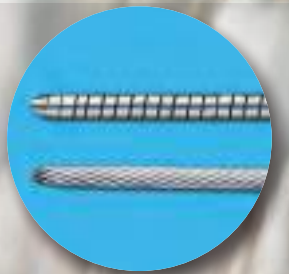


Catalogue 2015



Belt Lacing Systems for
High Tensile Conveyor Belts above 750 kN/m



Technology in Motion



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Belt Lacing Systems for High Tensile Conveyor Belts



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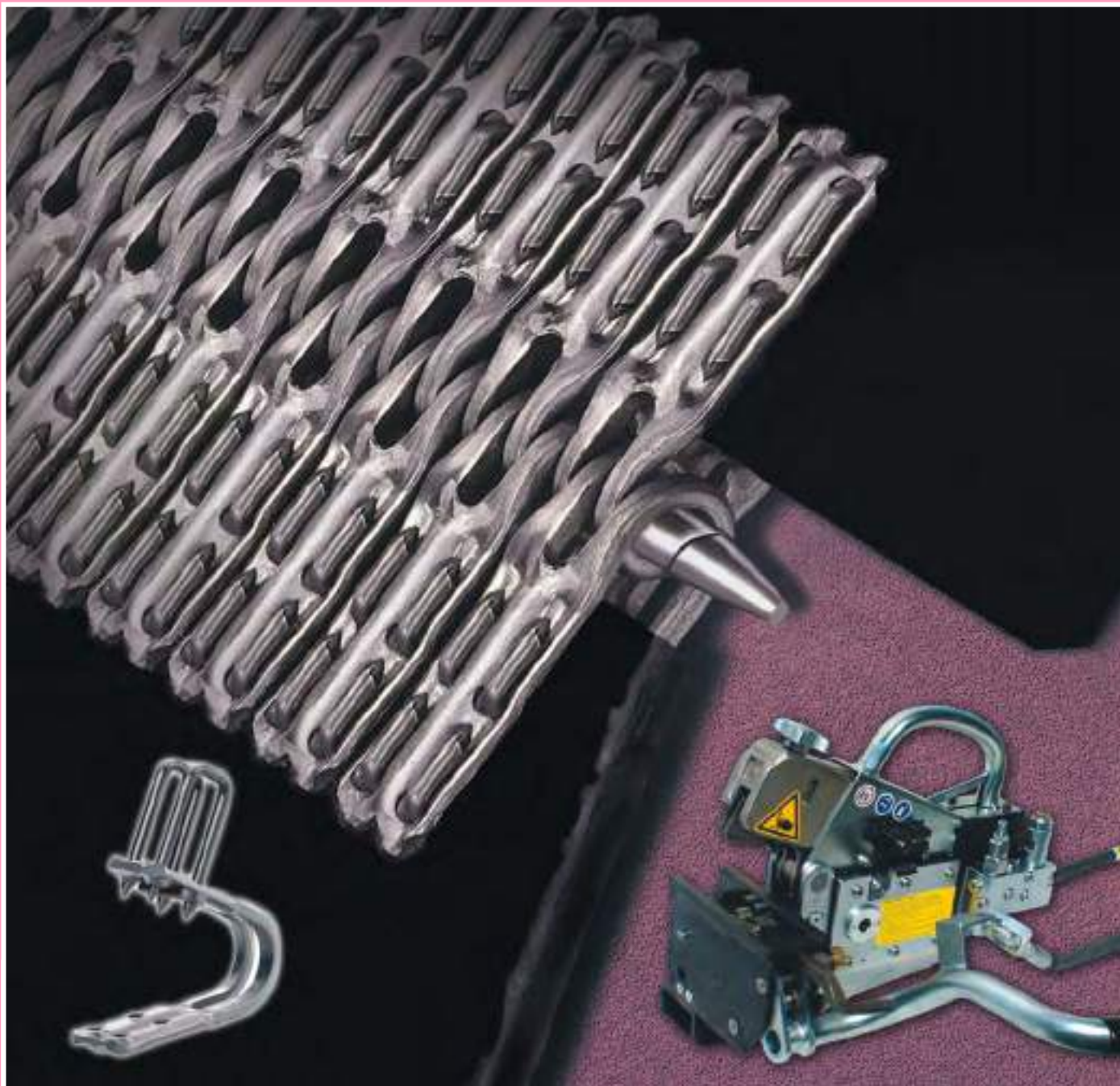


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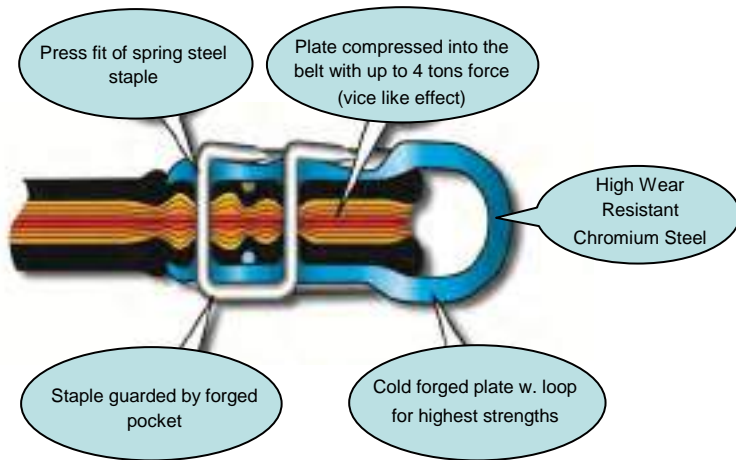
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Please note: pictures may differ from original product



Fasteners **U68** and **U68A** are another step-up compared to our U30 Fasteners, so far the safest and the highest performance mechanical Fasteners worldwide. The outstanding features of both types are:



Additionally, Fasteners **U68** and **U68A** have a deeper reachback and higher plate thickness, bringing even more safety and wear resistance.

The **S30S-System** is used in applications where higher corrosion is a problem. In comparison to U30, the S30S has stainless steel staples.

The **E30-System** is used in applications with regular and short runtime.

In comparison to U30, the E30 has special steel staples and carbon steel plates.

Belt Thickness (mm)															Belt Strength (kN/m)	Min. Drum Diameter	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	>18*			
U35A															up to 1050	250 mm	
S35AS																	
E35A																	
			U35												up to 1400	350 mm	
			S35BS														
			E35B														
				U37A											up to 1400	350 mm	
				S37AS													
				E37A													
					U37										up to 1400	350 mm	
					S37BS												
					E37B												
								S37CS							up to 3500	500 mm	
								E37C									
										U38A					up to 3500	500 mm	
											U38						
												U68A				up to 4000	600 mm
													U68				

Materials Plate / Staples:


Cr (S)- / Spring Steel

Cr (S)- / CrNi (SS) Steel

Carbon- / Special Steel

* Thicker belts can be skived (covers) to fit

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener U68A - Standard			
Belt Strength up to 4000 kN/m		Minimum Pulley Diameter 600mm	
up to 1000mm	12-15mm	41 168 15 00	4.8
up to 1200mm	12-15mm	41 168 15 12	5.6
up to 1400mm	12-15mm	41 168 15 14	6.5
Belt Fastener U68 - Standard			
Belt Strength up to 4000 kN/m		Minimum Pulley Diameter 600mm	
up to 1000mm	15-18mm	41 168 14 44	4.8
up to 1200mm	15-18mm	41 168 14 45	5.6
up to 1400mm	15-18mm	41 168 14 46	6.5



- High compression into the belt
- Press fit of staples
- Staple guard
- Cold forged plate with loops for highest strengths
- High wear resistant plate material (chromium steel)
- High tensile spring steel staples

Staple Material: **Spring Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete face of according belt width (without Connecting Pin)

Accessories

for Machine Installed System U68 (limited use with systems U30, S30S, E30)

Belt Width	Order No.	kg
Screw Clamping Frame SS 68 (Stainless Steel)		
up to 1000mm	41 129 44 05	29.6
up to 1200mm	41 129 44 07	33.6
up to 1400mm	41 129 44 08	36.2
Screw Clamping Frame MF 68 (Stainless Steel)		
up to 1000mm	42 160 20 03	39.6
up to 1200mm	42 160 20 02	43.3
up to 1400mm	42 160 20 01	47.4
Lacers with manual transport		
Pneumatic Lacer LM35-68	41 130 40 12	24.0
Hydraulic Lacer YM-D2S	41 304 44 00	21.7
Machine Skiver U68		
Machine Skiver XTV-BS Skiving on both sides	42 124 00 07	6.9
Machine Skiver XTV Skiving on one side	42 124 00 10	6.9

Connecting Pins see pages 14 - 19.

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener U35A - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	5 - 9 mm	41 114 14 29	2.6
up to 1200 mm	5 - 9 mm	41 114 14 30	3.1
up to 1400 mm	5 - 9 mm	41 114 14 31	3.6
Belt Fastener U35 - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	7 - 11 mm	41 114 07 16	2.7
up to 1200 mm	7 - 11 mm	41 114 07 12	3.2
up to 1400 mm	7 - 11 mm	41 114 07 10	3.7
Belt Fastener U37A - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	8 - 12 mm	41 114 15 54	3.2
up to 1200 mm	8 - 12 mm	41 114 08 12	3.8
up to 1400 mm	8 - 12 mm	41 114 08 16	4.5
Belt Fastener U37 - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	10 - 14 mm	41 114 00 18	3.2
up to 1200 mm	10 - 14 mm	41 114 00 15	3.9
up to 1400 mm	10 - 14 mm	41 114 00 12	4.5
Belt Fastener U38A - Standard			
Belt Strength up to 3500 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	12 - 15 mm	41 114 15 21	4.2
up to 1200 mm	12 - 15 mm	41 114 14 22	5.0
up to 1400 mm	12 - 15 mm	41 114 14 14	5.8
Belt Fastener U38 - Standard			
Belt Strength up to 3500 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	15 - 18 mm	41 114 14 16	4.2
up to 1200 mm	15 - 18 mm	41 114 14 19	5.0
up to 1400 mm	15 - 18 mm	41 114 17 82	5.9
Belt Fastener U35A+ - Sealed			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	5 - 9 mm	41 114 15 47	2.7
up to 1200 mm	5 - 9 mm	41 114 07 35	3.2
up to 1400 mm	5 - 9 mm	41 114 07 09	3.8
Belt Fastener U35+ - Sealed			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	7 - 11 mm	41 114 07 17	2.8
up to 1200 mm	7 - 11 mm	41 114 07 18	3.3
up to 1400 mm	7 - 11 mm	41 114 07 08	3.9
Belt Fastener U37A+ - Sealed			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	8 - 12 mm	41 114 15 55	3.3
up to 1200 mm	8 - 12 mm	41 114 15 56	4.0
up to 1400 mm	8 - 12 mm	41 114 15 59	4.6
Belt Fastener U37+ - Sealed			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	10 - 14 mm	41 114 00 21	3.4
up to 1200 mm	10 - 14 mm	41 114 00 22	4.0
up to 1400 mm	10 - 14 mm	41 114 00 24	4.7
Belt Fastener U38A+ - Sealed			
Belt Strength up to 3500 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	12 - 15 mm	41 114 15 22	4.3
up to 1200 mm	12 - 15 mm	41 114 14 18	5.2
up to 1400 mm	12 - 15 mm	41 114 14 15	6.1
Belt Fastener U38+ - Sealed			
Belt Strength up to 3500 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	15 - 18 mm	41 114 15 27	4.3
up to 1200 mm	15 - 18 mm	41 114 14 23	5.2
up to 1400 mm	15 - 18 mm	41 114 14 95	6.2



- High compression into the belt
- Press fit of staples
- Staple guard
- Cold forged plate with loops for highest strengths
- High wear resistant plate material (chromium steel)
- High tensile spring steel staples

Staple Material: **Spring Steel**
 Plate Material: **Stainless Chromium Steel**

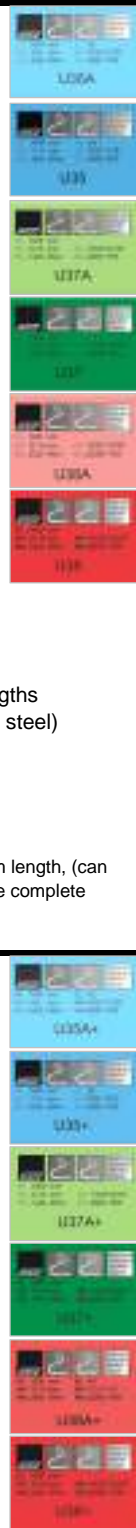
Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete lace of according belt width (without Connecting Pin)



- Sealing prevents spillage of the material and increases life of the Connecting Pin by a grease filling

Staple Material: **Spring Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete lace of according belt width (without Connecting Pin)



Belt Width	Belt Thickness	Order No.	kg
Belt Fastener S35AS - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	5 - 9 mm	41 114 07 68	2.6
up to 1200 mm	5 - 9 mm	41 114 07 50	3.1
up to 1400 mm	5 - 9 mm	41 114 07 44	3.6
Belt Fastener S35BS - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	7 - 11 mm	41 114 07 73	2.7
up to 1200 mm	7 - 11 mm	41 114 07 42	3.2
up to 1400 mm	7 - 11 mm	41 114 07 45	3.7
Belt Fastener S37AS - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	8 - 12 mm	41 114 07 56	3.2
up to 1200 mm	8 - 12 mm	41 114 07 48	3.8
up to 1400 mm	8 - 12 mm	41 114 07 46	4.5
Belt Fastener S37BS - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	10 - 14 mm	41 114 07 61	3.2
up to 1200 mm	10 - 14 mm	41 114 07 43	3.9
up to 1400 mm	10 - 14 mm	41 114 07 47	4.5
Belt Fastener S37CS - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	13 - 16 mm	41 114 07 80	3.4
up to 1200 mm	13 - 16 mm	41 114 07 81	4.1
up to 1400 mm	13 - 16 mm	41 114 07 64	4.8
Belt Fastener S35AS+ - Sealed			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	5 - 9 mm	41 114 07 69	2.7
up to 1200 mm	5 - 9 mm	41 114 07 70	3.2
up to 1400 mm	5 - 9 mm	41 114 07 85	3.7
Belt Fastener S35BS+ - Sealed			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	7 - 11 mm	41 114 07 74	2.8
up to 1200 mm	7 - 11 mm	41 114 07 75	3.3
up to 1400 mm	7 - 11 mm	41 114 07 66	3.9
Belt Fastener S37AS+ - Sealed			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	8 - 12 mm	41 114 07 57	3.3
up to 1200 mm	8 - 12 mm	41 114 07 58	4.0
up to 1400 mm	8 - 12 mm	41 114 07 67	4.6
Belt Fastener S37BS+ - Sealed			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	10 - 14 mm	41 114 07 62	3.4
up to 1200 mm	10 - 14 mm	41 114 07 63	4.0
up to 1400 mm	10 - 14 mm	41 114 07 83	4.7
Belt Fastener S37CS+ - Sealed			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	13 - 16 mm	41 114 17 48	3.6
up to 1200 mm	13 - 16 mm	41 114 17 49	4.3
up to 1400 mm	13 - 16 mm	41 114 07 84	5.0



- High compression into the belt
- Press fit of staples
- Staple guard
- Cold forged plate with loops for highest strengths
- High wear resistant plate material (chromium steel)
- Stainless Steel Staples

Staple Material: **Stainless Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete lace of according belt width (without Connecting Pin)




Sealing prevents spillage of the material and increases life of the Connecting Pin by a grease filling

Staple Material: **Stainless Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete lace of according belt width (without Connecting Pin)

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener E35A - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	5 - 9 mm	41 114 07 38	2.6
up to 1200 mm	5 - 9 mm	41 114 07 51	3.1
up to 1400 mm	5 - 9 mm	41 114 92 01	3.6
Belt Fastener E35B - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 1000 mm	7 - 11 mm	41 114 07 39	2.7
up to 1200 mm	7 - 11 mm	41 114 07 40	3.2
up to 1400 mm	7 - 11 mm	41 114 92 02	3.7
Belt Fastener E37A - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	8 - 12 mm	41 114 07 54	3.2
up to 1200 mm	8 - 12 mm	41 114 07 49	3.8
up to 1400 mm	8 - 12 mm	41 114 92 03	4.4
Belt Fastener E37B - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 1000 mm	10 - 14 mm	41 114 07 59	3.2
up to 1200 mm	10 - 14 mm	41 114 07 41	3.9
up to 1400 mm	10 - 14 mm	41 114 92 04	4.5
Belt Fastener E37C - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 500 mm	
up to 1000 mm	13 - 16 mm	41 114 07 76	3.4
up to 1200 mm	13 - 16 mm	41 114 07 77	4.1
up to 1400 mm	13 - 16 mm	41 114 92 05	4.7



- Light compression into the belt
- Staple guard
- Cold forged plate with loops
- High wear resistant plate material
- High tensile special steel staples

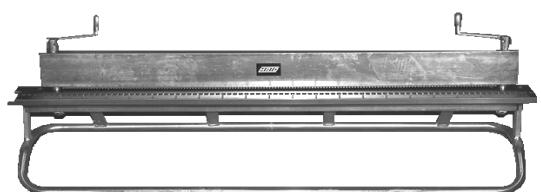
Staple Material: **Special Steel**
Plate Material: **Carbon Steel**

Units: based on boxes with Fastener Strips of 200mm length, (can be shortened individually). Content is sufficient for one complete lace of according belt width (without Connecting Pin)


Accessories

for Machine Installed Systems U30, S30S, E30

Belt Width	Order No.	kg
Screw Clamping Frame S		
up to 1000 mm	41 129 43 01	28.5
up to 1200 mm	41 129 44 01	32.5
up to 1400 mm	41 129 46 01	36.1
up to 1600 mm	41 129 47 01	40.0
Screw Clamping Frame SS (Stainless Steel)		
up to 1000 mm	41 129 44 05	29.6
up to 1200 mm	41 129 44 07	33.6
up to 1400 mm	41 129 44 08	36.2
up to 1600 mm	41 129 44 09	40.0











For use with Lacers HM, LM and YM-D2S as well as Skivers S and HD. For installation of Fastener series U30, S30S and E30



For use with Lacers HM, LM and YM-D2S as well as Skivers S and HD. For installation of Fastener series U30, S30S and E30

Connecting Pins and Accessories see pages 7 - 12, 14 - 19.

Belt Width	Order No.	kg	
Screw Clamping Frame MF (Stainless Steel - makes belt handling easier)			
bis 1200 mm	42 160 20 03	39.6	 <p>For use with Lacers HM, LM, and YM-D2S as well as Belt Skivers S, HD, XTV / XTV-BS. For installation of Fastener series U30, S30S, and E30. Quickens the installation process and minimizes errors</p>
bis 1400 mm	42 160 20 02	43.3	
bis 1600 mm	42 160 20 01	47.4	
Quick Clamping Frame SP			
bis 1000 mm	41 129 53 20	30.0	 <p>For use with Lacers HM, LM, and YM-D2S as well as Belt Skivers S and HD. For installation of Fastener series U30, S30S, and E30. Belt Clamping through prestressed Spring Assembly</p>
bis 1200 mm	41 129 54 20	34.0	
bis 1400 mm	41 129 56 20	38.0	
Lacers with manual transport			
Manual Lacer HM 35-38	41 129 40 02	15.8	 <p>For use with Frames S, SS, MF, and SP. The Manual Lacer HM 35-38 installs all Fasteners of the series U30, S30S, E30. Driven by manual force</p>
Pneumatic Lacer LM 35-38	41 129 40 30	24.0	 <p>For use with Frames S, SS, MF, and SP. The Pneumatic Lacer LM 35-38 installs all Fasteners of the series U30, S30S, E30. Driven by compressed air 4-8bar</p>
Hydraulic Lacer YM-D2S 35-68	41 304 44 00	21.7	 <p>For use with Frames S, SS, MF, and SP. The Hydraulic Lacer YM-D2S 35-68 installs all Fasteners of the series U30, U68, S30S, E30. Driven by hydraulic power. Pressure range 120-160 bar / 8l/min. Incl. Storage case, see page 9</p>








Description	Order No.	kg	
Storage Case			
Storage Case YM-D2S 470 x 248 x 348 mm (LxWxH)	41 304 44 01	9.8	 <p>Solid sheet metal Storage Case - it will ensure safe transport and storage of the Lacer YM-D2S. It comes with a hinged cover and 2 swivelling handles. Measurements inside 470 x 248 x 348 mm (LxWxH)</p>
Hydraulic Power Pack for Lacer YM-D2S 35-68			
Compact-Hydraulic Power Pack YM-D2S 400V/50Hz/3Phases	41 304 44 12	27.7	 <p>Compact-Hydraulic Power Pack specially aligned for use with the Lacer YM-D2S 35-68. Dual-circuit Power Pack with 120/140 bar, available in different electrical types. Suitable for continuous use with Lacer YM-D2S 35-68.</p>
Compact-Hydraulic Power Pack YM-D2S 110V/60Hz/1Phase	41 304 44 13	34.8	
Compact-Hydraulic Power Pack YM-D2S 220V/60Hz/1Phase	41 304 44 14	34.4	
Transport and Storage Cases for Tools			
Storage Case 1400 1700 x 440 x 490 mm (LxWxH)	41 127 00 01	67.0	 <p>Solid metal sheet Storage Case, for safe transportation and storage of equipment. It comes with a hinged cover and 2 swivelling handles. Internal measurements 1700 x 440 x 490 mm (LxWxH)</p>






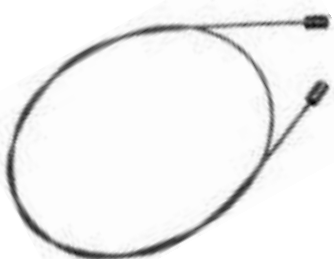

Accessories





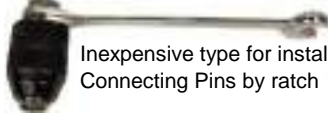



for Machine Installed Systems U30, S30S, E30

Ex I M2 c



Belt Thickness	Order No.	kg	
Machine Skiver S			
Machine Skiver S 5-20 mm	42 123 00 04	6.9	<p>In order to reduce top layer thickness of conveyor belts. To use with Frames S, SS, MF, and SP. Belt thickness range 5-20mm. Crank Drive.</p>  <p>Skiver Blade S for Machine Skiver</p>
Skiver Blade S	42 123 00 06	0.1	
Machine Skiver HD			
Machine Skiver HD 15-30 mm	42 124 00 04	6.9	<p>In order to reduce top layer thickness of conveyor belts. To use with Frames S, SS, MF, and SP. Belt thickness range 15-30mm. Crank Drive.</p>  <p>Skiver Blade HD for Machine Skiver</p>
Skiver Blade HD	42 123 02 00	0.1	
Machine Skiver XTV-BS			
Machine Skiver XTV-BS 7-31 mm	42 124 00 07	7.1	<p>In order to reduce top layer thickness of conveyor belts. To use with Frames S, SS, MF, and SP. Belt thickness range 7-31mm. Skiving on both sides at once only possible with Frame MF. Skiver Blade XTV can be adjusted to the skiving width, it enables cleaner friendly skiving. Crank Drive.</p>  <p>Skiver Blade XTV for Skiver XTV-BS</p>
Machine Skiver XTV Skiving on one side	42 124 00 10	6.9	
Skiver Blade XTV	42 123 01 14	0.1	
Skiver Blade BS	42 123 01 12	0.1	 <p>Skiver Blade BS for Skiver XTV-BS</p>

Description	Order No.	kg	
Wave Master Systems WSS and Optimat			
Wave Master Kit (Metal Box) V2 (Clamping Unit with Quick Clamping Device, 20 Tension Ropes with one end, safety ferrule (2600 mm), Pincer and Distance Holder)	41 129 58 22	3.8	 <p>In order to minimize wave and bowing when installing machine fasteners</p>
WSS-Installation Unit (PU= 10 pieces)	43 121 34 40	0.7	 <p>WSS-Installation Unit consists of Clamping Unit und Clamping Piece</p>
Tension Ropes with one end safety ferrule (PU= 20 pieces) L=1800 mm	43 121 34 36	0.8	 <p>Tension Ropes for WSS-Installation Unit</p>
Tension Ropes with one end safety ferrule (PU= 20 pieces) L=2600 mm	43 121 34 56	1.1	
Optimat Installation Unit (Measuring and Tensioning Block)	43 122 10 20		 <p>In order to minimize wave and bowing when installing machine fasteners with high belt strengths</p>
Optimat Pincer	43 122 10 14	0.4	 <p>For cutting Optimat Tension Ropes</p>
Tension Ropes with two end safety ferrule Width 1000 (PU = 2 pieces)	43 122 10 15	0.2	 <p>Tension Ropes for Optimat Installation Unit</p>
Tension Ropes with two end safety ferrule Width 1200 (PU = 2 pieces)	43 122 10 04	0.2	
Tension Ropes with two end safety ferrule Width 1400 (PU = 2 pieces)	43 122 10 05	0.3	
Setting Gauge for Lacers and Skivers			
Setting Gauge for Lacers and Skivers	43 122 10 10	0.3	 <p>Setting Gauge for all types of Lacers and Machine Skivers S and HD</p>

Description	Order No.	kg	
Mark and Cut			
Belt Marker	46 000 07 60	0.1	<p>Belt Marker permanently marks conveyor belts. Marking depth approx. 0.8 mm, width approx. 2.0 mm</p> 
Belt Knife (incl. 5 Spare Blades)	42 123 00 00	0.1	
Installation Tools for Connecting Pins			
Hammer Pin Driver for Plain Connecting Pins	42 123 00 27	1.1	 <p>Ex I M2 c</p>
Inserting Tool for Screw Connecting Pins	42 123 00 03	1.4	 <p>Ex I M2 c</p> <p>To install Screw Connecting Pins</p>
Insert Ratchet Eco for Screw Connecting Pins	42 123 00 07	0.9	 <p>Inexpensive type for installing Screw Connecting Pins by ratch</p>
Screw Pin Inserting Tool SS2 for Screw Connecting Pins	42 123 03 00	3.3	<p>To install Screw Connecting Pins. Both-sided quick chuck for counter-clockwise and clockwise rotation. Working pressure 4 - 6 bar</p>  <p>Ex I M2 c</p>
Belt Skiving			
Power Tool (230V/50Hz) for Skiving Blade fls e	42 160 10 20	1.8	 <p>without skiver blade</p>
flsBlade e H30/60-2 2 mm Skiving Depth	42 160 10 12	0.1	<p>Blade for Power Tool, available in 3 different skiving depths: 2 mm, 3 mm, and 4 mm</p> 
flsBlade e H30/60-3 3 mm Skiving Depth	42 160 10 13	0.1	
flsBlade e H30/60-4 4 mm Skiving Depth	42 160 10 14	0.1	

MATO Connecting Pins are aligned in design and material composition to MATO Fasteners. Choosing the right Connecting Pin is important for reaching the optimum performance of the splice in your application.

Selection Chart Connecting Pin Size																
Belt Thickness (mm)																Belt Strength (kN/m)
5	6	7	8	9	10	11	12	13	14	15	16	17	18	>18*		
U35A, S35AS, E35A, H35AS, H35AE P1... P2...																up to 1050
MR35A L1, P1E																
U35, S35BS, E35B, H35BS, P1. P2...																
U37A, S37AS, E37A, P2... P3...																up to 1400
MR37A L2, P2E																
U37, S37BS, E37B, H37BS, P2. P3...																
S37CS, E37C P3...																
H67CS, H67CE P4...																up to 1800
H67DS, H67DE P4..., P5E																
U38A, U68A P3... P4.																up to 4000
U38, U68 P4...																

* Thicker belts can be skived (covers) to fit.

Selection Chart Connecting Pin Type							
Connecting Pin type	High Belt Tension	Trough	No Trough	Rust Resistance	Chemical Resistance	Abrasion Resistance (Life Time)	Magnetism
L...	good	good	acceptable	good	poor	acceptable	highly magnetic
P...E	very good	very good	very good	acceptable	poor	good	magnetic
P...S	very good	very good	very good	very good	acceptable	good	magnetic
P...C	very good	very good	very good	excellent	very good	very good	slightly magnetic
P...K	excellent	very good	very good	acceptable	poor	excellent	magnetic

L... - Design



P... - Design



High Tensile Galvanized Cable


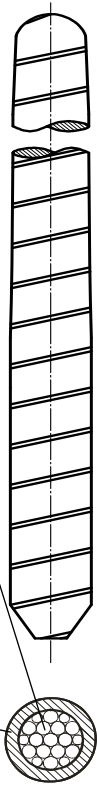
High Tensile Stainless Chromium-Nickel Cable

P...E - Special Steel



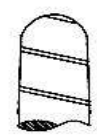
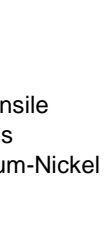
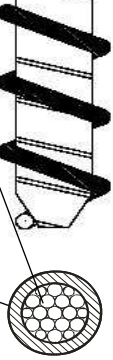
P...S - Stainless Chromium Steel

P...C - Stainless Chromium-Nickel Steel


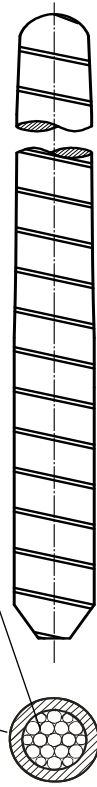
P...K - High Wear Resistant Steel

Length	Order No.	kg	
Connecting Pins P1K			
Min. Diameter 5,3 mm			
735 mm	42 140 07 35	0.1	
785 mm	42 139 20 17	0.1	
885 mm	42 140 08 85	0.2	
985 mm	42 139 20 18	0.2	
1035 mm	42 140 10 35	0.2	
1185 mm	42 139 20 19	0.2	
1335 mm	42 140 13 35	0.2	
1385 mm	42 139 20 20	0.2	
1585 mm	42 140 15 85	0.3	
Connecting Pins P2K			
Min. Diameter 6,4 mm			
735 mm	42 131 07 35	0.2	
785 mm	42 131 08 00	0.2	
885 mm	42 131 08 85	0.2	
985 mm	42 131 10 00	0.2	
1035 mm	42 131 10 50	0.3	
1185 mm	42 131 12 00	0.3	
1335 mm	42 131 13 35	0.3	
1385 mm	42 131 14 00	0.4	
1585 mm	42 131 15 85	0.4	
Connecting Pins P3K			
Min. Diameter 7,1 mm			
735 mm	42 139 07 35	0.2	<p>High Tensile Stainless Chromium- Nickel Steel</p> <p>High Wear Resistant Steel</p>
785 mm	42 139 20 25	0.2	
885 mm	42 139 08 85	0.3	
985 mm	42 129 25 81	0.3	
1035 mm	42 139 10 35	0.3	
1185 mm	42 129 25 84	0.3	
1335 mm	42 139 13 35	0.4	
1385 mm	42 129 25 87	0.4	
1585 mm	42 129 26 04	0.5	
Connecting Pins P4K			
Min. Diameter 8,9 mm			
735 mm	42 133 07 35	0.3	<p>Highest wear resistance</p> <p>Excellent for high belt tension</p> <p>very good for - trough / no trough</p>
785 mm	42 133 08 00	0.4	
885 mm	42 133 08 85	0.4	
985 mm	42 133 10 00	0.4	
1035 mm	42 133 10 35	0.5	
1185 mm	42 133 12 00	0.5	
1335 mm	42 133 13 35	0.6	
1385 mm	42 133 14 00	0.6	
1585 mm	42 129 29 09	0.7	

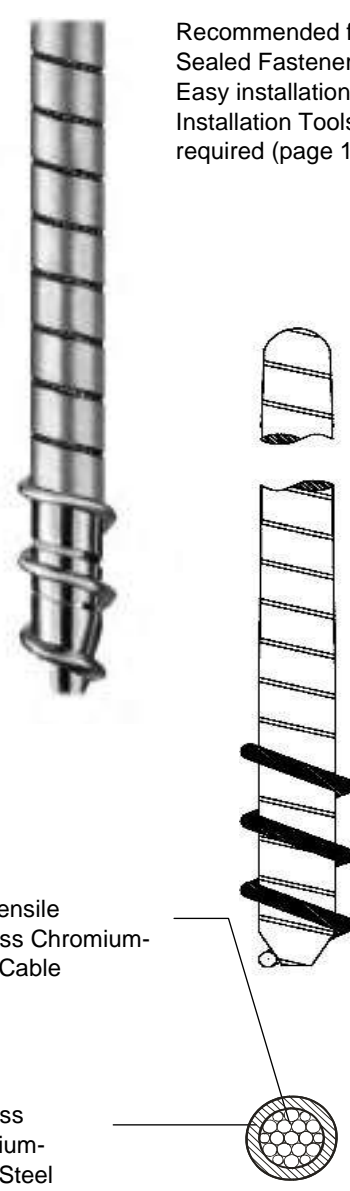
Installation Tools for Connecting Pins see page 12

Length	Order No.	kg	
Connecting Pins P1KG			
Min. Diameter 5.3 mm			
750 mm	42 129 20 73	0.1	 <p>Recommended for Sealed Fasteners. Easy installation, Installation Tools required (page 12)</p>
800 mm	42 139 20 21	0.1	
900 mm	42 139 09 00	0.2	
1000 mm	42 139 20 22	0.2	
1050 mm	42 139 10 50	0.2	
1200 mm	42 139 20 23	0.2	
1350 mm	42 139 13 50	0.2	
1400 mm	42 139 20 24	0.2	
1600 mm	42 139 16 00	0.3	
Connecting Pins P2KG			
Min. Diameter 6.4 mm			
750 mm	42 132 07 50	0.2	 
800 mm	42 132 08 00	0.2	
900 mm	42 132 09 00	0.2	
1000 mm	42 132 10 00	0.3	
1050 mm	42 132 10 50	0.3	
1200 mm	42 132 12 00	0.3	
1350 mm	42 132 13 50	0.3	
1400 mm	42 132 14 00	0.4	
1600 mm	42 132 16 00	0.4	
Connecting Pins P3KG			
Min. Diameter 7.1 mm			
750 mm	42 129 25 38	0.2	  <p>High Tensile Stainless Chromium-Nickel Steel</p> <p>High Wear Resistant Steel</p>
800 mm	42 139 20 26	0.2	
900 mm	42 129 25 39	0.3	
1000 mm	42 129 25 82	0.3	
1050 mm	42 129 26 05	0.3	
1200 mm	42 129 25 85	0.3	
1350 mm	42 129 26 06	0.4	
1400 mm	42 129 25 88	0.4	
1600 mm	42 129 26 03	0.5	
Connecting Pins P4KG			
Min. Diameter 8.9 mm			
750 mm	42 134 07 50	0.3	<p>Highest wear resistance</p> <p>Excellent for high belt tension</p> <p>very good for - trough / no trough</p>
800 mm	42 134 08 00	0.4	
900 mm	42 134 09 00	0.4	
1000 mm	42 134 10 00	0.4	
1050 mm	42 134 10 50	0.5	
1200 mm	42 134 12 00	0.5	
1350 mm	42 134 13 50	0.6	
1400 mm	42 134 14 00	0.6	
1600 mm	42 134 16 00	0.7	


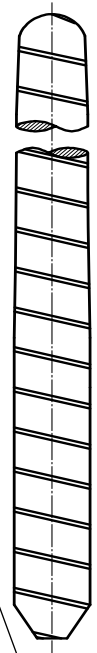

Installation Tools for Connecting Pins see page 12

Length	Order No.	kg	
Connecting Pins P1C			
Min. Diameter 5.3 mm			
735 mm	42 127 01 59	0.1	
785 mm	42 127 01 35	0.1	
885 mm	42 127 00 32	0.2	
985 mm	42 127 01 30	0.2	
1035 mm	42 127 01 33	0.2	
1185 mm	42 127 01 34	0.2	
1335 mm	42 127 00 41	0.2	
1385 mm	42 127 00 37	0.2	
1585 mm	42 127 00 38	0.3	
Connecting Pins P2C			
Min. Diameter 6.4 mm			
735 mm	42 128 00 16	0.2	
785 mm	42 128 00 13	0.2	
885 mm	42 128 00 06	0.2	
985 mm	42 128 09 86	0.3	
1035 mm	42 128 00 04	0.3	
1185 mm	42 128 00 02	0.3	
1335 mm	42 128 00 08	0.3	
1385 mm	42 128 00 12	0.4	
1585 mm	42 128 00 03	0.4	
Connecting Pins P3C			
Min. Diameter 7.1 mm			
735 mm	42 129 24 80	0.2	<p>High Tensile Stainless Chromium- Nickel Steel</p> <p>Stainless Chromium- Nickel Steel</p>
785 mm	42 129 24 92	0.2	
885 mm	42 129 24 81	0.3	
985 mm	42 129 24 99	0.3	
1035 mm	42 129 24 82	0.3	
1185 mm	42 129 27 42	0.3	
1335 mm	42 129 24 83	0.4	
1385 mm	42 129 24 93	0.4	
1585 mm	42 129 24 95	0.5	
Connecting Pins P4C			
Min. Diameter 8.5 mm			
735 mm	42 129 25 92	0.3	<p>Very high wear resistance</p> <p>Highest level of corrosion resistance as well as chemical resistance</p> <p>Very good for - high belt tension - trough / no trough</p> <p><i>slightly magnetic</i></p>
785 mm	42 129 25 96	0.3	
885 mm	42 129 25 93	0.4	
985 mm	42 129 25 48	0.4	
1035 mm	42 129 25 94	0.4	
1185 mm	42 129 25 49	0.5	
1335 mm	42 129 25 67	0.5	
1385 mm	42 129 25 97	0.6	
1585 mm	42 129 29 07	0.6	

Installation Tools for Connecting Pins see page 12

Length	Order No.	kg	
Connecting Pins P1CG			
Min. Diameter 5.3 mm			
750 mm	42 129 20 59	0.1	 <p>Recommended for Sealed Fasteners. Easy installation, Installation Tools required (page 12)</p> <p>High Tensile Stainless Chromium-Nickel Cable</p> <p>Stainless Chromium-Nickel Steel</p>
800 mm	42 129 20 42	0.1	
900 mm	42 129 20 58	0.2	
1000 mm	42 129 20 40	0.2	
1050 mm	42 129 20 32	0.2	
1200 mm	42 129 20 41	0.2	
1350 mm	42 129 20 60	0.2	
1400 mm	42 129 20 43	0.2	
1600 mm	42 129 20 53	0.3	
Connecting Pins P2CG			
Min. Diameter 6.4 mm			
750 mm	42 128 21 16	0.2	<p>Very high wear resistance</p> <p>highest level of corrosion resistance as well as chemical resistance</p> <p>very good for - high belt tension - trough / no trough</p> <p>slightly magnetic</p>
800 mm	42 128 21 04	0.2	
900 mm	42 129 21 10	0.2	
1000 mm	42 128 21 03	0.3	
1050 mm	42 128 20 94	0.3	
1200 mm	42 128 20 95	0.3	
1350 mm	42 128 21 15	0.3	
1400 mm	42 128 21 05	0.4	
1600 mm	42 128 21 12	0.4	
Connecting Pins P3CG			
Min. Diameter 7.1 mm			
750 mm	42 129 24 01	0.2	<p>Very high wear resistance</p> <p>highest level of corrosion resistance as well as chemical resistance</p> <p>very good for - high belt tension - trough / no trough</p> <p>slightly magnetic</p>
800 mm	42 129 25 52	0.2	
900 mm	42 129 24 02	0.3	
1000 mm	42 129 25 50	0.3	
1050 mm	42 129 24 03	0.3	
1200 mm	42 129 25 51	0.3	
1350 mm	42 129 24 04	0.4	
1400 mm	42 129 25 53	0.4	
1600 mm	42 129 25 74	0.5	
Connecting Pins P4CG			
Min. Diameter 8.5 mm			
750 mm	42 129 24 05	0.3	<p>Very high wear resistance</p> <p>highest level of corrosion resistance as well as chemical resistance</p> <p>very good for - high belt tension - trough / no trough</p> <p>slightly magnetic</p>
800 mm	42 129 27 43	0.3	
900 mm	42 129 24 06	0.4	
1000 mm	42 129 27 44	0.4	
1050 mm	42 129 24 07	0.4	
1200 mm	42 129 27 45	0.5	
1350 mm	42 129 24 08	0.5	
1400 mm	42 129 27 46	0.6	
1600 mm	42 129 27 61	0.6	

Installation Tools for Connecting Pins see page 12

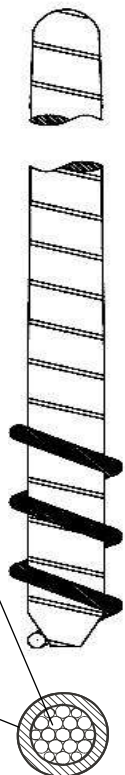
Length	Order No.	kg	
Connecting Pins P1S			
Min. Diameter 5.3 mm			
735 mm	42 127 01 14	0.1	
785 mm	42 127 01 22	0.1	
885 mm	42 127 01 25	0.2	
985 mm	42 127 01 20	0.2	
1035 mm	42 127 01 26	0.2	
1185 mm	42 127 01 21	0.2	
1335 mm	42 129 20 10	0.2	
1385 mm	42 127 01 23	0.2	
1585 mm	42 127 15 85	0.3	
Connecting Pins P2S			
Min. Diameter 6.4 mm			
735 mm	42 128 07 50	0.2	
785 mm	42 128 07 85	0.2	
885 mm	42 128 08 85	0.2	
985 mm	42 128 09 85	0.2	
1035 mm	42 128 10 35	0.3	
1185 mm	42 128 11 85	0.3	
1335 mm	42 128 13 35	0.3	
1385 mm	42 128 13 85	0.4	
1585 mm	42 128 15 85	0.4	
Connecting Pins P3S			 <p>High Tensile Stainless Chromium-Nickel Cable</p> <p>Stainless Chromium Steel</p>
Min. Diameter 7.1 mm			
735 mm	42 129 25 41	0.2	
785 mm	42 129 25 01	0.2	
885 mm	42 129 25 15	0.3	
985 mm	42 129 25 02	0.3	
1035 mm	42 129 25 11	0.3	
1185 mm	42 129 25 03	0.3	
1335 mm	42 129 25 14	0.4	
1385 mm	42 129 25 04	0.4	
1585 mm	42 129 25 19	0.5	
Connecting Pins P4S			<p>High corrosion resistance</p> <p>Very good for - high belt tension - trough / no trough</p>
Min. Diameter 8.5 mm			
735 mm	42 129 26 01	0.3	
785 mm	42 129 27 01	0.3	
885 mm	42 129 27 13	0.4	
985 mm	42 129 27 02	0.4	
1035 mm	42 129 27 06	0.4	
1185 mm	42 129 27 03	0.5	
1335 mm	42 129 27 12	0.5	
1385 mm	42 129 27 04	0.6	
1585 mm	42 129 27 09	0.6	

Installation Tools for Connecting Pins see page 12

Length	Order no.	kg
Connecting Pins P1SG		
Min. Diameter 5.3 mm		
750 mm	42 129 20 22	0.1
800 mm	42 129 20 15	0.1
900 mm	42 129 20 19	0.2
1000 mm	42 129 20 16	0.2
1050 mm	42 129 20 20	0.2
1200 mm	42 129 20 17	0.2
1350 mm	42 129 13 50	0.2
1400 mm	42 129 20 18	0.2
1600 mm	42 129 20 25	0.3
Connecting Pins P2SG		
Min. Diameter 6.4 mm		
750 mm	42 128 20 90	0.2
800 mm	42 128 20 82	0.2
900 mm	42 128 20 83	0.2
1000 mm	42 128 20 79	0.3
1050 mm	42 128 20 84	0.3
1200 mm	42 128 20 77	0.3
1350 mm	42 128 20 89	0.3
1400 mm	42 128 20 80	0.4
1600 mm	42 128 20 81	0.4
Connecting Pins P3SG		
Min. Diameter 7.1 mm		
750 mm	42 129 25 66	0.2
800 mm	42 129 25 23	0.2
900 mm	42 129 25 24	0.3
1000 mm	42 129 25 20	0.3
1050 mm	42 129 25 25	0.3
1200 mm	42 129 25 21	0.3
1350 mm	42 129 25 32	0.4
1400 mm	42 129 25 22	0.4
1600 mm	42 129 25 30	0.5
Connecting Pins P4SG		
Min. Diameter 8.5 mm		
750 mm	42 129 27 33	0.3
800 mm	42 129 27 20	0.3
900 mm	42 129 27 22	0.4
1000 mm	42 129 27 16	0.4
1050 mm	42 129 27 23	0.4
1200 mm	42 129 27 30	0.5
1350 mm	42 129 27 47	0.5
1400 mm	42 129 27 18	0.6
1600 mm	42 129 27 21	0.6



Recommended for Sealed Fasteners. Easy installation, Installation Tools required (page 12)



High Tensile Stainless Chromium-Nickel Cable

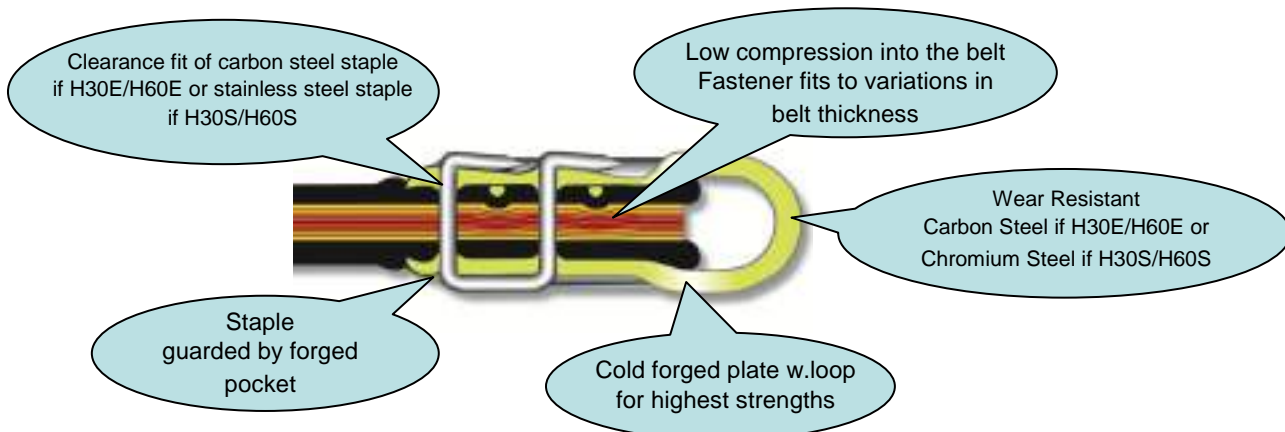
Stainless Chromium Steel

High corrosion resistance

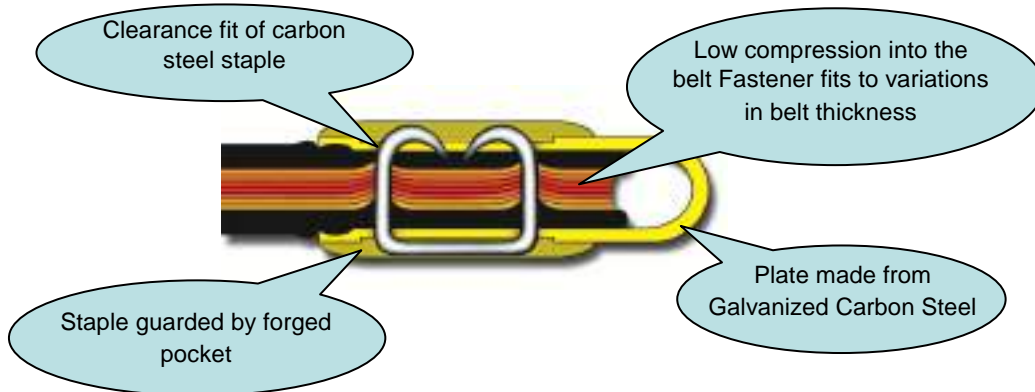
Very good for
- high belt tension
- trough / no trough



The **Systems H30 and H60** are the strongest Hammer Systems. Belt ends with H30 / H60 are connectable to belt-ends with U30 or S30S or E30. Its outstanding features are:



The **MR30-System** is a simple and easy to use Hammer System. In comparison to other Wide Plate Fasteners, the MR30-System has a long life time and can be installed within a short time.



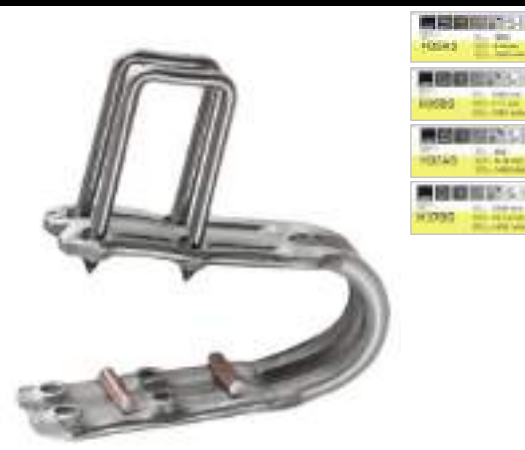
Belt Thickness (mm)															Belt Strength (kN/m)	Min. Drum Diameter
5	6	7	8	9	10	11	12	13	14	15	16	17	18	>18*		
	H35AS														up to 1050	250 mm
	H35AE															
	MR35A															
	H35BS															
	H35BE															
		H37AS													up to 1400	350 mm
		H37AE														
		MR37A														
		H37BS														
		H37BE														
							H67CS								up to 1800	500 mm
							H67CE									
									H67DS							
									H67DE							

Materials Plate / Staples:

Cr (S)- / CrNi (SS) Steel Carbon Steel / Special Steel

* Thicker belts can be skived (cover) to fit

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener H35AS - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 900 mm	6 - 9 mm	41 116 22 17	2.4
up to 1000 mm	6 - 9 mm	41 116 22 18	2.7
up to 1050 mm	6 - 9 mm	41 116 22 19	2.9
up to 1200 mm	6 - 9 mm	41 116 22 30	3.3
up to 1350 mm	6 - 9 mm	41 116 22 21	3.7
up to 1400 mm	6 - 9 mm	41 116 22 22	3.9
up to 1600 mm	6 - 9 mm	41 116 22 24	4.4
Belt Fastener H35BS - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 900 mm	7 - 11 mm	41 116 22 26	2.4
up to 1000 mm	7 - 11 mm	41 116 22 27	2.7
up to 1050 mm	7 - 11 mm	41 116 22 28	2.9
up to 1200 mm	7 - 11 mm	41 116 20 30	3.3
up to 1350 mm	7 - 11 mm	41 116 18 30	3.8
up to 1400 mm	7 - 11 mm	41 116 22 31	3.9
up to 1600 mm	7 - 11 mm	41 116 22 33	4.4
Belt Fastener H37AS - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 900 mm	8 - 12 mm	41 116 22 62	2.9
up to 1000 mm	8 - 12 mm	41 116 22 63	3.3
up to 1050 mm	8 - 12 mm	41 116 22 64	3.5
up to 1200 mm	8 - 12 mm	41 116 22 65	3.9
up to 1350 mm	8 - 12 mm	41 116 22 66	4.5
up to 1400 mm	8 - 12 mm	41 116 22 67	4.6
up to 1600 mm	8 - 12 mm	41 116 22 69	5.3
Belt Fastener H37BS - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 900 mm	10 - 14 mm	41 116 22 71	2.9
up to 1000 mm	10 - 14 mm	41 116 22 72	3.3
up to 1050 mm	10 - 14 mm	41 116 22 73	3.5
up to 1200 mm	10 - 14 mm	41 116 22 74	4.0
up to 1350 mm	10 - 14 mm	41 116 22 75	4.5
up to 1400 mm	10 - 14 mm	41 116 22 76	4.7
up to 1600 mm	10 - 14 mm	41 116 22 78	5.3
Belt Fastener H67CS - Standard			
Belt Strength up to 1800 kN/m		Minimum Pulley Diameter 500 mm	
up to 900 mm	12 - 16 mm	41 118 50 24	4.5
up to 1000 mm	12 - 16 mm	41 118 50 25	5.0
up to 1050 mm	12 - 16 mm	41 118 50 26	5.3
up to 1200 mm	12 - 16 mm	41 118 50 16	6.0
up to 1350 mm	12 - 16 mm	41 118 50 27	6.7
up to 1400 mm	12 - 16 mm	41 118 50 28	6.9
up to 1600 mm	12 - 16 mm	41 118 50 29	7.9
Belt Fastener H67DS - Standard			
Belt Strength up to 1800 kN/m		Minimum Pulley Diameter 500 mm	
up to 900 mm	15 - 18 mm	41 118 50 30	4.5
up to 1000 mm	15 - 18 mm	41 118 50 31	5.0
up to 1050 mm	15 - 18 mm	41 118 50 32	5.3
up to 1200 mm	15 - 18 mm	41 118 50 20	6.0
up to 1350 mm	15 - 18 mm	41 118 50 33	6.7
up to 1400 mm	15 - 18 mm	41 118 50 34	6.9
up to 1600 mm	15 - 18 mm	41 118 50 35	7.9



- Low compression into the belt
 - Stainless steel staples
 - Staple guard
 - Cold forged plate with loops for highest strengths
 - High wear resistant plate material (chromium steel)
 - Fits to variations in belt thickness
- Staple Material: **Stainless Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with 2 Fastener Strips with length according belt width, (can be shortened individually). Content is sufficient for one complete lace. (without Connecting Pin)



- Low compression into the belt
 - Stainless steel staples
 - Staple guard
 - Cold forged plate with loops for highest strengths
 - High wear resistant plate material (chromium steel)
 - Fits to variations in belt thickness
- Staple Material: **Stainless Steel**
 Plate Material: **Stainless Chromium Steel**

Units: based on boxes with 2 Fastener Strips with length according belt width, (can be shortened individually). Content is sufficient for one complete lace. (without Connecting Pin)

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener H35AE - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 900 mm	6 - 9 mm	41 116 20 00	2.4
up to 1000 mm	6 - 9 mm	41 116 20 01	2.7
up to 1050 mm	6 - 9 mm	41 116 20 02	2.9
up to 1200 mm	6 - 9 mm	41 116 20 03	3.3
up to 1350 mm	6 - 9 mm	41 116 20 04	3.7
up to 1400 mm	6 - 9 mm	41 116 20 05	3.9
up to 1600 mm	6 - 9 mm	41 116 20 07	4.4
Belt Fastener H35BE - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 900 mm	7 - 11 mm	41 116 20 09	2.4
up to 1000 mm	7 - 11 mm	41 116 20 10	2.7
up to 1050 mm	7 - 11 mm	41 116 20 11	2.9
up to 1200 mm	7 - 11 mm	41 116 20 12	3.3
up to 1350 mm	7 - 11 mm	41 116 20 13	3.7
up to 1400 mm	7 - 11 mm	41 116 20 14	3.9
up to 1600 mm	7 - 11 mm	41 116 20 16	4.4
Belt Fastener H37AE - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 900 mm	8 - 12 mm	41 116 21 45	2.9
up to 1000 mm	8 - 12 mm	41 116 21 46	3.3
up to 1050 mm	8 - 12 mm	41 116 21 47	3.5
up to 1200 mm	8 - 12 mm	41 116 21 48	3.9
up to 1350 mm	8 - 12 mm	41 116 21 49	4.5
up to 1400 mm	8 - 12 mm	41 116 21 50	4.6
up to 1600 mm	8 - 12 mm	41 116 21 52	5.3
Belt Fastener H37BE - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 900 mm	10 - 14 mm	41 116 21 54	2.9
up to 1000 mm	10 - 14 mm	41 116 21 55	3.3
up to 1050 mm	10 - 14 mm	41 116 21 56	3.5
up to 1200 mm	10 - 14 mm	41 116 21 57	3.9
up to 1350 mm	10 - 14 mm	41 116 21 58	4.5
up to 1400 mm	10 - 14 mm	41 116 21 59	4.6
up to 1600 mm	10 - 14 mm	41 116 21 61	5.3
Belt Fastener H67CE - Standard			
Belt Strength up to 1800 kN/m		Minimum Pulley Diameter 500 mm	
up to 900 mm	12 - 16 mm	41 118 49 80	4.5
up to 1000 mm	12 - 16 mm	41 118 49 81	5.0
up to 1050 mm	12 - 16 mm	41 118 49 82	5.3
up to 1200 mm	12 - 16 mm	41 118 50 00	6.0
up to 1350 mm	12 - 16 mm	41 118 49 83	6.7
up to 1400 mm	12 - 16 mm	41 118 49 84	6.9
up to 1600 mm	12 - 16 mm	41 118 49 85	7.9
Belt Fastener H67DE - Standard			
Belt Strength up to 1800 kN/m		Minimum Pulley Diameter 500 mm	
up to 900 mm	15 - 18 mm	41 118 49 86	4.5
up to 1000 mm	15 - 18 mm	41 118 49 87	5.0
up to 1050 mm	15 - 18 mm	41 118 49 88	5.3
up to 1200 mm	15 - 18 mm	41 118 50 04	6.0
up to 1350 mm	15 - 18 mm	41 118 49 89	6.7
up to 1400 mm	15 - 18 mm	41 118 49 90	6.9
up to 1600 mm	15 - 18 mm	41 118 49 91	7.9



- Low compression in the belt
- Staple guard
- Cold forged plate with loops for highest strengths
- Wear resistant plate material (Chromium Steel)
- High tensile special steel staples
- Fits to variations in belt thickness

Staple Material: **Special Steel**
 Plate Material: **Carbon Steel**

Units: based on boxes with 2 Fastener Strips with length according belt width, (can be shortened individually). Content is sufficient for one complete lace. (without Connecting Pin)











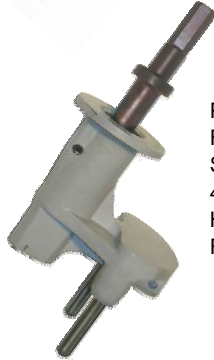

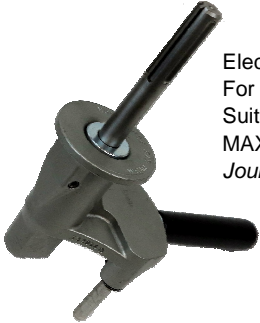

- Low compression in the belt
- Staple guard
- Cold forged plate with loops for highest strengths
- Wear resistant plate material (Chromium Steel)
- High tensile special steel staples
- Fits to variations in belt thickness

Staple Material: **Special Steel**
 Plate Material: **Carbon Steel**


Units: based on boxes with 2 Fastener Strips with length according belt width, (can be shortened individually). Content is sufficient for one complete lace. (without Connecting Pin)

Connecting Pins and Accessories see pages 27 - 28 and page 12.

Belt Width	Order No.	kg	
Installation Unit HTA H30 - Aluminium Frame			<p>Standard equipment of all Installation Units includes a Hammer Frame and a Lacing Head.</p> 
400 mm	41 119 04 00	14.2	
1000 mm	41 119 10 00	24.6	
1200 mm	41 119 12 00	26.4	
1400 mm	41 119 14 00	28.3	
1600 mm	41 119 16 00	31.0	
Installation Unit HTA H60 - Aluminium Frame			<ul style="list-style-type: none"> - Aluminium Frame - The Installation Units HTA H30 can be adjusted to the Fastener sizes H35A and H35 as well as H37A and H37. Simply turn the Comb Pins to the required Fastener size. - The Installation Units HTA H60 can be used for Fastener sizes H67CE and H67DE - The low weight of the Installation Unit allows easy handling
400 mm	41 119 12 65	14.3	
1000 mm	41 119 12 66	24.7	
1200 mm	41 119 12 67	26.5	
1400 mm	41 119 12 68	28.4	
1600 mm	41 119 12 69		
Installation Unit HTS H37 - Steel Frame			 <ul style="list-style-type: none"> - Steel Frame. - The Installation Unit HTS H37 is used to install the Fastener sizes H37A and H37. - The Installation Unit HTS H67 C/D is used to install the Fastener sizes H67C and H67D.H67D.
600 mm	41 119 06 02	16.6	
Installation Unit HTS H67 C/D - Steel Frame			
600 mm	41 119 06 05	16.6	
Hammer			<p>Ergonomic Hammer with Fiber Glass Shaft (2kg)</p> 
Hammer HM	44 130 16 03	2.1	
Pneumatic Hammer			 <p>Maximum Operating Pressure 6 bar. For installing Fasteners H30 / H60, incl. Head.</p>
Pneumatic Hammer Complete H30/H60	46 100 10 60	9.8	
Belt Skiver			
Belt Skiver 17/20 - H30/H60	41 129 58 50	0.8	
Spare Blade Belt Skiver 17/20	41 129 58 51	0.1	

Belt Width	Order No.	kg	
Lacing Head			
Lacing Head HK H30	41 117 01 00	3.6	 <p>Lacing Head for installing fasteners H30 / H60 manually by hammer</p>
Lacing Head HK H60	41 117 01 67	3.9	 <p>Ex I M2 c</p>
Pneumatic Hammer			
Pneumatic Hammer H30/H60	46 000 10 00	6.9	 <p>Maximum Operating Pressure 6 bar. For installing Fasteners H30 / H60. Delivery without Head.</p>
Head Complete for Pneumatic Hammer			
Pneumatic Hammer Head H30/H60	46 000 10 50	2.9	 <p>Pneumatic Hammer-Lacing Head For installing Fasteners H30 / H60. Suitable for Pneumatic Hammer Nr. 46 000 10 00. H30/H60. Suitable for all Hammer Frames H30 / H60</p>
Punch for Pneumatic Hammer			
Punch for Pneumatic Hammer H30/H60	46 000 10 70	0.6	
Head Complete for Electric Hammer (SDS-MAX Take-Up)			
Electric Hammer Head H30/H60	43 333 02 00	4.2	 <p>Electric Hammer-Lacing Head For installing Fasteners H30 / H60. Suitable for all brands with SDS-MAX take-up. (Minimum of 12 Joule necessary for installation!)</p>
Punch for Electric Hammer (SDS-MAX Take-Up)			
Punch for Electric Hammer H30/H60	43 333 03 00	0.6	

Belt Width	Belt Thickness	Order No.	kg
Belt Fastener MR35A - Standard			
Belt Strength up to 1050 kN/m		Minimum Pulley Diameter 250 mm	
up to 900 mm	5 - 10 mm	46 000 10 36	3.0
up to 1000 mm	5 - 10 mm	46 000 10 37	3.2
up to 1050 mm	5 - 10 mm	46 000 10 38	3.3
up to 1200 mm	5 - 10 mm	46 000 10 39	3.5
up to 1350 mm	5 - 10 mm	46 000 10 40	3.8
up to 1400 mm	5 - 10 mm	46 000 10 41	3.9
Belt Fastener MR37A - Standard			
Belt Strength up to 1400 kN/m		Minimum Pulley Diameter 350 mm	
up to 900 mm	10 - 15 mm	46 000 10 44	3.2
up to 1000 mm	10 - 15 mm	46 000 10 45	3.5
up to 1050 mm	10 - 15 mm	46 000 10 46	3.7
up to 1200 mm	10 - 15 mm	46 000 10 47	4.2
up to 1350 mm	10 - 15 mm	46 000 10 48	4.7
up to 1400 mm	10 - 15 mm	46 000 10 49	4.9



Ex I M2 c

- Low compression in the belt
- Staple Guard
- Wear resistant plate material (galvanized)
- High tensile special steel staples
- Fits to variations in belt thickness

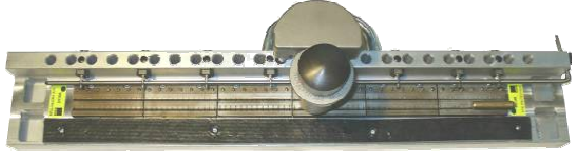
Staple Material: **Special Steel**
Plate Material: **Carbon Steel**

Units: based on boxes with 2 Fastener Strips with length according belt width, (can be shortened individually). Content is sufficient for one complete lace. (without Connecting Pin)


Installation Units and Accessories

for Hammer Installed Systems MR30


Belt Width	Order No.	kg
Installation Unit MRTA MR30		
1000 mm	46 000 10 52	21.50
1200 mm	46 000 10 53	25.10
1400 mm	46 000 10 54	28.70
Hammer		
Hammer H3 (3kg)	46 000 00 78	3.60
Lacing Head		
Lacing Head MRK MR30	46 000 10 56	3.20
Head Complete for Electric Hammer (SDS-MAX Take-Up)		
Electric Hammer Head MR30	46 333 02 00	2.90
Punch for Electric Hammer (SDS-MAX Take-Up)		
Punch for Electric Hammer Head MR30	46 333 03 00	0.6




Standard equipment of Installation Units (Aluminium Frame) includes a **Hammer Frame** and a **Lacing Head**.




Ergonomic Hammer with Fiber Glass Shaft (2 kg)



Hammer-Lacing Head. For installing the Fastener series MR30



Electric Hammer-Lacing Head. For installing Fasteners MR30. Suitable for all brands with SDS MAX Take-Up. (Minimum of 12 Joule necessary for installation!)



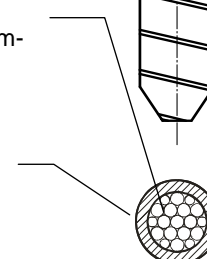
Connecting Pins and Accessories please see pages 12 and 27-29.

Length	Order No.	kg
Connecting Pins P1S Min. Diameter 5.3 mm		
735 mm	42 127 01 14	0.1
785 mm	42 127 01 22	0.1
885 mm	42 127 01 25	0.2
985 mm	42 127 01 20	0.2
1035 mm	42 127 01 26	0.2
1185 mm	42 127 01 21	0.2
1335 mm	42 129 20 10	0.2
1385 mm	42 127 01 23	0.2
1585 mm	42 127 15 85	0.3
Connecting Pins P2S Min. Diameter 6.4 mm		
735 mm	42 128 07 50	0.2
785 mm	42 128 07 85	0.2
885 mm	42 128 08 85	0.2
985 mm	42 128 09 85	0.2
1035 mm	42 128 10 35	0.3
1185 mm	42 128 11 85	0.3
1335 mm	42 128 13 35	0.3
1385 mm	42 128 13 85	0.4
1585 mm	42 128 15 85	0.4
Connecting Pins P3S Min. Diameter 7.1 mm		
735 mm	42 129 25 41	0.2
785 mm	42 129 25 01	0.2
885 mm	42 129 25 15	0.3
985 mm	42 129 25 02	0.3
1035 mm	42 129 25 11	0.3
1185 mm	42 129 25 03	0.3
1335 mm	42 129 25 14	0.4
1385 mm	42 129 25 04	0.4
1585 mm	42 129 25 19	0.5
Connecting Pins P4S Min. Diameter 8.5 mm		
735 mm	42 129 26 01	0.3
785 mm	42 129 27 01	0.3
885 mm	42 129 27 13	0.4
985 mm	42 129 27 02	0.4
1035 mm	42 129 27 06	0.4
1185 mm	42 129 27 03	0.5
1335 mm	42 129 27 12	0.5
1385 mm	42 129 27 04	0.6
1585 mm	42 129 27 09	0.6



High Tensile
Stainless Chromium-
Nickel Cable

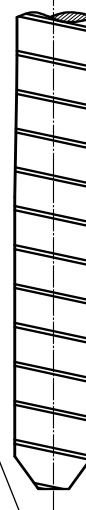
Stainless
Chromium Steel



High corrosion resistance

Very good for
- high belt tension
- trough / no trough

Length	Order No.	kg
Connecting Pins P1E		
Min. Diameter 5.3 mm		
735 mm	42 134 07 35	0.1
785 mm	42 134 07 85	0.1
885 mm	42 134 08 85	0.2
985 mm	42 134 09 85	0.2
1035 mm	42 134 10 35	0.2
1185 mm	42 134 11 85	0.2
1335 mm	42 134 13 35	0.2
1385 mm	42 134 13 85	0.2
1585 mm	42 134 15 85	0.3
Connecting Pins P2E		
Min. Diameter 6.4 mm		
735 mm	42 135 07 35	0.2
785 mm	42 135 07 85	0.2
885 mm	42 135 08 85	0.2
985 mm	42 135 09 85	0.2
1035 mm	42 135 10 35	0.3
1185 mm	42 135 11 85	0.3
1335 mm	42 135 13 35	0.3
1385 mm	42 135 13 85	0.4
1585 mm	42 135 15 85	0.4
Connecting Pins P3E		
Min. Diameter 7.1 mm		
735 mm	42 136 07 35	0.2
785 mm	42 136 07 85	0.2
885 mm	42 136 08 85	0.3
985 mm	42 136 09 85	0.3
1035 mm	42 136 10 35	0.3
1185 mm	42 136 11 85	0.3
1335 mm	42 136 13 35	0.4
1385 mm	42 136 13 85	0.4
1585 mm	42 136 15 85	0.5
Connecting Pins P4E		
Min. Diameter 8.5 mm		
735 mm	42 139 47 35	0.3
785 mm	42 139 47 85	0.3
885 mm	42 139 48 85	0.4
985 mm	42 139 49 85	0.4
1035 mm	42 139 40 35	0.4
1185 mm	42 139 41 85	0.5
1335 mm	42 139 43 35	0.5
1385 mm	42 139 43 85	0.6
1585 mm	42 139 45 85	0.6
Connecting Pins P5E		
Min. Diameter 10.5 mm		
735 mm	42 139 57 35	0.5
785 mm	42 139 57 85	0.6
885 mm	42 139 58 85	0.6
985 mm	42 139 59 85	0.7
1035 mm	42 139 50 35	0.7
1185 mm	42 139 51 85	0.8
1335 mm	42 139 53 35	1.0
1385 mm	42 139 53 85	1.0
1585 mm	42 139 55 85	1.1



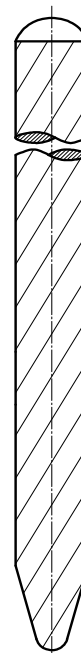
High Tensile
Stainless
Chromium-
Nickel Cable

Special Steel

Very good for
- high belt tension
- trough / no trough

Installation Tools for Connecting Pins please see page 12

Length	Order No.	kg
Connecting Pins L1		
Min. Diameter 5.3 mm		
735 mm	42 126 07 35	0.1
785 mm	42 126 07 85	0.1
885 mm	42 126 08 85	0.1
985 mm	42 126 09 85	0.1
1035 mm	42 126 10 52	0.1
1185 mm	42 126 11 85	0.2
1335 mm	42 126 13 50	0.2
1385 mm	42 126 13 85	0.2
1585 mm	42 126 15 85	0.2
Connecting Pins L2		
Min. Diameter 5.6 mm		
735 mm	42 125 13 10	0.1
785 mm	42 129 12 01	0.1
885 mm	42 125 09 00	0.1
985 mm	42 125 09 85	0.2
1035 mm	42 125 10 35	0.2
1185 mm	42 125 11 85	0.2
1335 mm	42 125 13 35	0.2
1385 mm	42 125 13 85	0.2
1585 mm	42 125 15 85	0.3
Connecting Pins L3		
Min. Diameter 6.9 mm		
735 mm	42 129 15 86	0.2
785 mm	42 129 07 85	0.2
885 mm	42 129 09 00	0.2
985 mm	42 129 09 85	0.2
1035 mm	42 129 10 52	0.3
1185 mm	42 129 11 85	0.3
1335 mm	42 129 10 53	0.3
1385 mm	42 129 13 85	0.3
1585 mm	42 129 15 85	0.4



High Tensile Galvanised Cable



Good for
- high belt tension
- trough



The **Screw System MS** is used for belt splicing and rip repairs. It is easy to install. The Fastener guarantees good compression into the belt (vice like effect)



Fastener	MS 1	MS 140	MS 190	MS 1½	MS 2	MS 2¼	MS 2½	MS 3
Belt Thickness mm	5-11	5-11	8-14	11-17	14-21	14-30	19-25	>24
Belt Strength kN/m	300	400	630	500	800	1050	800	1050
Min Pulley Ø mm	250	300	400	400	700	1000	1000	1000

Description	Width	Order No.	kg
Belt Fastener MS - Box Content 25 units			
MS 1	750 mm	46 100 60 10	1,4
MS 140	750 mm	46 100 60 53	1,8
MS 190	750 mm	46 100 60 54	2,0
MS 1½	950 mm	46 100 60 30	2,5
MS 2	1050 mm	46 100 60 40	3,3
MS 2¼	1050 mm	46 000 11 72	4,6
Belt Fastener MS - Box Content 10 units			
MS 2½	500 mm	46 100 60 60	2,7
MS 3	500 mm	46 000 13 54	3,0
Belt Fastener MS - Bucket Content 100 units			
MS 1	3000 mm	46 000 09 82	5,7
MS 140	3000 mm	46 000 09 78	7,2
MS 190	3000 mm	46 000 09 79	8,1
MS 1½	3800 mm	46 000 09 83	9,8
MS 2	4200 mm	46 000 09 84	13,3
MS 2¼	4200 mm	46 000 11 73	18,3
Belt Fastener MS - Bucket Content 50 units			
MS 2½	2500 mm	41 178 17 71	13,5
MS 3	2500 mm	41 178 17 72	15,0



Material Upper / Lower Plate:
Special Steel

Steel Series Fastener for
general application

Description	Width	Order No.	kg	
Belt Fastener MS H - Box				
Content 25 units				
MS 1H	750 mm	46 100 62 48	1.4	
MS 140H	750 mm	46 100 62 51	1.8	
MS 190H	750 mm	46 100 62 52	2.0	
MS 1½H	950 mm	46 100 62 49	2.5	
MS 2H	1050 mm	46 100 62 50	3.3	
Belt Fastener MS H - Bucket				<p>Material Upper Plate: High Carbon Steel</p> <p>Material Lower Plate: Special Steel</p> <p>Fastener with Upper Plate made of high carbon steel for higher wear resistance</p>
Content 100 units				
MS 1H	3000 mm	46 000 09 85	5.7	
MS 140H	3000 mm	46 000 09 80	7.2	
MS 190H	3000 mm	46 000 09 81	8.1	
MS 1½H	3800 mm	46 000 09 86	9.8	
MS 2H	4200 mm	46 000 09 87	13.3	
Belt Fastener MS B - Box				
Content 25 units				
MS 140B	750 mm	41 178 17 74	1.8	
MS 190B	750 mm	41 178 17 75	2.0	
MS 1½B	950 mm	41 178 17 76	2.5	
MS 2B	1050 mm	41 178 17 77	3.3	
Belt Fastener MS B - Bucket				<p>Material Upper / Lower Plate: High Carbon Steel</p> <p>Fastener with Upper and Lower Plate made of high carbon steel for higher wear resistance</p>
Content 100 units				
MS 140B	3000 mm	41 178 17 78	7.2	
MS 190B	3000 mm	41 178 17 79	8.1	
MS 1½B	3800 mm	41 178 17 80	9.8	
MS 2B	4200 mm	46 101 09 87	13.3	
Belt Fastener MS S - Box				
Content 25 units				
MS 140S	750 mm	41 178 17 82	1.8	
MS 190S	750 mm	41 178 17 83	2.0	
MS 1½S	950 mm	46 100 60 55	2.5	
MS 2S	1050 mm	46 100 60 56	3.3	
				<p>Material Upper / Lower Plate: Stainless Chromium-Nickel Steel</p> <p>Stainless Chromium-Nickel Steel Fastener for higher corrosion resistance</p>





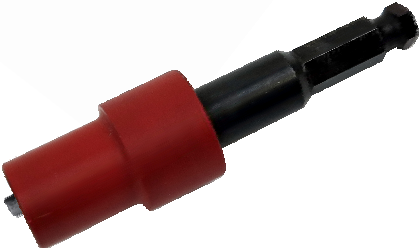


Description	Belt Thickness	Order No.	kg
Belt Fastener S82			
Side Length 8 mm, Fastener Width 12 mm			
S82 (200)	up to 4 mm	42 701 20 00	0.2
Belt Fastener S83			
Side Length 10 mm, Fastener Width 14 mm			
S83 (201)	up to 6 mm	42 701 20 10	0.2
Belt Fastener S84			
Side Length 12 mm, Fastener Width 17 mm			
S84 (202)	up to 8 mm	42 701 20 20	0.5
Belt Fastener S85			
Side Length 16 mm, Fastener Width 23 mm			
S85 (203)	up to 10 mm	42 701 20 30	0.9
Belt Fastener S86			
Side Length 20 mm, Fastener Width 25 mm			
S86 (204)	up to 13 mm	42 701 20 40	1.5
Belt Fastener S87			
Side Length 23 mm, Fastener Width 30 mm			
S87 (205)	up to 15 mm	42 701 20 50	2.4
Belt Fastener S88			
Side Length 29 mm, Fastener Width 35 mm			
S88 (206)	up to 18 mm	42 701 20 60	4.0
Belt Fastener S89			
Side Length 38 mm, Fastener Width 43 mm			
S89 (207)	up to 21 mm	42 701 20 70	6.6



- Fastener Installation without lacing tool
- For rip repairs

Material:
Special Steel

Packing units:
100 pieces per pack

Description	Order No.	kg	
Belt Punch			
SL 1 - 140 - 190	46 100 67 23	0.1	
SL 1½ - 2 - 2¼	46 100 67 24	0.1	
SL 2½ - 3	46 100 67 25	0.2	
Power Punch			
ML 1 - 140 - 190	46 100 67 29	0.1	
ML 1½ - 2 - 2¼	46 100 67 30	0.1	
ML 2½ - 3	46 100 67 31	0.1	
Hand Nut Tightener			
HS 1 - 140 - 190	46 100 67 26	0.2	
HS 1½ - 2 - 2¼	46 100 67 27	0.2	
HS 2½ - 3	46 100 67 28	0.3	
Brace Nut Tightener			
HB 1 - 140 - 190	46 100 66 05	0.1	
HB 1½ - 2 - 2¼	46 100 66 10	0.1	
HB 2½ - 3	46 100 66 15	0.1	
Power Nut Tightener			
MB 1 - 140 - 190	46 100 67 32	0.1	
MB 1½ - 2 - 2¼	46 100 67 33	0.1	
MB 2½ - 3	46 100 67 34	0.1	
Bolt Breaker			
SB 1 - 140 - 190	46 100 67 20	0.4	
SB 1½ - 2 - 2¼	46 100 67 21	0.7	
SB 2½ - 3	46 100 67 22	1.2	
Quick Change Chuck			
SK 1 - 3	46 100 67 42	0.2	

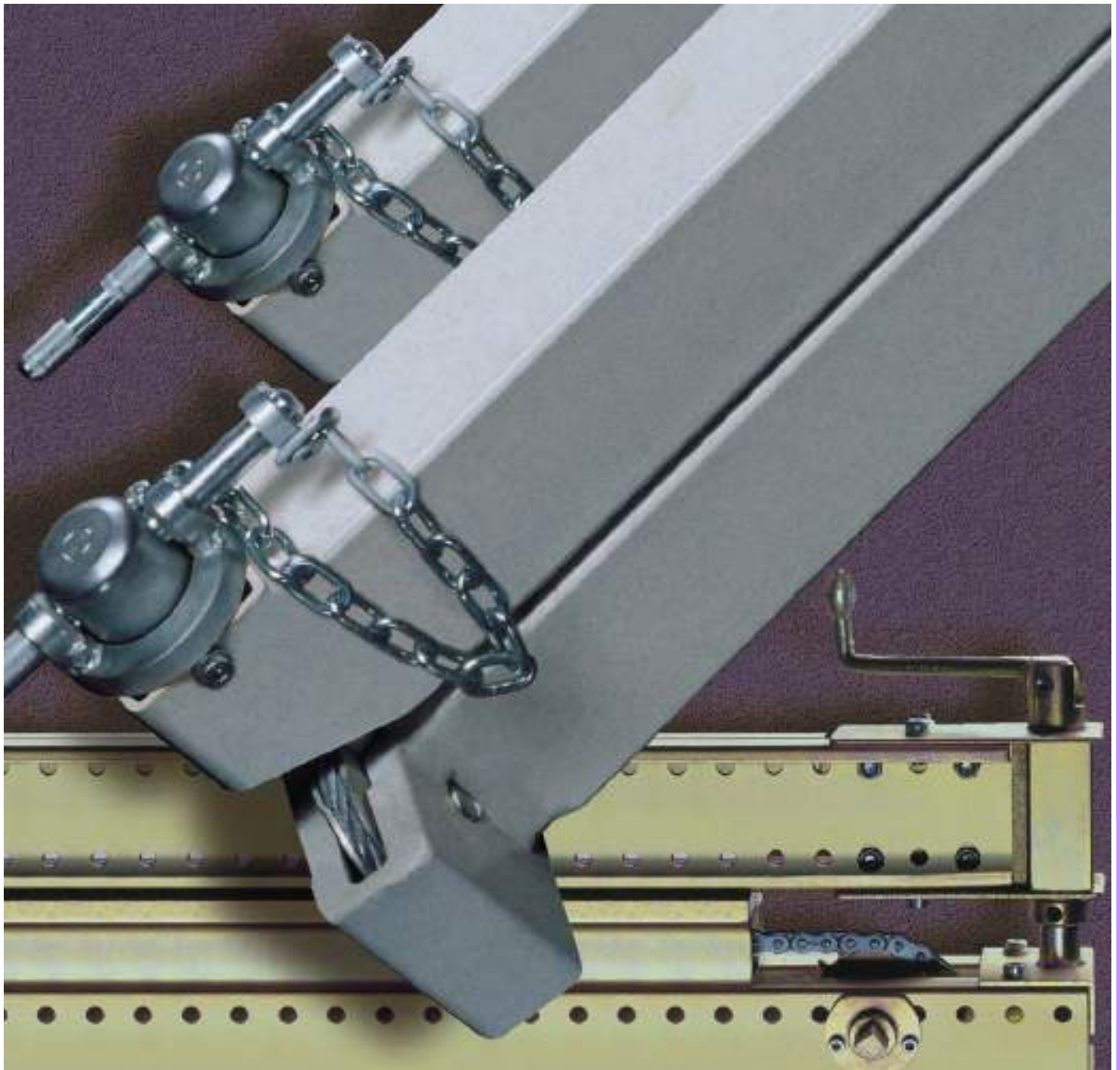
Additional accessories are available upon request

Description	Width	Order No.	kg
Templates for MS 1			
LL-MS 1-600	600 mm	46 100 63 02	1.0
LL-MS 1-750	750 mm	46 100 63 30	1.2
LL-MS 1-900	900 mm	46 100 63 23	1.4
LL-MS 1-1050	1050 mm	46 100 61 25	1.6
LL-MS 1-1200	1200 mm	46 100 63 09	1.8
Templates for MS 140			
LL-MS 140-600	600 mm	46 100 63 00	1.0
LL-MS 140-750	750 mm	46 100 63 28	1.2
LL-MS 140-900	900 mm	46 100 63 21	1.4
LL-MS 140-1050	1050 mm	46 100 62 60	1.6
LL-MS 140-1200	1200 mm	46 100 63 07	1.8
Templates for MS 190			
LL-MS 190-600	600 mm	46 100 63 01	0.9
LL-MS 190-750	750 mm	46 100 63 29	1.3
LL-MS 190-900	900 mm	46 100 63 22	1.6
LL-MS 190-1050	1050 mm	46 100 62 61	1.9
LL-MS 190-1200	1200 mm	46 100 63 08	2.2
LL-MS 190-1500	1500 mm	46 100 63 35	2.9
Templates for MS 1½			
LL-MS 1½-600	600 mm	46 100 63 04	0.9
LL-MS 1½-750	750 mm	46 100 63 32	1.1
LL-MS 1½-900	900 mm	46 100 63 25	1.4
LL-MS 1½-1050	1050 mm	46 100 62 62	1.6
LL-MS 1½-1200	1200 mm	46 100 63 11	1.8
LL-MS 1½-1500	1500 mm	46 100 63 37	2.3
Templates for MS 2			
LL-MS 2-600	600 mm	46 100 63 05	1.1
LL-MS 2-750	750 mm	46 100 63 33	1.4
LL-MS 2-900	900 mm	46 100 63 26	1.6
LL-MS 2-1050	1050 mm	46 100 63 38	1.9
LL-MS 2-1200	1200 mm	46 100 63 12	1.9
LL-MS 2-1500	1500 mm	46 100 63 39	2.8
Templates for MS 2¼			
LL-MS 2¼-600	600 mm	46 100 67 36	1.3
LL-MS 2¼-750	750 mm	46 100 67 37	1.7
LL-MS 2¼-900	900 mm	46 100 67 38	2.1
LL-MS 2¼-1050	1050 mm	46 100 67 39	2.4
LL-MS 2¼-1200	1200 mm	46 100 67 40	2.8
LL-MS 2¼-1500	1500 mm	46 100 67 41	3.6
Templates for MS 2½			
LL-MS 2½-600	600 mm	46 100 63 42	1.6
LL-MS 2½-750	750 mm	46 100 63 43	2.0
LL-MS 2½-900	900 mm	46 100 63 44	2.4
LL-MS 2½-1050	1050 mm	46 100 63 40	2.8
LL-MS 2½-1200	1200 mm	46 100 63 13	3.2
LL-MS 2½-1500	1500 mm	46 100 63 41	4.0
Templates for MS 3			
LL-MS 3-900	900 mm	46 100 63 45	2.4
LL-MS 3-1050	1050 mm	46 100 63 46	2.8
LL-MS 3-1200	1200 mm	46 100 63 47	3.2
LL-MS 3-1500	1500 mm	46 100 63 48	4.0




Template for punching and keeping the correct pitch

Additional accessories are available upon request




Description	Admissible Belt Width	Order No.	kg
Belt Clamp S - Admissible Working Load 60 kN, Belt Thickness 5 - 35 mm			
Belt Clamp S 60kN (Nominal Width 1000 mm)	920 ÷ 1000	41 126 13 92	116.8
Belt Clamp S 60kN (Nominal Width: 1200 mm)	1140 ÷ 1220	41 126 13 94	128.0
Belt Clamp S 60kN (Nominal Width: 1400 mm)	1320 ÷ 1400	41 126 13 96	137.2
Belt Clamp S - Admissible Working Load 30 kN, Belt Thickness 5 - 30 mm			
Belt Clamp S 30kN (Nominal Width: 1000 mm)	920 ÷ 1000	41 125 12 04	63.0
Belt Clamp S 30kN (Nominal Width: 1200 mm)	1140 ÷ 1220	41 125 12 15	73.6
Belt Clamp S 30kN (Nominal Width: 1400 mm)	1320 ÷ 1400	41 125 12 31	79.8

PU = 2 pieces
(One for each belt end)




Safety is MATO's top priority; therefore, our Belt Clamps are subject to high inspection requirements (e.g. 2-times nominal load). They are load handling devices, they tension and relieve the conveyor belt, and they are applied in pairs. While in service, they form a secure working area with a relieved conveyor belt. They come in 2 nominal strengths **30 kN and 60 kN**. Further sizes are available upon request.





Other Accessories




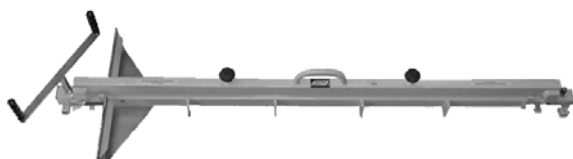




Belt Width	Order No.	Price in €	kg
T-Square for all Belt Thicknesses			
up to 1000 mm	41 122 00 00		4.4
up to 1200 mm	41 122 00 10		5.0
up to 1400 mm	41 122 00 20		5.6
up to 1600 mm	41 122 00 30		7.0
Mark and Cut			
Belt Marker	46 000 07 60		0.03
Belt Knife (incl. 5 Spare Blades)	42 123 00 00		0.10



T-Square (90°) with Blade Guide - concipated for cutting to square conveyor belts with a knife.

Belt Marker permanently marks conveyor belts. Marking depth approx. 0,8 mm, width approx. 2,0 mm

Description	Order No.	kg	
Rotary Belt Cutter ECO - without gear for Belt Thicknesses up to 15 mm			
up to 900 mm	41 000 10 64	18.7	 <p>For a perfect symmetric cut in textile conveyor belts up to 15 mm thickness. Drive through hexagon SW 19</p>
up to 1200 mm	41 000 10 67	22.4	
up to 1500 mm	41 000 10 69	26.1	
up to 1800 mm	41 000 10 70	29.8	
Handle Assembly (for Rotary Belt Cutter)	46 000 1068	1.1	 <p>Handle Assembly - ECO suitable for all Rotary Belt Cutters</p>
Handle Assembly ECO (for Rotary Belt Cutter)	41 000 10 71		 <p>Handle Assembly - Standard suitable for all Rotary Belt Cutters</p>
T-Square (for Rotary Belt Cutter)	46 000 1066	2.2	 <p>T-Square suitable for all Rotary Belt Cutters</p>
Rotary Belt Cutter T - without gear for Belt Thicknesses up to 15 mm			
up to 900 mm	41 000 10 61	18.7	 <p>For a perfect symmetric cut in textile conveyor belts up to 15 mm thickness. Usable from both sides. Drive Handle* is removable.</p>
up to 1200 mm	41 000 10 63	22.4	
up to 1500 mm	41 000 10 65	26.1	
up to 1800 mm	41 000 10 72	29.8	
Rotary Belt Cutter TMG - with gear for Belt Thicknesses up to 25 mm			
up to 900 mm	41 000 13 28	22.4	 <p>For a perfect symmetric cut in textile conveyor belts up to 25 mm thickness. Usable from both sides. It comes with a gear for lesser effort. Drive Handle* is removable.</p>
up to 1200 mm	41 000 13 32	26.1	
up to 1500 mm	41 000 13 60	29.8	
up to 1800 mm	41 000 13 72	33.5	
HD Belt Cutter - Belt Thickness 15 - 35 mm			
up to 1200 mm	42 123 00 37	45.1	 <p>For a perfect symmetric cut in textile conveyor belts from 15 - 35 mm thickness. Usable from both sides. designed especially for high tensile belts.</p>
up to 1400 mm	42 123 00 38	47.0	
up to 1600 mm	42 123 00 32	50.9	
up to 1800 mm	42 123 01 00	54.8	
Spare Blades for Belt Cutter			
Spare Blade TMG + HD	46 000 10 67	0.1	 <p>Spare Blade for Belt Cutter ECO + T</p>  <p>Spare Blade for Belt Cutter TMG + HD</p>
Spare Blade T	41 000 20 00	0.1	
* included in delivery			

Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.
410001061	38	411141527	5	411270001	9	421270121	18.27	421292401	17	421292742	16	421391335	14	460001000	25
410001063	38	411141547	5	411294002	8	421270122	18.27	421292402	17	421292743	17	421391350	15	460001036	26
:	:	411141554	5	411294030	8	421270123	18.27	421292403	17	421292744	17	421391600	15	:	:
410001072	38	411141555	5	411294301	7	421270125	18.27	421292404	17	421292745	17	421392017	14	460001049	26
410001328	38	411141556	5	411294401	7	421270126	18.27	421292405	17	421292746	17	421392018	14	460001050	25
410001332	38	411141559	5	411294405	4.7	421270130	16	421292406	17	421292747	19	421392019	14	460001052	26
410001360	38	411141748	6	411294407	4.7	421270133	16	421292407	17	421292761	17	421392020	14	460001053	26
410001372	38	411141749	6	411294408	4.7	421270134	16	421292408	17	421292907	16	421392021	15	460001054	26
410002000	38	411141782	5	411294409	7	421270135	16	421292480	16	421292909	14	421392022	15	460001056	26
411140012	5	411149201	7	411294601	7	421270159	16	421292481	16	421310735	14	421392023	15	460001066	38
411140015	5	411149202	7	411294701	7	421271585	18.27	421292482	16	421310800	14	421392024	15	460001067	38
411140018	5	411149203	7	411295320	8	421280002	16	421292483	16	421310885	14	421392025	14	460001068	38
411140021	5	411149204	7	411295420	8	421280003	16	421292492	16	421311000	14	421392026	15	460001070	25
411140022	5	411149205	7	411295620	8	421280004	16	421292493	16	421311050	14	421394035	28	460001172	31
411140024	5	411161830	22	411295822	11	421280006	16	421292495	16	421311200	14	421394185	28	460001173	31
411140708	5	411162000	23	411295850	24	421280008	16	421292499	16	421311335	14	421394335	28	460001354	31
411140709	5	:	:	411295851	24	421280012	16	421292501	18.27	421311400	14	421394385	28	461001060	24
411140710	5	411162016	23	411304012	4	421280013	16	421292502	18.27	421311585	14	421394585	28	461006010	31
411140712	5	411162030	22	411681444	4	421280016	16	421292503	18.27	421320750	15	421394735	28	461006030	31
411140716	5	411162145	23	411681445	4	421280750	18.27	421292504	18.27	421320800	15	421394785	28	461006040	31
411140717	5	411162146	23	411681446	4	421280785	18.27	421292511	18.27	421320900	15	421394885	28	461006053	31
411140718	5	411162147	23	411681500	4	421280885	18.27	421292514	18.27	421321000	15	421394985	28	461006054	31
411140735	5	411162148	23	411681512	4	421280985	18.27	421292515	18.27	421321050	15	421395035	28	461006055	32
411140738	7	411162149	23	411681514	4	421280986	16	421292519	18.27	421321200	15	421395185	28	461006056	32
411140739	7	411162150	23	411781771	31	421281035	18.27	421292520	19	421321350	15	421395335	28	461006060	31
411140740	7	411162152	23	411781772	31	421281185	18.27	421292521	19	421321400	15	421395385	28	461006125	35
411140741	7	411162154	23	411781774	32	421281335	18.27	421292522	19	421321600	15	421395585	28	461006248	32
411140742	6	:	:	:	:	421281385	18.27	421292523	19	421330735	14	421395735	28	461006249	32
411140743	6	411162161	23	411781780	32	421281585	18.27	421292524	19	421330800	14	421395785	28	461006250	32
411140744	6	411162217	22	411781782	32	421282077	19	421292525	19	421330885	14	421395885	28	461006251	32
411140745	6	411162218	22	411781783	32	421282079	19	421292530	19	421331000	14	421395985	28	461006252	32
411140746	6	411162219	22	413044400	4.8	421282080	19	421292532	19	421331035	14	421400735	14	461006260	35
411140747	6	411162221	22	413044401	9	421282081	19	421292538	15	421331200	14	421400885	14	461006261	35
411140748	6	411162222	22	413044412	9	421282082	19	421292539	15	421331335	14	421401035	14	461006262	35
411140749	7	411162224	22	413044413	9	421282083	19	421292541	18.27	421331400	14	421401335	14	461006300	35
411140750	6	411162226	22	413044414	9	421282084	19	421292548	16	421340735	28	421401585	14	461006301	35
411140751	7	411162227	22	421230000	12.37	421282089	19	421292549	16	421340750	15	421601012	12	461006302	35
411140754	7	411162228	22	421230003	12	421282090	19	421292550	17	421340785	28	421601013	12	461006304	35
411140756	6	411162230	22	421230004	10	421282094	17	421292551	17	421340800	15	421601014	12	461006305	35
411140757	6	411162231	22	421230006	10	421282095	17	421292552	17	421340885	28	421601020	12	461006307	35
411140758	6	411162233	22	421230007	12	421282103	17	421292553	17	421340900	15	421602001	4.8	461006308	35
411140759	7	411162262	22	421230112	10	421282104	17	421292566	19	421340985	28	421602002	4.8	461006309	35
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411140763	6	411170100	25	421230032	38	421282115	17	421292581	14	421341050	15	427012010	33	461006313	35
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411140766	6	411184980	23	421230038	38	421290785	29	421292584	14	421341200	15	427012030	33	:	:
411140767	6	:	:	421230100	38	421290900	29	421292585	15	421341335	28	427012040	33	461006348	35
411140768	6	411184991	23	421230200	10	421290985	29	421292587	14	421341350	15	427012050	33	461006605	34
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411140770	6	411185020	22	421240004	10	421291053	29	421292592	16	421341400	15	427012070	33	461006615	34
411140773	6	411185024	22	421240007	4.10	421291185	29	421292593	16	421341585	28	431213436	11	461006720	34
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411140775	6	411185035	22	421250900	29	421291385	29	421292596	16	421350735	28	431213456	11	461006734	34
411140776	7	411185000	23	421250985	29	421291585	29	421292597	16	421350785	28	431221004	11	461006736	35
411140777	7	411185004	23	421251035	29	421291586	29	421292601	18.27	421350885	28	431221005	11	461006737	35
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411140781	6	411190602	24	421251310	29	421292015	19	421292604	14	421351035	28	431221014	11	461006739	35
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411140785	6	411191200	24	421251585	29	421292018	19	421292701	18.27	421351385	28	433330200	25	461006742	34
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411141415	5	411191400	24	421260985	29	421292025	19	421292706	18.27	421360885	28	460000078	26	:	:
411141416	5	411191600	24	421261052	29	421292032	17	421292709	18.27	421360985	28	460000760	12.37	:	:
411141418	5	411220000	37	421261185	29	421292040	17	421292712	18.27	421361035	28	460000978	31	:	:
411141419	5	411220010	37	421261350	29	421292041	17	421292713	18.27	421361185	28	460000979	31	:	:
411141422	5	411220020	37	421261385	29	421292042	17	421292716	19	421361335	28	460000980	32	:	:
411141423	5	411220030	37	421261585	29	421292043	17	421292718	19	421361385	28	460000981	32	:	:
411141429	5	411251204	37	421270032	16	421292053	17	421292720	19	421361585	28	460000982	31	:	:
411141430	5	411251215	37												

I. Quotation

The documentation pertaining to the quotation such as illustrations, drawings, details of weights and dimensions are only approximately authoritative where they are not expressly designated as binding. The supplier retains the right to ownership and Copyright of all cost estimates, drawings and other papers. These must not be made accessible to third parties. The supplier has an obligation not to make accessible to third parties any plans designated as confidential by the purchaser, without the latter's approval.

II. Scope of the delivery

The written order confirmation from the supplier is definitive for the scope of the delivery. In the case of a quotation from the supplier with a time commitment and timely acceptance, the quotation is definitive, where there is no confirmation of the Order in good time. Supplementary agreements and changes require the written confirmation of the supplier.

III. Price and payment

1. In the absence of any special agreements the prices are ex works, including loading at the factory, but excluding packing. VAT at the applicable statutory rate must be added to the prices.

2. In the absence of any special agreement payment is to be made in cash with no deductions and free of charge at the supplier's point of payment within 30 days after dispatch.

We grant a discount of 2% if the payment is carried out within 14 days after dispatch.

3. The withholding of payments or the offsetting of any counter claims by the purchaser which are disputed by supplier are not permitted.

4. For orders of less than EUR 50,- nett invoice value we charge a handling charge of additional EUR 15,- for each order.

5. In case of disproportional increases of costs such as labour or material costs we preserve the right for price adaptations even within the period of validity of this price list.

IV. Delivery time

1. The delivery time begins with the sending of the order confirmation but not before the purchaser furnishes the documents, approvals, clearances to be provided and also the arrival of the agreed down payment.

2. The delivery times will be extended commensurately in the event of actions which form part of labour disputes, especially strikes and lockouts and also in the event of any unforeseen impediments which are outside the control of the supplier where such impediments can be shown to have a considerable influence of the manufacture or shipment of the object being supplied. This also applies when these circumstances occur at sub-suppliers. The circumstances described are also not to be blamed by the supplier when they arise during an already existing delay. In important cases the supplier will notify the purchaser of the beginning and end of such impediments as soon as possible.

3. The delivery times has been adhered to if by the time it expires the object being supplied has left the factory or its readiness for despatch has been notified.

4. When damage is suffered by the purchaser as a result of delay which has occurred due to the supplier, the purchaser is entitled to request compensation for the delay, to the exclusion of further claims. For each full week of lateness this will amount to 1/2 of 1%, but at the most 5% of the value of that part of the total delivery which as a result of the delay cannot be utilised in good time or in accordance with the contract.

5. If despatch is delayed at the wish of the purchaser he will be charged for the cost of storage beginning one month after indication of readiness for despatch, for storage at the supplier's factory however at least 1/2 of 1% of the invoiced amount for each month. The supplier however is entitled after setting a suitable period and its fruitless expiry to make other use of the object being supplied and to supply the purchaser over a suitable extended period.

6. Adherence to the delivery period assumes the purchaser meets his contractual obligations.

V. Transfer of risk and acceptance

1. The risk is transferred to the purchaser at the latest upon despatch of the supplied parts, i.e. even if partial deliveries are made or the supplier has taken on further services such as the costs

of despatch or transport and setting up. At the request of the purchaser, and at his expense, the shipment can be insured against theft, breakage, transport, fire and water damage and other insurable risks.

2. If the despatch is delayed as a result of circumstances which are the fault of the purchaser, then the risk is transferred to the purchaser from the day of readiness for despatch; the supplier is however under an obligation, at the wish and expense of the purchaser, to effect insurance which the latter request.

3. Objects supplied, even if they exhibit insignificant defects, are to be accepted by the purchaser regardless of the rights under section VII.

4. Partial deliveries are permissible.

VI. Right of ownership

1. The supplier retains the right of ownership to objects supplied until the arrival of all payments under the contract to supply.

2. The supplier is entitled to insure the object supplied against theft, breakage, transport, fire and water damage and other damage at the purchaser's expense when the purchaser has not shown that he has taken out that insurance himself.

For defects in the delivery, which includes the absence of the properties explicitly promised, the supplier has the following obligations, to the exclusion of further claims regardless of section IX, 4.

VII. Liability for defects in the delivery

1. All parts which within six month of commissioning prove to be unusable or whose usability is significantly impaired as a result of a state of affairs which was present before the transfer of risk, particularly due to faulty construction, poor material or bad workmanship will be repaired or supplied new at the choice of the supplier, as he judges best.

The discovery of such defects is to be reported to the supplier in writing without delay. Replaced parts become the property of the supplier. If despatch, set up or commissioning is delayed, without blame being attached to the supplier then this liability expires at the latest 12 month after the transfer of risk. For essential third party products the supplier's liability is limited to the transfer of the entitlement to liability which exists vis a vis the sub-supplier of the third party product.

2. The right of the purchaser to assert claims due to defects expires in all cases in 6 months from the time of the punctually made complaint, or upon the expiry of the warranty period.

3. No warranty is taken on for damage which occurs due to the following reasons; unsuitable or improper use, incorrect fitting or incorrect repair by the purchaser or by a third party, natural wear and tear, incorrect or negligent treatment, unsuitable operating materials, replacement materials defective construction work, unsuitable construction site, chemical, electro-chemical or electrical effects for which the blame cannot be attributed to the supplier.

4. To allow the repairs and the supply of replacements to be carried out, which appear necessary in the best judgment of the supplier the purchaser, after agreement with the supplier, must provide the necessary time and opportunity otherwise the supplier is released from his obligation for the defect. Only in urgent cases where operational safety is a risk or to avoid disproportionately large damage, whereupon the supplier must be made aware immediately, or if the supplier is delayed in eliminating the defect, the purchaser has the right to eliminate the defect himself or have it eliminated by a third party and to demand reimbursement of the necessary costs from the supplier.

5. Of the direct costs incurred by the repairs of the supply of replacements the supplier will - insofar as the complaint is shown to be justified- bear the cost of the replacement items including the despatch, plus the reasonable costs for the removal and fitting and furthermore, where this can be rightly requested depending on the situation of the individual case, any necessary costs for providing his mechanics and assistants. The purchaser generally bears all other cost.

6. The warranty period on the replacement items and the repair is three months, but this will run until the time of the expiry of the original warranty period for the object supplied. If repairs are necessary the period of liability for the object supplied will be extended by the length of the interruption in operation caused by this.
7. Any modifications or repair work carried out on the part of the purchaser or a third party either inexpertly or without the prior approval of the supplier will cancel the liability for the consequences such actions.
8. Further claims by the purchaser, especially claims for damage which did not occur on the supplied object itself are excluded. The exclusion of liability does not apply if the owner or leading the owner or leading employee, the supplier is only liable for sensibly foreseeable damage typical of the contract. The exclusion of liability also does not apply in cases where in accordance with the product liability law liability is accepted for damage to persons or property on privately used objects, where faults exist on the object supplied. It also does not apply when properties.

VIII. Liability for associated obligation

When, through the fault of the supplier, the object supplied cannot be used by the purchaser in accordance with the contract as a result of omitted or incorrect implementation of suggestions or advice which occurred before or after conclusion of the contract and also other obligations related to the contract, especially instructions for the operation and maintenance of the object supplied then the rulings in Section VII and IX apply appropriately, to the exclusion of further claims by the purchaser.

IX. The rights of the purchaser to withdrawal, variation and other liability of the supplier

1. The purchaser can also withdraw from the contract if the whole provision of supplies and/or services becomes completely impossible for the supplier before the transfer of risk. The same applies in the event of the supplier's inability to deliver. The purchaser can also withdraw from the contract, for an order of objects of the same type, the implementation of a part of the delivery becomes impossible with respect to quantity or he has a justified interest in refusing a partial delivery, if this is not the case the purchaser can reduce the counter payment to suit.
2. If a delivery delay exists as defined under Section IV of the Conditions of Supply and if the purchaser grants the supplier who is in arrears with the delivery a suitable extension period with an explicit declaration that after the expiry of this period he will refuse to accept the goods and/or services, and if this extended deadline is not met, then the purchaser is entitled to withdraw.
3. If the impossibility occurs during the delay in acceptance or due to the fault of the purchaser then the purchaser remains obliged to make the counter payment.
4. The purchaser also has the right to cancellation of the contract if the supplier, through his own fault, allows a suitable extension period granted to him for repairs of the supply of replacements with regard to a defect, as defined in the conditions of supply and attributable to him, to expire fruitlessly. The right of the purchaser to cancellation of the contract also exists in other cases of failure of the supplier to repair or supply a replacement.
5. Further claims by the purchaser are excluded, especially to termination or reduction and also to compensation for damages of any kind i.e. also for any damages which did not occur on the supplied object itself. This exclusion of liability does not apply if the owner or leading employee have acted with intent or gross negligence and also if there has been blameworthy violation of essential obligations under the contract. In the event of blameworthy violations of essential obligations under the contract, except in cases of intent or gross negligence by the owner or leading employee, the supplier is only liable for sensibly foreseeable damage typical of the contract. The exclusion of liability also does not apply in cases where in accordance with the product liability law liability is accepted for damage to persons or property on privately used objects, where faults exist on the object supplied. It also does not apply when properties are absent which were expressly promised when the promise had the intention of covering the purchaser against damage which did not arise on the supplied object itself.

X. Court of jurisdiction

If the purchaser is a fully qualified merchant, a legal personage in public law or a legally separate property proceedings for all disputes arising from a contractual relationship are to be taken at the court with jurisdiction for the supplier's head office or the branch of the supplier which made the delivery. The supplier is also entitled to take proceedings against the buyer at the court of jurisdiction for his head office.

MATO GmbH & Co. KG
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Germany



Global Expertise in Belt Maintenance Products



Valid from 01 January 2015 · All previous price lists are superseded by this price list.



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