

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

Customized for your application

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

Reliable operation

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

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



Conveyor equipped with Rexnord 1020 Series MatTop Chain

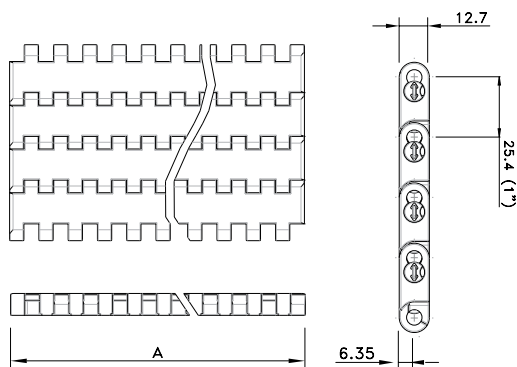
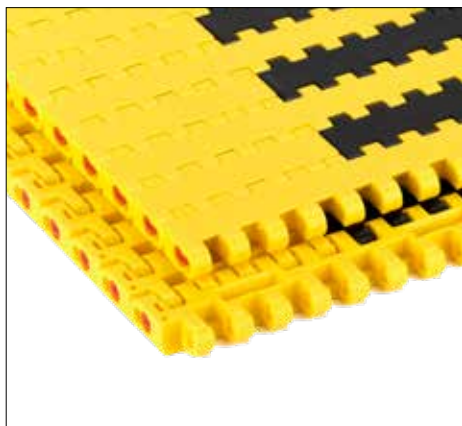
Product Information

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



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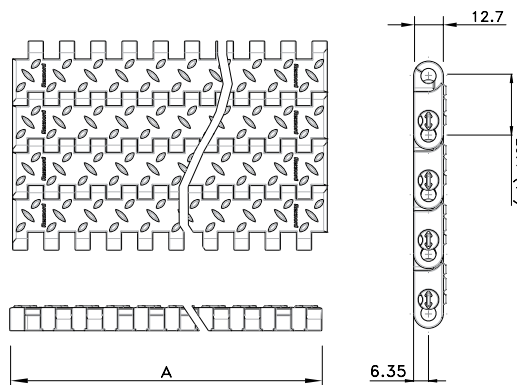
Solid Top 1025



Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m²	mm
HCAS-Acetal with PBT Pins							
Standard	HCAS1025	I1025HCASKXX	-18 to +80	-18 to +66	28000	13.50	25

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

Safety Top 1029

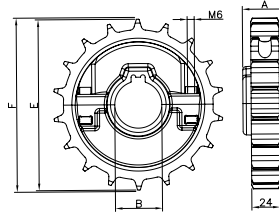
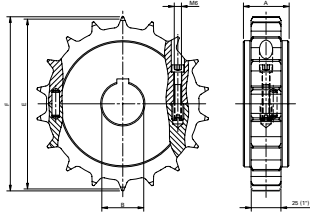


Assembly	Belt Type	Code Number*	Temperature range °C		Working Load (max.)	Weight	Backflex Radius (min.)
			Dry	Wet	N/m (21°C)	kg/m ²	mm
HCAS-Acetal with PBT Pins							
Standard	HCAS1029	I1029HCASKXX	-18 to +80	-18 to +82	28000	13.50	25

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

Split Sprockets and Idlers Machined

Split Sprockets and Idlers Moulded



Sprocket Type	Code Number	Number of Teeth	Bore	Pitch Diameter	OutKUSde Diameter	Hub Width
			B mm/inch	E mm	F mm	A 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	170.4	169.7	
KUS1005-21T_30MM_1KW_PA	10331515	21	30 mm		169.7	
KUS1005-21T_40MM_1KW_PA	10332229	21	40 mm	146.3	145.3	
KUS1005-18T_1IN_1KW_PA	10326649	18	1.0"		145.3	
KUS1005-18T_1-1/2IN_1KW_PA	10148136	18	1.5"	170.4	169.7	
KUS1005-21T_1IN_1KW_PA	10326647	21	1.0"		169.7	
KUS1005-21T_1-1/2IN_1KW_PA	10326987	21	1.5"		169.7	

Idlers

KUS1005-18T_30MM_I_PA	10148135	18	30 mm	146.3	145.3	38
KUS1005-18T_40MM_I_PA	10148134	18	40 mm	170.4	169.7	
KUS1005-21T_30MM_I_PA	10331517	21	30 mm		169.7	
KUS1005-21T_40MM_I_PA	10332231	21	40 mm	146.3	145.3	
KUS1005-18T_1IN_I_PA	10326650	18	1.0"		145.3	
KUS1005-18T_1-1/2IN_I_PA	10148138	18	1.5"	170.4	169.7	
KUS1005-21T_1IN_I_PA	10326648	21	1.0"		169.7	
KUS1005-21T_1-1/2IN_I_PA	10326988	21	1.5"		169.7	

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	