	82	27		55	118		5,04
			91381605	5	P/1	101	27		74	118		5,71
			91381606	6	P/1	120	27		93	118		6,62
170			91381702	2	D	44	27		8,5	128	27	3,78
			91381703	3	D	63	27		18	128	27	4,72
			91381704	4	D	82	27		27,5	128	27	5,54
			91381705	5	D	101	27		37	128	27	6,35
180		91361802	91381802	2	D	44	27		8,5	138	27	4,85/4,58
		91361803	91381803	3	D	63	27		18	138	27	5,44/5,3
		91361804	91381804	4	D	82	27		27,5	138	27	6,4/6,29
			91381805	5	D	101	27		37	138	27	7,30
			91381806	6	D	120	27		46,5	138	27	8,30

**SPB TYPE**

FOR LOCKING DEVICES

MATERIAL

CAST-IRON G20/25 EN 1561



Dp	P. NUMBER Ø 55 H8	P. NUMBER Ø 65 H8	P. NUMBER Ø 80 H8	GROOVES	EXEC.	F	L	Ø M	R	Ø Di	S	Kg
190		91361901		1	P	25						4,2
			91381902	2	D	44	27		8,5	148	27	4,6
			91381903	3	D	63	27		18	148	27	6,0
			91381904	4	D	82	27		27,5	148	27	7,0
			91381905	5	D	101	27		37	148	27	8,1
200		91362001	91382001	1	P	25						4,64/4,43
		91372002	91382002	2	D	44	27	120	8,5	158	15	5,34/5,09
		91362003	91382003	3	D	63	27	120	18	158	15	6,15/6,41
		91362004	91382004	4	D	82	27	120	27,5	158	15	7,27/6,9
			91382005	5	D	101	27	120	37	158	15	8,6
			91382006	6	D	120	27	120	46,5	158	18	9,9
212		91362122	91382122	2	D	44	27	120	8,5	170	15	5,64/5,16
		91362123	91382123	3	D	63	27	120	18	170	15	6,87/6,92
		91362124	91382124	4	D	82	27	120	27,5	170	15	8,3/8,04
			91382125	5	D	101	27	120	37	170	15	9,2
225		91372252	91382252	2	D	44	27	120	8,5	183	15	6,16/6,27
		91362253	91382253	3	D	63	27	120	18	183	15	8,01/7,1
		91362254	91382254	4	D	82	27	120	27,5	183	15	8,3/8,35
			91382255	5	D	101	27	120	37	183	15	10
			91382256	6	D	120	27	120	46,5	183	18	11,9
240			91382403	3	D	63	27	120	18	198	16	8,3
250	91352501			1	D	25	25	130		208	16	6,4
	91352502	91372502	91382502	2	D	44	27	130	8,5	208	16	8,25/8,13/7,49
			91382503	3	D	63	27	130	18	208	16	9,1
		91362504	91382504	4	D	82	27	130	27,5	208	16	10,6/10,1
			91382505	5	D	101	27	130	37	208	16	12,5
			91382506	6	D	120	27	130	46,5	208	18	13,8
280				1	D	25	25	120		238	16	6,5
			91382802	2	D	44	27	120	8,5	238	16	9,6
			91382803	3	D	63	27	120	18	238	16	11,1
			91382804	4	D	82	27	120	27,5	238	16	12,1
			91382805	5	D	101	27	130	37	238	16	13,9
300	91353001			1	R	25	25	130		258	15	6,2
			91383004	4	R	82	27	130	27,5	258	20	12,8
			91383005	5	R	101	27	130	37	258	22	14,9
315		91363153		3	R	63	27	130	18	273	18	11,3
			91383154	4	R	82	27	130	27,5	273	20	12,5
			91383155	5	R	101	27	130	37	273	22	15,2
355	91353551			1	R	25	25	130		308	16	10,7





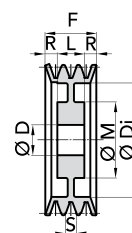
SPC TYPE

FOR LOCKING DEVICES

MATERIAL

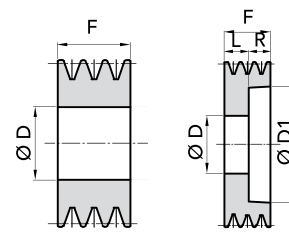
CAST-IRON G20/25 EN 1561

DISC



D

SOLID



P

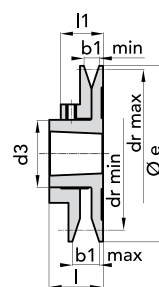
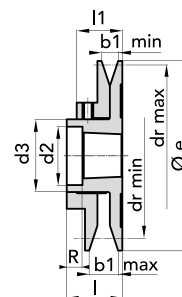
P/1

Dp	P. NUMBER Ø 55 H8	P. NUMBER Ø 65 H8	P. NUMBER Ø 80 H8	GROOVES	EXEC.	F	L	Ø M	R	Ø Di	S	Kg
160			91481603	3	P/1	85	27		58	103		5,81
190			91481903	3	P/1	85	27		58	133		8,10
225			91482253	3	D	85	27	120	29	168	25	10,65



PRB TYPE

MATERIAL
CAST-IRON G20/25 EN 1561

**EXECUTION 1****EXECUTION 2**

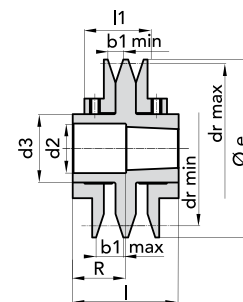
PULLEY TYPE	P. NUMBER	EXEC.	GROOVES	BUSHE	Ø e	l	l1	b1		dr		d2	d3	R	GRUB DIN 916 UNI 5929	SECTION BELT	Kg
								min	max	min	max						
PRB - 93	90000931	2	1	1108	93	36,5	29	10	17,5	57	78	46	M60x2	13,5	No.4	Z 10x6	0,86
										59	85				M6x6	A 13x8	
PRB - 108	90001081	1	1	1215	108	38	30,5	10	17,5	68	92	-	M72x2	-	No.4	Z 10x6	1,18
										70	100				M6x6	A 13x8	
PRB - 120	90001201	1	1	1215	120	38	30,5	10	17,5	75	93					SPZ	
										76	102					SPA	
										80	104	-	M72x2	-	No.4	Z 10x6	1,46
										82	112				M6x6	A 13x8	
PRB - 138	90001381	1	1	1615	138	38	30,5	10	17,5	87	105					SPZ	
										88	114					SPA	
										98	122	-	M85x2	-	No.4	Z 10x6	2,00
										100	130				M6x6	A 13x8	
PRB - 160	90001601	2	1	1615	160	45	35,5	13	22,5	105	123					SPZ	
										106	132					SPA	
										108	138	69	M85x2	6,5	No.4	A 13x8	3,04
										112	150				M8x8	B 17x11	
PRB - 180	90001801	2	1	2012	180	45	35,5	13	22,5	114	140					SPA	
										117	153					SPB	
										128	158	87	M110x2	12,5	No.4	A 13x8	3,80
										132	170				M8x8	B 17x11	
PRB - 200	90002001	2	1	2012	200	45	35,5	13	22,5	134	160					SPA	
										137	173					SPB	
										149	177	87	M110x2	12,5	No.4	A 13x8	4,75
										152	190				M8x8	B 17x11	
										155	179					SPA	
										159	193					SPB	





PRB TYPE

MATERIAL
CAST-IRON G20/25 EN 1561



EXECUTION 3

PULLEY TYPE	P. NUMBER	EXEC.	GROOVES	BUSHE	Ø e	l	l1	b1		dr		d2	d3	R	GRUB DIN 916 UNI 5929	SECTION BELT	Kg
								min	max	min	max						
PRB2 - 108	90001082	3	2	1215	108	73	58	10	17,5	68	92	57	M72x2	34,5	No. 8	Z 10x6	2,40
										70	100					A 13x8	
										75	93					SPZ	
										76	102					SPA	
PRB2 - 120	90001202	3	2	1215	120	73	58	10	17,5	80	104	57	M72x2	34,5	No. 8	Z 10x6	2,65
										82	112					A 13x8	
										87	105					SPZ	
										88	114					SPA	
PRB2 - 138	90001382	3	2	1615	138	73	58	10	17,5	98	122	69	M85x2	34,5	No. 8	Z 10x6	3,60
										100	130					A 13x8	
										105	123					SPZ	
										106	132					SPA	
PRB2 - 160	90001602	3	2	1615	160	87	68	13	22,5	108	138	69	M85x2	48,5	No. 8	A 13x8	5,60
										112	150					B 17x11	
										114	140					SPA	
										117	153					SPB	
PRB2 - 180	90001802	3	2	2012	180	87	68	13	22,5	128	158	87	M110x2	54	No. 8	A 13x8	7,15
										132	170					B 17x11	
										134	160					SPA	
										137	173					SPB	
PRB2 - 200	90002002	3	2	2012	200	87	68	13	22,5	149	177	87	M110x2	54	No. 8	A 13x8	8,92
										152	190					B 17x11	
										155	179					SPA	
										159	193					SPB	
										155	179					SPA	
										159	193					SPB	



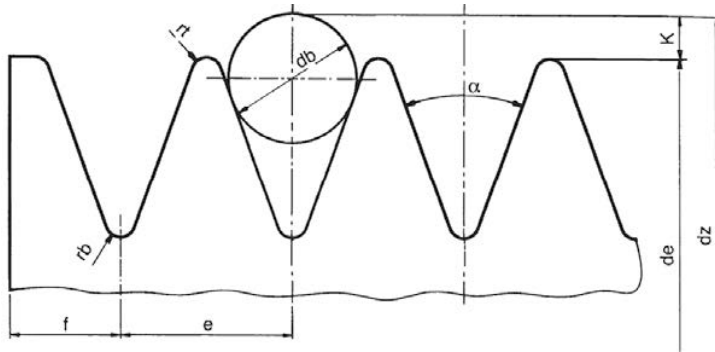
MICRO-V TAPER LOCK

TYPES

Grooved pulleys for industrial transmissions are characterized by their size and groove pitch in the following types: **PPV-J** and **PPV-L**

PROFILE DIMENSIONS

The transverse profile dimensions of a grooved pulley are shown in the picture and table below.



Table

TYPE	PPV-J	PPV-L
Grooves pitch e	2.34	4.70
Tolerance for e*	± 0.03	± 0.05
Sum of tolerances e**	± 0.30	± 0.30
Race angle $\alpha^{**} \pm 0,5$	40°	40°
rt min.	0.20	0.40
rb max	0.40	0.40
Diameter of the control sphere or roller db ± 0.01	1.50	3.50
2K** nominal	0.23	2.36
f min.	1.8	3.3

* = this tolerance applies to the distance between the axes of two consecutive grooves

** = the sum of all the tolerances "e" for all the races of each pulley must not exceed the value foreseen in the table

* = the axis of each groove must form a $90^\circ \pm 0.5^\circ$ angle with the pulley axis

** = K is not in relation to the pulley's nominal diameter but is measured from the position of the measurement sphere or roller.

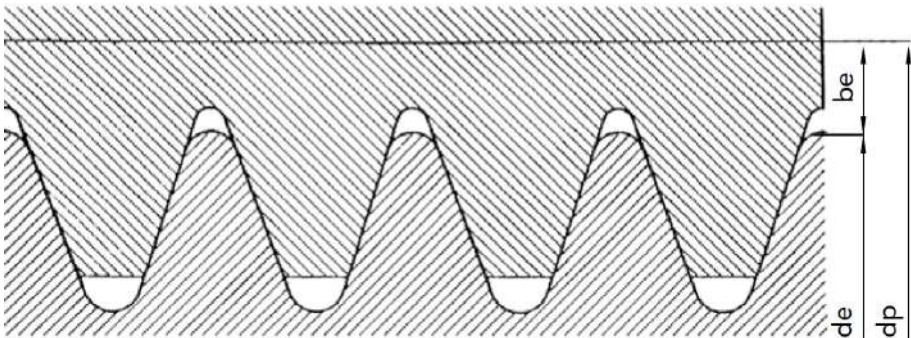




MICRO-V TAPER LOCK

PITCH DIAMETER

In below figure is shown, in cross-section, the position of a V-Belt in contact with the corresponding pulley.



$dp \approx de + 2be$

TYPE	PPV-J	PPV-L
2 be	2	5

DESIGNATION

The Designation includes the following details, in order given: “pulley” designation, the Standard reference, number of grooves, type and actual pitch diameter in mm. An example of designation of PPV-J type for industrial transmissions with 8 grooves and pitch diameter of 200 mm is:

8 PPV-J 200

GROOVE SURFACE FINISH GRADE

The surface roughness of the grooves shall be Ra 3.2 according to ISO254.

MATERIAL

C45 UNI 7845
Pulleys are manufactured in steel material.

BALANCING

UNI 4218 – ISO 1940
Preset pulleys for a tapered bush are statically balanced within grade G.6.3.
It is possible to perform dynamic balancing, on request.
Dynamic balancing is mandatory for speeds exceeding 30 m/s.

DESIGN POWER CALCULATION

Once the nominal power to be transmitted P (Kw) is known, generally matches with the nominal power of the electric motor, the service factor C_o must be selected following the table below and then it is possible to calculate the design power P_c (Kw) as follows:

$P_c = C_o \times P$



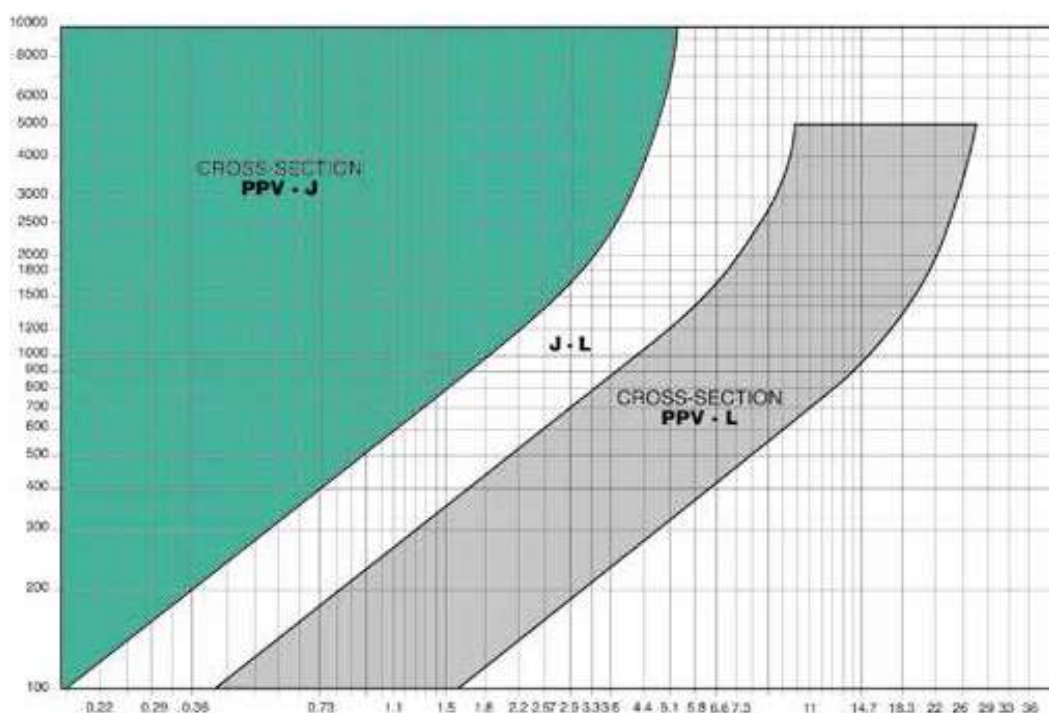
MICRO-V TAPER LOCK

SERVICE FACTOR (C_p)

CLASS A	CLASS B					
▪ Synchronous and asynchronous, squirrel cage, normal torque, alternating current motor. ▪ Shunt winding direct current motor ▪ Internal combustion engine (steady-state condition ≥ 700 r.p.m.) ▪ Turbines	▪ Asynchronous, squirrel cage, high torque alternating current motor ▪ Compound winding direct current motor ▪ Internal combustion engine (steady-state condition ≥ 700 r.p.m.) ▪ Clutches					
TYPE OF MACHINE DRIVEN	Class A Motor			Class B Motor		
	Number of daily operating hours			Number of daily operating hours		
	<10	10÷16	>16	<10	<10÷16	>16
▪ Liquid mixers ▪ Blowers ▪ Extractors ▪ Centrifuge fans ▪ Lightweight conveyors ▪ Mixers designed for pasty products ▪ Blenders ▪ Generators ▪ Laundry machines ▪ Machine tools	1 1.1	1.1 1.2	1.2 1.3	1.1 1.2	1.2 1.3	1.3 1.4
▪ Rotary compressors ▪ Rotary pumps ▪ Sieves ▪ Heavyweight conveyors ▪ Spraying systems ▪ Dynamo ▪ Bakery machines ▪ Printing machines ▪ Wood working machines ▪ Axial fans ▪ Brick making machines	1.2	1.3	1.4	1.3	1.4	1.5
▪ Piston compressors ▪ Piston pumps ▪ Crushers ▪ Bucket elevators ▪ Elevators ▪ Paper making machines ▪ Mills ▪ Hoists	1.4	1.5	1.6	1.5	1.6	1.8
▪ Grinding machines ▪ Crushing machines ▪ Drainage systems ▪ Calenders and extruders for rubber and plastics	1.6	1.7	1.8	1.7	1.8	2

CROSS-SECTION SELECTION

R.p.m. of smallest pulley The type of cross-section is selected by using the diagram shown below.





PPV-J TYPE

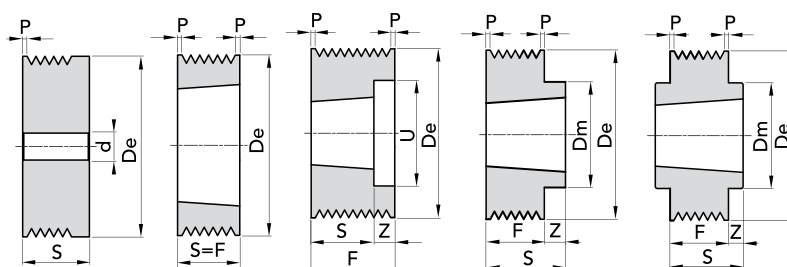
PITCH 2,34 ± 0,025

N° GROOVES	F±0.1	P
8	23	3.31
12	32.5	3.38
16	42	3.45

MATERIAL

CAST-IRON G20/25 EN 1561

C45 EN 10083



EXEC. 1

EXEC. 2

EXEC. 3

EXEC. 4

EXEC. 5

De	CODE	EXEC.	GROOVES	BUSHE	S	Z	Dm	U	d	Kg
40	48108040	1	8	-	32	-	-	-	12	0,24
	48112040	1	12	-	41,5	-	-	-	12	0,32
	48116040	1	16	-	51	-	-	-	12	0,38
	48108045	1	8	-	32	-	-	-	12	0,32
45	48112045	1	12	-	41,5	-	-	-	12	0,41
	48116045	1	16	-	51	-	-	-	12	0,50
	48108050	1	8	-	32	-	-	-	12	0,40
	48112050	1	12	-	41,5	-	-	-	12	0,52
50	48116050	1	16	-	51	-	-	-	12	0,63
	48108056	2	8	1108	23	-	-	-	-	0,39
	48112056	3	12	1108	23	9,5	-	40	-	0,65
	48116056	1	16	-	51	-	-	-	12	0,81
63	48108063	2	8	1108	23	-	-	-	-	0,50
	48112063	3	12	1108	23	9,5	-	46	-	0,39
	48116063	1	16	-	51	-	-	-	12	1,05
	48108071	2	8	1108	23	-	-	-	-	0,64
71	48112071	3	12	1108	23	9,5	-	46	-	0,57
	48116071	2	16	1215	42	-	-	55	-	0,63
	48108075	2	8	1108	23	-	-	-	-	0,72
	48112075	3	12	1610	26	6,5	-	60	-	0,38
75	48116075	3	16	1610	26	16	-	60	-	0,46
	48108080	4	8	1610	26	3	70	-	-	0,41
	48112080	3	12	1610	26	6,5	-	60	-	0,52
	48116080	3	16	1610	26	16	-	60	-	0,64
80	48108085	4	8	1610	26	3	70	-	-	0,51
	48112085	3	12	1610	26	6,5	-	60	-	0,66
	48116085	3	16	1610	26	16	-	60	-	0,84
	48108090	4	8	1610	26	3	70	-	-	0,62
90	48112090	3	12	1610	26	6,5	-	74	-	0,76
	48116090	3	16	1610	26	16	-	74	-	0,87
	48108095	4	8	1610	26	3	82	-	-	0,78
	48112095	3	12	1610	26	6,5	-	74	-	0,93
95	48116095	3	16	1610	26	16	-	74	-	1,08
	48108100	4	8	1610	26	3	82	-	-	0,90
	48112100	3	12	1610	26	6,5	-	74	-	1,10
	48116100	3	16	1610	26	16	-	74	-	1,32
106	48108106	4	8	1610	26	3	82	-	-	1,05
	48112106	3	12	1610	26	6,5	-	88	-	1,24
	48116106	3	16	1610	26	16	-	88	-	1,40
	48108112	4	8	1610	26	3	90	-	-	1,25
112	48112112	3	12	1610	26	6,5	-	88	-	1,47
	48116112	3	16	1610	26	16	-	88	-	1,70
	48108118	4	8	1610	26	3	90	-	-	1,43
	48112118	3	12	2012	32	0,5	-	98	-	1,55
118	48116118	3	16	2012	32	10	-	98	-	1,79
	48108125	4	8	1610	26	3	90	-	-	1,64
	48112125	3	12	2012	32	0,5	-	98	-	1,90
	48116125	3	16	2012	32	10	-	98	-	2,18
132	48108132	4	8	1610	26	3	90	-	-	1,88
	48112132	3	12	2012	32	0,5	-	98	-	2,21
	48116132	3	16	2012	32	10	-	98	-	2,60
	48108140	4	8	1610	26	3	90	-	-	1,60
140	48112140	4	12	2517	45	12,5	120	-	-	2,70
	48116140	4	16	2517	45	3	120	-	-	3,25
	48108160	5	8	2012	32	4,5	110	-	-	3,01
	48112160	4	12	2517	45	12,5	120	-	-	3,80
160	48116160	4	16	2517	45	3	120	-	-	4,37
	48108180	5	8	2012	32	4,5	110	-	-	3,92
	48112180	5	12	2517	45	6,25	120	-	-	5,08
	48116180	5	16	2517	45	1,5	120	-	-	5,97
180	48108200	5	8	2012	32	4,5	110	-	-	4,88
	48112200	5	12	2517	45	6,25	120	-	-	6,40
	48116200	5	16	2517	45	1,5	120	-	-	7,75
	48108224	5	8	2012	32	4,5	110	-	-	6,17
224	48112224	5	12	2517	45	6,25	120	-	-	8,29
	48116224	5	16	2517	45	1,5	120	-	-	11,00
	48108250	5	8	2012	32	4,5	110	-	-	8,48
	48112250	5	12	2517	45	6,25	120	-	-	10,50
250	48116250	5	16	2517	45	1,5	120	-	-	13,00



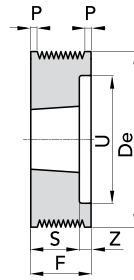
PPV-L TYPE

PITCH $4,70 \pm 0,050$

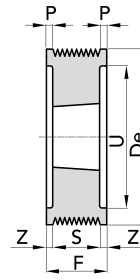
N° GROOVES	F ± 0.1	P
8	48	7.55
12	67	7.65
16	86	7.75

MATERIAL

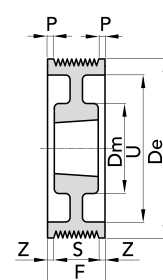
CAST-IRON G20/25 EN 1561



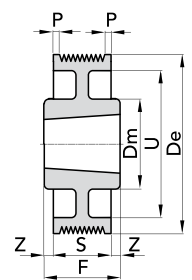
EXEC. 3



EXEC. 6



EXEC. 7



EXEC. 8

De	CODE	EXEC.	GROOVES	BUSHE	S	Z	Dm	U	Kg	De	CODE	EXEC.	GROOVES	BUSHE	S	Z	Dm	U	Kg
75	48208075	3	8	1210	26	22	-	56	0,66	140	48208140	3	8	2517	45	3	82	116	3,02
	48212075	3	12	1215	42	25	-	56	0,97		48212140	6	12	2517	45	11	-	116	3,55
80	48208080	3	8	1210	26	22	-	56	0,86	150	48216140	6	16	2517	45	20,5	-	116	4,05
	48212080	3	12	1215	42	25	-	56	1,25		48208150	3	8	2517	45	3	-	126	3,75
85	48208085	3	8	1210	26	22	-	61	1,00	160	48212150	6	12	2517	45	11	-	126	4,30
	48212085	3	12	1215	42	25	-	61	1,47		48216150	6	16	2517	45	20,5	-	126	4,85
90	48216085	6	16	1215	42	22	-	61	1,76	170	48208160	3	8	2517	45	3	-	136	4,54
	48208090	3	8	1610	26	22	-	66	1,01		48212160	6	12	2517	45	11	-	136	5,12
95	48212090	3	12	1615	42	25	-	66	1,45	180	48216160	6	16	3020	52	17	-	136	4,88
	48216090	6	16	1615	42	22	-	66	1,78		48208170	3	8	2517	45	3	-	146	5,35
100	48208095	3	8	1610	26	22	-	71	1,16	200	48212170	6	12	2517	45	11	-	146	6,03
	48212095	3	12	1615	42	25	-	71	1,71		48216170	6	16	3020	52	17	-	146	6,58
106	48216095	6	16	1615	42	22	-	71	2,02	224	48208180	7	8	2517	45	1,5	120	156	4,52
	48208100	3	8	1610	26	22	-	76	1,31		48212180	7	12	2517	45	11	120	156	5,34
112	48212100	3	12	2012	32	35	-	79	1,39	250	48216180	6	16	3020	52	17	-	156	7,09
	48216100	6	16	2012	32	27	-	79	1,69		48208200	7	8	2517	45	1,5	120	176	5,07
118	48208106	3	8	1610	26	22	-	82	1,53	280	48212200	7	12	3020	52	7,5	146	176	6,99
	48212106	3	12	2012	32	35	-	82	1,76		48216200	7	16	3020	52	17	146	176	7,92
125	48216106	6	16	2012	32	27	-	82	2,12	315	48208224	7	8	2517	45	1,5	120	202	9,77
	48208112	3	8	1610	26	22	-	88	1,75		48212224	7	12	3020	52	7,5	146	202	11,0
132	48212112	3	12	2012	32	35	-	88	2,02	250	48216224	7	16	3020	52	17	146	202	14,12
	48216112	6	16	2012	32	27	-	88	2,42		48208250	8	8	3020	52	2	146	228	13,12
132	48208118	3	8	2012	32	16	-	94	1,88	280	48212250	7	12	3020	52	7,5	146	228	15,60
	48212118	6	12	2517	45	11	-	97	1,96		48216250	8	16	3535	89	1,5	178	228	16,13
125	48216118	6	16	2517	45	20,5	-	97	2,31	315	48208280	8	8	3020	52	2	146	256	18,18
	48208125	3	8	2012	32	16	-	101	2,22		48212280	7	12	3020	52	7,5	146	256	21,75
132	48212125	6	12	2517	45	11	-	101	2,46	280	48216280	8	16	3535	89	1,5	178	256	24,45
	48216125	6	16	2517	45	20,5	-	101	2,92		48208315	8	8	3020	52	2	146	285	24,82
132	48208132	3	8	2012	32	16	-	108	2,54	315	48212315	8	12	3535	89	11	178	285	42,64
	48212132	6	12	2517	45	11	-	108	2,97		48216315	8	16	3535	89	1,5	178	285	35,34
132	48216132	6	16	2517	45	20,5	-	108	3,44										



Timing bars Flanges for pulley Plate for timing belt

LEGEND

PITCH = *PASSO*

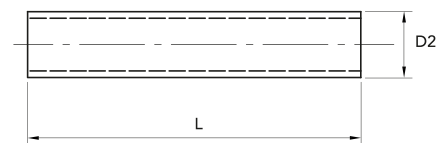
Index

- 312 TIMING BARS **POLY CHAIN GT[®]**
- 313 TIMING BARS **POSITIVE**
- 316 TIMING BARS **HTD[®]**
- 318 TIMING BARS **METRIC “T”**
- 322 TIMING BARS **METRIC “CT”**
- 323 **FLANGES** FOR PULLEYS
- 325 PLATE FOR TIMING BELT **POWERGRIP[®] POSITIVE**
- 326 PLATE FOR TIMING BELT **POWERGRIP[®] HTD[®]**
- 327 PLATE FOR TIMING BELT **METRIC PITCH “T”**
- 328 PLATE FOR TIMING BELT **METRIC PITCH “AT”**



8M - 14M

MATERIAL
C45 EN 10083



L USEFUL = L TOTAL

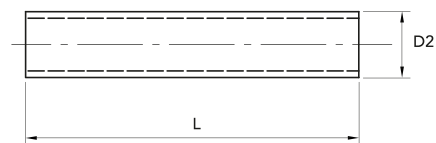
8M (pitch 8mm)							14M (pitch 14mm)						
TYPE	CODE	Dp	De	L	SUITABLE FLANGE	Kg.	TYPE	CODE	Dp	De	L	SUITABLE FLANGE	Kg.
8M-22	48600022	56,02	54,42	180	58	3,20	14M-28	48800028	124,78	121,98	200	153	18,00
8M-25	48600025	63,66	62,06	180	61	4,20	14M-30	48800030	133,69	130,89	200	154	20,80
8M-28	48600028	71,30	69,70	180	62	5,20	14M-32	48800032	142,60	139,80	200	157	23,80
8M-30	48600030	76,39	74,79	180	82	6,00	14M-34	48800034	151,52	148,72	200	158	27,00
8M-32	48600032	81,49	79,89	180	65	6,90	14M-36	48800036	160,43	157,63	200	168	30,30
8M-34	48600034	86,58	84,98	180	66	7,80	14M-38	48800038	169,34	166,54	200	161	33,90
8M-36	48600036	91,67	90,07	180	68	8,90	14M-40	48800040	178,25	175,45	200	162	37,70
8M-38	48600038	96,77	95,17	180	70	10,0	14M-44	48800044	196,08	193,28	200	165	45,90
8M-40	48600040	101,86	100,26	200	77	12,3	14M-48	48800048	213,90	211,11	200	167	54,80
8M-45	48600045	114,59	112,99	200	75	15,4							
8M-48	48600048	122,23	120,63	200	78	17,7							
8M-50	48600050	127,32	125,72	200	80	18,2							
8M-56	48600056	142,60	141,00	200	85	24,5							
8M-60	48600060	152,79	151,19	200	86	28,1							
8M-64	48600064	162,97	161,37	200	90	31,8							
8M-75	48600075	190,99	189,39	200	100	44,0							



MXL 0.080" (2.032 mm)

The **MXL** bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL
ALUMINIUM 6082-T6 EN 573



L USEFUL = L TOTAL

TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg
MXL 12	42023012	12	7,26	50	75	0,01
MXL 14	42023014	14	8,56	50	75	0,01
MXL 15	42023015	15	9,19	50	75	0,01
MXL 16	42023016	16	9,83	50	75	0,02
MXL 18	42023018	18	11,12	50	75	0,02
MXL 20	42023020	20	12,42	90	120	0,04
MXL 22	42023022	22	13,72	125	140	0,05
MXL 24	42023024	24	15,01	125	140	0,06
MXL 25	42023025	25	15,67	125	140	0,07
MXL 26	42023026	26	16,31	125	140	0,08
MXL 28	42023028	28	17,60	125	140	0,09
MXL 30	42023030	30	18,90	125	140	0,10
MXL 32	42023032	32	20,19	125	140	0,12
MXL 34	42023034	34	21,49	125	140	0,13
MXL 36	42023036	36	22,78	132	140	0,15
MXL 38	42023038	38	24,09	132	140	0,17
MXL 40	42023040	40	25,37	132	140	0,19
MXL 42	42023042	42	26,67	140	140	0,20
MXL 44	42023044	44	27,94	140	140	0,23
MXL 45	42023045	45	28,60	140	140	0,24
MXL 48	42023048	48	30,53	140	140	0,27
MXL 50	42023050	50	31,83	140	140	0,30
MXL 60	42023060	60	38,30	160	160	0,49
MXL 70	42023070	70	44,78	160	160	0,67
MXL 72	42023072	72	46,05	160	160	0,72



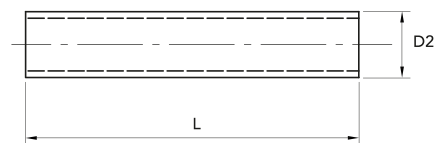
XL 1/5" (5.08 mm)

The XL bars are built in **Steel** and **Aluminium** suitable for the hard oxidation thickness.

MATERIAL

C45 EN 10083

ALUMINIUM 6082-T6 EN 573



L USEFUL = L TOTAL

TYPE	CODE STEEL	CODE ALUMINIUM	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg ALUMINIUM	Kg
XL 10	42000010	42003010	10	15,66	125	140	0,07	0,84
XL 11	42000011	42003011	11	17,28	125	140	0,08	0,92
XL 12	42000012	42003012	12	18,90	125	140	0,10	1,20
XL 13	42000013	42003013	13	20,51	125	140	0,11	1,08
XL 14	42000014	42003014	14	22,13	132	140	0,13	1,12
XL 15	42000015	42003015	15	23,75	132	140	0,16	1,44
XL 16	42000016	42003016	16	25,36	140	140	0,18	1,27
XL 17	42000017	42003017	17	26,98	140	140	0,20	1,31
XL 18	42000018	42003018	18	28,60	140	140	0,23	1,51
XL 19	42000019	42003019	19	30,22	140	140	0,26	1,70
XL 20	42000020	42003020	20	31,83	140	140	0,28	1,60
XL 21	42000021	42003021	21	33,45	160	160	0,36	2,06
XL 22	42000022	42003022	22	35,07	160	160	0,40	2,12
XL 23	42000023	42003023	23	36,60	160	160	0,44	2,32
XL 24	42000024	42003024	24	38,30	160	160	0,48	2,41
XL 25	42000025	42003025	25	39,93	160	160	0,51	2,75
XL 26	42000026	42003026	26	41,53	160	160	0,56	2,79
XL 27	42000027	42003027	27	43,15	160	160	0,60	3,90
XL 28	42000028	42003028	28	44,77	160	160	0,65	3,41
XL 29	42000029	42003029	29	46,39	160	160	0,70	3,42
XL 30	42000030	42003030	30	48,00	160	160	0,75	3,78
XL 32	42000032	42003032	32	51,24	160	160	0,87	3,93
XL 33	42000033	42003033	33	52,76	160	160	0,92	4,00
XL 34	42000034	42003034	34	54,47	160	160	0,98	4,48
XL 35	42000035	42003035	35	56,09	160	160	1,04	4,50
XL 36	42000036	42003036	36	57,7	160	160	1,1	4,60
XL 38	42000038	42003038	38	60,94	160	160	1,23	5,15
XL 39	42000039	42003039	39	62,56	160	160	1,3	5,20
XL 40	42000040	42003040	40	64,17	160	160	1,37	5,75
XL 41	42000041	42003041	41	65,79	160	160	1,43	6,00
XL 42	42000042	42003042	42	67,41	160	160	1,51	6,10
XL 43	42000043	42003043	43	69,02	160	160	1,58	6,50
XL 44	42000044	42003044	44	70,64	160	160	1,65	6,60
XL 48	42000048	42003048	48	77,11	160	160	1,98	7,57
XL 56	42000056	42003056	56	90,04	160	160	2,71	10,66
XL 60	42000060	42003060	60	96,51	160	160	3,1	10,90
XL 72	42000072	42003072	72	115,92	160	160	4,52	15,20



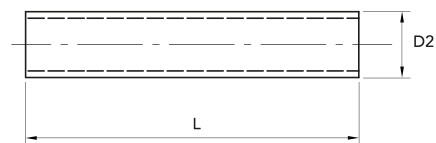
L 3/8" (9.525 mm)

The **L** bars are built in **Steel** and **Aluminium** suitable for the hard oxidation thickness.

MATERIAL

C45 EN 10083

ALUMINIUM 6082-T6 EN 573



L USEFUL = L TOTAL

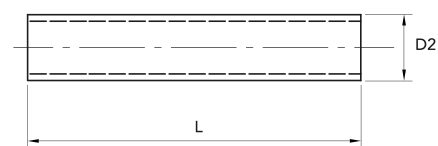
TYPE	CODE STEEL	CODE ALUMINIUM	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg ALUMINIUM	Kg
L 10	42010010	42013010	10	29,56	140	140	0,66	0,23
L 11	42010011	42013011	11	32,59	140	140	0,81	0,28
L 12	42010012	42013012	12	35,62	160	160	1,12	0,39
L 13	42010013	42013013	13	38,65	160	160	1,32	0,46
L 14	42010014	42013014	14	41,68	160	160	1,57	0,55
L 15	42010015	42013015	15	44,72	160	160	1,81	0,63
L 16	42010016	42013016	16	47,75	160	160	2,08	0,73
L 17	42010017	42013017	17	50,78	160	160	2,34	0,82
L 18	42010018	42013018	18	53,81	160	160	2,64	0,93
L 19	42010019	42013019	19	56,84	160	160	2,96	1,04
L 20	42010020	42013020	20	59,88	160	160	3,32	1,16
L 21	42010021	42013021	21	62,91	160	160	3,67	1,28
L 22	42010022	42013022	22	65,94	160	160	4,07	1,41
L 23	42010023	42013023	23	68,97	160	160	4,44	1,55
L 24	42010024	42013024	24	72,00	160	160	4,86	1,69
L 27	42010027	42013027	27	81,10	160	160	6,20	2,15
L 30	42010030	42013030	30	90,20	160	160	7,72	2,67



HTD® 5M (pitch 5 mm)

Aluminium material suitable for the hard oxidation.

MATERIAL
ALUMINIUM 6082-T6 EN 573



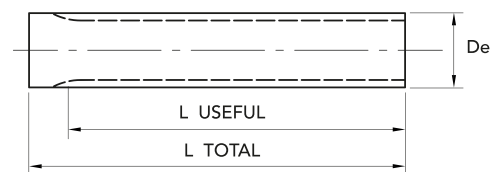
L USEFUL = L TOTAL

TYPE	CODE	N. TEETH	Dp	De EXTERNAL	L USEFUL	L TOTAL	Kg
5M- 12	40200012	12	19,10	17,96	150	160	0,08
5M- 13	40200013	13	20,69	19,55	150	160	0,10
5M- 14	40200014	14	22,28	21,14	175	200	0,16
5M- 15	40200015	15	23,87	22,73	175	200	0,19
5M- 16	40200016	16	25,47	24,33	175	200	0,21
5M- 17	40200017	17	27,06	25,92	175	200	0,24
5M- 18	40200018	18	28,65	27,51	200	200	0,27
5M- 19	40200019	19	30,24	29,1	200	200	0,31
5M- 20	40200020	20	31,83	30,69	200	200	0,35
5M- 21	40200021	21	33,42	32,28	200	200	0,39
5M- 22	40200022	22	35,02	33,88	200	200	0,43
5M- 23	40200023	23	36,61	35,47	200	200	0,48
5M- 24	40200024	24	38,20	37,06	200	200	0,52
5M- 25	40200025	25	39,79	38,65	200	200	0,57
5M- 26	40200026	26	41,38	40,24	200	200	0,62
5M- 27	40200027	27	42,97	41,83	200	200	0,67
5M- 28	40200028	28	44,56	43,42	200	200	0,73
5M- 30	40200030	30	47,75	46,61	200	200	0,84
5M- 32	40200032	32	50,93	49,79	200	200	0,97
5M- 34	40200034	34	54,11	52,97	200	200	1,11
5M- 36	40200036	36	57,30	56,16	200	200	1,25
5M- 38	40200038	38	60,48	59,34	200	200	1,40
5M- 40	40200040	40	63,66	62,52	200	200	1,55
5M- 42	40200042	42	66,85	65,71	200	200	1,73
5M- 44	40200044	44	70,03	68,89	200	200	1,90
5M- 45	40200045	45	71,62	70,48	200	200	1,99
5M- 48	40200048	48	76,40	75,26	200	200	2,27
5M- 50	40200050	50	79,58	78,44	200	200	2,48
5M- 60	40200060	60	95,5	94,36	200	200	3,60
5M- 72	40200072	72	114,59	113,45	200	200	5,28

HTD® 8M (pitch 8 mm)

Aluminium material suitable for the hard oxidation.

MATERIAL
C45 EN 10083



TYPE	CODE	N. TEETH	Dp	De EXTERNAL	L USEFUL	L TOTAL	Kg
8M- 18	40400018	18	45,84	44,47	200	200	2,03
8M- 19	40400019	19	48,38	47,01	200	200	2,30
8M- 20	40400020	20	50,93	49,56	200	200	2,57
8M- 21	40400021	21	53,48	52,11	200	200	2,88
8M- 22	40400022	22	56,02	54,65	200	200	3,18
8M- 23	40400023	23	58,57	57,20	200	200	3,52
8M- 24	40400024	24	61,12	59,75	200	200	3,86
8M- 25	40400025	25	63,66	62,29	200	200	4,23
8M- 26	40400026	26	66,21	64,84	200	200	4,60
8M- 28	40400028	28	71,30	69,93	200	200	5,40
8M- 30	40400030	30	76,40	75,03	200	200	6,27
8M- 32	40400032	32	81,49	80,12	200	200	7,20
8M- 34	40400034	34	86,58	85,21	200	200	8,20
8M- 35	40400035	35	89,13	87,76	200	200	8,71
8M- 36	40400036	36	91,68	90,31	200	200	9,26
8M- 38	40400038	38	96,77	95,40	200	200	19,39
8M- 40	40400040	40	101,86	100,49	200	200	11,58
8M- 44	40400044	44	112,05	110,67	200	200	14,16
8M- 48	40400048	48	122,23	120,86	200	200	16,99

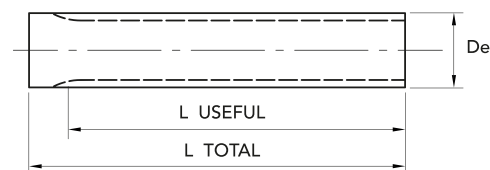


T 2.5 (pitch 2.5 mm)

The T 2.5 bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL

ALUMINIUM 6082-T6 EN 573



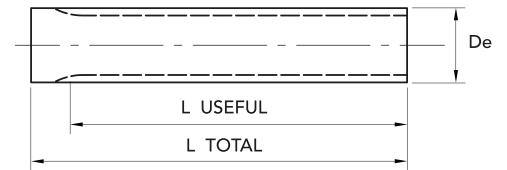
TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg
T 2,5- 10	45020010	10	7,45	50	75	0,01
T 2,5- 12	45020012	12	9,00	50	75	0,01
T 2,5- 13	45020013	13	9,80	50	75	0,02
T 2,5- 14	45020014	14	10,60	50	75	0,02
T 2,5- 15	45020015	15	11,40	50	75	0,02
T 2,5- 16	45020016	16	12,20	50	75	0,03
T 2,5- 17	45020017	17	13,00	50	75	0,03
T 2,5- 18	45020018	18	13,80	50	75	0,03
T 2,5- 19	45020019	19	14,60	90	120	0,05
T 2,5- 20	45020020	20	15,40	90	120	0,06
T 2,5- 21	45020021	21	16,20	90	120	0,06
T 2,5- 22	45020022	22	17,00	125	140	0,08
T 2,5- 24	45020024	24	18,55	125	140	0,09
T 2,5- 26	45020026	26	20,15	125	140	0,10
T 2,5- 27	45020027	27	20,95	125	140	0,12
T 2,5- 28	45020028	28	21,75	125	140	0,13
T 2,5- 29	45020029	29	22,55	125	140	0,14
T 2,5- 30	45020030	30	23,35	125	140	0,16
T 2,5- 32	45020032	32	24,95	125	140	0,18
T 2,5- 34	45020034	34	26,55	125	140	0,20
T 2,5- 35	45020035	35	27,35	132	140	0,20
T 2,5- 36	45020036	36	28,10	132	140	0,22
T 2,5- 38	45020038	38	29,70	140	140	0,25
T 2,5- 40	45020040	40	31,30	140	140	0,28
T 2,5- 42	45020042	42	32,90	140	140	0,31
T 2,5- 44	45020044	44	34,50	140	140	0,34
T 2,5- 45	45020045	45	35,30	140	140	0,36
T 2,5- 48	45020048	48	37,70	140	140	0,41
T 2,5- 50	45020050	50	39,29	160	160	0,51
T 2,5- 60	45020060	60	47,25	160	160	0,74
T 2,5- 65	45020065	65	51,20	160	160	0,90
T 2,5- 70	45020070	70	55,20	160	160	1,01
T 2,5- 72	45020072	72	56,80	160	160	1,07
T 2,5- 90	45020090	90	71,12	160	160	1,64
T 2,5- 100	45020100	100	79,08	160	160	2,09



T 5 (pitch 5 mm)

The **T5** bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL
ALUMINIUM 6082-T6 EN 573



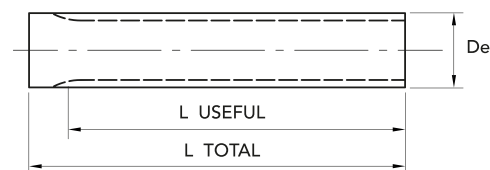
TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTALE	Kg
T 5- 10	45050010	10	15,05	125	140	0,07
T 5- 11	45050011	11	16,65	125	140	0,08
T 5- 12	45050012	12	18,25	125	140	0,10
T 5- 13	45050013	13	19,85	125	140	0,12
T 5- 14	45050014	14	21,45	140	140	0,13
T 5- 15	45050015	15	23,05	140	140	0,16
T 5- 16	45050016	16	24,60	140	140	0,18
T 5- 17	45050017	17	26,20	140	140	0,20
T 5- 18	45050018	18	27,00	140	140	0,22
T 5- 19	45050019	19	29,40	140	140	0,24
T 5- 20	45050020	20	31,00	160	160	0,31
T 5- 21	45050021	21	32,70	160	160	0,33
T 5- 22	45050022	22	34,15	160	160	0,36
T 5- 23	45050023	23	35,85	160	160	0,40
T 5- 24	45050024	24	37,40	160	160	0,44
T 5- 25	45050025	25	38,95	160	160	0,48
T 5- 26	45050026	26	40,60	160	160	0,53
T 5- 27	45050027	27	42,20	160	160	0,57
T 5- 28	45050028	28	43,75	160	160	0,61
T 5- 29	45050029	29	45,35	160	160	0,66
T 5- 30	45050030	30	46,95	160	160	0,69
T 5- 32	45050032	32	50,10	160	160	0,81
T 5- 34	45050034	34	53,25	160	160	0,91
T 5- 35	45050035	35	54,85	160	160	0,98
T 5- 36	45050036	36	56,45	160	160	1,04
T 5- 37	45050037	37	58,06	160	160	1,10
T 5- 38	45050038	38	59,65	160	160	1,17
T 5- 40	45050040	40	62,85	160	160	1,33
T 5- 42	45050042	42	66,00	160	160	1,43
T 5- 44	45050044	44	69,20	160	160	1,58
T 5- 45	45050045	45	70,80	160	160	1,65
T 5- 46	45050046	46	72,40	160	160	1,72
T 5- 48	45050048	48	75,55	160	160	1,88
T 5- 50	45050050	50	78,75	160	160	2,05
T 5- 60	45050060	60	94,65	160	160	3,00
T 5- 72	45050072	72	113,75	160	160	4,34
T 5- 80	45050080	80	126,48	160	160	5,38
T 5- 90	45050090	90	142,40	160	160	6,84
T 5- 100	45050100	100	158,31	160	160	8,46



T 10 (pitch 10 mm)

The **T 10** bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL
ALUMINIUM 6082-T6 EN 573



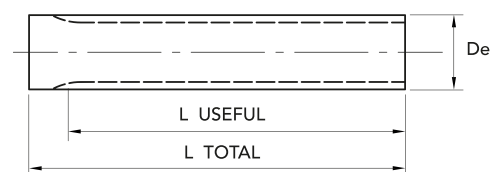
TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg
T 10- 10	45100010	10	29,98	140	140	0,23
T 10- 11	45100011	11	33,16	140	140	0,29
T 10- 12	45100012	12	36,35	140	140	0,35
T 10- 13	45100013	13	39,55	140	140	0,42
T 10- 14	45100014	14	42,70	160	160	0,56
T 10- 15	45100015	15	45,90	160	160	0,66
T 10- 16	45100016	16	49,10	160	160	0,76
T 10- 17	45100017	17	52,25	160	160	0,86
T 10- 18	45100018	18	55,45	160	160	0,99
T 10- 19	45100019	19	58,65	160	160	1,10
T 10- 20	45100020	20	61,80	160	160	1,22
T 10- 21	45100021	21	65,00	160	160	1,32
T 10- 22	45100022	22	68,15	160	160	1,45
T 10- 23	45100023	23	71,35	160	160	1,60
T 10- 24	45100024	24	74,55	160	160	1,76
T 10- 26	45100026	26	80,90	160	160	2,08
T 10- 28	45100028	28	87,25	160	160	2,44
T 10- 30	45100030	30	93,65	160	160	2,84
T 10- 32	45100032	32	100,00	160	160	3,25
T 10- 34	45100034	34	106,40	160	160	3,69
T 10- 36	45100036	36	112,75	160	160	4,15
T 10- 38	45100038	38	119,10	160	160	4,62
T 10- 40	45100040	40	125,45	160	160	5,15
T 10- 45	45100045	45	141,40	160	160	6,59
T 10- 48	45100048	48	150,95	160	160	7,55
T 10- 60	45100060	60	189,15	160	160	11,78
T 10- 72	45100072	72	227,29	160	160	17,16



CT 5 (pitch 5 mm)

The **CT5** bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL
ALUMINIUM 6082-T6 EN 573



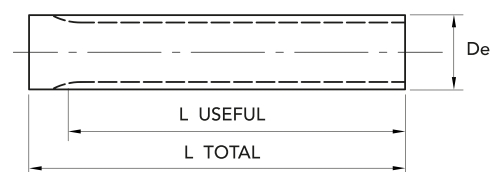
TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTALE	Kg
CT5- 12	46050012	12	17,85	140	140	0,08
CT5- 13	46050013	13	19,45	140	140	0,10
CT5- 14	46050014	14	21,05	140	140	0,12
CT5- 15	46050015	15	22,65	140	140	0,14
CT5- 16	46050016	16	24,20	140	140	0,15
CT5- 18	46050018	18	27,40	140	140	0,20
CT5- 19	46050019	19	29,00	140	140	0,23
CT5- 20	46050020	20	30,60	160	160	0,30
CT5- 21	46050021	21	32,30	160	160	0,33
CT5- 22	46050022	22	33,85	160	160	0,36
CT5- 23	46050023	23	35,45	160	160	0,40
CT5- 24	46050024	24	37,00	160	160	0,44
CT5- 25	46050025	25	38,55	160	160	0,47
CT5- 26	46050026	26	40,20	160	160	0,51
CT5- 28	46050028	28	43,25	160	160	0,60
CT5- 30	46050030	30	46,55	160	160	0,69
CT5- 32	46050032	32	49,70	160	160	0,81
CT5- 34	46050034	34	52,85	160	160	0,90
CT5- 36	46050036	36	56,05	160	160	1,02
CT5- 38	46050038	38	59,25	160	160	1,14
CT5- 40	46050040	40	62,45	160	160	1,28
CT5- 42	46050042	42	65,60	160	160	1,41
CT5- 44	46050044	44	68,80	160	160	1,55
CT5- 46	46050046	46	72,00	160	160	1,70
CT5- 48	46050048	48	75,15	160	160	1,85
CT5- 52	46050052	52	81,55	160	160	2,19
CT5- 56	46050056	56	87,90	160	160	2,55
CT5- 60	46050060	60	94,25	160	160	2,94
CT5- 64	46050064	64	100,65	160	160	3,36
CT5- 72	46050072	72	113,35	160	160	4,29



CT 10 (pitch 10 mm)

The **CT 10** bars are built in **Aluminium** suitable for the hard oxidation thickness.

MATERIAL
ALUMINIUM 6082-T6 EN 573



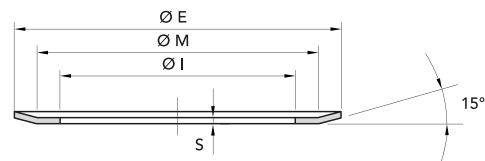
TYPE	CODE	N. TEETH	De EXTERNAL	L USEFUL	L TOTAL	Kg
CT10- 15	46100015	15	45,90	160	160	0,62
CT10- 16	46100016	16	49,14	160	160	0,72
CT10- 18	46100018	18	55,45	160	160	0,92
CT10- 19	46100019	19	58,65	160	160	1,05
CT10- 20	46100020	20	61,80	160	160	1,17
CT10- 21	46100021	21	65,00	160	160	1,31
CT10- 22	46100022	22	68,20	160	160	1,44
CT10- 23	46100023	23	71,35	160	160	1,60
CT10- 24	46100024	24	74,55	160	160	1,75
CT10- 25	46100025	25	77,75	160	160	1,91
CT10- 26	46100026	26	80,90	160	160	2,06
CT10- 28	46100028	28	87,25	160	160	2,42
CT10- 30	46100030	30	93,65	160	160	2,79
CT10- 32	46100032	32	100,00	160	160	3,20
CT10- 34	46100034	34	106,40	160	160	3,65
CT10- 36	46100036	36	112,75	160	160	4,09
CT10- 38	46100038	38	119,10	160	160	4,59
CT10- 40	46100040	40	125,45	160	160	5,16
CT10- 42	46100042	42	131,85	160	160	5,65
CT10- 44	46100044	44	138,20	160	160	6,22
CT10- 46	46100046	46	144,55	160	160	6,84
CT10- 48	46100048	48	150,95	160	160	7,45
CT10- 52	46100052	52	163,65	160	160	8,93
CT10- 56	46100056	56	176,40	160	160	10,39
CT10- 60	46100060	60	189,15	160	160	11,78



THICKNESS 0,5 mm - 1 mm

MATERIAL
S235 JR EN 10025

ZINCPLATED



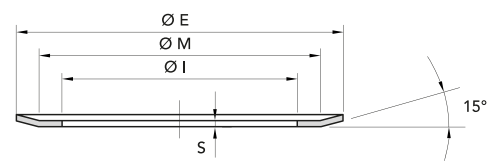
THICKNESS 0,5 mm					
N. FLANGE	CODE	Thickness S = 0,5 mm			Kg
		Ø E	Ø I	Ø M	
501	49200501	13	6	10	0,0004
502	49200502	15	8	12	0,0005
503	49200503	16	9,5	13	0,0005
504	49200504	17,5	11,6	14,5	0,0005
505	49200505	20	12,2	16,5	0,0008
506	49200506	25	14,5	21,5	0,001
507	49200507	26	17,8	24	0,001
508	49200508	28	20	25	0,001
509	49200509	32	23	27,5	0,001
510	49200510	36	25	31	0,002
511	49200511	38	26,5	34	0,002
512	49200512	22	14,5	19	0,0008
513	49200513	42	30,5	38	0,003
514	49200514	44	32,5	40,5	0,003
515	49200515	51	40	47	0,003
516	49200516	17,5	10,5	14,5	0,0006
517	49200517	23	14	20	0,001
518	49200518	25	15	21,5	0,001
519	49200519	39	28	34,5	0,002
520	49200520	48	37	43,5	0,003

THICKNESS 1 mm					
N. FLANGE	CODE	Thickness S = 1 mm			Kg
		Ø E	Ø I	Ø M	
1	49200001	23	12,5	18	0,003
2	49200002	25	15	21,5	0,003
3	49200003	19,5	12	17,5	0,002
4	49200004	28	17,8	24	0,003
5	49200005	32	20	26	0,004
6	49200006	32	23	27,5	0,003
7	49200007	35	23	30,5	0,004
8	49200008	36	25	31	0,004
9	49200009	38	26,5	34	0,005
10	49200010	41	30	36	0,005
11	49200011	48	37	43,5	0,006
12	49200012	44	32,5	40,5	0,006
13	49200013	42	30,5	38	0,005
14	49200014	23	14	20	0,002
15	49200015	39	28	34,5	0,004
16	49200016	51	40	47	0,006
17					
18	49200018	54	43	50,5	0,007
19					
20	49200020	57	47	51,5	0,006
21	49200021	60	47	57	0,008
22	49200022	61	49	56,5	0,008
23	49200023	64	47	57	0,012
24	49200024	66,5	52	63	0,011
25	49200025	71	56	64	0,012
26	49200026	70	53	66,5	0,012
27	49200027	75	60	68,5	0,012
28					
29	49200029	83	68	78	0,014
30					
31	49200031	87	72	82,5	0,014
32	49200032	91	76	85,5	0,016
33	49200033	93	80	89	0,014
34					
35	49200035	102	83	93,8	0,021
36					
37					
38	49200038	106	90	101	0,019
39					
40					
41					
42					
43	49200043	119	103	113,5	0,021
44					
45					
46					
47	49200047	131	115	125,5	0,024



THICKNESS 1,5 mm - 2,5 mm

MATERIAL
S235 JR EN 10025

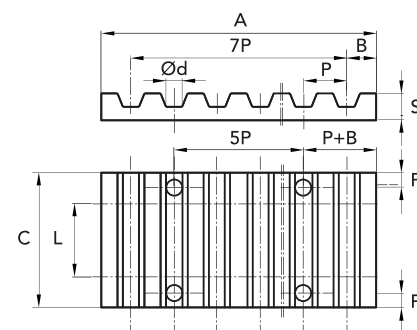


THICKNESS 1,5 mm					
N. FLANGE	CODE	Thickness S = 1,5 mm			Kg
		Ø E	Ø I	Ø M	
50	49200050	37	25	33	0,007
51	49200051	39	28	34,5	0,007
52	49200052	43	31	39	0,008
53	49200053	60	47	57	0,013
54	49200054	48	37	42	0,009
55	49200055	51	38,5	45	0,020
56	49200056	54	43	48	0,009
57	49200057	57	46	51	0,020
58	49200058	60	48	54,2	0,011
59	49200059	64	47	57	0,017
60	49200060	66,5	53	60,2	0,014
61	49200061	70	53	64	0,019
62	49200062	75	57	68	0,021
63	49200063	79	60	72,5	0,024
64	49200064	82,5	64	76	0,024
65	49200065	86	68	81,5	0,025
66	49200066	91	73	86	0,028
67	49200067	94	76	88	0,028
68	49200068	97	79	92	0,029
69	49200069	66	52	61,5	0,015
70	49200070	102	82,5	97	0,033
71	49200071	106	86	100	0,034
72	49200072	112	91	105,5	0,038
73	49200073	83	68	76,5	0,021
74	49200074	115	94	109	0,039
75	49200075	120	99,5	112,5	0,041
76	49200076	87	72	82,5	0,021
77	49200077	106	90	101	0,027
78	49200078	128	107	121	0,045
79	49200079	75	60	70,5	0,018
80	49200080	135	115	128,5	0,046
81	49200081	142	120	137	0,051
82	49200082	82,5	67	76	0,021
83	49200083	44	32,5	40,5	0,008
84					
85	49200085	150	130	145	0,052
86	49200086	158	138,5	153	0,054
87					
88					
89					
90	49200090	168	148	161	0,058
91					
92					
93					
94	49200094	180	154	174	0,078
95	49200095	184	162	177	0,068
96	49200096	192	165	181,5	0,090
97	49200097	192	173	187	0,060
98					
99					
100	49200100	200	180	193	0,076

THICKNESS 2,5 mm					
N. FLANGE	CODE	Thickness S = 2,5 mm			Kg
		Ø E	Ø I	Ø M	
150					
151					
152					
153	49200153	128	107	124	0,075
154	49200154	138	112	131	0,098
155	49200155	140	107	125	0,125
156	49200156	146	107	133	0,155
157	49200157	155	107	139	0,191
158	49200158	160	120	148	0,173
159	49200159	170	120	153	0,225
160	49200160	154	122	142	0,133
161	49200161	184	135	168	0,241
162	49200162	188	150	176	0,191
163	49200163	198	150	180	0,255
164	49200164	205	160	189	0,254
165	49200165	212	162	200	0,288
166	49200166	160	130	150	0,132
167	49200167	227	176	210	0,318
168	49200168	168	135	162	0,154
169	49200169	240	192	224	0,342
170	49200170	256	220	240	0,269
171	49200171	160	136	150	0,105
172	49200172	183	145	170	0,195
173	49200173	267	220	240	0,362
174	49200174	188	160	177	0,146
175	49200175	211	173	198	0,216
176					
177	49200177	297	249	280	0,391
178	49200178	290	230	260	0,312
179					
180	49200180	226	190	214	0,232
181					
182	49200182	256	225	247	0,228
183					
184	49200184	296	260	287	0,311



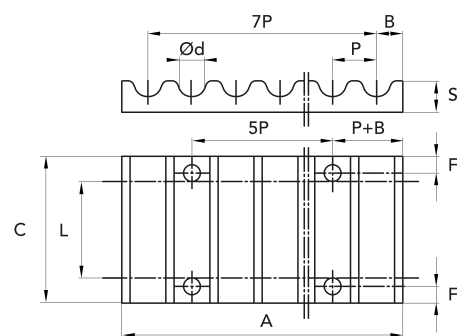
MATERIAL
ALUMINIUM 6082-T6 EN 573



TYPE	CODE	P	L	F	d	B	A	S	C	Kg
XL 025	49341001	5,08	6,35	6	5,5	3,5	42,5	8	25,5	0,02
XL 037	49341003	5,08	9,52	6	5,5	3,5	42,5	8	28,5	0,02
L 050	49342050	9,52	12,70	8	9,0	5,0	76,6	15	39	0,10
L 075	49342075	9,52	19,05	8	9,0	5,0	76,6	15	45	0,12
L 100	49342100	9,52	25,40	8	9,0	5,0	76,6	15	51,5	0,16
H 050	49343050	12,70	12,70	10	11,0	9,0	106,9	22	45	0,25
H 075	49343075	12,70	19,05	10	11,0	9,0	106,9	22	51	0,30
H 100	49343100	12,70	25,40	10	11,0	9,0	106,9	22	57,5	0,33



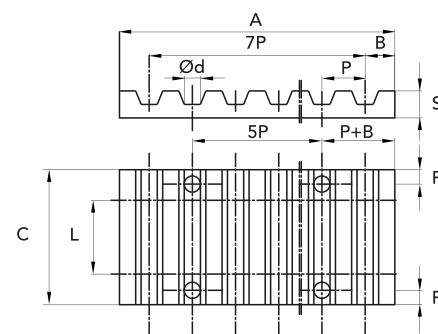
MATERIAL
ALUMINIUM 6082-T6 EN 573



TYPE	CODE	P	L	F	d	B	A	S	C	Kg
5M 09	49340209	5	09	6	5,5	3,2	41,5	8	28	0,02
5M 15	49340215	5	15	6	5,5	3,2	41,5	8	34	0,03
5M 25	49340225	5	25	6	5,5	3,2	41,5	8	44	0,04
8M 20	49340420	8	20	8	9	5	66	15	45	0,10
8M 30	49340430	8	30	8	9	5	66	15	55	0,12
8M 50	49340450	8	50	8	9	5	66	15	75	0,17
8M 85	49340485	8	85	8	9	5	66	15	110	0,25
14M 40	49341440	14	40	10	11	9	116	22	71	0,40
14M 55	49341455	14	55	10	11	9	116	22	86	0,50
14M 85	49341485	14	85	10	11	9	116	22	116	0,68
14M 115	49341490	14	115	10	11	9	116	22	146	0,85
14M 170	49341492	14	170	10	11	9	116	22	201	1,20



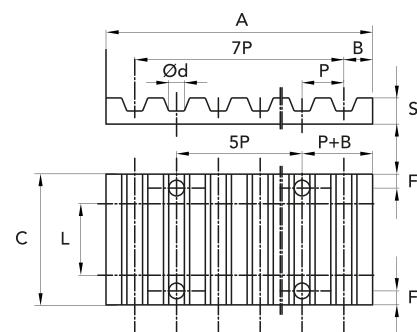
MATERIAL
ALUMINIUM 6082-T6 EN 573



TYPE	CODE	P	L	F	d	B	A	S	C	Kg
T5 10	49340510	5	10	6	5,5	3,2	41,8	8	29	0,02
T5 16	49340516	5	16	6	5,5	3,2	41,8	8	35	0,03
T5 25	49340525	5	25	6	5,5	3,2	41,8	8	44	0,04
T10 16	49341016	10	16	8	9	5	80	15	41	0,11
T10 25	49341025	10	25	8	9	5	80	15	50	0,14
T10 32	49341032	10	32	8	9	5	80	15	57	0,16
T10 50	49341050	10	50	8	9	5	80	15	75	0,22



MATERIAL
ALUMINIUM 6082-T6 EN 573



TYPE	CODE	P	L	F	d	B	A	S	C	Kg
CT5 10	49346510	5	10	6	5,5	3,2	41,8	8	29	0,02
CT5 16	49346516	5	16	6	5,5	3,2	41,8	8	35	0,03
CT5 25	49346525	5	25	6	5,5	3,2	41,8	8	44	0,04
CT10 16	49347016	10	16	8	9	5	80	15	41	0,11
CT10 25	49347025	10	25	8	9	5	80	15	50	0,14
CT10 32	49347032	10	32	8	9	5	80	15	57	0,16
CT10 50	49347050	10	50	8	9	5	80	15	75	0,22





Taper bushes brand RCB®

LEGEND

PITCH = *PASSO*

10

Index

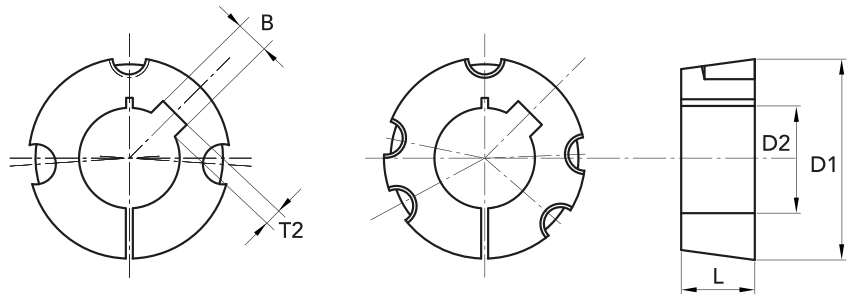
- 332 **BRAND RCB®**
- 339 **ADAPTORS** TAPER BUSHES TL



METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

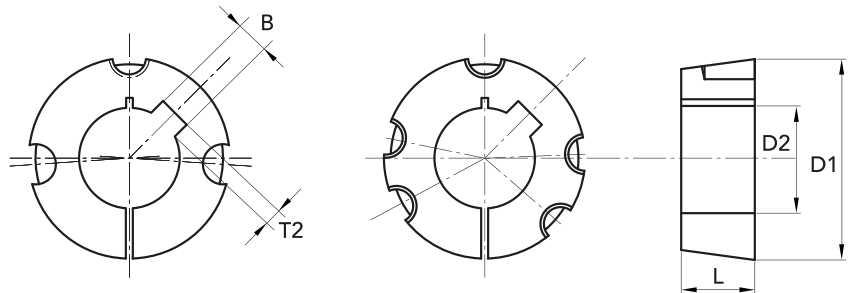
EXECUTION B

TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
1008	35	29100800	A	22	8	-	-	-	1/4"x1/2"	5,6	0,13
1008	35	29100808	A	22	-	8	2	1,0	1/4"x1/2"	5,6	0,13
1008	35	29100810	A	22	-	10	3	1,4	1/4"x1/2"	5,6	0,13
1008	35	29100811	A	22	-	11	4	1,8	1/4"x1/2"	5,6	0,13
1008	35	29100812	A	22	-	12	4	1,8	1/4"x1/2"	5,6	0,12
1008	35	29100814	A	22	-	14	5	2,3	1/4"x1/2"	5,6	0,12
1008	35	29100816	A	22	-	16	5	2,3	1/4"x1/2"	5,6	0,11
1008	35	29100818	A	22	-	18	6	2,8	1/4"x1/2"	5,6	0,10
1008	35	29100819	A	22	-	19	6	2,8	1/4"x1/2"	5,6	0,10
1008	35	29100820	A	22	-	20	6	2,8	1/4"x1/2"	5,6	0,09
1008	35	29100822	A	22	-	22	6	2,8	1/4"x1/2"	5,6	0,08
1008	35	29100824	A	22	-	24	8	1,3	1/4"x1/2"	5,6	0,07
1008	35	29100825	A	22	-	25	8	1,3	1/4"x1/2"	5,6	0,07
1108	38	29110800	A	22	12	-	-	-	1/4"x1/2"	5,6	0,15
1108	38	29110809	A	22	-	9	3	1,4	1/4"x1/2"	5,6	0,15
1108	38	29110811	A	22	-	11	4	1,8	1/4"x1/2"	5,6	0,15
1108	38	29110812	A	22	-	12	4	1,8	1/4"x1/2"	5,6	0,15
1108	38	29110814	A	22	-	14	5	2,3	1/4"x1/2"	5,6	0,15
1108	38	29110816	A	22	-	16	5	2,3	1/4"x1/2"	5,6	0,14
1108	38	29110818	A	22	-	18	6	2,8	1/4"x1/2"	5,6	0,13
1108	38	29110819	A	22	-	19	6	2,8	1/4"x1/2"	5,6	0,13
1108	38	29110820	A	22	-	20	6	2,8	1/4"x1/2"	5,6	0,12
1108	38	29110822	A	22	-	22	6	2,8	1/4"x1/2"	5,6	0,11
1108	38	29110824	A	22	-	24	8	3,3	1/4"x1/2"	5,6	0,10
1108	38	29110825	A	22	-	25	8	3,3	1/4"x1/2"	5,6	0,09
1108	38	29110828	A	22	-	28	8	2,0	1/4"x1/2"	5,6	0,07
1210	47,5	29121000	A	25	12	-	-	-	3/8"x5/8"	19,6	0,28
1210	47,5	29121011	A	25	-	11	4	1,8	3/8"x5/8"	19,6	0,28
1210	47,5	29121012	A	25	-	12	4	1,8	3/8"x5/8"	19,6	0,28
1210	47,5	29121013	A	25	-	13	5	2,3	3/8"x5/8"	19,6	0,28
1210	47,5	29121014	A	25	-	14	5	2,3	3/8"x5/8"	19,6	0,27
1210	47,5	29121016	A	25	-	16	5	2,3	3/8"x5/8"	19,6	0,26
1210	47,5	29121018	A	25	-	18	6	2,8	3/8"x5/8"	19,6	0,25
1210	47,5	29121019	A	25	-	19	6	2,8	3/8"x5/8"	19,6	0,24
1210	47,5	29121020	A	25	-	20	6	2,8	3/8"x5/8"	19,6	0,24
1210	47,5	29121022	A	25	-	22	6	2,8	3/8"x5/8"	19,6	0,23
1210	47,5	29121024	A	25	-	24	8	3,3	3/8"x5/8"	19,6	0,21
1210	47,5	29121025	A	25	-	25	8	3,3	3/8"x5/8"	19,6	0,21
1210	47,5	29121028	A	25	-	28	8	3,3	3/8"x5/8"	19,6	0,18
1210	47,5	29121030	A	25	-	30	8	3,3	3/8"x5/8"	19,6	0,17
1210	47,5	29121032	A	25	-	32	10	3,3	3/8"x5/8"	19,6	0,15

METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

EXECUTION B

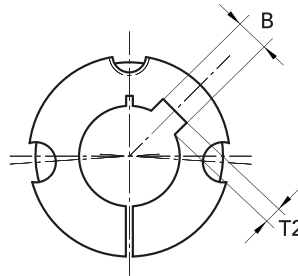
TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
1215	47,5	29121500	A	38	12	-	-	-	3/8"x5/8"	19,6	0,38
1215	47,5	29121514	A	38	-	14	5	2,3	3/8"x5/8"	19,6	0,38
1215	47,5	29121519	A	38	-	19	6	2,8	3/8"x5/8"	19,6	0,34
1215	47,5	29121520	A	38	-	20	6	2,8	3/8"x5/8"	19,6	0,34
1215	47,5	29121522	A	38	-	22	6	2,8	3/8"x5/8"	19,6	0,32
1215	47,5	29121524	A	38	-	24	8	3,3	3/8"x5/8"	19,6	0,29
1215	47,5	29121525	A	38	-	25	8	3,3	3/8"x5/8"	19,6	0,29
1215	47,5	29121528	A	38	-	28	8	3,3	3/8"x5/8"	19,6	0,26
1610	57	29161000	A	25	12	-	-	-	3/8"x5/8"	19,6	0,41
1610	57	29161012	A	25	-	12	4	1,8	3/8"x5/8"	19,6	0,41
1610	57	29161014	A	25	-	14	5	2,3	3/8"x5/8"	19,6	0,41
1610	57	29161015	A	25	-	15	5	2,3	3/8"x5/8"	19,6	0,41
1610	57	29161016	A	25	-	16	5	2,3	3/8"x5/8"	19,6	0,40
1610	57	29161018	A	25	-	18	6	2,8	3/8"x5/8"	19,6	0,39
1610	57	29161019	A	25	-	19	6	2,8	3/8"x5/8"	19,6	0,38
1610	57	29161020	A	25	-	20	6	2,8	3/8"x5/8"	19,6	0,38
1610	57	29161022	A	25	-	22	6	2,8	3/8"x5/8"	19,6	0,36
1610	57	29161024	A	25	-	24	8	3,3	3/8"x5/8"	19,6	0,36
1610	57	29161025	A	25	-	25	8	3,3	3/8"x5/8"	19,6	0,35
1610	57	29161028	A	25	-	28	8	3,3	3/8"x5/8"	19,6	0,32
1610	57	29161030	A	25	-	30	8	3,3	3/8"x5/8"	19,6	0,30
1610	57	29161032	A	25	-	32	10	3,3	3/8"x5/8"	19,6	0,29
1610	57	29161035	A	25	-	35	10	3,3	3/8"x5/8"	19,6	0,26
1610	57	29161038	A	25	-	38	10	3,3	3/8"x5/8"	19,6	0,23
1610	57	29161040	A	25	-	40	12	3,3	3/8"x5/8"	19,6	0,21
1610	57	29161042	A	25	-	42	12	2,2	3/8"x5/8"	19,6	0,19
1615	57	29161500	A	38	12	-	-	-	3/8"x5/8"	19,6	0,58
1615	57	29161512	A	38	-	12	4	1,8	3/8"x5/8"	19,6	0,58
1615	57	29161514	A	38	-	14	5	2,3	3/8"x5/8"	19,6	0,58
1615	57	29161516	A	38	-	16	5	2,3	3/8"x5/8"	19,6	0,58
1615	57	29161518	A	38	-	18	6	2,8	3/8"x5/8"	19,6	0,56
1615	57	29161519	A	38	-	19	6	2,8	3/8"x5/8"	19,6	0,55
1615	57	29161520	A	38	-	20	6	2,8	3/8"x5/8"	19,6	0,55
1615	57	29161522	A	38	-	22	6	2,8	3/8"x5/8"	19,6	0,53
1615	57	29161524	A	38	-	24	8	3,3	3/8"x5/8"	19,6	0,50
1615	57	29161525	A	38	-	25	8	3,3	3/8"x5/8"	19,6	0,49
1615	57	29161528	A	38	-	28	8	3,3	3/8"x5/8"	19,6	0,47
1615	57	29161530	A	38	-	30	8	3,3	3/8"x5/8"	19,6	0,45
1615	57	29161532	A	38	-	32	10	3,3	3/8"x5/8"	19,6	0,41
1615	57	29161535	A	38	-	35	10	3,3	3/8"x5/8"	19,6	0,38
1615	57	29161538	A	38	-	38	10	3,3	3/8"x5/8"	19,6	0,32
1615	57	29161540	A	38	-	40	12	3,3	3/8"x5/8"	19,6	0,29
1615	57	29161542	A	38	-	42	12	2,2	3/8"x5/8"	19,6	0,29



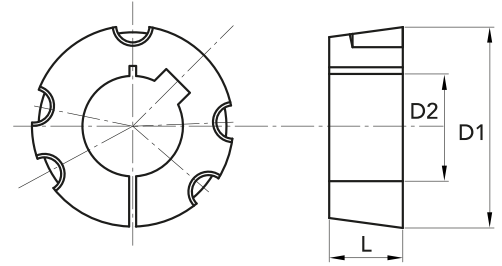
METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A



EXECUTION B

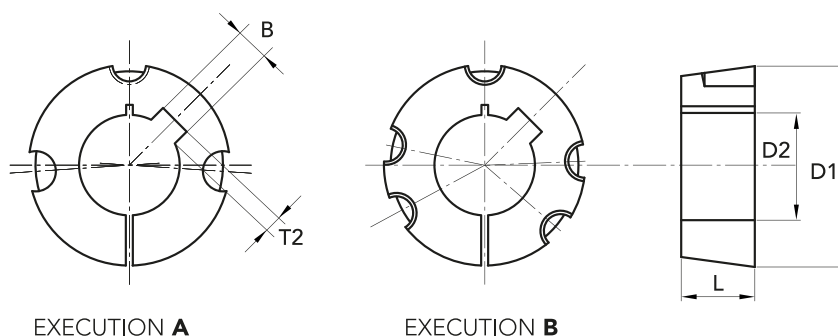
TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
2012	70	29201200	A	32	16	-	-	-	7/16"x7/8"	30,4	0,76
2012	70	29201212	A	32	-	12	4	1,8	7/16"x7/8"	30,4	0,76
2012	70	29201216	A	32	-	16	5	2,3	7/16"x7/8"	30,4	0,76
2012	70	29201218	A	32	-	18	6	2,8	7/16"x7/8"	30,4	0,76
2012	70	29201219	A	32	-	19	6	2,8	7/16"x7/8"	30,4	0,76
2012	70	29201220	A	32	-	20	6	2,8	7/16"x7/8"	30,4	0,75
2012	70	29201222	A	32	-	22	6	2,8	7/16"x7/8"	30,4	0,73
2012	70	29201224	A	32	-	24	8	3,3	7/16"x7/8"	30,4	0,72
2012	70	29201225	A	32	-	25	8	3,3	7/16"x7/8"	30,4	0,71
2012	70	29201228	A	32	-	28	8	3,3	7/16"x7/8"	30,4	0,68
2012	70	29201230	A	32	-	30	8	3,3	7/16"x7/8"	30,4	0,66
2012	70	29201232	A	32	-	32	10	3,3	7/16"x7/8"	30,4	0,64
2012	70	29201233	A	32	-	33	10	3,3	7/16"x7/8"	30,4	0,64
2012	70	29201235	A	32	-	35	10	3,3	7/16"x7/8"	30,4	0,60
2012	70	29201238	A	32	-	38	10	3,3	7/16"x7/8"	30,4	0,57
2012	70	29201240	A	32	-	40	12	3,3	7/16"x7/8"	30,4	0,54
2012	70	29201242	A	32	-	42	12	3,3	7/16"x7/8"	30,4	0,51
2012	70	29201245	A	32	-	45	14	3,8	7/16"x7/8"	30,4	0,46
2012	70	29201248	A	32	-	48	14	3,8	7/16"x7/8"	30,4	0,40
2012	70	29201250	A	32	-	50	14	3,8	7/16"x7/8"	30,4	0,37
2517	85,5	29251700	A	45	15	-	-	-	1/2"x1"	48	1,62
2517	85,5	29251715	A	45	-	15	5	2,3	1/2"x1"	48	1,62
2517	85,5	29251718	A	45	-	18	6	2,8	1/2"x1"	48	1,62
2517	85,5	29251719	A	45	-	19	6	2,8	1/2"x1"	48	1,62
2517	85,5	29251720	A	45	-	20	6	2,8	1/2"x1"	48	1,60
2517	85,5	29251722	A	45	-	22	6	2,8	1/2"x1"	48	1,57
2517	85,5	29251724	A	45	-	24	8	3,3	1/2"x1"	48	1,57
2517	85,5	29251725	A	45	-	25	8	3,3	1/2"x1"	48	1,56
2517	85,5	29251728	A	45	-	28	8	3,3	1/2"x1"	48	1,52
2517	85,5	29251730	A	45	-	30	8	3,3	1/2"x1"	48	1,49
2517	85,5	29251732	A	45	-	32	10	3,3	1/2"x1"	48	1,45
2517	85,5	29251733	A	45	-	33	10	3,3	1/2"x1"	48	1,40
2517	85,5	29251735	A	45	-	35	10	3,3	1/2"x1"	48	1,40
2517	85,5	29251738	A	45	-	38	10	3,3	1/2"x1"	48	1,40
2517	85,5	29251740	A	45	-	40	12	3,3	1/2"x1"	48	1,35
2517	85,5	29251742	A	45	-	42	12	3,3	1/2"x1"	48	1,27
2517	85,5	29251745	A	45	-	45	14	3,8	1/2"x1"	48	1,20
2517	85,5	29251748	A	45	-	48	14	3,8	1/2"x1"	48	1,13
2517	85,5	29251750	A	45	-	50	14	3,8	1/2"x1"	48	1,08
2517	85,5	29251755	A	45	-	55	16	4,3	1/2"x1"	48	0,96
2517	85,5	29251760	A	45	-	60	18	4,4	1/2"x1"	48	0,81
2517	85,5	29251765	A	45	-	65	18	3,4	1/2"x1"	48	0,65



METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

EXECUTION B

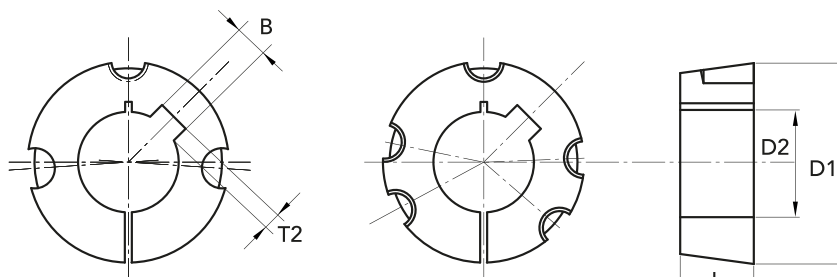
TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
3020	108	29302000	A	51	20	-	-	-	5/8"x1" 1/4	90	2,79
3020	108	29302020	A	51	-	20	6	2,8	5/8"x1" 1/4	90	2,79
3020	108	29302028	A	51	-	28	8	3,3	5/8"x1" 1/4	90	2,79
3020	108	29302030	A	51	-	30	8	3,3	5/8"x1" 1/4	90	2,84
3020	108	29302032	A	51	-	32	10	3,3	5/8"x1" 1/4	90	2,80
3020	108	29302035	A	51	-	35	10	3,3	5/8"x1" 1/4	90	2,75
3020	108	29302038	A	51	-	38	10	3,3	5/8"x1" 1/4	90	2,67
3020	108	29302040	A	51	-	40	12	3,3	5/8"x1" 1/4	90	2,64
3020	108	29302042	A	51	-	42	12	3,3	5/8"x1" 1/4	90	2,59
3020	108	29302045	A	51	-	45	14	3,8	5/8"x1" 1/4	90	2,52
3020	108	29302048	A	51	-	48	14	3,8	5/8"x1" 1/4	90	2,43
3020	108	29302050	A	51	-	50	14	3,8	5/8"x1" 1/4	90	2,37
3020	108	29302055	A	51	-	55	16	4,3	5/8"x1" 1/4	90	2,23
3020	108	29302060	A	51	-	60	18	4,4	5/8"x1" 1/4	90	2,07
3020	108	29302065	A	51	-	65	18	4,4	5/8"x1" 1/4	90	1,89
3020	108	29302070	A	51	-	70	20	4,9	5/8"x1" 1/4	90	1,69
3020	108	29302075	A	51	-	75	20	4,9	5/8"x1" 1/4	90	1,49
3030	108	29303000	A	76	30	-	-	-	5/8"x1" 1/4	90	3,95
3030	108	29303030	A	76	-	30	8	3,3	5/8"x1" 1/4	90	3,95
3030	108	29303035	A	76	-	35	10	3,3	5/8"x1" 1/4	90	3,95
3030	108	29303038	A	76	-	38	10	3,3	5/8"x1" 1/4	90	3,86
3030	108	29303040	A	76	-	40	12	3,3	5/8"x1" 1/4	90	3,80
3030	108	29303042	A	76	-	42	12	3,3	5/8"x1" 1/4	90	3,69
3030	108	29303045	A	76	-	45	14	3,8	5/8"x1" 1/4	90	3,55
3030	108	29303048	A	76	-	48	14	3,8	5/8"x1" 1/4	90	3,45
3030	108	29303050	A	76	-	50	14	3,8	5/8"x1" 1/4	90	3,42
3030	108	29303055	A	76	-	55	16	4,3	5/8"x1" 1/4	90	3,18
3030	108	29303060	A	76	-	60	18	4,4	5/8"x1" 1/4	90	2,95
3030	108	29303065	A	76	-	65	18	4,4	5/8"x1" 1/4	90	2,68
3030	108	29303070	A	76	-	70	20	4,9	5/8"x1" 1/4	90	2,38
3030	108	29303075	A	76	-	75	20	4,9	5/8"x1" 1/4	90	2,03



METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

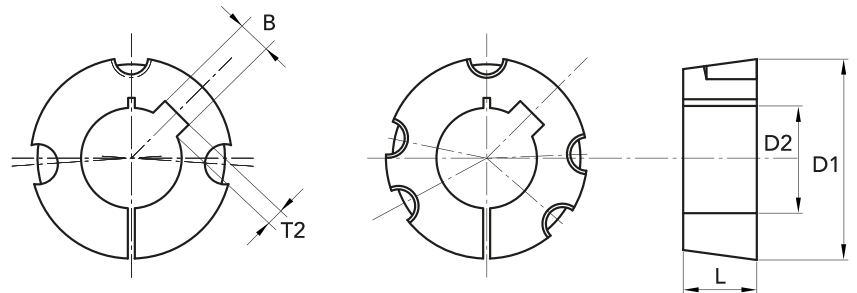
EXECUTION B

TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
3525	127	29352500	B	65	30	-	-	-	1/2"x1" 1/2	113	4,85
3525	127	29352538	B	65	-	38	10	3,3	1/2"x1" 1/2	113	4,85
3525	127	29352540	B	65	-	40	12	3,3	1/2"x1" 1/2	113	4,80
3525	127	29352542	B	65	-	42	12	3,3	1/2"x1" 1/2	113	4,71
3525	127	29352545	B	65	-	45	14	3,8	1/2"x1" 1/2	113	4,67
3525	127	29352548	B	65	-	48	14	3,8	1/2"x1" 1/2	113	4,55
3525	127	29352550	B	65	-	50	14	3,8	1/2"x1" 1/2	113	4,44
3525	127	29352555	B	65	-	55	16	4,3	1/2"x1" 1/2	113	4,29
3525	127	29352560	B	65	-	60	18	4,4	1/2"x1" 1/2	113	4,05
3525	127	29352565	B	65	-	65	18	4,4	1/2"x1" 1/2	113	3,88
3525	127	29352570	B	65	-	70	20	4,9	1/2"x1" 1/2	113	3,58
3525	127	29352575	B	65	-	75	20	4,9	1/2"x1" 1/2	113	3,37
3525	127	29352580	B	65	-	80	22	5,4	1/2"x1" 1/2	113	3,05
3525	127	29352585	B	65	-	85	22	5,4	1/2"x1" 1/2	113	3,05
3525	127	29352590	B	65	-	90	25	5,4	1/2"x1" 1/2	113	3,05
3525	127	29352595	B	65	-	95	25	5,4	1/2"x1" 1/2	113	3,00
3535	127	29353500	B	89	30	-	-	-	1/2"x1" 1/2	113	6,48
3535	127	29353530	B	89	-	30	8	3,3	1/2"x1" 1/2	113	6,48
3535	127	29353535	B	89	-	35	10	3,3	1/2"x1" 1/2	113	6,40
3535	127	29353538	B	89	-	38	10	3,3	1/2"x1" 1/2	113	6,40
3535	127	29353540	B	89	-	40	12	3,3	1/2"x1" 1/2	113	6,48
3535	127	29353542	B	89	-	42	12	3,3	1/2"x1" 1/2	113	6,40
3535	127	29353545	B	89	-	45	14	3,8	1/2"x1" 1/2	113	6,25
3535	127	29353548	B	89	-	48	14	3,8	1/2"x1" 1/2	113	6,17
3535	127	29353550	B	89	-	50	14	3,8	1/2"x1" 1/2	113	6,05
3535	127	29353555	B	89	-	55	16	4,3	1/2"x1" 1/2	113	5,81
3535	127	29353560	B	89	-	60	18	4,4	1/2"x1" 1/2	113	5,50
3535	127	29353565	B	89	-	65	18	4,4	1/2"x1" 1/2	113	5,20
3535	127	29353570	B	89	-	70	20	4,9	1/2"x1" 1/2	113	4,88
3535	127	29353575	B	89	-	75	20	4,9	1/2"x1" 1/2	113	4,46
3535	127	29353580	B	89	-	80	22	5,4	1/2"x1" 1/2	113	4,08
3535	127	29353585	B	89	-	85	22	5,4	1/2"x1" 1/2	113	3,67
3535	127	29353590	B	89	-	90	25	5,4	1/2"x1" 1/2	113	3,21

METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

EXECUTION B

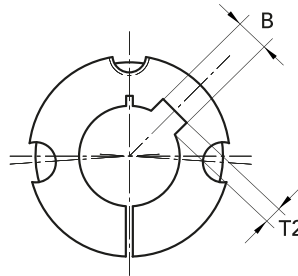
TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW	tightening torque	Kg.
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth	N/m	
4030	146	29403000	B	76	30	-	-	-	5/8"x1" 3/4	169	6,65
4030	146	29403040	B	76	-	40	12	3,3	5/8"x1" 3/4	169	6,75
4030	146	29403042	B	76	-	42	12	3,3	5/8"x1" 3/4	169	6,65
4030	146	29403045	B	76	-	45	14	3,8	5/8"x1" 3/4	169	6,58
4030	146	29403048	B	76	-	48	14	3,8	5/8"x1" 3/4	169	6,55
4030	146	29403050	B	76	-	50	14	3,8	5/8"x1" 3/4	169	6,40
4030	146	29403055	B	76	-	55	16	4,3	5/8"x1" 3/4	169	6,40
4030	146	29403060	B	76	-	60	18	4,4	5/8"x1" 3/4	169	6,35
4030	146	29403065	B	76	-	65	18	4,4	5/8"x1" 3/4	169	6,35
4030	146	29403070	B	76	-	70	20	4,9	5/8"x1" 3/4	169	6,30
4030	146	29403075	B	76	-	75	20	4,9	5/8"x1" 3/4	169	6,30
4030	146	29403080	B	76	-	80	22	5,4	5/8"x1" 3/4	169	6,10
4030	146	29403085	B	76	-	85	22	5,4	5/8"x1" 3/4	169	6,10
4030	146	29403090	B	76	-	90	25	5,4	5/8"x1" 3/4	169	5,90
4040	146	29404000	B	102	35	-	-	-	5/8"x 1" 3/4	169	9,48
4040	146	29404035	B	102	-	35	10	3,3	5/8"x 1" 3/4	169	9,48
4040	146	29404040	B	102	-	40	12	3,3	5/8"x 1" 3/4	169	9,48
4040	146	29404042	B	102	-	42	12	3,3	5/8"x 1" 3/4	169	9,48
4040	146	29404048	B	102	-	48	14	3,8	5/8"x 1" 3/4	169	9,48
4040	146	29404050	B	102	-	50	14	3,8	5/8"x 1" 3/4	169	9,48
4040	146	29404055	B	102	-	55	16	4,3	5/8"x 1" 3/4	169	9,27
4040	146	29404060	B	102	-	60	18	4,4	5/8"x 1" 3/4	169	8,93
4040	146	29404065	B	102	-	65	18	4,4	5/8"x 1" 3/4	169	8,65
4040	146	29404070	B	102	-	70	20	4,9	5/8"x 1" 3/4	169	8,17
4040	146	29404075	B	102	-	75	20	4,9	5/8"x 1" 3/4	169	7,78
4040	146	29404080	B	102	-	80	22	5,4	5/8"x 1" 3/4	169	7,35
4040	146	29404085	B	102	-	85	22	5,4	5/8"x 1" 3/4	169	6,89
4040	146	29404090	B	102	-	90	25	5,4	5/8"x 1" 3/4	169	6,36
4040	146	29404095	B	102	-	95	25	5,4	5/8"x 1" 3/4	169	5,94
4040	146	29404099	B	102	-	100	28	6,4	5/8"x 1" 3/4	169	5,27
4535	162	29453500	B	89	35	-	-	-	3/4"x2"	192	10,70
4535	162	29453535	B	89	-	35	10	3,3	3/4"x2"	192	10,70
4535	162	29453565	B	89	-	65	18	4,4	3/4"x2"	192	10,50
4535	162	29453570	B	89	-	70	20	4,9	3/4"x2"	192	10,20
4535	162	29453575	B	89	-	75	20	4,9	3/4"x2"	192	9,95
4535	162	29453580	B	89	-	80	22	5,4	3/4"x2"	192	9,95
4535	162	29453585	B	89	-	85	22	5,4	3/4"x2"	192	9,90
4535	162	29453590	B	89	-	90	25	5,4	3/4"x2"	192	9,80
4535	162	29453595	B	89	-	95	25	5,4	3/4"x2"	192	9,75
4535	162	29453599	B	89	-	100	28	6,4	3/4"x2"	192	9,65



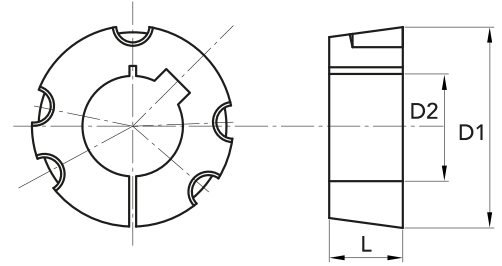
METRIC SERIES

Bore tolerance **G7**
Keyway in compliance with **DIN 6885-JS9**

MATERIAL
CAST IRON G20/25 EN 1561



EXECUTION A

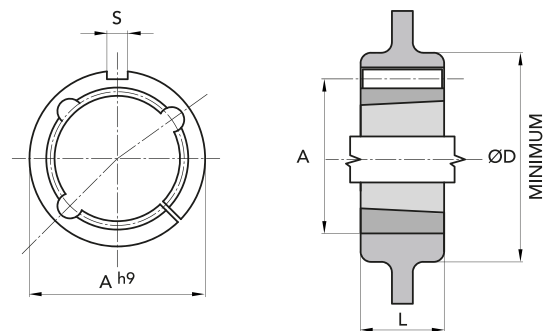


EXECUTION B

TYPE	Ø D1	CODE	execution	L	Ø D2 H8	Ø D2 with bore ISO G7	B	T2	GRUBSCREW		tightening torque	Kg.		
					only prebore	keyway DIN 6885-JS9	keyway width	keyway depth	British Standard Whitworth		N/m			
4545	162	29454500	B	115	35	-	-	-	3/4"x2"		192	13,15		
4545	162	29454535	B	115	-	35	10	3,3	3/4"x2"		192	13,15		
4545	162	29454555	B	115	-	55	16	4,3	3/4"x2"		192	13,15		
4545	162	29454560	B	115	-	60	18	4,4	3/4"x2"		192	12,76		
4545	162	29454565	B	115	-	65	18	4,4	3/4"x2"		192	12,38		
4545	162	29454570	B	115	-	70	20	4,9	3/4"x2"		192	12,02		
4545	162	29454575	B	115	-	75	20	4,9	3/4"x2"		192	11,57		
4545	162	29454580	B	115	-	80	22	5,4	3/4"x2"		192	11,05		
4545	162	29454585	B	115	-	85	22	5,4	3/4"x2"		192	10,46		
4545	162	29454590	B	115	-	90	25	5,4	3/4"x2"		192	9,99		
4545	162	29454595	B	115	-	95	25	5,4	3/4"x2"		192	9,42		
4545	162	29454599	B	115	-	100	28	6,4	3/4"x2"		192	8,63		
4545	162	29454610	B	115	-	110	28	6,4	3/4"x2"		192	7,37		
5040	177,6	29504040	B	102	40	-	-	-	7/8"x2" 1/4		272	12,20		
5040	177,6	29504070	B	102	-	70	20	4,9	7/8"x2" 1/4		272	11,90		
5040	177,6	29504075	B	102	-	75	20	4,9	7/8"x2" 1/4		272	11,90		
5040	177,6	29504080	B	102	-	80	22	5,4	7/8"x2" 1/4		272	11,30		
5040	177,6	29504085	B	102	-	85	22	5,4	7/8"x2" 1/4		272	11,30		
5040	177,6	29504090	B	102	-	90	25	5,4	7/8"x2" 1/4		272	10,60		
5040	177,6	29504099	B	102	-	100	28	6,4	7/8"x2" 1/4		272	10,60		
5040	177,6	29504110	B	102	-	110	28	6,4	7/8"x2" 1/4		272	10,00		
5040	177,6	29504120	B	102	-	120	32	7,4	7/8"x2" 1/4		272	9,70		
5040	177,6	29504125	B	102	-	125	32	7,4	7/8"x2" 1/4		272	9,70		
5050	177,6	29505000	B	127	50	-	-	-	7/8"x2" 1/4		272	16,70		
5050	177,6	29505050	B	127	-	50	14	3,8	7/8"x2" 1/4		272	16,70		
5050	177,6	29505060	B	127	-	60	18	4,4	7/8"x2" 1/4		272	17,00		
5050	177,6	29505065	B	127	-	65	18	4,4	7/8"x2" 1/4		272	16,70		
5050	177,6	29505070	B	127	-	70	20	4,9	7/8"x2" 1/4		272	16,70		
5050	177,6	29505075	B	127	-	75	20	4,9	7/8"x2" 1/4		272	16,05		
5050	177,6	29505080	B	127	-	80	22	5,4	7/8"x2" 1/4		272	15,56		
5050	177,6	29505085	B	127	-	85	22	5,4	7/8"x2" 1/4		272	15,00		
5050	177,6	29505090	B	127	-	90	25	5,4	7/8"x2" 1/4		272	14,43		
5050	177,6	29505095	B	127	-	95	25	5,4	7/8"x2" 1/4		272	13,88		
5050	177,6	29505099	B	127	-	100	28	6,4	7/8"x2" 1/4		272	13,05		
5050	177,6	29505110	B	127	-	110	28	6,4	7/8"x2" 1/4		272	11,56		
5050	177,6	29505115	B	127	-	115	32	7,4	7/8"x2" 1/4		272	15,17		
5050	177,6	29505120	B	127	-	120	32	7,4	7/8"x2" 1/4		272	9,78		
5050	177,6	29505125	B	127	-	125	32	7,4	7/8"x2" 1/4		272	9,05		



MATERIAL
CAST IRON G20/25 EN 1561



TYPE ADAPTORS	CODE	N. TAPER BUSHE	L	A ^{h9}	Ø D FOR HUBS of PULLEYS and SPROCKETS		"b x h DIN 6885"	t1	Kg
					CAST IRON	STEEL			
ARC 1008	29901008	1008	22	45	75	60	5 x 5	3	0,45
ARC 1210	29901210	1210	25	60	105	85	6 x 6	3,5	0,70
ARC 1610	29901610	1610	25	70	115	95	10 x 8	5	0,80
ARC 1615	29901615	1615	38	70	115	95	10 x 8	5	0,90
ARC 2517	29902517	2517	45	105	150	130	16 x 10	6	2,20
ARC 3030	29903030	3030	76	130	190	160	20 x 12	7,5	5,80
ARC 3535	29903535	3535	90	160	240	200	* 22 x 12	7,5	11,30
ARC 4040	29904040	4040	102	185	290	240	* 24 x 12	7,5	17,30

* They differ from the Norma DIN 6885

Clamping elements RCK[®]

LEGEND

PITCH = *PASSO*

Index

344	BRAND RCK® 11 SERIES
345	BRAND RCK® 13 SERIES
346	BRAND RCK® 15 SERIES
347	BRAND RCK® 16 SERIES
348	BRAND RCK® 19 SERIES
349	BRAND RCK® 40 SERIES
350	BRAND RCK® 45 SERIES
351	BRAND RCK® 50 SERIES
352	BRAND RCK® 55 SERIES
353	BRAND RCK® 60 SERIES
354	BRAND RCK® 61 SERIES
355	BRAND RCK® 70 SERIES
356	BRAND RCK® 71 SERIES
357	BRAND RCK® 80 SERIES
358	BRAND RCK® 95 SERIES



Shaft clamping elements

The clamping system connects one or two components parts solidly to the drive shaft, which allows motion to be transmitted or to withstand an axial thrust.

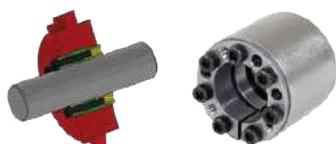
Friction connection enables gaps to be eliminated, thereby ensuring greater precision of the keyed components without requiring strict processing tolerances.

The thrust cones develop a pressure between the shaft and the hub, which enables pulleys, gears, chain sprockets, drums, flywheels, etc. to be anchored safely.

The easy assembly and disassembly features give users many advantages, leading to a further cost saving.

Chiaravalli Group S.p.A. provides its customers with different types of clamping elements, which are designed to cover a broad range of applications.





SELF CENTRING RCK 11 TYPE

Suitable for assemblies where special, even heavy-duty conditions are required, achieving maximum friction clamping results. It incorporates the best features of all the models which have been presented. It operates with very high torque values.



SELF CENTRING RCK 50 TYPE

Comprising two tapered rings, must always be mounted with a tightening flange. It operates with low torque values; it isn't self centring.



SELF CENTRING RCK 13 TYPE

Suitable for assemblies where good concentricity is required in small spaces with medium-high torque values. It can substitute RCK 40 in some cases.



SELF CENTRING RCK 55 TYPE

Suitable for assemblies where limited overall dimensions and times are required. It operates with medium-low torque values.



SELF CENTRING RCK 15 TYPE

Suitable for assemblies where axial and radial positioning accuracy is required with medium-high torque values. The main feature is the possibility of varying the internal bores while maintaining the external dimensions constant at only three diameters.



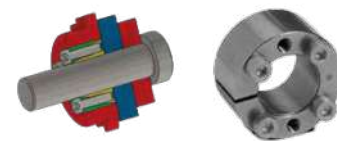
SELF CENTRING RCK 60 TYPE

Suitable for assemblies where a medium-high twisting moment is required. It operates in the opposite mode to RCK 13.



SELF CENTRING RCK 16 TYPE

Suitable for assemblies where concentricity and positioning accuracy is required. It operates with medium-high torque values.



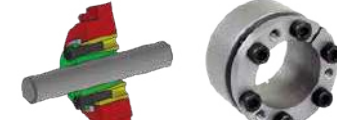
SELF CENTRING RCK 61 TYPE

Enables adjacent components to be clamped to the hub thanks to an axial force achieved during the clamping phase. It operates with medium torque values.



SELF CENTRING RCK 19 TYPE

Suitable for assemblies where concentricity and positioning accuracy is required. It operates with medium-high torque values.



SELF CENTRING RCK 70-71 TYPE

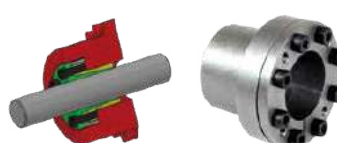
(RCK 71 eventually with spacer)

The RCK version is suitable for assemblies where concentricity and orthogonal positioning of the parts is required. The RCK 71 version has the same features as RCK 70 with the addition of a spacer ring to completely avoid possible axial displacements. These components operate with medium-high torque values.



SELF CENTRING RCK 40 TYPE

Suitable for general applications, it is not self centring and therefore requires a centring band to ensure perfect concentricity. It operates with medium-high torque values.



SELF CENTRING RCK 80 TYPE

Suitable for assemblies on hubs with thin walls guarantees both axial and radial positioning precision with medium transmission torque values.



SELF CENTRING RCK 45 TYPE

Suitable for applications where medium-low twisting moments are required with easy rapid assembly and disassembly operation. Not self centring.



SELF CENTRING RCK 90 TYPE

Enables rigid connection between two aligned shafts. It transmits medium-high twisting moments with the advantage of enabling rapid assembly and disassembly.



RCK 11 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

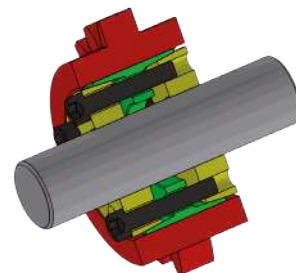
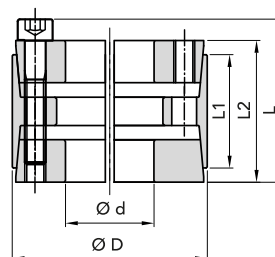
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having ød 45 with torque value less or equal to 3.200 Nm:

RCK 11 - 45 x 75

Part Number 06110045



	Dimensions					Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06110025	25	55	32	40	46	840	295	134	6	M6x35	17	M6	3	0,50
06110028	28	55	32	40	46	940	264	134	6	M6x35	17	M6	3	0,60
06110030	30	55	32	40	46	1000	246	134	6	M6x35	17	M6	3	0,60
06110035	35	60	44	54	60	1360	174	101	7	M6x45	17	M6	3	0,70
06110038	38	75	44	54	62	2740	296	150	7	M8x50	41	M8	3	0,70
06110040	40	75	44	54	62	2880	281	150	7	M8x50	41	M8	3	0,70
06110042	42	75	44	54	62	3030	268	150	7	M8x50	41	M8	3	1,00
06110045	45	75	44	54	62	3240	250	150	7	M8x50	41	M8	3	0,90
06110048	48	80	56	64	72	3950	207	124	8	M8x50	41	M8	3	1,40
06110050	50	80	56	64	72	4150	200	98	8	M8x50	41	M8	3	1,30
06110055	55	85	56	64	72	5150	205	104	9	M8x50	41	M8	3	1,50
06110060	60	90	56	64	72	6200	202	106	10	M8x50	41	M8	4	1,60
06110065	65	95	56	64	72	6750	187	100	10	M8x50	41	M8	4	1,80
06110070	70	110	70	78	88	11500	223	114	10	M10x60	83	M10	4	3,00
06110075	75	115	70	78	88	12300	223	114	10	M10x60	83	M10	4	3,30
06110080	80	120	70	78	88	14500	215	115	11	M10x60	83	M10	4	3,50
06110085	85	125	70	78	88	15400	215	115	12	M10x60	83	M10	5	3,70
06110090	90	130	70	78	88	17800	208	115	12	M10x60	83	M10	5	3,55
06110095	95	135	70	78	88	18700	208	115	12	M10x60	83	M10	5	3,75
06110100	100	145	90	100	112	26300	200	107	11	M12x80	145	M12	4	5,80
06110110	110	155	90	100	112	31800	198	110	12	M12x80	145	M12	5	6,25
06110120	120	165	90	100	112	40400	212	120	14	M12x80	145	M12	5	6,65
06110130	130	180	104	116	130	51500	192	112	12	M14x90	230	M14	5	9,30
06110140	140	190	104	116	130	64700	208	124	14	M14x90	230	M14	7	9,75
06110150	150	200	104	116	130	74200	208	127	15	M14x90	230	M14	6	10,35
06110160	160	210	104	116	130	84500	208	128	16	M14x90	230	M14	7	10,95
06110170	170	225	134	148	164	108200	182	113	14	M16x110	355	M16	6	16,20
06110180	180	235	134	148	164	123250	184	115	15	M16x110	355	M16	7	16,90
06110190	190	250	134	148	164	133800	186	116	16	M16x110	355	M16	7	19,85
06110200	200	260	134	148	164	146000	177	112	16	M16x110	355	M16	7	22,00
06110220	220	285	134	148	164	181000	188	115	18	M16x110	355	M16	8	25,00
06110240	240	305	134	148	164	218000	184	119	20	M16x110	355	M16	9	27,00
06110260	260	325	134	148	164	250000	178	117	21	M16x110	355	M16	10	30,00
06110280	280	355	165	177	197	360000	185	117	18	M20x130	690	M20	8	46,00
06110300	300	375	165	177	197	428000	192	123	20	M20x130	690	M20	9	50,00

RCK 13 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

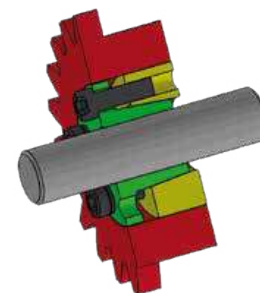
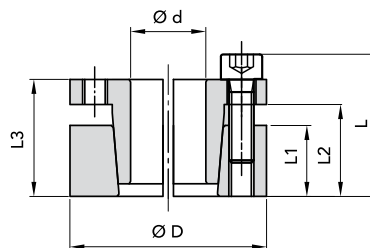
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having ød 30 with a torque value less than or equal 660 Nm:

RCK 13 - 30 x 55

Part Number 06130030



	Dimensions						Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06130018	18	47	17	22	28	34	310	314	120	5	M6x20	14	M6	3	0,15
06130019	19	47	17	22	28	34	330	300	120	5	M6x20	14	M6	3	0,15
06130020	20	47	17	22	28	34	380	295	125	5	M6x20	14	M6	3	0,15
06130022	22	47	17	22	28	34	410	270	125	5	M6x20	14	M6	3	0,30
06130024	24	50	17	22	28	34	440	243	120	6	M6x20	14	M6	3	0,30
06130025	25	50	17	22	28	34	560	285	140	6	M6x20	14	M6	3	0,30
06130028	28	55	17	22	28	34	630	255	130	6	M6x20	14	M6	3	0,35
06130030	30	55	17	22	28	34	660	235	130	6	M6x20	14	M6	3	0,35
06130032	32	60	17	22	28	34	960	295	155	8	M6x20	14	M6	4	0,40
06130035	35	60	17	22	28	34	1050	270	155	8	M6x20	14	M6	4	0,40
06130038	38	65	17	22	28	34	1140	250	145	8	M6x20	14	M6	4	0,40
06130040	40	65	17	22	28	34	1200	235	145	8	M6x20	14	M6	4	0,40
06130045	45	75	20	25	33	41	2180	290	170	7	M8x25	35	M8	3	0,60
06130050	50	80	20	25	33	41	2430	260	160	7	M8x25	35	M8	3	0,80
06130055	55	85	20	25	33	41	3070	270	175	8	M8x25	35	M8	4	0,80
06130060	60	90	20	25	33	41	3350	245	165	8	M8x25	35	M8	4	0,80
06130065	65	95	20	25	33	41	4080	255	175	9	M8x25	35	M8	3	0,90
06130070	70	110	24	30	40	50	6280	280	180	8	M10x30	70	M10	4	1,59
06130075	75	115	24	30	40	50	6680	260	170	8	M10x30	70	M10	4	1,80
06130080	80	120	24	30	40	50	7130	250	160	8	M10x30	70	M10	4	1,80
06130085	85	125	24	30	40	50	8480	260	180	9	M10x30	70	M10	3	2,00
06130090	90	130	24	30	40	50	9080	250	170	9	M10x30	70	M10	3	2,10
06130095	95	135	24	30	40	50	10580	260	180	10	M10x30	70	M10	4	2,10
06130100	100	145	26	32	44	56	13380	270	190	8	M12x35	125	M12	4	2,80
06130110	110	155	26	32	44	56	14580	240	180	8	M12x35	125	M12	4	3,00
06130120	120	165	26	32	44	56	17880	250	180	9	M12x35	125	M12	4	3,20
06130130	130	180	34	40	52	64	26000	240	170	12	M12x35	125	M12	6	4,80
06130140	140	190	34	40	54	68	26980	210	150	9	M14x40	190	M14	4	5,20
06130150	150	200	34	40	54	68	32980	230	170	10	M14x40	190	M14	5	5,40
06130160	160	210	34	40	54	68	37980	230	170	11	M14x40	190	M14	4	5,70
06130170	170	225	44	50	64	78	44980	180	130	12	M14x40	190	M14	6	8,00
06130180	180	235	44	50	64	78	46980	170	130	12	M14x40	190	M14	6	0,30



RCK 15 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

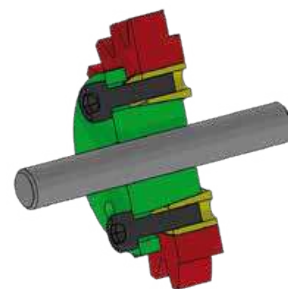
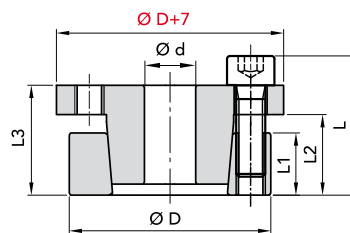
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having ød 40 with a torque value less than or equal 1030 Nm:

RCK 15 - 40 x 65

Part Number 06151040



	Dimensions							Max Torque	Clamping pressure		Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Shaft N/mm ²	Hub N/mm ²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06150014	14	55	17	22	31	39	290	458	118	4	M8x25	41	M8	2	0,50
06150016	16	55	17	22	31	39	320	400	118	4	M8x25	41	M8	2	0,50
06150018	18	55	17	22	31	39	360	356	118	4	M8x25	41	M8	2	0,50
06150019	19	55	17	22	31	39	380	337	118	4	M8x25	41	M8	2	0,50
06150020	20	55	17	22	31	39	400	320	118	4	M8x25	41	M8	2	0,50
06150022	22	55	17	22	31	39	440	290	118	4	M8x25	41	M8	2	0,50
06150024	24	55	17	22	31	39	480	265	118	4	M8x25	41	M8	2	0,50
06150025	25	55	17	22	31	39	500	255	118	4	M8x25	41	M8	2	0,50
06150028	28	55	17	22	31	39	560	228	118	4	M8x25	41	M8	2	0,40
06150030	30	55	17	22	31	39	600	213	118	4	M8x25	41	M8	2	0,40
06151024	24	65	17	22	31	39	620	332	122	5	M8x25	41	M8	3	0,70
06151025	25	65	17	22	31	39	640	320	122	5	M8x25	41	M8	3	0,70
06151028	28	65	17	22	31	39	720	285	122	5	M8x25	41	M8	3	0,60
06151030	30	65	17	22	31	39	770	267	122	5	M8x25	41	M8	3	0,60
06151032	32	65	17	22	31	39	820	250	122	5	M8x25	41	M8	3	0,60
06151033	33	65	17	22	31	39	850	235	122	5	M8x25	41	M8	3	0,60
06151035	35	65	17	22	31	39	900	228	122	5	M8x25	41	M8	3	0,50
06151038	38	65	17	22	31	39	980	210	122	5	M8x25	41	M8	3	0,50
06151040	40	65	17	22	31	39	1030	200	122	5	M8x25	41	M8	3	0,50
06152030	30	80	20	25	33	41	1080	315	120	7	M8x25	41	M8	3	1,00
06152032	32	80	20	25	33	41	1150	298	120	7	M8x25	41	M8	3	1,00
06152033	33	80	20	25	33	41	1200	282	120	7	M8x25	41	M8	3	1,00
06152035	35	80	20	25	33	41	1260	272	120	7	M8x25	41	M8	3	1,00
06152038	38	80	20	25	33	41	1370	250	120	7	M8x25	41	M8	3	1,00
06152040	40	80	20	25	33	41	1440	238	120	7	M8x25	41	M8	3	0,90
06152042	42	80	20	25	33	41	1510	226	120	7	M8x25	41	M8	3	0,90
06152045	45	80	20	25	33	41	1620	212	120	7	M8x25	41	M8	3	0,80
06152048	48	80	20	25	33	41	1730	198	120	7	M8x25	41	M8	3	0,80
06152050	50	80	20	25	33	41	1800	190	120	7	M8x25	41	M8	3	0,80
06153040	40	80	20	25	33	41	2150	340	169	10	M8x25	41	M8	4	0,95
06153045	45	80	20	25	33	41	2420	302	169	10	M8x25	41	M8	4	0,85
06153050	50	80	20	25	33	41	2700	272	169	10	M8x25	41	M8	4	0,85

RCK 16 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

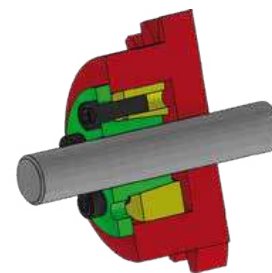
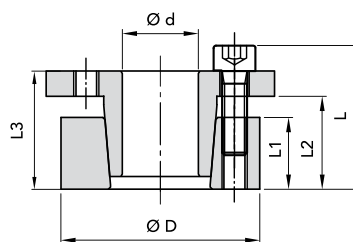
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having ød 75 with a torque value less than or equal 5000 Nm:

RCK 16 - 75 x 115

Part Number 06160075



	Dimensions						Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06160018	18	47	17	22	28	34	260	240	93	5	M6x20	17	M6	3	0,30
06160019	19	47	17	22	28	34	270	230	93	5	M6x20	17	M6	3	0,30
06160020	20	47	17	22	28	34	280	220	95	5	M6x20	17	M6	3	0,30
06160022	22	47	17	22	28	34	300	200	95	5	M6x20	17	M6	3	0,30
06160024	24	50	17	22	28	34	400	215	107	6	M6x20	17	M6	3	0,30
06160025	25	50	17	22	28	34	420	210	105	6	M6x20	17	M6	3	0,30
06160028	28	55	17	22	28	34	470	190	96	6	M6x20	17	M6	3	0,40
06160030	30	55	17	22	28	34	500	180	95	6	M6x20	17	M6	3	0,40
06160032	32	60	17	22	28	34	720	220	115	8	M6x20	17	M6	4	0,40
06160035	35	60	17	22	28	34	790	200	115	8	M6x20	17	M6	4	0,40
06160038	38	65	17	22	28	34	850	185	105	8	M6x20	17	M6	4	0,50
06160040	40	65	17	22	28	34	900	175	105	8	M6x20	17	M6	4	0,50
06160045	45	75	20	25	33	41	1620	215	125	7	M8x25	41	M8	3	0,70
06160050	50	80	20	25	33	41	1820	195	120	7	M8x25	41	M8	3	0,80
06160055	55	85	20	25	33	41	2300	200	130	8	M8x25	41	M8	4	0,90
06160060	60	90	20	25	33	41	2500	185	125	8	M8x25	41	M8	4	0,90
06160065	65	95	20	25	33	41	3050	190	130	9	M8x25	41	M8	3	1,00
06160070	70	110	24	30	40	50	4660	210	135	8	M10x30	83	M10	4	1,90
06160075	75	115	24	30	40	50	5000	195	125	8	M10x30	83	M10	4	2,00
06160080	80	120	24	30	40	50	5300	185	125	8	M10x30	83	M10	4	2,00
06160085	85	125	24	30	40	50	6350	195	135	9	M10x30	83	M10	3	2,00
06160090	90	130	24	30	40	50	6760	185	130	9	M10x30	83	M10	3	2,20
06160095	95	135	24	30	40	50	7900	195	135	10	M10x30	83	M10	4	2,30
06160100	100	145	26	32	44	56	9700	200	140	8	M12x35	145	M12	4	3,00
06160110	110	155	26	32	44	56	10600	180	130	8	M12x35	145	M12	4	3,20
06160120	120	165	26	32	44	56	13000	185	135	9	M12x35	145	M12	4	3,40
06160130	130	180	34	40	52	64	18900	175	125	12	M12x35	145	M12	6	5,20
06160140	140	190	34	40	54	68	20600	165	120	9	M14x40	230	M14	4	5,40
06160150	150	200	34	40	54	68	25100	175	130	10	M14x40	230	M14	5	5,70
06160160	160	210	34	40	54	68	29100	180	135	11	M14x40	230	M14	4	6,00
06160170	170	225	44	50	64	78	34100	140	105	12	M14x40	230	M14	6	8,30
06160180	180	235	44	50	64	78	36100	135	105	12	M14x40	230	M14	6	8,80



RCK 19 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ød h 8 DIAMETER

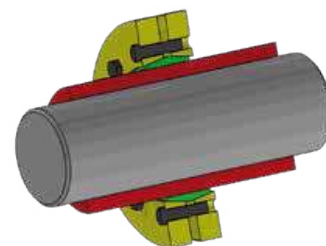
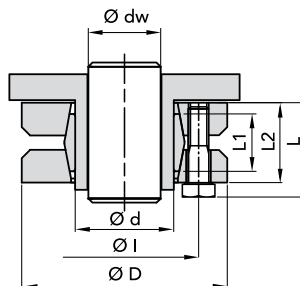
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 36 with a torque value less than or equal 440 Nm:

RCK 19 - 36 x 72

Part Number 06190036



IMPORTANT:

Intern tapers are lubricated with products based on molybdenum bisulphide

	Dimensions								Max Torque	Clamping pressure	Clamping screws DIN 912 MAT. 12.9			
CODE	Ød	ØD	Ødw	L1	L2	L	Øl	Ø dw. (dw-d1)	Mt Nm	Shaft N/mm ²	N.	TYPE	TORQUE Nm	Kg
06190024	24	50	19	14	19,5	23	36	0,017	170	286	6	M5x18	4	0,20
			20						210					
			21						250					
06190030	30	60	24	16	21,5	25	44	0,017	300	233	7	M5x18	4	0,30
			25						340					
			26						380					
06190036	36	72	28	18	23,5	27,5	52	0,032	440	307	5	M6x20	12	0,40
			30						570					
			31						630					
06190044	44	80	32	20	25,5	29,5	61	0,032	620	317	7	M6x20	12	0,60
			35						780					
			36						860					
06190050	50	90	38	22	27,5	31,5	70	0,032	940	289	8	M6x25	12	0,80
			40						1160					
			42						1380					
06190055	55	100	42	23	30,5	34,5	75	0,032	1160	252	8	M6x25	12	1,10
			45						1520					
			48						1880					
06190062	62	110	48	23	30,5	34,5	86	0,048	1850	279	10	M6x25	12	1,30
			50						2200					
			52						2400					
06190068	68	115	50	23	30,5	34,5	86	0,048	2000	255	10	M6x25	12	1,40
			55						2500					
			60						3150					
06190075	75	138	55	25	32,5	37,8	100	0,048	2500	273	7	M8x30	30	1,70
			60						3200					
			65						3950					
06190080	80	145	60	25	32,5	37,8	100	0,048	3200	256	7	M8x30	30	1,90
			65						3900					
			70						4600					
06190090	90	155	65	30	39	44,3	114	0,048	4750	271	10	M8x35	30	3,30
			70						6000					
			75						7250					
06190100	100	170	70	34	44	49,3	124	0,048	6900	258	12	M8x35	30	4,70
			75						7500					
			80						9000					
06190110	110	185	75	39	50	56,4	136	0,048	7200	244	9	M10x40	59	5,90
			80						9000					
			85						10800					
06190125	125	215	85	42	54	60,4	160	0,069	11000	266	12	M10x40	59	8,30
			90						13000					
			95						15000					
06190140	140	230	95	46	60,5	68	175	0,069	15100	264	10	M12x45	100	10,0
			100						17600					
			105						20100					
06190155	155	265	105	50	64,5	72	192	0,069	22000	263	12	M12x50	100	15,0
			110						25000					
			115						28000					
06190165	165	290	115	56	71	81	210	0,069	31000	277	8	M16x55	250	22,0
			120						35000					
			125						39000					
06190175	175	300	125	56	71	81	220	0,079	36000	261	8	M16x55	250	22,0
			130						41000					
			135						45000					
06190185	185	330	135	71	86	96	236	0,09	52000	237	10	M16x70	250	24,0
			140						57000					
			145						62000					

RCK 40 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

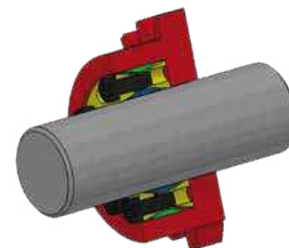
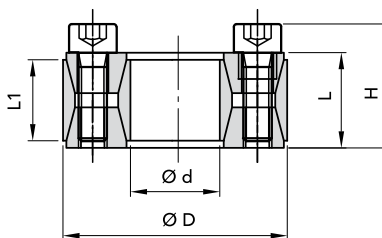
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 75 with a torque value less than or equal 4900 Nm:

RCK 40 - 75 x 115

Part Number 06400075



	Dimensions					Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L	H	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06400019	19	47	17	20	28	255	220	90	8	M6x18	14	M8	2	0,25
06400020	20	47	17	20	28	270	210	90	8	M6x18	14	M8	2	0,24
06400022	22	47	17	20	28	300	195	90	8	M6x18	14	M8	2	0,23
06400024	24	50	17	20	28	360	195	95	9	M6x18	14	M8	3	0,26
06400025	25	50	17	20	28	380	190	95	9	M6x18	14	M8	3	0,25
06400028	28	55	17	20	28	500	187	96	10	M6x18	14	M8	4	0,27
06400030	30	55	17	20	28	530	176	96	10	M6x18	14	M8	4	0,27
06400032	32	60	17	20	28	630	192	105	12	M6x18	14	M8	4	0,32
06400035	35	60	17	20	28	700	180	105	12	M6x18	14	M8	4	0,32
06400038	38	65	17	20	28	860	183	107	14	M6x18	14	M8	4	0,36
06400040	40	65	17	20	28	910	180	110	14	M6x18	14	M8	4	0,34
06400042	42	75	20	24	34	1500	226	125	12	M8x22	35	M10	4	0,48
06400045	45	75	20	24	34	1610	210	125	12	M8x22	35	M10	4	0,57
06400048	48	80	20	24	34	1700	196	115	12	M8x22	35	M10	4	0,59
06400050	50	80	20	24	34	1770	190	115	12	M8x22	35	M10	4	0,60
06400055	55	85	20	24	34	2270	200	130	14	M8x22	35	M10	4	0,63
06400060	60	90	20	24	34	2470	180	120	14	M8x22	35	M10	4	0,69
06400065	65	95	20	24	34	3040	190	130	16	M8x22	35	M12	4	0,73
06400070	70	110	24	28	40	4600	210	130	14	M10x25	70	M12	4	1,26
06400075	75	115	24	28	40	4900	195	125	14	M10x25	70	M12	4	1,33
06400080	80	120	24	28	40	5200	180	120	14	M10x25	70	M12	4	1,40
06400085	85	125	24	28	40	6300	195	130	16	M10x25	70	M12	4	1,49
06400090	90	130	24	28	40	6600	180	125	16	M10x25	70	M12	4	1,53
06400095	95	135	24	28	40	7900	195	135	18	M10x25	70	M12	4	1,62
06400100	100	145	26	33	47	9600	195	135	14	M12x30	125	M14	4	2,01
06400110	110	155	26	33	47	10500	180	125	14	M12x30	125	M14	4	2,15
06400120	120	165	26	33	47	13100	185	135	16	M12x30	125	M14	4	2,35
06400130	130	180	34	38	52	17600	165	115	20	M12x35	125	M14	4	3,51
06400140	140	190	34	38	52	20900	165	125	22	M12x35	125	M14	4	3,85
06400150	150	200	34	38	52	24200	170	125	24	M12x35	125	M14	4	4,07
06400160	160	210	34	38	52	28000	170	130	26	M12x35	125	M14	4	4,30
06400170	170	225	38	44	60	32800	160	120	22	M14x40	190	M16	4	5,80
06400180	180	235	38	44	60	37800	165	125	24	M14x40	190	M16	4	6,00
06400190	190	250	46	52	68	46500	150	115	28	M14x45	190	M16	4	8,50
06400200	200	260	46	52	68	52500	150	115	30	M14x45	190	M16	5	8,60
06400220	220	285	50	56	74	68000	150	115	26	M16x50	295	M18	3	11,0



RCK 45 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

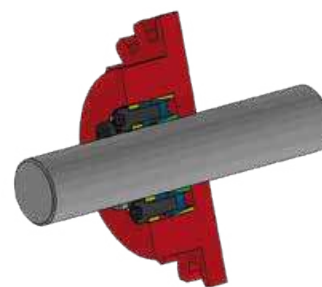
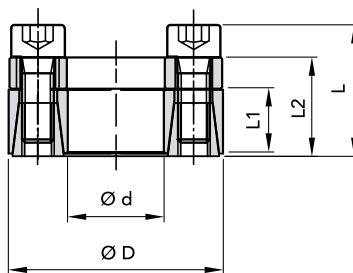
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 55 with a torque value less than or equal 2000 Nm:

RCK 45 - 55 x 83

Part Number 06450055



	Dimensions					Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L	"Mt Nm"	Shaft N/mm ²	Hub N/mm ²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06450018	18	40	12	18,5	24,5	190	260	120	6	M6x16	16	M8	2	0,20
06450019	19	41	12	18,5	24,5	210	260	120	6	M6x16	16	M8	2	0,25
06450020	20	42	12	18,5	24,5	240	250	120	6	M6x16	16	M8	2	0,24
06450024	24	46	12	18,5	24,5	290	250	120	6	M6x16	16	M8	2	0,25
06450025	25	47	12	18,5	24,5	330	230	120	8	M6x16	16	M8	2	0,25
06450028	28	50	12	18,5	24,5	370	220	120	8	M6x16	16	M8	2	0,30
06450030	30	52	12	18,5	24,5	430	210	120	8	M6x16	16	M8	2	0,30
06450035	35	57	15	22	28	610	170	100	12	M6x16	16	M8	3	0,32
06450038	38	60	15	22	28	680	170	100	12	M6x16	16	M8	3	0,36
06450040	40	62	15	22	28	780	170	100	12	M6x16	16	M8	3	0,40
06450042	42	70	18	28	36	1480	190	110	12	M8x22	41	M10	3	0,45
06450045	45	73	18	28	36	1500	210	130	12	M8x22	41	M10	3	0,57
06450048	48	76	18	28	36	1550	210	130	12	M8x22	41	M10	3	0,59
06450050	50	78	18	28	36	1650	190	120	12	M8x22	41	M10	3	0,61
06450055	55	83	18	28	36	2000	190	120	16	M8x22	41	M10	4	0,63
06450060	60	88	18	28	36	2350	190	120	16	M8x22	41	M10	4	0,69
06450070	70	105	22	35	35	3900	180	120	12	M10x25	70	M12	3	1,25
06450080	80	115	22	35	35	4800	170	120	16	M10x25	70	M12	4	1,40

RCK 50 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

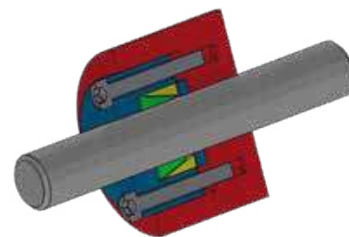
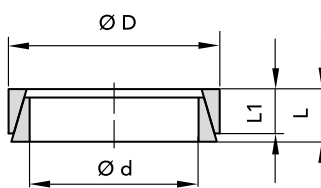
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 24 with a torque value less than or equal 73 Nm:

RCK 50 - 24 x 28

Part Number 06500024



* cut horizontally

	Dimensions					Max Torque	Clamping pressure			
CODE	Ød	ØD	L1	L	Necessary force Kg	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	Kg
06500006P	*6	9	3,7	4,5	380	2,4	115	75	20	0,05
06500007P	*7	10	3,7	4,5	390	3,0	105	70	20	0,05
06500008P	*8	11	3,7	4,5	530	4,7	120	90	20	0,05
06500009P	9	12	3,7	4,5	1560	7,9	140	105	20	0,05
06500010P	10	13	3,7	4,5	1560	9,5	135	105	20	0,05
06500012P	12	15	3,7	4,5	1560	11,4	115	90	20	0,05
06500013P	13	16	3,7	4,5	1560	13,1	110	90	20	0,06
06500014P	14	18	5,3	6,3	2540	22,3	115	90	20	0,11
06500015P	15	19	5,3	6,3	2540	24,3	110	85	20	0,11
06500016P	16	20	5,3	6,3	2540	27,3	105	85	20	0,11
06500017P	17	21	5,3	6,3	2540	29,8	105	85	20	0,11
06500018P	18	22	5,3	6,3	2540	32,4	100	80	20	0,15
06500019P	19	24	5,3	6,3	3600	49	140	110	20	0,15
06500020P	20	25	5,3	6,3	3600	53	135	105	5	0,05
06500022P	22	26	5,3	6,3	3600	66	135	115	5	0,05
06500024P	24	28	5,3	6,3	3600	73	130	110	5	0,05
06500025P	25	30	5,3	6,3	3600	72	115	95	5	0,05
06500028P	28	32	5,3	6,3	3600	86	115	100	5	0,06
06500030P	30	35	5,3	6,3	3600	91	100	85	5	0,06
06500032P	32	36	5,3	6,3	4500	131	130	115	5	0,06
06500035P	35	40	6	7	5400	171	125	110	5	0,09
06500036P	36	42	6	7	5400	169	115	100	5	0,10
06500038P	38	44	6	7	5400	181	110	95	5	0,12
06500040P	40	45	6,6	8	6600	231	115	105	5	0,12
06500042P	42	48	6,6	8	6600	235	110	95	3	0,09
06500045P	45	52	8,6	10	9900	353	105	95	3	0,14
06500048P	48	55	8,6	10	13200	572	155	135	3	0,14
06500050P	50	57	8,6	10	13200	602	150	130	3	0,14
06500055P	55	62	8,6	10	13200	670	140	125	3	0,16
06500056P	56	64	10,4	12	15720	790	130	115	3	0,22
06500060P	60	68	10,4	12	15720	860	125	110	3	0,22
06500063P	63	71	10,4	12	15720	910	120	105	3	0,25
06500065P	65	73	10,4	12	15720	950	115	100	3	0,28
06500070P	70	79	12,2	14	20960	1380	125	110	3	0,35
06500071P	71	80	12,2	14	20960	1400	120	110	3	0,35
06500075P	75	84	12,2	14	20960	1450	115	100	3	0,37
06500080P	80	91	15	17	29000	2200	125	105	3	0,57



RCK 55 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

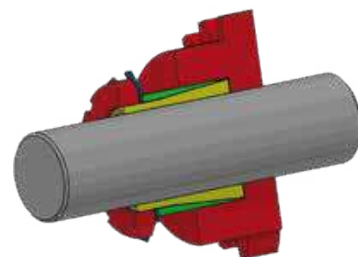
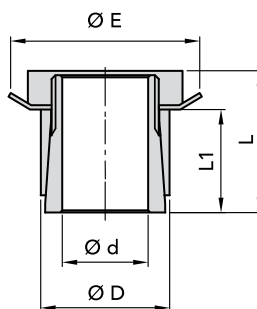
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 30 with a torque value less than or equal 270 Nm:

RCK 55 - 30 x 40

Part Number 06550030



	Dimensions					Max Torque	Clamping pressure		Ferrule			Security washer	
CODE	Ød	ØD	ØE	L1	L	"Mt Nm"	Shaft N/mm ²	Hub N/mm ²	TYPE	THREAD	TIGHTENING TORQUE Nm	TYPE	Kg
06550014	14	25	32	23	31	65	80	45	KM4	M20x1	95	MB4	0,10
06550015	15	25	32	23	31	70	80	45	KM4	M20x1	95	MB4	0,11
06550018	18	30	38	24	33	100	75	45	KM5	M25x1,5	160	MB5	0,13
06550019	19	30	38	24	33	105	75	45	KM5	M25x1,5	160	MB5	0,13
06550020	20	30	38	24	33	112	70	45	KM5	M25x1,5	160	MB5	0,15
06550024	24	35	45	29	38	178	65	45	KM6	M30x1,5	220	MB6	0,17
06550025	25	35	45	29	38	185	60	45	KM6	M30x1,5	220	MB6	0,17
06550028	28	40	52	34	44	250	55	40	KM7	M35x1,5	340	MB7	0,28
06550030	30	40	52	34	44	270	50	40	KM7	M35x1,5	340	MB7	0,26
06550035	35	45	58	34	45	390	55	45	KM8	M40x1,5	480	MB8	0,26
06550040	40	50	65	35	46	520	55	45	KM9	M45x1,5	680	MB9	0,33
06550045	45	55	70	35	47	680	60	50	KM10	M50x1,5	870	MB10	0,45
06550050	50	60	75	36	48	880	60	50	KM11	M55x2	970	MB11	0,66
06550055	55	65	80	36	48	1030	60	50	KM12	M60x2	970	MB12	0,72
06550060	60	70	85	36	50	1360	65	55	KM13	M65x2	1300	MB13	0,80

RCK 60 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

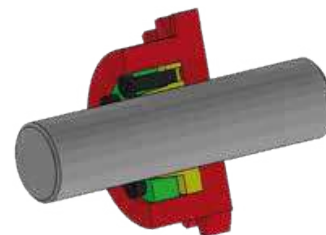
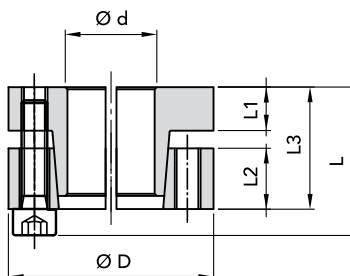
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having ød 75 with a torque value less than or equal 5000 Nm:

RCK 16 - 75 x 115

Part Number 06160075



	Dimensions						Max Torque	Clamping pressure				Clamping screws DIN 912 MAT. 12.9		Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Axial force N.	Shaft N/mm ²	Hub N/mm ²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06600020	20	47	10	14	28	34	245	29400	210	93	5	M6x25	17	M6	3	0,24
06600022	22	47	10	14	28	34	265	30000	196	93	5	M6x25	17	M6	3	0,23
06600024	24	50	10	14	28	34	370	32300	215	108	6	M6x25	17	M6	3	0,26
06600025	25	50	10	14	28	34	390	33300	210	108	6	M6x25	17	M6	3	0,25
06600030	30	55	10	14	28	34	480	41200	186	98	6	M6x25	17	M6	3	0,29
06600035	35	60	10	14	28	34	735	44100	186	108	8	M6x25	17	M6	4	0,32
06600038	38	65	10	14	28	34	790	46100	206	103	8	M6x25	17	M6	4	0,36
06600040	40	65	10	14	28	34	830	47000	186	103	8	M6x25	17	M6	4	0,34
06600042	42	75	12	18	35	43	1450	66000	225	132	7	M8x30	41	M8	4	0,48
06600045	45	75	12	18	35	43	1560	70000	220	132	7	M8x30	41	M8	4	0,57
06600050	50	80	12	18	35	43	1650	72000	206	127	7	M8x30	41	M8	4	0,60
06600055	55	85	12	18	35	43	2250	80000	210	132	8	M8x30	41	M8	4	0,63
06600060	60	90	12	18	35	43	2450	83000	186	122	8	M8x30	41	M8	4	0,69
06600065	65	95	12	18	35	43	2890	90000	200	132	9	M8x30	41	M8	3	0,73
06600070	70	110	16	24	46	56	4700	130000	220	140	8	M10x40	83	M10	4	1,26



RCK 61 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

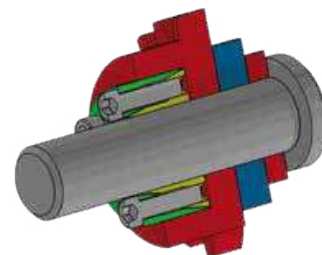
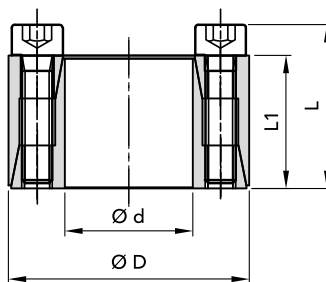
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 15 with a torque value less than or equal 40 Nm:

RCK 61 - 15 x 28

Part Number 06610015



	Dimensions				Max Torque	Clamping pressure		Clamping screws DIN 912 MAT. 12.9			Security washer		
CODE	Ød	ØD	L1	L	"Mt Nm"	Shaft N/mm ²	Hub N/mm ²	N	TYPE	TORQUE Nm	TYPE	N.	Kg
06610010	10	20	13	15,5	15	110	55	4	M2,5x12	1,2	M2,5	2	0,02
06610012	12	22	13	15,5	20	90	50	4	M2,5x12	1,2	M2,5	2	0,02
06610014	14	26	17	20	35	105	55	4	M3x16	2,1	M3	2	0,04
06610015	15	28	17	20	40	100	50	4	M3x16	2,1	M3	2	0,04
06610016	16	32	17	21	70	130	65	4	M4x16	4,9	M4	2	0,07
06610018	18	35	21	25	80	115	60	4	M4x20	4,9	M4	2	0,09
06610019	19	35	21	25	85	110	60	4	M4x20	4,9	M4	2	0,08
06610020	20	38	21	26	220	220	115	6	M5x20	9,7	M5	3	0,10
06610022	22	40	21	26	240	200	110	6	M5x20	9,7	M5	3	0,11
06610024	24	47	26	32	380	220	110	6	M6x25	16,2	M6	3	0,20
06610025	25	47	26	32	390	210	110	6	M6x25	16,2	M6	3	0,19

RCK 70 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

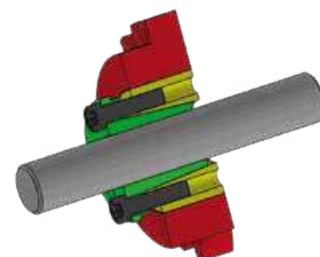
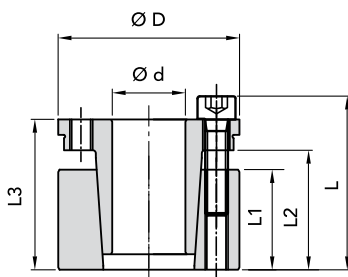
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 48 with a torque value less than or equal 2510 Nm:

RCK 70 - 48 x 80

Part Number 06700048



	Dimensions					Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9			Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06700019	19	47	26	31	39	45	350	228	98	4	M6x25	17	M6	2	0,39
06700020	20	47	26	31	39	45	390	231	100	4	M6x25	17	M6	2	0,38
06700022	22	47	26	31	39	45	440	220	95	4	M6x25	17	M6	2	0,37
06700024	24	50	26	31	39	45	519	215	102	6	M6x25	17	M6	3	0,43
06700025	25	50	26	31	39	45	590	230	105	6	M6x25	17	M6	3	0,42
06700028	28	55	26	31	39	45	700	220	110	6	M6x25	17	M6	3	0,45
06700030	30	55	26	31	39	45	760	200	120	6	M6x25	17	M6	3	0,45
06700032	32	60	26	31	39	45	930	230	114	8	M6x25	17	M6	4	0,60
06700035	35	60	26	31	39	45	1030	200	119	8	M6x25	17	M6	4	0,50
06700038	38	65	26	31	39	45	1240	210	124	8	M6x25	17	M6	4	0,60
06700040	40	65	26	31	39	45	1350	200	125	8	M6x25	17	M6	4	0,60
06700042	42	75	30	36	47	55	2170	236	140	6	M8x30	41	M8	3	1,00
06700045	45	75	30	36	47	55	2350	236	140	6	M8x30	41	M8	3	1,00
06700048	48	80	30	36	47	55	2510	218	135	6	M8x30	41	M8	3	1,10
06700050	50	80	30	36	47	55	2580	218	135	6	M8x30	41	M8	3	1,00
06700055	55	85	30	36	47	55	3200	223	145	8	M8x30	41	M8	4	1,10
06700060	60	90	30	36	47	55	3380	198	157	8	M8x30	41	M8	4	1,20
06700065	65	95	30	36	47	55	4160	213	140	8	M8x30	41	M8	4	1,30
06700070	70	110	40	46	57	67	6840	225	143	8	M10x35	83	M10	4	2,20
06700075	75	115	40	46	62	72	7500	210	138	8	M10x35	83	M10	4	2,50
06700080	80	120	40	46	62	72	8100	200	130	8	M10x35	83	M10	4	2,60
06700085	85	125	40	46	62	72	9700	210	145	10	M10x35	83	M10	4	2,80
06700090	90	130	40	46	62	72	10300	200	138	10	M10x35	83	M10	4	2,70
06700095	95	135	40	46	62	72	12100	210	148	10	M10x35	83	M10	4	2,90
06700100	100	145	46	52	77	89	15700	216	148	8	M12x45	145	M12	4	3,90
06700110	110	155	46	52	77	89	17200	196	139	8	M12x45	145	M12	4	4,20
06700120	120	165	46	52	77	89	22500	216	156	10	M12x45	145	M12	4	4,80
06700130	130	180	46	52	77	89	24000	196	140	12	M12x45	145	M12	4	5,00
06700140	140	190	51	59	84	90	30800	196	145	8	M14x45	230	M14	4	6,50
06700150	150	200	51	59	84	90	37150	205	153	10	M14x45	230	M14	5	7,00
06700160	160	210	51	59	84	90	40500	205	155	10	M14x45	230	M14	5	7,00
06700170	170	225	51	59	84	90	40900	163	123	12	M14x45	230	M14	6	8,50
06700180	180	235	51	59	84	90	41300	160	120	12	M14x45	230	M14	6	9,00



RCK 71 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

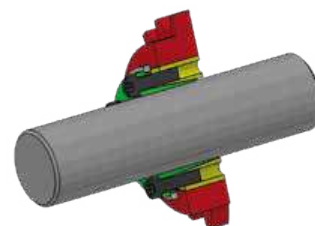
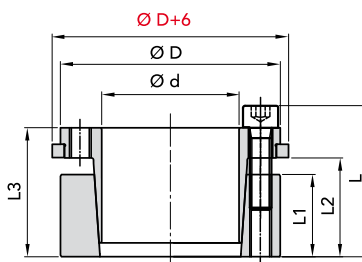
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 30 with a torque value less than or equal 650 Nm:

RCK 71 - 30 x 55

Part Number 06710030



	Dimensions					Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9			Extraction thread		
CODE	Ød	ØD	L1	L2	L3	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06710019	19	47	26	31	39	45	300	228	98	4	M6x25	17	M6	2	0,45
06710020	20	47	26	31	39	45	320	231	98	4	M6x25	17	M6	2	0,46
06710022	22	47	26	31	39	45	370	211	99	4	M6x25	17	M6	2	0,50
06710024	24	50	26	31	39	45	430	220	110	6	M6x25	17	M6	3	0,50
06710025	25	50	26	31	39	45	480	226	113	6	M6x25	17	M6	3	0,50
06710028	28	55	26	31	39	45	590	207	108	6	M6x25	17	M6	3	0,60
06710030	30	55	26	31	39	45	650	226	121	6	M6x25	17	M6	3	0,60
06710032	32	60	26	31	39	45	800	201	117	8	M6x25	17	M6	4	0,70
06710035	35	60	26	31	39	45	860	206	121	8	M6x25	17	M6	4	0,60
06710038	38	65	26	31	39	45	1030	201	124	8	M6x25	17	M6	4	0,80
06710040	40	65	26	31	39	45	1130	239	146	8	M6x25	17	M6	4	0,60
06710042	42	75	30	36	47	55	1930	221	138	6	M8x30	41	M8	3	1,20
06710045	45	75	30	36	47	55	1950	221	138	6	M8x30	41	M8	3	1,10
06710048	48	80	30	36	47	55	2180	226	145	6	M8x30	41	M8	3	1,30
06710050	50	80	30	36	47	55	2210	226	146	6	M8x30	41	M8	3	1,10
06710055	55	85	30	36	47	55	2730	226	146	8	M8x30	41	M8	4	1,20
06710060	60	90	30	36	47	55	2910	201	134	8	M8x30	41	M8	4	1,30
06710065	65	95	30	36	47	55	3570	211	145	8	M8x30	41	M8	4	1,40
06710070	70	110	40	46	57	67	5830	226	145	8	M10x35	83	M10	4	2,50
06710075	75	115	40	46	62	72	6330	221	151	8	M10x35	83	M10	4	2,60
06710080	80	120	40	46	62	72	6840	202	142	8	M10x35	83	M10	4	2,80
06710085	85	125	40	46	62	72	8160	221	161	10	M10x35	83	M10	4	2,80
06710090	90	130	40	46	62	72	8670	201	146	10	M10x35	83	M10	4	3,00
06710095	95	135	40	46	62	72	10200	191	141	10	M10x35	83	M10	4	3,00
06710100	100	145	46	52	77	89	13600	201	151	8	M12x45	145	M12	4	5,50
06710110	110	155	46	52	77	89	14870	201	182	8	M12x45	145	M12	4	4,80
06710120	120	165	46	52	77	89	19460	221	162	10	M12x45	145	M12	4	5,50
06710130	130	180	46	52	77	89	20820	202	146	12	M12x45	145	M12	4	6,00
06710140	140	190	51	59	84	90	25410	192	141	8	M14x45	230	M14	4	7,50
06710150	150	200	51	59	84	90	30720	202	152	10	M14x45	230	M14	5	7,70
06710160	160	210	51	59	84	90	33150	202	152	10	M14x45	230	M14	5	8,00
06710170	170	225	51	59	84	90	34000	161	121	12	M14x45	230	M14	6	9,80
06710180	180	235	51	59	84	90	34250	157	122	12	M14x45	230	M14	6	9,80

RCK 80 TYPE

SELF CENTRIN

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

Ø H 8 FOR HUB

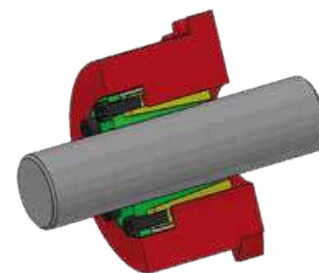
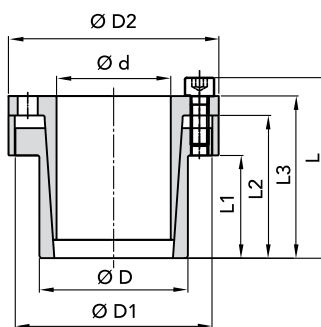
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 95 with a torque value less than or equal 8000 Nm:

RCK 80 - 80 x 100

Part Number 06800080



	Dimensions							Max Torque	Clamping pressure			Clamping screws DIN 912 MAT. 12.9			Extraction thread		
CODE	Ød	ØD	ØD1	ØD2	L1	L2	L3	L	"Mt Nm"	Shaft N/mm²	Hub N/mm²	N°	TYPE	TORQUE Nm	TYPE	N°	Kg
06800006	6	14	22	25	10	18,5	22,5	25,5	12	190	80	3	M3x10	2,2	M3	2	0,10
06800008	8	15	24	27	12	21,5	25,5	29,5	29	205	110	3	M4x12	5	M4	2	0,10
06800009	9	16	25	28	14	23,5	27,5	31,5	31	150	85	3	M4x12	5	M4	2	0,10
06800010	10	16	25	28	14	23,5	27,5	31,5	35	140	85	3	M4x12	5	M4	2	0,11
06800011	11	18	28	32	14	23,5	27,5	31,5	52	170	105	4	M4x12	5	M4	2	0,11
06800012	12	18	28	32	14	23,5	27,5	31,5	58	150	100	4	M4x12	5	M4	2	0,12
06800014	14	23	35	38	14	23,5	27,5	31,5	69	140	80	4	M4x12	5	M4	2	0,12
06800015	15	24	40	45	16	29,5	36,5	42,5	170	158	98	4	M6x18	17	M6	2	0,21
06800016	16	24	40	45	16	29,5	36,5	42,5	180	148	98	4	M6x18	17	M6	2	0,23
06800017	17	26	42	47	19	32,5	39,5	45,5	200	180	125	4	M6x18	17	M6	2	0,25
06800018	18	26	42	47	19	32,5	39,5	45,5	200	180	125	4	M6x18	17	M6	2	0,27
06800019	19	27	43	49	19	32,5	39,5	45,5	210	170	120	4	M6x18	17	M6	2	0,27
06800020	20	28	44	50	19	32,5	39,5	45,5	220	160	115	4	M6x18	17	M6	2	0,27
06800022	22	32	48	54	26	39,5	46,5	52,5	250	115	80	4	M6x18	17	M6	2	0,38
06800024	24	34	50	56	26	39,5	46,5	52,5	395	146	102	6	M6x18	17	M6	3	0,41
06800025	25	34	50	56	26	39,5	46,5	52,5	410	140	102	6	M6x18	17	M6	3	0,45
06800028	28	39	55	61	25,5	39,5	46,5	52,5	465	135	98	6	M6x18	17	M6	3	0,47
06800030	30	41	57	62	25,5	39,5	46,5	52,5	510	127	90	6	M6x18	17	M6	3	0,48
06800032	32	43	59	65	25,5	39,5	46,5	52,5	705	146	108	8	M6x18	17	M6	4	0,49
06800035	35	47	62	69	31,5	45,5	52,5	58,5	790	105	80	8	M6x18	17	M6	4	0,63
06800038	38	50	66	72	31,5	45,5	52,5	58,5	860	100	76	8	M6x18	17	M6	4	0,67
06800040	40	53	69	75	31,5	45,5	52,5	58,5	900	96	72	8	M6x18	17	M6	4	0,73
06800042	42	55	71	78	31,5	45,5	52,5	58,5	940	90	70	8	M6x18	17	M6	4	0,78
06800045	45	59	80	86	45	62,5	71	79	1840	110	85	8	M8x22	41	M8	4	1,23
06800048	48	62	81	87	45	62,5	71	79	2000	105	80	8	M8x22	41	M8	4	1,24
06800050	50	65	86	92	45	62,5	71	79	2100	100	75	8	M8x22	41	M8	4	1,40
06800055	55	71	92	98	55	72,5	81	89	2580	85	65	9	M8x22	41	M8	3	1,70
06800060	60	77	98	104	55	72,5	81	89	2800	75	60	9	M8x22	41	M8	3	1,76
06800065	65	84	105	111	55	72,5	81	89	3050	70	55	9	M8x22	41	M8	3	2,21
06800070	70	90	113	119	65	86,5	96,5	106,5	5250	90	70	9	M10x25	83	M10	3	3,05
06800075	75	95	119	126	65	86,5	96,5	106,5	5600	80	65	9	M10x25	83	M10	3	3,32
06800080	80	100	125	131	65	86,5	96,5	106,5	8000	100	80	12	M10x25	83	M10	4	3,50
06800090	90	112	137	144	65	86,5	96,5	106,5	9000	90	75	12	M10x25	83	M10	4	3,90
06800100	100	125	147	154	65	86,5	96,5	106,5	15000	120	95	18	M10x25	83	M10	4	4,60
06800110	110	140	172	180	90	114	128	140	16000	80	65	12	M12x35	145	M12	4	8,70
06800120	120	155	187	198	90	114	128	140	17500	70	55	12	M12x35	145	M12	4	10,70



RCK 95 TYPE

RIGID JOINT

The recommended machining tolerances for the pressure surface are as follows:

Ø h 8 FOR SHAFT

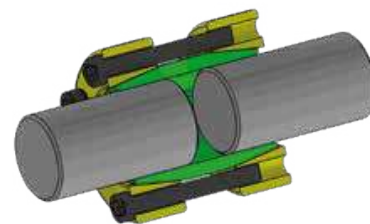
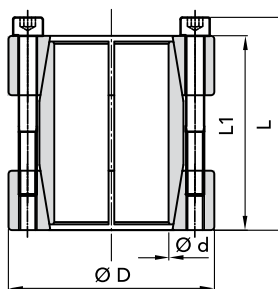
Recommended surface roughness
From Ra 1,6 to Ra 3,2

ORDERING EXAMPLE:

The following will be ordered with a shaft having Ød 40 with a torque value less than or equal 900 Nm

RCK 95 - 40 x 75

Part Number 06950040



	Dimensions				Max Torque	Clamping pressure	Clamping screws DIN 912 MAT. 12.9			Weight
CODE	Ød	ØD	L1	L	Mt Nm	Shaft N/mm ²	N.	TYPE	TORQUE Nm	Kg
06950017	17	50	50	56	200	110	4	M6x40	17	0,51
06950018	18	50	50	56	220	110	4	M6x40	17	0,52
06950019	19	50	50	56	230	110	4	M6x40	17	0,50
06950020	20	50	50	56	240	105	4	M6x40	17	0,50
06950024	24	55	60	66	290	120	4	M6x50	17	0,71
06950025	25	55	60	66	450	110	6	M6x50	17	0,69
06950028	28	60	60	66	510	110	6	M6x50	17	0,81
06950030	30	60	60	66	550	105	6	M6x50	17	0,78
06950032	32	63	60	66	580	90	6	M6x50	17	0,85
06950035	35	75	75	83	790	105	4	M8x60	41	1,48
06950038	38	75	75	83	850	100	4	M8x60	41	1,45
06950040	40	75	75	83	900	95	4	M8x60	41	1,40
06950042	42	78	75	83	950	90	4	M8x60	41	1,50
06950045	45	85	85	93	1520	110	6	M8x70	41	2,03
06950048	48	90	85	93	1620	100	6	M8x70	41	2,24
06950050	50	90	85	93	1690	95	6	M8x70	41	2,18
06950055	55	94	85	93	2470	110	8	M8x70	41	2,29
06950060	60	100	85	93	2710	95	8	M8x70	41	2,52
06950065	65	105	85	93	2930	90	8	M8x70	41	2,69
06950070	70	115	100	110	3770	90	6	M10x80	83	3,94



GIFLEX®

LEGEND

PITCH = *PASSO*

Index

363	SERIE GE-T WITH ELASTIC SPIDER - PRECISE MATCHING
364	SERIE GE-TL WITH ELASTIC SPIDER - PRECISE MATCHING
368	SERIE GE-T SG BACKLASH
377	RIGID COUPLING TYPE RJ
380	SERIE GF
382	SERIE GFA
386	SERIE GFAS
390	TORQUE LIMITERS
395	TORQUE LIMITERS WITH CHAIN COUPLING LCG
396	CHAIN COUPLING WITH KC COVER



GIFLEX® GE-T

INTRODUCTION

The GE-T series couplings are torsionally elastic mechanical couplings capable of transmitting a proportional torque to the elastic deflection of the intermediate element. The couplings must also be able to:

- Effectively dampen any torsional vibrations related to load or self-induced
- Attenuate shocks and torque peaks during start-up
- Compensate for slight angular and parallel misalignments between the shafts
- Ensure an acceptable service life.

These features and coupling performances depend exclusively by quality of the intermediate element, in this case, the material selection of the interposition element is very important. The curve expressing the elastic characteristic of the intermediate element must have a progressive trend (yielding at low torque values and rigid at higher values) to ensure smooth start-up operation and limited torsional deflection under steady-state conditions.

Couplings are capable to perform an effective dampen of any torsional oscillations, thanks to the intermediate element exhibits certain elastic hysteresis, with an extent commensurate with the required damping action.

Furthermore, the service life of the coupling depends on the elastic yield of the intermediate element material. Often, the physical characteristics mentioned above contrast with each other and to other fundamental mechanical and technological parameters, which means that the adjustment of the performance offered by the intermediate element to the different operating conditions cannot be guaranteed by a single material, thus necessitating a differentiation of the materials adopted for the elastic ring.

A thermoplastic elastomer is suggested to meet an adequate level of performance. It is a medium-stiffness elastomer, characterized by:

- Optimal internal damping,
- Aging, fatigue resistant
- Abrasion resistant, as well as hydrolysis and the main chemical agents, with reference to oils and ozone.

For couplings in the standard execution, operating temperatures were between -40 °C and +125 °C with permitted peaks up to 150 °C. For use in extreme operating conditions or in any case for above-average requirements, alternative compounds have been studied and are available on request, capable of satisfying every practical need.



SPIDER FOR GE-T

EMPLOYMENT TEMPERATURE

BLACK = -40° + 140°

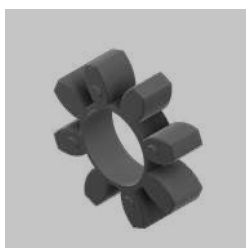
YELLOW = -40° + 90°

RED = -30° + 90°

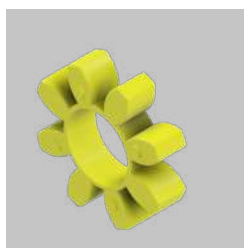
GREEN = -30° + 110°

EXAMPLE SPIDER CODE

0200 24 14
SPIDER GE-T TYPE 010 BLACK - 012 YELLOW
013 GREEN - 014 RED



BLACK SPIDER 92-94Sh A
THERMOPLASTIC



YELLOW SPIDER 92-94 Sh A
POLYURETHAN

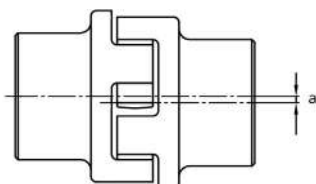


RED SPIDER 96-98 Sh A
POLYURETHAN

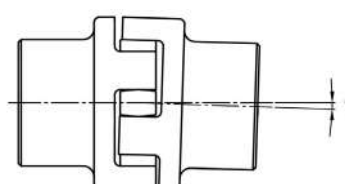


GREEN SPIDER 64 Sh D
POLYURETHAN

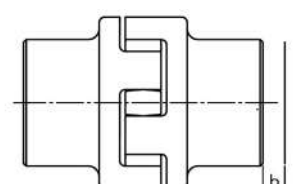
RADIAL displaced shaft



ANGULARLY displaced shaft



AXIALLY displaced shaft



Technical data

SPIDER TYPE	MAX R.p.M. min. ¹	Spider Shore	COLOR	TORSION ANGLE		TORQUES (Nm)			Torsional rigidity (Nm/rad)				Displacement		
				TkN	Tk MAX	Norm TkN	Max Tk MAX	with invers Tk w	1.0 Tk n	0.75 Tk n	0.5 Tk n	0.25 Tk n	axial b (mm)	radial a (mm)	angular U* (degree)
GE-T 19-24	1400	92/94 Sh a	BLACK	3°	5°	10	20	2,6	1280	1050	800	470	1,2	0,2	1,2°
		92/94 Sh a	YELLOW			10	20	2,6	1280	1050	800	470			
		96/98 Sh a	RED			17	34	4,4	2920	2390	1810	1070			
		64 Sh D	GREEN			21	42	5,5	5350	4390	3320	1970			
GE-T 24-32	10600	92/94 Sh a	BLACK	3°	5°	35	70	9	4860	3980	3010	1790	1,4	0,2	0,9°
		92/94 Sh a	YELLOW			35	70	9	4860	3980	3010	1790			
		96/98 Sh a	RED			60	120	16	9930	8140	6160	3650			
		64 Sh D	GREEN			75	150	19,5	15110	12390	9370	5950			
GE-T 28-38	8500	92/94 Sh a	BLACK	3°	5°	95	190	25	10900	8940	6760	4010	1,5	0,25	0,9°
		92/94 Sh a	YELLOW			95	190	25	10900	8940	6760	4010			
		96/98 Sh a	RED			160	320	42	26770	21950	16600	9840			
		64 Sh D	GREEN			200	400	52	27520	22570	17060	10120			
GE-T 38-45	7100	92/94 Sh a	BLACK	3°	5°	190	380	49	21050	17260	13050	7740	1,8	0,28	1,0°
		92/94 Sh a	YELLOW			190	380	49	21050	17260	13050	7740			
		96/98 Sh a	RED			325	650	85	48570	39830	30110	17850			
		64 Sh D	GREEN			405	810	105	70150	57520	43490	25780			
GE-T 42-55	6000	92/94 Sh a	BLACK	3°	5°	265	530	69	23740	19470	14720	8730	2,0	0,32	1,0°
		92/94 Sh a	YELLOW			265	530	69	23740	19470	14720	8730			
		96/98 Sh a	RED			450	900	117	54500	44690	33790	20030			
		64 Sh D	GREEN			560	1120	145	79860	65490	49520	29350			
GE-T 48-60	5600	92/94 Sh a	BLACK	3°	5°	310	620	81	36700	30090	22750	13490	2,1	0,36	1,1°
		92/94 Sh a	YELLOW			310	620	81	36700	30090	22750	13490			
		96/98 Sh a	RED			525	1050	137	65290	53540	40480	24000			
		64 Sh D	GREEN			655	1310	170	95510	78320	59220	35100			
GE-T 55-70	4750	92/94 Sh a	BLACK	3°	5°	410	820	105	50720	41590	31450	18640	2,2	0,38	1,1°
		92/94 Sh a	YELLOW			410	820	105	50720	41590	31450	18640			
		96/98 Sh a	RED			625	1250	163	94970	77880	58880	34900			
		64 Sh D	GREEN			825	1650	215	107920	88500	66910	39660			
GE-T 65-75	4250	92/94 Sh a	BLACK	3°	5°	625	1250	163	97130	79650	60220	35700	2,6	0,42	1,2°
		92/94 Sh a	YELLOW			625	1250	163	97130	79650	60220	35700			
		96/98 Sh a	RED			940	1880	166	129510	106200	80300	47600			
		64 Sh D	GREEN			1175	2350	305	151090	123900	93680	55530			
GE-T 75-90	3550	92/94 Sh a	BLACK	3°	5°	1250	2500	330	113320	92920	70260	41650	3,0	0,48	1,2°
		92/94 Sh a	YELLOW			1250	2500	330	113320	92920	70260	41650			
		96/98 Sh a	RED			1910	3850	490	197500	161950	122450	72580			
		64 Sh D	GREEN			2410	4820	624	248220	203540	153900	91220			
GE-T 90-100	2800	92/94 Sh a	BLACK	3°	5°	2400	4800	624	190090	155870	117860	69860	3,4	0,5	1,2°
		92/94 Sh a	YELLOW			2400	4800	624	190090	155870	117860	69860			
		96/98 Sh a	RED			3600	7200	936	312200	256000	193560	114730			
		64 Sh D	GREEN			4500	9000	1170	674520	553110	418200	247890			

with radial speed more than v=30m/s dynamic balancing is needed



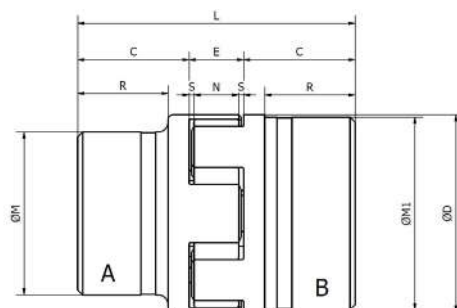
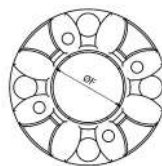
CAST-IRON GG25

EXAMPLE HUB CODE

0220 24 20
220 HUB GE-T TYPE 20 DESIGN A
CAST IRON 40 DESIGN B
40L DESIGN BL

MATERIAL

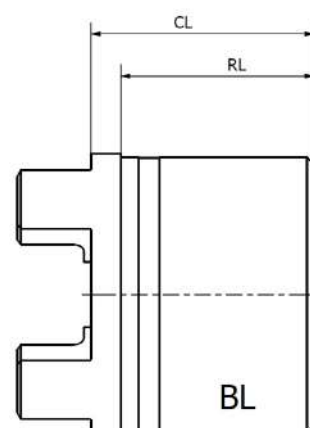
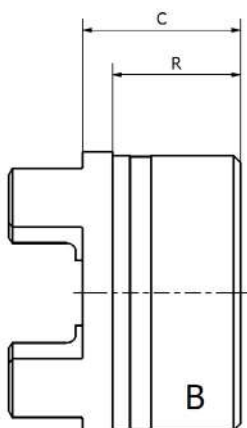
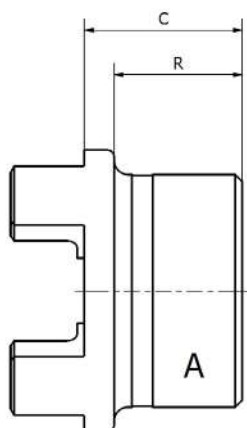
MAT. C45 EN 10083
MAT. CAST IRON G20/25 EN 15



COUPLING TYPE	Ø BORE		Ø MAX BORE ALLOWED		DIMENSIONS												
			A	B/BL	A-B											BL	
	A	B/BL	max	max	C	ØD	E	ØF	ØM	ØM1	N	R	S	L	CL	CL	
GE-T 19A-24B*	-	-	19	24	25	40	16	18	30	40	12	19	2	66	37	31	
GE-T 24A-32B	-	-	24	32	30	55	18	27	40	55	14	24	2	78	50	44	
GE-T 28A-38B	-	-	28	38	35	65	20	30	48	65	15	27,5	2,5	90	60	52,5	
GE-T 38A-45B	-	-	38	45	45	80	24	38	66	78	18	36,5	3	114	70	61,5	
GE-T 42A-55B	-	-	42	55	50	95	26	46	75	94	20	40	3	126	75	65	
GE-T 48A-60B	-	-	48	60	56	105	28	51	85	104	21	45	3,5	140	80	69	
GE-T 55A-70B	-	-	55	70	65	120	30	60	98	118	22	52	4	160	90	88	
GE-T 65A-75B	-	-	65	75	75	135	35	68	115	134	26	61	4,5	185	100	86	
GE-T 75A-90B	-	-	75	90	85	160	40	80	135	158	30	69	5	210	110	97	
GE-T 90A-100B	38	38	90	100	100	200	45	100	160	180	34	81	5.5	245	125	106	

COUPLING TYPE	WEIGHT Kg				J
	SPIDER elastico	HUB A	HUB B	HUB BL	
GE-T 19A-24B*	0,004	0,18	0,25	0,40	Kg cm² mozzi A + B
GE-T 24A-32B	0,014	0,36	0,55	0,91	0,8
GE-T 28A-38B	0,025	0,6	0,85	1,32	3
GE-T 38A-45B	0,042	1,35	1,65	2,58	7
GE-T 42A-55B	0,066	2	2,3	3,99	20
GE-T 48A-60B	0,088	2,75	3,1	5,10	50
GE-T 55A-70B	0,116	4,2	4,5	7,57	80
GE-T 65A-75B	0,172	6,5	6,8	10,82	160
GE-T 75A-90B	0,325	10	10,8	16,00	310
GE-T 90A-100B	0,44	14	15,8	23,72	680
					1590

J linertia moment hub A+B with max bore allowed





ALUMINIUM ALLOY

INTERPRETATION CODES

EXAMPLE

GE-T 19A-24B/AI = HUB A + HUB B

GE-T 19A-19A/AI = 2 HUB A

GE-T 24B-24B/AI = 2 HUB B

The characteristic size of the coupling is defined by the maximum diameter bore.

ON REQUEST

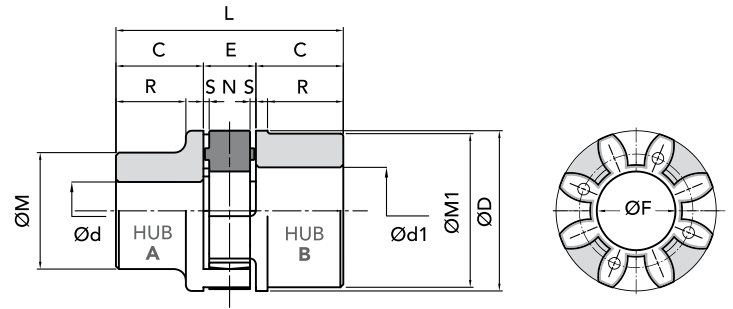
we execute machining for finish bore and keyway.

IMPORTANT

The couplings can be ordered complete, or for single components: HUB 1 + Spider + HUB 2

MATERIAL

ALUMINIUM 6082-T6 EN 573



Part Numbers

COUPLING TYPE	PART NUMBER HUB A	PART NUMBER HUB B	Spider BLACK	Spider RED	Polyurethane YELLOW spider
GE-T 19A-24B/AI	02301920	02301940			
GE-T 24A-32B/AI	02302420	02302440			
GE-T 28A-38B/AI	02302820	02302840			
GE-T 38A-45B/AI	02303820	02303840			

Measurements - Weight

COUPLING TYPE	Ø pilot bore		Ø finished bore		Measurement in mm normal range											Kg		J Kg cm²
	A	B	Ød max	ØD1 max	C	ØD	E	ØF	ØM	ØM1	N	R	S	L	spider	hub A	hub B	hubs A+B
GE-T 19A-24B/AI	6	10	19	24	25	40	16	18	30	40	12	19	2	66	0,005	0,07	0,08	0,4
GE-T 24A-32B/AI	8	14	24	32	30	55	18	27	40	55	14	24	2	78	0,014	0,13	0,18	1
GE-T 28A-38B/AI	10	16	28	38	35	65	20	30	48	65	15	27,5	2,5	90	0,025	0,22	0,3	3
GE-T 38A-45B/AI	12	20	38	45	45	80	24	38	66	78	18	36,5	3	114	0,042	0,48	0,55	8

J inertia torque HUB A+B with bore max Ø



CAST-IRON GG25

INTERPRETATION CODES

EXAMPLE

GE-T 28I-38E = HUB I + HUB E

GE-T 28E-38I = HUB E + HUB I

GE-T 28I-28I = 2 HUB I

GE-T 38E-38E = 2 HUB E

INSERTION BUSH:

HUB I with internal assembled bush

HUB E with external assembled bush

ON REQUEST

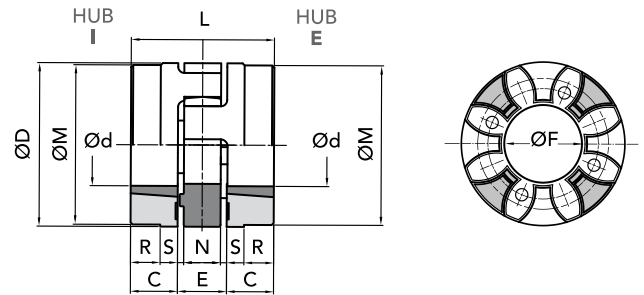
we execute machining for finish bore and keyway.

IMPORTANT

The couplings can be ordered complete, or for single components: HUB 1 + Spider + HUB 2

MATERIAL

CAST-IRON GG20/25 EN 1561



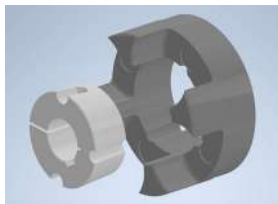
Part Numbers

COUPLING TYPE	PART NUMBER HUB I	PART NUMBER HUB E	Spider BLACK	Spider RED	Polyurethane YELLOW spider
GE-T 28-38 TL	03202841	03202840			
GE-T 38-45 TL	03203841	03203840			
GE-T 42-55 TL	03204241	03204240			
GE-T 48-60 TL	03204841	03204840			
GE-T 55-70 TL	03205541	03205540			
GE-T 75-90 TL	03207541	03207540			

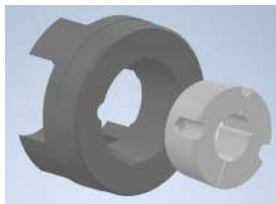
Measurements - Weight

COUPLING TYPE	Ø pilot bore	Ø finished bore		Measurement in mm normal range										Kg	J Kg cm²
	Lock	Ød max	ØD1 max	C	ØD	E	ØF	ØM	N	S	L	R	spider	Hub bore max	
GE-T 28-38 TL	1108	14	25	23	65	20	30	65	15	2,5	66	-	0,025	0,50	7
GE-T 38-45 TL	1108	14	25	23	80	24	38	78	18	3	70	15	0,042	0,88	26
GE-T 42-55 TL	1610	14	42	26	95	26	46	94	20	3	78	16	0,066	1,40	36
GE-T 48-60 TL	1615	19	40	39	105	28	51	104	21	3,5	106	28	0,088	2,33	78
GE-T 55-70 TL	2012	19	50	33	120	30	60	118	22	4	96	20	0,116	2,42	120
GE-T 75-90 TL	2517	19	65	35	160	40	80	158	30	5	132	30	0,325	6,80	630

J inertia torque HUB A+B with bore max Ø



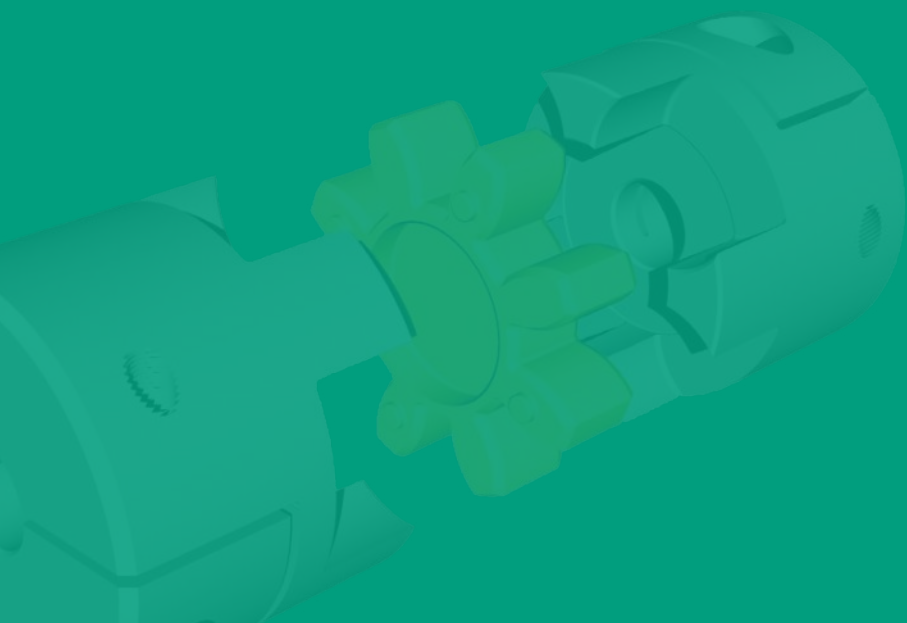
Hub I



Hub E

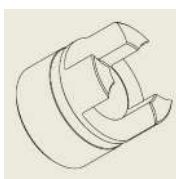


Series GE-T SG



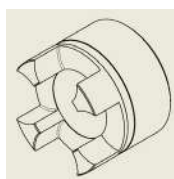
Hub Design

GIFLEX® GE-T SG



DESIGN A

Solid hub size 9 and 14 for 4-spikes elastomer, size 19 for 6-spikes elastomer.



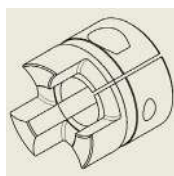
DESIGN B

Solid hub size 24 to 38 for 8-spikes elastomer.



DESIGN C

With single-cut clamp from size 9 to size 19, torques suitable according to hole-diameter. Also available with the compact version from size 9 to size 38.



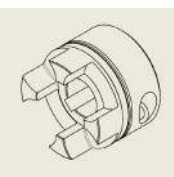
DESIGN CK

With single-cut clamp and keyway acc. to DIN 6885 - JS9, from size 14 to size 19. Also available with the compact version from size 9 to size 38.



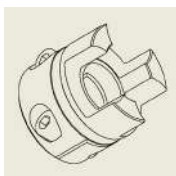
DESIGN D

With double-cut clamp from size 24 to size 38, torques suitable according to hole-diameter.



DESIGN DK

With double-cut clamp and keyway acc. to DIN 6885 - JS9, from size 24 to size 38.



DESIGN H

With 2x screws fixing clamp for radial mounting, torques suitable according to hole-diameter. Available from size 24 to size 42.



DESIGN HK

With 2x Screws fixing clamp for radial mounting and keyway acc. to DIN 6885 - JS9. Available from size 24 to size 42.



GIFLEX® GE-T SG

INTRODUCTION

The GE-T SG elastic couplings are composed of three pre-loaded and backlash-free elements.

Designed for plug-in (or plug-and-play) mounting, they are suitable for use in systems where low operating torque is required, and in industrial processes where couplings must meet specific requirements.

Thanks to their small dimensions and particularly easy assembly, they operate in limited spaces, offering considerable advantages in design.

FEATURES

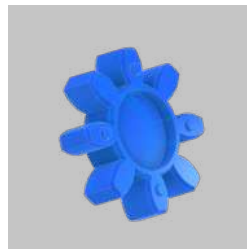
The clamp-style execution (or clamp coupling) allows for quick and secure fixing with zero backlash between the shaft and the hub. It is nevertheless important to observe the tightening torque (MS) of the screw, as shown in the table.

Always verify the transmissible torque of the clamp as a function of the diameter (F), in addition to the size of the coupling itself, as reported in the table.

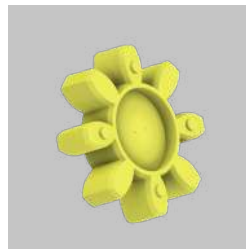
The star-shaped elastic element is inserted with a slight pre-load into the hub jaws, thereby ensuring the transmission of the necessary torque with backlash-free operation.

EXAMPLE SPIDER CODE

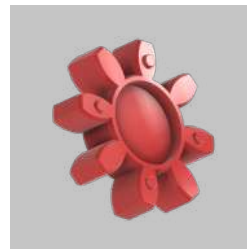
025	14	100
025	TYPE	COLOR:
COUPLING		100 YELLOW
GE-T SG		102 BLUE
		104 RED
		106 GREEN



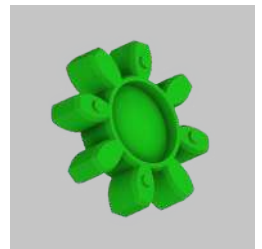
BLUE 80 Sh A
POLYURETHAN



YELLOW 92/94 Sh A
POLYURETHAN



RED 96/98 Sh A
POLYURETHAN



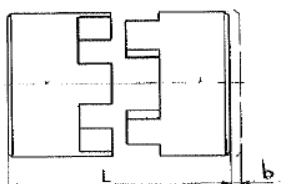
GREEN 64 Sh D
POLYURETHAN

Technical data

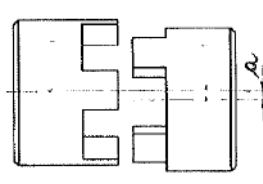
COUPLING TYPE	HARDNESS WITH SPIDER	MAX speed for type				Nm		Stiffness			Max inertia moment
		Design C	Design D	Design H	max	Tk n couple	Tk max couple	tors. static Nm/rad	tors. dynamic Nm/rad	radial Nm	
GE-T 9 SG	80 Sh A	19000			28000	1,8	3,6	17,02	52	125	0,57
	92/94 Sh A					3	6	31,5	95	262	
	96/98 Sh A					5	10	51,5	150	518	
GE-T 14 SG	80 Sh A	12700		12700	19000	4	8	60,2	180	153	3,25
	92/94 Sh A					7,5	15	114,6	344	336	
	96/98 Sh A					12,5	25	172	513	604	
	64 Sh D					16	32	238	702	856	
GE-T 19-24 SG	80 Sh A	9550		9550	1400	4,9	9,8	343,8	1030	740	21,9
	92/94 Sh A					10	20	573	1720	1260	
	96/98 Sh A					17	34	859	2580	2210	
	64 Sh D					21	42	2450	3820	2970	
GE-T 24-28 SG	80 Sh A		6950	6950	10600	17	34	850	1385	840	58,3
	92/94 Sh A					35	70	2280	4296	1900	
	96/98 Sh A					60	120	3700	8125	2940	
	64 Sh D					75	150	5000	11000	3700	
GE-T 28-38 SG	80 Sh A		5850	5850	8500	46	92	1360	2345	990	216,8
	92/94 Sh A					95	190	3820	7260	2100	
	96/98 Sh A					160	320	4190	10315	3680	
	64 Sh D					200	400	10010	20035	4400	
GE-T 38-45 SG	80 Sh A		4750	4750	7100	95	190	3000	6100	1400	445,2
	92/94 Sh A					190	380	4589	13752	2900	
	96/98 Sh A					325	650	7160	21845	5040	
	64 Sh D					405	810	25600	40250	6445	
GE-T 42 SG	80 Sh A		4000	4000	6000	130	270	4500	9600	1950	2802
	92/94 Sh A					270	540	9800	20500	4100	
	96/98 Sh A					450	900	15180	34200	5940	
	64 Sh D					565	1130	37000	70000	7300	

with radial speed more than $v=30\text{m/s}$ dynamic balancing is needed

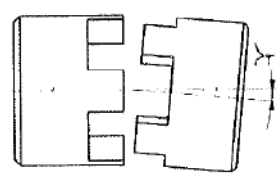
Axial displacement



Radial displacement

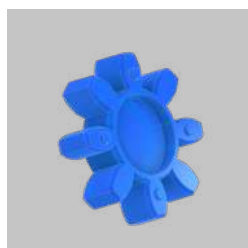
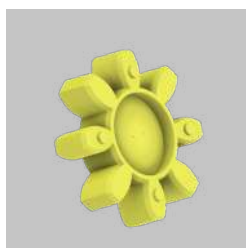
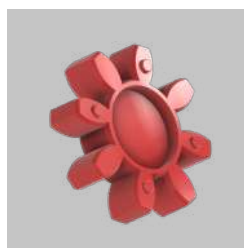
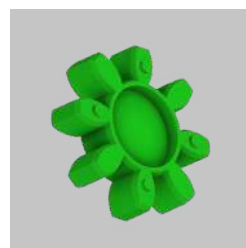


Angular displacement



**EXAMPLE SPIDER CODE**

025	14	100
↓	↓	↓
025	TYPE	COLOR:
COUPLING		100 YELLOW
GE-T SG		102 BLUE
		104 RED
		106 GREEN

BLUE 80 Sh A
POLYURETHANYELLOW 92/94 Sh A
POLYURETHANRED 96/98 Sh A
POLYURETHANGREEN 64 Sh D
POLYURETHAN

COUPLING TYPE	DISPLACEMENT			
	spider GE-T SG	AXIAL b (mm)	RADIAL a (mm)	ANGULAR U (mm)
GE-T 9 SG	80 Sh A		0,19	1,1°
	92/94 Sh A	+0,9	0,13	1,0°
	96/98 Sh A	-0,9	0,08	0,9°
	64 Sh D		0,05	0,8°
GE-T 14 SG	80 Sh A		0,21	1,1°
	92/94 Sh A	+1,0	0,15	1,0°
	96/98 Sh A	-0,5	0,09	0,9°
	64 Sh D		0,08	0,8°
GE-T 19-24 SG	80 Sh A		0,15	1,1°
	92/94 Sh A	+1,2	0,10	1,0°
	96/98 Sh A	-0,5	0,08	0,9°
	64 Sh D		0,04	0,8°
GE-T 24-28 SG	80 Sh A		0,14	1,0°
	92/94 Sh A	+1,4	0,10	0,9°
	96/98 Sh A	-0,5	0,07	0,8°
	64 Sh D		0,04	0,7°
GE-T 28-38 SG	80 Sh A	-	0,15	1,0°
	92/94 Sh A	+1,5	0,11	0,9°
	96/98 Sh A	-0,5	0,08	0,8°
	64 Sh D	-	0,05	0,7°
GE-T 38-45 SG	80 Sh A		0,17	1,0°
	92/94 Sh A	+1,8	0,12	0,9°
	96/98 Sh A	-0,7	0,09	0,8°
	64 Sh D		0,06	0,7°
GE-T 42 SG	80 Sh A	-	0,19	1,0°
	92/94 Sh A	+2,0	0,14	0,9°
	96/98 Sh A	-1,0	0,10	0,8°
	64 Sh D	-	0,07	0,7°





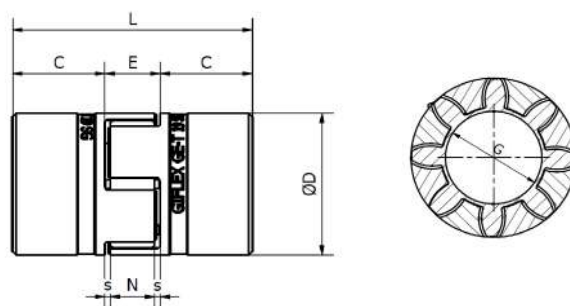
BACKLASH-FREE COUPLING

HUB EXECUTION A and B SOLID HUB

MAT ALUMINIUM
with spider

- 4 pointed **GE-T 09 SG**
GE-T 14 SG
- 6 pointed **GE-T 19-24 SG**
- 8 pointed **GE-T 24-28 SG**
GE-T 28-38 SG
GE-T 38-45 SG

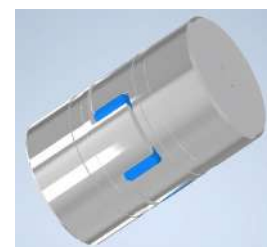
MATERIAL
MAT: ALUMINIUM 6082-T6 EN 573



COUPLING TYPE	achievable minimum bore Ø	achievable maximum bore Ø	Ø D	Ø G	L	C	E	N	S	Design
GE-T 09 SG	4	9	20	7,2	30	10	10	8	1	A
GE-T 14 SG	4	14	30	10,5	35	11	13	10	1,5	A
GE-T 19-24 SG	10	20	40	18	66	25	16	12	2	A
GE-T 24-28 SG	15	28	55	27	78	30	18	14	2	B
GE-T 28-38 SG	19	35	65	30	90	35	20	15	2,5	B
GE-T 38-45 SG	20	45	80	38	114	45	24	18	3	B

EXAMPLE HUB CODE

025 14 200
 025 COUPLING GE-T SG
 TYPE
 200 SOLID HUB



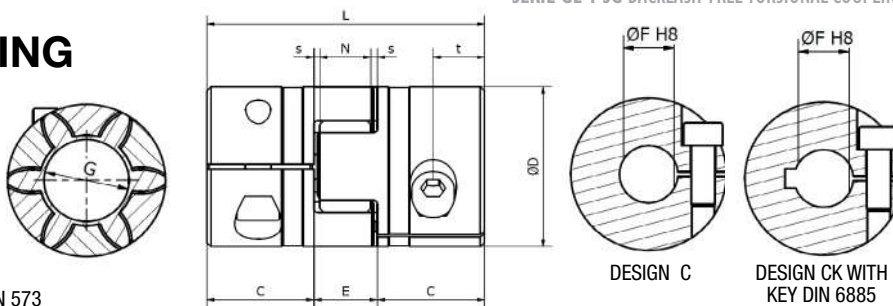
BACKLASH-FREE COUPLING

HUB DESIGN C

WITH SINGLE CUT
with spider

- 4 pointed **GE-T 09 SG**
GE-T 14 SG
- 6 pointed **GE-T 19-24 SG**

MATERIAL
MAT: ALUMINIUM 6082-T6 EN 573
MAT: STEEL C45 EN 10083



CHIARAVALLI GROUP BRAND GIFLEX®
SERIE GE-T SG BACKLASH-FREE TORSIONAL COUPLING

Dimensions												
COUPLING TYPE	ØF H8 - friction torque for design C				Ø D	Ø G	L	C	E	N	S	t
GE-T 09 SG	5	6	8	10	20	7,2	30	10	10	8	1	5
FRICITION TORQUE Nm	2,20 - 2,30 - 2,50 - 2,70											
GE-T 14 SG	5	6	8	10	30	10,5	35	11	13	10	1,5	5
FRICITION TORQUE Nm	4,70 - 4,78 - 5,20 - 5,50 - 6,05 - 6,20 - 6,45 - 6,70											
GE-T 19-24 SG	8	10	12	14	40	18	66	25	16	12	2	12
FRICITION TORQUE Nm	25 - 27 - 28 - 30 - 31 - 32 - 33 - 33 - 34,5											

EXAMPLE HUB CODE

025 14 2 12 K
 025 COUPLING GE-T SG
 TYPE
 MAT. 2-ALUMINIUM 3-STEEL C45
 ØBORE
 WITH KEYWAY





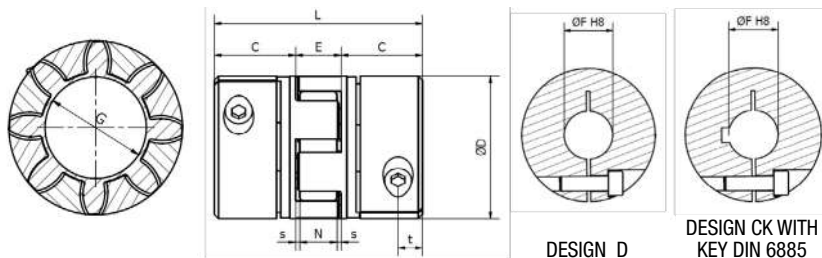
BACKLASH-FREE COUPLING

HUB DESIGN D

WITH DOUBLE CUT
with spider

8 pointed

MATERIAL
MAT: ALUMINIUM 6082-T6 EN 573
MAT. STEEL C45 EN 10083



Dimensions																						
COUPLING TYPE	ØF H8 - friction torque for design C										Ø D	Ø G	L	C	E	N	S	f	Ms screw (Nm) clamping torque	t		
GE-T 24-28 SG	12	14	15	16	18	19	20	22	24	25	28	20	7,2	30	10	10	8	1	M6	11	10,5	
TRANSMISSIBLE TORQUE	29	36	38	38,5	40	41,5	43	45	47	47,5	49											
GE-T 28-38SG	18	19	20	22	24	25	28	30	32	35		30	10,5	35	11	13	10	2,5	M8	25	11,5	
TRANSMISSIBLE TORQUE	84	85	87	89	91	92	99	100	105	110												
GE-T 38-45SG	18	19	20	22	24	25	28	30	32	35	38	40	40	18	66	25	16	12	2	M8	25	15,5
TRANSMISSIBLE TORQUE	98	98	100	102	104	106	109	113	115	118	125	130										

EXAMPLE HUB CODE

025	24	2	20	K
025 COUPLING GE-T SG	TYPE	MAT. 2-ALUMINIUM 3-STEEL C45	ØBORE	WITH KEYWAY





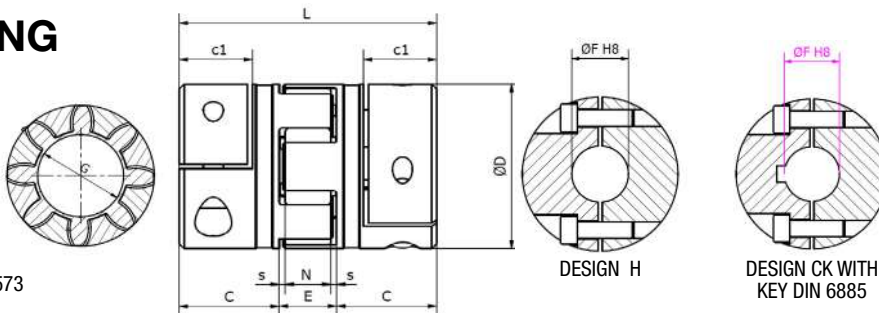
BACKLASH-FREE COUPLING

HUB DESIGN H WITH HALF-SHELL CLAMP

with spider

4 pointed **GE-T 14 SG**
6 pointed **GE-T 19-24 SG**
8 pointed **GE-T 24-28 SG**
GE-T 28-38 SG
GE-T 38-45 SG
GE-T 42-55 SG

MATERIAL
MAT: ALUMINIUM 6082-T6 EN 573
STEEL C45 EN 10083
ON DEMAND

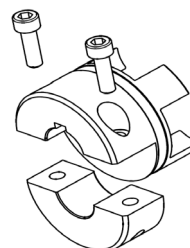


Dimensions

COUPLING TYPE	ØF H8 - friction torque for design H	D	G	L	C	C1	E	N	s	Ms screw (Nm) clamping torque	SCREW
GE-T 14SG FRICTION TORQUE Nm	5 - 6 - 8 - 10 - 12 - 14 - 15 - 16 8 8.3 8.9 9.5 10.1 10.7 11 11.3	30	10,5	50	18	13,3	13	10	1,5	5	M4
GE-T 19-24SG FRICTION TORQUE Nm	8 - 10 - 12 - 14 - 15 - 16 - 18 - 19 - 20 17 21 24 30 32 34 38 40 42	40	18	66	25	17,5	16	12	2	10	M6
GE-T 24-28SG FRICTION TORQUE Nm	12 - 14 - 15 - 16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 28 30 32 34 38 40 42 47 51 53 59	55	27	78	30	20,5	18	14	2	10	M6
GE-T 28-38SG FRICTION TORQUE Nm	18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 70 74 78 88 93 97 109 117 124 136	65	30	90	35	25	20	15	2,5	25	M8
GE-T 38-45SG FRICTION TORQUE Nm	18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 70 74 78 88 93 97 109 117 124 136 148 156	80	38	114	45	33	24	18	3	25	M8
GE-T 42-55SG FRICTION TORQUE Nm	22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 - 42 - 45 - 48 - 50 136 149 155 174 188 198 217 235 248 260 279 297 310	95	46	126	50	39	26	20	3	45	M10

EXAMPLE HUB CODE

025	24	4	20	K
COUPLING GE-T SG	TYPE	MAT. 4-ALUMINIUM 5-STEEL C45	ØBORE	WITH KEYWAY





BACKLASH-FREE COUPLING

HUB EXECUTION C COMPACT VERSION WITH SINGLE CUT

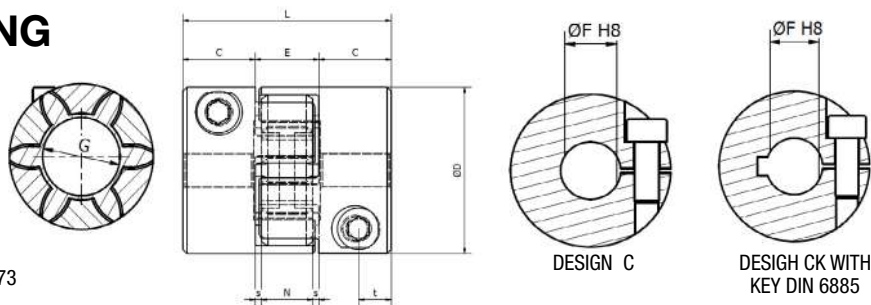
MAT ALUMINIUM
with spider

4 pointed **GE-T 09 SG**
GE-T 14 SG

6 pointed **GE-T 19-24 SG**

8 pointed **GE-T 24-28 SG**
GE-T 28-38 SG
GE-T 38-45 SG

MATERIAL
MAT: ALUMINIUM 6082-T6 EN 573
ON DEMAND



Dimensions

COUPLING TYPE	ØF H8 - friction torque for design H	Ø D	Ø G	L	C	E	N	S	SCREW	Ms screw (Nm) clamping torque	t
GE-T 09 SG C FRICTION TORQUE Nm	5 - 6 - 8 - 10 2 2.1 2.3 2.5	20	7,2	24	7	10	8	1	M2,5	0,75	3,5
GE-T 14 SG C FRICTION TORQUE Nm	5 - 6 - 8 - 10 - 12 - 14 - 15 - 16 7.1 7.4 8 8.5 9.1 10.2 10.5 11	30	10,5	32	10,0	13	10	1,5	M4	3,1	5
GE-T 19-24 SG C FRICTION TORQUE Nm	8 - 10 - 12 - 14 - 15 - 16 - 18 - 19 - 20 24.3 25.7 27 28.4 29 29.7 33.1 31.7 32,4	40	18	50	17	16	12	2	M6	11	8,5
GE-T 24-28 SG C FRICTION TORQUE Nm	12 - 14 - 15 - 16 - 18 - 19 - 20 - 22 - 24 - 25 - 28 36 37 38 39 40 41 41 42 44 44 46	55	27	54	18	18	14	2	M6	11	9
GE-T 28-38 SG C FRICTION TORQUE Nm	18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 83 84 85 88 90 91 95 98 100 104	65	30	62	21	20	15	2,5	M8	25	11
GE-T 38-45 SG C FRICTION TORQUE Nm	18 - 19 - 20 - 22 - 24 - 25 - 28 - 30 - 32 - 35 - 38 - 40 105 108 112 120 125 129 135 143 150 160 172 181	80	38	76	26	24	18	3	M10	45	13

EXAMPLE HUB CODE

025	14	6	12	K
025 COUPLING GE-T SG	TYPE	MAT. 6-ALUMINIUM	ØBORE	WITH KEYWAY

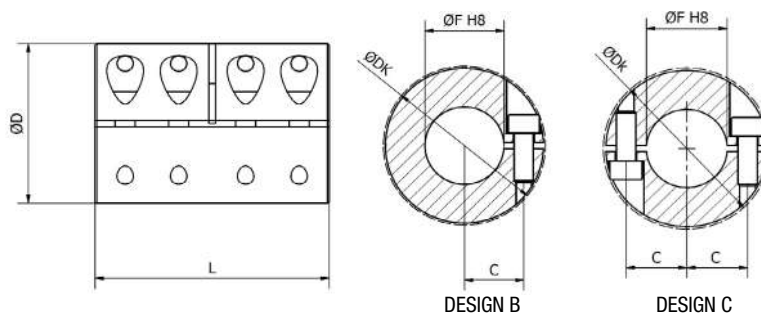


RIGID COUPLING TYPE RJ

DESIGN B
ONE PIECE

DESIGN C
TWO PIECES

MATERIAL
MAT C45 + E-COATING



Dimensions

COUPLING TYPE	WMeasurement in mm normal range				
	ØD	ØDK	Ø F H8	L	C
RJ001	32	33	10	45	10,5
RJ002	40	-	15	50	13,5
RJ003	45	47	20	65	16,25
RJ004	50	52	25	70	18,75
RJ005	55	57	30	75	21,25
RJ006	65	70	35	85	25
RJ007	70	74	40	90	27,5
RJ008	80	83	45	10	31,25
RJ009	90	95	50	110	35

Technical data

COUPLING TYPE	WEIGHT	FRICTION TORQUE Nm		MAX SPEED	SCREW 12.9		
	Kg	DESIGN B	DESIGN C	rpm	DESIGN B	DESIGN C	tightening torque
RJ001	0,25	65	50	5500	n°4 x M4	n°8 x M4	4,9
RJ002	0,42	140	125	4200	n°4 x M5	n°8 x M5	9,7
RJ003	0,65	250	230	3800	n°4 x M6	n°8 x M6	17
RJ004	0,87	295	285	3500	n°4 x M6	n°8 x M6	17
RJ005	1,11	350	345	3200	n°4 x M6	n°8 x M6	17
RJ006	1,75	800	760	2700	n°4 x M8	n°8 x M8	41
RJ007	2,13	880	870	2500	n°4 x M8	n°8 x M8	41
RJ008	2,96	990	980	2200	n°4 x M8	n°8 x M8	41
RJ009	4,31	1420	1360	1900	n°4 x M10	n°8 x M10	83



Series GF, GFA, GFAS





GIFLEX® GF WITH POLYAMIDE SLEEVE

INTRODUCTION

The GIFLEX flexible gear coupling range consists of commercial couplings for general applications, which are nevertheless produced according to high quality standards and offer technical and performance characteristics typical of industrial couplings.

The specific application sector concerns power transmissions for the flexible connection of rotating parts, with the ability to compensate for radial and angular misalignments and absorb axial displacements.

Performance is in line with this class of couplings, yet they are made more demanding and better suited to industrial needs by the adopted design criteria and the precision with which the couplings are machined and systematically tested.

CONSTRUCTION

From a structural point of view, flexible gear couplings consist of two symmetrical steel hubs and a synthetic resin sleeve, which ensures the coupling and power transmission between the two hubs.

The two hubs are made of low-carbon steel and have undergone an anti-corrosion surface treatment. Each hub is fitted with a toothed ring.

The hollow sleeve with internal gearing is formed by injection molding and is made of a high-molecular-weight, semi-crystalline technical polymer, guaranteed by origin certification. It is thermally conditioned and loaded with a solid lubricant that helps improve the self-lubricating characteristics typical of the polymer.

The gearing of the two hubs has a progressive double curvature, produced using a Numerical Control (NC) machine tool, which ensures optimal coupling performance. This solution allows for the compensation of dynamic angular and radial misalignments **EVEN UNDER LOAD CONDITIONS**.

The specific tooth geometry for a given transmitted torque significantly reduces surface pressure, thereby increasing the coupling's load transmission capacity and fatigue resistance.

The polymer's relative insensitivity to atmospheric humidity and its ability to withstand temperatures between -20°C and $+120^{\circ}\text{C}$ with short peaks up to $+150^{\circ}\text{C}$ allow the coupling to endure demanding working conditions, even in an aggressive environment.

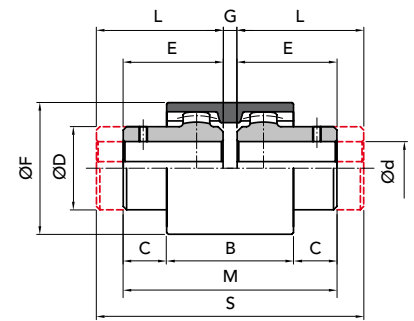
FEATURES

The couplings offer the following performance characteristics in practical applications:

- Reduced overall dimensions, weight, and moment of inertia;
- Constant velocity performance (or Smooth, constant speed operation);
- Silent operation and the ability to flexibly absorb shock and vibrations;
- Resistance to the most common aggressive chemical agents and moderate heat, with a maximum temperature of 80°C ;
- Self-lubricating, electrical insulation, and maintenance-free;
- Economic, easy to assemble, and suitable for a variety of applications, even in harsh conditions.



FLEXIBLE TOOTHED COUPLINGS GF



Part number for complete coupling				Part number for simple components		
COUPLING TYPE	P. NUMBER GF NN	P. NUMBER GF NL	P. NUMBER GF LL	HUB NORMAL	HUB LONG	SLEEVE NYLON
GF 14	00101402	00101400	00101404	00101420	00101440	00101410
GF 19	00101902	00101900	00101904	00101920	00101940	00101910
GF 24	00102402	00102400	00102404	00102420	00102440	00102410
GF 28	00102802	00102800	00102804	00102820	00102840	00102810
GF 32	00103202	00103200	00103204	00103220	00103240	00103210
GF 38	00103802	00103800	00103804	00103820	00103840	00103810
GF 42	00104202	00104200	00104204	00104220	00104240	00104210
GF 48	00104802	00104800	00104804	00104820	00104840	00104810
GF 55	00105502	00105500	00105504	00105520	00105540	00105510
GF 65	00106502	00106500	00106504	00106520	00106540	00106510

Dimension- weights														
COUPLING TYPE	Ød AVAILABLE WITH FINISHED BORE ON DEMAND		FOR NORMAL RANGE HUBS dimension in mm							LONGS HUBS SERIES		SLEEVE	NORMAL HUB	LONG HUB
	min	max	B	C	ØD	E	ØF	G	M	L	S	Kg	Kg	Kg
GF 14	6	14	38	6,5	25	23,5	41	4	51	30	64	0,023	0,1	0,13
GF 19	8	19	38	8,5	32	25,5	48	4	55	40	84	0,03	0,18	0,28
GF 24	10	24	42	7,5	36	26,5	52	4	57	50	104	0,036	0,23	0,41
GF 28	10	28	48	19	45	41	68	4	86	60	124	0,08	0,54	0,78
GF 32	12	32	48	18	50	40	75	4	84	60	124	0,104	0,65	0,96
GF 38	14	38	50	17	58	40	85	4	84	80	164	0,125	0,89	1,7
GF 42	20	42	50	19	63	42	95	4	88	110	224	0,178	1,08	2,73
GF 48	20	48	50	27	68	50	100	4	104	110	224	0,193	1,47	3,17
GF 55	25	55	65	29,5	82	60	120	4	124	110	224	0,348	2,61	4,67
GF 65	25	65	72	36	95	70	140	4	144	140	284	0,429	4,24	8,11



IMPORTANT: JOINTS CAN BE ORDERED COMPLETE OR AS INDIVIDUAL COMPONENTS



GIFLEX® GFA

PRESENTATION

The GIFLEX® GFA flexible coupling range consists of couplings designed with a compact structure for industrial applications, which are **torsionally rigid** and capable of compensating for angular, parallel, and combined misalignments.

The special configuration, featuring a **one-piece sleeve** and **seals at both ends**, makes the couplings suitable for use in aggressive environments and under particularly demanding operating conditions. Performance aligns with the characteristics of a **constant velocity double-cardan joint**, intended for use in both general and specific applications, with the possibility of being mounted even on shafts with **ample free play (or large clearances)**.

The operational limits defined by the maximum torque, rotational speed, and permissible angular misalignment are the result of a design based on a targeted selection of materials, heat treatment, and tooth geometry.

The reliability of the declared operational limits has been confirmed by verifying the **fatigue limits** for both **surface pressure (Hertzian pressure)** and **bending and destructive wear**, in accordance with calculation schemes based on the most authoritative international standards.

The Technical Department of CHIARAVALLI GROUP SpA is available to examine problems related to the selection, application, and maintenance of the couplings in collaboration with users. Upon specific request, special couplings can be offered and manufactured that differ in shape, design, and performance, as an alternative to the standard.

For example:

- Couplings designed for high angular and parallel misalignments.
- Couplings made of high-strength steel and with surface case hardening heat treatment.
- Couplings with case-hardened and tempered hubs (and using a hard metal tool).
- Special couplings manufactured according to drawing.

FEATURES

The GFA compact coupling range consists of two toothed hubs and a **one-piece external connecting sleeve**.

The retention of the lubricant inside the coupling is ensured by **two O-ring seals** (or ring seals), located at both ends of the sleeve and held in position by **elastic washers (Seeger rings)**.

Two threaded pins, arranged radially and opposite each other on the sleeve, allow for the use of a **solid lubricant**.

The gearing adopted for the two hubs is a **corrected profile** and features a **progressive double curvature** achieved by machining the gearing on a **Numerical Control (NC) gear cutting machine**.

The corrected profile gearing of the sleeve, which has a parallel generatrix, is obtained using a **shaping tool**.

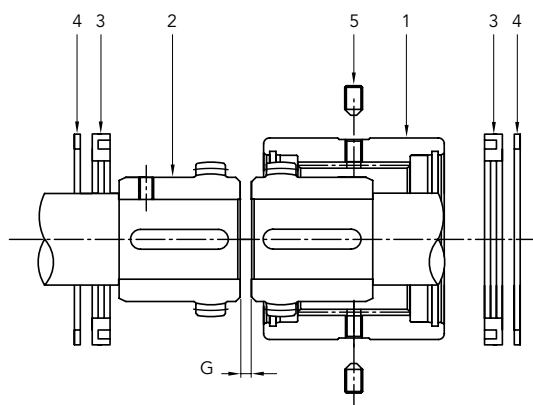
The gearing is produced with **precision category 7**, in accordance with the **DIN 3972** standard, and features a surface finish grade with a roughness not exceeding $Ra = 1.4$ micrometers, thanks to the machining technology adopted.

Both the hubs and the sleeve are made of **quenched and tempered carbon steel** with a tensile strength of 800 N/mm. At the end of the machining phase, the couplings undergo a **thermochemical surface hardening treatment** which guarantees high resistance to **wear and seizing** (or galling) and also imparts high **corrosion resistance** caused by atmospheric agents.

The perfect seal achieved by the gaskets ensures the necessary containment of the lubricant and prevents the penetration of contaminating elements from the outside, thereby contributing to increased **average service life** of the coupling, even if operating in an aggressive environment.

The two toothed bands of the hub are positioned at the maximum distance permitted by the sleeve length. This arrangement ensures a **minimum angular misalignment** for a given parallel misalignment, and it improves the **constant velocity characteristics** of the coupling.

GFA ASSEMBLY INSTRUCTIONS



PRESENTATION

- Insert the stop ring (4) and the sealing ring (2) into the shaft.
- Mount the hubs (2) into their respective shafts.
- The sleeve (1) must be mounted on the longest shaft.
- Position the shafts close together and check that the distance G corresponds to the value indicated in the table.
- Align the shafts and check for parallelism, then tighten the hubs onto the shaft.
- Fill the gearing and the space between the hubs with grease.
- At this point, slide the sleeve (1) down and place the sealing rings (3) in their place, then tighten the stop rings (4) into their seating.
- To disassemble, proceed as follows: remove the stop rings (4) using a pair of pliers, separate the sleeve (1) from the hubs (2), and the GFA coupling is completely disassembled.

MAINTENANCE

Unscrew both plugs (5), then introduce grease using the grease nipple through the greasing holes until the grease comes out of the other hole positioned at 180°. Reposition the plugs. Repeat this operation every 1,000 working hours.

EQUIVALENT RECOMMENDED GREASES ARE AS FOLLOWS:

TYPE	PRODUCER
Sovarex L-O	MOBIL OIL
Gulfrown EP-0	GULF OIL
Alesia EP-2	SHELL

For the lubrication of the couplings, the use of greases is foreseen in a quantity sufficient to achieve a **medium fill**.

For **moderate loads** and **normal operating conditions**, we suggest lithium soap greases with a **mineral base oil** and a consistency index of **2 (according to NLGI)**.

For demanding operating conditions regarding temperature and in the presence of **heavy loads**, use barium complex soap greases, PAO **synthetic base oil**, and a consistency index of **2**.

For extreme operating conditions, please consult the Technical Services of CHIARAVALLI GROUP SpA.

The lubricant, with the suggested formulation and characteristics, can be chosen from the product lines indicated on the side (by consulting the Manufacturer).

N.B.

The technical characteristics, dimensions, and all other data in this catalog are **not binding**. CHIARAVALLI GROUP SpA reserves the right to modify them at any time and without prior notice.

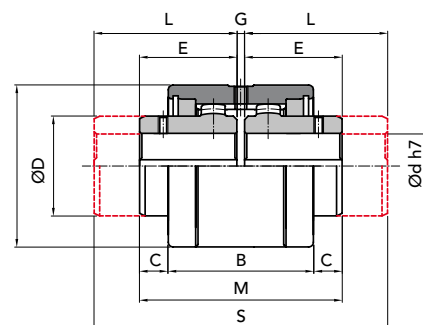


GIFLEX® GFA

MATERIAL

C45 QT EN 10083

39NiCrMo3 QT EN 10083-3



Part number for complete coupling				Part number for simple components			
COUPLING TYPE	P. NUMBER GFA NN	P. NUMBER GFA NL	P. NUMBER GFA LL	SLEEVE	HUB NORMAL	HUB LONG	COMPONENTS TO ASSEMBLED COUPLING
GFA 25	00202502	00202500	00202504	00202510	00202520	00202540	00202560
GFA 32	00203202	00203200	00203204	00203210	00203220	00203240	00203260
GFA 40	00204002	00204000	00204004	00204010	00204020	00204040	00204060
GFA 56	00205602	00205600	00205604	00205610	00205620	00205640	00205660
GFA 63	00206302	00206300	00206304	00206310	00206320	00206340	00206360
GFA 80	00208002	00208000	00208004	00208010	00208020	00208040	00208060
GFA 100	00210002	00210000	00210004	00210010	00210020	00210040	00210060
GFA 125	00212502	00212500	00212504	00212510	00212520	00212540	00212560
GFA 155	00215502	00215500	00215504	00215510	00215520	00215540	00215560

Dimension- weights

COUPLING TYPE	Ød AVAILABLE WITH FINISHED BORE ON DEMAND			FOR NORMAL RANGE HUBS dimension in mm							LONGS HUBS SERIES		SLEEVE	NORMAL HUB	LONG HUB
	Ø bore	max with keyway	max without keyway	B	C	ØD	E	ØF	G	M	L	S	Kg	Kg	Kg
GFA 25	-	25	28	61	12	42	41	68	3	85	60	123	0,72	0,48	0,69
GFA 32	-	32	38	73	13,5	55	48,5	85	3	100	80	163	1,16	0,99	1,62
GFA 40	-	40	48	82	16,5	64	56	95	3	115	80	163	1,7	1,53	2,1
GFA 56	-	56	60	97	21,5	80	68	120	4	140	100	204	2,87	2,94	4,19
GFA 63	-	63	70	108	22,5	100	74,5	140	4	153	119,5	243	3,64	4,86	7,62
GFA 80	-	80	90	125	22,5	125	82,5	175	5	170	140	285	5,4	8,75	14,2
GFA 100	-	100	110	148	34	150	105	198	6	216	174,5	355	6,88	15,68	25,26
GFA 125*	40	125	140	214	39	190	140	245	8	288	207,5	423	17,55	32,56	49,5
GFA 155*	40	155	175	240	64	240	180	300	10	370	245	498	29,3	65,5	91,5

GFA NN



GFA NL



GFA LL



NORMAL HUB



LONG HUB



SLEEVE

IMPORTANT: JOINTS CAN BE ORDERED COMPLETE OR AS INDIVIDUAL COMPONENTS







GIFLEX® GFAS

PRESENTATION

The GIFLEX® GFAS flexible coupling range consists of couplings designed with a compact structure for industrial applications, which are torsionally rigid and capable of compensating for angular, parallel, and combined misalignments.

The special configuration, featuring a one-piece sleeve and seals at both ends, makes the couplings suitable for use in aggressive environments and under particularly demanding operating conditions. Performance aligns with the characteristics of a constant velocity double-cardan joint, intended for use in both general and specific applications, with the possibility of being mounted even on shafts with ample free play (or large clearances).

The operational limits defined by the maximum torque, rotational speed, and permissible angular misalignment are the result of a design based on a targeted selection of materials, heat treatment, and tooth geometry.

The reliability of the declared operational limits has been confirmed by verifying the fatigue limits for both surface pressure (Hertzian pressure) and bending and destructive wear, in accordance with calculation schemes based on the most authoritative international standards.

The Technical Office of CHIARAVALLI GROUP SpA is available to examine problems related to the selection, application, and maintenance of the couplings in collaboration with users.

Upon specific request, special couplings can be offered and manufactured that differ in shape, design, and performance, as an alternative to standard couplings.

For example:

- Couplings designed for high angular and parallel misalignments.
- Couplings made of high-strength steel and with surface case hardening heat treatment.
- Couplings with case-hardened and tempered hubs and gearing finished with machine tools after heat treatment (slotting with a hard metal tool).
- Special couplings manufactured according to drawing.

FEATURES

GFAS compact coupling range consists of two toothed hubs and a one-piece external connecting sleeve. The retention of the lubricant inside the coupling is ensured by two O-ring seals (or ring seals), arranged at both ends of the sleeve and held in position by elastic washers (Seeger rings/snap rings). Two threaded pins, arranged radially and opposite each other on the sleeve, allow for the use of a solid lubricant. The gearing adopted for the two hubs is a corrected profile and features a progressive double curvature achieved by machining the gearing on a Numerical Control (NC) gear cutting machine. The corrected profile gearing of the sleeve, which has a parallel generatrix, is obtained using a shaping tool. The gearing is produced with precision category 7, in accordance with the DIN 3972 standard, and features a surface finish grade with a surface roughness not exceeding $R_a = 1.4$ micrometers, thanks to the machining technology adopted. Both the hubs and the sleeve are made of quenched and tempered carbon steel with a tensile strength of 800 N/mm. At the end of the machining phase, the couplings undergo a thermochemical surface hardening treatment which guarantees high resistance to wear and seizing (or galling) and also imparts high corrosion resistance caused by atmospheric agents. The perfect seal achieved by the gaskets ensures the necessary lubricant containment and prevents the penetration of contaminating elements from the outside, thereby contributing to increased average service life of the coupling, even if operating in an aggressive environment.

The two toothed bands of the hub are positioned at the maximum distance permitted by the sleeve length. This arrangement ensures a **minimum angular misalignment** for a given parallel misalignment, and it improves the **constant velocity characteristics** of the coupling.

COUPLING SELECTION AND SIZING CRITERIA

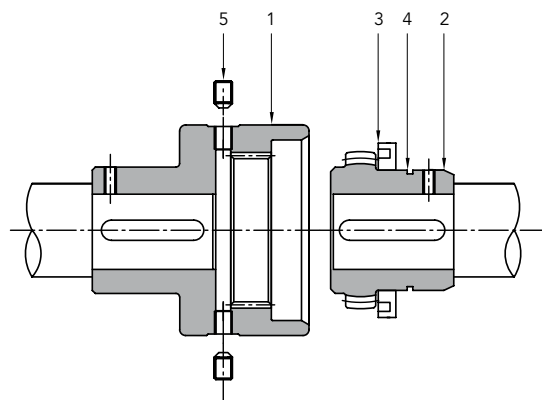
The satisfactory operation and service life of flexible gear couplings depend on the correct selection of the couplings, as well as the compatibility of the operating conditions with the performance provided by the coupling. It is therefore essential to highlight the limit performance of the couplings and clarify the actions of external loads that are exerted on the corresponding couplings. The basic design ensures that all couplings are capable of compensating for a static or mounting angular misalignment equal to 1 degree, thanks to the minimum manufacturing tolerance between the teeth. The dynamic or operating angular misalignment must never exceed 0.5 degrees, although the recommended values should not exceed 0.25 degrees. The declared nominal torque values and the indicated maximum rotational speeds refer to an angular or composite misalignment that does not exceed 1/12 of a degree (5 arc minutes). The "exceptional" torque values that can be supported transiently and during acceleration phases must not be exerted for more than 10–15 seconds and must not occur more than 5 events per hour. Fatigue lives are calculated for a conventional limit of 50 million cycles, considering two load cycles for every revolution of the coupling. Misalignments exceeding 1/8 of a degree (7.5 arc minutes) penalize by decreasing the nominal torque and the maximum rotational speed declared for the individual couplings.

The coupling's performance in terms of torque, limiting speed, and service life will decrease or increase compared to the declared values in the event of operating conditions different from those specified above, or for **"fixed-term" durations**.

The design data have been tested to guarantee a reasonable **safety margin**. The declared performance characteristics are therefore to be considered valid for a service factor equal to 1.

The use of the prescribed lubricants and compliance with the recommended **renewal time intervals** represent the prerequisites for achieving the performance described in the catalog. The Technical Office of CHIARAVALLI GROUP SpA is available to users to provide consultancy in selecting the most suitable coupling type for the actual operating conditions and to provide recommendations in relation to special operating conditions.

GFAS ASSEMBLY INSTRUCTIONS



GF AS ASSEMBLY

- A) The seal ring (3) and stop ring (4) are already fitted on the extractable hub (2).
- B) Assembly in closed cone mode only requires the sleeve
 - (1) to be fixed onto one shaft and the extractable hub
 - (2) to be tightened on the other shaft.
- C) Then arrange the shafts to be connected closely together, positioning the hub (2) over the sleeve (1).
- D) To disassemble, separate the shafts then extract the hub (2) from the sleeve (1).

EQUIVALENT RECOMMENDED GREASES ARE AS FOLLOWS:

TYPE	PRODUCER
Sovarex L-O	MOBIL OIL
Gulfrown EP-O	GULF OIL
Alesia EP-2	SHELL OIL

Couplings require lubrication with grease, the quantity of grease used should half fill the available gap.

Use of Lithium soap grease with a base mineral oil and consistency index 2 (in compliance with NLGI) is recommended for moderate loads and normal operating conditions.

Use Barium complex soap grease, PAO synthetic base oil and consistency index 2 for heavy-duty operating conditions as regards temperatures and with heavy loads.

Contact the CHIARAVALLI GROUP SpA Technical Department for extreme operating conditions.

The lubricant complying with the formulation and with the recommended characteristics can be selected from among the range of products indicated below by consulting the Producer.

N.B.

The technical characteristics, the dimensions and all other data contained in this catalogue are not binding.

CHIARAVALLI GROUP SpA reserves the right to change the measurements indicated at any time and without notice.

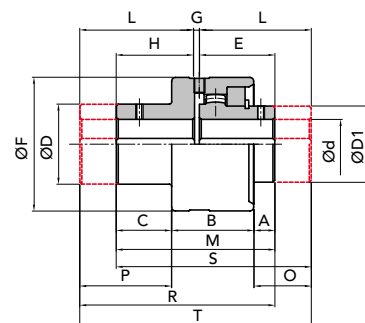


GIFLEX® GFAS

DESIGN B
ONE PIECE

DESIGN C
TWO PIECES

MATERIAL
MAT C45 + E-COATING



Part number for complete coupling					Part number for simple components				
COUPLING TYPE	P. NUMBER GFAS NN	P. NUMBER GFAS NL	P. NUMBER GFAS LN	P. NUMBER GFAS LL	NORMAL SLEEVE	LONG SLEEVE	NORMAL HUB	LONG HUB	COMPONENTS TO ASSEMBLED COUPLING
GFAS 25	00302502	00302500	00302506	00302504	00302510	00302511	00302520	00302540	00302560
GFAS 32	00303202	00303200	00303206	00303204	00303210	00303211	00303220	00303240	00303260
GFAS 40	00304002	00304000	00304006	00304004	00304010	00304011	00304020	00304040	00304060
GFAS 56	00305602	00305600	00305606	00305604	00305610	00305611	00305620	00305640	00305660
GFAS 63	00306302	00306300	00306306	00306304	00306310	00306311	00306320	00306340	00306360
GFAS 80	00308002	00308000	00308006	00308004	00308010	00308011	00308020	00308040	00308060
GFAS 100	00310002	00310000	00310006	00310004	00310010	00310011	00310020	00310040	00310060

Dimension- weights																							
COUPLING TYPE	Ød AVAILABLE WITH FINISHED BORE ON DEMAND			NORMAL SERIES										LONGS SERIES						NORMAL SLEEVE	LONG SLEEVE	NORMAL HUB	LONG HUB
	Ø bore	max with keyway	max without keyway	A	B	C	ØD	D1	E	ØF	G	H	M	I	L	O	R	S	T	Kg	Kg	Kg	Kg
GFAS 25	-	25	28	13	43	29	42	40	41	70	3	41	85	60	60	32	104	104	123	1,01	1,22	0,48	0,64
GFAS 32	-	32	38	16	49	35	55	55	48,5	85	3	48,5	100	80	80	47,5	131,5	131,5	163	1,75	2,32	0,99	1,57
GFAS 40	-	40	48	18,5	54,5	42	64	64	56	95	3	56	115	80	80	42,5	139	139	163	2,65	3,4	1,53	2,09
GFAS 56	-	56	60	27	60	45	80	80	68	120	4	60	132	100	100	59	172	164	204	4,39	5,94	2,94	4,18
GFAS 63	-	63	70	31	63	46	100	100	74,5	140	4	61,5	140	119,5	119,5	76	198	185	243	6,45	10	4,86	7,61
GFAS 80	-	80	90	26	76	51	125	125	82,5	175	5	65,5	153	138	140	83,5	225,5	210,5	283	10,5	17,5	8,75	14,15
GFAS 100	-	100	110	38	92	71	150	150	105	198	6	90	201	162	174,5	107,5	273	270,5	342,5	17,57	27,42	15,68	25,22

mat.C45 QT EN 10083

GFAS NN		GFAS NL		GFAS LL		GFAS LN	
NORMAL HUB		LONG HUB		NORMAL BELL		LONG BELL	

IMPORTANT: JOINTS CAN BE ORDERED COMPLETE OR AS INDIVIDUAL COMPONENTS



Friction torque limiters



FRICION TORQUE LIMITERS

INTRODUCTION

The **torque limiter** is used wherever there is a need for **overload protection** on mechanical components (kinematic mechanisms or machinery).

The device, which is simple and effective to use, offers full operational reliability when the required torque exceeds the **pre-set value**, and it **automatically re-engages** when the overload ceases.

The chosen mechanical element among **pulleys, chain sprockets, and gears** is placed between the **friction discs** which, when tightened by the compression of the **disc springs (or cup springs)**, generate a friction force determined by the tightening of the **locknut (or ring nut)**.

TORQUE LIMITER SELECTION:

T_{kw} = Power in kW

n = revolutions per minute (rpm)

M_t = Torque (Nm)

The torque is given by the relation:

$$M_t = \frac{9550 \times T_{kw}}{n}$$

Example:

Let's assume we are driving a motor with the following characteristics:

Power 4 kW and $n = 1.550$ rpm

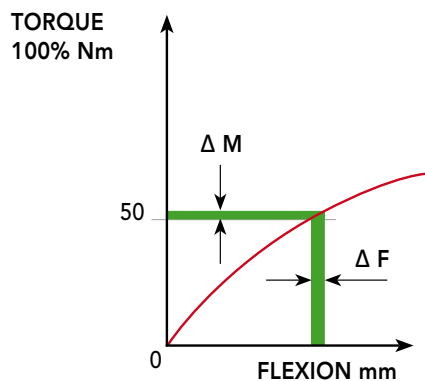
$$M_t = \frac{9550 \times 4}{1550} = 24.64 \text{ Nm}$$

Therefore, we will select a limiter with a torque equal to or greater than 24.64 Nm

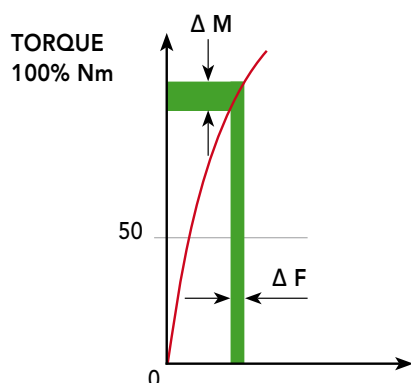
SCHEME OF THE BELLEVILLE SPRINGS DIN 2093



1 SPRING



2 SPRINGS

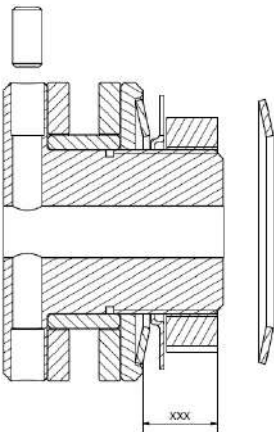
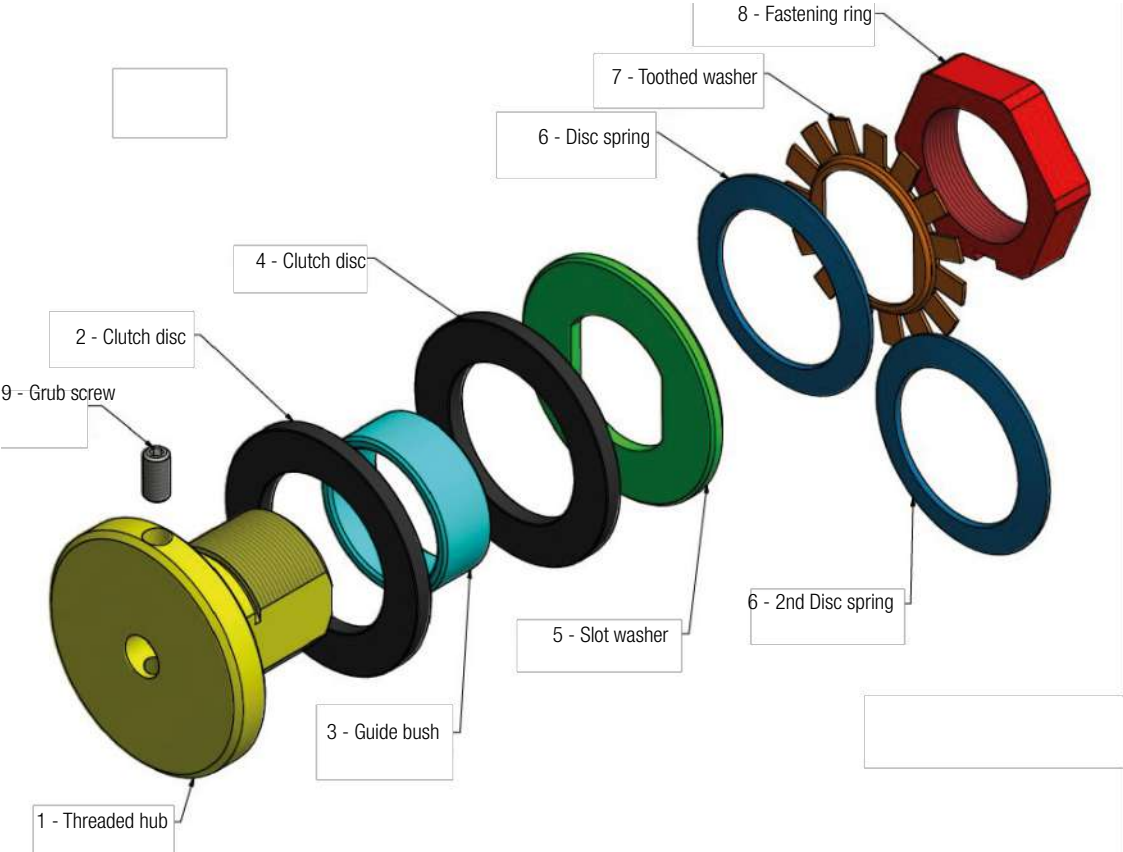




MOUNTING INSTRUCTIONS LC 40 - 50

USE WITH ONE OR TWO SPRINGS

For the assembly follow the numbering as shown



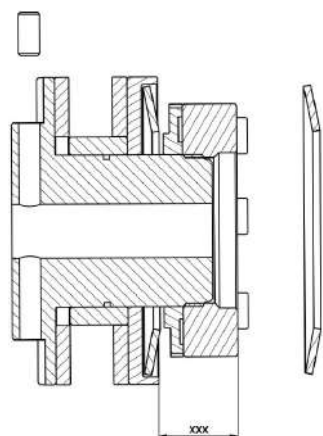
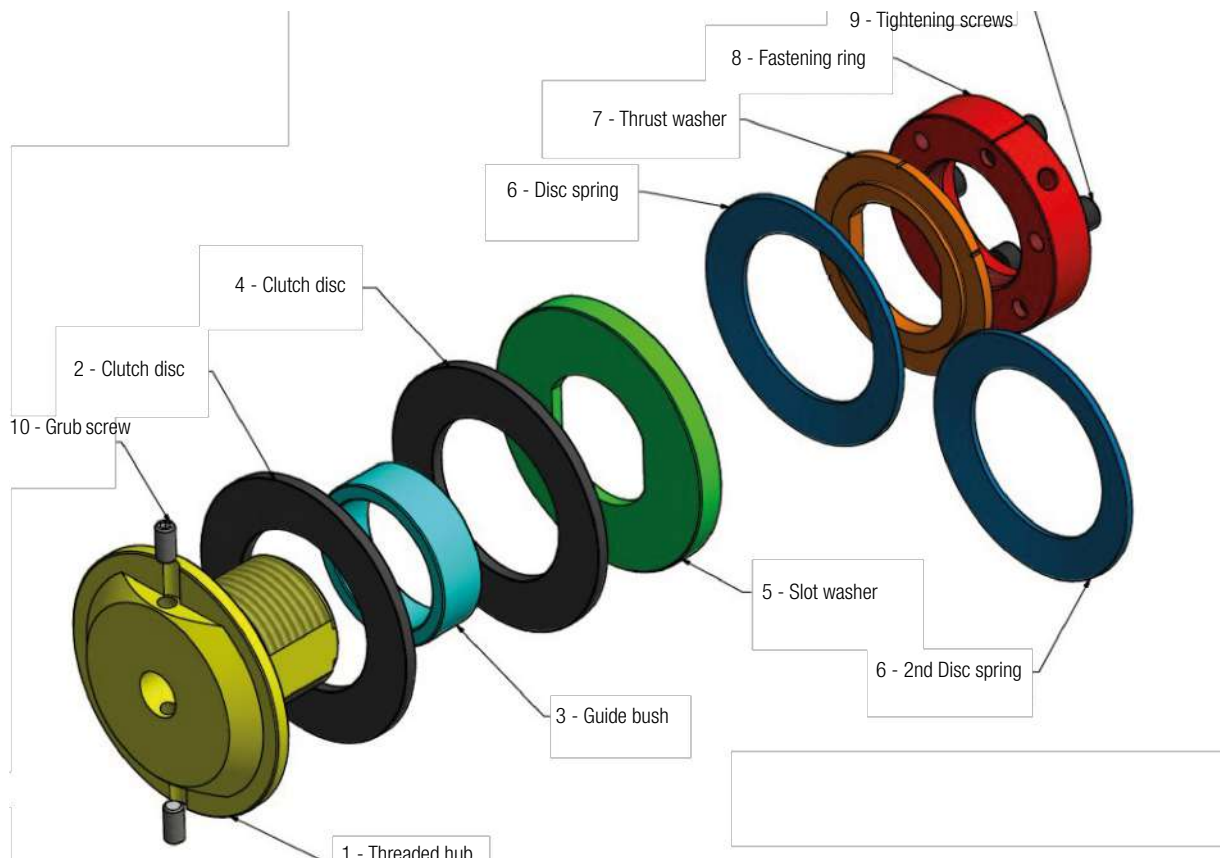
TYPE	TORQUE N/m	SPRINGS	R mm
LC 40	15	1	0,59
	28	2	0,53
LC 50	32	1	0,72
	60	2	0,57

Manually tghten the nut until closing (xxx). To get the maximum torque use the wrench to tighten further (xxx-R). The ring nut is held in position by tightening screws.

MOUNTING INSTRUCTIONS LC 65-85-95-120-140-170

USE WITH ONE OR TWO SPRINGS

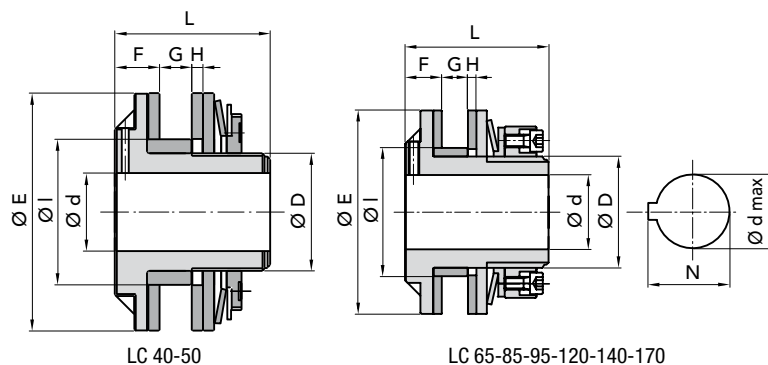
For the assembly follow the numbering as shown



TYPE	TORQUE N/m	SPRINGS	R mm
LC 65	70	1	0,65
	120	2	0,55
LC85	130	1	1,65
	240	2	1,35
LC 95	190	1	1,15
	340	2	0,95
LC 120	350	1	2
	650	2	1,75
LC 140	650	1	2,1
	1200	2	1,85
LC 170	1000	1	2,3
	1800	2	1,95



FRICTION TORQUE LIMITERS



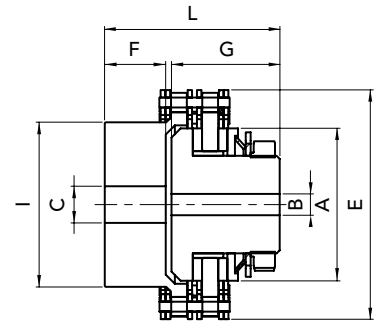
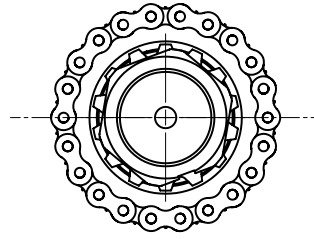
example																			
TYPE	LIMITER PART NUMBER	DISHED PLATE SPRING PART NUMBER	DISK FRICTION PART NUMBER	PART NUMBER BUSHING									MAX. BORE KEYWAY DIN 6885/1 on request	MAX. TORQUE	N° OF SPRINGS	SPROCKETS FOR CHAIN (u) = 1,6 : 2		WEIGHT	
					ØE	ØIh8	Ød	F	G	H	ØD	L	Ød max	N	N/m	DIN2093	Ø pitch for roller	N° teeth	Kg.
LC 40	08040000	08040050	08040020	08040030	40	26	7	9	6	3	22	30	14	16,3	15	1	3/8" x 6,65	18-21	0,190
															28	2	1/2" x 8,51	15	0,195
LC 50	08050000	08050050	08050020	08050030	50	35	7	10	6	3	32	35,5	20	22,8	30	1	3/8"x6,65	19-23	0,365
															55	2	1/2" x 8,51	17	0,370
LC 40	08040000	08040050	08040020	08040030	40	26	7	9	6	3	22	30	14	16,3	15	1	3/8" x 6,65	18-21	0,190
															28	2	1/2" x 8,51	15	0,195
LC 65	08065000	08065050	08065020	08065030	65	45	10	16	9	4	36	53	22	24,8	70	1	3/8"x6,65	27	0,750
															55	2	1/2"x8,51	21	0,800
LC 85	08085000	08085050	08085020	08085030	85	52	15	16	11	4	45	59	25	28,3	130	1	3/8" x 6,65	38	1,470
															240	2	1/2" x 8,51	25	1,480
LC 95	08095000	08095050	08095020	08095030	95	60	15	17	11	4	52	67	35	38,3	190	1	5/8" x 10,16	30	2,160
															340	2	1/2" x 8,51	25	2,170
LC 120	08120000	08120050	08120020	08120030	120	73	20	19	16	4	64	78	45	48,8	350	1	5/8" x 10,16	32	4,000
															650	2	3/4" x 12,07	25	4,100
LC 140	08140000	08140050	08140020	08140030	140	90	20	22	17	4	85	86,5	60	64,4	650	1	1" x 15,88	21	5,900
															1200	2	3/4" x 12,07	21	6,000
LC 170	08170000	08170050	08170020	08170030	170	100	28	25.5	18.5	4.5	90	94	65	69.4	1000	1	1" x 15,88	35	9,200
															1800	2	1" x 15,88	25	9,400
																	1" 1/4 x 19,05	22	

Pay attention. You are strongly advised to use the torque limiters of the series LC Cleaning, checking carefully that products or oily liquids in general do not reach in any way the friction materials in order to not cause a sudden and inevitable performance degradation.
Adjust the guide bush according to their needs. The clutch plates are constituted by abstructure that is absolutely free of asbestos.

The CHIARAVALLI limiter is assembled with a single spring.
The second spring is also present in the KIT.



TORQUE LIMITERS WITH CHAIN COUPLING LCG

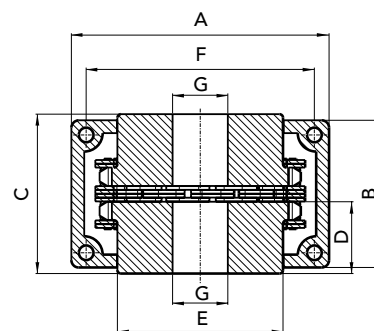


TYPE	PART NUMBER	MAX. TORQUE	N° SPRINGS	A	B	B	C	C	E	F	G	I	L	DIS.		CHAIN PITCH	Z	WEIGHT
						max.		max.						mm	ang.		teeth	Kg.
LCG 50	08050000	30 55	1 2	50	7	20	12	30	75,19	20	35	45	57	0,20	30°	3/8 X 7/32"	22	1,000 1,005
LCG 65	08065000	70 120	1 2	65	10	22	16	35	97,03	33	50	65	85	0,25	30°	1/2" X 5/16"	21	2,500 2,550
LCG 85	08085000	130 240	1 2	85	15	25	20	45	121,25	36	55	85	94	0,30	30°	5/8" X 3/8"	21	4,300 4,300
LCG 95	08095000	190 340	1 2	95	15	35	20	55	131,88	38	67	95	108	0,35	30°	3/4" X 7/16"	19	6,000 6,010
LCG 120	08120000	350 650	1 2	120	20	45	20	60	168,13	47	78	120	128	0,35	30°	3/4" X 7/16"	25	11,000 11,100
LCG 140	08140000	650 1200	1 2	140	20	60	30	65	191,51	54	86	130	145	0,40	30°	1" X 17 mm	21	18,000 18,100
LCG 170	08170000	1000 1800	1 2	170	28	65	30	75	223,74	84	95	130	184	0,50	30°	1" X 17 mm	25	27,000 27,200

LC Torque limiter connected to the coaxial pinion hub through a double chain.
Easy adjustment of desired torque through lock nut.
The two friction elements dished clutch are burnished.



CHAIN COUPLING WITH KC COVER



TYPE	PART NUMBER	CHAIN PITCH	A	B	C	D	E	G	G	Nm	WEIGHT
									max.		Kg.
KC 3012	KC3012	ASA 35-2	69	63	65	29,5	27,2	12	16	150	0,50
KC 4012	KC4012	ASA 40-2	77	72	79,4	36	33	12	22	210	1,00
KC 4014	KC4014	ASA 40-2	84	75	79,4	36	43	12	28	300	1,40
KC 4016	KC4016	ASA 40-2	92	74	86,2	40	48	14,5	32	380	1,80
KC 5014	KC5014	ASA 50-2	101	84	98,6	45	53	14,0	35	550	2,50
KC 5016	KC5016	ASA 50-2	110	84	98,6	45	60	16,0	40	725	3,20
KC 5018	KC5018	ASA 50-2	122	84	98,6	45	70,0	16	45	925	4,00
KC 6018	KC6018	ASA 60-2	147	105	122,2	56	85,0	20	55	1750	7,20
KC 6020	KC6020	ASA 60-2	158	105	122,2	56	98,0	20	60	2050	9,50
KC 6022	KC6022	ASA 60-2	168	116	122,2	56	110	20	75	2400	11,3
KC 8018	KC8018	ASA 80-2	190	120	139,3	63	110	20	75	3800	14,7
KC 8020	KC8020	ASA 80-2	210	137	143,3	65	121	20	80	4700	18,2
KC 8022	KC8022	ASA 80-2	226	137	155,3	71	140	20	90	5500	23,3
KC 10020	KC10020	ASA 100-2	281	153	178,8	80	160	25	110	8700	36,0
KC 12018	KC12018	ASA 120-2	307	181	202,3	90	170	35	120	13250	49,0
KC 12022	KC12022	ASA 120-2	357	181	222,3	100	210	35	150	17800	77,0

Suitable to connect two shafts in axis

With hardened sprockets

Provided with full cover, seals and O-ring for the protection from external contamination and also for an eventual lubrication of the coupling with grease.





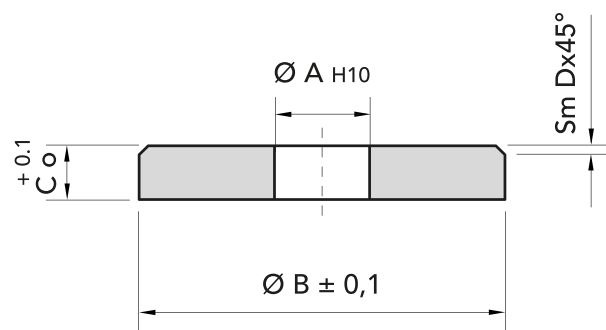
Collars and Washers

Index

- 400 **HIGH THICKNESS TURNED WASHERS**
- 401 **CONICAL TURNED WASHERS**
- 401 **TURNED WASHERS** FOR ROD ENDS
- 402 COLLARS **IN COMPLIANCE WITH DIN 705 C-ABU**
- 402 COLLARS **C-AB**
- 403 CLAMPING COLLARS **WITH OPEN RING C-ADB**

**C-RGS**

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED

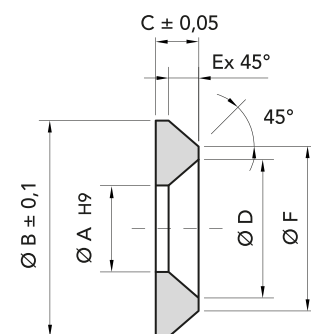


TYPE	PART NUMBER		Ø A	Ø B	C	D	PACKAGES FROM	Kg
	PHOSPHATED	GALVANISED						
C-RGS 3-10	26100310P	26200310P	3,2	10	2	0,5	50	0,10
C-RGS 4-10	26100410P	26200310P	4,2	10	2	0,5	50	0,10
C-RGS 4-15	26100415P	26200415P	4,2	15	3	0,5	50	0,15
C-RGS 5-15	26100515P	26200515P	5,2	15	3	0,5	50	0,15
C-RGS 5-20	26100520P	26200520P	5,2	20	3	0,5	50	0,45
C-RGS 5-25	26100525P	26200525P	5,2	25	4	1	50	0,70
C-RGS 5-30	26100530P	26200530P	5,2	30	4	1	50	1,35
C-RGS 6-15	26100615P	26200615P	6,2	15	3	0,5	50	0,12
C-RGS 6-20	26100620P	26200620P	6,2	20	3	0,5	50	0,40
C-RGS 6-25	26100625P	26200625P	6,2	25	4	1	50	0,80
C-RGS 6-30	26100630P	26200630P	6,2	30	4	1	50	1,05
C-RGS 6-35	26100635P	26200635P	6,2	35	5	1	50	1,85
C-RGS 6-40	26100640P	26200640P	6,5	40	5	1	50	2,35
C-RGS 8-20	26100820P	26200820P	8,5	20	4	0,5	25	0,35
C-RGS 8-25	26100825P	26200825P	8,5	25	4	1	25	0,70
C-RGS 8-30	26100830P	26200830P	8,5	30	4	1	25	1,00
C-RGS 8-35	26100835P	26200835P	8,5	35	5	1	25	1,80
C-RGS 8-40	26100840P	26200840P	8,5	40	5	1	25	2,30
C-RGS 8-45	26100845P	26200845P	8,5	45	5	2	25	2,90
C-RGS 8-50	26100850P	26200850P	8,5	50	6	2	25	4,15
C-RGS 10-25	26101025P	26201025P	10,5	25	4	1	25	2,00
C-RGS 10-35	26101035P	26201035P	10,5	35	5	1	25	1,60
C-RGS 10-40	26101040P	26201040P	10,5	40	5	1	25	2,25
C-RGS 10-45	26101045P	26201045P	10,5	45	5	2	25	2,65
C-RGS 10-50	26101050P	26201050P	10,5	50	6	2	25	4,10
C-RGS 12-50	26101250P	26201250P	12,5	50	6	2	25	4,60



C-RC

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED

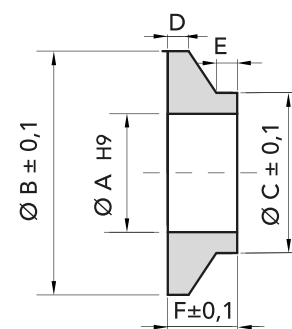


TYPE	PART NUMBER		Ø A	Ø B	C	Ø D	E	Ø F	PACKAGES FROM	Kg
	PHOSPHATED	GALVANISED								
C-RC 4	26300004P	26400004P	4,1	13	3	8	2,1x45°	8,8	50	0,12
C-RC 5	26300005P	26400005P	5,2	16	3,5	10	2,6x45°	10,8	50	0,15
C-RC 6	26300006P	26400006P	6,5	18	3,5	12	2,1x45°	13,8	50	0,24
C-RC 8	26300008P	26400008P	8,5	25	5	16,5	3,5x45°	18	50	0,36
C-RC 10	26300010P	26400010P	10,5	33	7	20,5	6x45°	21	50	0,75
C-RC 12	26300012P	26400012P	12,5	40	8	24,5	7x45°	26	50	1,50

TURNED WASHERS FOR ROD ENDS

C-RS

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED

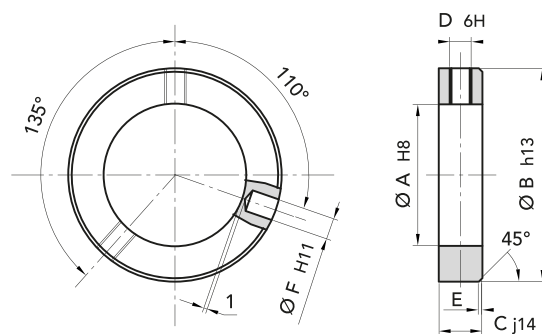


TYPE	PART NUMBER		Ø A	Ø B	C	Ø D	E	Ø F	PACKAGES FROM	Kg
	PHOSPHATED	GALVANISED								
C-RS 6	26500006P	26600006P	6,5	15	9	1,5	1	4	50	0,15
C-RS 8	26500008P	26600008P	8,5	22	12	1,5	2	6,5	50	0,27
C-RS 10	26500010P	26600010P	10,5	22	14	1,5	3	6,5	50	0,40



C-ABU

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED
INOX AISI 304

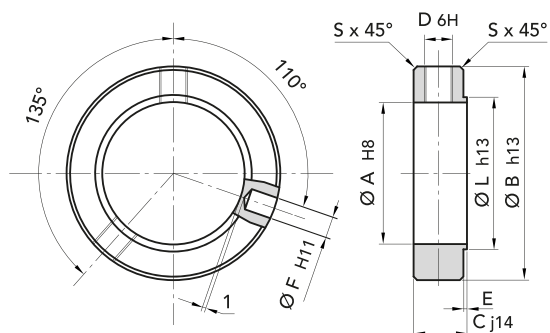


TYPE	PART NUMBER			Ø A	Ø B	C	Ø D	E	Ø F	PACKAGES FROM			Kg
	PHOSPHATED	GALVANISED	INOX							INOX	INOX (KG)	PHOSP. - GALV.	
C-ABU 6	27100006P	27200006P	27700006P	6	12	8	M4	0,8	1,5	10		25	0,12
C-ABU 8	27100008P	27200008P	27700008P	8	16	8	M4	0,8	2	10		25	0,21
C-ABU 10	27100010P	27200010P	27700010P	10	20	10	M5	1	3	10		25	0,40
C-ABU 12	27100012P	27200012P	27700012P	12	22	12	M6	1,2	4	10		25	0,55
C-ABU 14	27100014P	27200014P		14	25	12	M6	1,2	4	-		25	0,70
C-ABU 15	27100015P	27200015P	27700015P	15	25	12	M6	1,2	4	5		20	0,52
C-ABU 16	27100016P	27200016P	27700016P	16	28	12	M6	1,2	4	5		20	0,70
C-ABU 17	27100017P	27200017P	27700017P	17	28	12	M6	1,2	4	5		20	3,00
C-ABU 18	27100018P	27200018P		18	32	14	M6	1,4	5	-		20	5,40
C-ABU 20	27100020P	27200020P	27700020P	20	32	14	M6	1,4	5	5		20	4,80
C-ABU 25	27100025P	27200025P	27700025P	25	40	16	M8	1,6	6	5		20	4,25
C-ABU 30	27100030P	27200030P	27700030P	30	45	16	M8	1,6	6	2		10	5,00
C-ABU 35	27100035P	27200035P	27700035P	35	56	16	M8	1,6	8	2		10	8,60
C-ABU 40	27100040P	27200040P	27700040P	40	63	18	M10	1,8	8	2		10	12,00
C-ABU 45	27100045P	27200045P		45	70	18	M10	1,8	8	-		10	13,50
C-ABU 50	27100050	27200050	27700050	50	80	18	M10	1,8	10	-		-	22,00
C-ABU 60	27100060	27200060	-	60	90	20	M10	2	10	-		-	26,40
C-ABU 70	27100070	27200070	-	70	100	20	M10	2	10	-		-	28,75

COLLARS C-AB

C-AB

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED

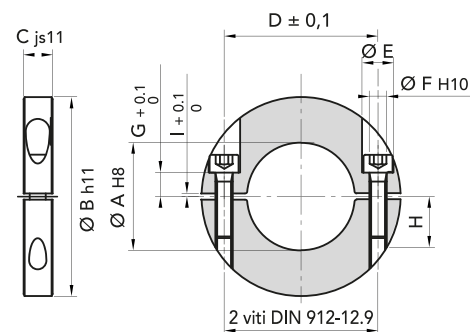


TYPE	PART NUMBER		Ø A	Ø B	C	Ø D	E	Ø F	Ø L	S	PACKAGES FROM	Kg
	PHOSPHATED	GALVANISED										
C-AB 6	27300006P	27400006P	6	12	8	M4	0,6	1,5	8	0,3	30	0,06
C-AB 8	27300008P	27400008P	8	16	8	M4	0,8	2	10	0,3	30	0,24
C-AB 10	27300010P	27400010P	10	20	10	M5	0,8	3	13	0,3	30	0,36
C-AB 12	27300012P	27400012P	12	22	12	M5	0,8	4	15	0,5	30	0,42
C-AB 15	27300015P	27400015P	15	25	12	M6	1	4	18	0,6	25	0,63
C-AB 17	27300017P	27400017P	17	28	12	M6	1	4	20	0,6	25	0,72
C-AB 20	27300020P	27400020P	20	32	14	M6	1	5	24	0,8	25	1,44
C-AB 25	27300025P	27400025P	25	40	16	M6	1	6	29	0,8	25	2,61
C-AB 30	27300030P	27400030P	30	45	16	M8	1,2	6	34	1	15	2,10
C-AB 35	27300035P	27400035P	35	56	16	M8	1,2	8	39	1	15	4,92
C-AB 40	27300040P	27400040P	40	63	18	M10	1,2	8	44	1	15	7,50



C-ADB

MATERIAL
C 45 UNI 7845
PHOSPHATED
GALVANISED



TYPE	PART NUMBER		Ø A	Ø B	C	Ø D	Ø E	Ø F	G	H	I	Screws	PACKAGES FROM	Kg
	PHOSPHATED	GALVANISED												
C-ADB 8	27500008P	27600008P	8	25	10	15	8	4,5	5	15	1,4	M4x15	20	0,40
C-ADB 10	27500010P	27600010P	10	32	10	20	8	4,5	5	15	1,4	M4x15	20	0,57
C-ADB 12	27500012P	27600012P	12	32	10	20	8	4,5	5	15	2	M4x15	20	0,60
C-ADB 15	27500015P	27600015P	15	40	12	25	10	5,5	7	18	2	M5x20	20	1,00
C-ADB 18	27500018P	27600018P	18	45	12	30	10	5,5	7	18	2	M5x20	15	1,25
C-ADB 20	27500020P	27600020P	20	45	12	30	10	5,5	7	18	2	M5x20	15	1,20
C-ADB 24	27500024P	27600024P	24	50	12	36	10	5,5	7	18	2	M5x20	15	1,42
C-ADB 25	27500025P	27600025P	25	50	12	36	10	5,5	7	18	2	M5x20	15	1,41
C-ADB 28	27500028P	27600028P	28	56	12	42	10	5,5	7	18	2	M5x20	10	1,74
C-ADB 30	27500030P	27600030P	30	56	12	42	10	5,5	7	18	2	M5x20	10	1,65
C-ADB 32	27500032P	27600032P	32	56	12	42	10	5,5	7	18	2	M5x20	10	1,60
C-ADB 35	27500035P	27600035P	35	63	12	48	10	5,5	7	18	2	M5x20	10	2,03
C-ADB 38	27500038P	27600038P	38	63	12	48	10	5,5	7	18	2	M5x20	10	2,00
C-ADB 40	27500040P	27600040P	40	70	14	55	11	6,5	7	18	2	M6x20	10	2,84
C-ADB 45	27500045P	27600045P	45	80	14	65	11	6,5	7	18	2	M6x20	5	1,90
C-ADB 50	27500050P	27600050P	50	80	14	65	11	6,5	7	18	2	M6x20	5	1,75
C-ADB 60	27500060P	27600060P	60	100	16	80	14	8,5	7	18	2	M8x20	5	3,15
C-ADB 70	27500070P	27600070P	70	110	20	88	17	11	8,5	22	3	M10x25	5	4,40
C-ADB 80	27500080P	27600080P	80	125	20	100	17	11	8,5	22	3	M10x25	5	5,65

Housing Bearing units

Index

406	CH-HBU® BEARING UNITS
428	FSB® BEARING UNITS
442	THERMOPLASTIC FSB® BEARING UNITS
446	FSB® BEARING
452	STAINLESS STEEL FSB® BEARING
455	ADAPTER SLEEVE FSB® BEARING
456	COVERS FSB® BEARING
456	SEALS THERMOPLASTIC FSB® BEARING
458	RCM® BEARING-BLOCKS



CH-HBU[®] BEARING UNITS

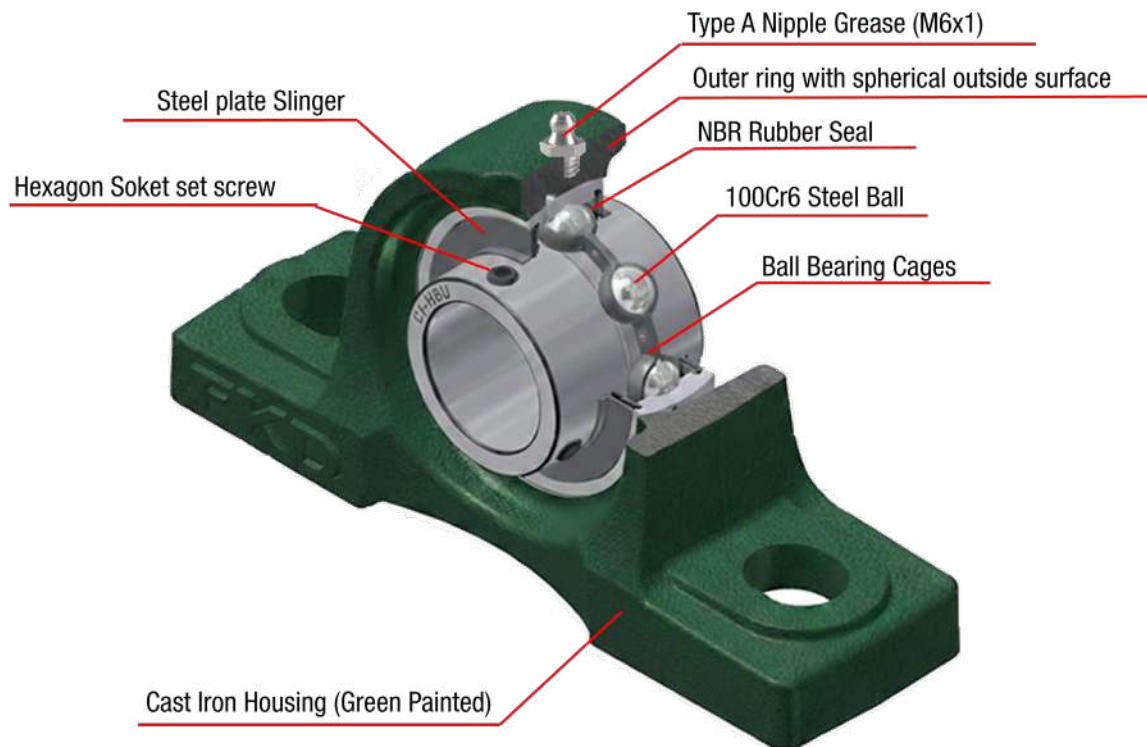
The new Housing Bearing Unit branded by Chiavalli Group (**CH-HBU[®]**) has been developed to deliver reliable and cost-effective performance without compromising functionality. This product is the ideal solution for companies requiring solid and proven mounting solutions, with a focus on containing both maintenance and purchasing costs.

CH-HBU TECHNICAL FEATURES

These housings combine robust materials with an essential design to ensure maximum efficiency in standard applications:

- **Standard Material:** The housing body is made from cast iron, which ensures the reliability, rigidity and excellent vibration dampening capacity required in industrial machinery.
- **Self-Aligning Bearing:** They use standard ball bearings with a spherical outer ring. This allows for self-alignment, simplifying installation and compensating for minor initial shaft misalignments.
- **Effective Seals:** They are equipped with standard lip seals to protect the lubricant (grease) from dust and contaminants, ensuring longer service life.

The new **CH-HBU[®]** housing bearing line is also available, upon request, with an external body made of **pressed steel plate** (or **stamped steel sheet**).



ADVANTAGES

This line has been optimized with a good price-quality ratio, offering concrete benefits:

- **Cost Optimization:** The main advantage is the significant reduction in purchasing and inventory costs, making them perfect for high-volume needs and budget-conscious production lines.
- **Ease of Maintenance:** The standard design and the potential inclusion of grease fittings (on cast iron models) make maintenance fast and economical.
- **Proven Reliability:** Despite being economical, they are based on industry-standard designs, which are widely proven for use in general applications.

RECOMMENDED APPLICATIONS

CH-HBU[®] are the perfect choice for moderate load and standard speed applications in the general manufacturing industry:

- Conveyor Systems and Mobile Belts
- Light Agricultural Machinery
- Industrial Fans and Blowers
- General Material Handling Equipment

By choosing our **CH-HBU[®]** line, you invest in a reliable and functional product capable of keeping operating costs contained.



CH-HBU® BEARING UNITS LUBRICANT

CH-HBU® bearing units are lubricated with grease that maintains its characteristics over time in order to ensure a reduced friction between steel balls, ball raceways and ball cages.

A correct lubrication allows to reduce, within certain limits, noise during operation and ensures corrosion protection for the bearings.

The lubricant used is a lithium-based lubricating grease No. 2 as defined in the GB/T 7324 (ISO 6743-9) standard and is applied to the ball bearings (with spherical outer surface) during the manufacturing phase.

The physical and chemical properties of the grease used are reported in Table 1.

Table 1: Physical and chemical grease properties.

Properties	Values	Measurement unit
Drop point	≥ 175	°C
Penetration at 25°C (Idle condition)	265 – 295	(1/10 mm)
Mechanical impurities	10-25 µm → ≤ 5000 25-75 µm → ≤ 3000 75-125 µm → ≤ 500 >125 → 0	(pc/cm³)

CH-HBU® BEARING UNITS RELUBRICATION

CH-HBU® bearing units cast iron versions are supplied with a dedicated grease fitting, which allows for the periodic bearing relubrication.

In the below table are reported the recommended relubrication intervals based on the different working conditions.

Table 2: Recommended intervals for adding grease to bearings.

Operating Conditions	Operating Temperatures °C	Relubrication Intervals	
		Dn < 5000	Dn ≥ 5000
Very Clean	<50	No additional lubrication	1.5 Years
	50 – 70	1 Year	6 - 12 Months
	70 – 100	4 - 8 Months	1 - 3 Months
	> 100	2 - 4 Weeks	1 - 2 Weeks
Slightly Dirty	<50	1.5 Years	6 - 12 Months
	50 – 70	4 - 8 Months	2 - 4 Months
	70 – 100	3 - 6 Weeks	2 - 4 Weeks
	> 100	1 - 2 Weeks	Every Week
Dirty	< 70	1 - 2 Months	3 - 6 Weeks
	70 – 100	2 - 4 Weeks	1 - 2 Weeks
	> 100	1 - 7 Days	1 - 3 Days
Dirty and Dusty		1 - 3 Days	Every Day

Where:

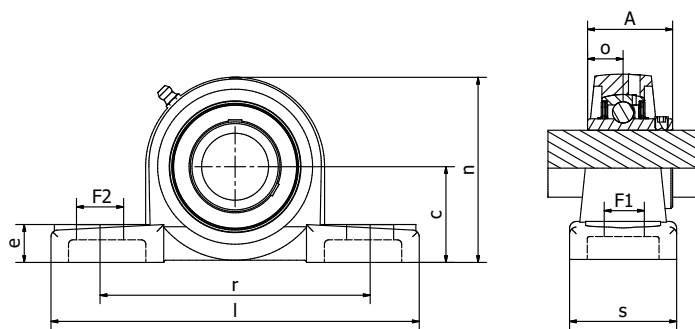
Dn: Shaft diameter value (mm) multiplied by speed (rpm).

CH-HBU[®] BEARING UNITS MATCHING TABLE

BEARINGS HOUSINGS	UC 	UK 	SA 	SB 
 P	UCP	UKP	SAP	SBP
 F	UCF	UKF	SAF	SBF
 FL	UCFL	UKFL	SAFL	SBFL
 T	UCT	UKT	SAT	SBT
 FC	UCFC	UKFC	SAFC	SBFC
 PA	UCPA	UKPA	SAPA	SBPA
 FA	UCFA	UKFA	-	-
 FB	UCFB	UKFB	-	-
 PP	-	-	SAPP	SBPP
 PF	-	-	SAPF	SBPF
 PFL	-	-	SAPFL	SBPFL

PILLOW BLOCK UNITS UCP

SERIES 200

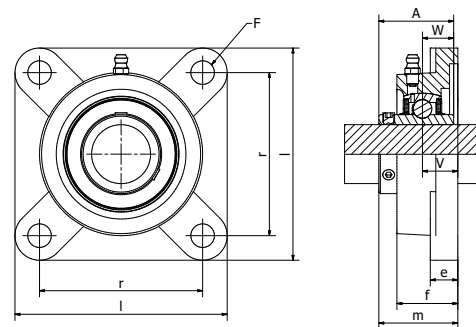


UCP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm										BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	c	l	r	s	F1	F2	e	n	A	o	No.		No.	Kg
204	93UCP204	20	33,3	127	96	38	13	19	15	65	31	12,7	UC 204	M10	P204	0,66
205	93UCP205	25	36,5	140	105	38	13	19	16	70	34,1	14,3	UC 205	M10	P205	0,81
206	93UCP206	30	42,9	165	121	48	17	21	18	83	38,1	15,9	UC 206	M14	P206	1,25
207	93UCP207	35	47,6	167	126	48	17	21	19	92	42,9	17,5	UC 207	M14	P207	1,58
208	93UCP208	40	49,2	184	136	54	17	21	19	98	49,2	19	UC 208	M14	P208	1,90
209	93UCP209	45	54	190	146	54	17	21	20	106	49,2	19	UC 209	M14	P209	2,14
210	93UCP210	50	57,2	206	159	60	20	25	22	112	51,6	19	UC 210	M16	P210	2,67
211	93UCP211	55	63,5	219	172	60	20	25	22	126	55,6	22,2	UC 211	M16	P211	3,30
212	93UCP212	60	69,8	241	186	70	20	25	25	137	65,1	25,4	UC 212	M16	P212	4,90
213	93UCP213	65	76,2	265	203	70	25	29	27	150	65,1	25,4	UC 213	M20	P213	5,40
214	93UCP214	70	79,4	266	210	72	25	30	27	156	74,6	30,2	UC 214	M20	P214	6,20
215	93UCP215	75	82,6	275	217	74	25	30	28	163	77,8	33,3	UC 215	M20	P215	7,16
216	93UCP216	80	88,9	292	232	78	25	28	30	175	82,6	33,3	UC 216	M20	P216	8,10
217	93UCP217	85	95,2	310	247	83	25	30	32	187	85,7	34,1	UC 217	M20	P217	9,81
218	93UCP218	90	101,6	327	262	88	27	30	34	200	96	39,7	UC 218	M22	P218	12,20



SQUARE FLANGE UNITS UCF

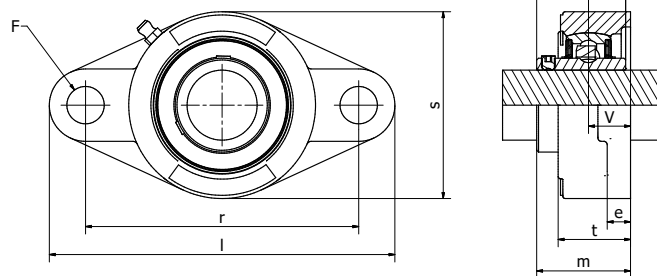
SERIES 200



UCF	PART NUMBER	SHAFT HOLE				DIMENSIONS mm						BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	r	v	e	f	F	m	A	w	No.		No.	Kg
204	93UCF204	20	86	64	15	12	25,5	12	33,3	31	12,7	UC 204	M10	F204	0,58
205	93UCF205	25	95	70	16	14	27	12	35,8	34,1	14,3	UC 205	M10	F205	0,80
206	93UCF206	30	108	83	18	14	31	12	40,2	38,1	15,9	UC 206	M10	F206	1,12
207	93UCF207	35	117	92	19	16	34	14	44,4	42,9	17,5	UC 207	M12	F207	1,46
208	93UCF208	40	130	102	21	16	36	16	51,2	49,2	19	UC 208	M14	F208	1,84
209	93UCF209	45	137	105	22	18	38	16	52,2	49,2	19	UC 209	M14	F209	2,15
210	93UCF210	50	143	111	22	18	40	16	54,6	51,6	19	UC 210	M14	F210	2,42
211	93UCF211	55	162	130	25	20	43	19	58,4	55,6	22,2	UC 211	M16	F211	3,31
212	93UCF212	60	175	143	29	20	48	19	68,7	65,1	25,4	UC 212	M16	F212	4,28
213	93UCF213	65	187	149	30	20	50	19	69,7	65,1	25,4	UC 213	M16	F213	4,99
214	93UCF214	70	193	152	31	24	54	19	75,4	74,6	30,2	UC 214	M16	F214	5,85
215	93UCF215	75	200	159	34	24	56	19	78,5	77,8	33,3	UC 215	M16	F215	6,91
216	93UCF216	80	208	165	34	22	58	23	78,0	83,3	33,3	UC 216	M20	F216	7,50
217	93UCF217	85	220	175	36	26	63	23	87,6	85,7	34,1	UC 217	M20	F217	9,66
218	93UCF218	90	235	187	40	26	68	23	96,3	96,0	39,7	UC 218	M20	F218	12,06

RHOMBIC FLANGED UNITS UCFL

SERIES 200

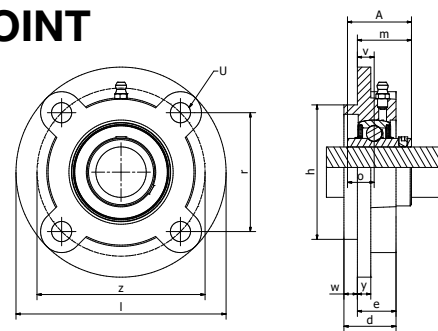


UCFL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm										BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	r	v	e	t	F	s	m	A	o	No.		No.	Kg
204	93UCFL204	20	113	90	15	11	25,5	12	60	33,3	31	12,7	UC 204	M10	FL204	0,41
205	93UCFL205	25	130	99	16	13	27	16	68	35,7	34,1	14,3	UC 205	M10	FL205	0,61
206	93UCFL206	30	148	117	18	13	31	16	80	40,2	38,1	15,9	UC 206	M14	FL206	0,87
207	93UCFL207	35	161	130	19	14	34	16	90	44,4	42,9	17,5	UC 207	M14	FL207	1,20
208	93UCFL208	40	175	144	21	14	36	16	100	51,2	49,2	19	UC 208	M14	FL208	1,45
209	93UCFL209	45	188	148	22	15	38	19	108	52,2	49,2	19	UC 209	M14	FL209	1,81
210	93UCFL210	50	197	157	22	15	40	19	115	54,6	51,6	19	UC 210	M16	FL210	2,14
211	93UCFL211	55	224	184	25	18	43	19	130	58,4	55,6	22,2	UC 211	M16	FL211	2,90
212	93UCFL212	60	250	202	29	18	48	23	140	68,7	65,1	25,4	UC 212	M16	FL212	3,96
213	93UCFL213	65	258	210	30	20	50	23	155	69,7	65,1	25,4	UC 213	M20	FL213	4,37
214	93UCFL214	70	265	216	31	20	54	23	160	75,4	74,6	30,2	UC 214	M20	FL214	4,95
215	93UCFL215	75	275	225	34	20	56	23	165	78,5	77,8	33,3	UC 215	M20	FL215	5,18
216	93UCFL216	80	290	233	34	20	58	25	180	83,3	82,6	33,3	UC 216	M20	FL216	6,36



ROUND FLANGED UNITS UCFC WITH SPIGOT JOINT

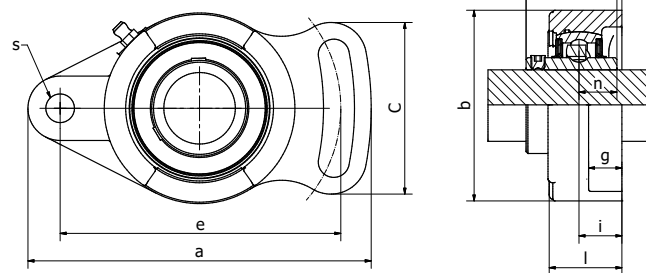
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UCFC	PART NUMBER	SHAFT HOLE	DIMENSIONS mm													BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	z	r	v	d	U	y	w	e	h	m	A	o	No.		No.	Kg
204	93UCFC204	20	100	78	55,1	10	25,5	12	6	7	20,5	62	28,3	31	12,7	UC 204	M10	FC204	0,66
205	93UCFC205	25	115	90	63,6	10	27	12	6	7	21	70	29,7	34,1	14,3	UC 205	M10	FC205	0,92
206	93UCFC206	30	125	100	70,7	10	31	12	8	8	23	80	32,2	38,1	15,9	UC 206	M10	FC206	1,21
207	93UCFC207	35	135	110	77,8	11	34	14	8	9	26	90	36,4	42,9	17,5	UC 207	M12	FC207	1,50
208	93UCFC208	40	145	120	84,8	11	36	14	10	9	26	100	41,2	49,2	19	UC 208	M12	FC208	1,87
209	93UCFC209	45	160	132	93,3	10	38	16	12	14	26	105	40,2	49,2	19	UC 209	M14	FC209	2,34
210	93UCFC210	50	165	138	97,6	10	40	16	12	14	28	110	42,6	51,6	19	UC 210	M14	FC210	2,72
211	93UCFC211	55	185	150	106,1	13	43	19	12	15	31	125	46,4	55,6	22,2	UC 211	M16	FC211	3,66
212	93UCFC212	60	195	160	113,1	17	48	19	12	15	36	135	56,7	65,1	25,4	UC 212	M16	FC212	4,58
213	93UCFC213	65	205	170	120,0	16	50	19	14	15	36	145	55,7	65,1	25,4	UC 213	M16	FC213	5,07
214	93UCFC214	70	215	177	125,1	17	54	19	14	18	40	150	61,4	74,6	30,2	UC 214	M16	FC214	6,15

ADJUSTABLE RHOMBIC FLANGED UNITS UCFA

SERIES 200

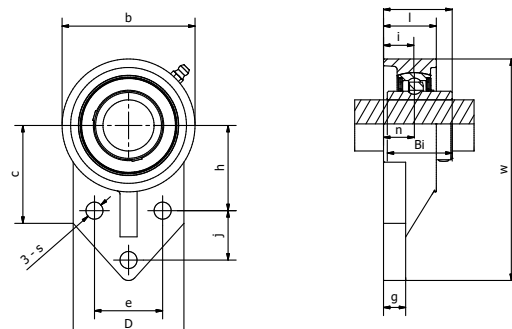


UCFA	PART NUMBER	SHAFT HOLE	DIMENSIONS mm											BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	a	e	i	g	l	s	b	Z	C	Bi	n	No.		No.	Kg
204	93UCFA204	20	98	78	15	11	25,5	10	60	33,3	50	31	12,7	UC 204	M8	FA204	0,47
205	93UCFA205	25	124	98	16	13	27	12	70	35,7	65	34,1	14,3	UC 205	M10	FA205	0,68
206	93UCFA206	30	141	117	18	13	31	12	83	40,2	72	38,1	15,9	UC 206	M10	FA206	1,00
207	93UCFA207	35	155	130	19	14	34	14	96	44,4	82	42,9	17,5	UC 207	M12	FA207	1,40
208	93UCFA208	40	171	144	21	16	36	14	105	51,2	87	49,2	19	UC 208	M12	FA208	1,70
209	93UCFA209	45	179	148	22	16	38	16	111	52,2	90	49,2	19	UC 209	M14	FA209	2,10
210	93UCFA210	50	189	157	22	16	40	16	116	54,6	94	51,6	19	UC 210	M14	FA210	2,40



THREE BOLT FLANGED UNITS UCFB

SERIES 200



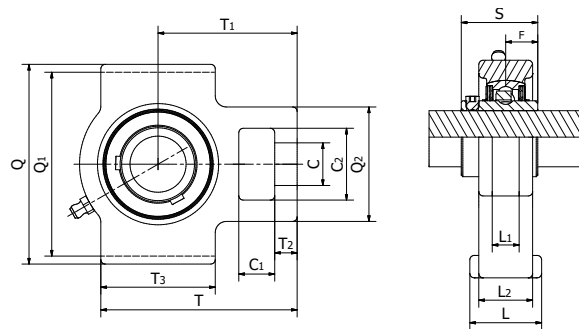
UCFB	PART NUMBER	SHAFT HOLE	DIMENSIONS mm														BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	w	b	c	D	l	s	g	h	j	e	i	z	Bi	n	No.	No.	Kg	
204	93UCFB204	20	110	62	52	52	25,5	10	13	42,0	27	32	15,0	31,8	31	12,7	UC 204	M8	FB204	0,64
205	93UCFB205	25	116	68	52	56	27	10	13	45,0	27	34,0	16,0	34,7	34,0	14,3	UC 205	M8	FB205	0,68
206	93UCFB206	30	132	80	55	65	31	10	13	50,0	32	40,0	18,0	39,2	38,1	15,9	UC 206	M8	FB206	0,92
207	93UCFB207	35	144	90	62	70	34	10	15	55,0	32	46,0	19,0	44,4	42,9	17,5	UC 207	M8	FB207	1,30
208	93UCFB208	40	164	100	72	78	36	12	16	60,0	41	50,0	21	51	49	19	UC 208	M10	FB208	1,80
209	93UCFB209	45	175	106	76	80	38	12	18	65,0	43	54,0	22	52	49	19	UC 209	M10	FB209	2,00
210	93UCFB210	50	184	114	82	86	40	12	18	68,0	46	58,0	22	55	52	19	UC 210	M10	FB210	2,30





TAKE UP UNITS UCT

SERIES 200

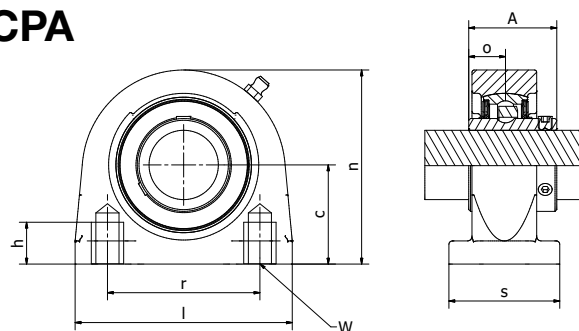


UCT	PART NUMBER	SHAFT HOLE	DIMENSIONS mm															BEARING	HOUSING	WEIGHT
		Ø mm	C ₁	T ₂	Q ₂	C ₂	C	T ₃	L ₁	Q ₁	Q	T	L ₂	L	T ₁	S	F	No.	No.	Kg
204	93UCT204	20	16	10	51	32	19	51	12	76	89	94	21	32	61	31	12,7	UC 204	T204	0,70
205	93UCT205	25	16	10	51	32	19	51	12	76	89	97	24	32	62	34	14,3	UC 205	T205	0,73
206	93UCT206	30	16	10	56	37	22	57	12	89	102	113	28	37	70	38,1	15,9	UC 206	T206	1,17
207	93UCT207	35	16	13	64	37	22	64	12	89	102	129	30	37	78	42,9	17,5	UC 207	T207	1,45
208	93UCT208	40	19	16	83	49	29	83	16	102	114	144	33	49	88	49,2	19	UC 208	T208	2,11
209	93UCT209	45	19	16	83	49	29	83	16	102	117	144	35	49	87	49,2	19	UC 209	T209	2,18
210	93UCT210	50	19	16	83	49	29	86	16	102	117	149	37	49	90	51,6	19	UC 210	T210	2,35
211	93UCT211	55	25	19	102	64	35	95	22	130	146	171	38	64	106	55,6	22,2	UC 211	T211	3,56
212	93UCT212	60	32	19	102	64	35	102	22	130	146	194	42	64	119	65,1	25,4	UC 212	T212	4,23



TAPPED-BASE PILLOW BLOCK UNITS UCPA

SERIES 200

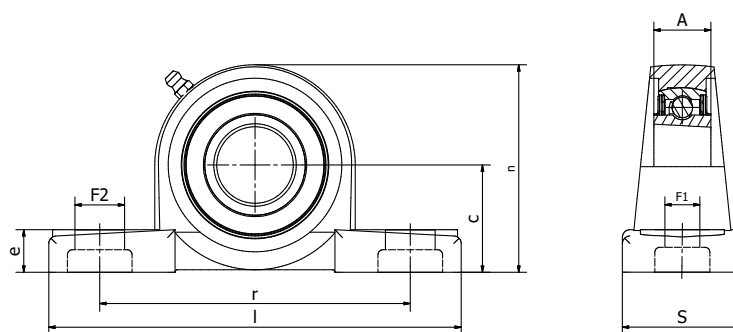


UCPA	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								BEARING		HOUSING	WEIGHT
		Ø mm	c	l	r	s	w	n	A	o	h	No.	No.	Kg
204	93UCPA204	20	30,2	76	52	40	M10	62	31	12,7	13	UC 204	PA204	0,51
205	93UCPA205	25	36,5	84	56	45	M10	72	34	14,3	15	UC 205	PA205	0,68
206	93UCPA206	30	42,9	94	66	50	M14	84	38,1	15,9	18	UC 206	PA206	0,99
207	93UCPA207	35	47,6	110	80	55	M14	95	42,9	17,5	20	UC 207	PA207	1,42
208	93UCPA208	40	49,2	116	84	58	M14	100	49,2	19	20	UC 208	PA208	1,64
209	93UCPA209	45	54,2	120	90	60	M14	108	49,2	19	25	UC 209	PA209	1,80
210	93UCPA210	50	57,5	130	94	64	M16	116	51,6	19	25	UC 210	PA210	2,23
212	93UCPA212	60	69,9	150	114	68	M16	138	65,1	25,4	25	UC 212	PA212	4,23
213	93UCPA213	65	76,2	160	124	72	M16	150	65,1	25,4	25	UC 213	PA213	5,05



PILLOW BLOCK UNITS UKP

SERIES 200

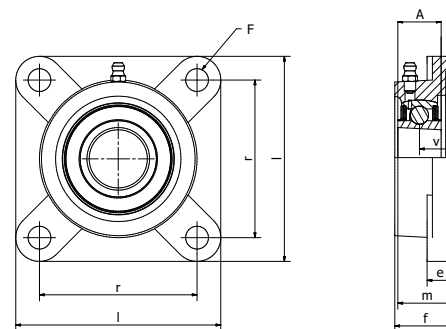


UKP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm									BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	c	l	r	s	F ₁	F ₂	e	n	A	No.		No.	Kg
206	93UKP206	30	42,9	165	121	48	17	21	18	83	28	UK 206	M14	P206	1,20
207	93UKP207	35	47,6	167	126	48	17	21	19	92	30	UK 207	M14	P207	1,49
208	93UKP208	40	49,2	184	136	54	17	21	19	98	32	UK 208	M14	P208	1,75
209	93UKP209	45	54	190	146	54	17	21	20	106	33	UK 209	M14	P209	2,00
210	93UKP210	50	57,2	206	159	60	20	25	22	112	35	UK 210	M16	P210	2,49
211	93UKP211	55	63,5	219	172	60	20	25	22	126	37	UK 211	M16	P211	3,08
212	93UKP212	60	69,8	241	186	70	20	25	25	137	40	UK 212	M16	P212	4,61
213	93UKP213	65	76,2	265	203	70	25	29	27	150	42	UK 213	M20	P213	5,00



SQUARE FLANGED UNITS UKF

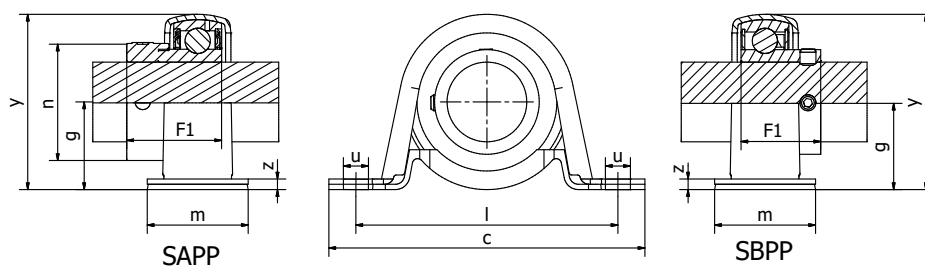
SERIES 200



UKF	PART NUMBER	SHAFT HOLE		DIMENSIONS mm							BEARING No.	BOLT SIZE	HOUSING No.	WEIGHT kg
		Ø mm	l	r	v	e	f	F	m	A				
206	93UKF206	30	108	83	18	14	31	12	37,5	28	UK 206	M10	F206	1,07
207	93UKF207	35	117	92	19	16	34	14	41	30	UK 207	M12	F207	1,37
208	93UKF208	40	130	102	21	16	36	16	44,5	32	UK 208	M14	F208	1,69
209	93UKF209	45	137	105	22	18	38	16	47	33	UK 209	M14	F209	2,01
210	93UKF210	50	143	111	22	18	40	16	48,5	35	UK 210	M14	F210	2,24
211	93UKF211	55	162	130	25	20	43	19	52,5	37	UK 211	M16	F211	3,09
212	93UKF212	60	175	143	29	20	48	19	58,5	40	UK 212	M16	F212	3,99
213	93UKF213	65	187	149	30	20	50	19	62	42	UK 213	M16	F213	4,59

PRESSED STEEL PILLOW BLOCK UNITS PP

SERIES 200

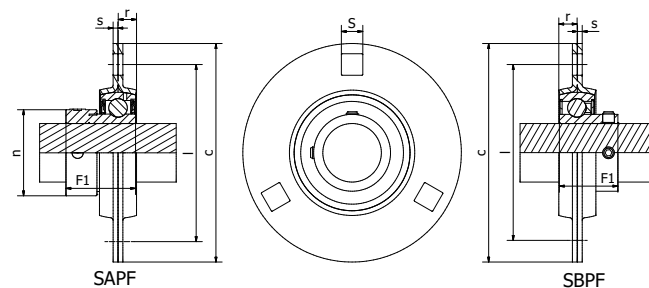


PP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								BOLT SIZE	SAPP			SBPP			HOUSING
			Ø mm	g	c	l	m	u	z	n	y	F1	No.	Kg	F1	No.	Kg	
201	93PP0203	12	22,2	86	68	25	9,5	3,2	28,6	43,8	M8	28,6	SA201	0,19	22	SB201	0,16	PP201
202	93PP0203	15	22,2	86	68	25	9,5	3,2	28,6	43,8	M8	28,6	SA202	0,18	22	SB202	0,15	PP202
203	93PP0203	17	22,2	86	68	25	9,5	3,2	28,6	43,8	M8	28,6	SA203	0,17	22	SB203	0,14	PP203
204	93PP0204	20	25,4	98	76	32	9,5	3,2	33,3	50,5	M8	31,0	SA204	0,25	25	SB204	0,22	PP204
205	93PP0205	25	28,6	108	86	32	11,5	4,0	38,1	56,6	M10	31,0	SA205	0,32	27	SB205	0,28	PP205
206	93PP0206	30	33,3	117	95	38	11,5	4,0	44,5	66,3	M10	35,7	SA206	0,47	30	SB206	0,42	PP206
207	93PP0207	35	39,7	129	106	42	11,5	4,6	55,6	78,0	M10	38,9	SA207	0,76	32	SB207	0,63	PP207



PRESSED STEEL ROUND FLANGED UNITS PF

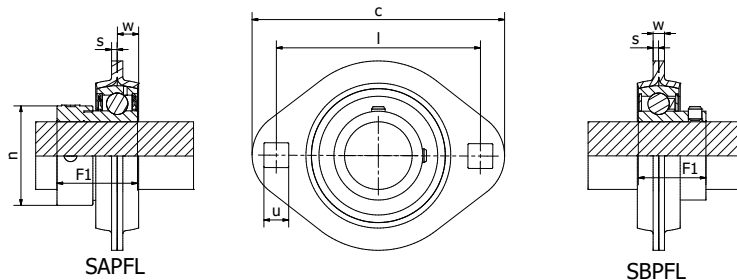
SERIES 200



PF	PART NUMBER	SHAFT HOLE	DIMENSIONS mm						BOLT SIZE	SAPF				SBPF			
										BEARING		WEIGHT	Kg	BEARING		WEIGHT	HOUSING
		Ø mm	c	l	r	s	S			F1	n	No.		F1	No.		No.
201	93PF0203	12	81	63,5	7,0	2,0	7,1	M6		28,6	28,6	SA201	0,31	22	SB201	0,28	PF201
202	93PF0203	PF	81	63,5	7,0	2,0	7,1	M6		28,6	28,6	SA202	0,30	22	SB202	0,27	PF202
203	93PF0203	17	81	63,5	7,0	2,0	7,1	M6		28,6	28,6	SA203	0,29	22	SB203	0,26	PF203
204	93PF0204	20	90	71,5	8,0	2,0	9,0	M8		31,0	33,3	SA204	0,32	25	SB204	0,29	PF204
205	93PF0205	25	95	76,0	9,0	2,0	9,0	M8		31,0	38,1	SA205	0,37	27	SB205	0,33	PF205
206	93PF0206	30	113	90,5	9,0	2,6	11,0	M10		35,7	44,5	SA206	0,59	30	SB206	0,54	PF206
207	93PF0207	35	122	100,0	10,0	2,6	11,0	M10		38,9	55,6	SA207	0,81	32	SB207	0,68	PF207
208	93PF0208	40	148	119,0	10,5	3,4	13,5	M12		43,7	60,3	SA208	1,30	34	SB208	1,14	PF208

PRESSED STEEL RHOMBIC FLANGED UNITS PFL

SERIES 200

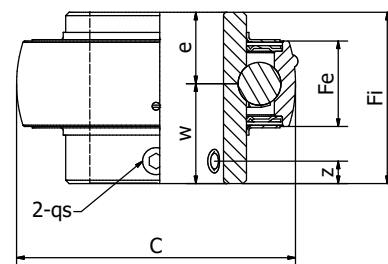


PFL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm							BOLT SIZE	SAPFL				SBPFL			HOUSING
			BEARING	WEIGHT			BEARING	WEIGHT										
		Ø mm	c	l	w	f	s	u		F1	n	No.	Kg	F1	No.	Kg	No.	
201	93PFL203	12	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA201	0,20	22	SB201	0,18	PFL201	
202	93PFL203	15	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA202	0,19	22	SB202	0,17	PFL202	
203	93PFL203	17	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA203	0,18	22	SB203	0,16	PFL203	
204	93PFL204	20	90	71,5	8	67	2	9,0	M8	31,0	33,3	SA204	0,25	25	SB204	0,22	PFL204	
205	93PFL205	25	95	76,0	9	71	2	9,0	M8	31,0	38,1	SA205	0,29	27	SB205	0,25	PFL205	
206	93PFL206	30	113	90,5	9	84	2,6	11	M10	35,7	44,5	SA206	0,46	30	SB206	0,40	PFL206	
207	93PFL207	35	122	100	10	94	2,6	11	M10	38,9	55,6	SA207	0,67	32	SB207	0,53	PFL207	
208	93PFL208	40	148	119	10,5	100	3,4	13,5	M12	43,7	60,3	SA208	0,91	34	SB208	0,75	PFL208	



DEEP GROOVE BALL BEARINGS UC

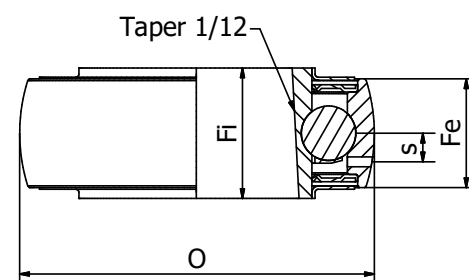
SERIES 200



UC	PART NUMBER	SHAFT HOLE		DIMENSIONS mm						DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	C	Fi	Fe	e	w	z	qs	kN	kN	Kg
204	93UC0204	20	47	31,0	16	12,7	18,3	5,0	M6x1,0	12,80	6,65	0,16
205	93UC0205	25	52	34,1	17	14,3	19,8	5,5	M6x1,0	14,00	7,88	0,22
206	93UC0206	30	62	38,1	19	15,9	22,2	6,0	M6x1,0	14,50	11,20	0,32
207	93UC0207	35	72	42,9	20	17,5	25,4	6,5	M8x1,0	25,70	15,20	0,50
208	93UC0208	40	80	49,2	21	19	30,2	8,0	M8x1,0	29,60	18,20	0,64
209	93UC0209	45	85	49,2	22	19	30,2	8,0	M8x1,0	31,85	20,80	0,74
210	93UC0210	50	90	51,6	23	19	32,6	10,0	M10x1,0	35,10	23,20	0,85
211	93UC0211	55	100	55,6	25	22,2	33,4	10,0	M10x1,0	43,55	29,20	1,10
212	93UC0212	60	110	65,1	27	25,4	39,7	10,0	M10x1,0	47,80	32,80	1,51
213	93UC0213	65	120	65,1	28	25,4	39,7	10,0	M10x1,0	57,20	40,00	1,75
214	93UC0214	70	125	74,6	29	30,2	44,4	12,0	M12x1,5	60,80	45,00	1,95
215	93UC0215	75	130	77,8	30	33,3	44,5	12,0	M12x1,5	66,00	49,50	2,14
216	93UC0216	80	140	82,6	33	33,3	49,3	12,0	M12x1,5	71,50	54,20	2,61

DEEP GROOVE BALL BEARINGS UK

SERIES 200

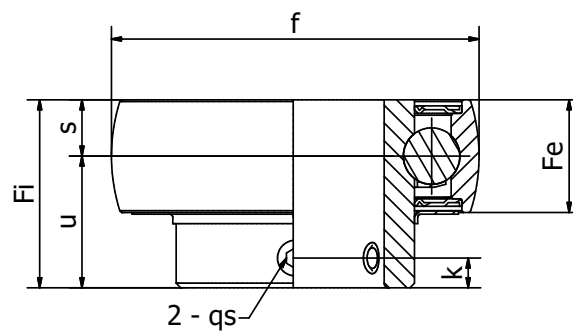


UK	PART NUMBER	SHAFT HOLE		DIMENSIONS mm				DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	O	Fi	Fe	Fi (taper)	s	kN	kN	Kg
205	93UK0205	25	52	25	17	24	4,2	14,00	7,85	0,16
206	93UK0206	30	62	28	19	27	5,2	19,45	11,25	0,25
207	93UK0207	35	72	30	20	30	5,6	25,70	15,20	0,36
208	93UK0208	40	80	32	21	34	6,2	29,60	18,10	0,44
209	93UK0209	45	85	33	22	36	6,3	31,85	20,80	0,51
210	93UK0210	50	90	35	23	36	6,5	35,10	23,20	0,56
211	93UK0211	55	100	37	25	40	7,0	43,55	29,20	0,74
212	93UK0212	60	110	40	27	47	7,0	47,80	32,80	1,00
213	93UK0213	65	120	42	30	47	8,5	57,20	40,00	1,27



DEEP GROOVE BALL BEARINGS SB

SERIES 200



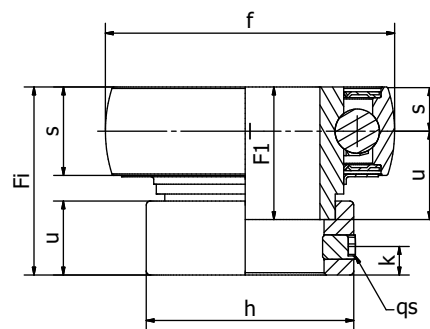
SB	PART NUMBER	SHAFT HOLE		DIMENSIONS mm						DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	Fe	f	Fi	s	u	k	qs	kN	kN	Kg
201	93SB0201	12	12	40	22	6,0	16,0	4,5	M5x0,8	9,60	4,60	0,10
202	93SB0202	15	12	40	22	6,0	16,0	4,5	M5x0,8	9,60	4,60	0,09
203	93SB0203	17	12	40	22	6,0	16,0	4,5	M5x0,8	9,60	4,60	0,08
204	93SB0204	20	14	47	25	7,0	18,0	4,5	M6x1,0	12,80	6,65	0,12
205	93SB0205	25	15	52	27	7,5	19,5	5,5	M6x1,0	14,00	7,88	0,16
206	93SB0206	30	16	62	30	8,0	22,0	6,0	M6x1,0	19,50	11,20	0,25
207	93SB0207	35	17	72	32	8,5	23,5	6,5	M8x1,0	25,70	15,20	0,36
208	93SB0208	40	18	80	34	9,0	25,0	7,0	M8x1,0	29,60	18,20	0,45





DEEP GROOVE BALL BEARINGS SA

SERIES 200

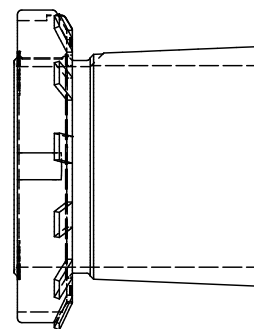


SA	PART NUMBER	SHAFT HOLE	DIMENSIONS mm										DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	Fe	f	F1	s	u	Fi	h	o	k	qs	kN	kN	Kg
201	93SA0201	12	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	M6x1,0	9,60	4,60	0,13
202	93SA0202	15	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	M6x1,0	9,60	4,60	0,12
203	93SA0203	17	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	M6x1,0	9,60	4,60	0,10
204	93SA0204	20	14	47	21,5	7,5	14,5	31,0	33,3	13,5	5,0	M6x1,0	12,80	6,65	0,16
205	93SA0205	25	15	52	21,5	7,5	14,0	31,0	38,1	13,5	5,0	M6x1,0	14,00	7,88	0,19
206	93SA0206	30	16	62	23,8	9,0	14,8	35,7	44,5	15,9	6,0	M8x1,0	19,50	11,20	0,30
207	93SA0207	35	17	72	25,4	9,5	15,9	38,9	55,6	17,5	6,5	M8x1,0	25,70	15,20	0,45
208	93SA0208	40	18	80	30,2	11,0	19,2	43,7	60,3	18,3	6,5	M8x1,0	29,60	18,20	0,60



ADAPTER SLEEVE

SERIES H23...



H	PART NUMBER	SHAFT HOLE	
			Ø mm
2305	930H2305		20
2306	930H2306		25
2307	930H2307		30
2308	930H2308		35
2309	930H2309		40
2310	930H2310		45
2311	930H2311		50
2312	930H2312		55
2313	930H2313		60

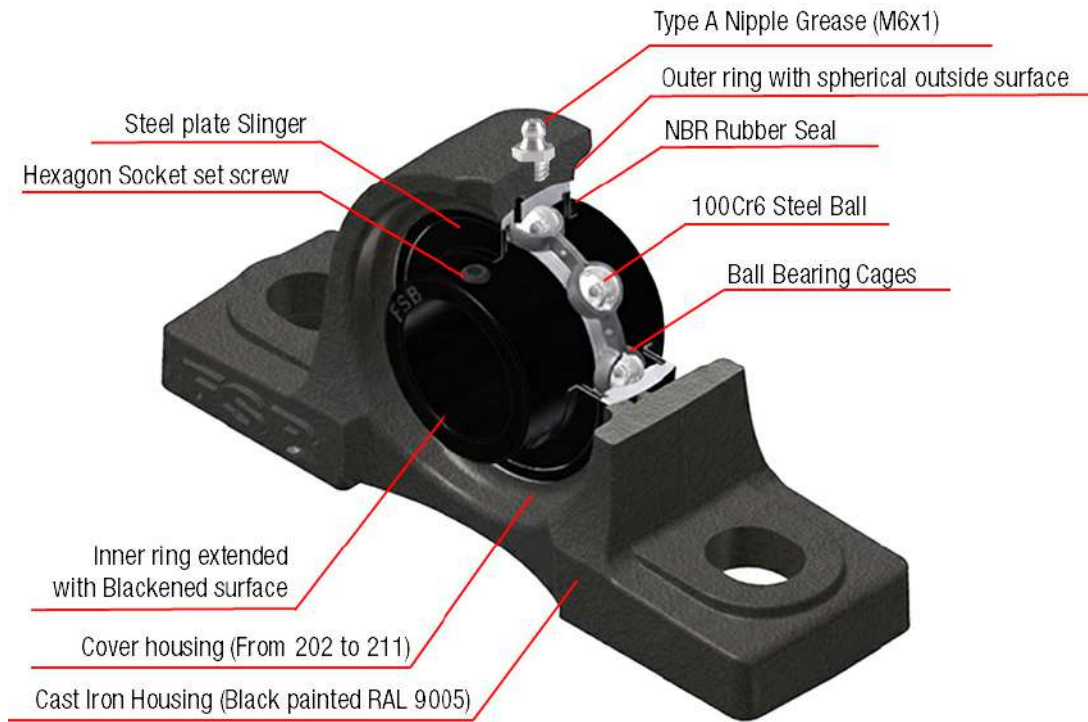




FSB® BEARINGS TECHNICAL CONSTRUCTIVE FEATURES

FSB® bearing units are designed to be used in the Manufacturing Industry in applications such as:

- Industrial machinery
 - Metalworking equipment
 - Production lines
- and are manufactured with external parts in:
- Cast Iron
 - Moulded steel sheets
 - Thermoplastic



FSB® bearing units are manufactured according to “RCS” specification, in order to ensure the following characteristics:

- Easy installation
- Flexibility and adaptability
- Inner bearing ring with burnished surface treatment, which allows to:
 - Improve resistance to corrosion and surface damage
 - Reduce the risk of bearing locking
 - Improve the durability
- Configured for cover installation (from size 202 to size 211), which provides:
 - Better protection from contaminants (e.g. dirt, dust, moisture, etc.)
 - Longer bearing life, reducing its exposure to external agents
 - Better lubricant retention, reducing wear over time
- Can operate at temperatures between -10°C and 120°C (outer ring temperature 100°C)
- Bearings made of 100Cr6 steel to ensure:
 - High resistance to repetitive stress
 - High abrasion resistance



FSB® BEARING UNITS LUBRICANT

FSB® bearing units are lubricated with greases that maintains its characteristics over time in order to ensure a reduced friction between steel balls, ball raceways and ball cages.

A correct lubrication allows to reduce, within certain limits, noise during operation and ensures corrosion protection for the bearings.

The lubricant used is a lithium-based lubricating grease No. 2 as defined in the GB/T 7324 (ISO 6743-9) standard and is applied to the ball bearings (with spherical outer surface) during the manufacturing phase.

The physical and chemical properties of the grease used are reported in Table 1.

Table 1: Physical and chemical grease properties.

Properties	Values	Measurement unit
Drop point	≥ 175	°C
Penetration at 25°C (Idle condition)	265 – 295	(1/10 mm)
Mechanical impurities	10-25 µm → ≤ 5000 25-75 µm → ≤ 3000 75-125 µm → ≤ 500 >125 → 0	(pc/cm³)

FSB® BEARING UNITS RELUBRICATION

FSB® bearing units cast iron versions are supplied with a dedicated grease fitting, which allows for the periodic bearing relubrication.

In the below table are reported the recommended relubrication intervals based on the different working conditions.

Table 2: Recommended intervals for adding grease to bearings.

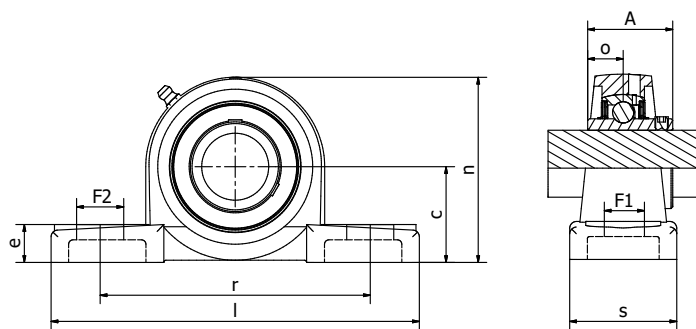
Operating Temperatures (°C)		Cleanliness /Intervals		
>	≤	Very Clean	Dusty	Dusty, splashing mud
-	50	No	1 Year	4 Months
50	70	1 Year	4 Months	1 Month
70	100	6 Months	2 Months	2 Weeks

FSB® BEARING UNITS MATCHING TABLE

BEARINGS HOUSINGS	UC 	UK 	SA 	SB 
 P	UCP	UKP	SAP	SBP
 F	UCF	UKF	SAF	SBF
 FL	UCFL	UKFL	SAFL	SBFL
 T	UCT	UKT	SAT	SBT
 FC	UCFC	UKFC	SAFC	SBFC
 PA	UCPA	UKPA	SAPA	SBPA
 FA	UCFA	UKFA	-	-
 FB	UCFB	UKFB	-	-
 PP	-	-	SAPP	SBPP
 PF	-	-	SAPF	SBPF
 PFL	-	-	SAPFL	SBPFL

PILLOW BLOCK UNITS UCP

SERIES 200

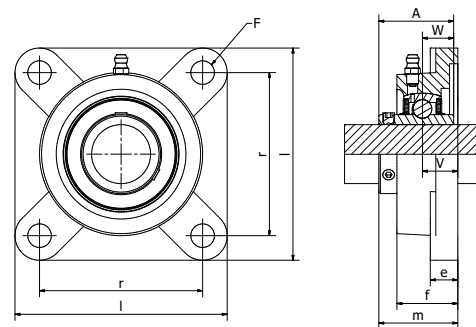


UCP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm										BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	c	l	r	s	F1	F2	e	n	A	o	No.		No.	Kg
202	93100202	15	30,2	127	95	38	13	16	14	62	31	12,7	UC 202	M10	P202	0,63
203	93100203	17	30,2	127	95	38	13	16	14	62	31	12,7	UC 203	M10	P203	0,62
204	93100204	20	33,3	127	95	38	13	16	14	65	31	12,7	UC 204	M10	P204	0,70
205	93100205	25	36,5	140	105	38	13	16	15	71	34	14,3	UC 205	M10	P205	0,81
206	93100206	30	42,9	165	121	48	17	20	17	83	38,1	15,9	UC 206	M14	P206	1,30
207	93100207	35	47,6	167	127	48	17	20	18	93	42,9	17,5	UC 207	M14	P207	1,60
208	93100208	40	49,2	184	137	54	17	20	18	98	49,2	19	UC 208	M14	P208	2,00
209	93100209	45	54	190	146	54	17	20	20	106	49,2	19	UC 209	M14	P209	2,30
210	93100210	50	57,2	206	159	60	20	23	21	114	51,6	19	UC 210	M16	P210	2,90
211	93100211	55	63,5	219	171	60	20	23	23	126	55,6	22,2	UC 211	M16	P211	3,70
212	93100212	60	69,8	241	184	70	20	23	25	138	65,1	25,4	UC 212	M16	P212	4,90
213	93100213	65	76,2	265	203	70	25	28	27	151	65,1	25,4	UC 213	M20	P213	5,90
214	93100214	70	79,4	266	210	72	25	28	27	157	74,6	30,2	UC 214	M20	P214	6,60
215	93100215	75	82,6	275	217	74	25	28	28	163	77,8	33,3	UC 215	M20	P215	7,30
216	93100216	80	88,9	292	232	78	25	28	30	175	82,6	33,3	UC 216	M20	P216	10,0
217	93100217	85	95,2	310	247	83	25	28	32	187	85,7	34,1	UC 217	M20	P217	12,2
218	93100218	90	101,6	327	262	88	27	30	33	200	96	39,7	UC 218	M22	P218	14,7



SQUARE FLANGE UNITS UCF

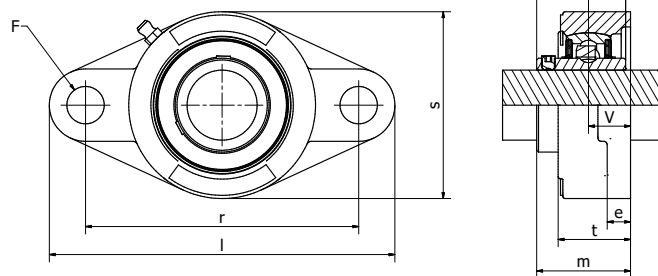
SERIES 200



UCF	PART NUMBER	SHAFT HOLE Ø mm	DIMENSIONS mm									BEARING No.	BOLT SIZE	HOUSING No.	WEIGHT Kg
			l	r	v	e	f	F	m	A	w				
202	93200202	15	86	64	15	11	25,5	12	33,3	31	12,7	UC 202	M10	F202	0,62
203	93200203	17	86	64	15	11	25,5	12	33,3	31	12,7	UC 203	M10	F203	0,61
204	93200204	20	86	64	15	11	25,5	12	33,3	31	12,7	UC 204	M10	F204	0,61
205	93200205	25	95	70	16	13	27	12	35,7	34	14,3	UC 205	M10	F205	0,80
206	93200206	30	108	83	18	13	31	12	40,2	38,1	15,9	UC 206	M10	F206	1,00
207	93200207	35	117	92	19	15	34	14	44,4	42,9	17,5	UC 207	M12	F207	1,40
208	93200208	40	130	102	21	15	36	16	51,2	49,2	19	UC 208	M14	F208	1,80
209	93200209	45	137	105	22	16	38	16	52,2	49,2	19	UC 209	M14	F209	2,20
210	93200210	50	143	111	22	16	40	16	54,6	51,6	19	UC 210	M14	F210	2,40
211	93200211	55	162	130	25	18	43	19	58,4	55,6	22,2	UC 211	M16	F211	3,50
212	93200212	60	175	143	29	18	48	19	68,7	65,1	25,4	UC 212	M16	F212	4,20
213	93200213	65	187	149	30	22	50	19	69,7	65,1	25,4	UC 213	M16	F213	5,30
214	93200214	70	193	152	31	22	54	19	75,4	74,6	30,2	UC 214	M16	F214	5,90
215	93200215	75	200	159	34	22	56	19	78,5	77,8	33,3	UC 215	M16	F215	6,30
216	93200216	80	208	165	34	22	58	23	83,3	82,6	33,3	UC 216	M20	F216	7,80
217	93200217	85	220	175	36	24	63	23	87,6	85,7	34,1	UC 217	M20	F217	9,30
218	93200218	90	235	187	40	24	68	23	96,3	96	39,7	UC 218	M20	F218	11,3

RHOMBIC FLANGED UNITS UCFL

SERIES 200

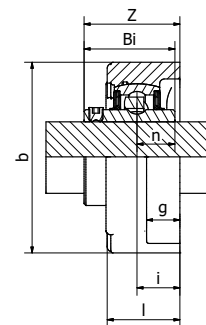
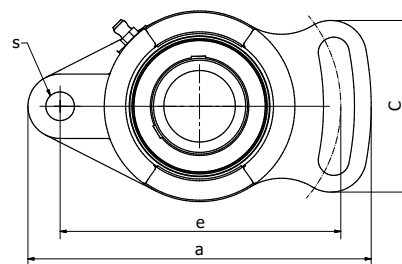


UCFL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm										BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	r	v	e	t	F	s	m	A	o	No.		No.	Kg
202	93300202	15	113	90	15	11	25,5	12	60	33,3	31	12,7	UC 202	M10	FL202	0,47
203	93300203	17	113	90	15	11	25,5	12	60	33,3	31	12,7	UC 203	M10	FL203	0,45
204	93300204	20	113	90	15	11	25,5	12	60	33,3	31	12,7	UC 204	M10	FL204	0,43
205	93300205	25	130	99	16	13	27	16	68	35,7	34	14,3	UC 205	M14	FL205	0,61
206	93300206	30	148	117	18	13	31	16	80	40,2	38,1	15,9	UC 206	M14	FL206	0,86
207	93300207	35	161	130	19	15	34	16	90	44,4	42,9	17,5	UC 207	M14	FL207	1,20
208	93300208	40	175	144	21	15	36	16	100	51,2	49,2	19	UC 208	M14	FL208	1,48
209	93300209	45	188	148	22	16	38	19	108	52,2	49,2	19	UC 209	M16	FL209	1,84
210	93300210	50	197	157	22	16	40	19	115	54,6	51,6	19	UC 210	M16	FL210	2,14
211	93300211	55	224	184	25	18	43	19	130	58,4	55,6	22,2	UC 211	M16	FL211	2,98
212	93300212	60	250	202	29	18	48	23	140	68,7	65,1	25,4	UC 212	M20	FL212	3,90
213	93300213	65	258	210	30	22	50	23	155	69,7	65,1	25,4	UC 213	M20	FL213	4,77
214	93300214	70	265	216	31	22	54	23	160	75,4	74,6	30,2	UC 214	M20	FL214	5,22
215	93300215	75	275	225	34	22	56	23	165	78,5	77,8	33,3	UC 215	M20	FL215	5,66
216	93300216	80	290	233	34	22	58	25	180	83,3	82,6	33,3	UC 216	M22	FL216	7,13



ADJUSTABLE RHOMBIC FLANGED UNITS UCFA

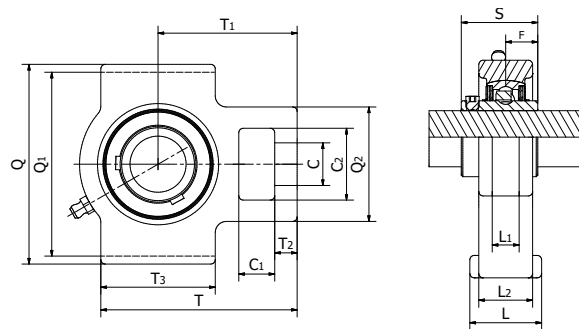
SERIES 200



UCFA	PART NUMBER	SHAFT HOLE	DIMENSIONS mm											BEARING	BOLT SIZE	HOUSING	WEIGHT
		Ø mm	a	e	i	g	l	s	b	Z	C	Bi	n	No.		No.	Kg
202	93310202	15	98	78	15	11	25,5	10	60	33,3	50	31,1	12,7	UC 202	M8	FA202	0,47
203	93310203	17	98	78	15	11	25,5	10	60	33,3	50	31,1	12,7	UC 203	M8	FA203	0,47
204	93310204	20	98	78	15	11	25,5	10	60	33,3	50	31,1	12,7	UC 204	M8	FA204	0,47
205	93310205	25	124	98	16	13	27	12	70	35,7	65	34	14,3	UC 205	M10	FA205	0,68
206	93310206	30	141	117	18	13	31	12	83	40,2	72	38,1	15,9	UC 206	M10	FA206	1,00
207	93310207	35	155	130	19	14	34	14	96	44,4	82	42,9	17,5	UC 207	M12	FA207	1,50
208	93310208	40	171	144	21	14	38	14	105	51,2	87	49,2	19	UC 208	M12	FA208	1,90

TAKE UP UNITS UCT

SERIES 200

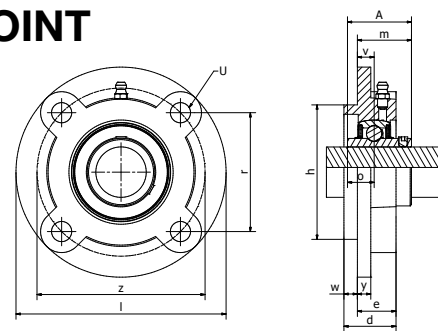


UCT	PART NUMBER	SHAFT HOLE	DIMENSIONS mm														WEIGHT	
		Ø mm	C ₁	T ₂	Q ₂	C ₂	C	T ₃	L ₁	Q ₁	Q	T	L ₂	L	T ₁	S	F	Kg
202	93400202	15	16	12	51	32	19	51	12	76	89	94	21	32	61	31	12,7	0,80
203	93400203	17	16	12	51	32	19	51	12	76	89	94	21	32	61	31	12,7	0,80
204	93400204	20	16	12	51	32	19	51	12	76	89	94	21	32	61	31	12,7	0,80
205	93400205	25	16	12	51	32	19	51	12	76	89	97	24	32	62	34	14,3	0,80
206	93400206	30	16	12	56	37	22	57	12	89	102	113	28	37	70	38,1	15,9	1,15
207	93400207	35	16	15	64	37	22	64	12	89	102	129	30	37	78	42,9	17,5	1,15
208	93400208	40	19	18	83	49	29	83	16	102	114	144	33	49	88	49,2	19	1,15
209	93400209	45	19	18	83	49	29	83	16	102	117	145	35	49	88	49,2	19	1,28
210	93400210	50	19	18	83	49	29	86	16	102	117	151	37	49	92	51,6	19	1,28
211	93400211	55	25	21	102	64	35	95	22	130	146	171	38	64	106	55,6	22,2	1,28
212	93400212	60	32	21	102	64	35	102	22	130	146	194	42	64	119	65,1	25,4	4,58
213	93400213	65	32	21	111	70	41	121	26	151	167	224	44	70	137	65,1	25,4	6,65
214	93400214	70	32	21	111	70	41	121	26	151	167	224	46	70	137	74,6	30,2	6,80



ROUND FLANGED UNITS UCFC WITH SPIGOT JOINT

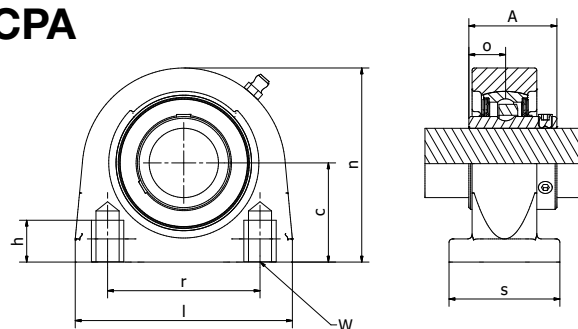
SERIES 200



UCFC	PART NUMBER	SHAFT HOLE	DIMENSIONS mm													BEARING No.	BOLT SIZE	HOUSING No.	WEIGHT Kg
			Ø mm	l	z	r	v	d	U	y	w	e	h	m	A	o			
202	93500202	15	100	78	55,1	10	25,5	12	5	7	20,5	62	28,3	31	12,7	UC 202	M10	FC202	0,76
203	93500203	17	100	78	55,1	10	25,5	12	5	7	20,5	62	28,3	31	12,7	UC 203	M10	FC203	0,76
204	93500204	20	100	78	55,1	10	25,5	12	5	7	20,5	62	28,3	31	12,7	UC 204	M10	FC204	0,76
205	93500205	25	115	90	63,6	10	27	12	6	7	21	70	29,7	34	14,3	UC 205	M10	FC205	0,96
206	93500206	30	125	100	70,7	10	31	12	8	8	23	80	32,2	38,1	15,9	UC 206	M10	FC206	1,30
207	93500207	35	135	110	77,8	11	34	14	8	9	26	90	36,4	42,9	17,5	UC 207	M12	FC207	1,70
208	93500208	40	145	120	84,8	11	36	14	10	9	26	100	41,2	49,2	19	UC 208	M12	FC208	2,00
209	93500209	45	160	132	93,3	10	38	16	12	14	26	105	40,2	49,2	19	UC 209	M14	FC209	2,70
210	93500210	50	165	138	97,6	10	40	16	12	14	28	110	42,6	51,6	19	UC 210	M14	FC210	2,90
211	93500211	55	185	150	106,1	13	43	19	12	15	31	125	46,4	55,6	22,2	UC 211	M16	FC211	4,30
212	93500212	60	195	160	113,1	17	48	19	12	15	36	135	56,7	65,1	25,4	UC 212	M16	FC212	5,00
213	93500213	65	205	170	120,2	16	50	19	14	15	36	145	55,7	65,1	25,4	UC 213	M16	FC213	5,70
214	93500214	70	215	177	125,1	17	54	19	14	18	40	150	61,4	74,6	30,2	UC 214	M16	FC214	6,80

TAPPED-BASE PILLOW BLOCK UNITS UCPA

SERIES 200

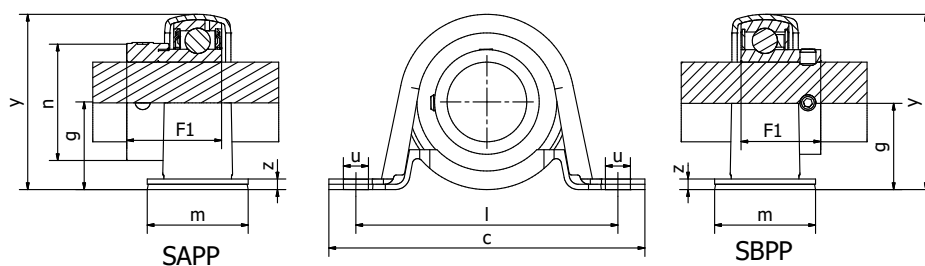


UCPA	PART NUMBER	SHAFT HOLE	DIMENSIONS mm									BEARING	HOUSING	WEIGHT
		Ø mm	c	l	r	s	w	n	A	o	h	No.	No.	Kg
202	93600202	15	30,2	76	52	40	M10x1,5	62	31	12,7	13	UC 202	PA202	0,63
203	93600203	17	30,2	76	52	40	M10x1,5	62	31	12,7	13	UC 203	PA203	0,62
204	93600204	20	30,2	76	52	40	M10x1,5	62	31	12,7	13	UC 204	PA204	0,64
205	93600205	25	36,5	84	56	45	M10x1,5	72	34	14,3	15	UC 205	PA205	0,81
206	93600206	30	42,9	94	66	50	M14x2	84	38,1	15,9	18	UC 206	PA206	1,20
207	93600207	35	47,6	110	80	55	M14x2	95	42,9	17,5	20	UC 207	PA207	1,65
208	93600208	40	49,2	116	84	58	M14x2	100	49,2	19	20	UC 208	PA208	2,00
209	93600209	45	54,2	120	90	60	M14x2	108	49,2	19	25	UC 209	PA209	2,30
210	93600210	50	57,2	130	94	64	M16x2	116	51,6	19	25	UC 210	PA210	2,90
211	93600211	55	63,5	140	104	66	M16x2	125	55,6	22,2	25	UC 211	PA211	3,16
212	93600212	60	69,9	150	114	68	M16x2	138	65,1	25,4	25	UC 212	PA212	4,15
213	93600213	65	76,2	160	124	70	M16x2	150	65,1	25,4	25	UC 213	PA213	5,09



PRESSED STEEL PILLOW BLOCK UNITS PP

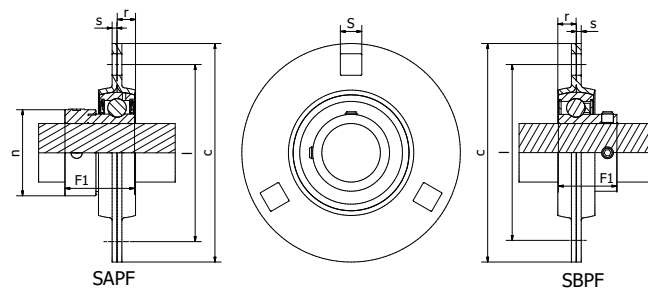
SERIES 200



PP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								BOLT SIZE	SAPP				SBPP			HOUSING
												BEARING		WEIGHT	BEARING		WEIGHT		
		Ø mm	g	c	l	m	u	z	y	F1	n	No.	Kg	F1	No.	Kg	No.		
201	93700203	12	22,2	86	68	25	9,5	3	43,8	M8	28,6	28,6	SA201	0,19	22	SB201	0,16	PP201	
202	93700203	15	22,2	86	68	25	9,5	3	43,8	M8	28,6	28,6	SA202	0,19	22	SB202	0,16	PP202	
203	93700203	17	22,2	86	68	25	9,5	3	43,8	M8	28,6	28,6	SA203	0,19	22	SB203	0,16	PP203	
204	93700204	20	25,4	98	76	32	9,5	3	50,5	M8	31	33,3	SA204	0,23	25	SB204	0,23	PP204	
205	93700205	25	28,6	108	86	32	11,5	4	56,6	M10	31	38,1	SA205	0,32	27	SB205	0,28	PP205	
206	93700206	30	33,3	117	95	38	11,5	4	66,3	M10	35,7	44,5	SA206	0,41	30	SB206	0,38	PP206	
207	93700207	35	39,7	129	106	42	11,5	5	77,7	M10	38,9	55,6	SA207	0,50	32	SB207	0,47	PP207	

PRESSED STEEL ROUND FLANGED UNITS PF

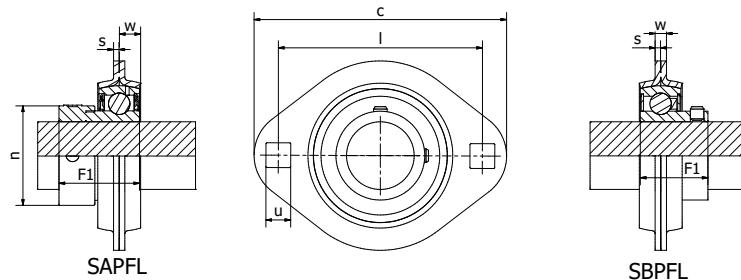
SERIES 200



PF	PART NUMBER	SHAFT HOLE	DIMENSIONS mm						BOLT SIZE	SAPF				SBPF			HOUSING
			BEARING		WEIGHT		BEARING			WEIGHT							
		Ø mm	c	l	r	s	S		F1	n	No.	Kg	F1	No.	Kg	No.	
201	93800203	12	81	63,5	7	2	7,1	M6	28,6	28,6	SA201	0,30	22	SB201	0,27	PF201	
202	93800203	15	81	63,5	7	2	7,1	M6	28,6	28,6	SA202	0,30	22	SB202	0,27	PF202	
203	93800203	17	81	63,5	7	2	7,1	M6	28,6	28,6	SA203	0,30	22	SB203	0,27	PF203	
204	93800204	20	90	71,5	8	2	9	M8	31	33,3	SA204	0,33	25	SB204	0,33	PF204	
205	93800205	25	95	76	9	2	9	M8	31	38,1	SA205	0,42	27	SB205	0,38	PF205	
206	93800206	30	113	90,5	9,5	2,6	11	M10	35,7	44,5	SA206	0,65	30	SB206	0,62	PF206	
207	93800207	35	122	100	10	2,6	11	M10	38,9	55,6	SA207	0,90	32	SB207	0,82	PF207	
208	93800208	40	148	119	11,5	3,5	13,5	M12	43,7	60,3	SA208	1,40	34	SB208	1,3	PF208	
209	93800209	45	150	120,5	11,5	3,5	13,5	M12	43,7	63,5	SA209	1,50	41,2	SB209	1,5	PF209	

PRESSED STEEL RHOMBIC FLANGED UNITS PFL

SERIES 200



PFL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm							SAPFL				SBPFL			HOUSING
										BEARING	WEIGHT		BEARING	WEIGHT			
		Ø mm	c	l	w	f	s	u	mm	F1	n	No.	Kg	F1	No.	Kg	No.
201	93900203	12	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA201	0,22	22	SB201	0,19	PFL201
202	93900203	15	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA202	0,22	22	SB202	0,19	PFL202
203	93900203	17	81	63,5	7	59	2	7,1	M6	28,6	28,6	SA203	0,22	22	SB203	0,19	PFL203
204	93900204	20	90	71,5	8	67	2	9	M8	31	33,3	SA204	0,24	25	SB204	0,24	PFL204
205	93900205	25	95	76	9	71	2	9	M8	31	38,1	SA205	0,32	27	SB205	0,28	PFL205
206	93900206	30	113	90,5	9,5	84	2,6	11	M10	35,7	44,5	SA206	0,41	30	SB206	0,38	PFL206
207	93900207	35	122	100	10	94	2,6	11	M10	38,9	55,6	SA207	0,50	32	SB207	0,42	PFL207
208	93900208	40	148	119	11	106	3,5	13,5	M12	43,7	60,3	SA208	0,67	34	SB208	0,6	PFL208





THERMOPLASTIC FSB® BEARING UNITS

Thermoplastic **FSB®** bearing units are manufactured for specific applications such as food, chemical and pharmaceutical industries, and wherever corrosion issues exist.

They are also available with stainless steel (INOX) bearings which, in addition to being corrosion-resistant and non-magnetic, are able to withstand very severe operating conditions in different applications.

FSB® housings are designed to meet the following requirements:

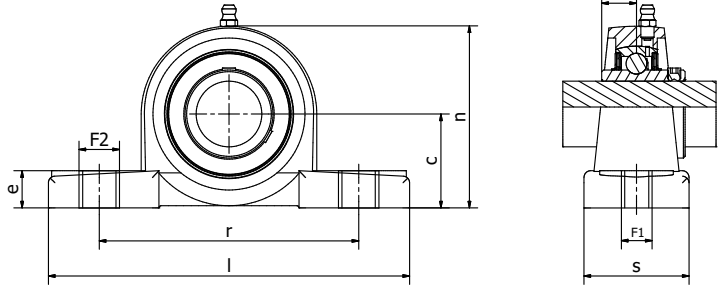
- Corrosion resistance
- Exposure to chemical agents
- Exposure to high humidity levels
- Operating at temperatures between -35°C and 120°C
- They are relubricable





THERMOPLASTIC PILLOW BLOCK UNITS P

SERIES 200



P	PART NUMBER	SHAFT HOLE	DIMENSIONS mm									BOLT SIZE	HOUSING	WEIGHT
		Ø mm	c	l	r	s	F1	F2	e	n	o		No.	Kg
203	93191203	17	33,3	127	95	38	11	14	14,2	65,5	12,7	M10	P203	0,13
204	93191204	20	33,3	127	95	38	11	14	14,2	65,5	12,7	M10	P204	0,13
205	93191205	25	36,5	140,5	105	38	11	14	14,5	71	14,3	M10	P205	0,14
206	93191206	30	42,9	163	119	46	14	18	17,8	84	15,9	M12	P206	0,25
207	93191207	35	47,6	168	127	48	14	18	18	94,5	17,5	M12	P207	0,27
208	93191208	40	49,2	184	137	54	14	18	19,5	99	19	M12	P208	0,32
209	93191209	45	54	192	146	54	17	20	23	1,6	19	M16	P209	0,37
210	93191210	50	57,2	206	159	60	17	20	23	114	19	M16	P210	0,55

THERMOPLASTIC PILLOW BLOCK UNITS SUCP

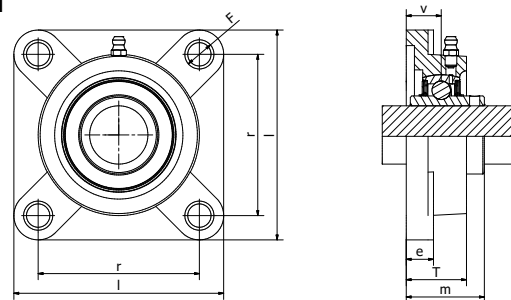
SERIES 200

SUCP	PART NUMBER	SHAFT HOLE	DIMENSIONS mm									BEARING	HOUSING	WEIGHT
		Ø mm	c	l	r	s	F1	F2	e	n	o		No.	Kg
205	93192205	25	36,5	140,5	105	38	11	14	14,5	71	14,3	SUC 205	P205	0,33
206	93192206	30	42,9	163	119	46	14	18	17,8	84	15,9	SUC 206	P206	0,56
207	93192207	35	47,6	168	127	48	14	18	18	94,5	17,5	SUC 207	P207	0,73
208	93192208	40	49,2	184	137	54	14	18	19,5	99	19	SUC 208	P208	0,93



THERMOPLASTIC SQUARE FLANGE UNITS F

SERIES 200



F	PART NUMBER	SHAFT HOLE		DIMENSIONS mm						BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	r	e	T	F	m	v		No.	Kg
203	93291203	17	88	63,5	14,4	27,8	11	36,3	18	M10	F203	0,13
204	93291204	20	88	63,5	14,4	27,8	11	36,3	18	M10	F204	0,13
205	93291205	25	95	70	14	28	11	36,7	17	M10	F205	0,14
206	93291206	30	107	83	14,3	31,5	11	41,4	19,2	M10	F206	0,21
207	93291207	35	118	92	15,5	34,8	13	45,9	21,5	M12	F207	0,26
208	93291208	40	130	102	17	37,5	14	53,2	23	M16	F208	0,34
209	93291209	45	137	105	19	41	17	54,2	24	M16	F209	0,41
210	93291210	50	143	111	21	43	17	27,6	25	M16	F210	0,44

THERMOPLASTIC SQUARE FLANGE UNITS SUCF

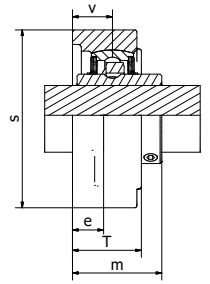
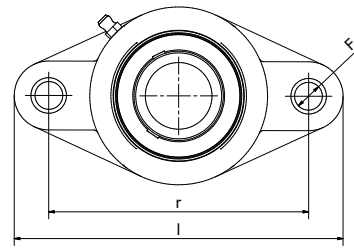
SERIES 200

SUCF	PART NUMBER	SHAFT HOLE		DIMENSIONS mm						BEARING	HOUSING	WEIGHT
		Ø mm	l	r	e	T	F	m	v		No.	Kg
204	93292204	20	88	63,5	14,4	27,8	11	36,3	18	SUC 204	F204	0,28
205	93292205	25	95	70	14	28	11	36,7	17	SUC 205	F205	0,33
206	93292206	30	107	83	14,3	31,5	11	41,4	19,2	SUC 206	F206	0,52
208	93292208	40	130	102	17	37,5	14	53,2	23	SUC 208	F208	0,95



THERMOPLASTIC RHOMBIC FLANGED UNITS FL

SERIES 200



FL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								BOLT SIZE	HOUSING	WEIGHT
		Ø mm	l	r	s	e	T	F	m	v		No.	Kg
203	93391203	17	113	90	65	11,4	26,5	11	33,7	15,4	M10	FL203	0,09
204	93391204	20	113	90	65	11,4	26,5	11	33,7	15,4	M10	FL204	0,09
205	93391203	25	131	99	69,5	13,5	29,1	11	36,7	17	M10	FL205	0,11
206	93391206	30	148	117	80	13,3	30,5	11	41,2	19	M10	FL206	0,13
207	93391207	35	164	130	90	16,1	32,8	13	43,4	18	M10	FL207	0,17
208	93391208	40	176	144	100	20	37,5	14	51,7	21,5	M10	FL208	0,24

THERMOPLASTIC RHOMBIC FLANGED UNITS SUCFL

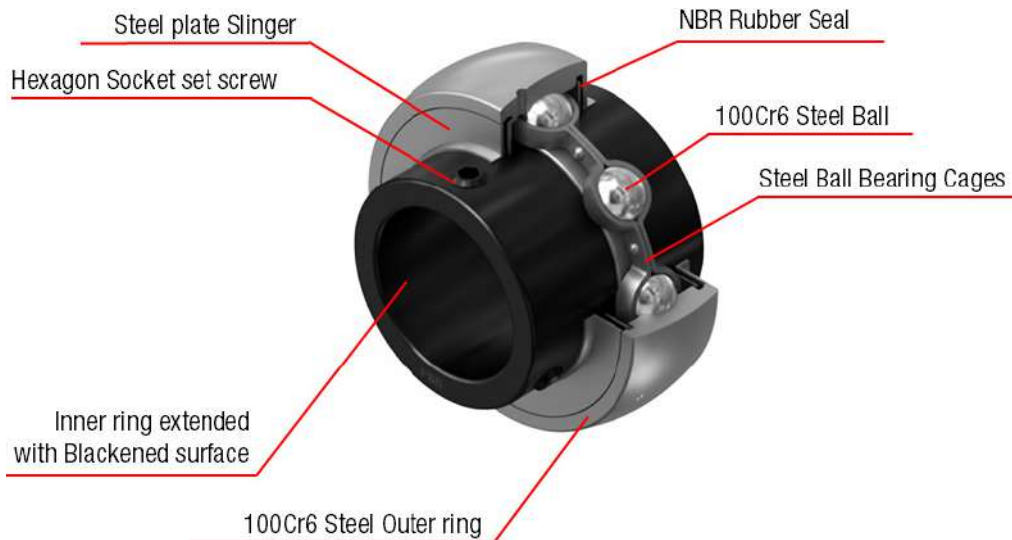
SERIES 200

SUCFL	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								BEARING	HOUSING	WEIGHT
		Ø mm	l	r	s	e	T	F	m	v		No.	Kg
206	93392206	30	148	117	80	13,3	30,5	11	41,2	19	SUC 206	FL206	0,44
207	93392207	35	164	130	90	16,1	32,8	13	43,4	18	SUC 207	FL207	0,63
208	93392208	40	176	144	100	20	37,5	14	51,7	21,5	SUC 208	FL208	0,85



FSB® BEARING

FSB® ball bearings are the ideal solution for transforming rotational movement into a fluid and efficient operation across a wide range of industrial applications. Designed for maximum reliability and a long operating life, they guarantee consistent performances even in the most demanding conditions.



Compared to standard bearings, these models feature an inner ring that extends on both sides. This extension is not merely an aesthetic detail, but a solution that offers several crucial benefits:

- **Increased Shaft Stability:** The wider contact surface between the inner ring and the shaft ensures **more uniform load distribution** and a **firmer grip**. This reduces the risk of the bearing slipping or moving unintentionally, even in presence of vibrations or intermittent loads.
- **Vibration Reduction:** Better adherence to the shaft helps to dampen vibrations, improving operational precision and reducing premature wear on both bearing and shaft itself.
- **Easy Assembly and Disassembly:** The design of these bearings is engineered to simplify installation. They are often paired with quick and efficient locking systems, such as set screws or eccentric collars, which do not require special tools or heating for fitting. This translates into **savings in time and labor costs**.
- **Suitable for Standard Tolerances:** The extended inner ring allows the use of shafts with standard machining tolerances, reducing the need of high precision machining.

Selecting FSB® bearings means investing in high performance, durability and optimised assembly logistics.

INNER RING SURFACE TREATMENT

All FSB® bearings are supplied with a treated, black inner ring surface. The oxidation treatment gives the ring the following characteristics:

1. **Moderate Corrosion Resistance:** Burnishing creates a surface layer of iron oxides that acts as a barrier against external corrosive agents.
2. **Friction Reduction:** The porous layer created by burnishing acts as an excellent oil receptor. This is crucial because it ensures that a film of lubricant remains on the surface of the rings, even after long periods of inactivity (shutdown). It greatly reduces the risk of initial wear and surface damage.
3. **Prevention of Dry Slippage:** In critical applications (e.g. high speed or sudden acceleration): the burnishing layer helps prevent direct metal-to-metal contact and the resulting dry slippage between the rolling elements and the ring races. This phenomenon is a common cause of rapid damage under conditions of limited lubrication.
4. **Dimensional Integrity:** Burnishing is an extremely thin coating (a few microns) and does not impact the critical dimensional tolerances of the bearing. This is essential for precision components.

LOCKING SYSTEMS

To better use the extended inner ring, we offer several shaft locking options to suit your every need:

- **With Locking Screw (SB Series):** The screws positioned on the inner ring extension ensure an extremely firm grip that is resistant to high loads and vibrations. Ideal for heavy-duty applications.
- **With Eccentric Ring (SA Series):** For even faster assembly and good concentricity, the eccentric ring allows quick and secure fastening with a simple turn, ideal for processes where speed is essential.

The SB and SA series are also re-lubricable.

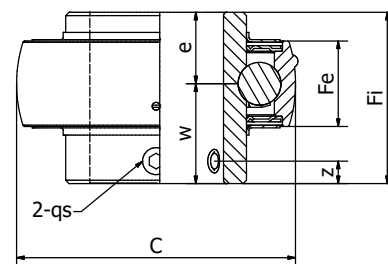
RECOMMENDED APPLICATIONS

Thanks to their robustness and easy use, FSB® ball bearings with extended inner rings are used in a wide range of sectors:

- **Agricultural Machinery:** Where reliability in demanding environments is essential.
- **Conveyors and Transport Systems:** For smooth, continuous movement with efficient assembly.
- **Industrial Fans:** Where vibrations and high speeds require excellent stability.
- **Textile, Construction, and Food Machinery:** For their versatility and adaptability to different environments.

DEEP GROOVE BALL BEARINGS UC

SERIES 200

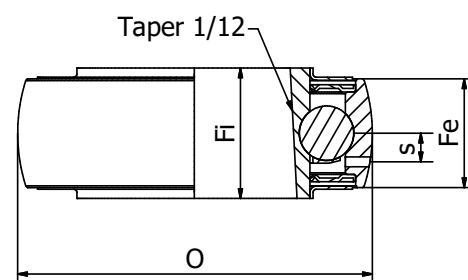


UC	PART NUMBER	SHAFT HOLE	DIMENSIONS mm							DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	C	Fi	Fe	e	w	z	qs	kN	kN	Kg
201	93000201	12	47	31,0	17	12,7	18,3	4,8	M6x1,0	12,80	6,60	0,21
202	93000202	15	47	31,0	17	12,7	18,3	4,8	M6x1,0	12,80	6,60	0,19
203	93000203	17	47	31,0	17	12,7	18,3	4,8	M6x1,0	12,80	6,60	0,18
204	93000204	20	47	31,0	17	12,7	18,3	4,8	M6x1,0	12,80	6,60	0,16
205	93000205	25	52	34,0	17	14,3	19,7	5,5	M6x1,0	14,00	7,90	0,20
206	93000206	30	62	38,1	19	15,9	22,2	6,0	M6x1,0	19,50	11,30	0,32
207	93000207	35	72	42,9	20	17,5	25,4	6,5	M8x1,0	25,70	15,30	0,48
208	93000208	40	80	49,2	21	19,0	30,2	8,0	M8x1,0	32,60	19,80	0,64
209	93000209	45	85	49,2	22	19,0	30,2	8,0	M8x1,0	32,70	20,50	0,68
210	93000210	50	90	51,6	24	19,0	32,6	10	M10x1,0	35,10	23,20	0,82
211	93000211	55	100	55,6	25	22,2	33,4	10	M10x1,0	43,40	29,20	1,11
212	93000212	60	110	65,1	27	25,4	39,7	10	M10x1,0	52,70	36,00	1,54
213	93000213	65	120	65,1	28	25,4	39,7	10	M10x1,0	57,20	40,00	1,86
214	93000214	70	125	74,6	30	30,2	44,4	12	M12x1,5	62,20	44,00	2,06
215	93000215	75	130	77,8	30	33,3	44,5	12	M12x1,5	66,20	49,30	2,21
216	93000216	80	140	82,6	33	33,3	49,3	14	M12x1,5	72,70	53,00	2,79
217	93000217	85	150	85,7	35	34,1	51,6	14	M12x1,5	83,20	62,00	3,45
218	93000218	90	160	96,0	37	39,7	56,3	14	M12x1,5	96,00	71,50	4,35



DEEP GROOVE BALL BEARINGS UK

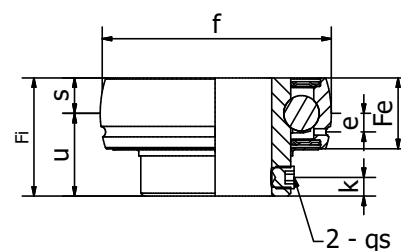
SERIES 200



UK	PART NUMBER	SHAFT HOLE		DIMENSIONS mm				DYNAMIC LOAD		STATIC LOAD		WEIGHT
		Ø mm	O	Fi	Fe	Fi (taper)	s	kN		kN		
207	93010207	30	72	28	20	30	5,9	25,70		15,30		0,37
208	93010208	35	80	29	21	34	6,2	32,60		19,80		0,47
209	93010209	40	85	31	22	36	6,6	32,70		20,50		0,52
210	93010210	45	90	31	24	36	6,5	35,10		23,2		0,59
211	93010211	50	100	34	25	40	7,0	43,40		29,20		0,80
212	93010212	55	110	36	27	47	7,6	52,50		36,00		1,02

DEEP GROOVE BALL BEARINGS SB

SERIES 200

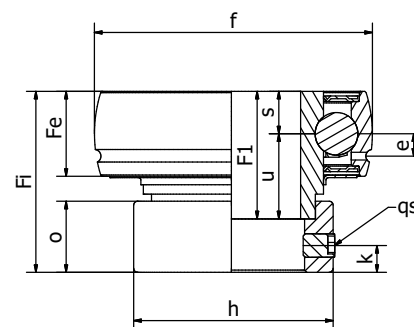


SB	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								DYNAMIC LOAD	STATIC LOAD	WEIGHT
RE-LUBRICABLE		Ø mm	Fe	f	Fi	s	u	k	e	qs	kN	kN	Kg
201	93020201	12	12	40	22	6,0	16,0	4,5	3,6	M5x0,8	9,60	4,80	0,10
202	93020202	15	12	40	22	6,0	16,0	4,5	3,6	M5x0,8	9,60	4,80	0,10
203	93020203	17	12	40	22	6,0	16,0	4,5	3,6	M5x0,8	9,60	4,80	0,10
204	93020204	20	14	47	25	7,0	18,0	4,5	3,9	M6x1,0	12,80	6,60	0,15
205	93020205	25	15	52	27	7,5	19,5	5,5	3,9	M6x1,0	14,00	7,90	0,18
206	93020206	30	16	62	30	8,0	22,0	5,5	5,0	M6x1,0	19,50	11,30	0,27
207	93020207	35	17	72	32	8,5	23,5	6,5	5,5	M8x1,0	25,70	15,30	0,42
208	93020208	40	18	80	34	9,0	25,0	7,0	6,0	M8x1,0	32,60	19,80	0,60
209	93020209	45	19	85	41,2	9,5	31,7	8,2	6,3	M8x1,0	32,70	20,50	0,80
210	93020210	50	20	90	41,6	10,0	31,6	9,2	6,5	M8x1,0	35,10	23,20	0,83



DEEP GROOVE BALL BEARINGS SA

SERIES 200



SB	PART NUMBER	SHAFT HOLE	DIMENSIONS mm											DYNAMIC LOAD	STATIC LOAD	WEIGHT
RE-LUBRICABLE		Ø mm	Fe	f	Fi	s	u	Fi	h	o	k	e	qs	kN	kN	Kg
201	93030201	12	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	3,6	M6x1,0	9,60	4,80	0,13
202	93030202	15	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	3,6	M6x1,0	9,60	4,80	0,13
203	93030203	17	12	40	19,1	6,0	13,1	28,6	28,6	13,5	5,0	3,6	M6x1,0	9,60	4,80	0,13
204	93030204	20	14	47	21,5	7,0	14,5	31,0	33,3	13,5	5,0	3,9	M6x1,0	12,80	6,60	0,15
205	93030205	25	15	52	21,5	7,5	14	31,0	38,1	13,5	5,0	3,9	M6x1,0	14,00	7,90	0,22
206	93030206	30	16	62	23,8	8,0	15,8	35,7	44,5	15,9	6,0	5	M8x1,0	19,50	11,30	0,30
207	93030207	35	17	72	25,4	8,5	16,9	38,9	55,6	17,5	6,5	5,5	M8x1,0	25,70	15,30	0,50
208	93030208	40	18	80	30,2	9,0	21,2	43,7	60,3	18,3	6,5	6	M8x1,0	32,60	19,80	0,67
209	93030209	45	19	85	30,2	9,5	20,7	43,7	63,5	18,3	6,5	6,3	M8x1,0	32,70	20,50	0,73
210	93030210	50	20	90	30,2	10,0	20,2	43,7	69,9	18,3	6,5	6,5	M8x1,0	35,10	23,20	0,83



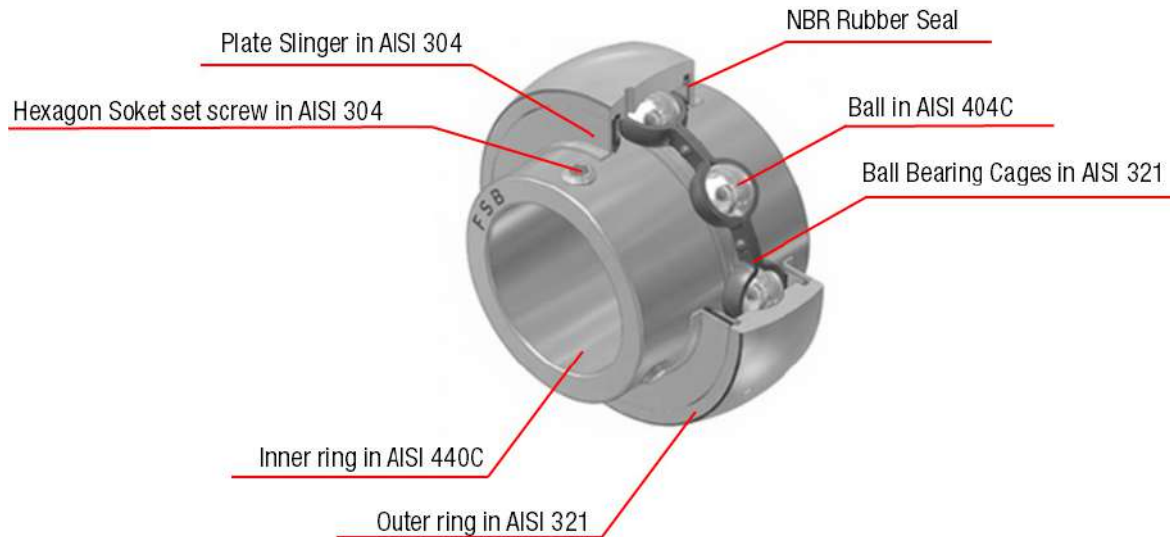




STAINLESS STEEL FSB® BEARING

FSB® bearings are designed to excel in highly corrosive environments where standard steel would quickly corrode. Stainless steel bearings offer crucial advantages for specific applications:

- **Excellent Corrosion Resistance:** This is the primary advantage. They withstand moisture, water, steam, and many weak chemical agents or detergents.
- **Hygiene and Washdown:** They are essential in industries that require frequent and intensive washing cycles for hygiene.
- **Extreme Environments:** They can operate within a wider range of temperature and environmental conditions compared to standard bearings, although their load capacity is generally **lower** (about 20-30% less) than that of same-sized chromium steel bearings.



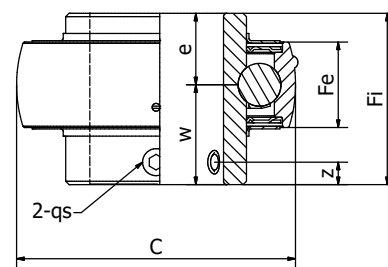
TYPICAL APPLICATIONS

- **Food and Beverage Industry:** Bottling machines, conveyor belts.
- **Pharmaceuticals:** Dosing and mixing equipment.
- **Chemical Industry:** Environments exposed to corrosive splashes or vapours.



DEEP GROOVE BALL BEARINGS SUC STAINLESS STEEL

SERIES 200

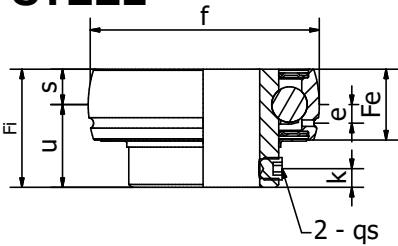


SUC	PART NUMBER	SHAFT HOLE	DIMENSIONS mm							DYNAMIC LOAD	STATIC LOAD	WEIGHT
		Ø mm	C	Fi	Fe	e	w	z	qs	N	N	Kg
203	93009203	17	47	31,0	17	12,7	18,3	4,8	M6x1,0	10000	6300	0,18
204	93009204	20	47	31,0	17	12,7	18,3	4,8	M6x1,0	10000	6300	0,16
205	93009205	25	52	34,0	17	14,3	19,7	5,5	M6x1,0	11000	7100	0,20
206	93009206	30	62	38,1	19	15,9	22,2	6,0	M6x1,0	15200	10200	0,32
207	93009207	35	72	42,9	20	17,5	25,4	6,5	M8x1,0	20100	13900	0,48
208	93009208	40	80	49,2	21	19,0	30,2	8,0	M8x1,0	25600	18100	0,64
209	93009209	45	85	49,2	22	19,0	30,2	8,0	M8x1,0	25600	18100	0,68
210	93009210	50	90	51,6	24	19,0	32,6	10	M10x1,0	27500	20200	0,82



DEEP GROOVE BALL BEARINGS SSSB STAINLESS STEEL

SERIES 200

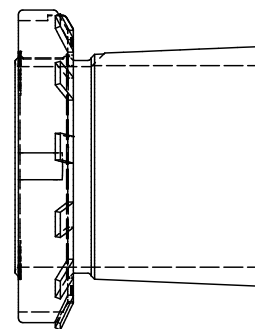


SSSB	PART NUMBER	SHAFT HOLE	DIMENSIONS mm								DYNAMIC LOAD	STATIC LOAD	WEIGHT
RE-LUBRICABLE		Ø mm	Fe	f	Fi	s	u	k	e	qs	N	N	Kg
203	93029203	17	12	40	22	6,0	16,0	4,5	3,6	M5x0,8	7600	4500	0,10
204	93029204	20	14	47	25	7,0	18,0	4,5	3,9	M6x1,0	10000	6300	0,15
205	93029205	25	15	52	27	7,5	19,5	5,5	3,9	M6x1,0	11000	7100	0,18
206	93029206	30	16	62	30	8,0	22,0	5,5	5,0	M6x1,0	15200	10200	0,27
207	93029207	35	17	72	32	8,5	23,5	6,5	5,5	M8x1,0	20100	13900	0,42
208	93029208	40	18	80	34	9,0	25,0	7,0	6,0	M8x1,0	25600	18100	0,60
209	93029209	45	19	85	41,2	9,5	31,7	8,2	6,3	M8x1,0	32600	24500	0,80
210	93029210	50	20	90	41,6	10,0	31,6	9,2	6,5	M8x1,0	35800	23000	0,83



ADAPTER SLEEVE

SERIES H23...



H	PART NUMBER	SHAFT HOLE
		Ø mm
2307	93002307	30
2308	93002308	35
2309	93002309	40
2310	93002310	45
2311	93002311	50
2312	93002312	55



COVERS FOR CAST IRON BEARING UNITS

SERIES 200

END COVERS		END COVERS WITH O-RING	
BEARING UNIT	PART NUMBER	BEARING UNIT	PART NUMBER
202	93320202	202	93330202
203	93320203	203	93330203
204	93320204	204	93330204
205	93320205	205	93330205
206	93320206	206	93330206
207	93320207	207	93330207
208	93320208	208	93330208
209	93320209	209	93330209
210	93320210	210	93330210
211	93320211	211	93330211

COVERS FOR THERMOPLASTIC BEARING UNITS

SERIES 200

END COVERS		END COVERS WITH O-RING	
BEARING UNIT	PART NUMBER	BEARING UNIT	PART NUMBER
202	93329202	203	93339203
203	93329203	204	93339204
204	93329204	205	93339205
205	93329205	206	93339206
206	93329206	207	93339207
207	93329207	208	93339208
208	93329208	209	93339209
209	93329209	210	93339210
210	93329210		
211	93329211		



SEALS FOR THERMOPLASTIC BEARING UNITS

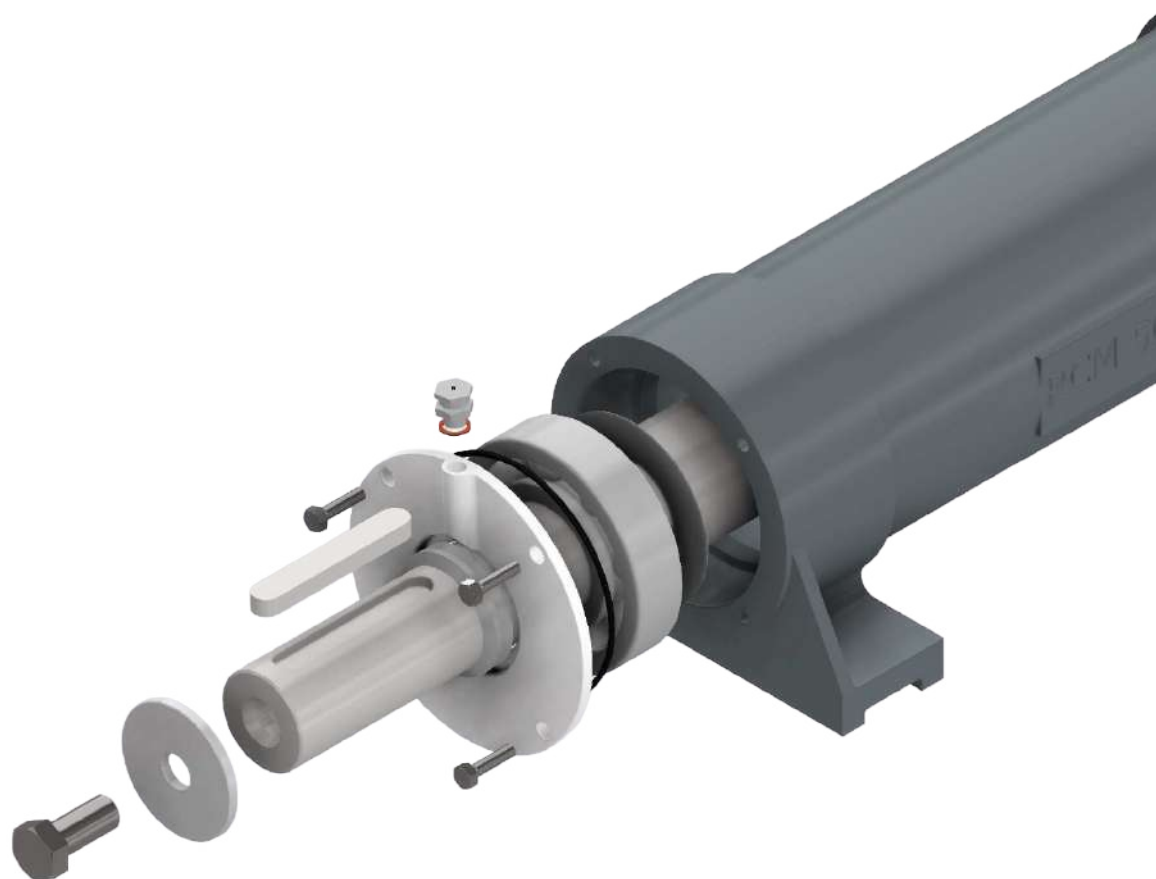
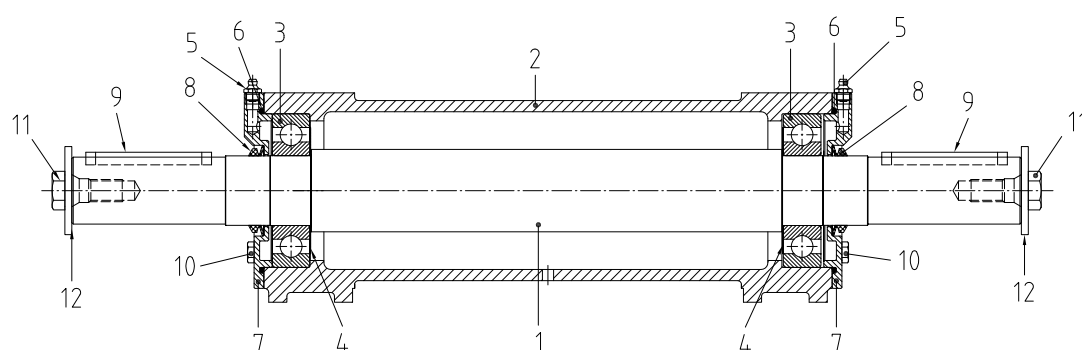
SERIES F - FL - P

BEARING UNIT	d	PART NUMBER
BS203	17	93349203
BS204	20	93349204
BS205	25	93349205
BS206	30	93349206
BS207	35	93349207
BS208	40	93349208
BS209	45	93349209
BS210	50	93349210

RCM® BEARING-BLOCKS

DESCRIPTION

1. Steel shaft
2. Casing cast iron
3. Bearing series 63XX
4. Disc retainer
5. Galvanized grease + Copper washer
6. Seal OR
7. Cover
8. Ring V-ring
9. Key
10. Cover zinc screw
11. Head zinc screw
12. Head washer





NOMINAL TORQUE AND DRIVING POWER

BEARING-BLOCKS SELECTION CRITERIA

Bearing-Block selection is carried out using two different ways:

1. By power curves if the motor is directly applied;
2. By maximum torque value if a gearbox is positioned between the motor and the bearing-block.

The maximum power values according to the curves or the maximum power and torque values indicated in the table

The maximum power values according to the curves or the maximum power and torque values indicated in the below table are calculated with $F_s=1$ (F_s = Service Factor).

These values must therefore be adapted to the end-user's requirements and safety criteria.

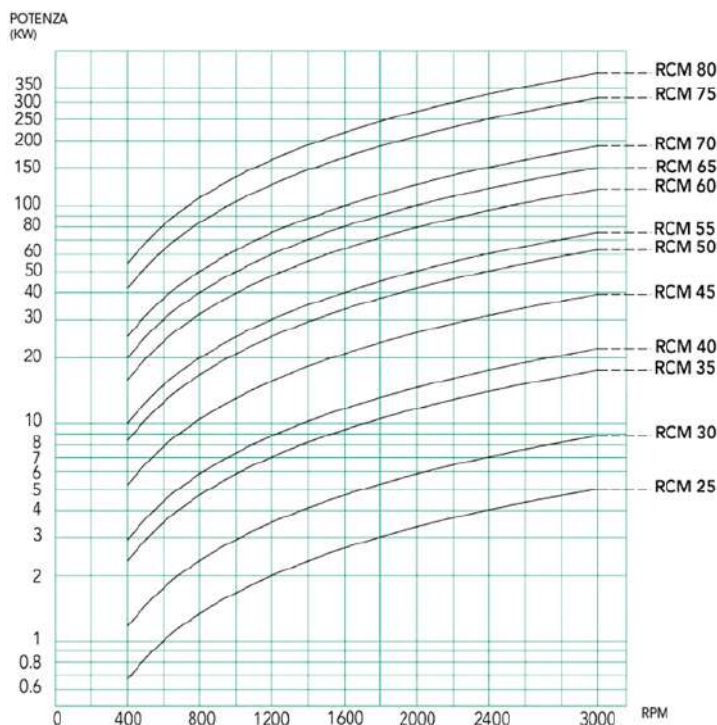
THREE-PHASE ASYNCHRONOUS CAGE MOTOR - POWERS IN ACCORDANCE WITH REGULATIONS IEC-72

Type	Maximum torque	Power with 8 motor poles rpm 750	Power with 6 motor poles rpm 1000	Power with 4 motor poles rpm 1500	Power with 2 motor poles rpm 3000
	Nm	KW	KW	KW	KW
RCM 25	16	1,1	1,5	2,2	4,5
RCM 30	28	2,2	3	4,5	9
RCM 35	56	4	5,5	7,5	15
RCM 40	70	5,5	7,5	11	22
RCM 45	125	9,5	11	18,5	37
RCM 50	200	15	18,5	30	55
RCM 55	240	18,5	22	37	75
RCM 60	380	30	37	55	110
RCM 65	480	37	45	75	132
RCM 70	600	45	55	90	160
RCM 75	1000	75	90	132	250
RCM 80	1300	90	132	200	375

NOTE:

All data and performance are listed in the catalogue with safety factor $F_s=1$

DIAGRAM FOR RCM® BEARING-BLOCKS



NOTE:

All data and performance are listed in the catalogue with safety factor $F_s=1$



NOMINAL TORQUE AND DRIVING POWER

ALLOWED LOAD ON THE 'LOCKED' SIDE OF THE SHAFT DEPENDING ON ITS OPERATING SPEED

Bearing-Block selection is carried out using two different ways:

1. By power curves if the motor is directly applied;
2. By maximum torque value if a gearbox is positioned between the motor and the bearing-block.

The maximum power values according to the curves or the maximum power and torque values indicated in the table

The maximum power values according to the curves or the maximum power and torque values indicated in the below table are calculated with $F_s=1$ (F_s = Service Factor).

These values must therefore be adapted to the end-user's requirements and safety criteria.



NOTE:

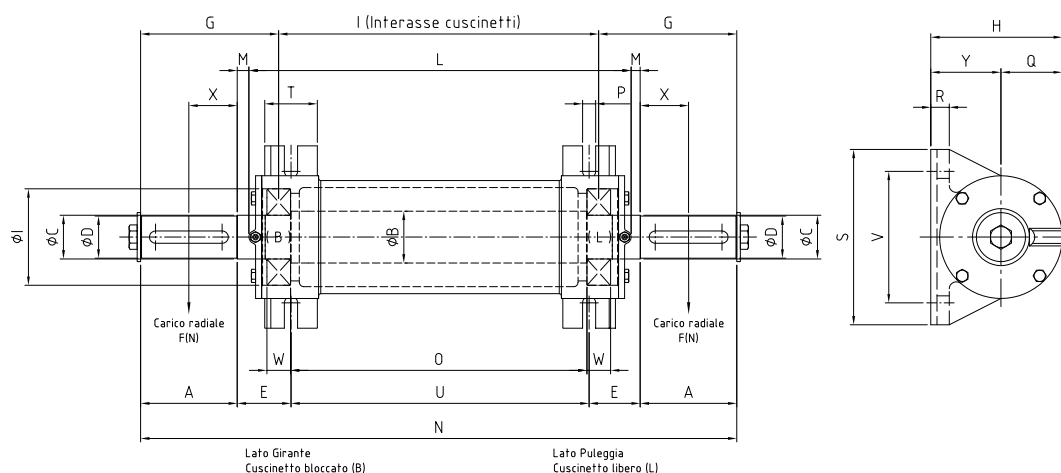
All data and performance are listed in the catalogue with safety factor $F_s=1$



NOMINAL TORQUE AND DRIVING POWER AS

RCM-AS BEARING-BLOCKS STANDARD SHAFTS

For AS 45 - 50 - 55 - 60 - 70 - 75 - 80 models, can be supplied an anti-rotation group EUROPEAN PATENT N° 03425164.5 to be fitted in place of the locked bearing side cover (b).



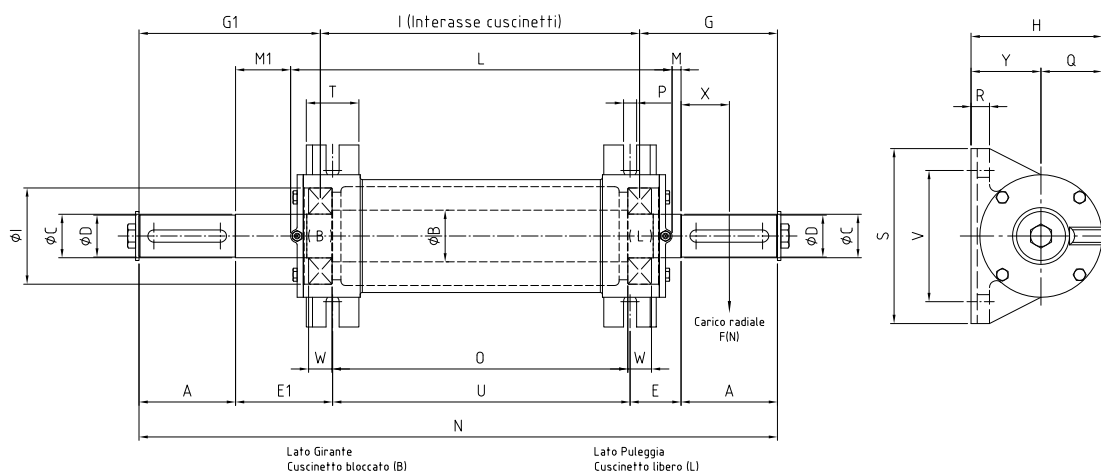
RCM-AS BEARING-BLOCKS STANDARD SHAFT

TYPE	PART NUMBER	ØD	A	E	L	U	ØF	P	T	ØB	N	G	I	O	ØC	Q	H	R	V	S	Y	W	M	X	BEARING	HEAD BOLT	HEAD WASHER	KEYWAY	WEIGHT kg.
25	95000251	24j6	50	50	281	200	62	15	50	34	400	88,5	222	205	25	45	105	20	135	180	60	17	9,5	25	6305	M8	8,5 x 36 x 4	8 x 7 x 35	8
30	95000301	28j6	60	50	281	200	72	15	50	39	420	99,5	220	201	30	50	110	20	135	180	60	19	9,5	30	6306	M8	8,5 x 36 x 4	8 x 7 x 45	10
35	95000351	32k6	60	56	352	265	80	15	50	43	497	103,5	288	267	35	54	124	20	145	195	70	21	12,5	30	6307	M12	12,5 x 48 x 4	10 x 8 x 45	14
40	95000401	38k6	80	56	351	265	90	15	50	48	537	125	286	263	40	58	128	20	145	195	70	23	13	40	6308	M12	12,5 x 48 x 4	10 x 8 x 60	17
45	95000451	42k6	110	60	434	340	100	15	60	53	680	156	367	342	45	70	150	20	150	200	80	25	13	55	6309	M16	16,5 x 63 x 5	12 x 8 x 90	24
50	95000501	48k6	110	60	435	340	110	15	60	59	680	156,5	366	339	50	70	150	20	150	200	80	27	12,5	55	6310	M16	16,5 x 63 x 5	14 x 9 x 90	28
55	95000551	48k6	110	86	571	448	120	18	80	64	840	169,5	500	471	55	75	165	24	180	230	90	29	24,5	55	6311	M16	16,5 x 85 x 6	14 x 9 x 90	43
60	95000601	55m6	110	86	570	448	130	18	80	71	840	171	497	466	60	85	175	24	180	230	90	31	25	55	6312	M16	16,5 x 85 x 6	16 x 10 x 90	49
65	95000651	60m6	140	75	574	448	140	20	90	76	878	191	495	462	65	84	184	24	190	250	100	33	12	70	6313	M16	16,5 x 85 x 6	18 x 11 x 120	56
70	95000701	65m6	140	75	574	448	150	20	90	81	878	192	492	457	70	90	190	24	190	250	100	35	12	70	6314	M16	16,5 x 85 x 6	18 x 11 x 120	61
75	95000751	70m6	150	80	594	460	160	22	100	86	930	209	511	474	75	102	202	28	280	355	100	37	18	75	6315	M20	20,5 x 100 x 8	20 x 12 x 130	89
80	95000801	75m6	150	85	598	460	170	22	100	91	930	210	509	470	80	102	202	28	280	355	100	39	16	75	6316	M20	20,5 x 100 x 8	20 x 12 x 130	90

NOMINAL TORQUE AND DRIVING POWER AL

RCM-AL BEARING-BLOCKS LONG SHAFTS

For AL 45 - 50 - 55 - 60 models, on demand can be supplied an anti-rotation group EUROPEAN PATENT N° 03425164.5 to be fitted in place of the locked bearing side cover (b).



RCM-AS BEARING-BLOCKS STANDARD SHAFT

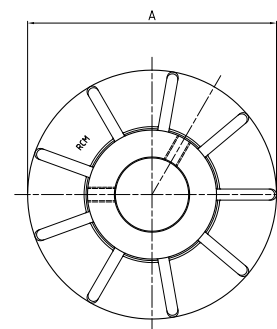
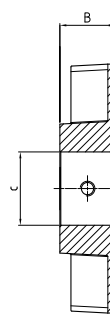
TYPE	PART NUMBER	ØD	A	E	E1	L	U	ØF	P	T	ØB	N	G	G1	I	O	ØC	Q	H	R	V	S	Y	W	M	X	M1	BEARING	WEIGHT kg.
30	95000302	28j6	60	50	90	281	200	72	15	50	39	460	99,5	139,5	220	201	30	50	110	20	135	180	60	19	9,5	30	49,5	6306	10
35	95000352	32k6	60	56	100	352	265	80	15	50	43	541	103,5	147,5	288	267	35	54	124	20	145	195	70	21	12,5	30	56,5	6307	14
40	95000402	38k6	80	56	110	351	265	90	15	50	48	591	125	179	286	263	40	58	128	20	145	195	70	23	13	40	67	6308	17
45	95000452	42k6	110	60	110	434	340	100	15	60	53	730	156	206	367	342	45	70	150	20	150	200	80	25	13	55	63	6309	24
50	95000502	48k6	110	60	110	435	340	110	15	60	59	730	156,5	206,5	366	339	50	70	150	20	150	200	80	27	12,5	55	62,5	6310	28
55	95000552	48k6	110	86	140	571	448	120	18	80	64	894	169,5	223,5	500	471	55	75	165	24	180	230	90	29	24,5	55	78,5	6311	43
60	95000602	55m6	110	86	140	570	448	130	18	80	71	894	171	225	497	466	60	85	175	24	180	230	90	31	25	55	79	6312	49
65	95000652	60m6	140	86	140	574	443	140	20	90	76	955	203	257	495	462	65	84	184	24	190	250	100	33	23,5	70	77,5	6313	58

RCM-AS BEARING-BLOCKS STANDARD SHAFT

TYPE	HEAD BOLT	HEAD WASHER	KEYWAY	WEIGHT kg.
30	M8	8,5 x 36 x 4	8 x 7 x 45	10
35	M12	12,5 x 48 x 4	10 x 8 x 45	14
40	M12	12,5 x 48 x 4	10 x 8 x 60	17
45	M16	16,5 x 63 x 5	12 x 8 x 90	24
50	M16	16,5 x 63 x 5	14 x 9 x 90	28
55	M16	16,5 x 85 x 6	14 x 9 x 90	43
60	M16	16,5 x 85 x 6	16 x 10 x 90	49
65	M16	16,5 x 85 x 6	18 x 11 x 120	58



RCM-AL FOR COOLING FAN



TYPE	PART NUMBER	A	B	C
30	95000303	115	28	29,8
35	95000353	135	30	34,8
40	95000403	135	30	39,8
45	95000453	155	32	44,8
50	95000503	155	32	49,8
55	95000553	170	32	54,8
60	95000603	170	32	59,8
65	95000653	188	30	64,8

TYPE	PART NUMBER
30	95000001
35-40	95000002
45-50	95000003
55-60	95000004



ANTI-ROTATION GROUP

Bearing Blocks with RCM-AS Anti-Rotation System

TYPE	PART NUMBER	MAX RPM W/O LOAD N°/1'
45	95000045	500
50	95000050	475
55	95000055	400
60	95000060	350
65	95000065	350
70	95000070	330
75	95000075	325
80	95000080	300

Bearing Blocks with RCM-AL Anti-Rotation System

TYPE	PART NUMBER	MAX RPM W/O LOAD N°/1'
45	95000045	500
50	95000050	475
55	95000055	400
60	95000060	350
65	95000065	350







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