



PERFORMANCE IN MOTION

Matveyor[®]

8mm Nanopitch Belt



INDUSTRIES AND APPLICATIONS

Suitable for handling unstable and delicate products with small foot-print (loose or packaged) in a nose-over linear transfer from the head of one conveyor to the next one.

INDUSTRIES

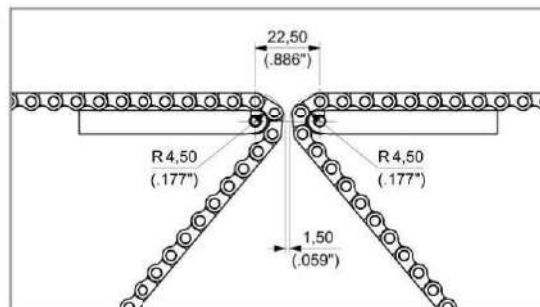
Bottling and canning
Food filling
Container manufacturing
Pharmaceutical
Paper/cardboard
Consumer goods

APPLICATIONS

Infeed/outfeed packaging machines
Product handling within packaging machine
Dynamic alternative to the dead transfer plate between two conveyors equipped with longer pitch belts that do not allow for direct tight product transfer

FEATURES

- Super-short pitch of 8 mm (0.315"), with no chordal effect in the engagement with sprockets or nosebar, allowing the maximization of product stability during head transfer.
- Pinless and clipless snap-on assembly, easing belt installation and eliminating complexity related to belt closing junction.
- Highest mechanical strength among all 8 mm pitch belts available on the market with independent pin assembly.



BELT ASSEMBLY

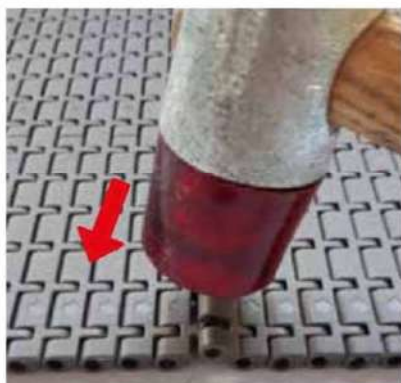
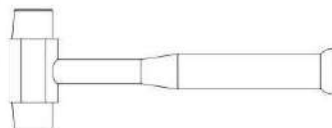


1) Bring the two ends of the belt close to each other on the conveyor. In order to guarantee the brick-lay assembly of the belt, make sure to always link 3" modules to 6" modules at belt edges.



2) Position hinge end over pin end, making sure that each hinge is matched with its corresponding pin.

REQUIRED TOOLS
- Plastic hammer



3) Starting from one edge of the belt, gently hammer the hinges into the corresponding pins along the belt width, by means of a plastic hammer. When the operation is completed, please remember to check that hinge and pins are jointed correctly.

BELT DISASSEMBLY



1) Insert the mounting pin under the hinges of the belt to be disassembled.



2) Insert the screwdriver into the space between the hinges.
NOTE: The screwdriver should have the dimensions indicated above.

REQUIRED TOOLS
- Pin with 6 mm diameter and length $L = \text{belt width} + 40 \text{ mm}$
- Screwdriver:

$a =$

$b =$

$a_{\text{max}} = 1,2 \text{ mm}$
 $b_{\text{max}} = 6,5 \text{ mm}$



3) Slightly leverage the screwdriver to separate the pins from their corresponding hinges.
DO NOT ROTATE THE SCREWDRIVER.



4) Repeat the previous operation along the belt width, acting on as many hinges as needed, until the belt comes apart completely.

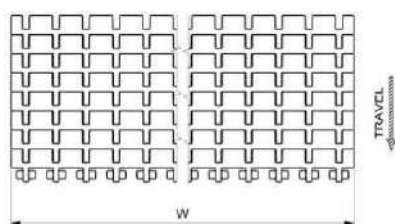
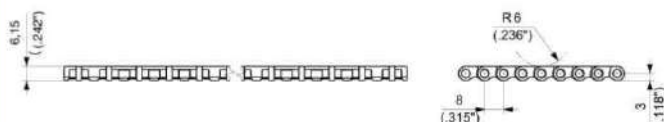
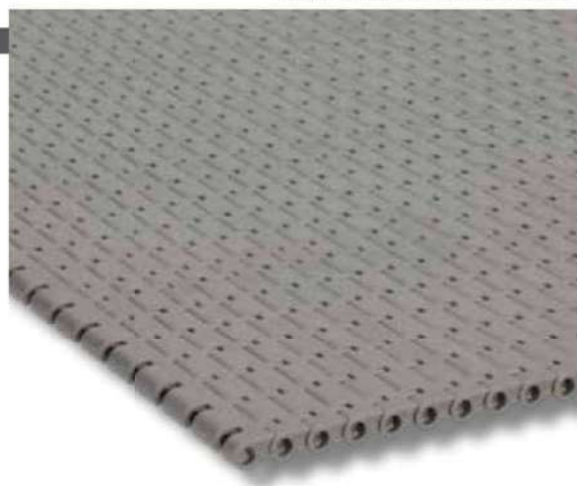
6,15 mm (0.242") THICKNESS SOLID TOP

NEW

Ideal to equip conveyors with tight nose-over transfer of unstable and delicate products with small foot-print. Particularly suitable for the following applications:

- As a dynamic alternative to the dead transfer plate between two conveyors equipped with longer pitch belts that do not allow for direct transfer of tight products.
- Product handling within packaging machines.
- All other unstable and delicate small foot-print loose products handling applications.

- **Belt widths:** 76,2 mm (3") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 8000 N/m (548 lbs/ft) for **UP** material
- **Belt weight:** 5,36 kg/m² (1.10 lbs/ft²) for **UP** material



Materials
see page 12



Sprockets
see pages 163+164



Applications
see page 20

WIDTH W		MATERIAL
		Module
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN *
mm	inch	PART NUMBER
152,4	6	8300UP006
228,6	9	8300UP009
304,8	12	8300UP012
381,0	15	8300UP015
457,2	18	8300UP018
533,4	21	8300UP021
609,6	24	8300UP024
685,8	27	8300UP027
762,0	30	8300UP030
838,2	33	8300UP033
914,4	36	8300UP036
990,6	39	8300UP039

Belts wider than 990,6 mm (39") are available in 76,2 mm (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 42" wide belt (=39+3"), the PN for UP material is "8300UP042".



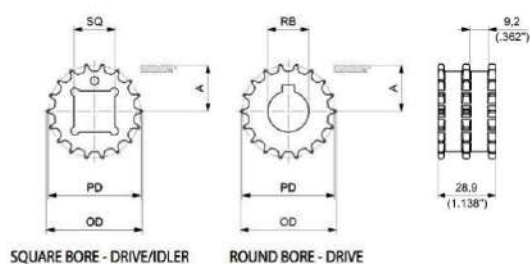
Standard packaging:
Belts are supplied in the length requested by the customer.

SUITABLE FOR CHAINS:

• 8300

MATERIALS

SPROCKETS: **PA** POLYAMIDE



MACHINED SOLID DRIVE SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	Kg	lbs
18	46,07	1.814	47,00	1.850	20,04	0.789	20		MPBAQ83001820	MPBAT83001820	0,03	0.07
							25			MPBAT83001825	0,03	0.07
							3/4		MPBAQ830018190	MPBAT830018190	0,03	0.07
							1			MPBAT830018254	0,03	0.07
24	61,29	2.413	62,30	2.453	27,65	1.088	20			MPBAT83002420	0,07	0.15
							25		MPBAQ83002425	MPBAT83002425	0,06	0.13
							30			MPBAT83002430	0,05	0.11
							1		MPBAQ830024254	MPBAT830024254	0,06	0.13
							1 1/4			MPBAT830024317	0,05	0.11

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

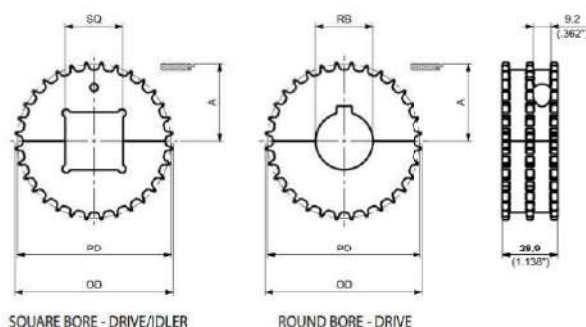
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

• 8300

MATERIALS

SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS



MACHINED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	Kg	lbs
32	81,59	3.212	82,60	3.252	37,80	1.488	25			MPBAST83003225	0,14	0.31
							30		MPBASQ83003230	MPBAST83003230	0,13	0.29
							35			MPBAST83003235	0,13	0.29
							40		MPBASQ83003240	MPBAST83003240	0,12	0.26
							1			MPBAST830032254	0,14	0.31
							1 1/4			MPBAST830032317	0,13	0.29
							1 1/2		MPBASQ830032331	MPBAST830032381	0,12	0.26
36	91,79	3.614	92,70	3.650	42,99	1.692	25			MPBAST83003625	0,20	0.44
							30		MPBASQ83003630	MPBAST83003630	0,19	0.42
							35			MPBAST83003635	0,18	0.40
							40		MPBASQ83003640	MPBAST83003640	0,17	0.37
							1			MPBAST830036254	0,20	0.44
							1 1/4			MPBAST830036317	0,19	0.42
							1 1/2		MPBASQ830036331	MPBAST830036381	0,18	0.40

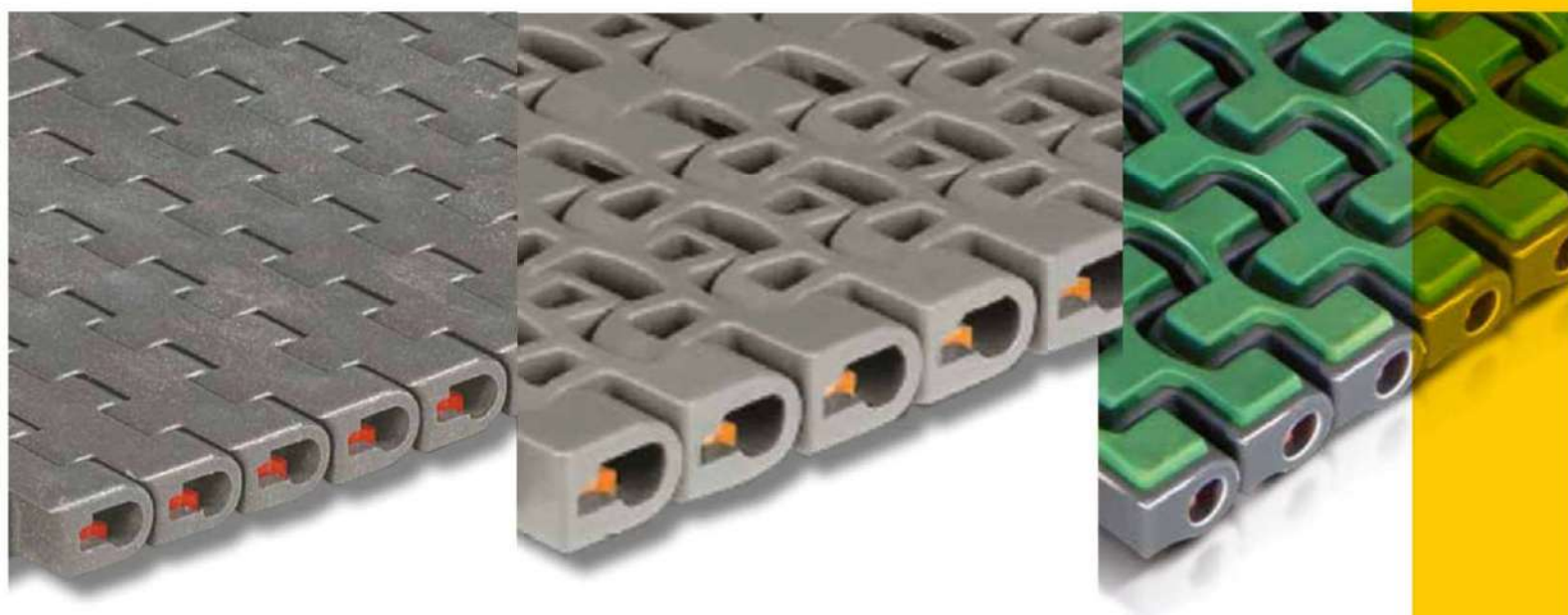
*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.



Matveyor[®]

1/2" Pitch Belts and Chains



INDUSTRIES AND APPLICATIONS

Suitable for handling small and unstable products (loose or packaged) in a linear transfer from the head of one conveyor to the next one.

INDUSTRIES

Bottling and canning
Food filling
Container manufacturing
Pharmaceutical
Paper/cardboard
Consumer goods

APPLICATIONS

Depalletizer
Mass conveyors
Accumulation tables
Infeed packaging machines
Packaged product convey
Product handling within packaging machine (narrow chains)



REGINA SHORT PITCH (1/2") BELTS

REGINA offers the most complete range of 1/2" pitch belts available on the market, all with 8,7 mm thickness, having the following technical and geometrical features:

- Top surface: solid, rubberized and flush grid.
- Bottom surface: flat (available for metric standard width only) or round.
- Width standard: metric (85 mm width increments) or imperial (3" width increments).
- Tracking guide: belts available with or without tracking guide, depending on the series.

The complete range of REGINA 1/2" pitch belts, together with their geometrical features and available materials is showed in the table below.

SERIES	TOP SURFACE	BOTTOM DESIGN	WIDTH STANDARD	TRACKING GUIDE VERSION		MODULE MATERIAL	RUBBER MATERIAL
				Without	With		
610	Solid	Round	Metric	Available	Available	NEW <i>E-FAST</i>  UP PP	
600	Solid	Flat	Metric	Available	Available	<i>E-FAST</i>  UP PP	
300	Solid	Round	Imperial	Available	Not available	<i>E-FAST</i>  UP PP	
500	Flush Grid	Flat	Metric	Available	Available	UP PP	
200	Flush Grid	Round	Imperial	Available	Not available	UP PP	
HF 510	Rubberized	Round	Metric	Available	Available	ULF PP	TPE
HF 200	Rubberized	Round	Imperial	Available	Not available	ULF PP	TPE
LBP 610	Rollers	Round	Metric	Available	Available	UP	

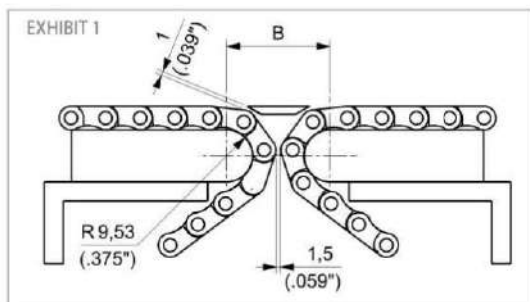
FEATURES

As a complement to its 1/2" pitch modular belts, REGINA proposes a complete range of nose-over transfer components, including static modular nose-over bars and an 8T sprocket, allowing for the following:

- Support products transfer from one conveyor to the next one
- Allow the belt to wrap around a small radius at the head of the conveyor, minimizing the deadplate width

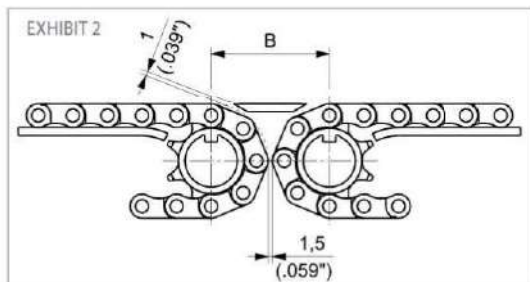
NOSE-OVER TRANSFER

Exhibit 1 and Exhibit 2 display the minimum recommended center to center distance between head transfer components (nosebar or 8T sprockets), depending on the belt series.



The minimum recommended chordal gap between belt and deadplate is 1 mm (0.039").

BELT SERIES	MINIMUM CENTER TO CENTER DISTANCE B	
	mm	inch
610, 300, 200	37,95	1.494
600, 500	40,76	1.604
HF 510, HF 200	41,95	1.652
LBP 610	57,37	2.258



The minimum recommended chordal gap between belt and deadplate is 1 mm (0.039").

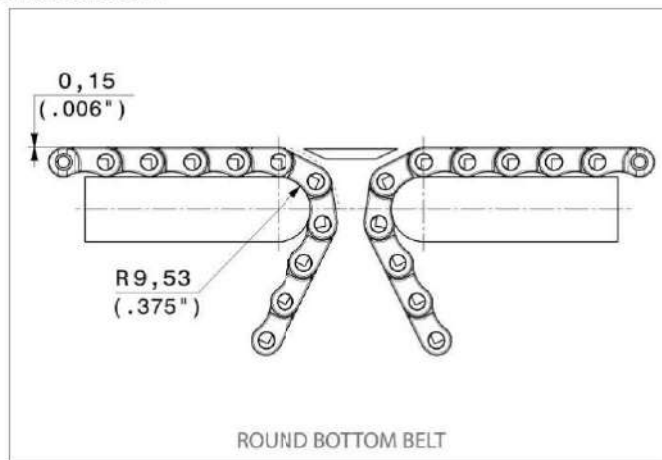
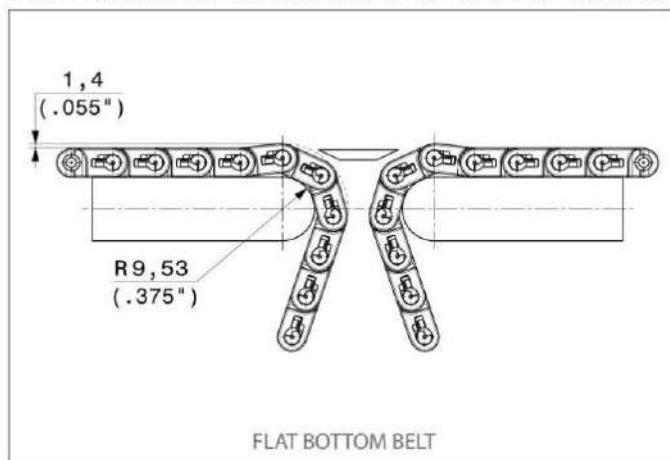
BELT SERIES	MINIMUM CENTER TO CENTER DISTANCE B	
	mm	inch
610, 300, 200	43,39	1.708
HF 510, HF 200	47,39	1.866
LBP 610	63,46	2.498

PRODUCT SELECTION

A critical aspect of choosing a REGINA solid top 1/2" pitch belt is to identify the best belt bottom contour suitable for the application (please refer to Exhibit 3). In particular:

- The round bottom design dramatically reduces the chordal effect when the belt engages with the nose-over bar
 - Such reduction is as high as 89%, from 1,4 mm of the flat-bottom to 0,15 mm of the round-bottom
- The flat bottom design guarantees a continuous contact between belt and wear strips
 - Such contact allows for less specific pressure than round bottom design

EXHIBIT 3 - COMPARISON BETWEEN REGINA SOLID TOP 1/2" PITCH FLAT BOTTOM AND ROUND BOTTOM BELTS DESIGN



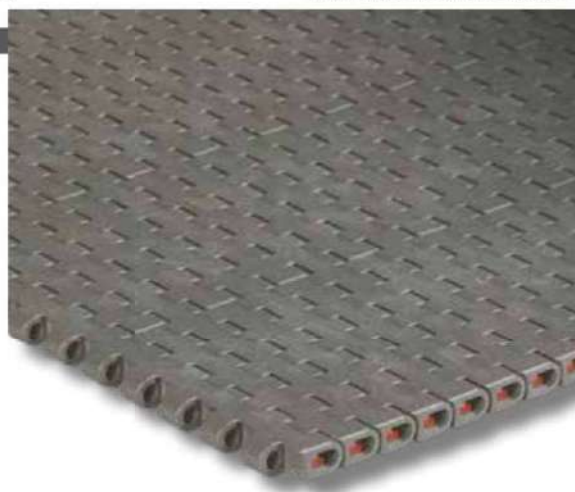
As a consequence:

- Round bottom surface design accomplishes greater product stability during end-to-end transfer.
- Flat bottom surface design minimizes belt wear.

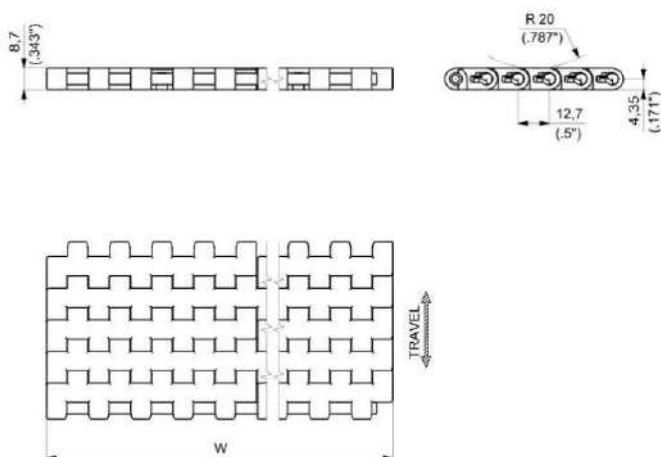
8,7 mm (0.343") THICKNESS SOLID TOP

This belt offers a smooth and completely closed surface to provide excellent support and minimize product tipping. Particularly suitable for conveyors where head transfer of products is required.

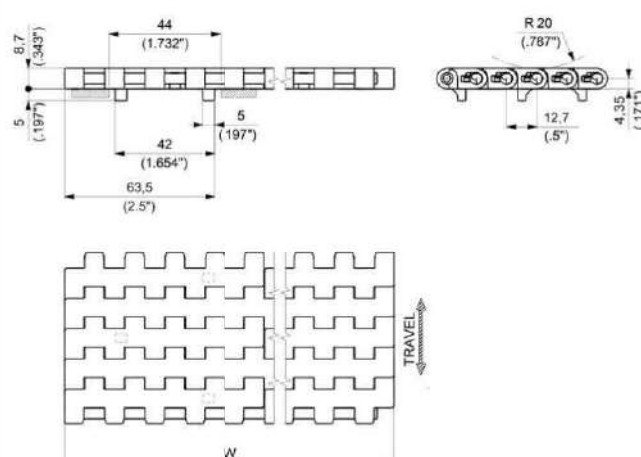
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **UP** and **DK²²** materials
10000 N/m (685 lbs/ft) for **PP** material
- **Belt weight:** 9,55 kg/m² (1.95 lbs/ft²) for **UP** and **DK²²** materials
6,46 kg/m² (1.32 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS								Pin
		Module								
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN ®		DK ²² SPECIAL DELRIN ® REINFORCED WITH KEVLAR ®		PP SPECIAL POLYPROPYLENE ⁽¹⁾				
		PART NUMBER		PART NUMBER		PART NUMBER				
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE			
mm	inch	600AUP0085	600AGUP0085	600AD2K0085	600AGD2K0085	600APP0085	600AGPP0085	PBT		
85	3.35									
170	6.69	600BUP0170	600BG1UP0170	600BD2K0170	600BG1D2K0170	600BPP0170	600BG1PP0170	POLYPROPYLENE (PBT on request)		
255	10.04	600BUP0255	600BG1UP0255	600BD2K0255	600BG1D2K0255	600BPP0255	600BG1PP0255			
340	13.39	600BUP0340	600BG1UP0340	600BD2K0340	600BG1D2K0340	600BPP0340	600BG1PP0340			
425	16.73	600BUP0425	600BG1UP0425	600BD2K0425	600BG1D2K0425	600BPP0425	600BG1PP0425			
510	20.08	600BUP0510	600BG1UP0510	600BD2K0510	600BG1D2K0510	600BPP0510	600BG1PP0510			
595	23.43	600BUP0595	600BG1UP0595	600BD2K0595	600BG1D2K0595	600BPP0595	600BG1PP0595			
680	26.77	600BUP0680	600BG1UP0680	600BD2K0680	600BG1D2K0680	600BPP0680	600BG1PP0680			
765	30.12	600BUP0765	600BG1UP0765	600BD2K0765	600BG1D2K0765	600BPP0765	600BG1PP0765			
850	33.46	600BUP0850	600BG1UP0850	600BD2K0850	600BG1D2K0850	600BPP0850	600BG1PP0850			
935	36.81	600BUP0935	600BG1UP0935	600BD2K0935	600BG1D2K0935	600BPP0935	600BG1PP0935			
1020	40.16	600BUP1020	600BG1UP1020	600BD2K1020	600BG1D2K1020	600BPP1020	600BG1PP1020			

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "600BUP1105".

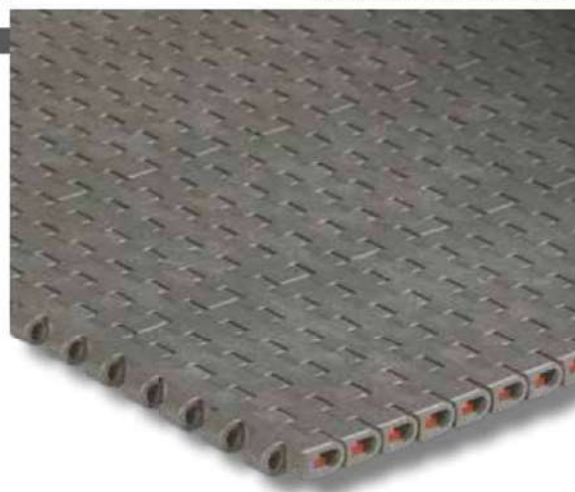


Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied at the length requested by the customer.

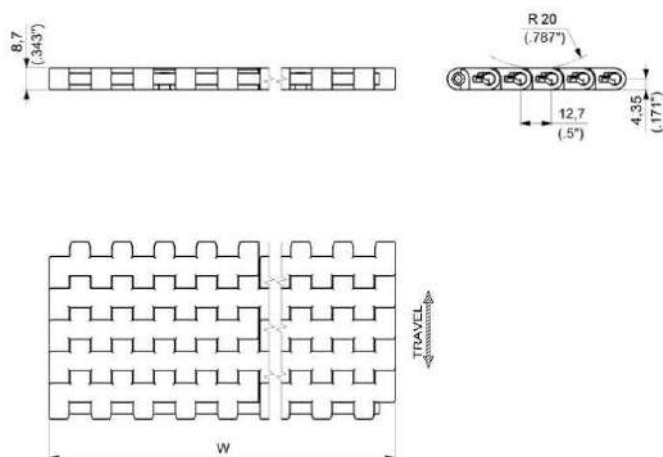
8,7 mm (0.343") THICKNESS SOLID TOP

This belt offers a smooth and completely closed surface to provide excellent support and minimize product tipping. Particularly suitable for conveyors where head transfer of products is required.

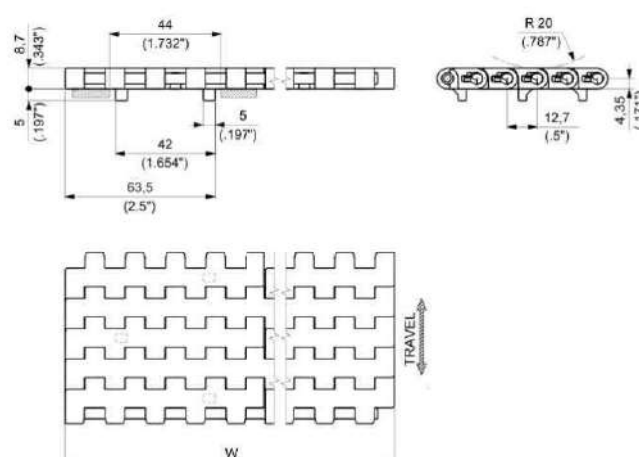
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **e-FAST** material
- **Belt weight:** 9,55 kg/m² (1.95 lbs/ft²) for **e-FAST** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS		Pin
		NEW  ECOLOGICAL FRICTION ABATING THERMOPLASTIC		
		PART NUMBER		
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	
mm	inch			
85	3.35	600AEF0085	600AGEF0085	PBT
170	6.69	600AEF0170	600AG1EF0170	
255	10.04	600AEF0255	600AG1EF0255	
340	13.39	600AEF0340	600AG1EF0340	
425	16.73	600AEF0425	600AG1EF0425	
510	20.08	600AEF0510	600AG1EF0510	
595	23.43	600AEF0595	600AG1EF0595	
680	26.77	600AEF0680	600AG1EF0680	
765	30.12	600AEF0765	600AG1EF0765	
850	33.46	600AEF0850	600AG1EF0850	
935	36.81	600AEF0935	600AG1EF0935	
1020	40.16	600AEF1020	600AG1EF1020	

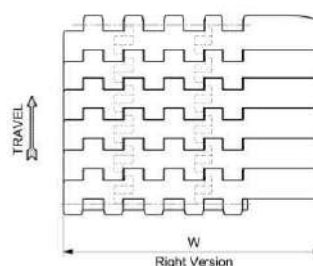
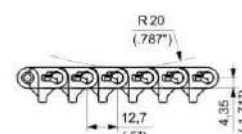
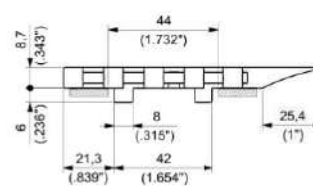
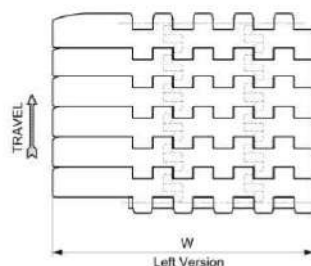
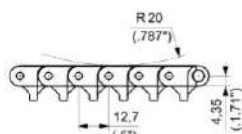
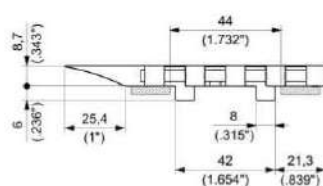
Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for EF material is "600AEF1105".



Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied at the length requested by the customer.

ACTIVE TRANSFER MODULES 8,7 mm (0.343") THICKNESS SOLID TOP

Active transfer modules 600G ATM series allow the transfer of the products between two 90° conveyor tracks without using dead plates.
Left and right version available.



Materials
see page 12



Sprockets
see pages 188÷191



Applications
see page 22

600G ATM - Left Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN* UP	POLYPROPYLENE	600BGATM UP 0085 SX	600BGATMUP085S	110	4.33	8,7	0.343	1190	268	0,96	0.64
	SPECIAL DELRIN* REINFORCED WITH KEVLAR* DK2	600BGATM D2K 0085 SX	600BGATMD2K085S	110	4.33	8,7	0.343	1190	268	0,96	0.64

600G ATM - Right Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN* UP	POLYPROPYLENE	600BGATM UP 0085 DX	600BGATMUP085D	110	4.33	8,7	0.343	1190	268	0,96	0.64
	SPECIAL DELRIN* REINFORCED WITH KEVLAR* DK2	600BGATM D2K 0085 DX	600BGATMD2K085D	110	4.33	8,7	0.343	1190	268	0,96	0.64



Standard packaging:
Rolls of 3,048 m (10 feet)

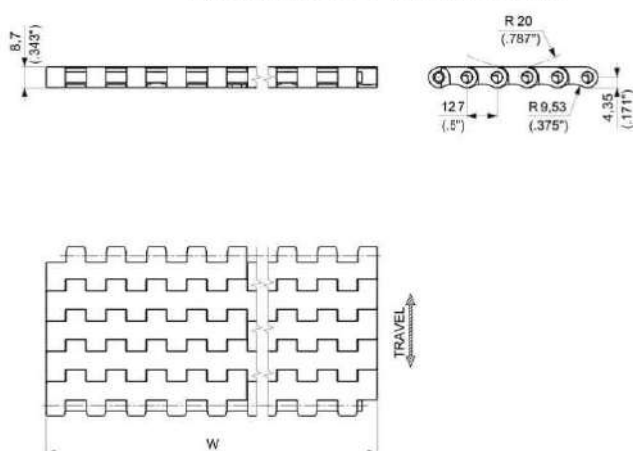
8,7 mm (0.343") THICKNESS SOLID TOP

The belt offers a completely closed top surface design for an excellent product support without tipping. The round bottom surface combined to the reduced pitch (1/2") provides the minimum chordal effect for an optimum head transfer of products. Particularly suitable for conveyors where a head transfer of products is required.

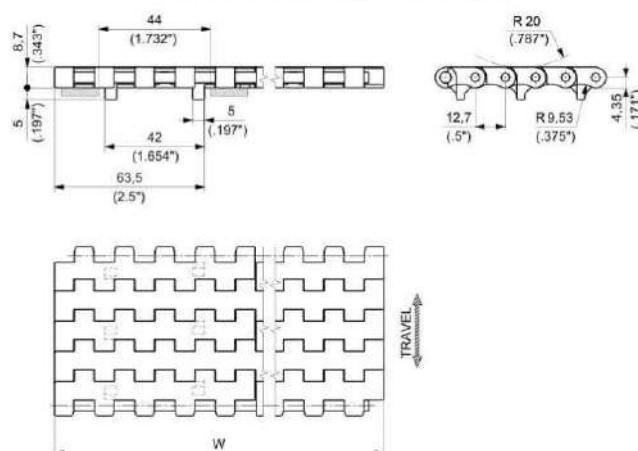
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **UP** and **DK²** materials
10000 N/m (685 lbs/ft) for **PP** material
- **Belt weight:** 9,55 kg/m² (1.96 lbs/ft²) for **UP** and **DK²** materials
6,46 kg/m² (1.32 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS							
		Module						Pin	
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN *		DK ² SPECIAL DELRIN * REINFORCED WITH KEVLAR *		PP SPECIAL POLYPROPYLENE ⁽¹⁾			
		PART NUMBER		PART NUMBER		PART NUMBER			
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
85	3.35	610AUP0085	610AGUP0085	610AD2K0085	610AGD2K0085	610APP0085	610AGPP0085	PBT	
170	6.69	610BUP0170	610BG1UP0170	610BD2K0170	610BG1D2K0170	610BPP0170	610BG1PP0170	POLYPROPYLENE (PBT on request)	
255	10.04	610BUP0255	610BG1UP0255	610BD2K0255	610BG1D2K0255	610BPP0255	610BG1PP0255		
340	13.39	610BUP0340	610BG1UP0340	610BD2K0340	610BG1D2K0340	610BPP0340	610BG1PP0340		
425	16.73	610BUP0425	610BG1UP0425	610BD2K0425	610BG1D2K0425	610BPP0425	610BG1PP0425		
510	20.08	610BUP0510	610BG1UP0510	610BD2K0510	610BG1D2K0510	610BPP0510	610BG1PP0510		
595	23.43	610BUP0595	610BG1UP0595	610BD2K0595	610BG1D2K0595	610BPP0595	610BG1PP0595		
680	26.77	610BUP0680	610BG1UP0680	610BD2K0680	610BG1D2K0680	610BPP0680	610BG1PP0680		
765	30.12	610BUP0765	610BG1UP0765	610BD2K0765	610BG1D2K0765	610BPP0765	610BG1PP0765		
850	33.46	610BUP0850	610BG1UP0850	610BD2K0850	610BG1D2K0850	610BPP0850	610BG1PP0850		
935	36.81	610BUP0935	610BG1UP0935	610BD2K0935	610BG1D2K0935	610BPP0935	610BG1PP0935		
1020	40.16	610BUP1020	610BG1UP1020	610BD2K1020	610BG1D2K1020	610BPP1020	610BG1PP1020		

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "600BUP1105".



Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

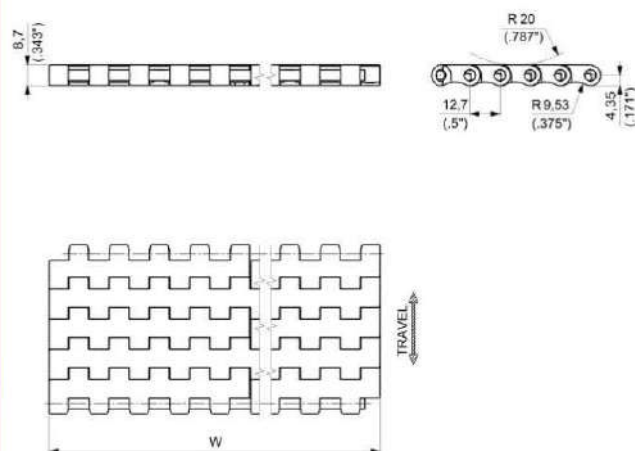
8,7 mm (0.343") THICKNESS SOLID TOP

The belt offers a completely closed top surface design for an excellent product support without tipping. The round bottom surface combined to the reduced pitch (1/2") provides the minimum chordal effect for an optimum head transfer of products. Particularly suitable for conveyors where a head transfer of products is required.

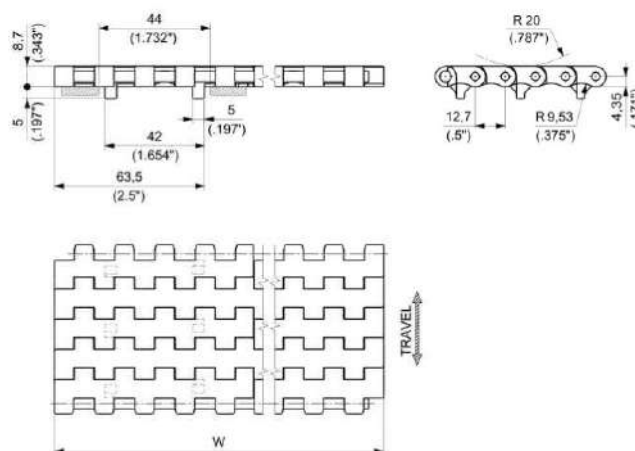
- Belt widths: 85 mm (3.346") or wider in 85 mm (3.346") increments
- Working Load (at 25°C/77°F): 14000 N/m (960 lbs/ft) for **e-F.A.S.T.** material
- Belt weight: 9,55 kg/m² (1.95 lbs/ft²) for **e-F.A.S.T.** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS		Pin
		NEW e-F.A.S.T. ECOLOGICAL FRICTION ABATING THERMOPLASTIC		
		PART NUMBER		PBT
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	
85	3.35	610AEF0085	610AGEF0085	
170	6.69	610AEF0170	610AG1EF0170	
255	10.04	610AEF0255	610AG1EF0255	
340	13.39	610AEF0340	610AG1EF0340	
425	16.73	610AEF0425	610AG1EF0425	
510	20.08	610AEF0510	610AG1EF0510	
595	23.43	610AEF0595	610AG1EF0595	
680	26.77	610AEF0680	610AG1EF0680	
765	30.12	610AEF0765	610AG1EF0765	
850	33.46	610AEF0850	610AG1EF0850	
935	36.81	610AEF0935	610AG1EF0935	
1020	40.16	610AEF1020	610AG1EF1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the P/N with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for EF material is "610AEF1105".



Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

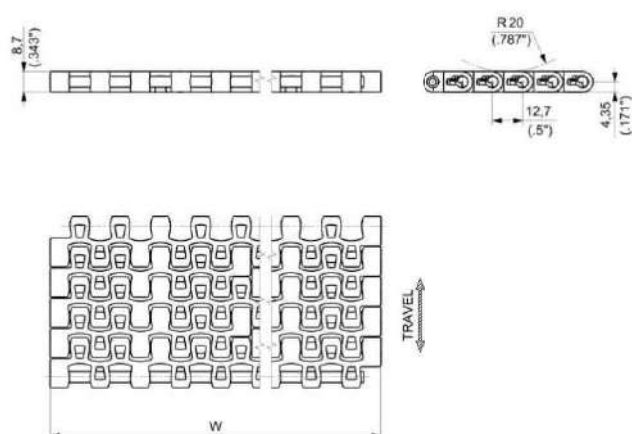
8,7 mm (0.343") THICKNESS FLUSH GRID

Excellent combination of support and open area (21%).
Optimum drainage of liquids and good support of the conveyed products.
Particularly suitable for conveyors where the head transfer of products is required.

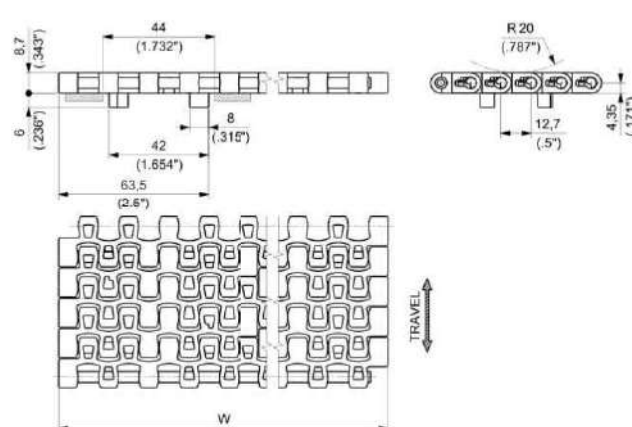
- Belt widths: 85 mm (3.346") or wider in 85 mm (3.346") increments
- Working Load (at 25°C/77°F): 14000 N/m (960 lbs/ft) for **UP** material
10000 N/m (685 lbs/ft) for **PP** material
- Belt weight: 7,06 kg/m² (1.45 lbs/ft²) for **UP** material
4,76 kg/m² (0.97 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188÷192



Applications
see page 22

WIDTH W		MATERIALS				Pin
		Module				
		UPULTRA PERFORMANCE HOMOPOLYMER DELRIN®		PPSPECIAL POLYPROPYLENE ⁽¹⁾		
		PART NUMBER		PART NUMBER		
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	
mm	inch					
85	3.35	500AUP0085	500AGUP0085	500APP0085	500AGPP0085	PBT
170	6.69	500BUP0170	500BG1UP0170	500BPP0170	500BG1FP0170	POLYPROPYLENE (PBT on request)
255	10.04	500BUP0255	500BG1UP0255	500BPP0255	500BG1FP0255	
340	13.39	500BUP0340	500BG1UP0340	500BPP0340	500BG1FP0340	
425	16.73	500BUP0425	500BG1UP0425	500BPP0425	500BG1FP0425	
510	20.08	500BUP0510	500BG1UP0510	500BPP0510	500BG1FP0510	
595	23.43	500BUP0595	500BG1UP0595	500BPP0595	500BG1FP0595	
680	26.77	500BUP0680	500BG1UP0680	500BPP0680	500BG1FP0680	
765	30.12	500BUP0765	500BG1UP0765	500BPP0765	500BG1FP0765	
850	33.46	500BUP0850	500BG1UP0850	500BPP0850	500BG1FP0850	
935	36.81	500BUP0935	500BG1UP0935	500BPP0935	500BG1FP0935	
1020	40.16	500BUP1020	500BG1UP1020	500BPP1020	500BG1FP1020	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "500BUP1105".

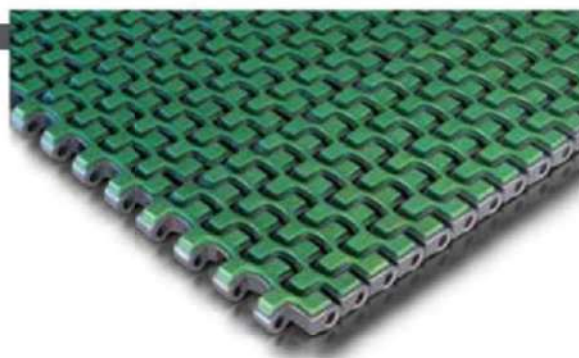


Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

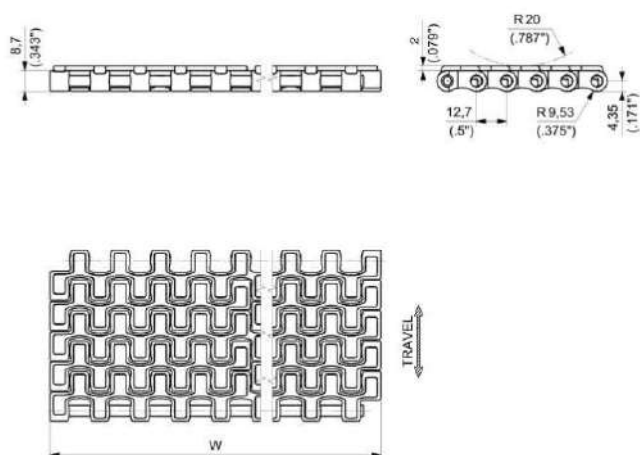
8,7 mm (0.343") THICKNESS RUBBERIZED SURFACE

Belt designed for handling packed containers like boxes, multi packs and cases in packaging lines. It is the optimal solution for high speed stop belts, metering belts, etc. The rubberized area is maximized, both in the transversal and longitudinal direction, reducing gaps between the rubber pads.

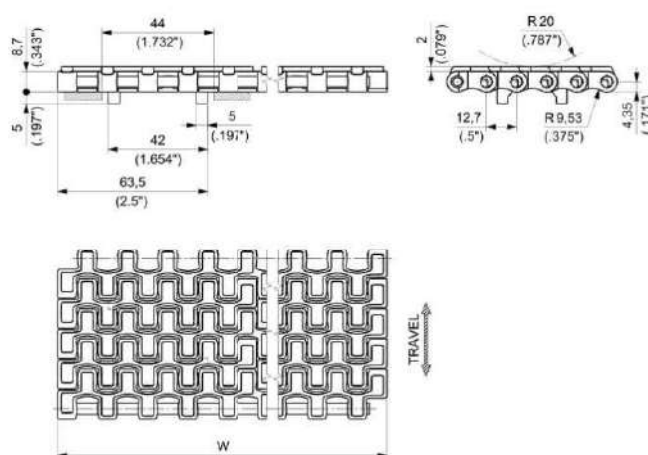
- Belt widths: 85 mm (3.346") or wider in 85 mm (3.346") increments
- Working Load (at 25°C/77°F): 14000 N/m (960 lbs/ft) for **ULF** material
- Belt weight: 9,14 kg/m² (1.87 lbs/ft²) for **ULF** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188÷192



Applications
see page 22

WIDTH W		MATERIALS			
		Module		Rubber	Pin
		ULF ULTRA LOW FRICTION POLYESTER RESIN			
		PART NUMBER			
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	THERMOPLASTIC TPE Hardness: 55 ShA	POM
85	3.35	HF510ULF0085	HF510GULF0085		
170	6.69	HF510ULF0170	HF510G1ULF0170		
255	10.04	HF510ULF0255	HF510G1ULF0255		
340	13.39	HF510ULF0340	HF510G1ULF0340		
425	16.73	HF510ULF0425	HF510G1ULF0425		
510	20.08	HF510ULF0510	HF510G1ULF0510		
595	23.43	HF510ULF0595	HF510G1ULF0595		
680	26.77	HF510ULF0680	HF510G1ULF0680		
765	30.12	HF510ULF0765	HF510G1ULF0765		
850	33.46	HF510ULF0850	HF510G1ULF0850		
935	36.81	HF510ULF0935	HF510G1ULF0935		
1020	40.16	HF510ULF1020	HF510G1ULF1020		

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN is "HF510ULF1105".
For HF 510 belts in PP material see next page.

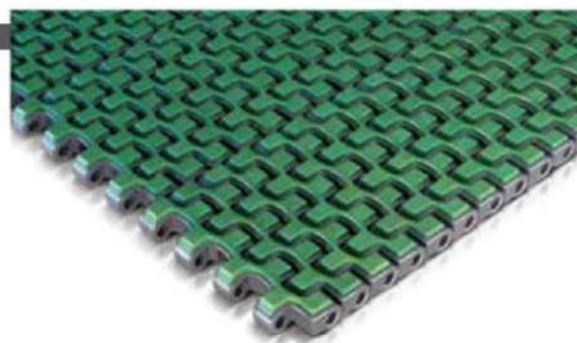


Standard packaging:
Belt widths ≤ 170 mm (6.63") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 255 mm (10.04") and ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

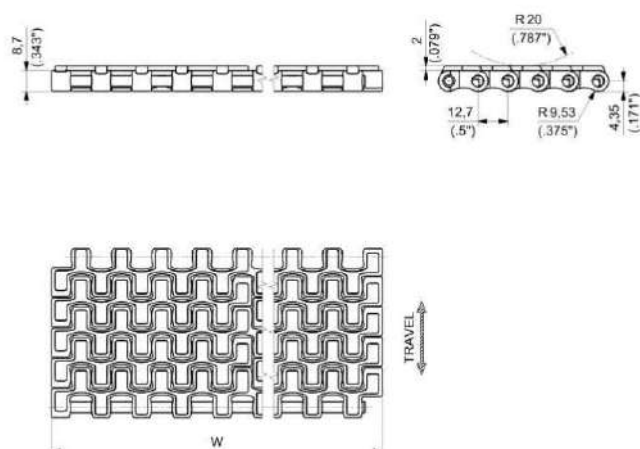
8,7 mm (0.343") THICKNESS RUBBERIZED SURFACE

Belt designed for handling packed containers like boxes, multi packs and cases in packaging lines. It is the optimal solution for high speed stop belts, metering belts, etc. The rubberized area is maximized, both in the transversal and longitudinal direction, reducing gaps between the rubber pads.

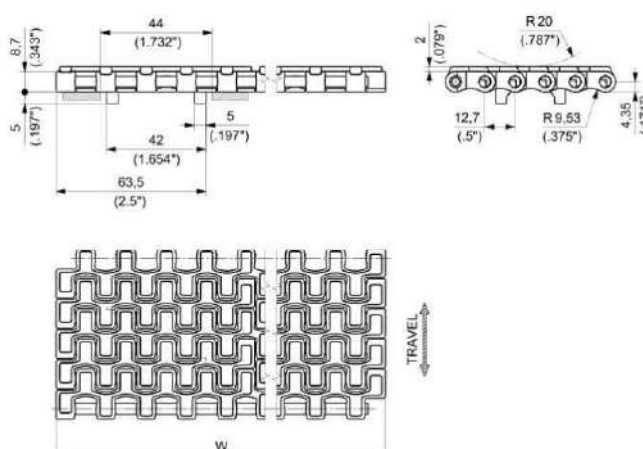
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 10000 N/m (685 lbs/ft) for **PP** material
- **Belt weight:** 7,47 kg/m² (1.53 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		Module		Rubber	Pin
		SPECIAL PP POLYPROPYLENE ⁽¹⁾			
		PART NUMBER			
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
mm	inch			THERMOPLASTIC TPE Hardness: 50 ShA	PBT
85	3.35	HF510APP0085	HF510AGPP0085		
170	6.69	HF510APP0170	HF510AG1PP0170		
255	10.04	HF510APP0255	HF510AG1PP0255		
340	13.39	HF510APP0340	HF510AG1PP0340		
425	16.73	HF510APP0425	HF510AG1PP0425		
510	20.08	HF510APP0510	HF510AG1PP0510		
595	23.43	HF510APP0595	HF510AG1PP0595		
680	26.77	HF510APP0680	HF510AG1PP0680		
765	30.12	HF510APP0765	HF510AG1PP0765		
850	33.46	HF510APP0850	HF510AG1PP0850		
935	36.81	HF510APP0935	HF510AG1PP0935		
1020	40.16	HF510APP1020	HF510AG1PP1020		

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for PP material is "HF510APP1105".
For HF 510 belts in ULF material see previous page.



Standard packaging:
Belt widths ≤ 170 mm (6.63") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 255 mm (10.04") and ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

8,7 mm (0.343") THICKNESS LBP ROLLERS

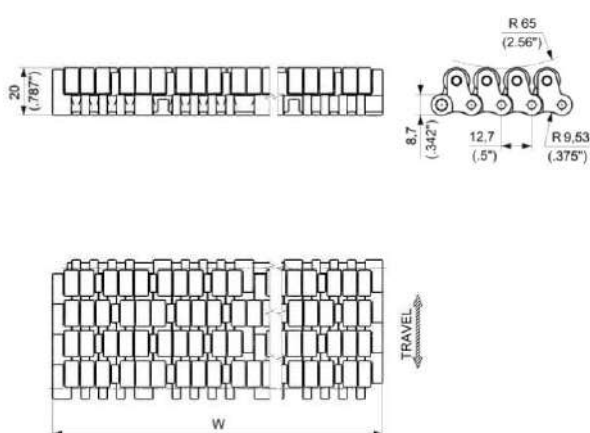
NEW



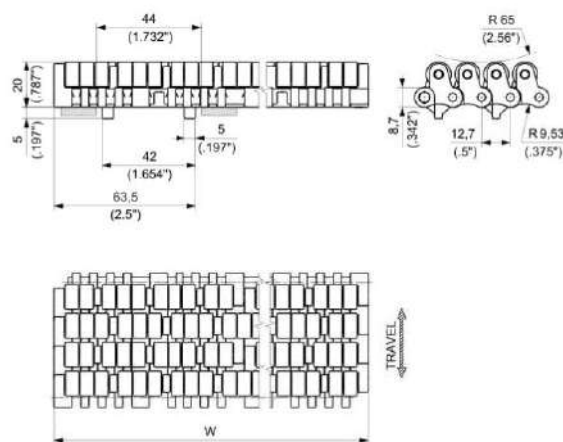
Designed for accumulating applications where efficient nose-over transfer is required. The round bottom surface, combined with the 1/2" pitch, provides the minimum chordal effect minimizing dead plates.

- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 27000 N/m (1,850 lbs/ft)
- **Belt weight:** 18,3 kg/m² (3.75 lbs/ft²)

VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS		Pin
		Module and Roller		
		UP	ULTRA PERFORMANCE HOMOPOLYMER DELRIN ®	
		PART NUMBER		
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	PBT
85	3.35	LBP610AUP0085	LBP610AGUP0085	
170	6.69	LBP610AUP0170	LBP610AG1UP0170	
255	10.04	LBP610AUP0255	LBP610AG1UP0255	
340	13.39	LBP610AUP0340	LBP610AG1UP0340	
425	16.73	LBP610AUP0425	LBP610AG1UP0425	
510	20.08	LBP610AUP0510	LBP610AG1UP0510	
595	23.43	LBP610AUP0595	LBP610AG1UP0595	
680	26.77	LBP610AUP0680	LBP610AG1UP0680	
765	30.12	LBP610AUP0765	LBP610AG1UP0765	
850	33.46	LBP610AUP0850	LBP610AG1UP0850	
935	36.81	LBP610AUP0935	LBP610AG1UP0935	
1020	40.16	LBP610AUP1020	LBP610AG1UP1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN is "LBP610AUP1105".

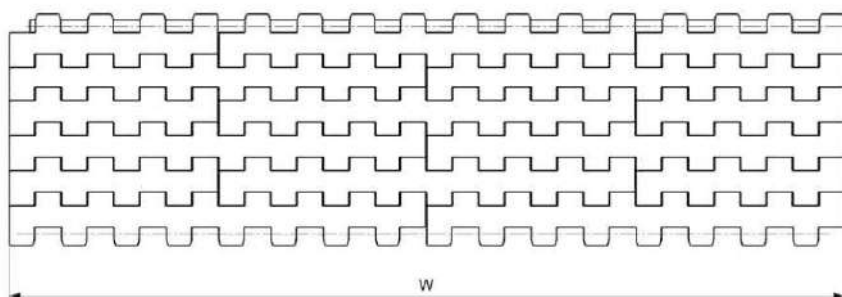
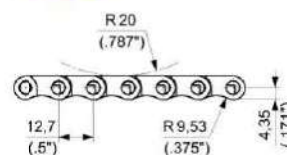


Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 765 mm (30.12") and ≤ 935 mm (36.81") are supplied in rolls of 1,016 m (3.33 ft) each.
Belt widths ≥ 1020 mm (40.16") are supplied in the length requested by the customer.

8,7 mm (0.343") THICKNESS SOLID TOP

The belt offers a completely closed top surface design for an excellent product support without tipping. The round bottom surface combined with the reduced pitch (1/2") transfer of products, provides the minimal chordal effect for an optimum head transfer of products.

- **Belt widths:** 114,3 mm (4 1/2"), 76,2 mm (3") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **UP**, **DK²** and **e-F.A.S.T.** materials
10000 N/m (685 lbs/ft) for **PP** materials
- **Belt weight:** 9,52 kg/m² (1.95 lbs/ft²) for **UP**, **DK²** and **e-F.A.S.T.** materials
6,55 kg/m² (1.34 lbs/ft²) for **PP** material



TRAVEL



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS				Pin
		Module				
		 UP	 DK2	 PP	 NEW e-F.A.S.T.	
		ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	SPECIAL DELRIN® REINFORCED WITH KEVLAR®	SPECIAL POLYPROPYLENE ⁽¹⁾	ECOLOGICAL FRICTION ABATING THERMOPLASTIC	
mm	inch	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	
114,3	4.5	300AUPKG/000	300AD2KKG/000	300APPKG/000	300AEFKG/000	PBT
76,2	3	300BUP003	300BD2K003	300BPP003	300AEF003	PBT for e-F.A.S.T. material POLYPROPYLENE for all other materials (PBT on request for all other materials)
152,4	6	300BUP006	300BD2K006	300BPP006	300AEF006	
228,6	9	300BUP009	300BD2K009	300BPP009	300AEF009	
304,8	12	300BUP012	300BD2K012	300BPP012	300AEF012	
381,0	15	300BUP015	300BD2K015	300BPP015	300AEF015	
457,2	18	300BUP018	300BD2K018	300BPP018	300AEF018	
533,4	21	300BUP021	300BD2K021	300BPP021	300AEF021	
609,6	24	300BUP024	300BD2K024	300BPP024	300AEF024	
685,8	27	300BUP027	300BD2K027	300BPP027	300AEF027	
762,0	30	300BUP030	300BD2K030	300BPP030	300AEF030	
838,2	33	300BUP033	300BD2K033	300BPP033	300AEF033	
914,4	36	300BUP036	300BD2K036	300BPP036	300AEF036	
990,6	39	300BUP039	300BD2K039	300BPP039	300AEF039	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 990,6 mm (39") are available in 76,2 (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 42" wide belt (=39+3 inches), the PN for UP material is "300BUP042".



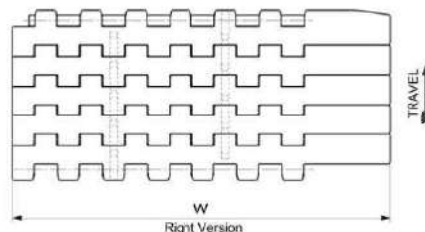
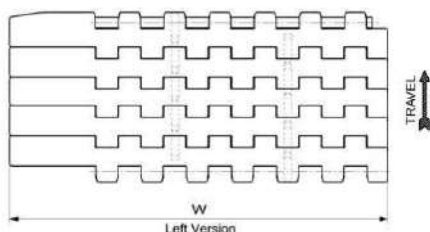
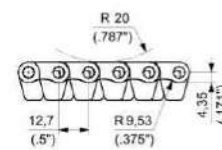
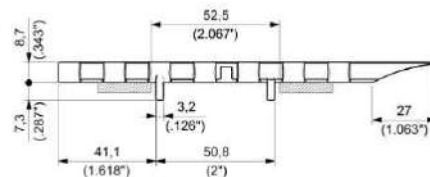
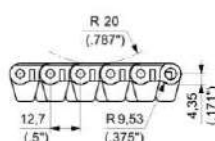
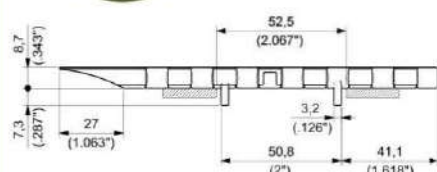
Standard packaging:
114,3 mm (4.5") wide belt is supplied in rolls of 3,048 m (10ft) each.
Other belt widths are supplied in the length requested by the customer.

ACTIVE TRANSFER MODULES

8,7 mm (0.343") THICKNESS

SOLID TOP

Active transfer modules 300G ATM series allow the transfer of the products between two 90° conveyor tracks without using dead plates. Left and right version in available.



300G ATM - Left Version



MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	300AGATV UP 450 LH	300AGATMUP450LH	160	6.30	8,7	0.343	1190	268	1,42	0.95
		300AGATV D2K 450 LH	300AGATMD2K450LH	160	6.30	8,7	0.343	1190	268	1,42	0.95

300G ATM - Right Version

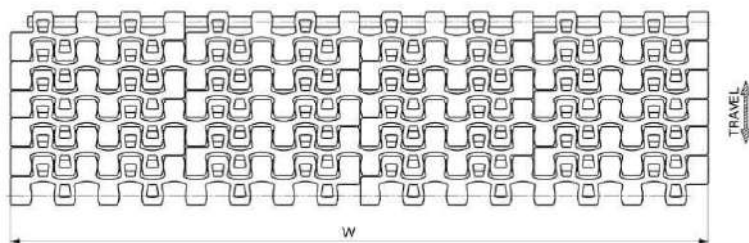
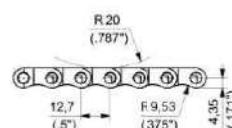
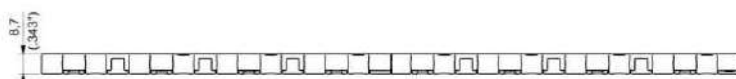
MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	300AGATM UP 450 RH	300AGATMUP450RH	160	6.30	8,7	0.343	1190	268	1,42	0.95
		300AGATM D2K 450 RH	300AGATMD2K450RH	160	6.30	8,7	0.343	1190	268	1,42	0.95



8,7 mm (0.343") THICKNESS FLUSH GRID

The belt offers an excellent combination of support and open area for optimal liquid and air flow-through where frequent cleaning is required.

- **Belt widths:** 76,2 mm (3") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **UP** material
10000 N/m (685 lbs/ft) for **PP** material
- **Belt weight:** 7,60 kg/m² (1.56 lbs/ft²) for **UP** material
5,44 kg/m² (1.11 lbs/ft²) for **PP** material



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS		
		Module		Pin
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	PP SPECIAL POLYPROPYLENE ⁽¹⁾	
		PART NUMBER	PART NUMBER	
76,2	3	200BUP003	200BPP003	POLYPROPYLENE (PBT on request)
152,4	6	200BUP006	200BPP006	
228,6	9	200BUP009	200BPP009	
304,8	12	200BUP012	200BPP012	
381,0	15	200BUP015	200BPP015	
457,2	18	200BUP018	200BPP018	
533,4	21	200BUP021	200BPP021	
609,6	24	200BUP024	200BPP024	
685,8	27	200BUP027	200BPP027	
762,0	30	200BUP030	200BPP030	
838,2	33	200BUP033	200BPP033	
914,4	36	200BUP036	200BPP036	
990,6	39	200BUP039	200BPP039	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

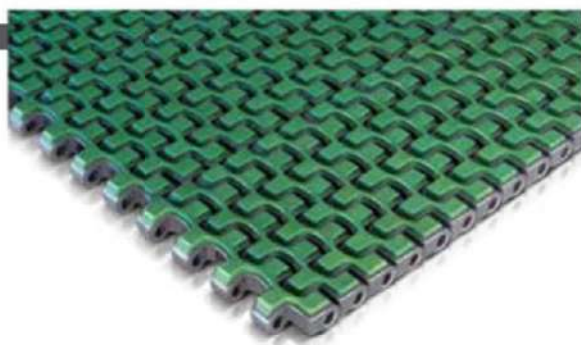
Belts wider than 990,6 mm (39") are available in 76,2 (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 42" wide belt (=39+3 inches), the PN for UP material is '200BUP042'.



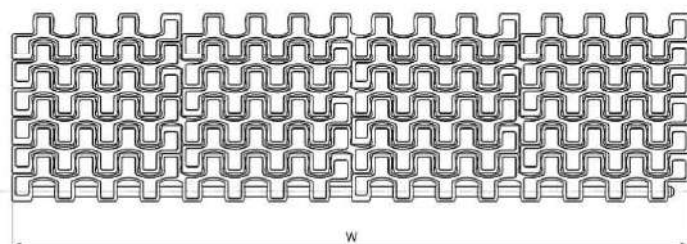
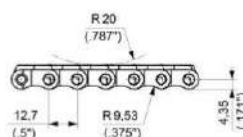
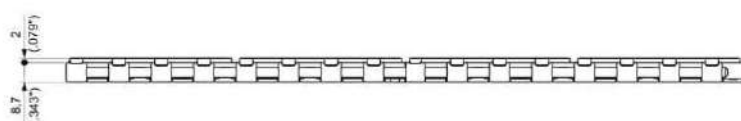
Standard packaging:
Belts are supplied in the length requested by the customer.

8,7 mm (0.343") THICKNESS RUBBERIZED SURFACE

Belt designed for handling packed containers like boxes, multi packs and cases in packaging lines. It is the optimal solution for high speed stop belts, metering belts, etc. The rubberized area is maximized, both in transversal and longitudinal direction, reducing gaps between the rubber pads.



- **Belt widths:** 76,2 mm (3") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 14000 N/m (960 lbs/ft) for **ULF** material
10000 N/m (685 lbs/ft) for **PP** material
- **Belt weight:** 8,86 kg/m² (1.81 lbs/ft²) for **ULF** material
7,32 kg/m² (1.50 lbs/ft²) for **PP** material



Materials
see page 12



Nosebar
see page 181



Sprockets
see pages 188+192



Applications
see page 22

WIDTH W		MATERIALS			
		Module		Rubber	Pin
		ULF ULTRA LOW FRICTION POLYESTER RESIN	PP SPECIAL POLYPROPYLENE ⁽¹⁾		
		PART NUMBER	PART NUMBER		
76,2	3	HF200ULF003	HF200APP003	THERMOPLASTIC TPE Hardness: 55 ShA for ULF material 50 ShA for PP material	POM for ULF material PBT for PP material
152,4	6	HF200ULF006	HF200APP006		
228,6	9	HF200ULF009	HF200APP009		
304,8	12	HF200ULF012	HF200APP012		
381,0	15	HF200ULF015	HF200APP015		
457,2	18	HF200ULF018	HF200APP018		
533,4	21	HF200ULF021	HF200APP021		
609,6	24	HF200ULF024	HF200APP024		
685,8	27	HF200ULF027	HF200APP027		
762,0	30	HF200ULF030	HF200APP030		
838,2	33	HF200ULF033	HF200APP033		
914,4	36	HF200ULF036	HF200APP036		
990,6	39	HF200ULF039	HF200APP039		

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

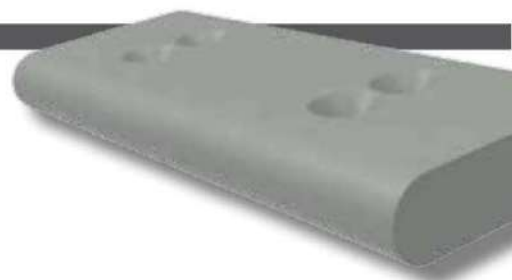
Belts wider than 990,6 mm (39") are available in 76,2 (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 42" wide belt (=39+3 inches), the PN for ULF material is "HF200ULF042".



Standard packaging:
Belts are supplied in the length requested by the customer.

STATIC NOSEBAR FOR END-TO-END TRANSFER

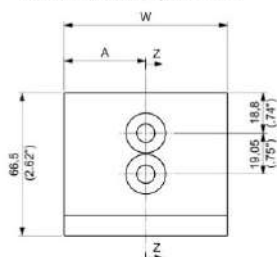
The nosebar is supplied in a machined modular design having an edge curved contour with a radius that fits exactly the 1/2" pitch belts. The design, combined with UHMWPE material improved with self-lubricating additives, ensures decreased wear of belt and nosebar and constant low friction. The nosebar is fittable to the conveyor structure with M8 flat head screws (NOT INCLUDED).



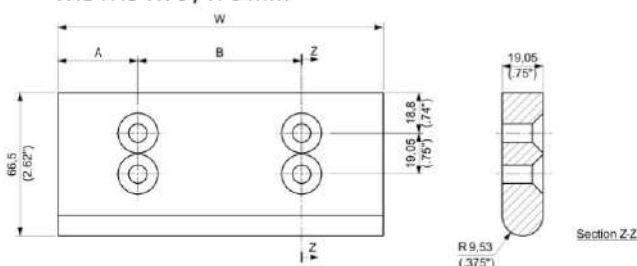
MATERIALS

Nosebar: **SUPREME-L** Self-lubricating UHMWPE

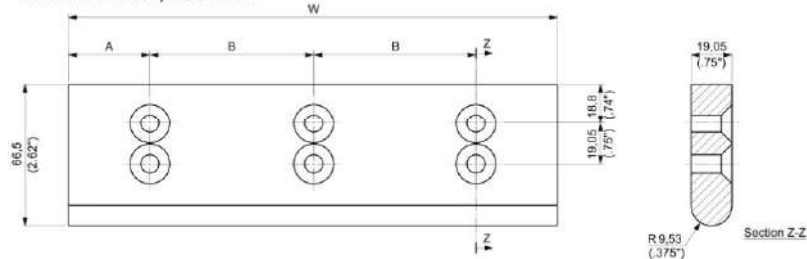
WIDTHS W: 3", 85 mm



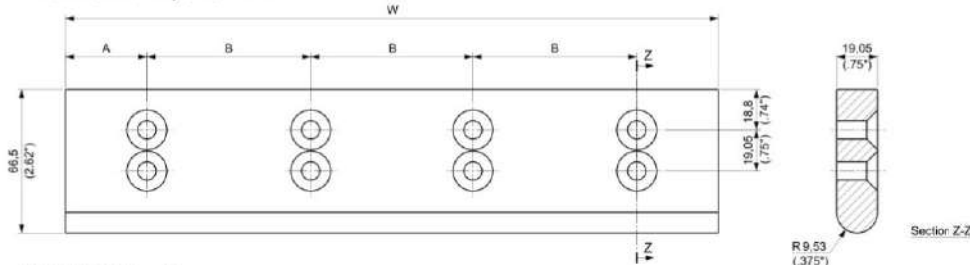
WIDTHS W: 6", 170 mm



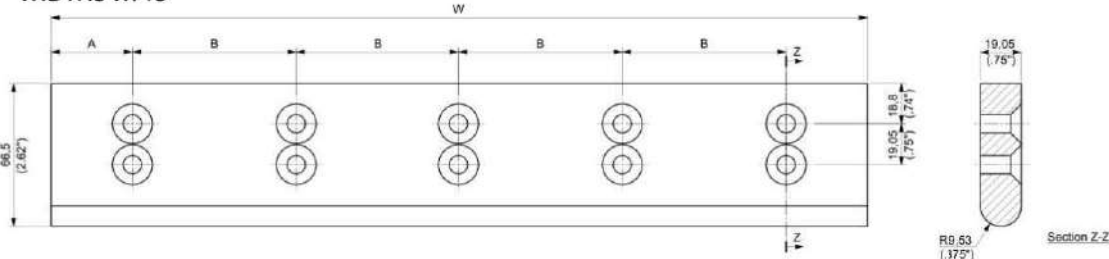
WIDTHS W: 9", 255 mm



WIDTHS W: 12", 340 mm



WIDTHS W: 15"



Materials
see page 14

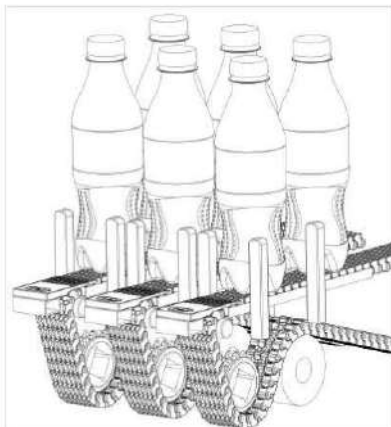
PART NUMBER	WIDTH W		A		B		WEIGHT		FOR BELTS SERIES
	mm	inch	mm	inch	mm	inch	kg	lbs	
CC000206	85,0	3.35	42,5	1.67	-	-	0,10	0.22	610 / 600
CC000207	170,0	6.69	42,5	1.67	85,0	3.35	0,19	0.42	LBP 610
CC000208	255,0	10.04	42,5	1.67	85,0	3.35	0,29	0.63	500
CC000209	340,0	13.39	42,5	1.67	85,0	3.35	0,38	0.84	HF 510
CC000201	76,2	3.00	38,1	1.50	-	-	0,09	0.19	
CC000202	152,4	6.00	38,1	1.50	76,2	3.00	0,17	0.37	300
CC000203	228,6	9.00	38,1	1.50	76,2	3.00	0,26	0.56	200
CC000204	304,8	12.00	38,1	1.50	76,2	3.00	0,34	0.75	HF 200
CC000205	381,0	15.00	38,1	1.50	76,2	3.00	0,43	0.94	

INDUSTRIES AND APPLICATIONS

611 and RR 611 series comprise conveyor chains dedicated to the product dynamic dividing area of packaging machines. In this area, individual containers (made of plastic, metal or glass) are conveyed to the pack formation area, where the containers are clustered in the required format by dividing bars, electronically synchronized with the conveyor chains.

INDUSTRIES

Bottling and canning
Food filling
Container manufacturing
Pharmaceutical
Paper/cardboard
Consumer goods



FEATURES

- 1/2" pitch combined with curved bottom contour provides chordal effect minimization, down to 0,15 mm with a 3/4" diameter nosebar, maximizing product stability during travel and head transfer.
- Raised rib surface with special "Z" design (RR611 series) allows the best support for the most unstable products like PET bottles with petaloid bottom.
- Clipless assembly of the modules, easing chain installation on the machines with no risk of pin disassembly in application.
- The most complete range of 1/2" pitch narrow chains available on the market, with widths that range from 29 mm to 76,2 mm, that makes possible conveying all type of containers.



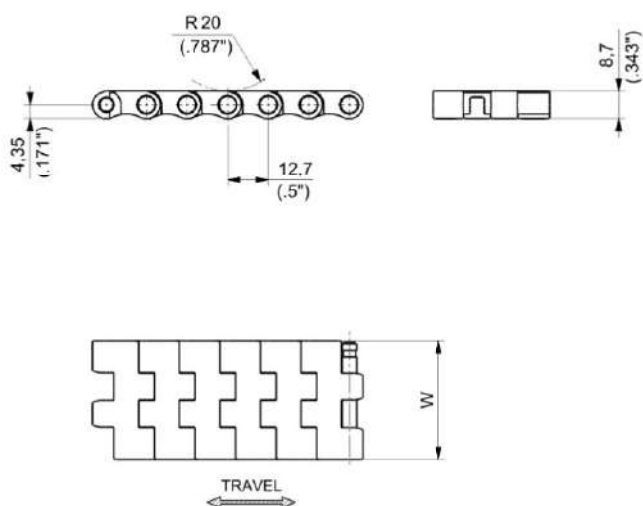
8,7 mm (0.343") THICKNESS SOLID TOP

1/2" pitch chain, combined with curved bottom contour provides chordal effect minimization, down to 0,15 mm with a 3/4" diameter nosebar, with the maximization of product stability during travel and head transfer.

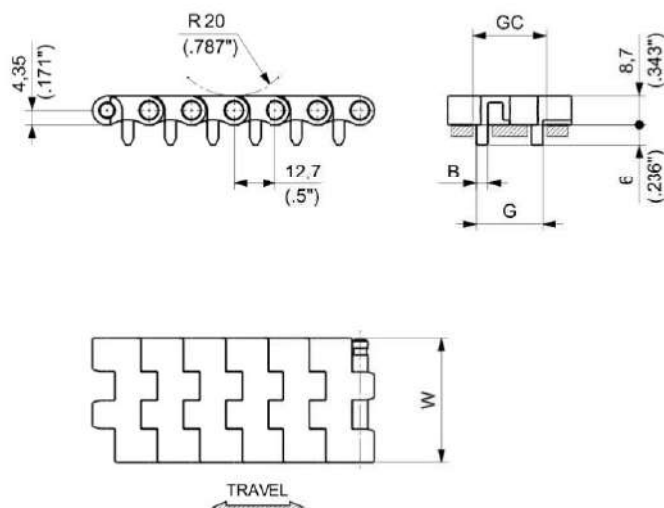
NEW



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 186÷191



Applications
see page 22

MATERIALS		VERSION	ITEM DESCRIPTION	PART NUMBER	WIDTH W		GUIDE TRACK GC		INTERNAL GUIDE G		TRACKING GUIDE THICKNESS B		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	WITHOUT TRACKING GUIDE	611A UP K 34	611AUPKAA/000	34	1.34	-	-	-	-	-	-	570	128	0,32	0.22
			611A UP K 37	611AUPKAD/000	37	1.46	-	-	-	-	-	-	570	128	0,35	0.24
			611A UP K 51	611AUPKB/000	51	2.01	-	-	-	-	-	-	570	128	0,49	0.33
			611A UP K 76	611AUPKDA/000	76	2.99	-	-	-	-	-	-	1.067	240	0,75	0.50
		WITH TRACKING GUIDE	611AG UP K 29	611AGUPKWB/000	29	1.14	21,8	0.86	198	0.79	3,40	0.134	570	128	0,29	0.19
			611AG UP K 34	611AGUPKAA/000	34	1.34	21,8	0.86	198	0.79	3,40	0.630	570	128	0,34	0.23
			611AG UP K 37	611AGUPKAD/000	37	1.46	21,8	0.86	198	0.79	3,40	0.630	570	128	0,37	0.25
			611AG UP K 51	611AGUPKB/000	51	2.01	37,8	1.49	358	1.41	5,00	0.926	570	128	0,52	0.35
			611AG UP K 76	611AGUPKDA/000	76	2.99	45,0	1.78	430	1.69	5,25	0.207	1.067	240	0,77	0.52



Standard packaging:
Rolls of 3,048 m (10 feet)

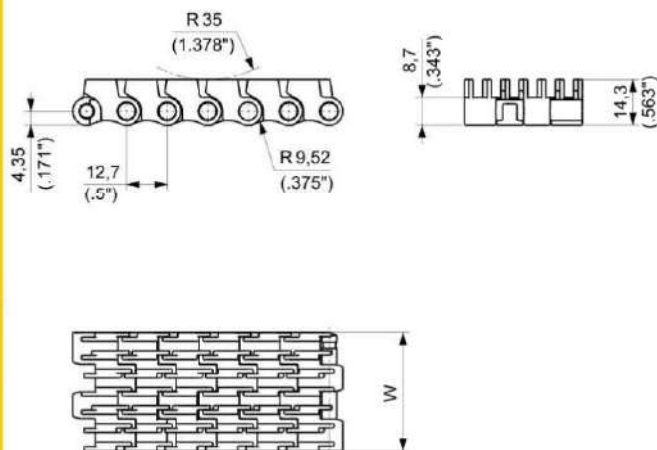
8,7 mm (0.343") THICKNESS RAISED RIB

Raised rib surface with special "Z" design guarantees the best support for the most unstable products like PET bottles with petaloid base.

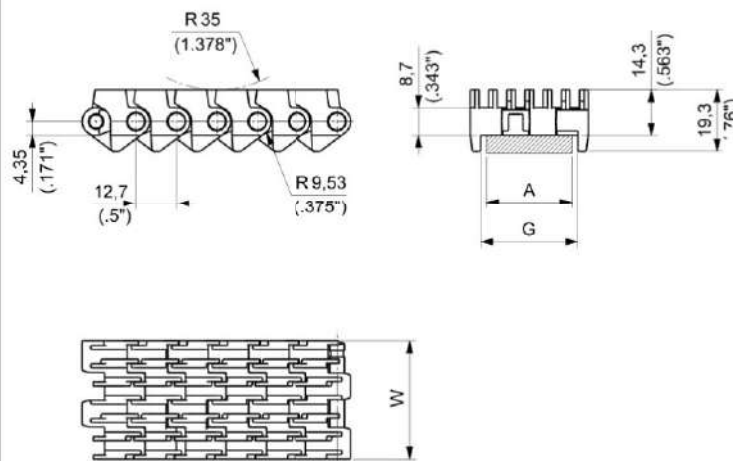
NEW



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Combs
see page 185



Sprockets
see pages 188+191



Applications
see page 22

MATERIALS		VERSION	ITEM DESCRIPTION	PART NUMBER	WIDTH W		INTERNAL GUIDE G		GUIDE TRACK A		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	WITHOUT TRACKING GUIDE	RR611A UP K 29	RR611AUPKWB/000	29	1.14	-	-	-	-	570	128	0,37	0.25
			RR611A UP K 37	RR611AUPKAD/000	37	1.46	-	-	-	-	570	128	0,47	0.32
			RR611A UP K 46	RR611AUPKNA/000	46	1.81	-	-	-	-	570	128	0,57	0.38
			RR611A UP K 55	RR611AUPKCB/000	55	2.17	-	-	-	-	570	128	0,69	0.46
			RR611A UP K 76	RR611AUPKDA/000	76	2.99	-	-	-	-	1067	240	0,75	0.50
		WITH TRACKING GUIDE	RR611AG UP K 37	RR611AGUPKAD/000	37	1.46	30,5	1.20	30	1.18	570	128	0,50	0.34



Standard packaging:
Rolls of 3,048 m (10 feet)

TRANSFER COMBS

Combs are supplied complete with slot covers but without fastening screws.
One M5 hexagon socket countersunk head screw (NOT INCLUDED) is required for each comb.

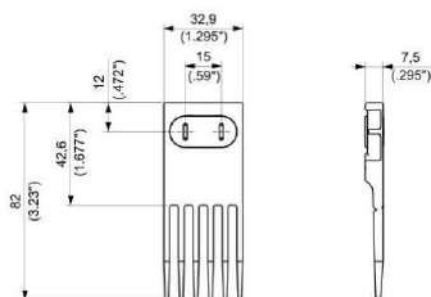
NEW



MATERIALS

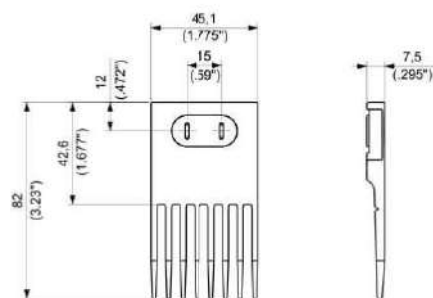
COMBS: **UP** ULTRA PERFORMANCE
HOMOPOLYMER DELRIN®

COMB FOR K 29 CHAIN



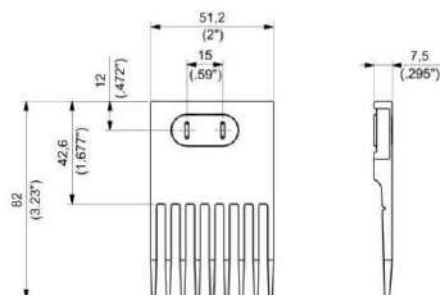
PART NUMBER **TC611-01**

COMB FOR K 37 CHAIN



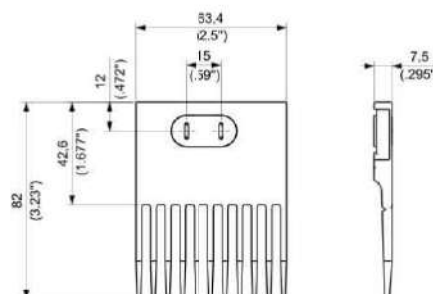
PART NUMBER **TC611-03**

COMB FOR K 46 CHAIN



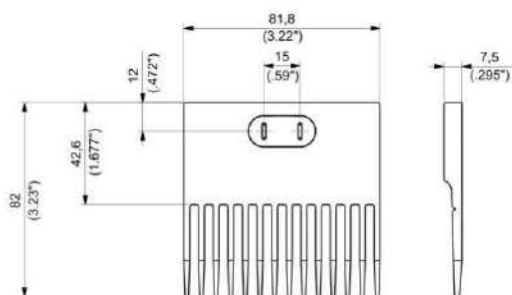
PART NUMBER **TC611-04**

COMB FOR K 55 CHAIN



PART NUMBER **TC611-06**

COMB FOR K 76 CHAIN



PART NUMBER **TC611-07**

SUITABLE FOR CHAINS:

- 611 WITH TRACKING GUIDE
(29 mm, 34 mm, 37 mm WIDTHS ONLY)

MATERIALS

SPROCKETS: **PGF** REINFORCED POLYAMIDE

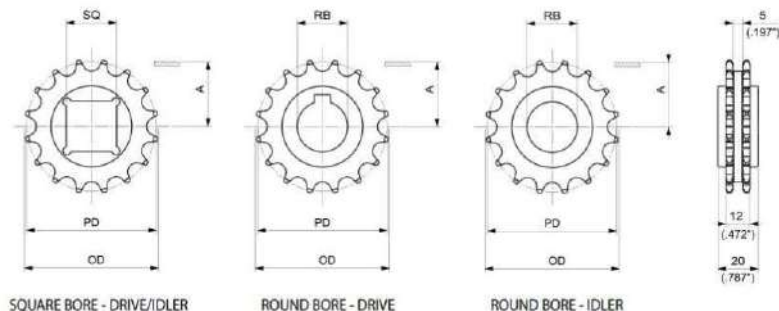
SCREWS*: **SS** STAINLESS STEEL

NUTS*: **ZN** ZINC PLATED STEEL

* For split sprockets only.



16T SPROCKET

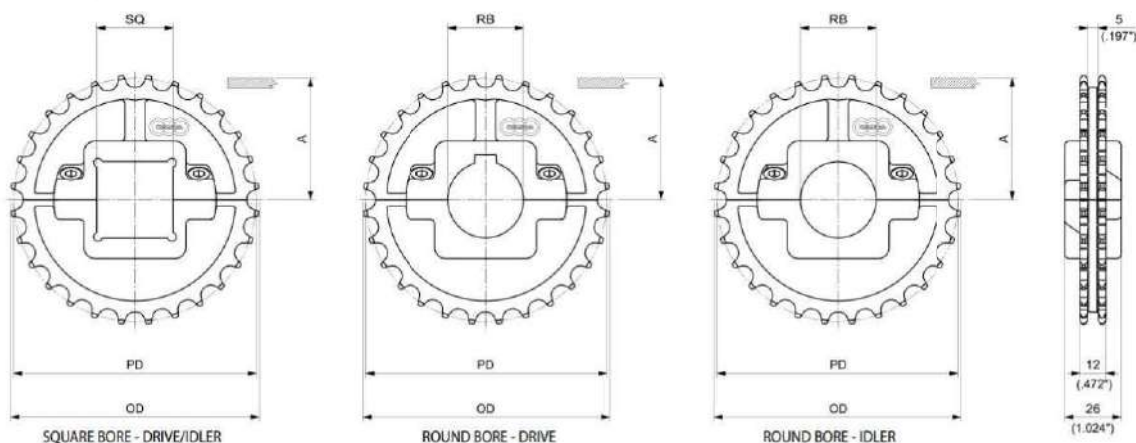


SQUARE BORE - DRIVE/IDLER

ROUND BORE - DRIVE

ROUND BORE - IDLER

28T SPROCKET



SQUARE BORE - DRIVE/IDLER

ROUND BORE - DRIVE

ROUND BORE - IDLER

MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
16	65,10	2.563	66,30	2.610	28,20	1.110	20			MPBT6111620	MPBF6111620	0,05	0.11
							25		MPBQ6111625	MPBT6111625	MPBF6111625	0,04	0.09
							30			MPBT6111630	MPBF6111630	0,04	0.09
							1			MPBT61116254	MPBF61116254	0,04	0.09
							1 1/4			MPBT61116317	MPBF61116317	0,03	0.07

MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
28	113,43	4.466	114,70	4.516	52,40	2.063	25			MPBST6112825	MPBSF6112825	0,15	0.33
							30			MPBST6112830	MPBSF6112830	0,15	0.33
							35			MPBST6112835	MPBSF6112835	0,14	0.31
							40		MPBSQ6112840	MPBST6112840	MPBSF6112840	0,13	0.29
							1			MPBST61128254	MPBSF61128254	0,15	0.33
							1 1/4			MPBST61128317	MPBSF61128317	0,14	0.31
							1 1/2		MPBSQ61128381	MPBST61128381	MPBSF61128381	0,14	0.31

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

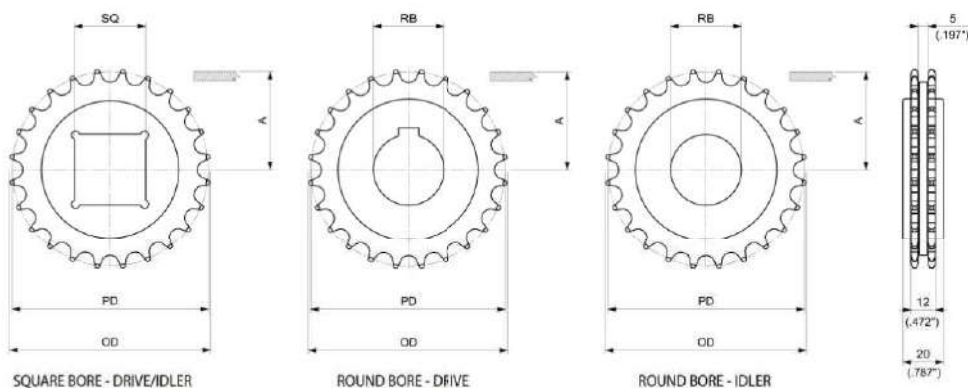
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

- 611 WITH TRACKING GUIDE
(29 mm, 34 mm, 37 mm WIDTHS ONLY)

MATERIALS

SPROCKETS: **PA** POLYAMIDE



MACHINED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE IDLER	Kg	lbs
24	97,30	3.831	99,50	3.917	44,30	1.744	25		MPBAT6112425	MPBAF6112425	0,10	0.22
							30		MPBAT6112430	MPBAF6112430	0,09	0.20
							35		MPBAT6112435	MPBAF6112435	0,09	0.20
							40		MPBAQ6112440	MPBAT6112440	0,08	0.18
							1		MPBAT61124254	MPBAF61124254	0,10	0.22
							1¼		MPBAT61124317	MPBAF61124317	0,10	0.22
							1½		MPBAQ61124381	MPBAT61124381	0,09	0.20

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

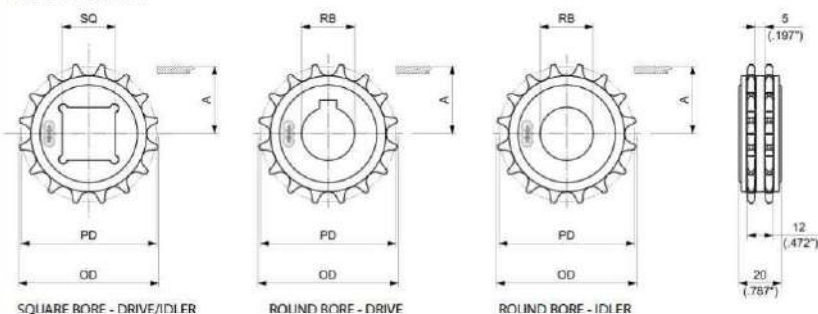
- 600 / 610 / LBP 610
- 500 / HF 510
- 300
- 200 / HF 200
- 611 WITHOUT TRACKING GUIDE (ALL WIDTHS)
- 611 WITH TRACKING GUIDE (51 mm, 76 mm WIDTHS ONLY)
- RR 611 (ALL WIDTHS)

MATERIALS

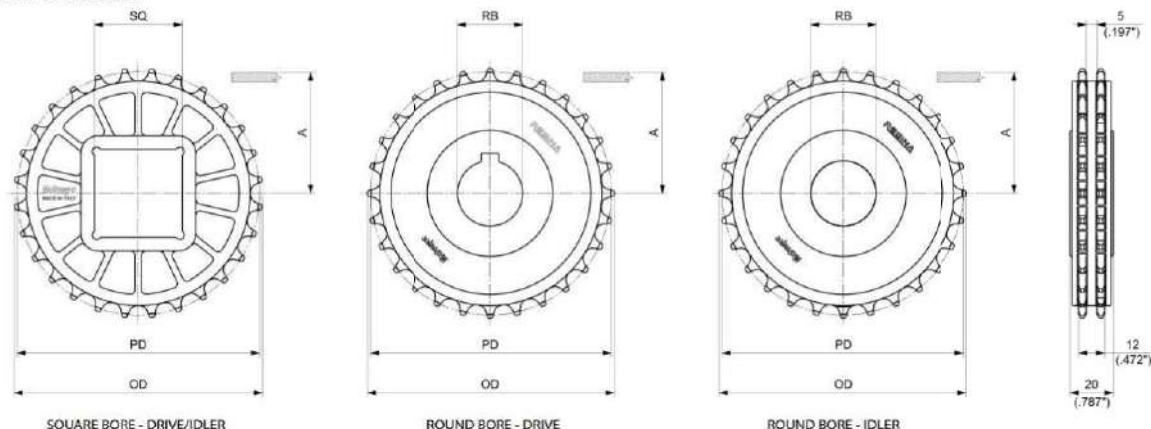
SPROCKETS: **PGF** REINFORCED POLYAMIDE



16T SPROCKET



28T SPROCKET



MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch			
16	65,10	2.563	66,30	2.610	28,20	1.110	20		MPBT6001620	0,06	0.13
							25		MPBQ6001625	0,05	0.12
							30		MPBT6001630	0,05	0.10
							1		MPBT60016254	0,05	0.12
							1 1/4		MPBT60016317	0,04	0.10
									MPBT60016317	0,04	0.10
28	113,43	4.466	114,70	4.516	52,40	2.063	25		MPBT6002825	0,15	0.32
							30		MPBT6002830	0,14	0.31
							35		MPBT6002835	0,13	0.29
							40		MPBQ6002840	0,12	0.27
							60		MPBQ6002860	0,10	0.23
							1		MPBT60028254	0,15	0.32
							1 1/4		MPBT60028317	0,14	0.30
							1 1/2		MPBQ60028381	0,13	0.28

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

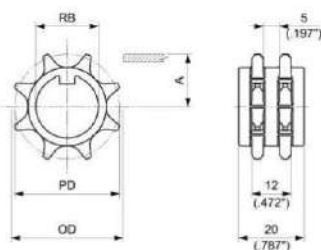
SUITABLE FOR CHAINS:

- 600 / 610 / LBP 610
- 500 / HF 510
- 300
- 200 / HF 200
- 611 WITHOUT TRACKING GUIDE (ALL WIDTHS)
- 611 WITH TRACKING GUIDE (51 mm, 76 mm WIDTHS ONLY)
- RR 611 (ALL WIDTHS)

MATERIALS	
SPROCKETS:	PA POLYAMIDE

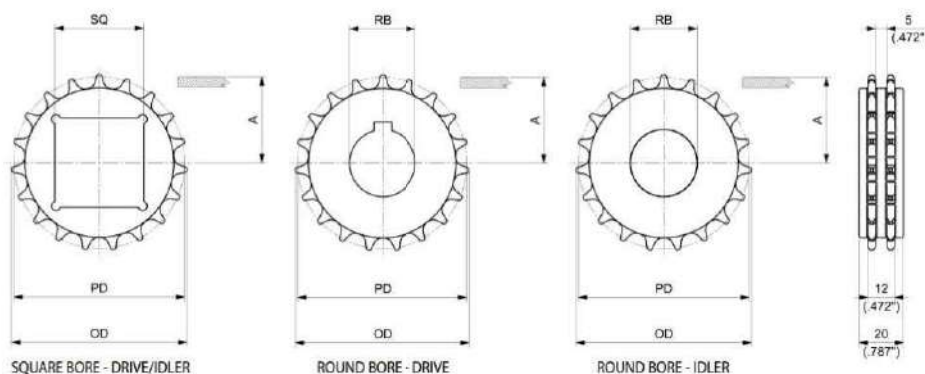


8T SPROCKET



NOTE: CANNOT WORK WITH 600 AND 500 SERIES

14T - 19T SPROCKET



MACHINED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		WEIGHT		
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ	ROUND BORE RB	Kg	lbs	
									DRIVE/IDLER	DRIVE			IDLER
NEW 8 ⁽¹⁾	33,19	1.307	34,20	1.346	12,25	0.482	20		MPBAT6000820	MPBAF6000820	0,01	0,01	
							3/4		MPBAT60008190	MPBAF60008190	0,01	0,01	
NEW 14	57,07	2.247	59,00	2.323	24,18	0.952	25		MPBAQ6001425	MPBAT6001425	MPBAF6001425	0,03	0,06
							1		MPBAT60014254	MPBAF60014254	0,03	0,06	
							25		MPBAT6001925	MPBAF6001925	0,07	0,16	
							30		MPBAT6001930	MPBAF6001930	0,07	0,15	
							35		MPBAT6001935	MPBAF6001935	0,06	0,13	
19	77,15	3.037	78,80	3.102	34,20	1.346	40		MPBAQ6001940	MPBAT6001940	MPBAF6001940	0,05	0,12
							1		MPBAT60019254	MPBAF60019254	0,07	0,16	
							1 1/4		MPBAT60019317	MPBAF60019317	0,07	0,14	
							1 1/2		MPBAQ60019381			0,05	0,11

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew (except for 8T sprocket). Metric round bore drive sprockets are supplied without setscrew.

(1) Cannot work with 600 and 500 series.

SUITABLE FOR CHAINS:

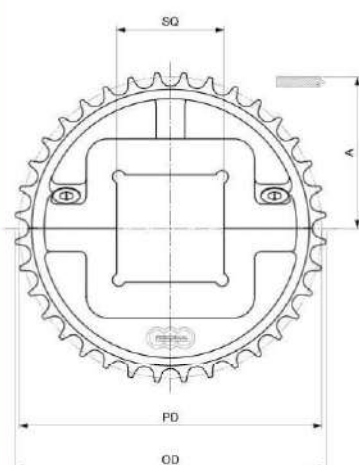
- 600 / 610 / LBP 610
- 500 / HF 510
- 300
- 200 / HF 200
- 611 WITHOUT TRACKING GUIDE (ALL WIDTHS)
- 611 WITH TRACKING GUIDE (51 mm, 76 mm WIDTHS ONLY)
- RR 611 (ALL WIDTHS)

MATERIALS

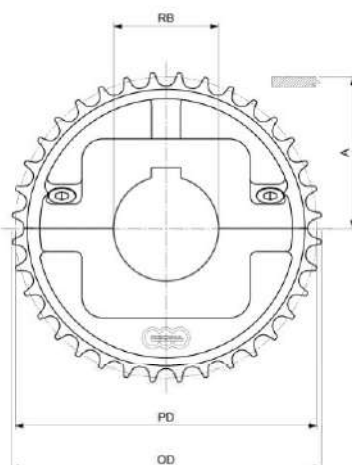
SPROCKETS: **PGF** REINFORCED POLYAMIDE

SCREWS: **SS** STAINLESS STEEL

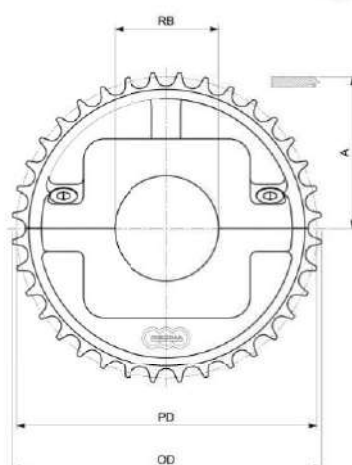
NUTS: **ZN** ZINC PLATED STEEL



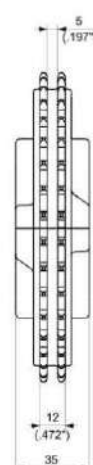
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



NOTE: FOR 28T SPROCKET, THE HUB WIDTH IS 26 mm (1.024")

MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		SQUARE BORE SQ DRIVE/IDLER	PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**		DRIVE	IDLER	Kg	lbs
28	113,43	4.466	114,69	4.515	52,40	2.063	25			MPBST6002825	MPBSF6002825	0,16	0.35
							30			MPBST6002830	MPBSF6002830	0,16	0.34
							35			MPBST6002835	MPBSF6002835	0,15	0.33
							40		MPBSQ6002840	MPBST6002840	MPBSF6002840	0,14	0.32
							1			MPBST60028254	MPBSF60028254	0,16	0.35
							1 1/4			MPBST60028317	MPBSF60028317	0,15	0.34
							1 1/2		MPBSQ60028381	MPBST60028381	MPBSF60028381	0,15	0.32
36	145,69	5.736	148,00	5.827	68,50	2.697	30			MPBST6003630	MPBSF6003630	0,38	0.83
							35			MPBST6003635	MPBSF6003635	0,37	0.82
							40		MPBSQ6003640	MPBST6003640	MPBSF6003640	0,36	0.80
							45			MPBST6003645	MPBSF6003645	0,35	0.78
							50		MPBSQ6003650	MPBST6003650	MPBSF6003650	0,34	0.75
							1			MPBST60036254	MPBSF60036254	0,38	0.85
							1 3/8			MPBST60036301	MPBSF60036301	0,38	0.83
							1 1/4			MPBST60036317	MPBSF60036317	0,38	0.83
							1 7/8			MPBST60036365	MPBSF60036365	0,37	0.81
							1 1/2		MPBSQ60036381	MPBST60036381	MPBSF60036381	0,37	0.81
38	153,8	6.055	156,00	6.142	72,55	2.856	30			MPBST6003830	MPBSF6003830	0,39	0.86
							35			MPBST6003835	MPBSF6003835	0,38	0.84
							40		MPBSQ6003840	MPBST6003840	MPBSF6003840	0,37	0.83
							45			MPBST6003845	MPBSF6003845	0,36	0.80
							50		MPBSQ6003850	MPBST6003850	MPBSF6003850	0,35	0.78
							1			MPBST60038254	MPBSF60038254	0,40	0.87
							1 3/8			MPBST60038301	MPBSF60038301	0,39	0.86
							1 1/4			MPBST60038317	MPBSF60038317	0,39	0.86
							1 7/8			MPBST60038365	MPBSF60038365	0,38	0.84
							1 1/2		MPBSQ60038381	MPBST60038381	MPBSF60038381	0,38	0.84

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

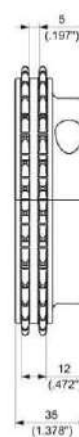
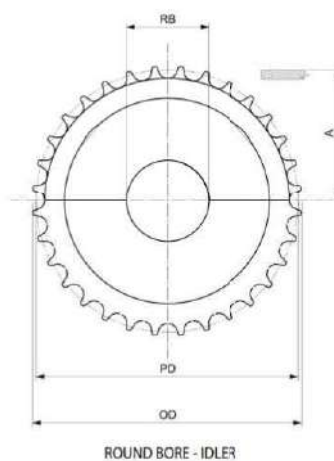
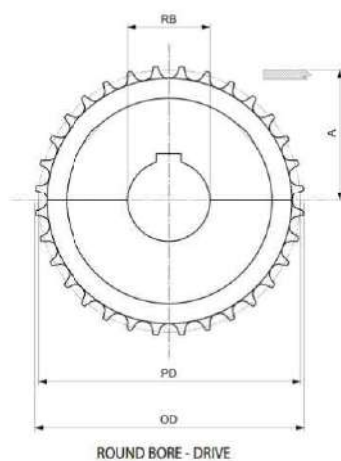
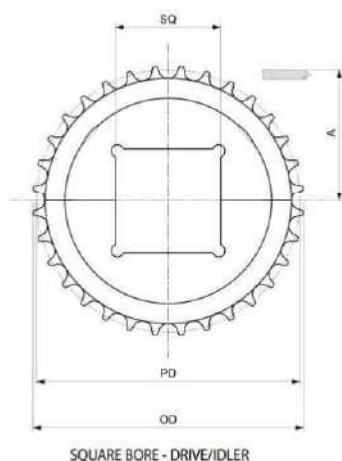
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

- 600 / 610 / LBP 610
- 500 / HF 510
- 300
- 200 / HF 200
- 611 WITHOUT TRACKING GUIDE (ALL WIDTHS)
- 611 WITH TRACKING GUIDE (51 mm, 76 mm WIDTHS ONLY)
- RR 611 (ALL WIDTHS)

MATERIALS

SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS



MACHINED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	Lbs
32	129,57	5.101	131,00	5.157	60,44	2.379	25			MPBAST6003225	MPBASF6003225	0,41	0.90
							30			MPBAST6003230	MPBASF6003230	0,40	0.88
							35			MPBAST6003235	MPBASF6003235	0,39	0.85
							40		MPBASQ6003240	MPBAST6003240	MPBASF6003240	0,38	0.83
							45			MPBAST6003245	MPBASF6003245	0,36	0.80
							50		MPBASQ6003250	MPBAST6003250	MPBASF6003250	0,35	0.77
							1			MPBAST60032254	MPBASF60032254	0,41	0.90
							1 3/8			MPBAST60032301	MPBASF60032301	0,40	0.88
							1 1/4			MPBAST60032317	MPBASF60032317	0,39	0.87
							1 7/8			MPBAST60032365	MPBASF60032365	0,38	0.85
							1 1/2			MPBAST60032381	MPBASF60032381	0,38	0.84

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

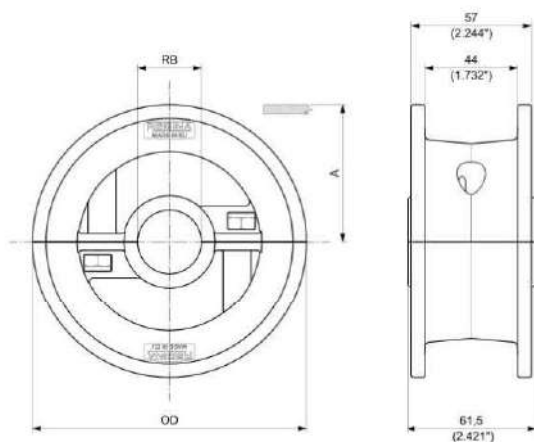
**Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

- 500 / 600 / 610 / LBP 610 / HF 510
300 / 200 / HF 200
- 1500 / 1600 / RR 1500 /
HF 1600 / HFS 1600
- 7300 / 7200
- USPM / USP / HF USPM /
HFS USPM / LBP USPM / LBP XSPM
- 782M / 783M / 793M

MATERIALS

SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	ZN	ZINC PLATED STEEL



**MOULDED SOLID
IDLER WHEELS**
SEE PAGE 123



**MACHINED SPLIT
IDLER WHEELS**
SEE PAGE 125

MOULDED SPLIT IDLER WHEELS

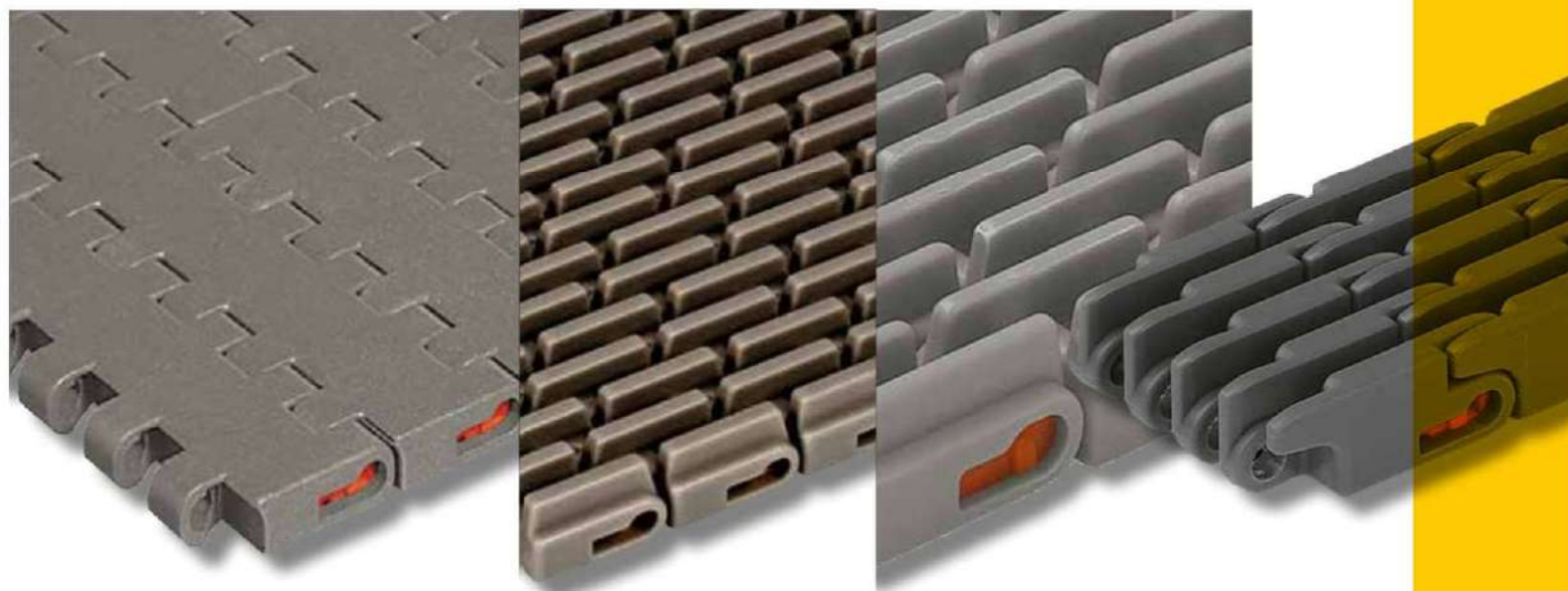
N. TEETH	OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER ROUND BORE RB IDLER	WEIGHT	
	mm	inch	mm	inch	mm	inch		Kg	lbs
21	129,80	5.110	64,90	2.555	25		CMTS048152125	0,33	0.72
					30		CMTS048152130	0,33	0.73
					35		CMTS048152135	0,31	0.68
					40		CMTS048152140	0,34	0.76
					45		CMTS048152145	0,31	0.69
					1		CMTS0481521254	0,33	0.72
					1 1/4		CMTS0481521317	0,33	0.71
23	142,30	5.602	71,15	2.801	25		CMTS048152325	0,36	0.80
					30		CMTS048152330	0,37	0.81
					35		CMTS048152335	0,35	0.76
					40		CMTS048152340	0,38	0.84
					45		CMTS048152345	0,35	0.77
					1		CMTS0481523254	0,36	0.80
					1 1/4		CMTS0481523317	0,36	0.79
25	154,70	6.091	77,35	3.045	25		CMTS048152525	0,40	0.89
					30		CMTS048152530	0,41	0.90
					35		CMTS048152535	0,39	0.85
					40		CMTS048152540	0,42	0.92
					45		CMTS048152545	0,39	0.86
					1		CMTS0481525254	0,40	0.89
					1 1/4		CMTS0481525317	0,40	0.88

*Diameter is indicated.



Matveyor[®]

1" Pitch Light Duty Belts and Chains



INDUSTRIES AND APPLICATIONS

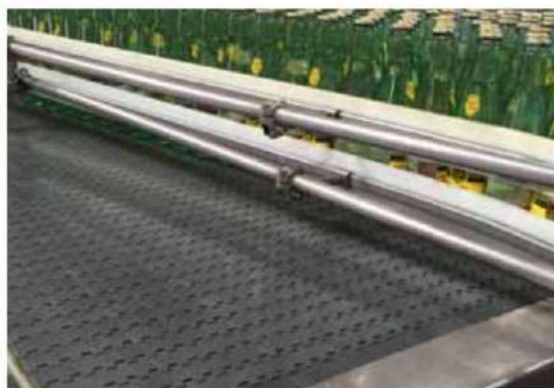
Suitable for handling both loose & packaged products, such as plastic & glass bottles and aluminium & steel cans, in light duty applications

INDUSTRIES

Bottling and canning
Food filling
Container manufacturing
Pharmaceutical
Paper/cardboard
Consumer goods

APPLICATIONS

Depalletizer
Pressureless Inliners and Combiners
Single lane & mass conveyors
Accumulation tables
Infeed packaging machines
Palletizers



FEATURES

- Clip integrated with the module on the belt bottom results in an easy belt assembly and disassembly and in a uniform top surface.
- Round design edge and gap minimization between hinges allow a superior product handling in linear and side transfer of the products
- Optimized bottom sliding surface to guarantee wider contact with the wear strips and higher transversal stiffness:
 - Less specific pressure between belt and wear strips
 - Less wear
 - Superior flatness
- Rubberized belts available (HF 1600 series) featuring maximum and uniform rubberized area allowing outstanding gripping capabilities on the conveyed products.
- Solid top and flush grid belts can be used on conveyors side by side with Magnetic or TAB sideflexing chains 783 or 782 series allowing a smooth products transfer between straight running and sideflexing conveyors.
- Availability of a wide range of raised rib dedicated chains RR 1600 series suitable for the product dynamic dividing area of packaging machines.

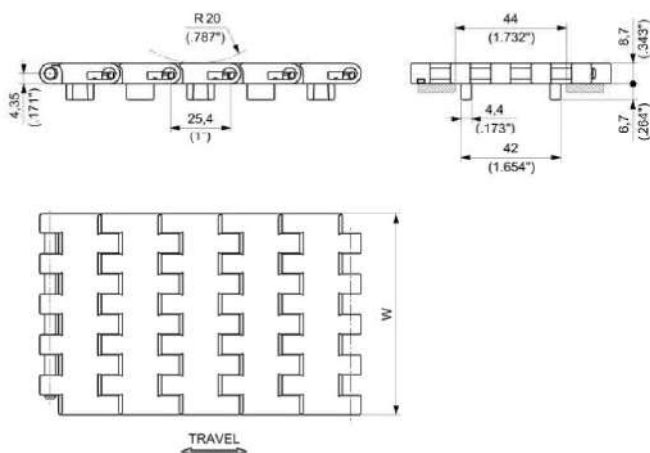


8,7 mm (0.343") THICKNESS SOLID TOP

Extremely good flatness, manufacturing accuracy and low coefficient of friction make the side transfer of the product very easy.

Completely closed surface, no gap between the modules, even when engaging on the sprockets.

Particularly suitable for glass products, small sized products and unstable conta (for example PET bottles with petaloid base).



Materials
see page 12



Sprockets
see pages 212+218



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		1600AG UP K 83,8	1600AGUPKRA/000	83,8	3.30	8,7	0.343	1850	416	0,75	0.50
SPECIAL DELRIN® REINFORCED WITH KEVLAR® UP	PBT	1600AG D2K K 83,8	1600AGD2KKRA/000	83,8	3.30	8,7	0.343	1850	416	0,75	0.50
ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-F.A.S.T.		1600AG EF K 83,8	1600AGEFKRA/000	83,8	3.30	8,7	0.343	1850	416	0,75	0.50



Standard packaging:
Rolls of 3,048 m (10 feet)

8,7 mm (0.343") THICKNESS SOLID TOP

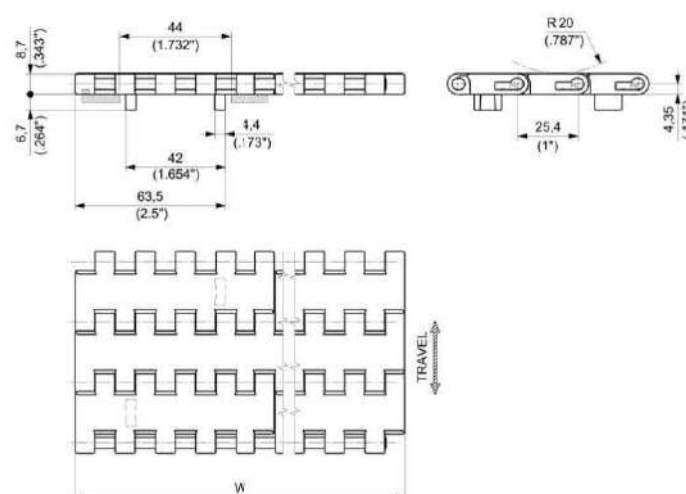
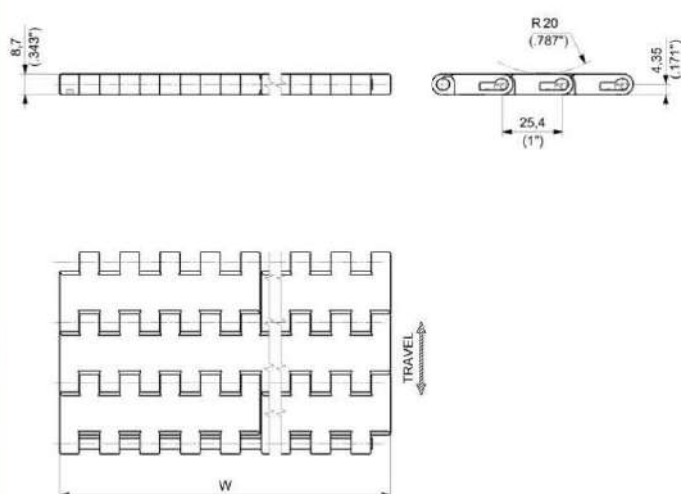
This belt offers a smooth surface to provide excellent support and minimize product tippage. Particularly suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base).

- Belt widths: 85 mm (3.346") or wider in 85 mm (3.346") increments
- Working Load (at 25°C/77°F): 21600 N/m (1,480 lbs/ft) for **UP**, **DK²** and **e-F.A.S.T.** materials
- Belt weight: 7,66 kg/m² (1.57 lbs/ft²) for **UP**, **DK²** and **e-F.A.S.T.** materials



VERSION WITHOUT TRACKING GUIDE

VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Sprockets
see pages 212+218



Applications
see page 22

WIDTH W		MATERIALS							Pin
		Module							
		 ULTRA PERFORMANCE HOMOPOLYMER DELRIN *		 SPECIAL DELRIN * REINFORCED WITH KEVLAR *		 ECOLOGICAL FRICTION ABATING THERMOPLASTIC			
		PART NUMBER		PART NUMBER		PART NUMBER			
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
85	3.35	1600AUP0085	1600AGUP0085	1600AD2K0085	1600AGD2K0085	1600AEF0085	1600AGEF0085	PBT	
170	6.69	1600BUP0170	1600BG1UP0170	1600BD2K0170	1600BG1D2K0170	1600AEF0170	1600AG1EF0170	PBT for e-F.A.S.T. material POLYPROPYLENE for all other materials (PBT on request for all other materials)	
255	10.04	1600BUP0255	1600BG1UP0255	1600BD2K0255	1600BG1D2K0255	1600AEF0255	1600AG1EF0255		
340	13.39	1600BUP0340	1600BG1UP0340	1600BD2K0340	1600BG1D2K0340	1600AEF0340	1600AG1EF0340		
425	16.73	1600BUP0425	1600BG1UP0425	1600BD2K0425	1600BG1D2K0425	1600AEF0425	1600AG1EF0425		
510	20.08	1600BUP0510	1600BG1UP0510	1600BD2K0510	1600BG1D2K0510	1600AEF0510	1600AG1EF0510		
595	23.43	1600BUP0595	1600BG1UP0595	1600BD2K0595	1600BG1D2K0595	1600AEF0595	1600AG1EF0595		
680	26.77	1600BUP0680	1600BG1UP0680	1600BD2K0680	1600BG1D2K0680	1600AEF0680	1600AG1EF0680		
765	30.12	1600BUP0765	1600BG1UP0765	1600BD2K0765	1600BG1D2K0765	1600AEF0765	1600AG1EF0765		
850	33.46	1600BUP0850	1600BG1UP0850	1600BD2K0850	1600BG1D2K0850	1600AEF0850	1600AG1EF0850		
935	36.81	1600BUP0935	1600BG1UP0935	1600BD2K0935	1600BG1D2K0935	1600AEF0935	1600AG1EF0935		
1020	40.16	1600BUP1020	1600BG1UP1020	1600BD2K1020	1600BG1D2K1020	1600AEF1020	1600AG1EF1020		

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.

To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.

Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "1600BUP1105".



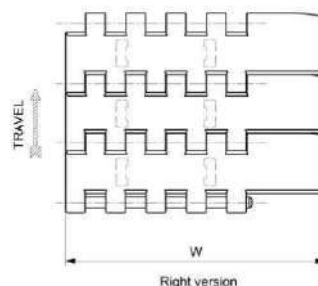
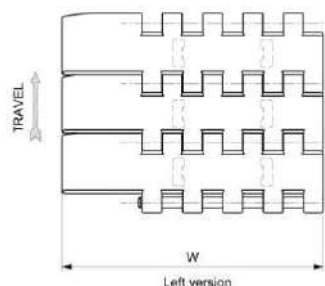
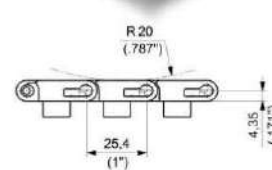
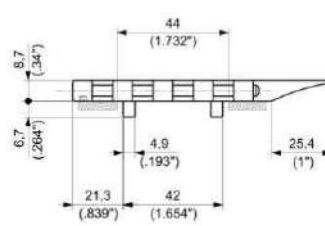
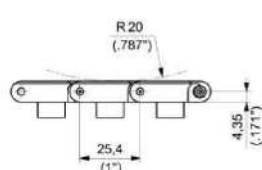
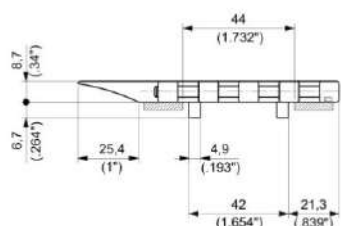
Standard packaging:

Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.

Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

8,7 mm (0.343") THICKNESS SOLID TOP

1600G ATM can be used in combination with 1600 modular belts.
Active transfer modules 1600G ATM allow the transfer of products between two 90° conveyor tracks without using dead plates.
The special wing shaped module profile supports the products dynamically during transfer on the take-away belts.
Available in left and right version.



1600G ATM - Left Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	POLYPROPYLENE	1600BGATM UP 0085 SX	1600BGATMUP085S	110	4.33	8,7	0.343	1840	414	0,85	0.57
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2		1600BGATM D2K 0085 SX	1600BGATMD2K085S	110	4.33	8,7	0.343	1840	414	0,85	0.57
ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-F.A.S.T.	PBT	1600AGATM EF 0085 SX	1600AGATMEF085S	110	4.33	8,7	0.343	1840	414	0,85	0.57

1600G ATM - Right Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	POLYPROPYLENE	1600BGATM UP 0085 DX	1600BGATMUP085D	110	4.33	8,7	0.343	1840	414	0,85	0.57
		1600BGATM UP 0170 DX	1600BGATMUP170D	195	7.68	8,7	0.343	3670	825	1,51	1.01
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	POLYPROPYLENE	1600BGATM D2K 0085 DX	1600BGATMD2K085D	110	4.33	8,7	0.343	1840	414	0,85	0.57
		1600BGATM D2K 0170 DX	1600BGATMD2K170D	195	7.68	8,7	0.343	3670	825	1,51	1.01
ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-F.A.S.T.	PBT	1600AGATM EF 0085 DX	1600AGATMEF085D	110	4.33	8,7	0.343	1840	414	0,85	0.57
	PBT	1600AGATM EF 0170 DX	1600AGATMEF170D	195	7.68	8,7	0.343	3670	825	1,51	1.01

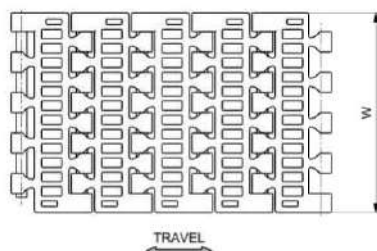
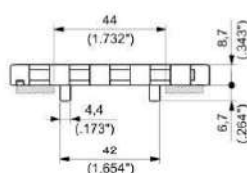
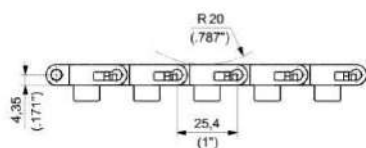
8,7 mm (0.343") THICKNESS FLUSH GRID

NEW

Extremely good flatness, manufacturing accuracy and low coefficient of friction make the side transfer of the product very easy.

Excellent combination of open and support areas to allow drainage of liquids and good support of the conveyed product.

Particularly suitable for aluminium cans conveying.



Materials
see page 12



Sprockets
see pages 212-218



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		1500AG UP K 83,8	1500AGUPKRA/000	83,8	3.30	8,7	0.343	1850	416	0,66	0.44
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	PBT	1500AG D2K K 83,8	1500AGD2KKRA/000	83,8	3.30	8,7	0.343	1850	416	0,66	0.44
ECOLOGICAL FRICTION ABATING THERMOPLASTIC e-F.A.S.T.		1500AG EF K 83,8	1500AGEFKRA/000	83,8	3.30	8,7	0.343	1850	416	0,66	0.44



Standard packaging:
Rolls of 3,048 m (10 feet)

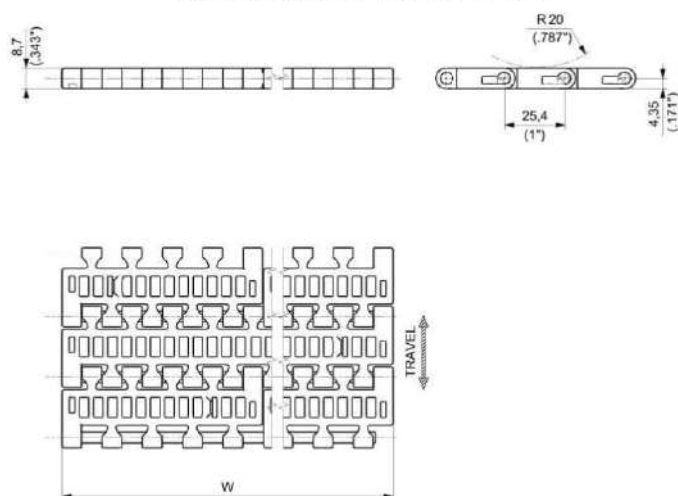
8,7 mm (0.343") THICKNESS FLUSH GRID

This belt has an excellent combination of open and support areas to allow drainage of liquids and good support of the conveyed product. This belt is particularly suitable for conveying of aluminium cans.

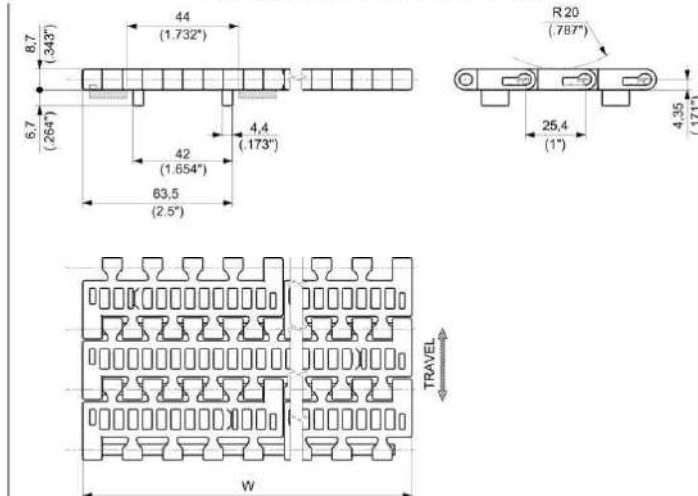
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 21600 N/m (1,480 lbs/ft) for **UP** and **DK²** materials
13200 N/m (904 lbs/ft) for **PP** material
- **Belt weight:** 6,58 kg/m² (1.58 lbs/ft²) for **UP** and **DK²** materials
4,43 kg/m² (1.35 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Sprockets
see pages 212÷218



Applications
see page 22

WIDTH W		MATERIALS							Pin
		Module							
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN®		DK ² SPECIAL DELRIN ® REINFORCED WITH KEVLAR ®		PP SPECIAL POLYPROPYLENE ⁽¹⁾			
		PART NUMBER		PART NUMBER		PART NUMBER			
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
mm	inch								
85	3.35	1500AUP0085	1500AGUP0085	1500AD2K0085	1500AGD2K0085	1500APP0085	1500AGPP0085	PBT	
170	6.69	1500BUP0170	1500BG1UP0170	1500BD2K0170	1500BG1D2K0170	1500BPP0170	1500BG1PP0170	POLYPROPYLENE (PBT on request)	
255	10.04	1500BUP0255	1500BG1UP0255	1500BD2K0255	1500BG1D2K0255	1500BPP0255	1500BG1PP0255		
340	13.39	1500BUP0340	1500BG1UP0340	1500BD2K0340	1500BG1D2K0340	1500BPP0340	1500BG1PP0340		
425	16.73	1500BUP0425	1500BG1UP0425	1500BD2K0425	1500BG1D2K0425	1500BPP0425	1500BG1PP0425		
510	20.08	1500BUP0510	1500BG1UP0510	1500BD2K0510	1500BG1D2K0510	1500BPP0510	1500BG1PP0510		
595	23.43	1500BUP0595	1500BG1UP0595	1500BD2K0595	1500BG1D2K0595	1500BPP0595	1500BG1PP0595		
680	26.77	1500BUP0680	1500BG1UP0680	1500BD2K0680	1500BG1D2K0680	1500BPP0680	1500BG1PP0680		
765	30.12	1500BUP0765	1500BG1UP0765	1500BD2K0765	1500BG1D2K0765	1500BPP0765	1500BG1PP0765		
850	33.46	1500BUP0850	1500BG1UP0850	1500BD2K0850	1500BG1D2K0850	1500BPP0850	1500BG1PP0850		
935	36.81	1500BUP0935	1500BG1UP0935	1500BD2K0935	1500BG1D2K0935	1500BPP0935	1500BG1PP0935		
1020	40.16	1500BUP1020	1500BG1UP1020	1500BD2K1020	1500BG1D2K1020	1500BPP1020	1500BG1PP1020		

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "1500BUP1105".



Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

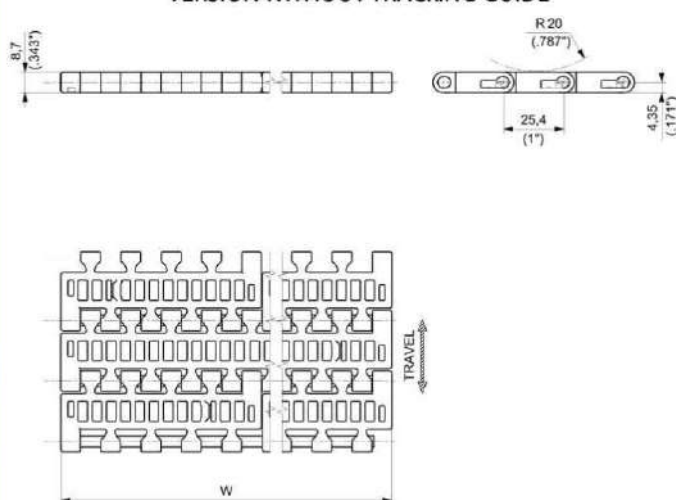
8,7 mm (0.343") THICKNESS FLUSH GRID

This belt has an excellent combination of open and support areas to allow drainage of liquids and good support of the conveyed product. This belt is particularly suitable for conveying of aluminium cans.

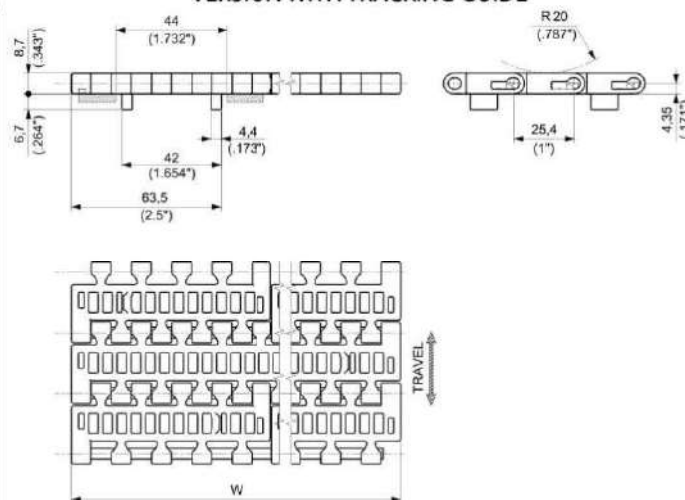
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 21600 N/m (1,480 lbs/ft) for **e-FAST** materials
- **Belt weight:** 6,58 kg/m² (1.58 lbs/ft²) for **e-FAST** materials



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Sprockets
see pages 212÷218



Applications
see page 22

WIDTH W		MATERIALS	
		Module	Pin
		NEW e-FAST ECOLOGICAL FRICTION ABATING THERMOPLASTIC	
		PART NUMBER	
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE
85	3.35	1500AEF0085	1500AGEF0085
170	6.69	1500AEF0170	1500AG1EF0170
255	10.04	1500AEF0255	1500AG1EF0255
340	13.39	1500AEF0340	1500AG1EF0340
425	16.73	1500AEF0425	1500AG1EF0425
510	20.08	1500AEF0510	1500AG1EF0510
595	23.43	1500AEF0595	1500AG1EF0595
680	26.77	1500AEF0680	1500AG1EF0680
765	30.12	1500AEF0765	1500AG1EF0765
850	33.46	1500AEF0850	1500AG1EF0850
935	36.81	1500AEF0935	1500AG1EF0935
1020	40.16	1500AEF1020	1500AG1EF1020

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for EF material is "1500AEF1105".



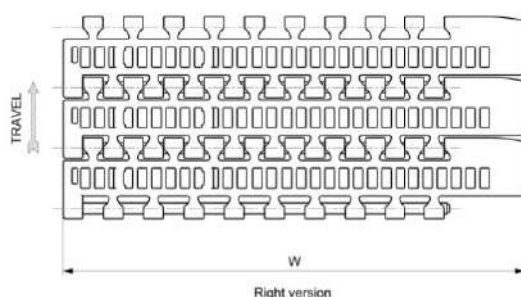
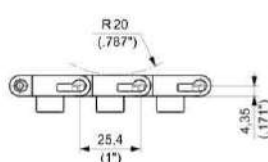
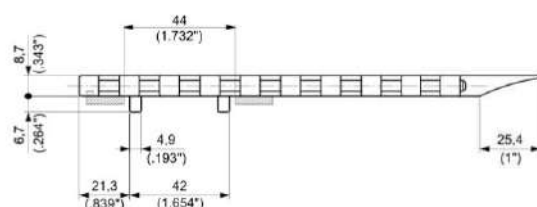
Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

ACTIVE TRANSFER MODULES

8,7 mm (0.343") THICKNESS

FLUSH GRID

1500G ATM can be used in combination with 1500 Modular belts series.
Active transfer modules 1500G ATM allow the transfer of products between two 90° conveyor tracks without using dead plates.
The special wing shaped module profile supports the products dynamically during transfer on the take-away belt.
This system is particularly suitable for aluminium cans.



1500G ATM - Right Version



Materials
see page 12



Sprockets
see pages 212-218



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		1500BGATM UP 0170 DX	1500BGATMUP170D	195	7.68	8,7	0.343	3670	825	0,85	0.57
POLYPROPYLENE											
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2		1500BGATM D2K 0170 DX	1500BGATMD2K170D	195	7.68	8,7	0.343	3670	825	0,85	0.57
NEW ECOLOGICAL FRICTION ABATING THERMOPLASTIC e-FAST	PBT	1500AGATM EF 0170 DX	1500AGATMEF170D	195	7.68	8,7	0.343	3670	825	0,85	0.57



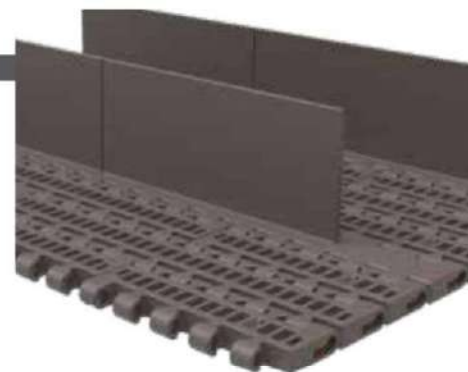
Standard packaging:
Rolls of 3,048 m (10 feet)

8,7 mm (0.343") THICKNESS

FLUSH GRID

FOR INCLINE/DECLINE APPLICATIONS

NEW



The 1500 series are also available in a version with flights.

Flights can now be integrated into 1500 series conveyors, to convey products in incline or decline applications.

Flight modules are single-piece elements made by injection-molding that, once assembled, become an integral part of the belt.



Flights are available in 1" (25,4 mm), 2" (50,8 mm) or 3" (76,2 mm) standard heights (F dimension).

Flights can be as wide as the module (see exhibit 1), or have a 45 mm (1.772") side indent (see exhibit 2).

EXHIBIT 1

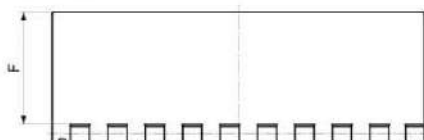
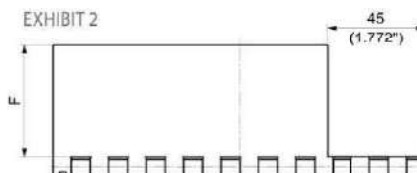


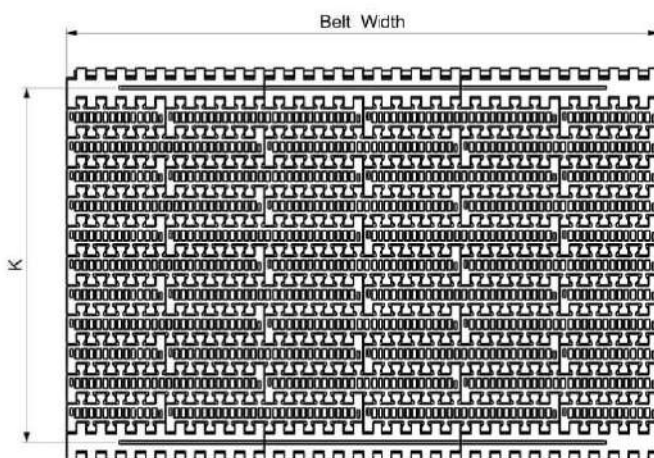
EXHIBIT 2



The position of flights into a 1500 modular belt can be customized to fit different applications or conveyor designs, by specifying the following parameters:

1) Flights pitch (K): distance between 2 rows of flights (see exhibit 3).

EXHIBIT 3



2) Indent (see configuration examples below): the flight indent (N) is the distance between the edge of the belt and the edge of the flight.

It is required to support the belt on its return ways and to hold it down during back flexing.

Standard indent (N) values:

- No side indent
- 45 mm (1.772")

3) N. of Notches and dimension (see configuration examples below): the notch (G) is a gap in each row of flights, longitudinally aligned, to allow supporting the belts on their return ways or in backflexing applications.

The distance (D) is the notch distance from the belt edge.

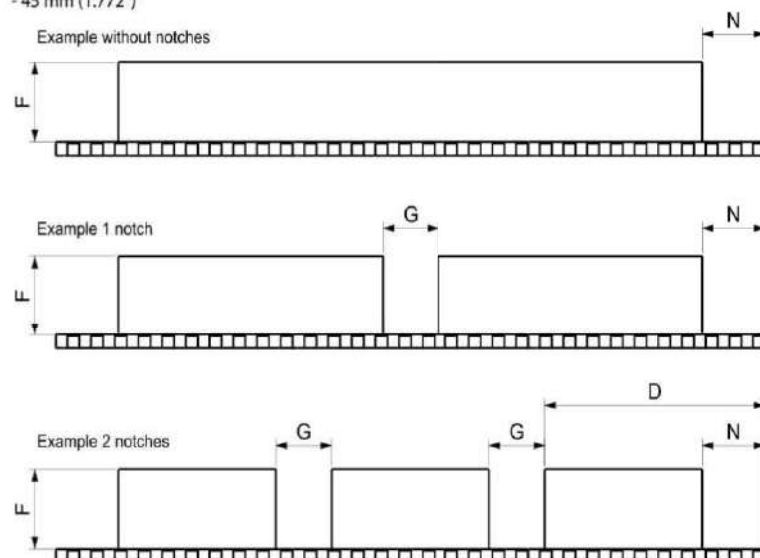
4) N. of Notches available:

- N. 1 notch in the centre
- N. 2 symmetrical notches
- N. 3 symmetrical notches

The belt can be also supplied without notches.

Standard gap (G) values:

- 45 mm (1.772")



CATALOGUE REFERENCE

Use the checklist below to select the correct belt version according to the application needs. Check boxes and fill-in the required values, then contact REGINA Sales Department.

SERIES: 1500 (Flush grid surface)

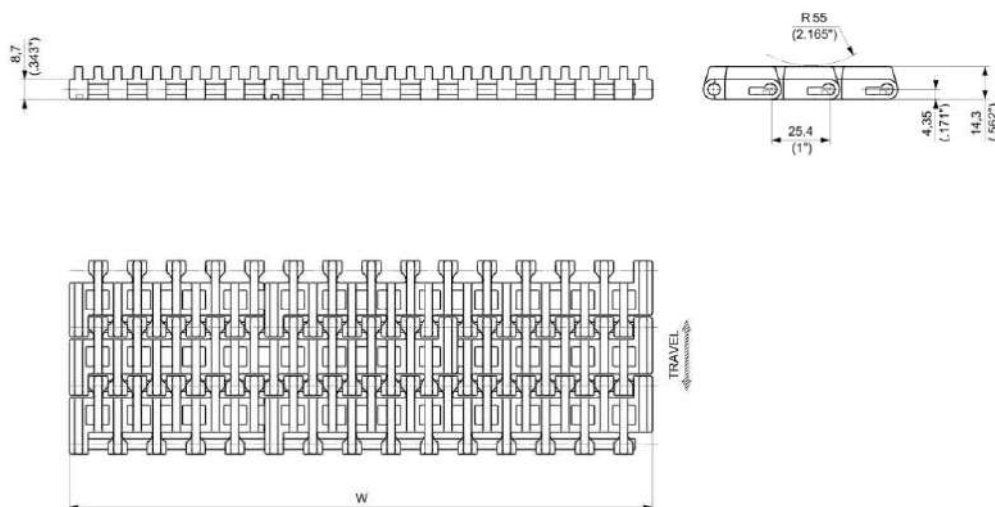
MATERIAL: Polypropylene PP (grey)

Belt Width (W)		(multiples of 85 mm increments)
Flight height (F)	☐	1" (25,4 mm)
	☐	2" (50,8 mm)
	☐	3" (76,2 mm)
		(special value less than 3" on request)
Flights pitch (K)		(flights row every.. th belt row)
Side indent (N)	☐	No side indent
	☐	45 mm (1.771") indent
		(special value on request)
N. of notches	☐	No notch
	☐	1 notch in the centre
	☐	2 symmetrical notches
	☐	3 symmetrical notches
Notch width (G)	☐	45 mm (1.771")
		(special value on request)
Notch distance (D)		

8,7 mm (0.343") THICKNESS RAISED RIB

This belt allows smooth head transfer of the products, thanks to the optimized ratio rib thickness / spacing and the special click-combs.
Particularly suitable for products infeed of packaging machines.

- **Belt widths:** 170 mm (6.69") or wider in 85 mm (3.34") increments
- **Working Load (at 25°C/77°F):** 21600 N/m (1,480 lbs/ft)
- **Belt weight:** 9,62 kg/m² (1.97 lbs/ft²)



Materials
see page 12



Combs
see page 205



Sprockets
see pages 212+218



Applications
see page 22

WIDTH W		MATERIALS	
		Module	Pin
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	
mm	inch	PART NUMBER	
170	6.69	RR1500BUP0170	POLYPROPYLENE
255	10.04	RR1500BUP0255	
340	13.39	RR1500BUP0340	
425	16.73	RR1500BUP0425	
510	20.08	RR1500BUP0510	
595	23.43	RR1500BUP0595	
680	26.77	RR1500BUP0680	
765	30.12	RR1500BUP0765	
850	33.46	RR1500BUP0850	
935	36.81	RR1500BUP0935	
1020	40.16	RR1500BUP1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm), the PN for UP material is "RR1500BUP1105".



Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

TRANSFER COMBS

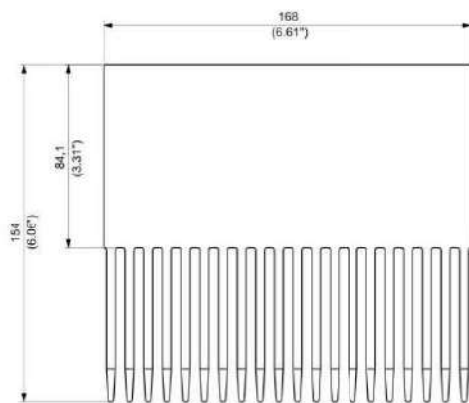
The comb is click-fitted on the omega style profile without using any fastening screws.



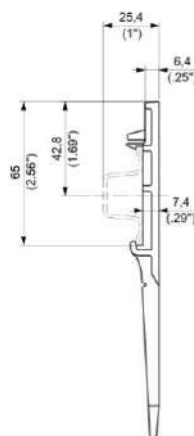
MATERIALS

COMBS: **DG** ACETAL RESIN

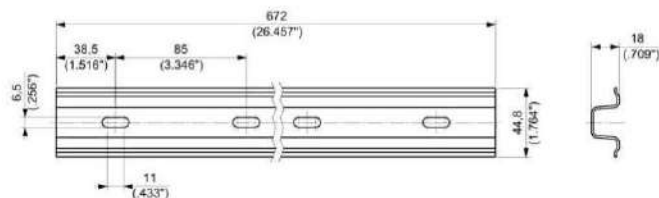
PROFILE: **SS** STAINLESS STEEL



PART NUMBER **TC1500-01**



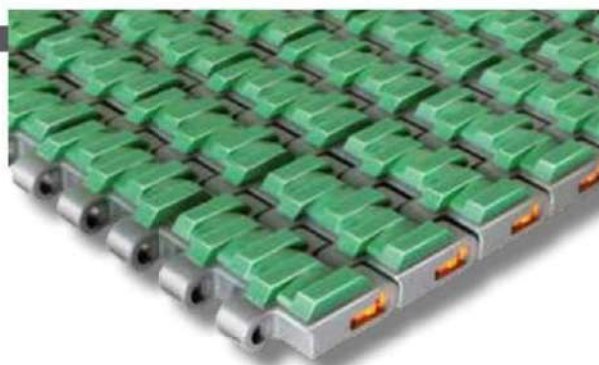
OMEGA STYLE PROFILE



PART NUMBER **PRT-RR1500-0672**

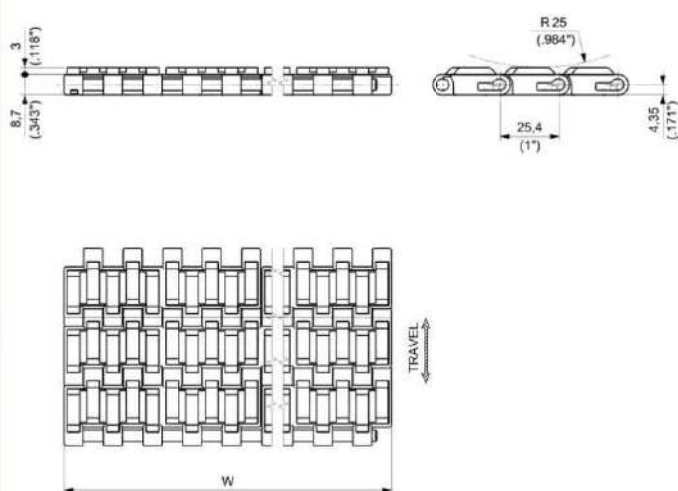
8,7 mm (0.343") THICKNESS RUBBERIZED SURFACE - FULL COVER

This belt is specifically designed for handling shrink wrapped packs, boxes, plastic trays and other type of containers in incline, decline or timing applications. The rubberized area is maximized to provide outstanding gripping capabilities on the conveyed products.

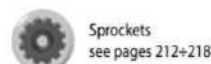
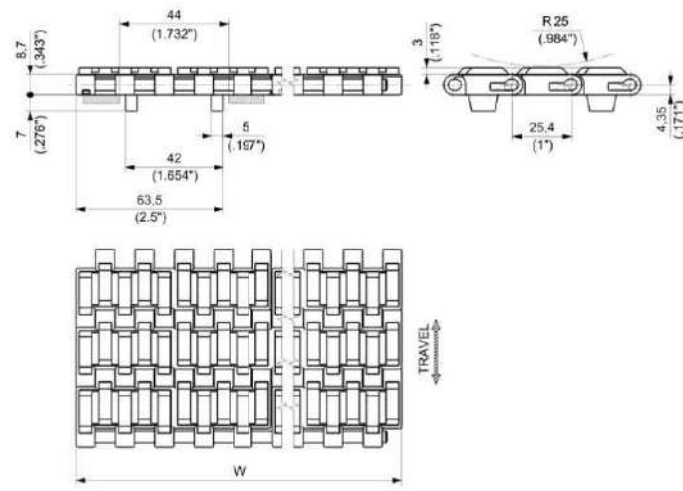


- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 21600 N/m (1,480 lbs/ft) for **ULF** material
13200 N/m (904 lbs/ft) for **PP** material
- **Belt weight:** 9,05 kg/m² (1.85 lbs/ft²) for **ULF** material
6,84 kg/m² (1.40 lbs/ft²) for **PP** material

VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



WIDTH W		MATERIALS				Rubber	Pin
		Module					
		ULF ULTRA LOW FRICTION POLYESTER RESIN		PP SPECIAL POLYPROPYLENE ⁽¹⁾			
		PART NUMBER		PART NUMBER			
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
mm	inch	HF1600ULF0085	HF1600GULF0085	HF1600APP0085	HF1600AGPP0085	THERMOPLASTIC TPE Hardness: 55 ShA for ULF material 50 ShA for PP material	POM for ULF material PBT for PP material
85	3.35	HF1600ULF0170	HF1600GULF0170	HF1600APP0170	HF1600AG1PF0170		
170	6.69	HF1600ULF0255	HF1600GULF0255	HF1600APP0255	HF1600AG1PF0255		
255	10.04	HF1600ULF0340	HF1600GULF0340	HF1600APP0340	HF1600AG1PF0340		
340	13.39	HF1600ULF0425	HF1600GULF0425	HF1600APP0425	HF1600AG1PF0425		
425	16.73	HF1600ULF0510	HF1600GULF0510	HF1600APP0510	HF1600AG1PF0510		
510	20.08	HF1600ULF0595	HF1600GULF0595	HF1600APP0595	HF1600AG1PF0595		
595	23.43	HF1600ULF0680	HF1600GULF0680	HF1600APP0680	HF1600AG1PF0680		
680	26.77	HF1600ULF0765	HF1600GULF0765	HF1600APP0765	HF1600AG1PF0765		
756	30.12	HF1600ULF0850	HF1600GULF0850	HF1600APP0850	HF1600AG1PF0850		
850	33.46	HF1600ULF0935	HF1600GULF0935	HF1600APP0935	HF1600AG1PF0935		
935	36.81	HF1600ULF1020	HF1600GULF1020	HF1600APP1020	HF1600AG1PF1020		
1020	40.16						

(1) ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide the PN for ULF material is "HF1600ULF1105".



Standard packaging:
Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1524 m (5 ft) each.
Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

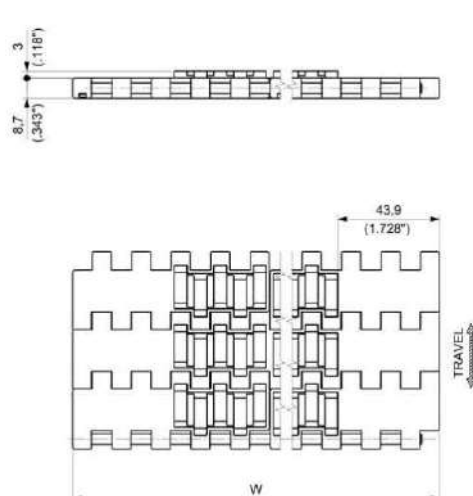
8,7 mm (0.343") THICKNESS RUBBERIZED SURFACE - SIDE INDENT

The belt is specifically designed for handling shrink wrapped packs, boxes, plastic trays and other types of containers in incline, decline or timing applications.

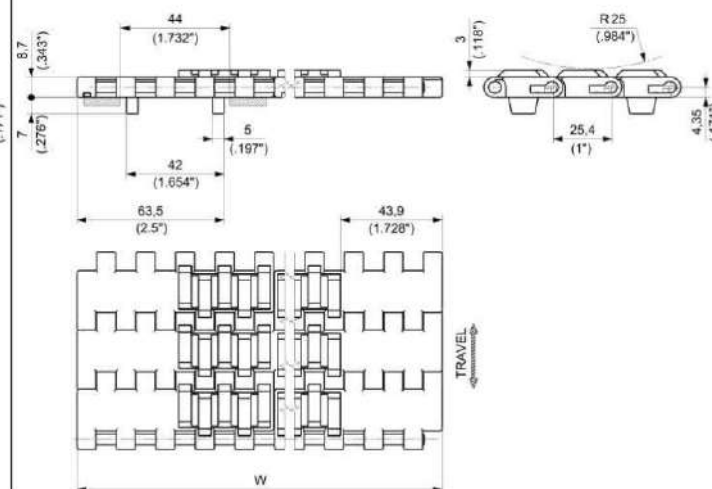
- **Belt widths:** 255 mm (10.04") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 21600 N/m (1,480 lbs/ft) for **ULF** material
13200 N/m (904 lbs/ft) for **PP** material
- **Belt weight:** 8,91 kg/m² (1.82 lbs/ft²) for **ULF** material
6,71 kg/m² (1.37 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 212÷218



Applications
see page 22

WIDTH W		MATERIALS						Rubber	Pin
		Module							
		ULF ULTRA LOW FRICTION POLYESTER RESIN		PP SPECIAL POLYPROPYLENE ⁽¹⁾					
		PART NUMBER		PART NUMBER					
		WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE				
mm	inch								
255	10.04	HFS1600ULF0255	HFS1600G1ULF0255	HFS1600APP0255	HFS1600AG1PP0255	THERMOPLASTIC TPE Hardness: 55 ShA for ULF material 50 ShA for PP material	POM for ULF material PBT for PP material		
340	13.39	HFS1600ULF0340	HFS1600G1ULF0340	HFS1600APP0340	HFS1600AG1PP0340				
425	16.73	HFS1600ULF0425	HFS1600G1ULF0425	HFS1600APP0425	HFS1600AG1PP0425				
510	20.08	HFS1600ULF0510	HFS1600G1ULF0510	HFS1600APP0510	HFS1600AG1PP0510				
595	23.43	HFS1600ULF0595	HFS1600G1ULF0595	HFS1600APP0595	HFS1600AG1PP0595				
680	26.77	HFS1600ULF0680	HFS1600G1ULF0680	HFS1600APP0680	HFS1600AG1PP0680				
765	30.12	HFS1600ULF0765	HFS1600G1ULF0765	HFS1600APP0765	HFS1600AG1PP0765				
850	33.46	HFS1600ULF0850	HFS1600G1ULF0850	HFS1600APP0850	HFS1600AG1PP0850				
935	36.81	HFS1600ULF0935	HFS1600G1ULF0935	HFS1600APP0935	HFS1600AG1PP0935				
1020	40.16	HFS1600ULF1020	HFS1600G1ULF1020	HFS1600APP1020	HFS1600AG1PP1020				

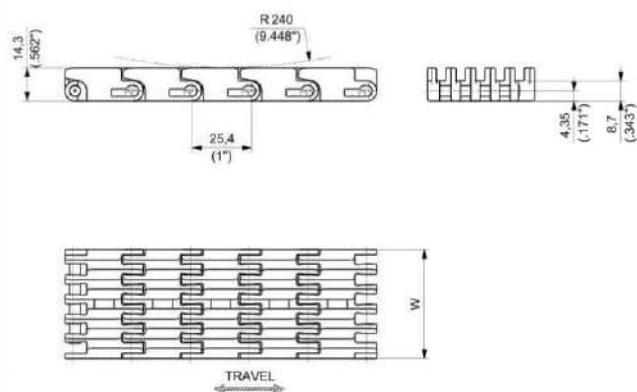
(1) ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for ULF material is "HFS1600ULF1105".

Standard packaging:
Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

8,7 mm (0.343") THICKNESS RAISED RIB

The ideal ratio rib thickness/spacing offers high support even for the most unstable products, such as PET bottles with petaloid bottom, cans, 3-piece cans. Optimum liquid drainage and good mechanical strength.



Materials
see page 12



Combs
see page 209



Sprockets
see pages 212-218



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	RR1600A UP K 30	R1600AUPKMA/000	30,0	1.18	8,7	0.343	700	157	0,39	0.26
		RR1600A UP K 38,5	R1600AUPKMB/000	38,5	1.52	8,7	0.343	950	214	0,49	0.33
		RR1600A UP K 47	R1600AUPKNC/000	47,0	1.85	8,7	0.343	1150	259	0,60	0.40
		RR1600A UP K 58	R1600AUPKPB/000	58,0	2.28	8,7	0.343	1400	315	0,75	0.50
SPECIAL POLYPROPYLENE ⁽¹⁾ PP	PBT	RR1600A PP K 30	R1600APPKMA/000	30,0	1.18	8,7	0.343	700	157	0,26	0.17
		RR1600A PP K 38,5	R1600APPKMB/000	38,5	1.52	8,7	0.343	950	214	0,33	0.22
		RR1600A PP K 47	R1600APPKNC/000	47,0	1.85	8,7	0.343	1150	259	0,40	0.27
		RR1600A PP K 58	R1600APPKPB/000	58,0	2.28	8,7	0.343	1400	315	0,49	0.33

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 0,5% GREATER THAN NOMINAL WIDTH



Standard packaging:
Rolls of 3,048 m (10 feet)

TRANSFER COMBS

Combs are supplied with slot covers but without fastening screws.
One fastening screw is required for each comb.
It can be ordered using P/N 16300020.



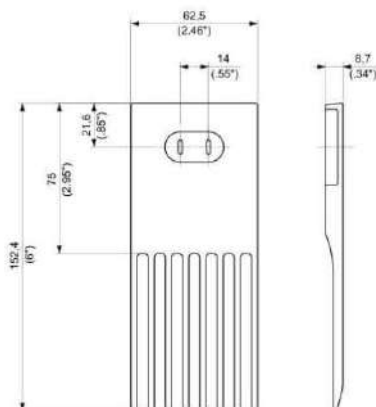
MATERIALS

COMBS: **DG** ACETAL RESIN

SCREWS*: **SS** STAINLESS STEEL

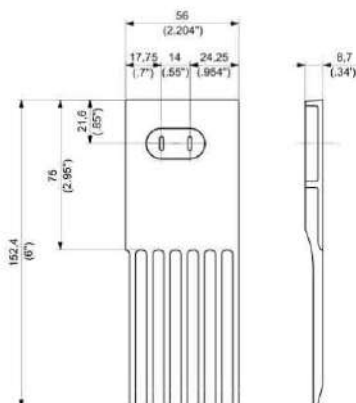
*Screws are not included in the combs.

COMB FOR K 58 CHAIN



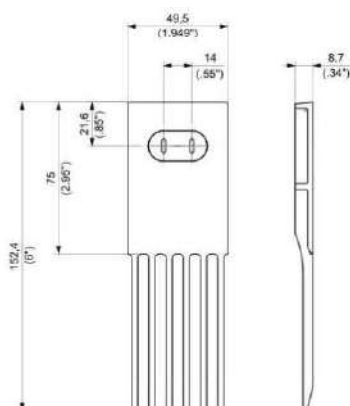
PART NUMBER **TC1600-01**

COMB FOR K 47 CHAIN



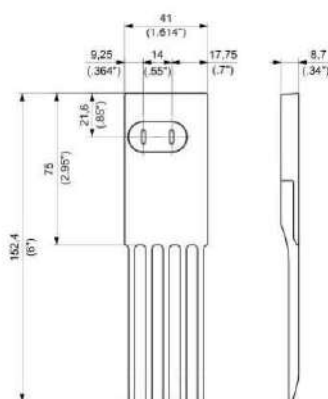
PART NUMBER **TC1600-02**

COMB FOR K 38,5 CHAIN

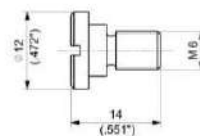


PART NUMBER **TC1600-03**

COMB FOR K 30 CHAIN



PART NUMBER **TC1600-04**

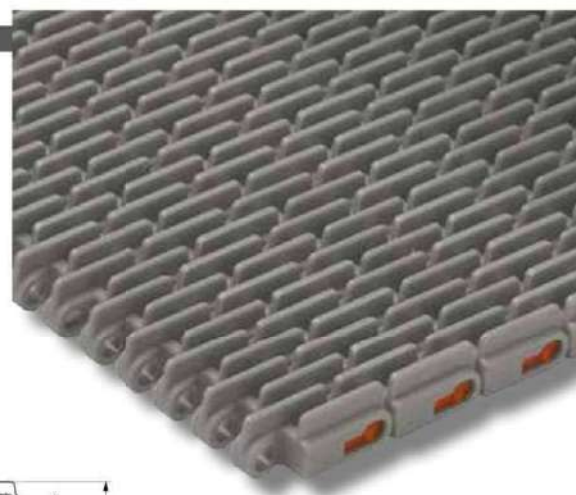
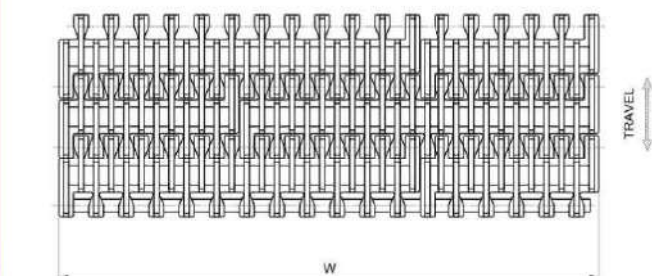
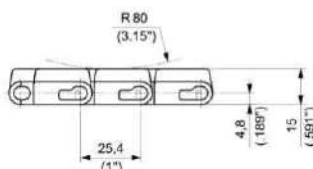
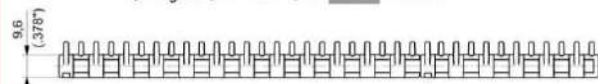


PART NUMBER **16300020**

9,6 mm (0.378") THICKNESS RAISED RIB

This belt allows the head transfer of the products by using transfer combs and has a open area to allow liquid drainage and belt cleaning. Particularly suitable for product infeed of packaging machines.

- **Belt widths:** 152,4 mm (6") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 21580 N/m (1,480 lbs/ft) for **UP** material
10920 N/m (748 lbs/ft) for **PP** material
- **Belt weight:** 9,27 kg/m² (1.90 lbs/ft²) for **UP** material
6,16 kg/m² (1.26 lbs/ft²) for **PP** material



Materials
see page 12



Combs
see page 211



Sprockets
see pages 212+218



Applications
see page 22

WIDTH W		MATERIALS		Pin
		Module		
		UP	PP	
		ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	SPECIAL POLYPROPYLENE ⁽¹⁾	
mm	inch	PART NUMBER	PART NUMBER	
152,4	6	1110UP006	1110PP006	POLYPROPYLENE
228,6	9	1110UP009	1110PP009	
304,8	12	1110UP012	1110PP012	
381,0	15	1110UP015	1110PP015	
457,2	18	1110UP018	1110PP018	
533,4	21	1110UP021	1110PP021	
609,6	24	1110UP024	1110PP024	
685,8	27	1110UP027	1110PP027	
762,0	30	1110UP030	1110PP030	
838,2	33	1110UP033	1110PP033	
914,4	36	1110UP036	1110PP036	
990,6	39	1110UP039	1110PP039	
1066,8	42	1110UP042	1110PP042	
1143,0	45	1110UP045	1110PP045	
1219,2	48	1110UP048	1110PP048	
1295,4	51	1110UP051	1110PP051	
1371,6	54	1110UP054	1110PP054	
1447,8	57	1110UP057	1110PP057	
1524,0	60	1110UP060	1110PP060	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1524 mm (60") are available in 76,2 mm (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 63" wide belt (=60+3 inches), the PN for PP material is "1110PP063".



Standard packaging:
Belts are supplied in the length requested by the customer.

TRANSFER COMBS

Combs are supplied with slot covers but without fastening screws.
Two fastening screws are required for each comb.
They can be ordered using P/N 16300020.

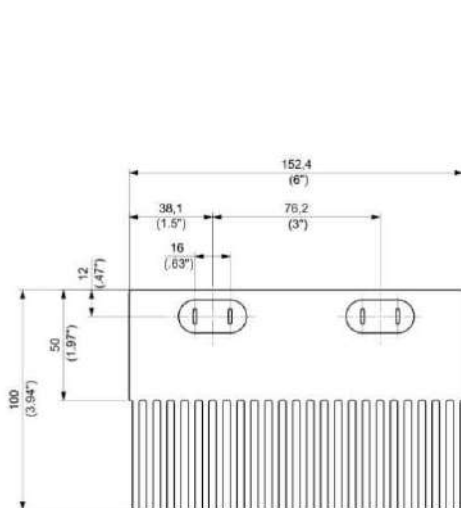
Special note: the comb fastening screws for 1110 belts are not interchangeable with fastening screws for 3125 belts.

MATERIALS

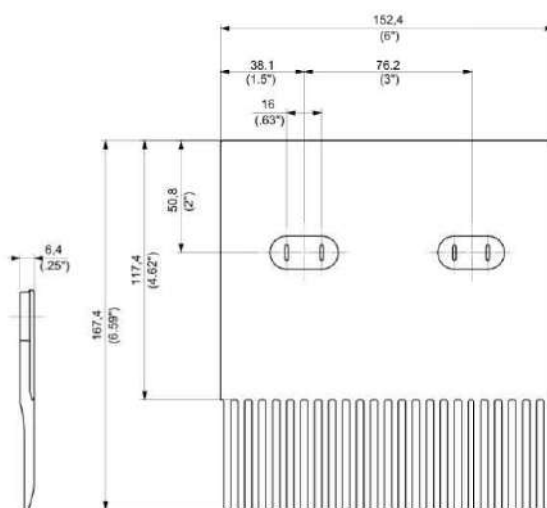
COMBS: **DG** ACETAL RESIN

SCREWS*: **SS** STAINLESS STEEL

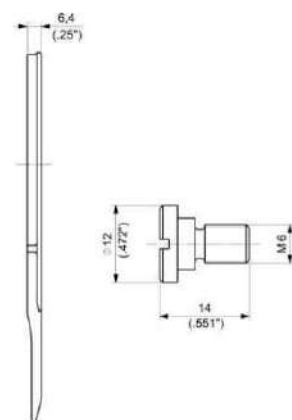
*Screws are not included in the combs.



PART NUMBER **TC1110-01**



PART NUMBER **TC1110-02**



PART NUMBER **16300020**

SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

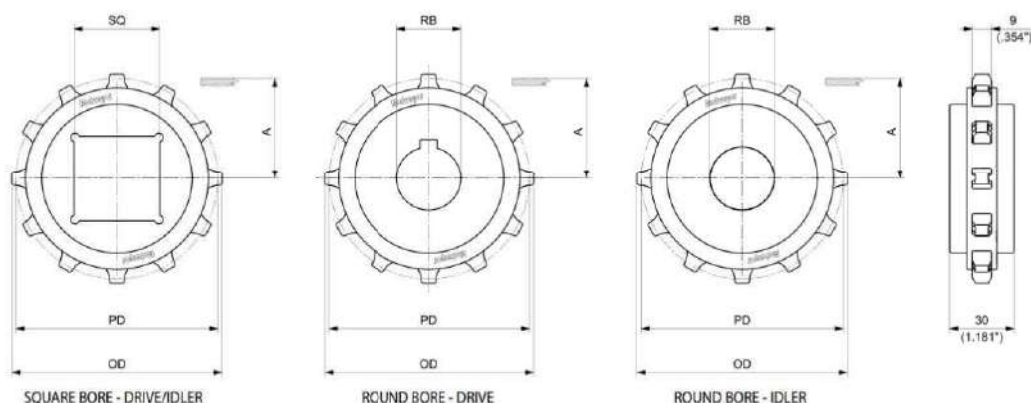
MATERIALS

SPROCKETS: **PGF** REINFORCED POLYAMIDE



8T & 12T SPROCKETS

(for 13T, 18T, 19T & 21T see next pages)



NOTE: FOR 8T SPROCKET, THE HUB WIDTH IS 25 mm (0.984")

MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		SQUARE BORE SQ	PART NUMBER		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch		ROUND BORE RB			
										DRIVE/IDLER	DRIVE	IDLER	Kg
8	66,37	2.613	64,50	2.539	28,80	1.134	20			MPBT10100820	MPBF10100820	0,05	0.11
							25			MPBT10100825	MPBF10100825	0,04	0.10
							30			MPBT10100830	MPBF10100830	0,04	0.08
							1¼			MPBT101008254	MPBF101008254	0,04	0.10
							1½			MPBT101008317	MPBF101008317	0,03	0.07
12	98,14	3.864	97,90	3.854	44,70	1.760	30			MPBT10101230	MPBF10101230	0,14	0.30
							35			MPBT10101235	MPBF10101235	0,13	0.28
							40		MPBQ10101240	MPBT10101240	MPBF10101240	0,12	0.27
							1⅜			MPBT101012301	MPBF101012301	0,14	0.30
							1⅞			MPBT101012365	MPBF101012365	0,12	0.27
							1½			MPBT101012381	MPBF101012381	0,12	0.26

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

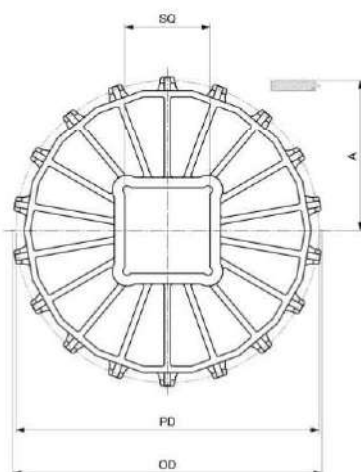
MATERIALS

SPROCKETS: **PGF** REINFORCED POLYAMIDE

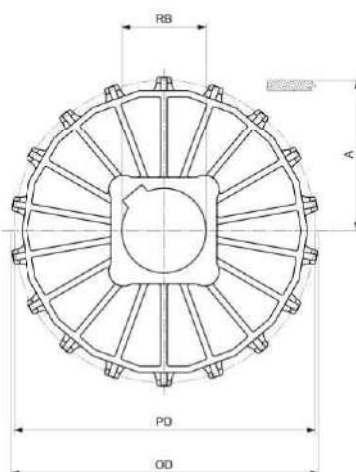


13T & 18T SPROCKETS

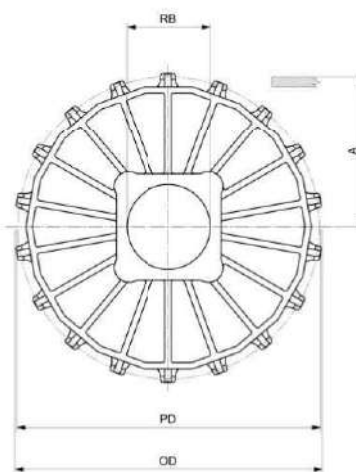
(for 19T & 21T see next page, for 8T & 12T see previous page)



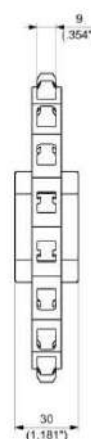
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
13	106,14	4.179	106,20	4.181	48,70	1.917	30			MPBT10101330	MPBF10101330	0,17	0.38
							35			MPBT10101335	MPBF10101335	0,15	0.33
							40		MPBQ10101340	MPBT10101340	MPBF10101340	0,16	0.36
							1 3/8			MPBT101013301	MPBF101013301	0,17	0.38
							1 7/8			MPBT101013365	MPBF101013365	0,16	0.35
							1 1/2		MPBQ10101381	MPBT101013381	MPBF101013381	0,15	0.34
18	146,27	5.759	147,20	5.795	68,80	2.709	30			MPBT10101830	MPBF10101830	0,19	0.41
							35			MPBT10101835	MPBF10101835	0,21	0.47
							40		MPBQ10101840	MPBT10101840	MPBF10101840	0,20	0.44
							60		MPBQ10101860			0,16	0.36
							1 3/8			MPBT101018301		0,21	0.46
							1 7/8			MPBT101018365	MPBF101018365	0,20	0.43
							1 1/2			MPBT101018381	MPBF101018381	0,19	0.42

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

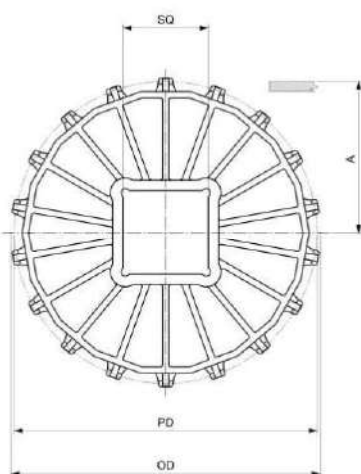
MATERIALS

SPROCKETS: **PGF** REINFORCED POLYAMIDE

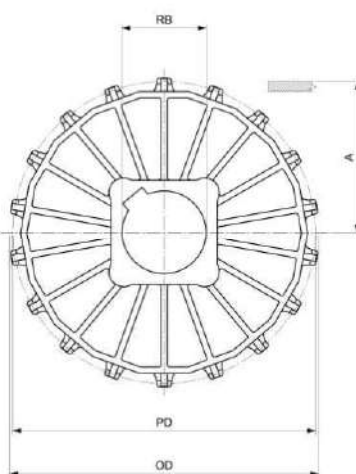


19T & 21T SPROCKETS

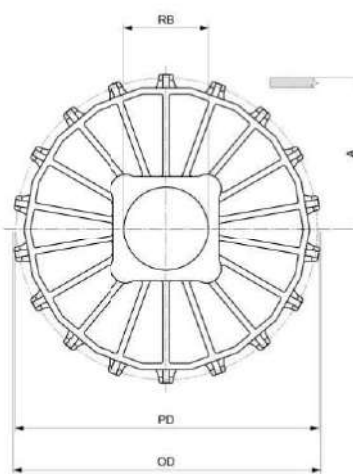
(for 8T, 12T, 13T & 18T see previous pages)



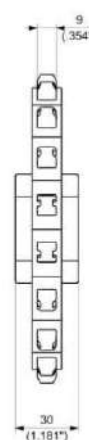
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
19	154,32	6.076	155,30	6.114	72,80	2.866	30			MPBT10101930	MPBF10101930	0,18	0.41
							35			MPBT10101935	MPBF10101935	0,17	0.38
							40		MPBQ10101940	MPBT10101940	MPBF10101940	0,16	0.35
							50			MPBT10101950	MPBF10101950	0,19	0.42
							60		MPBQ10101960	MPBT10101960	MPBF10101960	0,15	0.34
							65		MPBQ10101965			0,17	0.37
							1			MPBT101019254	MPBF101019254	0,19	0.43
							1 3/8			MPBT101019301	MPBF101019301	0,18	0.41
							1 7/8			MPBT101019365	MPBF101019365	0,17	0.37
							1 1/2		MPBQ101019381	MPBT101019381	MPBF101019381	0,17	0.36
21	170,42	6.709	171,60	6.756	80,90	3.185	2 1/2		MPBQ101019635			0,17	0.37
							30			MPBT10102130	MPBF10102130	0,27	0.59
							35			MPBT10102135	MPBF10102135	0,26	0.57
							40		MPBQ10102140	MPBT10102140	MPBF10102140	0,25	0.54
							50			MPBT10102150	MPBF10102150	0,29	0.64
							60		MPBQ10102160			0,22	0.49
							1 3/8			MPBT101021301	MPBF101021301	0,27	0.59
							1 7/8			MPBT101021365	MPBF101021365	0,25	0.56
							1 1/2		MPBQ101021381	MPBT101021381	MPBF101021381	0,25	0.55

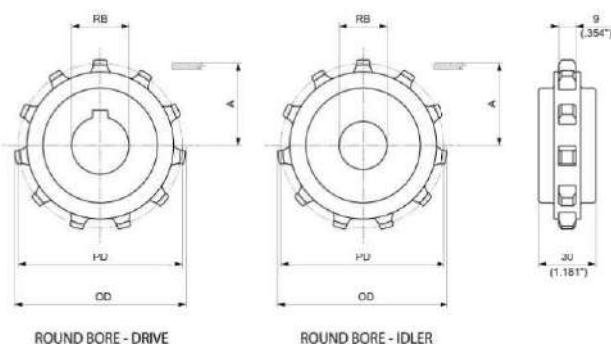
*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

MATERIALS

SPROCKETS: **PA** POLYAMIDE



MACHINED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	DRIVE	IDLER	Kg	lbs
10	82,20	3.236	81,30	3.201	36,70	1.445	25		MPBAT10101025	MPBAF10101025	0,09	0.19
							30		MPBAT10101030	MPBAF10101030	0,08	0.18
							1		MPBAT101010254	MPBAF101010254	0,09	0.19
							1 1/4		MPBAT101010317	MPBAF101010317	0,08	0.17
							1 1/2		MPBAT101010381	MPBAF101010381	0,07	0.14
11	90,16	3.550	89,60	3.528	40,70	1.602	25		MPBAT10101125	MPBAF10101125	0,11	0.25
							30		MPBAT10101130	MPBAF10101130	0,11	0.23
							1		MPBAT101011254	MPBAF101011254	0,11	0.25
							1 1/4		MPBAT101011317	MPBAF101011317	0,10	0.23
							1 1/2		MPBAT101011381	MPBAF101011381	0,09	0.20

*Diameter is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

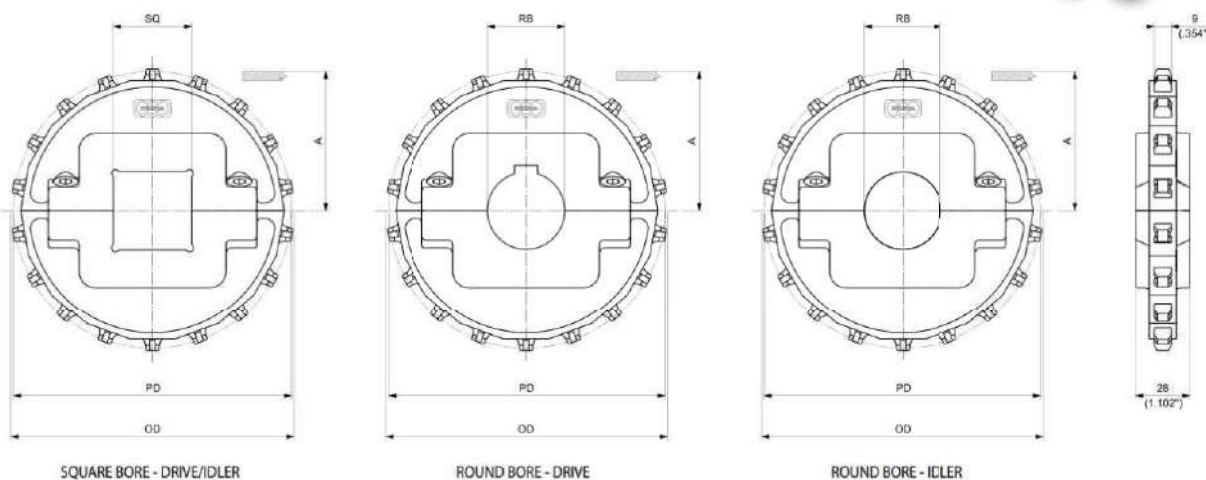
SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

MATERIALS		
SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+NC	ZINC PLATED STEEL



16T & 18T SPROCKETS (for 19T & 20T see next page)



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ	ROUND BORE RB		Kg	lbs
									DRIVE/IDLER	DRIVE	IDLER		
16	130,20	5.126	130,10	5.122	60,70	2.390	30			MPBST10101630	MPBSF10101630	0,27	0.59
							35			MPBST10101635	MPBSF10101635	0,26	0.58
							40	MPBSQ10101640	MPBST10101640	MPBSF10101640	0,25	0.56	
							45			MPBST10101645	MPBSF10101645	0,25	0.54
							50	MPBSQ10101650	MPBST10101650	MPBSF10101650	0,24	0.52	
							60	MPBSQ10101660			0,19	0.42	
							1			MPBST101016254	MPBSF101016254	0,27	0.61
							1 3/16			MPBST101016301	MPBSF101016301	0,27	0.59
							1 1/4			MPBST101016317	MPBSF101016317	0,27	0.59
							1 1/16			MPBST101016365	MPBSF101016365	0,26	0.57
18	146,27	5.759	146,50	5.768	68,80	2.709	30			MPBST10101830	MPBSF10101830	0,32	0.71
							35			MPBST10101835	MPBSF10101835	0,32	0.70
							40	MPBSQ10101840	MPBST10101840	MPBSF10101840	0,31	0.68	
							45			MPBST10101845	MPBSF10101845	0,30	0.66
							50	MPBSQ10101850	MPBST10101850	MPBSF10101850	0,29	0.64	
							60	MPBSQ10101860	MPBST10101860	MPBSF10101860	0,27	0.59	
							1			MPBST101018254	MPBSF101018254	0,33	0.72
							1 3/16			MPBST101018301	MPBSF101018301	0,32	0.71
							1 1/4			MPBST101018317	MPBSF101018317	0,32	0.71
							1 1/16			MPBST101018365	MPBSF101018365	0,31	0.69
						1 1/2	MPBSQ101018381	MPBST101018381	MPBSF101018381	0,31	0.69		
						2			MPBST101018508	MPBSF101018508	0,29	0.63	

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

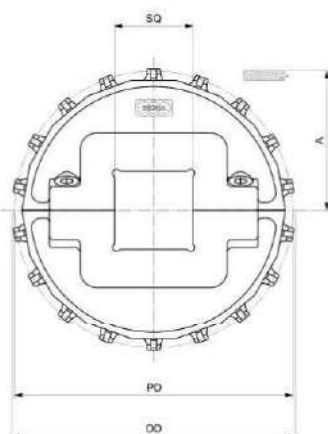
- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

MATERIALS			
SPROCKETS:	PGF	REINFORCED POLYAMIDE	
SCREW:	SS	STAINLESS STEEL	
NUTS:	S+NC	ZINC PLATED STEEL	

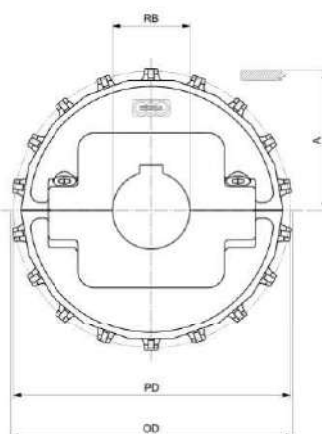


19T & 20T SPROCKETS

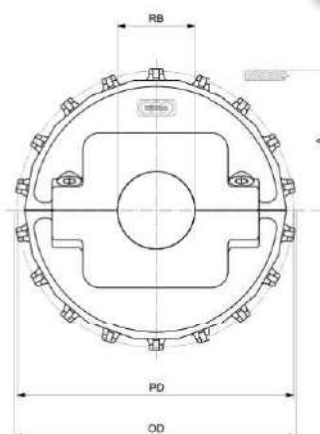
(for 16T & 18T see previous page)



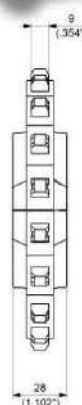
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**		Kg	lbs
19	154,32	6.076	154,60	6.087	72,80	2.866	30		MPBST10101930	0,33	0.72
							35		MPBST10101935	0,32	0.71
							40	MPBSQ10101940	MPBST10101940	0,31	0.69
							45		MPBST10101945	0,30	0.67
							50	MPBSQ10101950	MPBST10101950	0,30	0.65
							60	MPBSQ10101960	MPBST10101960	0,27	0.61
							1		MPBST101019254	0,35	0.77
							1 3/8		MPBST101019301	0,33	0.72
							1 1/4		MPBST101019317	0,32	0.71
							1 7/8		MPBST101019365	0,32	0.70
							1 1/2	MPBSQ101019381	MPBST101019381	0,32	0.70
							2		MPBST101019508	0,28	0.62
							2 1/2	MPBSQ101019635		0,25	0.54
20	162,37	6.393	162,80	6.409	76,80	3.024	30		MPBST10102030	0,35	0.78
							35		MPBST10102035	0,35	0.77
							40	MPBSQ10102040	MPBST10102040	0,34	0.75
							50		MPBST10102050	0,32	0.71
							60	MPBSQ10102060	MPBST10102060	0,30	0.66
							65	MPBSQ10102065		0,26	0.58
							1		MPBST101020254	0,36	0.79
							1 3/8		MPBST101020301	0,35	0.78
							1 1/4		MPBST101020317	0,35	0.78
							1 7/8		MPBST101020365	0,35	0.76
							1 1/2	MPBSQ101020381	MPBST101020381	0,34	0.76
							2		MPBST101020508	0,32	0.71
							2 1/2	MPBSQ101020635		0,27	0.59

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

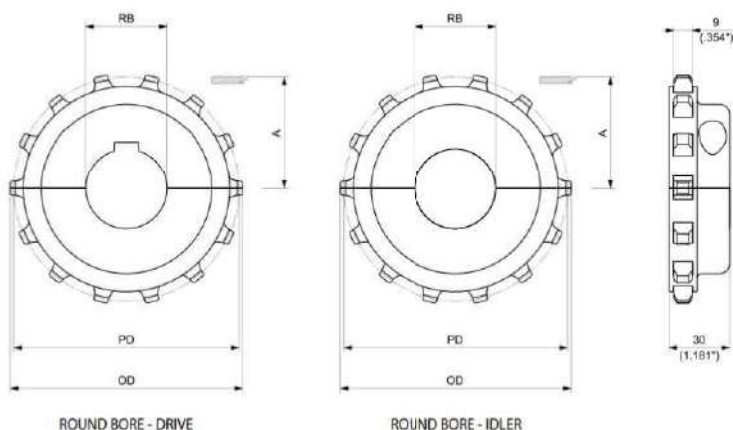
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

- 1500
- 1600
- HF 1600
- HFS 1600
- RR 1500
- RR 1600
- 1110

MATERIALS

SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS



ROUND BORE - DRIVE

ROUND BORE - IDLER



MOULDED SOLID IDLER WHEELS
SEE PAGE 123



MOULDED SPLIT IDLER WHEELS
SEE PAGE 186



MACHINED SPLIT IDLER WHEELS
SEE PAGE 125

MACHINED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	DRIVE	IDLER	Kg	lbs
14	114,15	4.494	114,40	4.504	52,70	2.075	25		MPBAST10101425	MPBASF10101425	0,26	0.57
							30		MPBAST10101430	MPBASF10101430	0,25	0.55
							35		MPBAST10101435	MPBASF10101435	0,24	0.53
							40		MPBAST10101440	MPBASF10101440	0,23	0.51
							1		MPBAST101014254	MPBASF101014254	0,26	0.56
							1 3/16		MPBAST101014301	MPBASF101014301	0,25	0.55
							1 1/4		MPBAST101014317	MPBASF101014317	0,25	0.54
							1 3/8		MPBAST101014365	MPBASF101014365	0,24	0.52
							1 1/2		MPBAST101014381	MPBASF101014381	0,23	0.52

*Diameter is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.



PERFORMANCE IN MOTION

Matveyor®

$\frac{3}{4}$ " Pitch Medium Duty Belts and Chains



INDUSTRIES AND APPLICATIONS

Suitable for handling loose & packaged products, such as plastic & glass bottles and aluminium & steel cans, in medium duty applications.

INDUSTRIES

Bottling and canning
Food filling
Container manufacturing
Pharmaceutical
Paper/cardboard
Consumer goods

APPLICATIONS

Depalletizer
Pressureless Inliners and Combiners
Single lane & mass conveyors
Accumulation tables
Infeed packaging machines
Case conveyors
Palletizers

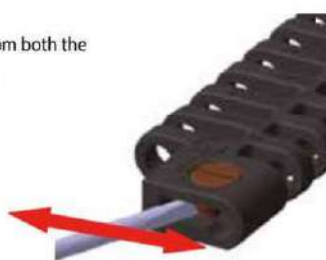
FEATURES

- Smooth and uniform top surface, thanks to location of retention clip underneath modules and reduced gaps between hinges.



- Maximized bottom sliding surface to guarantee limited wear.

- The optimized design and location of retention clip, which can be easily rotated from both the bottom and the side of the belt, results in an easy belt assembly and disassembly.



SIDE



BOTTOM

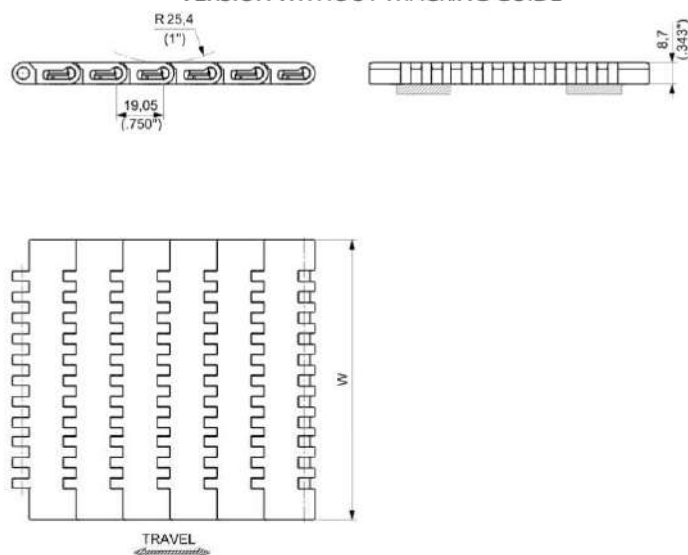
- The belts can be used on conveyors side by side with Magnetic or TAB sideflexing chains 782 or 783 series allowing a smooth products transfer between straight running and sideflexing conveyors.

8,7 mm (0.343") THICKNESS SOLID TOP

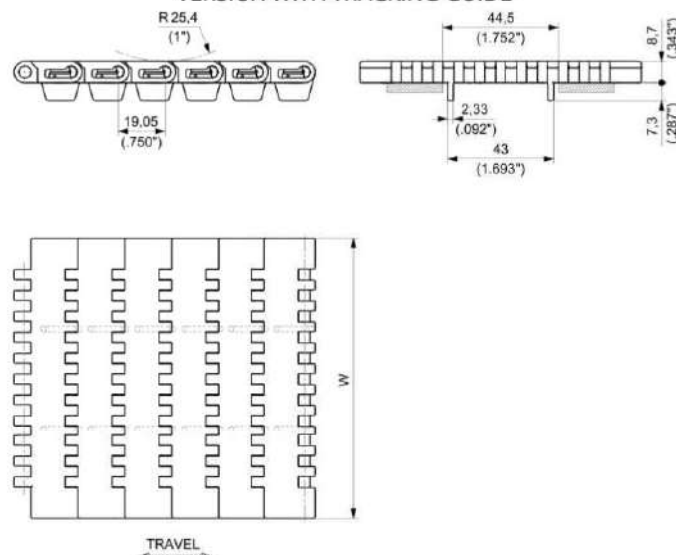
Extremely good flatness, manufacturing accuracy, and low coefficient of friction, make the side transfer of the products very easy. Completely closed surface, no gap between the modules, even when engaging on the sprockets. Particularly suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base).



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 220÷222



Applications
see page 22

MATERIALS		VERSION	ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	WITHOUT TRACKING GUIDE		7300 UP 325	7300UPKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300 UP 450	7300UPKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300 UP 600	7300UPKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300 UP 750	7300UPKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2		PBT	7300 D2K 325	7300D2KKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300 D2K 450	7300D2KKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300 D2K 600	7300D2KKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300 D2K 750	7300D2KKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26
ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-FAST			7300 EF 325	7300EFKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300 EF 450	7300EFKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300 EF 600	7300EFKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300 EF 750	7300EFKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	WITH TRACKING GUIDE		7300G UP 325	7300GUPKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300G UP 450	7300GUPKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300G UP 600	7300GUPKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300G UP 750	7300GUPKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2		PBT	7300G D2K 325	7300GD2KKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300G D2K 450	7300GD2KKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300G D2K 600	7300GD2KKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300G D2K 750	7300GD2KKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26
ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-FAST			7300G EF 325	7300GEFKD/000	82,6	3.25	8,7	0.343	2300	517	0,84	0.57
			7300G EF 450	7300GEFKG/000	114,3	4.50	8,7	0.343	3290	740	1,15	0.77
			7300G EF 600	7300GEFKH/000	152,4	6.00	8,7	0.343	4370	982	1,51	1.01
			7300G EF 750	7300GEFKL/000	190,5	7.50	8,7	0.343	5450	1225	1,87	1.26

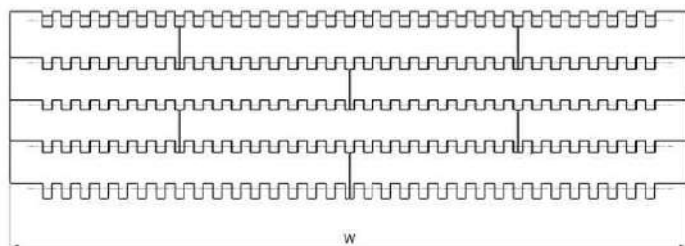
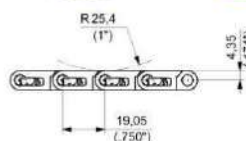


Standard packaging:
Rolls of 3,048 m (10 feet)

8,7 mm (0.343") THICKNESS SOLID TOP

This belt offers a smooth surface to provide excellent support and minimize product tippage. Particularly suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base).

- Belt widths: 228,6 mm (9") or wider in 76,2 mm (3") increments
- Working Load (at 25°C/77°F): 30000 N/m (2,056 lbs/ft) for **UP**, **DK2** and **E-F.A.S.T.** materials
- Belt weight: 9,36 kg/m² (1.92 lbs/ft²) for **UP**, **DK2** and **E-F.A.S.T.** materials



Materials
see page 12



Sprockets
see pages 220+222



Applications
see page 22

WIDTH W		MATERIALS			
		Module		 Pin	
		 ULTRA PERFORMANCE HOMOPOLYMER DELRIN *	 SPECIAL DELRIN * REINFORCED WITH KEVLAR *		 ECOLOGICAL FRICTION ABATING THERMOPLASTIC
mm	inch	PART NUVBER	PART NUMBER		
228,6	9	7300UP009	7300D2K009	7300EF009	PBT
304,8	12	7300UP012	7300D2K012	7300EF012	
381,0	15	7300UP015	7300D2K015	7300EF015	
457,2	18	7300UP018	7300D2K018	7300EF018	
533,4	21	7300UP021	7300D2K021	7300EF021	
609,6	24	7300UP024	7300D2K024	7300EF024	
685,8	27	7300UP027	7300D2K027	7300EF027	
762,0	30	7300UP030	7300D2K030	7300EF030	
838,2	33	7300UP033	7300D2K033	7300EF033	
914,4	36	7300UP036	7300D2K036	7300EF036	
990,6	39	7300UP039	7300D2K039	7300EF039	
1066,8	42	7300UP042	7300D2K042	7300EF042	
1143,0	45	7300UP045	7300D2K045	7300EF045	
1219,2	48	7300UP048	7300D2K048	7300EF048	
1295,4	51	7300UP051	7300D2K051	7300EF051	
1371,6	54	7300UP054	7300D2K054	7300EF054	
1447,8	57	7300UP057	7300D2K057	7300EF057	
1524,0	60	7300UP060	7300D2K060	7300EF060	

Belts wider than 1524 mm (60") are available in 76,2 mm (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 63" wide belt (=60+3 inches) the PN for UP material is "7300UP063".
On request belts available in 1/8" (8,5 mm) increments, starting from 9" (228,6 mm).

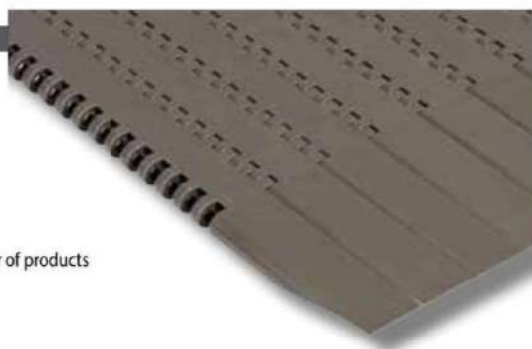


Standard packaging:
Belts are supplied in the length requested by the customer.

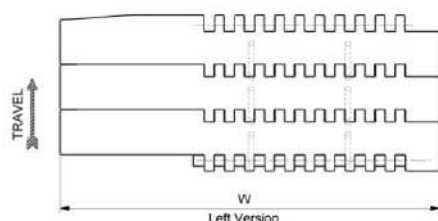
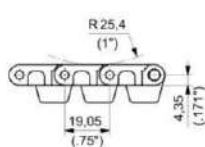
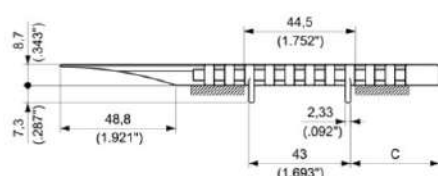
ACTIVE TRANSFER MODULES

8,7 mm (0.343") THICKNESS

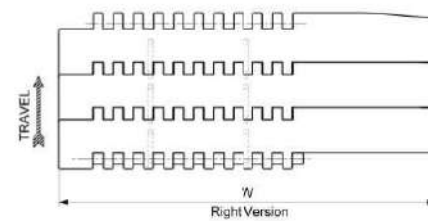
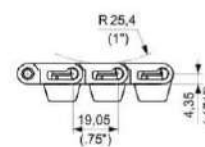
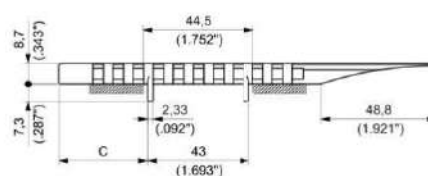
SOLID TOP



7300G ATM can be used in combination with 7300 modular belts. Active transfer modules 7300G ATM allow the transfer of products between two 90° conveyor tracks without using dead plates. The special wing shaped module profile supports the products dynamically during transfer on the take-away belts. Available left and right version.



K 4½": C= 37,5 mm (1.477")
K 7½": C= 71,5 mm (2.815")



K 4½": C= 37,5 mm (1.477")
K 7½": C= 71,5 mm (2.815")

7300G ATM - Left Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® 	PBT	7300GATM UP 450 LH	7300GATMUP450LH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86
		7300GATM UP 750 LH	7300GATMUP750LH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34
SPECIAL DELRIN® REINFORCED WITH KEVLAR® 		7300GATM D2K 450 LH	7300GATMD2K450LH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86
		7300GATM D2K 750 LH	7300GATMD2K750LH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34
ECOLOGICAL FRICTION ABATING THERMOPLASTIC 		7300GATM EF 450 LH	7300GATMEF450LH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86
		7300GATM EF 750 LH	7300GATMEF750LH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34

7300G ATM - Right Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT		
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft	
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® 	PBT	7300GATM UP 450 RH	7300GATMUP450RH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86	
		7300GATM UP 750 RH	7300GATMUP750RH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34	
SPECIAL DELRIN® REINFORCED WITH KEVLAR® 		7300GATM D2K 450 RH	7300GATMD2K450RH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86	
		7300GATM D2K 750 RH	7300GATMD2K750RH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34	
ECOLOGICAL FRICTION ABATING THERMOPLASTIC 		7300GATM EF 450 RH	7300GATMEF450RH	160,0	6.30	8,7	0.343	3290	740	1,28	0.86	
		7300GATM EF 750 RH	7300GATMEF750RH	236,2	9.30	8,7	0.343	4370	982	1,99	1.34	



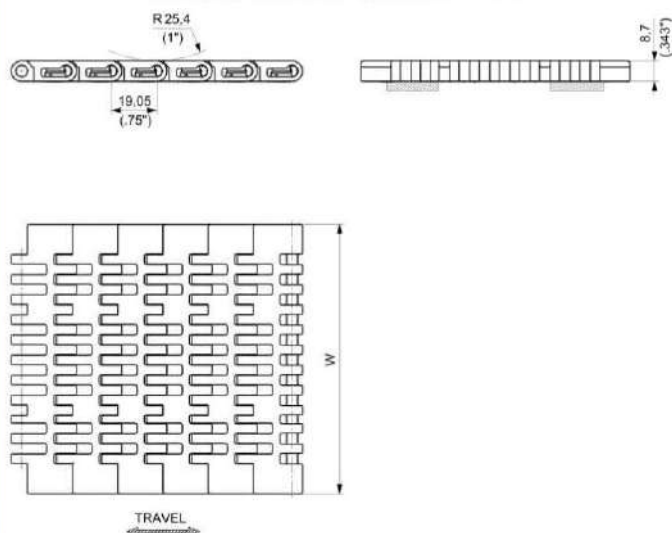
Standard packaging:
Rolls of 3,048 m (10 feet)

8,7 mm (0.343") THICKNESS FLUSH GRID

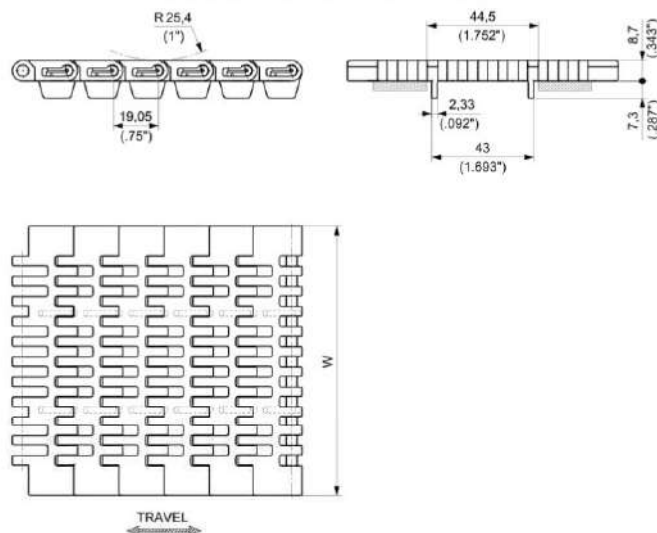
This belt has an excellent combination of open and support areas to allow drainage of liquids and good support of the conveyed product.
This belt is particularly suitable for conveying of aluminium cans.



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 220+222



Applications
see page 22

MATERIALS		VERSION	ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	PBT	WITHOUT TRACKING GUIDE	7200 UP 325	7200UPKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200 UP 450	7200UPKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200 UP 600	7200UPKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200 UP 750	7200UPKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2			7200 D2K 325	7200D2KKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200 D2K 450	7200D2KKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200 D2K 600	7200D2KKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200 D2K 750	7200D2KKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17
NEW ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-FAST			7200 EF 325	7200EFKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200 EF 450	7200EFKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200 EF 600	7200EFKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200 EF 750	7200EFKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	PBT	WITH TRACKING GUIDE	7200G UP 325	7200GUPKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200G UP 450	7200GUPKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200G UP 600	7200GUPKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200G UP 750	7200GUPKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2			7200G D2K 325	7200GD2KKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200G D2K 450	7200GD2KKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200G D2K 600	7200GD2KKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200G D2K 750	7200GD2KKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17
NEW ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-FAST			7200G EF 325	7200GEFKD/000	82,6	3.25	8,7	0.343	2300	517	0,80	0.54
			7200G EF 450	7200GEFKG/000	114,3	4.50	8,7	0.343	3290	740	1,08	0.72
			7200G EF 600	7200GEFKH/000	152,4	6.00	8,7	0.343	4370	982	1,41	0.95
			7200G EF 750	7200GEFKL/000	190,5	7.50	8,7	0.343	5450	1225	1,74	1.17

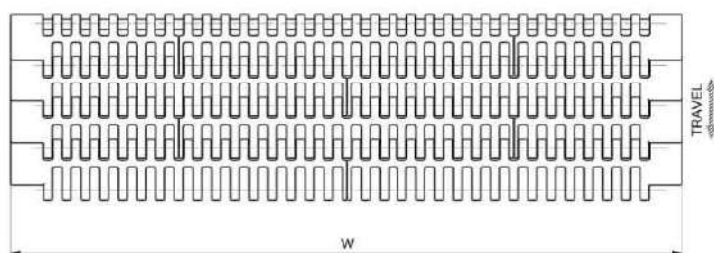
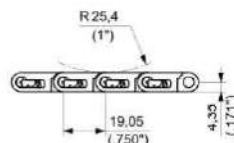


Standard packaging:
Rolls of 3,048 m (10 feet)

8,7 mm (0.343") THICKNESS FLUSH GRID

This belt has an excellent combination of open and support areas to allow drainage of liquids and good support of the conveyed product. This belt is particularly suitable for conveying of aluminium cans.

- **Belt widths:** 228,6 mm (9") or wider in 76,2 mm (3") increments
- **Working Load (at 25°C/77°F):** 30000 N/m (2,056 lbs/ft) for **UP**, **DK2** and **e-FAST** materials
- **Belt weight:** 8,46 kg/m² (1.73 lbs/ft²) for **UP**, **DK2** and **e-FAST** materials



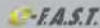
Materials
see page 12



Sprockets
see pages 220+222



Applications
see page 22

WIDTH W		MATERIALS			Pin
		Module			
		 ULTRA PERFORMANCE HOMOPOLYMER DELRIN ®	 SPECIAL DELRIN ® REINFORCED WITH KEVLAR ®	 ECOLOGICAL FRICTION ABATING THERMOPLASTIC 	
mm	inch	PART NUMBER	PART NUMBER		
228,6	9	7200UP009	7200D2K009	7200EF009	PBT
304,8	12	7200UP012	7200D2K012	7200EF012	
381,0	15	7200UP015	7200D2K015	7200EF015	
457,2	18	7200UP018	7200D2K018	7200EF018	
533,4	21	7200UP021	7200D2K021	7200EF021	
609,6	24	7200UP024	7200D2K024	7200EF024	
685,8	27	7200UP027	7200D2K027	7200EF027	
762,0	30	7200UP030	7200D2K030	7200EF030	
838,2	33	7200UP033	7200D2K033	7200EF033	
914,4	36	7200UP036	7200D2K036	7200EF036	
990,6	39	7200UP039	7200D2K039	7200EF039	
1066,8	42	7200UP042	7200D2K042	7200EF042	
1143,0	45	7200UP045	7200D2K045	7200EF045	
1219,2	48	7200UP048	7200D2K048	7200EF048	
1295,4	51	7200UP051	7200D2K051	7200EF051	
1371,6	54	7200UP054	7200D2K054	7200EF054	
1447,8	57	7200UP057	7200D2K057	7200EF057	
1524,0	60	7200UP060	7200D2K060	7200EF060	

Belts wider than 1524 mm (60") are available in 76,2 mm (3") increments.
To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.
Example: for a 63" wide belt (=60+3 inches) the PN for UP material is "7200UP063".
On request belts available in 1/8" (8,5 mm) increments, starting from 9" (228,6 mm).



Standard packaging:
Belts are supplied in the length requested by the customer.

SUITABLE FOR CHAINS:

- 7200
- 7300

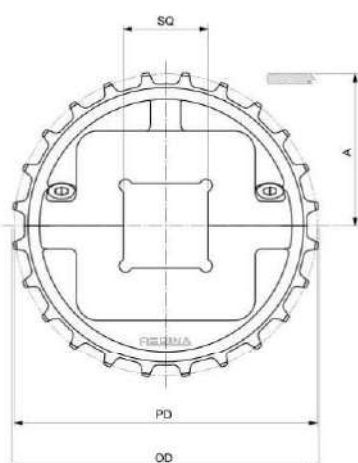
MATERIALS

SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+ZN	ZINC PLATED STEEL

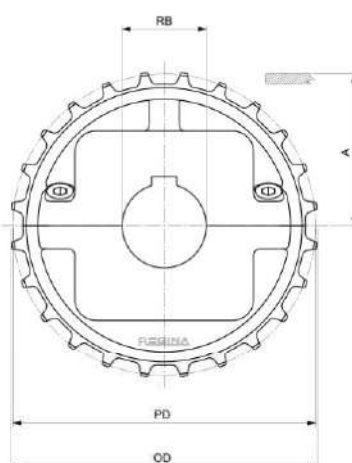


24T & 25T SPROCKETS

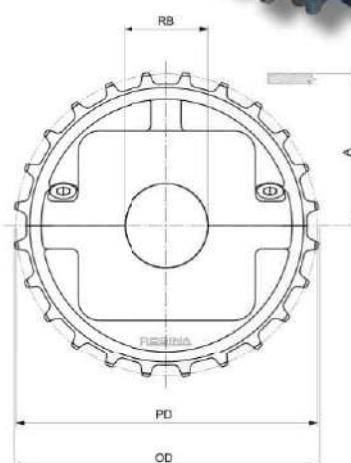
(for 27T see next page)



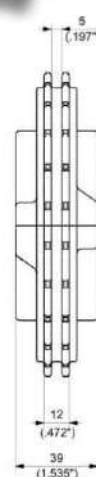
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
24	145,95	5.746	146,00	5.748	68,60	2.701	30			MPBST73002430	MPBSF73002430	0,41	0.91
							35			MPBST73002435	MPBSF73002435	0,41	0.90
							40		MPBSQ73002440	MPBST73002440	MPBSF73002440	0,40	0.88
							45			MPBST73002445	MPBSF73002445	0,39	0.86
							50		MPBSQ73002450	MPBST73002450	MPBSF73002450	0,38	0.83
							60			MPBST73002450	MPBSF73002460	0,35	0.78
							1		MPBSQ730024254	MPBST730024254	MPBSF730024254	0,42	0.93
							1 1/16			MPBST730024301	MPBSF730024301	0,41	0.91
							1 1/4			MPBST730024317	MPBSF730024317	0,41	0.91
							1 1/2			MPBST730024365	MPBSF730024365	0,40	0.89
							1 3/4		MPBSQ730024381	MPBST730024381	MPBSF730024381	0,40	0.88
							2		MPBSQ730024508	MPBST730024508	MPBSF730024508	0,38	0.83
							2 1/2		MPBSQ730024635	MPBST730024635	MPBSF730024635	0,34	0.76
							30			MPBST73002530	MPBSF73002530	0,43	0.94
25	152,99	6.023	152,00	5.984	71,70	2.823	35			MPBST73002535	MPBSF73002535	0,42	0.93
							40		MPBSQ73002540	MPBST73002540	MPBSF73002540	0,41	0.91
							45			MPBST73002545	MPBSF73002545	0,40	0.89
							50		MPBSQ73002550	MPBST73002550	MPBSF73002550	0,39	0.86
							60			MPBST73002550	MPBSF73002560	0,37	0.81
							1		MPBSQ730025254	MPBST730025254	MPBSF730025254	0,43	0.96
							1 1/16			MPBST730025301	MPBSF730025301	0,43	0.94
							1 1/4			MPBST730025317	MPBSF730025317	0,43	0.94
							1 1/2			MPBST730025365	MPBSF730025365	0,42	0.92
							1 3/4		MPBSQ730025381	MPBST730025381	MPBSF730025381	0,42	0.92
							2		MPBSQ730025508	MPBST730025508	MPBSF730025508	0,39	0.86
							2 1/2		MPBSQ730025635	MPBST730025635	MPBSF730025635	0,36	0.79

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

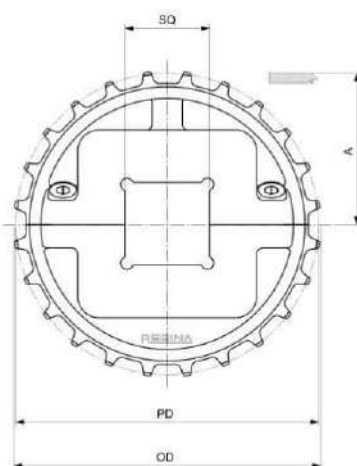
- 7200
- 7300

MATERIALS			
SPROCKETS:	PGF	REINFORCED POLYAMIDE	
SCREW:	S5	STAINLESS STEEL	
NUTS:	S+ZN	ZINC PLATED STEEL	

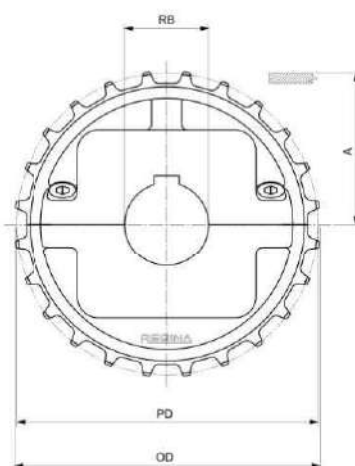


27T SPROCKET

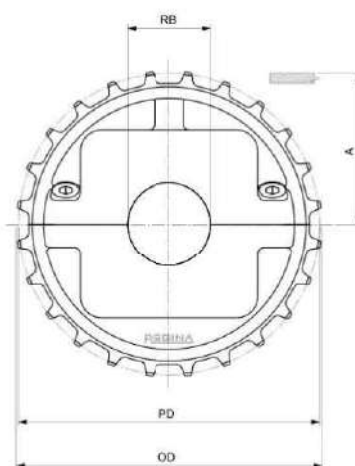
(for 24T & 25T see previous page)



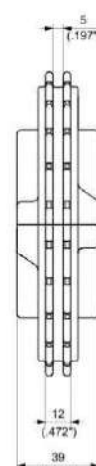
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



**MOULDED SOLID
IDLER WHEELS**
SEE PAGE 123



**MOULDED SPLIT
IDLER WHEELS**
SEE PAGE 186



**MACHINED SPLIT
IDLER WHEELS**
SEE PAGE 125

MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
									SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB		Kg	lbs
	mm	inch	mm	inch	mm	inch	mm	inch**		DRIVE	IDLER		
27	164,09	6.460	164,20	6.465	77,70	3.059	30			MPBST73002730	MPBSF73002730	0,46	1.01
							35			MPBST73002735	MPBSF73002735	0,45	0.99
							40		MPBSQ73002740	MPBST73002740	MPBSF73002740	0,44	0.97
							45			MPBST73002745	MPBSF73002745	0,43	0.95
							50		MPBSQ73002750	MPBST73002750	MPBSF73002750	0,42	0.93
							60			MPBST73002760	MPBSF73002760	0,40	0.87
							1		MPBSQ730027254	MPBST730027254	MPBSF730027254	0,46	1.02
							1 3/16			MPBST730027301	MPBSF730027301	0,46	1.01
							1 1/4			MPBST730027317	MPBSF730027317	0,46	1.01
							1 7/16			MPBST730027365	MPBSF730027365	0,45	0.99
							1 1/2		MPBSQ730027381	MPBST730027381	MPBSF730027381	0,45	0.98
							2		MPBSQ730027508	MPBST730027508	MPBSF730027508	0,42	0.93
							2 1/2		MPBSQ730027635	MPBST730027635	MPBSF730027635	0,39	0.85

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

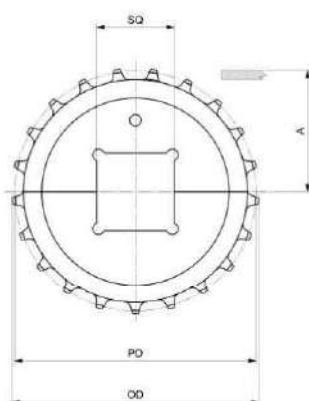
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

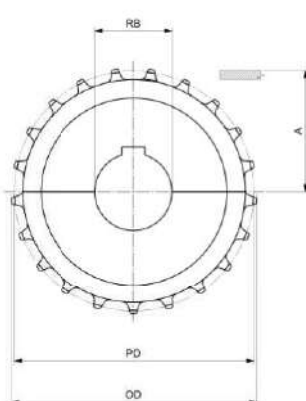
- 7200
- 7300

MATERIALS

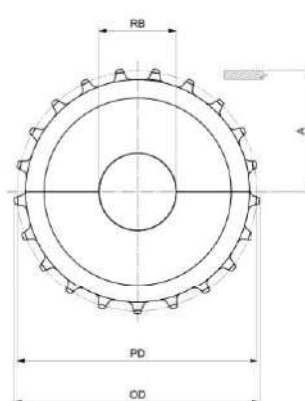
SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS



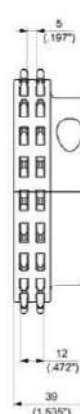
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MACHINED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT
	mm	inch	mm	inch	mm	inch	mm	inch**		
17	103,67	4.081	103,60	4.079	47,50	1.870	25		MPBAST73001725	0,25
							30		MPBAST73001730	0,24
							35		MPBAST73001735	0,23
							40		MPBASQ73001740	0,21
							1	MPBASQ730017254	MPBASQ730017254	0,25
							1 3/16		MPBAST730017301	0,24
							1 1/4		MPBAST730017317	0,23
							1 3/8		MPBAST730017349	0,23
							1 7/16		MPBAST730017365	0,22
							1 1/2	MPBSQ730017381	MPBASQ730017381	0,22
							25		MPBAST73002125	0,42
							30		MPBAST73002130	0,41
21	127,82	5.032	127,90	5.035	59,60	2.346	35		MPBAST73002135	0,40
							40		MPBASQ73002140	0,39
							45		MPBAST73002145	0,37
							50		MPBASQ73002150	0,35
							60		MPBAST73002160	0,32
							1	MPBASQ730021254	MPBASQ730021254	0,42
							1 3/16		MPBAST730021301	0,41
							1 1/4		MPBAST730021317	0,41
							1 3/8		MPBAST730021349	0,40
							1 7/16		MPBAST730021365	0,39
							1 1/2	MPBASQ730021381	MPBASQ730021381	0,39
							2	MPBASQ730021508	MPBASQ730021508	0,35

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.



Matveyor[®]

1" Pitch Heavy Duty Belts and Chains



INDUSTRIES AND APPLICATIONS

Suitable for handling loose and packaged products, such as glass bottles, aluminium & steel cans, in heavy duty applications

INDUSTRIES

Bottling and canning
Container manufacturing
(in particular glass bottles)
Paper/cardboard

APPLICATIONS

Depalletizer
Pressureless Inliners and Combiners
Single lane & mass conveyors
Accumulation tables
Case conveyors
Palletizers



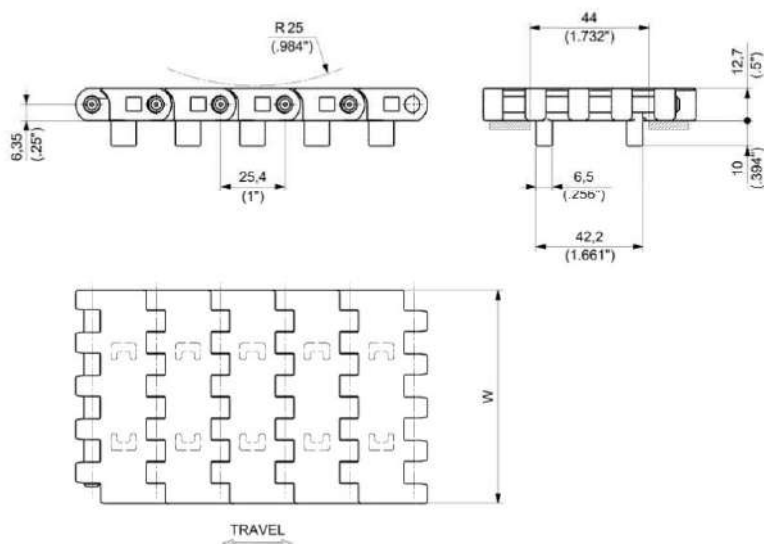
FEATURES

- Strong hinge design ensure high mechanical strength for the most demanding applications.
- Round design edge and no gap between hinges allow a superior product handling in linear and side transfer of the products.
- Large and close bottom sliding surface with strong edges allow:
 - Higher belt wear resistance thanks to the less specific pressure between belt and wear strips
 - Maximum resistance against broken debris present on the line
- The belts can be used on conveyors side by side with Magnetic or TAB sideflexing chains 793 series allowing a smooth products transfer between straight running and sideflexing conveyors.
- Availability of LBP version (LBP USPM and LBP XSPM series), equipped with superior rotation capability rollers, to safely handle packaged products in long center to center accumulation conveyors.
- Rubberized belts available (HF USPM series) displaying maximum and inform rubberized area allowing outstanding gripping capacity on the conveyed products.



12,7 mm (0.5") THICKNESS SOLID TOP

The extremely good flatness, manufacturing accuracy and low coefficient of friction make the side transfer of the products very easy.
Completely closed surface, no gap between the modules, even when engaging on the sprockets. Particularly suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base)



Materials
see page 12



Sprockets
see pages 241+243



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		USPMG UP K 83,8	USPMGUPKRA/000	83,8	3.30	12,7	0.50	2975	670	1,24	0.83
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2+	PBT	USPMG D2K K 83,8	USPMGD2KRA/000	83,8	3.30	12,7	0.50	2975	670	1,24	0.68
ABRASION RESISTANT POLYAMIDE ⁽¹⁾ AR		USPMG AR K 83,8	USPMGARKRA/000	83,8	3.30	12,7	0.50	2975	670	1,19	0.80

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 0,5% GREATER THAN NOMINAL WIDTH



Standard packaging:
Rolls of 3,048 m (10 feet)

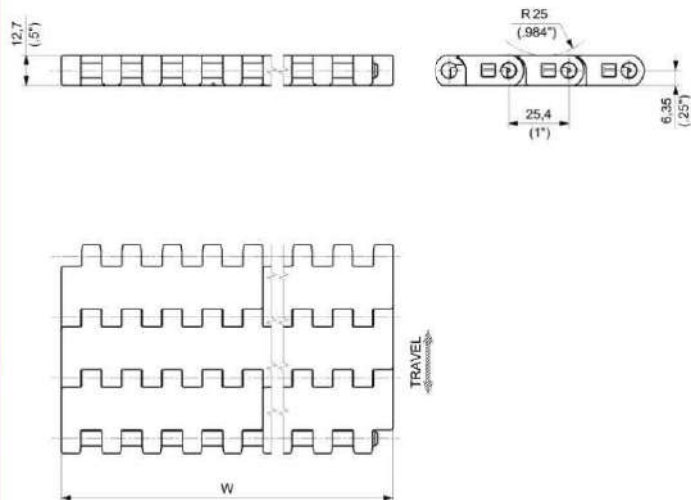
12,7 mm (0.5") THICKNESS SOLID TOP

Extremely good flatness, manufacturing accuracy and low coefficient of friction make the side transfer of the products very easy.
Completely closed surface, no gap between the modules, even when engaging on the sprockets. Particularly suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base)

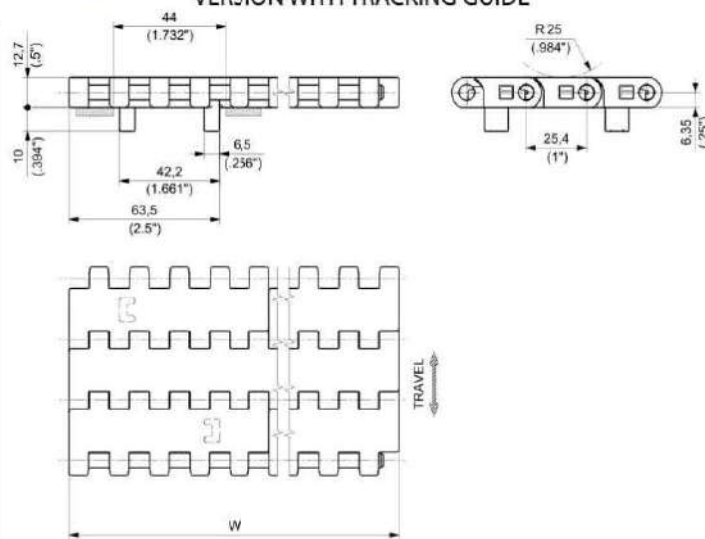
- **Belt widths:** 85 mm (3.34") or wider in 85 mm (3.34") increments
- **Working Load (at 25°C/77°F):** 35000 N/m (2400 lbs/ft) for **UP**, **DK2** and **AR** materials
- **Belt weight:** 14,11 kg/m² (2.89 lbs/ft²) for **UP** and **DK2** materials
13,59 kg/m² (2.78 lbs/ft²) for **AR** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



NOTE: The belt is also available with single tracking guide at both belt sides. Please contact REGINA customer service for further information.



Materials
see page 12



Sprockets
see pages 241÷243



Applications
see page 22

WIDTH W		MATERIALS						Pin
		Module						
		UP ULTRA PERFORMANCE HOMOPOLYMER DELRIN *		DK² SPECIAL DELRIN * REINFORCED WITH KEVLAR *		AR ABRASION RESISTANT POLYAMIDE ⁽¹⁾		
		PART NUMBER		PART NUMBER		PART NUMBER		
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	PBT
85	3.34	USPMUP0085	USPMGUP0085	USPMD2K0085	USPMGD2K0085	USPMAR0085	USPMGAR0085	
170	6.69	USPMUP0170	USPMG1UP0170	USPMD2K0170	USPMG1D2K0170	USPMAR0170	USPMG1AR0170	
255	10.04	USPMUP0255	USPMG1UP0255	USPMD2K0255	USPMG1D2K0255	USPMAR0255	USPMG1AR0255	
340	13.39	USPMUP0340	USPMG1UP0340	USPMD2K0340	USPMG1D2K0340	USPMAR0340	USPMG1AR0340	
425	16.73	USPMUP0425	USPMG1UP0425	USPMD2K0425	USPMG1D2K0425	USPMAR0425	USPMG1AR0425	
510	20.08	USPMUP0510	USPMG1UP0510	USPMD2K0510	USPMG1D2K0510	USPMAR0510	USPMG1AR0510	
595	23.43	USPMUP0595	USPMG1UP0595	USPMD2K0595	USPMG1D2K0595	USPMAR0595	USPMG1AR0595	
680	26.77	USPMUP0680	USPMG1UP0680	USPMD2K0680	USPMG1D2K0680	USPMAR0680	USPMG1AR0680	
765	30.12	USPMUP0765	USPMG1UP0765	USPMD2K0765	USPMG1D2K0765	USPMAR0765	USPMG1AR0765	
850	33.46	USPMUP0850	USPMG1UP0850	USPMD2K0850	USPMG1D2K0850	USPMAR0850	USPMG1AR0850	
935	36.81	USPMUP0935	USPMG1UP0935	USPMD2K0935	USPMG1D2K0935	USPMAR0935	USPMG1AR0935	
1020	40.16	USPMUP1020	USPMG1UP1020	USPMD2K1020	USPMG1D2K1020	USPMAR1020	USPMG1AR1020	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "USPMUP1105".



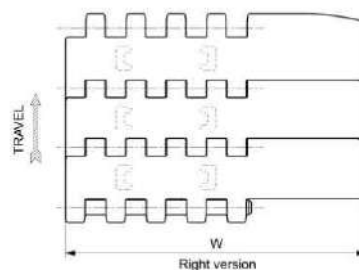
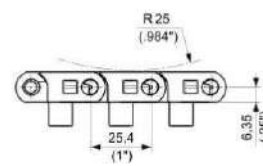
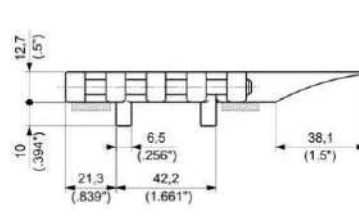
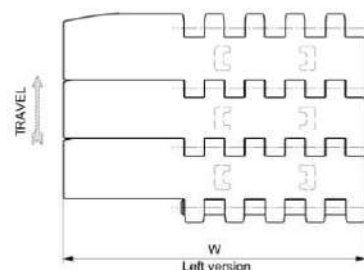
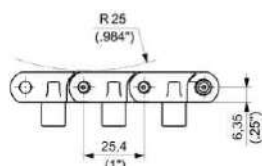
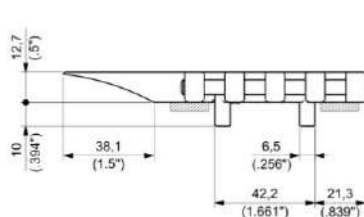
Standard packaging:
Belt widths ≤ 680 mm (26.77") are supplied in rolls of 3,048 m (10 ft) each.
Belt widths ≥ 765 mm (30.12") are supplied in the length requested by the customer.

ACTIVE TRANSFER MODULES

12,7 mm (0.5") THICKNESS

SOLID TOP

Extremely good flatness, manufacturing accuracy and low coefficient of friction make the side transfer of the products very easy. Completely closed surface, no gap between the modules, even when engaging on the sprockets. Particular suitable for glass products, small sized products and unstable containers (for example PET bottles with petaloid base)



USPMG ATM - Left Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP		USPMGATM UP 0085 SX	USPMGATMUP085S	127,5	5.02	12,7	0.5	2975	669	1,55	1.04
SPECIAL DELRIN * REINFORCED WITH KEVLAR * D2K	PBT	USPMGATM D2K 0085 SX	USPMGATMD2K085S	127,5	5.02	12,7	0.5	2975	669	1,55	1.04
ABRASION RESISTANT POLYAMIDE (1) AR		USPMGATM AR 0085 SX	USPMGATMAR085S	127,5	5.02	12,7	0.5	2975	669	1,50	1.01

USPMG ATM - Right Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP		USPMGATM UP 0085 DX	USPMGATMUP085D	127,5	5.02	12,7	0.5	2975	669	1,55	1.04
SPECIAL DELRIN * REINFORCED WITH KEVLAR * D2K	PBT	USPMGATM D2K 0085 DX	USPMGATMD2K085D	127,5	5.02	12,7	0.5	2975	669	1,55	1.04
ABRASION RESISTANT POLYAMIDE (1) AR		USPMGATM AR 0085 DX	USPMGATMAR085D	127,5	5.02	12,7	0.5	2975	669	1,50	1.01

(1) ACTUAL WIDTH CAN BE UP TO 0,5% GREATER THAN NOMINAL WIDTH

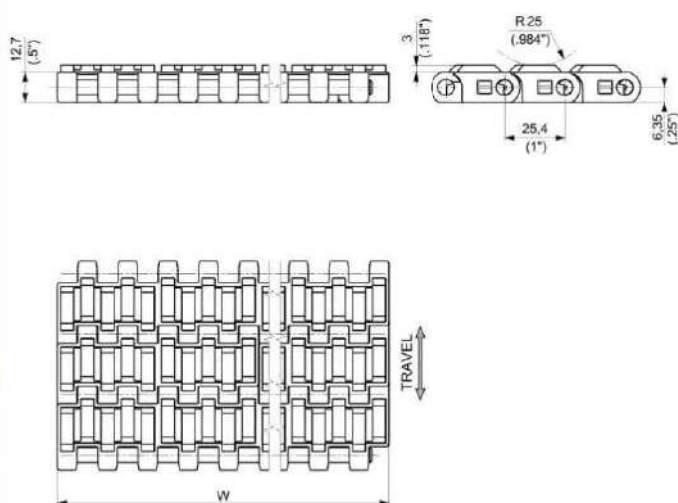
12,7 mm (0.5") THICKNESS RUBBERIZED SURFACE - FULL COVER

HF USPM belts are an ideal solution for heavy duty inclines, declines and package handling (acceleration, deceleration and rotation).

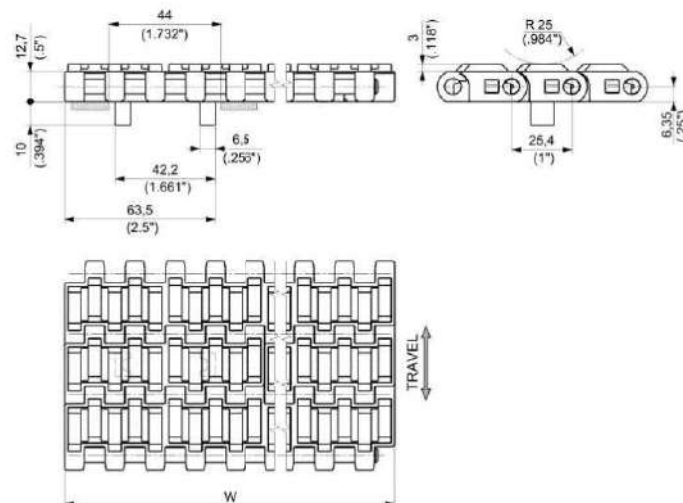
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments
- **Working Load (at 25°C/77°F):** 35000 N/m (2,400 lbs/ft) for **ULF** material
18100 N/m (1,240 lbs/ft) for **PP** material
- **Belt weight:** 14,84 kg/m² (3.04 lbs/ft²) for **ULF** material
10,38 kg/m² (2.13 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 241÷243



Applications
see page 22

WIDTH W		MATERIALS				Rubber	Pin
		Module					
		ULF ULTRA LOW FRICTION POLYESTER RESIN		PP SPECIAL POLIPROPYLENE ⁽¹⁾			
		PART NUMBER		PART NUMBER			
mm	inche	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE		
85	3.35	HFUMULF0085	HFUMGULF0085	HFUMPP0085	HFUMGPP0085	THERMOPLASTIC TPE Hardness: 55 ShA for ULF material 50 ShA for PP material	POM for ULF material PBT for PP material
170	6.69	HFUMULF0170	HFUMG1ULF0170	HFUMPP0170	HFUMG1PP0170		
255	10.04	HFUMULF0255	HFUMG1ULF0255	HFUMPP0255	HFUMG1PP0255		
340	13.39	HFUMULF0340	HFUMG1ULF0340	HFUMPP0340	HFUMG1PP0340		
425	16.73	HFUMULF0425	HFUMG1ULF0425	HFUMPP0425	HFUMG1PP0425		
510	20.08	HFUMULF0510	HFUMG1ULF0510	HFUMPP0510	HFUMG1PP0510		
595	23.43	HFUMULF0595	HFUMG1ULF0595	HFUMPP0595	HFUMG1PP0595		
680	26.77	HFUMULF0680	HFUMG1ULF0680	HFUMPP0680	HFUMG1PP0680		
765	30.12	HFUMULF0765	HFUMG1ULF0765	HFUMPP0765	HFUMG1PP0765		
850	33.46	HFUMULF0850	HFUMG1ULF0850	HFUMPP0850	HFUMG1PP0850		
935	36.81	HFUMULF0935	HFUMG1ULF0935	HFUMPP0935	HFUMG1PP0935		
1020	40.16	HFUMULF1020	HFUMG1ULF1020	HFUMPP1020	HFUMG1PP1020		

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.

To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.

Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for ULF material is "HFUMULF1105".



Standard packaging:

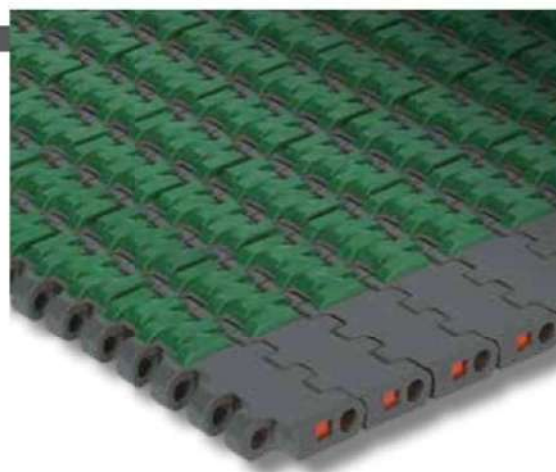
Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.

Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

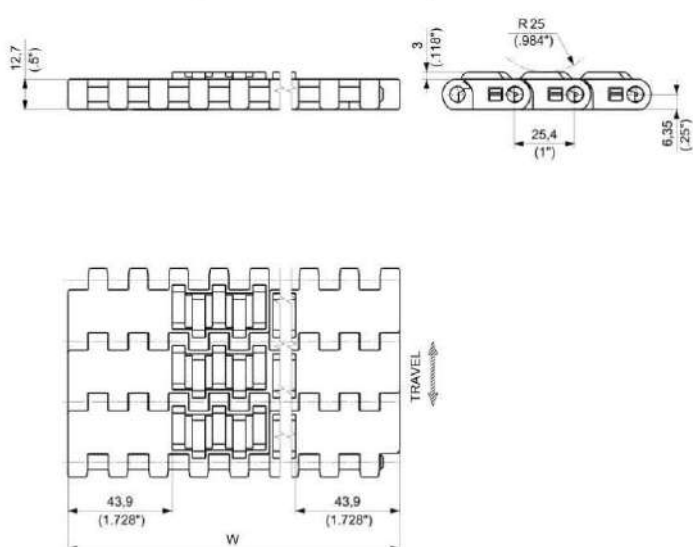
12,7 mm (0.5") THICKNESS RUBBERIZED SURFACE - SIDE INDENT

HFS USPM belts are an ideal solution for heavy duty inclines, declines and package handling (acceleration, deceleration and rotation).

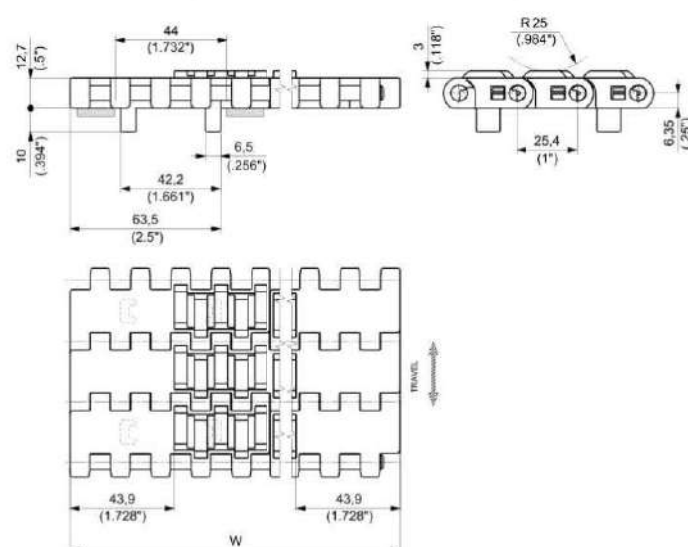
- Belt widths: 255 mm (10.04") or wider in 85 mm (3.35") increments
- Working Load (at 25°C/77°F): 35000 N/m (2,400 lbs/ft) for **ULF** material
18100 N/m (1,240 lbs/ft) for **PP** material
- Belt weight: 14,71 kg/m² (3.01 lbs/ft²) for **ULF** material
10,38 kg/m² (2.13 lbs/ft²) for **PP** material



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 241÷243



Applications
see page 22

WIDTH W		MATERIALS						Rubber	Pin
		Module							
		ULF	ULTRA LOW FRICTION POLYESTER RESIN		PP	SPECIAL POLIPROPYLENE ⁽¹⁾			
		PART NUMBER		PART NUMBER					
mm	inches	WITHOUT TRACKING GUIDE		WITH TRACKING GUIDE		WITHOUT TRACKING GUIDE		WITH TRACKING GUIDE	
255	10.04	HFSUMULF0255	HFSUMG1ULF0255	HFSUMPP0255	HFSUMG1PP0255		THERMOPLASTIC TPE Hardness: 55 ShA for ULF material 50 ShA for PP material	POM for ULF material PBT for PP material	
340	13.39	HFSUMULF0340	HFSUMG1ULF0340	HFSUMPP0340	HFSUMG1PP0340				
425	16.73	HFSUMULF0425	HFSUMG1ULF0425	HFSUMPP0425	HFSUMG1PP0425				
510	20.08	HFSUMULF0510	HFSUMG1ULF0510	HFSUMPP0510	HFSUMG1PP0510				
595	23.43	HFSUMULF0595	HFSUMG1ULF0595	HFSUMPP0595	HFSUMG1PP0595				
680	26.77	HFSUMULF0680	HFSUMG1ULF0680	HFSUMPP0680	HFSUMG1PP0680				
765	30.12	HFSUMULF0765	HFSUMG1ULF0765	HFSUMPP0765	HFSUMG1PP0765				
850	33.46	HFSUMULF0850	HFSUMG1ULF0850	HFSUMPP0850	HFSUMG1PP0850				
935	36.81	HFSUMULF0935	HFSUMG1ULF0935	HFSUMPP0935	HFSUMG1PP0935				
1020	40.16	HFSUMULF1020	HFSUMG1ULF1020	HFSUMPP1020	HFSUMG1PP1020				

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.

To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.

Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for ULF material is "HFSUMULF1105".



Standard packaging:
Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 510 mm (20.08") are supplied in the length requested by the customer.

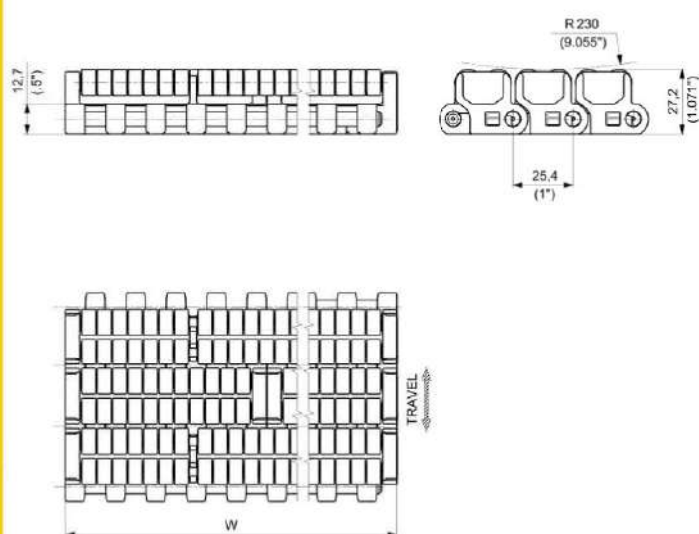
12,7 mm (0.5") THICKNESS LBP ROLLERS

Suitable for applications where a conveyor with a large accumulating section is needed.

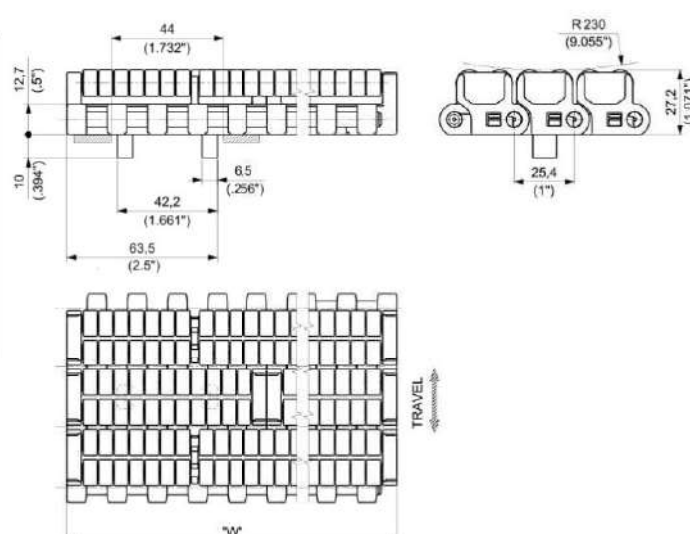
- Belt widths: 85 mm (3.346") or wider in 85 mm (3.346") increments
- Working Load (at 25°C/77°F): 35000 N/m (2400 lbs/ft)
- Belt weight: 31,11 kg/m² (6.37 lbs/ft²)



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 241+243



Applications
see page 22

WIDTH W		MATERIALS		Pin
		Module and roller		
		UP	ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	
		PART NUMBER		
		mm	inch	
85	3.35	LBPUSPMUP0085	LBPUSPMGUP0085	PBT
170	6.69	LBPUSPMUP0170	LBPUSPMG1UP0170	
255	10.04	LBPUSPMUP0255	LBPUSPMG1UP0255	
340	13.39	LBPUSPMUP0340	LBPUSPMG1UP0340	
425	16.73	LBPUSPMUP0425	LBPUSPMG1UP0425	
510	20.08	LBPUSPMUP0510	LBPUSPMG1UP0510	
595	23.43	LBPUSPMUP0595	LBPUSPMG1UP0595	
680	26.77	LBPUSPMUP0680	LBPUSPMG1UP0680	
765	30.12	LBPUSPMUP0765	LBPUSPMG1UP0765	
850	33.46	LBPUSPMUP0850	LBPUSPMG1UP0850	
935	36.81	LBPUSPMUP0935	LBPUSPMG1UP0935	
1020	40.16	LBPUSPMUP1020	LBPUSPMG1UP1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.

To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.

Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN for UP material is "LBPUSPMUP1105".



Standard packaging:

Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.
Belt widths ≥ 510 mm (20.09") and ≤ 935 (36.81") are supplied in rolls of 1,016 m (3.33 ft) each.

Belt widths ≥ 1020 mm (40.16") are supplied in the length requested by the customer.

11 mm (0.433") THICKNESS

LBP ROLLERS

SAFETY DESIGN

NEW

Designed for product accumulation applications where a combination of high performance, improved safety and energy saving are required. LBP rollers allow for pressure reduction among accumulated products and for belt pull reduction.

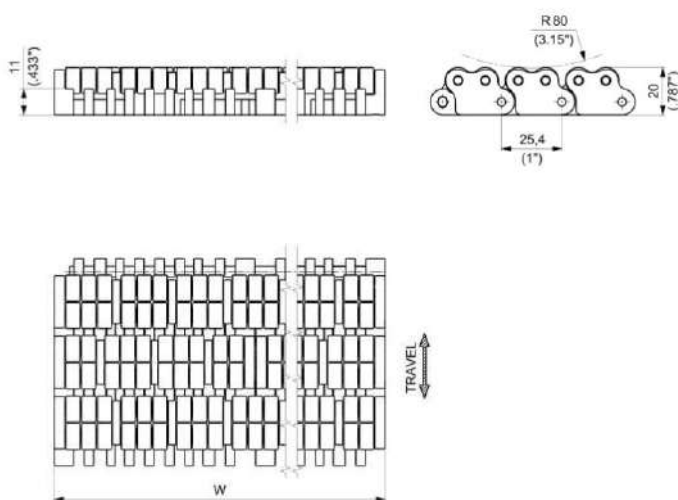
- **Belt widths:** 85 mm (3.346") or wider in 85 mm (3.346") increments

- **Working Load (at 25°C/77°F):** 34000 N/m (2,330 lbs/ft)

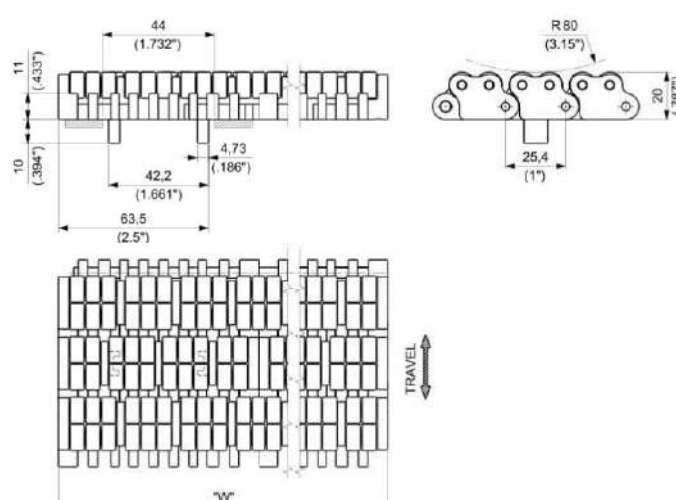
- **Belt weight:** 19,40 kg/m² (3.97 lbs/ft²)



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 241-243



Applications
see page 22

WIDTH W		MATERIALS		Pin
		Module and roller		
		UP	ULTRA PERFORMANCE HOMOPOLYMER DELRIN *	
		PART NUMBER		
		mm	inch	
85	3.35	LBPXSPMUP0085	LBPXSPMGUP0085	PBT
170	6.69	LBPXSPMUP0170	LBPXSPMG1UP0170	
255	10.04	LBPXSPMUP0255	LBPXSPMG1UP0255	
340	13.39	LBPXSPMUP0340	LBPXSPMG1UP0340	
425	16.73	LBPXSPMUP0425	LBPXSPMG1UP0425	
510	20.08	LBPXSPMUP0510	LBPXSPMG1UP0510	
595	23.43	LBPXSPMUP0595	LBPXSPMG1UP0595	
680	26.77	LBPXSPMUP0680	LBPXSPMG1UP0680	
765	30.12	LBPXSPMUP0765	LBPXSPMG1UP0765	
850	33.46	LBPXSPMUP0850	LBPXSPMG1UP0850	
935	36.81	LBPXSPMUP0935	LBPXSPMG1UP0935	
1020	40.16	LBPXSPMUP1020	LBPXSPMG1UP1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.

To Identify the Part Numbers, please substitute the last four digits of the PN with the desired width.

Example: for a 1105 mm wide belt (=1020+85 mm) without guide, the PN is "LBPXSPMUP1105".



Standard packaging:

Belt widths ≤ 425 mm (16.73") are supplied in rolls of 1,524 m (5 ft) each.

Belt widths ≥ 510 mm (20.09") and ≤ 935 (36.81") are supplied in rolls of 1,015 m (3.33 ft) each.

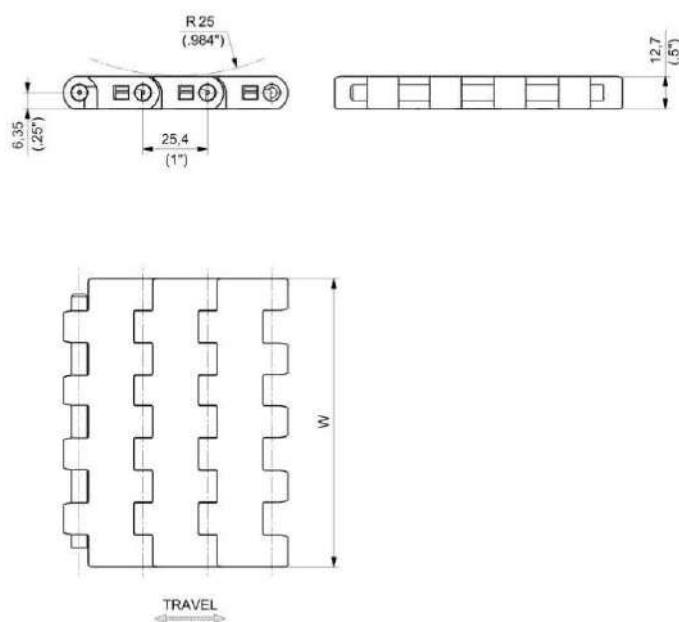
Belt widths ≥ 1020 mm (40.16") are supplied in the length requested by the customer.

12,7 mm (0.5") THICKNESS SOLID TOP

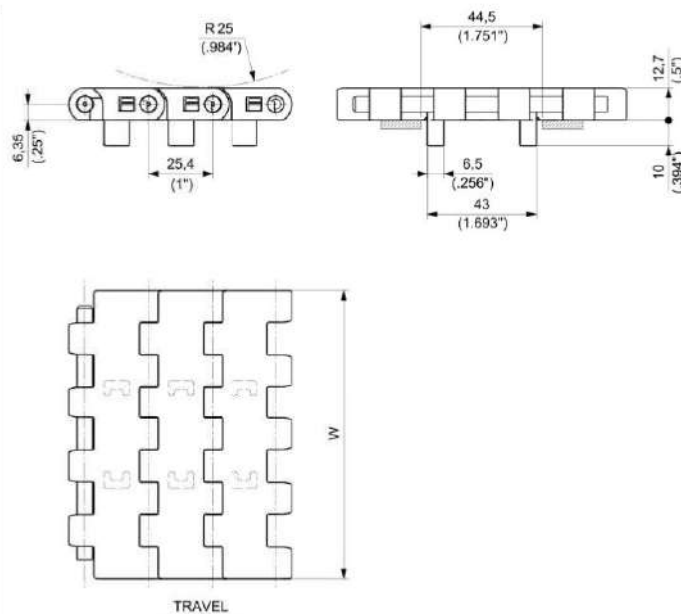
Completely closed surface, no gap between modules, even when engaging on the sprockets. Particular suitable for glass products.



VERSION WITHOUT TRACKING GUIDE



VERSION WITH TRACKING GUIDE



Materials
see page 12



Sprockets
see pages 241+243



Applications
see page 22

MATERIALS		VERSION	ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP			USP UP 325	USPUPKD/000	82,6	3.25	12,7	0.50	2500	562	1,27	0.86
			USP UP 450	USPUPKG/000	114,3	4.50	12,7	0.50	3430	771	1,73	1.16
			USP UP 750	USPUPKL/000	190,5	7.50	12,7	0.50	5710	1284	2,83	1.90
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	PBT	WITHOUT TRACKING GUIDE	USP D2K 325	USPD2KKD/000	82,6	3.25	12,7	0.50	2500	562	1,27	0.86
			USP D2K 450	USPD2KKG/000	114,3	4.50	12,7	0.50	3430	771	1,73	1.16
			USP D2K 750	USPD2KKL/000	190,5	7.50	12,7	0.50	5710	1284	2,83	1.90
ABRASION RESISTANT POLYAMIDE ⁽¹⁾ AR			USP AR 325	USPARKD/000	82,6	3.25	12,7	0.50	2500	562	1,23	0.82
			USP AR 450	USPARKG/000	114,3	4.50	12,7	0.50	3430	771	1,67	1.12
			USP AR 750	USPARKL/000	190,5	7.50	12,7	0.50	5710	1284	2,73	1.83
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP			USPG UP 325	USPGUPKD/000	82,6	3.25	12,7	0.50	2500	562	1,27	0.86
			USPG UP 450	USPGUPKG/000	114,3	4.50	12,7	0.50	3430	771	1,73	1.16
			USPG UP 750	USPGUPKL/000	190,5	7.50	12,7	0.50	5710	1284	2,83	1.90
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	PBT	WITH TRACKING GUIDE	USPG D2K 325	USPGD2KKD/000	82,6	3.25	12,7	0.50	2500	562	1,27	0.86
			USPG D2K 450	USPGD2KKG/000	114,3	4.50	12,7	0.50	3430	771	1,73	1.16
			USPG D2K 750	USPGD2KKL/000	190,5	7.50	12,7	0.50	5710	1284	2,83	1.90
ABRASION RESISTANT POLYAMIDE ⁽¹⁾ AR			USPG AR 325	USPGARKD/000	82,6	3.25	12,7	0.50	2500	562	1,23	0.82
			USPG AR 450	USPGARKG/000	114,3	4.50	12,7	0.50	3430	771	1,67	1.12
			USPG AR 750	USPGARKL/000	190,5	7.50	12,7	0.50	5710	1284	2,73	1.83

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 0,5% GREATER THAN NOMINAL WIDTH

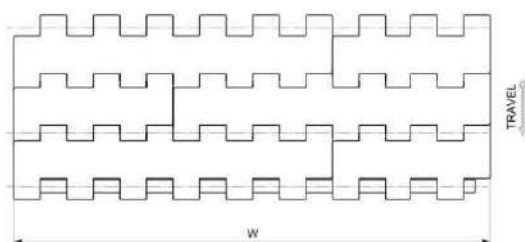
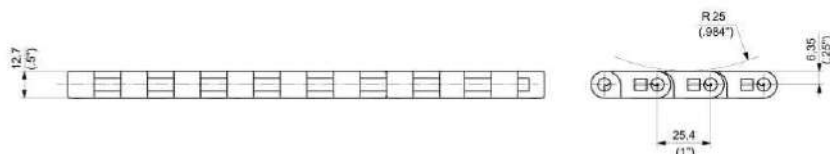


Standard packaging:
Rolls of 3,048 m (10 feet)

12,7 mm (0.5") THICKNESS SOLID TOP

Completely closed surface, no gap between the modules, even when engaging on the sprockets. Particularly suitable for glass products.

- Belt widths: 154,2 mm (6") or wider in 76,2 mm (3") increments
- Working Load (at 25°C/77°F): 30000 N/m (2400 lbs/ft) for **UP**, **DK²** and **AR** materials
- Belt weight: 13,93 kg/m² (2.85 lbs/ft²) for **UP** and **DK²** materials
13,40 kg/m² (2.74 lbs/ft²) for **AR** material



Materials
see page 12



Sprockets
see pages 241+243



Applications
see page 22

WIDTH W		MATERIALS			Pin
		Module			
		 ULTRA PERFORMANCE HOMOPOLYMER DELRIN®	 SPECIAL DELRIN® REINFORCED WITH KEVLAR®	 ABRASION RESISTANT POLYAMIDE ⁽¹⁾	
		PART NUMBER	PART NUMBER	PART NUMBER	
mm	inch				
152,20	6.0	USPUP006	USPD2K006	USPAR006	PBT
228,60	9.0	USPUP009	USPD2K009	USPAR009	
304,80	12.0	USPUP012	USPD2K012	USPAR012	
381,00	15.0	USPUP015	USPD2K015	USPAR015	
457,20	18.0	USPUP018	USPD2K018	USPAR018	
533,40	21.0	USPUP021	USPD2K021	USPAR021	
609,60	24.0	USPUP024	USPD2K024	USPAR024	
685,80	27.0	USPUP027	USPD2K027	USPAR027	
762,00	30.0	USPUP030	USPD2K030	USPAR030	
838,20	33.0	USPUP033	USPD2K033	USPAR033	
914,40	36.0	USPUP036	USPD2K036	USPAR036	
996,60	39.0	USPUP039	USPD2K039	USPAR039	
1066,80	42.0	USPUP042	USPD2K042	USPAR042	
1143,00	45.0	USPUP045	USPD2K045	USPAR045	
1219,20	48.0	USPUP048	USPD2K048	USPAR048	
1295,40	51.0	USPUP051	USPD2K051	USPAR051	
1371,60	54.0	USPUP054	USPD2K054	USPAR054	
1447,80	57.0	USPUP057	USPD2K057	USPAR057	
1524,00	60.0	USPUP060	USPD2K060	USPAR060	

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 1% GREATER THAN NOMINAL WIDTH

Belts wider than 1524 mm (60") are available in 76,2 (3") increments.

To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.

Example: for a 63" wide belt (=60+3 inches), the PN for UP material is "USPUP063".

Available on request increments of 25,4 mm (1").

Example: 48+1=49 inches width, the PN for UP material is "USPUP049".



Standard packaging:

Belts are supplied in the length requested by the customer.

ACTIVE TRANSFER MODULES

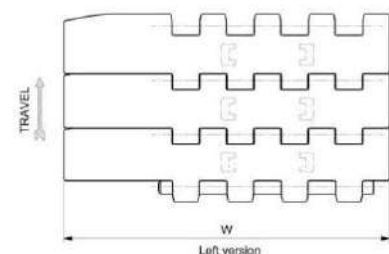
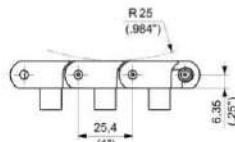
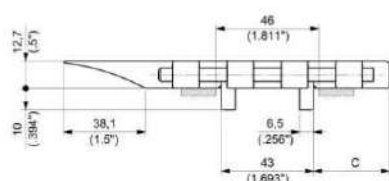
12,7 mm (0.5") THICKNESS

SOLID TOP

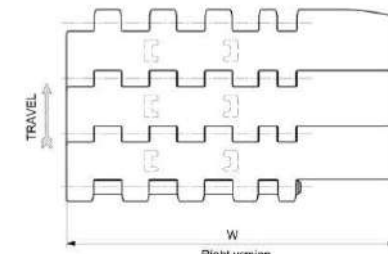
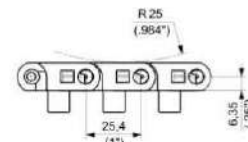
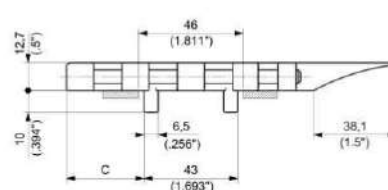


To be used in combination with USP belt series.

Active transfer modules USP[®] ATM series allow the transfer of the products between two 90° conveyor tracks without using dead plates. The special module profile, wing shaped, supports the products dynamically during transfer on the take-away belt. Available left and right version.



K 4½": C = 35,5 mm (1.398")
K 7½": C = 73,6 mm (2.898")



K 4½": C = 35,5 mm (1.398")
K 7½": C = 73,6 mm (2.898")



Materials
see page 12



Sprockets
see pages 241-243



Applications
see page 22

USP[®] ATM - Left Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	PBT	USPGATM UP 450 SX	USPGATMUP450S	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM UP 750 SX	USPGATMUP750S	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2		USPGATM D2K 450 SX	USPGATMD2K450S	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM D2K 750 SX	USPGATMD2K750S	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05
ABRASION RESISTANT POLYAMIDE ⁽¹⁾ AR		USPGATM AR 450 SX	USPGATMAR450S	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM AR 750 SX	USPGATMAR750S	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05

USP[®] ATM - Right Version

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN * UP	PBT	USPGATM UP 450 DX	USPGATMUP450D	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM UP 750 DX	USPGATMUP750D	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2		USPGATM D2K 450 DX	USPGATMD2K450D	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM D2K 750 DX	USPGATMD2K750D	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05
ABRASION RESISTANT POLYAMIDE ⁽¹⁾ AR		USPGATM AR 450 DX	USPGATMAR450D	152,4	6.0	12,7	0.5	3480	782	1,97	1.32
		USPGATM AR 750 DX	USPGATMAR750D	228,6	9.0	12,7	0.5	5715	1.285	3,06	2.05

⁽¹⁾ ACTUAL WIDTH CAN BE UP TO 0,5% GREATER THAN NOMINAL WIDTH



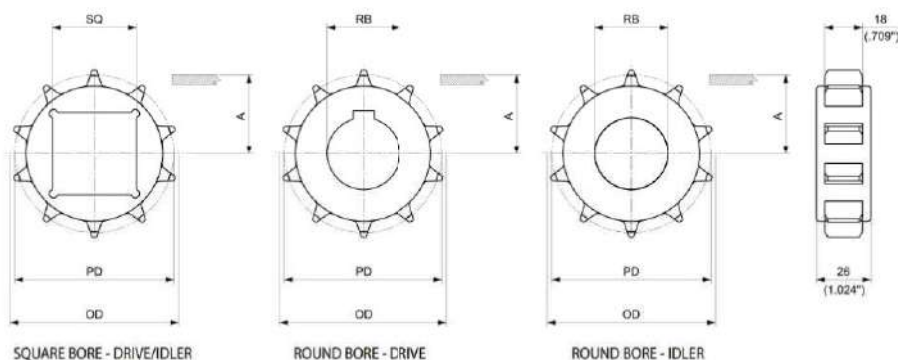
Standard packaging:
Rolls of 3,048 m (10 feet)

SUITABLE FOR CHAINS:

- USPM
- USP
- LBP USPM
- LBP XSPM
- HF USPM / HFS USPM

MATERIALS

SPROCKETS: **PA** POLYAMIDE



MACHINED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**		Kg	lbs
8	66,37	2.613	63,80	2.512	26,80	1.055	20		MPBATUSP0820	0,05	0.11
							25		MPBATUSP0825	0,05	0.10
							30		MPBATUSP0830	0,04	0.09
							1		MPBATUSP08254	0,05	0.10
							1 3/8		MPBATUSP08301	0,04	0.09
							1 1/4		MPBATUSP08317	0,04	0.08
10	82,19	3.236	80,40	3.165	34,70	1.366	30		MPBAQUSP1030	0,09	0.19
							35		MPBATUSP1035	0,08	0.17
							40		MPBAQUSP1040	0,07	0.15
							1		MPBATUSP10254	0,09	0.20
							1 3/8		MPBATUSP10301	0,09	0.19
							1 1/4		MPBATUSP10317	0,08	0.18

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

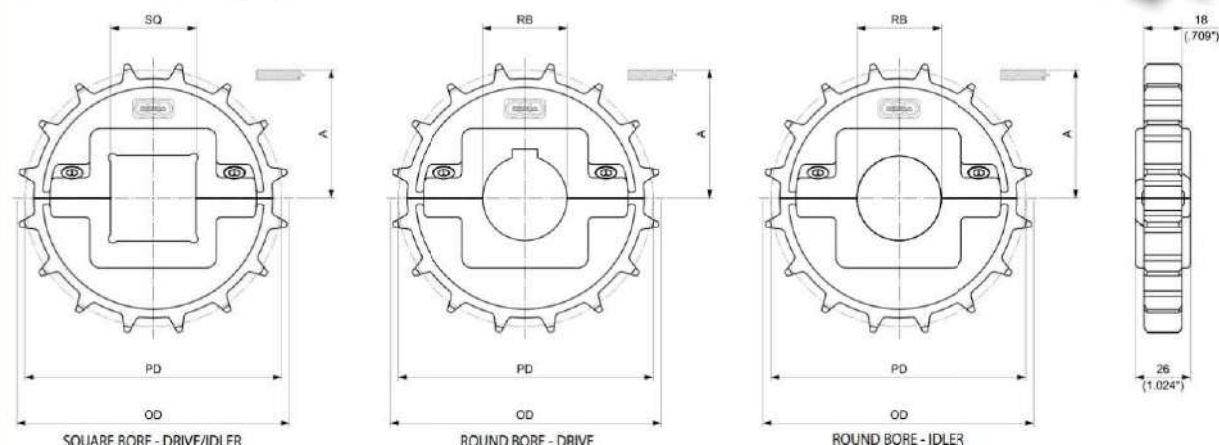
SUITABLE FOR CHAINS:

- USPM
- USP
- LBP USPM
- LBP XSPM
- HF USPM / HFS USPM

MATERIALS		
SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+ZN	ZINC PLATED STEEL



12T, 13T, 14T, 15T & 16T SPROCKETS (for 18T & 21T see next page)



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**		Kg	lbs
NEW 12	98,14	3.864	97,00	3.819	42,70	1.681	30		MPBSTUSP1230	0,12	0.27
							35		MPBSTUSP1235	0,12	0.26
							40		MPBSTUSP1240	0,11	0.25
							1		MPBSTUSP12254	0,13	0.28
							1 1/4		MPBSTUSP12317	0,12	0.27
							1 1/2		MPBSQUSP12381	0,11	0.24
NEW 13	106,14	4.179	105,50	4.154	46,70	1.839	30		MPBSTUSP1330	0,12	0.26
							35		MPBSTUSP1335	0,11	0.25
							40		MPBSTUSP1340	0,11	0.24
							1		MPBSTUSP13254	0,12	0.27
							1 1/4		MPBSTUSP13317	0,12	0.26
							1 1/2		MPBSQUSP13381	0,11	0.24
NEW 14	114,15	4.494	113,15	4.455	50,70	1.996	30		MPBSTUSP1430	0,15	0.33
							35		MPBSTUSP1435	0,14	0.32
							40		MPBSTUSP1440	0,14	0.30
							1		MPBSTUSP14254	0,15	0.34
							1 1/4		MPBSTUSP14317	0,15	0.32
							1 1/2		MPBSQUSP14381	0,14	0.31
NEW 15	122,17	4.810	121,50	4.783	54,70	2.154	30		MPBSTUSP1530	0,19	0.42
							35		MPBSTUSP1535	0,18	0.40
							40		MPBSTUSP1540	0,18	0.39
							1		MPBSTUSP15254	0,19	0.42
							1 3/16		MPBSTUSP15301	0,19	0.41
							1 1/4		MPBSTUSP15317	0,19	0.41
							1 5/8		MPBSTUSP15365	0,18	0.40
							1 1/2		MPBSQUSP15381	0,18	0.40
NEW 16	130,19	5.126	129,20	5.087	58,80	2.315	30		MPBSTUSP1630	0,20	0.44
							35		MPBSTUSP1635	0,20	0.43
							40		MPBSTUSP1640	0,19	0.42
							45		MPBSTUSP1645	0,18	0.40
							50		MPBSTUSP1650	0,17	0.38
							1		MPBSTUSP16254	0,20	0.45
							1 3/16		MPBSTUSP16301	0,20	0.44
							1 1/4		MPBSTUSP16317	0,20	0.44
							1 5/8		MPBSTUSP16365	0,19	0.43
							1 1/2		MPBSQUSP16381	0,19	0.42

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

- USPM
- USP
- LBP USPM
- LBP XSPM
- HF USPM / HFS USPM

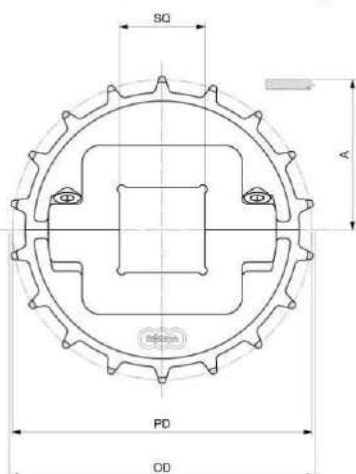
MATERIALS

SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+ZN	ZINC PLATED STEEL

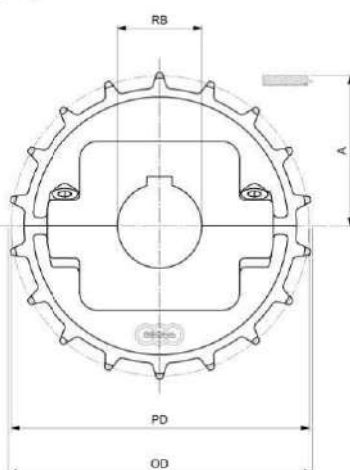


18T & 21T SPROCKETS

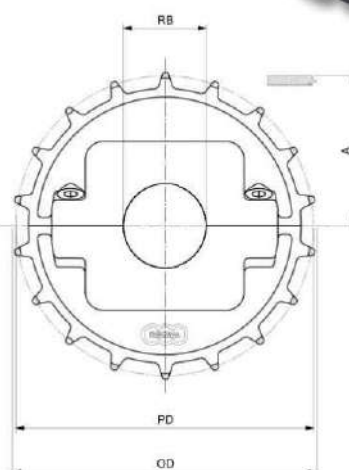
(for 12T, 13T, 14T, 15T & 16T see previous page)



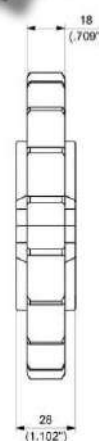
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MOULDED SOLID IDLER WHEELS
SEE PAGE 123



MOULDED SPLIT IDLER WHEELS
SEE PAGE 166



MACHINED SPLIT IDLER WHEELS
SEE PAGE 125

MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER	WEIGHT
	mm	inch	mm	inch	mm	inch	mm	inch**		
18	146,27	5.759	145,00	5.709	66,79	2.629	30		MPBSTUSP1830	0,33 0.73
							35		MPBSTUSP1835	0,32 0.71
							40	MPBSQUSP1840	MPBSTUSP1840	0,32 0.70
							45		MPBSTUSP1845	0,31 0.68
							50	MPBSQUSP1850	MPBSTUSP1850	0,30 0.66
							60	MPBSQUSP1860	MPBSTUSP1860	0,28 0.61
							65	MPBSQUSP1865	MPBSTUSP1865	0,24 0.52
							1		MPBSTUSP18254	0,34 0.74
							1 3/16		MPBSTUSP18301	0,33 0.73
							1 1/4		MPBSTUSP18317	0,33 0.72
							1 7/16		MPBSTUSP18365	0,32 0.71
							1 1/2	MPBSQUSP18381	MPBSTUSP18381	0,32 0.70
							2		MPBSTUSP18508	0,30 0.65
							30		MPBSTUSP2130	0,40 0.88
21	170,42	6.709	170,00	6.693	78,84	3.104	35		MPBSTUSP2135	0,39 0.86
							40	MPBSQUSP2140	MPBSTUSP2140	0,38 0.85
							45		MPBSTUSP2145	0,38 0.83
							50	MPBSQUSP2150	MPBSTUSP2150	0,37 0.81
							60	MPBSQUSP2160	MPBSTUSP2160	0,34 0.76
							65	MPBSQUSP2165	MPBSTUSP2165	0,31 0.67
							1		MPBSTUSP21254	0,40 0.89
							1 3/16		MPBSTUSP21301	0,40 0.88
							1 1/4		MPBSTUSP21317	0,40 0.88
							1 7/16		MPBSTUSP21365	0,39 0.86
							1 1/2	MPBSQUSP21381	MPBSTUSP21381	0,39 0.85
							2		MPBSTUSP21508	0,36 0.80

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.



Matveyor[®]

1" Pitch Sideflexing Chains



1" PITCH LIGHT DUTY SIDEFLEXING CHAINS - 783T, 783M AND 782M SERIES

INDUSTRIES AND APPLICATIONS

Suitable for handling loose products, such as plastic & glass bottles and aluminium & steel cans in the following industries and applications.

INDUSTRIES

Bottling and canning
Container manufacturing
Consumer goods

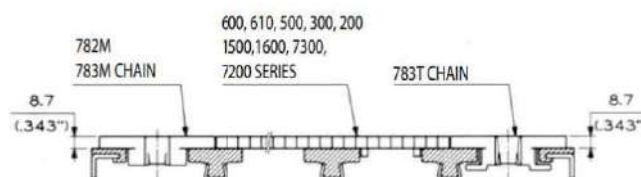
APPLICATIONS

Single lane & mass conveying
Pressureless Inliners and combiners



FEATURES

- 783 and 782 series can be used on conveyors side by side with 600, 610, 500, 300, 200, 1500, 1600, 7200, 7300 series due to the same thickness of 8,7mm for easy installation and standardization of wearstrips.
- Tab chains 783T series use the same curves as Flitetop plastic chains 880T, 879T series and Flitetop steel chains 881T and 981T series.



1" PITCH HEAVY DUTY SIDEFLEXING CHAINS - 793T, 793M AND 793L SERIES

INDUSTRIES AND APPLICATIONS

Suitable for handling loose products, such as plastic & glass bottles and aluminium & steel cans in the following industries and applications.

INDUSTRIES

Bottling and canning
Container manufacturing
(in particular glass manufacturing)
Consumer goods

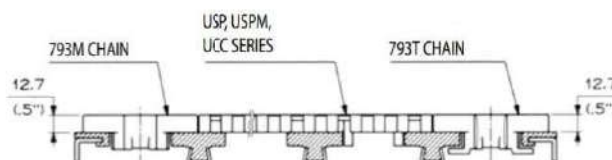
APPLICATIONS

Single lane & mass conveying
Pressureless Inliners and combiners

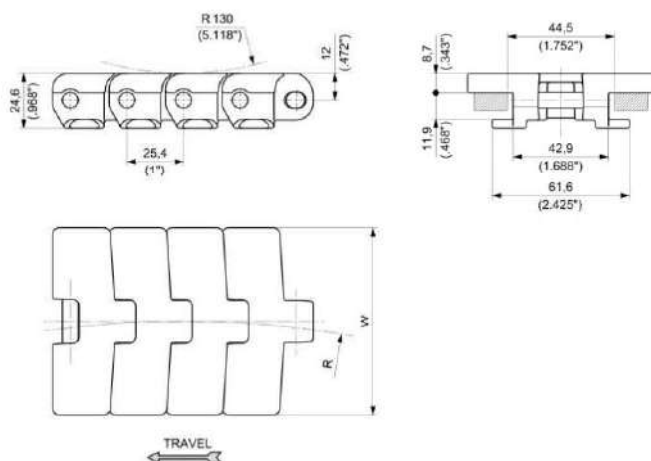


FEATURES

- 793 series can be used on conveyors side by side with USP, USPM, UCC series due to the same thickness of 12,7 mm for easy installation and standardization of wearstrips.
- Tab chains 793T series use the same curves as Flitetop plastic chains 880T, 879T series and steel chains 881T and 981T series.



TAB
8,7 mm (0.343") THICKNESS
SOLID TOP
LIGHT DUTY



Materials
see page 12



Sprockets
see page 251



Corner tracks
see page 320



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	Inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		UP 783T K 3 ¼	UP783TKD/000	82,6	3.25	8,7	0.343	457,2	18	1700	382	1,76	1.19
		UP 783T K 83,8	UP783TKRA/000	83,8	3.30	8,7	0.343	457,2	18	1700	382	1,78	1.19
		UP 783T K 4 ½	UP783TKG/000	114,3	4.50	8,7	0.343	609,6	24	1700	382	2,04	1.37
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2 AUSTENITIC STAINLESS STEEL		D2K 783T K 3 ¼	D2K783TKD/000	82,6	3.25	8,7	0.343	457,2	18	1700	382	1,76	1.19
		D2K 783T K 83,8	D2K783TKRA/000	83,8	3.30	8,7	0.343	457,2	18	1700	382	1,78	1.19
		D2K 783T K 4 ½	D2K783TKG/000	114,3	4.50	8,7	0.343	609,6	24	1700	382	2,04	1.37
NEW ECOLOGICAL FRICTION ABATING THERMOPLASTIC E-F.A.S.T.		EF 783T K 3 ¼	EF783TKD/000	82,6	3.25	8,7	0.343	457,2	18	1700	382	1,76	1.19
		EF 783T K 83,8	EF783TKRA/000	83,8	3.30	8,7	0.343	457,2	18	1700	382	1,78	1.19
		EF 783T K 4 ½	EF783TKG/000	114,3	4.50	8,7	0.343	609,6	24	1700	382	2,04	1.37



Standard packaging:
Rolls of 3,048 m (10 feet)

MAGNETIC

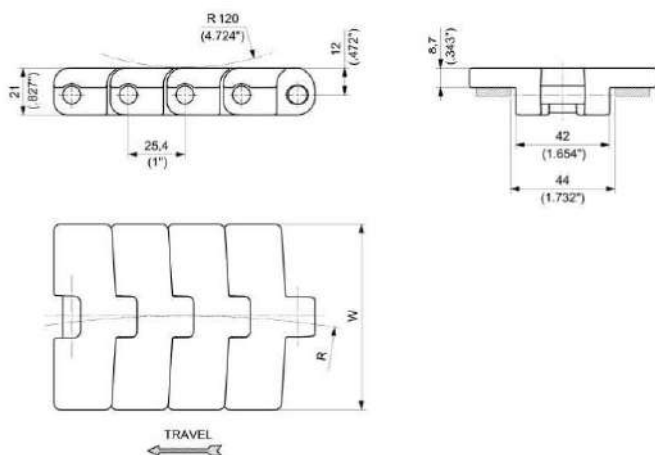
8,7 mm (0.343") THICKNESS

SOLID TOP (783M) AND FLUSH GRID (782M)

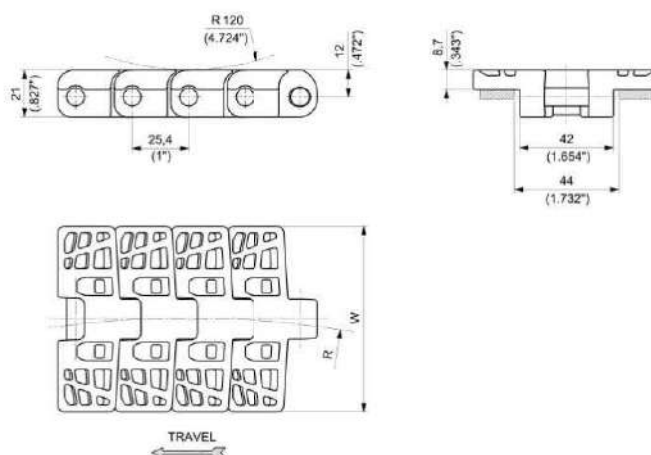
LIGHT DUTY



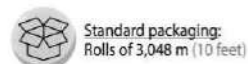
783M - SOLID TOP SURFACE



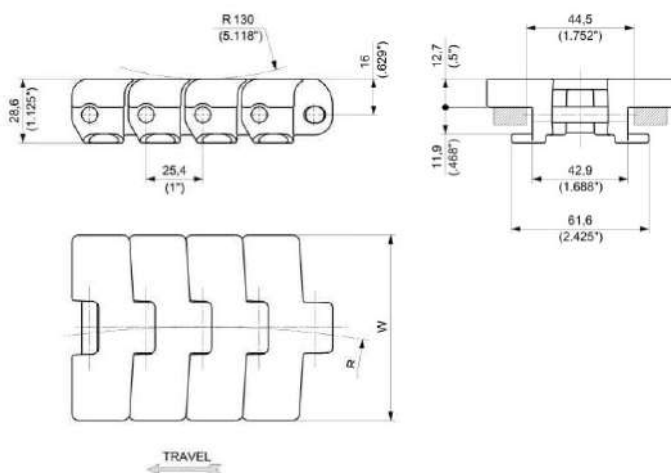
782M - FLUSH GRID SURFACE



MATERIALS		SURFACE	ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin				mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP			UP 783M K 83,8	UP783MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,82	1.22
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2		SOLID TOP	D2K 783M K 83,8	D2K783MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,82	1.22
ECOLOGICAL FRICTION ABATING THERMOPLASTIC e-FAST			EF 783M K 83,8	EF783MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,82	1.22
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		MAGNETIC STAINLESS STEEL	UP 782M K 83,8	UP782MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,71	1.15
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2		FLUSH GRID	D2K 782M K 83,8	D2K782MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,71	1.15
ECOLOGICAL FRICTION ABATING THERMOPLASTIC e-FAST			EF 782M K 83,8	EF782MKRA/000	83,8	3.30	8,7	0.343	500	19.69	1700	382	1,71	1.15



TAB
12,7 mm (0.5") THICKNESS
SOLID TOP
HEAVY DUTY



Materials
see page 12



Sprockets
see page 251



Corner tracks
see page 320



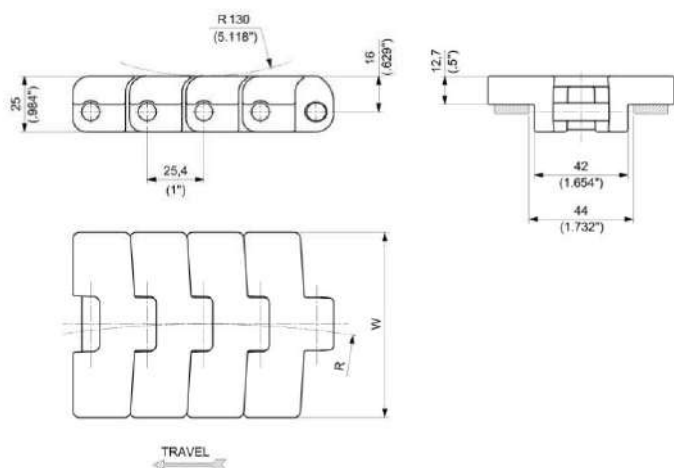
Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		UP 793T K 3 1/4	UP793TKD/000	82,6	3.25	12,7	0.50	457,2	18	2200	495	2,09	1.41
		UP 793T K 83,8	UP793TKRA/000	83,8	3.30	12,7	0.50	457,2	18	2200	495	2,11	1.42
		UP 793T K 4 1/2	UP793TKG/000	114,3	4.50	12,7	0.50	609,6	24	2200	495	2,48	1.67
SPECIAL DELRIN® REINFORCED WITH KEVLAR® D2K	AUSTENITIC STAINLESS STEEL	D2K 793T K 3 1/4	D2K793TKD/000	82,6	3.25	12,7	0.50	457,2	18	2200	495	2,09	1.41
		D2K 793T K 83,8	D2K793TKRA/000	83,8	3.30	12,7	0.50	457,2	18	2200	495	2,11	1.42
		D2K 793T K 4 1/2	D2K793TKG/000	114,3	4.50	12,7	0.50	609,6	24	2200	495	2,48	1.67
ABRASION RESISTANT POLYAMIDE AR		AR 793T K 3 1/4	AR793TKD/000	82,6	3.25	12,7	0.50	457,2	18	2200	495	2,02	1.36
		AR 793T K 83,8	AR793TKRA/000	83,8	3.30	12,7	0.50	457,2	18	2200	495	2,04	1.37
		AR 793T K 4 1/2	AR793TKG/000	114,3	4.50	12,7	0.50	609,6	24	2200	495	2,40	1.61



Standard packaging:
Rolls of 3,048 m (10 feet)

MAGNETIC
12,7 mm (0.5") THICKNESS
SOLID TOP
HEAVY DUTY



Materials
see page 12



Sprockets
see page 251



Corner tracks
see page 280



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		UP 793M K 83,8	UP793MKRA/000	83,8	3.30	12,7	0.50	500	19.685	2200	495	2,10	1.41
		UP 793M K 4 ½	UP793MKG/000	114,3	4.50	12,7	0.50	500	19.685	2200	495	2,46	1.65
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2	MAGNETIC STAINLESS STEEL	D2K 793M K 83,8	D2K793MKRA/000	83,8	3.30	12,7	0.50	500	19.685	2200	495	2,10	1.41
		D2K 793M K 4 ½	D2K793MKG/000	114,3	4.50	12,7	0.50	500	19.685	2200	495	2,46	1.65
ABRASION RESISTANT POLYAMIDE AR		AR 793M K 83,8	AR793MKRA/000	83,8	3.30	12,7	0.50	500	19.685	2200	495	2,04	1.37
		AR 793M K 4 ½	AR793MKG/000	114,3	4.50	12,7	0.50	500	19.685	2200	495	2,38	1.60

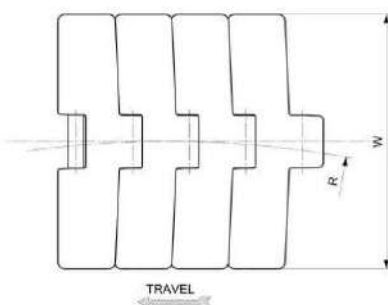
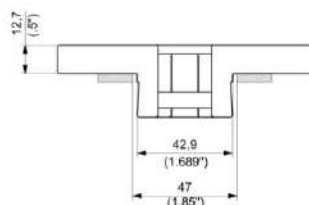
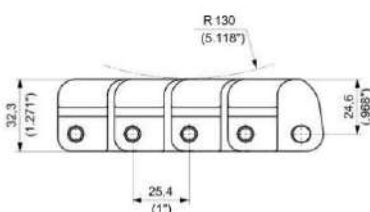


Standard packaging:
Rolls of 3,048 m (10 feet)

LOW PIN CENTER 12,7 mm (0.5") THICKNESS SOLID TOP HEAVY DUTY

NEW

The special Low Pin Center chain design holds the chains down flat and level in the curves, unlike conventional beveled and TAB chain styles, which lift up on the outer edges. This eliminates product tippage, especially on multi-strand conveyors. All of this comes without the extra cost of magnetic corner tracks. These chains can simply be lifted anywhere in the carry track for easy cleaning and maintenance.



Materials
see page 12



Sprockets
see page 251



Corner tracks
see page 328



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		SIDEFLEXING RADIUS R		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP		UP 793L K 4 ½	UP793LKG/000	114,3	4.5	12,7	0.50	609,6	24	2200	495	2,55	1.71
	AUSTENITIC STAINLESS STEEL												
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2		D2K 793L K 4 ½	D2K793LKG/000	114,3	4.5	12,7	0.50	609,6	24	2200	495	2,55	1.71



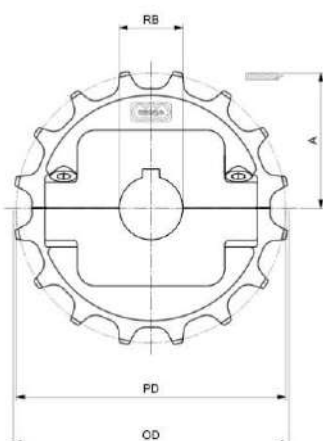
Standard packaging:
Rolls of 3,048 m (10 feet)

SUITABLE FOR CHAINS:

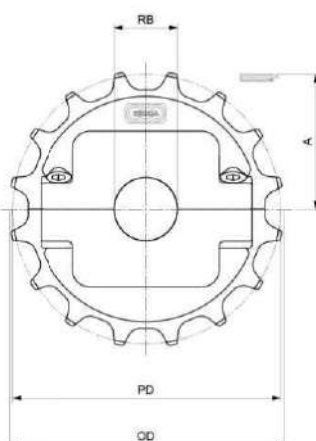
- 782M
- 783M
- 783T
- 793M
- 793T
- 793L

MATERIALS

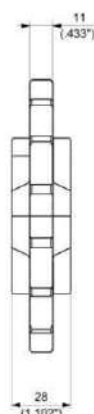
SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+ZN	ZINC PLATED STEEL



ROUND BORE - DRIVE



ROUND BORE - IDLER



**MOULDED SOLID
IDLER WHEELS FOR 782M,
783M, 793M CHAINS**
SEE PAGE 123



**MOULDED SPLIT
IDLER WHEELS FOR 782M,
783M, 793M CHAINS**
SEE PAGE 186



**MACHINED SPLIT
IDLER WHEELS FOR 782M,
783M, 793M CHAINS**
SEE PAGE 125

MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	DRIVE	IDLER	Kg	lbs
16	130,20	5.126	131,30	5.169	68,40	2.693	25		CMT027821601	CMT037821601	0,26	0.58
							30		CMT027821602	CMT037821602	0,26	0.57
							35		CMT027821603	CMT037821603	0,25	0.56
							40		CMT027821604	CMT037821604	0,24	0.54
							45		CMT027821605	CMT037821605	0,24	0.52
							50		CMT027821613	CMT037821613	0,23	0.50
					77,00 (for 793L chain only)	3.031	1		CMT027821606	CMT037821606	0,26	0.58
							1 3/8		CMT027821607	CMT037821607	0,26	0.57
							1 1/4		CMT027821608	CMT037821608	0,26	0.57
							1 3/8		CMT027821611	CMT037821611	0,25	0.56
							1 7/8		CMT027821609	CMT037821609	0,25	0.55
							1 1/2		CMT027821610	CMT037821610	0,25	0.55
18	146,27	5.759	147,60	5.811	76,44	3.009	25		CMT027821801	CMT037821801	0,29	0.63
							30		CMT027821802	CMT037821802	0,28	0.62
							35		CMT027821803	CMT037821803	0,28	0.61
							40		CMT027821804	CMT037821804	0,27	0.59
							45		CMT027821805	CMT037821805	0,26	0.58
							50		CMT027821813	CMT037821813	0,25	0.56
					85,04 (for 793L chain only)	3.348	1		CMT027821806	CMT037821806	0,29	0.63
							1 3/8		CMT027821807	CMT037821807	0,28	0.62
							1 1/4		CMT027821808	CMT037821808	0,28	0.62
							1 3/8		CMT027821811	CMT037821811	0,28	0.61
							1 7/8		CMT027821809	CMT037821809	0,27	0.60
							1 1/2		CMT027821810	CMT037821810	0,27	0.60
19	154,32	6.076	156,30	6.154	80,46	3.168	25		CMT027821901	CMT037821901	0,32	0.71
							30		CMT027821902	CMT037821902	0,31	0.69
							35		CMT027821903	CMT037821903	0,31	0.68
							40		CMT027821904	CMT037821904	0,30	0.66
							45		CMT027821905	CMT037821905	0,29	0.65
							50		CMT027821913	CMT037821913	0,28	0.63
					89,06 (for 793L chain only)	3.506	1		CMT027821906	CMT037821906	0,32	0.70
							1 3/8		CMT027821907	CMT037821907	0,31	0.69
							1 1/4		CMT027821908	CMT037821908	0,31	0.69
							1 3/8		CMT027821911	CMT037821911	0,31	0.68
							1 7/8		CMT027821909	CMT037821909	0,31	0.68
							1 1/2		CMT027821910	CMT037821910	0,30	0.67

*Diameter is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.



Matveyor[®]

1 1/4" Pitch Heavy Duty Sideflexing Belts



INDUSTRIES AND APPLICATIONS

REGINA Sideflexing belts are suitable for packaging applications requiring speed and heavy packs carriage around curves, in particular: multi packs of plastic bottles, cartons, shrink wrapped cans.

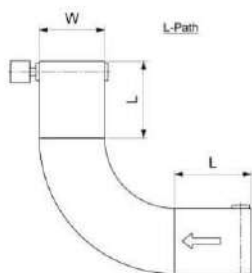
INDUSTRIES

Bottling & canning
Food filling
Pharmaceutical
Paper / Cardboard
Consumer goods



BELT CONVEYING CAPABILITY

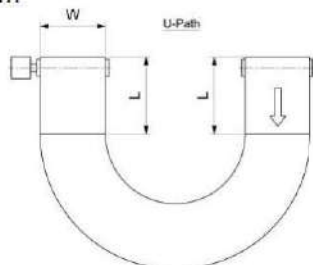
L-PATH



APPLICATION EXAMPLE 1

- Belt width W: 850 mm
- Straight section L: 1200 mm
- Curve radius: 1600 mm
- Speed: 30 m/min
- Load: N°32 shrink packs 3x2 1.5L PET in double track
- Total weight on the conveyor: 290 kg

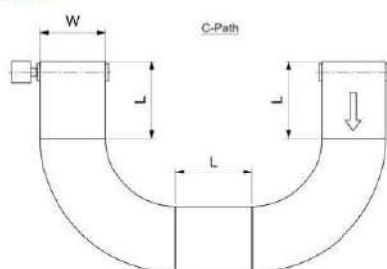
U-PATH



APPLICATION EXAMPLE 2

- Belt width W: 850 mm
- Straight section L: 1200 mm
- Curve radius: 1600 mm
- Speed: 30 m/min
- Load: N°45 shrink packs 3x2 1.5L PET in double track
- Total weight on the conveyor: 400 kg

C-PATH



APPLICATION EXAMPLE 3

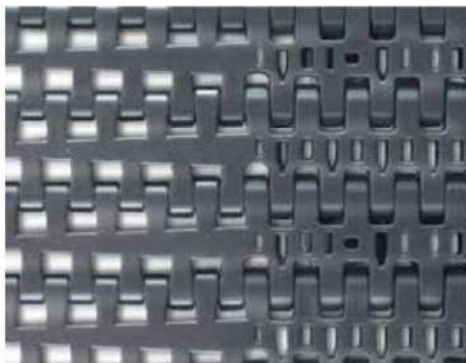
- Belt width W: 850 mm
- Straight section L: 1200 mm
- Curve radius: 1600 mm
- Speed: 30 m/min
- Load: N°55 shrink packs 3x2 1L PET in double track
- Total weight on the conveyor: 330 kg
- N° 1 drive only to link two curves

FEATURES

- Belt equipped with radial bearing.
- Split guide system to prevent overturning and provide radial force resistance in sideflexing section.



- Outer modules with reinforced hinges and larger cross-section.



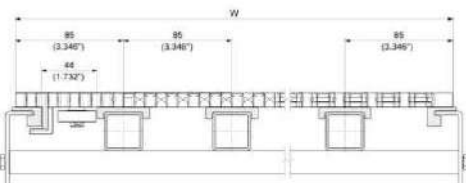
- Available in tight radius version (SR):
 - Reinforced design of the inner modules
 - Minimum ratio (1.2) between inner radius of the curve and belt width.



- "Poka yoke" design of the outer hinges.



- Guide system suitable for conveyors frame with 44 mm guide clearance.



BENEFITS

- Drastic friction reduction in curve sections.
- No curve overheating
 - Drastic wear and noise reduction
 - Smooth belt running
- No special material requirement for curve profile (UHMWPE standard)
 - Cost saving
- High conveying capability for the most demanding layouts:
 - 180° single curve
 - 2x90° curves
- Higher transversal and longitudinal stiffness.
- More compact curves for reduced footprint layout.
- Prevention of any assembling mistakes.
- Wear strips standardization.

TAB+BEARING

12,7 mm (0.5") THICKNESS

REINFORCED OUTER MODULES

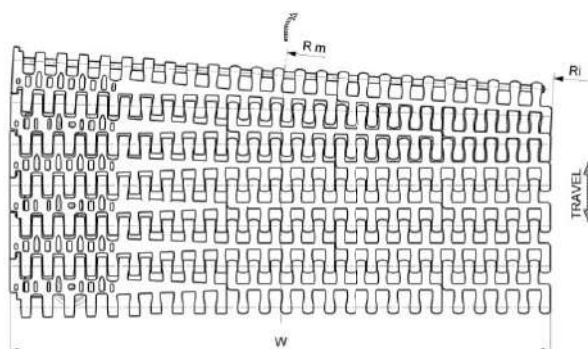
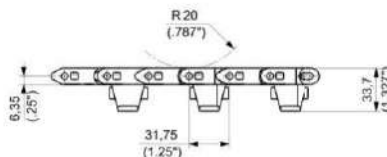
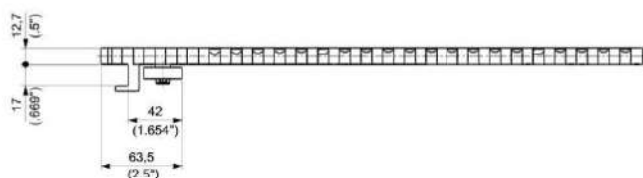
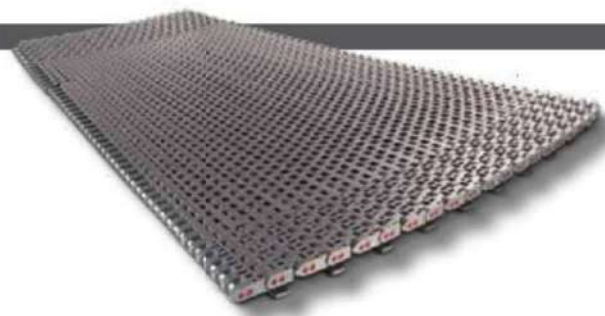
STANDARD SIDEFLEXING RADIUS

For traditional left, right or "U" turn conveying.

Average ratio between internal sideflexing radius and width = 1.8.

Guide system with **one side TAB+ Stainless Steel Bearing (waterproof)**.

- **Belt widths:** from 255 mm (10.04") to 850 mm (33.46") in 85 mm (3.35") increments



MATERIALS		PART NUMBER		WIDTH W		SIDEFLEXING RADIUS		WEIGHT	
Module	Pin			mm	inch	INNER Ri	MEDIUM Rm	kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	2556HTB-UP0255		255	10.04	472,5	18.60	23.62	3,24 2.18
		2556HTB-UP0340		340	13.39	630,0	24.80	31.50	3,97 2.67
		2556HTB-UP0425		425	16.73	787,3	31.00	39.37	4,70 3.16
		2556HTB-UP0510		510	20.08	945,0	37.21	47.24	5,43 3.65
		2556HTB-UP0595		595	23.43	1102,5	43.41	55.12	6,16 4.14
		2556HTB-UP0680		680	26.77	1260,0	49.61	62.99	6,90 4.64
		2556HTB-UP0765		765	30.12	1417,5	55.81	70.87	7,63 5.13
		2556HTB-UP0850		850	33.46	1575,0	62.01	78.74	8,36 5.62



TAB+BEARING

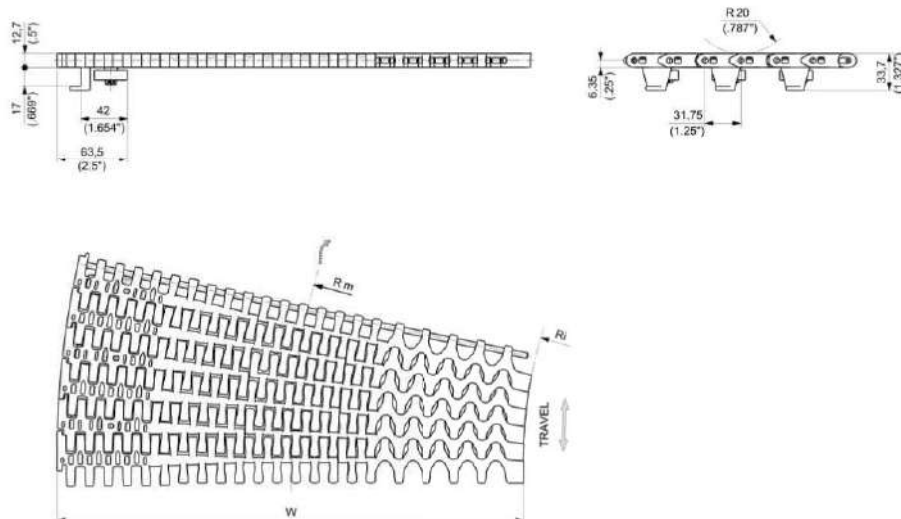
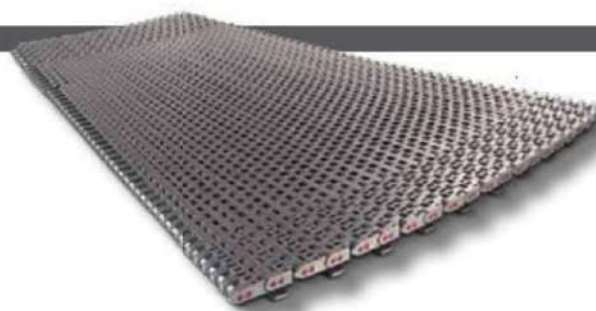
12,7 mm (0.5") THICKNESS

REINFORCED OUTER MODULES

REDUCED SIDEFLEXING RADIUS

For traditional left, right or "U" turn conveying.
Average ratio between internal sideflexing radius and width= 1.2.
Suitable to be used in more compact conveyors, saving floor space.
For **heavy duty** applications with high working load and speed.
Guide system with **one side TAB+Stainless Steel Bearing (waterproof)**.

- Belt widths: from 340 mm (13.39") to 850 mm (33.46") in 85 mm (3.35") increments



Materials
see page 12



Sprockets
see pages 257-258



Corner tracks
see page 324



Applications
see page 22

MATERIALS		PART NUMBER	WIDTH W		SIDEFLEXING RADIUS				WEIGHT	
Module	Pin		mm	inch	INNER Ri		MEDIUM Rm		kg/m	lbs/ft
ULTRA PERFORMANCE HOMOPOLYMER DELRIN® UP	PBT	2556HTB-SRUP0340	340	13.39	330,0	12.99	500	19.69	3,91	2.63
		2556HTB-SRUP0425	425	16.73	387,5	15.26	600	23.62	4,70	3.16
		2556HTB-SRUP0510	510	20.08	545,0	21.46	800	31.50	5,43	3.65
		2556HTB-SRUP0595	595	23.43	702,5	27.66	1000	39.37	6,17	4.15
		2556HTB-SRUP0680	680	26.77	860,0	33.86	1200	47.24	6,90	4.64
		2556HTB-SRUP0765	765	30.12	1017,5	40.06	1400	55.12	7,63	5.13
		2556HTB-SRUP0850	850	33.46	1175,5	46.26	1600	62.99	8,36	5.62



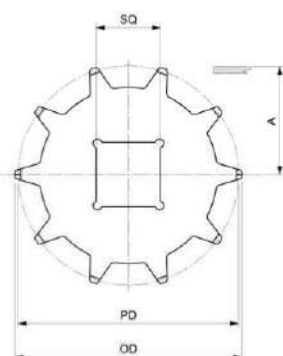
Standard packaging:
Rolls of 1,524 m (5 ft)

SUITABLE FOR CHAINS:

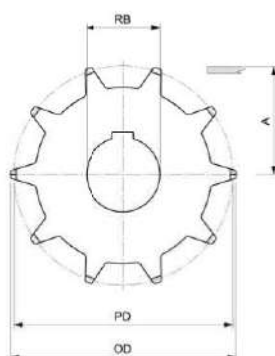
- 2556HTB
- 2556HTB-SR

MATERIALS

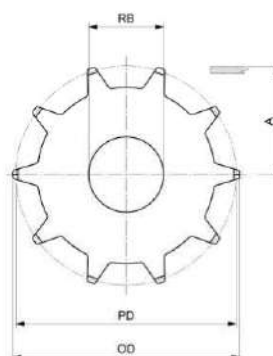
SPROCKETS: **PA** POLYAMIDE



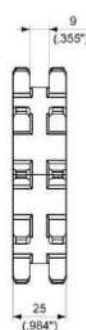
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MACHINED DOUBLE ROW SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE**		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch***	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
8*	82,97	3.267	86,50	3.406	35,14	1.383	30			MPBAT255508D30	MPBAF255508D30	0,08	0.17
							35			MPBAT255508D35	MPBAF255508D35	0,07	0.16
							1			MPBAT255508D254	MPBAF255508D254	0,08	0.19
							1 1/4			MPBAT255508D317	MPBAF255508D317	0,08	0.17
10	102,75	4.045	106,50	4.193	45,03	1.773	30			MPBAT255510D30	MPBAF255510D30	0,15	0.32
							35			MPBAT255510D35	MPBAF255510D35	0,14	0.31
							40		MPBAQ255510D40	MPBAT255510D40	MPBAF255510D40	0,13	0.29
							1			MPBAT255510D254	MPBAF255510D254	0,16	0.34
							1 1/4			MPBAT255510D317	MPBAF255510D317	0,15	0.32
							1 1/2		MPBAQ255510D381	MPBAT255510D381	MPBAF255510D381	0,14	0.30

*For some shaft dimensions, shaft needs to be properly machined down to avoid interference with the belt tabs. Please contact REGINA Application Engineering for more details.

**In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

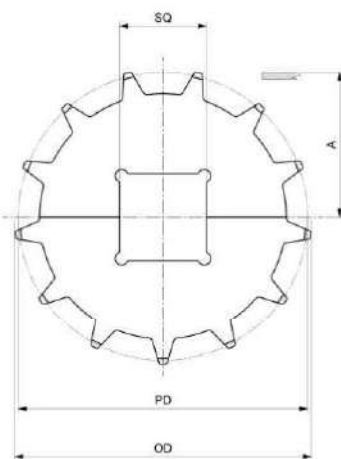
*** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

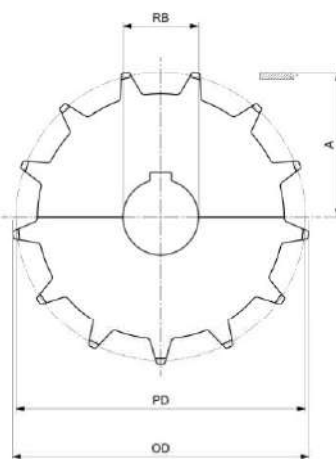
- 2556HTB
- 2556HTB-SR

MATERIALS

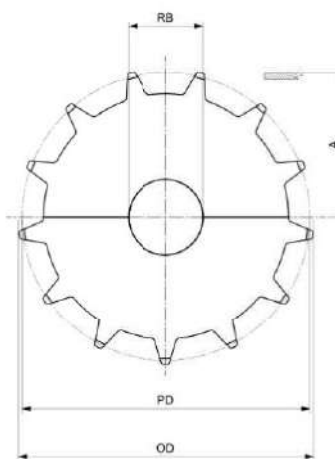
SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS



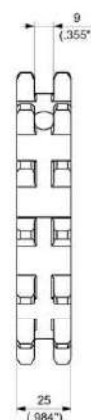
SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MACHINED DOUBLE ROW SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER			WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	ROUND BORE RB IDLER	Kg	lbs
10	102,75	4.045	106,50	4.193	45,03	1.773	30			MPBAST255510D30	MPBASF255510D30	0,18	0.40
							35			MPBAST255510D35	MPBASF255510D35	0,17	0.37
							40		MPBASQ255510D40	MPBAST255510D40	MPBASF255510D40	0,16	0.35
							1			MPBAST255510D254	MPBASF255510D254	0,19	0.42
							1 1/4			MPBAST255510D317	MPBASF255510D317	0,18	0.40
							1 1/2		MPBASQ255510D381	MPBAST255510D381	MPBASF255510D381	0,17	0.37
13	132,67	5.223	137,50	5.413	59,99	2.362	30			MPBAST255513D30	MPBASF255513D30	0,30	0.66
							35			MPBAST255513D35	MPBASF255513D35	0,29	0.64
							40		MPBASQ255513D40	MPBAST255513D40	MPBASF255513D40	0,28	0.62
							1			MPBAST255513D254	MPBASF255513D254	0,30	0.67
							1 1/4			MPBAST255513D317	MPBASF255513D317	0,30	0.65
							1 1/2		MPBASQ255513D381	MPBAST255513D381	MPBASF255513D381	0,29	0.63
15	152,71	6.012	158,00	6.220	70,01	2.756	30			MPBAST255515D30	MPBASF255515D30	0,41	0.91
							35			MPBAST255515D35	MPBASF255515D35	0,41	0.89
							40		MPBASQ255515D40	MPBAST255515D40	MPBASF255515D40	0,40	0.88
							1			MPBAST255515D254	MPBASF255515D254	0,42	0.92
							1 1/4			MPBAST255515D317	MPBASF255515D317	0,41	0.91
							1 1/2		MPBASQ255515D381	MPBAST255515D381	MPBASF255515D381	0,40	0.88
16	162,75	6.407	168,00	6.614	75,03	2.954	30			MPBAST255516D30	MPBASF255516D30	0,48	1.05
							35			MPBAST255516D35	MPBASF255516D35	0,47	1.04
							40		MPBASQ255516D40	MPBAST255516D40	MPBASF255516D40	0,46	1.02
							1			MPBAST255516D254	MPBASF255516D254	0,48	1.07
							1 1/4			MPBAST255516D317	MPBASF255516D317	0,48	1.05
							1 1/2		MPBASQ255516D381	MPBAST255516D381	MPBASF255516D381	0,47	1.03

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

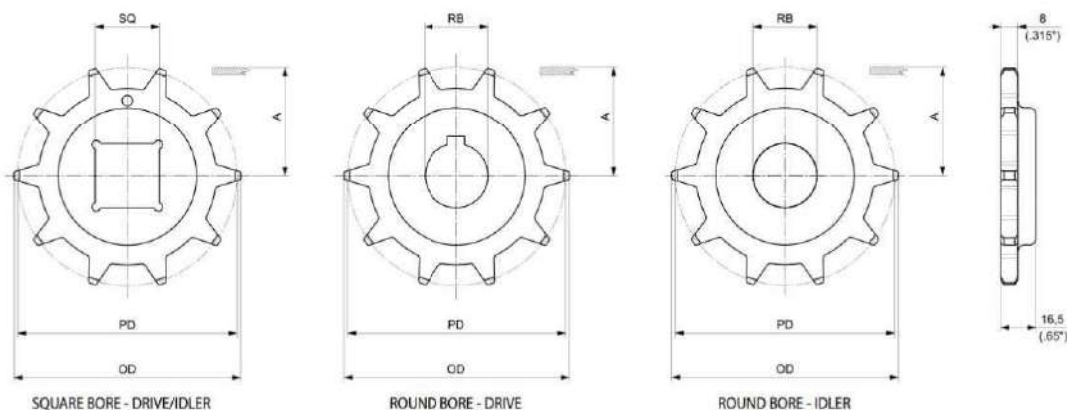
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS: • 2556HTB-SR

MATERIALS

SPROCKETS: **PA** POLYAMIDE

These sprockets are used for 2556HTB-SR belts only.
One drive and one idler sprocket are needed for each belt regardless of its width.
For more information on the correct position of these sprockets please contact REGINA Application Engineers.



MACHINED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE**		PART NUMBER	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch***		Kg	lbs
8*	82,97	3.267	86,50	3.406	35,14	1.383	35		MPBAT25550830	0,04	0.09
							40		MPBAT25550835	0,03	0.08
							1		MPBAT255508254	0,04	0.10
							1 1/4		MPBAT255508317	0,04	0.08
10	102,75	4.045	106,50	4.193	45,03	1.773	30		MPBAT25551030	0,08	0.17
							35		MPBAT25551035	0,07	0.16
							40	MPBAQ25551040	MPBAT25551040	0,06	0.14
							1		MPBAT255510254	0,08	0.18
							1 1/4		MPBAT255510317	0,07	0.16
							1 1/2	MPBAQ255510381	MPBAT255510381	0,07	0.15
									MPBAF25550830		
									MPBAF25550835		
									MPBAF255508254		
									MPBAF255508317		
									MPBAF25551030		
									MPBAF25551035		
									MPBAF25551040		
									MPBAF255510254		
									MPBAF255510317		
									MPBAF255510381		

*For some shaft dimensions, shaft needs to be properly machined down to avoid interference with the belt tabs. Please contact REGINA Application Engineering for more details.

**In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

*** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

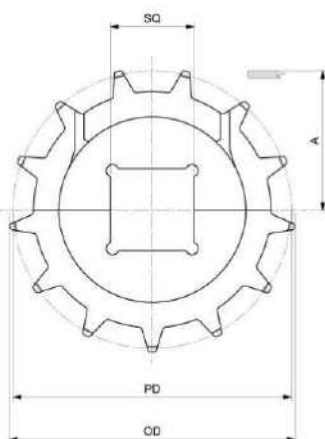
SUITABLE FOR CHAINS:

• 2556HTB-SR

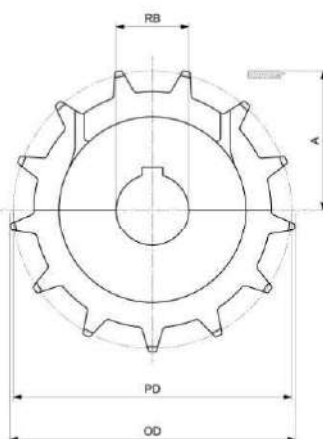
MATERIALS

SPROCKETS:	PA	POLYAMIDE
SCREWS:	SS	STAINLESS STEEL
NUTS:	B	BRASS

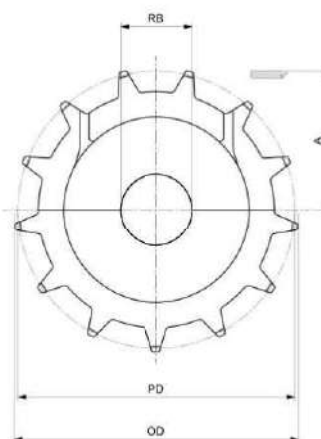
These sprockets are used for 2556HTB-SR belts only.
One drive and one idler sprocket are needed for each belt regardless of its width.
For more information on the correct position of these sprockets please contact REGINA Application Engineers.



SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



ROUND BORE - IDLER



MACHINED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		SQUARE BORE SQ DRIVE/IDLER	PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**		DRIVE	IDLER	Kg	lbs
10	102,75	4.045	106,50	4.193	45,03	1.773	30			MPBAST25551030	MPBASF25551030	0,11	0.24
							35			MPBAST25551035	MPBASF25551035	0,10	0.22
							1			MPBAST255510254	MPBASF255510254	0,12	0.26
							1 1/4			MPBAST255510317	MPBASF255510317	0,11	0.24
13	132,67	5.223	137,50	5.413	59,99	2.362	30			MPBAST25551330	MPBASF25551330	0,20	0.43
							35			MPBAST25551335	MPBASF25551335	0,19	0.42
							40		MPBASQ25551340	MPBAST25551340	MPBASF25551340	0,18	0.40
							1			MPBAST255513254	MPBASF255513254	0,20	0.44
							1 1/4			MPBAST255513317	MPBASF255513317	0,19	0.43
							1 1/2		MPBASQ255513381	MPBAST255513381	MPBASF255513381	0,19	0.41
15	152,71	6.012	158,00	6.220	70,01	2.756	30			MPBAST25551530	MPBASF25551530	0,26	0.58
							35			MPBAST25551535	MPBASF25551535	0,26	0.57
							40		MPBASQ25551540	MPBAST25551540	MPBASF25551540	0,25	0.56
							1			MPBAST255515254	MPBASF255515254	0,27	0.59
							1 1/4			MPBAST255515317	MPBASF255515317	0,26	0.58
16	162,75	6.407	168,00	6.614	75,03	2.954	1 1/2		MPBASQ255515381	MPBAST255515381	MPBASF255515381	0,25	0.56
							30			MPBAST25551630	MPBASF25551630	0,29	0.63
							35			MPBAST25551635	MPBASF25551635	0,28	0.62
							40		MPBASQ25551640	MPBAST25551640	MPBASF25551640	0,27	0.60
							1			MPBAST255516254	MPBASF255516254	0,29	0.64
							1 1/4			MPBAST255516317	MPBASF255516317	0,28	0.63
							1 1/2		MPBASQ255516381	MPBAST255516381	MPBASF255516381	0,28	0.61

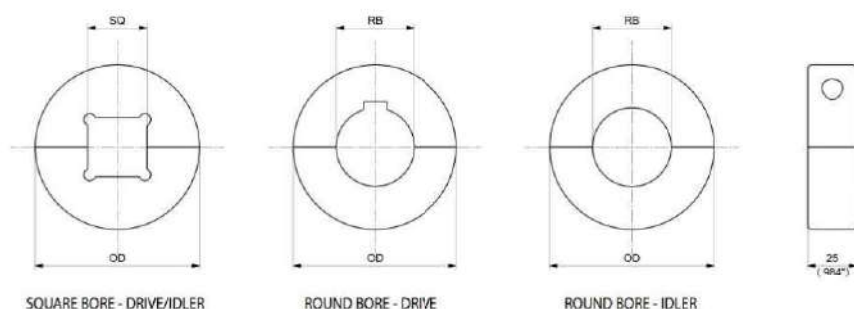
*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS: • 2556HTB-SR

MATERIALS	
SPROCKETS:	PA POLYAMIDE
SCREWS:	SS STAINLESS STEEL
INSERTS:	B BRASS

These supporting wheels are used for 2556HTB-SR belts only in order to support the inner module. Two supporting wheels are needed (for drive and idler shaft) for each belt regardless of its width. For more information on the correct position of these sprockets please contact REGINA Application Engineers.



MACHINED SPLIT SUPPORTING WHEELS

N. TEETH	OUTSIDE DIAMETER OD		BORE SIZE*		PART NUMBER			WEIGHT	
					SQUARE BORE SQ	ROUND BORE RB			
	mm	inch	mm	inch	DRIVE/IDLER	DRIVE	IDLER	Kg	lbs
8	63	2.480	30			CC255001	CC255029	0,08	0.18
			35			CC255002	CC255030	0,07	0.16
			1			CC255003	CC255031	0,09	0.19
			1 1/4			CC255004	CC255032	0,08	0.17
10	84	3.307	30			CC255005	CC255033	0,16	0.35
			35			CC255006	CC255034	0,15	0.34
			40		CC255057	CC255007	CC255035	0,14	0.32
			1			CC255008	CC255036	0,17	0.37
			1 1/4			CC255009	CC255037	0,16	0.35
			1 1/2		CC255058	CC255010	CC255038	0,15	0.33
13	115	4.528	30			CC255011	CC255039	0,30	0.66
			35			CC255012	CC255040	0,29	0.64
			40		CC255059	CC255013	CC255041	0,28	0.62
			1			CC255014	CC255042	0,30	0.67
			1 1/4			CC255015	CC255043	0,30	0.65
			1 1/2		CC255060	CC255016	CC255044	0,29	0.63
15	135	5.315	30			CC255017	CC255045	0,41	0.91
			35			CC255018	CC255046	0,41	0.89
			40		CC255061	CC255019	CC255047	0,40	0.88
			1			CC255020	CC255048	0,42	0.92
			1 1/4			CC255021	CC255049	0,41	0.91
			1 1/2		CC255062	CC255022	CC255050	0,40	0.88
16	145	5.709	30			CC255023	CC255051	0,48	1.05
			35			CC255024	CC255052	0,47	1.03
			40		CC255063	CC255025	CC255053	0,46	1.01
			1			CC255026	CC255054	0,48	1.06
			1 1/4			CC255027	CC255055	0,47	1.04
			1 1/2		CC255064	CC255028	CC255056	0,46	1.02

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.



Matveyor[®]

2" Pitch Heavy Duty Raised Rib Belts



INDUSTRIES AND APPLICATIONS

Suitable for handling mainly loose products, such as plastic and glass bottles, aluminium & steel cans, in heavy duty applications.

INDUSTRIES

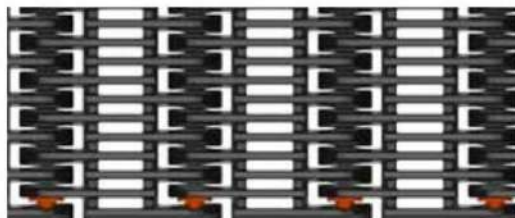
Bottling and canning
Food filling
Container manufacturing

APPLICATIONS

Pasteurizers
Warmers
Coolers
Accumulation tables

FEATURES

- Optimized ratio rib thickness/ribs spacing and special clips design guarantee uniform top surface and high support of the most unstable products such as PET bottles with petaloid bottom.
- Optimum combination open area / mechanical strength allows very good liquid drainage and high product load with long center to center distances.
- Clips integrated in the modules for seamless product support at the edges of the belt.
- Contrasting colour of the integrated clip makes it easy to identify the clip itself for safer working conditions.



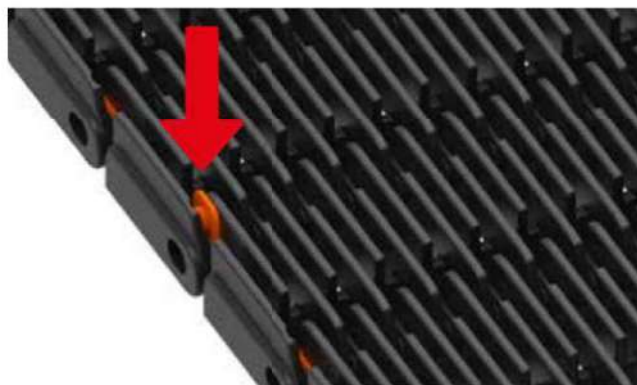
BELT ASSEMBLY



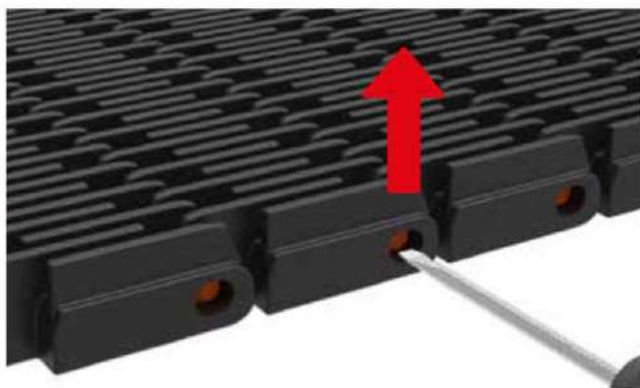
1) In order to link two belt sections, push the pin in.



2) Insert the clip into the belt pocket securing it with the help of a screwdriver.

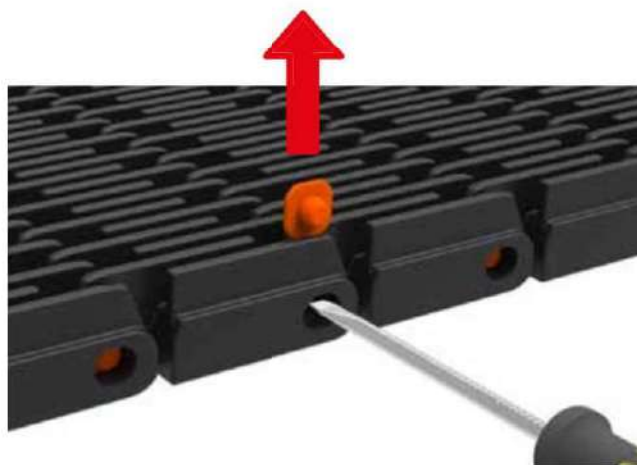


BELT DISASSEMBLY



1) Insert a screwdriver into the side hole of the belt and lift the clip.

2) Repeat the same operations on the other side of the belt and then push the plastic pin out using the screwdriver.



14,2 mm (0.580") THICKNESS

RAISED RIB

SEAMLESS PRODUCT SUPPORT AT THE EDGES OF THE BELT

NEW

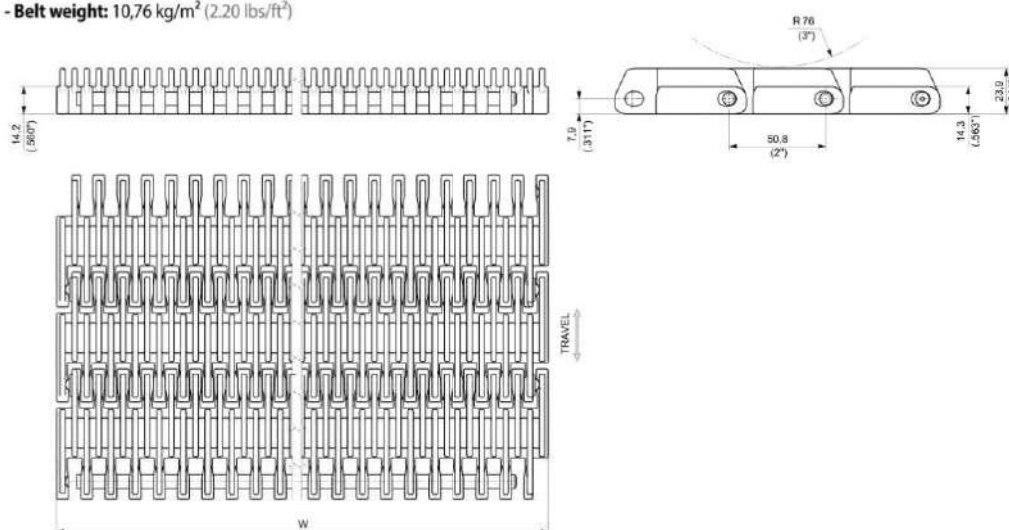


3125 belt is ideal for pasteurizer applications where the most unstable products such as PET bottles with petaloid bottom have to be conveyed. The raised rib surface shows no discontinuity between modules both along the belt width and the belt travel direction, allowing containers to slide across easily without the risk of product tippage throughout the tunnel pasteurizer.

- **Belt widths:** 304,8 mm (12") or wider in 76,2 mm (3") increments

- **Working Load (at 25°C/77°F):** 24670 N/m (1690 lbs/ft)

- **Belt weight:** 10,76 kg/m² (2.20 lbs/ft²)



Materials
see page 12



Combs
see pages 266+267



Sprockets
see pages 268+269



Applications
see page 22

WIDTH W		MATERIALS	
		Module	Pin
		PP SPECIAL POLYPROPYLENE	
mm	inch	PART NUMBER	
304,8	12	3125PP012	POLYPROPYLENE
381,0	15	3125PP015	
457,2	18	3125PP018	
533,4	21	3125PP021	
609,6	24	3125PP024	
685,8	27	3125PP027	
762,0	30	3125PP030	
838,2	33	3125PP033	
914,4	36	3125PP036	
990,6	39	3125PP039	
1066,8	42	3125PP042	
1143,0	45	3125PP045	
1219,2	48	3125PP048	
1295,4	51	3125PP051	
1371,6	54	3125PP054	
1447,8	57	3125PP057	
1524,0	60	3125PP060	

Belts wider than 1524 mm (60") are available in 76,2 (3") increments.

To identify the Part Numbers, please substitute the last three digits of the PN with the desired width.

Example: for a 63" wide belt (=60+3 inches), the PN is "3125PP063".

On request belts are available in 1.5" (38,1 mm) increments starting from 12" (304,8 mm).

To identify the PN, please add letter "M" to the integer number of the desired width.

Example: 45+1.5=46,5 inches width, the PN is "3125PP046M".



Standard packaging:
Belts are supplied in the length requested by the customer.

TRANSFER COMBS

Combs are supplied complete with slot covers but without fastening screws.
Two fastening screws are required for each comb.
They can be ordered using P/N 16300005.
Special note: the comb fastening screws for 3125 belts are not interchangeable with fastening screws for 1110 belts.

MATERIALS

COMBS: **DG** ACETAL RESIN

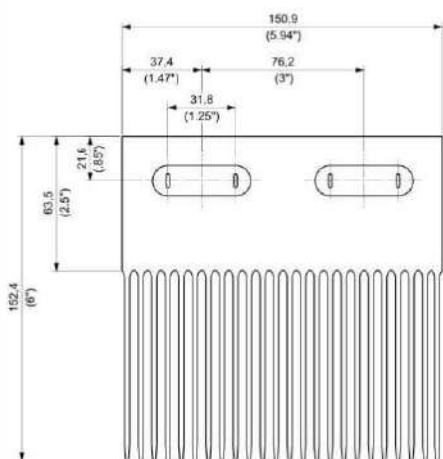
SCREWS*: **SS** STAINLESS STEEL

*Screws are not included in the combs.

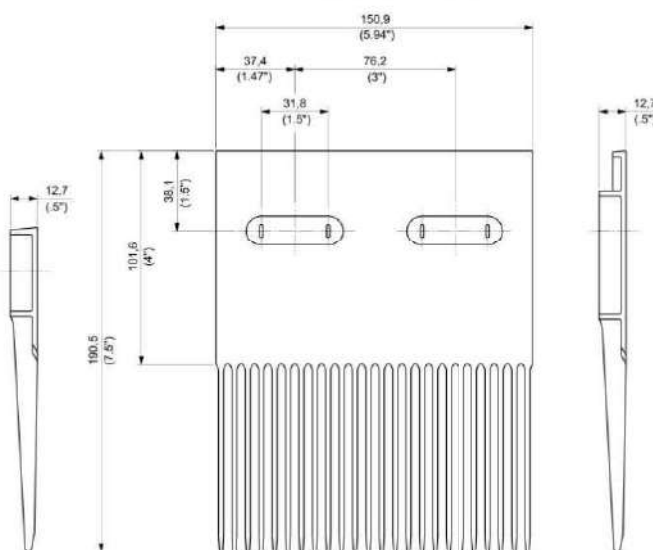


LONG FINGER COMB

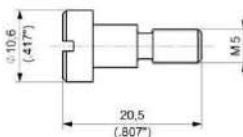
LONG FINGER COMB



PART NUMBER TC3000-01



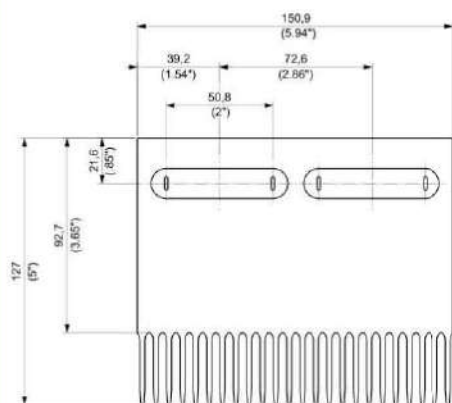
PART NUMBER TC3000-02



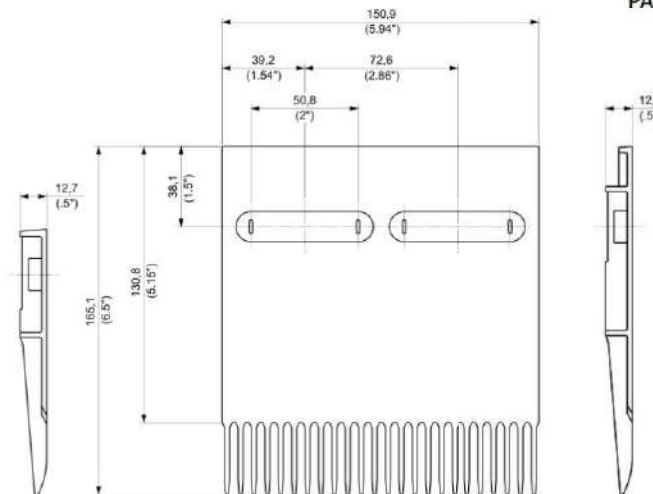
PART NUMBER 16300005

SHORT FINGER COMB

SHORT FINGER COMB



PART NUMBER TC3000-03



PART NUMBER TC3000-04

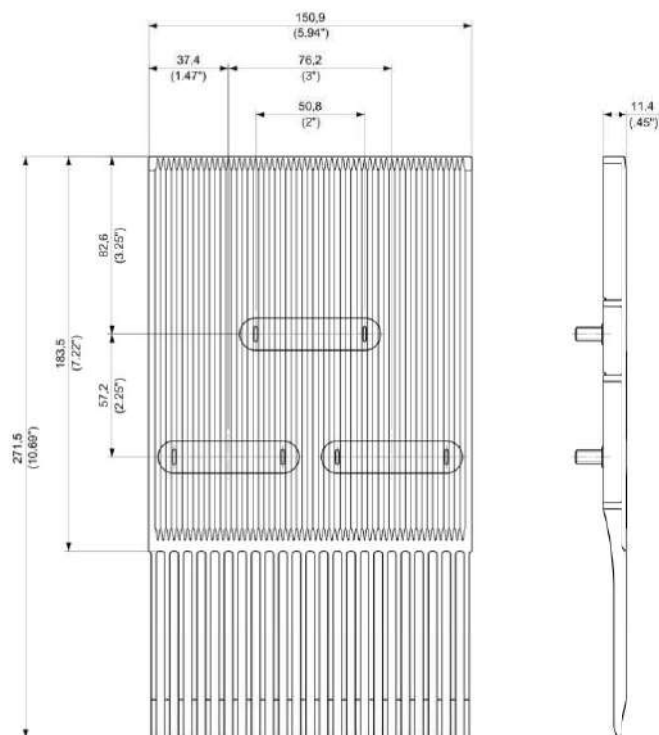
TRANSFER COMBS

Combs are supplied complete with slot covers, bushings and fastening screws type hex socket button head $\frac{1}{4}" \times \frac{5}{8}"$ UNI-ISO 7380.

MATERIALS

COMBS: **DG** ACETAL RESIN

SCREWS: **SS** STAINLESS STEEL



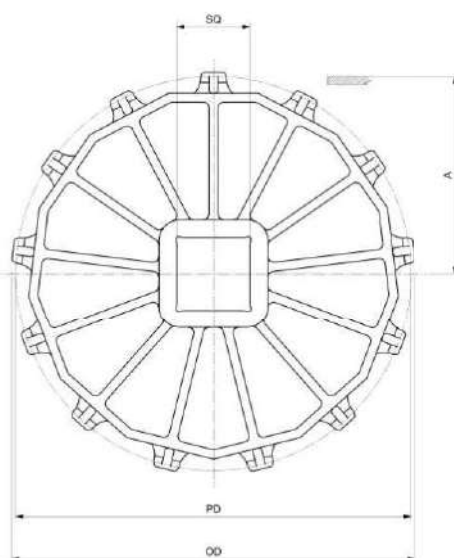
PART NUMBER **TC3000-05**

SUITABLE FOR CHAINS:

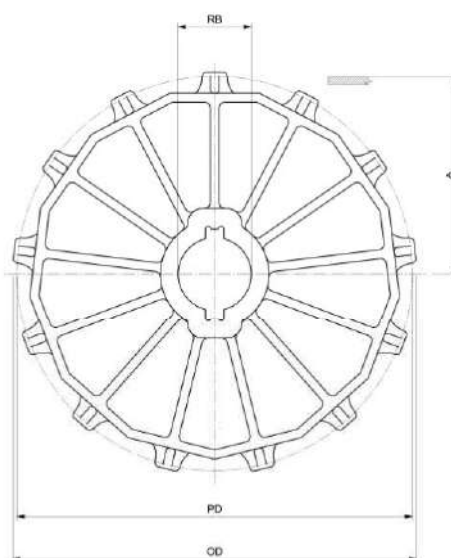
• 3125

MATERIALS

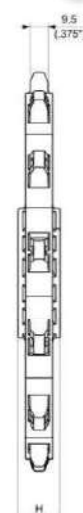
SPROCKETS: **WA** ACETAL RESIN



SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



MOULDED SOLID DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		HUB WIDTH H		WEIGHT			
	mm	inch	mm	inch	mm	inch	mm	inch	SQUARE BORE SQ	ROUND BORE RB	mm	inch	Kg	lbs		
									DRIVE/IDLER	DRIVE						
10	164,39	6.472	162,60	6.402	74,30	2.925	40		19200026	19200028	22,20	0.874	0,20	0.44		
							50			19200036			22,20	0.874	0,21	0.46
							60		19200024		47,60	1.874	0,29	0.64		
							65		19200027		47,60	1.874	0,25	0.55		
							1½		19200016	19200009	22,20	0.874	0,19	0.43		
							2		19200017	19200010	22,20	0.874	0,23	0.51		
							2½		19200018		47,60	1.874	0,27	0.59		
13	212,27	8.357	212,30	8.358	98,20	3.866	40		19200025		22,20	0.874	0,33	0.74		
							60		19200037		47,60	1.874	0,44	0.97		
							65			19200033	22,20	0.874	0,32	0.71		
							65		19200030	19200053	47,60	1.874	0,39	0.86		
							90		19200031	19200045	47,60	1.874	0,41	0.91		
							1½		19200019	19200001	47,60	1.874	0,34	0.75		
							2½			19200011	22,20	0.874	0,41	0.90		
16	260,40	10.252	261,60	10.299	122,26	4.813	2½		19200020		47,60	1.874	0,45	0.99		
							3½		19200021	19200046	22,20	0.874	0,43	0.94		
							65		19200034		47,60	1.874	0,50	1.11		
							90		19200035	19200054	47,60	1.874	0,54	1.19		
							120		19200038		47,60	1.874	0,52	1.15		
							2½		19200014	19200050	47,60	1.874	0,52	1.15		
							3½		19200015	19200051	47,60	1.874	0,54	1.19		

*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.

SUITABLE FOR CHAINS:

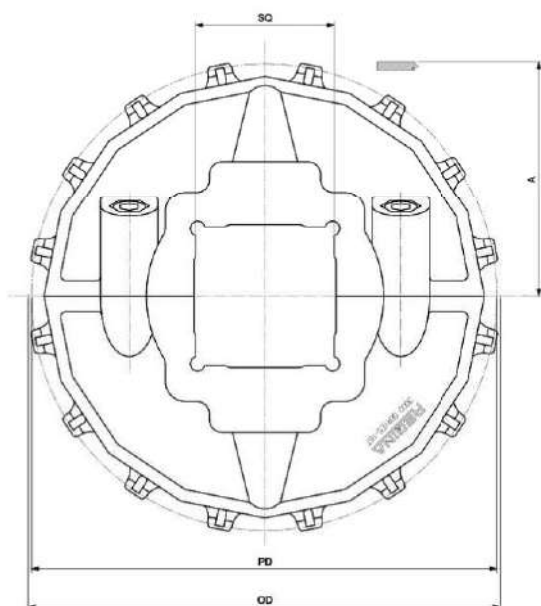
• 3125

MATERIALS

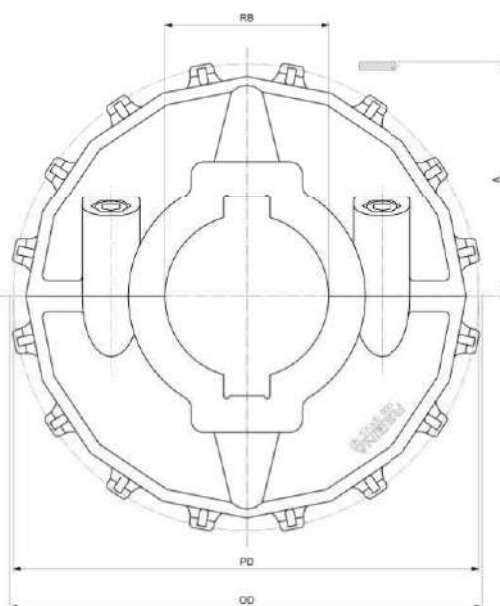
SPROCKETS: **WA** ACETAL RESIN

SCREWS: **SS** STAINLESS STEEL

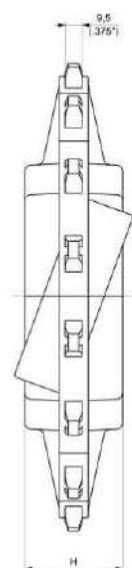
NUTS: **SS** STAINLESS STEEL



SQUARE BORE - DRIVE/IDLER



ROUND BORE - DRIVE



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER		HUB WIDTH H		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch	SQUARE BORE SQ DRIVE/IDLER	ROUND BORE RB DRIVE	mm	inch	Kg	lbs
16	260,40	10.252	261,40	10.291	122,26	4.813	65		19200111W	19200109W	54,00	2.126	1,85	4.08
							90		19200114W	19200112W	54,00	2.126	1,56	3.44
							2½		19200105W	19200103W	54,00	2.126	1,86	4.10
							3½		19200108W	19200106W	54,00	2.126	1,57	3.45

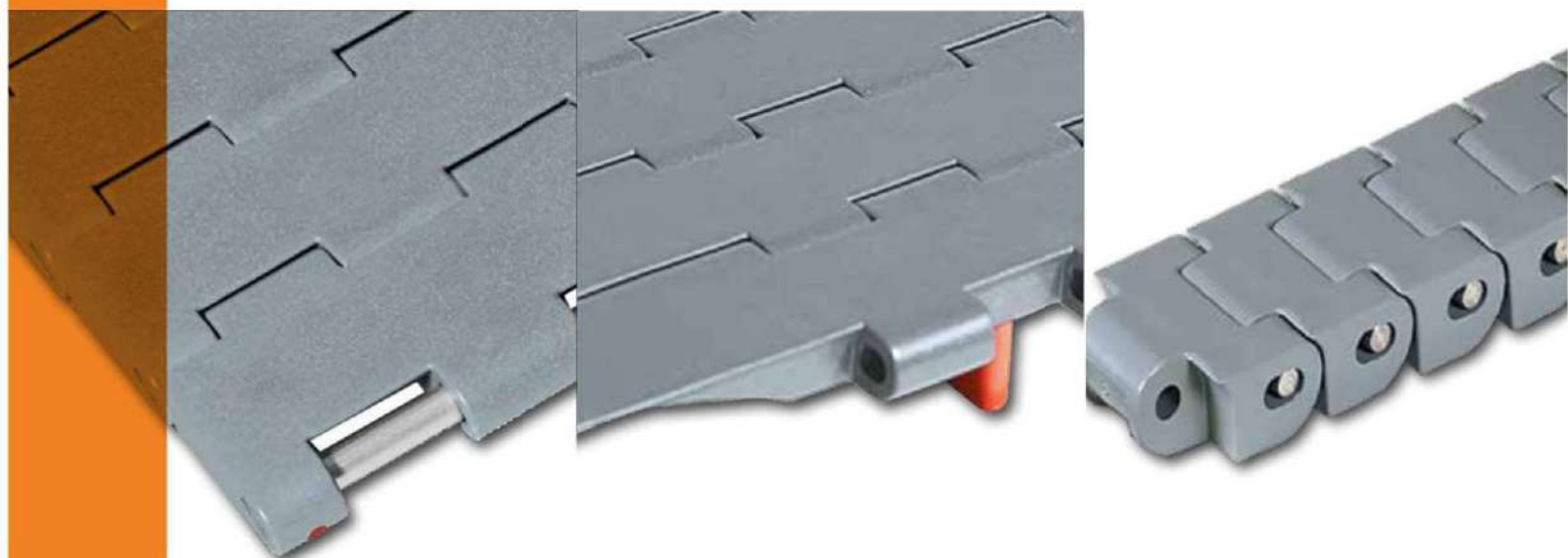
*In case of round bore, diameter is indicated. In case of square bore, side of the square is indicated.



PERFORMANCE IN MOTION

ULTOP[®]

1 1/2" Pitch Heavy Duty UCC Chains



INDUSTRIES AND APPLICATIONS

Suitable for handling loose & packaged products, such as plastic & glass bottles and aluminium & steel cans, in heavy duty applications.

INDUSTRIES

Bottling and canning
Food filling
Container manufacturing
(in particular glass bottles)
Consumer goods

APPLICATIONS

Depalletizer
Pressureless Inliners and Combiners
Single lane and Mass conveyors
Case conveyors



FEATURES

- Optimized edge profile combined with completely closed surface, with no gaps even when engaging the sprockets, allow smooth side transfer of products, even in presence of different thicknesses due to normal wear.



- Chains equipped with stainless steel pins for the maximum mechanical and wear resistance.



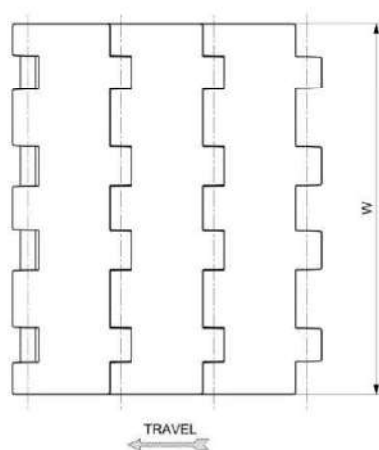
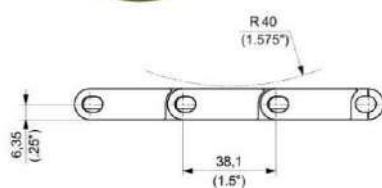
- Retention special clip (Snapsert™) can be easily moved from either side allowing easy chain assembly and disassembly.



12,7 mm (0.5") THICKNESS SOLID TOP

Stainless steel pins for ideal performance in heavy duty applications.

A complete range of dedicated width chains. Completely closed surface, no gap between the modules, even with engaging in the sprockets. Particularly suitable for glass bottling lines and glass manufacturing industry.



Materials
see page 12



Sprockets
see page 275



Applications
see page 22

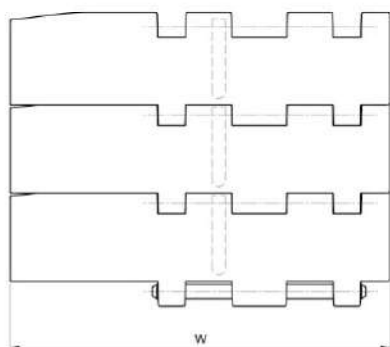
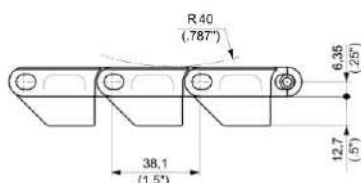
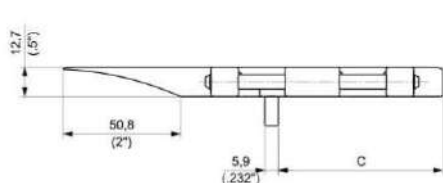
MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA LOW FRICTION POLYESTER RESIN ULF		UCC 325 SS	66100111	82,6	3.25	12,7	0.5	2505	563	1,26	0.85
		UCC 450 SS	66100141	114,3	4.50	12,7	0.5	3469	780	1,74	1.17
		UCC 600 SS	66100161	152,4	6.00	12,7	0.5	4625	1040	2,32	1.56
		UCC 750 SS	66100151	190,5	7.50	12,7	0.5	5781	1300	2,93	1.97
		UCC 1200 SS	66100191	304,8	12.00	12,7	0.5	9270	2061	4,64	3.12
		UCC 1500 SS	66100181	381,0	15.00	12,7	0.5	11590	2605	5,81	3.90
		UCC 1800 SS	66100221	457,2	18.00	12,7	0.5	13900	3125	6,97	4.69
		UCC 2400 SS	66100231	609,6	24.00	12,7	0.5	18540	4168	9,27	6.23
AUSTENITIC STAINLESS STEEL		D2K UCC 325 SS	D2K66100111	82,6	3.25	12,7	0.5	2505	563	1,33	0.89
		D2K UCC 450 SS	D2K66100141	114,3	4.50	12,7	0.5	3469	780	1,83	1.23
		D2K UCC 600 SS	D2K66100161	152,4	6.00	12,7	0.5	4625	1040	2,43	1.64
		D2K UCC 750 SS	D2K66100151	190,5	7.50	12,7	0.5	5781	1300	3,07	2.06
		D2K UCC 1200 SS	D2K66100191	304,8	12.00	12,7	0.5	9270	2061	4,88	3.28
		D2K UCC 1500 SS	D2K66100181	381,0	15.00	12,7	0.5	11590	2605	6,10	4.10
		D2K UCC 1800 SS	D2K66100221	457,2	18.00	12,7	0.5	13900	3125	7,32	4.92
		D2K UCC 2400 SS	D2K66100231	609,6	24.00	12,7	0.5	18540	4168	9,73	6.54
SPECIAL DELRIN® REINFORCED WITH KEVLAR® DK2											



Standard packaging:
Rolls of 3,048 m (10 feet)

ACTIVE TRANSFER MODULES 12,7 mm (0.5") THICKNESS SOLID TOP

Active transfer modules UCCG ATM allow transfer of products between two 90° conveyor tracks without using dead plates. The special wing shaped module profile supports the products dynamically during transfer on the take-away belt.



Materials
see page 12



Sprockets
see page 275



Applications
see page 22

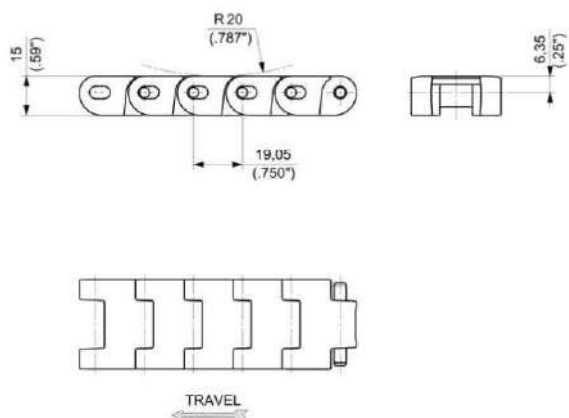
MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		TRACKING GUIDE POSITION		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA LOW FRICTION POLYESTER RESIN ULF	AUSTENITIC STAINLESS STEEL	UCCGATM 450 SS	66100331	165,1	6.50	12,7	0.5	71,4	2.81	3469	780	2,11	1.41
		UCCGATM 750 SS	66100341	241,3	9.50	12,7	0.5	139,5	5.49	5781	1.300	3,26	2.19
SPECIAL DELRIN * REINFORCED WITH KEVLAR * DK2		UCCGATM D2K 450 SS	D2K66100331	165,1	6.50	12,7	0.5	71,4	2.81	3469	780	2,22	1.49
		UCCGATM D2K 750 SS	D2K66100341	241,3	9.50	12,7	0.5	139,5	5.49	5781	780	3,43	2.31



Standard packaging:
Rolls of 3,048 m (10 feet)

15 mm (0.591") THICKNESS SOLID TOP

Optimum support of the conveyed products, no risk for flight detachment (compared to two piece chains).
 No gap between the plates even when engaging the sprockets.
 Particularly suitable for packaging machines applications.



Materials
see page 12



Sprockets
see page 276



Applications
see page 22

MATERIALS		ITEM DESCRIPTION	PART NUMBER	WIDTH W		PLATE THICKNESS		WORKING LOAD (25°C/77°F)		WEIGHT	
Plate	Pin			mm	inch	mm	inch	N	lbs	kg/m	lbs/ft
ULTRA LOW FRICTION POLYESTER RESIN ULF	AUSTENITIC STAINLESS STEEL	UCC 138 SS	66100321	34,92	1.37	15	0.591	1225	275	0,68	0.46



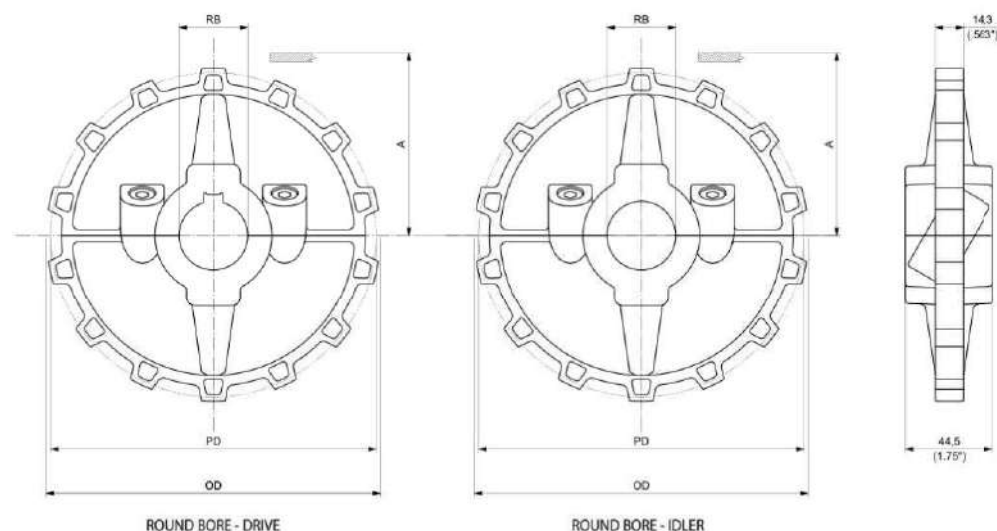
Standard packaging:
Rolls of 3,048 m (10 feet)

SUITABLE FOR CHAINS:

• UCC

MATERIALS

SPROCKETS:	PGF	REINFORCED POLYAMIDE
SCREW:	SS	STAINLESS STEEL
NUTS:	S+ZN	ZINC PLATED STEEL



MOULDED SPLIT DRIVE AND IDLER SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		BORE SIZE*		PART NUMBER ROUND BORE RB		WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch**	DRIVE	IDLER	Kg	lbs
12	147,21	5.796	146,80	5.780	67,30	2.650	30		UCCST1230	UCCSF1230	0,36	0.80
							35		UCCST1235	UCCSF1235	0,35	0.77
							40		UCCST1240	UCCSF1240	0,34	0.75
							1		UCCST12254	UCCSF12254	0,37	0.82
							1 1/16		UCCST12301	UCCSF12301	0,36	0.79
							1 1/4		UCCST12317	UCCSF12317	0,36	0.79
							1 3/8		UCCST12349	UCCSF12349	0,34	0.76
							1 7/8		UCCST12365	UCCSF12365	0,35	0.76
							1 1/2		UCCST12381	UCCSF12381	0,34	0.76
14	171,22	6.741	170,20	6.701	79,30	3.122	30		UCCST1430	UCCSF1430	0,44	0.97
							35		UCCST1435	UCCSF1435	0,43	0.95
							40		UCCST1440	UCCSF1440	0,42	0.92
							1		UCCST14254	UCCSF14254	0,44	0.98
							1 1/16		UCCST14301	UCCSF14301	0,44	0.96
							1 1/4		UCCST14317	UCCSF14317	0,46	1.01
							1 3/8		UCCST14349	UCCSF14349	0,43	0.94
							1 7/8		UCCST14365	UCCSF14365	0,43	0.94
							1 1/2		UCCST14381	UCCSF14381	0,43	0.94

*Diameter is indicated.

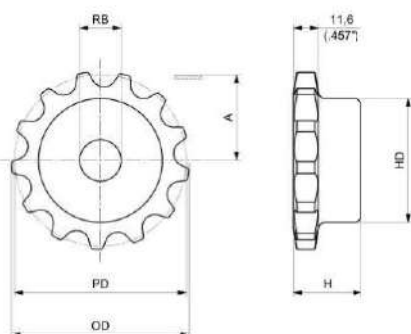
** Imperial round bore drive sprockets are supplied with setscrew. Metric round bore drive sprockets are supplied without setscrew.

SUITABLE FOR CHAINS:

• UCC138

MATERIALS

SPROCKETS: **S** CARBON STEEL



MACHINED SOLID SPROCKETS

N. TEETH	PITCH DIAMETER PD		OUTSIDE DIAMETER OD		WEAR STRIP POSITIONING A		HD		H		BORE SIZE*		PART NUMBER ROUND BORE RB	WEIGHT	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		Kg	lbs
9	55,70	2.193	56,9	2.24	19,20	0.756	32	1.26	30	1.18	12	0.47	CMA021380900	0,31	0.68
11	67,62	2.662	69,5	2.74	25,15	0.990	45	1.77	35	1.38	14	0.55	CMA021381100	0,57	1.26
13	79,60	3.134	81,9	3.22	31,15	1.226	57	2.24	35	1.38	14	0.55	CMA021381300	0,87	1.92
15	91,63	3.607	94,2	3.71	37,17	1.463	69	2.72	35	1.38	14	0.55	CMA021381500	1,24	2.74
17	103,67	4.081	106,5	4.19	43,19	1.700	80	3.15	35	1.38	16	0.63	CMA021381700	1,63	3.60
19	115,74	4.557	118,8	4.68	49,22	1.938	80	3.15	35	1.38	16	0.63	CMA021381900	1,82	4.01
21	127,82	5.032	131,0	5.16	55,26	2.176	90	3.54	40	1.57	20	0.79	CMA021382100	2,48	5.47
23	139,90	5.508	143,2	5.64	61,30	2.413	90	3.54	40	1.57	20	0.79	CMA021382300	2,71	5.98
25	152,00	5.984	155,4	6.12	67,35	2.652	90	3.54	40	1.57	20	0.79	CMA021382500	2,97	6.55

*Diameter is indicated (plain bore).