

PLASTIC MATTOP CHAINS

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 programme. The MCC 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 and MCC 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 instability, 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. LBP1005 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

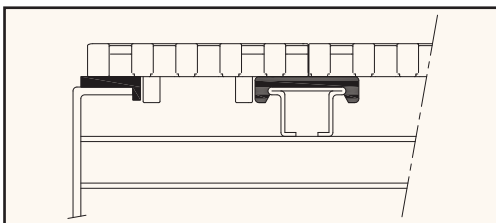
This belt range offers a solution for almost any curved application.



- 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.

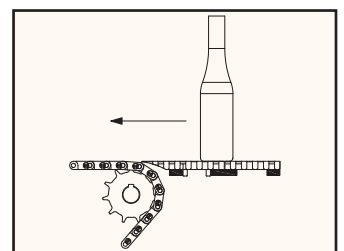
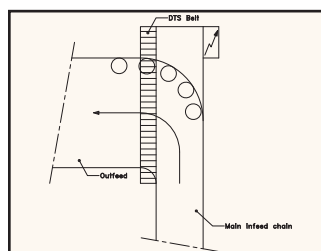


- Positrack guiding system

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.

PLASTIC MATTOP CHAINS

PROGRAMME

STRAIGHT RUNNING BELT SERIES		APPLICATION														
		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
type	pitch															
500	½"															
510	½"															
1500	15 mm															
8500	¾"															
5930	¾"															
1000	1"															
1005	1"															
1010	1"															
7700	1"															
6300T	50 mm															
2000	2"															
2010	2"															
6990	2¼"															
9200	2¼"															
2500	2½"															
3120	3"															

SIDEFLEXING BELT TYPES		APPLICATION							
		Small packages	Standard packages	180-Degree conveyors	High-speed conveyors	Small radius	Crates, bread tins	Incline conveyors	Direct food contact
type	pitch								
505	½"								
1255	1¼"								
1265	1¼"								
1275	1¼"								
1285	1¼"								
7956	1¼"								

Best choice
Optional

MATERIAL	APPLICATION												
	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													
HP													
PS													
WX													
DKA													
AS													
XP/HT													
WSM*													
WHT*													
WLT*													
BSM/BYSM													

*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

500-SERIES MATTOP CHAINS

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.

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

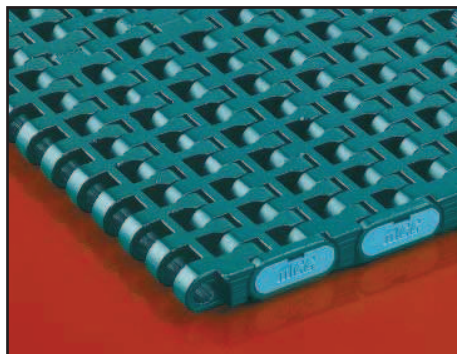


CONVEYOR WITH 500 BELT

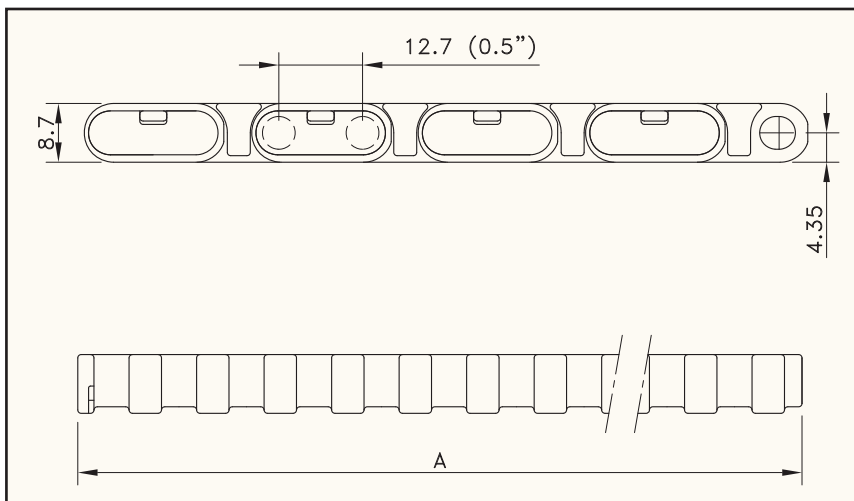


CONVEYOR WITH 500 BELT

500-SERIES



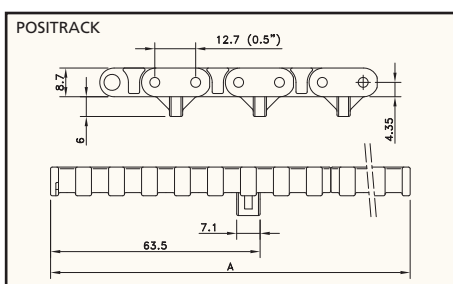
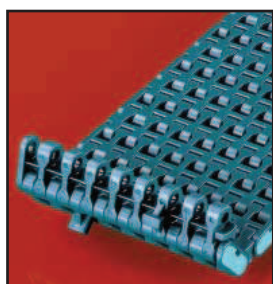
**FLUSH GRID
500**



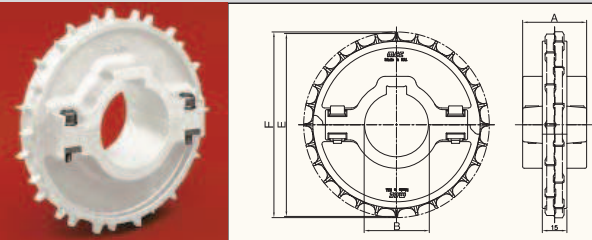
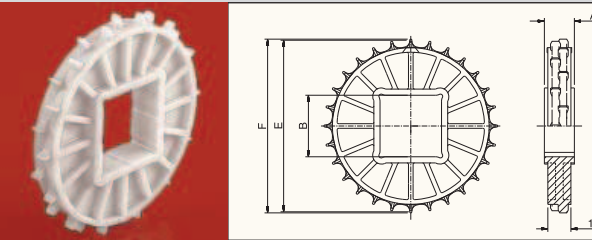
MATERIAL
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Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FG 500 XLG	857.40.xx	4 to 80	4 to 65	13000	6.00	8
POSITRACK 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 211 for all code numbers. Cut to width options upon request.



FLUSH GRID 500 BELT WITH POSITRACK

Sprocket Type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	
			mm/inch	mm	mm	mm	
SPLIT SPROCKETS							
ROUND BORES							
SSW 500 28-30	899.14.17	28	30 mm	113.4	113.4	39	
SSW 500 28-40	899.14.11	28	40 mm				
SSW 500 28-1½	899.14.31	28	1.5"				
SQUARE BORES							
SSW 500 28-40x40	899.14.21	28	40 mm	113.4	113.4	39	
SSW 500 28-1½x1½	899.14.41	28	1.5"				
CLASSIC SPROCKETS							
ROUND BORES							
CS 500 16-25	895.26.16	16	25 mm	65.2	65.2	20	
CS 500 16-30	895.26.17	16	30 mm				
CS 500 28-25	895.24.16	28	25 mm	113.4	113.4		
CS 500 28-30	895.24.17	28	30 mm				
CS 500 28-40	895.24.11	28	40 mm				
CS 500 28-1½	895.24.41	28	1.5"				
CS 500 38-40	895.20.11	38	40 mm	153.8	153.1		
SQUARE BORES							
CS 500 28-40x40	895.24.21	28	40 mm	113.4	113.4	20	
CS 500 28-60x60	895.24.28	28	60 mm				

MATERIAL
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510-SERIES MATTOP CHAINS

The 510-series ½-inch pitch belt is meant for light duty applications, where cleanability and hygiene have got the highest importance. The extreme small ½" pitch enables very small transfers, high speeds and low noise. It can handle meat, poultry, seafood, fruits and salads after being cut or processed otherwise.

FEATURES

- When turning over a small roller and/or nose bar (suitable for up to 20mm) the hinges open, exposing a large pin surface, offering excellent cleaning possibilities. The hinge design is extremely open and accessible, so a large surface of the pin and the inside of the hinge can be cleaned directly. The bottom of the module is rounded, improving drainage and reducing drying time of the belt after cleaning.
- The belt is supplied mould-to-width up to 12 inch, avoiding adjacent surfaces between the modules. The hinges are ½ inch wide, reducing the number of adjacent surfaces in-between.
- Smooth running at high speeds (up to 2 m/s) and low noise operation. Bi-directional; virtual no chordal action due to the specific hinge design and therefore smooth handling of most vulnerable.
- Double teeth rows fully closed machine sprockets, ideal for cleaning. Sprocket well positioned and retained sideways. Sprockets drive on the pin (roller chain principle).
- Small transfers, total centre to centre distance 43 mm only.
- Moulded pin with T-shaped pin retention. Minimum of pin coverage by eyes (front and bottom) and easy pin retention without loose parts. Open and accessible the pin is completely "free" from the module.

PROGRAMME

515 Solid Top	Closed Surface; it offers the best support to vulnerable products and prevents loss of small products
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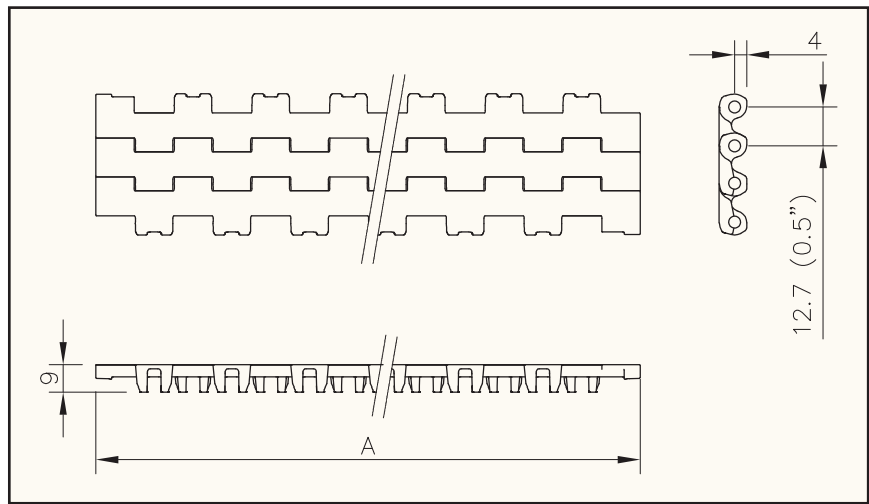


CONVEYOR WITH 515 BELT




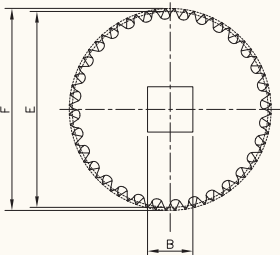

POTATOES PROCESSING ON 515 BELT

510-SERIES



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
WLT-POLYETHYLENE WITH POLYESTER PINS							
STANDARD	WLT 515	846.42.02	-40 to +35	-40 to +35	3000	4.40	15
BLT-POLYETHYLENE WITH POLYESTER PINS							
STANDARD	BLT 515	846.42.52	-40 to +35	-40 to +35	3000	4.40	15
WHT-POLYPROPYLENE WITH POLYESTER PINS							
STANDARD	WHT 515	849.42.02	4 to 80	4 to 65	5000	4.20	15
BHT-POLYPROPYLENE WITH POLYESTER PINS							
STANDARD	BHT 515	849.42.52	4 to 80	4 to 65	5000	4.20	15
WSM-ACETAL WITH POLYESTER PINS							
STANDARD	WSM 515	844.42.02	-40 to +80	-40 to +65	7500	6.10	15
SMB-ACETAL WITH POLYESTER PINS							
STANDARD	SMB 515	844.42.52	-40 to +80	-40 to +65	7500	6.10	15

* In code numbers xx corresponds with the belt width (A), for White belts (WLT, WHT, WSM) starting with 02 for 4, 03 for 5", for Blue belts (BLT, BHT, SMB) starting with 52 for 4", 53 for 5", and so on in steps of 1", up to 44"; see also page 211.

Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width		<div>MATERIAL</div> <div>pag. 214</div>
			B	E	F	A		
			mm	mm	mm	mm		
CLASSIC SPROCKETS								
ROUND BORES								
KU 510 T10 R20	897.01.01	10	20	41.1	43.6	16.7		
KU 510 T14 R25	897.00.00	14	25	57.1	61.1			
KU 510 T24 R25	897.00.01	24	25	97.3	101.3			
KU 510 T38 R 40	897.00.10	38	40	153.8	157.8			
SQUARE BORES								
KU 510 T24 S40	774.01.80	24	40	97.3	101.3	16.7		
KU 510 T32 S40	897.01.73	32	40	129.6	133.6			
KU 510 T38 S40	897.00.11	38	40	153.8	157.8			

1500-SERIES MATTOP CHAINS

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.

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)
Belt accessories	Flights and sideguards for special applications in food industry (imperial executions only)

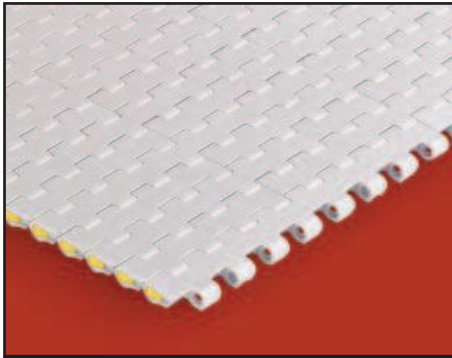


WINE BOTTLE CONVEYOR WITH 1505 BELT

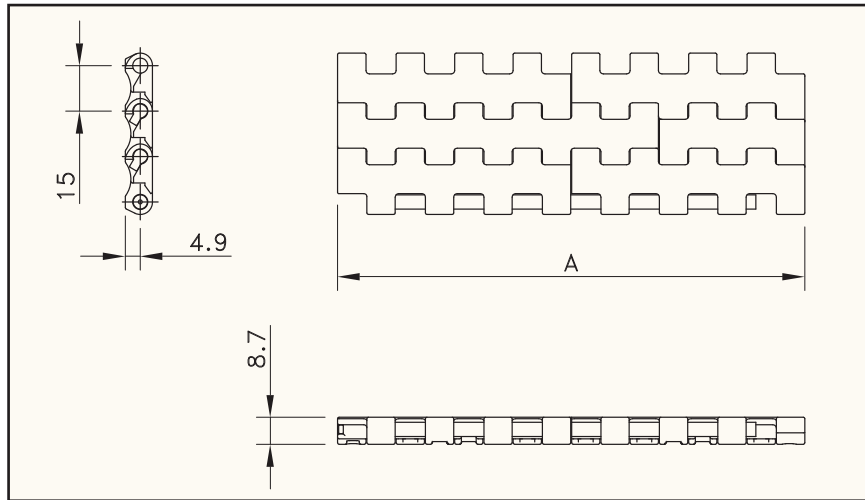


CONVEYOR WITH SGDP1505 XP BELT

1500-SERIES



**FLAT TOP
1505
IMPERIAL SIZES**



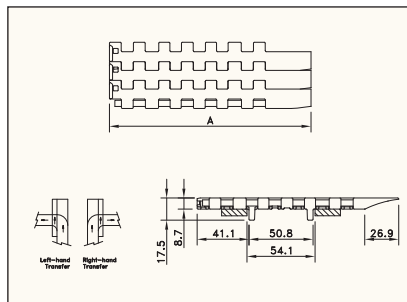
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH PBT PINS							
STANDARD	HP 1505	I1505HPKxx	-40 to +80	-40 to +65	13200	6.24	16
DTS LEFT	HP 1505 DTS SX	81413971					
DTS RIGHT	HP 1505 DTS DX	81414111					
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 1505	I1505HTKxx	5 to 105	5 to 105	7300	4.52	16
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1505	I1505WLTkxx	-70 to +35	-70 to +35	2800	4.80	16
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1505	I1505BLTKxx	-70 to +35	-70 to +35	2800	4.80	16
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	WHT 1505	I1505WHTKxx	4 to 80	4 to 65	7300	4.50	16
BHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	BHT 1505	I1505BHTKxx	4 to 80	4 to 65	7300	4.50	16
WSM-ACETAL WITH PBT PINS							
STANDARD	WSM 1505	I1505WSMKxx	-40 to +80	-40 to +65	13200	6.20	16
SMB-ACETAL WITH PBT PINS							
STANDARD	SMB 1505	I1505SMBKxx	-40 to +80	-40 to +65	13200	6.20	16

* 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 211.

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

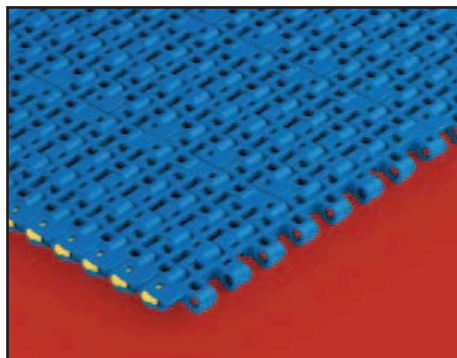
Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1505	
Width (A)	K-.. (in inches)	
Flights	F1 or F2 or H..	Standard height of 1" (25.4 mm), 2" (50.8 mm) or special height in mm
Pitch between flights	T..P	Flights on every .. th row
Flight side-indent	N.. (in inches)	Minimal 1⅛" (48 mm) with ¼" (19 mm) increments
Sideguards	SG2	Standard height of 2"

Example: BLT 1505 K-12 H50 T4P N1⅛ SG2 is a 1505 Flat Top belt, made of blue polyethylene, width 12", special 50 mm high flights on every 4th row at 1⅛" from the sides and 2" high sideguards.

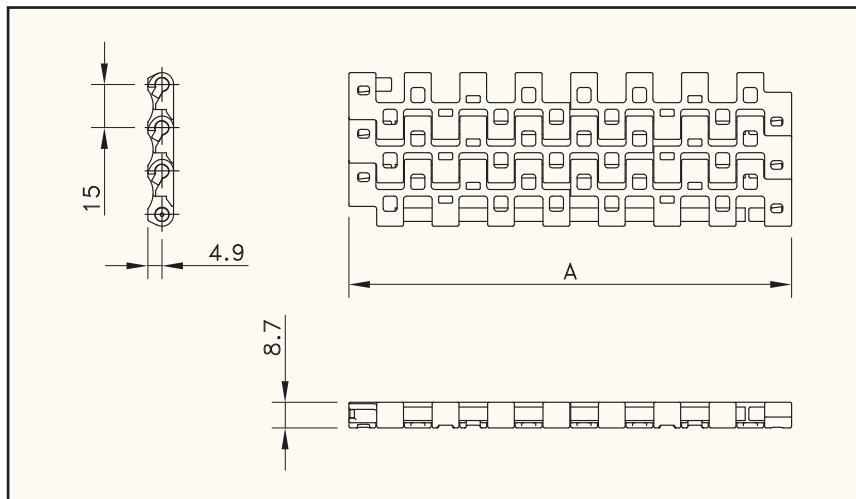


DYNAMIC TRANSFER SYSTEM (DTS) 1500-SERIES IMPERIAL

1500-SERIES



**FLUSH GRID
1506
IMPERIAL SIZES**



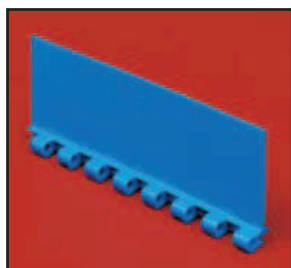
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH PBT PINS							
STANDARD	HP 1506	I1506HPKxx	-40 to +80	-40 to +65	13200	6.24	16
DTS LEFT	HP 1505 DTS SX	81413971					
DTS RIGHT	HP 1505 DTS DX	81414111					
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 1506	I1506HTKxx	5 to 105	5 to 105	7300	4.52	16
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1506	I1506WLTkxx	-70 to +35	-70 to +35	2800	4.80	16
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1506	I1506BLTKxx	-70 to +35	-70 to +35	2800	4.80	16
WHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	WHT 1506	I1506WHTKxx	4 to 80	4 to 65	7300	4.50	16
BHT-POLYPROPYLENE WITH PBT PINS							
STANDARD	BHT 1506	I1506BHTKxx	4 to 80	4 to 65	7300	4.50	16
WSM-ACETAL WITH PBT PINS							
STANDARD	WSM 1506	I1506WSMKxx	-40 to +80	-40 to +65	13200	6.20	16
SMB-ACETAL WITH PBT PINS							
STANDARD	SMB 1506	I1506SMBKxx	-40 to +80	-40 to +65	13200	6.20	16

* 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 211.

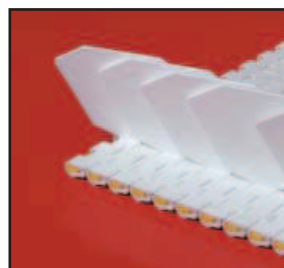
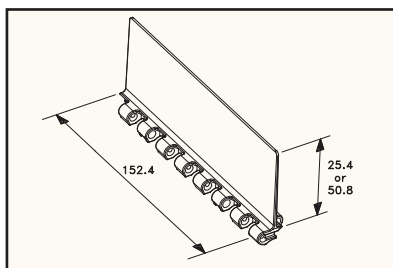
If you need flights or sideguards, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1506	
Width (A)	K-.. (in inches)	
Flights	F1 or F2 or H..	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 1⅛" (48 mm) with ¾" (19 mm) increments
Sideguards	SG2	Standard height of 2"

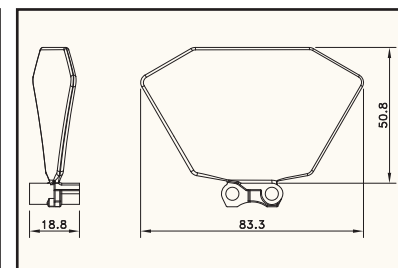
Example: WSM 1506 K-15¾ F1 T8P N1⅛ SG2 is a 1506 Flush Grid belt, made of white acetal, width 15¾", 1" high flights on every 8th row at 1⅛" from the sides and 2" high sideguards.



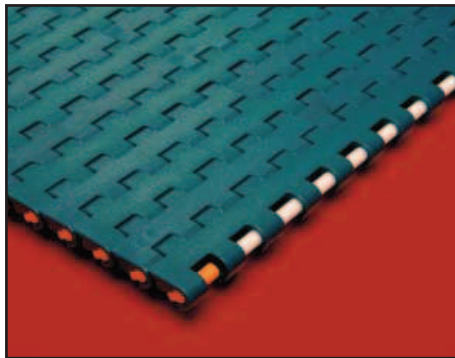
FLIGHT FOR 1500-SERIES IMPERIAL



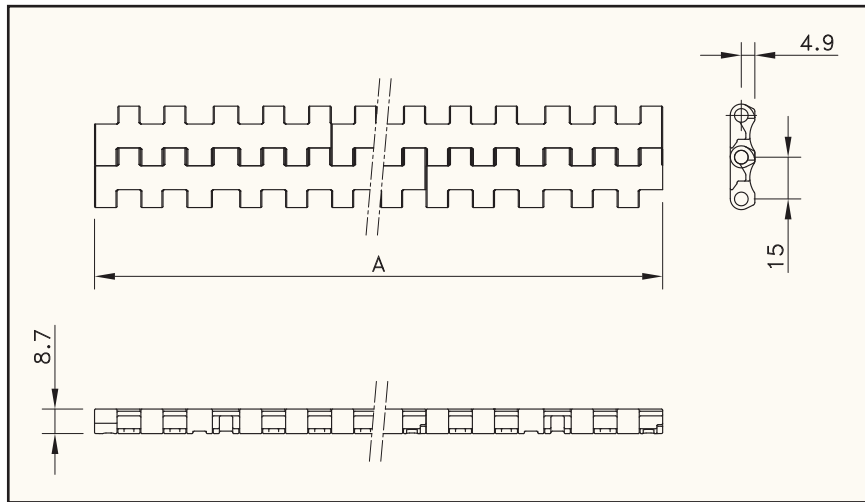
SIDEGUARDS FOR 1500-SERIES IMPERIAL



1500-SERIES

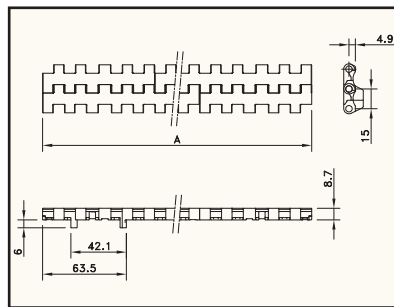
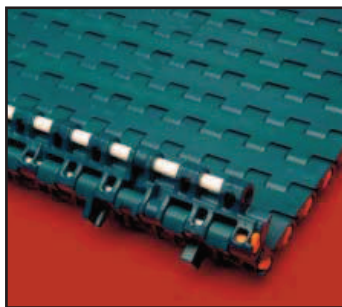


**FLAT TOP
1505
METRIC SIZES**



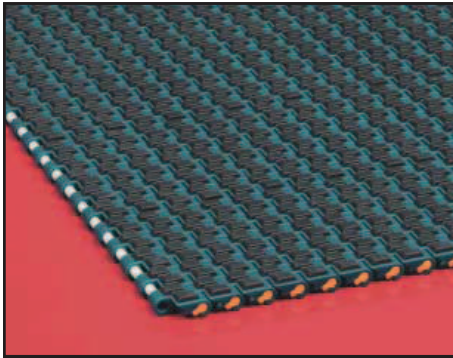
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	FT 1505 XLG	873.44.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	FTDP 1505 XLG	873.54.xx					
XP-POLYPROPYLENE WITH 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 PBT 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					

* 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 211 for all code numbers. Cut to width options are possible.

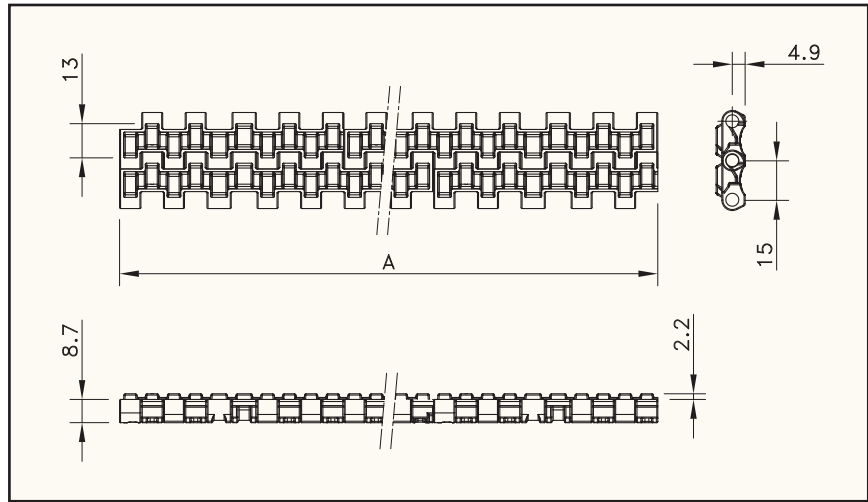


POSITRACK 1505 METRIC

1500-SERIES



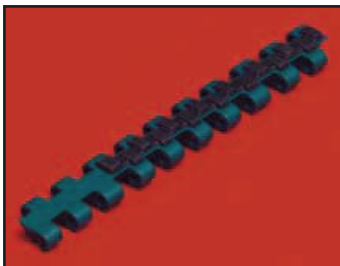
**FLAT TOP
1505
SUPERGRIP**



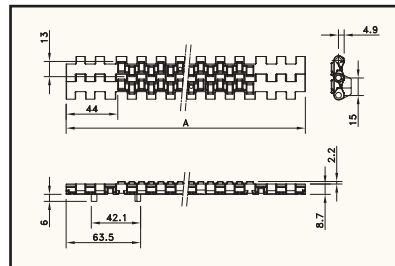
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	SG 1505 XLG	878.00.xx	-40 to +80	-40 to +65	13200	6.35	25
DOUBLE POSITRACK	SGDP 1505 XLG	878.12.xx					
SIDE-INDENT	SGS 1505 XLG	878.01.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 XLG	878.13.xx					
XP-POLYPROPYLENE WITH POLYPROPYLENE 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
DOUBLE POSITRACK	SGDP 1505 WHT	878.18.xx					
SIDE-INDENT	SGS 1505 WHT	878.05.xx					
SIDE-INDENT DOUBLE POSITRACK	SGSDP 1505 WHT	878.19.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 211 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.

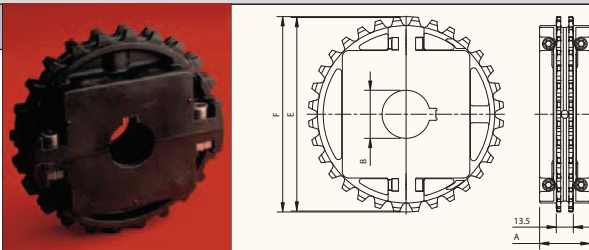
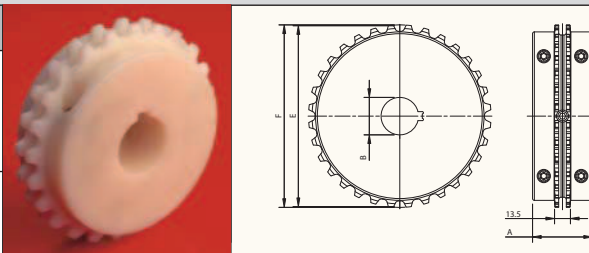
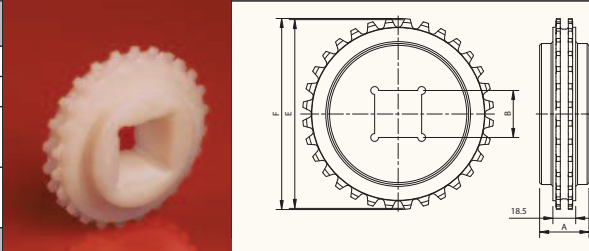


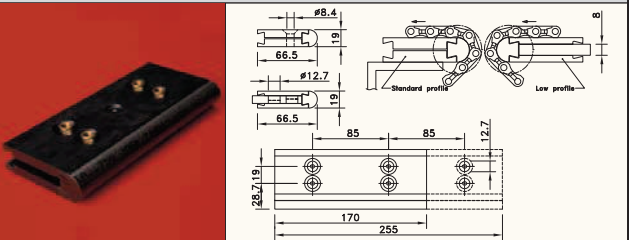
1505 SUPERGRIP SIDE-INDENT



1505 SUPERGRIP SIDE-INDENT WITH POSITRACK

1500-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	MATERIAL pag. 214
SPLIT SPROCKETS 1505 INJECTION MOULDED							
ROUND BORES							
NS 1500 T24 R25	614-213-7	24	25	114.9	115.5	40.0	
NS 1500 T24 R30	614-213-1	24	30				
NS 1500 T24 R35	614-213-6	24	35				
NS 1500 T24 R40	614-213-4	24	40				
NS 1500 T32 R25	614-212-8	32	25	153.4	154.8		
NS 1500 T32 R30	614-212-1	32	30				
NS 1500 T32 R35	614-212-6	32	35				
NS 1500 T32 R40	614-212-2	32	40				
SQUARE BORES							Not suitable in combination with FTDP, SGDP, and SGSDP due to the Positrack lugs
NS 1500 T24 S40	614-142-2	24	40	114.9	115.5	40.0	
NS 1500 T24 S60	614-142-1	24	60				
NS 1500 T32 S40	614-211-1	32	40	153.4	154.8		
NS 1500 T32 S60	614-211-2	32	60				
SPLIT SPROCKETS 1505 MACHINED							
ROUND BORES							
KUS 1500 T24 R25	614-284-5	24	25	114.9	115.5	50.8	
KUS 1500 T24 R30	614-284-1	24	30				
KUS 1500 T24 R35	614-284-6	24	35				
KUS 1500 T24 R40	614-284-2	24	40				
CLASSIC SPROCKETS 1505 MACHINED							
ROUND BORES							
KU 1500 T12 R30	114-3625-22	12	30	58.1	58.2	24.1	
KU 1500 T16 R30	114-3756-28	16	30	77.1	77.7	31.8	
KU 1500 T24 R30	114-2727-7	24	30	114.9	115.5	40.0	
KU 1500 T24 R40	114-2727-8	24	40				
KU 1500 T32 R30	114-2812-6	32	30	153.4	154.8	40.0	
KU 1500 T32 R40	114-2812-12	32	40				
SQUARE BORES							
KU 1500 T24 S25	114-4518-4	24	25	114.9	115.5	40.0	
KU 1500 T32 S40	114-2813-10	32	40	153.4	154.8	40.0	

Part number	Width	Hole spacing	Plate size	Inserts	
NOSE-OVER BARS					
STANDARD VERSION					
905-655711	6"	3"	-	-	
LOW VERSION					
905-656301	170 mm	85 mm	8 mm	M6	
905-656291	255 mm	85 mm	8 mm	M6	
905-655721	6"	3"	8 mm	M6	
905-655731	6"	3"	¼"	¼-20	
Other versions can be supplied upon request.					

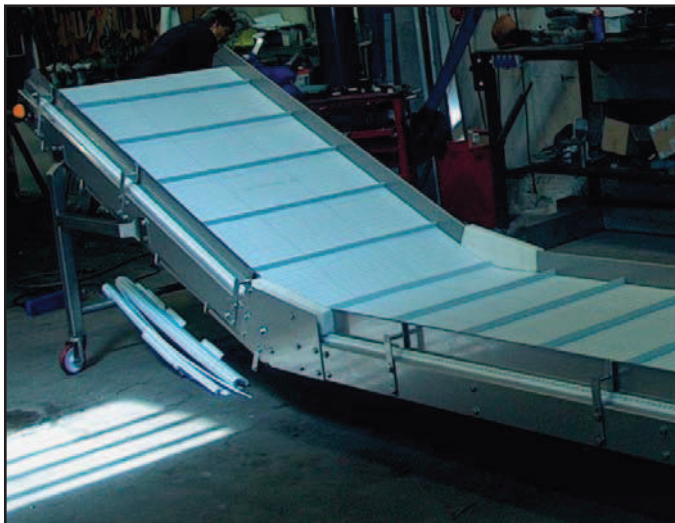
8500-SERIES MATTOP CHAINS

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.

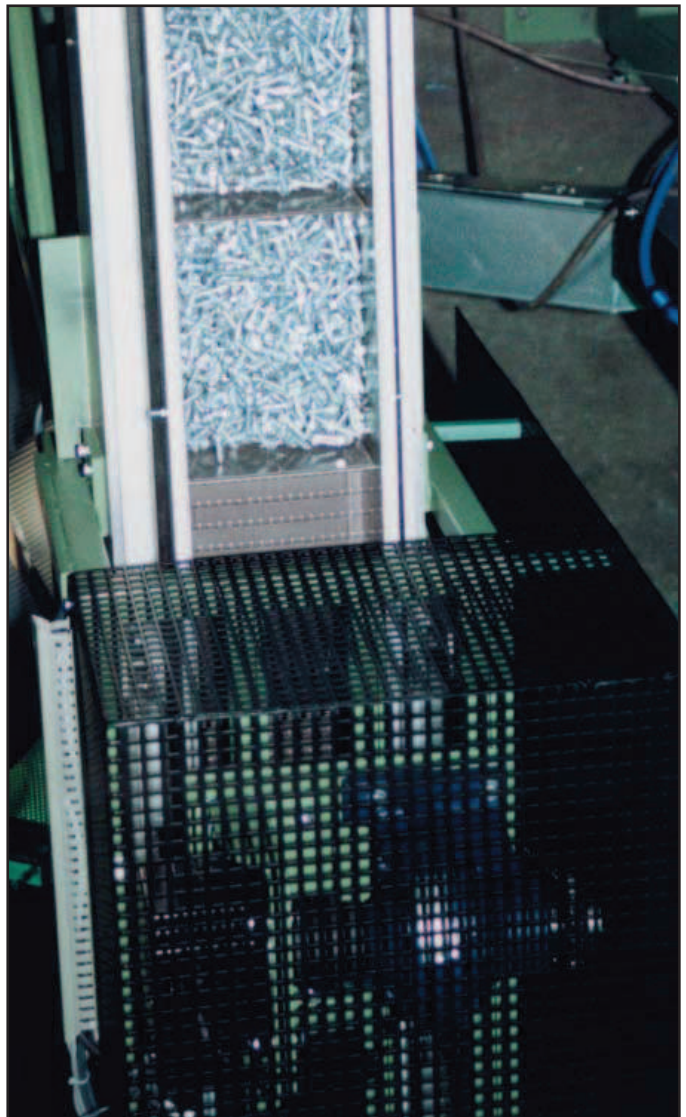
FEATURES

- 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.

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

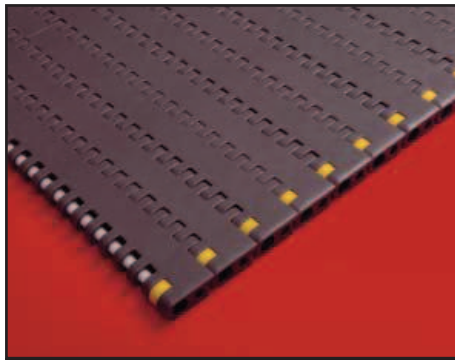


CONVEYOR WITH 8506 BELT AND FLIGHTS READY FOR TRANSPORT

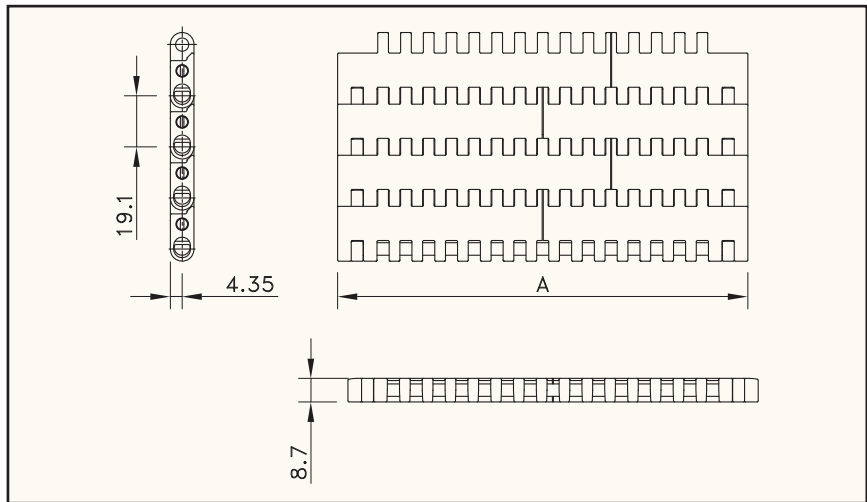


BOLT ELEVATING ON 8505 BELT

8500-SERIES



**SOLID TOP
8505**



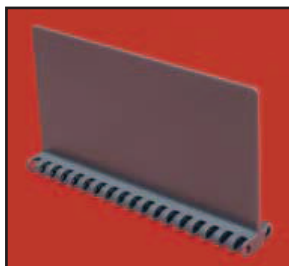
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 8505	I8505HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS LEFT/POSITRACK	HP 8505 K450 DTS-SX	81415811					
DTS RIGHT/POSITRACK	HP 8505 K450 DTS-DX	81415791					
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 8505	I8505HTKxx	5 to 105	5 to 105	16000	5.96	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 2 1/3" with 1/3" increments. See also page 211.

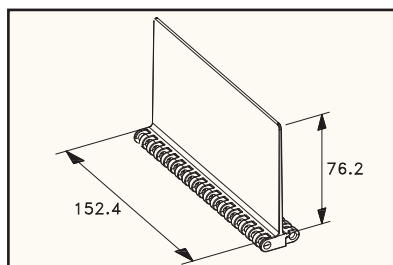
If you require flights, sideguards or tab guides, please describe the belt by choosing from the options listed in the 2nd column of the table:

Material	HP or WHT	
Belt type	8505	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 6"
Flights	F3 or F2 or F1 or H..	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 1 1/3" with 1/3" increments; in case of sideguards indents 1 1/2" or 2 1/4" only
Sideguards	SG2 or SG1	Standard height of 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 1/3"
Pitch between Tabs	D..P	Must correspond to an even number of rows

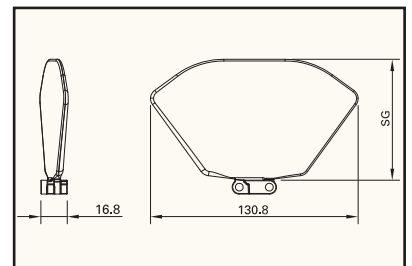
Example: HP 8505 K16 1/3 F3 T4P N2 1/3 TAB2 D3 D4P is a 8505 Solid Top belt, made of dark grey acetal, width 16 1/3", 3" high flights on every 4th row at 2 1/3" from the sides, no sideguards and 2 rows of tabs with a distance in-between of 3" on every 4th row.



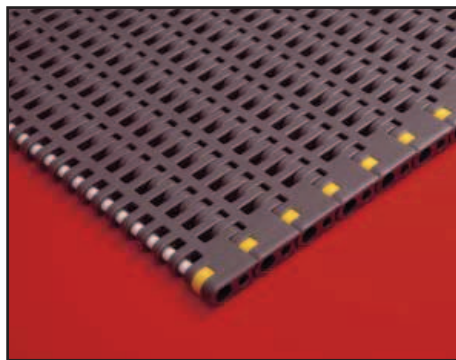
FLIGHT 8500-SERIES FOR INCLINED APPLICATIONS



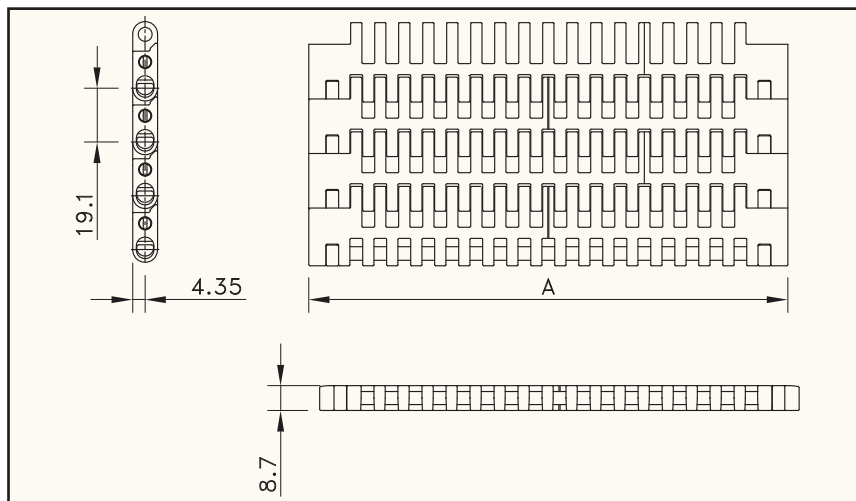
SIDEGUARDS 8500-SERIES



8500-SERIES



**PERFORATED TOP
8506**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 8506	I8506HPKxx	-40 to +80	-40 to +65	29000	8.89	25
DTS LEFT/POSITRACK	HP 8505 K450 DTS-SX	81415811					
DTS RIGHT/POSITRACK	HP 8505 K450 DTS-DX	81415791					
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 8506	I8506WHTKxx	5 to 105	5 to 105	16000	5.96	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 2 1/3" with 1/3" increments. See also page 211.

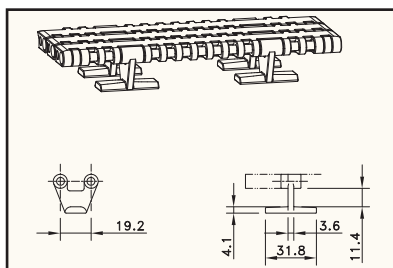
If you require flights, sideguards or tab guides, please describe the belt by choosing from the options listed in the 2nd column of the table:

Material	HP or WHT	
Belt type	8506	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 6"
Flights	F3 or F2 or F1 or H..	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 1 1/3" with 1/3" increments; in case of sideguards indents 1 1/2" or 2 1/4" only
Sideguards	SG2 or SG1	Standard height of 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 1/3"
Pitch between Tabs	D..P	Must correspond to an even number of rows

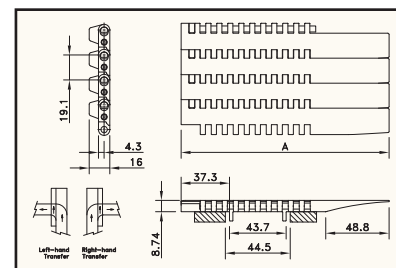
Example: WHT 8506 K7.50 SG2 N1 1/2 is a 8506 Perforated Top belt, made of white Polypropylene, width 7.5", 2" high sideguards at 1 1/2" from the sides. No flights, tab guides and DTS.




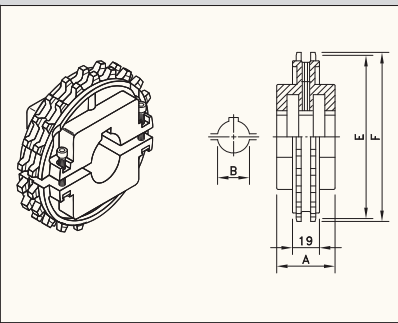

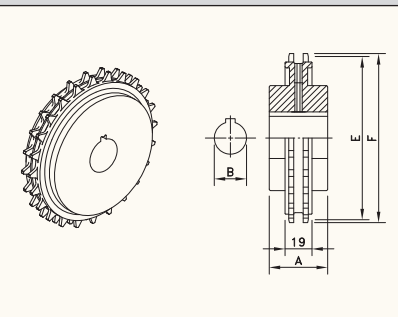
TAB GUIDE 8500-SERIES



DYNAMIC TRANSFER SYSTEM 8500-SERIES



8500-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	<div>MATERIAL</div> <div>pag. 214</div>	
			mm	mm	mm	mm		
SPLIT SPROCKETS								
ROUND BORES							 	
NS 8500 T17 R25	614-176-25	17	25	104.7	105.4	39		
NS 8500 T17 R30	614-176-30	17	30					
NS 8500 T17 R35	614-176-35	17	35					
NS 8500 T21 R25	614-239-1	21	25	129.0	130.0			
NS 8500 T21 R30	614-239-2	21	30					
NS 8500 T21 R35	614-239-3	21	35					
NS 8500 T21 R40	614-239-4	21	40	147.3	148.3			
NS 8500 T24 R25	614-188-25	24	25					
NS 8500 T24 R30	614-188-30	24	30					
NS 8500 T24 R35	614-188-35	24	35	153.4	154.7			
NS 8500 T25 R25	614-192-25	25	25					
NS 8500 T25 R30	614-192-30	25	30					
NS 8500 T25 R35	614-192-35	25	35					
SQUARE BORES							 	
NS 8500 T17 S25	614-177-1	17	25	104.7	105.4	39		
NS 8500 T17 S30	614-177-2	17	30					
NS 8500 T17 S35	614-177-3	17	35					
NS 8500 T21 S25	614-240-1	21	25	129.0	130.0			
NS 8500 T21 S40	614-240-2	21	40					
NS 8500 T21 S60	614-240-3	21	60					
NS 8500 T24 S25	614-189-1	24	25	147.3	148.3			
NS 8500 T24 S30	614-189-5	24	30					
NS 8500 T24 S35	614-189-4	24	35					
NS 8500 T25 S25	614-193-1	25	25	153.4	154.7			
NS 8500 T25 S30	614-193-6	25	30					
NS 8500 T25 S35	614-193-5	25	35					
CLASSIC SPROCKETS								
ROUND BORES							35	
KU 8500 T24 R30	114-3046-8	24	30	147.3	148.3			
KU 8500 T25 R50	114-3266-2	25	50	153.4	154.7			
SQUARE BORES							35	
KU 8500 T17 S40	114-3215-2	17	40	104.7	105.4			
KU 8500 T25 S40	114-3216-2	25	40	153.4	154.7			

5930-SERIES MATTOP CHAINS

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.

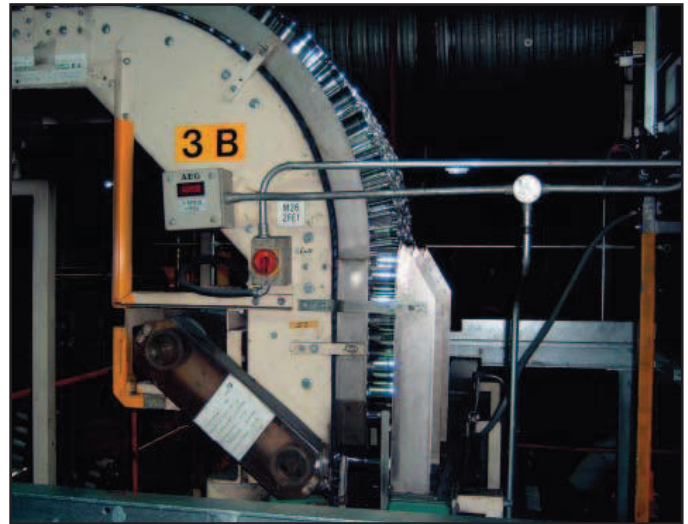
FEATURES

- 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 manufacturing lines

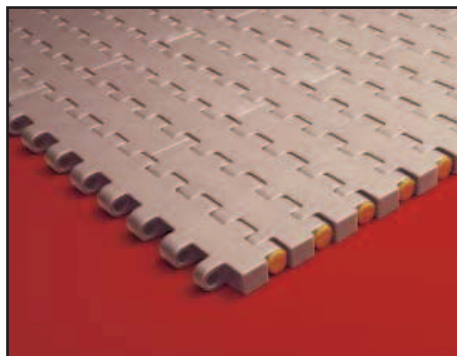


CAN WASHER DISCHARGE WITH 5936 BELT

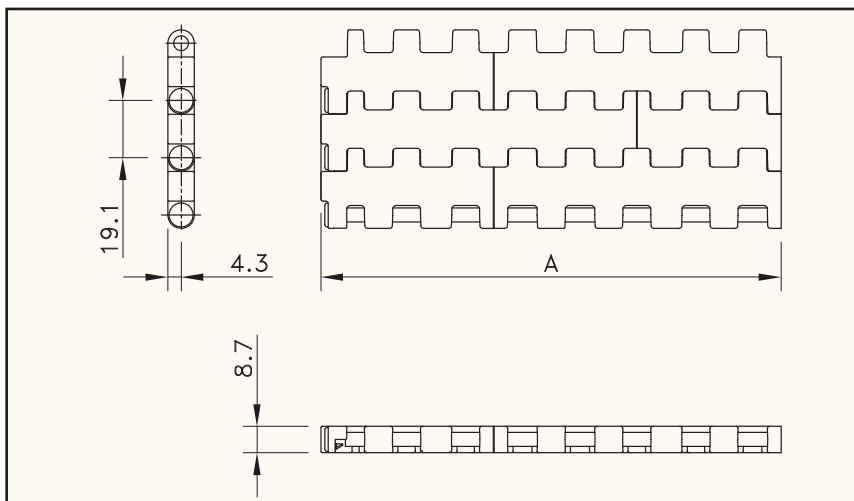


CAN PROCESSING ON 5935 VACUUM BELT

5930-SERIES

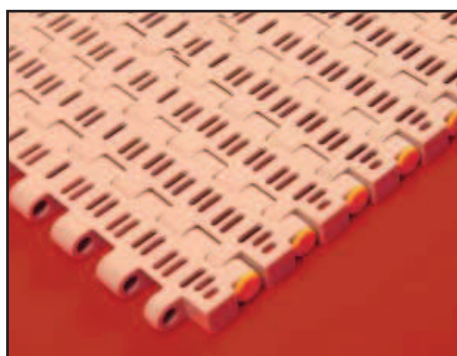


**SOLID TOP
5935**

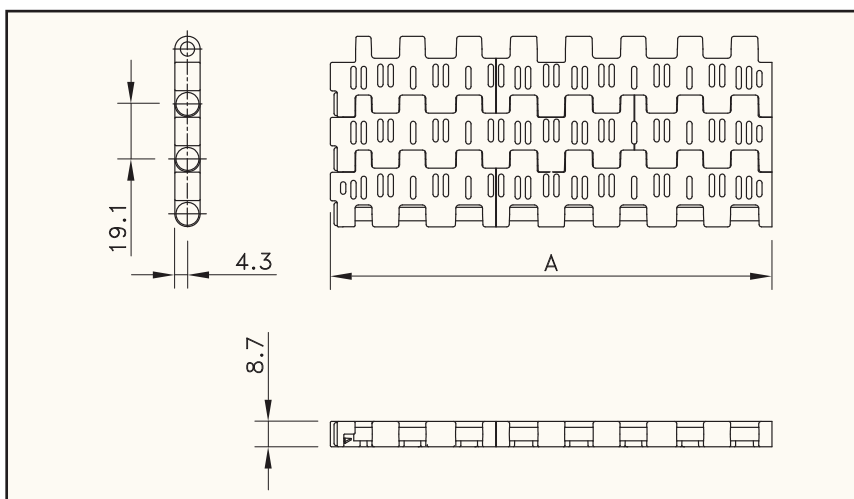


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 5935	I5935HTKxx	5 to 105	5 to 105	7000	4.92	25
LF-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	LF 5935	I5935LFKxx	-40 to +80	-40 to +65	13000	6.35	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.



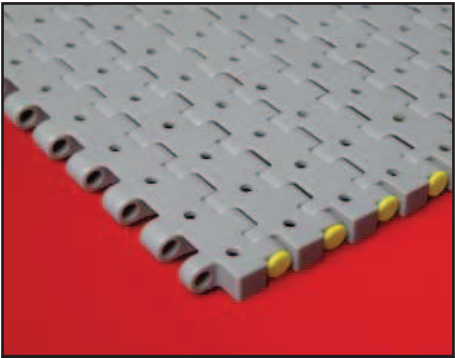
**PERFORATED TOP
5936**



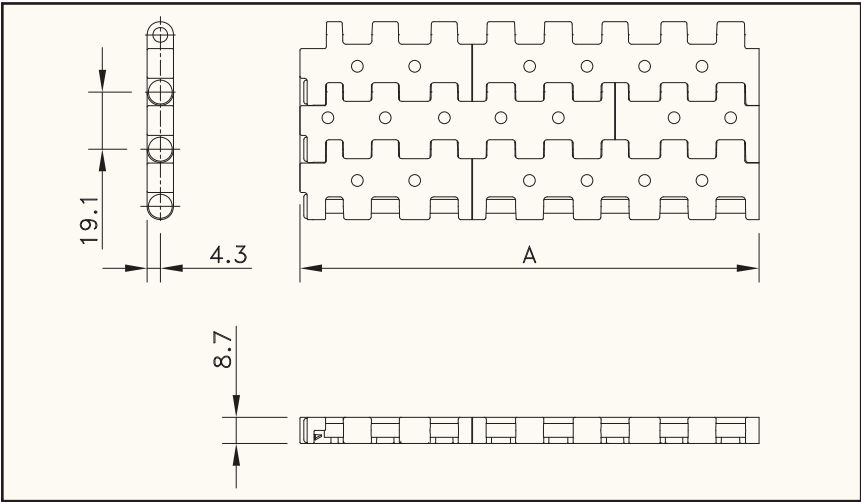
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	HT 5936	I5936HTKxx	5 to 105	5 to 105	7000	4.49	25
LF-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	LF 5936	I5936LFKxx	-40 to +80	-40 to +65	13000	5.90	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.

5930-SERIES



VACUUM TOP
5935





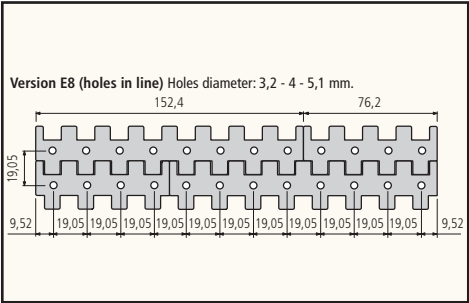
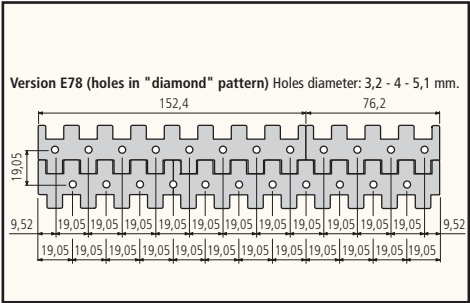
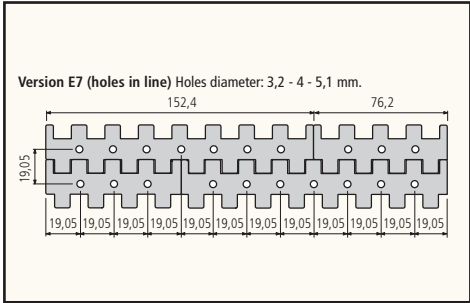
pag. 151

MATERIAL


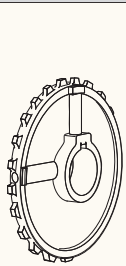
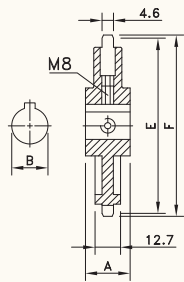

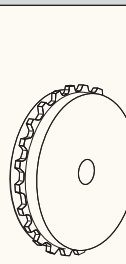
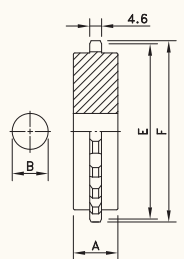

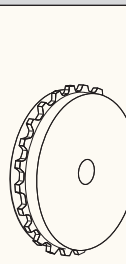
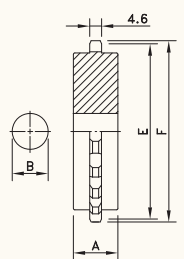
pag. 213

Assembly	Belt type	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
		dry	wet			
HT-POLYPROPYLENE WITH POLYPROPYLENE PINS						
STANDARD	HT 5935 VAC	5 to 105	5 to 105	7000	4.92	25
LF-ACETAL WITH POLYPROPYLENE PINS						
STANDARD	LF 5935 VAC	-40 to +80	-40 to +65	13000	6.35	25

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



5930-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>	
CLASSIC SPROCKETS INJECTION MOULDED								
ROUND BORES							  	
N 5936 T10 R25	114-811-8	10	25	62.2	63.5	25		
N 5936 T24 R25	114-699-8	24	25	147.3	149.2			
N 5936 T24 R30	114-699-9	24	30					
N 5936 T24 R35	114-699-10	24	35					
N 5936 T24 R40	114-700-11	24	40					
N 5936 T24 R50	114-700-13	24	50					
SQUARE BORES							  	
N 5936 T24 S40	114-696-11	24	40	147.3	149.2	25		
N 5936 T24 S50	114-697-13	24	50					
N 5936 T24 S65	114-698-16	24	65					
N 5936 T25 S40	114-692-11	25	40	153.4	156.2	25		
N 5936 T25 S50	114-692-13	25	50					
N 5936 T25 S65	114-692-16	25	65					
CLASSIC SPROCKETS MACHINED								
ROUND BORES							  	
KU 5936 T10 R20	I5936647701	10	20	63.2	63.5	25		
KU 5936 T24 R20	I5936644081	24	20	147.3	149.2			
KU 5936 T31 R20	I5936600402	31	20	190.1	193.3			

1000-SERIES MATTOP CHAINS

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 1050 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

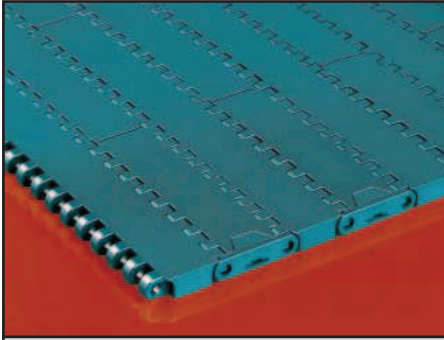


BOTTLES CONVEYOR WITH FT1000 XLG MATTOP CHAIN

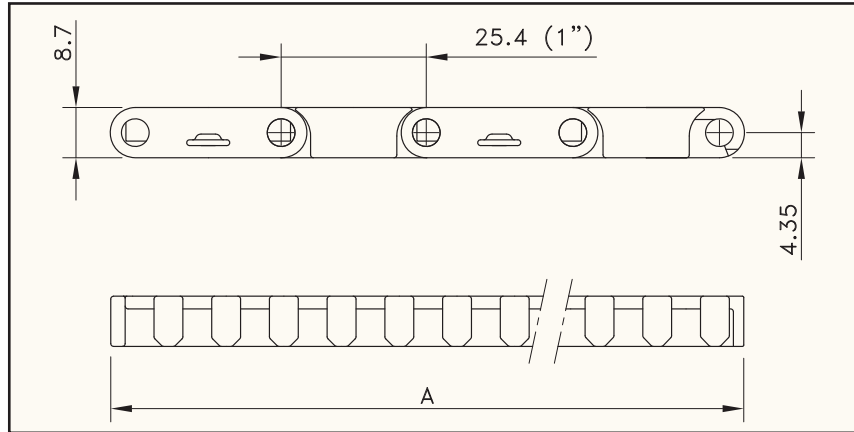


BOTTLES CONVEYOR WITH FTDP1000 XLG MATTOP CHAIN

1000-SERIES



**FLAT TOP
1000**

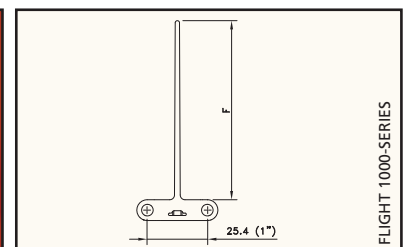
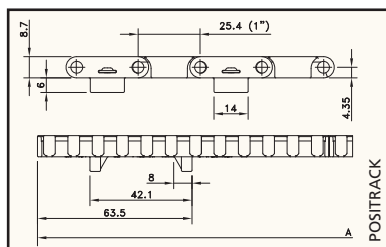
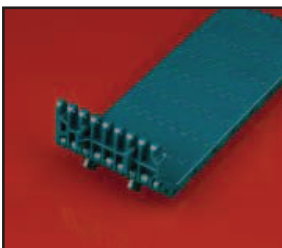


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
STANDARD	FT 1000 XLG	817.30.xx	4 to 80	4 to 65	22000	6.50	25
DOUBLE POSITRACK	FTDP 1000 XLG	873.27.xx					
POSITRACK 1 SIDE, FREEFLOW 1 SIDE	FFTP 1000 XLG	873.08.xx					
POSITRACK 2 SIDES, FREEFLOW 1 SIDE	FFTP 1000 XLG	873.07.xx					
DOUBLE POSITRACK 84	FTDP 1000 XLG 84	873.21.09	-30 to +80	up to 65			
PS-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
DOUBLE POSITRACK	FTDP 1000 PS	873.35.xx	4 to 80	4 to 65	22000	6.50	25
DOUBLE POSITRACK 84	FTDP 1000 PS 84	873.35.09	-30 to +80	up to 65			
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					
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FT 1000 AS	814.30.xx	4 to 80	–	13000	6.11	25
DOUBLE POSITRACK	FTDP 1000 AS	873.32.xx					
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1000 FT	812.60.xx	-70 to +35	-70 to +35	5000	4.60	25
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1000 FT	812.80.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					

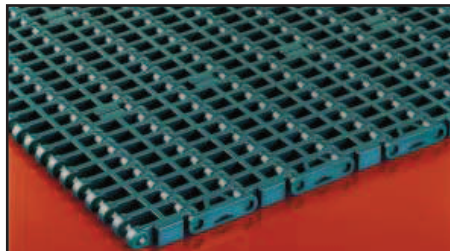
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on with 85 mm increments, or optionally 5 mm, up to 6120 mm; see also page 211.
If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

Material	WLT or BLT or WHT or 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 or H..	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

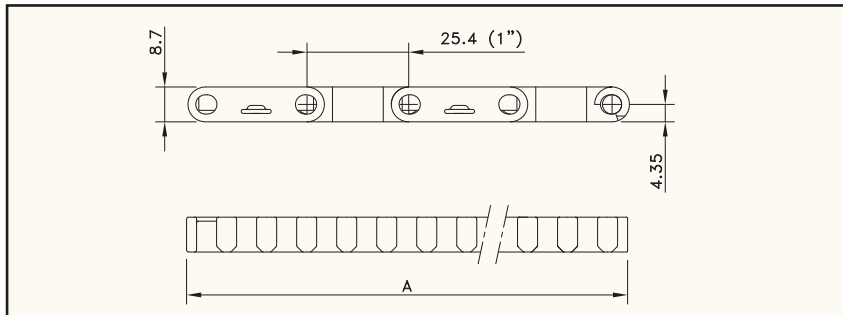
Example: WSM 1000 FTDP KM-430 H50 T6P N45 is a 1000 Flat Top belt with Double Positrack, made of white acetal, special width 430 mm, special 50 mm high flights on every 6th row at 45 mm from the sides



1000-SERIES



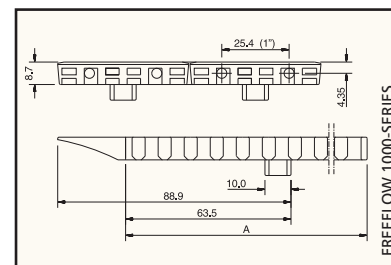
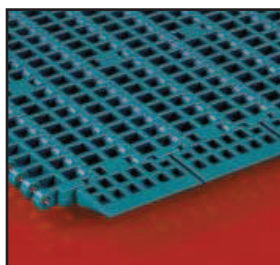
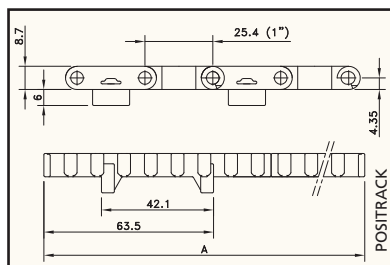
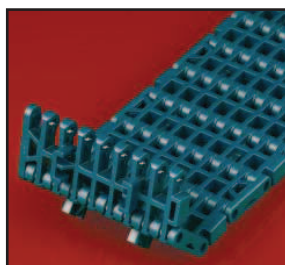
FLUSH GRID 1000



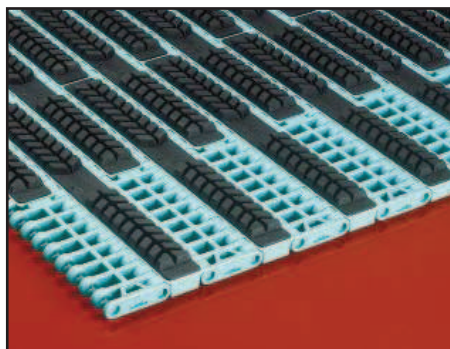
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
STANDARD	FG 1000 XLG	817.40.xx	4 to 80	4 to 65	22000	5.40	25
DOUBLE POSITRACK	FGDP 1000 XLG	874.43.xx					
POSITRACK 1 SIDE, FREEFLOW 1 SIDE	FFGP 1000 XLG	874.08.xx					
POSITRACK 2 SIDES, FREEFLOW 1 SIDE	FFGP 1000 XLG	874.07.xx					
DOUBLE POSITRACK 84	FGDP 1000 XLG 84	874.30.09	-30 to +80	up to 65			
PS-ACETAL WITH POLYPROPYLENE PINS (84 HAS PBT PINS)							
DOUBLE POSITRACK	FGDP 1000 PS	874.57.xx	4 to 80	4 to 65	22000	5.40	25
DOUBLE POSITRACK 84	FGDP 1000 PS 84	874.57.09	-30 to +80				
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					
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	FG 1000 AS	814.40.xx	4 to 80	–	13000	5.08	25
DOUBLE POSITRACK	FGDP 1000 AS	874.48.xx					
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1000 FG	812.70.xx	-70 to +35	-70 to +35	5000	3.70	25
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1000 FG	812.90.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; see also page 211.
If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

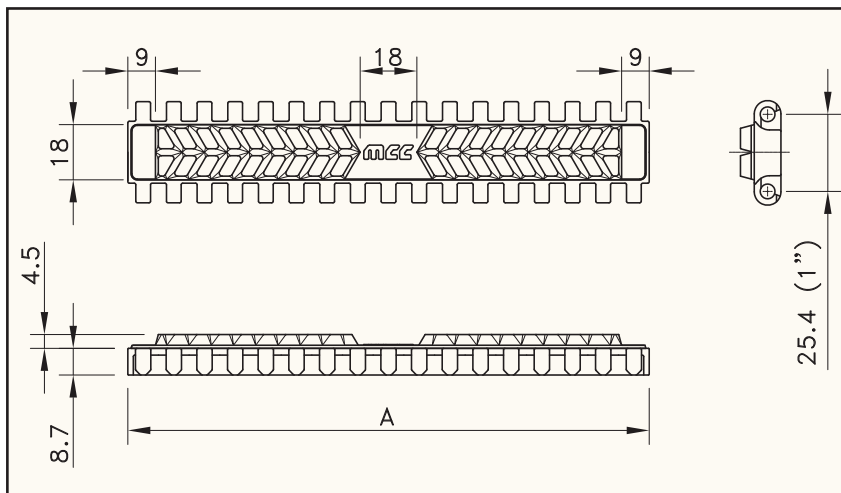
Material	WLT or BLT or WHT or BHT or WSM or SMB	
Belt type	1000 FG or 1000 FGDP	
Width (A)	KM-.. (in mm)	(Double) Positrack not possible for WLT, BLT, WHT, BHT and SMB
Flights	F3 or F2 or F1 or H..	Belts with flights have a minimal width of 130 mm with 10 mm increments
Pitch between flights	T..P	Standard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



1000-SERIES



**SUPERGRIP
1000**



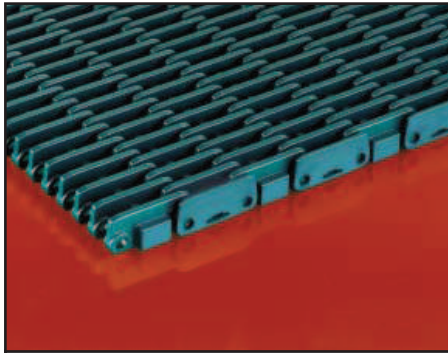
Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			A	dry	wet			
			mm					
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS								
STANDARD	SG 1000 XP 170	875.00.11	170	4 to 65	4 to 65	11000	5.00	30
	SG 1000 XP 255	875.00.12	255				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 POLYPROPYLENE 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.

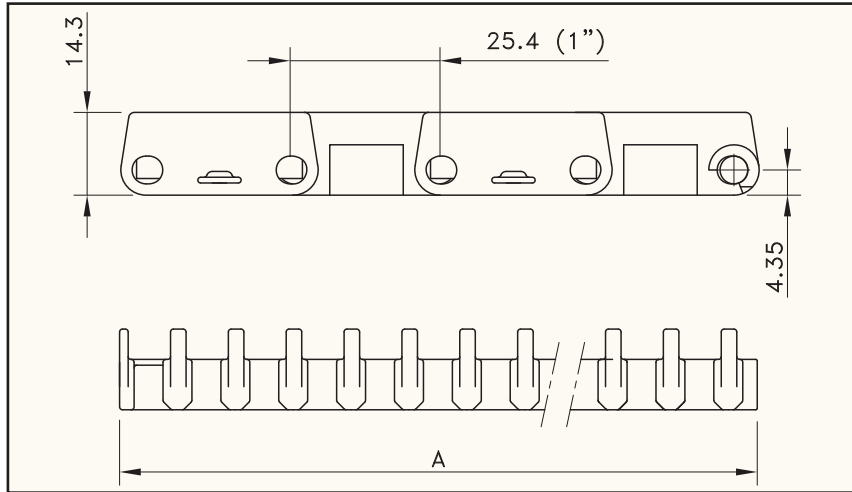
Standard 100% rubber; other percentages can be supplied upon request.

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

1000-SERIES

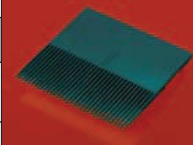
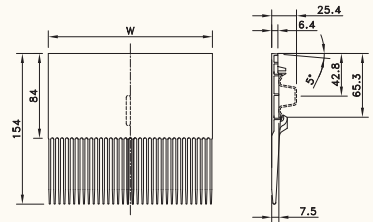



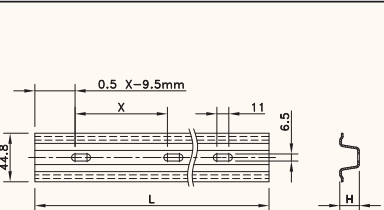
**RAISED RIB
1000**



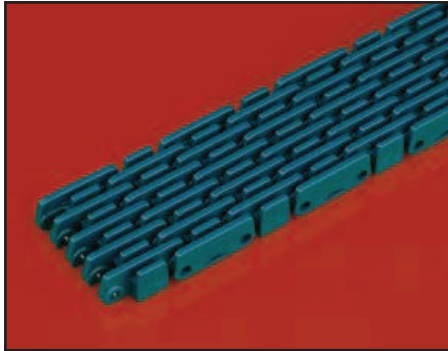
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	RR 1000 XLG	817.10.xx	4 to 80	4 to 65	22000	7.95	50
AS-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	RR 1000 AS	814.10.xx	4 to 80	–	13000	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 211. Special widths begin at 85 mm with 5 mm increments.

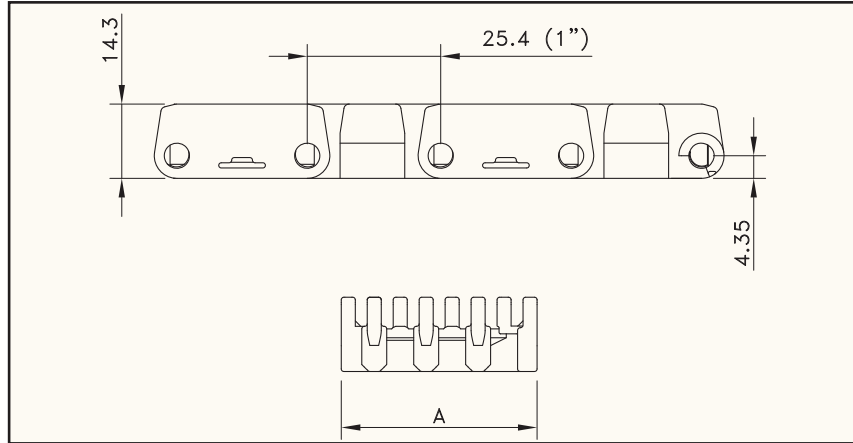
Type	Code nr.	Weight kg	Width W mm	Length mm	
FINGERPLATES RAISED RIB					
XLG-ACETAL					
1000 XLG 154 x 170	817.12.05	0.14	168	154	
1000 XLG 154 x 85	817.12.04	0.07	83		
AS-ACETAL					
1000 AS 154 x 170	814.12.05	0.13	168	154	
1000 AS 154 x 85	814.12.04	0.06	83		

Code nr.	Number of pitches	Length L	For belt width mm	Weight kg	Height H mm	Pitch X				
		mm				mm	inch			
PROFILES FOR FINGERPLATES										
STAINLESS STEEL					18	85.0	3.35			
801.55.10	7	672	0 < W ≤ 595	0.54						
801.55.11	13	1182	595 < W ≤ 1105	0.95						
801.55.13	19	1692	1105 < W ≤ 1615	1.35						
801.55.14	25	2202	1615 < W ≤ 2125	1.76						
801.55.16	31	2712	2125 < W ≤ 2635	2.17						
801.55.19	43	3732	2635 < W ≤ 3655	2.99						
801.55.22	55	4752	3655 < W ≤ 4675	3.80						
801.55.01	70	6027	4675 < W ≤ 5950	4.82						

1000-SERIES



**RAISED RIB 1000
NARROW**



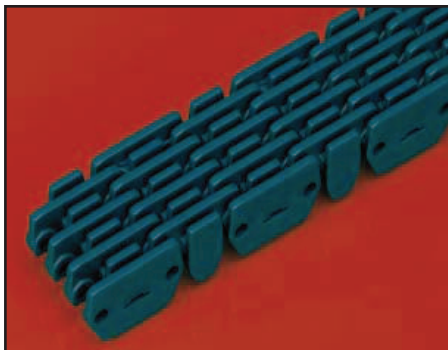
pag. 158,159

MATERIAL

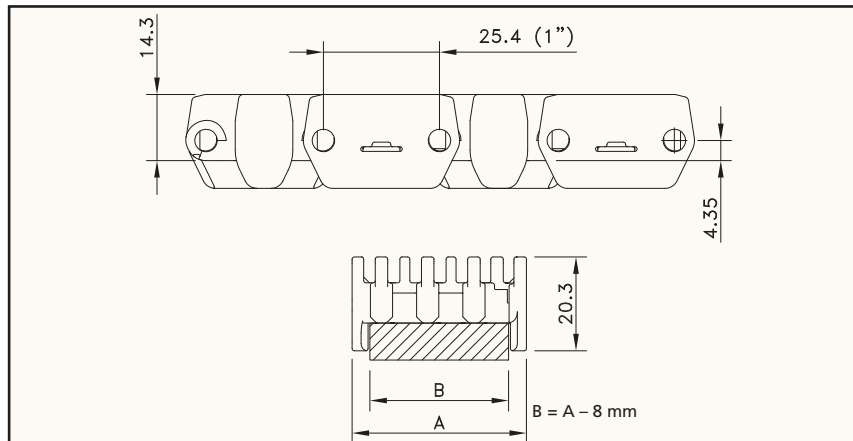
pag. 213

Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.) N (21°C)	Weight kg/m	Backflex radius (min.) mm
			A					
			mm	dry	wet			
XLG-ACETAL WITH PBT PINS								
STANDARD	RR 1000-28 XLG	871.01.03	28	-30 to +80	up to 65	400	0.35	50
	RR 1000-38 XLG	871.01.00	38	-30 to +80	up to 65	400	0.39	
	RR 1000-48 XLG	871.01.01	48	-30 to +80	up to 65	600	0.48	
	RR 1000-58 XLG	871.01.02	58	-30 to +80	up to 65	800	0.59	

Standard length: 6.096 m - 20 feet.



**RAISED RIB 1000
RAILTRACK NARROW**



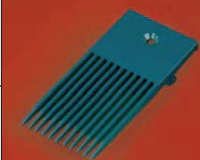
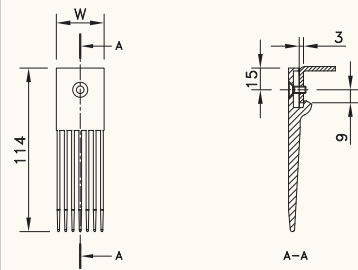
pag. 158,159

MATERIAL

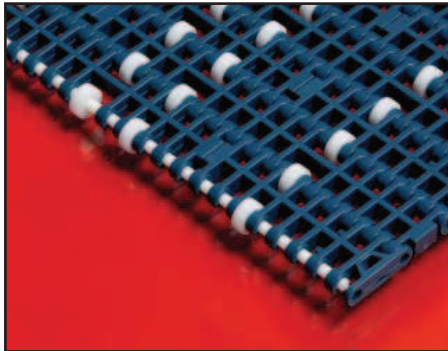
pag. 213

Assembly	Belt type	Code nr.	Width	Temperature range °C		Working load (max.) N (21°C)	Weight kg/m	Backflex radius (min.) mm
			A					
			mm	dry	wet			
XLG-ACETAL WITH PBT PINS								
STANDARD	RRR 1000-28 XLG	871.00.03	28	-30 to +80	up to 65	200	0.33	50
	RRR 1000-38 XLG	871.00.00	38	-30 to +80	up to 65	400	0.43	
	RRR 1000-48 XLG	871.00.01	48	-30 to +80	up to 65	600	0.53	
	RRR 1000-58 XLG	871.00.02	58	-30 to +80	up to 65	800	0.62	

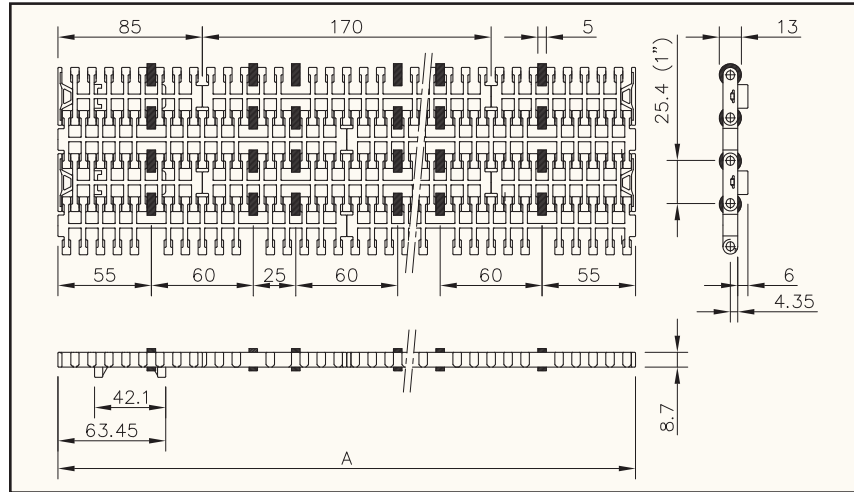
Standard length: 6.096 m - 20 feet.

Type	Code nr.	Weight kg	Width W mm	Length mm			
FINGERPLATES RAISED RIB NARROW							
XLG-ACETAL					114		
1000 XLG 114 x 23	817.12.13	0.01	23				
1000 XLG 114 x 33	817.12.10	0.02	33				
1000 XLG 114 x 43	817.12.11	0.02	43				
1000 XLG 114 x 53	817.12.12	0.03	53				

1000-SERIES


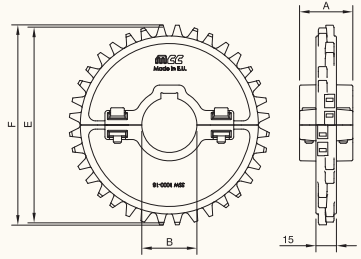


**LBP
1000**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLG-ACETAL WITH PBT PINS							
DOUBLE POSITRACK	LBPDP 1000 XLG	874.47.xx	4 to 80	4 to 65	19400	5.40	25

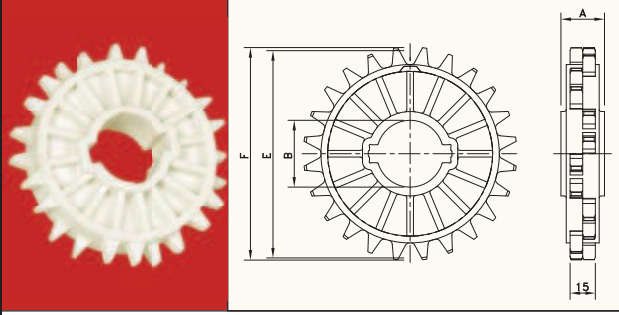
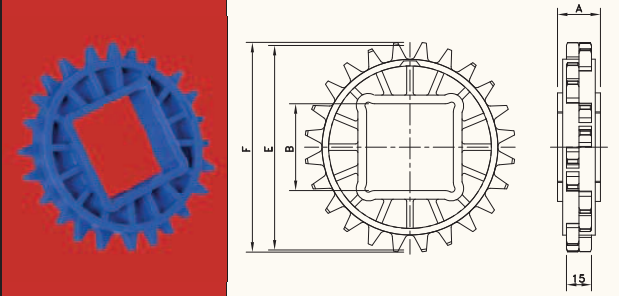
* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm; see also page 211.

Sprocket type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	MATERIAL pag. 214
			mm/inch	mm	mm	mm	
SPLIT SPROCKETS WIDE HUB							
ROUND BORES							 
SSW 1000 16-30	899.06.17	16	30 mm	130.2	130.6	39	
SSW 1000 16-35	899.06.10	16	35 mm				
SSW 1000 16-40	899.06.11	16	40 mm				
SSW 1000 18-30	899.08.17	18	30 mm	146.3	146.8		
SSW 1000 18-35	899.08.10	18	35 mm				
SSW 1000 18-40	899.08.11	18	40 mm				
SSW 1000 20-30	899.09.17	20	30 mm	162.4	163.1		
SSW 1000 20-35	899.09.10	20	35 mm				
SSW 1000 20-40	899.09.11	20	40 mm				
SSW 1000 16-1½	899.06.31	16	1.5"	130.2	130.6		
SSW 1000 18-1½	899.08.31	18	1.5"	146.3	146.8		
SSW 1000 20-1½	899.09.31	20	1.5"	162.4	163.1		
SQUARE BORES							39
SSW 1000 16-40x40	899.06.21	16	40 mm	130.2	130.6		
SSW 1000 18-40x40	899.08.21	18	40 mm	146.3	146.8		
SSW 1000 20-40x40	899.09.21	20	40 mm	162.4	163.1		
SSW 1000 16-1½x1½	899.06.41	16	1.5"	130.2	130.6		
SSW 1000 18-1½x1½	899.08.41	18	1.5"	146.3	146.8		
SSW 1000 20-1½x1½	899.09.41	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.

1000-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	MATERIAL pag. 214	
CLASSIC SPROCKETS								
ROUND BORES								
CS 1000 12-30	895.02.17	12	30 mm	98.1	96.5	20		
CS 1000 12-40	895.02.11	12	40 mm					
CS 1000 12-50	895.02.12	12	50 mm					
CS 1000 18-30	895.08.17	18	30 mm	146.3	145.9			
CS 1000 18-35	895.08.10	18	35 mm					
CS 1000 18-40	895.08.11	18	40 mm					
CS 1000 18-45	895.08.15	18	45 mm					
CS 1000 18-50	895.08.12	18	50 mm	30				
CS 1000 18-65	895.08.13	18	65 mm					
CS 1000 20-35	895.09.10	20	35 mm	162.4	161.7	20		
CS 1000 20-40	895.09.11	20	40 mm					
CS 1000 20-50	895.09.12	20	50 mm					
CS 1000 12-1	895.02.46	12	1.0"	98.1	96.5			
CS 1000 18-1	895.08.46	18	1.0"	146.3	145.9			
CS 1000 18-1½	895.08.41	18	1.5"					
CS 1000 18-2	895.08.42	18	2.0"					
CS 1000 20-1	895.09.46	20	1.0"	162.4	161.7			
CS 1000 20-1½	895.09.41	20	1.5"					
SQUARE BORES								
CS 1000 18-40x40	895.08.21	18	40 mm	146.3	145.9	20		
CS 1000 18-60x60	895.08.28	18	60 mm			30		
CS 1000 18-65x65	895.08.23	18	65 mm					
CS 1000 20-40x40	895.09.21	20	40 mm	162.4	161.7	20		
CS 1000 20-60x60	895.09.28	20	60 mm			30		
CS 1000 20-65x65	895.09.23	20	65 mm					
CS 1000 12-1½x1½	895.02.51	12	1.5"	98.1	96.5	20		
CS 1000 18-1½x1½	895.08.51	18	1.5"	146.3	145.9			
CS 1000 20-1½x1½	895.09.51	20	1.5"	162.4	161.7			
CLASSIC SPROCKETS FOR HUMID, HOT APPLICATIONS LIKE PASTEURIZING								
SQUARE BORES								
CS 1000 12-40x40 POM	893.02.21	12	40 mm	98.1	96.5	20		
CS 1000 18-40x40 POM	893.08.21	18	40 mm	146.3	145.9	20		
CS 1000 18-60x60 POM	893.08.28	18	60 mm			30		
CS 1000 20-40x40 POM	893.09.21	20	40 mm	162.4	161.7	20		
CS 1000 20-60x60 POM	893.09.28	20	60 mm			30		

1005-SERIES MATTOP CHAINS

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 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 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



TRAY CONVEYOR WITH 1005 SUPERGRIP BELT

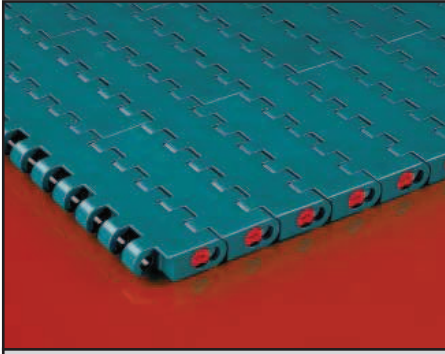


GLASS BOTTLE MANUFACTURING ON 1005 FLAT TOP BELT

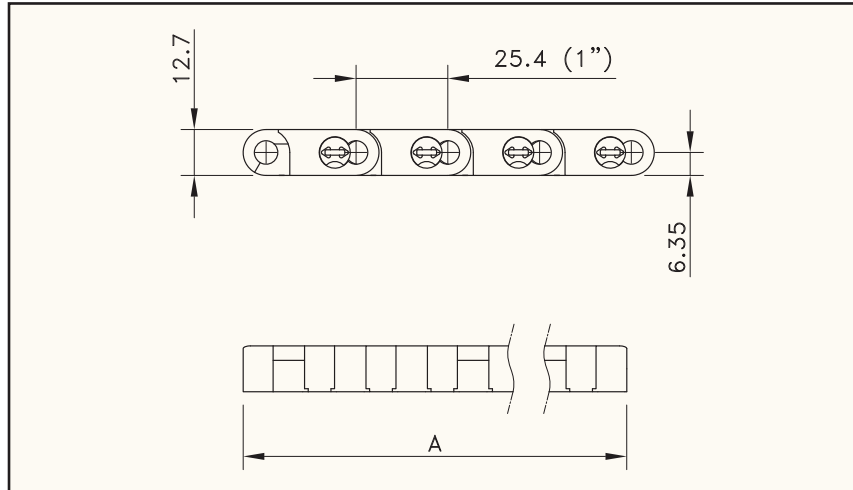


BOXES PROCESSED ON 1005 LBP BELT

1005-SERIES

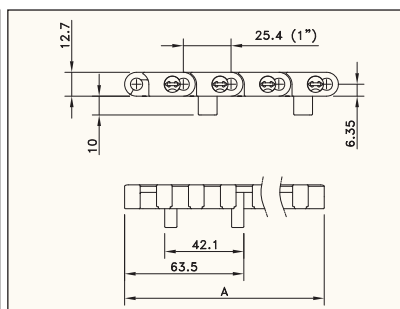
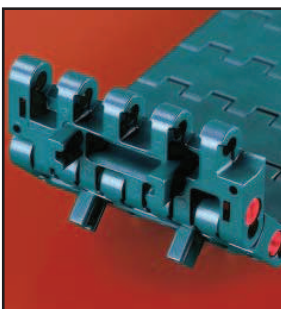


**FLAT TOP
1005**

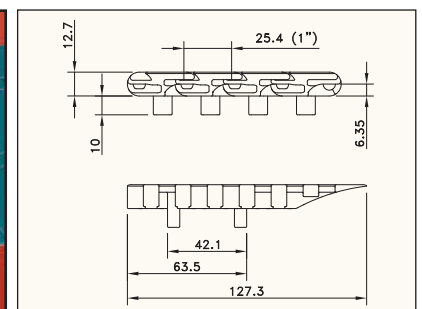
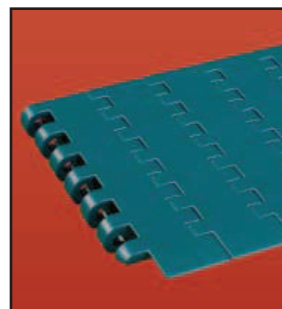


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
XLG-ACETAL WITH PBT PINS							
STANDARD	FT 1005 XLG	877.00.xx	-40 to +80	up to 65	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 XLG	877.01.xx					
DOUBLE POSITRACK, FREEFLOW	FFTD 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					
PS-ACETAL WITH PBT PINS							
STANDARD	FT 1005 PS	877.16.xx	-40 to +80	up to 65	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 PS	877.13.xx					
WX-POLYAMIDE COMPOSITE WITH PBT PINS							
STANDARD	FT 1005 WX	877.14.xx	-40 to +80	not recommended	35000	13.50	25
DOUBLE POSITRACK	FTDP 1005 WX	877.15.xx					
MOULD TO WIDTH (MTW)	FT 1005 WX K450 MTW	877.14.00					
MTW DOUBLE POSITRACK	FTDP 1005 WX 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 211 for all code numbers.

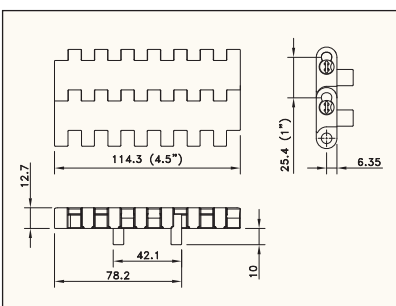


FLAT TOP 1005 HEAVY DUTY BELT WITH POSITRACK



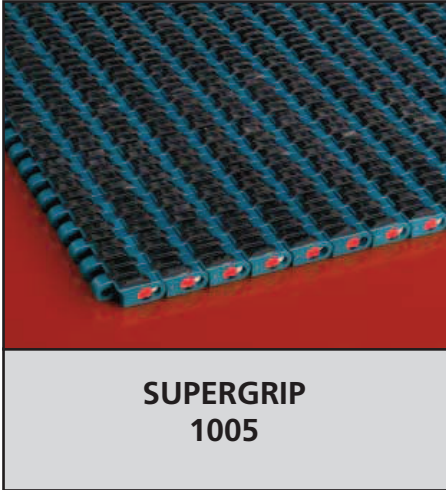
FLAT TOP 1005 HEAVY DUTY BELT WITH INTEGRATED FREEFLOW

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

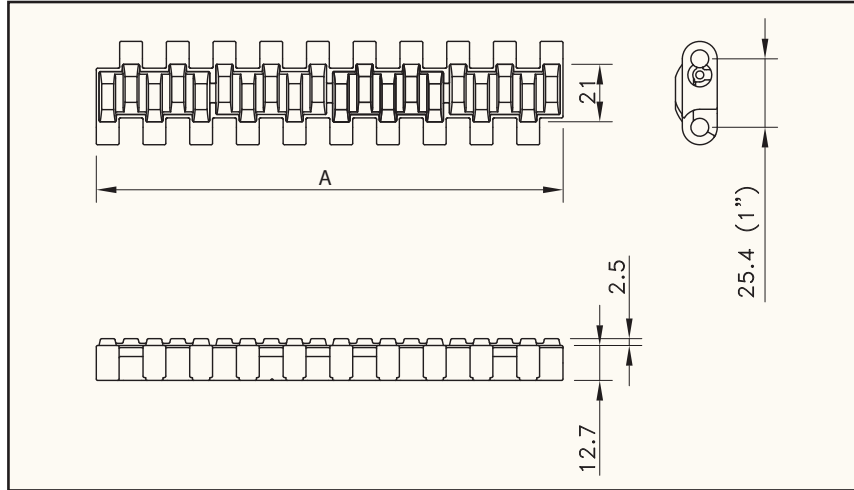


1005 BELT MOULD TO WIDTH WITH DOUBLE POSITRACK

1005-SERIES



**SUPERGRIP
1005**



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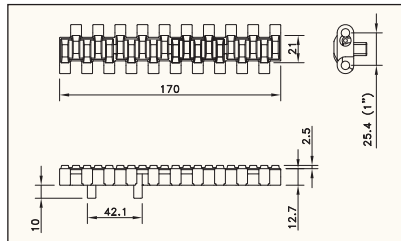
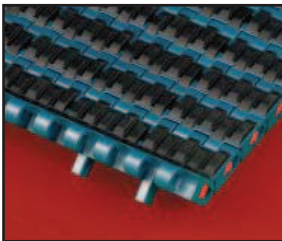


MATERIAL

pag. 213

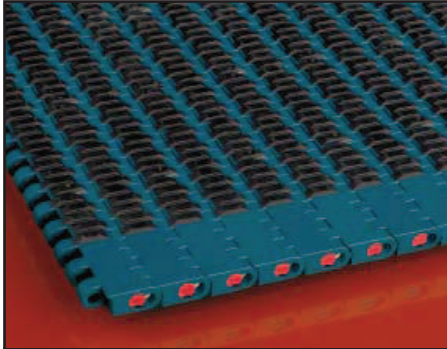
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XLG-ACETAL WITH PBT PINS							
STANDARD	SG 1005 XLG	877.50.xx	-40 to +65	up to +65	35000	14.00	25
DOUBLE POSITRACK	SGDP 1005 XLG	877.51.xx					
XP-POLYPROPYLENE WITH PBT PINS							
STANDARD	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 211. 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.

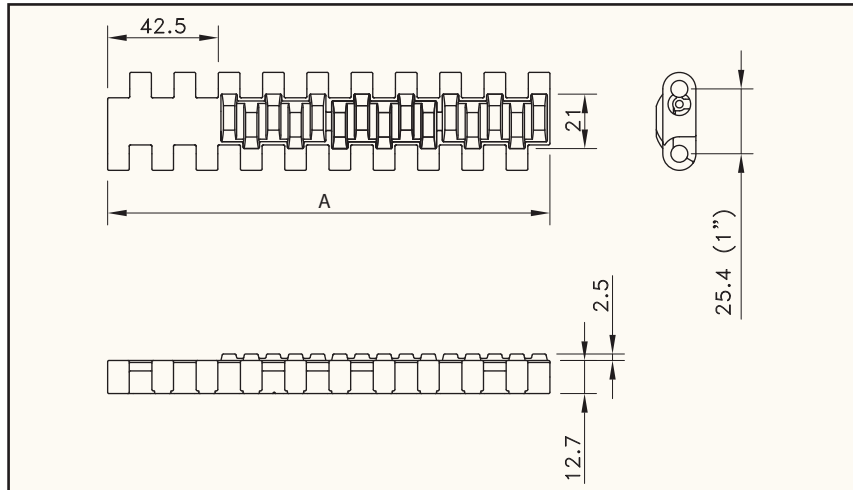


1005 SUPERGRIP BELT WITH DOUBLE POSITRACK ON ONE SIDE OF THE BELT

1005-SERIES



**SUPERGRIP
SIDE-INDENT
1005**

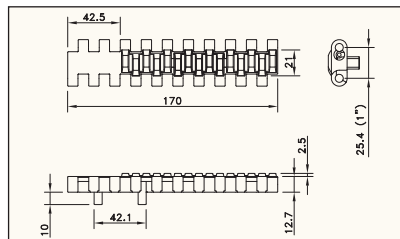
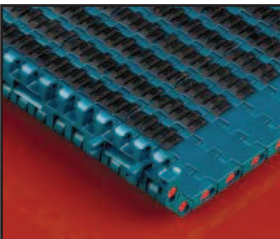


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
XLG-ACETAL WITH PBT PINS							
STANDARD	SGS 1005 XLG	877.52.xx	-40 to +65	up to 65	35000	14.00	25
DOUBLE POSITRACK	SGSDP 1005 XLG	877.53.xx					
XP-POLYPROPYLENE WITH PBT 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 211. 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.

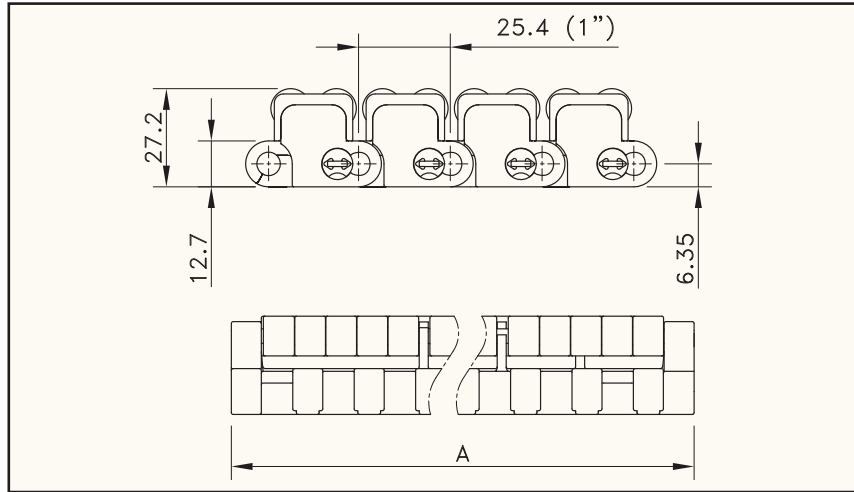


1005 SUPERGRIP SIDE-INDENT BELT WITH DOUBLE POSITRACK

1005-SERIES

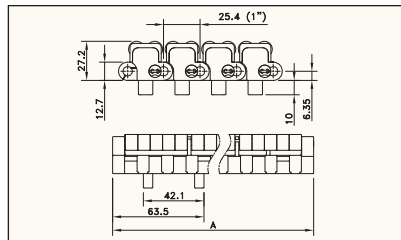


**LBP
1005**



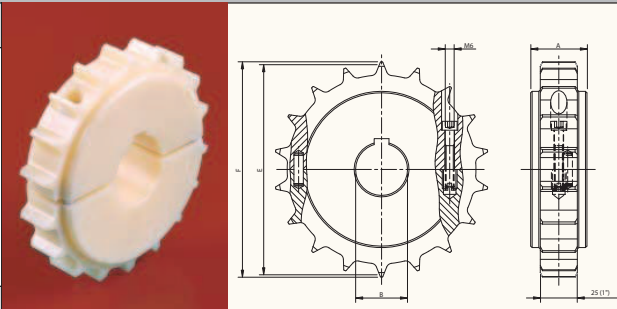
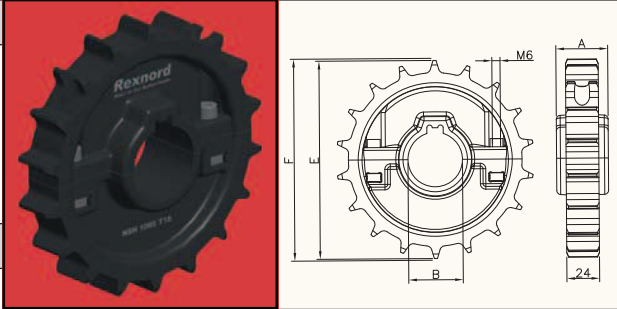
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XLA-ACETAL WITH PBT PINS							
STANDARD	LBP 1005SR XLA	877.17.xx	-40 to +80	1 to 65	35000	30	120
DOUBLE POSITRACK	LBPDP 1005SR XLA	877.18.xx					

* 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 211 for all code numbers.



1005 HEAVY DUTY LBP BELT WITH DOUBLE POSITRACK ON ONE SIDE OF THE BELT

1005-SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width	MATERIAL
			B mm/inch	E mm	F mm	A mm	
SPLIT SPROCKETS AND IDLERS MACHINED							
SPROCKETS WITH ROUND BORES							
SS 1005 18-30	894.30.67	18	30 mm	146.3	145.3	38	
SS 1005 18-40	894.30.61	18	40 mm				
SS 1005 21-30	894.33.67	21	30 mm	170.4	169.7		
SS 1005 21-40	894.33.61	21	40 mm				
SS 1005 18-1	894.30.86	18	1.0"	146.3	145.3		
SS 1005 18-1½	894.30.81	18	1.5"				
SS 1005 21-1	894.33.86	21	1.0"	170.4	169.7		
SS 1005 21-1½	894.33.81	21	1.5"				
IDLERS							
SI 1005 18-30	894.30.77	18	30 mm	146.3	145.3	38	<p>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.</p> <p>Square sprockets can be used on the drive- and on the idler shaft. They 'float' freely on the shaft.</p>
SI 1005 18-40	894.30.71	18	40 mm				
SI 1005 21-30	894.33.77	21	30 mm	170.4	169.7		
SI 1005 21-40	894.33.71	21	40 mm				
SI 1005 18-1	894.30.96	18	1.0"	146.3	145.3		
SI 1005 18-1½	894.30.91	18	1.5"				
SI 1005 21-1	894.33.96	21	1.0"	170.4	169.7		
SI 1005 21-1½	894.33.91	21	1.5"				
SPROCKETS WITH SQUARE BORES							
SS 1005 18-40x40	894.30.21	18	40 mm	146.3	145.3	38	
SS 1005 21-40x40	894.33.21	21	40 mm	170.4	169.7		
SS 1005 18-1½x1½	894.30.51	18	1.5"	146.3	145.3		
SS 1005 21-1½x1½	894.33.51	21	1.5"	170.4	169.7		
SPLIT SPROCKETS AND IDLERS MOULDED							
SPROCKETS							
NSH 1005 13-40	899.20.61	13	40 mm	106,1	104,2	38	
NSH 1005 14-40	899.24.61	14	40 mm	114,1	112,5		
NSH 1005 15-40	899.21.61	15	40 mm	122,1	120,7		
NSH 1005 16-40	899.25.61	16	40 mm	130,2	128,9		
NSH 1005 18-40	899.22.61	18	40 mm	146,3	145,3		
NSH 1005 21-40	899.23.61	21	40 mm	170,4	169,7		
IDLERS							
NSH 1005 13-40	899.20.71	13	40 mm	106,1	104,2	38	
NSH 1005 14-40	899.24.71	14	40 mm	114,1	112,5		
NSH 1005 15-40	899.21.71	15	40 mm	122,1	120,7		
NSH 1005 16-40	899.25.71	16	40 mm	130,2	128,9		
NSH 1005 18-40	899.22.71	18	40 mm	146,3	145,3		
NSH 1005 21-40	899.23.71	21	40 mm	170,4	169,7		

1010-SERIES MATTOP CHAINS

The 1010-series 1-inch pitch belt is designed to meet the increasing demand from food processing industry for improved hygiene and better cleanable products. It is meant for light to medium duty applications, where cleanability and hygiene have got the highest importance. It can handle meat, poultry, seafood, fruits and salads after being cut or processed otherwise.

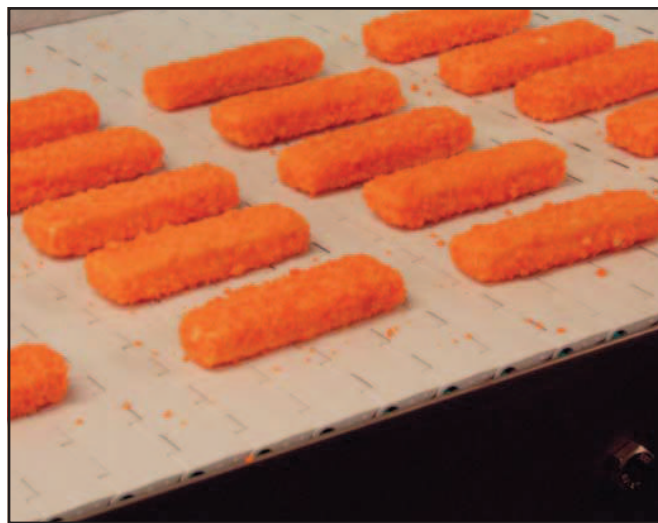
FEATURES

- When turning over a small roller the hinges open, exposing a large pin surface, offering excellent cleaning possibilities. The hinge design is extremely open and accessible, so a large surface of the pin and the inside of the hinge can be cleaned directly. The bottom of the module is curved, improving drainage and reducing drying time of the belt after cleaning.
- Using a moulded pin with T-shaped head keeps the pin in a specially designed eccentric outer hinge eye. This makes the belt easy to operate for maintenance and cleaning.
- The belt is supplied mould-to-width up to 24 inch, avoiding adjacent surfaces between the modules. The hinges are ½ inch wide, reducing the number of adjacent surfaces in-between.
- Fully closed machined sprockets, ideal for cleaning. Due to the double teeth rows the sprockets are bi-directional and easy to position.

PROGRAMME	
1015 Solid Top	Closed surface; it offers the best support to vulnerable products and prevents loss of small products
Belt accessories	Flights to handle bulk food stuff on inclined and declined conveyors. They are ribbed on both sides, improving the release properties against sticky or frozen products. The flights can be positioned until the side of the belt or with a 1-inch side-indent on any pitch required. Other side-indents on request.

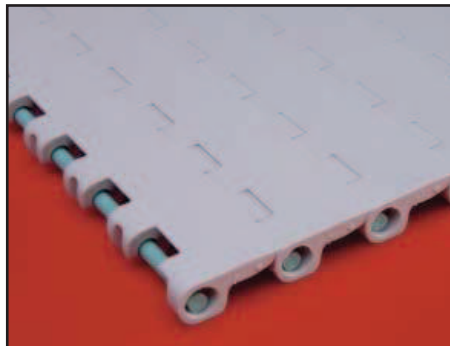


PORK MEAT ON AFTER TRIMMING ON 1015 BELT

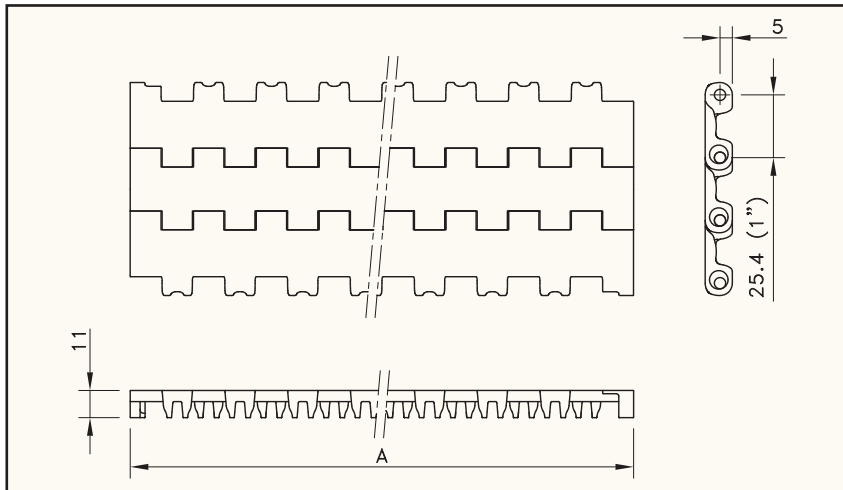


FISH FINGER PROCESSING ON 1015 BELT

1010-SERIES



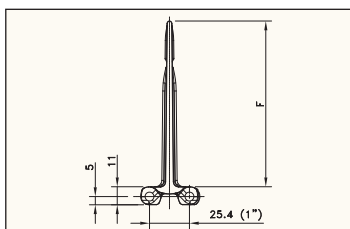
**SOLID TOP
1015**



MATERIAL
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Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 1015	846.22.xx	-70 to +35	-70 to +35	5000	4.80	40
BLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	BLT 1015	846.22.xx	-70 to +35	-70 to +35	5000	4.80	40
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 1015	849.22.xx	4 to 104	4 to 104	6000	4.40	40
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 1015	849.22.xx	4 to 104	4 to 104	6000	4.40	40
WSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 1015	844.22.xx	-40 to +80	-40 to +65	12000	7.00	40
SMB-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	SMB 1015	844.22.xx	-40 to +80	-40 to +65	12000	7.00	40

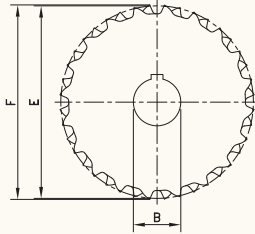

* In code numbers xx corresponds with the belt width (A), for white belts (WLT, WHT, WSM) starting with 00 for 4", 01 for 5", for Blue belts (BLT, BHT, SMB) starting with 50 for 4", 51 for 5" and so on in steps of 1", up to 44". Optionally ½" increments are possible up to 24". See also page 211.



If you need flights, describe the belt by choosing 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	1015	
Width (A)	K.. (in inches)	Belts with flights have minimal width of 6"
Flights	RF3 or RF4 or RH..	Ribbed 3 to 4" high flight or special height in mm
Pitch between flights	T..P	Flight on every ..th row
Flight side-indent	N0 or N1 or N..	Standard 0 or 1"; non-standard increments of ½", starting with 1½"

FLIGHT FOR 1010-SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width		
			B mm	E mm	F mm	A mm		
CLASSIC SPROCKETS								
ROUND BORES								
KU 1010 T10 R40	897.10.33	10	40	82.2	82.7	25		
KU 1010 T12 R40	897.10.42	12	40	98.1	98.9			
KU 1010 T16 R40	897.10.71	16	40	130.2	131.5			
KU 1010 T18 R40	897.10.86	18	40	146.3	147.8			
KU 1010 T20 R40	897.11.01	20	40	162.4	164.0			
SQUARE BORES								
KU 1010 T10 S40	897.10.35	10	40	82.2	82.7	25		
KU 1010 T12 S40	897.10.44	12	40	98.1	98.9			
KU 1010 T16 S40	897.10.73	16	40	130.2	131.5			
KU 1010 T18 S40	897.10.88	18	40	146.3	147.8			
KU 1010 T20 S40	897.11.03	20	40	162.4	164.0			

MATERIAL
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1800-SERIES MATTOP CHAINS

The 1800-series 1-inch pitch MatTop chain is designed for industrial product handling. The chain provides high stiffness and working load and therefore can handle high loads. The 1-inch pitch allow for small transfers between conveyors. The 1800-series chain is available in closed SolidTop execution proving excellent support to the conveyed product. The chamfered sides of the chain make it easy to move product sideways. This enables the chain to handle stags of corrugated board and paper as well as other critical products.

FEATURES

- SolidTop execution providing maximum product support.
- 1805 Flat Bottom and 1825 Scalloped Bottom execution to tailor and optimize inline transfers between conveyors.
- 1805-K3 MTW execution robust narrow chain for transfer conveyors.
- Integrated clip pin retention system and single module system enable easy and quick chain maintenance.
- Reinforced modules sides to resist local high loading.
- Hinge and pin design create high strength and stiffness resulting in smooth chain operation.
- Robust sprocket and sprocket pocket design for optimum drive capabilities.
- Chain can be tailored to the application using either Polyester (PBT) pins (standard) or Polypropylene pins (on request).

PROGRAMME	
1805-K3 MTW	Solid Top execution. 3-inch wide with high strength and double sprocket position
1805	SolidTop execution with Flat Bottom and chamfered module sides
1825	SolidTop execution with Scalloped Bottom and chamfered module sides

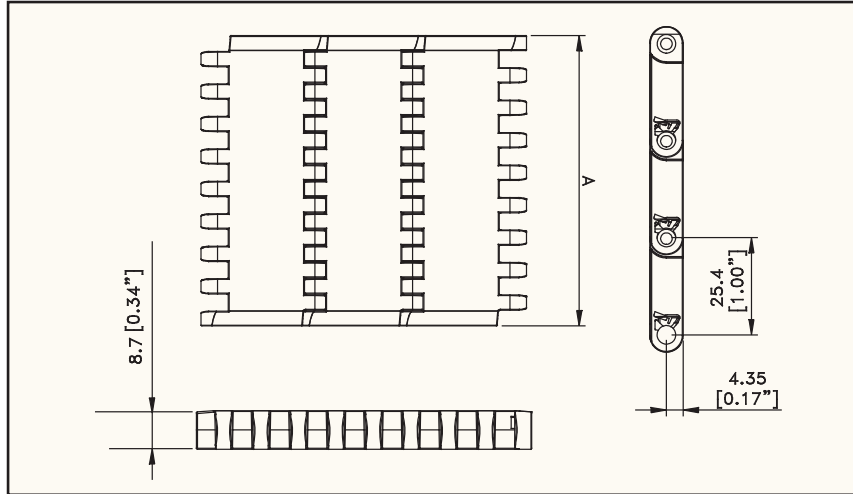


STAGS OF CORRUGATED BOARD HANDLED ON 1805

1800-SERIES



**SOLID TOP
1805**



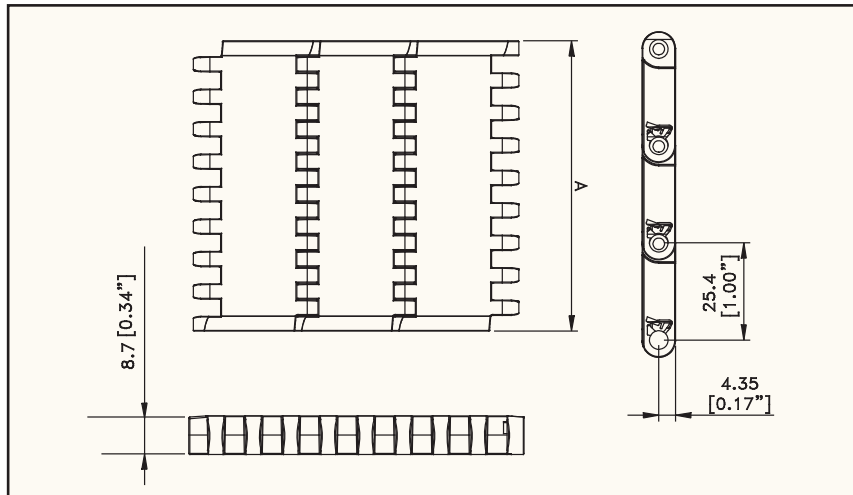
MATERIAL

Assembly	Belt type	Code nr.	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
GREY GM-ACETAL WITH PBT PINS (FLAT BOTTOM)							
STANDARD	GM1805	I1805GMKxx	-30 to +80	up to 65	25000	6.95	20
3-inch MTW	GM1805-K3 MTW	I1805GMK3 MTW	-30 to +80	up to 65	20000	6.95	20
BLUE DBM-ACETAL WITH PBT PINS (FLAT BOTTOM)							
STANDARD	DBM1805	I1805DBMKxx	-30 to +80	up to 65	25000	6.95	20
3-inch MTW	DBM1805-K3 MTW	I1805DBMK3 MTW	-30 to +80	up to 65	25000	6.95	20

A row in a different color can be added to the chain as safety indication. On request the 1805 execution can also be supplied in blue acetal, minimum order quantities apply. Polyester (PBT) pins are standard, Polypropylene pins on request.



**SOLID TOP
1825**

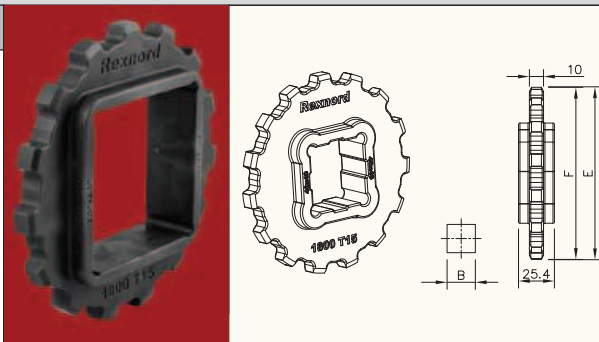


MATERIAL

Assembly	Belt type	Code nr.	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
GREY GM-ACETAL WITH PBT PINS (SCALLOPED BOTTOM)							
STANDARD	GM1825	I1825GMKxx	-30 to +80	up to 65	25000	6.95	20
BLUE DBM-ACETAL WITH PBT PINS (SCALLOPED BOTTOM)							
STANDARD	DBM1825	I1825DBMKxx	-30 to +80	up to 65	25000	6.95	20

A row in a different color can be added to the chain as safety indication. On request the 1825 execution can also be supplied in blue acetal, minimum order quantities apply. Polyester (PBT) pins are standard, Polypropylene pins on request.

1800-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>
CLASSIC SPROCKETS							
SQUARE BORES							
N1800 12-40X40	897.30.04	12	40 mm	98.1	96.5	25	
N1800 12-1½ x 1½	897.30.05		1 ½ in				
N1800 15-40X40	897.30.03	15	40 mm	122.2	122.1		
N1800 15-60X60	897.30.02		60 mm				
N1800 15-1½ x 1½	897.30.06		1 ½ in				
N1800 15-2½ x 2½	897.30.09	18	2 ½ in	146.3	147.0		
N1800 18-40X40	897.30.01		40 mm				
N1800 18-60X60	897.30.00		60 mm				
N1800 18-1½ x 1½	897.30.07		1 ½ in				
N1800 18-2½ x 2½	897.30.08		2 ½ in				
Other sprockets and bore sizes are available upon request (machined in Nylon).							

MATERIAL

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7700-SERIES MATTOP CHAINS

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.

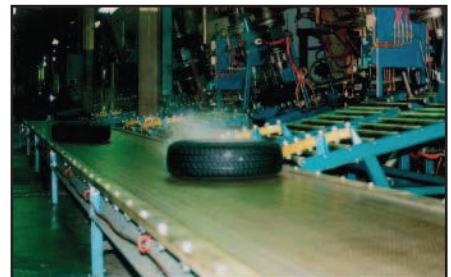
FEATURES

- 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

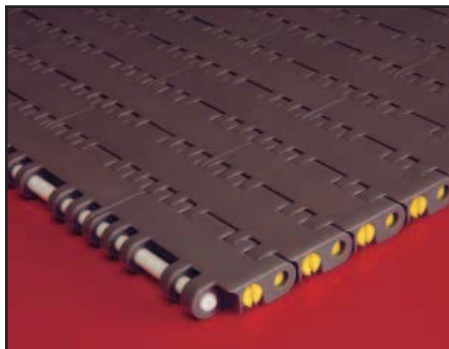


BOTTLE TRANSFER WITH 7705 BELT

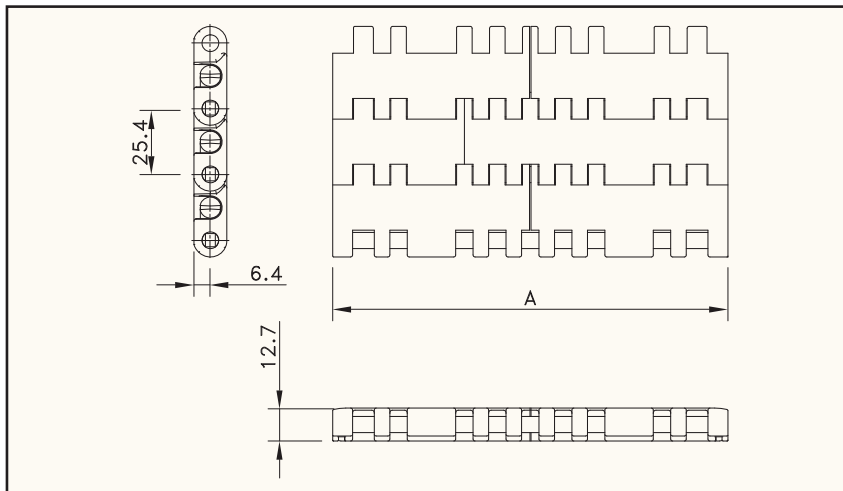


TIRE PROCESSING ON 7708 BELT

7700-SERIES

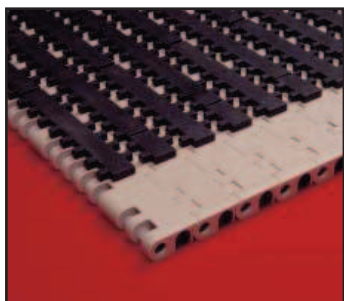


**SOLID TOP
7705**

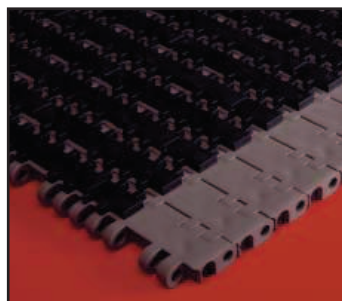


Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) (21°C)	Weight	Backflex radius (min.)
			dry	wet			mm
HP-ACETAL WITH PBT PINS							
STANDARD	HP 7705	I7705HPKxx	-40 to +80	-40 to +65	43000 N/m	13.47 kg/m ²	25
DTS LEFT	HP 7705 K450 DTS-SX LEFT (PT)	81413921					
POSITRACK	HP 7705 K750 DTS-SX LEFT (PT)	81413922					
DTS RIGHT	HP 7705 K450 DTS-DX RIGHT (PT)	81413931					
POSITRACK	HP 7705 K750 DTS-DX RIGHT (PT)	81413932					
MOULD TO WIDTH POSITRACK	HP7705PTK325 (MTW-PT)	81415101			3047 N	1.03 kg/m	
	HP7705PTK450 (MTW-PT)	81415141			4559 N	1.39 kg/m	
	HP7705PTK750 (MTW-PT)	81415181			7784 N	2.58 kg/m	
WX-ACETAL WITH PBT PINS							
STANDARD	WX7705	WX7705-xx	-40 to +80	Not recommended	43000 N/m	13.47 kg/m2	25
MOULD TO WIDTH POSITRACK	WX7705PTK325 (MTW-PT)	81430031			3047 N	1.03 kg/m	
	WX7705PTK450 (MTW-PT)	WX7705-4.5			4559 N	1.39 kg/m	
	WX7705PTK750 (MTW-PT)	81430041			7784 N	2.58 kg/m	

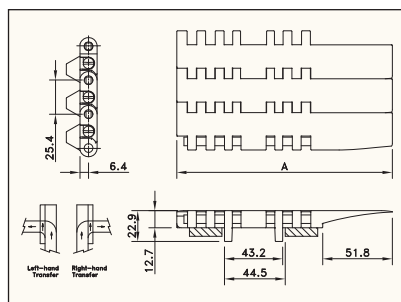
* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120". Special widths start from 5" with ½" increments. see also page 211. Upon request 7705 belts can be supplied in metric versions. 7705 belts are also available with rubber top in HTF and TCF versions. Please contact Customer Service for more details.



7705 HTF BELT WITH RUBBER TOP

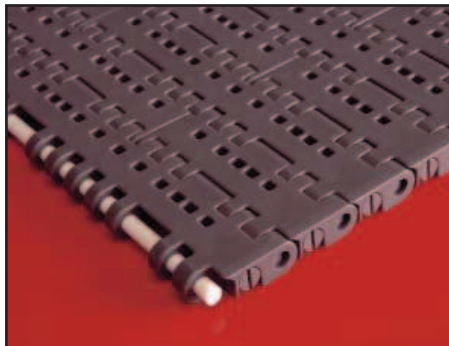


7705 TCF BELT WITH RUBBER TOP

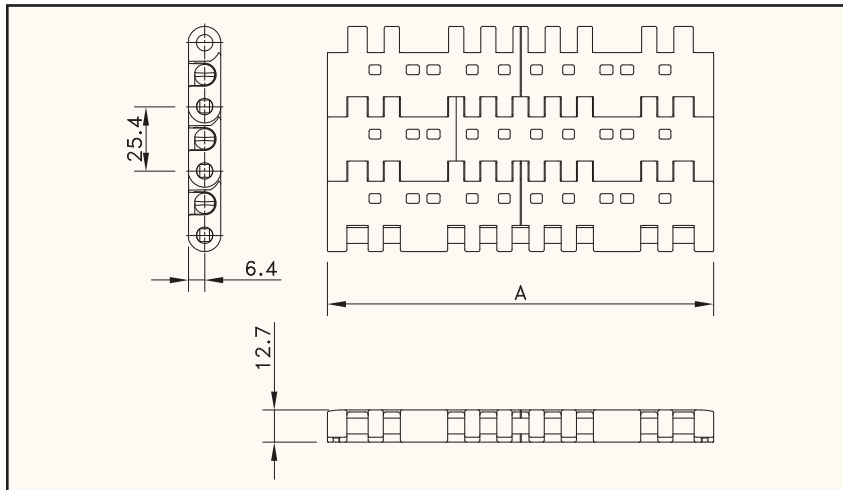


SINGLE MODULE DYNAMIC TRANSFER SYSTEM (DTS)

7700-SERIES



**PERFORATED TOP
7706**



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MATERIAL

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Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
HP-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	HP 7706	I7706HPKxx	-40 to +80	-40 to +65	43000	13.18	25

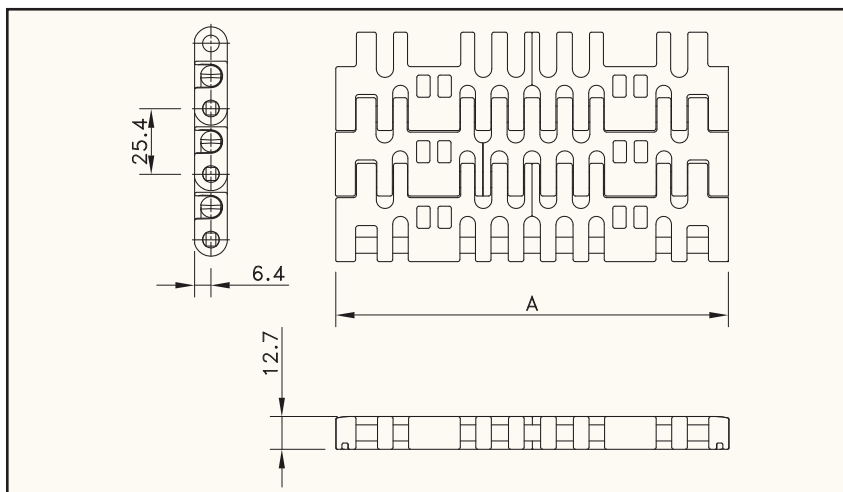
* In code numbers xx corresponds with the belt width (A). Standard widths of these belts begin at 6" with 3" increments up to 120". Special widths start from 5" with ½" increments. See also page 211.

For DTS, modules from page 172 are used.

7706 belts can be supplied in metric versions upon request.



**PERFORATED TOP
7708**



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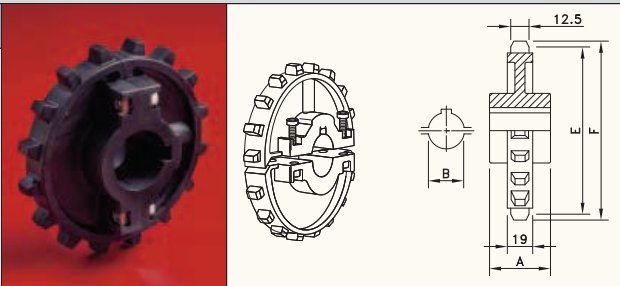
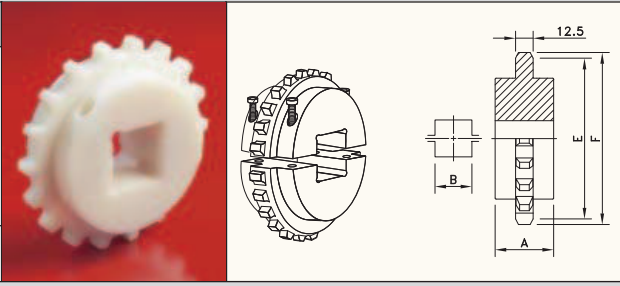
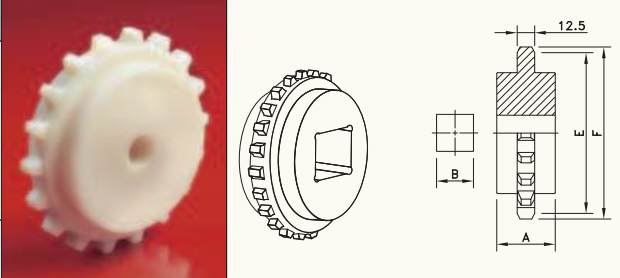
MATERIAL

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Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
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 to 100	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 211.

7700-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width	MATERIAL pag. 214	
			B	E	F	A		
			mm	mm	mm	mm		
SPLIT SPROCKETS INJECTION MOULDED								
ROUND BORES								
NS 7700 T16 R25	614-62-25	16	25	130.2	130.6	51		
NS 7700 T16 R30	614-62-30	16	30					
NS 7700 T16 R35	614-62-35	16	35					
NS 7700 T16 R40	614-62-40	16	40					
NS 7700 T18 R25	614-60-25	18	25	146.3	146.9			
NS 7700 T18 R30	614-60-30	18	30					
NS 7700 T18 R35	614-60-35	18	35					
NS 7700 T18 R40	614-60-40	18	40					
NS 7700 T21 R25	614-63-25	21	25	170.4	170.7			
NS 7700 T21 R30	614-63-30	21	30					
NS 7700 T21 R35	614-63-35	21	35					
NS 7700 T21 R40	614-63-40	21	40					
SPLIT SPROCKETS MACHINED								
SQUARE BORES								
KUS 7700 T16 S40	614-370-4	16	40	130.2	130.6	48		
KUS 7700 T18 S40	I7700604166	18	40	146.3	146.9			
KUS 7700 T18 S50	I7700604176	18	50					
KUS 7700 T21 S40	614-383-4	21	40	170.3	170.7			
KUS 7700 T21 S50	614-383-6	21	50					
KUS 7700 T21 S60	614-383-8	21	60					
CLASSIC SPROCKETS MACHINED								
SQUARE BORES								
KU 7700 T18 S50	114-3926-10	18	50	146.3	146.9	48		
KU 7700 T18 S60	114-3926-12	18	60					
KU 7700 T21 S50	114-3925-12	21	50	170.3	170.7			
KU 7700 T21 S60	114-3925-14	21	60					
KU 7700 T21 S65	114-3925-15	21	65					
KU 7700 T25 S50	114-3927-13	25	50	202.7	204.2			
Round bores are available upon request.								

For plastic chain series: 1050, 1055, 1060

6300T-SERIES MATTOP CHAINS

The 6300-series 50 mm pitch hybrid belt combines the features of steel and plastic components with the advantages of a real modular system. The new 6300T series offers a brick-layed pattern in combination with a reusable pin retention system. In combination with flights and sideguards this belt is a common choice for the food industry. As a standard the belts are supplied in polypropylene and polyethylene.

FEATURES

- Fully plastic product support surface due to the cleverly positioned tension plates underneath the belt surface.
- 6391 and 6392 belt modules are diamond-shaped, resulting in a minimum contact area with the product, with little risk of product sticking to the belt surface.
- Easy to operate pin retention system.
- 6300T-series is strongly recommended for high-temperature applications, such as cookers and blanchers.
- High strength and good dimensional stability due to stainless steel frame of tension plates and pins; no large pitch elongation occurs because of thermal expansion during operation.
- Completely flush modules and edges.
- Bricklaid pattern improves belt robustness and enables easy maintenance and assembly.
- 6300T-Series belts are a replacement for the original 6300-series offering important advantages with respect to pin retention and product handling. 6300T and 6300-series run on the same sprockets. For replacement purposes 6300-series can still be obtained.

PROGRAMME	
6390T Solid Top	Closed surface; suitable for handling small and large products without product loss and where no drainage is required
6391T Perforated Top	26% Open area and the fine mesh make it suitable for applications with very small products requiring good drainage or airflow capabilities, such as blanchers, cookers and coolers
6392T Perforated Top	48% Open area for optimum water- and airflow; due to the bigger gaps it is intended for larger product particles; also suitable for blanchers, cookers and coolers
Belt accessories	Flights and sideguards can be supplied upon request; contact Technical Support

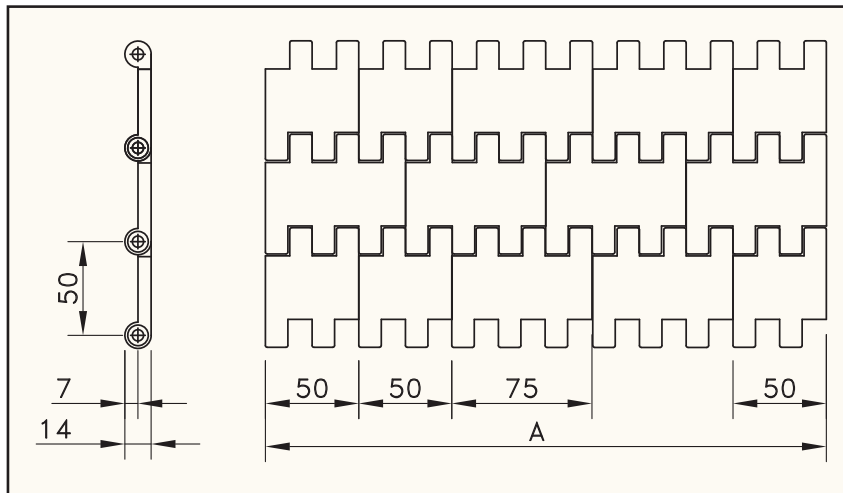


BEANS BLANCHER WITH 6391 MATTOP CHAIN



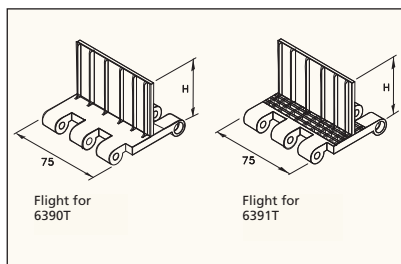
SPINACH ELEVATED ON 6391 MATTOP CHAIN

6390-SERIES



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6390T	I6390TWHTKxx	5 to 105		1500 per row tension plates	9.55	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6390T	I6390TBHTKxx	5 to 105		1500 per row tension plates	9.55	50

* In code numbers xx corresponds with the belt width (A), starting with 225 mm with 75 mm increments up to 2475 mm.
Other sizes upon request. See also page 211.



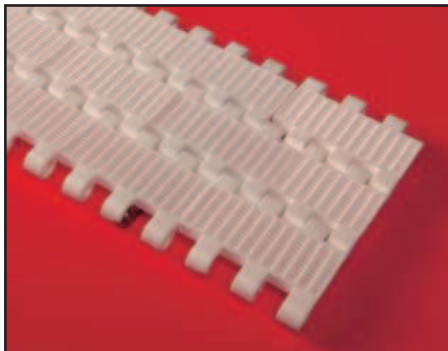
FLIGHT 6390-SERIES FOR INCLINED APPLICATIONS

SIDEGUARDS 6390-SERIES

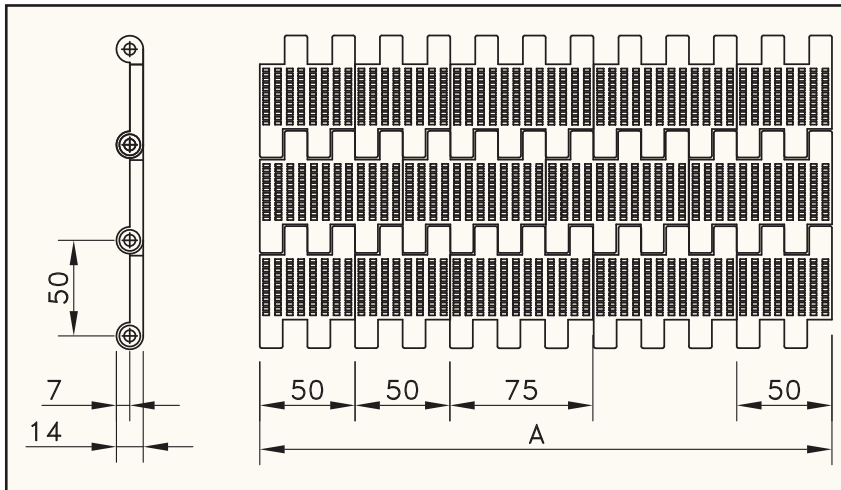
6390-series belts are equipped with stainless steel pins and with tension plates as shown in this table:

Belt width mm	Standard number tension plates	Max. number tension plates without sideguards	Max. number tension plates with sideguards
225	1	$\frac{\text{Belt width} - 225}{75} + 1$	$\frac{\text{Belt width} - 225}{75}$
300 - 750	2		
825 - 1200	4		
1275 - 1500	6		
1575 - 1800	8		
1875 - 2475	10		

6390-SERIES



**PERFORATED TOP
6391T**



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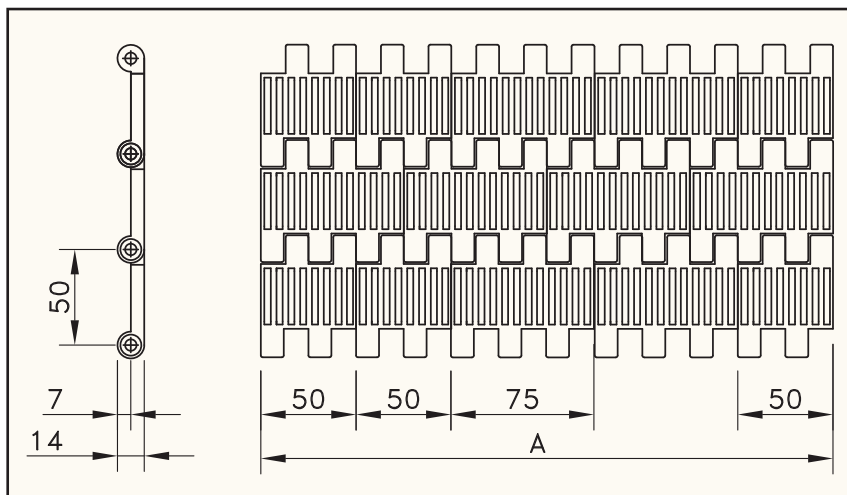
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6391T	I6391TWHTKxx	5 to 105		1500 per row tension plates	9.02	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6391T	I6391TBHTKxx	5 to 105		1500 per row tension plates	9.02	50
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 6391T	I6391TWLTxx	-70 to +25		1500 per row tension plates	9.02	50

* 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 211.

6390-SERIES

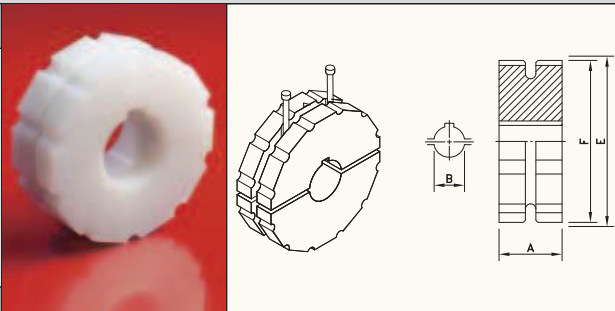


**PERFORATED TOP
6392T**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
WHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 6392T	I6392TWHTKxx	5 to 105		1500 per row tension plates	8.75	50
BHT-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	BHT 6392T	I6392TBHTKxx	5 to 105		1500 per row tension plates	8.75	50
WLT-POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 6392T	I6392TWLTxx	-70 to +25		1500 per row tension plates	8.75	50

* 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 211.

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>	
SPLIT SPROCKETS								
ROUND BORES								60
KUS 6390 T08 R30	I6390630652	8	30	130.6	120.7			
KUS 6390 T08 R40	I6390630692	8	40					
KUS 6390 T10 R30	I6390631462	10	30	161.8	153.9			
KUS 6390 T10 R40	I6390631482	10	40					
KUS 6390 T12 R30	I6390631572	12	30	193.1	186.6			
KUS 6390 T12 R40	I6390631592	12	40					
KUS 6390 T16 R30	I6390631682	16	30	256.3	251.4			
KUS 6390 T16 R40	I6390631702	16	40					
SQUARE BORES							Other dimension available upon request.	60
KUS 6390 T08 S40	I6390603836	8	40	130.6	120.7			
KUS 6390 T10 S40	I6390630512	10	40	161.8	153.9			
KUS 6390 T12 S40	I6390630532	12	40	193.1	186.6			
KUS 6390 T16 S40	I6390630552	16	40	251.4	256.3			

Other dimension available upon request.

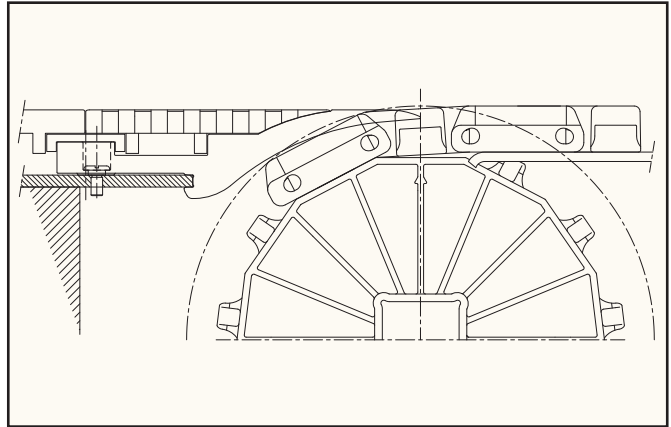
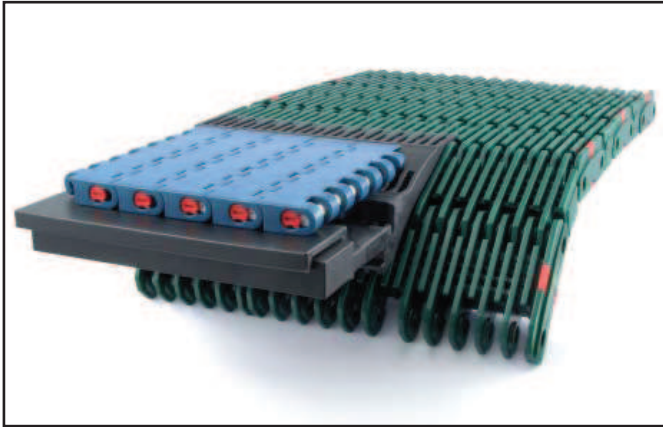
Other bore sizes upon request.

2000-SERIES MATTOP CHAINS

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.

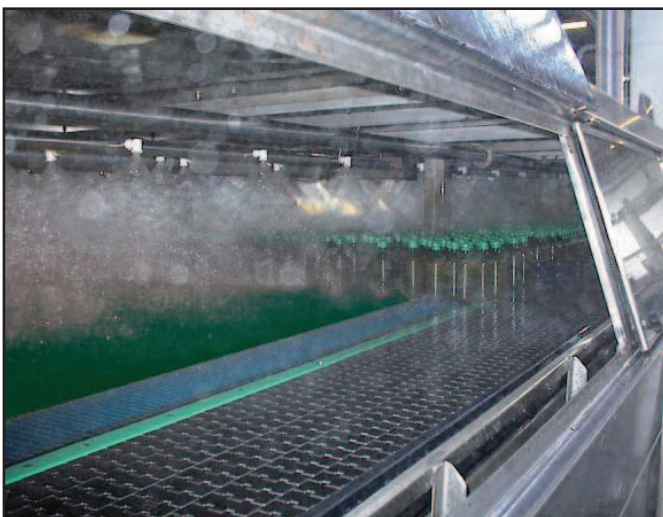
FEATURES

- 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 (RR)	30% Open area; ideal for pasteurizer applications, warmers and coolers. This standard RR execution is meant for can or flat-based PET handling
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

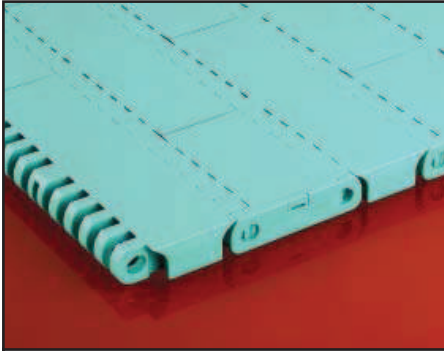


GLASS BOTTLE WARMER WITH 2000 RAISED RIB BELT AND DTS-C TRANSFER

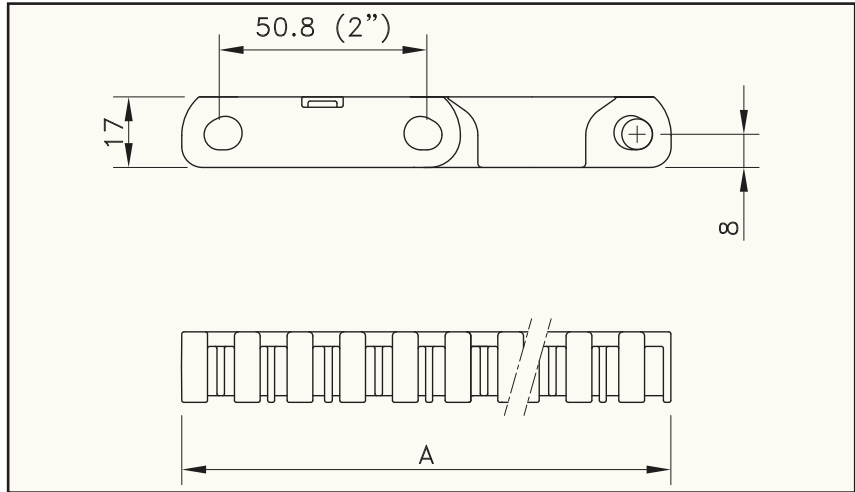


BOTTLE ACCUMULATING ON 2000 BELT

2000-SERIES



**FLAT TOP
2000**



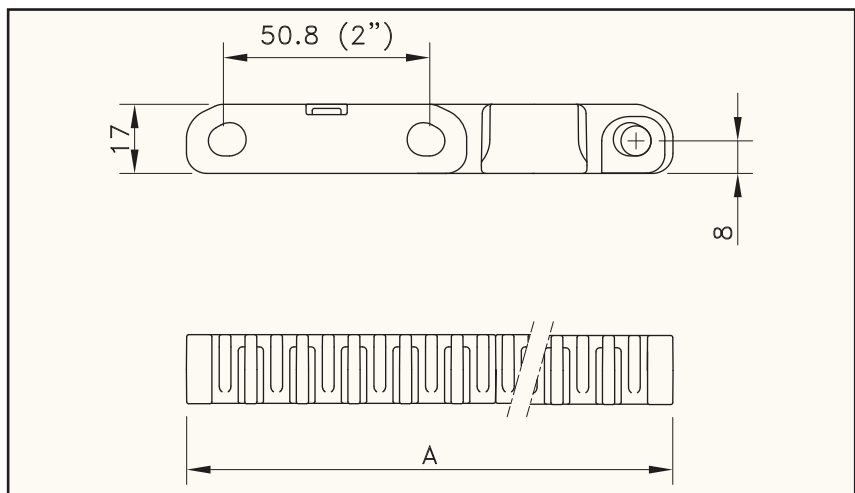
MATERIAL
pag. 213

Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FT 2000 XP	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 211.



**FLUSH GRID
2000**

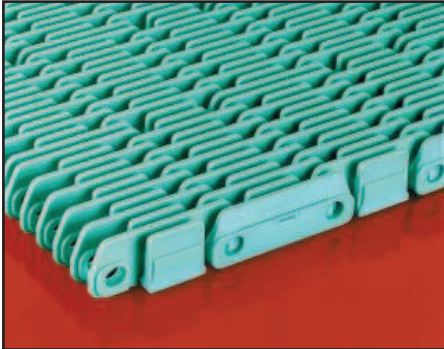


MATERIAL
pag. 213

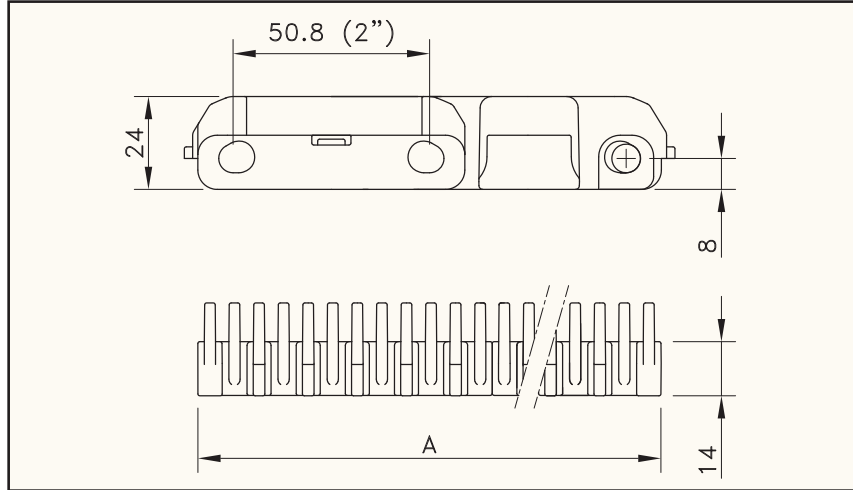
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet			
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	FG 2000 XP	838.40.xx	4 to 104	4 to 104	29500	7.55	35

* 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 211.

2000-SERIES



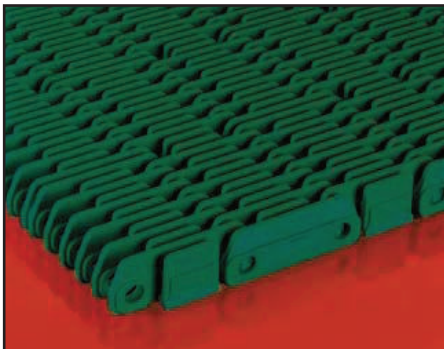
**RAISED RIB
2000**



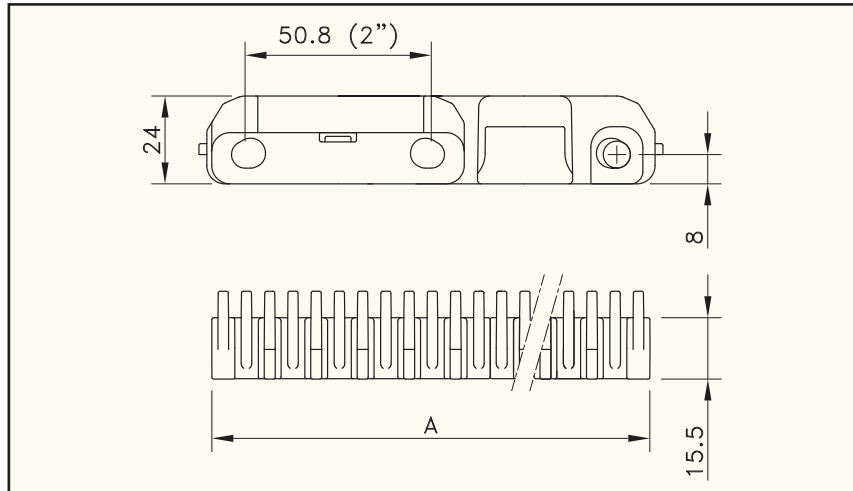
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.)	Weight	Backflex radius (min.)
			dry	wet	N/m (21°C)	kg/m²	mm
XP-POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	RR 2000 XP	838.10.xx	4 to 104	4 to 104	29500	10.60	75
POSITRACK	RRP 2000 XP	838.90.xx					

* 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 Positrac start with 12 for 9". See also page 211.

Chain assembly tool (chain tensioner) code 800.00.04.



**RAISED RIB
2000
HEAVY DUTY**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
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					

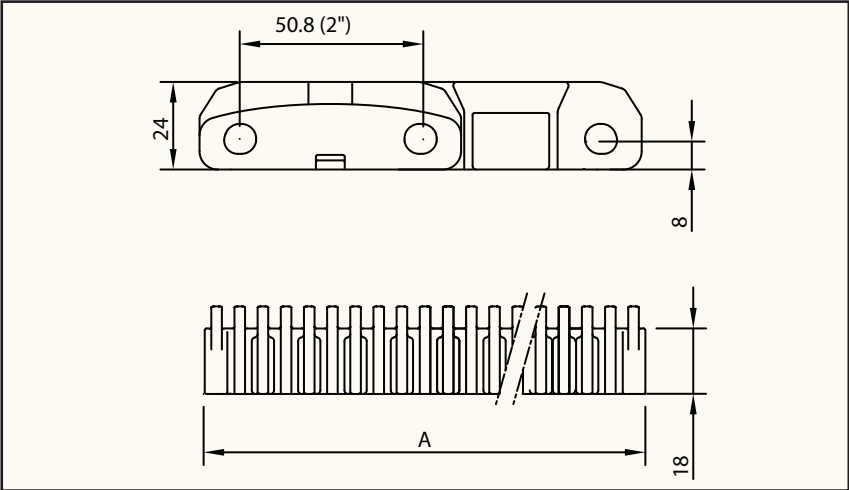
* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrac start with 12 for 9". See also page 211.

Chain assembly tool (chain tensioner) code 800.00.04.

2000-SERIES



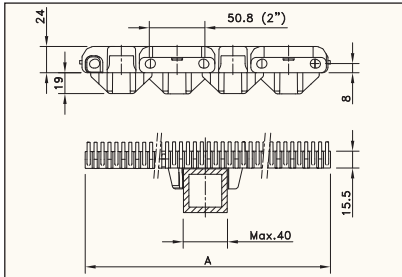
**SUPER RIB
2000**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
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						

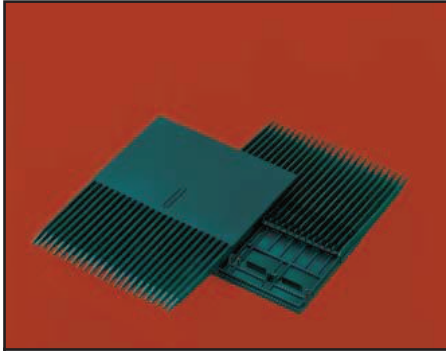
* In code numbers xx corresponds with the belt width (A), starting with 10 for 3", 11 for 6" and so on in steps of 3". 2000 Belts with Positrac start with 12 for 9". See also page 211.

Chain assembly tool (chain tensioner) code 800.00.44.

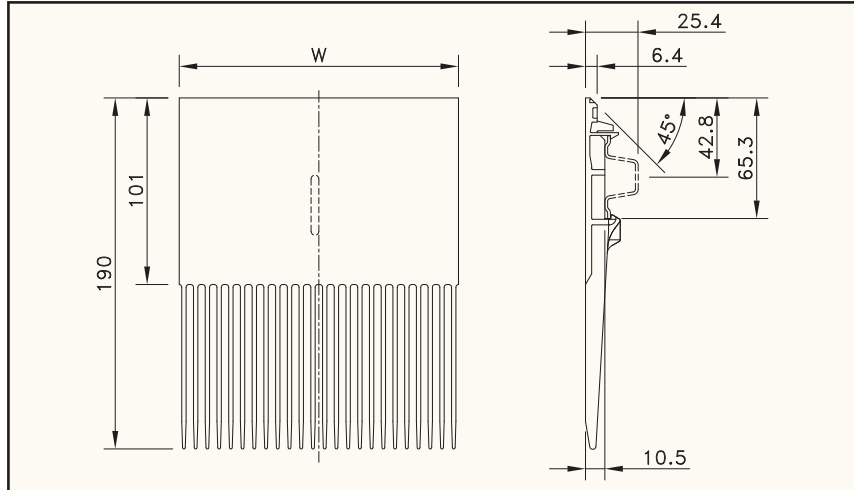


RAISED RIB 2000 BELT WITH POSITRACK IN THE CENTER OF THE BELT OR 1.5" OFFSET, DEPENDING ON THE WIDTH

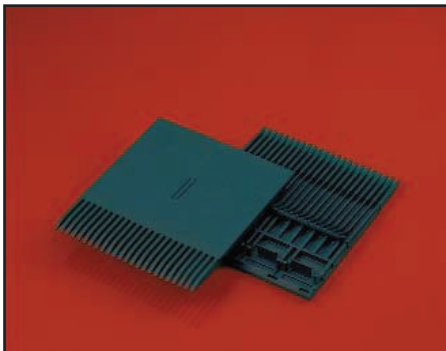
2000-SERIES



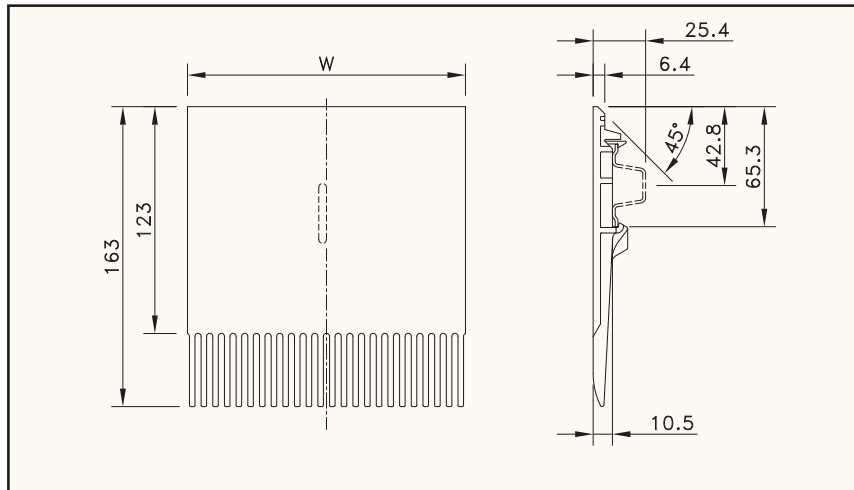
**CLICK-COMB FINGERPLATES
STANDARD**




'Click-Comb' fingerplate type	Code nr.	Length	Width W	Weight ≈
		mm	mm	kg
XLG-ACETAL				
2000 XLG 190 x 152	837.12.01	190	151	0.16
2000 XLG 190 x 74	837.12.02	190	74	0.08

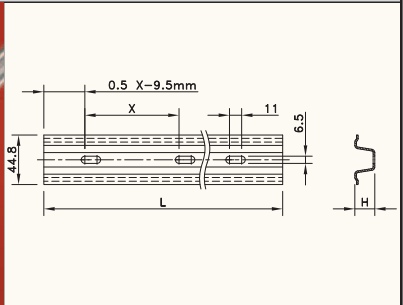


**CLICK-COMB FINGERPLATES
FOR GLASS HANDLING**



'Click-Comb' fingerplate type	Code nr.	Length	Width W	Weight ≈
		mm	mm	kg
XLG-ACETAL				
GL 2000 XLG 163 x 152	837.12.09	163.1	151	0.16
GL 2000 XLG 163 x 74	837.12.03	163.1	74	0.08

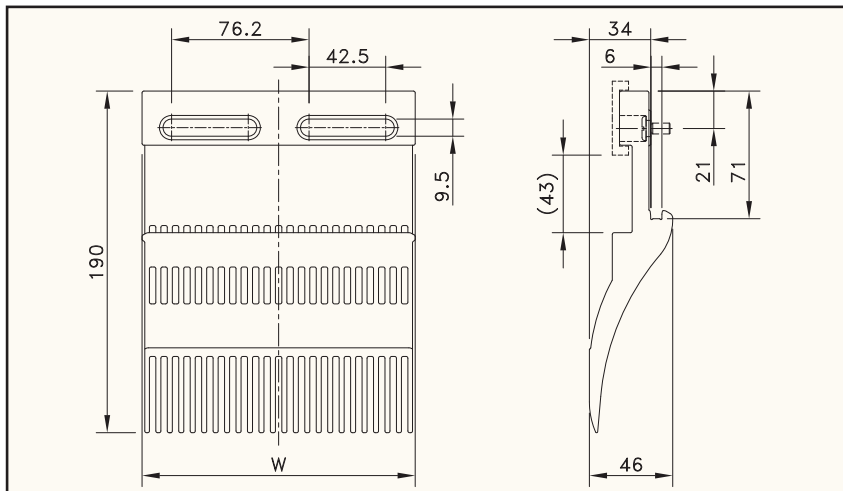
Code nr.	Number of pitches	Length L	For belt width	Weight	Pitch X		Height H	MATERIAL
		mm	mm	kg	mm	inch	mm	
PROFILES FOR FINGERPLATES								
STAINLESS STEEL						76.2	3.00	15
801.55.28	7	602	0 < W ≤ 533	0.44				
801.55.29	13	1059	533 < W ≤ 991	0.77				
801.55.31	19	1516	991 < W ≤ 1448	1.11				
801.55.32	25	1973	1448 < W ≤ 1905	1.44				
801.55.34	31	2430	1905 < W ≤ 2362	1.77				
801.55.37	43	3345	2362 < W ≤ 3277	2.44				
801.55.40	55	4259	3277 < W ≤ 4191	3.11				
801.55.43	67	5174	4191 < W ≤ 5105	3.78				
801.55.02	78	6012	5105 < W ≤ 5944	4.39				



2000-SERIES



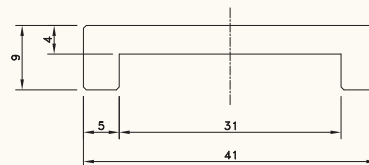
**DTS-C TRANSFER SYSTEM
FOR PASTEURIZERS**



Product	Code nr.	Length	Width W	Weight ≈
		mm	mm	kg
REINFORCED POLYAMIDE				
DTS-C 2000-1005 190 x 152	834.12.79*	190	152	0.25

*DTS-C is optimized for 16 tooth sprocket size

WEARSTRIP DTS-C 2000		
Wearstrip DTS-C 2000	S0 362 694 341	3
Wearstrip DTS-C 2000	S0 362 617 26	6

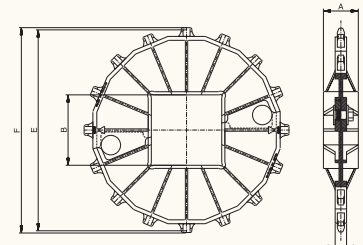


Sprocket Type	Code nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	MATERIAL pag. 214
			mm/inch	mm	mm	mm	

SPLIT SPROCKETS

SQUARE BORES

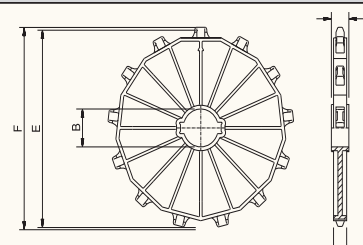
SS 2000 13-90x90 POM	893.73.24	13	90 mm	212.3	209.0	45
SS 2000 16-65x65 POM	893.76.23	16	65 mm	260.4	262.0	
SS 2000 16-90x90 POM	893.76.24	16	90 mm			
SS 2000 16-120x120 POM	893.76.29	16	120 mm			



CLASSIC SPROCKETS

ROUND BORES

CS 2000 10-40 POM	893.10.11	10	40 mm	164.4	163.1	20
CS 2000 10-50 POM	893.10.12	10	50 mm	164.4	163.1	
CS 2000 12-40 POM	893.12.11	12	40 mm	196.3	196.3	30
CS 2000 13-65 POM	893.13.13	13	65 mm	212.3	209.0	
CS 2000 13-90 POM	893.13.14	13	90 mm	212.2	209.0	45
CS 2000 16-90 POM	893.16.14	16	90 mm	260.4	262.0	
CS 2000 16-2½ POM	893.16.43	16	2.5"	260.4	262.0	30



SQUARE BORES

CS 2000 10-40x40 POM	893.10.21	10	40 mm	164.4	163.1	20
CS 2000 10-60x60 POM	893.10.28	10	60 mm	164.4	163.1	30
CS 2000 10-65x65 POM	893.10.23	10	65 mm	164.4	163.1	
CS 2000 12-40x40 POM	893.12.21	12	40 mm	196.3	196.3	20
CS 2000 12-60x60 POM	893.12.28	12	60 mm	196.3	196.3	30
CS 2000 12-65x65 POM	893.12.23	12	65 mm	196.3	196.3	
CS 2000 13-40x40 POM	893.13.21	13	40 mm	212.3	209.0	20
CS 2000 13-65x65 POM	893.13.23	13	65 mm	212.3	209.0	30
CS 2000 13-90x90 POM	893.13.24	13	90 mm	212.3	209.0	45
CS 2000 16-65x65 POM	893.16.23	16	65 mm	260.4	262.0	30
CS 2000 16-90x90 POM	893.16.24	16	90 mm	260.4	262.0	45
CS 2000 16-120x120 POM	893.16.29	16	120 mm	260.4	262.0	

2010-SERIES MATTOP CHAINS

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 siderails and integrated siderails.



INCLINED CONVEYOR FOR CHIPS FTR2015 MATTOP CHAIN



CONFECTIONARY ELEVATING ON 2015 MATTOP CHAIN



CHICKEN DEBONING LINE WITH 2015 MATTOP CHAIN



INFEEED OF INCLINED CONVEYOR WITH 2010 ISR6

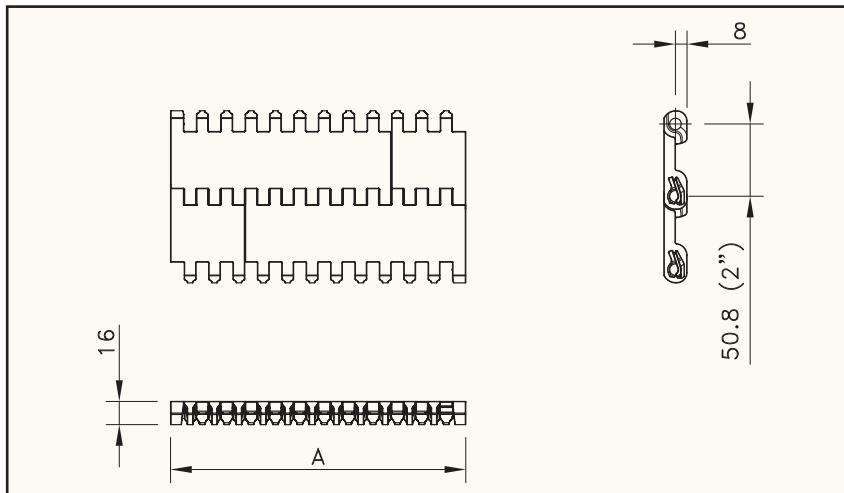


TOMATO SORTING ON 2015 MATTOP CHAIN

2010-SERIES



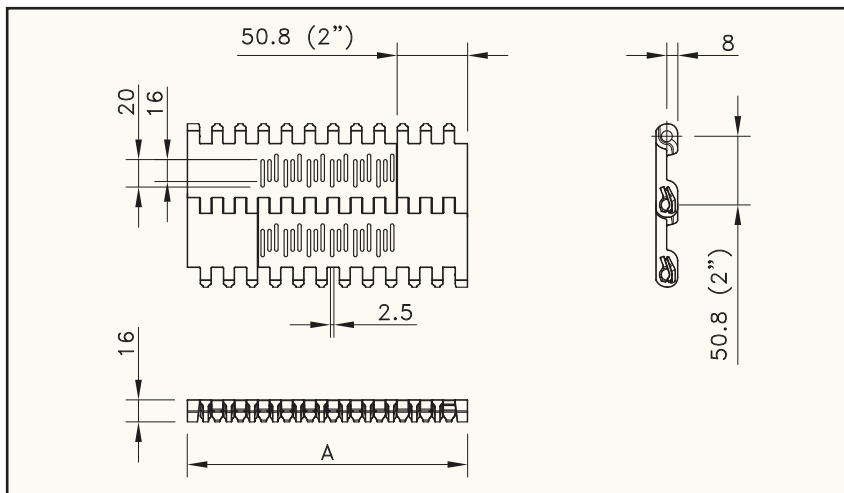
**SOLID TOP
2015**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 2015	846.04.10	-70 to +35	-70 to +35	7500	9.50	87
STANDARD	BLT 2015	846.05.10	-70 to +35	-70 to +35	7500	9.50	87
POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 2015	849.04.10	4 to 104	4 to 104	15000	8.90	87
STANDARD	BHT 2015	849.03.600	4 to 104	4 to 104	15000	8.90	87
ACETAL WITH POLYPROPYLENE PINS							
STANDARD	WSM 2015	844.03.10	4 to 80	4 to 65	20000	13.60	87
STANDARD	SMB 2015	844.02.510	4 to 80	4 to 65	20000	13.60	87



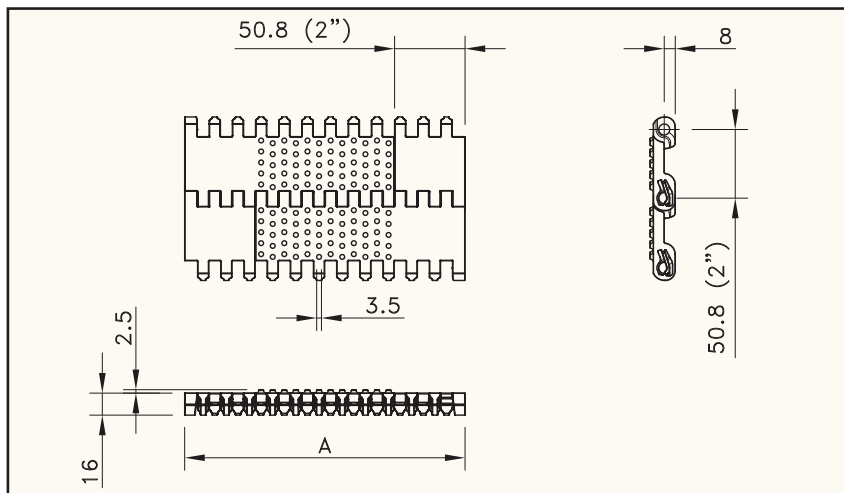
**PERFORATED TOP
2016**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 2016	846.07.00	-70 to +35	-70 to +35	7500	9.50	87
STANDARD	BLT 2016	846.09.00	-70 to +35	-70 to +35	7500	9.50	87
POLYPROPYLENE WITH POLYPROPYLENE PINS							
STANDARD	WHT 2016	849.06.00	4 to 104	4 to 104	15000	8.90	87
STANDARD	BHT 2016	849.04.60	4 to 104	4 to 104	15000	8.90	87
ACETAL WITH POLYPROPYLENE PINS							
MOULD TO ORDER	WSM 2016	844.03.51	4 to 80	4 to 65	20000	13.60	87
MOULD TO ORDER	SMB 2016	844.04.100	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 ½" increments possible. See also page 211. 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.

2010-SERIES



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
POLYETHYLENE WITH POLYETHYLENE PINS							
STANDARD	WLT 2011	846.07.51	-70 to +35	-70 to +35	7500	9.50	87
STANDARD	BLT 2011	846.09.51	-70 to +35	-70 to +35	7500	9.50	87
POLYPROPYLENE WITH POLYPROPYLENE PINS							
MOULD TO ORDER	WHT 2011	849.06.51	4 to 104	4 to 104	15000	8.90	87
MOULD TO ORDER	BHT 2011	849.02.60	4 to 104	4 to 104	15000	8.90	87
ACETAL WITH POLYPROPYLENE PINS							
MOULD TO ORDER	WSM 2011	844.04.51	4 to 80	4 to 65	20000	13.60	87
MOULD TO ORDER	SMB 2011	844.05.00	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 1/3" increments possible. See also page 211.

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


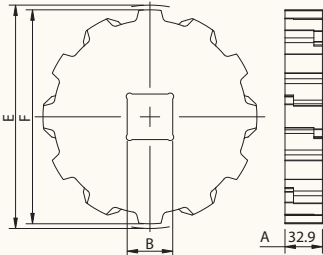
Material	WLT or BLT or WHT or BHT	
Belt type	2016	
Width (A)	K.. (in inches)	Belts with flights have a minimal width of 8"; smaller upon request
Flights	F1 or F2 or F3 or F4 or H.. F5 or F6 C4 or C6 RF2 or RF3 or RF4 or RH.. RC4 or RC6 B4 or B6	Straight; standard height 1" to 4" or special in mm; all 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" or special in mm Bucket flight; height 4" or 6"
Pitch between flights	T..P	Flights on every .. th row
Flight side-indent	N.. (in inches)	Minimal 1 1/3" with 1/3" increments; sideguards are situated at 1/3" from the flight, reducing the indent by 1/3"; if side-indent is 1 1/3", sideguards are directly besides the flight, reducing the indent by 1/3"
Sideguards	SG2 or SG3 or SG4	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 2/3 " to the flight. Flights are positioned directly against the Integrated Siderail (ISR).

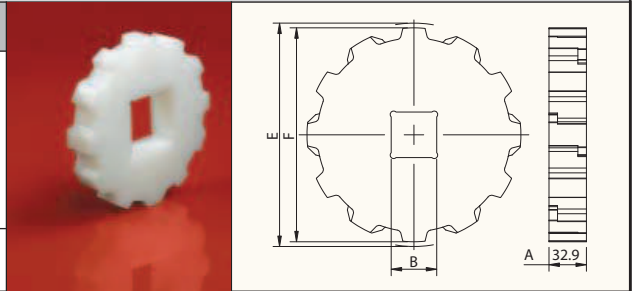
* Flight materials can differ from the belt material in some flight / belt combinations. F5 and F6 are heavy duty flights. Ribbed flights can be double ribbed (both sides) or single rib depending on material and execution.

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 2/3")

2010-SERIES

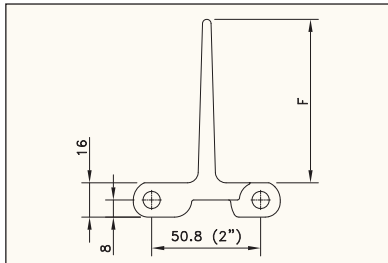
Type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>
CLASSIC SPROCKETS							
SQUARE BORES							
CS 2010-6-40x40	897.20.23	6*	40	101.6	87.0	33	
CS 2010-8-40x40	897.20.04	8	40	132.8	121.0		
CS 2010-10-40x40	897.20.07	10	40	164.4	154.0		
CS 2010-10-60x60	897.20.10	10	60				
CS 2010-12-40x40	897.20.26	12	40	196.3	188.0		
CS 2010-12-60x60	897.20.29	12	60				
* 6 teeth sprockets are not recommended as drive sprockets.							
							



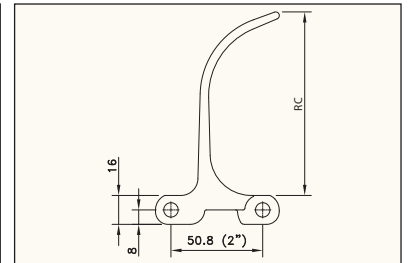
ACCESSORY INFORMATION:



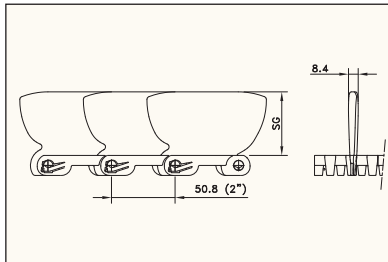
STRAIGHT FLIGHT FOR 2010-SERIES



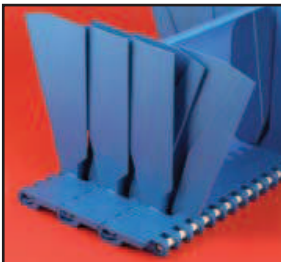
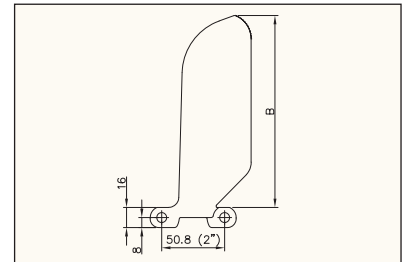
CURVED RIBBED FLIGHT FOR 2010-SERIES



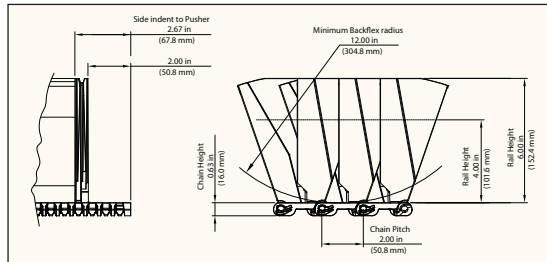
SIDEGUARDS FOR 2010-SERIES



BUCKET FLIGHT FOR 2010-SERIES



INTEGRATED SIDERAIL (ISR) FOR 2010-SERIES, 6-INCH AND 4-INCH HIGH



6990-SERIES MATTOP CHAINS

The 6990-series 2¼-inch pitch heavy-duty belt is mainly intended for long and wide conveyors in different segments of the automotive industry. The closed surface of the 6995, the non-skid surface of the 6999 execution and 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. As a standard the belts are supplied in high-performance acetal.

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.

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
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 sideguards (sideguards are available exclusively through selected industry channels)

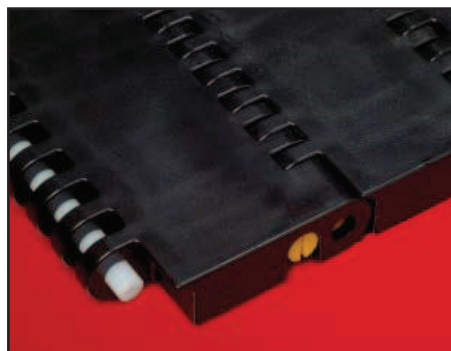


CAR INTERIOR CLEANING (DETAILING) INSTALLATION WITH 6995 BELT

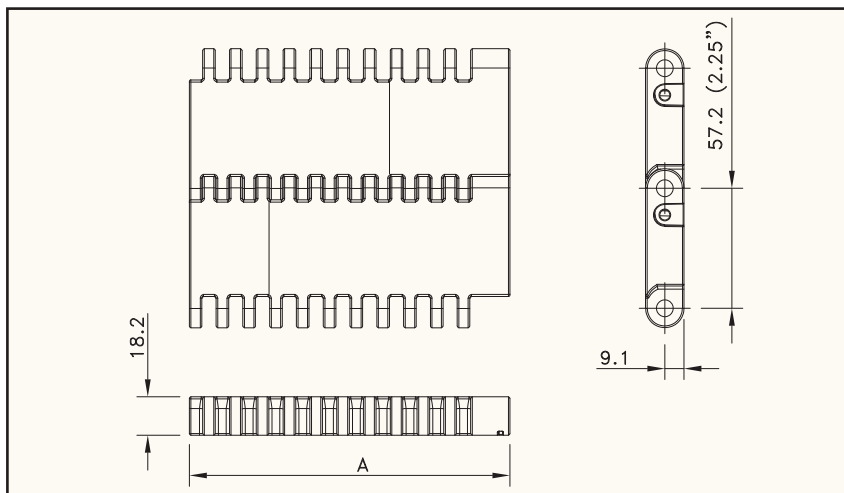


DUAL LANE EXTERIOR CAR WASHING ON 6990-SERIES WITH T1 PUSHERS

6990-SERIES



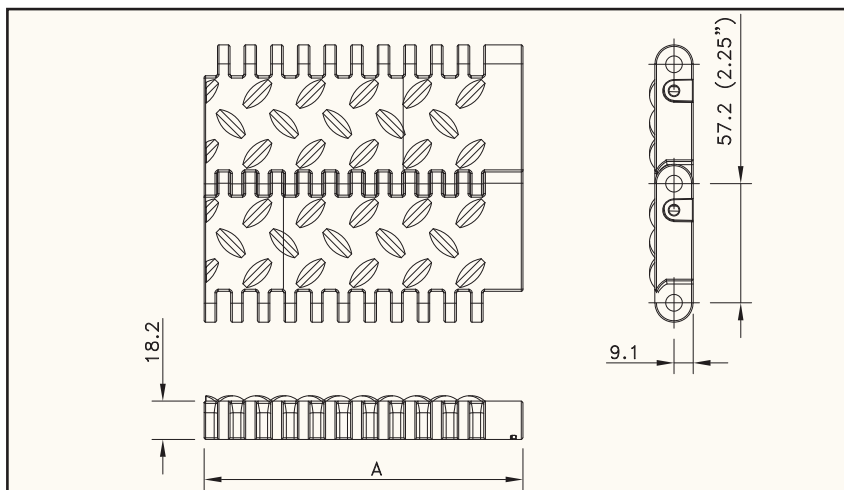
**SOLID TOP
6995**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
BSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BSM 6995	I6995BSMKxx	4 to +80	4 to +65	51000	14.65	38
BYSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BYSM 6995	I6995BYSMKxx	4 to +80	4 to +65	51000	14.65	38




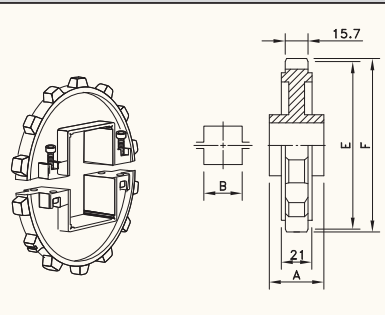

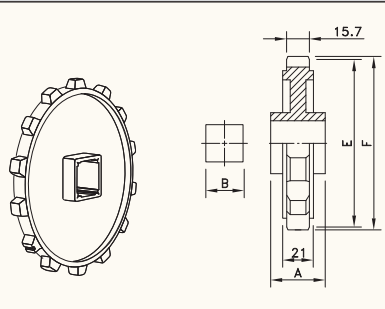
**SAFETY TOP
6999**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
BSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BSM 6999	I6999BSMKxx	4 to +80	4 to +65	51000	14.65	38
BYSM-ACETAL WITH POLYPROPYLENE PINS							
STANDARD	BYSM 6999	I6999BYSMKxx	4 to +80	4 to +65	51000	14.65	38

* 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 211.

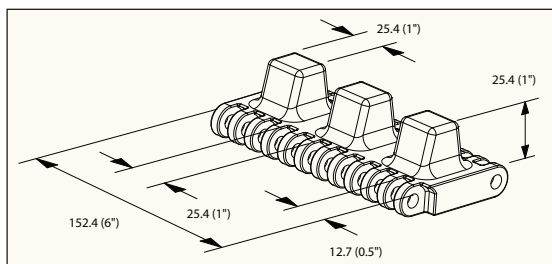
6990-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>	
SPLIT SPROCKETS								
SQUARE BORES								
NS 5996 T09 S90	614-91-2	9	90	167.1	164.1	48		
NS 5996 T12 S90	614-97-2	12	90	220.8	221.0			
NS 5996 T14 S90	614-89-2	14	90	256.8	256.5			
NS 5996 T14 S120	614-128-1	14	120					
CLASSIC SPROCKETS								
SQUARE BORES								
N 5996 T07 S40	114-821-11	7	40	131.7	125.5	48		
N 5996 T09 S40 HS	114-2238-1	9	40	167.1	164.1			
N 5996 T09 S50 HS	114-3278-1	9	50					
N 5996 T09 S65 HS	114-1599-16	9	65					
N 5996 T14 S40 HS	114-2239-1	14	40	256.8	256.5			
N 5996 T14 S50 HS	114-2239-2	14	50					
N 5996 T14 S65 HS	114-1101-2	14	65					
N 5996 T14 S90 HS	114-1032-2	14	90					
HS suitable for hot and humid applications.								

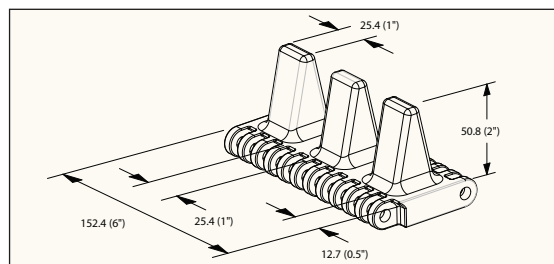
ACCESSORY:



DIN STYLE PUSHER 6990



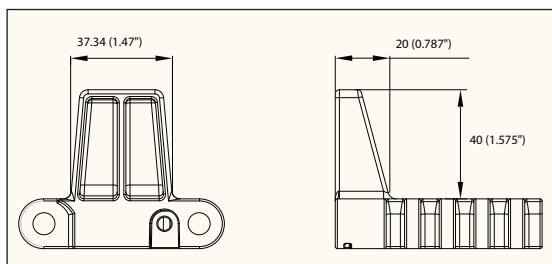
T1 DIMENSIONS



T2 DIMENSIONS



DIN STYLE SIDEGUARD 6990



H40 DIMENSIONS

9200-SERIES FORTREX™ STAINLESS STEEL MATTOP® CHAINS

To achieve the industry’s highest reliability, Rexnord has designed 2¼-inch pitch Fortrex™ stainless steel MatTop chain, a breakthrough in tunnel pasteurizing conveying. In pasteurization, long-lasting shelf life and chain life are critically important. Long-lasting shelf life preserves the good taste and quality of beverages and foods. And, long-lasting chain life guarantees uninterrupted productivity as containers move at precise speeds through controlled temperature zones of long pasteurizer tunnels.

FEATURES

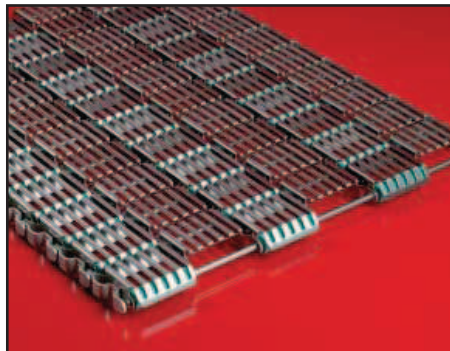
- Stainless steel chain design ensures ultimate reliability at reduced total cost of ownership, including glass handling applications.
- Suitable for parallel and chevron stainless steel wearstrips, so significantly reduced retrofit cost.
- Chain rollers reduce tension by 60% over sliding belts and reduce motor power requirements.
- Split sprockets and idlers can accommodate a classic drive shaft construction.
- Superior, extended chain life.
- Elimination of unscheduled tunnel pasteurizer downtime.
- User-friendly riveted-pin retention system eliminates the need for welding during assembly.
- Maximum chain width is 6 meters.
- Maximum conveyor length is 43 meters.
- Open area is 50%.

PROGRAMME	
9217	Equipped with rollers every 3”, suitable to run on chevron wearstrips
9227	Equipped with rollers every 6”, to run parallel wearstrips spaced at 6”
Positrack	Tracking guides for optimum reliability throughout the length of the pasteurizer tunnel.
Fingerplates	Smooth product transfers at infeed and outfeed with self-clearing DTS®-C.

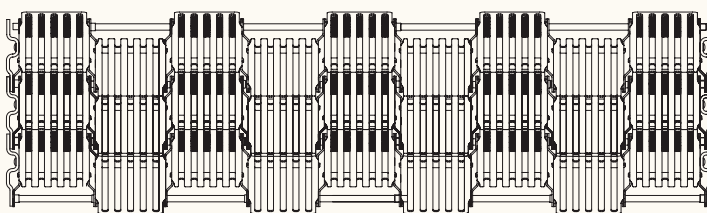


FORTREX 9227 BELT IN A FOOD TUNNEL PASTEURIZER

9200-SERIES



**FORTREX
9200**

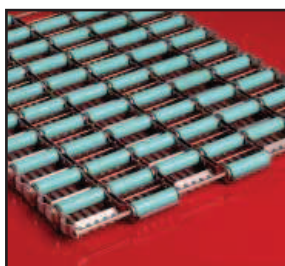


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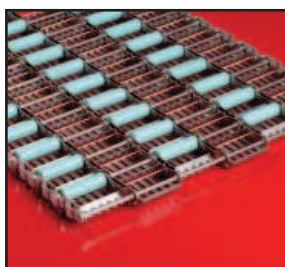
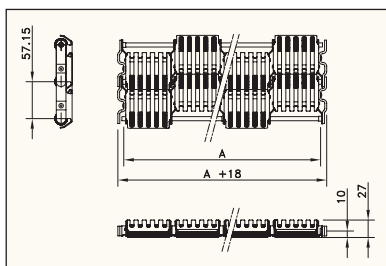
MATERIAL
pag. 213

Assembly	Belt type	Code nr.*	Temperature range °C		Product load (max.) kg/m²	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
FORTREX 9217							
STANDARD	9217	820.05.xx	4 to 100	4 to100	285	24.5	80
POSITRACK	9217 PT	820.06.xx					
FORTREX 9227							
STANDARD	9227	820.02.xx	4 to 100	4 to 100	285	24.0	80
POSITRACK	9227 PT	820.04.xx					

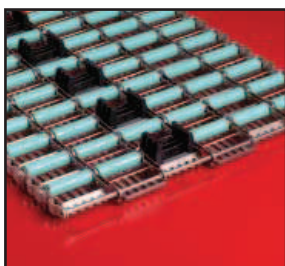
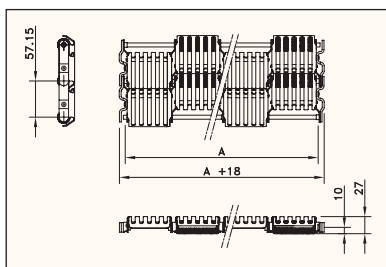
* In code numbers xx corresponds with the belt width (A), starting with 29 for 90, 30 for 93", and so on in steps of 3", up to 240"; see also page 211.



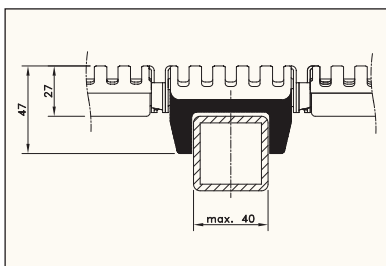
FORTREX 9217



FORTREX 9227



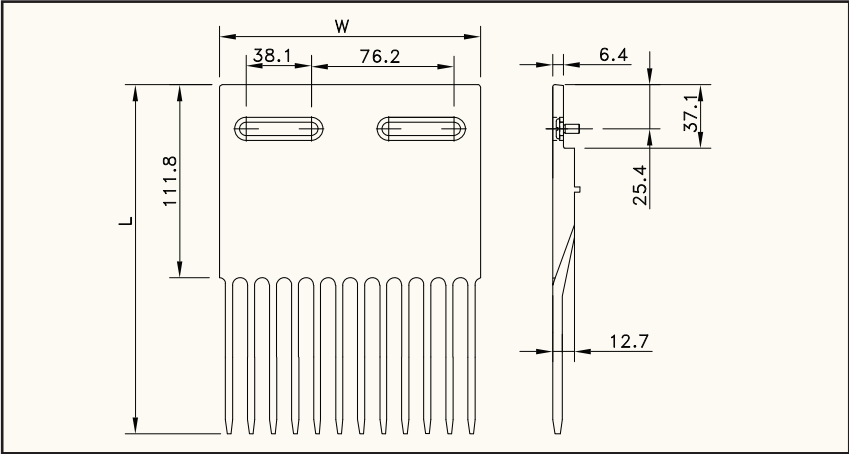
POSITRACK IN THE CENTER OF THE BELT OR 1.5" OFFSET, DEPENDING ON THE WIDTH



9200-SERIES



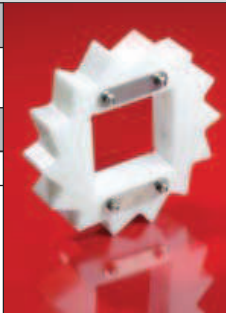
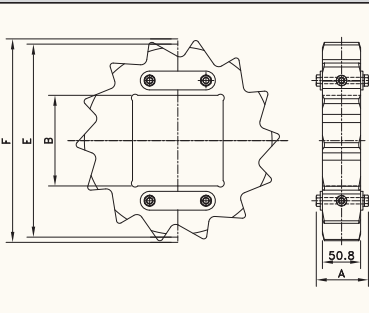

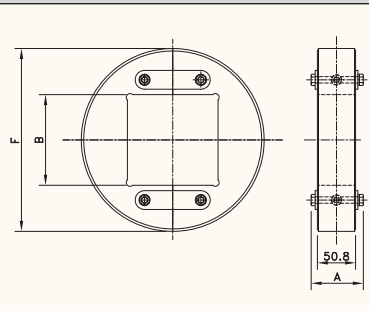

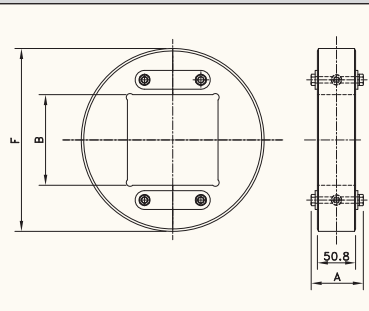

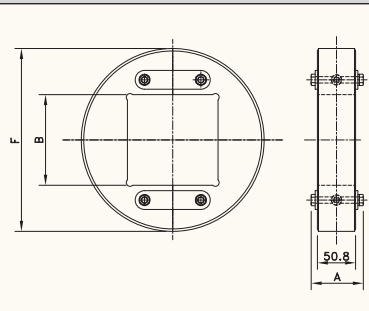
**CLASSIC
FINGERPLATE**



Comb fingerplate with M6 screw and caps	Code nr.	Length L	Width W	Weight
		mm	mm	kg
REINFORCED POLYAMID				
Comb 5997/Fortex	I5997/631183	202	150.6	0.2

*Combs are supplied with 2 * M6 Stainless Steel screws and 2 caps

9200-SERIES

Sprocket type	Code nr.	Nr. of teeth	Bore B mm/inch	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 214</div>		
SPLIT SPROCKETS									
SQUARE BORES									
KUS 9200 T14 S120	820.10.00	14	120 mm	256.8	270.8				50.8
KUS 9200 T14 S3.5	820.10.04	14	3.5"						
ROUND BORES									
KUS 9200 T14 R90	820.10.02	14	90 mm	256.8	270.8				50.8
SPLIT IDLER DRUMS									
SQUARE BORES									
KSXTS 9200 T14 S120	820.10.01	14	120 mm	256.8	236.0				50.8
KSXTS 9200 T14 S3.5	820.10.05	14	3.5"						
ROUND BORES									
KSXT 9200 T14 R90	820.10.03	14	90 mm	256.8	236.0				50.8
KSXT 9200 T14 R3.5	820.10.06	14	3.5"						
* Other bore sizes available upon request									

2500-SERIES MATTOP CHAINS

The 2500-series 2½-inch pitch belt is intended for heavy-duty pasteurizing. The high working load permits application in heavily loaded glass pasteurisers. The total system, the module design, the transfer fingers, the sprockets and the pin retention system have been designed to cope with the harsh environment of glass pasteurizers. As a standard the belts are made of yellow reinforced polypropylene; the transfer plates are made of the same material in green-blue.

FEATURES

- The surface of the belt is designed to handle broken glass without interference with the long term performance of the belt. The special design optimizes water flow and prevents glass particles from getting stuck. Besides the solid ribs are designed to withstand the high forces that might be generated by broken glass.
- The curved bottom of the slots between the ribs ensures an optimum contact with the finger transfer system, unaffected by the chordal action of the belt. This allows the fingers to push glass particles from the slot bottom to leave the system. If damaged, the fingers can be replaced individually.
- The fingers are grouped in a transfer block which allows them to slide and follow the expansion and contraction of the belt.
- The Easy Lock pin retention allows easy installation and maintenance of the belt.

PROGRAMME	
2500 Solid Rib	The 20% open area combines optimum drainage with perfect support for the bottles. The ribbed design prevents broken glass to jam in the surface of the belt as with conventional Raised Rib designs
Positrack	Guiding lugs beneath the belt for accurate tracking of the belt in pasteurizer tunnels over the full length, allowing optimum use of the belt surface
Fingerplates	Transfer system for easy loading of products from and onto the belt

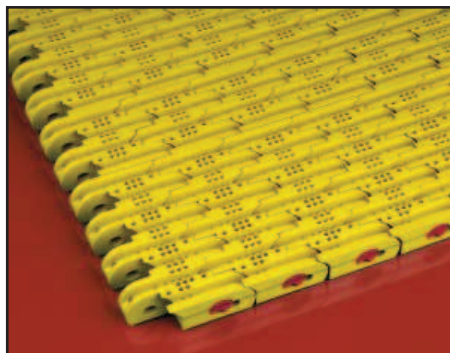


BOTTLE PASTEURIZER INFED WITH 2500 BELT

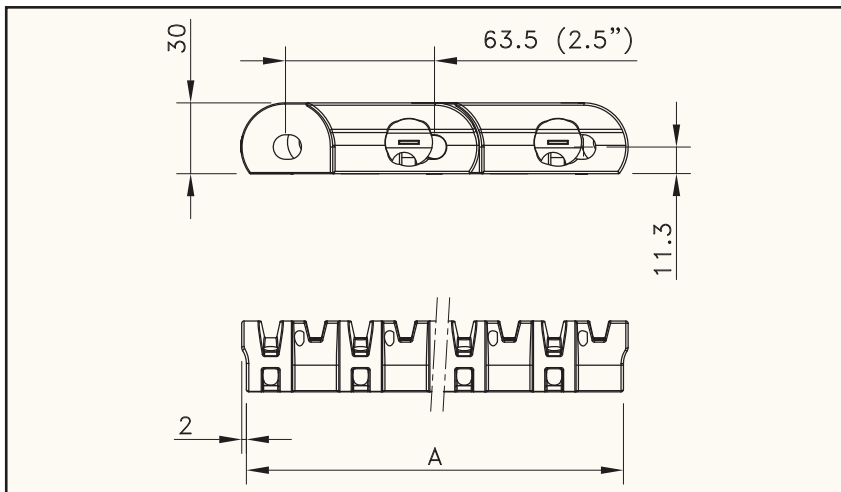


GLASS JARS PASTEURIZING ON 2500 BELT

2500-SERIES



**SOLID RIB
2500**

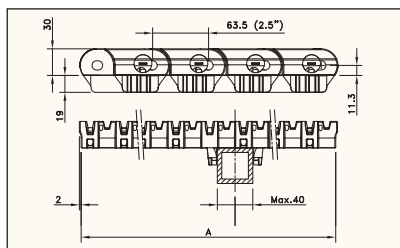
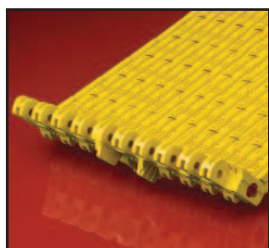


MATERIAL


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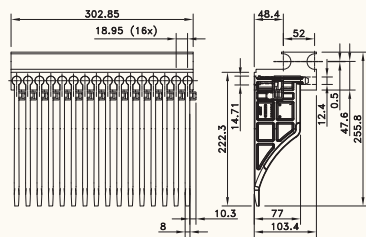
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
YPR-REINFORCED POLYPROPYLENE WITH REINFORCED POLYPROPYLENE PINS							
STANDARD	SR 2500 YPR	832.70.xx	4 to 104	4 to 104	47500	18.50	75
POSITRACK	SRP 2500 YPR 832.80.xx						


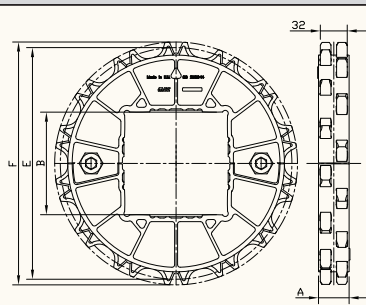
* In code numbers xx corresponds with the belt width (A), starting with 15 for 18", 16 for 21" and so on in steps of 3" up to 240". Other widths upon request. See also page 211.



SOLID RIB 2500 BELT WITH POSITRACK IN THE CENTER OF THE BELT OR 1.5" OFFSET, ONLY FOR CUT-TO-WIDTH BELTS

Product	Code nr.	Weight	Pitch	Length	
		kg	mm	mm	
FINGER TRANSFER SYSTEM					
BPR-POLYPROPYLENE					
MC 2500 mounting-block incl. 16 fingers	834.72.61	1.71	304.4	255.8	
Mounting-block	801.57.01	0.85	304.4	63.0	
RF 2500 BPR exchange set of 16 fingers	834.72.51	0.54	—	—	



Sprocket Type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width	
			B	E	F	A	
			mm	mm	mm	mm	
<div>MATERIAL</div> <div>pag. 214</div>							
SPLIT SPROCKET							
SQUARE BORE							
SS 2500 14-120x120 RPA	899.97.29	14	120	285.4	282.0	36	
							<div></div> <div></div>

MATERIAL

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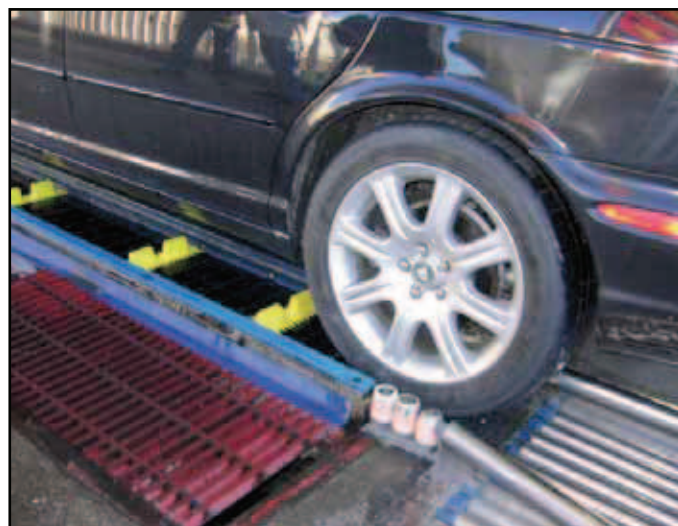
3120 SERIES MATTOP CHAINS

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.

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

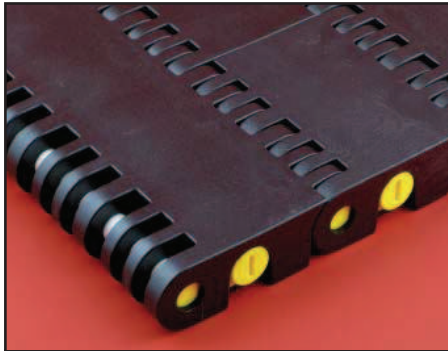


EXTERIOR CARWASH ENTRY 3125 BELT CONVEYOR WITH T2 PUCHERS

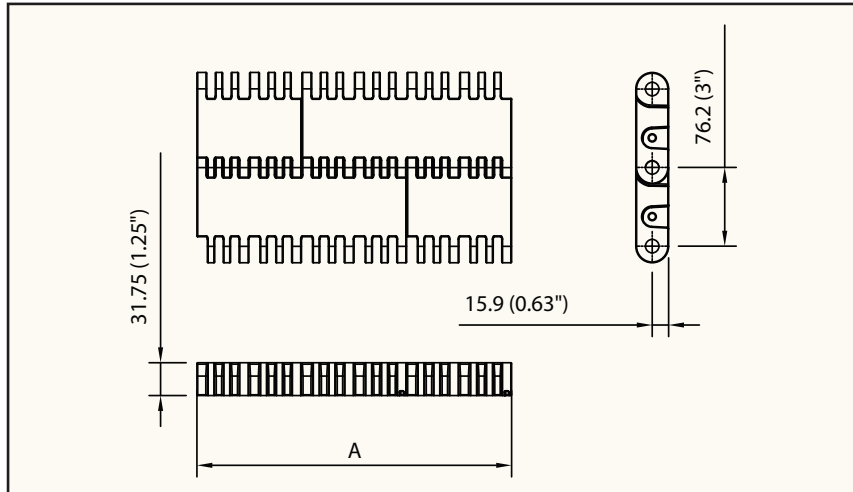


3125 END OF LINE INSPECTION BELT CONVEYOR WITH T2 DIN PUSHERS

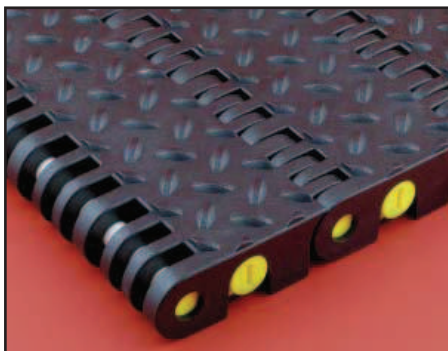
3120-SERIES



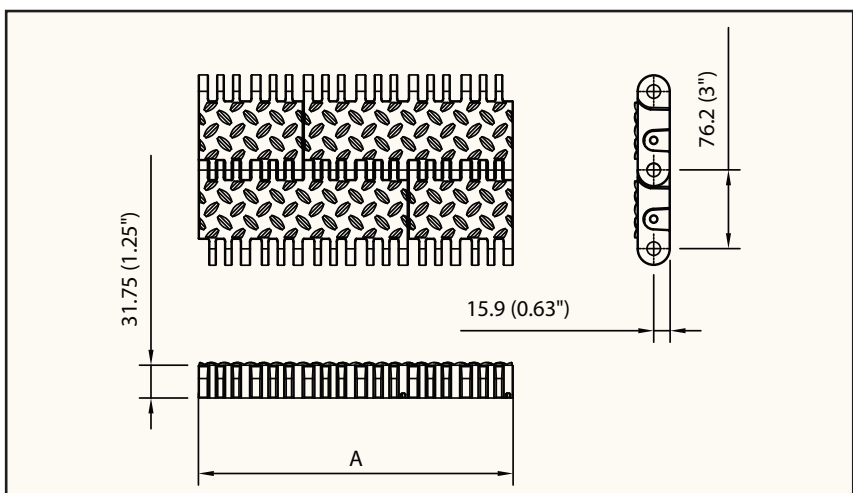
**SOLID TOP
3125**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
ACETAL WITH POLYESTER PINS							
STANDARD	BSM 3125	I3125BSMKxx	-30 to +80	up to 65	115000	31.10	76.2
STANDARD	BYSM 3125	I3125BYSMK					

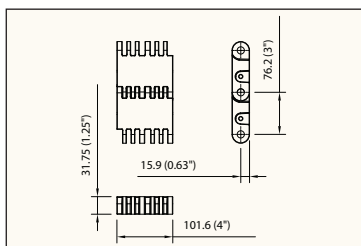
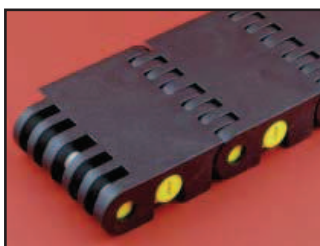


**SAFETYTOP
3129**



Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
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" execution are mold-to-width executions. See page 211.

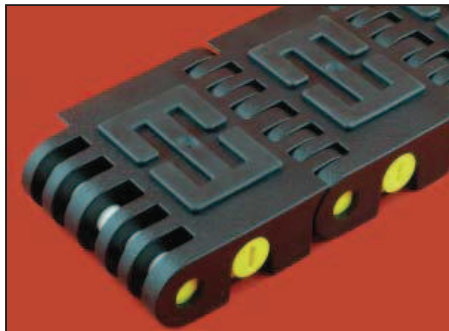


BSM3125-K4 MTW EXECUTION

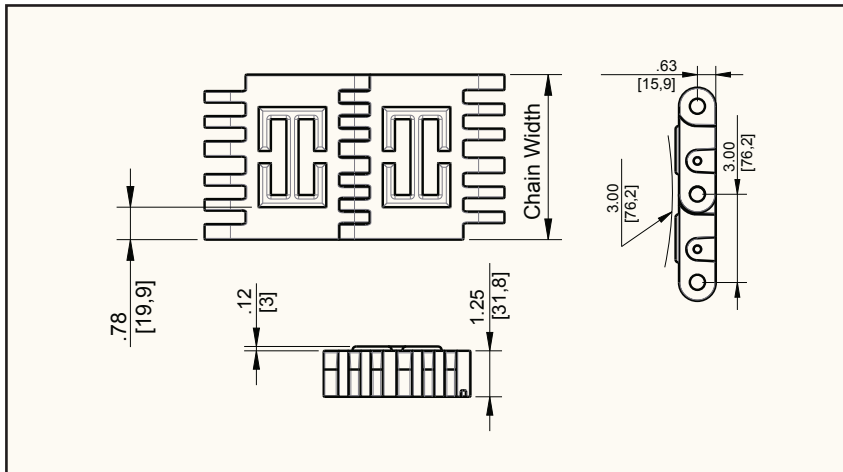
Belt can be equipped with T1 or T2 automotive pushers and or sideguards, please indicate pushers with T1 or T2 followed by the spacing of the pushers (e.g T18P means every 18th row). Indicate sideguard with SG40. Side indent to the pusher is minimum 1/2" with 2" increments.

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.

3120-SERIES


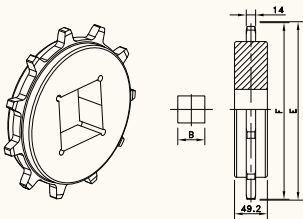

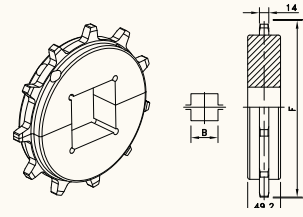


**RUBBER TOP
3125**



MATERIAL
pag. 213

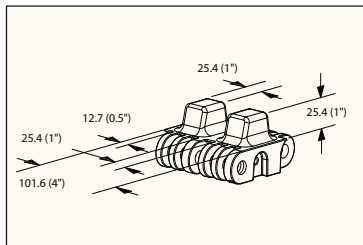
Assembly	Belt type	Code nr.*	Temperature range °C		Working load (max.) N/m (21°C)	Weight kg/m²	Backflex radius (min.) mm
			dry	wet			
ACETAL WITH POLYESTER PINS							
STANDARD	BSM 3125 RT-K4 MTW	876.29.10	-30 to +80	up to 65	115000	31,10	76,2

Type	Code nr.	Nr. of teeth	Bore B mm	Pitch diameter E mm	Outside diameter F mm	Hub width A mm	<div>MATERIAL</div> <div>pag. 209</div>	
CLASSIC SPROCKETS								
SQUARE BORE								
KU 3120 T09 S60	114-5171-8	9	60	222.8	218.9			47.8
KU 3120 T09 S90	114-5171-14	9	90					
KU 3120 T10 S60	114-5172-8	10	60	246.6	244.1			
KU 3120 T10 S90	114-5172-14	10	90					
KU 3120 T11 S60	114-5173-8	11	60	270.5	269.1			
KU 3120 T11 S90	114-5173-14	11	90					
SPLIT SPROCKETS								
SQUARE BORE								
KUS 3120 T09 S60	614-731-3	9	60	222.8	218.9			47.8
KUS 3120 T09 S90	614-731-9	9	90					
KUS 3120 T10 S60	614-732-3	10	60	246.6	244.1			
KUS 3120 T10 S90	614-732-9	10	90					
KUS 3120 T11 S60	614-733-3	11	60	270.5	269.1			
KUS 3120 T11 S90	614-733-9	11	90					

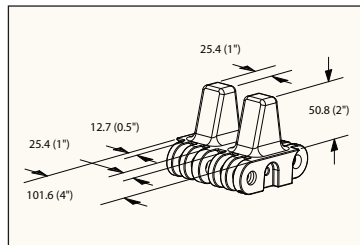
Other bores sizes (square and round) and number of teeth are available on request. Smallest possible sprocket has 8 teeth.
Stainless steel sprockets available upon request.



DIN STYLE PUSHER 3120



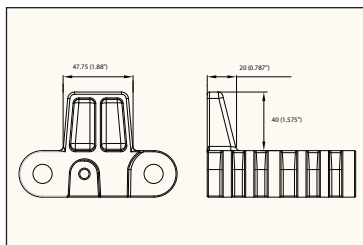
T1 DIMENSIONS



T2 DIMENSIONS



DIN STYLE SIDEGUARD 3120



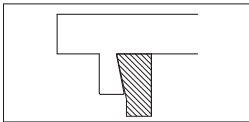
H40 DIMENSIONS

SIDEFLEXING MATTOP CHAINS

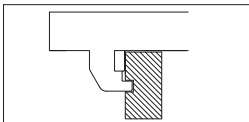
The sideflexing belts range exists of ½-inch pitch 505, 1¼-inch pitch 1200 and 1¼-inch pitch 7956 belts, offering a solution for almost any curved application. As a standard the belts are supplied in low friction acetal for beverage, in acetal or polypropylene.

FEATURES

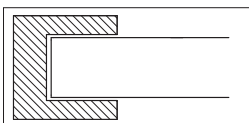
• In compliance with the industry standards, three curve guiding systems are offered:



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. Rexnord's 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 and RB
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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

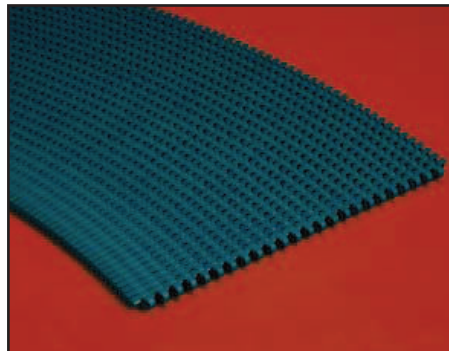


PACK CONVEYOR WITH 505 BELT

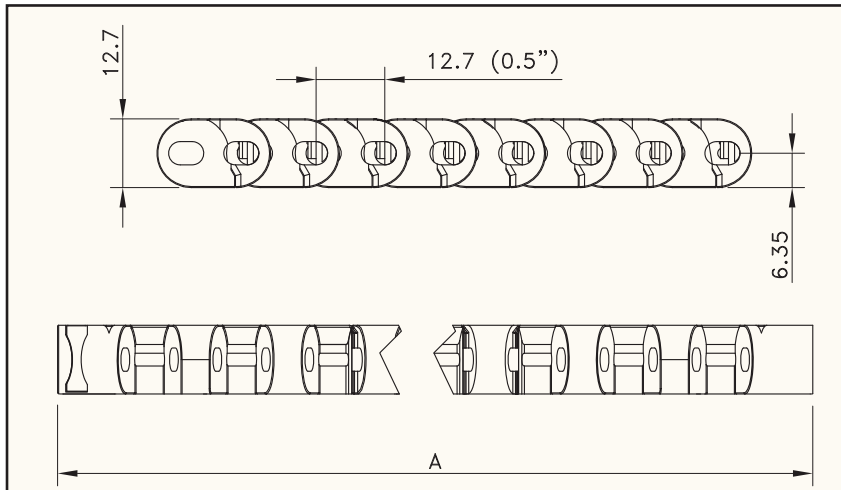


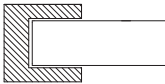
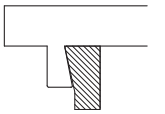
MODULAR BELT 1285

505-SERIES

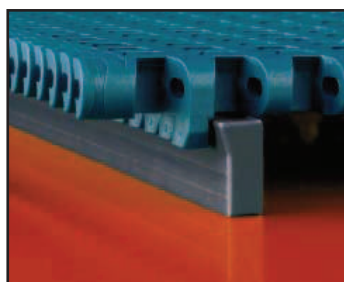


**RADIUS
505**

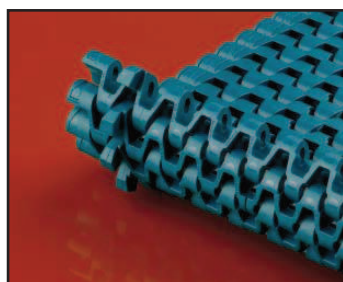


Assembly	Belt type	Code nr.*	Width	Sideflex radius inside (min.)	Working load (max.)		Temperature range °C		Weight	Backflex radius (min.)
			A		straight	in curve				
			mm	mm	N/m	N	dry	wet		
WITH SPECIAL REINFORCED PLASTIC PINS										
	RB 505 XLG 255	867.20.12	255	510	15000	1300	-40 to +80	-40 to +65	9.0	15
	RB 505 XLG 340	867.20.13	340	680						
	RB 505 XLG 425	867.20.14	425	850						
	RB 505 XLG 510	867.20.15	510	1020						
	RB 505 XLG 595	867.20.16	595	1190						
	RB 505 XLG 680	867.20.17	680	1360						
	RBP 505 XLG 255	867.30.12	255	510	15000	1300	-40 to +80	-40 to +65	9.0	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 PBT PINS										
FLAT	WSM 505 RB	868.20.xx	255 to 680	2x belt width	15000	1300	-40 to +80	-40 to +65	9.0	15
POSITRACK	WSM 505 RBP	868.30.xx								
SMB-ACETAL WITH PBT PINS										
FLAT	SMB 505 RB	867.10.xx	255 to 680	2x belt width	15000	1300	-40 to +80	-40 to +65	9.0	15
POSITRACK	SMB 505 RBP	868.50.xx								

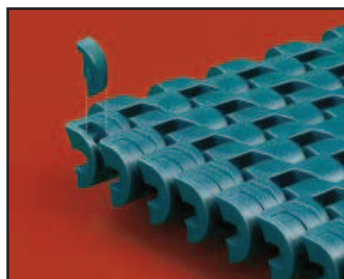
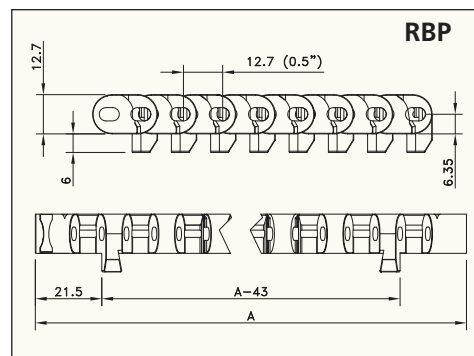
* In code numbers xx corresponds with the belt width (A), starting with 12 for 255 mm, 13 for 340 mm and so on with 85 mm increments up to 680 mm; wider belts available upon request. See also page 211.



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 2 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.

505-SERIES

Sprocket Type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width	MATERIAL
			B	E	F	A	
			mm/inch	mm	mm	mm	pag. 214

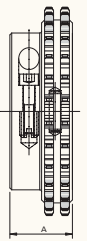
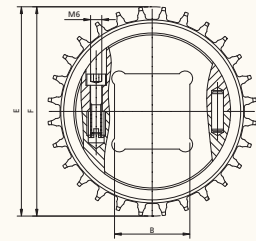
SPLIT SPROCKETS MACHINED

ROUND BORES

SS 505 28-25	894.26.16	28	25 mm	113.4	113.4	33.5
SS 505 28-30	894.26.17	28	30 mm			
SS 505 28-35	894.26.10	28	35 mm			
SS 505 28-1	894.26.41	28	1.0"			

SQUARE BORES

SS 505 28-25x25	894.26.26	28	25 mm	113.4	113.4	33.5
SS 505 28-30x30	894.26.27	28	30 mm			
SS 505 28-35x35	894.26.20	28	35 mm			
SS 505 28-1x1	894.26.56	28	1.0"			



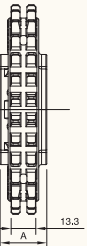
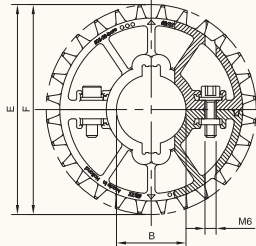
SPLIT SPROCKETS INJECTION MOULDED

ROUND BORES

SS 505 28-40	895.54.11	28	40 mm	113.4	113.4	25.5
SS 505 28-1 1/2	895.54.41	28	1.5"			

SQUARE BORES

SS 505 28-40x40	895.54.21	28	40 mm	113.4	113.4	25.5
SS 505 28-1 1/2x1 1/2	895.54.51	28	1.5"			



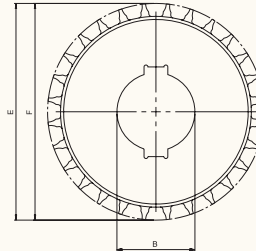
CLASSIC SPROCKETS

ROUND BORES

CS 505 28-25	894.25.16	28	25 mm	113.4	113.4	16.5
CS 505 28-30	894.25.17	28	30 mm			
CS 505 28-35	894.25.10	28	35 mm			
CS 505 28-40	894.25.11	28	40 mm			
CS 505 28-1	894.25.46	28	1.0"			
CS 505 28-1 1/2	894.25.41	28	1.5"			

SQUARE BORES

CS 505 28-25x25	894.25.26	28	25 mm	113.4	113.4	16.5
CS 505 28-30x30	894.25.27	28	30 mm			
CS 505 28-35x35	894.26.20	28	35 mm			
CS 505 28-40x40	894.25.21	28	40 mm			
CS 505 28-1x1	894.25.56	28	1.0"			
CS 505 28-1 1/2x1 1/2	894.25.51	28	1.5"			



Code nr.	Radius	Belt width	Height	Curve width	Angle	MATERIAL
	R	A		B		
	mm	mm	mm	mm		

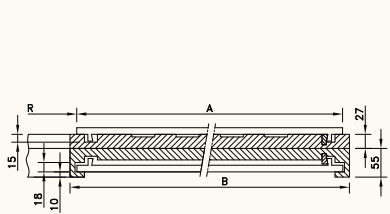
pag. 214

POSITRACK CURVES

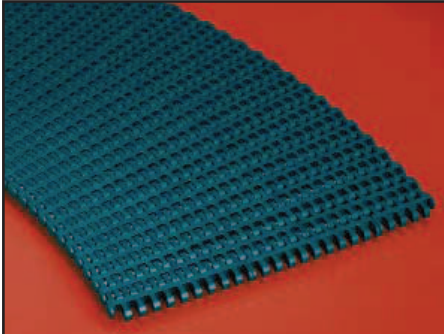
FOR 505

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	

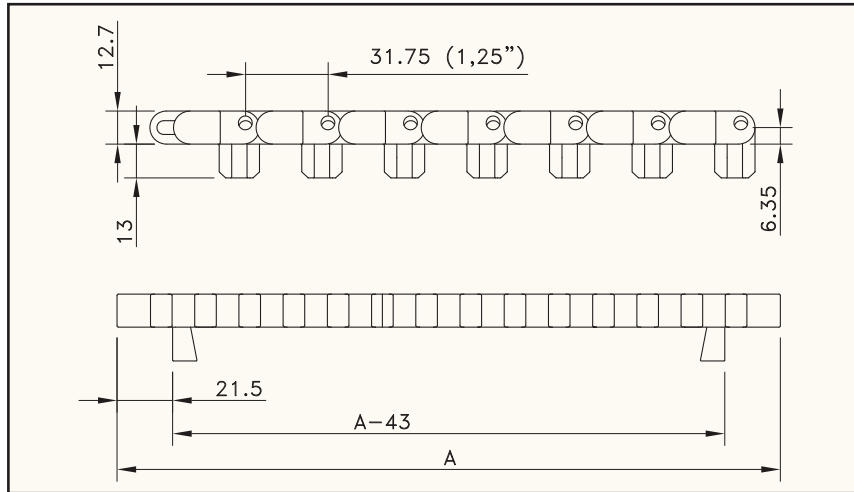
Other angles and non-standard positrack curves on request; these curves include a curve guiding profile.
Including 100 mm long straight sections at upper part.



1200-SERIES



**RADIUS
1255**



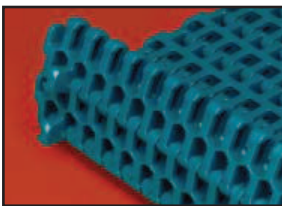
Assembly	Belt type	Code nr.*	Sideflex radius (min.)	Temperature range °C		Working load (max.)		Weight kg/m²	Backflex radius (min.) mm
			mm	dry	wet	straight	in curve		
						N/m	N		
XLG-ACETAL WITH PBT PINS									
POSITRACK TWO SIDES	RBP 1255 XLG	867.40.xx	2 x belt width	-40 to +80	-40 to +65	22000	2000	8.00	25
FLAT	RB 1255 XLG	867.70.xx		-40 to +65					
SUPERGRIP POSITRACK	SG 1255 XLG RBP	867.53.xx		-40 to +65					
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		4 to 65					
SUPERGRIP POSITRACK	SG 1255 WHT RBP	869.53.xx		4 to 65					
BHT-POLYPROPYLENE WITH PBT PINS									
FLAT	BHT 1255 RB	869.80.xx	2x belt width	4 to 80	4 to 65	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		-40 to +65					
SUPERGRIP POSITRACK	SG 1255 WSM RBP	868.63.xx		-40 to +65					
SMB-ACETAL WITH PBT PINS									
POSITRACK TWO SIDES	SMB 1255 RBP	868.70.xx	2x belt width	-40 to +80	up to 65	22000	2000	8.00	25
FLAT	SMB 1255 RB	869.10.xx		-40 to +80					

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

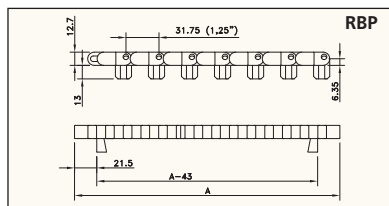
If you need flights, describe the belt by choosing from the required options listed in the 2nd column of the table:

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

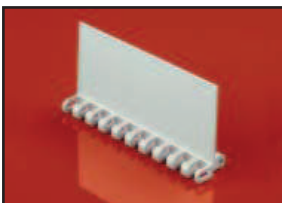
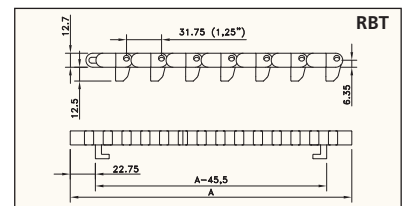
code nr. for special polyamide MCC3500 profile of 2 meters is 800.00.10, code for FDA approved MCC3600 polyester profile of 2 meters is 800.00.11.



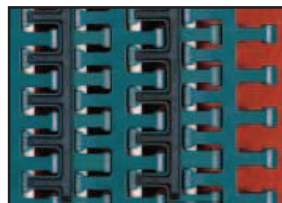
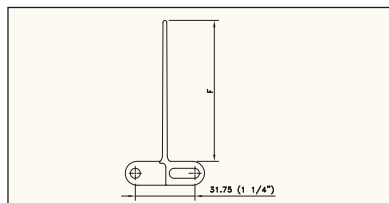
POSITRACK LUGS ON BOTH SIDES



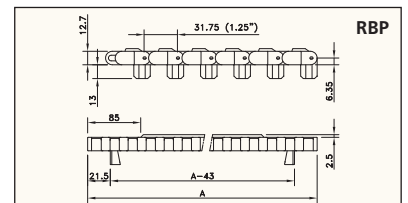
TABS ON BOTH SIDES



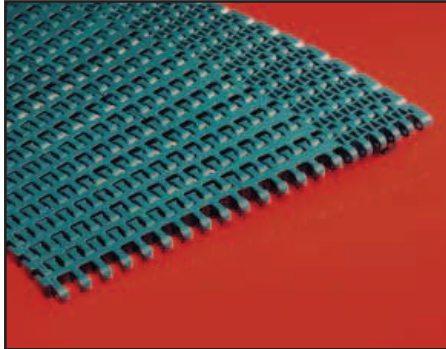
FLIGHT FOR ELEVATING
Not for use in the U.S.A.



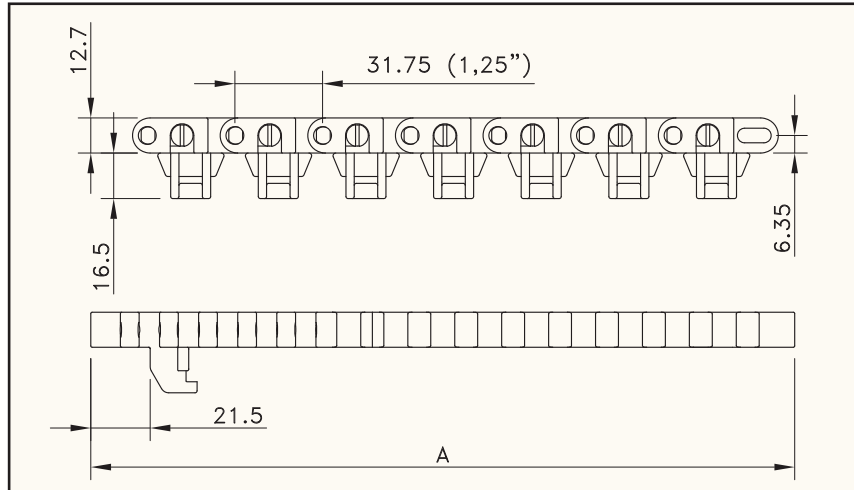
SUPERGRIP FOR INCLINED CONVEYING; STANDARD 100% RUBBER.


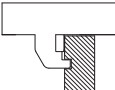
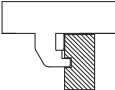


1200-SERIES



**RADIUS 1265
REINFORCED OUTER
MODULES**



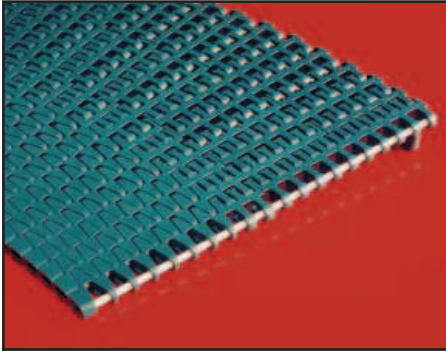
Assembly	Belt type	Code nr.	Width	Sideflex radius	Temperature range		Working load (max.)		Weight	Backflex radius	
			A	radius (min.)	°C		straight	in curve			
			mm	mm	dry	wet	N/m	N			kg/m²
XLG-ACETAL WITH PBT PINS											
	TABS/FLAT	RBT 1265 RB XLG/B 255	864.60.12	255	510	-40 to 80	-40 to +65	22000	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.

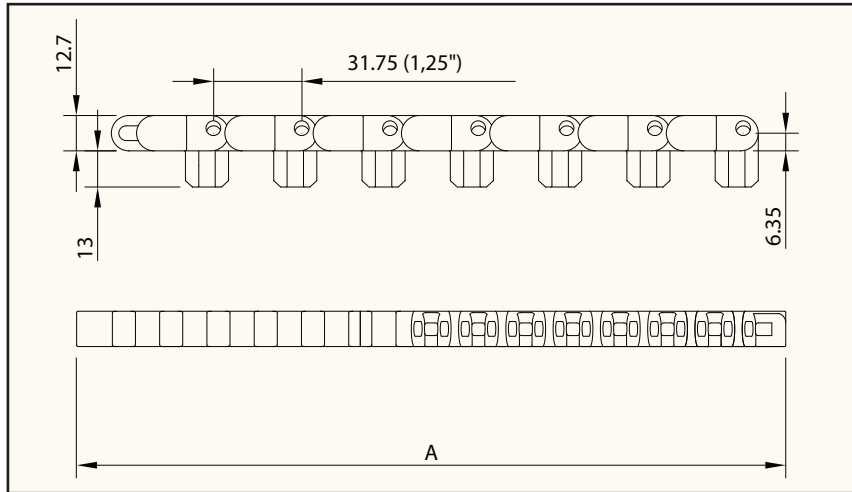
Code nr. for special polyamide profile of 2 meters is 800.00.21.





Not for use in the U.S.A.

1200-SERIES



RADIUS 1275 TIGHT RADIUS INNER MODULES



Assembly	Belt type	Code nr.	Width	Sideflex radius	Temperature range		Working load (max.)		Weight	Backflex radius
			A	radius (min.)	°C		straight	in curve		
			mm	mm	dry	wet	N/m	N		
XLG-ACETAL WITH PBT PINS										
	RB 1275 XLG 255	860.90.12	255	300	-40 to +80	-40 to +65	22000	2000	8.00	25
	RB 1275 XLG 340	860.90.13	340	400						
	RB 1275 XLG 425	860.90.14	425	500						
	RB 1275 XLG 510	860.90.15	510	600						
	RB 1275 XLG 595	860.90.16	595	720						
	RB 1275 XLG 680	860.90.17	680	880						
	RB 1275 XLG 765	860.90.18	765	1040						
WHT-POLYPROPYLENE WITH PBT PINS										
	WHT 1275 RB 255	860.70.12	255	300	4 to 80	4 to 65	11000	1200	5.20	25
	WHT 1275 RB 340	860.70.13	340	400						
	WHT 1275 RB 425	860.70.14	425	500						
	WHT 1275 RB 510	860.70.15	510	600						
	WHT 1275 RB 595	860.70.16	595	720						
	WHT 1275 RB 680	860.70.17	680	880						
	WHT 1275 RB 765	860.70.18	765	1040						
BHT-POLYPROPYLENE WITH PBT PINS										
	BHT 1275 RB 255	860.60.12	255	300	4 to 80	4 to 65	11000	1200	5.20	25
	BHT 1275 RB 340	860.60.13	340	400						
	BHT 1275 RB 425	860.60.14	425	500						
	BHT 1275 RB 510	860.60.15	510	600						
	BHT 1275 RB 595	860.60.16	595	720						
	BHT 1275 RB 680	860.60.17	680	880						
	BHT 1275 RB 765	860.60.18	765	1040						
WSM-ACETAL WITH PBT PINS										
	WSM 1275 RB 255	860.80.12	255	300	-40 to +80	-40 to +65	22000	2000	8.00	25
	WSM 1275 RB 340	860.80.13	340	400						
	WSM 1275 RB 425	860.80.14	425	500						
	WSM 1275 RB 510	860.80.15	510	600						
	WSM 1275 RB 595	860.80.16	595	720						
	WSM 1275 RB 680	860.80.17	680	880						
	WSM 1275 RB 765	860.80.18	765	1040						

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

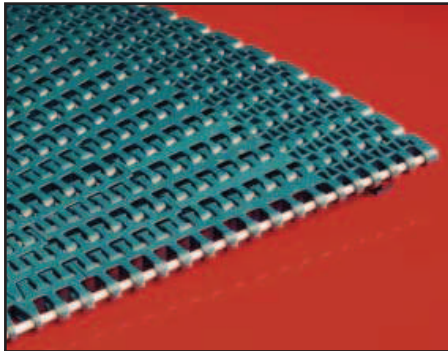
For 1275 belts with Positrack or tabs, please contact Customer Service.

Code nr. for special polyamide MCC3500 profile of 2 meters is 800.00.10.

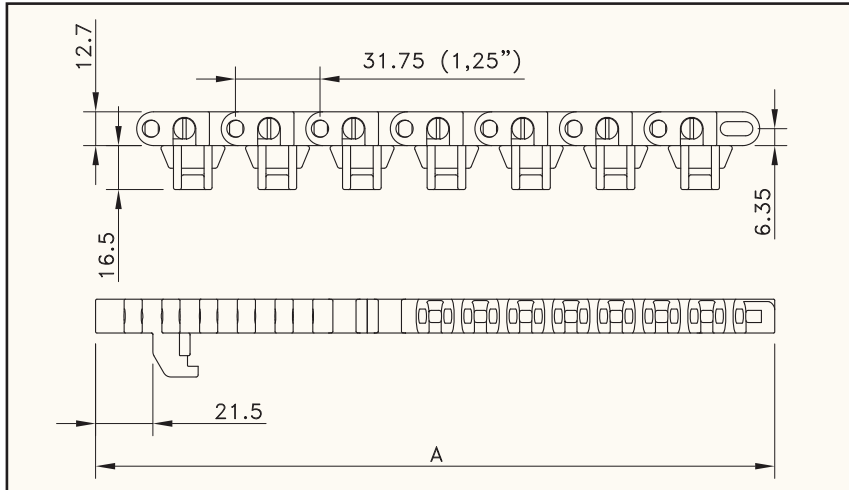
Code for FDA approved MCC3600 polyester profile of 2 meters is 800.00.11

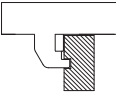
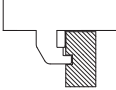
Not for use in the U.S.A.

1200-SERIES



**RADIUS 1285
REINFORCED OUTER AND
TIGHT FIT INNER MODULES**



Assembly	Belt type	Code nr.	Width	Sideflex radius	Temperature range		Working load (max.)		Weight	Backflex radius	
			A	(min.)	°C		straight	in curve			
			mm	mm	dry	wet	N/m	N			kg/m²
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						

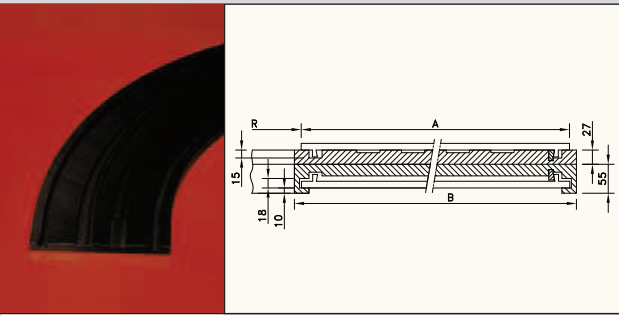
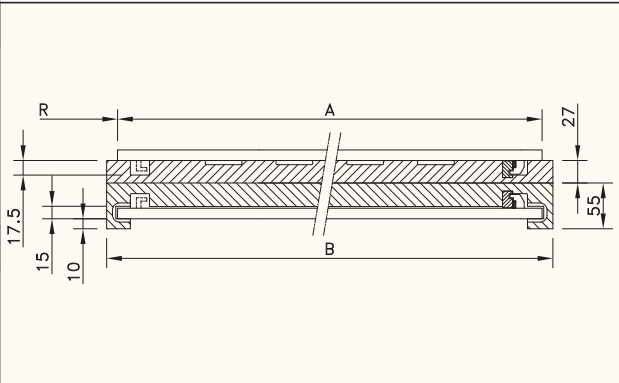
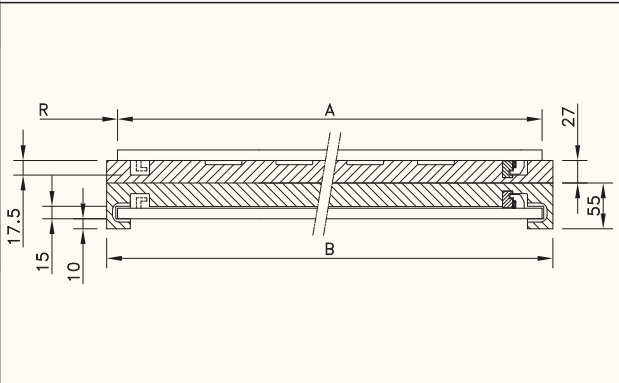
Other widths (17 mm increments from standard) available upon request. Code nr. for special polyamide profile of 2 meters is 800.00.21.

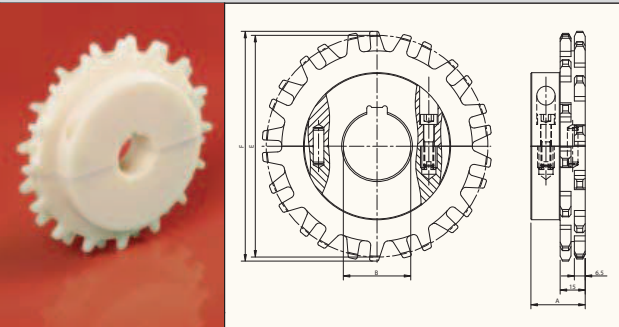
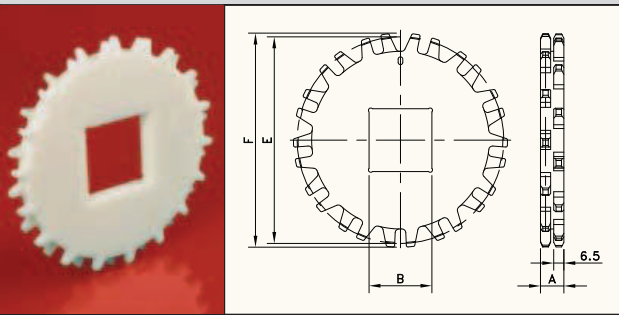
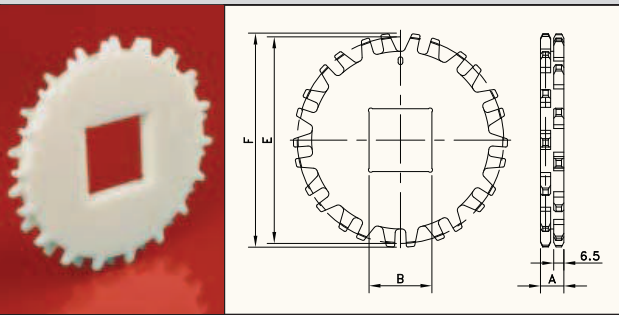
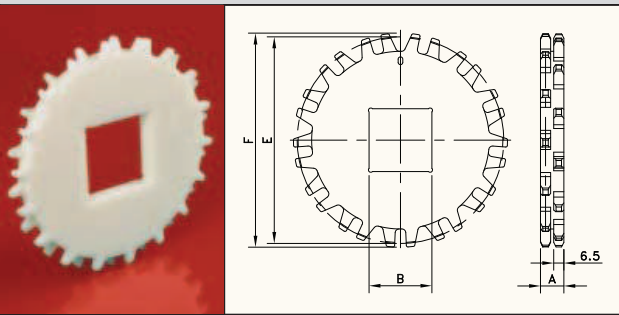
For 1285 belts with Positrack, please contact Customer Service.

Not for use in the U.S.A.



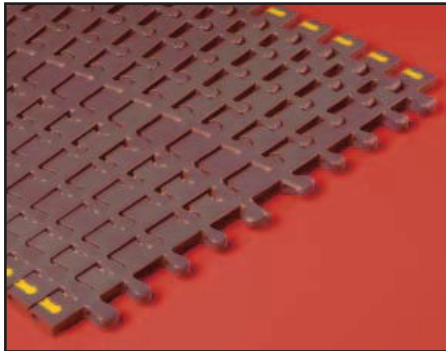
1200-SERIES

Code nr.	Radius R	Belt width A	Curve width B	Height	Angle	MATERIAL pag. 214
	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						<p>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.</p>
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			

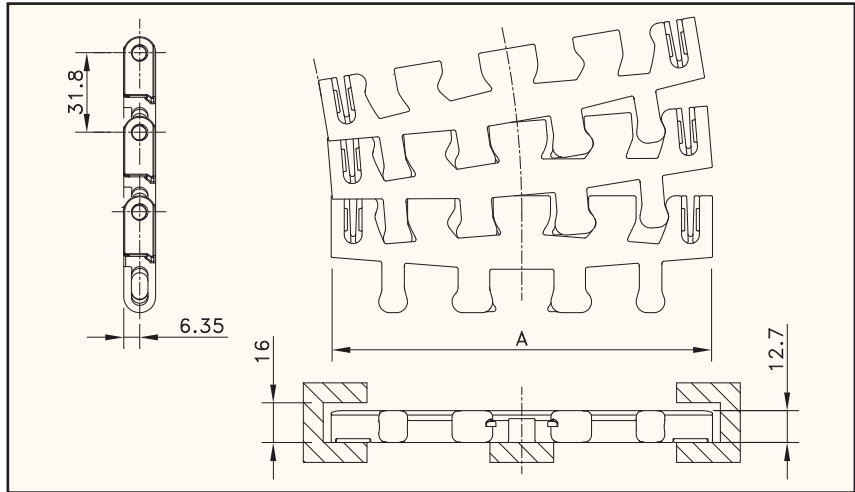
Sprocket Type	Code nr.	Nr. of teeth	Bore	Pitch diameter	Outside diameter	Hub width		MATERIAL pag. 214
			B mm	E mm	F mm	A mm		
SPLIT SPROCKETS								
ROUND BORES								
SS 1255 10-30	894.60.17	10	30	102.8	106.6	32.5		
SS 1255 13-40	894.64.11	13	40	132.7	137.5			
SS 1255 15-40	894.62.11	15	40	152.7	158.1			
SS 1255 16-40	894.66.11	16	40	162.8	168.3			
SQUARE BORES								
SS 1255 10-30x30	894.60.27	10	30	102.8	106.6	32.5		
SS 1255 13-40x40	894.64.21	13	40	132.7	137.5			
SS 1255 15-40x40	894.62.21	15	40	152.7	158.1			
SS 1255 16-40x40	894.66.21	16	40	162.8	168.3			
CLASSIC SPROCKETS								
ROUND BORES								
CS 1255 8-30	894.67.37	8*	30	83.0	85.4	15.0		
CS 1255 10-30	894.59.37	10	30	102.8	106.6			
CS 1255 13-40	894.63.31	13	40	132.7	137.5			
CS 1255 15-40	894.61.31	15	40	152.7	158.1			
CS 1255 16-40	894.65.31	16	40	162.8	168.3			
SQUARE BORES								
CS 1255 8-25x25	894.67.46	8*	25	83.0	85.4	15.0		
CS 1255 10-40x40	894.59.41	10	40	102.8	106.6			
CS 1255 13-40x40	894.63.41	13	40	132.7	137.5			
CS 1255 15-40x40	894.61.41	15	40	152.7	158.1			
CS 1255 16-40x40	894.65.41	16	40	162.8	168.3			




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

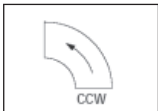
7956-SERIES



**RADIUS
7956**



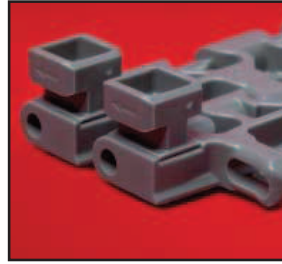
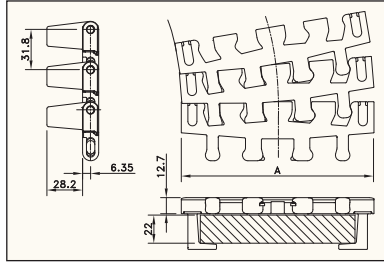
Assembly	Belt type		Code nr.	Width	Sideflex radius (min.)	Working load (max.)		Temperature range °C		Weight	Backflex radius (min.)	
				A		straight	in curve					
				inch	inch	N	N	dry	wet			kg/m²
HP-ACETAL WITH POLYPROPYLENE PINS												
FLAT	HP 7956 NT-K6		81417101	6	12	2000	2000	-40 to + 80	-40 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	-40 to + 80	-40 to +65	11.7	152	
	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								



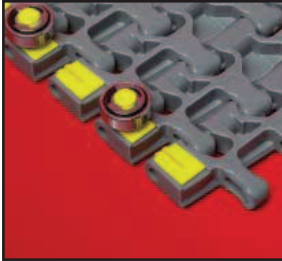
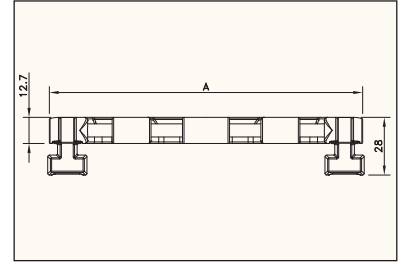
7956-SERIES



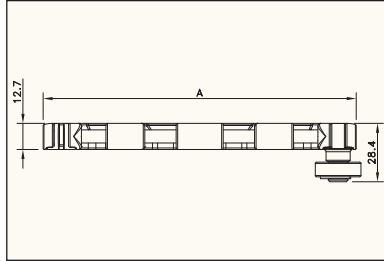
HOLD-DOWN TABS

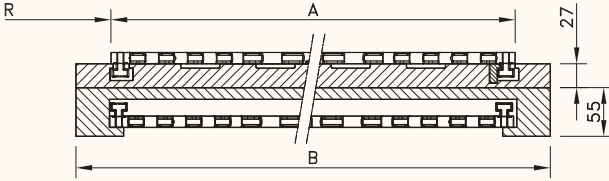



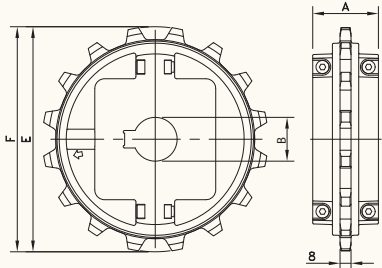

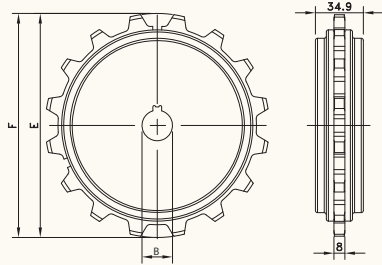
GT TABS



BEARINGS



Code nr.	Radius R	Belt width A	Curve width B	Height	Angle	<div>MATERIAL pag. 214</div>
	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						<p>Curves for 7956 GT include a special curve guiding profile. Other angles and non-standard tab curves on request.</p>
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 nr.	Nr. of teeth	Bore B	Pitch diameter E	Outside diameter F	Hub width A	MATERIAL pag. 214
			mm	mm	mm	mm	
SPLIT SPROCKETS							
ROUND BORES							 
NS 7956 T16 R25	614-169-4	16	25	162.7	163.2	48	
NS 7956 T16 R30	614-169-1	16	30				
NS 7956 T16 R35	614-169-3	16	35				
NS 7956 T16 R40	614-169-5	16	40				
SQUARE BORES							
NS 7956 T16 S40	614-170-3	16	40	162.7	163.2	48	
NS 7956 T16 S50	614-170-4	16	50				
NS 7956 T16 S60	614-170-2	16	60				
CLASSIC SPROCKETS							
ROUND BORES							 
KU 7956 T14 R30	114-4133-66	14	40	142.7	142.4	35	
KU 7956 T14 R40	114-4133-68	14	40				
SQUARE BORE							
KU 7956 T14 S40	114-4102-7	14	40	142.7	142.4	35	