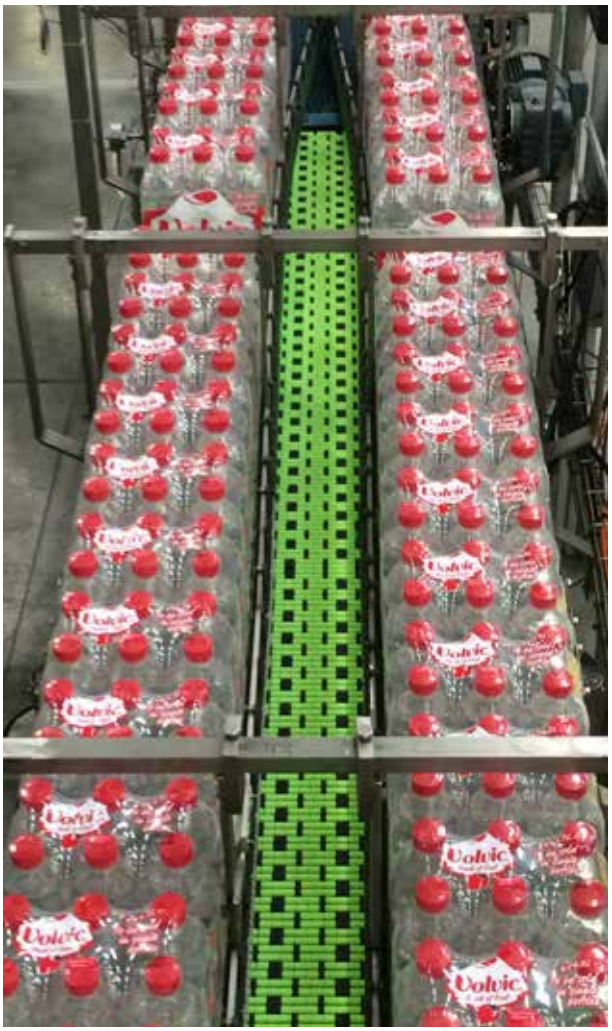
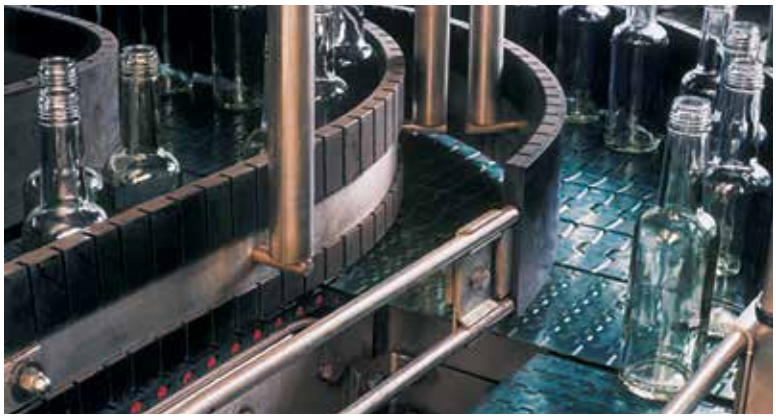
The 1005-Series 1-inch pitch heavy-duty belt combines a ½-inch thickness with a robust belt design and an all-round pitch, making it a versatile belt for amongst others beverage, glass manufacturing and packaging applications.
As a standard the belts are supplied in low friction acetal, extremely wear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

Features

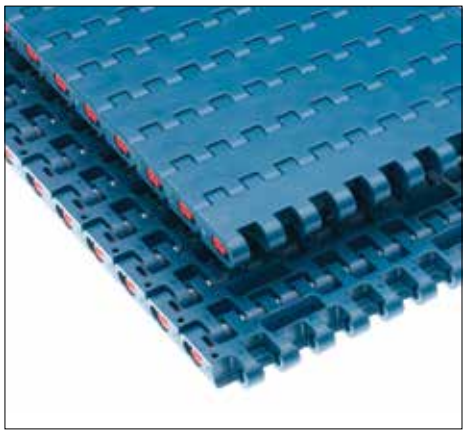
- Robust belt design and high strength to meet the most demanding applications in beverage, glass making and packaging.
- The revolutionary Easy Lock pin retention system in combination with the 2 module system makes the belt very easy to install and maintain.
- Rounded outside edges for better side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

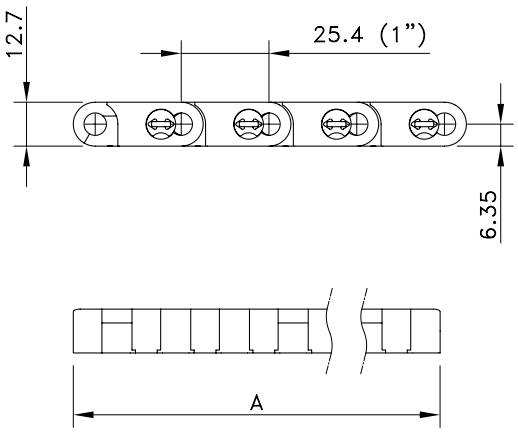
Programme	
1005 Flat Top (FT)	Closed surface; suitable for heavy duty glass handling applications and other abrasive environments
1005 SuperGrip (SG)	Execution with high friction rubber surface to handle packages on inclined, declined and metering conveyors; standard angles up to 20°. Special design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





FlatTop® 1005

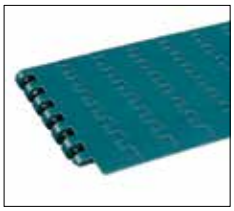


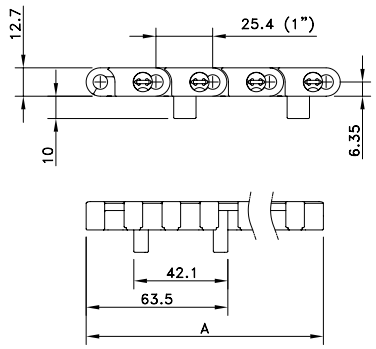


P. 169

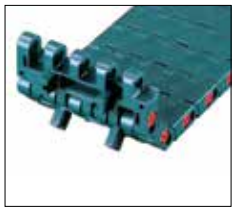
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	FT 1005 XLG	877.00.xx	–40 to +80	up to 65	35000	13.50	25
Double positrack	FTDP 1005 XLG	877.01.xx					
Double positrack, freeflow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

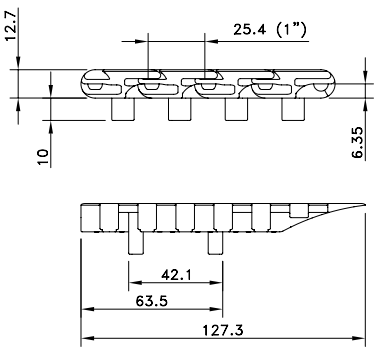
* In code numbers xx corresponds with the belt width (A), starting with 10 for 85 mm, 11 for 170 mm and so on in steps of 85 mm up to 6120 mm. Other sizes upon request. See page 208 for all code numbers.





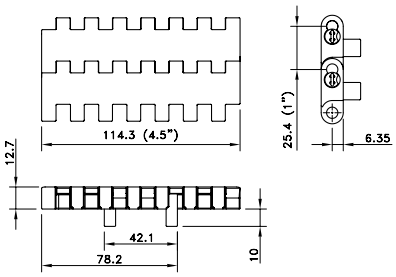
Flat Top 1005 heavy duty belt with integrated FreeFlow





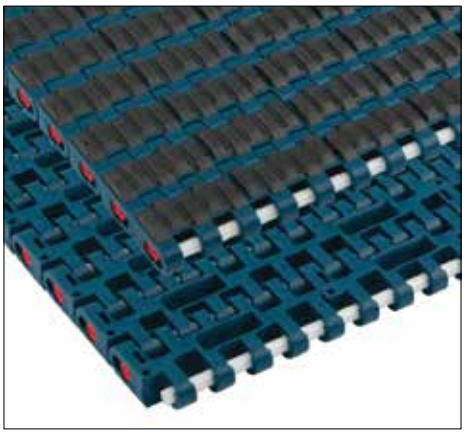
Flat Top 1005 heavy duty belt with Positrack

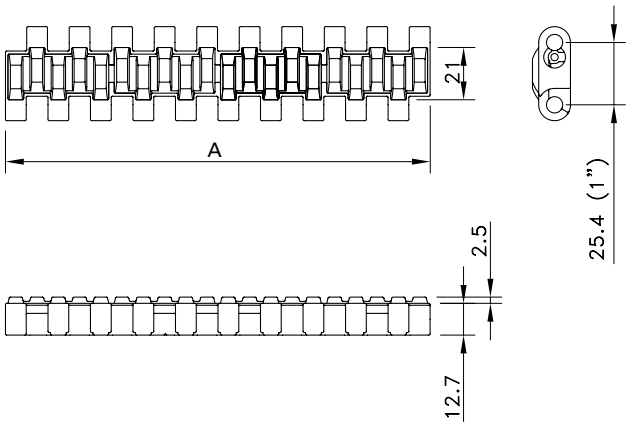
The double Positrack lugs are positioned on one side of the belt for precise transfer possibilities.



1005 Belt mould to width with double Positrack

Supergrip 1005

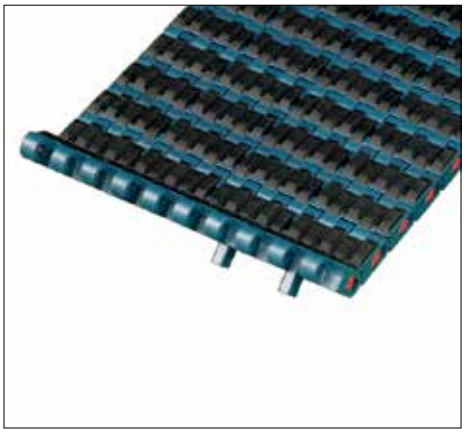


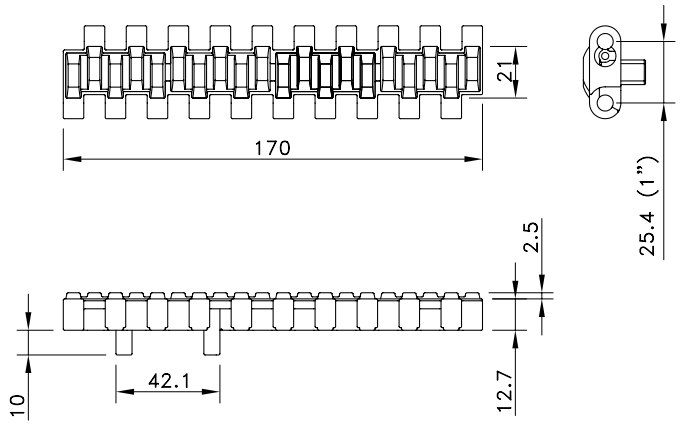


P. 169

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	XLG1005SGS	877.50.xx	–40 to +65	up to +65	35000	14.00	25
Double Positrack	XLG1000SG-XXMM_PT-1DP	877.51.xx					

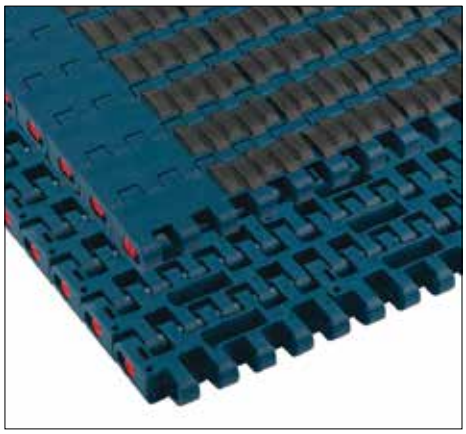
* In code numbers xx corresponds with the belt width (A), starting with 11 for 170 mm, 12 for 255 mm and so on with 85 mm increments up to 6120 mm; see also page 208. Standard 100% rubber; other percentages and sizes on request.
Rubber top is a black elastomere, with a hardness of 50 (XLG) shore A.

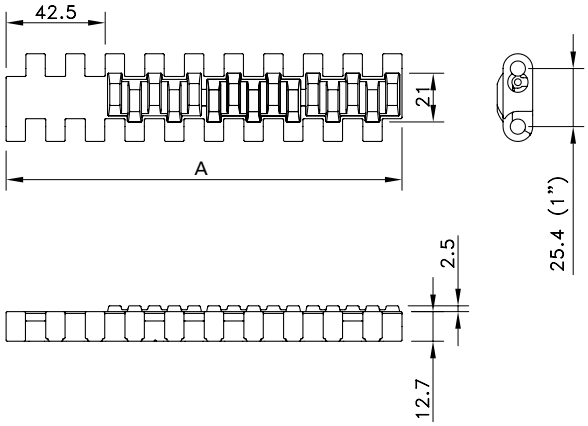




1005 supergrip belt with double positrack on one side of the belt

Supergrip Side-Indent 1005



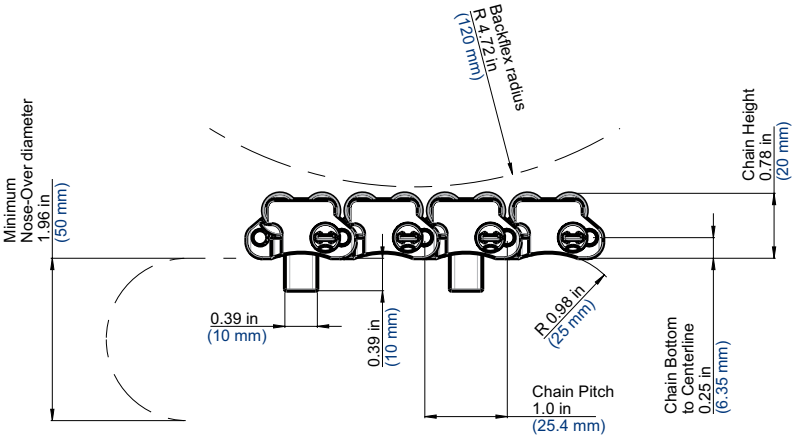


P. 169

Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLG-Acetal with PBT Pins							
Standard	XLG1005SGS	877.52.xx	-40 to +65	up to 65	35000	14.00	25
Double Positrack	XLG1000SG-XXMM_PT-1DP	877.53.xx					

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

XLBP 1005

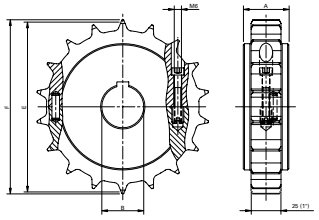


P. 169

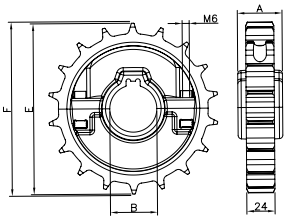
Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
XLA-Acetal with PBT Pins							
Standard	XLA1005XLBP	877.29.xx	-40 to +80	1 to 65	14000	18	120
Double Positrack	XLA1005XLBP_MM_PT-L	877.30.xx					

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

Split Sprockets and Idlers Machined



Split Sprockets and Idlers Moulded



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

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

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

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