FlatTop Catalog

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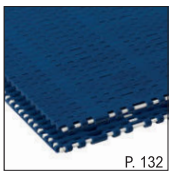
MatTop Products

Issue 16

MatTop Chains

Solid Top Chains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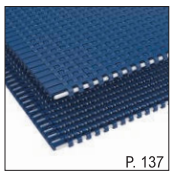
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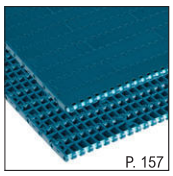
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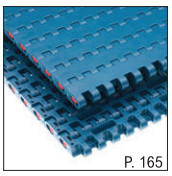
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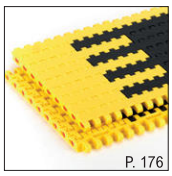
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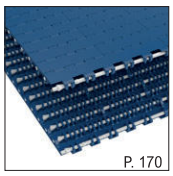
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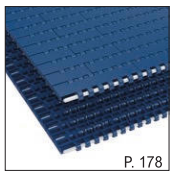
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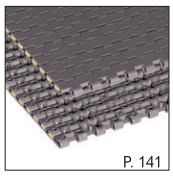
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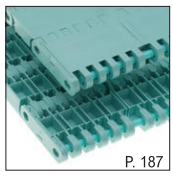
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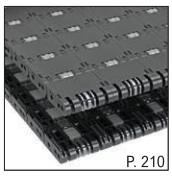
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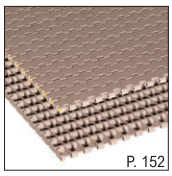
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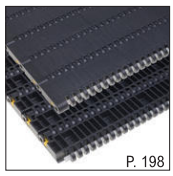
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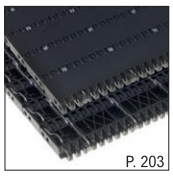
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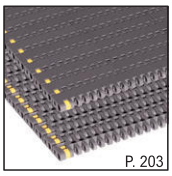
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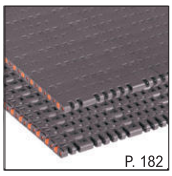
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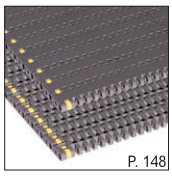
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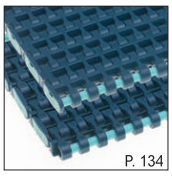
Perforated Top Chains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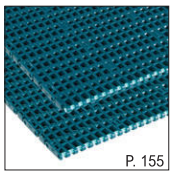
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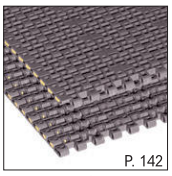
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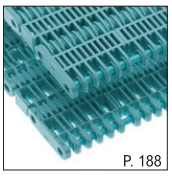
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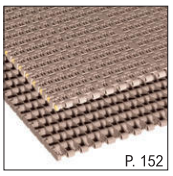
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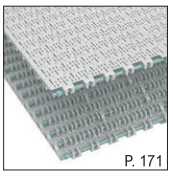
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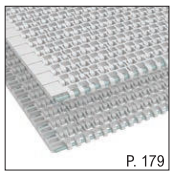
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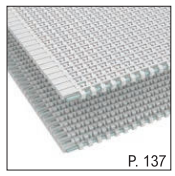
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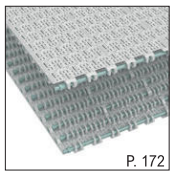
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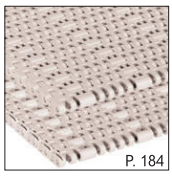
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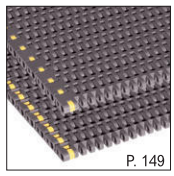
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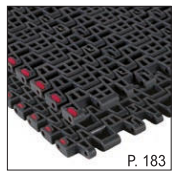
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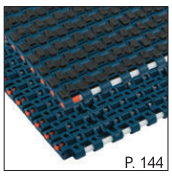
RubberTop Chains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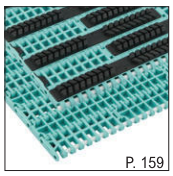
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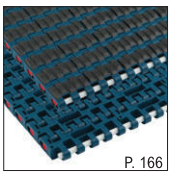
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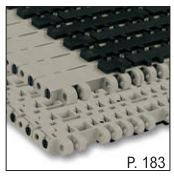
3185 RT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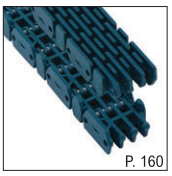
MatTop Chains

Raised Rib Chains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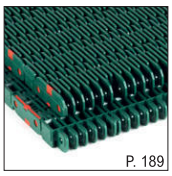
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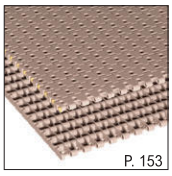
Vacuum Holes Chains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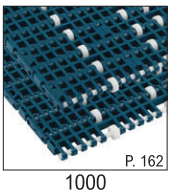
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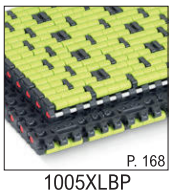
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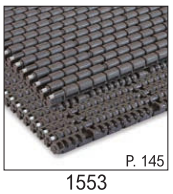
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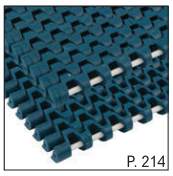
Perforated TopSide-Flexing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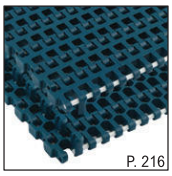
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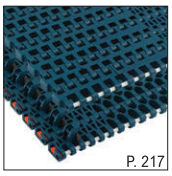
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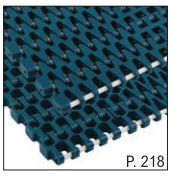
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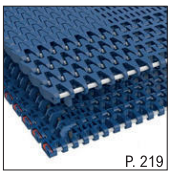
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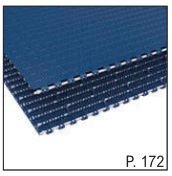
Perforated Nub Top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Textured Top


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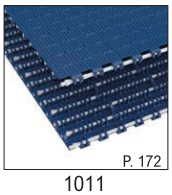
Textured Top 2011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Safety Top


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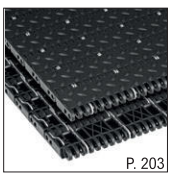
6999 ESD4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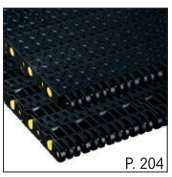
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3129

With a large variety of MatTop executions and materials Rexnord has got a conveying solution for virtually any application, especially in combination with the huge TableTop chain progamme. The Rexnord brand has set a standard for modular conveyor belts in beverage industry and now the cleanable designs and specific accessories make several Rexnord MatTop series very suitable for food industry as well. Also in many other industries, such as container making, pharmaceutical and automotive, lines are equipped with Rexnord MatTop chains.
MatTop chains offer a reliable drive concept, using Rexnord great experience in chain drive technology.
The design of both belt and sprocket make a perfect combination meeting high standards for tooth and belt engagement, belt release from the sprocket and allowable elongation. Rexnord MatTop chains are also known for their clever pin retention systems, which make them very easy to install and maintain.

MatTop Chains

The range of MatTop chains varies from ½-inch small pitch sideflexing executions to 2½-inch pitch straight running heavy duty solutions. The different series are offered in many variations to suit any application:

Solid Top/Flat Top
A fully closed surface is used if products require maximum support, due to their vulnerability or unstability, and if small particles, such as broken glass, bolts and nuts, bones or the product itself, could get stuck in the surface of the belt, possibly damaging or jamming the product or the belt.

Perforated Top/Flush Grid
An open area surface is used to allow water- or airflow through the belt and to remove debris, making sure the contact surface between the belt and the conveyed product stays clean. Pollution is washed out in a regular cleaning program. The open area varies per belt type.

Raised Top/Raised Rib
If (unstable) products need to be conveyed onto or from a belt or chain, Raised Top belts and fingerplates are suitable. The fingers of the transfer plate reach into and below the surface of the ribs of the belt. Fingerplates are available with longer and shorter fingers; short fingers are normally used in case of a risk of broken glass.

Vacuum Top
Vacuum conveyors are mainly used for can making or empty can handling in beverage plants. Small holes in a Solid Top belt enable to handle the empty cans by means of a vacuum underneath the belt.

Rubber Top/SuperGrip
On inclined and declined conveyors packs or crates can be handled smoothly using surfaces with rubber, moulded on top of a specially prepared module using either over-moulding or 2-component technology, ensuring 100% secure bonding. Rubber Top chains can be used up to an angle of 20 degrees, depending on the pack style and material.

Low Backline Pressure (LBP)
Handling accumulated products (cardboard cases, shrink-wrapped packs, flat based crates, tires, etc.) LBP chains are the best choice. XLBP1005 chains are recommended for shrink-wrapped packages without solid (cardboard) base and small packages, while LBP7703 is the best choice for (cardboard) cases, shrink-wrapped packs with a cardboard bottom and larger products. Both executions guarantee optimum product protection and low noise operation.

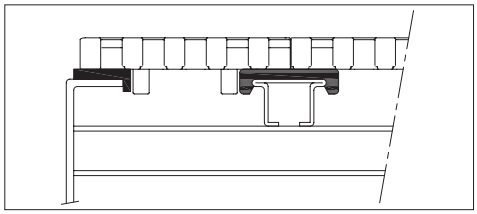
Sideflexing
This belt range offers a solution for almost any curved application.

Metric and imperial widths

Most belt series are available in either metric or imperial widths. Metric width has developed as the standard of the (European) beverage industry, following the standard 85 mm pitch between different strands of slatband chains.
This enables a high level of standardization between TableTop and MatTop conveyor design. Imperial widths, mainly used in the North American market, are the standard in many applications outside (European) beverage industry.

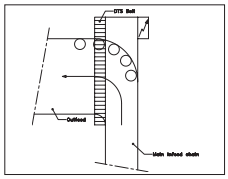
Positrack guiding system

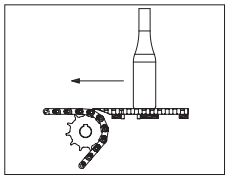
In several MatTop series Rexnord offers Positrack or Tab guiding. This system consists of two lugs underneath the belt, offering an easy way to guide it in the conveyor. Positrack has advantages if lateral forces apply, as on side transfers of beverage containers and products entering from the side otherwise.
The system retains the belt on the conveyor frame without the need for additional wearstrips at the sides.
The lugs are usually situated on one side only (double Positrack) allowing for belt expansion without interfering with the accurate guiding of the belt.



Dynamic Transfer System (DTS/FreeFlow)

The DTS® option makes it possible to construct self-clearing 90-degree transfers on which no products are left behind, avoiding the use of dead plates. A narrow DTS or FreeFlow belt is often used next to the main conveyor belt. Due to the constant moving belt underneath the product, pressure between the products, and therefore noise and product damage, is minimized in comparison with dead plate transfers. This system is available on 1500, 8500, 1000, 1005 and 7700-series.





Flights and sideguards

In several series flights and sideguards can be selected. Due to the great variety in positioning of these accessories these belts don't have fixed codes.
On the product page a table is added explaining the possibilities; examples are given how to make a description for the desired product configuration.

Application

Straight Running Belt Serie Type	Pitch	Small Products (Packs)	Glass handling	PET handling	Can handling	Pack handling	Pack accumulation	Pack incline conveyors	Pasteurizer, warmer, cooler	Accumulation Tables	Crates, bread tins	Direct food contact	Blancher, cooker, cooler	Loose food incline conveyors	Cutting	Automotive
390	8mm	■										■				
500	½"	■			■											
590	½"	■										■		■		
1500	15 mm	■	■	■	■			■				■		■	■	
8500	¾"	■	■	■	■				■	■		■		■		■
5930	¾"	■			■											
1000	1"		■	■	■	■		■	■	■		■		■		
1005	1"		■			■	■	■			■					■
1010	1"											■		■	■	
1090	1"					■						■		■	■	
7700	1"		■			■	■	■	■		■					■
2000	2"								■	■			■			
2010	2"											■		■	■	
6990	2¼"															■
2500	2½"								■	■						
3120	3"															■

Application

SideFlexing Belt Types Type	Pitch	Small packages	Standard packages	180-Degree conveyors	High-speed conveyors	Small radius	Crates, bread tins	Incline conveyors	Direct food contact
505	½"	■							■
1255	1¼"		■					■	■
1265	1¼"			■	■		■		
1275	1¼"		■			■			■
1285	1¼"			■	■	■	■		
7956	1¼"		■	■	■		■		

Application

Material	Mass handling	Inliner standard	Inliner / high-speed / PET	Abrasive wet	Abrasive dry	Static electricity sensitive (dry)	Chemicals, strong cleaning agents	Direct food contact (FDA approved)	Cutting	High temperatures	Freezing	General conveying food industry	Automotive
LF	■	■						■			■		
XLG	■	■						■			■		■
PSX	■	■	■	■	■			■			■		■
BWX					■								
DKA				■	■								
AS						■							
XP/HT							■	■		■			■
WSM*								■	■		■		
WHT*								■		■		■	
WLT*								■			■	■	
BSM/BYSM								■			■		■
Dry-PT for PET	■	■	■	■	■	■		■			■		■
HTX	■	■	■	■	■	■		■		■	■		■
FRPLUS	■	■	■	■	■	■		■		■	■		■

* For different colours of similar materials (e.g. SMB, BHT, etc.) the same recommendations apply. Not all materials are available in each belt series, but for specific applications the best materials are chosen.*) For individual application advice consult your local technical support representative.

Optional | Best choice

Rexnord continuously develops solution-oriented, innovative conveyor products and components to meet the increasing performance demands of high-speed and mass-flow conveyors in the beverage and food industries. Our Rexnord® 390 Series MatTop® Chain provides an optimized design for tight transfer conveyors (“knife edge”).

Chain-sprocket engagement:

- Runs on positive drive sprockets including round shaft bores
- Fixed sprocket positions ensure optimal engagement and reduce installation time
- The chain and sprocket tooth design ensures an optimal chain-sprocket engagement

This prevents the chain from jumping on the teeth when light or heavy load is applied in case of high or low tension of the chain around the sprocket.

Industry-leading chain performance

The Rexnord 395 MatTop Chain is designed to offer highest reliability and durability in the most critical applications. This is achieved by a combination of high load capacity, high stiffness and optimal chain-sprocket engagement, even when there is low back tension.

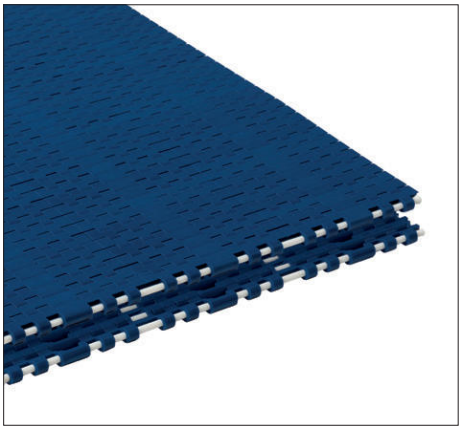
Conveyor equipped with Rexnord 395 Series KleanTop Belt.

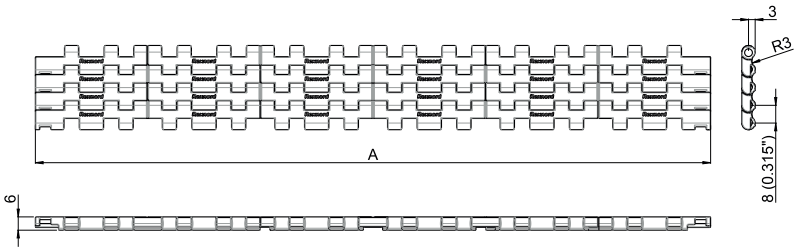
Product Information

- Class-leading strength of 500 lbs/ft (7300 N/m)
- Imperial width steps of 2 inches (50.8 mm) and metric width steps of 3.3 inches (85 mm)
- Suitable for speeds up to 164 ft/min (50 m/min)
- Easy but reliable pin retention system
- High stiffness
- Materials approved for direct food contact
- Suitable for nose bar of 6 mm

Conveyor equipped with Rexnord 395 Series KleanTop Belt.

FlatTop 395





see below

Rexnord 390 Series MatTop Chain Material (Imperial) Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
SMB395-XXIN	SMB (blue)	PBT	500 / 7300	1.2 / 5.7	0.2 / 3.0	4 to 80 / 4 to 65	
WSM395-XXIN	WSM (white)	PBT	500 / 7300	1.2 / 5.7	0.2 / 3.0		
HP395-XXIN	HP (grey)	PBT	500 / 7300	1.2 / 5.7	0.2 / 3.0		
PSX395-XXIN	PSX (grey)	PBT	500 / 7300	1.2 / 5.7	0.2 / 3.0		

General information:

- The Rexnord 395 MatTop Chain is offered in flat top surface execution
- **(A)** Nominal standard width of the (imperial) Rexnord 395 MatTop Chain is 6 IN and available with increments of 2 IN up to 120 IN

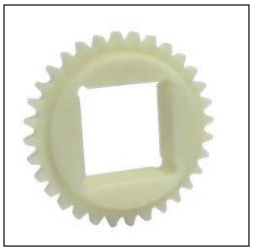
Rexnord 390 Series MatTop Chain Material (Metric) Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
XLG395-XXMM	XLG (blue)	PBT	500 / 7300	1.16 / 5.7	0.2 / 3.0	4 to 80 / 4 to 65	
PSX395-XXMM	PSX (grey)	PBT	500 / 7300	1.16 / 5.7	0.2 / 3.0		

General information:

- The Rexnord 395 MatTop Chain is offered in flat top surface execution
- **(A)** Nominal standard width of the (metric) Rexnord 395 MatTop Chain is 255 mm and available with increments of 85 mm up to 3600 mm

Number of Teeth	Pitch Diameter		Outside Diameter		Bore Diameter							
					Round				Square			
					in		mm		in		mm	
	in	mm	in	mm	min	max	min	max	min	max	min	max
KU 390 Series Sprocket												
24	2.4	61	2.4	63	3/4	1	20	30	1	1	25	30
32	3.2	83	3.2	83	3/4	1.5	20	30	1	1.5	25	40
36	3.6	92	3.6	93	3/4	1.5	20	40	1	1.5	25	40



Rexnord KU390-32T 40MM S PA

The 500-Series ½-inch pitch belt offers the smallest pitch available in the market. This pitch makes this belt very suitable for handling small or unstable products requiring small inline transfers, such as infeed conveyors of packaging equipment and can manufacturing. As a standard the belts are supplied in low friction acetal.

Features

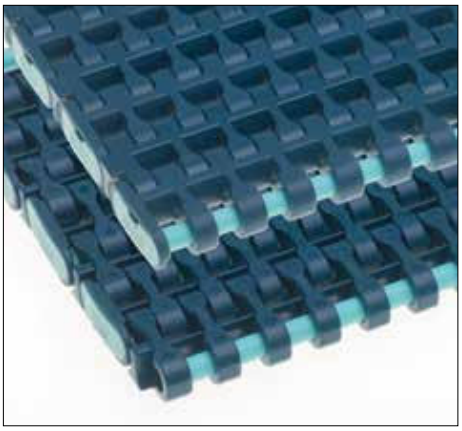
- Perfect product handling due to very small pitch ensuring smooth operation and low friction acetal.
- The small 12.7 mm pitch reduces chordal action and permits the use of small or no dead plates at inline transfers.
- Rounded outside edges for better side transfers and improved product handling.
- Pin retention system with clips allows easy pin access for installation and maintenance.

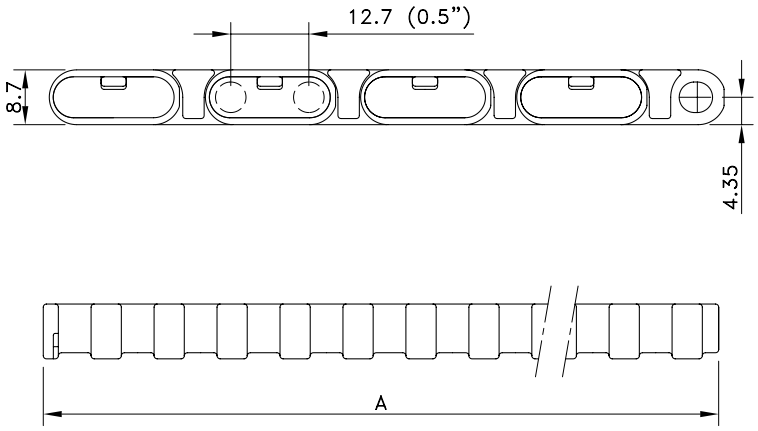
Conveyor with 500 belt.

Programme	
500 Flush Grid	16% Open area; this guarantees optimum water- and airflow and allows pollution to fall through and maintain a clean contact surface between products and the belt; suitable for amongst others can making and can processing
Positrack	Small lugs on one or both sides of the belt, to ensure a superior guiding of the belt even on long conveyors and at side transfers. Positrack is also recommended on 85 mm wide single track belt executions

Conveyor with 500 belt.

Flush Grid 500

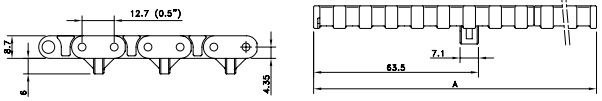




See below

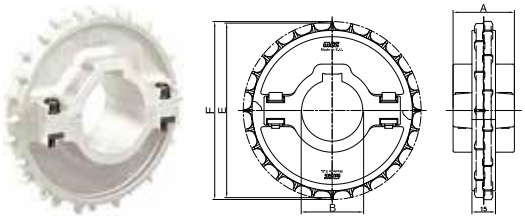
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal With Polypropylene Pins							
STANDARD	FG 500 XLG	857.40.xx	4 to 80	4 to 65	13000	6.00	8
POSITRACK LEFT	FGP 500 XLG	874.05.xx					
POSITRACK RIGHT	FGP 500 XLG	874.06.xx					
POSITRACK TWO SIDES	FGP 500 XLG	874.04.xx					

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm.
See page 208 for all code numbers. Cut to width options upon request.

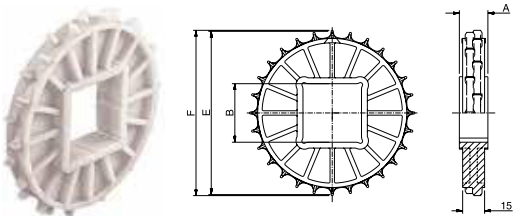


Left: Flush Grid 500 Belt With Positrack
Right: Positrack

Split Sprockets



Classic Sprockets



Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Round Bores						
NS500-28T_30MM_1KW_PA	10302795	28	30 mm	113.4	113.4	39
NS500-28T_40MM_1KW_PA	10148194	28	40 mm			
NS500-28T_1-1/2IN_1KW_PA	10148196	28	1.5"			
Square bores						
NS500-28T_40MM_S_PA	10148195	28	40 mm	113.4	113.4	39
NS500-28T_1-1/2IN_S_PA	10328184	28	1.5"			
Classic sprockets						
Round Bores						
N500-16T_25MM_2KW_PA	10148170	16	25 mm	65.2	65.2	20
N500-16T_30MM_2KW_PA	10334318	16	30 mm			
N500-28T_25MM_2KW_PA	10148166	28	25 mm	113.4	113.4	
N500-28T_30MM_2KW_PA	10148167	28	30 mm			
N500-28T_40MM_2KW_PA	10148165	28	40 mm			
N500-28T_1-1/2IN_2KW_PA	10148169	28	1.5"			
N500-38T_40MM_2KW_PA	10148164	38	40 mm	153.8	153.1	
Square Bores						
N500-28T_40MM_S_PA	10148168	28	40 mm	113.4	113.4	20
N500-28T_60MM_S_PA	10334323	28	60 mm			

Food processors require conveying systems that are tailored to the unique needs of the industry and individual applications.

Too often, conveyor belt manufacturers develop products that serve a variety of industries, forcing food processors to make small compromises that could affect operations and product quality. With these challenges in mind, Rexnord created the 590 Series KleanTop™ belt. Unlike similar belts on the market, the 590 Series was designed for the food industry, offering the optimal combination of ease in cleaning, transfer capability, and belt strength.

Superior Industry Performance

Given the combination of features and benefits, the Rexnord 590 Series KleanTop provides superior performance in food conveying applications for the following food processors:

- Baking
- Snack Food
- Fruit and Vegetable
- Seafood
- Poultry

Conveyor equipped with Rexnord 595 Series KleanTop Belt.

Product Information

- Plastic modular belt available in minimum width of four inches and increments of a half-inch.
- Flush grid version available with 25 percent open area.
- Machined sprockets available in 18- and 24- and 36-teeth execution in both single piece (KU) and split (KUS) designs.
- Available in FDA-approved white and blue materials for visual contrast and identification.

Conveyor equipped with Rexnord 596 Series KleanTop Belt.

Flat Top

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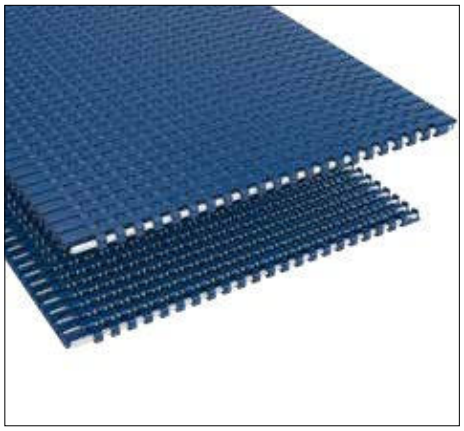
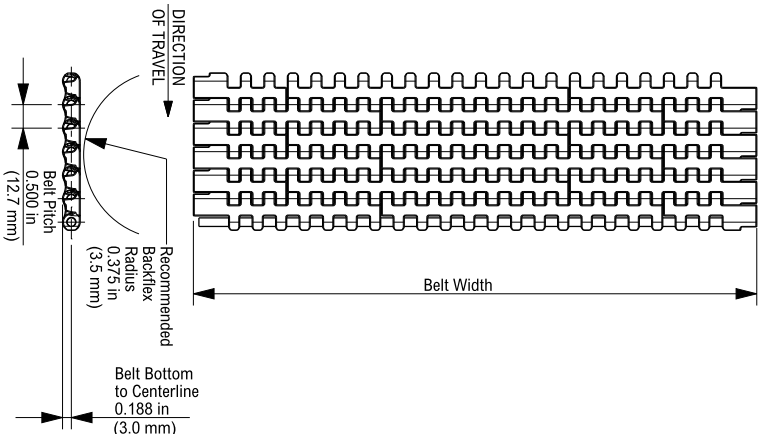




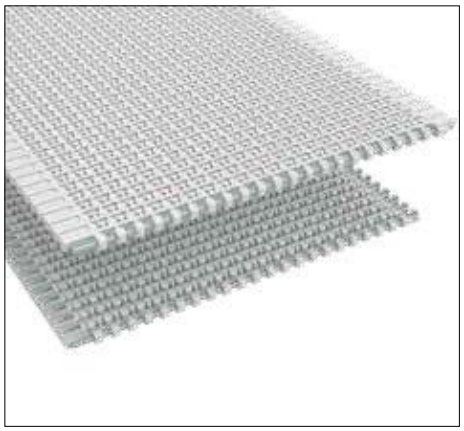
Rexnord 590 Series KleanTop Chain Overview

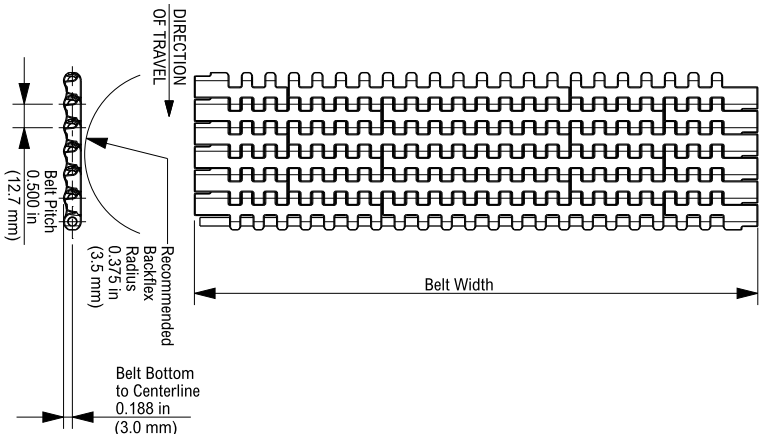
Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range ºC	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
SMB595-XXIN	SMB (Blue)	PBT	1.100 / 16.048	1.59 / 7.76	0.375 / 9.5	-40 /82	-40 / 66
WHT595-XXIN	WHT (White)	PBT	700 / 10.213	1.02 / 4.98		4 / 104	4 / 100
BHT595-XXIN	BHT (Blue)	PBT	700 / 10.213	1.02 / 4.98		4 / 104	4 / 100

General information:

- Plastic modular belt available in minimum width of four inches and increments of a half-inch
- (A) Nominal standard width of the (imperial) Rexnord 590 MatTop Chain is 4 IN and available with increments of 0.5IN

Flush Grid

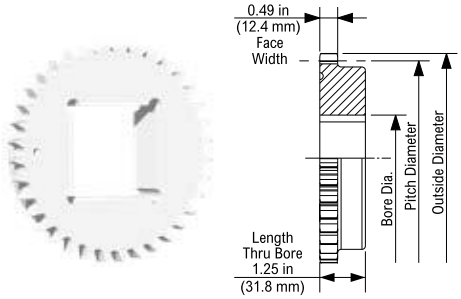




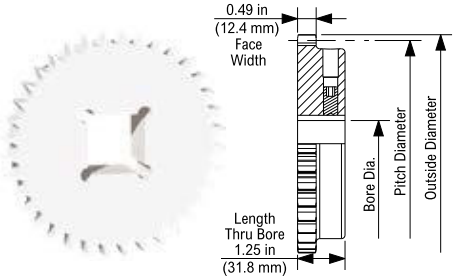
Rexnord 596 Series KleanTop Chain Material Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range ºC	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
SMB596-XXIN	SMB (Blue)	PBT	900 / 13.130	1.48 / 7.23	0.375 / 9.5	-40 /82	-40 / 66
WHT596-XXIN	WHT (White)	PBT	500 / 7295	0.95 / 4.64		4 / 104	4 / 100
BHT596-XXIN	BHT (Blue)	PBT	500 / 7295	0.95 / 4.64		4 / 104	4 / 100

KU590 Thermoplastic Sprocket



KUS590 Thermoplastic Split Sprocket



KU590 Thermoplastic Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
		in		mm		in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
19T	19T	3.0	77.2	3.0	76.7	1	1-7/16	25	35	1	1-1/2	25	38	1	1-3/4	25	45	0.18	0.08
24T	24T	3.8	97.3	3.8	97.2	1	1-3/4	25	45	1	1-19/32	25	40	1	2	25	50	0.34	0.16
28T	28T	4.5	113.4	4.5	113.9	1	2-1/4	25	55	1	2-1/4	25	55	1	3	25	76	0.54	0.24
36T	36T	5.7	145.7	5.8	146.4	1	3	25	75	1	3	25	75	1	4	25	102	1.00	0.45

KUS590 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Round)				Approximate Weight	
						Round				Square									
		in		mm		in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
36T	36T	5.7	145.7	5.8	146.4	1	2-3/4	25.0	70.0	1	2-1/2	25.0	60.0	1	2-3/4	25.0	70.0	1.05	0.47

Notes

www.rexnord.com
Please contact our Application Engineers at +31 174 445 111 for assistance with product selection.

The 1500-Series 15 mm pitch belt helps to eliminate container tipping and jam-ups at conveyor transfer points. These belts are designed to enable smooth inline nose-over and 90° transfers. 1500-series is available in open, closed and rubber top executions, of which last two in both imperial and metric widths. As a standard the belts are supplied in high-performance acetal and high-temperature resistant polypropylene for beverage applications.

Features

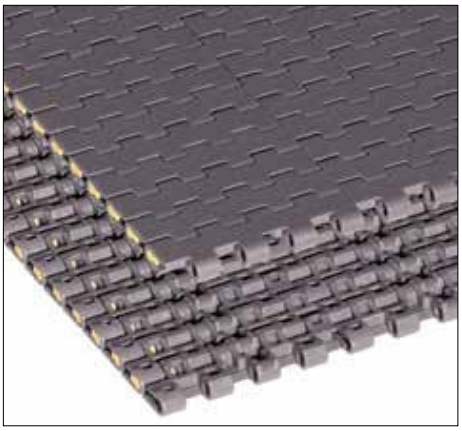
- The 15 mm pitch in combination with the curved underside of the belt reduces chordal action and permits the use of very short transfer plates or no transfer plates at all.
- The small pitch ensures perfect product handling, even for the most vulnerable products.
- Practical plug pin retention system allows easy installation and maintenance; metric executions have orange plugs, imperial versions have a yellow pin retention.
- Belt and sprocket design ensure optimum engagement and a reliable, bi-directional drive.

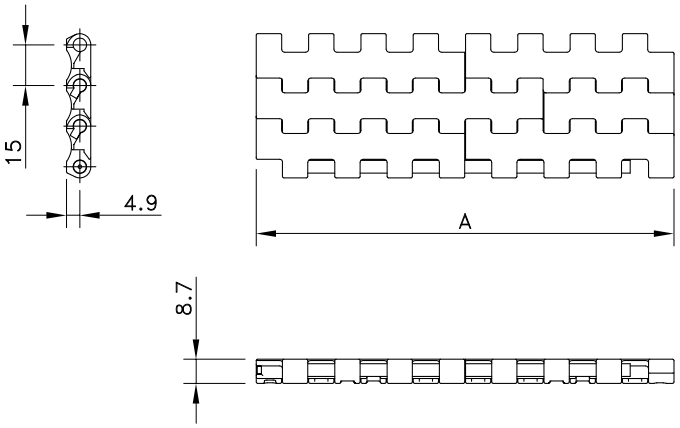
Wine Bottle Conveyor with 1505 Belt

Conveyor with SGDP1505 XP Belt

Programme	
1505 Flat Top	Closed surface; suitable for (instable) glass and PET containers and otherwise vulnerable products
1506 Flush Grid	26% Open area for optimum water- and airflow; suitable for amongst others can handling
1505 SuperGrip	Rubber Top for inclined and declined conveyors with packs and for metering applications; Positrack and 44 mm side-indent possible. Standard angles up to 20°
DTS®	Single module Dynamic Transfer System for left- or right-hand self-clearing 90° transfers to avoid dead plates; as a standard equipped with Positrack guiding
Positrack	Lugs for accurate guiding of the belt in the conveyor (metric execution and DTS only)
Chain accessories	Flights and sideguards for special applications in food industry (imperial executions only)
1553 Accessories	High-density LBP roller support. The Rexnord 1553 LBP MatTop Chain runs on standard Rexnord 1500 Series Sprockets, simplifying conveyor design

Flat Top 1505 Imperial Sizes





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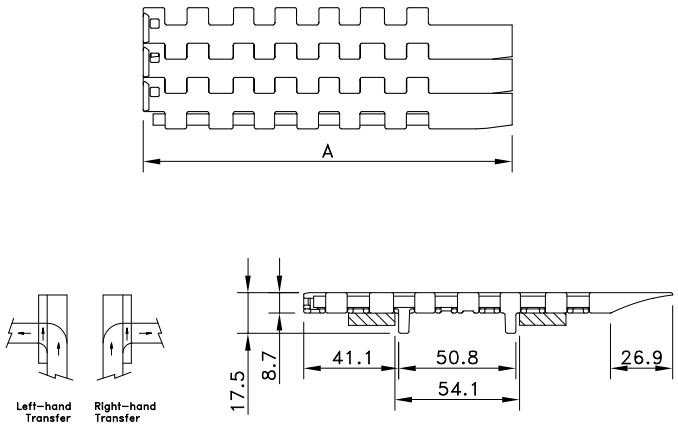
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with PBT pins							
Standard	HP 1505	I1505HPKxx	-40 to +80	-40 to +65	13200	6.24	25
DTS Left	HP 1505 DTS SX	81413971					
DTS Right	HP 1505 DTS DX	81414111					
HT-Polypropylene with Polypropylene Pins							
Standard	HT 1505	I1505HTKxx	4 to 104	4 to 104	7300	4.52	25
WHT-Polypropylene with PP Pins							
Standard	WHT 1505	I1505WHTKxx	4 to 104	4 to 104	7300	4.50	25
WSM-Acetal with PBT Pins							
Standard	WSM 1505	I1505WSMKxx	-40 to +80	-40 to +65	13200	6.20	25
SMB-Acetal with PBT Pins							
Standard	SMB 1505	I1505SMBKxx	-40 to +80	-40 to +65	13200	6.20	25
FRPLUS - High performance flame retardant polymer - Acetal Pins							
Standard	FRPLUS 1505	I1505FRPLUSKxx	-18 to +82	-40 to +65	7300	6.99	25

* In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 3" with 3" increments, or optionally ¾" up to 96". NOTE: 3¾" is impossible. Example: I1505HPK06.75 is a 6.75" wide belt. See also page 223.

If you need flights or sideguards, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	**WHT** or **WSM** or **SMB**	
Belt type	**1505**	
Width (A)	**K** - xx IN	
Flights	**F1** or **F2**	Standard height of 1" (25.4 mm), 2" (50.8 mm) or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row
Flight side-indent	**N..** (in inches)	Minimal 1 ⅞" (48 mm) with ¾" (19 mm) increments
Sideguards	**S2IN**	Standard height of 2"

Example: BLT 1505 -12IN_F50mm_T4P_N1.88IN_S2IN is a 1505 Flat Top belt, made of blue polyethylene, width 12", special 50 mm high flights on every 4th row at 1⅞" from the sides and 2" high sideguards.



Dynamic Transfer System (DTS®) 1500-Series Imperial

Flush Grid 1506 Imperial Sizes

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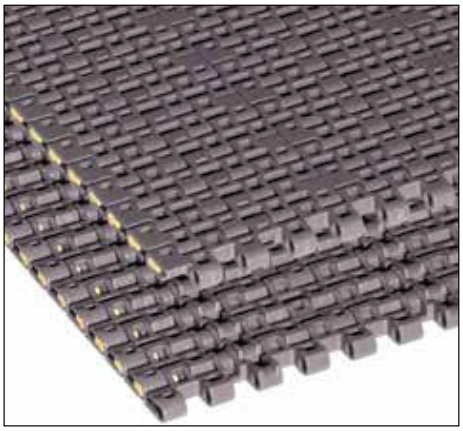
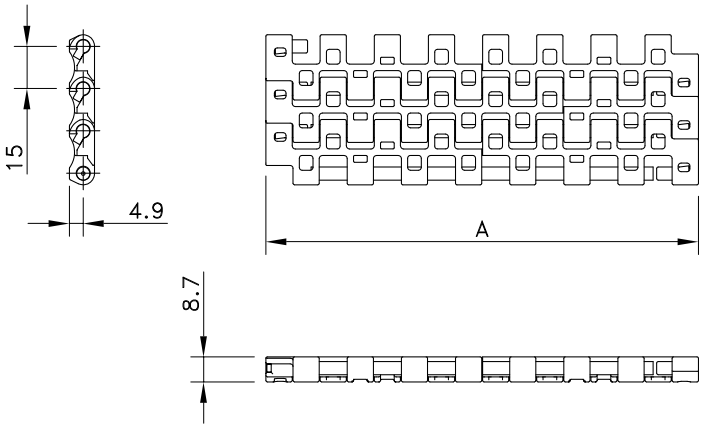




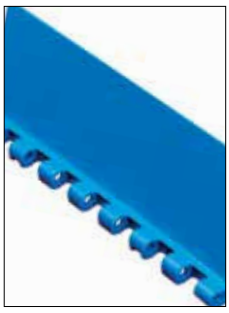
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with PBT Pins							
Standard	HP 1506	I1506HPKxx	-40 to +80	-40 to +65	13200	6.24	25
DTS Left	HP 1505 DTS SX	81413971					
DTS Right	HP 1505 DTS DX	81414111					
HT-Polypropylene with PBT Pins							
Standard	HT 1506	I1506HTKxx	4 to 104	4 to 104	7300	4.52	25
BLT-Polyethylene with Polyethylene Pins							
Standard	BLT 1506	I1506BLTKxx	-70 to +35	-70 to +35	2800	4.80	25
WHT-Polypropylene with PBT Pins							
Standard	WHT 1506	I1506WHTKxx	4 to 80	4 to 65	7300	4.50	25
BHT-Polypropylene with PBT Pins							
Standard	BHT 1506	I1506BHTKxx	4 to 80	4 to 65	7300	4.50	25
SMB-Acetal with PBT Pins							
Standard	SMB 1506	I1506SMBKxx	-40 to +80	-40 to +65	13200	6.20	25
FRPLUS-High performance flame retardant polymer - Acetal Pins							
Standard	FRPLUS 1506	I1506FRPLUSKxx	-18 to +82	-18 to +60	7300	6.93	25

* In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 3" (76.2 mm), with 3" increments, or optionally ¾" up to 120". NOTE: 3¾" is impossible. Example: I1506HPK06.75 is a 6.75'' wide belt. See also page 208.

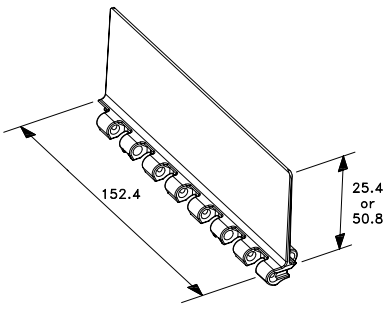
If you need flights or sideguards, describe the belt by choosing from the required options listed in the 2nd column of the table:

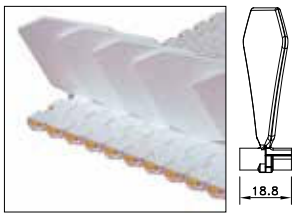
Material	**BLT** or **WHT** or **BHT** or **SMB**	
Belt type	**1506**	
Width (A)	**K**- xx IN	
Flights	**F1** or **F2**	Standard height of 1" (25.4 mm), 2" (50.8 mm) or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row
Flight side-indent	**N..** (in inches)	Minimal 1 ⅞" (48 mm) with ¾" (19 mm) increments
Sideguards	**S2IN**	Standard height of 2"

Example: WSM1506-6IN_F2IN_T05P_N0IN is a 1506 Flush Grid belt, made of white acetal, width 15¾", 1" high flights on every 8th row at 1⅞" from the sides and 2" high sideguards.

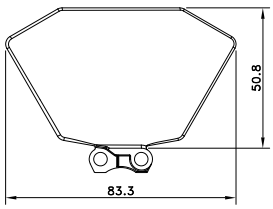


Flight for 1500-series imperial

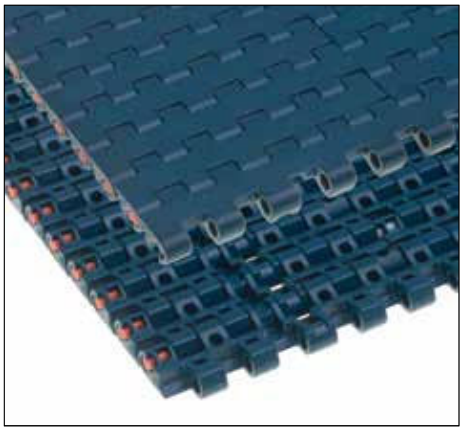


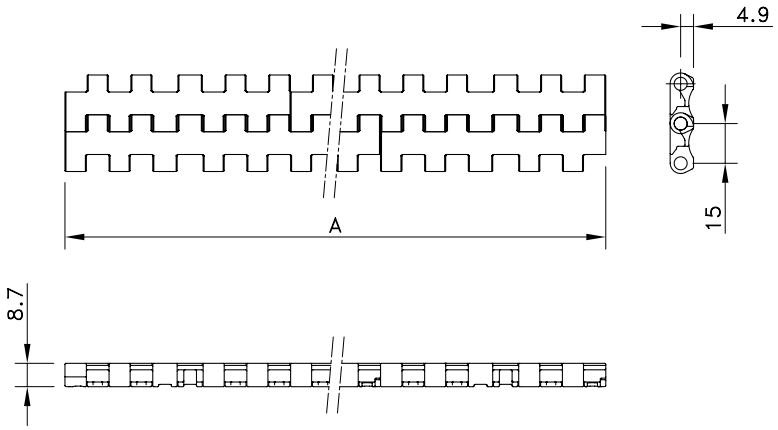


Sideguards for 1500-series imperial



FlatTop 1505 Metric Sizes





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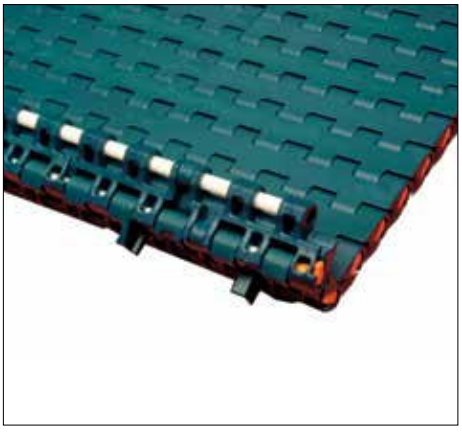
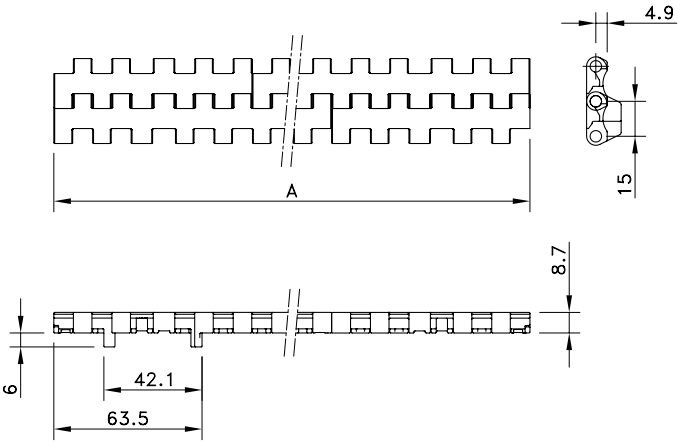
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	FT 1505 XLG	873.44.xx	-40 to +80	-40 to +65	13200	6.35	25
Double Positrack	FTDP 1505 XLG	873.54.xx					
PSX Advanced Performance Polymer Alloy with PBT pins							
Standard	FT 1505 PSX	873.77.xx	4 to 104	4 to 104	13200	4.49	25
Double Positrack	FTDP 1505 PSX	873.76.xx					
XP-Polypropylene with Polypropylene Pins							
Standard	FT 1505 XP	873.46.xx	4 to 104	4 to 104	7300	4.49	25
Double Positrack	FTDP 1505 XP	873.56.xx					
WSM-Acetal with PBT Pins							
Standard	WSM 1505 FT	873.48.xx	-40 to +80	-40 to +65	13200	6.35	25
Double Positrack	WSM 1505 FTDP	873.57.xx					
WHT-Polypropylene with PP Pins							
Standard	WHT 1505 FT	873.49.xx	4 to 104	4 to 104	7300	4.49	25
Double Positrack	WHT 1505 FTDP	873.58.xx					
Dry-PT - PBT Pins							
Standard	Dry-PT 1505 FT	I1505DRYPTFTxx	4 to 104	4 to 104	13200	4.49	25
Double Positrack	Dry-PT 1505 FTDP	I1505DRYPTFTDPKxx					
FRPLUS-High performance flame retardant polymer - Acetal Pins							
Standard	FRPLUS 1505 FT	I1506FRPLUSKxx	-18 to +82	-18 to +60	7300	6.99	25
Double Positrack	FRPLUS 1505 FTDP	I1506FRPLUSFTDPKxx					

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on in steps of 85 mm, up to 6120 mm; wider belts upon request. See page 208 for all code numbers. Cut to width options are possible.





Positrack 1505 Metric

Flat Top 1505 Supergrip

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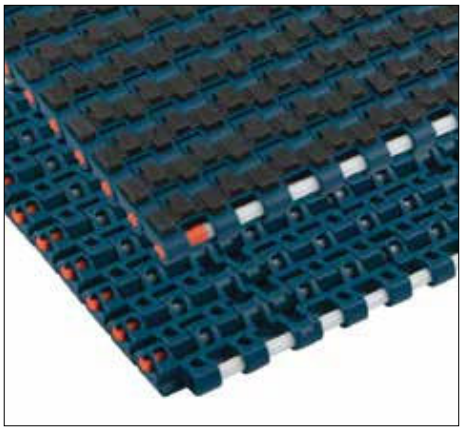
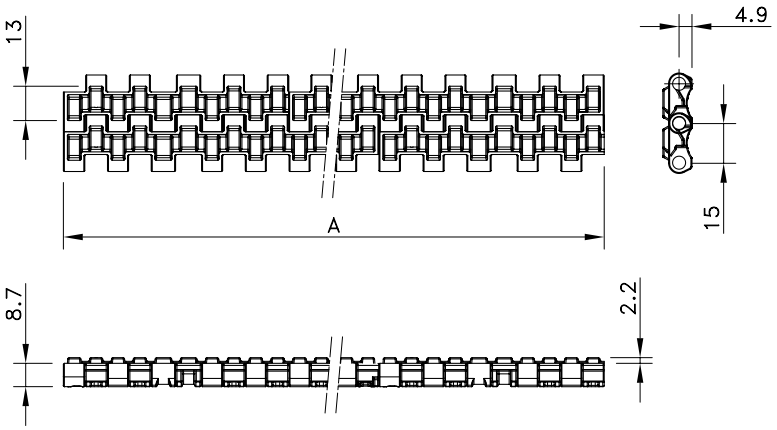
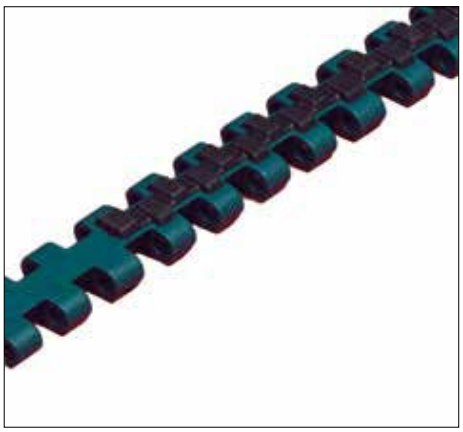




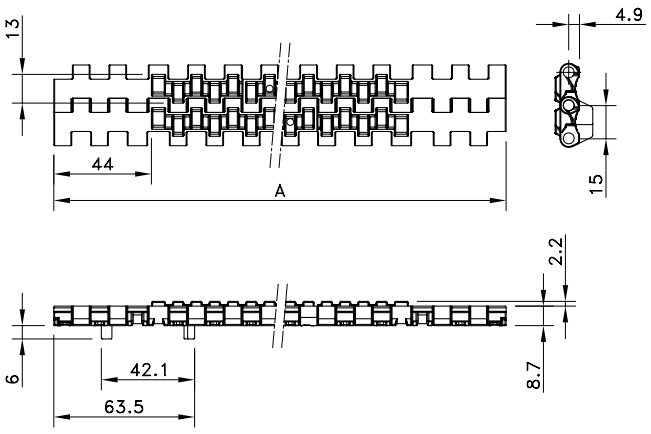
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	SG 1505 XLG	878.00.xx	-40 to +8 0	-40 to +65	13200	6.35	25
Double Positrack	SGDP 1505 XLG	878.12.xx					
Side-Indent	SGS 1505 XLG	878.01.xx					
Side-Indent Double Positrack	SGSDP 1505 XLG	878.13.xx					
XP-Polypropylene with PBT Pins							
Standard	SG 1505 XP	878.02.xx	4 to 80	4 to 65	7300	4.49	25
Double Positrack	SGDP 1505 XP	878.14.xx					
Side-Indent	SGS 1505 XP	878.03.xx					
Side-Indent Double Positrack	SGSDP 1505 XP	878.15.xx					
WSM-Acetal with PBT Pins							
Standard	SG 1505 WSM	878.06.xx	-40 to +80	-40 to +65	13200	6.35	25
Double Positrack	SGDP 1505 WSM	878.16.xx					
Side-Indent	SGS 1505 WSM	878.07.xx					
Side-Indent Double Positrack	SGSDP 1505 WSM	878.17.xx					
WHT-Polypropylene with PBT Pins							
Standard	SG 1505 WHT	878.04.xx	4 to 80	4 to 65	7300	4.49	25
Side-Indent	SGS 1505 WHT	878.05.xx					

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on in steps of 85 mm, up to 6120 mm. SuperGrip Side-indent versions start with 255 mm width. See page 208 for all code numbers. Cut to width options are possible. Side-indent in SuperGrip versions is 44 mm.

Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG,WSM) or 60 (WHT) shore A.

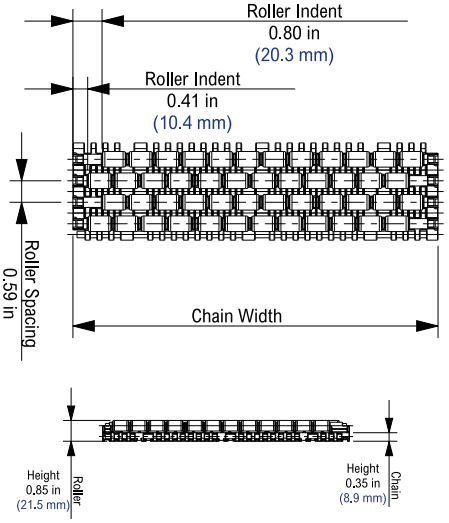


1505 Supergrip Side-Indent



1505 Supergrip Side-Indent with Positrack

1553



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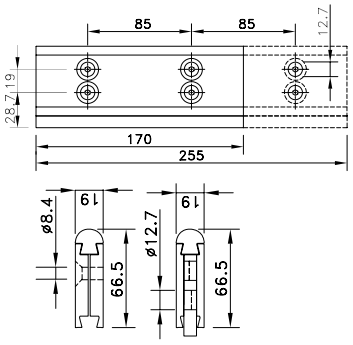
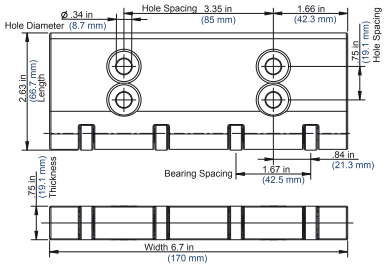
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with PBT pins							
Standard	HP 1553	HP1553-xx	-40 to +82	-40 to +66	13131	14.84	25.4

Tab guide 8500-series

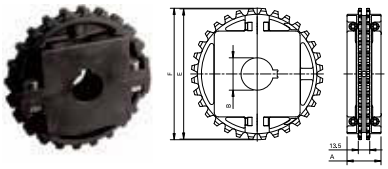




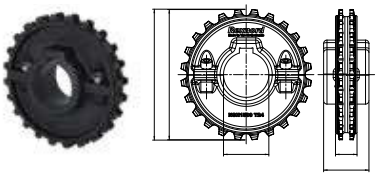
Specification drawing for the 170-millimeter width size (part number 10478853) of the 1500 Series MatTop Molded Dynamic Nose-over Bar.

Description	Part Number	Overall Length
Static Nose-over Bar ULF		
NOSE OVER 905 L6IN STANDARD ULF	10483148	6.0 in
NOSE OVER 905 L6IN LOW-PROF M6 ULF	10483150	6.0 in
NOSE OVER 905 L6IN L170MM M6 ULF	10476256	170 mm (M6)
NOSE OVER 905 L255MM M6 ULF	10476257	255 mm (M6)
Dynamic Nose-over Bar		
NOSEOVER ASSY 1500 DYN 6IN BWR	10478852	6.0 in
NOSEOVER ASSY 1500 DYN 3IN BWR	10478945	3.0 in
NOSEOVER ASSY 1500 DYN 170MM BWR	10478853	170 mm
NOSEOVER ASSY 1500 DYN 85MM BWR	10478976	85 mm

Split Sprockets NS1500

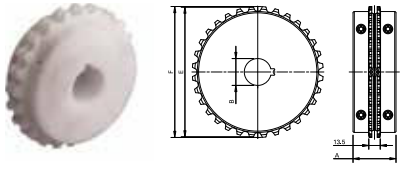


NSH - Hygienic Split Sprockets

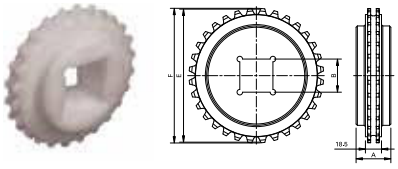


Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Diameter A
			mm	mm	mm	mm
Split molded sprocket NSH1500						
NSH1500-24T_30MM_1KW	10378150	24	30	114.9	115.5	40.0
NSH1500-24T_40MM_1KW	10378415	24	40			
NSH1500-32T_30MM_1KW	10378419	32	30	153.4	154.8	
NSH1500-32T_40MM_1KW	10378423	32	4 0			
NS1500 Not suitable in combination with FTDP, SGDP and SGSDP due to the Positrack lugs.						
Round Bores						
NS1500-24T_25MM_1KW_PA	10028510	24	25	114.9	115.5	40.0
NS1500-24T_30MM_1KW_PA	10028512	24	30			
NS1500-24T_35MM_1KW_PA	10331965	24	35			
NS1500-24T_40MM_1KW_PA	10028514	24	40			
NS1500-32T_25MM_1KW_PA	10331228	32	25	153.4	154.8	
NS1500-32T_30MM_1KW_PA	10028526	32	30			
NS1500-32T_35MM_1KW_PA	10331964	32	35			
NS1500-32T_40MM_1KW_PA	10028528	32	40			
Square Bores						
NS1500-24T_40MM_S_PA	10028516	24	40	114.9	115.5	40.0
NS1500-24T_60MM_S_PA	10333775	24	60			
NS1500-32T_40MM_S_PA	10028530	32	40	153.4	154.8	
NS1500-32T_60MM_S_PA	10028531	32	60			

Split Sprockets KU1500



Classic Sprockets KU1500



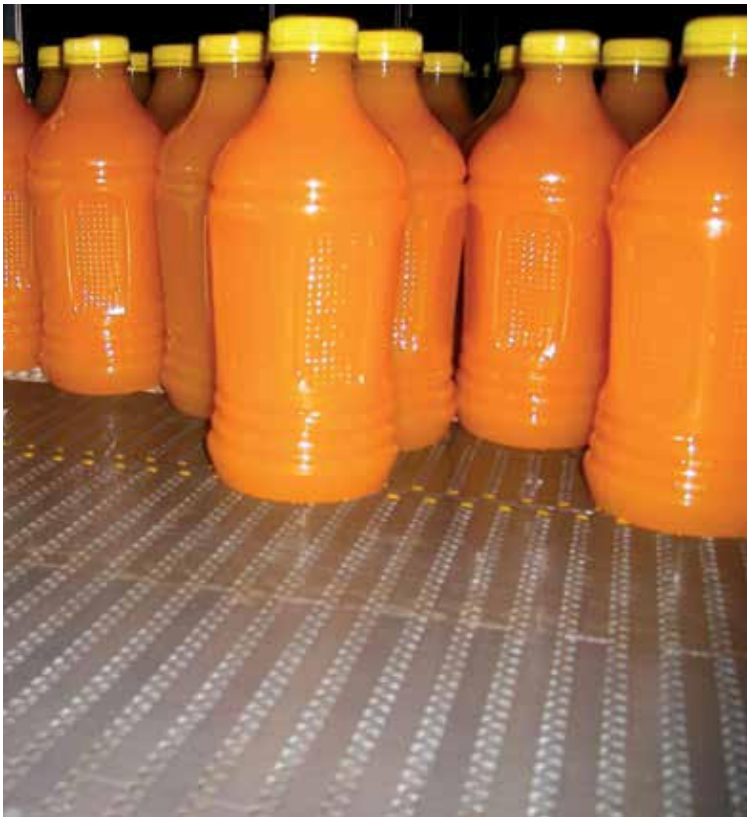
Split Sprockets 1505 Machined						
Round Bores						
KUS1500-24T_25MM_1KW_PA	10331141	24	25	114.9	115.5	50.8
KUS1500-24T_30MM_1KW_PA	10131508	24	30			
KUS1500-24T_35MM_1KW_PA	10331889	24	35			
KUS1500-24T_40MM_1KW_PA	10131510	24	40			
Classic Sprockets 1505 Machined						
Round Bores						
KU1500-12T_30MM_1KW_PA	10331359	12	30	58.1	58.2	24.1
KU1500-16T_30MM_1KW_PA	10331361	16	30	77.1	77.7	31.8
KU1500-24T_30MM_1KW_PA	10331371	24	30	114.9	115.5	40.0
KU1500-24T_40MM_1KW_PA	10332089	24	40			
KU1500-32T_30MM_1KW2SS_PA	10071092	32	30	153.4	154.8	40.0
KU1500-32T_40MM_1KW_PA	10332094	32	40			
Square Bores						
KU1500-24T_25MM_S_PA	10330971	24	25	114.9	115.5	40.0
KU1500-32T_40MM_S_PA	10332096	32	40	153.4	154.8	40.0

The 8500-Series ¾-inch pitch belt has several strong design features, making it suitable for amongst others beverage, packaging and food industry. The small belt pitch ensures a smooth operation. 8500-Series is available in a closed and an open execution. Mold-to-width executions are available with Tab guides for single line applications. As a standard the belts are supplied in high-performance acetal and in polypropylene.

Features

- Perfect product handling due to the small pitch and superior low friction HP material. The stiffness of the modules results in an optimum belt flatness.
- The small 19.05 mm pitch reduces the chordal action and permits the use of short transfer plates.
- Rounded outside edges for better side transfers and improved product handling.
- Twist-lock™ pin retention by means of a hinged plug prevents plug loss and allows easy pin access for installation and maintenance.
- 8500-Series belt is companioned by FTM 1060, FGM 1050 or FT 1050 chainbelts, to make a perfect match between straight running and sideflexing conveyors.

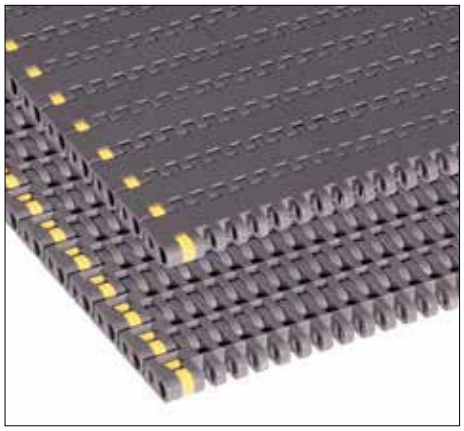
Empty 3-Piece cans on HP8506 K450 MTW

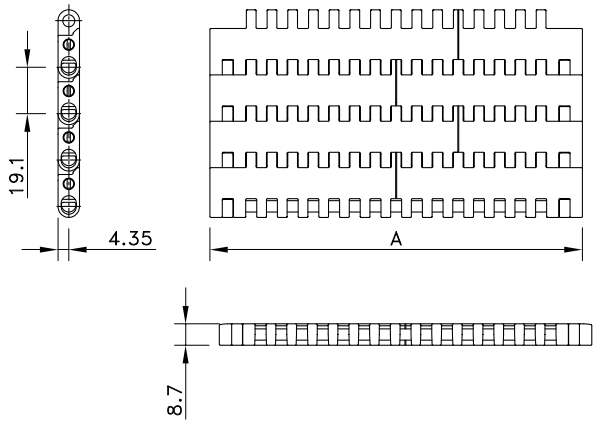


PET bottles on 8505 belt

Programme	
8505 Solid Top	Closed surface and high strength make it suitable for both glass and PET containers
8506 Perforated Top	22% Open area for optimum water- and airflow; suitable for amongst others can making and can processing environment
DTS®	Single module Dynamic Transfer System for left- or right-hand self-clearing transfers to avoid dead plates at 90° transfers; as a standard equipped with Positrack guiding
Belt Accessories	Flights, sideguards and hold-down tabs for special applications in food industry

Solid Top 8505





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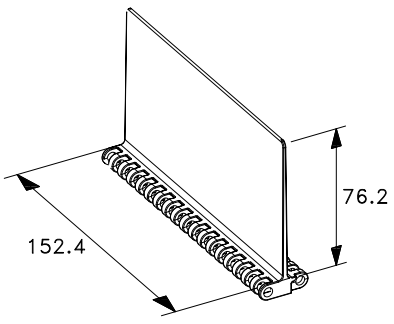
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with Polypropylene Pins							
Standard	HP 8505	I8505HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS Left/Positrack	HP8505DTS-4.5IN_MTW_PT_LH	10028436					
DTS Right/Positrack	HP8505DTS-4.5IN_MTW_PT_RH	10028437					
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 8505	I8505HTKxx	5 to 105	5 to 105	16000	5.96	25
FRPLUS - High performance flame retardant polymer - Acetal Pins							
Standard	FRPLUS 8505	I8505FRPLUSKxx	-18 to +82	-18 to +60	16000	9.77	25

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6", with 6" increments up to 120"; special widths begin at 2⅓" with ⅓" increments. See also page 208.

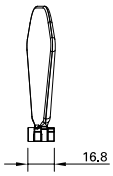
If you require flights, sideguards or tab guides, please describe the belt by choosing from the options listed in the **2nd column** of the table:

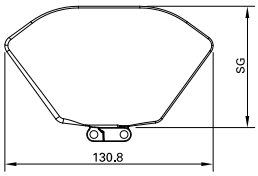
Material	**HP** or **WHT**	
Belt type	**8505**	
Width (A)	**K** - xx IN	Belts with flights have a minimal width of 6"
Flights	**F3** or **F2** or **F1**	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row; with sideguards it must correspond to an even number of rows
Flight side-indent	**N..** (in inches)	Any indent with increments of 0.25IN is possible
Sideguards	**SG2** or **SG1**	**Standard height of 2" or 1"**
Tab guides	**D..**	TAB1 is only one row; TAB2 is two rows
Distance between Tabs		Minimal 3" with increments of ⅔"
Pitch between Tabs	**D..P**	Must correspond to an even number of rows

Example: HP 8505 K16⅓ F3 T4P N2⅓ TAB2 D3 D4P is a 8505 Solid Top belt, made of dark grey acetal, width 16⅓", 3" high flights on every 4th row at 2⅓" from the sides, no sideguards and 2 rows of tabs with a distance in-between of 3" on every 4th row.



Flight 8500-series for inclined applications

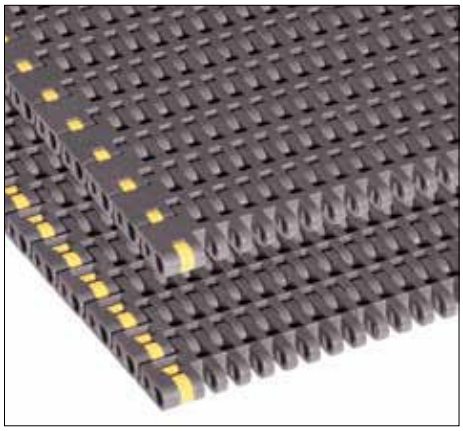


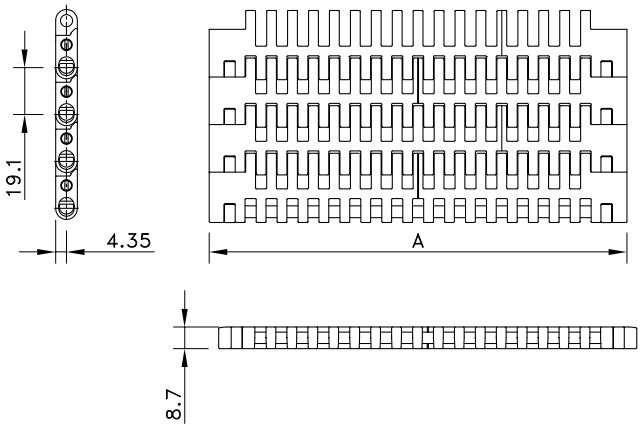


Sideguards 8500-series

Perforated Top 8506

P. 150





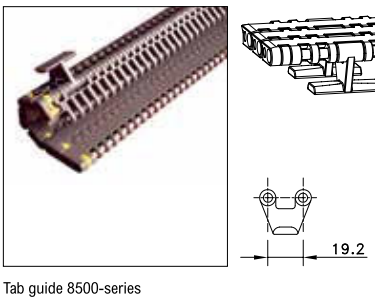
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with Polypropylene Pins							
Standard	HP 8505	I8506HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS Left/Positrack	HP8505DTS-4.5IN_MTW_PT_LH	10028436					
DTS Right/Positrack	HP8505DTS-4.5IN_MTW_PT_RH	10028437					
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 8506	I8506WHTKxx	5 to 105	5 to 105	16000	5.96	25
FRPLUS - High performance flame retardant polymer - Acetal Pins							
Standard	FRPLUS	I8505FRPLUSKxx	-18 to +82	-18 to +60	16000	9.67	25

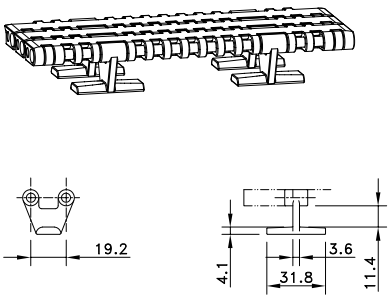
* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6", with 6" increments up to 120"; special widths begin at 2⅓" with ⅓" increments. See also page 208.

If you require flights, sideguards or tab guides, please describe the belt by choosing from the options listed in the **2nd column** of the table:

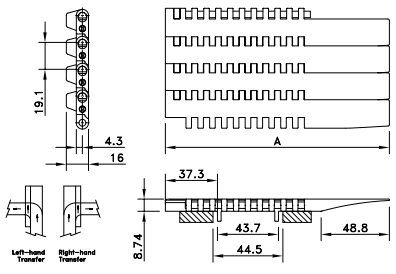
Material	**HP** or **WHT**	
Belt type	**8506**	
Width (A)	**K** - xx IN	Belts with flights have a minimal width of 6"
Flights	**F3** or **F2** or **F1**	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row; with sideguards it must correspond to an even number of rows
Flight side-indent	**N..** (in inches)	Minimal 1⅓" with ⅓" increments; in case of sideguards indents 1½" or 2¼" only
Sideguards	**S2IN / S3IN**	**Standard height of 3", 2"** or **1"**
Tab guides	**TAB1** or **TAB2**	TAB1 is only one row; TAB2 is two rows
Distance between Tabs	**D..**	Minimal 3" with increments of ⅔"
Pitch between Tabs	**D..P**	Must correspond to an even number of rows

Example: WHT 8506 K7.50 SG2 N1½ is a 8506 Perforated Top belt, made of white Polypropylene, width 7.5", 2" high sideguards at 1½" from the sides. No flights, tab guides and DTS.



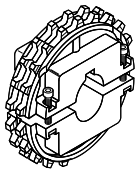


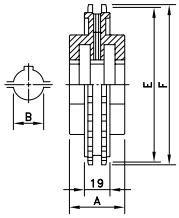
Tab guide 8500-series



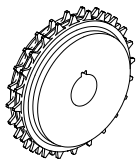
Dynamic transfer system 8500-series

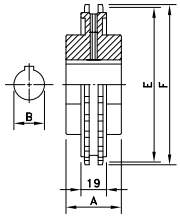
Split Sprockets





Classic Sprockets





Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm	mm	mm	mm
Split Sprockets						
Round Bores						
NS8500-17T_25MM_1KW_PA	10028670	17	25	104.7	105.4	39
NS8500-17T_30MM_1KW_PA	10028671	17	30			
NS8500-17T_35MM_1KW_PA	10331962	17	35			
NS8500-21T_25MM_1KW_PA	10028678	21	25	129.0	130.0	
NS8500-21T_30MM_1KW_PA	10028679	21	30			
NS8500-21T_35MM_1KW_PA	10331963	21	35			
NS8500-21T_40MM_1KW_PA	10028680	21	40			
NS8500-24T_25MM_1KW_PA	10028695	24	25	147.3	148.3	
NS8500-24T_30MM_1KW_PA	10028696	24	30			
NS8500-24T_35MM_1KW_PA	10331959	24	35			
NS8500-25T_25MM_1KW_PA	10028707	25	25	153.4	154.7	
NS8500-25T_30MM_1KW_PA	10019777	25	30			
NS8500-25T_35MM_1KW_PA	10331960	25	35			
Square Bores						
NS8500-17T_25MM_S_PA	10331199	17	25	104.7	105.4	39
NS8500-17T_30MM_S_PA	10331599	17	30			
NS8500-17T_35MM_S_PA	10370600	17	35			
NS8500-21T_25MM_S_PA	10331200	21	25	129.0	130.0	
NS8500-21T_40MM_S_PA	10028681	21	40			
NS8500-21T_60MM_S_PA	10187289	21	60			
NS8500-24T_25MM_S_PA	10331201	24	25	147.3	148.3	
NS8500-24T_35MM_S_PA	10376561	24	35			
NS8500-25T_25MM_S_PA	10331202	25	25	153.4	154.7	
NS8500-25T_30MM_S_PA	10331602	25	30			
NS8500-25T_35MM_S_PA	10370601	25	35			
Classic Sprockets						
Round Bores						
KU8500-24T_30MM_1KW_PA	10071597	24	30	147.3	148.3	35
KU8500-25T_50MM_1KW_PA	10332943	25	50	153.4	154.7	
Square Bores						
KU8500-17T_40MM_1KW_PA	10332361	17	40	104.7	105.4	35
KU8500-25T_40MM_1KW_PA	10332363	25	40	153.4	154.7	

The 5930-Series ¾-inch pitch belt is intended for light to medium loads in can manufacturing, can handling and food industry applications. The belts ensure a smooth operation. 5930-Series is available in a closed and an open execution.
As a standard the belts are supplied in polypropylene and acetal.

Features

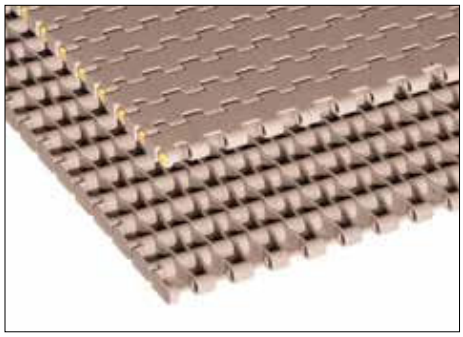
- The 19.05 mm pitch reduces chordal action.
- The small pitch permits the use of short transfer plates.
- Smooth edges and closed hinges ensure perfect product handling.
- Pin retention by means of one plugged end module and one blind end module.
- 5930-Series belts with flights, sideguards and hold-down tabs have been replaced by 8500-series; this series is identical in pitch, thickness and standard widths.

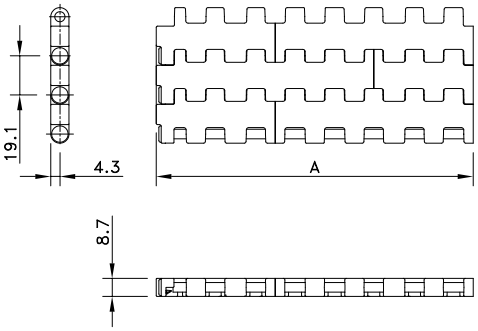
Programme	
5935 Solid Top	Closed surface; suitable for PET containers and otherwise lightweight products
5936 Perforated Top	16% Open area for optimum water- and airflow; suitable for amongst others can making and can processing
5935 Vacuum Top	Solid Top execution with small holes for amongst others vacuum conveyors in can manufac-turing lines

Can washer equipped with 5936 Series Chain

Empty cans on a 5935 Vacuum chain

Solid Top 5935





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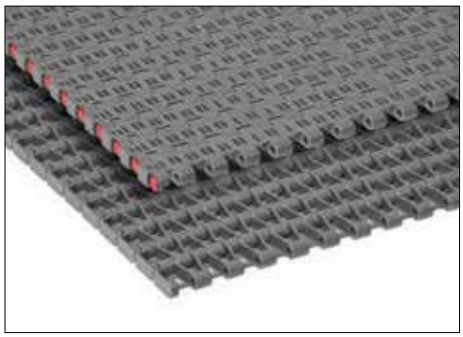
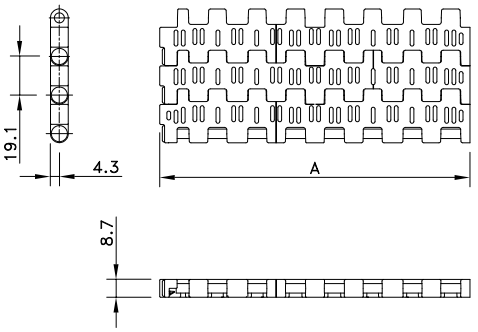
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal With Polyester Pins							
Standard	HP 5935	I5935HPKxx	-40 to +80	-40 to +65	13000	6.35	25
Standard	HP 5935 K24		-40 to +80	-40 to +65	13000	6.35	25
Standard	HP 5935 K48		-40 to +80	-40 to +65	13000	6.35	25
Standard	HP 5935 K96		-40 to +80	-40 to +65	13000	6.35	25
LF-Acetal with Polypropylene Pins							
Standard	LF 5935	I5935LFKxx	+4 to +80	-40 to +65	13000	6.35	25
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
Standard	HT 5935	I5935HTKxx	+4 to +104	+4 to +104	7000	4.92	25
FRPLUS - HIGH PERFORMANCE FLAME RETARDANT POLYMER WITH ACETAL PINS							
Standard	FRPLUS 5935	I5935FRPLUS	-18 to +82	-18 to +60	7000	6.99	25

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 3" increments up to 120"; special widths begin at 3" with ¾" increments. See also page 208.

Perforated Top 5936



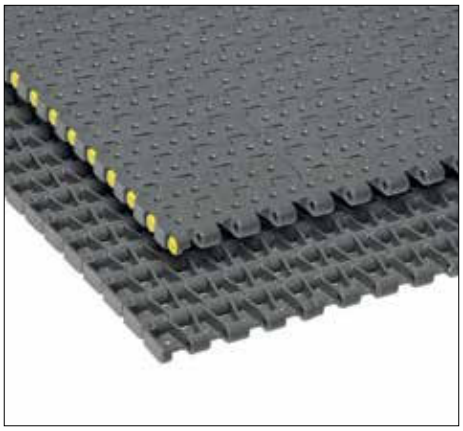


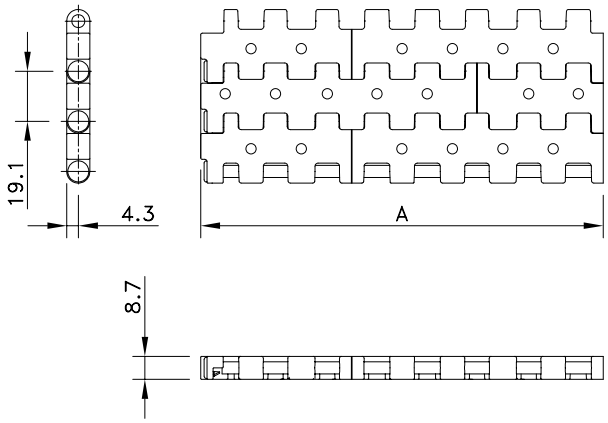
P. 154

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal With Polyester Pins							
Standard	HP 5936	I5936HPKxx	-40 to +80	-40 to +65	13000	5.90	25
Standard	HP 5936 K24	I5936HP653743	-40 to +80	-40 to +65	13000	5.90	25
Standard	HP 5936 K48	I5936HP653753	-40 to +80	-40 to +65	13000	5.90	25
Standard	HP 5936 K96	I5936HP653763	-40 to +80	-40 to +65	13000	5.90	25
LF-Acetal with Polypropylene Pins							
Standard	LF 5936	I5936LFKxx	+4 to +80	+4 to +65	13000	5.90	25
HT-Polypropylene With Polypropylene Pins							
Standard	HT 5936	I5936HTKxx	+4 to +104	+4 to +104	7000	4.49	25

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 3" increments up to 120"; special widths begin at 3" with ¾" increments. See also page 211.

Vacuum Top 5935



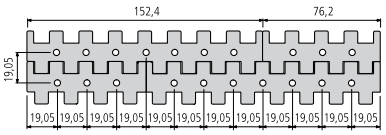


P. 154

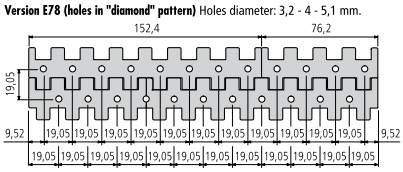
Assembly	Belt Type	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
		Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with Poypropylene Pins						
Standard	HP 5935 V	-40 to +80	-40 to +65	13000	6.35	25
LF-Acetal with Polypropylene Pins						
Standard	LF 5935 V	-40 to +80	-40 to +65	13000	6.35	25
HT-Polypropylene with Polypropylene Pins						
Standard	HT 5935 V	5 to 105	5 to 105	7000	4.92	25
FRPLUS - High performance flame retardant polymer - Acetal Pins						
Standard	FRPLUS 5935 V	-18 to +82	-18 to +60	7000	6.93	25

As the patterns of the holes will be made to order, these belts will be supplied upon request.

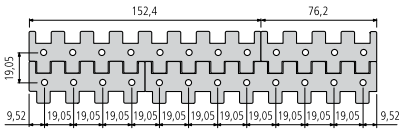
Version E7 (holes in line) Holes diameter: 3,2 - 4 - 5,1 mm.



Version E78 (holes in "diamond" pattern) Holes diameter: 3,2 - 4 - 5,1 mm.



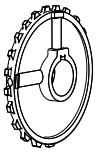
Version E8 (holes in line) Holes diameter: 3,2 - 4 - 5,1 mm.

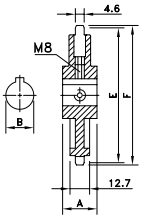


Hole Diameter		Hole Spacing		Holes per Module	Open Area
in	mm	in	mm		
1/8	3.18	3/8	9.53	15	6.2%
1/8	3.18	3/4	19.05	8	4.3%
9/64	3.57	3/4	19.05	8	4.9%
9/64	3.57	3/8	9.53	15	7.3%
5/32	3.97	3/4	19.05	8	5.5%
3/16	4.76	3/4	19.05	8	7.0%
7/32	5.56	3/4	19.05	8	8.8%
1/4	6.35	3/4	19.05	8	10.8%

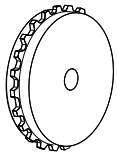
Standard hole sizes listed per 6 in (152.4 mm) module. All vacuum holes are centered on the chain.

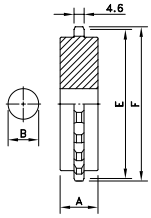
Classic Sprockets Moulded





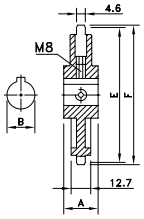
Classic Sprockets Machined





Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm	mm	mm	mm
Classic Sprockets Injection Moulded						
Round Bores						
N5936-10T_25MM_1KW2SS_POM	10028485	10	25	62.2	63.5	25
N5936-24T_25MM_1KW2SS_POM	10028491	24	25	147.3	149.2	
N5936-24T_30MM_1KW2SS_POM	10028492	24	30			
N5936-24T_35MM_1KW2SS_POM	10333740	24	35			
N5936-24T_40MM_1KW2SS_POM	10028493	24	40			
Square Bores						
N5936-24T_40MM_S_POM	10013547	24	40	147.3	149.2	25
N5936-24T_50MM_S_POM	10013549	24	50			
N5936-24T_65MM_S_POM	10013551	24	65			
N5936-25T_40MM_S_POM	10027394	25	40	153.4	156.2	25
N5936-25T_65MM_S_POM	10027396	25	65			
Classic Sprockets Machined						
Round Bores						
KU5936-10T_20MM_P_PA	10297194	10	20	63.2	63.5	25
KU5936-24T_20MM_P_PA	10296949	24	20	147.3	149.2	
KU5936-31T_20MM_P_PA	10330598	31	20	190.1	193.3	

Split Sprockets Moulded



Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm	mm	mm	mm
Split Sprockets Injection Moulded						
Round Bores						
NS5936-24T_25MM_1KW_PA	10334028	24	25	147.3	149.2	25
NS5936-24T_30MM_1KW_PA	10334029	24	30			
NS5936-24T_35MM_1KW_PA	10334030	24	35			
NS5936-24T_40MM_1KW_PA	10202084	24	40			
Square Bores						
NS5936-24T_40MM_S_PA	10333806	24	40	147.3	149.2	25

The 1000-Series 1-inch pitch belt combines strong design features with an all-round pitch, making it a versatile belt; it is suitable for amongst others beverage, packaging and food industry. Mold-to-width executions are available with Positrack guiding for single line applications and packaging machines. 1000-Series can be equipped with flights for food industry applications. As a standard the belts are supplied in low friction acetal and polypropylene for beverage.

Features

- Versatile 1-inch pitch and the rigid cross-rib design result in optimum flatness and therefore superior product handling.
- The clip pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.
- 1000-Series belt is companioned by FTM 1060 and FGM 1040 or FT 1050 chainbelts, to make a perfect match between straight running and sideflexing conveyors.

Programme	
1000 Flat Top (FT)	Closed surface; suitable for both glass and PET containers due to high strength. The absence of gaps prevents small (glass) particles to jam in the surface of the belt; the fully closed surface gives maximum support to the products conveyed
1000 Flush Grid (FG)	40% Open area; this guarantees optimum water- and airflow and allows pollution to fall through and maintain a clean contact surface between products and the belt. Suitable for amongst others can making and can processing
1000 Raised Rib (RR)	40% Open area; in combination with the special Click-Comb fingerplates the Raised Rib surface creates smooth transfers on accumulation tables, (de)palletizers and discharge tables
1000 Raised Rib narrow (RR)	13% Open area; suitable for packaging machines
1000 Raised Rib Railtrack (RRR)	1000 RR narrow belts with Railtrack, for optimum guiding and economic conveyor set-up
1000 SuperGrip (SG)	High friction rubber surface to handle packages on inclined and declined conveyors. Standard angles up to 20°
1000 LBP	Low Backline Pressure execution with low noise rollers, securing optimum handling of vulnerable packed products, such as shrink-wrapped trays with and without cardboard bottom
FreeFlow	Dynamic Transfer System for complete elimination of dead plates at 90° transfers, creating self-clearing transfers
Positrack	Lugs for accurate and reliable guiding of mass handling and single track belts, resulting in optimum product handling
Belt accessories	Flights to handle bulk food stuff on inclined and declined conveyors; fingerplates RR 1000 and RR 1000 narrow for precise transfers

Bottle conveyor with FT1000 DRY-PT MatTop® Chain

Bottle conveyor with FT1000 PSX MatTop® Chain

FlatTop 1001-84MM

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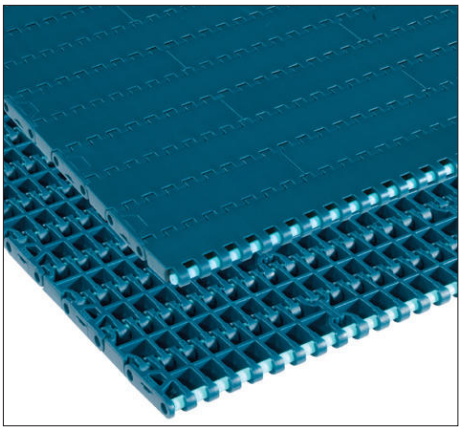
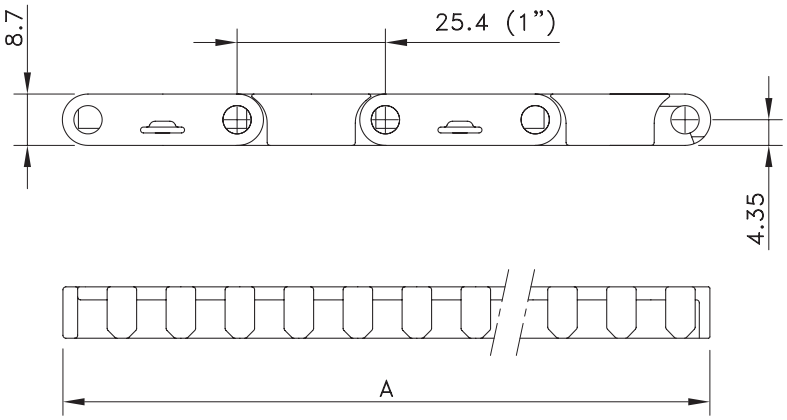
Chain Type	Material	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs	kg/m / lbs/ft	mm / in	Dry	Wet
DRY-PT1001FT-84MM_MTW PT-1DP	DRY-PT	10522806	337 / 1500	0.40 / 0.59	1.00 / 25.4	4 to 80 / 4 to 65	
PSX1001FT-84MM_MTW_PT-1DP	PSX	10522807	337 / 1500	0.40 / 0.59	1.00 / 25.4		
XLG1001FT-84MM_MTW_PT-1DP	XLG	10522808	337 / 1500	0.40 / 0.59	1.00 / 25.4		
HP1001FT-84MM_MTW_PT-1DP	HP	10522812	337 / 1500	0.40 / 0.59	1.00 / 25.4		
DKA1001FT-84MM_MTW_PT-1DP	DKA	10522795	337 / 1500	0.40 / 0.59	1.00 / 25.4		

Flush Grid 1001-84MM

Chain Type	Material	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			N/m / lbs	kg/m / lbs/ft	mm / in	Dry	Wet
DRY-PT1001FG-84MM_MTW PT-1DP	DRY-PT	10522829	337 / 1500	0.38 / 0.57	1.00 / 25.4	4 to 80 / 4 to 65	
PSX1001FG-84MM_MTW_PT-1DP	PSX	10522830	337 / 1500	0.38 / 0.57	1.00 / 25.4		
XLG1001FG-84MM_MTW_PT-1DP	XLG	10522831	337 / 1500	0.38 / 0.57	1.00 / 25.4		
HP1001FG-84MM_MTW_PT-1DP	HP	10522834	337 / 1500	0.38 / 0.57	1.00 / 25.4		
DKA1001FG-84MM_MTW_PT-1DP	DKA	10522828	337 / 1500	0.38 / 0.57	1.00 / 25.4		

FlatTop 1000





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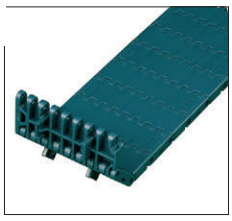
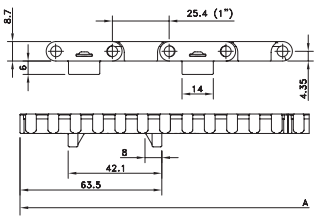
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with Polypropylene Pins (84 has PBT pins)							
Standard	FT 1000 XLG	817.30.xx	4 to 80	4 to 65	22000	6.50	25
Double positrack	FTDP 1000 XLG	873.27.xx					
Positrack 2 sides, freeflow 1 side	FFTP 1000 XLG 2xP	873.07.xx					
PSX Advanced Performance Polymer Alloy with PBT pins							
Standard	FT 1000 PSX	873.78.xx	-30 to +80	up to 65	22000	6.50	25
Double positrack	FTDP 1000 PSX	873.79.xx					
Positrack 2 sides, freeflow 1 side	FFTP 1000 PSX 2xP	873.82.xx					
XP-Polypropylene with Polypropylene Pins							
Standard	FT 1000 XP	818.30.xx	4 to 104	4 to 104	11000	4.25	25
Double positrack	FTDP 1000 XP	873.29.xx					
WLT-Polyethylene with Polyethylene Pins							
Standard	WLT 1000 FT	812.60.xx	-70 to +35	-70 to +35	5000	4.60	25
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 1000 FT	811.80.xx	4 to 104	4 to 104	11000	4.30	25
WSM-Acetal with Polypropylene Pins							
Standard	WSM 1000 FT	815.70.xx	4 to 80	4 to 65	22000	6.50	25
Double positrack	WSM 1000 FTDP	873.28.xx					
DRY-PT Advanced Performance Polymer Alloy with PBT pins							
Standard	FT 1000 DRY-PT	DRYPT1000FT	-30 to 80	up to 65	22000	6.50	25
Double positrack	FTDP 1000 DRY-PT	DRYPT1000FT					

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm; see also page 208. If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

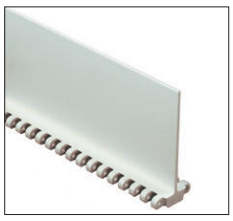
Material	**XLG, WLT, WHT** or **WSM**	
Belt type	**1000 FT** or **1000 FTDP**	(Double) Positrack not possible for WLT, BLT and WHT
Width (A)	**KM** - in mm	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	**F3** or **F2** or **F1**	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row (must correspond to an even number of rows)
Flight side-indent	**N..** (in mm)	Minimal 40 mm with 5 mm increments

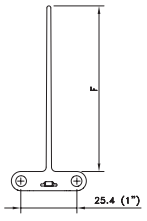
Example: WSM1000FT-430MM_F50MM_T6P_N45MM_PT-1DP is a 1000 Flat Top belt with Double Positrack, made of white acetal, special width 430 mm, special 50 mm high flights on every 6th row at 45 mm from the sides





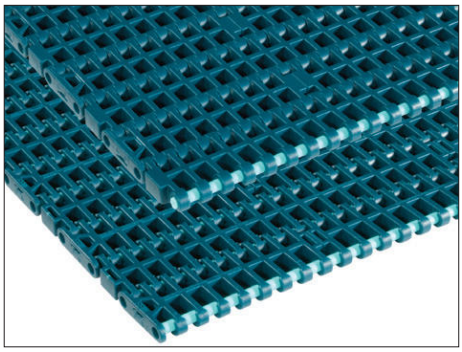
Positrack

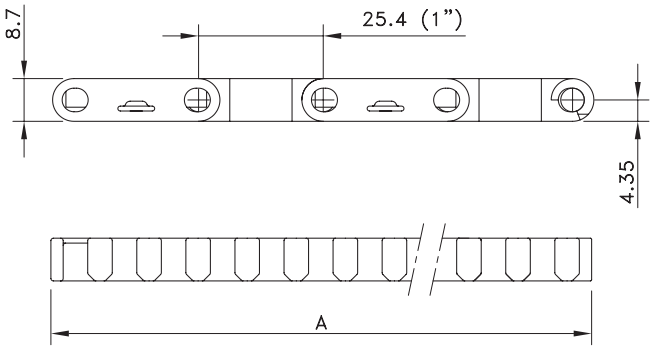




Flight 1000-series

Flush Grid 1000





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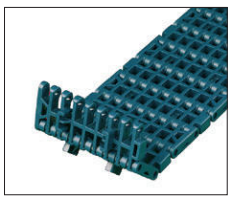
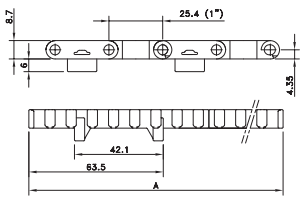
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with Polypropylene Pins (84 has PBT pins)							
Standard	FG 1000 XLG	817.40.xx	4 to 80	4 to 65	22000	5.40	25
Double Positrack	FGDP 1000 XLG	874.43.xx					
Positrack 1 side, freeflow 1 side	FFGP 1000 XLG 1xP	874.08.xx					
Positrack 2 sides, freeflow 1 side	FFGP 1000 XLG 2xP	874.07.xx					
PSX Advanced Performance Polymer Alloy with PBT pins							
Standard	FG 1000 PSX	874.63.xx	-30 to +80	up to 65	22000	5.40	25
Double Positrack	FGDP 1000 PSX	874.64.xx					
Positrack 1 side, freeflow 1 side	FFGP 1000 PSX 1xP	874.68.xx					
Positrack 2 sides, freeflow 1 side	FFGP 1000 PSX 2xP	874.69.xx					
XP-Polypropylene with Polypropylene Pins							
Standard	FG 1000 XP	818.40.xx	4 to 104	4 to 104	11000	3.53	25
Double positrack	FGDP 1000 XP	874.45.xx					
WLT-Polyethylene with Polyethylene Pins							
Standard	WLT 1000 FG	812.70.xx	-70 to +35	-70 to +35	5000	3.70	25
WHT-Polypropylene with Polypropylene Pins							
Standard	WHT 1000 FG	811.90.xx	4 to 104	4 to 104	11000	3.50	25
BHT-Polypropylene with Polypropylene Pins							
Standard	BHT 1000 FG	810.08.xx	4 to 104	4 to 104	11000	3.50	25
WSM-Acetal with Polypropylene Pins							
Standard	WSM 1000 FG	815.80.xx	4 to 80	4 to 65	22000	5.40	25
Double positrack	WSM 1000 FGDP	874.44.xx					
SMB-Acetal with Polypropylene Pins							
Standard	SMB 1000 FG	810.07.xx	4 to 80	4 to 65	22000	5.40	25

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm.

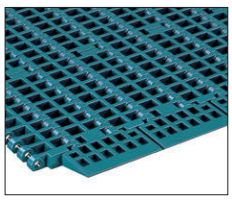
If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

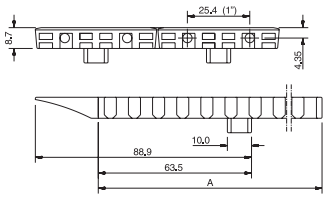
Material	**WLT** or **BLT** or **WHT** or **BHT** or **WSM** or **SMB**	
Belt type	**1000 FG** or **1000 FGDP**	(Double) Positrack not possible for WLT, BLT, WHT, BHT and SMB
Width (A)	**KM** - in mm	Belts with flights have a minimal width of 130 mm with 10 mm increments
Flights	**F3** or **F2** or **F1**	Standard height of 3", 2", 1" or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row (must correspond to an even number of rows)
Flight side-indent	**N..** (in mm)	Minimal 40 mm with 5 mm increments





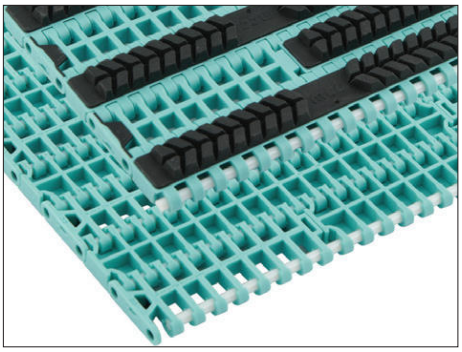
Positrack

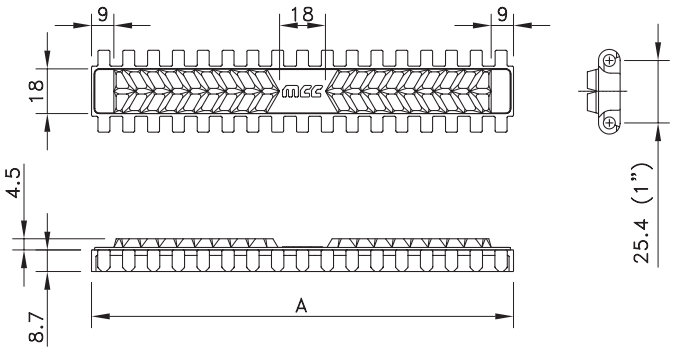




Freeflow 1000-series

Supergrip 1000





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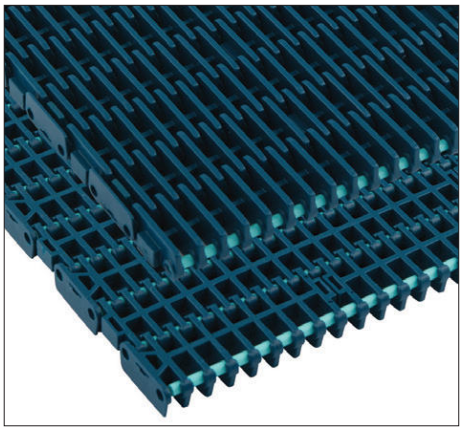
Assembly	Belt Type	Code Number*	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet	N/m (21°C)	kg/m²	mm
XP-Polypropylene with PBT Pins								
Standard	SG 1000 XP 170	875.00.11	170	4 to 65	4 to 65	11000	5.00	30
	SG 1000 XP 255	875.00.12	255				5.33	
	SG 1000 XP 340	875.00.13	340				5.50	
	SG 1000 XP 425	875.00.14	425				5.60	
	SG 1000 XP 510	875.00.15	510				5.66	
	SG 1000 XP 595	875.00.16	595				5.71	
	SG 1000 XP 680	875.00.17	680				5.75	
Double positrack	SGDP 1000 XP 170	875.54.11	170				5.00	
	SGDP 1000 XP 255	875.54.12	255				5.33	
	SGDP 1000 XP 340	875.54.13	340				5.50	
	SGDP 1000 XP 425	875.54.14	425				5.60	
	SGDP 1000 XP 510	875.54.15	510				5.66	
	SGDP 1000 XP 595	875.54.16	595				5.71	
	SGDP 1000 XP 680	875.54.17	680				5.75	
XLG-Acetal with Polypropylene Pins								
Standard	SG 1000 XLG 170	875.30.11	170	4 to 65	4 to 65	19000	7.34	30
	SG 1000 XLG 255	875.30.12	255				7.70	
	SG 1000 XLG 340	875.30.13	340				7.88	
	SG 1000 XLG 425	875.30.14	425				7.99	
	SG 1000 XLG 510	875.30.15	510				8.06	
	SG 1000 XLG 595	875.30.16	595				8.12	
	SG 1000 XLG 680	875.30.17	680				8.16	
Double positrack	SGDP 1000 XLG 170	875.59.11	170				7.34	
	SGDP 1000 XLG 255	875.59.12	255				7.70	
	SGDP 1000 XLG 340	875.59.13	340				7.88	
	SGDP 1000 XLG 425	875.59.14	425				7.99	
	SGDP 1000 XLG 510	875.59.15	510				8.06	
	SGDP 1000 XLG 595	875.59.16	595				8.12	
	SGDP 1000 XLG 680	875.59.17	680				8.16	
WHT-Polypropylene with PBT Pins								
Standard	SG 1000 WHT 255	875.25.12	255	4 to 104	4 to 104	11000	5.33	30
	SG 1000 WHT 340	875.25.13	340				5.50	
	SG 1000 WHT 425	875.25.14	425				5.60	
	SG 1000 WHT 510	875.25.15	510				5.66	
	SG 1000 WHT 595	875.25.16	595				5.71	
	SG 1000 WHT 680	875.25.17	680				5.75	

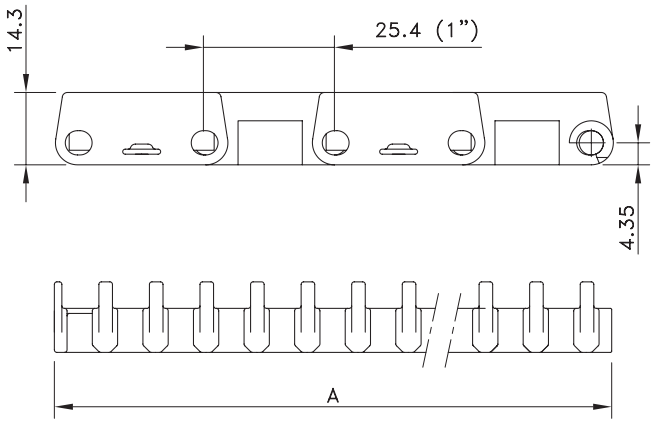
Special widths begin at 85 mm with 5 mm increments. Wider belts are available upon request.

Standard 100% rubber; other percentages can be supplied upon request.

Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) or 60 (WHT material has a white elastomere Rubber top) shore A.

Raised Rib 1000





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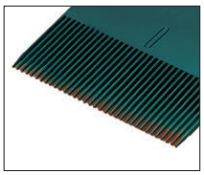
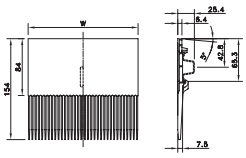
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with Polypropylene Pins							
Standard	XLG1000RR	817.10.xx	4 to 80	4 to 65	22000	7.95	50
AS-Acetal with Polypropylene Pins							
Standard	AS1000RR	814.10.xx	4 to 80	–	130 00	7.47	50

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, up to 6120 mm; see also page 208. Special widths begin at 85 mm with 5 mm increments.

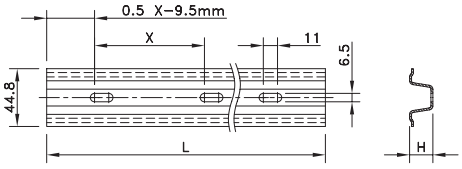
Fingerplates Raised Rib





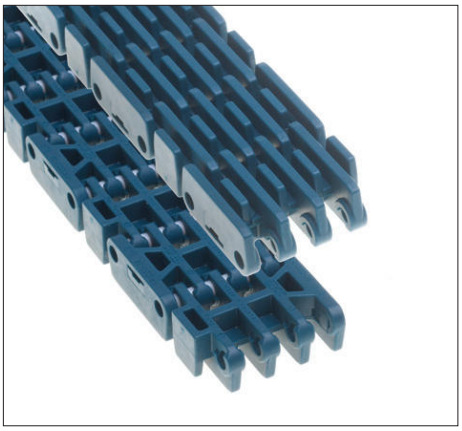
Type	Code Number	Weight	Width W	Length
		kg	mm	mm
XLG-Acetal				
TRAN PLT COMB XLG1000 154X170MM	10146446	0.14	168	154
TRAN PLT COMB XLG1000 154X85MM	10146445	0.07	83	
AS-Acetal				
TRAN PLT COMB AS1000-154X170MM	10361707	0.13	168	154
TRAN PLT COMB AS1000-154X85MM	10361706	0.06	83	

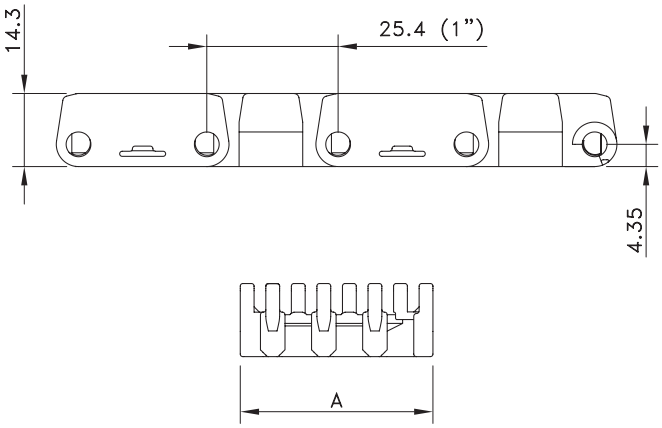
Profiles for Fingerplates



Type	Code Number	Length L	Weight	Height H	Number of Pitches	Pitch X	
		mm	kg	mm		mm	inch
Stainless Steel							
PROF.FOR COMB H=18 L=3052 MM	10724983	3052	2.46	18	35	85.0	3.35

Raised Rib 1000 Narrow





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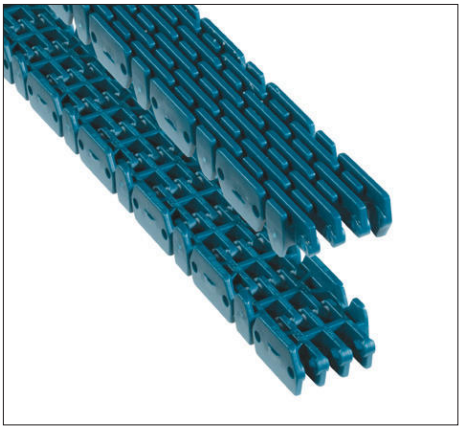
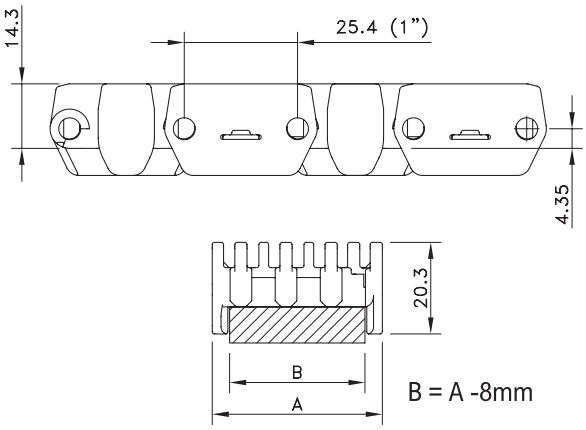
Assembly	Belt Type	Code A Number	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins								
Standard	XLG1000RR-28MM_MTW	10147974	28	-30 to +80	up to 65	400	0.35	50
	XLG1000RR-38MM_MTW	10147972	38	-30 to +80	up to 65	400	0.39	
	XLG1000RR-48MM_MTW	10147973	48	-30 to +80	up to 65	600	0.48	

Standard length: 6.096 m - 20 feet.

Raised Rib 1000 Railtrack Narrow





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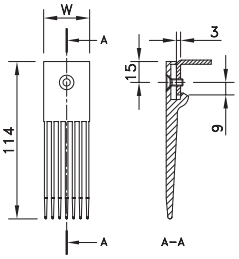
Assembly	Belt Type	Code Number	Width A	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			mm	Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins								
Standard	XLG1000RRR-28MM_MTW	10147971	28	-30 to +80	up to 65	200	0.33	50
	XLG1000RRR-38MM_MTW	10147968	38	-30 to +80	up to 65	400	0.43	
	XLG1000RRR-48MM_MTW	10147969	48	-30 to +80	up to 65	600	0.53	
	XLG1000RRR-58MM_MTW	10147970	58	-30 to +80	up to 65	800	0.62	

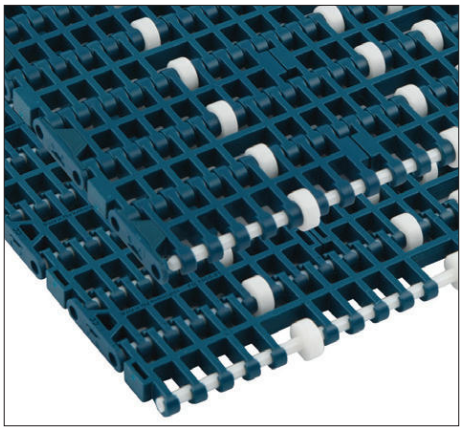
Standard length: 6.096 m - 20 feet.

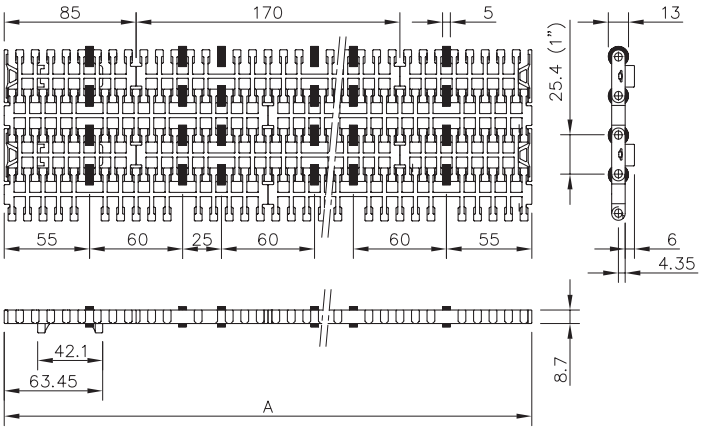
Fingerplates Raised Rib Narrow



Type	Code Number	Weight	Width W	Length
		kg	mm	mm
XLG-Acetal				
TRAN PLT COMB XLG1000 114X23MM	10146450	0.01	23	114
TRAN PLT COMB XLG1000 114X33MM	10146447	0.02	33	
TRAN PLT COMB XLG1000 114X43MM	10146448	0.02	43	
TRAN PLT COMB XLG1000 114X53MM	10146449	0.03	53	

LBP 1000



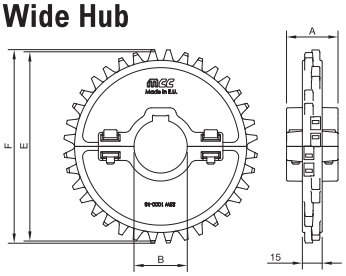


P. 162, 163

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Double Positrack	LBPDP 1000 XLG	874.47.xx	4 to 80	4 to 65	19400	5.40	25

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm; see also page 211.

Split Sprockets Wide Hub

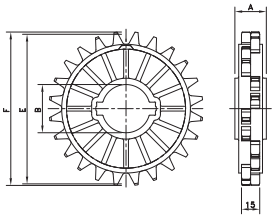


Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Round Bores						
NS1000-16T_30MM_1KW_PA	10017957	16	30 mm	130.2	130.6	39
NS1000-16T_35MM_1KW_PA	10027358	16	35 mm			
NS1000-16T_40MM_1KW_PA	10017956	16	40 mm			
NS1000-18T_30MM_1KW_PA	10017960	18	30 mm	146.3	146.8	
NS1000-18T_35MM_1KW_PA	10027359	18	35 mm			
NS1000-18T_40MM_1KW_PA	10017959	18	40 mm			
NS1000-20T_30MM_1KW_PA	10027360	20	30 mm	162.4	163.1	
NS1000-20T_35MM_1KW_PA	10017965	20	35 mm			
NS1000-20T_40MM_1KW_PA	10017966	20	40 mm			
NS1000-16T_1-1/2IN_1KW_PA	10017958	16	1.5"	130.2	130.6	
NS1000-18T_1-1/2IN_1KW_PA	10017962	18	1.5"	146.3	146.8	
NS1000-20T_1-1/2IN_1KW_PA	10017967	20	1.5"	162.4	163.1	
Square Bores						
NS1000-16T_40MM_S_PA	10027464	16	40 mm	130.2	130.6	39
NS1000-18T_40MM_S_PA	10017961	18	40 mm	146.3	146.8	
NS1000-20T_40MM_S_PA	10027465	20	40 mm	162.4	163.1	
NS1000-16T_1-1/2IN_S_PA	10026583	16	1.5"	130.2	130.6	
NS1000-18T_1-1/2IN_S_PA	10017964	18	1.5"	146.3	146.8	
NS1000-20T_1-1/2IN_S_PA	10017968	20	1.5"	162.4	163.1	

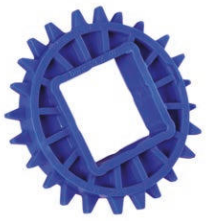
For wide hub sprockets with round bore one keyway is sufficient.

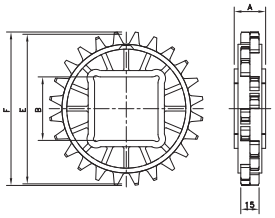
For humid, hot applications like pasteurizing, special sprockets are available; see next page.

Classic Sprockets



Classic Sprockets for Humid, Hot Applications like Pasteurizing





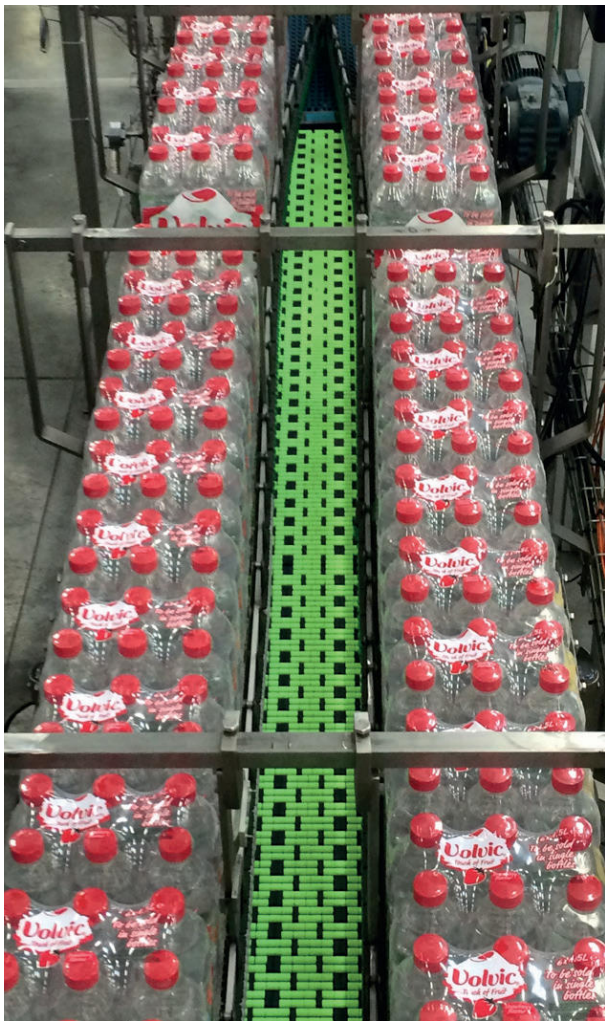
Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Round Bores						
N1000-12T_30MM_2KW_PA	10334262	12	30 mm	98.1	96.5	20
N1000-12T_40MM_2KW_PA	10334263	12	40 mm			
N1000-12T_50MM_2KW_PA	10334264	12	50 mm			
N1000-18T_30MM_2KW_PA	10148154	18	30 mm	146.3	145.9	
N1000-18T_35MM_2KW_PA	10334268	18	35 mm			
N1000-18T_40MM_2KW_PA	10148153	18	40 mm			
N1000-18T_45MM_2KW_PA	10334270	18	45 mm			
N1000-18T_50MM_2KW_PA	10334271	18	50 mm			
N1000-18T_65MM_2KW_PA	10334272	18	65 mm			30
N1000-20T_35MM_2KW_PA	10334279	20	35 mm	162.4	161.7	20
N1000-20T_40MM_2KW_PA	10334280	20	40 mm			
N1000-20T_50MM_2KW_PA	10148159	20	50 mm			
N1000-12T_1IN_2KW_PA	10327925	12	1.0"	98.1	96.5	
N1000-18T_1-1/2IN_2KW_PA	10148156	18	1.5"			
N1000-18T_2IN_2KW_PA	10327942	18	2.0"			
N1000-20T_1IN_2KW_PA	10148162	20	1.0"	162.4	161.7	
N1000-20T_1-1/2IN_2KW_PA	10148161	20	1.5"			
Square Bores						
N1000-18T_40MM_S_PA	10148155	18	40 mm	146.3	145.9	20
N1000-18T_60MM_S_PA	10334274	18	60 mm			30
N1000-18T_65MM_S_PA	10334275	18	65 mm			
N1000-20T_40MM_S_PA	10148160	20	40 mm	162.4	161.7	20
N1000-20T_60MM_S_PA	10334283	20	60 mm			30
N1000-20T_65MM_S_PA	10334284	20	65 mm			
N1000-12T_1-1/2IN_S_PA	10148152	12	1.5"	98.1	96.5	20
N1000-18T_1-1/2IN_S_PA	10148158	18	1.5"	146.3	145.9	
N1000-20T_1-1/2IN_S_PA	10148163	20	1.5"	162.4	161.7	
Classic Sprockets for Humid, Hot Applications like Pasteurizing						
Square Bores						
N1000-12T_40MM_S_POM	10148119	12	40 mm	98.1	96.5	20
N1000-18T_40MM_S_POM	10148120	18	40 mm	146.3	145.9	20
N1000-18T_60MM_S_POM	10334266	18	60 mm			30
N1000-20T_40MM_S_POM	10334276	20	40 mm	162.4	161.7	20
N1000-20T_60MM_S_POM	10334277	20	60 mm			30

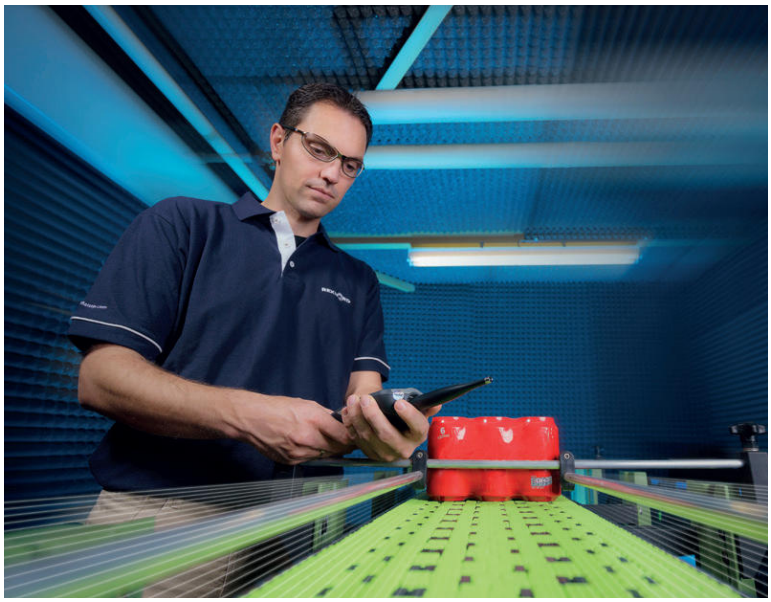
The 1005-Series 1-inch pitch heavy-duty belt combines a ½-inch thickness with a robust belt design and an all-round pitch, making it a versatile belt for amongst others beverage, glass manufacturing and packaging applications.
As a standard the belts are supplied in low friction acetal, extremely wear resistant polyamide and polypropylene.

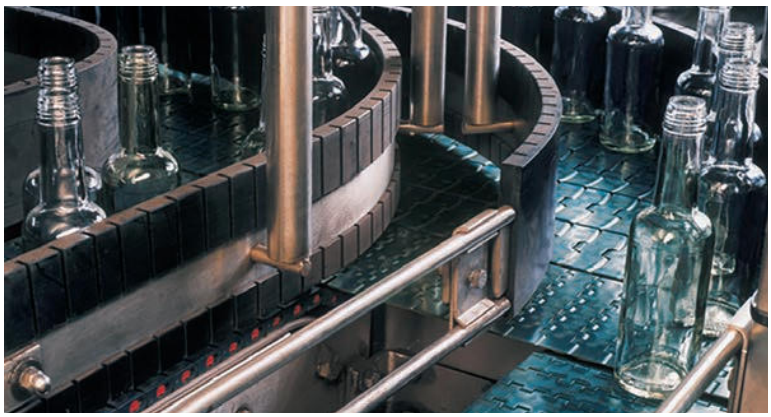
Features

- Robust belt design and high strength to meet the most demanding applications in beverage, glass making and packaging.
- The revolutionary Easy Lock pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side transfers and improved product handling.
- 85 mm pitched fixed sprocket positions improve the drive properties and contribute to standardization of the conveyor design.
- Equipped with wear resistant polyester (PBT) pins for the best long term performance.
- 1005-Series belts are companioned by FTM 1055 or FT 1055 chainbelts, to make a perfect match between straight running and sideflexing conveyors.

Programme	
1005 Flat Top (FT)	Closed surface; suitable for heavy duty glass handling applications and other abrasive environments
1005 SuperGrip (SG)	Execution with high friction rubber surface to handle packages on inclined, declined and metering conveyors; standard angles up to 20°. Special design of the rubber profile makes it suitable for crate handling as well
1005 XLBP	Extra Low Backline Pressure execution with low noise rollers with permanently fixed roller shafts improving environtment safety and securing optimum handling of vulnerable packed products, such as shrink-wrapped trays with and without cardboard bottom (wearstrips in ULF material are recommended)
FreeFlow	Dynamic Transfer System allows complete elimination of dead plates at 90° transfers, creating self-clearing transfers
Positrack	Lugs for accurate and reliable guiding of mass handling and single track belts, resulting in optimum product handling







FlatTop® 1005

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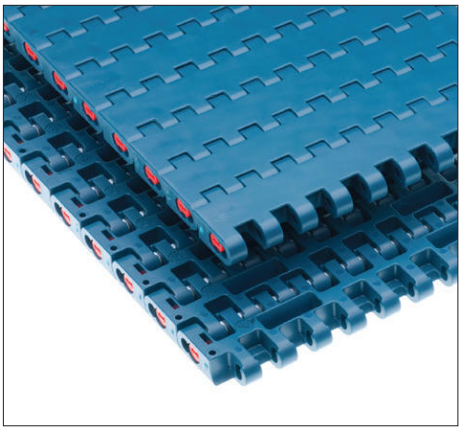
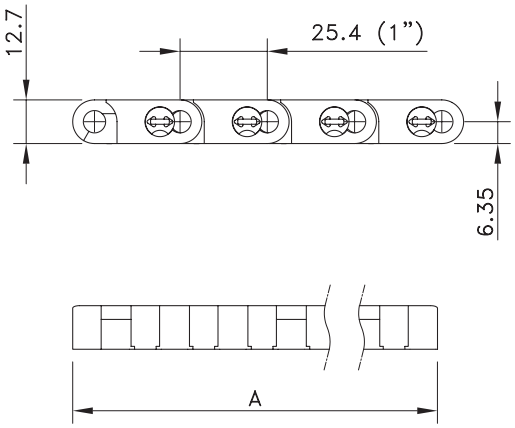
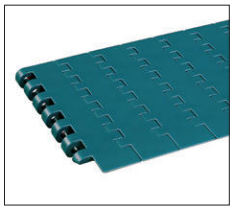
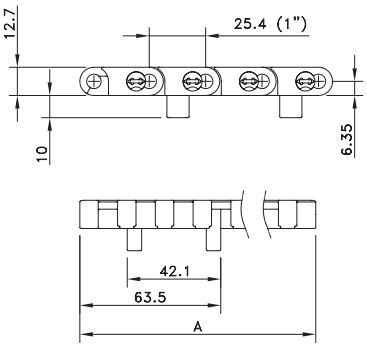




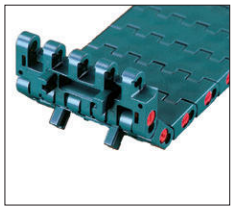
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	FT 1005 XLG	877.00.xx	–40 to +80	up to 65	35000	13.50	25
Double positrack	FTDP 1005 XLG	877.01.xx					
Double positrack, freeflow	FFTDP 1005 XLG	877.02.xx					
Mould to width (MTW)	FT 1005 XLG K450 MTW	877.00.00					
MTW double positrack	FTDP 1005 XLG K450 MTW	877.01.00					
PSX Advanced Performance Polymer Alloy with PBT Pins							
Standard	FT 1005 PSX	877.25.xx	–40 to +80	up to 65	35000	13.50	25
Double positrack	FTDP 1005 PSX	877.26.xx					
BWX-Polyamide Composite with PBT Pins							
Standard	FT 1005 BWX	877.27.xx	–40 to +80	not recommended	35000	13.50	25
Double positrack	FTDP 1005 BWX	877.28.xx					
Mould to width (MTW)	FT 1005 BWX K450 MTW	877.14.00					
MTW double positrack	FTDP 1005 BWX K450 MTW	877.15.00					
XP-Polypropylene with PBT Pins							
Standard	FT 1005 XP	877.05.xx	4 to 65	4 to 65	17500	9.00	25
Double positrack	FTDP 1005 XP	877.06.xx					

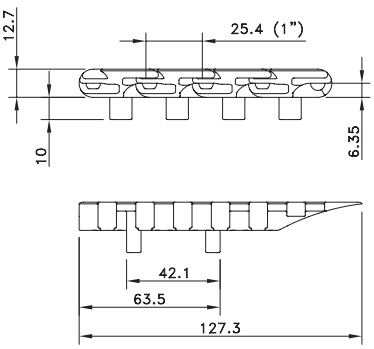
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request. See page 208 for all code numbers.





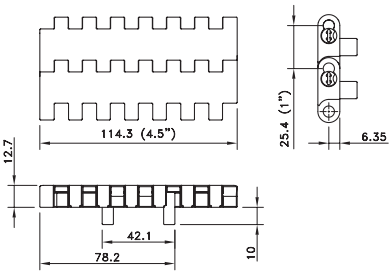
Flat Top 1005 heavy duty belt with integrated FreeFlow





Flat Top 1005 heavy duty belt with Positrack

The double Positrack lugs are positioned on one side of the belt for precise transfer possibilities.



1005 Belt mould to width with double Positrack

Supergrip 1005

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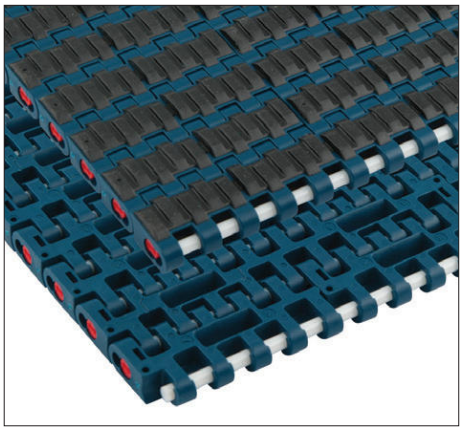
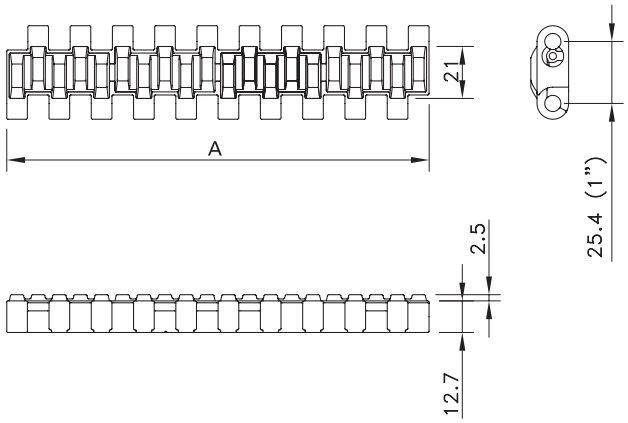
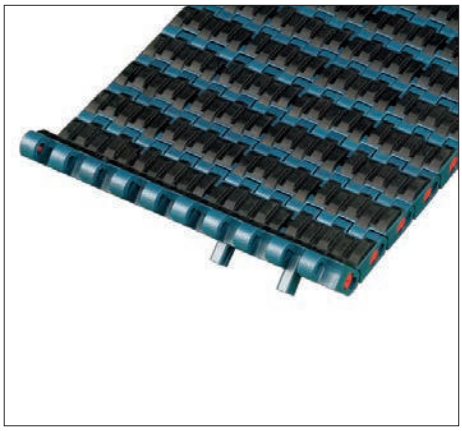
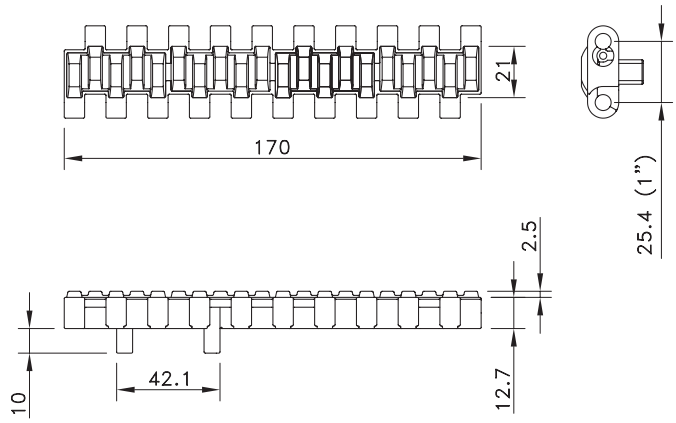




Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	SG 1005 XLG	877.50.xx	–40 to +65	up to +65	35000	14.00	25
Double Positrack	SGDP 1005 XLG	877.51.xx					
XP-Polypropylene with PBT Pins							
Standard	SG 1005 XP	877.64.xx	4 to 65	4 to 65	17500	10.00	25
Double Positrack	SGDP 1005 XP	877.66.xx					
TCF-Tough Composite Friction Material with Stainless Steel Pins							
Standard	SG 1005 TCF	877.71.xx	-18 to +82	-18 to + 60	32000	19.30	25
Double Positrack	SGDP 1005 TCF	877.72.xx					

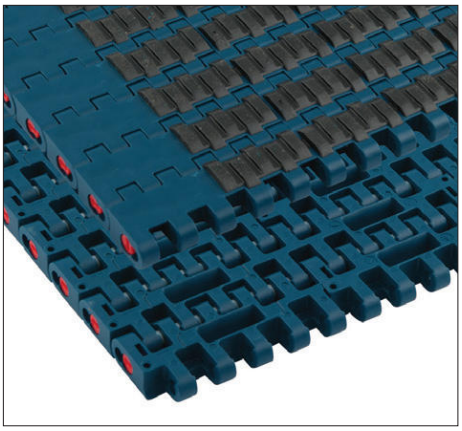
* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm; see also page 208. Standard 100% rubber; other percentages and sizes on request.
Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) or 55 (TCF) shore A.

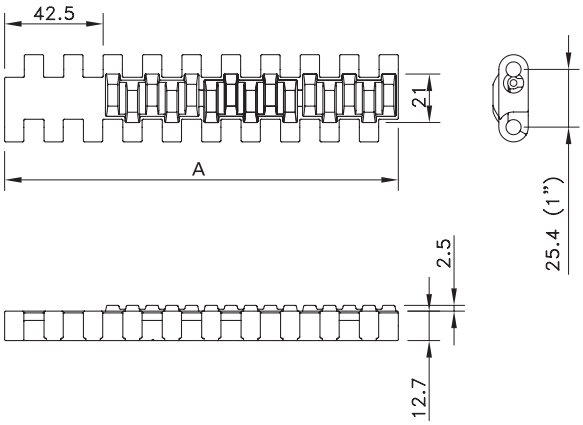




1005 supergrip belt with double positrack on one side of the belt

Supergrip Side-Indent 1005





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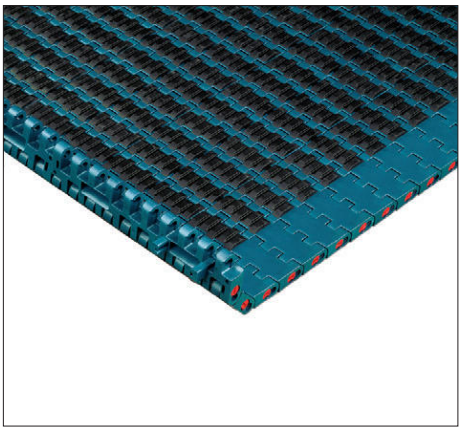
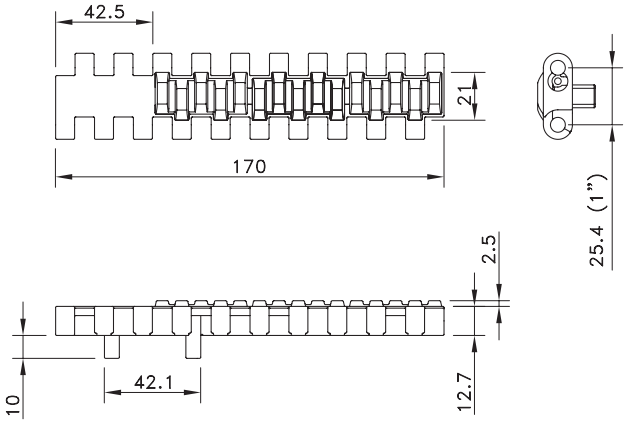
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	SGS 1005 XLG	877.52.xx	-40 to +65	up to 65	35000	14.00	25
Double Positrack	SGSDP 1005 XLG	877.53.xx					
XP-Polypropylene with PBT Pins							
Standard	SGS 1005 XP	877.65.xx	4 to 65	4 to 65	17500	10.00	25
Double Positrack	SGSDP 1005 XP	877.67.xx					

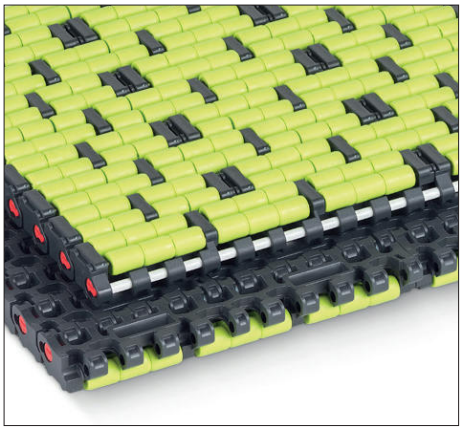
* In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm and so on with 85 mm increments up to 6120 mm; see also page 208. Standard 100% rubber; other percentages and sizes on request.
Rubber top is a black elastomere, with a hardness of 40 (XP) or 50 (XLG) shore A.
A center indent of 85 mm is possible from 765 mm belt width, with steps of 170 mm.

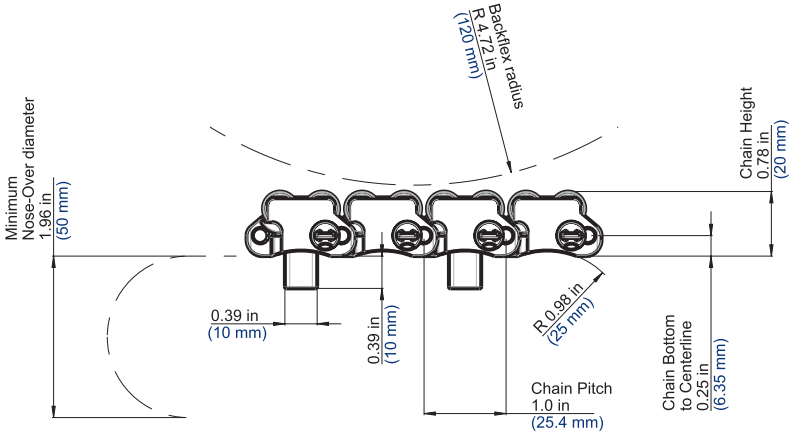




1005 Supergrip Side-Indent belt with Double Positrack

XLBP 1005





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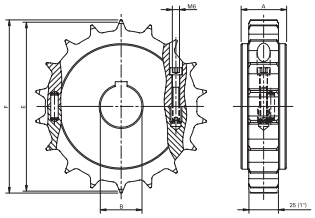
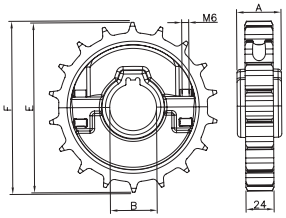
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLA-Acetal with PBT Pins							
Standard	XLA1005XLBP	877.29.xx	-40 to +80	1 to 65	14000	18	120
Double Positrack	XLA1005XLBP_MM_PT-L	877.30.xx					

* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request. See page 208 for all code numbers.

Split Sprockets and Idlers Machined



Split Sprockets and Idlers Moulded



Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	OutKUSde Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets and Idlers Machined						
Sprockets with Round Bores						
KUS1005-18T_30MM_1KW_PA	10148133	18	30 mm	146.3	145.3	38
KUS1005-18T_40MM_1KW_PA	10148132	18	40 mm			
KUS1005-21T_30MM_1KW_PA	10331515	21	30 mm	170.4	169.7	
KUS1005-21T_40MM_1KW_PA	10332229	21	40 mm			
KUS1005-18T_1IN_1KW_PA	10326649	18	1.0”	146.3	145.3	
KUS1005-18T_1-1/2IN_1KW_PA	10148136	18	1.5”			
KUS1005-21T_1IN_1KW_PA	10326647	21	1.0”	170.4	169.7	
KUS1005-21T_1-1/2IN_1KW_PA	10326987	21	1.5”			
Idlers						
KUS1005-18T_30MM_I_PA	10148135	18	30 mm	146.3	145.3	38
KUS1005-18T_40MM_I_PA	10148134	18	40 mm			
KUS1005-21T_30MM_I_PA	10331517	21	30 mm	170.4	169.7	
KUS1005-21T_40MM_I_PA	10332231	21	40 mm			
KUS1005-18T_1IN_I_PA	10326650	18	1.0”	146.3	145.3	
KUS1005-18T_1-1/2IN_I_PA	10148138	18	1.5”			
KUS1005-21T_1IN_I_PA	10326648	21	1.0”	170.4	169.7	
KUS1005-21T_1-1/2IN_I_PA	10326988	21	1.5”			
Sprockets with Square Bores						
KUS1005-18T_40MM_S_PA	10148130	18	40 mm	146.3	145.3	38
KUS1005-21T_40MM_S_PA	10332228	21	40 mm	170.4	169.7	
KUS1005-18T_1-1/2IN_S_PA	10148131	18	1.5”	146.3	145.3	
KUS1005-21T_1-1/2IN_S_PA	10326943	21	1.5”	170.4	169.7	

Split sprockets with keyways are ’tight fit’ onto the shaft and can be used for belt widths up to 680 mm and temperature differences of max. 30°C. For wider belts or bigger temperature differences, square bores have to be used.

Square sprockets can be used on the drive- and on the idler shaft. They ‘float’ freely on the shaft.

Split Sprockets and Idlers Moulded						
Sprockets						
NSH1005-13T_40MM_1KW_PA	10298197	13	40 mm	106,1	104,2	38
NSH1005-14T_40MM_1KW_PA	10298200	14	40 mm	114,1	112,5	
NSH1005-15T_40MM_1KW_PA	10298198	15	40 mm	122,1	120,7	
NSH1005-16T_40MM_1KW_PA	10349723	16	40 mm	130,2	128,9	
NSH1005-18T_40MM_1KW_PA	10298199	18	40 mm	146,3	145,3	
NSH1005-21T_40MM_1KW_PA	10292134	21	40 mm	170,4	169,7	
Idlers						
NSH1005-13T_40MM_I_PA_GN	10678781	13	40 mm	106,1	104,2	38
NSH1005-14T_40MM_I_PA_GN	10678785	14	40 mm	114,1	112,5	
NSH1005-15T_40MM_I_PA_GN	10678782	15	40 mm	122,1	120,7	
NSH1005-16T_40MM_I_PA_GN	10678796	16	40 mm	130,2	128,9	
NSH1005-18T_40MM_I_PA_GN	10678783	18	40 mm	146,3	145,3	
NSH1005-21T_40MM_I_PA_GN	10678783	21	40 mm	170,4	169,7	

Maintaining the highest sanitation protocols is paramount to food processors. This important practice finds itself in the ability to clean and maintain conveyor belts in any area where pathogens can live and breed. With this in mind, the 1010 Series KleanTop™ belt was created, offering a belt that is one of the easiest to clean.

Durable and Effectively Cleaned

Key features of the 1010 Series KleanTop aim to ensure your operations are food safe. Over time, edges of plastic belts wear down and pose a risk to food production. The 1010 Series KleanTop is designed to eliminate the risk of product contamination by reinforcing the edges of the belt where breakdown can occur.

Hinge areas can be difficult to see and clean. This is problematic in certain food applications which require all areas of the conveying operation to be as sanitary as possible. The Rexnord 1010 Series features a completely open hinge design, exposing 60 percent of the rod, and enabling the hinge to be completely cleaned with less time, water and chemical usage.

Conveyor equipped with Rexnord 1015 Series Series KleanTop Belt

Easy Assembly and Maintenance

Some belts have complicated rod retention designs, raising the risk for rod and/or belt damage. The 1010 Series has a simplified rod retention system enabling easy assembly and disassembly with a simple screwdriver, keeping downtime as low as possible.

Superior Industry Performance

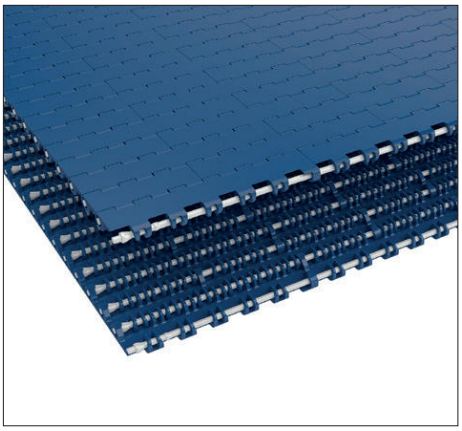
The combination of features and benefits allows for superior performance in baking, snack, fruit and vegetable, seafood and poultry applications.

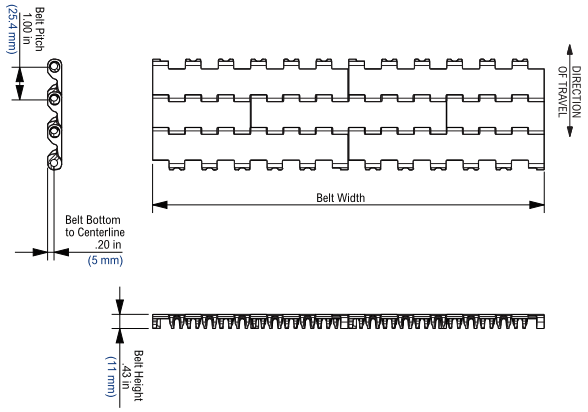
Product Information

- Plastic modular belt available in minimum width of two inches (50.8 mm) and increments of one inch (25.4 mm).
- Four surface top executions available: Nub Top, Flat Top, Perforated Flat Top and Perforated Nub Top (both with 20 percent open area).
- Cleanable machined sprockets in 10-, 12-, 16-, 18- and 20-teeth execution.
- Available in white and blue FDA approved materials for visual contrast and identification.
- Four inches (101.6 mm) high flight with non-stick ribs on both sides to reduce product sticking on incline and decline applications.
- Two inches (50.8 mm) and three inches (76.2 mm) high side guards are available.

Conveyor equipped with Rexnord 1011 Series Series KleanTop Belt

Flat Top 1015





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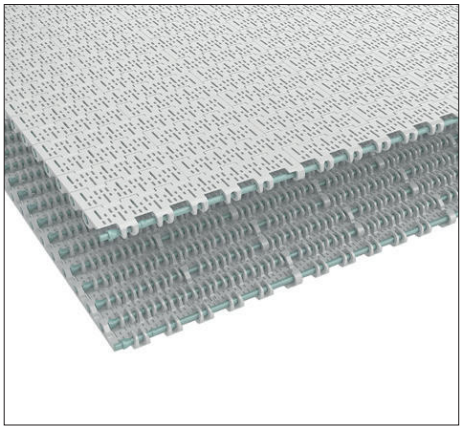
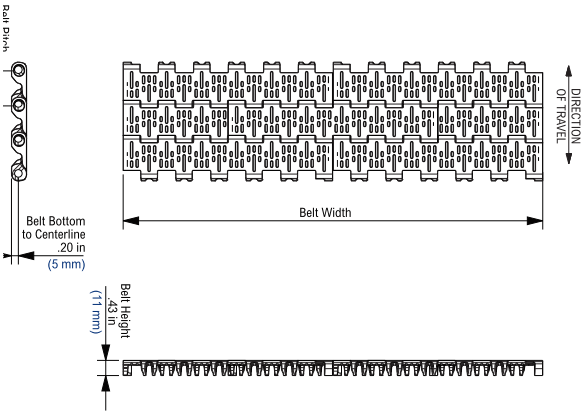
Rexnord 1015 Series KleanTop Belt Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
1015 FlatTop	WHT-BHT (Blue-White)	PBT	400 / 6.000	0.90 / 4.39	1.57 / 40	4 /104	4 / 100
1015 FlatTop	WLT-BLT (Blue-White)	PBT	350 / 5.000	0.98 / 4.78		-73 / 27	-73 / 27
1015 FlatTop	WSM (White)	PBT	800 / 12.000	1.44 / 7.03		-40 / 82	-40 / 66

Perforated FlatTop 1016

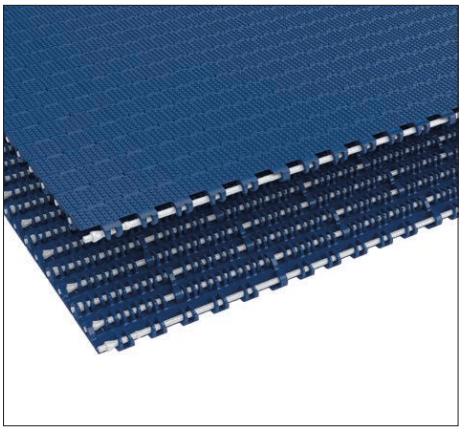


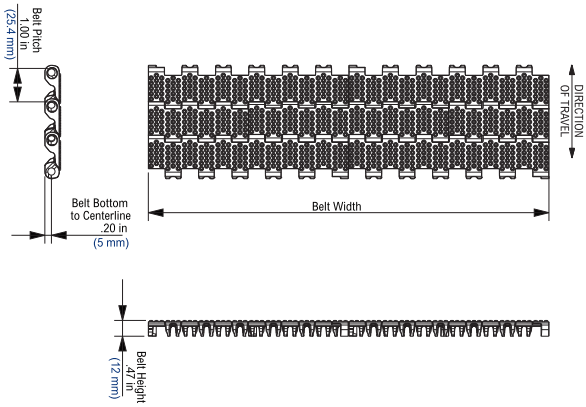


Rexnord 1016 Series KleanTop Belt Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
1016 Perforated FlatTop	WHT-BHT (Blue-White)	PBT	400 / 6.000	0.90 / 4.39	1.57 / 40	4 /104	4 / 100
1016 Perforated FlatTop	WLT-BLT (Blue-White)	PBT	350 / 5.000	0.98 / 4.78		-73 / 27	-73 / 27
1016 Perforated FlatTop	WSM (White)	PBT	800 / 12.000	1.44 / 7.03		-40 / 82	-40 / 66

Nub Top 1011





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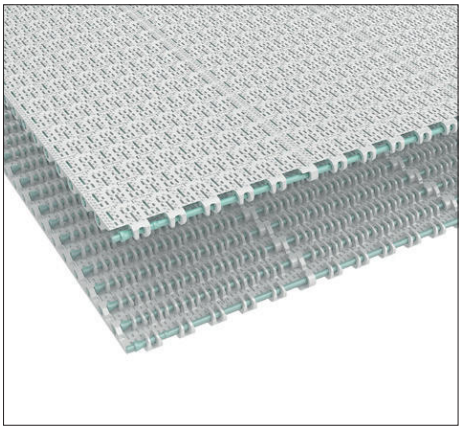
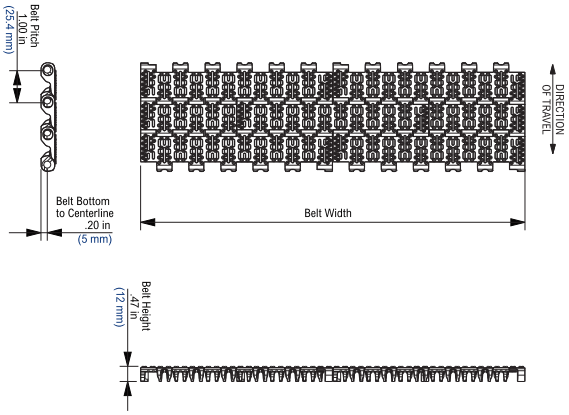
Rexnord 1011 Series KleanTop Belt Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
1011 Nub Top	WHT-BHT (Blue-White)	PBT	400 / 6.000	0.90 / 4.39	1.57 / 40	4 /104	4 / 100
1011 Nub Top	WLT-BLT (Blue-White)	PBT	350 / 5.000	0.98 / 4.78		-73 / 27	-73 / 27
1011 Nub Top	WSM (White)	PBT	800 / 12.000	1.44 / 7.03		-40 / 82	-40 / 66

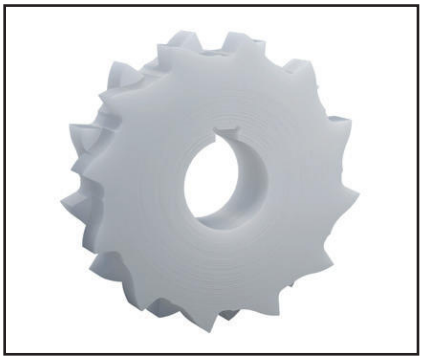
Perforated Nub Top 1018



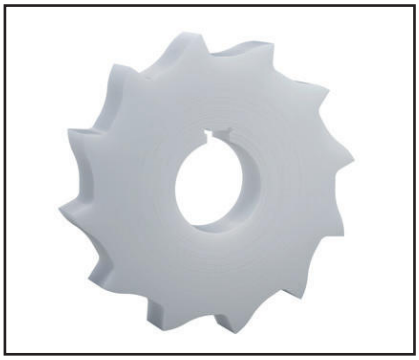


Rexnord 1018 Series KleanTop Belt Overview

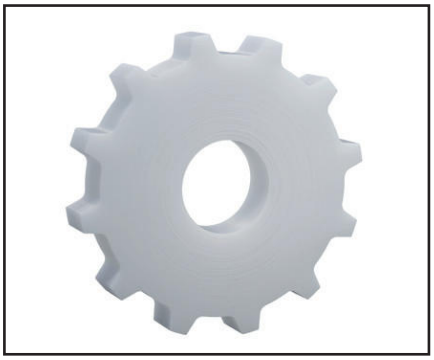
Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range °C	
			lbs/ft / N/m	lbs/ft / kg/m	in / mm	Dry	Wet
1018 Perforated Nub Top	WHT-BHT (Blue-White)	PBT	400 / 6.000	0.90 / 4.39	1.57 / 40	4 /104	4 / 100
1018 Perforated Nub Top	WLT-BLT (Blue-White)	PBT	350 / 5.000	0.98 / 4.78		-73 / 27	-73 / 27
1018 Perforated Nub Top	WSM (White)	PBT	800 / 12.000	1.44 / 7.03		-40 / 82	-40 / 66



Rexnord 1010 Series
KleanTop Belt
Bi-directional Drive
Sprocket KU1010

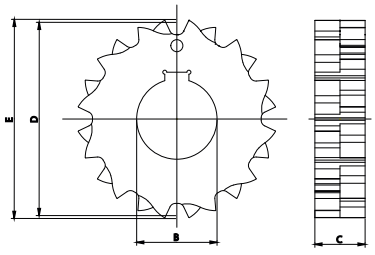


Rexnord 1010 Series
KleanTop Belt
Uni-directional
Sprocket KU1010

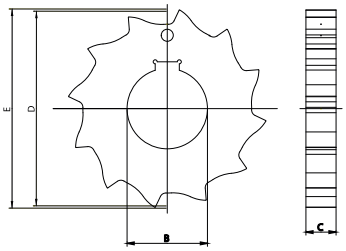


Rexnord 1010 Series
KleanTop Belt
Idler
Sprocket KU1010

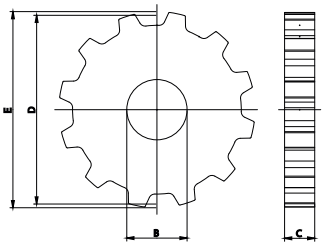
Sprocket Type	Code Number	Number of Teeth	Shaft Size B	Width C	Pitch Diameter D	Outside Diameter E
			in / mm	in / mm	in / mm	in / mm
Rexnord 1010 Series Bi-directional Drive						
KU1010-10T_40MM_S_UH	10362465	10	1.57 / 40	0.98 / 25	3.24 / 82.19	3.26 / 82.7
KU1010-12T_40MM_S_UH	10332056	12	1.57 / 40	0.98 / 25	3.86 / 98.09	3.89 / 98.9
Rexnord 1010 Series Uni-directional Drive						
KU1010STR-10T_40MM_S_UH	10674758	10	1.57 / 40	0.59 / 15	3.24 / 82.19	3.26 / 82.7
KU1010STR-12T_40MM_S_UH	10674760	12	1.57 / 40	0.59 / 15	3.86 / 98.09	3.89 / 98.9
Rexnord 1010 Series Idler						
KU1010STR-10T_30MM_I_UH	10685630	10	1.18 / 30	0.59 / 15	3.24 / 82.19	3.26 / 82.7
KU1010STR-12T_30MM_I_UH	10685632	12	1.18 / 30	0.59 / 15	3.86 / 98.09	3.89 / 98.9



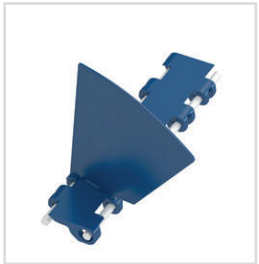
Rexnord 1010 Series KleanTop Belt
Bi-directional Drive
Sprocket KU1010



Rexnord 1010 Series KleanTop Belt
Uni-directional
Sprocket KU1010



Rexnord 1010 Series KleanTop Belt
Idler
Sprocket KU1010



Rexnord 1010 Series
KleanTop Belt Sideguard

Rexnord 1010 Series
KleanTop Belt Ribbed Flight
six inches (152.4 mm)
width, four inches
(101.6 mm) height,
one-inch (25.4 mm)
side indent

Rexnord 1010 Series
KleanTop Belt Ribbed Flight
six inches (152.4 mm),
four inches (101.6 mm)
height

Notes

www.rexnord.com
Please contact our Application Engineers at +31 174 445 111 for assistance with product selection.

The Rexnord 1020 Series MatTop® Chain offers an all-around one-inch (25.4 millimeters) pitch modular chain solution for automotive floor conveyors. The 1020 Series MatTop Chain is developed for use in vehicle and people moving automotive applications.

Customized for your application

The 1020 Series MatTop Chain is offered in a smooth SolidTop and anti-slip SafetyTop surface providing optimum work surfaces for specific applications. Depending on the application a choice between high-performance plastic or stainless steel pins can be made. Stainless steel pins have higher wear resistance capabilities. They are used in situations where dirt and debris can be expected.

Reliable operation

The Rexnord 1020 Series MatTop Chain offers a reliable and smooth operation in combination with Rexnord MatTop Chain advantages:

- Insensitive to automotive liquids
- Positive drive sprocket eliminates slippage and prevents skids from twisting during conveying
- Energy savings due to full plastic chain design which offers reduced weight and low friction
- Optimized stiffness through narrow hinge design and large pin diameter
- Easy installation and maintenance
- Chain damage can be repaired by replacing a single link at a time
- Standard equipped with wear resistant PBT pins
- The flat headed diamond profile provides a superior anti-sliding facility

Conveyor equipped with Rexnord 1020 Series MatTop Chain

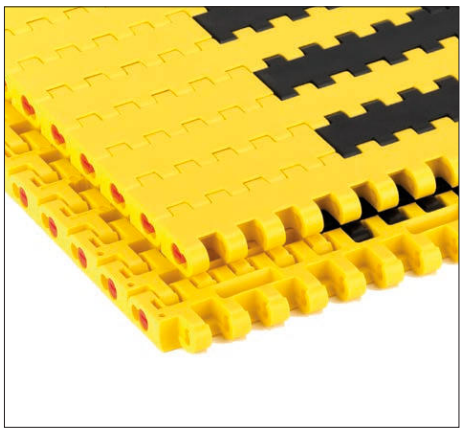
Product Information

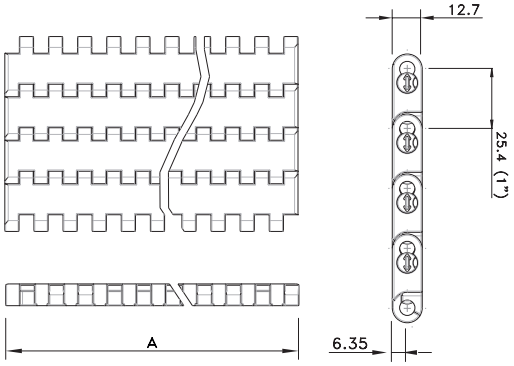
- The one-inch (25.4 millimeters) pitch modules minimizes chordal action around the drive and idler sprockets.
- Sprockets are standard available in 18 and 21 teeth. For FR-ESD material the sprockets will be supplied with an extended pitch.

Conveyor equipped with Rexnord 1020 Series MatTop Chain

Solid Top 1025

P. XXX

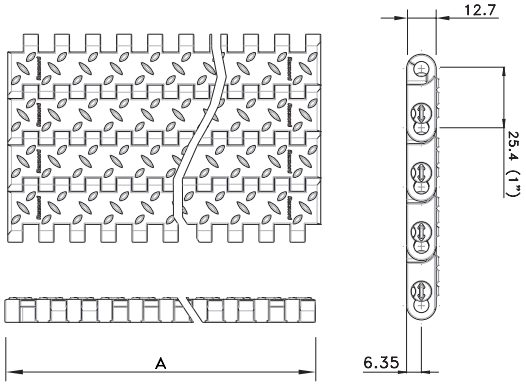




Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
BM-Acetal with PBT Pins							
Standard	BM1025	I1025BMKXX	-40 to +80	up to 65	41000	13.50	25
HCAS-Acetal with PBT Pins							
Standard	HCAS1025	I1025HCASKXX	-18 to +80	-18 to +66	28000	13.50	25
FR-ESD-Polyamide with PBT Pins							
Standard	FR-ESD1025	I1025FRESDKXX	-18 to +80	Not recom-mend	22000	13.50	25

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request.

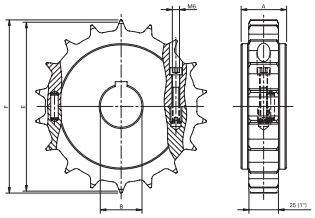
Safety Top 1029



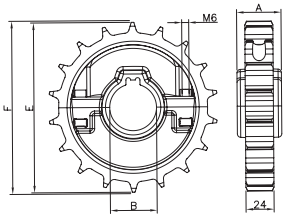
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
BM-Acetal with PBT Pins							
Standard	BM1029	I1029BMKXX	–40 to +80	up to 65	41000	13.50	25
HCAS-Acetal with PBT Pins							
Standard	HCAS1029	I1029HCASKXX	-18 to +80	-18 to +82	28000	13.50	25
FR-ESD-Polyamide with PBT Pins							
Standard	FR-ESD1029	I1029FRESDKXX	-18 to +80	Not recom-mend	22000	13.50	25

* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request.

Split Sprockets and Idlers Machined



Split Sprockets and Idlers Moulded



Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	OutKUSde Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets and Idlers Machined						
Sprockets with Round Bores						
KUS1005-18T_30MM_1KW_PA	10148133	18	30 mm	146.3	145.3	38
KUS1005-18T_40MM_1KW_PA	10148132	18	40 mm			
KUS1005-21T_30MM_1KW_PA	10331515	21	30 mm	170.4	169.7	
KUS1005-21T_40MM_1KW_PA	10332229	21	40 mm			
KUS1005-18T_1IN_1KW_PA	10326649	18	1.0”	146.3	145.3	
KUS1005-18T_1-1/2IN_1KW_PA	10148136	18	1.5”			
KUS1005-21T_1IN_1KW_PA	10326647	21	1.0”	170.4	169.7	
KUS1005-21T_1-1/2IN_1KW_PA	10326987	21	1.5”			
Idlers						
KUS1005-18T_30MM_I_PA	10148135	18	30 mm	146.3	145.3	38
KUS1005-18T_40MM_I_PA	10148134	18	40 mm			
KUS1005-21T_30MM_I_PA	10331517	21	30 mm	170.4	169.7	
KUS1005-21T_40MM_I_PA	10332231	21	40 mm			
KUS1005-18T_1IN_I_PA	10326650	18	1.0”	146.3	145.3	
KUS1005-18T_1-1/2IN_I_PA	10148138	18	1.5”			
KUS1005-21T_1IN_I_PA	10326648	21	1.0”	170.4	169.7	
KUS1005-21T_1-1/2IN_I_PA	10326988	21	1.5”			
Sprockets with Square Bores						
KUS1005-18T_40MM_S_PA	10148130	18	40 mm	146.3	145.3	38
KUS1005-21T_40MM_S_PA	10332228	21	40 mm	170.4	169.7	
KUS1005-18T_1-1/2IN_S_PA	10148131	18	1.5”	146.3	145.3	
KUS1005-21T_1-1/2IN_S_PA	10326943	21	1.5”	170.4	169.7	

Split sprockets with keyways are ’tight fit’ onto the shaft and can be used for belt widths up to 680 mm and temperature differences of max. 30°C. For wider belts or bigger temperature differences, square bores have to be used.

Square sprockets can be used on the drive- and on the idler shaft. They ‘float’ freely on the shaft.

Split Sprockets and Idlers Moulded						
Sprockets						
NSH1005-13T_40MM_1KW_PA	10298197	13	40 mm	106,1	104,2	38
NSH1005-14T_40MM_1KW_PA	10298200	14	40 mm	114,1	112,5	
NSH1005-15T_40MM_1KW_PA	10298198	15	40 mm	122,1	120,7	
NSH1005-16T_40MM_1KW_PA	10349723	16	40 mm	130,2	128,9	
NSH1005-18T_40MM_1KW_PA	10298199	18	40 mm	146,3	145,3	
NSH1005-21T_40MM_1KW_PA	10292134	21	40 mm	170,4	169,7	
Idlers						
NSH1005-13T_40MM_I_PA_GN	10678781	13	40 mm	106,1	104,2	38
NSH1005-14T_40MM_I_PA_GN	10678785	14	40 mm	114,1	112,5	
NSH1005-15T_40MM_I_PA_GN	10678782	15	40 mm	122,1	120,7	
NSH1005-16T_40MM_I_PA_GN	10678796	16	40 mm	130,2	128,9	
NSH1005-18T_40MM_I_PA_GN	10678783	18	40 mm	146,3	145,3	
NSH1005-21T_40MM_I_PA_GN	10678783	21	40 mm	170,4	169,7	

Food processors require conveying systems that are tailored to the unique needs of the industry and individual applications.
Too often, conveyor belt manufacturers develop products that serve a variety of industries, forcing food processors to make small compromises that could affect operations and product quality.
With these challenges in mind, Rexnord created the 1090 Series KleanTopTM belt. Unlike similar belts on the market, the 1090 Series was designed for the food industry, offering the optimal combination of ease in cleaning and strength.

Retains Product Quality

Key features of the 1090 Series ensure products are made consistently and safely. The scalloped bottom of the belt enables it to run on a roller instead of a sprocket. This feature is optimal for applications requiring efficient cooling, ensuring air moves consistently and without dead spots usually found around wear strips.
With a roller there is also the added bonus of cost savings in sprocket inventory and maintenance.

Effective Cleaning

Hinge areas are often difficult to see and clean. The 1090 Series features an open hinge design, giving access to the hinge so regular hygiene practices are effective in keeping the hinge area sanitary. The open hinge also provides the benefit of abrasion resistance, enabling the rod to last as long as possible.

Superior Industry Performance

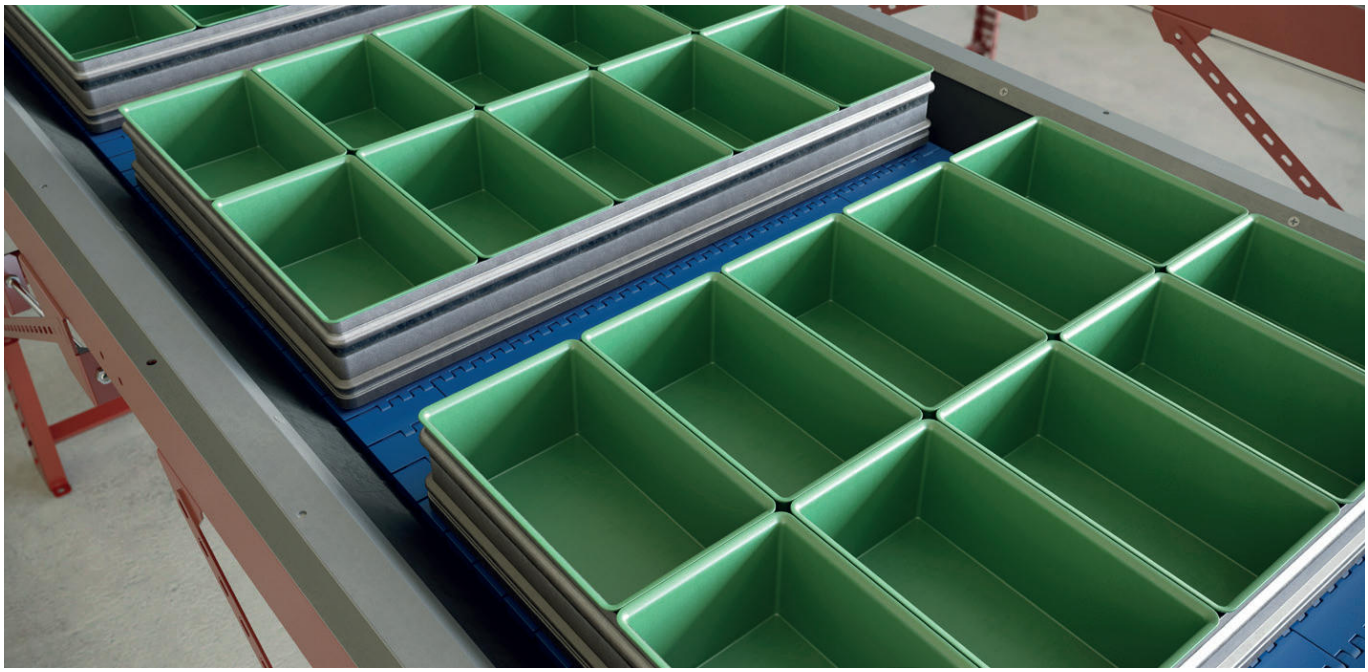
Given the combination of features and benefits, the 1090 Series provides superior performance in food conveying applications for the following food processors:

- Baking
- Snack Food
- Fruit and Vegatable
- Seafood

Conveyor equipped with Rexnord 1096 Series KleanTop Belt.

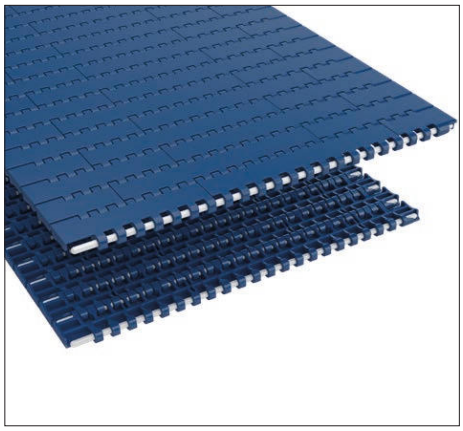
Product Information

- Plastic modular belt available in minimum width of four inches and increments of a half-inch.
- Flush grid version available with 45 percent open area.
- Machined sprockets available in 12-, 18- and 20-teeth execution in both single piece (KU) and split (KUS) designs.
- Available in FDA-approved white and blue materials for visual contrast and identification.
- One- and two-inch high flights with non-stick ribs.
- One- and two-inch high sideguards.



Conveyor equipped with Rexnord 1095 Series KleanTop Belt.

Flat Top 1095



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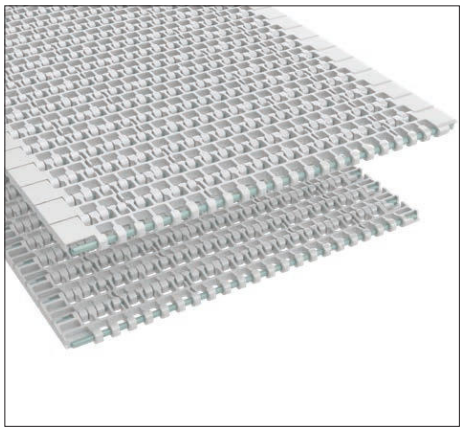
Rexnord 1095 Series KleanTop Belt Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range ºC	
			N/m / lbs/ft	kg/m / lbs/ft	mm / in	Dry	Wet
FlatTop 1095	SMB (Blue)	PBT	1.500 / 21.884	1.48 / 7.23	0.680 / 17.2	-40 /82	-40 / 66
FlatTop 1095	WHT (White)	PBT	900 / 13.130	0.95 / 4.64		4 / 104	4 / 100
FlatTop 1095	BHT (Blue)	PBT	900 / 13.130	0.95 / 4.64		4 / 104	4 / 100

General information:

• Plastic modular belt available in minimum width of four inches and increments of a half-inch

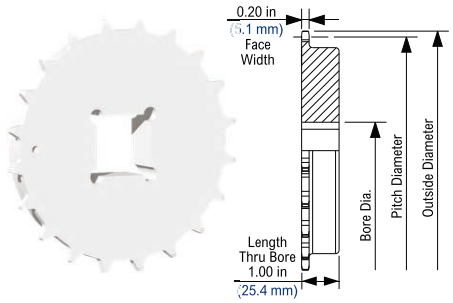
Flat Top 1096



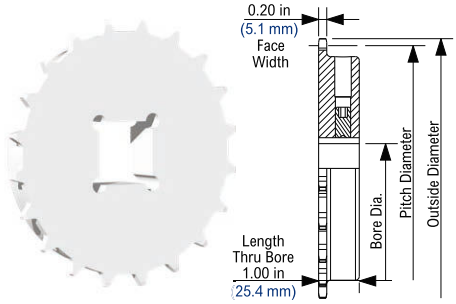
Rexnord 1096 Series KleanTop Belt Material Overview

Chain Type	Material	Standard Pin Material	Working Load (max)	Weight	Backflex Radius (min)	Temperature Range ºC	
			N/m / lbs/ft	kg/m / lbs/ft	mm / in	Dry	Wet
Flush Grid 1096	SMB (Blue)	PBT	1.500 / 21.884	1.12 / 5.47	0.680 / 17.2	-40 /82	-40 / 66
Flush Grid 1096	WHT (White)	PBT	900 / 13.130	0.72 / 3.52		4 / 104	4 / 100
Flush Grid 1096	BHT (Blue)	PBT	900 / 13.130	0.72 / 3.52		4 / 104	4 / 100

KU1090 Thermoplastic Sprocket



KUS1090 Thermoplastic Split Sprocket



KU1090 Thermoplastic Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
		in		mm		in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
12T	12T	3.9	98.2	3.9	98	1	1-3/4	25	45	1	1-19/32	25	40	1	2-1/2	25	65	0.26	0.12
18T	18T	5.8	146.3	5.8	147.3	1	3-19/64	25	80	1	3	25	75	1	4-1/2	25	115	0.77	0.35
20T	20T	6.4	162.4	6.5	163.9	1	3-1/2	25	85	1	3-19/64	25	80	1	5	25	127	0.95	0.43

KUS1090 Thermoplastic Split Sprocket Information

Number of Teeth		Pitch Diameter		Outside Diameter		Bore Diameter (Shaft-Ready)								Bore Diameter (Idler)				Approximate Weight	
						Round				Square									
		in		mm		in		mm		in		mm		in		mm			
actual	effect	in	mm	in	mm	min	max	min	max	min	max	min	max	min	max	min	max	lbs	kg
12T	12T	3.9	98.2	3.9	98	-	-	-	-	1	1.5	25	35	-	-	-	-	0.24	0.11
18T	18T	5.8	146.3	5.8	147.3	1	2-3/4	25	70	1	2.8	25	70	1	3-19/64	25	80	0.82	0.37
20T	20T	6.4	162.4	6.5	163.9	1	3	25	75	1	3.3	25	80	1	3-1/2	25	85	1.00	0.45

The 7700-Series 1-inch pitch heavy-duty belt is used for a large variety of applications. Because of its robust design these belts are common for glass works and automotive industry. 7700-Series is available in a closed, two open, a rubber top and a LBP execution. For single lane conveying several mold-to-width executions with Tab Guides are available. For applications in glass works and beverage industry the Dynamic Transfer System is a proven solution. As a standard the belts are supplied in high-performance acetal and polypropylene.

Features

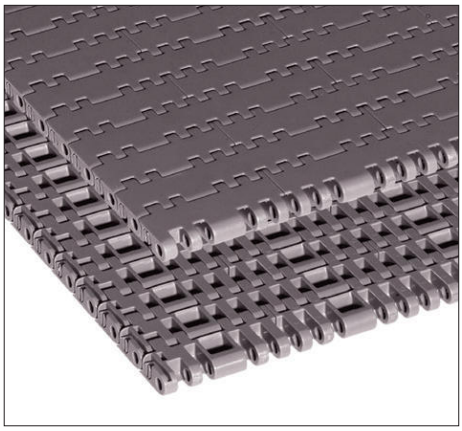
- Robust ½-inch thick module design means very high strength.
- HP acetal reduces friction, offers excellent wear resistance and creates dry-running possibilities.
- Rounded outside edges for better side transfers and improved product handling.
- Twist-lock™ pin retention by means of a hinged plug prevents plug loss and allows easy pin access for installation and maintenance.
- Dynamic Transfer System (DTS®) creates smooth 90° transfers.
- Belt and sprocket design ensure an optimum engagement and a reliable drive.
- 7700-Series belts are companioned by FTM 1055 or FT 1055 chainbelts, to make a perfect match between straight running and sideflexing conveyors; 1055 can also be driven by NS 7700 sprockets.

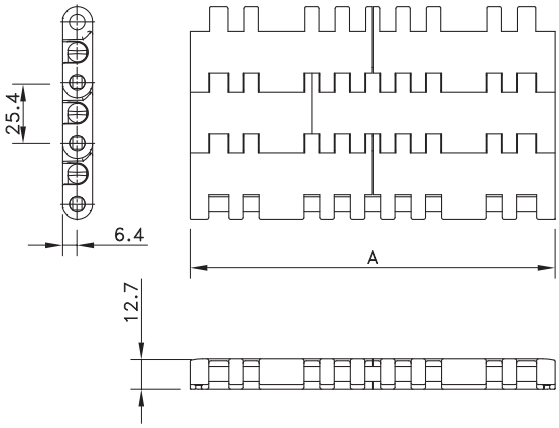
Programme	
7705 Solid Top	Closed surface; for heavy-duty glass and PET applications metric version can optionally be equipped with Positrack
7706 Perforated Top	8% Open area; for amongst others can handling
7708 Perforated Top	20% Open area; for amongst others warmers and coolers
7705 Rubber Top	For inclined and declined conveyors up to 20°; available upon request
Positrack	Tabs for accurate guiding of the belt in the conveyor (metric execution and DTS only)
DTS®	Single module Dynamic Transfer System for left- or right hand self-clearing transfers to avoid dead plates at 90° transfers; as a standard equipped with Positrack guiding

Bottle transfer with 7705 belt

Conveyor with TCF7705 Belt

Solid Top 7705

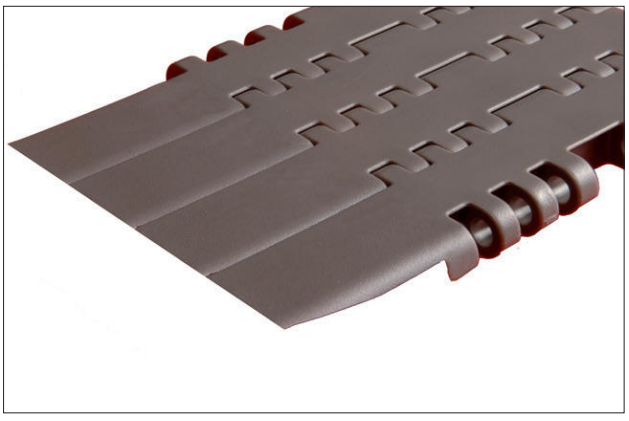


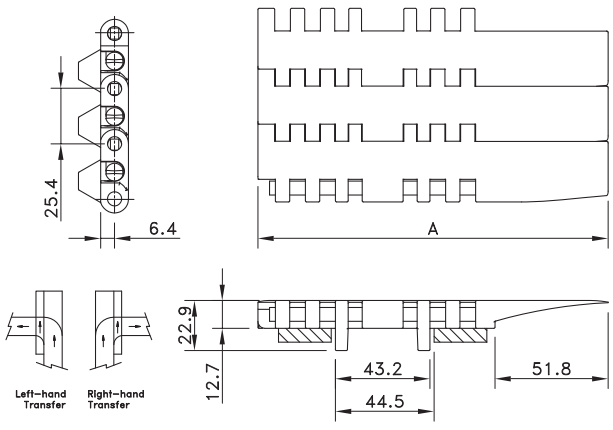


P. 172

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with PBT Pins							
Standard	HP 7705	I7705HPKxx	-40 to +80	-40 to +65	43000 N/m	13.47 kg/m²	25
DTS Left Positrack	HP7705DTS-4.5IN_MTW_PT_LH	10028409					
	HP7705DTS-7.5IN_MTW_PT_LH	10374619					
DTS right Positrack	HP7705DTS-4.5IN_MTW_PT_RH	10028410					
	HP7705DTS-7.5IN_MTW_PT_RH	10028415					
Mould to width positrack	HP7705-3.25IN_MTW_PT	10028408			3047 N	1.03 kg/m	
	HP7705-4.5IN_MTW_PT	10028412			4559 N	1.39 kg/m	
	HP7705-7.5IN_MTW_PT	10285507			7784 N	2.58 kg/m	
BWX-Polyamide with Polyacetal Pins							
Standard	BWX7705	BWX7705-xx	-40 to +80	Not recom-mended	43000 N/m	13.47 kg/m²	25
Mould to width positrack	BWX7705-3.25IN_MTW_PT	10146200			3047 N	1.03 kg/m	
	BWX7705-4.5IN_MTW_PT	10146012			4559 N	1.39 kg/m	
	BWX7705-7.5IN MTW PT	10282299			7784 N	2.58 kg/m	

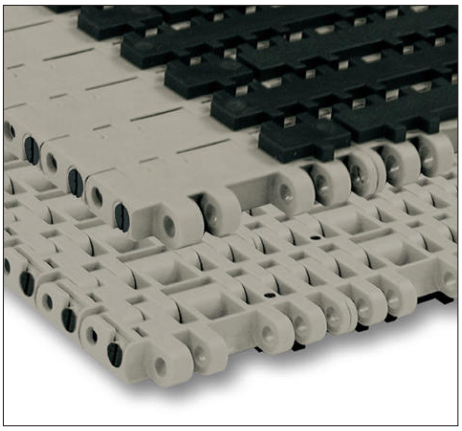
* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120". Special widths start from 5" with ½" increments. see also page 208. Upon request 7705 belts can be supplied in metric versions. 7705 belts are also available with rubber top in HTF and TCF versions. Please contact Customer Service for more details.

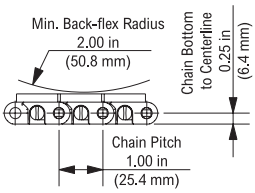


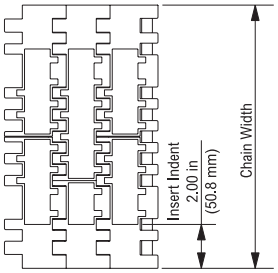


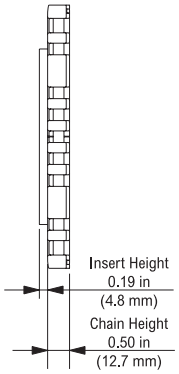
Dynamic Transfer System (DTS®)

Rubber Top 7705





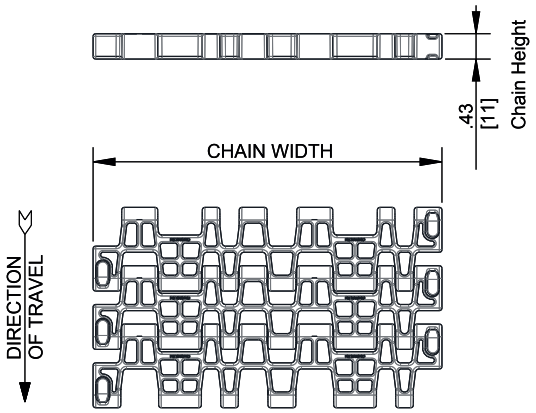




P. 172

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
TCF-Tough Composite Friction Top							
Standard	TCF 7705	TCF7705-xx	-40 to +80	-40 to +65	32000 N/m	12.84 kg/m²	25
HTF-High Temperature Friction Top							
Standard	HTF 7705	HTF7705-xx	+4 to +104	+4 to +104	26000 N/m	10.59 kg/m²	25

HTX7748



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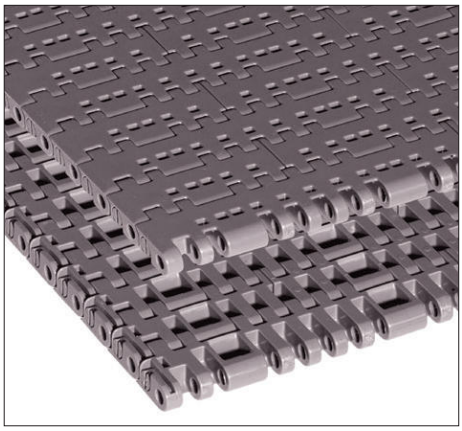
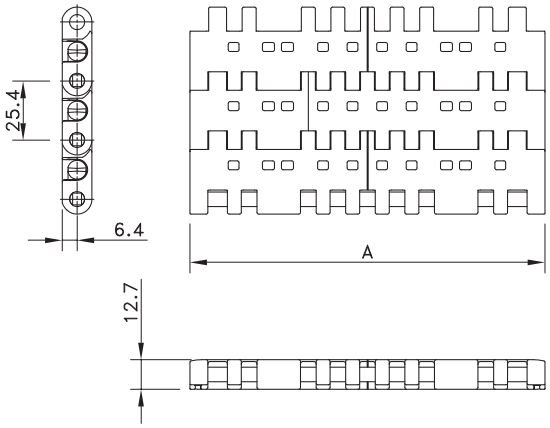
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HTX-Advanced Performance Polymer Alloy with stainless steel pins							
Standard	HTX7748	I7748HTXKxx	Dry: max -40 to +135 min Wet: max -40 to NR		29.180	10.36	25

* In code numbers xx corresponds with the belt width (A). Standard nominal widths of these belts begin at 225 mm with 75 mm increments up to 2475 mm. Other sizes upon request. See also page 208.

Perforated Top 7706





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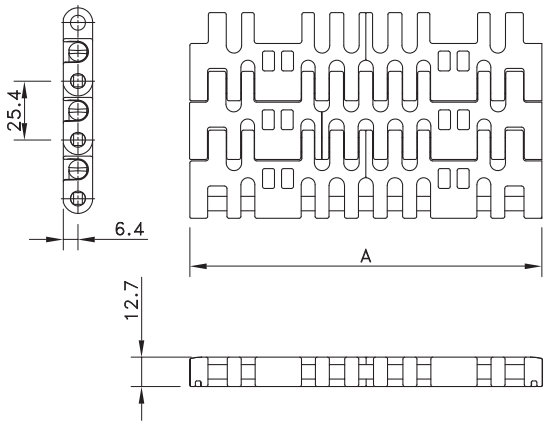
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HP-Acetal with Polypropylene Pins							
Standard	HP 7706	I7706HPKxx	-40 to +80	-40 to +65	43000	13.18	25

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120". Special widths start from 5" with ½" increments. See also page 208.

For DTS, modules from page 172 are used.

7706 belts can be supplied in metric versions upon request.

Perforated Top 7708

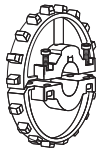


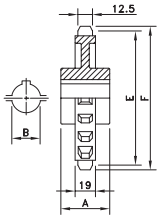
P. 185

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backfl ex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HT-Polypropylene with Polypropylene Pins							
Standard	HT 7708	I7708HTKxx	4 to 100	4 to 100	26000	7.81	25
USP-Polypropylene with Polypropylene Pins							
Standard	USP 7708	USP7708Kxx	4 to 100	4 to100	26000	7.81	25

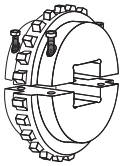
* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 3" increments up to 120". Special widths start from 5" with ½" increments. See also page 208.

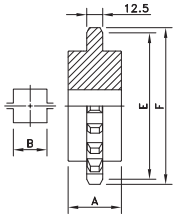
Split Sprockets Injection Moulded





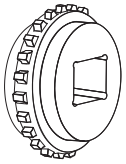
Split Sprockets Machined

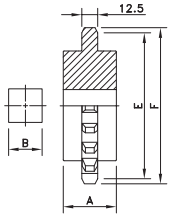




Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Round Bores						
NS7700-16T_25MM_1KW_PA	10028572	16	25	130.2	130.6	51
NS7700-16T_30MM_1KW_PA	10019897	16	30			
NS7700-16T_35MM_1KW_PA	10331967	16	35			
NS7700-16T_40MM_1KW_PA	10028573	16	40			
NS7700-18T_25MM_1KW_PA	10028579	18	25	146.3	146.9	
NS7700-18T_30MM_1KW_PA	10019875	18	30			
NS7700-18T_35MM_1KW_PA	10028581	18	35			
NS7700-18T_40MM_1KW_PA	10028583	18	40			
NS7700-21T_25MM_1KW_PA	10028594	21	25	170.4	170.7	
NS7700-21T_30MM_1KW_PA	10331629	21	30			
NS7700-21T_35MM_1KW_PA	10331966	21	35			
NS7700-21T_40MM_1KW_PA	10028595	21	40			
Square Bores						
KUS7700-16T_40MM_S_PA	10332278	16	40	130.2	130.6	51
KUS7700-18T_40MM_S_PA	10332294	18	40	146.3	146.9	
KUS7700-18T_50MM_S_PA	10332896	18	50			
KUS7700-21T_40MM_S_PA	10332282	21	40	170.3	170.7	
KUS7700-21T_50MM_S_PA	10332884	21	50			
KUS7700-21T_60MM_S_PA	10333321	21	60			

Classic Sprockets Machined





Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Square Bores						
KU7700-18T_50MM_S_PA	10332774	18	50	146.3	146.9	51
KU7700-18T_60MM_S_PA	10072754	18	60			
KU7700-21T_50MM_S_PA	10332777	21	50	170.3	170.7	
KU7700-21T_60MM_S_PA	10333240	21	60			
KU7700-21T_65MM_S_PA	10333456	21	65			
KU7700-25T_50MM_S_PA	10332778	25	50	202.7	204.2	

Round bores are available upon request.

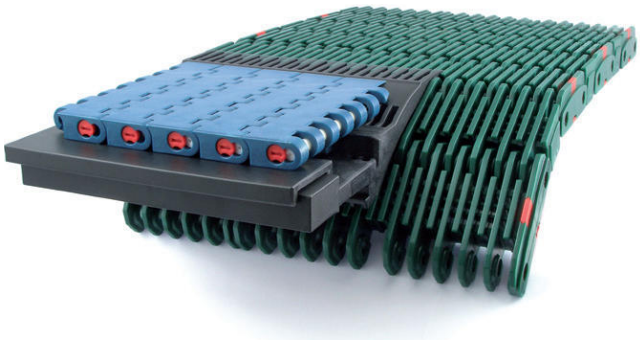
Notes

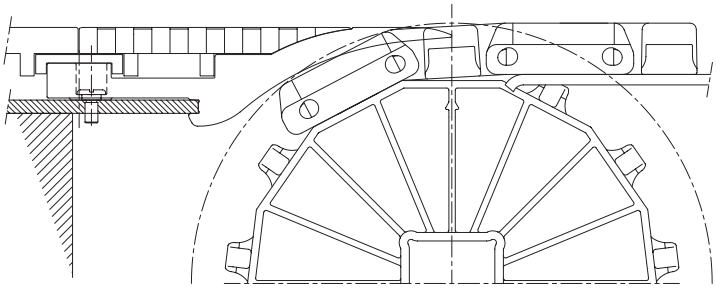
www.rexnord.com
Please contact our Application Engineers at +31 174 445 111 for assistance with product selection.

The 2000-Series 2-inch pitch belt is typically used in heavy-duty applications, such as pasteurizers, palletizers and accumulation tables. The modules are designed with rigid cross ribs and the multi-angular sprockets support the modules optimally. As a standard the belts are supplied in high-temperature and chemical resistant polypropylene.

Features

- Pin retention by means of clips for easy installation and maintenance.
- Cross rib design creating a high stiffness of the modules to handle huge product loads and taking care of a flat surface for optimum product handling.
- Superb product handling from and onto the belt by using DTS-C® transfer system in combination with Raised Rib 2000.

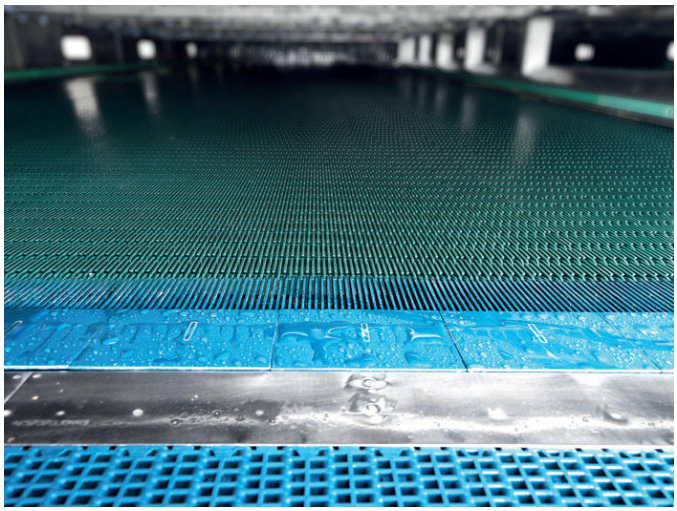




This system consists of a static fingerplate combined with a moving DTS® or FreeFlow belt. The belt is positioned in the surface of the DTS-C® fingerplate, enabling self-clearing transfers; this is important if changing from one product batch to another in a filling/processing line and if "hot-filled" products should not stay on the infeed transfer of the cooler.
The DTS-C® transfer eliminates sweepers for better line efficiency. The DTS® belt in the system and the chain or belt on the main infeed or outfeed conveyor are supported by the same central wearstrip on the fingerplate, saving installation time and avoiding conveyor height adjustments.

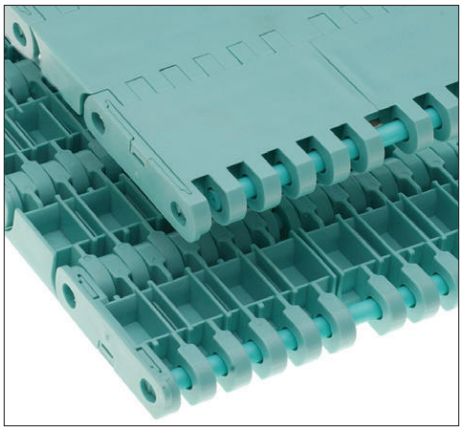
Programme	
2000 Flat Top (FT)	Closed surface; for large and heavy products
2000 Flush Grid (FG)	31% Open area; this guarantees optimum water- and airflow and allows pollution to fall through; suitable for amongst others food and automotive applications
2000 Raised Rib Heavy Duty (RRHD)	27% Open area; reinforced to deal with the difficult conditions in (one way) glass pasteurizers and dual purpose applications (cans and bottles)
2000 Super Rib (SR)	27% Open area; Full reinforced Super Rib design. Designed to deal with the difficult conditions in Glass pasteurizers and dual purpose applications (cans and bottles). SR 2000 chains are also suitable for PET handling
Positrack	Lugs in Raised Rib executions for reliable and accurate tracking of the belt in pasteurizer tunnels, allowing optimal use of the belt surface
Fingerplates	DTS® System for self-clearing transfers, standard click-comb for cans and click-comb for glass applications, resulting in precise transfers

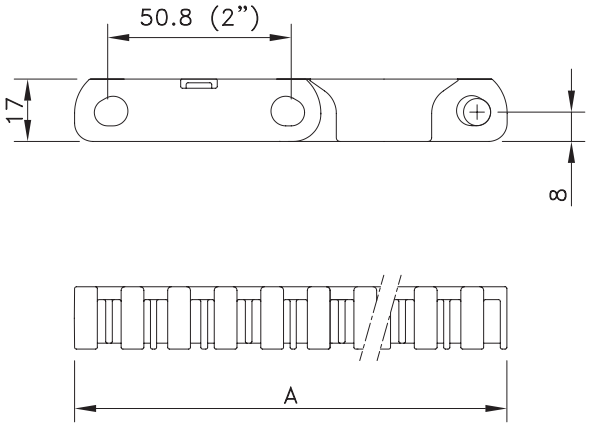
Glass bottle warmer with 2000 raised rib belt and DTS-C® transfer



Bottle accumulating on 2000 belt

Flat Top 2000





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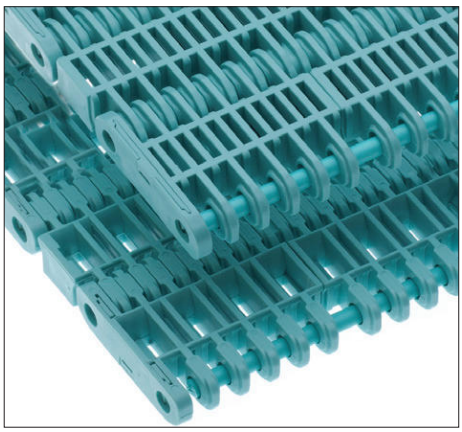
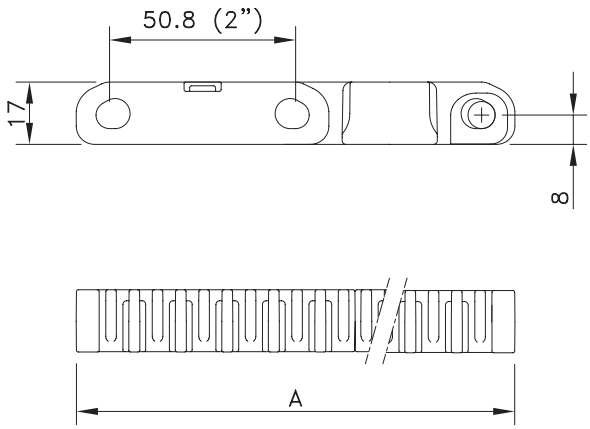
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XP-Polypropylene with Polypropylene Pins							
Standard	XP 2000 FT	838.30.xx	4 to 104	4 to 104	29500	8.20	45

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". See also page 223.

Flush Grid 2000



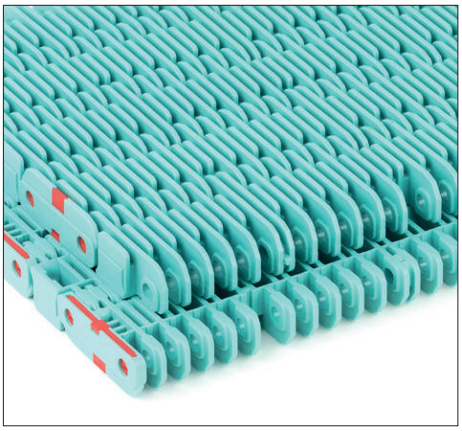


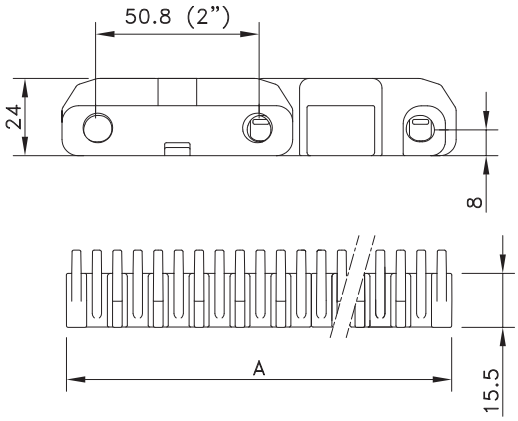
P. 196

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XP-Polypropylene with Polypropylene Pins							
Standard	XP2000FG	838.40.xx	4 to 104	4 to 104	29500	7.55	35

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". See also page 223.

Raised Rib 2000 Heavy Duty





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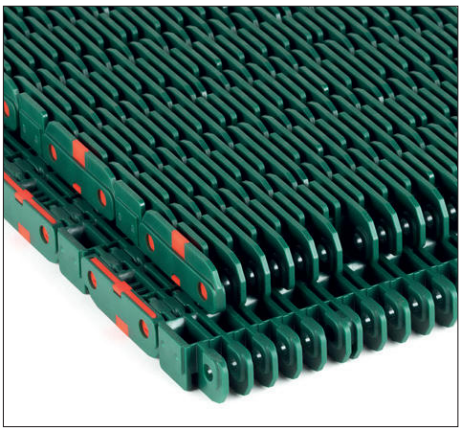
P. 196

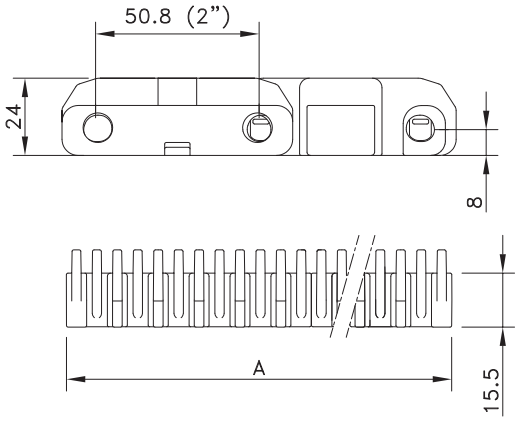
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XP-Polypropylene with Polypropylene Pins							
Standard	RRHD 2000 XP	838.10.xx	4 to 104	4 to 104	29500	10.60	75
Positrack	RRHDP 2000 XP	838.90.xx					

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9". See also page 223.

Chain assembly tool (chain tensioner) code 10361333.

Raised Rib 2000 Heavy Duty





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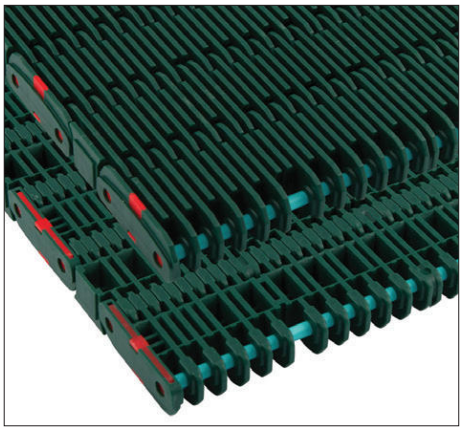
P. 196

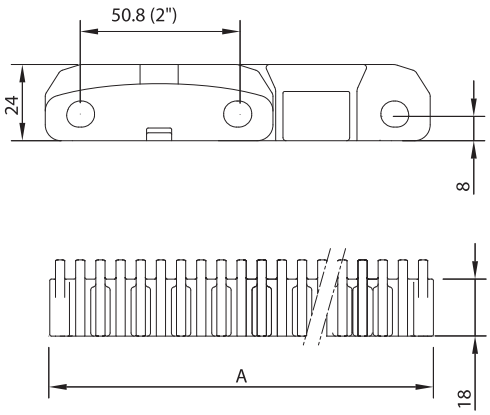
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
USP-Polypropylene with Polypropylene Pins							
Standard	RRHD 2000 USP	881.60.xx	4 to 104	4 to 104	29500	11.20	75
Positrack	RRHDP 2000 USP	881.90.xx					

* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9". See also page 223.

Chain assembly tool (chain tensioner) code 10361333.

Super Rib 2000





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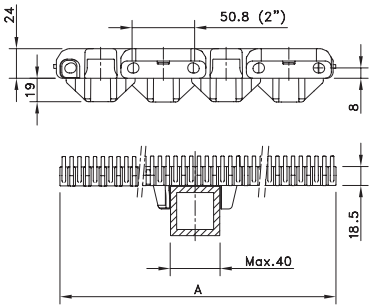
P. 196

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
USP-Polypropylene with Polypropylene Pins							
Standard	SR 2000 USP	881.50.xx	4 to 104	4 to 104	29500	11.20	75
Positrack	SRP 2000 USP	881.80.xx					

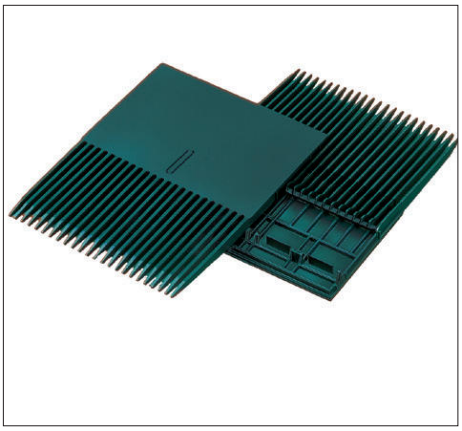
* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrack start with 12 for 9". See also page 208.

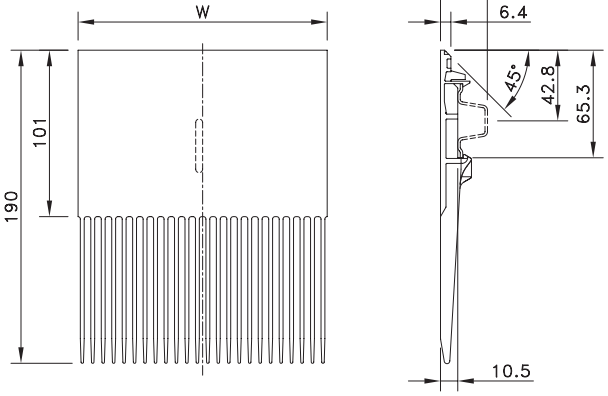
Chain assembly tool (chain tensioner) code 10361333.



Super rib 2000 belt with positrack in the center of the belt or 1.5" Offset, depending on the width

Click-Comb Fingerplates Standard





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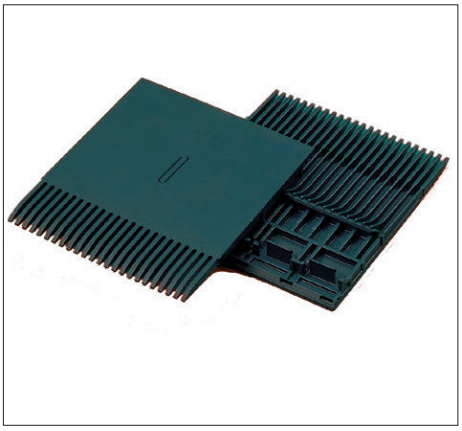
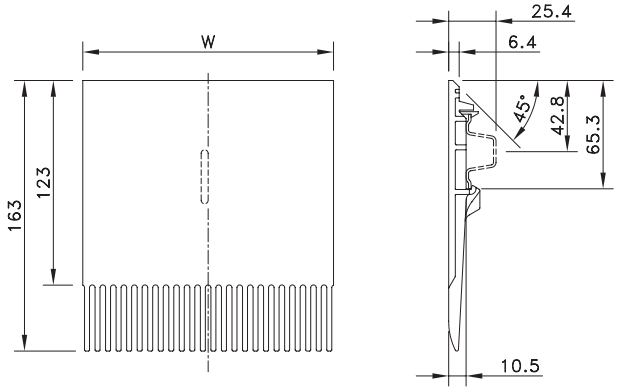
'Click-Comb' Fingerplate type	Code Number	Length	Width W	Weight ≈
		mm	mm	kg
XLG-Acetal				
TRAN PLT COMB XLG2000 190X152MM_OMEGA	10147612	190	151	0.16
TRAN PLT COMB XLG2000-190X74MM_HIGH	10362004	190	74	0.08

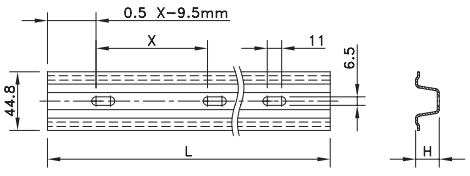
Click-Comb Fingerplates for Glass Handling





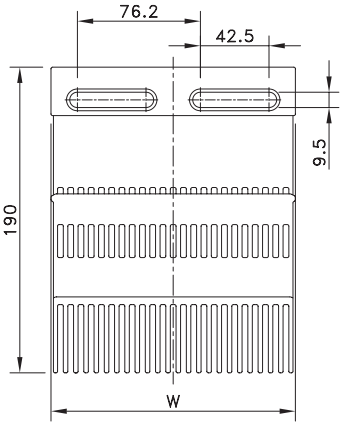
P. 193,194

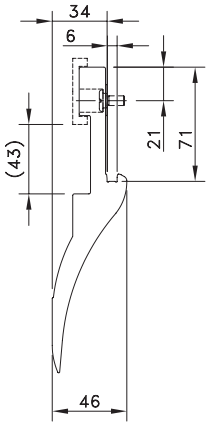
'Click-Comb' Fingerplate type	Code Number	Length	Width W	Weight ≈
		mm	mm	kg
XLG-Acetal				
TRAN PLT COMB XLG2000 163X152MM_GLASS	10147614	163.1	151	0.16
TRAN PLT COMB XLG2000-163X74MM_GLASS	10362005	163.1	74	0.08



Code Number	Length L	Type	Weight	Pitch X		Number of Pitches	Height H
	mm		kg	mm	inch		mm
Profiles for Fingerplates							
Stainless Steel							
10724982	3040	Prof. For comb H=15 mm L=3040 mm	2.44	76.2	3.00	39.9	15

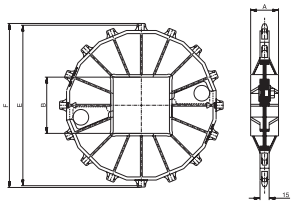
DTS-C® Transfer System for Pasteurizers



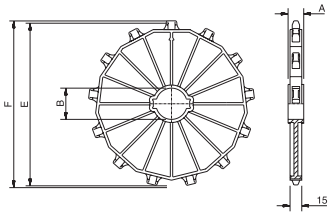


Product	Code Number	Length	Width W	Weight ≈
		mm	mm	kg
Reinforced Polyamide				
TRAN PLT DTS-C 2000-1005 190X152MM WH	10296369	190	152	0.25
*DTS-C is optimized for 16 tooth sprocket size				
Wearstrip DTS-C 2000				
CHN GUIDE 362 C-PROF W41XT4MM BK 3.05M	10350021	3		
CHN GUIDE 362 C-PROF W41XT4MM BK 6.05M	10324496	6		

Split Sprockets



Classic Sprockets



Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Diameter A
			mm/inch	mm	mm	mm
Split Sprockets						
Square bores						
NS2000-13T_90MM_S_POM	10291188	13	90	212.3	209.0	45
NS2000-16T_65MM_S_POM	10298195	16	65	260.4	262.0	
NS2000-16T_90MM_S_POM	10298196	16	90			
NS2000-16T_120MM_S_POM	10334389	16	120			
Classic Sprockets						
Round bores						
N2000-10T_40MM_2KW_POM	10334294	10	40	164.4	163.1	20
N2000-10T_50MM_2KW_POM	10334295	10	50	164.4	163.1	
N2000-12T_40MM_2KW_POM	10334299	12	40	196.3	196.3	
N2000-13T_65MM_2KW_POM	10334305	13	65	212.3	209.0	30
N2000-13T_90MM_2KW_POM	10334306	13	90	212.2	209.0	45
N2000-16T_90MM_2KW_POM	10148122	16	90	260.4	262.0	45
N2000-16T_2-1/2IN_2KW_POM	10327972	16	2.5”	260.4	262.0	30
Square bores						
N2000-10T_40MM_S_POM	10334296	10	40	164.4	163.1	20
N2000-10T_60MM_S_POM	10334297	10	60	164.4	163.1	30
N2000-10T_65MM_S_POM	10334298	10	65	164.4	163.1	
N2000-12T_40MM_S_POM	10334301	12	40	196.3	196.3	20
N2000-12T_60MM_S_POM	10334302	12	60	196.3	196.3	30
N2000-12T_65MM_S_POM	10334303	12	65	196.3	196.3	
N2000-13T_90MM_S_POM	10334310	13	90	212.3	209.0	45
N2000-16T_65MM_S_POM	10334314	16	65	260.4	262.0	30
N2000-16T_90MM_S_POM	10334315	16	90	260.4	262.0	45
N2000-16T_120MM_S_POM	10297110	16	120	260.4	262.0	

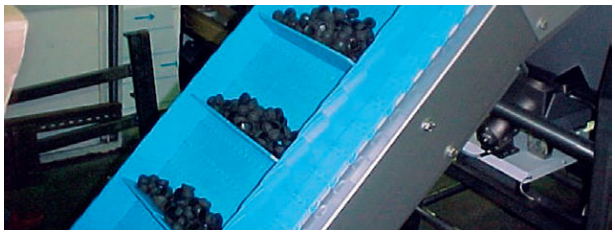
The 2010-Series 2-inch pitch belts can be used in a large variety of food applications. These belts are used on deboning and trimming lines as well as medium- and heavy-duty elevators. Due to the various executions and the large range of accessories, a tailor-made solution for each food handling application is possible.

Features

- The modules are flush all around and do not have closed or hidden pockets. Especially the large open area between the rows of hinge eyes underneath the belt offer very good accessibility for cleaning. The rod retention area is very easy to clean and because of the absence of rims or hidden areas there is no risk of dirt and debris accumulating.
- This belt is very easy to assemble or disassemble, due to the integrated locking system. With a screwdriver the rod retention finger can be positioned in either the 'locked' or the 'unlocked' position.
- The extended hinge eyes underneath the belt provide a large footprint, reducing contact pressure and wear.
  The connection of the hinge eyes with the top plate is very rigid, giving the belt excellent impact resistance.
  The large rod diameter also means less pressure and wear reduction in the hinges.
- The design of the sprocket and the belt has been optimised to ensure an excellent drive, up to the maximum working load of the belt during its whole life.
  The machined sprockets have excellent strength and cleanability.

Programme	
2015 Solid Top	Closed surface; allows cutting and deboning on the belt surface; it offers the best support to vulnerable products and prevents loss of small products
2016 Perforated Top	20% open area; this allows optimum drainage and airflow in combination with good product support due to the rectangular slots
2011 Textured Top	Small nubs prevent sticking of soft and frozen products and sliding on the belt surface
Belt accessories	Straight, curved and bucket flights for elevators and other food applications. These can be combined with conventional sideguards and integrated siderails.

Inclined conveyor for chips ftr2015 mattop chain

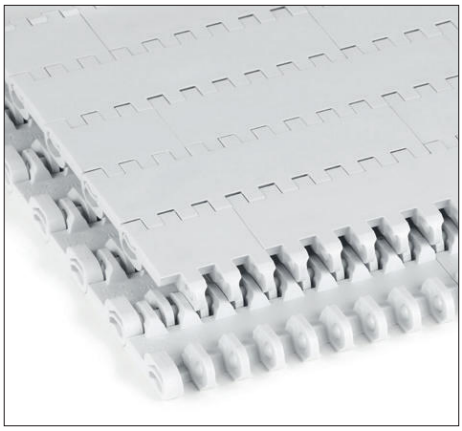


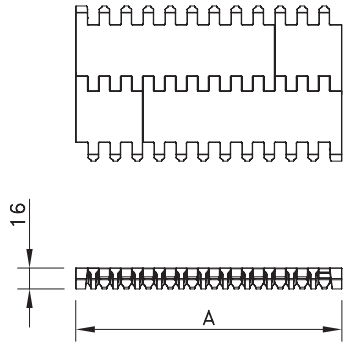
Confectionary elevating on 2015 mattop chain

Chicken deboning line with 2015 mattop chain

Infeed of inclined conveyor with 2010 isr6

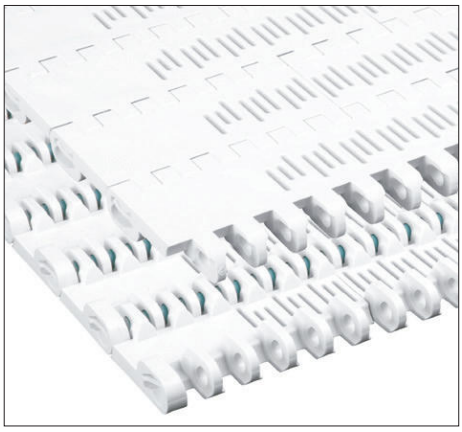
Solid Top 2015

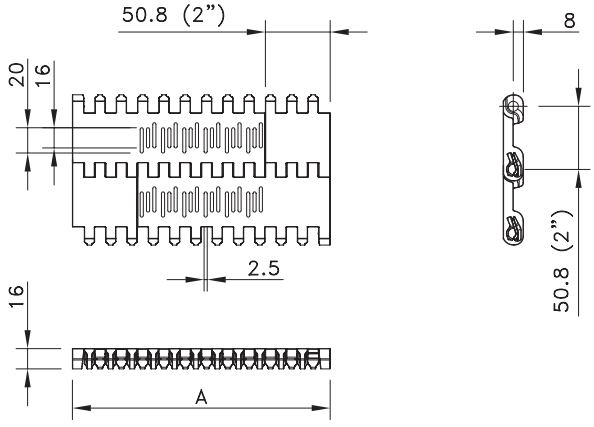




Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Polyethylene with Polyethylene Pins							
Standard	WLT 2015	846.04.xx	-70 to +35	-70 to +35	7500	9.50	87
Standard	BLT 2015	846.05.xx	-70 to +35	-70 to +35	7500	9.50	87
Polypropylene with Polypropylene Pins							
Standard	WHT 2015	849.04.xx	4 to 104	4 to 104	15000	8.90	87
Standard	BHT 2015	849.03.6xx	4 to 104	4 to 104	15000	8.90	87
Acetal with Polypropylene Pins							
Standard	WSM 2015	844.03.xx	4 to 80	4 to 65	20000	13.60	87
Standard	SMB 2015	844.02.5xx	4 to 80	4 to 65	20000	13.60	87

Perforated Top 2016

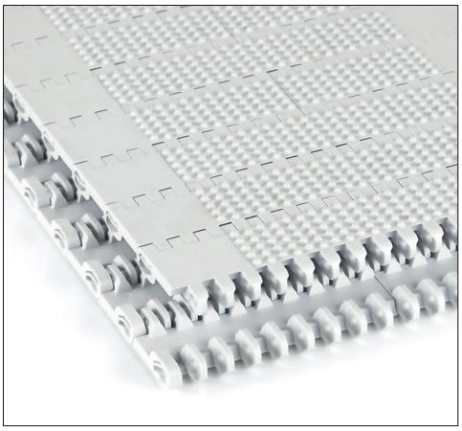


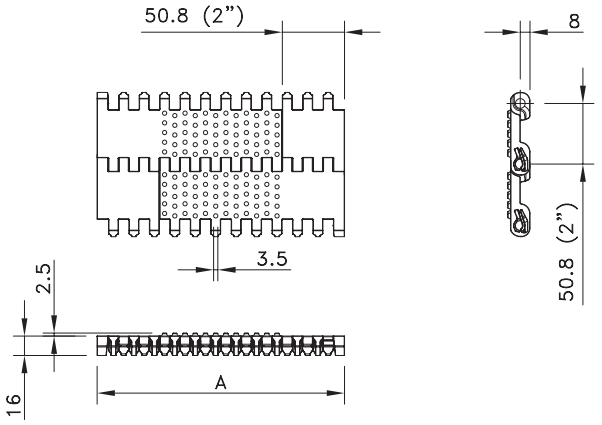


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Polyethylene with Polyethylene Pins							
Mould To Order	WLT 2016	846.07.xx	-70 to +35	-70 to +35	7500	9.50	87
Mould To Order	BLT 2016	846.09.xx	-70 to +35	-70 to +35	7500	9.50	87
Polypropylene with Polypropylene Pins							
Mould To Order	WHT 2016	849.06.xx	4 to 104	4 to 104	15000	8.90	87
Mould To Order	BHT 2016	849.04.xx	4 to 104	4 to 104	15000	8.90	87
Acetal with Polypropylene Pins							
Mould To Order	WSM 2016	844.03.xx	4 to 80	4 to 65	20000	13.60	87
Mould To Order	SMB 2016	844.04.1xx	4 to 80	4 to 65	20000	13.60	87

* Code numbers in the table correspond with 6" wide belts. Code numbers go up with 1 (e.g. 846.07.01, 846.07.02 etc.) for each standard 2" increment (8", 10" etc.) up to 120". Optionally ⅔" increments possible. See also page 208. If you require flights, sideguards or integrated siderail (ISR), please describe the belt by choosing from the options listed in the selection table on page 187.

Textured Top 2011





Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Polyethylene with Polyethylene Pins							
Mould To Order	WLT 2011	846.07.xx	-70 to +35	-70 to +35	7500	9.50	87
Mould To Order	BLT 2011	846.09.xx	-70 to +35	-70 to +35	7500	9.50	87
Polypropylene with Polypropylene Pins							
Mould to order	WHT 2011	849.06.xx	4 to 104	4 to 104	15000	8.90	87
Mould to order	BHT 2011	849.02.xx	4 to 104	4 to 104	15000	8.90	87
Acetal with Polypropylene Pins							
Mould to order	WSM 2011	844.04.xx	4 to 80	4 to 65	20000	13.60	87
Mould to order	SMB 2011	844.05.xx	4 to 80	4 to 65	20000	13.60	87

* Code numbers in the table correspond with 6" wide belts. Code numbers go up with 1 (e.g. 846.07.52, 846.07.53 etc.) for each standard 2" increment (8", 10" etc.) up to 120". Optionally ⅔" increments possible. See also page 208.

If you require flights or sideguards, please describe the belt by choosing from the options listed in the 2nd column of the table:

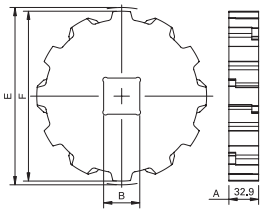
Material	**WLT, BLT, WHT, BHT, WSM** or **SMB**	
Belt type	**2011, 2015** or **2016**	
Width (A)	**K** - in inches	Belts with flights have a minimal width of 8"; smaller upon request
Flights	**F1 or F2 or F3 or F4** **F5 or F6** **C4 or C6** **DRF2 or DRF3 or DRF4 or RH..** **DRC4 or DRC6 IN** **B4 or B6**	**Straight; standard height 1" to 4" or special in mm; all materials available** **Straight; standard height 5" or 6"** **Curved; height 4" or 6"** **Ribbed straight; height 2", 3" or 4" or special in mm** **Ribbed curved; height 4" or 6"** **Bucket flight; height 4" or 6"**
Pitch between flights	**T..P**	Flights on every ..th row
Flight side-indent	**N..** (in inches)	Minimal 1⅓" with ⅔" increments; sideguards are situated at ⅓" from the flight, reducing the indent by ⅔"; if side-indent is 1⅓", sideguards are directly besides the flight, reducing the indent by ⅓"
Sideguards	**SG3**, **SG4** or **S2IN**	Standard height of 2", 3" or 4"
Integrated Siderail	**ISR4** or **ISR6**	Standard height of 4" or 6" Other sizes up on request. Side Indent in combination with ISR is always 2 ⅔ " to the flight. Flights are positioned directly against the Integrated Siderail (ISR).

* Flight materials can differ from the belt material in some flight / belt combinations. F5 and F6 are heavy duty flights. Ribbed flights can be double ribbed (both sides) or single rib depending on material and execution.

Example: BLT 2016 K10 SG4 is a 2016 Perforated Top belt, made of blue polyethylene, width 10", no flights and 4" high sideguards.

Example: BHT2015 K24 C6 T4P ISR6, is a SolidTop belt, made of blue Polyporylene, width 24", with 6" high curved pushers every 6th row and 6" high Integrated Siderail (and therefore a side indent of 2 ⅔")

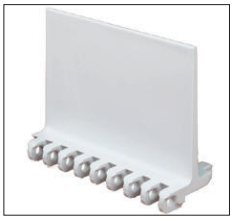
Classic Sprockets

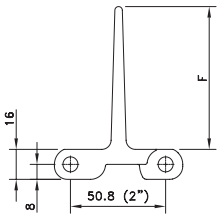


Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Classic Sprockets						
Square Bores						
KU2010-6T_40MM_S_UH	10362467	6*	40	101.6	87.0	33
KU2010-8T_40MM_S_UH	10332105	8	40	132.8	121.0	
KU2010-10T_40MM_S_UH	10332108	10	40	164.4	154.0	
KU2010-10T_60MM_S_UH	10333216	10	60			
KU2010-12T_40MM_S_UH	10332111	12	40	196.3	188.0	
KU2010-12T_60MM_S_UH	10333219	12	60			

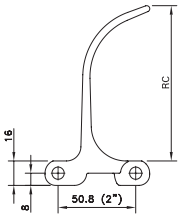
* 6 teeth sprockets are not recommended as drive sprockets.

Accessory Information:

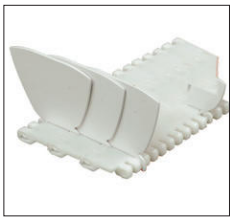


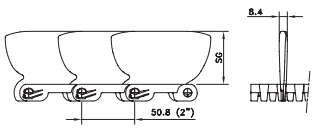


Straight Flight for 2010-Series

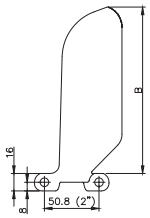


Curved Ribbed Flight for 2010-Series





Sideguards for 2010-Series



Bucket Flight for 2010-Series

The 6990-Series 2¼-inch pitch heavy-duty MatTop chain is designed for the automotive industry, to be used in long and wide conveyors, without the requirement for tensioning. The 6990 technology is suitable for minimizing the overall conveyor height construction avoiding deep pit constructions. The high load capability of these belts allow the handling of people and cars in assembly lines, water and leak testing and car wash applications. The 6990-series is available in full plastic and in the so called hybrid versions which raise the performance level of plastic modular chains. Conveyors with lengths up to 656 ft (200m) and beyond are realized. The belts are standard supplied in high-performance Acetal with a closed surface or with a (non-skid) safety top surface.

Features

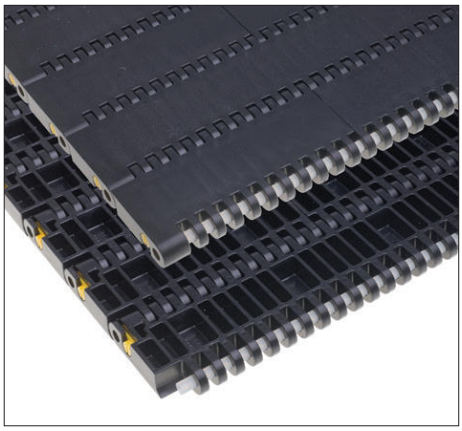
- High load capacity up to 50,000 N/m with standard pins and over 70,000 N/M with PBT Pins.
- Equally divided hinge eyes for higher chain stiffness.
- Long life chain design due to large pin diameter, optimum hinge eye width and proven wear resistant design of the chain underside.
- Easy installation and maintenance in combination with Twist-Lock® pin retention at both sides, which are easy to operate with just a screwdriver and prevent the loss of plugs; self-closing under influence of chain weight.
- Standard available in BSM Acetal and in BYSM with yellow sides for clear moving belt edge safety indication; upon request also available with red sides.
- Superior drive technology also under high loading, due to specific belt pocket and drive sprocket design.
- High strength indented pushers available for car wash and automotive applications.

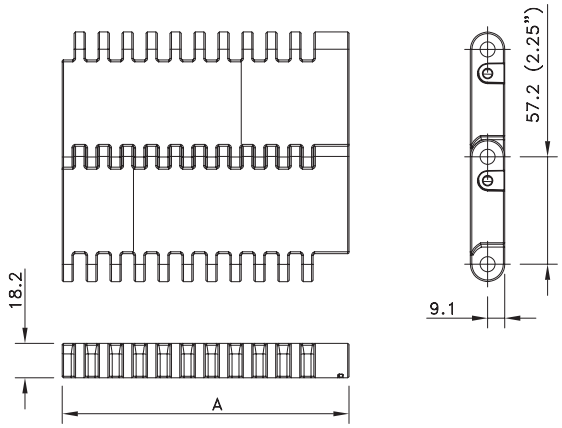
FEATURES	Rexnord 6990 Series MatTop Chain	Rexnord 6990 Series Hybrid MatTop Chain
High load capacity	High load distribution up to 50,000 N/m with standard polypropylene pins, over 70,000 N/m with PBT Pins.	Raised performance level for high loads, frequent load variation(people movers). Load distribution over .... N/m through steel tensions plates and steel pins.
Higher chain stiffness	Robust design with equally divided hinge eyes.	Integrated steel structure that creates high stiffness and strength. Smooth running chain eliminating slip-stick or pulsation. Realizing conveyors over 656 ft (200m) in applications moving people, vehicles or combinations.
Long life chain design	Large pin diameter. Optimized hinge eye width and proven wear resistant design of the chain underside.	Steel pin and wear plates guarantee extreme wear resistance.
Easy installation and maintenance	Twist-Lock® pin retention clips prevent the loss of plugs. Self-closing under influence of chain weight and easy to operate with just a screwdriver.	Twist-LockR pin retention clips prevent the loss of plugs. Self-closing under influence of chain weight and easy to operate with just a screwdriver.
Safety	Yellow or red sides for clear moving belt edge safety and belt tact zone indication. Available in flame retardant material.	Yellow or red sides for clear moving belt edge safety and belt tact zone indication. The ESD standard has the lowest surface resistivity of all competitive plastic modular chains (< 10^1 Ohms/m^2, NEN-EN-IEC 61340-4-5). Available in flame retardant material.
Superior drive technology	Smooth run due to specific belt pocket and drive sprocket design, also under high loading.	H-Style drive sprocket where sprocket tooth are located left and right of the steel Hybrid structure. Limited temperature expansion (only 10% of a plastic equivalent).
High strength indented pushers	Standard available for car wash and automotive applications.	Standard available for car wash and automotive applications.

Programme		
6995 Solid Top	Closed surface; suitable for automotive and people moving applications	
6999 Safety Top	Closed non-skid surface; prevents slipping in humid, greasy or wet environments	
6990 Hybrid H4 or H8 design	In four (H4) or eight (H8) tension plates per 12 ". The H4 is designed to run on UHMWPE sheets in ESD quality. The H8 is designed for extreme applications (high loads, increased chain stiffness) that require operation excellence.	
6990 ESD4	This chain is completely made from plastic for conveyors that require Electrostatic Dissipative (ESD) performance with four ESD or tension plates per module.	
Module materials	BSM	Acetal
	FR/FRESD	Flame retarded, meeting DIN 4102-B1
Belt accessories	T1-inch and T2-inch DIN style automotive pushers. These pushers meet the requirements of the DIN24446 standard. Pushers can be combined with 40mm high side guards. Side guards are available exclusively through selected industry channels.	
Sprockets	The machined sprockets can be supplied in many sizes in plastic or stainless steel; 6990 -9 sprockets up to 14 teeth and 6990 Hybrid sprockets (9 up to 30 teeth).	

Solid Top 6995

P. 199

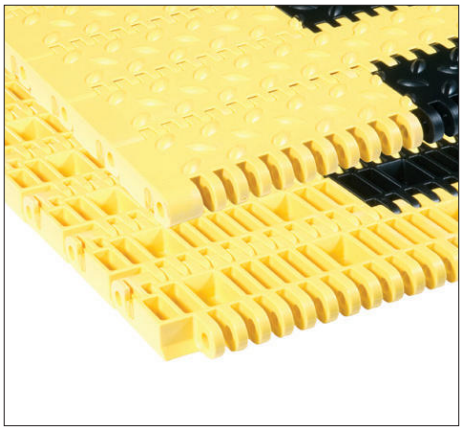


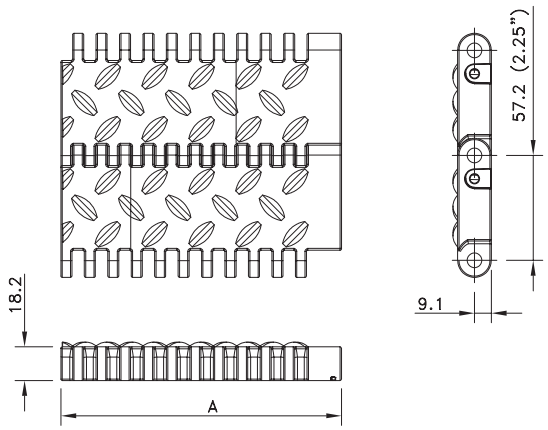


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
BSM-Acetal With Polypropylene Pins							
Standard	BSM 6995	I6995BSMKxx	4 to +80	4 to +65	51000	14.65	63.5
BYSM-Acetal With Polypropylene Pins							
Standard	BYSM 6995	I6995BYSMKxx	4 to +80	4 to +65	51000	14.65	63.5

Safety Top 6999

P. 199

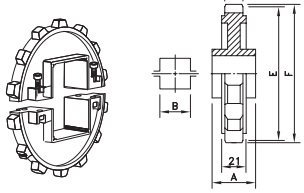




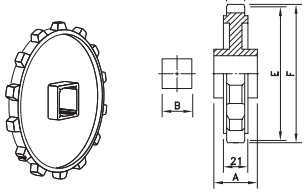
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
BSM-Acetal With Polypropylene Pins							
Standard	BSM 6999	I6999BSMKxx	4 to +80	4 to +65	51000	14.65	63.5
BYSM-Acetal with Polypropylene Pins							
Standard	BYSM 6999	I6999BYSMKxx	4 to +80	4 to +65	51000	14.65	63.5

* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 9" with 6" increments up to 190"; special widths begin at 5" with ½" increments. See also page 223.

Split Sprockets



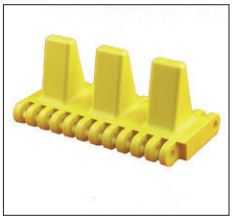
Classic Sprockets



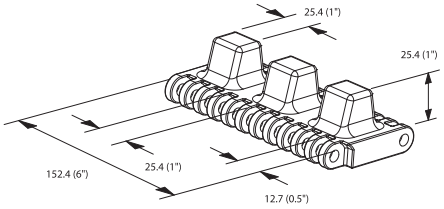
Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets						
Square Bores						
NS5996-9T_90MM_S_PA	10027448	9	90	167.1	164.1	48
NS5996-12T_90MM_S_PA	10027449	12	90	220.8	221.0	
NS5996-14T_90MM_S_PA	10028558	14	90	256.8	256.5	
NS5996-14T_120MM_S_PA	10131451	14	120			
Classic Sprockets						
Square Bores						
N5996-7T_40MM_S_POM	10013574	7	40	131.7	125.5	48
N5996-9T_40MM_S_HS	10012700	9	40	167.1	164.1	
N5996-9T_50MM_S_HS	10071980	9	50			
N5996-9T_65MM_S_HS	10070046	9	65			
N5996-14T_40MM_S_HS	10070601	14	40	256.8	256.5	
N5996-14T_50MM_S_HS	10070602	14	50			
N5996-14T_65MM_S_HS	10069276	14	65			
N5996-14T_90MM_S_HS	10012489	14	90			

HS suitable for hot and humid applications.

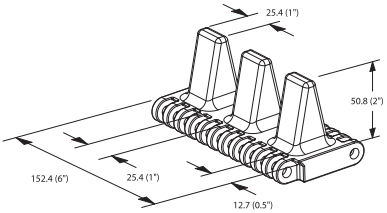
Accessory:



DIN Style Pusher 6990

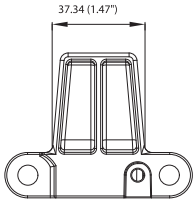


T1 Dimensions

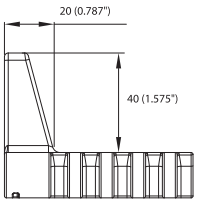


T2 Dimensions

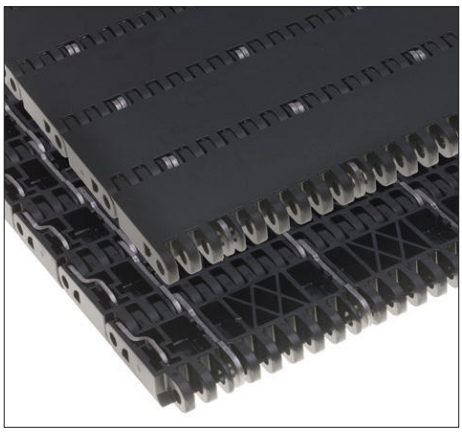
DIN Style Sideguard 6990

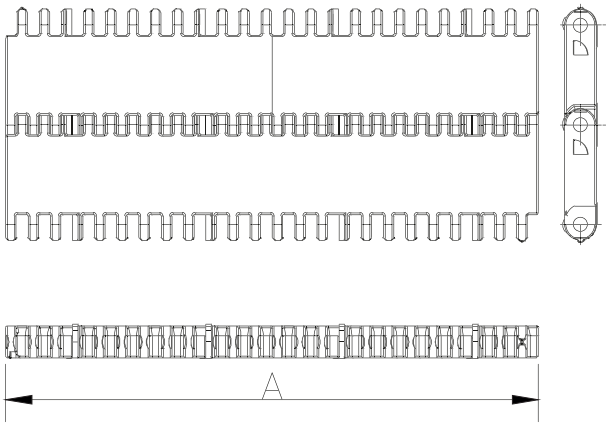


H40 Dimensions



Solid Top 6995 H4



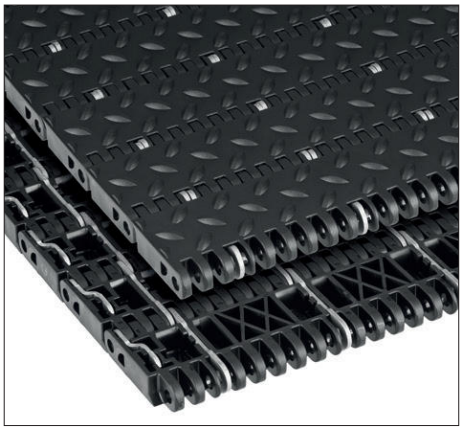


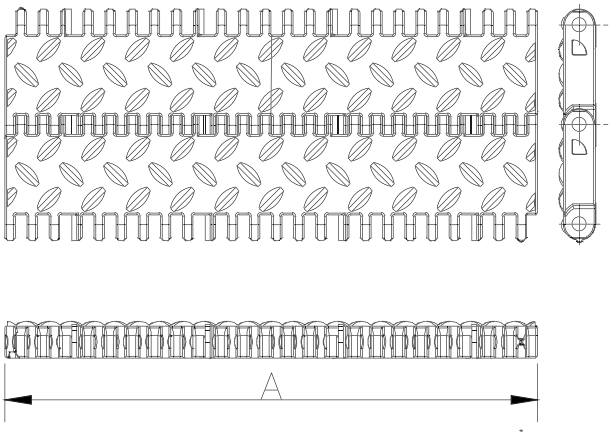
P. 204

Chain Type	Code Number	Working Load (max)	Weight	Backfl ex Radius (min)	Certification
		lbs/ft / N/m	Lbs/ft2 / kg/m2	in / mm	
BM - With Stainless Steel Pins					
BM6995H4	I6995H4BMKxx	6.850 / 100.000	5.1 / 25	1.75 / 45	NEN-EN-IEC 61340-4-5
FR-PA - With Stainless Steel Pins					
FR-PA6995H4	I6999H4FRKxx	6.850 / 100.000	4.7 / 23.2	1.75 / 45	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl -s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

Safety Top 6999 H4



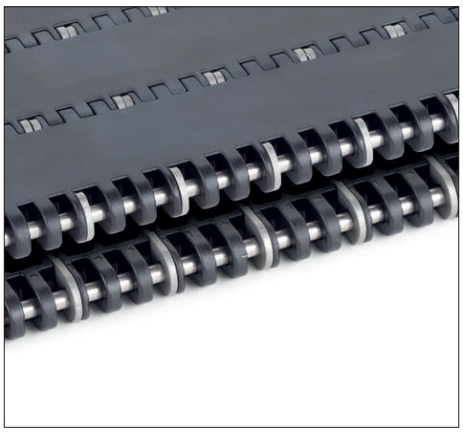


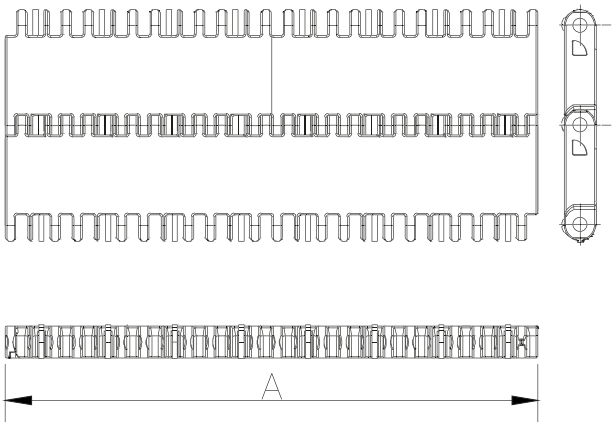
P. 204

Chain Type	Code Number	Working Load (max)		Weight		Backflex Radius (min)		Certification
		lbs/ft	N/m	Lbs/ft2	kg/m2	in	mm	
BM - With Stainless Steel Pins								
BM6999H4	I6999H4BMKxx	6.850	100.000	5.2	25.4	1.75	45	NEN-EN-IEC 61340-4-5
FR-PA - With Stainless Steel Pins								
FR-PA6999H4	I6999H4FRKxx	6.850	100.000	4.7	23.6	1.75	45	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl-s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

Solid Top 6995 H8



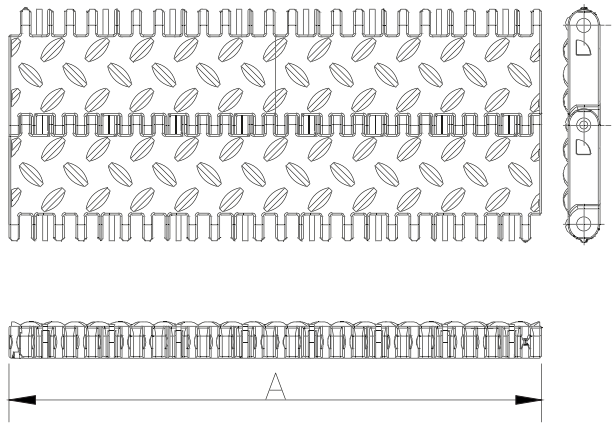


P. 204

Chain Type	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Certification
		lbs/ft / N/m	Lbs/ft2 / kg/m2	in / mm	
BM					
BSM6995H8	I6995H8BMKxx	11.645 / 170.000	6.2 / 30.2	1.75 / 45	NEN-EN-IEC 61340-4-5
FR-PA - With Stainless Steel Pins					
FR-PA6995H8	I6999H8FRKxx	11.645 / 170.000	5.8 / 28.2	1.75 / 45	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl -s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

Safety Top 6999 H8

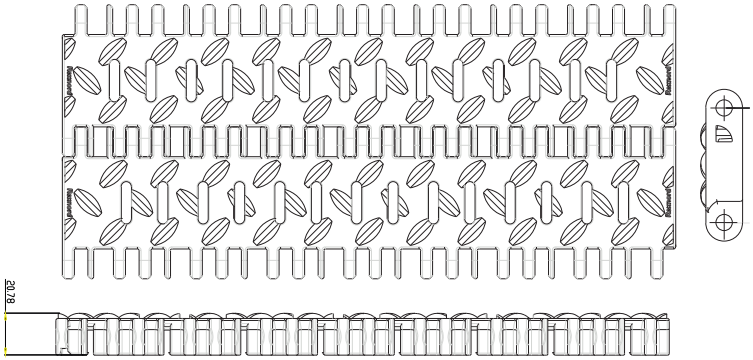


P. 204

Chain Type	Code Number	Working Load (max)		Weight		Backflex Radius (min)		Certification
		lbs/ft	N/m	Lbs/ft2	kg/m2	in	mm	
BM								
BSM6999H8	I6999H8BMKxx	11.645	170.000	6.3	30.6	1.75	45	NEN-EN-IEC 61340-4-5
FR-PA - With Stainless Steel Pins								
FR-PA6999H8	I6999H8FRKxx	11.645	170.000	5.9	28.8	1.75	45	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl-s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm). actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

Perforated Top 6992 HYB H4

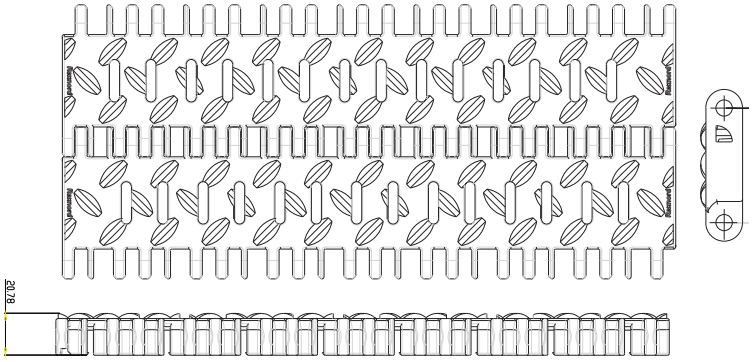


P. 204

Chain Type	Code Number	Working Load (max)	Weight	Backflex Radius (min)	Certification
		lbs/ft / N/m	Lbs/ft2 / kg/m2	in / mm	
BM - With Stainless Steel Pins					
BM6992H4	I6992BMKXX	3.427 / 50.000	3.40 / 16.76	3.00 / 76.2	NEN-EN-IEC 61340-4-5
BM6992ESD4	I6992ESD4BMKXX	6.850 / 100.000	5.20 / 25.00	3.00 / 76.2	NEN-EN-IEC 61340-4-5

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).

Perforated Top 6992 HYB H8

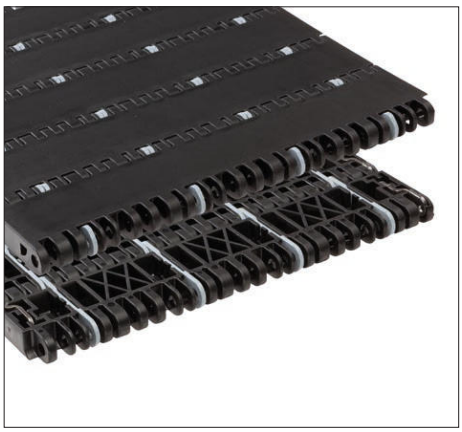


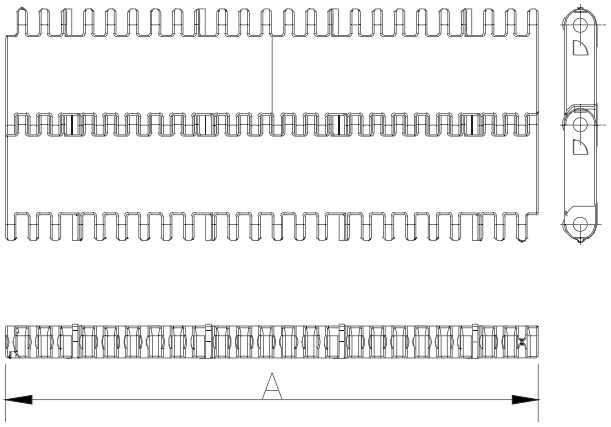
P. 204

Chain Type	Code Number	Working Load (max)		Weight		Backflex Radius (min)		Certification
		lbs/ft	N/m	Lbs/ft2	kg/m2	in	mm	
BM - With Stainless Steel Pins								
BSM6999H8	I6999H8BMKxx	6.850	100.000	5.2	25.4	3.00	76.2	NEN-EN-IEC 61340-4-5

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).

Solid Top 6995 ESD4



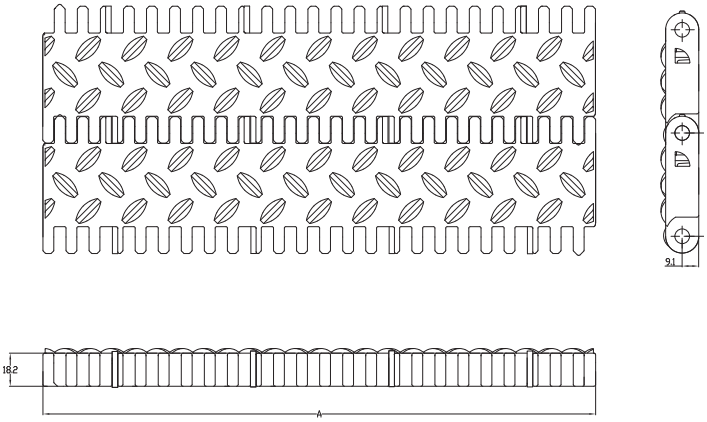


P. 204

Chain Type	Code Number	Working Load (max)	Weight	Backfl ex Radius (min)	Certification
		lbs/ft / N/m	Lbs/ft2 / kg/m2	in / mm	
BM - With PP Pins					
BM6995ESD4	I6995ESD4BMKxx	3.427 / 50.000	3.40 / 16.76	3.00 / 76.2	NEN-EN-IEC 61340-4-5
FR-PA - With PP Pins					
FR-PA6995ESD4	I6995ESD4FRPAKxx	2.937 / 42.857	2.82 / 13.89	3.00 / 76.2	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl -s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

Safety Top 6999 ESD4

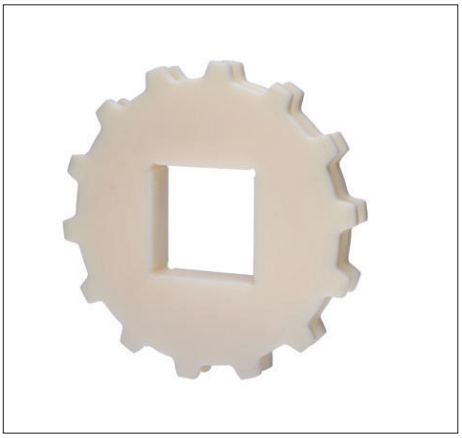


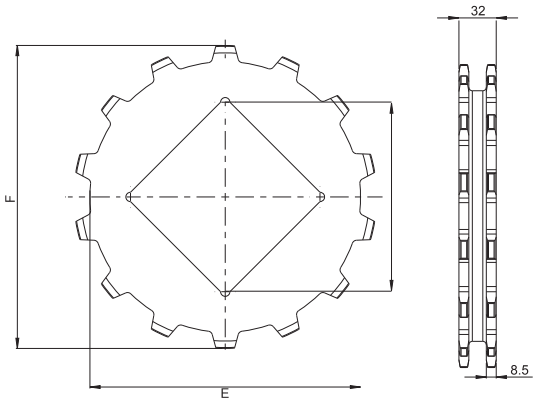
P. 204

Chain Type	Code Number	Working Load (max)	Weight	Backfl ex Radius (min)	Certification
		lbs/ft / N/m	Lbs/ft2 / kg/m2	in / mm	
BM - With PP Pins					
BM6999ESD4	I6999ESD4BMKxx	3.427 / 50.000	3.49 / 17.20	3.00 / 76.2	NEN-EN-IEC 61340-4-5
FR-PA - With PP Pins					
FR-PA6999ESD4	I6999ESD4FRPAKxx	2.937 / 42.857	2.89 / 14.26	3.00 / 76.2	NEN-EN-IEC 61340-4-5 DIN4102-B1 (Bfl -s1)

Kxx indicated the chain width (K12, K14,.....K228). BM Chain width available starting at 12-inches (306 mm) up to 234,9 inch (5967 mm) actual width with increments of 3 inches (76,5 mm).
Kxx indicated the chain width (K12, K14,..... K228). FR-PA Chain width available starting at 12,1- inches (308 mm) up to 236,5 inch (6006 mm) actual width with increments of 3,1 inches (77 mm).

KU6990 Hybrid





Sprocket Description	Number Of Teeth	Pitch Circle Diameter	Maximum Square Bore Size	Hub Width
		inch / mm	inch / mm	inch / mm
Solid				
KU6990 Hybrid T09	9	168,85	60	32
KU6990 Hybrid T12	12	223,13	110	32
KU6990 Hybrid T14	14	259,53	140	32
KU6990 Hybrid T16	16	296,02	160	32
KU6990 Hybrid T17	17	314,29	170	32
KU6990 Hybrid T19	19	350,86	200	32
Split				
KUS6990 Hybrid T09	9	168,85	60	32
KUS6990 Hybrid T12	12	223,13	110	32
KUS6990 Hybrid T14	14	259,53	140	32
KUS6990 Hybrid T16	16	296,02	160	32
KUS6990 Hybrid T17	17	314,29	170	32
KUS6990 Hybrid T19	19	350,86	200	32

Other bore sizes, teeth and round bores are available on request. Please consult our technical support department for more information.

Notes

www.rexnord.com
Please contact our Application Engineers at +31 174 445 111 for assistance with product selection.

The 3120-Series 3-inch pitch belt is Rexnord strongest plastic MatTop chain, primarily used for industrial-type applications including oil-change conveyors, 2 lane final assembly line conveyors, Skid and pallet handling conveyors, 2-lane water test conveyors and automotive parts handling. The chain has proven itself also in single lane car wash and single lane end-of-line inspection conveyors replacing conventional technology. It is moulded in high performance acetal and utilizes Twist-Lock® plugs as well as ½" diameter polyester or stainless steel pins. The chain is available with several accessories like T1-inch and T2-inch automotive pushers and sideguards, all meeting the DIN24446 standard. The pushers are designed to be driven over and ensure a controlled handling of any size vehicles on top of the chain. This bricked chain is available from 4-inch wide with increments of 2-inch. Sprockets are available in solid or split execution and in several materials in robust design to handle increased loads.

Features

- Ultra high load capacity of 115,000 N/m (strongest plastic MatTop chain available). No need for (stainless) steel pins to reach maximum working load reducing overall chain weight and power consumption.
- Equally divided hinges combination with large ½" pin diameter provide very high stiffness.
- Long life design due to large pin diameter, optimum hinge eye width and proven wear resistant design of the chain underside (large contact surface).
- Easy installation and maintenance in combination with Twist-Lock pin retention at both sides, which are easy to operate with just a screwdriver and prevent the loss of plugs; self-closing under influence of chain weight.
- Superior drive technology also under high load and heavy duty circumstances, due to specific belt pocket and sprocket design.
- High strength pushers available intended for automotive and industrial usage.
- Available in SolidTop (3125), SafetyTop (3129) and RubberTop 3125 surface execution to meet any application conditions requirement.
- Standard available in BSM and in BYSM with yellow sides for clear moving belt edge safety indication; upon request also available with other color sides.
- High strength DIN style Automotive T1-inch and T2-inch pushers and H40-mm Sideguards available intended for automotive and industrial usage (sideguards are available exclusively through selected industry channels). Pushers and sideguards both meet the requirements of the DIN24446 standard.
- Belt can be equipped with T1 or T2 automotive pushers and or sideguards, please indicate pushers with T1 or T2 followed by the spacing of the pushers (e.g T18P means every 18th row). Indicate sideguard with SG40. Side indent to the pusher is minimum ½" with 2" increments.
- Chain is standard equipped with Polyester (PBT) pins. On request the chain can be equipped with stainless steel pins and in other chain materials as well.

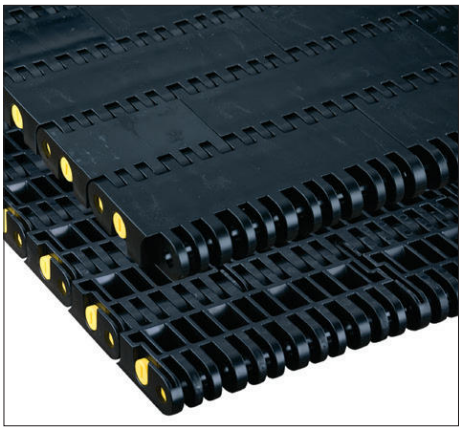
Programme	
3125 Solid Top	Close Surface, suitable for any kind of industrial and automotive application
3129 SafetyTop	Closed non-skid surface; prevents slipping in wet, greasy or humid environments.
Belt accessories	T2-inch pushers available. Robust pushers designed to be driven over by vehicles

Exterior carwash entry 3125 belt conveyor with t2 puchers

3125 End of line inspection belt conveyor with t2 din pushers

BSM3125-K4 MTW execution

Solid Top 3125



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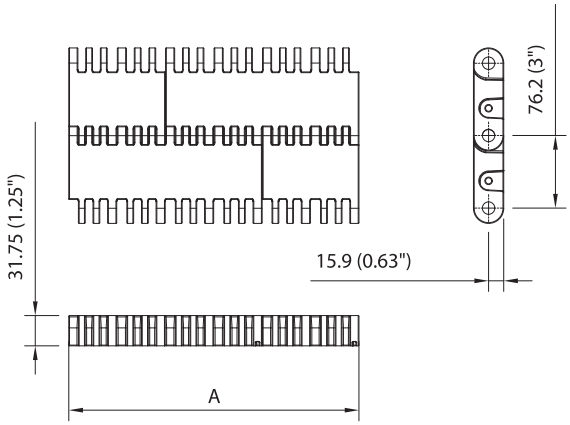
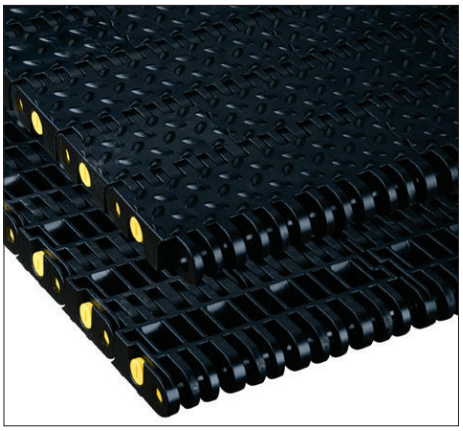


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3125	I3125BSMKxx	-30 to +80	up to 65	115000	31.10	76.2
Standard	BYSM 3125	I3125BYSMK					

Safetytop 3129



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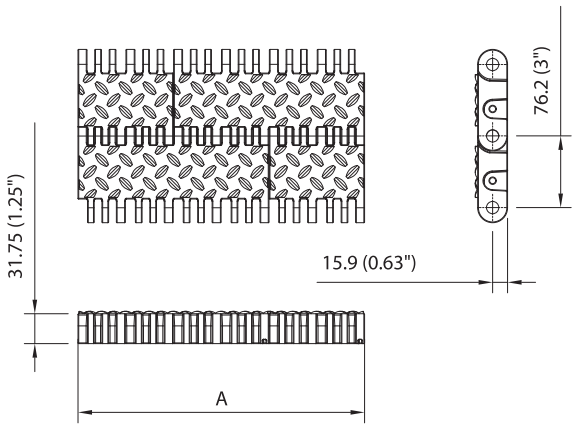
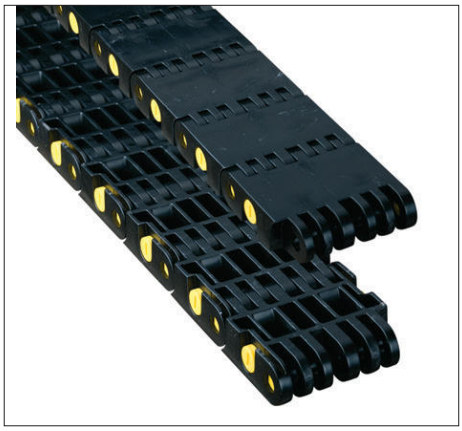
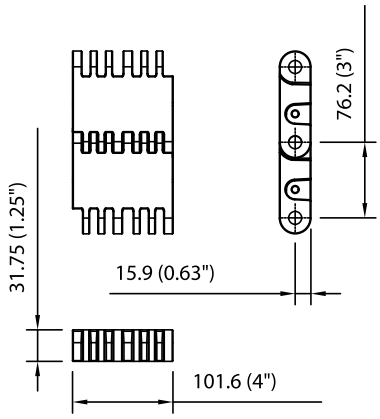


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3129	I3129BSMKxx	-30 to +80	up to 65	115000	31.10	76.2
Standard	BYSM 3129	I3129BYSMKxx					

• In code numbers xx correspond with the belt width (A). Standard width of these belts begin at 4" with 2" increments up to 190"; 4" and 8" executionare mold-to-width executions. See page 223.

BSM3125-K4 MTW





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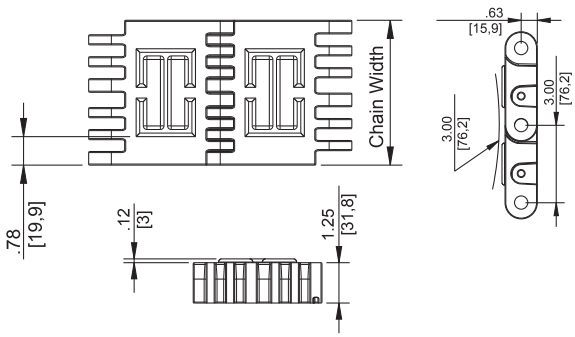
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3125 K4	I3125BSMK004	-30 to +80	up to 65	115000	31,10	76,2

Rubber Top 3125-K4



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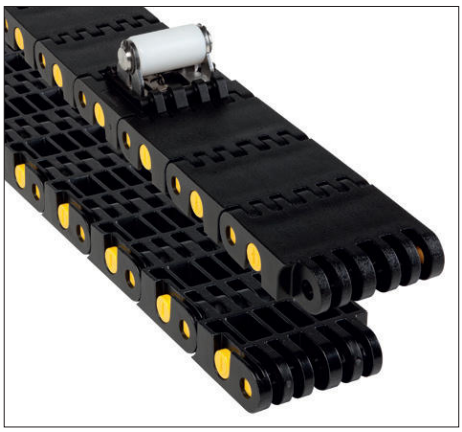
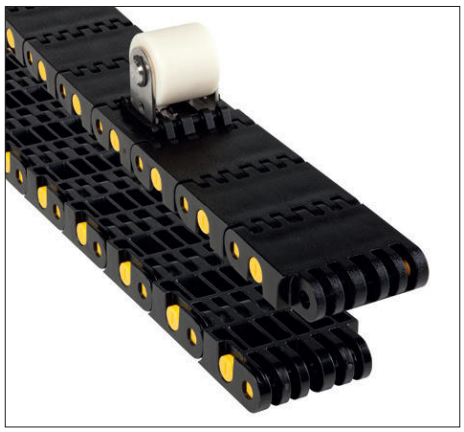
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3125 RT-K4 MTW	876.29.10	-30 to +80	up to 65	115000	31,10	76,2
Standard	BSM 3185 RT-K3.2 MTW	I3185BSM3.2 -30	-30 to +80	up to 65	115000	31,10	76,2

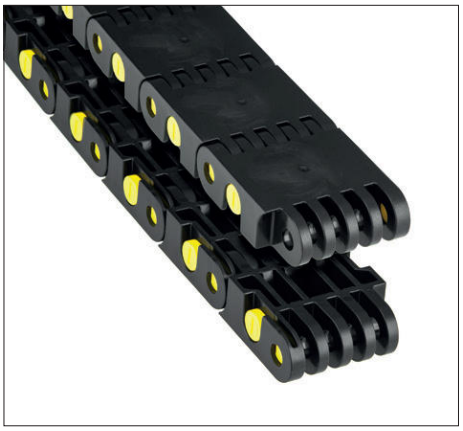


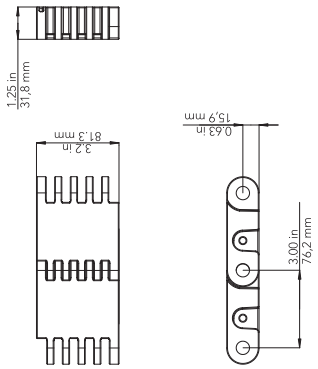
Rexnord BM3120 Universal Bracket Standard_30mm



Rexnord BM3120 Universal Bracket Standard_60mm

Solid Top 3185-K3.2 MTW





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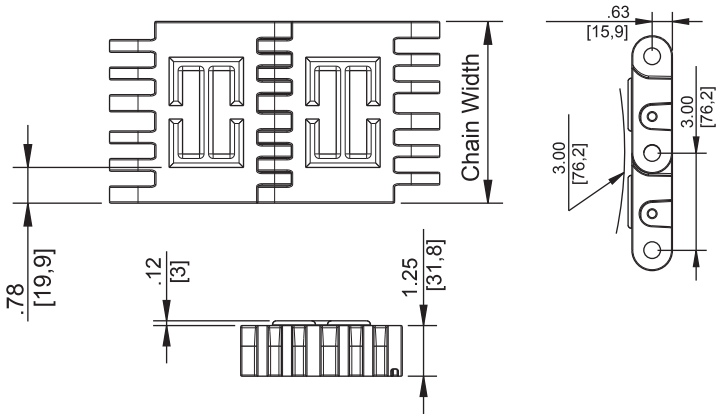
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3185 K3.2	I3125BSMK004	-30 to +80	up to 65	115000	31.10	76.2

Safetytop 3185-K3.2 Rubber Top



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Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
Acetal With Polyester Pins							
Standard	BSM 3185 RT-K3.2 MTW	I3185BSM3.2 -30	-30 to +80	up to 65	115000	31.10	76.2

Designed for long runs and heavy loads, the Rexnord 3125-4IN MTW HYB Series MatTop Chain and the Rexnord 3122 HYB MatTop Chain are the preferred solution.. The design includes solid stainless steel pins (rods) and 12 stainless steel tension plates per link. The construction provides superior stiffness and fatigue strength which improves running properties, mitigates pulsation and provides extended chain life.

Our heaviest duty chain design for heavy load conveying

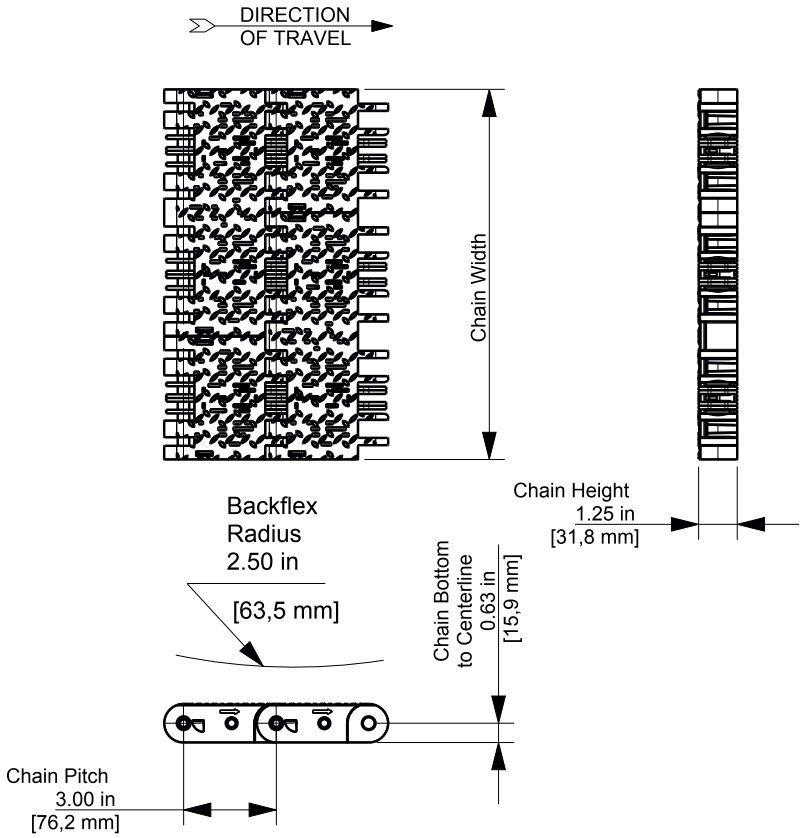
The Rexnord 3125-4IN MTW HYB Series MatTop Chain is designed for 4-inch (101mm) skid conveyors. The Rexnord 3125-4IN MTW SolidTop surface allows the skids to be aligned mechanically before transferring to the next conveyor. The RubberTop® feature ensures proper skid position in frequent start-stop operations; for example, buffer systems between the paint shop and the assembly department.

The Rexnord 3122- HYB MatTop Chain Series is offered in anti-slip safety top surface execution with perforations for drainage in wet environments and ventilation in inspection areas.

Conveyor equipped with Rexnord 3125 HYB 12 Series MatTop Chain.

3122HYB (MTW)

Photo shows 3122HYB (MTW) MatTop Chain molded in Black (BM) material.



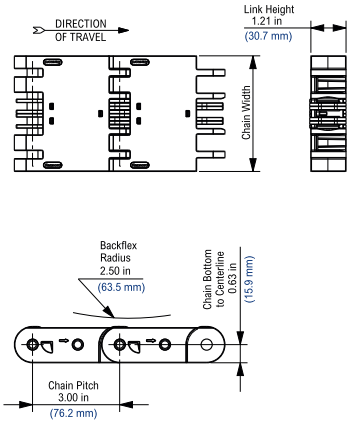
Chain Information

Chain Width			Number of Sprockets	Chain Strength	
desc	in	mm		lbs	N
4	4.0	101.6	1	6,000	26689

Avaiable Materials

Prefix	Chain Material	Standard Pin Material	Temperature						Approximate Weight		FDA Approval
			Fahrenheit			Celsius					
			min	max		min	max				
				dry	wet		dry	wet	lbs/ft²	Kg/m²	
Standard Materials											
BM	Black Material	Stainless Steel	-40	+180	+150	-40	+82	+66	11.61	56.67	Yes
FR-PA	Flame retardant Nylon (Black)	Stainless Steel	-40	+220	NR	-40	+104	NR	11.33	55.32	No

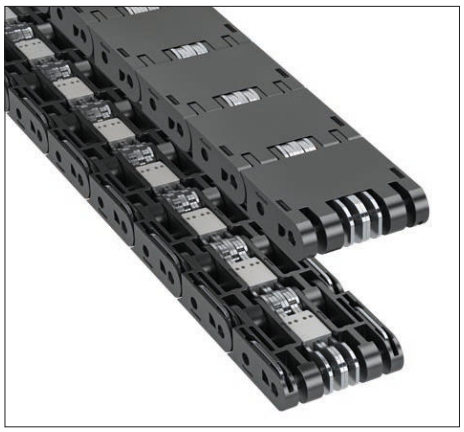
3125-4IN MTW H12 RubberTop

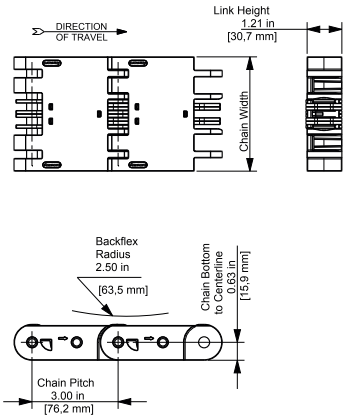


3125-4IN MTW HYB RubberTop Series MatTop Chain

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight	
			Fahrenheit			Celsius						
			min	max		min	max					
				dry	wet		dry	wet	lbs/ft	N/m	lbs/ft²	Kg/m²
Standard Materials												
BM	Black Material	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
BYM	Yellow Material	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67

3125-4IN MTW H12 FlatTop

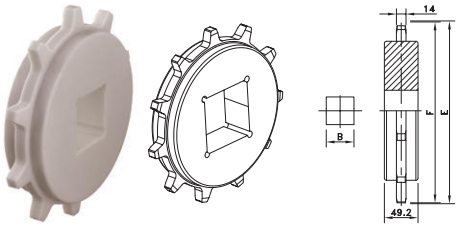




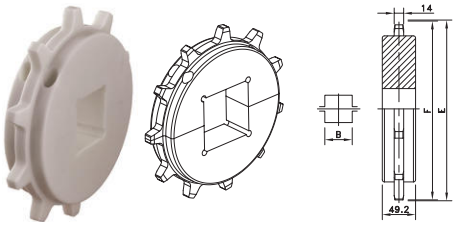
Rexnord 3125-4IN MTW H12 Series MatTop Chain

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight	
			Fahrenheit			Celsius						
			min	max		min	max					
				dry	wet		dry	wet	lbs/ft	N/m	lbs/ft²	Kg/m²
Standard Materials												
BM	Black Material	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
BYM	Yellow Material	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67

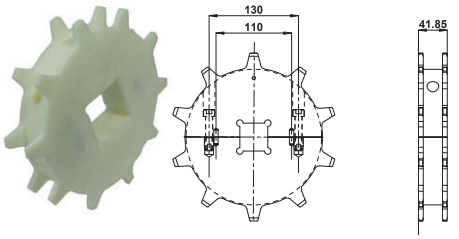
Classic Sprockets



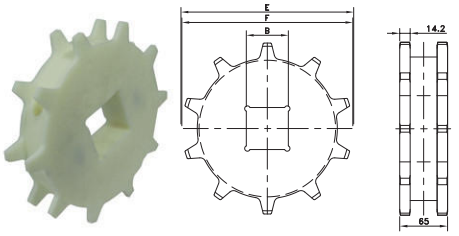
Split Sprockets



H-Style 3180 Sprockets



H-Style 3120 Sprockets

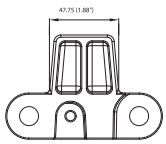


Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm	mm	mm	mm
Classic Sprocket						
Square Bore						
KU3120-9T_60MM_S_PA	10333226	9	60	222.8	218.9	47.8
KU3120-9T_90MM_S_PA	10334667	9	90			
KU3120-10T_60MM_S_PA	10333227	10	60	246.6	244.1	
KU3120-10T_90MM_S_PA	10334668	10	90			
KU3120-11T_60MM_S_PA	10333228	11	60	270.5	269.1	
KU3120-11T_90MM_S_PA	10334669	11	90			
Split Sprockets						
Square Bore						
KUS3120-9T_60MM_S_PA	10333329	9	60	222.8	218.9	47.8
KUS3120-9T_90MM_S_PA	10334701	9	90			
KUS3120-10T_60MM_S_PA	10333330	10	60	246.6	244.1	
KUS3120-10T_90MM_S_PA	10334702	10	90			
KUS3120-11T_60MM_S_PA	10333331	11	60	270.5	269.1	
KUS3120-11T_90MM_S_PA	10334703	11	90			
H-Style 3180 Sprockets						
Square Bore						
KU3180-8T_60MM_S_PA_H	10328857	8	60	199	193.5	42
KU3180-9T_60MM_S_PA_H	10328851	9	90	223	218.9	
KU3180-10T_60MM_S_PA_H	10328845	10	60	246	244.1	
KU3180-11T_60MM_S_PA_H	10328839	11	90	270	269.1	
H-Style 3120 Sprocket						
Square Bore						
KU3120-8T_60MM_S_PA_H-HUB	10334885	8	60	199.1	193.5	65
KU3120-9T_60MM_S_PA_H-HUB	10363526	9	60	222.8	218.9	
KU3120-10T_60MM_S_PA_H-HUB	10383669	10	60	246.6	244.1	
KU3120-11T_60MM_S_PA_H-HUB	10328782	11	60	270.5	269.1	

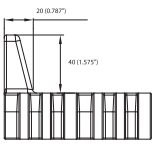
P. See below

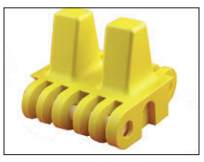
Other bores sizes (square and round) and number of teeth are available on request. Smallest possible sprocket has 8 teeth.
Stainless steel sprockets available upon request.

Din style sideguard 3120

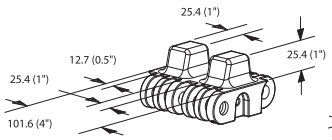


H40 dimensions

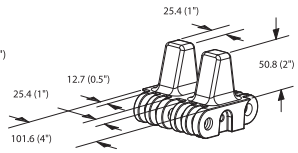




Din style pusher 3120



T1 dimensions

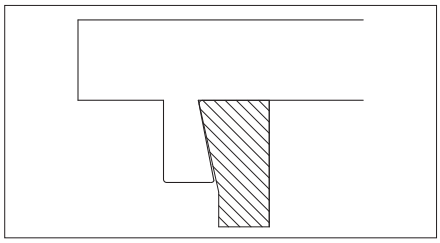


T2 dimensions

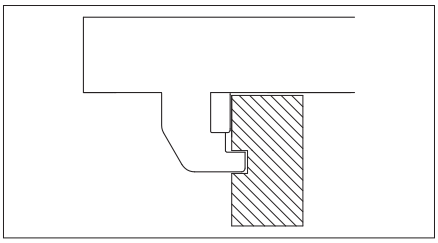
The sideflexing belts range exists of ½-inch pitch 505, 1¼-inch pitch 1200 and 1¼-inch pitch 7956 belts, offering a solution for almost any curved application. As a standard the belts are supplied in low friction acetal for beverage, in acetal or polypropylene.

Features

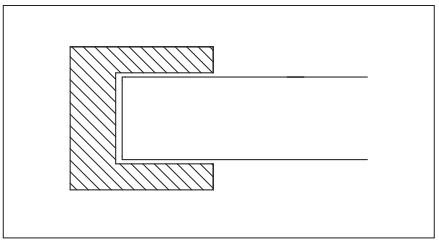
- In compliance with the industry standards, three curve guiding systems are offered:



RBP uses beveled Positrack lugs underneath the belt to guide the belt in the curve. The lugs run against a beveled strip, retaining the belt in the curve. This system enables easy removal of the belt from the conveyor for cleaning or maintenance. The conveyed product can be wider than the belt width as there is no wearstrip on top of the belt to hold it down.



RBT guiding uses Tabs underneath the belt to hold the belt down while running through the curve. Often the tabs can also be used to hang the belt in the return part of the conveyor. Depending on the construction chains MatTop with tabs are more difficult to remove from the conveyor for cleaning and maintenance.



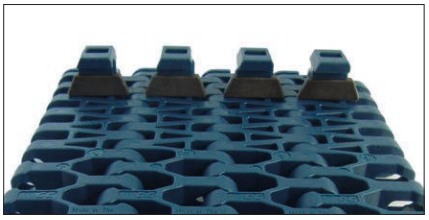
RB (Flat belt without Tabs or Positrack) is suitable for the conventional guiding method, supporting the belt on its inner radius. The belt is held down in the curve by a wearstrip on top of the belt or by running through a U-channel.
This method can also be applied in the return part. In this way it is difficult to remove the belt from the conveyor. The RB executions are also suitable for low-tension spiral applications.

- Belt and curve guiding materials have a PV (Pressure/Velocity)-limit determining the maximum speed or load in a specific application. Rexnords calculation software and engineering manuals will advise concerning the feasibility of a specific application. For spiral applications it is recommended to discuss with a qualified OEM retrofit or design details, to avoid overload issues or failures.

Programme	
505-Series	For small packed products and loose foodstuff; combines a small internal radius with minimum inline transfers and an open area of 10%; available in RBP.
1200-Series	For food, beverage, packaging and other industries. Combines a 39% open area and cleanable design with a surface optimized for product support. There are several types: • 1255 standard execution; available in RBP and RB; RBT upon request • 1255 SuperGrip with rubber for inclined and declined applications; available in RBP and RB • 1265 combines standard 1255 inner modules with specially designed outer end modules with TAB and special sliding blocks for huge loading, high-speed possibilities; available in RBT on the outer radius, the inner radius can be equipped with RBP, RBT and RB • 1275 combines standard 1255 outer modules with specially designed inner modules, creating a compact radius design from 1.2 collapse factor upwards; available in RBP, RBT and RB • 1285 combines the 1265 outer and 1275 inner modules for high strength, high speed and compact design. RBT guiding on the outer radius, the inner radius can be equipped with RBP, RBT and RB
7956-Series	For large and heavy products in beverage and case handling applications; the inside radius is 2 times the belt width and the 16% open area offers maximum product support; the belt features the same strength rating for straight and curved sections. There are several types: • 7956 NT without tabs • 7956 TAB with original hold down tabs • 7956 GT with high performance tabs with similar dimensions as the bearing option • 7956 B with bearings every second row for high-speed and huge load applications
Belt accessories	Flights on 1255 for inclined and declined applications in food industry

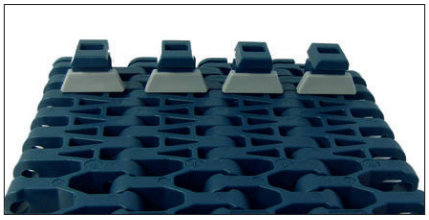
1265/1285 Series product overview
The design of the 1265/1285 Series includes two versions:
- The 1265/1285/B versions are specifically designed for machined corner tracks
- The 1265/1285/G versions are specifically designed for curves equipped with Roller bearing

1265/1285 Series in machined curves
The 1265/1285 Series chains suitable for machined curves can be recognized by a brown coloured wearblock which is fitted into the guiding tab.



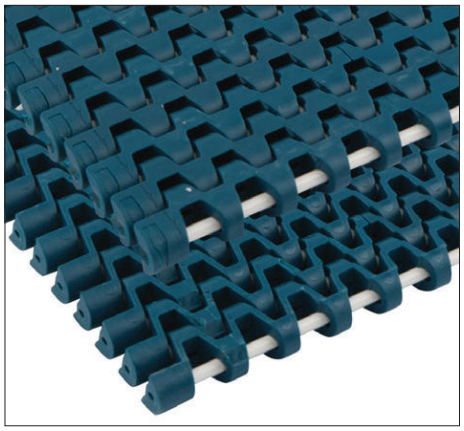
1265/1285/B

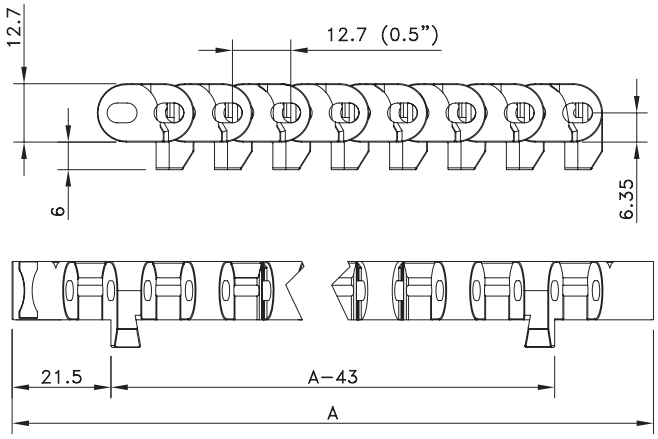
1265/1285 Series in curves with roller bearings
The 1265/1285 Series chains suitable for curves with roller bearings can be recognized by a grey coloured wearblock which is fitted into the guiding tab.



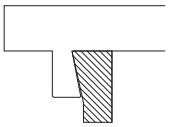
1265/1285/G

Radius 505

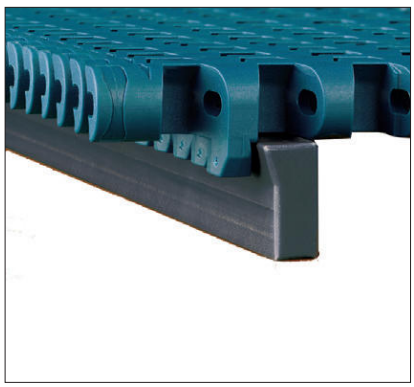




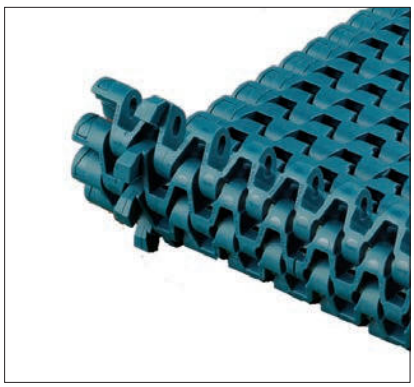
P. 200
P. 200

Assembly	Belt Type	Code Number*	Width A	Sideflex radius inside (min.)	Working Load (max.)		Temperature range °C		Weight	Backflex Radius (min.)
					Straight	in curve				
			mm	mm	N/m	N	Dry	Wet	kg/m²	mm
XLG-Acetal With Reinforced Plastic Pins										
Positrack Two Sides 	RBP 505 XLG 255	867.30.12	255	510	15000	1300	-40 TO +80	-40 TO +65	10.0	15
	RBP 505 XLG 340	867.30.13	340	680						
	RBP 505 XLG 425	867.30.14	425	850						
	RBP 505 XLG 510	867.30.15	510	1020						
	RBP 505 XLG 595	867.30.16	595	1190						
	RBP 505 XLG 680	867.30.17	680	1360						
WSM-Acetal With Reinforced Plastic Pins										
Positrack	WSM 505 RBP	868.30.xx	255 to 680	x belt width	15000	1300	-40 TO +80	-40 TO +65	10.0	15
SMB-Acetal With Reinforced Plastic Pins										
Positrack	SMB 505 RBP	868.50.xx	255 to 680	x belt	15000	1300	-40 TO +80	-40 TO +65	10.0	15

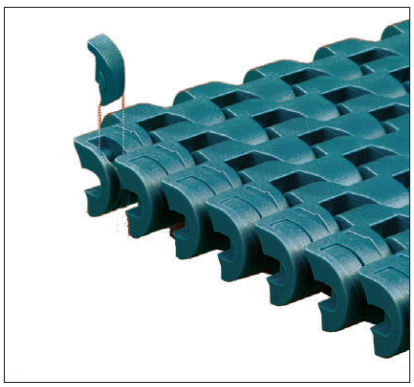
* In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm and so on with 85 mm increments up to 680 mm; wider belts available upon request. See also page 208.



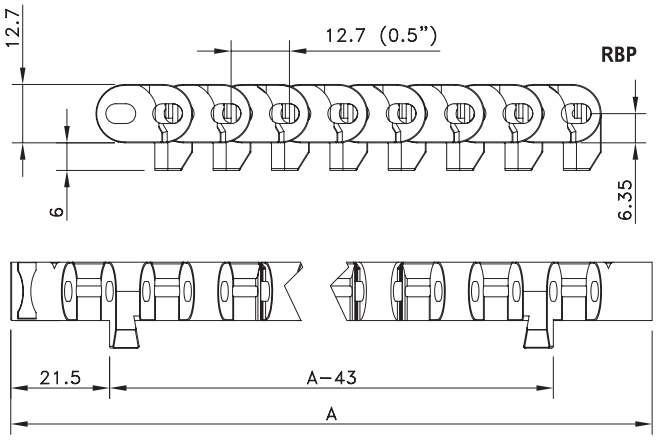
Curve guiding profile for 505



Standard positrack lugs on both sides

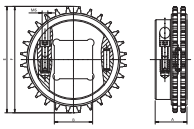


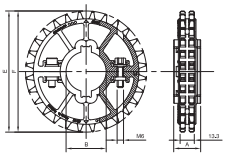
Pin retention clips for easy (dis)assembly

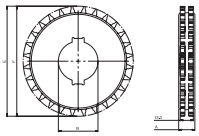


The curve guiding profile for the 505 has a standard length of 1.8 meters; it is made of MCC 3500 special polyamide, code nr. 800.00.01, or MCC 3600 polyester for direct food contact, code nr. 800.00.13, ULF-profile: 10383606

Split Sprockets Machined Split Sprockets Injection Moulded Classic Sprockets

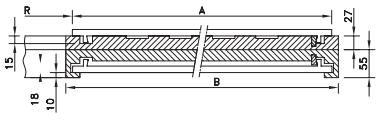







Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets Machined						
Round Bores						
KUS505-28T_25MM_2KW_PA	10331058	28	25 mm	113.4	113.4	33.5
KUS505-28T_30MM_2KW_PA	10331458	28	30 mm			
KUS505-28T_35MM_2KW_PA	10331811	28	35 mm			
KUS505-28T_1IN_2KW_PA	10326599	28	1.0”			
Square Bores						
KUS505-28T_25MM_S_PA	10331057	28	25 mm	113.4	113.4	33.5
KUS505-28T_30MM_S_PA	10331457	28	30 mm			
KUS505-28T_1IN_S_PA	10326598	28	1.0”			
Split Sprockets Injection Moulded						
Round Bores						
NS505-28T_40MM_2KW_PA	10332337	28	40 mm	113.4	113.4	25.5
NS505-28T_1-1/2IN_1KW_PA	10328198	28	1.5”			
Square Bores						
NS505-28T_40MM_S_PA	10148171	28	40 mm	113.4	113.4	25.5
NS505-28T_1-1/2IN_S_PA	10362458	28	1.5”			
Classic Sprockets						
Round Bores						
KU505-28T_25MM_2KW_PA	10330882	28	25 mm	113.4	113.4	16.5
KU505-28T_30MM_2KW_PA	10331285	28	30 mm			
KU505-28T_35MM_2KW_PA	10331678	28	35 mm			
KU505-28T_40MM_2KW_PA	10332008	28	40 mm			
KU505-28T_1IN_2KW_PA	10325158	28	1.0”			
KU505-28T_1-1/2IN_2KW_PA	10325583	28	1.5”			
Square Bores						
KU505-28T_25MM_S_PA	10330883	28	25 mm	113.4	113.4	16.5
KU505-28T_30MM_S_PA	10331286	28	30 mm			
KU505-28T_40MM_S_PA	10148125	28	40 mm			
KU505-28T_1IN_S_PA	10325159	28	1.0”			
KU505-28T_1-1/2IN_S_PA	10325584	28	1.5”			

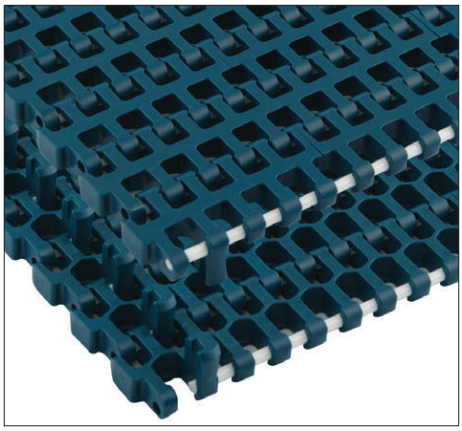
Positrack Curves

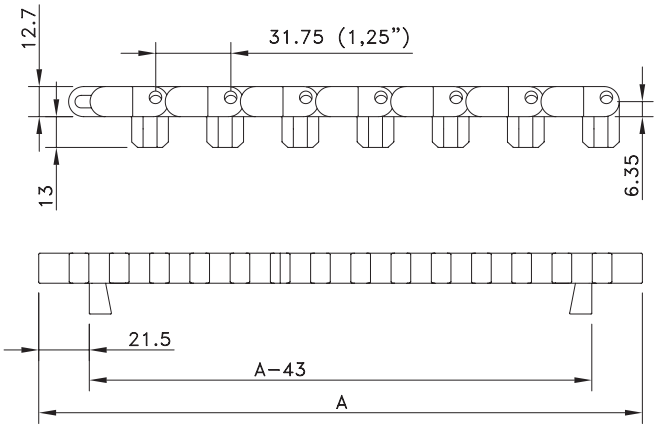


Code Number	Radius R	Belt Width A	Height	Curve Width B	Angle
	mm	mm	mm	mm	
Positrack Curves					
For 505					
804.02.02	510	255	27 + 55	281	90°
804.02.03	680	340	27 + 55	366	
804.02.04	850	425	27 + 55	451	
804.02.05	1020	510	27 + 55	536	
804.02.06	1190	595	27 + 55	621	
804.02.07	1360	680	27 + 55	706	

Other angles and non-standard positrack curves on request; these curves include a curve guiding profile.
Including 100 mm long straight sections at upper part.

Radius 1255





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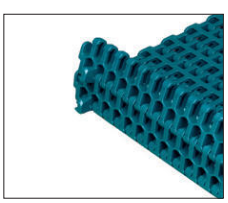
Assembly	Belt Type	Code Number*	Sideflex Radius (min.)	Temperature range °C		Working Load (max.)		Weight	Backflex Radius (min.)
						Straight	In Curve		
			mm	Dry	Wet	N/m	N	kg/m²	mm
XLG-Acetal with PBT Pins									
Positrack Two Sides	RBP 1255 XLG	867.40.xx	2 x belt width	-40 to +80	-40 to +65	22000	2000	8.00	25
Flat	RB 1255 XLG	867.70.xx							
Supergrip Positrack	SG 1255 XLG RBP	867.53.xx		-40 to +65					30
WHT-Polypropylene with PBT Pins									
Positrack Two Sides	WHT 1255 RBP	869.40.xx	2 x belt width	4 to 80	4 to 65	11000	1200	5.20	25
Flat	WHT 1255 RB	869.90.xx							
Supergrip Positrack	SG 1255 WHT RBP	869.53.xx		4 to 65					30
BHT-Polypropylene with PBT Pins									
Flat	BHT 1255 RB	869.80.xx	2x belt width	4 to 65	4 to 80	11000	1200	5.20	25
WSM-Acetal with PBT Pins									
Positrack Two Sides	WSM 1255 RBP	868.40.xx	2x belt width	-40 to +80	up to 65	22000	2000	8.00	25
Flat	WSM 1255 RB	869.00.xx							
Supergrip Positrack	SG 1255 WSM RBP	868.63.xx		-40 to +65					30
SMB-Acetal with PBT Pins									
Flat	SMB 1255 RB	869.10.xx	2x belt width	-40 to +80	up to 65	22000	2000	8.00	25

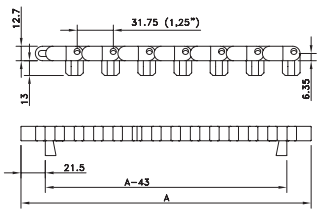
* In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm.

If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

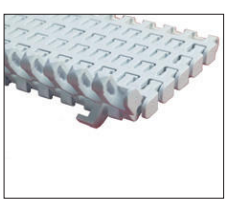
Material	**WHT** or **BHT** or **WSM** or **SMB**	
Belt type	**1255 RBP** or **1255 RBT** or **1255 RB**	RBP for Positrack (only in WHT, WSM and SMB), RBT for Tabs (only in WSM and SMB), RB for Flat
Width (A)	**KM** - in mm	
Flights	**F3**	Standard height of 3" (76.2 mm) or special height in mm
Pitch between flights	**T..P**	Flights on every ..th row
Flight side-indent	**N..** (in mm)	Minimal 51 mm with 17 mm increments

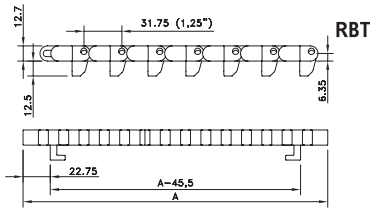
code nr. for special polyamide MCC3500 profile of 1.8 meters is 10609192, code for FDA approved MCC3600 polyester profile of 1.8 meters is 10361335.



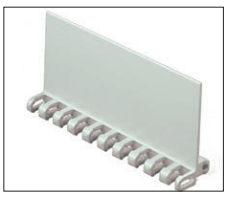


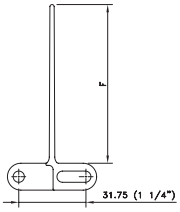
Positrack lugs on both sides



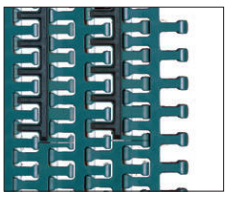


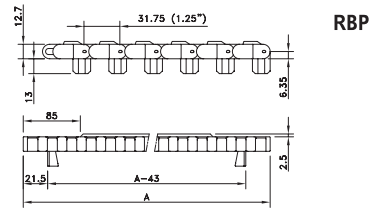
Tabs on both sides





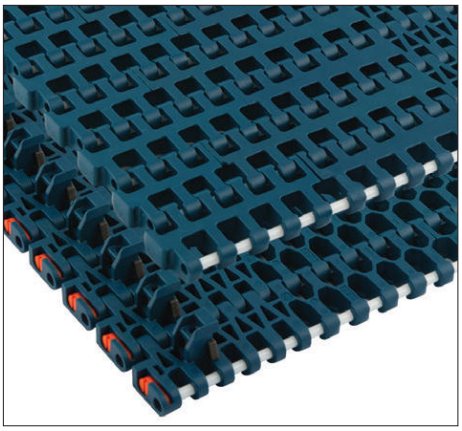
Flight for elevating Not for use in the U.S.A.

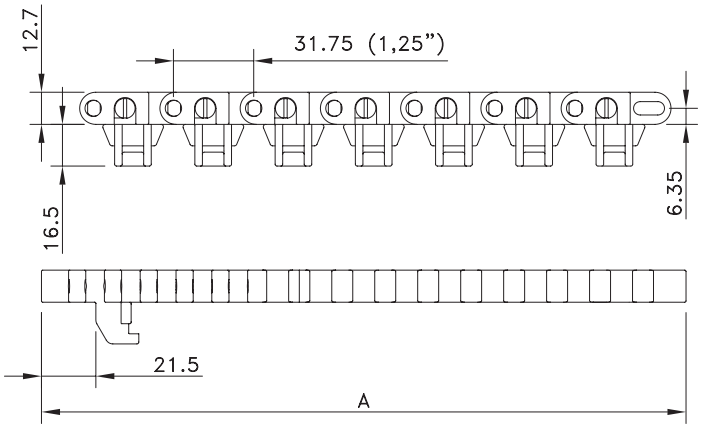




Supergrip for inclined conveying; Standard 100% rubber.

Radius 1265 Reinforced outer Modules





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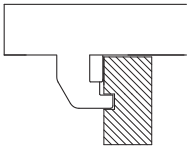
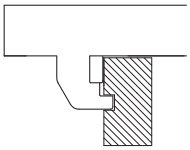
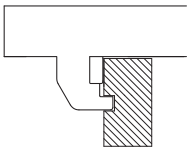
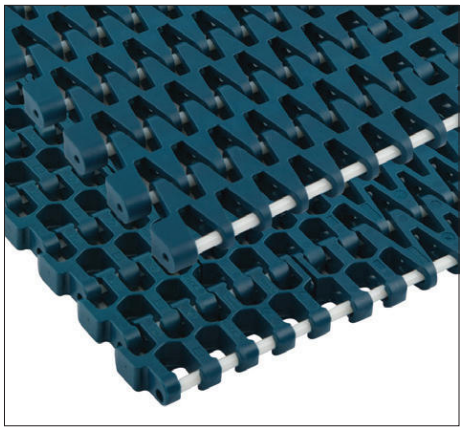
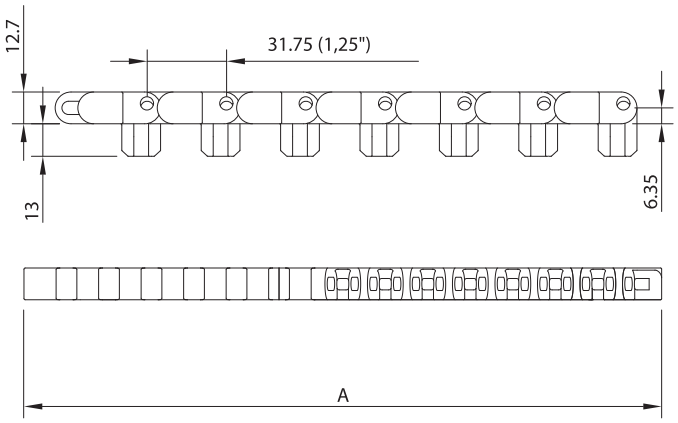
Assembly	Belt Type	Code Number*	Width A	Sideflex Radius (min)	Temperature range °C		Working Load (max.)		Weight	Backflex Radius (min.)
							Straight	In Curve		
			mm	mm	Dry	Wet	N/m (21°C)	N	kg/m²	mm
XLG-Acetal with PBT Pins										
Tabs/Flat 	RBT 1265 RB XLG/B 255	864.60.12	255	510	-40 to 80	-40 to +65	22000	3000	8.00	25
	RBT 1265 RB XLG/B 340	864.60.13	340	680						
	RBT 1265 RB XLG/B 425	864.60.14	425	850						
	RBT 1265 RB XLG/B 510	864.60.15	510	1020						
	RBT 1265 RB XLG/B 595	864.60.16	595	1190						
	RBT 1265 RB XLG/B 680	864.60.17	680	1360						
	RBT 1265 RB XLG/B 765	864.60.18	765	1530						
	RBT 1265 RB XLG/B 850	864.60.19	850	1700						
	RBT 1265 RB XLG/B 935	864.60.20	935	1870						
	RBT 1265 RB XLG/B 1020	864.60.21	1020	2040						
Tabs/Positrack 	RBT 1265 RBP XLG/B255	864.00.12	255	510	-40 to +80	-40 to +65	22000	3000	8.00	25
	RBT 1265 RBP XLG/B340	864.00.13	340	680						
	RBT 1265 RBP XLG/B425	864.00.14	425	850						
	RBT 1265 RBP XLG/B510	864.00.15	510	1020						
	RBT 1265 RBP XLG/B595	864.00.16	595	1190						
	RBT 1265 RBP XLG/B680	864.00.17	680	1360						
	RBT 1265 RBP XLG/B765	864.00.18	765	1530						
	RBT 1265 RBP XLG/B850	864.00.19	850	1700						
	RBT 1265 RBP XLG/B935	864.00.20	935	1870						
	RBT 1265 RBP XLG/B1020	864.00.21	1020	2040						
WSM-Acetal with PBT Pins										
Tabs/Flat 	WSM/B 1265 RBT RB 255	864.90.12	255	510	-40 to +80	-40 to +65	22000	3000	8.00	25
	WSM/B 1265 RBT RB 340	864.90.13	340	680						
	WSM/B 1265 RBT RB 425	864.90.14	425	850						
	WSM/B 1265 RBT RB 510	864.90.15	510	1020						
	WSM/B 1265 RBT RB 595	864.90.16	595	1190						
	WSM/B 1265 RBT RB 680	864.90.17	680	1360						
	WSM/B 1265 RBT RB 765	864.90.18	765	1530						
	WSM/B 1265 RBT RB 850	864.90.19	850	1700						
	WSM/B 1265 RBT RB 935	864.90.20	935	1870						
	WSM/B 1265 RBT RB 1020	864.90.21	1020	2040						

Other widths (17 mm increments from standard) available upon request.

Code nr. for special polyamide profile of 1.8 meters is ULF-Profile 10383623.

Radius 1275 Tight Radius Inner Modules





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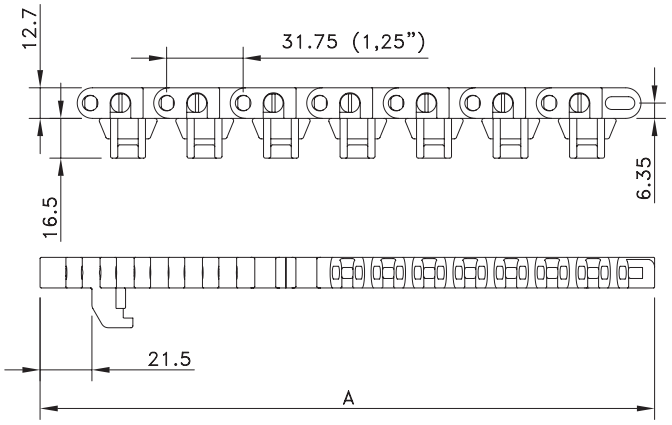
Assembly	Belt Type	Code Number*	Width A	Sideflex Radius (min)	Temperature range °C		Working Load (max.)		Weight	Backflex Radius (min.)
							Straight	In Curve		
			mm	mm	Dry	Wet	N/m (21°C)	N	kg/m²	mm
XLG-Acetal with PBT Pins										
Flat	XLG 1275 RB-RB 255	860.90.12	255	300	-40 to +80	-40 to +65	22000	2000	8.00	25
	XLG 1275 RB-RB 340	860.90.13	340	400						
	XLG 1275 RB-RB 425	860.90.14	425	500						
	XLG 1275 RB-RB 510	860.90.15	510	600						
	XLG 1275 RB-RB 595	860.90.16	595	720						
	XLG 1275 RB-RB 680	860.90.17	680	880						
	XLG 1275 RB-RB 765	860.90.18	765	1040						
XLG-Acetal with PBT Pins										
Positrack/Flat	XLG 1275 RBP-RB 255	864.70.12	255	300	-40 to +80	-40 to +65	22000	2000	8.00	25
	XLG 1275 RBP-RB 340	864.70.13	340	400						
	XLG 1275 RBP-RB 425	864.70.14	425	500						
	XLG 1275 RBP-RB 510	864.70.15	510	600						
	XLG 1275 RBP-RB 595	864.70.16	595	720						
	XLG 1275 RBP-RB 680	864.70.17	680	880						
	XLG 1275 RBP-RB 765	864.70.18	765	1040						
XLG-Acetal with PBT Pins										
Tabs/Flat	XLG 1275 RBT-RB 255	876.11.36	255	300	-40 to +80	-40 to +65	22000	2000	8.00	25
	XLG 1275 RBT-RB 340	876.15.31	340	400						
	XLG 1275 RBT-RB 425	876.13.59	425	500						
	XLG 1275 RBT-RB 510	876.20.20	510	600						
	XLG 1275 RBT-RB 595	876.38.49	595	720						
	XLG 1275 RBT-RB 680	876.17.92	680	880						
	XLG 1275 RBT-RB 765	876.38.50	765	1040						

Other widths (17 mm increments from standard) and materials available upon request.

Code for RBT profile: 10383613
Code for RBP profile: 10383610

Not for use in the U.S.A.

Radius 1285 Reinforced Outer and Tight Fit Inner Modules



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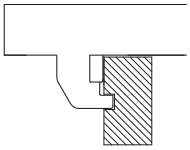
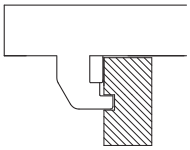
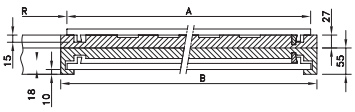
Assembly	Belt Type	Code Number*	Width A	Sideflex Radius (min)	Temperature range °C		Working Load (max.)		Weight	Backflex Radius (min.)
							Straight	In Curve		
			mm	mm	Dry	Wet	N/m (21°C)	N	kg/m²	mm
XLG-Acetal with PBT Pins										
Tabs/Flat 	RBT 1285 RB XLG/B 425	863.60.14	425	500	-40 to +80	-40 to +65	22000	3000	8.00	25
	RBT 1285 RB XLG/B 510	863.60.15	510	600						
	RBT 1285 RB XLG/B 595	863.60.16	595	720						
	RBT 1285 RB XLG/B 680	863.60.17	680	880						
	RBT 1285 RB XLG/B 765	863.60.18	765	1040						
	RBT 1285 RB XLG/B 850	863.60.19	850	1200						
	RBT 1285 RB XLG/B 935	863.60.20	935	1350						
	RBT 1285 RB XLG/B 1020	863.60.21	1020	1500						
	WSM-Acetal with PBT Pins									
Tabs/Flat 	WSM/B 1285 RBT RB 425	865.10.14	425	500	-40 to +80	-40 to +65	22000	3000	8.00	25
	WSM/B 1285 RBT RB 510	865.10.15	510	600						
	WSM/B 1285 RBT RB 595	865.10.16	595	720						
	WSM/B 1285 RBT RB 680	865.10.17	680	880						
	WSM/B 1285 RBT RB 765	865.10.18	765	1040						
	WSM/B 1285 RBT RB 850	865.10.19	850	1200						
	WSM/B 1285 RBT RB 935	865.10.20	935	1350						
	WSM/B 1285 RBT RB 1020	865.10.21	1020	1500						

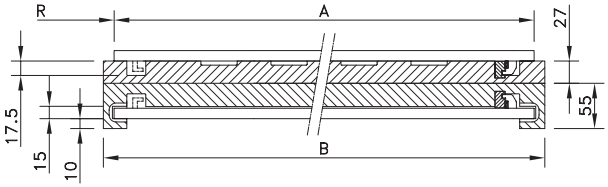
Other widths (17 mm increments from standard) available upon request. Code nr. for special polyamide profile of 1.8 meters is ULF-Profile 10383623.

For 1285 belts with Positrack, please contact Customer Service.

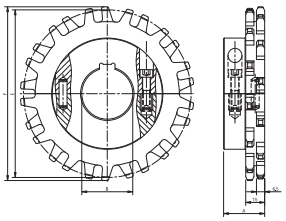
Curves

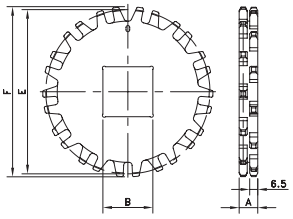


These curves include a curve guiding profile. Including 100 mm long straight sections at upper part.
Other angles and non-standard tab curves on request.



Code Number	Radius R	Belt Width A	Curve Width B	Height	Angle
	mm	mm	mm	mm	
Curves					
For 1255 RBP					
805.02.02	510	255	281	27 + 55	90°
805.02.03	680	340	366		
805.02.04	850	425	451		
805.02.05	1020	510	536		
805.02.06	1190	595	621		
805.02.07	1360	680	706		
For 1275 RBP					
805.22.61	300	255	281	27+55	90°
805.22.62	400	340	366		
805.22.63	500	425	451		
805.22.64	600	510	536		
805.22.65	720	595	621		
805.22.66	880	680	706		
For 1265 RBT					
806.40.13	510	255	281	27+55	90°
806.40.14	680	340	366		
806.40.15	850	425	451		
806.40.16	1020	510	536		
806.40.17	1190	595	621		
806.40.18	1360	680	706		
For 1285 RBT					
806.40.19	500	425	451	27+55	90°
806.40.20	600	510	536		
806.40.21	720	595	621		
806.40.22	880	680	706		

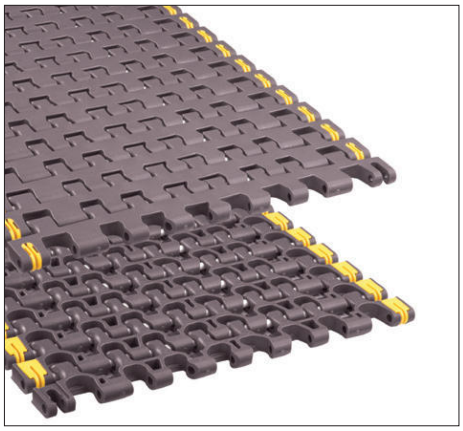


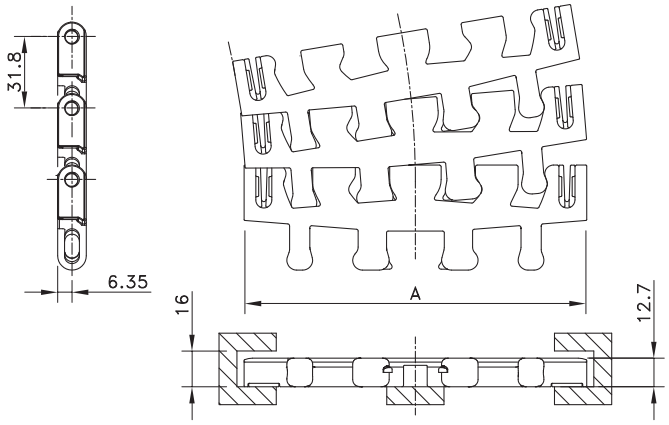


Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets						
Round Bores						
KUS1200-10T_30MM_1KW_PA	10331532	10	30	102.8	106.6	32.5
KUS1200-13T_40MM_1KW_PA	10332246	13	40	132.7	137.5	
KUS1200-15T_40MM_1KW_PA	10362432	15	40	152.7	158.1	
KUS1200-16T_40MM_1KW_PA	10332249	16	40	162.8	168.3	
Square Bores						
KUS1200-10T_30MM_S_PA	10331531	10	30	102.8	106.6	32.5
KUS1200-13T_40MM_S_PA	10332245	13	40	132.7	137.5	
KUS1200-15T_40MM_S_PA	10332248	15	40	152.7	158.1	
KUS1200-16T_40MM_S_PA	10362435	16	40	162.8	168.3	
Classic Sprockets						
Round Bores						
KU1200-8T_30MM_1KW_PA	10331344	8*	30	83.0	85.4	15.0
KU1200-10T_30MM_1KW_PA	10331347	10	30	102.8	106.6	
KU1200-13T_40MM_1KW_PA	10332071	13	40	132.7	137.5	
KU1200-15T_40MM_1KW_PA	10332074	15	40	152.7	158.1	
KU1200-16T_40MM_1KW_PA	10332077	16	40	162.8	168.3	
Square Bores						
KU1200-8T_25MM_S_PA	10330943	8*	25	83.0	85.4	15.0
KU1200-10T_40MM_S_PA	10332070	10	40	102.8	106.6	
KU1200-13T_40MM_S_PA	10332073	13	40	132.7	137.5	
KU1200-15T_40MM_S_PA	10332076	15	40	152.7	158.1	
KU1200-16T_40MM_S_PA	10332079	16	40	162.8	168.3	

* 8-teeth sprockets are not applicable for 1265 and 1285.

Radius 7956





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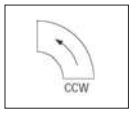
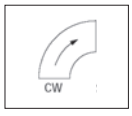
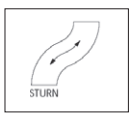
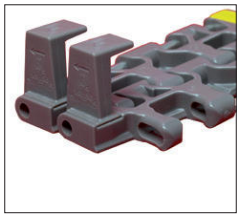
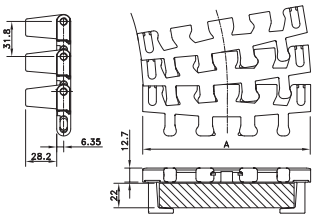
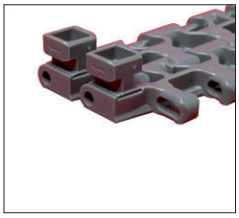
Assembly	Belt Type		Code Number*	Width A	Sideflex Radius (min)	Temperature range °C		Working Load (max.)		Weight	Backflex Radius (min.)
								Straight	In Curve		
				inch	inch	Dry	Wet	N/m (21°C)	N	kg/m²	mm
HP-Acetal with Polypropylene Pins											
Flat	HP 7956 NT-K6		81417101	6	12	2000	2000	-40 to + 80	-40 to +65	11.7	152
	HP 7956 NT-K12		81429711	12	24	3560	3560				
	HP 7956 NT-K15		81427901	15	30	4000	4000				
	HP 7956 NT-K18		81427911	18	36	4225	4225				
	HP 7956 NT-K24		81428241	24	48	5300	5300				
	HP 7956 NT-K30		81428631	30	60	5780	5780				
Tabs Two Sides (Hold-Down)	HP 7956 TAB-K6		81417091	6	12	2000	2000				
	HP 7956 TAB-K12		81429671	12	24	3560	3560				
	HP 7956 TAB-K15		81415631	15	30	4000	4000				
	HP 7956 TAB-K18		81421801	18	36	4225	4225				
	HP 7956 TAB-K24		81419711	24	48	5300	5300				
	HP 7956 TAB-K30		81427261	30	60	5780	5780				
Tabs Two Sides (GT)	HP7956 GT-K6		81436441	6	12	2000	2000	-40 to + 80	-40 to +65	11.7	152
	HP7956 GT-K12		81436471	12	24	3560	3560				
	HP7956 GT-K15		81436501	15	30	4000	4000				
	HP7956 GT-K18		81436531	18	36	4225	4225				
	HP7956 GT-K24		81436561	24	48	5300	5300				
	HP7956 GT-K30		81436591	30	60	5780	5780				
Bearing (Every 2nd Row)	HP7956 B-K6	CCW	81437471	6	12	2000	2000	-40 to + 80	-40 to +65	11.7	152
		CW	81437461								
		STURN	81437481								
	HP7956 B-K12	CCW	81437491	12	24	3560	3560				
		CW	81433641								
		STURN	81437501								
	HP7956 B-K15	CCW	81437521	15	30	4000	4000				
		CW	81437511								
		STURN	81437531								
	HP7956 B-K18	CCW	81433441	18	36	4225	4225				
		CW	81433691								
		STURN	81437541								
	HP7956 B-K24	CCW	81433611	24	48	5300	5300				
		CW	81437551								
		STURN	81437561								
	HP7956 B-K30	CCW	81437581	30	60	5780	5780				
		CW	81437571								
		STURN	81437591								

Curves

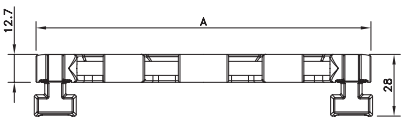


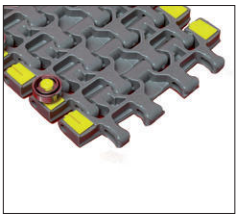
Hold-Down Tabs



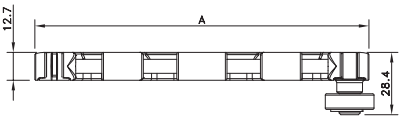


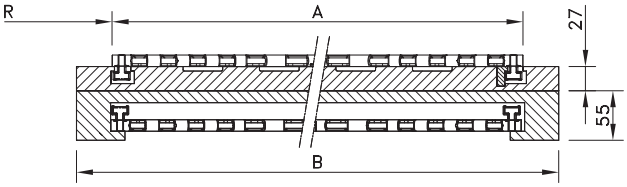
GT Tabs





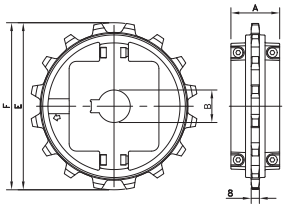
Bearings

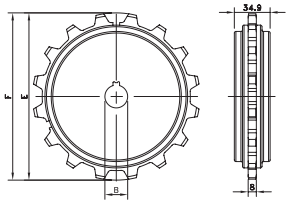




Curves for 7956 GT include a special curve guiding profile.
Other angles and non-standard tab curves on request.

Code Number	Radius R	Belt Width A	Curve Width B	Height	Angle
	mm	mm	mm	mm	
Curves					
For 7956 B					
808.40.00	305	6	196	27+55	90°
808.40.01	610	12	366		
808.40.02	762	15	451		
808.40.03	915	18	536		
808.40.04	1220	24	706		
808.40.05	1524	30	791		
For 7956 GT					
808.40.06	305	6	196	27+55	90°
808.40.07	610	12	366		
808.40.08	762	15	451		
808.40.09	915	18	536		
808.40.10	1220	24	706		
808.40.11	1524	30	791		





Sprocket Type	Code Number	Number of Teeth	Bore B	Pitch Diameter E	Outside Diameter F	Hub Width A
			mm/inch	mm	mm	mm
Split Sprockets						
Round Bores						
NS7956-16T_25MM_1KW_PA	10334114	16	25	162.7	163.2	48
NS7956-16T_30MM_1KW_PA	10019770	16	30			
NS7956-16T_35MM_1KW_PA	10334116	16	35			
NS7956-16T_40MM_1KW_PA	10334117	16	40			
Square Bores						
NS7956-16T_40MM_S_PA	10333885	16	40	162.7	163.2	48
NS7956-16T_50MM_S_PA	10333886	16	50			
NS7956-16T_60MM_S_PA	10333887	16	60			
Classic Sprockets						
Round Bores						
KU7956-14T_30MM_1KW_PA_SP	10331431	14	40	142.7	142.4	35
KU7956-14T_40MM_1KW_PA_SP	10332146	14	40			
KU 7956 T14 R40 **Square Bores**						
KU7956-14T_40MM_S_PA_SP	10332148	14	40	142.7	142.4	35

Belt Series	Standard (uncut)		Non -standard (cut)		MTW
	Minimum Belt Width	Belt width Increments	Minimum Belt Width	Belt width Increments	Moulded to Width Belts
500	85 mm	85 mm	85 mm	on request	-
515	4"	1"	2"	½"*	-
1505 imperial	3"	3"	4½"	¾"	-
1505 metric	85 mm	85 mm	85 mm	on request	-
1506	3"	3"	4½"	¾"	-
1505 SG	85 mm	85 mm	85 mm	on request	-
8500	6"	6"	2⅓"	⅓"	2⅓" - 3¼" - 4½" - 7½" - 85 mm
5935	6"	3"	3"	¾"	-
5936	6"	3"	2¼"	¾"	-
1000	85 mm	85 mm	55 mm	5 mm	-
1000 SG	85 mm	85 mm	80 mm	10 mm	-
1015	4"	1"	4"	½" **	-
1005	85 mm	85 mm	85 mm	17 mm	-
1005 SG	170 mm	85 mm	85 mm	17 mm	-
7705	6"	3"	5"	½"	3¼" - 4½" - 7½"
7706	6"	3"	5"	½"	3¼" - 4½" - 7½"
7708	9"	3"	5"	½"	-
6300	255 mm	75 mm	225 mm	on request	-
2000	3"	3"	3"	1½"	-
2010	6"	2"	3⅓"	⅔"	-
6990	9"	3"	5"	½"	-
1800	6"	3"	4,67"	0,33"	3"(1805)
9200	9"	3"	-	-	-
2500	18"	3"	3"	1½"	-
3125	-	-	-	-	12"
505	255 mm	85 mm	153 mm	17 mm	-
1255	255 mm	85 mm	153 mm	17 mm	-
1255 SG	255 mm	85 mm	153 mm	17 mm	-
1265	255 mm	85 mm	255 mm	17 mm	-
1275	255 mm	85 mm	237 mm	17 mm	-
1285	425 mm	85 mm	357 mm	17 mm	-
7956	-	-	-	-	6" - 12" - 15" - 18" - 24" - 30"
390	6 inch - 152.4mm	2 inch - 50.8mm	6 inch - 152.4mm	2 inch - 50.8mm	-
590	4 inch - 101.6mm	0.5 inch - 12.7mm	4 inch - 101.6mm	0.5 inch - 12.7	-
1090	4 inch - 101.6mm	0.5 inch - 12.7mm	4 inch - 101.6mm	0.5 inch - 12.7	-
6990 HYB	12 inch - 305mm	3 inch - 76.2mm	12 inch - 305mm	3 inch - 76.2mm	-
3122HYB (MTW)	4 inch - 101.6mm	-	-	-	4 inch - 101.6mm
3125HYB (MTW)	4 inch - 101.6mm	-	-	-	4 inch - 101.6mm
3120HYB	12 inch - 305mm	4 inch - 101.6mm	8 inch - 203.2mm	4 inch - 101.6mm	

*) after 12" belt width increments are 1" - **) after 24" belt width increments are 1" - ***) smaller sizes on request

Code nr. Ending on	Width mm	Code nr. Ending on	Width mm	Code nr. Ending on	Width mm	Code nr. Ending on	Width mm	Code nr. Ending on	Width mm	Code nr. Ending on	Width mm	Code nr. Ending on	Width mm
Code Numbers for 500, 1000, 1005, 1500, 505 and 1200-Series													
10	85	21	1020	32	1955	43	2890	54	3825	65	4760	76	5695
11	170	22	1105	33	2040	44	2975	55	3910	66	4845	77	5780
12	255	23	1190	34	2125	45	3060	56	3995	67	4930	78	5865
13	340	24	1275	35	2210	46	3145	57	4080	68	5015	79	5950
14	425	25	1360	36	2295	47	3230	58	4165	69	5100	80	6035
15	510	26	1445	37	2380	48	3315	59	4250	70	5185	81	6120
16	595	27	1530	38	2465	49	3400	60	4335	71	5270		
17	680	28	1615	39	2550	50	3485	61	4420	72	5355		
18	765	29	1700	40	2635	51	3570	62	4505	73	5440		
19	850	30	1785	41	2720	52	3655	63	4590	74	5525		
20	935	31	1870	42	2805	53	3740	64	4675	75	5610		

Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch	Code nr. Ending on	Width mm	Width inch
Code Numbers for 2000- and 2500-Series																				
10	76	3	22	991	39	34	1905	75	46	2819	111	58	3734	147	70	4648	183	82	5563	219
11	152	6	23	1067	42	35	1981	78	47	2896	114	59	3810	150	71	4724	186	83	5639	222
12	229	9	24	1143	45	36	2057	81	48	2972	117	60	3886	153	72	4801	189	84	5715	225
13	305	12	25	1219	48	37	2134	84	49	3048	120	61	3962	156	73	4877	192	85	5791	228
14	381	15	26	1295	51	38	2210	87	50	3124	123	62	4039	159	74	4953	195	86	5867	231
15	457	18	27	1372	54	39	2286	90	51	3200	126	63	4115	162	75	5029	198	87	5944	234
16	533	21	28	1448	57	40	2362	93	52	3277	129	64	4191	165	76	5105	201	88	6020	237
17	610	24	29	1524	60	41	2438	96	53	3353	132	65	4267	168	77	5182	204	89	6096	240
18	686	27	30	1600	63	42	2515	99	54	3429	135	66	4343	171	78	5258	207			
19	762	30	31	1676	66	43	2591	102	55	3505	138	67	4420	174	79	5334	210			
20	838	33	32	1753	69	44	2667	105	56	3581	141	68	4496	177	80	5410	213			
21	914	36	33	1829	72	45	2743	108	57	3657	144	69	4572	180	81	5486	216			

Product	Material Chain	Material Pin
STEEL SLATBAND CHAINS		
10-Series	AISI 430 (1.4016) special 17% chrome stainless steel for improved corrosion resistance, wearlife and strength	AISI 431 (1.4057)
60-Series	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	AISI 431 (1.4057)
60-Series HB	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	AISI 431 (1.4057) hardened
66-Series XHB	Special chrome-nickel stainless steel for excellent sliding properties, improved corrosion resistance, long wearlife and high strength	Special alloy Process hardened
SSC SSR	OPTI-Plus patented alloy of ferritic chrome-nickel stainless steel, for high strength and great wear resistance	AISI 431 (1.4057)
SS 805/815/881	Austenitic chrome-nickel stainless steel with properties similar to 18/8 material, offering good chemical resistance	Austenitic stainless steel
SS 802/812	Ferritic chrome stainless steel for mix of good wear life and high strength	AISI 431 (1.4057)
S SC	Thorough hardened carbon steel, for glassworks and other dry, abrasive applications, offering extremely high working loads and superior wear resistance	Hardened carbon steel
SSB 815	Austenitic stainless steel with a very high chemical resistance for corrosive environments where strong acids or bases are present. As nearly non-magnetic it is used in applications where magnetism of the chain can cause malfunctioning of the system	Austenitic stainless steel
Rubber top	Special elastomere with a hardness of 70 Shore A	
Plastic Slatband Chains		
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal; intended for high-output applications at moderate to high speeds. Colour: light brown	Stainless steel (1.4057)
HP	High Performance internally lubricated acetal (POM), for reduced wear up to 40% over plain acetal; intended for dry running or reduced lubrication and high-speed applications. Colour: Braun	
PSX	Advanced performance polymer alloy designed specifically for run dry applications. Colour: grey	
BWX	Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal; to be used in dry running glass handling applications and when the chain is subjected to sand and dirt. Colour: Black	
LBP	Wear resistant, extra low friction XLA-acetal with special selflubricating additives. Colour: anthracite Rollers are made of special wear resistant and sound absorbing plastic; colour: aubergine. Roller shafts: stainless steel AISI 304 (1.4301)	
DRY-PT	Advanced performance polymer alloy designed specifically for run dry applications. Colour: Lime Green	
SuperGrip	Wear resistant polyester. Colour: anthracite. Rubber top material: special elastomere with a hardness of 70 Shore A. Colour: aubergine	
XLG	Internally lubricated, extra low friction acetal for improved wearlife and high strength; FDA approved. Colour: green-blue	
DKA	Aramide reinforced acetal (POM) for wet or dry abrasive conditions, offering enhanced wear properties over plain acetals in combination with the low friction of a lubricated material. This material is available on request for a selected range of TableTop products.	
MR	Melt resistant nylon PA. Formulated to be used in applications where conveying hot products may cause chain top surface to melt. Colour: black	
CRS	Polyester formulated to reduce or eliminate material degradation in application where chemicals such as chlorine and phosphorous are present at moderate concentrations. Colour: grey	
PLATE TOP CHAINS		
Base chain	Standard: Carbon steel	
	SS: Stainless steel	
Plate Top	LF acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: light brown	
	HP internally lubricated acetal (POM) for reduced wear up to 40% over plain acetal. Colour: grey	
	BWX Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal. Colour: Black	
	WPC Polycarbonate offering resistance to product dropped into the chain. Colour: white	

Product	Material Belt	
Plastic Modular Conveyor Belts		
AS	Acetal with improved electrical conductive properties, reducing the build-up of static electricity. Colour: black	
WHT*	Polypropylene for high temperature applications. FDA-approved. Colour: white	
BHT*	Polypropylene for high temperature applications. FDA-approved. Colour: blue	
BLT*	Polyethylene for low temperature applications; high impact resistance. FDA-approved. Colour blue	
SMB*	Acetal for high pressure and high speed, due to the hard surface; good abrasion resistance. FDA-approved. Colour blue	
BSM*	Acetal with high resistance against wear and superficial damage. Colour: black	
BYSM	Acetal with high resistance against wear and superficial damage. Colour: black with yellow end modules	
HP	High Performance internally lubricated acetal (POM), for reduced wear up to 40% over plain acetal; intended for dry running or reduced lubrication and high-speed applications. Colour: Braun	
HT	Polypropylene for applications with high temperatures; good chemical resistance. Colour: beige	
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal; intended for high-output applications at moderate to high speeds. Colour: light brown	
PSX	Advanced performance polymer alloy designed specifically for run dry applications. Colour: grey	
TCF	Tough Composite Friction material with high strength and excellent impact and chemical resistance for high-speed case incline or decline conveyors. Colour: light grey	
USP	Ultra Stabilized Polypropylene to increase reliability and prolong wear life in high temperature, chemically-aggressive pasteurizer, warmer and cooler applications. Colour: green	
WLT*	Polyethylene for low temperature applications; high impact resistance. FDA-approved. Colour: white	
WSM	Acetal for high pressure and high speed, due to the hard surface; good abrasion resistance. FDA-approved. Colour: white	
BWX	Polyamide composite for extended wear life up to five times compared to acetal materials; to be used in dry running glass handling applications where abrasive shards of glass can wear other materials rapidly; it can also be used in applications where the belt is subjected to sand and dirt. Colour: Black	
DKA	Aramide reinforced acetal (POM) for wet or dry abrasive conditions, offering enhanced wear properties over plain acetals in combination with the low friction of a lubricated material. This material is available on request for a selected range of TableTop products.	
XLA	Internally lubricated, extra low friction acetal for improved wearlife and high strength. Colour: anthracite	
XLG	Internally lubricated, extra low friction acetal for improved wearlife and high strength; FDA approved. Colour: green-blue	
XP	Wear resistant polypropylene with excellent long term heat stability – up to 104°C – and a very good chemical resistance; FDA approved. Colour: light green	
Dry-PT	Advanced performance polymer alloy designed specifically for run dry PET applications. Colour: Lime Green	
XLBP	Wear resistant, extra low friction XLA-acetal with special selflubricating additives. Colour: Grey Rollers are made of special wear resistant and sound absorbing plastic; colour: Lime Green Roller shafts: stainless steel AISI 304 (1.4301)	
MR	Melt resistant nylon PA. Formulated to be used in applications where conveying hot products may cause chain top surface to melt. Colour: black	
CRS	Polyester formulated to reduce or eliminate material degradation in application where chemicals such as chlorine and phosphorous are present at moderate concentrations. Colour: grey	
DTS-C® transfer	Super tough reinforced polyamide, wear and abrasion resistant, extra high strength. Colour: White	
Finger transfer 2500	Mounting block: MCC 1001; high grade mix of UHMWPE. Colour: black Fingers: Reinforced BPR-Polypropylene. Colour: green-blue	
Profile fingerplates 1000/2000	Stainless steel AISI 304 (1.4301)	
HTX	HTX is a leading edge advanced polymer engineered specifically for heat shrink tunnels. Colour: Grey	
FRPLUS	Flame Retardant Low Friction (metallic silver)	
FR-PA	Flame Retardant Polyamide	
Multiflex and Case Conveyor Chain		
HP	High Performance internally lubricated acetal (POM) for reduced wear up to 40% over plain acetal. Colour: brown	Stainless steel
LF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: light brown	Stainless steel 1700 K: zinc plated stainless steel
WLF	Low Friction acetal (POM) and special blend of lubricants for reduced wear up to 15% over plain acetal. Colour: white	Stainless steel 1700 K: zinc plated stainless steel
AC	Armor Clad acetal with hardened steel top plates	Zinc plated
BWX	Polyamide composite for extended wear life in abrasive circumstances up to five times compared to plain acetal. Colour: black.	Stainless steel 1700 K: zinc plated stainless steel
Corner disc Hub	Reinforced Polyamide HP Low Friction acetal (ND 1700 FL/TR): brass (880)	
BL	Acetal. Colour: blue, RAL 5005	AISI 301 (1.4310)
WPP	Chemical resistant and high temperature water resistant polypropylene with glass fibers. Colour: white	

* Comply with the relevant requirements as laid down in: Framework Regulation (EC) 1935/2004 (dated 27-10-2004). EU Commission Regulation (EU) 10/2011 relating to plastic materials (tested according to EC Directive 97/48/EC; Migration testing (2nd amendment of 82/711/EEC) and EC Directive 85/572/EC; List of simulants).

Part	Material
Curves	
Combi-X Curves	UHMWPE with solid lubricants. This results in lower friction and longer guide wear life meaning less energy consumption and lower maintenance cost.
Upper part of Combi-A and CIP-curves	MCC 1200, ultra high molecular weight polyethylene, for optimum wear and abrasion resistance with a high molecular weight. Colour: aubergine
Upper part of Combi-G curves	MCC 2000, ultra high molecular weight polyethylene, with specially integrated ceramic additives, for superior abrasion resistance with a high molecular weight. Colour: green-yellow
Upper part of Combi-S curves	MCC 3500, special polyamide for optimum wear resistance in dry running lines where plastic chains run at high speeds. Colour: Black
Upper part of Combi-L curves	MCC 3000, ultra high molecular weight polyethylene, for noise reduction and high PV limits with a high molecular weight. Colour: Black
All return parts	MCC 1002, high grade mix of ultra high molecular weight polyethylene, for good wear and abrasion resistance with a high molecular weight. Colour: black
Cover plates	Stainless steel AISI 430 (1.4016)
Screws	Stainless steel
Inserts (optional)	Brass
Return guide shoe	MCC 1200, ultra high molecular weight polyethylene, for good wear and abrasion resistance with a high molecular weight. Colour: black
Tubes in CIP-curves	Stainless steel AISI 303 (1.4305)
Nozzles in CIP-curves	Stainless steel AISI 303 (1.4305)
Tab curves - inserts (optional)	MCC 1003, ultra high molecular weight polyethylene, for good wear and abrasion resistance.

Sprocket	Material
	Sprockets and Idlers for Tabletop Chains
N/NS/NSH	Super tough reinforced polyamide, wear and abrasion resistant
KU(S)/KT/NS(T)/N(T)/SD	Polyamide
ST	Carbon steel
Bolts	Stainless steel AISI 304 (1.4301)
Inserts	Brass
Sprockets and Idlers for Multiflex Chains	
KU/KUS/N/NT	Polyamide
ZN	Zinc plated steel
CI	Cast iron
Sprockets for Case Conveyor Chains	
KU	Polyamide
SR	Super tough reinforced polyamide, wear and abrasion resistant
Hub	Carbon steel with black finish or stainless steel
Sprockets for Modular Belts	
NS 500/1000/ NSH1500/1005 NS 1500/5996/5700/7700/8500/7956 N 1500 NS 2500 RPA	Reinforced polyamide; extra high strength, wear and abrasion resistant
KU/KUS 500/1000/505/1255 KU 1500/3125/5936/7700/8500/7956 KUS 1500/7700/3125	Polyamide; super tough, wear and abrasion resistant
KUS 1005/505/1255	Special plastic; super tough, wear and abrasion resistant
KU 1010 KU 2010	Polyethylene
N 5996/4700/5936 N/NS 2000	POM Acetal; wear resistant
Bolts and nuts	Stainless steel AISI 304 (1.4301)
Inserts	Brass

Notes

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Please contact our Application Engineers at +31 174 445 111 for assistance with product selection.

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