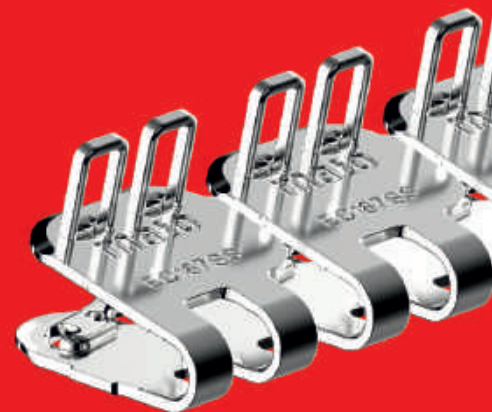


Belt Maintenance Equipment - Belt Lacing <750kN/m



mato Catalogue 2022-LD

mato



MATO GmbH & Co KG, Main Production Facility and Administration Headquarters, Mülheim a.M., Germany

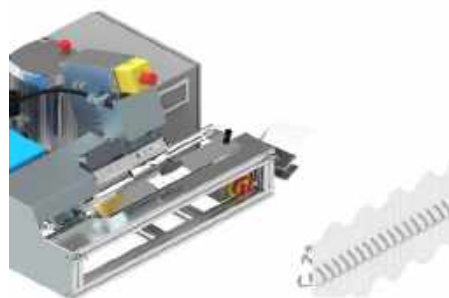
Table of Contents

Belt Lacing Systems for Light Tensile Conveyor Belts

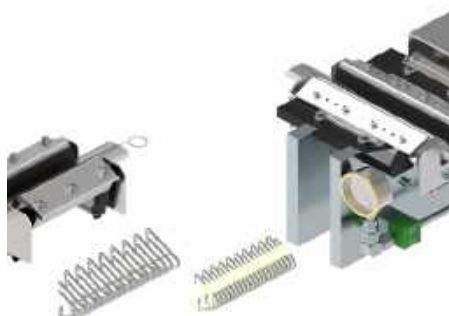
mato



High Performance Plate Fasteners U24 and Accessories	3
High Performance Plate Fasteners H24 and Accessories	9
Accessories for Systems U24 / H24,	13
Connecting Pins for Systems U24 / H24	15



PATCH-Fastener Series M50-P and M60-P for laundry Industry (cut to length)	17
Low Profile Fastener Series M50, M60 (without PATCH) for laundry Industry (cut to length)	28
Installation Tools and Accessories for PATCH-Fasteners	22
Accessories and Connecting Pins	24



Low Profile Fastener Series M50, M60, M70	30
Round Wire Fastener Series R70, R80, and R20, R30	35
Installation Tools and Accessories for Low Profile and Round Wire Fasteners	39
Connecting Pins for Low Profile and Round Wire Fasteners	44

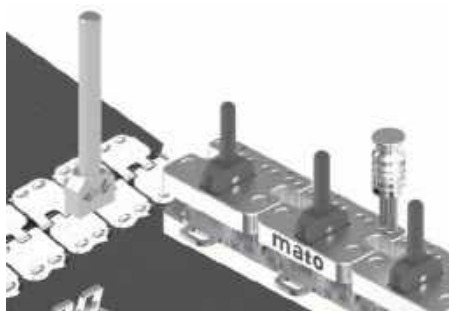


Plate Fasteners EasyClip	47
Accessories and Connecting Pins for System EasyClip	59
Hammer Installed Fasteners D70, D80	60
Hammer Installed Fasteners S80	63



Spiral Fasteners Y (Non-metallic)	64
Connecting Pins for Spiral Fasteners Y	65
MAT0 Bond, Belt repair 2 Component PU Systems	66

1,2,3.. §... Abc.....§....

Order Number Index, Terms & Conditions, General Remarks	67
---	----

Please Note : Pictures may differ from original product.

mato

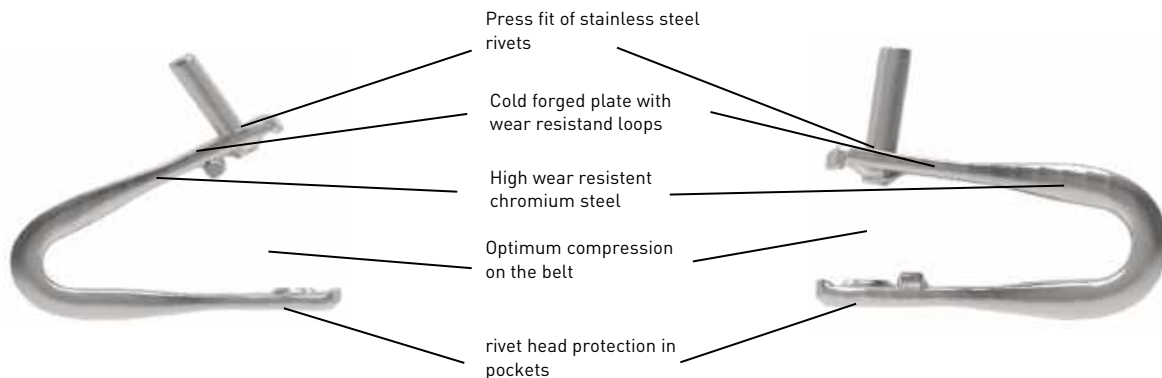


The High Performance Fasteners U24 and H24 have been developed for very high wear applications such as spliced belts used in Round Balers. They are proven to be the highest performing splice on the market due to high strength and long splice life and will perform equally well in other applications.

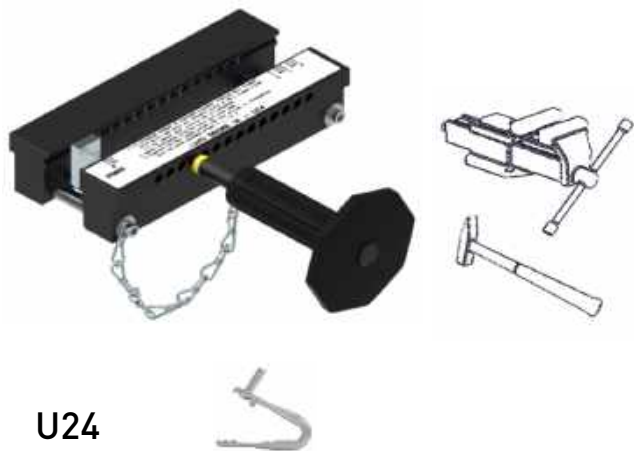
Note:

The U24 fastener is suitable for belts in the range of 4 - 7 mm thickness.

The H24 fastener is only suitable for belts in the range of 5 - 6 mm thickness.



The U24 is installed in the belt using a vice lacer and the H24 is installed using a hammer lacer. The MATO fastener features resulting in high durability are highlighted below. The method of installation of the U24 and H24 fasteners are two separate systems described below.



U24

High Performance Fastener U24 (Vice installation with Vice Lacer)

The U24 fastener is designed specially to be installed with a vice tool as seen above.

The rivets can be installed using a hammer and hand punch or alternatively with a pneumatic hammer and punch.

For volume lacing a pneumatic-hydraulic Vice Lacer (Power-Vice 25) is available. For even higher volume lacing an automatic state of the art electro hydraulic (HEM) lacing machine is available.



H24

High Performance Fastener H24 (Hammer Lacer is required)

With this system there is no requirement for a vice at the work place. The MATO hammer lacer just requires a flat level base for installation. The fasteners are slightly pre-bent for ease of installation.

The lacer can be used for multi step lacing for wider belts or alternatively the hammer lacer is offered in different widths.

The MATO Connecting Pins are aligned in design and material composition to the MATO Fasteners.

Choosing the right Connecting Pin is an important contribution to reach the optimum performance of the splice in your application.

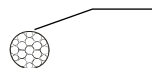
	U24AS	U24BS	U24CS	Belt Width (mm)	Fastener Strip Length (mm)	Number of Fasteners	Connecting Pin Length (mm)
Hammer Installed Fasteners for "Bench Vice Lacers"				100 - 110	76,5	7	88
Hammerinstalled Fasteners without "Bench Vice"	-		-	111 - 121	87,5	8	99
	K1	K2	K2	122 - 132	98,5	9	110
	O1K	O2K	O2K	133 - 143	109,5	10	121
	T1F	T2F	T2F	144 - 154	120,5	11	132
Belt Strength (kN/m)	Up to 520	Up to 520	Up to 520	155 - 165	131,5	12	143
Min. Pulley Ø (mm)	75	75	75	166 - 176	142,5	13	154
Belt Thickness (mm)	4 - 5	5 - 6	6 - 7	177 - 187	153,5	14	165
				188 - 198	164,5	15	176
				199 - 209	175,5	16	187
				210 - 220	186,5	17	198
				221 - 231	197,5	18	209
				232 - 242	208,5	19	220
				243 - 253	219,5	20	231
				254 - 264	230,5	21	242
				265 - 275	241,5	22	253
				276 - 286	252,5	23	264
				287 - 297	263,5	24	275
				298 - 308	274,5	25	286
				309 - 319	285,5	26	297
				320 - 330	296,5	27	308
				331 - 341	307,5	28	319
				342 - 352	318,5	29	330
				353 - 363	329,5	30	341
				364 - 374	340,5	31	352
				375 - 385	351,5	32	363

Connecting Pins	High Tension Application	Troughing	Flexibility	No Troughing	Rust Resistant	Chemical Resistant	Wear Properties	Magnetic
K1 / K2	●●●○○	●●●○○	●●●●○	●●●○○	●●●○○	○○○○○	●●○○○	yes
O1K / O2K*	●●●●○	●●●●○	●●●●○	●●●●○	●●●●○	●○○○○	●●●○○	yes
T1F / T2F*	●●●●●	○○○○○	●○○○○	●●●●●	○○○○○	○○○○○	●●●●●	yes

poor ○○○○○

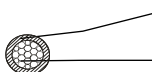
excellent ●●●●●

K1 / K2



High Tensile Galvanized Steel Cable

O1K / O2K



Wrap : Special Steel

T1F / T2F



Notched Spring Steel

Belt Width mm	Description	Order No.	PU
Belt Fastener U24AS, without Connecting Pin			
Belt thickness 4.0-5.0			
188-198	U24AS/12-15	41 114 24 05	12
221-231	U24AS/10-18	41 114 24 13	10
Belt Fastener U24BS, without Connecting Pin			
Belt thickness 5.0-6.0			
120-130	U24BS/12-9	41 129 60 89	12
155-165	U24BS/12-12	41 114 24 14	12
166-176	U24BS/12-13	41 129 60 50	12
177-187	U24BS/12-14	41 114 23 99	12
188-198	U24BS/12-15	41 114 24 01	12
210-220	U24BS/10-17	41 129 59 37	10
221-231	U24BS/10-18	41 114 24 15	10
232-250	U24BS/8-20	41 129 69 16	8
276-286	U24BS/8-23	41 129 59 15	8
298-308	U24BS/8-25	41 114 24 16	8
364-374	U24BS/8-31	41 114 24 17	8
375-385	U24BS/8-32	41 129 59 40	8
Belt Fastener U24CS, without Connecting Pin			
Belt thickness 6.0-7.0			
188-198	U24CS/12-15	41 114 24 06	12
210-220	U24CS/10-17	41 129 61 20	10
221-231	U24CS/10-18	41 114 59 16	10
276-286	U24CS/8-23	41 129 69 22	8
Belt Fastener U24AS, with Connecting Pin T1F (Dia. 3.0 mm)			
Belt thickness 4.0-5.0			
155-165	U24AS/12-12/T1F142	41 114 24 35	12+
188-198	U24AS/12-15/T1F175	41 114 24 02	12+
Belt Fastener U24BS, with Connecting Pin T2F (Dia. 3.4 mm)			
Belt thickness 5.0-6.0			
100-110	U24BS/12-07/T2F088	41 114 92 20	12+
111-121	U24BS/12-08/T2F099	41 114 92 21	12+
122-132	U24BS/12-09/T2F110	41 129 59 90	12+
133-143	U24BS/12-10/T2F121	41 114 92 22	12+
144-154	U24BS/12-11/T2F132	41 114 92 23	12+
155-165	U24BS/12-12/T2F143	41 114 24 09	12+
166-176	U24BS/12-13/T2F154	41 114 60 50	12+
177-187	U24BS/12-14/T2F165	41 114 23 98	12+
188-198	U24BS/12-15/T2F176	41 114 24 00	12+
199-209	U24BS/10-16/T2F187	41 114 92 24	10+
210-220	U24BS/10-17/T2F198	41 129 60 55	10+
221-231	U24BS/10-18/T2F209	41 114 24 07	10+
232-242	U24BS/10-19/T2F220	41 114 92 25	10+
243-253	U24BS/8-20/T2F231	41 129 59 95	8+
254-264	U24BS/8-21/T2F242	41 114 92 26	8+
265-275	U24BS/8-22/T2F253	41 114 92 27	8+
276-286	U24BS/8-23/T2F264	41 114 24 18	8+
287-297	U24BS/8-24/T2F275	41 114 92 28	8+
298-308	U24BS/8-25/T2F286	41 114 24 19	8+
309-319	U24BS/8-26/T2F297	41 114 92 29	8+
320-330	U24BS/8-27/T2F308	41 114 92 30	8+
331-341	U24BS/8-28/T2F319	41 114 92 31	8+
342-352	U24BS/8-29/T2F330	41 114 92 32	8+
353-363	U24BS/8-30/T2F341	41 114 92 33	8+



Rivets: **Stainless Steel 304**
Plate Material: **Chromium Steel 430**

- High compression in the belt
- Rivets are press fit rivets in the plate.
- Cold forged plate and loops for highest strengths
- High wear resistance and long life properties

- Min. Pulley Diameter 75mm
- Belt Strength up to 520 kN/m

Packing Units :
e.g. PU 10 includes 10 strips of fasteners.
Strip length can easily be shortened.



Material of Connecting Pin:
Notched Spring Steel

Fasteners: as described above

Packing Units:
e.g. PU 10+ includes 10 strips of fasteners
+ 5 connecting pins.
Strip length can easily be shortened.

Belt Width mm	Description	Order No.	PU
------------------	-------------	-----------	----

Belt Fastener U24BS, with Connecting Pin T2F (Dia. 3.4 mm)

Belt thickness 5.0-6.0

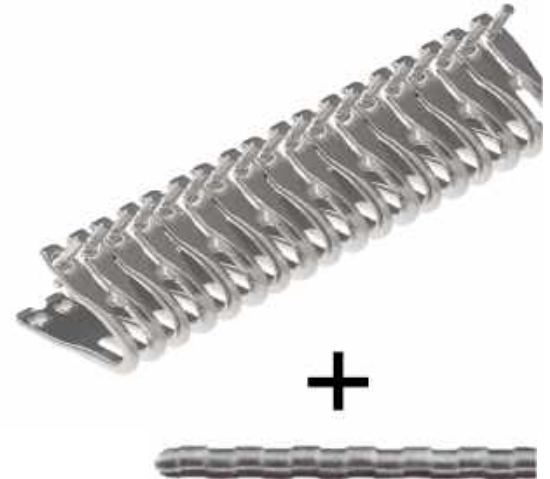
364-374	U24BS/8-31/T2F352	41 114 24 20	8+
375-385	U24BS/8-32/T2F363	41 129 59 41	8+

Rivets: Stainless Steel 304
Plate Material: Chromium Steel 430

Belt Fastener U24CS, with Connecting Pin T2F (Dia. 3.4 mm)

Belt thickness 6.0-7.0

100-110	U24CS/12-07/T2F088	41 114 92 40	12+
111-121	U24CS/12-08/T2F099	41 114 92 41	12+
122-132	U24CS/12-09/T2F110	41 114 92 42	12+
133-143	U24CS/12-10/T2F121	41 114 92 43	12+
144-154	U24CS/12-11/T2F132	41 114 92 44	12+
155-165	U24CS/12-12/T2F143	41 114 92 45	12+
166-176	U24CS/12-13/T2F154	41 114 92 46	12+
177-187	U24CS/12-14/T2F165	41 114 92 47	12+
188-198	U24CS/12-15/T2F176	41 114 24 03	12+
199-209	U24CS/10-16/T2F187	41 114 92 48	10+
210-220	U24CS/10-17/T2F198	41 114 60 56	10+
221-231	U24CS/10-18/T2F209	41 129 59 10	10+
232-242	U24CS/10-19/T2F220	41 114 92 49	10+
243-253	U24CS/8-20/T2F231	41 114 92 50	8+
254-264	U24CS/8-21/T2F242	41 114 92 51	8+
265-275	U24CS/8-22/T2F253	41 114 92 52	8+
276-286	U24CS/8-23/T2F264	41 129 69 10	8+
287-297	U24CS/8-24/T2F275	41 114 92 53	8+
298-308	U24CS/8-25/T2F286	41 114 92 54	8+
309-319	U24CS/8-26/T2F297	41 114 92 55	8+
320-330	U24CS/8-27/T2F308	41 114 92 56	8+
331-341	U24CS/8-28/T2F319	41 114 92 57	8+
342-352	U24CS/8-29/T2F330	41 114 92 58	8+
353-363	U24CS/8-30/T2F341	41 114 92 59	8+
364-374	U24CS/8-31/T2F352	41 114 92 60	8+
375-385	U24CS/8-32/T2F363	41 114 92 61	8+



Material of Connecting Pin:
Notched Spring Steel

- High compression in the belt
- Rivets are press fit rivets in the plate.
- Cold forged plate and loops for highest strengths
- High wear resistance and long life properties

- Min. Pulley Diameter 75mm
- Belt Strength up to 520 kN/m

Packing Units:

e.g. PU 10+ includes 10 strips of fasteners
+ 5 connecting pins.
Strip length can easily be shortened.

Description	Width	Order No.
-------------	-------	-----------

U24 Vice Lacer Profi

Every Vice Lacer is supplied with a hand punch. The lacers are designed to be used in a bench vice, Profi 5-55 will hold 5 hooks at a time and the Profi 19-209 will hold 19 hooks at a time etc. For example: If you want to install a splice with 17 fasteners (187 mm), the installation is made in four steps using the Profi 5-55 and in one step, using the Profi 19-209.

Profi 5-55 55 mm 41 129 58 82
incl. Punch

Profi 19-209 209 mm 41 129 58 17
incl. Punch and prepared for mounting an optional Rivet Flattening Bar

Profi 25-275 275 mm 41 129 58 49
incl. Punch and prepared for mounting an optional Rivet Flattening Bar

Punch U24 41 129 58 25
(Spare)

Hammer 05 44 121 02 03
(500g, for U24-Spllices)

Vice Lacer Profi 19-209



Punch

Accessories for Vice Lacer

A Rivet Flattening Bar can be mounted to the Profi19 and Profi 25 optionally. This way, the rivet heads can be flattened after the installation with the Vice Lacer.

Rivet Flattening Bar 19 RS 41 129 80 08
for Profi 19

Rivet Flattening Bar 25 RS 41 129 80 07
for Profi 25



Hydraulic Installation Units U24 / pneumatic drive

Installation Unit POWERVICE 25 replaces the conventional Vice by means of a pneumatically driven Hydraulic Power Pack (minimum 4 bar air pressure necessary).

Belt Fasteners U24 are pressed onto the belt directly during the pneumatic closing movement. Then the rivets can be punched using a Pneumatic Hammer. The splice is completed by pivoting the Rivet Flattening Bar and by repeated punching with the Pneumatic Hammer.

This installation tool can hold up to 25 Fastener segments (275 mm strip length).

POWER-VICE 25-275 275 mm 41 129 58 18
(Pneumatic-Hydraulic Installation)



For processing bigger quantities, we can offer hydraulic lacers (HEM) as well. Please feel free to ask us.

Description

Order No.

U24 Belt Lacing Kit

Profi 19 Installation Set U24

41 129 58 30

Profi Belt Lacing Set consists of:

- Vice Lacer Profi 19
- Belt Skiver 18 Pro (skiving depth adjustable)
- Pneumatic Hammer with Punch
- Tool box



Belt Width mm	Description	Order No.	PU
Belt Fastener H24BS, without Connecting Pin			
Belt thickness 5.0-6.0			
177-187	H24BS/12-14	41 115 23 99	12
188-198	H24BS/12-15	41 115 24 01	12
210-220	H24BS/10-17	41 115 24 06	10
221-231	H24BS/10-18	41 115 24 07	10
276-286	H24BS/8-23	41 115 24 08	8
298-308	H24BS/8-25	41 115 24 09	8
353-363	H24BS/6-30	41 115 24 02	6

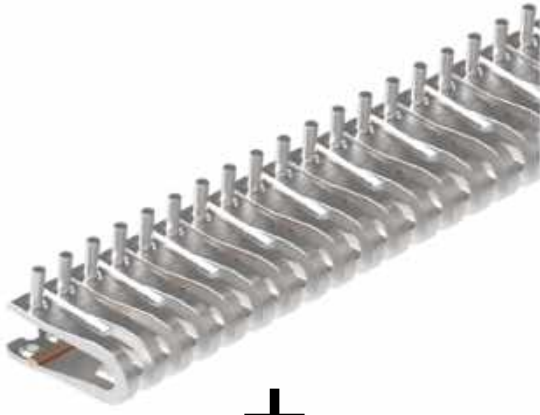


Rivets: **Stainless Steel 304**
Plate Material: **Chromium Steel 430**

- High compression in the belt
- Rivets are a press fit rivets in the plate.
- Cold forged plate and loops for highest strengths
- High wear resistance and long life properties

Packing Units:
e. g. PU 10 includes 10 strips of fasteners. Strip length can easily be shortened.

Belt Fastener H24BS, with Connecting Pin T2F (Dia. 3.4 mm)			
Belt thickness 5.0-6.0			
100-110	H24BS/12-07/T2F088	41 115 60 76	12+
111-121	H24BS/12-08/T2F099	41 115 60 77	12+
122-132	H24BS/12-09/T2F110	41 115 60 78	12+
133-143	H24BS/12-10/T2F121	41 115 60 79	12+
144-154	H24BS/12-11/T2F132	41 115 60 80	12+
155-165	H24BS/12-12/T2F143	41 115 60 81	12+
166-176	H24BS/12-13/T2F154	41 115 60 82	12+
177-187	H24BS/12-14/T2F165	41 115 23 98	12+
188-198	H24BS/12-15/T2F176	41 115 60 83	12+
199-209	H24BS/10-16/T2F187	41 115 60 84	10+
210-220	H24BS/10-17/T2F198	41 115 24 12	10+
221-231	H24BS/10-18/T2F209	41 115 24 10	10+
232-242	H24BS/10-19/T2F220	41 115 60 85	10+
243-253	H24BS/8-20/T2F231	41 115 60 86	8+
254-264	H24BS/8-21/T2F242	41 115 60 87	8+
265-275	H24BS/8-22/T2F253	41 115 60 88	8+
276-286	H24BS/8-23/T2F264	41 115 24 11	8+
287-297	H24BS/8-24/T2F275	41 115 60 89	8+
298-308	H24BS/8-25/T2F286	41 115 25 15	8+
309-319	H24BS/8-26/T2F297	41 115 60 90	8+
320-330	H24BS/8-27/T2F308	41 115 60 91	8+
331-341	H24BS/8-28/T2F319	41 115 60 92	8+
342-352	H24BS/8-29/T2F330	41 115 60 93	8+
353-363	H24BS/8-30/T2F341	41 115 24 03	8+
364-374	H24BS/8-31/T2F352	41 115 60 94	8+
375-385	H24BS/8-32/T2F363	41 115 60 95	8+



Material of Connecting Pin:
Notched Spring Steel

Fasteners: as described above

Packing Units:
e.g. PU 10+ includes 10 strips of fasteners
+ 5 Connecting Pins.
Strip length can easily be shortened.

Description

**Working
Width**

Order No.

H24 Profi Installation Units + Accessories

The Profi Installation Units are designed to be used on a work bench or any flat solid base. It might be also used directly on site.

All Profi tools can be used for continuous splicing.

Using a 300g hammer or a pneumatic hammer to install the the fasteners.

Profi 15-180	180 mm	41 129 69 61
Profi 15-350	350 mm	41 129 69 62
Profi 15-500	500 mm	41 129 69 65
Profi 30-1000	1000 mm	41 129 70 10



Installation Unit H24 Profi 15-180

Guide Block H24 Profi 15 41 129 70 00
common to all 24 - Profi Installation Units

Guide Block H24 Profi 30 41 129 70 11
recommended only for H24 - Profi 30-1000
(without picture)

Punch H24 Profi 41 129 69 74
(Spare)



Description	Width	Order No.
-------------	-------	-----------

Installation Units H24 ECO + Accessories

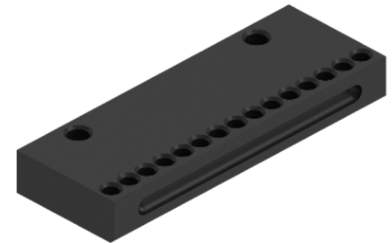
The Eco Installation Units are designed to be used on a work bench or any flat solid base. It might be also used directly on site. All Eco tools can be used for continuous splicing. Using a 300g hammer or a pneumatic hammer to install the the fasteners.

Eco 15-180	180 mm	41 129 69 63
------------	--------	--------------

Eco 15-350	350 mm	41 129 69 64
------------	--------	--------------

Guide Block H24 Eco15 for Eco Installation Units		41 129 69 99
---	--	--------------

Punch H24 Eco (Spare)		41 129 69 75
--------------------------	--	--------------



H24 Belt Lacing Set

Profi 15-180 Basis Set	180 mm	41 129 69 68
------------------------	--------	--------------

Profi 15-350 Basis Set	350 mm	41 129 69 69
------------------------	--------	--------------

Profi 180 or 350 Basis Set

consists of :

- Profi Installation Unit 180 or 350
- Belt Skiver 18
- Hammer 300g
- Tool box



Description	Working Width	Order No.
-------------	---------------	-----------

Installation Units H24 BALERTOOL 5-55

The Balertool is a small convenient hammer tool for the installation of H24 fasteners. To be used on a work bench or any flat solid base. It might be also used directly on site. The tool life is limited compared with Eco and Profi installation units .

BALERTOOL 5-55

38 001 23



Usage movie

H24 BS Eco-Belt Lacing Set, with Connecting Pin T2F

Belt Width mm	Description	Order No.	PU
---------------	-------------	-----------	----

177-187	H24BS/4-14/T2F165	38 001 54	4+
188-198	H24BS/4-15/T2F175	38 001 30	4+
210-220	H24BS/4-17/T2F197	38 001 47	4+
221-231	H24BS/4-18/T2F208	38 001 61	4+

Hammer 03
(300g, for H24 Splices)

44 121 02 02



Packing Units:

e.g. PU 4+ includes: 4 strips of H24BS fasteners and 2 connecting pins T2F

Description

Order No.

Pneumatic Hammer Profi
including Punch L U24/H24
for use with U24/H24 Systems
(see pages 6 and 9)

41 129 58 06

Punch L U24/H24
for Pneumatic Hammer Profi
including replaceable spacer ring

41 129 58 07

The Punch is equipped with a spacer ring.
This way, the Punch can be used for system U24 as well as for system H24



Belt Cutter and More Accessories

The Portable pull cutter is used for a square cut up to 300 mm or 600 mm width. In combination with the Belt Skivers it might be used as a clamping support.

Belt Cutter TGS 300
(for belt widths up to 300 mm)

46 430 00 12

Belt Cutter TGS 600
(for belt widths up to 600 mm)
(no image)

42 511 06 00

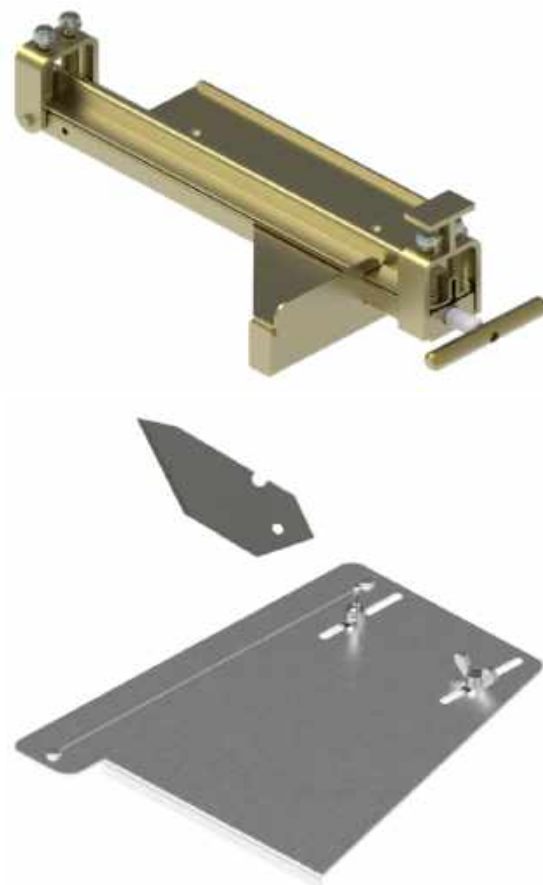
Spare Blade
for portable Belt Cutter TGS
(PU 5)

46 400 10 26

Squaring Template BB
(for belt widths 175mm-230mm)

41 129 69 50

The aluminum template can be used at belt width from 175 to 230. A slot will guide the belt knife when



Description

Order No.

Belt Edge Chamfer Tool 25

The Chamfer Tool accurately notches the corners of the belt using guide lines.

41 129 60 97

Spare Blade

for Chamfer Tool 25 (PU 10)

42 050 10 11

Belt Skiver 18

Skiving Width 18 mm
Double sided Blade

41 129 58 27

Spare Blade GH18

Double sided Blade
for Belt Skiver 18 (PU 5)

41 129 58 28

Belt Skiver 18R

Skiving Width 18 mm
Single sided reinforced Blade (PU1)

41 130 58 27

Spare Blade GH18R

for Belt Skiver 18 R and 18 Pro (PU 1)
Single sided reinforced Blade

41 130 58 28

Belt Skiver 25R

Skiving Width 25 mm
Single sided reinforced Blade

41 129 68 01

Spare Blade GH25R

for Belt Skiver 25 (PU 1)

41 129 68 02

Belt Skiver 18 Pro

Skiving Width 18 mm
Single sided reinforced Blade

41 130 58 29

Belt Marker

Belt Marker durably marks conveyor belts. Marking depth approx. 0.8 mm, width approx. 2.0 mm

38 559 70



One pass with the adjustable Belt Skiver 18 reduces the belt cover leaving 5-6 mm of belt thickness. The adjustable Hold-down Device allows processing even worn belts up to a maximum of 10 mm belt thickness. The Belt Skivers 18R and 25R have a reinforced skiving blade ensuring an accurately uniform skived belt.



Description	Min. Dia.	PU / Length	Order No.
-------------	-----------	-------------	-----------

Connecting Pin T..F Notched Spring Steel

T1F	3,0 mm	6x 176 mm	41 129 59 60
T1F	3,0 mm	5x 208 mm	41 129 59 64
T2F	3,4 mm	6x 88 mm	41 129 80 20
T2F	3,4 mm	6x 99 mm	41 129 80 21
T2F	3,4 mm	6x 110 mm	41 129 60 78
T2F	3,4 mm	6x 121 mm	41 129 80 22
T2F	3,4 mm	6x 132 mm	41 129 80 23
T2F	3,4 mm	6x 143 mm	41 129 58 90
T2F	3,4 mm	6x 154 mm	41 129 59 08
T2F	3,4 mm	6x 165 mm	41 129 58 92
T2F	3,4 mm	6x 176 mm	41 129 58 08
T2F	3,4 mm	5x 187 mm	41 129 80 24
T2F	3,4 mm	5x 198 mm	41 129 59 09
T2F	3,4 mm	5x 209 mm	41 129 58 16
T2F	3,4 mm	5x 220 mm	41 129 80 25
T2F	3,4 mm	5x 231 mm	41 129 80 26
T2F	3,4 mm	4x 242 mm	41 129 60 59
T2F	3,4 mm	4x 253 mm	41 129 80 27
T2F	3,4 mm	4x 264 mm	41 129 59 11
T2F	3,4 mm	4x 275 mm	41 129 80 28
T2F	3,4 mm	4x 286 mm	41 129 59 18
T2F	3,4 mm	4x 297 mm	41 129 80 29
T2F	3,4 mm	4x 308 mm	41 129 80 30
T2F	3,4 mm	4x 319 mm	41 129 80 31
T2F	3,4 mm	4x 330 mm	41 129 80 32
T2F	3,4 mm	3x 341 mm	41 129 59 19
T2F	3,4 mm	3x 352 mm	41 129 80 33
T2F	3,4 mm	3x 363 mm	41 129 59 42



Material:
Notched Spring Steel

Low wear, long life time especially in conveyor belts for round balers.

PU
e. g. 6 x 165 mm
Box content: 6 Connecting Pins 165 mm long

Connecting Pin O..K High Tensile Stainless Chromium-Nickel Stranded Cable

O1K	3.0 mm	10 Meter	41 129 59 88
O1K	3.0 mm	30 Meter	41 129 59 89
O2K	3.4 mm	10 Meter	41 129 59 23
O2K	3.4 mm	30 Meter	41 129 59 24



Material
Core: **Stainless Chromium-Nickel Cable**
Wrap: **Special Steel**

Connecting Pin K.. High Tensile Galvanized Cable

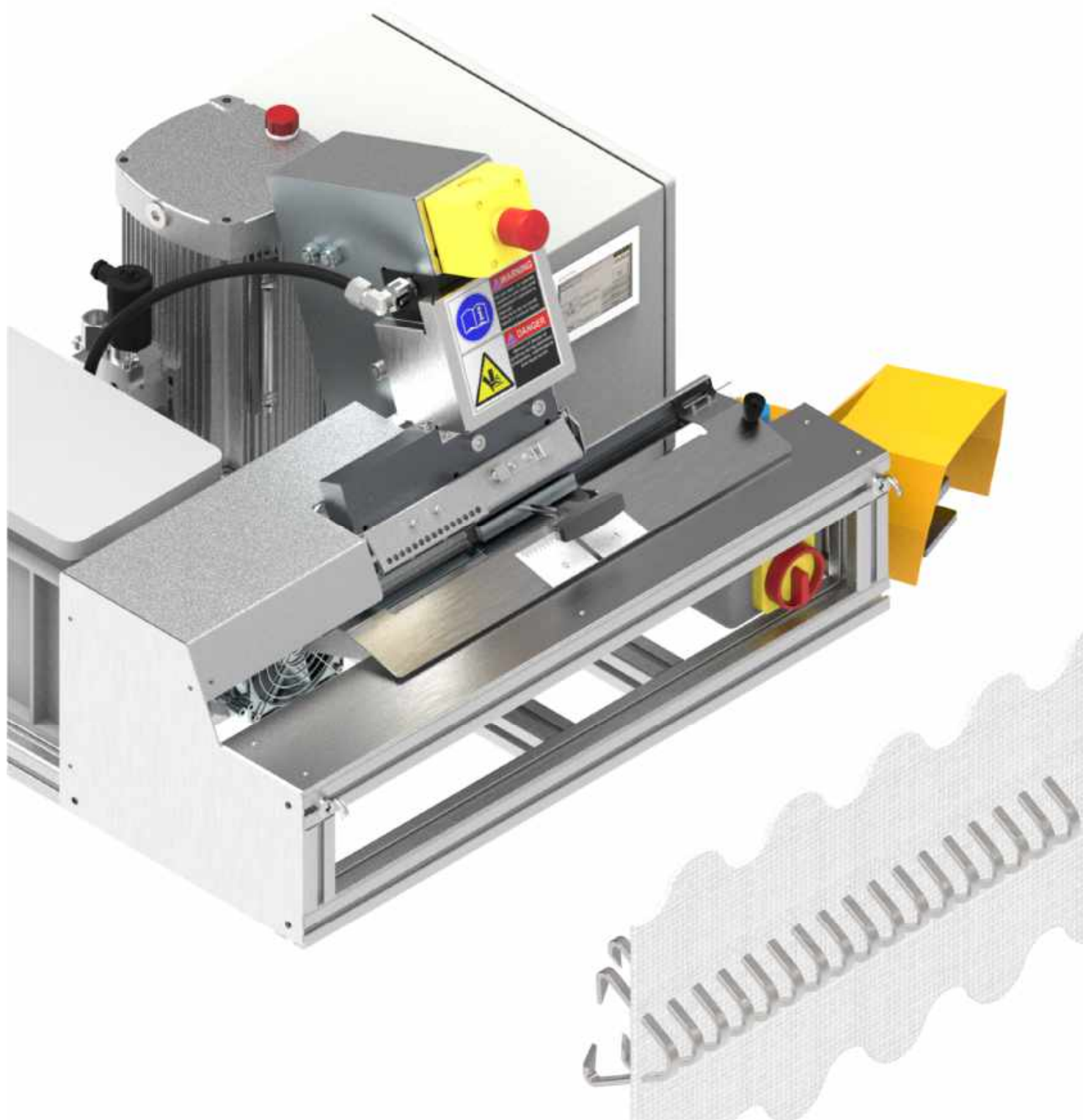
K1	3.0 mm	10 Meter	41 129 59 86
K1	3.0 mm	30 Meter	41 129 59 87
K2	3.4 mm	10 Meter	41 129 59 25
K2	3.4 mm	30 Meter	41 129 59 26



Material :
Galvanized Steel Cable

Coils are supplied in 10 meter / 30 meter coils

mato



MATO Flat Wire Fastener **Series M50-P and M60-P (MATOPATCH)** has been specifically developed for the **Laundry Industry**. This patented system is a leap forward in lifetime, design, appearance and ease of installation.

Using this fastener you or your customers will have the advantage of the safest, most enduring and optically most appealing Belt Lacing System.

The stainless steel flat wire fasteners are retained on a bar with a preinstalled textile patch are ideal for cotton and felt belts. This achieves the best protection of the laundry against damage and offers low noise levels, abrasive wear and belt connection wear.

The lifetime of the MATOPATCH Lacing System is up to four times longer than other fasteners used in the laundry industry.



MATOPATCH fasteners are designed such that the fastener can be installed in one step using the installation units shown on pages 22.

The requirement for additional gluing time and use of hazardous materials is eliminated. The textile patch can be customized and printed with customers' colours and logos.

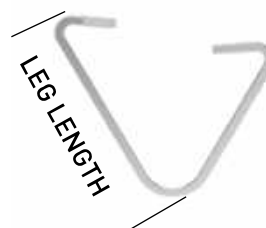
What do you need?

Belt thickness
Minimum pulley diameter
Fastener pitch

How do you proceed?

Selection Charts on page 19

Definition:



Recommendations:

- select longest leg length, for high tension belt and larger pulley diameters.
- select lowest profile wire for a smooth surface and low noise levels.
- select larger profile wire for high wear

The leg length depends on the pulley diameter.

The bigger the minimum pulley diameter, the longer the leg length.

However, for the Laundry Fasteners listed here, the leg lengths are the same (named with number 1.2)

See key to selection on page 19.

Material Selection

according to your requirements, please see selection chart below

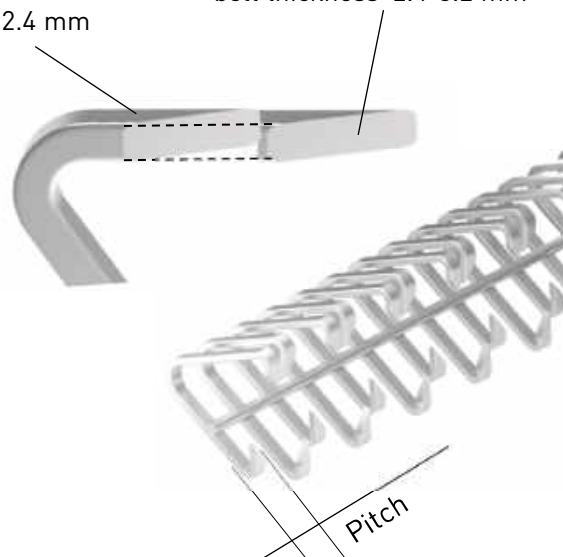
Selection of Connecting Pins

see page 44

with textile patch or without textile patch

Short Point (SW)
thickness 1.6-2.4 mm

Normal Point (NW)
belt thickness 2.4-3.2 mm



Material	Abbreviation	Magnetic	Abrasion Resistant	Chemical Resistant	Rust Resistant	Cover Protection	Systems
Stainless Steel, AISI 316L (1.4404)	SS	slightly	●●●●○	●●●●○	●●●●●	no	M50, M60
Stainless Steel, AISI 316L (1.4404) with textile patch	SS-P	slightly	●●●●●	●●●●○	●●●●●	yes	M50-P M60-P

poor ○○○○○

excellent ●●●●●

Contact our MATO specialists for assistance in selecting the correct fastener for your application.

Pitch 1,7mm

Min. Pulley Diameter	Wire Dimensions		Connecting Pin Ø mm (Type)	Belt Thickness							
				≤ 1/32"	1/16"	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"
	mm	inch		≤ 0,8mm	1,6mm	2,0mm	2,4mm	2,8mm	3,2mm	3,6mm	4,0mm
30mm 1 1/8"	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)		M51.2SW-SS-P						
	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)		M51.2SW-SS						
	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)				M51.2NW-SS				

Pitch 2,54mm

Min. Pulley Diameter	Wire Dimensions		Connecting Pin Ø mm (Type)	Belt Thickness							
				≤ 1/32"	1/16"	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"
	mm	inch		≤ 0,8mm	1,6mm	2,0mm	2,4mm	2,8mm	3,2mm	3,6mm	4,0mm
30mm 1 1/8"	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)		M61.2LSW-SS-P						
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)		M61.2LSW-SS						
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)				M61.2LNW-SS				



Patch Fasteners welded on wire bar



Fasteners welded on wire bar

See pages 32 for different belt thickness and pitches or on request.

Key to selection example:

M 6 1.2 L S W -SS -P 10

Spec. Patch	10	max. operating temp. 150°C / 302°F
Material Patch	67	max. operating temp. 150°C / 302°F
Material Patch	69	max. operating temp. 30°C / 86°F
Material Patch	-P	With Textile Patch
Material Wire	-SS	Stainless Steel 316L (1.4404)
Point	SW	Short Point, Alternate Cut
	NW	Normal Point, Alternate Cut
	LW	Long Point
Wire shape	L	Low Profile, or respectively flattened round wire
	1	25 mm
	1.2	30 mm
Min Pully diameter	2	50 mm
	3	75 mm
	4	100 mm
Pitch	5	1.7 mm
	6	2.54 mm
Wire Profile	M	Flat Wire
	R	Round Wire

Belt Width	Fasteners per Strip	No. Of Laces	Order No.
------------	---------------------	--------------	-----------

Fastener M61.2LSW-SS-P10

Belt thickness 1.6 - 2.4 mm

35 mm	11 / 12	50	42 654 03 50
38 mm	12 / 13	50	42 654 03 80
40 mm	13 / 14	50	42 654 04 00
48 mm	16 / 17	50	42 654 04 80
50 mm	17 / 18	50	42 654 05 00
57 mm	20 / 21	50	42 654 05 70
60 mm	21 / 22	50	42 654 06 00
63 mm	22 / 23	50	42 654 06 30
75 mm	27 / 28	50	42 654 07 50
88 mm	31 / 32	25	42 654 08 80
100 mm	35 / 36	25	42 654 10 00
113 mm	41 / 42	25	42 654 11 30
118 mm	41 / 42	25	42 654 11 80

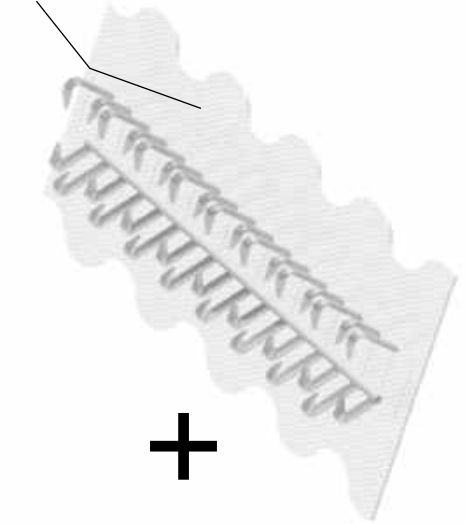
Material: **Stainless Steel 316L(1.4404)**

Textile Patch

coated on one side with hot glue

P10 Max.operating temp. 150°C / 302°F

P69 Max.operating temp. 30°C / 86°F



Fastener M61.2LSW-SS-P69

Belt thickness 1.6 - 2.4 mm

63 mm	22 / 23	50	42 733 06 30
113 mm	41 / 42	25	42 733 11 30

- Pitch: **2.54 mm**

- Wire measurements: 0.9 x 0.5 mm

- Barred Fasteners

- Box content

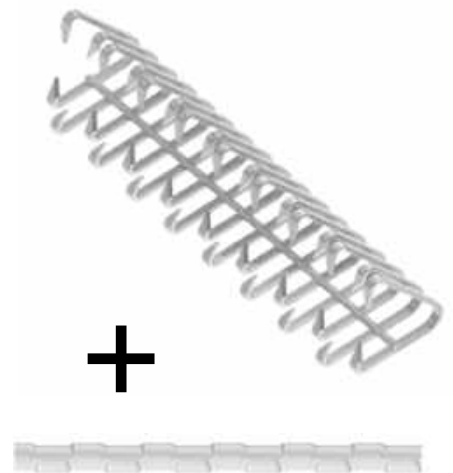
incl. Connecting Pins MK15-NYN

Fastener M61.2LSW-SS (without Textile Patch)

Belt thickness 1.6 - 2.4 mm

38 mm	12 / 13	100	42 268 03 80
40 mm	13 / 14	100	42 268 04 00
48 mm	16 / 17	100	42 268 04 80
50 mm	17 / 18	100	42 268 05 00
57 mm	20 / 21	100	42 268 05 70
63 mm	22 / 23	50	42 268 06 30
88 mm	31 / 32	50	42 268 08 80
100 mm	35 / 36	25	42 268 10 00
113 mm	41 / 42	50	42 268 11 30

- Material: **Stainless Steel 316L (1.4404) (SS)**



- Pitch: **2.54 mm**

- Wire measurements: 0.9 x 0.5 mm

- Barred Fasteners

Fastener M61.2LNW-SS (without Textile Patch)

Belt thickness 2.4 - 3.2 mm

38 mm	12 / 13	100	42 269 03 80
40 mm	13 / 14	100	42 269 04 00
50 mm	17 / 18	100	42 269 05 00
63 mm	22 / 23	50	42 269 06 30
100 mm	35 / 36	25	42 269 10 00
127 mm	46 / 47	50	42 269 12 70
150 mm	55 / 56	50	42 269 15 00

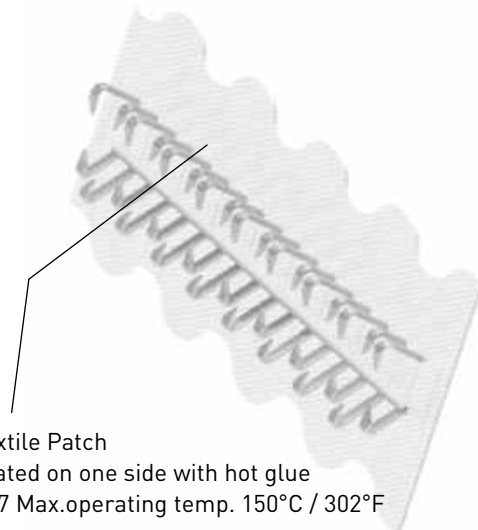
Belt Width	Fasteners per Strip	No. Of Laces	Order No.
------------	---------------------	--------------	-----------

Belt Fastener M51.2SW-SS-P67

Belt thickness 1.6 - 2.4 mm

38 mm	19 / 20	50	42 723 04 00
48 mm	24 / 25	50	42 723 04 80
50 mm	26 / 27	50	42 723 05 00
57 mm	30 / 31	50	42 723 05 70
60 mm	32 / 33	50	42 723 06 00
88 mm	46 / 47	25	42 723 08 80
113 mm	61 / 62	25	42 723 11 30
120 mm	64 / 65	25	42 723 12 00

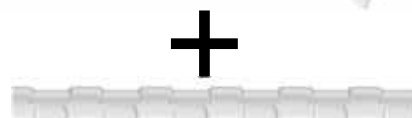
Material: Stainless Steel 316L(1.4404)



Belt Fastener M51.2SW-SS (without Textile Patch)

Belt thickness 1.6 - 2.4 mm

38 mm	19 / 20	100	42 690 04 00
48 mm	24 / 25	100	42 690 04 80
50 mm	26 / 27	100	42 690 05 00
57 mm	30 / 31	100	42 690 05 70
60 mm	32 / 33	100	42 690 06 00
75 mm	39 / 40	100	42 690 07 50
88 mm	46 / 47	50	42 690 08 80
113 mm	61 / 62	50	42 690 11 30
120 mm	64 / 65	50	42 690 12 00



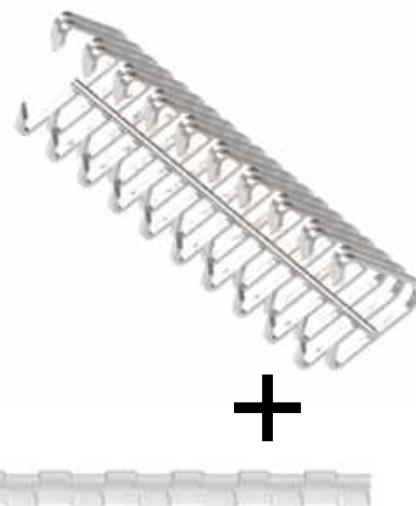
- Pitch: 1.7 mm
- Wire measurements: 0.65 x 0.5 mm
- Barred Fasteners
- Box content
incl. Connecting Pin MK15-NYN

Material: Stainless Steel 316L(1.4404)

Belt Fastener M51.2NW-SS (without Textile Patch)

Belt thickness 2.4 - 3.2 mm

38 mm	19 / 20	100	42 699 04 00
48 mm	24 / 25	100	42 699 04 80
50 mm	26 / 27	100	42 699 05 00
300 mm	172 / 173	20	42 699 30 00



- Pitch: 1.7 mm
- Wire measurements: 0.65 x 0.5 mm
- Barred Fasteners
- Box content
incl. Connecting Pin MK15-NYN

Description

Pitch
(mm)

Order No.

Installation Machine 260WP Compact

MATOPATCH 260WP-C

42 200 00 23

The hydraulic installation machine MATOHYD 260 WP-C (base unit) is used for high-quality and economical patch splices for belt widths up to 120 mm (with Patch) up to 260 mm (without Patch).

- 3,5" Touch screen
- select within 15 installation programs
- installation of 2 belt ends in one cycle (max. 50mm width each)
- interchangeable hook retaining comb (pitch 2,54 mm)
- water cooling
- adjustable installation parameters like: installation pressure, installation pressure time, heating temperature etc.



Description

Order No.

Installation Machine 260WP / 480WP

The hydraulic installation machines MATOHYD 260 WP and MATOHYD 480WP are used for high-quality and economical Patch splices.

- 5,7" Touch screen
- selection of various languages
- up to 99 installation programs
- guided belt insertion and fastener inserting tools for 2 belt width
- installation of 2 belt ends in one cycle
- interchangeable hook retaining comb with 2,4 mm pitch
- hook retaining comb with pitch 1,7 mm optional
- high end water cooling for permanent usage of machine
- adjustable installation parameters like: installation pressure, installation pressure time, heating temperature etc.
- Foot switch
- working bench

max. Belt width **MATOHYD 260WP:**

- 120 mm (with Patch),
- 260 mm (without Patch)
- 2 belt ends with max. 50 mm width in one installation process

max. Belt width **MATOHYD 480WP:**

- 220 mm (with Patch),
- 480 mm (without Patch)
- 2 belt ends with max. 100mm width in one installation process

MATOHYD 260WP

42 200 00 06



MATOHYD 480WP

42 204 00 01

Description	Working Width	Order No.	
Accessories			
Belt Cutter LD The Belt Cutter will cut belts up to 150mm wide in one pass. The round blade design has eight positions so when blade is worn turn to next position (see below).	150 mm	42 510 01 50	
Spare Blade for Belt Cutter LD (PU 1)		42 510 11 50	
Textile Belt Cutter 90° Angle Stop The Textile Belt Cutter is ideal for cutting Light Duty Belts such as Laundry Belts. The 90° stop produces an accurate cut.	50 mm	42 050 10 10	
Spare Blade for Textile Belt Cutter (PU 10)		42 050 10 11	
Supergrip Skiver Hand Skiver for patterned and rough top belts.	7 mm	42 640 00 00	
Belt Clamp W1 The Belt Clamp W1 enables easy tensioning and de-tensioning of laundry belts.	100 mm	42 480 90 00	

The MATO Connecting Pins are aligned in design and material composition to the MATO Fasteners.

Choosing the right Connecting Pin is important for reaching the optimum performance of the splice in your application.

Cut-to-length notched Nylon Pins (NYN) are recommended for laundry applications such as folding machines.

Choosing the Connecting Pin

Fastener size	
M51.2SW-SS-P	M61.2LSW-SS-P
M51.2SW-SS	M61.2LSW-SS
	M61.2LSW-S
M51.2NW-SS	M61.2LNW-SS
	M61.2LNW-S
Connecting Pin size	
MK15...	
Dia. 1,5 mm	

Choosing the Connecting Pin Type

Connecting Pin	Abbreviation	Fastener Wear Properties	Rust Resistant	Chemical Resistant	Temperature Consistency	Magnetic Properties	Flexibility
 Solid Nylon, notched	...NYN	●●●●●	●●●●●	●●●●●	●●○○○	non	●●●●●
 Solid Stainless Steel wire, notched (316)	...WSSN	●●●○○	●●●●○	●●●●○	●●●●●	slightly	●○○○○
 Solid PEEK cable, notched	...PEN*	●●●●●	●●●●●	●●●●●	●●●●○	non	●●●●●

poor

○○○○○

excellent

●●●●●



NYN



WSSN



PEN

* PEEK (high temperature resistant Polyetheretherketone)

Belt Width	Length (mm)	No. Pins Packing Unit	Order No.
------------	-------------	--------------------------	-----------

Connecting Pin MK15 NYN, cut to length

Solid Nylon notched

35 mm	32	100	42 208 03 50
38 mm	35	100	42 208 03 80
40 mm	37	100	42 208 04 00
48 mm	45	100	42 208 04 80
50 mm	47	100	42 208 05 00
57 mm	54	100	42 208 05 70
60 mm	57	100	42 208 06 00
63 mm	60	100	42 208 06 30
75 mm	72	100	42 208 07 50
83 mm	80	50	42 208 08 30
88 mm	85	50	42 208 08 80
100 mm	100	50	42 208 08 80
113 mm	110	50	42 208 11 30
120 mm	117	50	42 208 12 00
127 mm	124	50	42 208 12 70
140 mm	137	50	42 208 14 00
150 mm	147	50	42 208 15 00
300 mm	297	20	42 208 30 00

Material: **Wear resistant Nylon**

- Connecting Pins notched
- Diameter 1.5 mm



Connecting Pin MK15 NYN, 30 Meter Coil

Solid Nylon, notched

MK15-NYN	30 Meter	1	42 513 01 50
----------	----------	---	--------------

Connecting Pin MK15 WSSN, 30 Meter Coil

Wire Stainless 316 (1.4401), notched

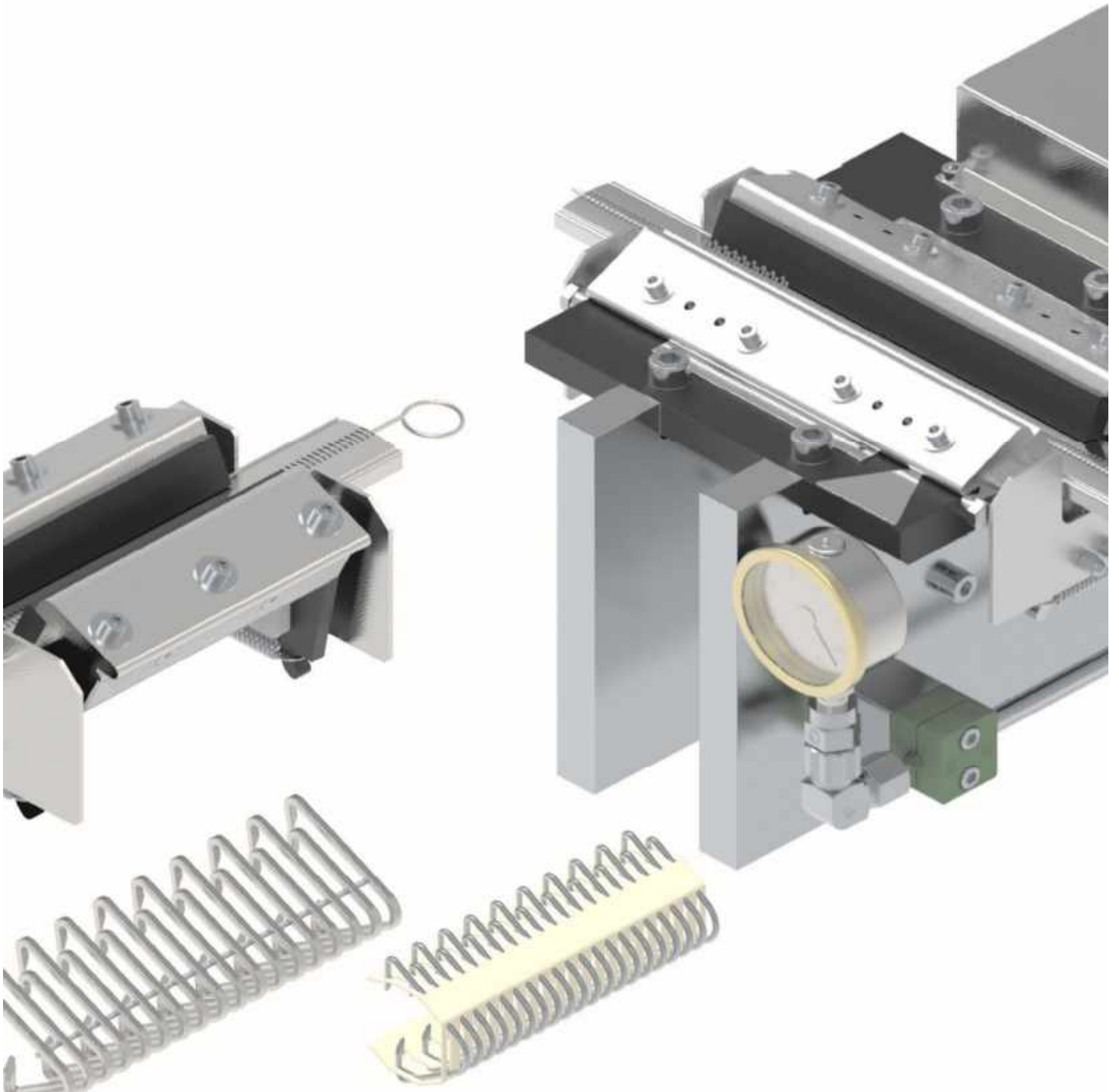
MK15-WSSN	30 Meter	1	42 508 01 50
-----------	----------	---	--------------

Connecting Pin MK15 PKN, 30 Meter Coil

Notched PEEK-Cord

MK15-PEN	30 Meter	1	42 516 01 50
----------	----------	---	--------------

mato



The MATO Rectangular Wire Fastener M50 / M60 / M70 Series has been specially developed for applications in the filter, airport, food, distribution, and laundry industry.

Features:

- embed into the belt
- minimum abrasive wear
- low noise level
- kind to Belt Cleaning Systems

Depending on the application, there are four different standard versions available:

Rectangular Wire Fastener M50 Series

Pitch 1.7 mm

Barred Fasteners

Fastener with an extra flat wire (0.65 x 0.5 mm).

This is a preferred version when an extremely flat surface is required (e. g. a very good embedding in the belt and very low noise emission for sliding belt surface is required).



Rectangular Wire Fastener Series M60

Pitch 2.54 mm

Barred Fasteners

Fastener with a rectangular wire 0.9 x 0.7 mm.

Due to the bigger wire profile compared to the M50, the M60 fasteners provide higher tensile strength and higher wear resistance. The rectangular wire profile results in a very flat fill and, therefore, in a low noise level.



Special Ultra Low Profile Fastener Series M60L

Barred Fasteners

just as Series M60, but with an extremely flat wire (0.9 x 0.5 mm).

This Fastener is used if the wire of the M60 version fills too heavily.

Rectangular Wire Fastener Series M70

Pitch 3.175 mm

Barred Fasteners

Fastener with a rectangular wire 1.2 x 1 mm.

Due to the bigger profile wire, the M70 fasteners provide highest tensile strength and highest wear resistance. The rectangular wire profile results in a very flat fill and, therefore, in a low noise level.

Note:

We have a continuous improvement programme for the Patch, Rectangular Wire Fasteners and associated Installation

MATO Round Wire Fasteners are used for Light Duty Belts, depending on the demand in most of the market segments. The fastener series differ from

- Pitch (measurement from leg to leg)
- Fasteners are supplied carded or barred
- Wire diameter ranges from 1.0mm to 1.4mm
- Geometrical form (belt thicknesses from 2.0mm to 9.0mm and minimum pulley diameters from 50mm to 150mm)

The advantages of barred fasteners over carded fasteners are due to the reduced risk of using single hooks on installation and also a flatter belt profile after installation.

Round Wire Fastener Series R70

Pitch 3.175 mm

Barred Fasteners

This series has a diameter of approx.1.0 mm and can be used in a belt thickness range from 2.0 mm to 5.0 mm.

Round Wire Fastener Series R80 / R80L

Pitch 3.67 mm

Barred Fasteners

These fasteners have a wire diameter of approx.1.40 mm. The fasteners R80L have a wire diameter of approx.1.20 mm and can be used in a belt thickness range from 3.0 mm to 9.0 mm.



Round Wire Fastener Series R20

Pitch 3.175 mm,

Carded

These fasteners are approx.1.0mm in diameter and can be used for a belt thickness ranging from 2.0mm to 4.0mm.

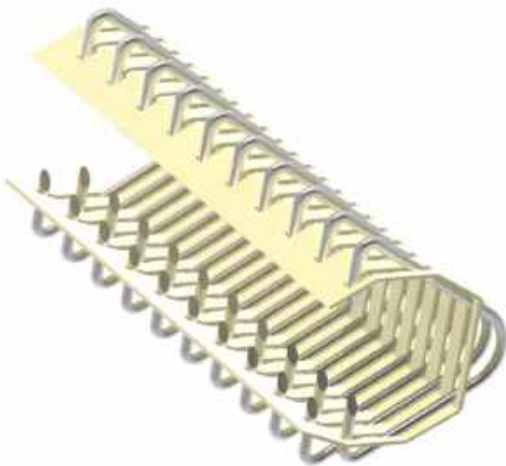
Carded fasteners are recommended when used with troughed belts or crowned pulleys where flexing of the splice occurs.

Round Wire Fastener Series R30

Pitch 3.67 mm

Carded

These fasteners are approx.1.40 mm in diameter and can be used for a belt thickness range from 3.0 mm to 9.0 mm.



Contact our Mato specialist for assistance in selecting the correct fastener for your application. Special designs (intermediate sizes and other wire dimensions) are available on request.

Selection Chart
for Wire Hook Systems

What do you need?

- Belt thickness
- Minimum pulley diameter
- Fastener pitch

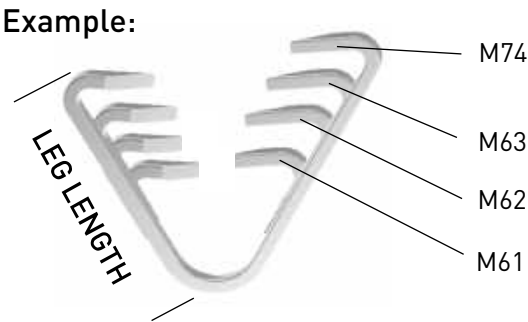
How do you proceed?

Recommendations:

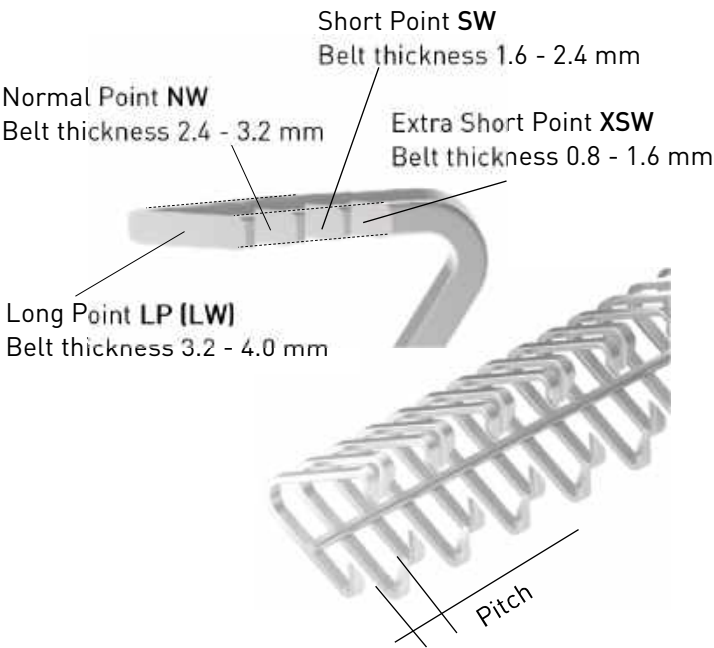
- select longest leg length, for high tension belt and larger pulley diameters.
- select lowest profile wire for a smooth surface and low noise levels.
- select larger profile wire for high wear

Material Selection

according to your requirements, please see selection chart below



The leg length dependent on the pulley diameter. The bigger the minimum pulley diameter, the longer the leg length. See key to selection on page 29.



Material	Symbol	Magnetic	Abrasion Resistant	Chemical Resistant	Rust Resistant	Systems
Galvanized Steel	G	yes	●●●●○	●○○○○	●●●○○	R20, R30
Special Steel	C	yes	●●●●○	●○○○○	○○○○○	R80
Stainless Steel, 1.4404	SS	slightly	●●●●○	●●●●○	●●●●●	M50, M60, M70, R20, R30, R70, R80
Hastelloy C4	HA	no	●●●●○	●●●●●	●●●●●	on request
		poor	○○○○○		excellent	●●●●●

Selection Chart

for Fastener Sizes of Systems M50 and M60

Pitch 1,7mm

Min. Pulley Diameter	Wire Measurements		Connecting Pin Diameter mm (Type)	Belt Thickness							
	mm	inch		from 1/32" from 0.8 mm	1/16"	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"
30mm 1 1/8"	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)			M51.2SW					
	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)				M51.2NW				

Pitch: 2.54mm

Min. Pulley Diameter	Wire Measurements		Connecting Pin Diameter mm (Type)	Belt Thickness							
	mm	inch		from 1/32" from 0.8 mm	1/16"	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"
25mm 1"	0,9 x 0,5	0,035 x 0,020	1,2(MK12)	M61LXSW							
	0,9 x 0,7	0,035 x 0,028	1,2(MK12)	M61XSW							
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)			M61LSW					
30mm 1 1/8"	0,9 x 0,7	0,035 x 0,028	1,5 (MK15)			M61SW					
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)			M61.2LSW					
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)				M61.2 LNW				
50mm 2"	0,9 x 0,5	0,035 x 0,020	1,2(MK12)	M62LXSW							
	0,9 x 0,7	0,035 x 0,028	1,2(MK12)	M62XSW							
	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)			M62LSW					
	0,9 x 0,7	0,035 x 0,028	1,5 (MK15)			M62SW					
	0,9 x 0,5	0,035 x 0,020	1,8 (MK18)				M62LNW				
	0,9 x 0,7	0,035 x 0,028	1,8 (MK18)				M62NW				
	0,9 x 0,7	0,035 x 0,028	1,8 (MK18)							M62LW	
60mm 2 1/4"	0,9 x 0,5	0,035 x 0,020	1,5 (MK15)				M62.5 LNW				
75mm 3"	0,9 x 0,7	0,035 x 0,028	1,5 (MK15)			M63SW					
	0,9 x 0,7	0,035 x 0,028	1,8 (MK18)				M63NW				
	0,9 x 0,7	0,035 x 0,028	1,8 (MK18)							M63LW	

M 6 1 L X S W

Cut W Alternate Cut

XS Extra Short Point
S Short Point

N Normal Point

L Long Point

Wire shape

L Low Profile, or respectively flattened round wire

1 25 mm

1.2 30 mm

2 50 mm

2.5 60 mm

3 75 mm

4 100 mm

2 3.175 mm (Carded)

3 3.67 mm (Carded)

5 1.7 mm (Barred)

6 2.54 mm (Barred)

7 3.175 mm (Barred)

8 3.67 mm (Barred)

Pitch

Wire Profile

M Flat Wire

R Round Wire



Barred



Carded

Selection Chart

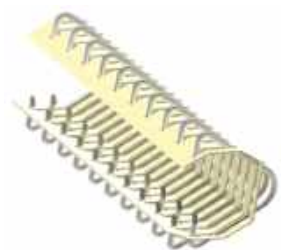
for Fastener Sizes of Systems R20, R30, R70, R80 and M70

Pitch 3,175mm

Min. Pulley Diameter	Wire Measurements		Connecting Pin Diameter	Belt Thickness							
	mm	inch		mm (Type)	5/64"	1/8"	5/32"	3/16"	1/4"	9/32"	5/16"
50mm 2"	Ø 1,0	Ø 0,040	1,8 (MK18)	R22SP							
	Ø 1,0	Ø 0,040	1,8 (MK18)	R72SW							
	Ø 1,0	Ø 0,040	2,0 (MK20)			R22NP					
	Ø 1,0	Ø 0,040	2,0 (MK20)			R72NW					
75mm 3"	Ø 1,0	Ø 0,040	1,8 (MK18)	R23SP							
	Ø 1,0	Ø 0,040	1,8 (MK18)	R73LSW							
	Ø 1,0	Ø 0,040	2,0 (MK20)			R23NP					
	Ø 1,0	Ø 0,040	2,0 (MK20)			R73NW					
	Ø 1,0	Ø 0,040	2,0 (MK20)					R73LLW			
100mm 4"	1,2 x 1,0	0,048 x 0,040	1,5 (MK15)	M74XSW							
	1,2 x 1,0	0,048 x 0,040	1,8 (MK18)			M74SW					
	1,2 x 1,0	0,048 x 0,040	2,0 (MK20)					M74NW			
	1,2 x 1,0	0,048 x 0,041	2,0 (MK20)					M74LW			

Pitch 3,67mm

Min. Pulley Diameter	Wire Measurements		Connecting Pin Diameter	Belt Thickness								
	mm	inch	mm (Type)	5/64" 2mm	1/8" 3mm	5/32" 4mm	3/16" 5mm	1/4" 6mm	9/32" 7mm	5/16" 8mm	11/32" 9mm	
50mm	Ø 1,4	Ø 0,055	2,0 (MK20)		R32							
2"	Ø 1,4/ Ø 1,2	Ø 0,055 / 0,048	2,0 (MK20)		R82 / R82L							
75mm	Ø 1,4	Ø 0,055	2,5 (MK25)				R33					
3"	Ø 1,4/ Ø 1,2	Ø 0,055 / 0,048	2,5 (MK25)				R83 / R83L					
100mm	Ø 1,4	Ø 0,055	3,0 (MK30)				R34					
4"	Ø 1,4	Ø 0,055	3,0 (MK30)				R84					
125mm	Ø 1,4	Ø 0,055	3,5 (MK35)					R35				
4"	Ø 1,4	Ø 0,055	3,5 (MK35)					R85				
150mm	Ø 1,4	Ø 0,055	4,0 (MK40)								R36	
6"	Ø 1,4	Ø 0,055	4,0 (MK40)								R86	



Carded



Barred

Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

M51.2SW	1.6-2.4 mm	30 mm	42 704 25 51
M51.2NW	2.4-3.2 mm	30 mm	42 704 25 52



- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **1.6 - 3.2 mm**
- Pitch: **1.7 mm**
- Wire Dimension: **0.65 x 0.5 mm**
- Barred Fasteners
- Box does not include Connecting Pins

Rectangular Wire Fasteners M60

Standard Design, Pitch 2.54 mm, Welded on Barred Wire

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

M61XSW	0,8-1,6 mm	25 mm	42 704 26 17
M61SW	1,6-2,4 mm	25 mm	42 704 26 14
M62XSW	0,8-1,6 mm	50 mm	42 704 26 27
M62SW	1,6-2,4 mm	50 mm	42 704 26 24
M62NW	2,4-3,2 mm	50 mm	42 704 26 25
M62LW	3,2-4,0 mm	50 mm	42 704 26 26
M63SW	1,6-2,4 mm	75 mm	42 704 26 34
M63NW	2,4-3,2 mm	75 mm	42 704 26 35
M63LW	3,2-4,0 mm	75 mm	42 704 26 36

**Stainless Steel 316L (SS), Strip Length 600 mm**

Box Content : 10 Strips

M61XSW	0,8-1,6 mm	25 mm	42 704 56 17
M61SW	1,6-2,4 mm	25 mm	42 704 56 14
M62XSW	0,8-1,6 mm	50 mm	42 704 56 27
M62SW	1,6-2,4 mm	50 mm	42 704 56 24
M62NW	2,4-3,2 mm	50 mm	42 704 56 25
M62LW	3,2-4,0 mm	50 mm	42 704 56 26
M63SW	1,6-2,4 mm	75 mm	42 704 56 34
M63NW	2,4-3,2 mm	75 mm	42 704 56 35
M63LW	3,2-4,0 mm	75 mm	42 704 56 36

- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **0.8 - 4.0 mm**
- Pitch: **2.54 mm**
- Wire Dimension: **0.9 x 0.7 mm**
- Barred Fasteners
- Box does not include Connecting Pins

Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 300 mm
Box Content : 12 Strips

M61LXSW	0,8-1,6 mm	25 mm	42 714 26 17
M61LSW	1,6-2,4 mm	25 mm	42 714 26 14
M61.2LSW	1,6-2,4 mm	30 mm	42 714 26 51
M61.2LNW	2,4-3,2 mm	30 mm	42 714 26 52
M62LXSW	0,8-1,6 mm	50 mm	42 714 26 27
M62LSW	1,6-2,4 mm	50 mm	42 714 26 24
M62LNW	2,4-3,2 mm	50 mm	42 714 26 25
M62.5LNW	2,4-3,2 mm	60 mm	42 714 26 72



Stainless Steel 316L (SS), Strip Length 600 mm
Box Content : 10 Strips

M61LXSW	0,8-1,6 mm	25 mm	42 714 56 17
M61LSW	1,6-2,4 mm	25 mm	42 714 56 14
M61.2LSW	1,6-2,4 mm	30 mm	42 714 56 51
M61.2LNW	2,4-3,2 mm	30 mm	42 714 56 52
M62LXSW	0,8-1,6 mm	50 mm	42 714 56 27
M62LSW	1,6-2,4 mm	50 mm	42 714 56 24
M62LNW	2,4-3,2 mm	50 mm	42 714 56 25
M62.5LNW	2,4-3,2 mm	60 mm	42 714 56 72

- Material: Stainless Steel 316L (1.4404)
Chromium Steel 430 (1.4016)
- Belt Thickness: 0.8 - 4.0 mm
- Pitch: 2.54 mm
- Wire Dimension: 0.9 x 0.5 mm

Stainless Steel 316L (SS), Strip Length 1200 mm
Box Content : 10 Strips

M61.2LSW	1,6-2,4 mm	30 mm	42 714 86 51
M61.2LNW	2,4-3,2 mm	30 mm	42 714 86 52
M62.5LNW	2,4-3,2 mm	60 mm	42 714 86 72

Edelstahl 1.4404 (SS), Streifenlänge 1500 mm
Schachtelinhalt : 10 Streifen

M61.2LSW	1,6-2,4 mm	30 mm	42 714 36 51
M61.2LNW	2,4-3,2 mm	30 mm	42 714 36 52
M62.5LNW	2,4-3,2 mm	60 mm	42 714 36 72

Rectangular Wire Fasteners M70

Pitch 3.175 mm, Welded on Barred Wire

Stainless Steel 316L (SS), Strip Length 300 mm
Box Content : 12 Strips

M74XSW	2,0-3,0 mm	100 mm	42 754 27 90
M74SW	3,0-4,0 mm	100 mm	42 754 27 91
M74NW	4,0-5,0 mm	100 mm	42 754 27 92
M74LW	4,5-5,5 mm	100 mm	42 754 27 93

Stainless Steel 316L (SS), Strip Length 600 mm
Box Content : 10 Strips

M74XSW	2,0-3,0 mm	100 mm	42 754 57 90
M74SW	3,0-4,0 mm	100 mm	42 754 57 91
M74NW	4,0-5,0 mm	100 mm	42 754 57 92
M74LW	4,5-5,5 mm	100 mm	42 754 57 93

- Material: Stainless Steel 316L (1.4404)
- Belt Thickness: 2.0 - 5.5 mm
- Pitch: 3.175 mm
- Wire Dimension: 1.2 x 1.0 mm
- Barred Fasteners



Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 1200 mm

Box Content : 10 Strips

M74XSW	2,0-3,0 mm	100 mm	42 754 87 90
M74SW	3,0-4,0 mm	100 mm	42 754 87 91
M74NW	4,0-5,0 mm	100 mm	42 754 87 92

Stainless Steel 316L (SS), Strip Length 1500 mm

Box Content : 10 Strips

M74XSW	2,0-3,0 mm	100 mm	42 754 37 90
M74SW	3,0-4,0 mm	100 mm	42 754 37 91
M74NW	4,0-5,0 mm	100 mm	42 754 37 92



- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **1.0 - 5.0 mm**
- Pitch: **3.175 mm**
- Wire Dimension: **1.2 x 1.0 mm**
- Barred Fasteners
- Box does not include Connecting Pins

Round Wire Fasteners R70

Standard Design, Pitch 3.175 mm, Welded on Barred Wire

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

R72LSW	2.0-3.0 mm	50 mm	42 774 17 21
R72LNW	3.0-4.0 mm	50 mm	42 774 17 22
R73LSW	2.0-3.0 mm	75 mm	42 774 27 31
R73LNW	3.0-4.0 mm	75 mm	42 774 27 32
R73LLW	4.0-5.0 mm	75 mm	42 774 27 33

Stainless Steel 316L (SS), Strip Length 600 mm

Box Content : 10 Strips

R72SW	2.0-3.0 mm	50 mm	42 774 57 21
R72NW	3.0-4.0 mm	50 mm	42 774 57 22
R73LSW	2.0-3.0 mm	75 mm	42 774 57 31
R73LNW	3.0-4.0 mm	75 mm	42 774 57 32
R73LLW	4.0-5.0 mm	75 mm	42 774 57 33



Stainless Steel 316L (SS), Strip Length 1200 mm

Box Content : 10 Strips

R72LSW	2,0-3,0 mm	50 mm	42 774 87 21
R72LNW	3,0-4,0 mm	50 mm	42 774 87 22
R73LSW	2,0-3,0 mm	75 mm	42 714 07 34
R73LNW	3,0-4,0 mm	75 mm	42 774 07 32
R73LLW	4,0-5,0 mm	75 mm	42 774 07 33

- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **2.0 - 5.0 mm**
- Pitch: **3.175 mm**
- R72 = flattened round wire 0.9x1,05 mm
- R73 = flattened round wire 0.9x1,05 mm

Stainless Steel 316L (SS), Strip Length 1500 mm

Box Content : 10 Strips

R72LSW	2,0-3,0 mm	50 mm	42 774 37 21
R72LNW	3,0-4,0 mm	50 mm	42 774 37 22
R73LSW	2,0-3,0 mm	75 mm	42 774 37 34
R73LNW	3,0-4,0 mm	75 mm	42 774 37 32
R73LLW	4,0-5,0 mm	75 mm	42 774 37 33

- Barred Fasteners
- Box does not include Connecting Pins

Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

R82L	3,0-4,0 mm	50 mm	42 715 18 22
R82	3,0-4,0 mm	50 mm	42 704 18 22
R83L	4,0-5,0 mm	75 mm	42 715 18 32
R83	4,0-5,0 mm	75 mm	42 704 18 32
R84	5,0-6,0 mm	100 mm	42 704 18 42
R85	6,0-8,0 mm	125 mm	42 704 18 52
R86	8,0-9,0 mm	150 mm	42 704 18 62

Stainless Steel 316L (SS) Strip Length 600 mm

Box Content : 10 Strips

R82L	3,0-4,0 mm	50 mm	42 714 58 22
R82	3,0-4,0 mm	50 mm	42 704 58 29
R83L	4,0-5,0 mm	75 mm	42 714 58 32
R83	4,0-5,0 mm	75 mm	42 704 58 32
R84	5,0-6,0 mm	100 mm	42 704 58 42
R85	6,0-8,0 mm	125 mm	42 704 58 52
R86	8,0-9,0 mm	150 mm	42 704 58 62



- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **3.0 - 9.0 mm**
- Pitch: **3.67 mm**
- Wire Diameter: **1.4 mm versions "L" 1.2 mm**

- Barred Fasteners
- Box does not include Connecting Pins

Special Steel (C), Strip Length 300 mm

Box Content : 12 Strips

R82	3,0-4,0 mm	50 mm	42 707 18 22
R83	4,0-5,0 mm	75 mm	42 707 18 32
R84	5,0-6,0 mm	100 mm	42 707 18 42
R85	6,0-8,0 mm	125 mm	42 707 18 52
R86	8,0-9,0 mm	150 mm	42 707 18 62

Special Steel (C), Strip Length 600 mm

Box Content : 10 Strips

R82	3,0-4,0 mm	50 mm	42 707 58 22
R83	4,0-5,0 mm	75 mm	42 707 58 32
R84	5,0-6,0 mm	100 mm	42 707 58 42
R85	6,0-8,0 mm	125 mm	42 707 58 52
R86	8,0-9,0 mm	150 mm	42 707 58 62



- Material: **Special Steel**
- Belt Thickness: **3.0 - 9.0 mm**
- Pitch: **3.67 mm**
- Wire Diameter: **1.4 mm**

- Barred Fasteners
- Box does not include Connecting Pins

Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

R22SP	2.0-3.0 mm	50 mm	42 104 22 21
R22NP	3.0-4.0 mm	50 mm	42 104 22 22
R23SP	2.0-3.0 mm	75 mm	42 104 22 31
R23NP	3.0-4.0 mm	75 mm	42 104 22 32



- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **2.0 - 4.0 mm**
- Pitch: **3.175 mm**
- Wire Diameter: **1.0 mm**
- Carded
- Box does not include Connecting Pins

Steel, Galvanized (G), Strip Length 300 mm

Box Content : 12 Strips

R22 SP	2.0-3.0 mm	50 mm	42 101 22 21
R22 NP	3.0-4.0 mm	50 mm	42 101 22 22
R23 SP	2.0-3.0 mm	75 mm	42 101 22 31
R23 NP	3.0-4.0 mm	75 mm	42 101 22 32



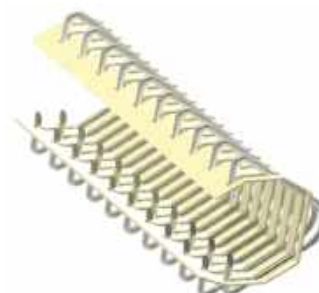
- Material: **Steel, Galvanized**
- Belt Thickness: **2.0 - 4.0 mm**
- Pitch: **3.175 mm**
- Wire Diameter: **1.0 mm**
- Carded

Description	Belt Thickness	Min. Drum Dia.	Order No.
-------------	----------------	----------------	-----------

Stainless Steel 316L (SS), Strip Length 300 mm

Box Content : 12 Strips

R32	3.0-4.0 mm	50 mm	42 104 13 22
R33	4.0-5.0 mm	75 mm	42 104 13 32
R34	5.0-6.0 mm	100 mm	42 104 13 42
R35	6.0-8.0 mm	125 mm	42 104 13 52
R36	8.0-9.0 mm	150 mm	42 104 13 62



- Material: **Stainless Steel 316L (1.4404)**
- Belt Thickness: **3.0 - 9.0 mm**
- Pitch: **3.67 mm**
- Wire Diameter: **1.4 mm**

- Carded
- Box does not include Connecting Pins

Steel, Galvanized (G), Strip Length 300 mm

Box Content : 12 Strips

R32	3.0-4.0 mm	50 mm	42 101 13 22
R33	4.0-5.0 mm	75 mm	42 101 13 32
R34	5.0-6.0 mm	100 mm	42 101 13 42
R35	6.0-8.0 mm	125 mm	42 101 13 52
R36	8.0-9.0 mm	150 mm	42 101 13 62



- Material: **Steel, Galvanized**
- Belt Thickness: **3.0 - 9.0 mm**
- Pitch: **3.67 mm**
- Wire Diameter: **1.4 mm**

- Carded
- Box does not include Connecting Pins

Description	Pitch (mm)	Order No.
Plier Lacer MZ with fixed Fastener Retainer		

The Plier Lacer MZ50 and MZ60, with respective pitches of 1.7 mm and 2.54 mm, are easily used in any location.
Belts wider than 60mm can be laced by moving the plier along the belt in steps.

MZ 50 1.7 42 050 51 51
(Max. press width 60 mm)

MZ 60 2.54 42 050 61 63
(Max. press width 60 mm)



Lacing Tool MATOLEVER with fixed Fastener Retainer		
--	--	--

The MATOLEVER 50 and 60, with respective pitches of MATO Fasteners 1.7 mm and 2.54 mm, are designed for easy installation at the laundry machine.

MATOLEVER 50 1.7 42 480 86 50
(Max. belt width 60 mm)

MATOLEVER 60 2.54 42 480 86 60
(Max. belt width 60 mm)

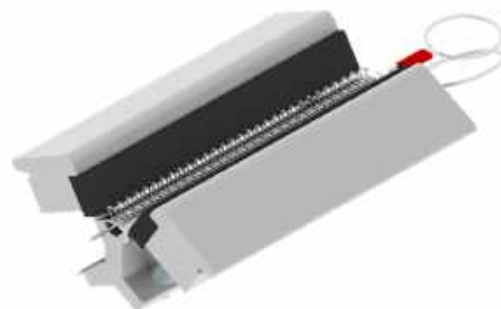


Description	Comb Width	Pitch (mm)	Order No.
-------------	------------	------------	-----------

Eco Vice Lacer MA
With fixed Fastener Retainer

The Vice Lacer MA is a budget-priced tool that can be used for widths of 150 or 200 mm. Since the retainer is fixed, each pitch requires a separate lacer.

MA50-150	150 mm	1.7	42 150 50 51
MA60-150	150 mm	2.54	42 150 61 63
MA60-200	200 mm	2.54	42 200 61 63
MA20/70-150	150 mm	3.175	42 150 20 70
MA20/70-200	200 mm	3.175	42 200 20 70
MA30/80-150	150 mm	3.67	42 150 30 80
MA30/80-200	200 mm	3.67	42 200 30 80



Profi Vice Lacer MATOVICE
Without Fastener Retainer UNICOMB

The Vice Lacer MATOVICE is designed for a perfect installation. This special jaw construction achieves an optimum installation pressure, resulting in maximum holding power.

The Fastener Retainer (not included) can be replaced if different pitches are required. All Fastener Retainers (Universal Comb UNICOMB) can be used.

MATOVICE 120 (Max. press width 120 mm)	42 120 00 00
--	--------------



Fastener Combs UNICOMB VH for Profi-Vice Lacers
Comb Width 300 mm

The exchangeable Comb UNICOMB is designed so that all comb sizes can be used alternately with tools MATOVICE. They can be exchanged without tools. Wider belts are easily installed in multiple steps. The standard comb width is 300 mm.

UNICOMB 50-300VH	1.7	42 480 11 80
UNICOMB 60-300VH	2.54	42 480 11 50
UNICOMB 20/70-300VH	3.175	42 480 11 30
UNICOMB 30/80-300VH	3.67	42 480 11 10
UNICOMB 35/85-300VH	3.67	42 480 11 20
UNICOMB D71-300VH	4	42 480 10 60
UNICOMB D72/73-300VH	4	42 480 10 70



Note :

UNICOMB 30/80 for Belt Fastener
R32, R33, R34, R82, R83, R84

UNICOMB 35/85 for Belt Fastener
R35, R36, R85, R86

UNICOMB 71 and D72/73
for Belt Fastener D71, D72 ,
D73

Description	Comb Width	Pitch (mm)	Order No.
-------------	------------	------------	-----------

Lacing Tool MATOROLL

Without Fastener Retainer (Universal Comb UNICOMB)

The MATOROLL Lacer installs the fasteners by applying the installation pressure in stages until the fastener is fully embedded. Choice of combs are available, purchased separately.

MATOROLL 600 42 280 20 00

600mm

MATOROLL 1000 42 280 50 00

1000mm

MATOROLL 1500 42 280 00 00

1500mm

Optional rollers für MATOROLL 42 280 00 10
(for wire hooks with short legs. Dia. 90 mm high 12 mm PU 2 pieces)



Fastener Comb UNICOMB RH for Lacing Tool MATOROLL

The exchangeable UNICOMB is designed so all comb sizes can be used alternately with the tools MATOVICE. They can be exchanged without tools.

Wider belts are easily installed in multiple steps. The standard comb width is 300 mm.

Comb Width 600 mm

UNICOMB 50-600RH	1.7	42 480 21 80
UNICOMB 60-600RH	2.54	42 480 21 50
UNICOMB 20/70-600RH	3.175	42 480 21 30
UNICOMB 30/80-600RH	3.67	42 480 21 10
UNICOMB 35/85-600RH	3.67	42 480 21 20
UNICOMB D71-600RH	4	42 480 30 60
UNICOMB D72/73-600RH	4	42 480 30 70

Comb Width 1000 mm

UNICOMB 50-1000RH	1.7	42 480 41 80
UNICOMB 60-1000RH	2.54	42 480 41 50
UNICOMB 20/70-1000RH	3.175	42 480 41 30
UNICOMB 30/80-1000RH	3.67	42 480 41 10
UNICOMB 35/85-1000RH	3.67	42 480 41 20
UNICOMB D71-1000RH	4	42 480 51 60
UNICOMB D72/73-1000RH	4	42 480 51 70

Comb Width 1500 mm

UNICOMB 50-1500RH	1.7	42 480 61 80
UNICOMB 60-1500RH	2.54	42 480 61 50
UNICOMB 20/70-1500RH	3.175	42 480 61 30
UNICOMB 30/80-1500RH	3.67	42 480 61 10
UNICOMB 35/85-1500RH	3.67	42 480 61 20
UNICOMB D71-1500RH	4	42 480 60 60
UNICOMB D72/73-1500RH	4	42 480 60 70

Comb Pin UNICOMB (Spare)

Pin Length 1500 mm

Comb Pin 1.5-1500 (green)	42 481 15 15
Comb Pin 1.7-1500 (red)	42 481 17 15
Comb Pin 1.8-1500 (black)	42 481 18 15
Comb Pin 2.0-1500 (blue)	42 481 20 15



Note :

UNICOMB 30/80 for Belt Fastener
R32, R33, R34, R82, R83, R84

UNICOMB 35/85 for Belt Fastener
R35, R36, R85, R86

UNICOMB D71 and D72/73
for Belt Fastener D71, D72, D73

Description	Pressing Width	Order No.	kg
-------------	----------------	-----------	----

Hydraulic Installation Machines

The hydraulic installation machines 200M / 400M are used for high-quality and economical patch splices. All belt widths can be processed with these machines, if necessary by

Hydr. Installation Machine 200M-1 42 200 00 24

400V / 50Hz / 3Phases

1,17 l/min, 500 bar

Hydr. Installation Machine 200M-2 42 200 00 25

1,17 l/min. 230V / 60Hz / 3Phases

500 bar

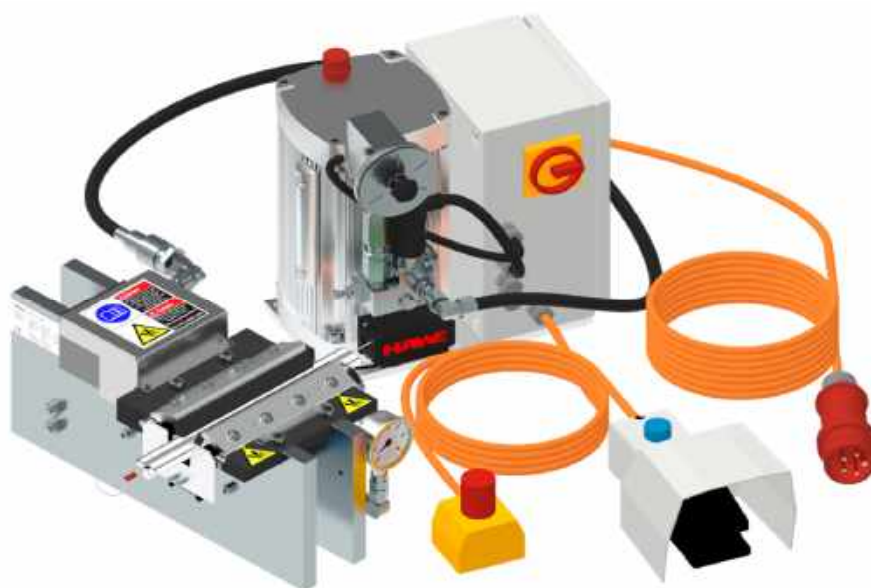
Hydraulic Power Unit PA 200-...

Hydr. Installation Machine 200M-3 42 200 00 26

0,8 l/min. 230V / 50Hz / 1Phase

500 bar

Hook retaining comb
UNICOMB (optional)

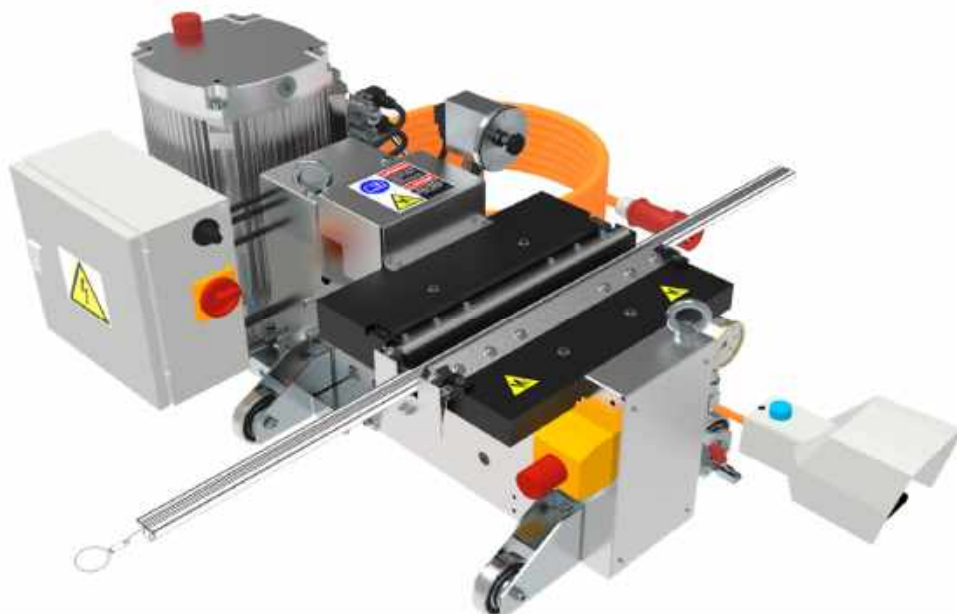


Hydr. Installation Machine 400M-1 42 200 00 27

3,2 l/min, 400V / 50Hz / 3Phases

500 bar

Hook retaining comb
UNICOMB (optional)



Hook retaining combs UNICOMB for Installation Machines 200 / 400 see page 41

Description

Order No.

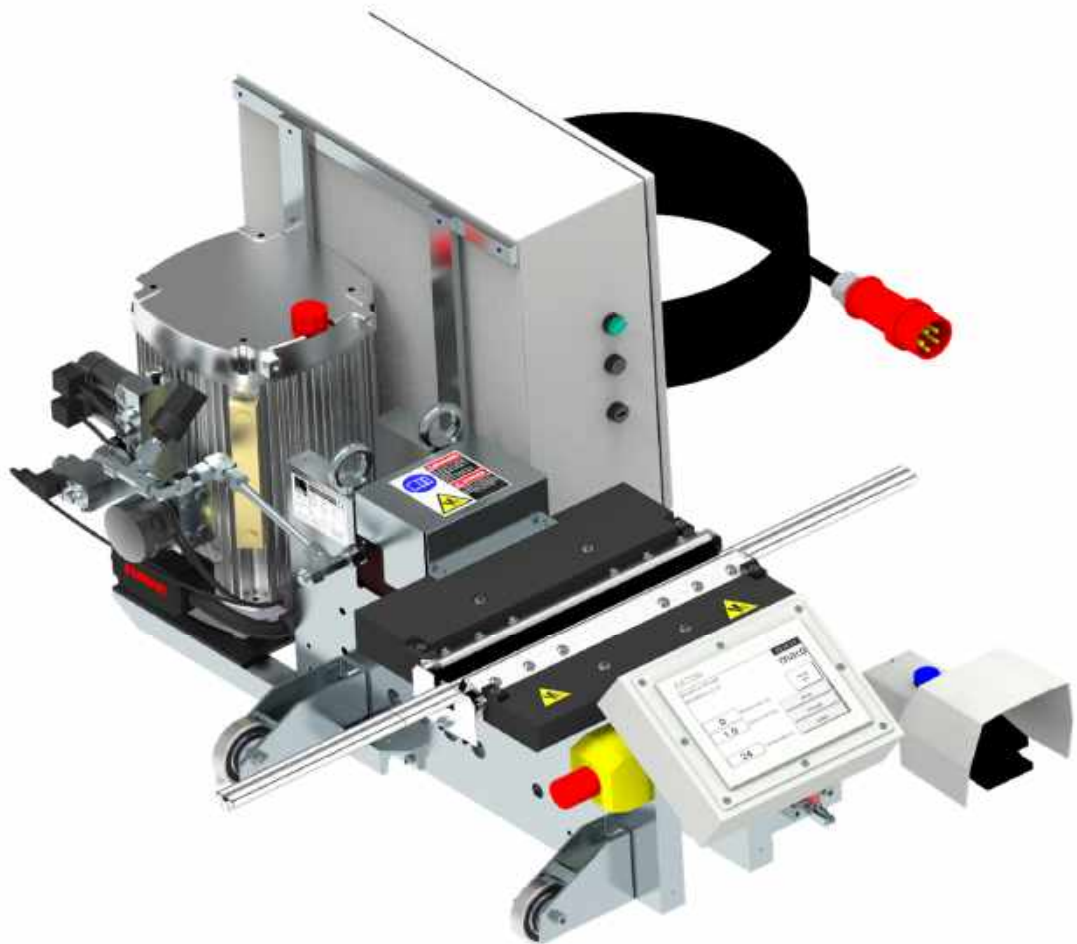
Hydraulic Installation Machines

Hydr. Installation Machine 400E-1

42 200 45 10

400V / 50Hz / 3Phases

3.2 l/min, 500 bar



Hook retaining comb
UNICOMB (optional)

Operation via a touch screen. All data such as pre-pressure, main pressure and time can be assigned to a belt type and saved.

The values are also checked on the screen.

Up to 99 data records can be saved.

Techn. Data

Working Width 400mm

Max pressure 500bar

Max Pressing force 251 kN

Overall dimensions approx. 1050 x 530 x 500mm

Hook retaining combs UNICOMB see page 42

Clamping combs available on request

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

Connecting Pin Sizes

Fastener							
	M51.2SW	R22SW	R22NW				
	M51.2NW	R23SW	R23NW				
M61LXSW		M62NW					
M61XSW		M62LW					
	M61LSW	M62LNW					
	M61SW		R32	R33	R34	R35	R36
M62LXSW	R72LSW	R72LNW					
M62XSW							
	M62LSW	R73LSW					
	M62SW	R73LNW	R73LLW				
		M63NW					
		M63LW					
			M74NW				
	M74XSW	M74SW	M74LW				
			R82	R83	R84	R85	R86
Connecting Pin							
MK12...	MK15...	MK18...	MK20...	MK25...	MK30...	MK35...	MK40...
Ø 1,2 mm	Ø 1,5 mm	Ø 1,8 mm	Ø 2,0 mm	Ø 2,5 mm	Ø 3,0 mm	Ø 3,5 mm	Ø 4,0 mm
Comb Pin							
Ø 1,5 mm	Ø 1,7 mm	Ø 2,0 mm	Ø 2,6 mm			2,6 x 3,6 mm	

Choosing the Connecting Pin Type

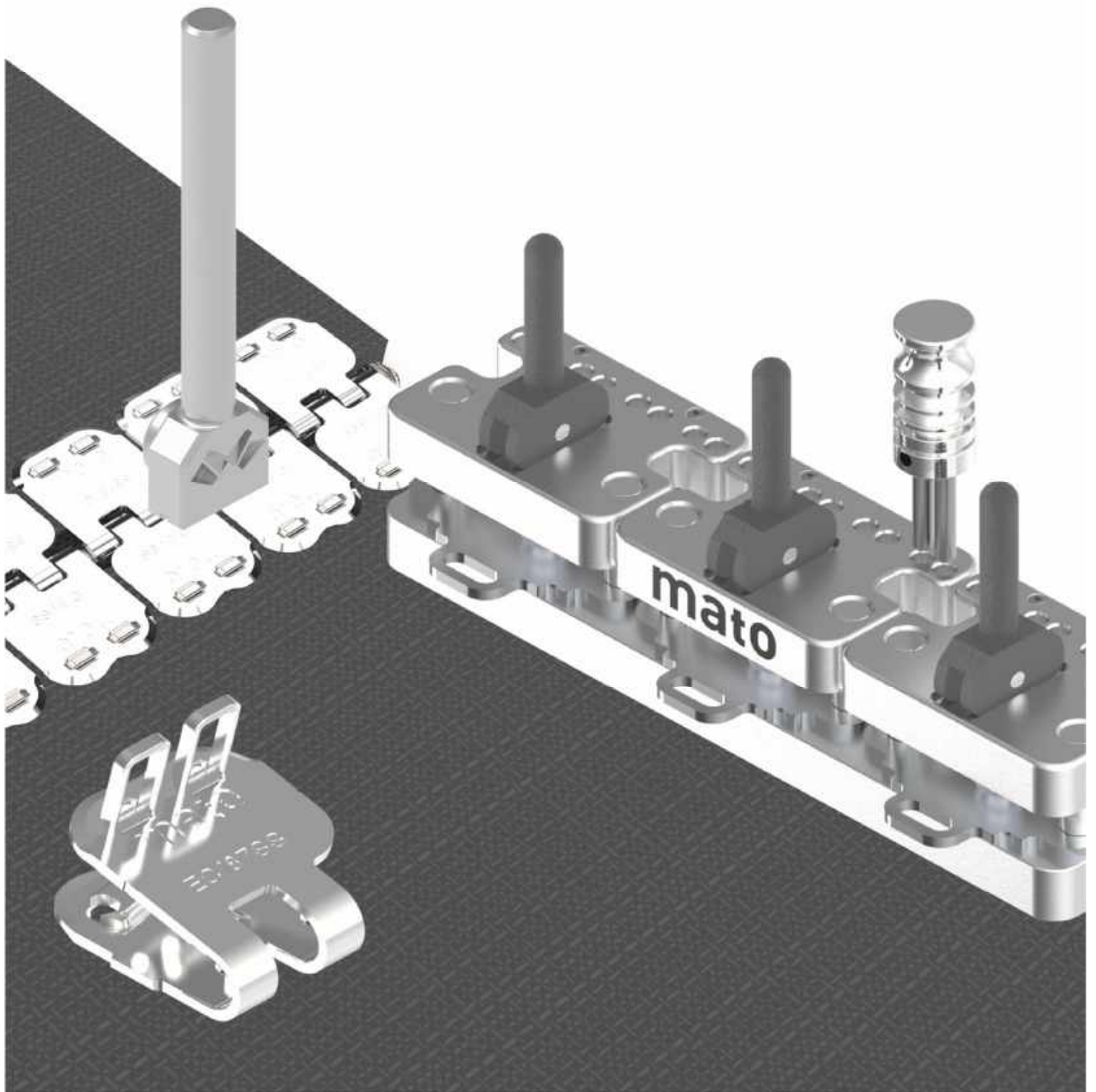
Connetcting Pin	Code	Pin Wear Properties	Fastener Wear Properties	Chimical Resistency	Temperature Consistency	Magnetic	Flexibility
 Nyl. Coated Spring Steel	NST	●●●●●	●●●●●	●●○○○	●●○○○	Yes	●●●●○
 Nyl. Coated Stainless Steel	NSS	●●●●●	●●●●●	●●●●○	●●○○○	Slightly	●●●●○
 Solid Nylon	NY	●●●●●	●●●●●	●●●●●	●●○○○	No	●●●●●
 Solid Nylon Notched	NYN	●●●●●	●●●●●	●●●●●	●●○○○	No	●●●●●
 Solid Stainless Steel	WSS	●●●○○	●●●○○	●●●●○	●●●●●	Slightly	●○○○○
 Solid Stainless Steel Notched	WSSN	●●●●●	●●●○○	●●●●○	●●●●●	Slightly	●○○○○
 Nyl. Coated Steel Cable	NC	●●●●●	●●●●●	●●●○○	●●○○○	yes	●●●●○
 Nyl. Coated Stainless Steel Cable	NCS	●●●●●	●●●●●	●●●●○	●●○○○	Slightly	●●●●○
 Solid PEEK	PE	●●●●●	●●●●●	●●●●●	●●●●○	No	●●●●●
 Solid PEEK, Notched	PEN	●●●●●	●●●●●	●●●●●	●●●●○	No	●●●●●
		poor ○○○○○		excellent ●●●●●			

Description	Pin Dia. (mm)	Order No.
Connecting Pins MK - Nylon Steel NST		
MK15 NST	1.5	42 501 01 50
MK18 NST	1.8	42 501 01 80
MK20 NST	2.0	42 501 02 00
MK25 NST	2.5	42 501 02 50
MK30 NST	3.0	42 501 03 00
MK35 NST	3.5	42 501 03 50
MK40 NST	4.0	42 501 04 00
Connecting Pins MK - Nylon Stainless NSS		
MK15 NSS	1.5	42 502 01 50
MK18 NSS	1.8	42 502 01 80
MK20 NSS	2.0	42 502 02 00
MK25 NSS	2.5	42 502 02 50
MK30 NSS	3.0	42 502 03 00
MK35 NSS	3.5	42 502 03 50
MK40 NSS	4.0	42 502 04 00
Connecting Pins MK - Solid Nylon NY		
MK15 NY	1.5	42 503 01 50
MK18 NY	1.8	42 503 01 80
MK20 NY	2.0	42 503 02 00
MK25 NY	2.5	42 503 02 50
MK30 NY	3.0	42 503 03 00
MK35 NY	3.5	42 503 03 50
MK40 NY	4.0	42 503 04 00
Connecting Pins MK - Nylon Cable NC		
MK15 NC	1.5	42 504 01 50
MK18 NC	1.8	42 504 01 80
MK20 NC	2.0	42 504 02 00
MK25 NC	2.5	42 504 02 50
MK30 NC	3.0	42 504 03 00
Connecting Pins MK - Nylon Cable Stainless NCS		
MK15 NCS	1.5	42 505 01 50
MK20 NCS	2.0	42 505 02 00
MK25 NCS	2.5	42 505 02 50
MK30 NCS	3.0	42 505 03 00
MK35 NCS	3.5	42 505 03 50
MK40 NCS	4.0	42 505 04 00
Connecting Pins MK - Wire Stainless WSS		
MK10 WSS	1.0	42 507 01 00
MK12 WSS	1.2	42 507 01 20
MK15 WSS	1.5	42 507 01 50
MK18 WSS	1.8	42 507 01 80
MK20 WSS	2.0	42 507 02 00
MK25 WSS	2.5	42 507 02 50
Connecting Pins MK - Wire Stainless WSSN		
MK12 WSSN	1.2	42 508 01 20
MK15 WSSN	1.5	42 508 01 50
MK18 WSSN	1.8	42 508 01 80

Connecting Pins MK - 30 Meter Coil



mato



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

Belt Fastener EC62G with Connecting ECP62NC

Belt Strength up to 200 kN/m, Minimum Pulley Dia. 50 mm, belt thickness 1.5-3.2 mm

Galvanized Steel Fasteners- G, Nylon Covered Steel Cable Pins NC

EC62G-300NC	300	38 002 08
EC62G-400NC	400	38 002 15
EC62G-450NC	450	38 002 22
EC62G-500NC	500	38 002 39
EC62G-600NC	600	38 002 46
EC62G-750NC	750	38 002 53
EC62G-800NC	800	38 002 60
EC62G-900NC	900	38 002 77
EC62G-1000NC	1000	38 002 84
EC62G-1050NC	1050	38 002 91
EC62G-1200NC	1200	38 003 07
EC62G-1500NC	1500	38 003 14

EC62G-1200/bulk50*	1200	38 003 52
EC62G-1500/bulk50*	1500	38 003 69
EC62G-1800/bulk50*	1800	38 003 76

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC62G with Connecting ECP62SP

Belt Strength up to 200 kN/m, Minimum Pulley Dia. 50 mm, belt thickness 1.5-3.2 mm

Galvanized Steel Fasteners - G, Steel Spring Wire Pin - SP

EC62G-300SP	300	38 003 90
EC62G-450SP	450	38 004 06
EC62G-500SP	500	38 004 13
EC62G-600SP	600	38 004 37
EC62G-750SP	750	38 004 44
EC62G-900SP	900	38 004 51
EC62G-1000SP	1000	38 004 75
EC62G-1050SP	1050	38 004 82
EC62G-1200SP	1200	38 005 05
EC62G-1500SP	1500	38 005 12

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

Belt Fastener EC125G with Connecting Pin ECP125NC

Belt Strength up to 315 kN/m, Minimum Pulley Dia. 75mm, belt thickness 3.2-4.8 mm
Galvanized Steel Fasteners- G, Nylon Covered Steel Cable Pins NC

EC125G-100NC**	100	38 010 07
EC125G-250NC	250	38 010 14
EC125G-300NC	300	38 010 21
EC125G-350NC	350	38 010 38
EC125G-400NC	400	38 010 45
EC125G-450NC	450	38 010 52
EC125G-500NC	500	38 010 69
EC125G-600NC	600	38 007 03
EC125G-750NC	750	38 010 76
EC125G-800NC	800	38 010 83
EC125G-900NC	900	38 007 34
EC125G-1000NC	1000	38 011 06
EC125G-1050NC	1050	38 011 13
EC125G-1200NC	1200	38 011 37
EC125G-1500NC	1500	38 011 44
EC125G-1200/bulk50*	1200	38 011 51
EC125G-1500/bulk50*	1500	38 011 68
EC125G-1800/bulk50*	1800	38 011 75

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).

** 10 Sets (20 Strips + 10 Connecting Pins + Washers)



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC125G with Connecting Pin ECP125SP

Belt Strength up to 315 kN/m, Minimum Pulley Dia. 75mm, belt thickness 3.2-4.8 mm
Galvanized Steel Fasteners- G, Steel Spring Wire Pin - SP

EC125G-400SP	400	38 012 05
EC125G-450SP	450	38 012 12
EC125G-500SP	500	38 012 36
EC125G-600SP	600	38 012 43
EC125G-750SP	750	38 012 50
EC125G-800SP	800	38 012 67
EC125G-900SP	900	38 012 74
EC125G-1000SP	1000	38 012 81
EC125G-1050SP	1050	38 013 04
EC125G-1200SP	1200	38 012 98
EC125G-1500SP	1500	38 013 11

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

Belt Fastener EC187G with Connecting Pin ECP187NC

Belt Strength up to 400 kN/m, Minimum Pulley Dia. 100 mm, belt thickness 4,8-6,4 mm

Galvanized Steel Fasteners- G, Nylon Covered Steel Cable Pins NC

EC187G-100NC**	100	38 018 09
EC187G-300NC	300	38 018 16
EC187G-400NC	400	38 018 23
EC187G-450NC	450	38 018 30
EC187G-500NC	500	38 018 47
EC187G-600NC	600	38 011 99
EC187G-750NC	750	38 018 54
EC187G-800NC	800	38 018 61
EC187G-900NC	900	38 012 29
EC187G-1000NC	1000	38 018 85
EC187G-1050NC	1050	38 018 92
EC187G-1200NC	1200	38 019 15
EC187G-1500NC	1500	38 019 22

EC187G-1200/bulk50*	1200	38 019 53
EC187G-1500/bulk50*	1500	38 019 60
EC187G-1800/bulk50*	1800	38 019 77

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).

** 10 Sets (20 Strips

+ 10 Connecting Pins + Washers)



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC187G with Connecting Pin ECP187SP

Belt Strength up to 400 kN/m, Minimum Pulley Dia. 100 mm, belt thickness 4,8-6,4 mm

Galvanized Steel Fasteners- G, Steel Spring Wire Pin - SP

EC187G-450SP	450	38 020 04
EC187G-500SP	500	38 020 11
EC187G-600SP	600	38 020 28
EC187G-750SP	750	38 020 35
EC187G-900SP	900	38 020 42
EC187G-1000SP	1000	38 020 59
EC187G-1050SP	1050	38 020 66
EC187G-1200SP	1200	38 020 73
EC187G-1500SP	1500	38 020 80

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

Belt Fastener EC62SS with Connecting ECP62NCS
 Belt Strength up to 200 kN/m, Minimum Pulley Dia. 50 mm, belt thickness 1.5-3.2 mm
 Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Cable Pins NCS

EC62SS-300NCS	300	38 004 20
EC62SS-400NCS	400	38 006 04
EC62SS-450NCS	450	38 006 11
EC62SS-500NCS	500	38 006 28
EC62SS-600NCS	600	38 004 68
EC62SS-750NCS	750	38 006 42
EC62SS-800NCS	800	38 006 59
EC62SS-900NCS	900	38 004 99
EC62SS-1000NCS	1000	38 006 73
EC62SS-1050NCS	1050	38 006 80
EC62SS-1200NCS	1200	38 007 10
EC62SS-1500NCS	1500	38 007 27
EC62SS-1200/bulk50*	1200	38 007 58
EC62SS-1500/bulk50*	1500	38 007 65
EC62SS-1800/bulk50*	1800	38 007 72

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC62SS with Connecting ECP62SS
 Belt Strength up to 200 kN/m, Minimum Pulley Dia. 50 mm, belt thickness 1.5-3.2 mm
 Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

EC62SS-300SS	300	38 008 02
EC62SS-450SS	450	38 008 19
EC62SS-500SS	500	38 008 26
EC62SS-600SS	600	38 008 33
EC62SS-750SS	750	38 008 40
EC62SS-900SS	900	38 008 57
EC62SS-1000SS	1000	38 008 64
EC62SS-1050SS	1050	38 008 71
EC62SS-1200SS	1200	38 008 88
EC62SS-1500SS	1500	38 008 95

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

Belt Fastener EC125SS with Connecting Pin ECP125NCS
 Belt Strength up to 315 kN/m, Minimum Pulley Dia. 75mm, belt thickness 3.2-4.8 mm
 Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Cable Pins NCS

EC125SS-100NCS	100	38 013 97
EC125SS-250NCS	250	38 014 03
EC125SS-300NCS	300	38 009 01
EC125SS-350NCS	350	38 014 27
EC125SS-400NCS	400	38 014 58
EC125SS-450NCS	450	38 014 65
EC125SS-500NCS	500	38 014 72
EC125SS-600NCS	600	38 009 56
EC125SS-750NCS	750	38 014 89
EC125SS-800NCS	800	38 014 96
EC125SS-900NCS	900	38 009 87
EC125SS-1000NCS	1000	38 015 19
EC125SS-1050NCS	1050	38 015 26
EC125SS-1200NCS	1200	38 015 33
EC125SS-1500NCS	1500	38 015 40
EC125SS-1200/bulk50*	1200	38 015 64
EC125SS-1500/bulk50*	1500	38 015 71
EC125SS-1800/bulk50*	1800	38 015 88

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).

** 10 Sets (20 Strips

+ 10 Connecting Pins + Washers)



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC125SS with Connecting Pin ECP125SS
 Belt Strength up to 315 kN/m, Minimum Pulley Dia. 75mm, belt thickness 3.2-4.8 mm
 Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

EC125SS-300SS	300	38 016 01
EC125SS-350SS	350	38 016 18
EC125SS-400SS	400	38 016 25
EC125SS-450SS	450	38 016 32
EC125SS-500SS	500	38 016 49
EC125SS-600SS	600	38 016 56
EC125SS-750SS	750	38 016 63
EC125SS-900SS	900	38 016 70
EC125SS-1000SS	1000	38 016 87
EC125SS-1050SS	1050	38 016 94
EC125SS-1200SS	1200	38 017 00
EC125SS-1500SS	1500	38 017 17

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Strip-length (mm)	Order No.
-------------	-------------------	-----------

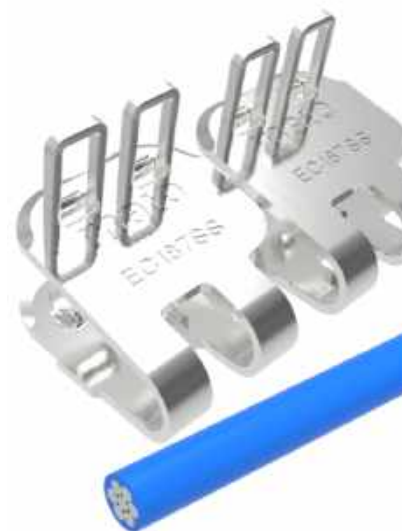
Belt Fastener EC187SS with Connecting Pin ECP187NCS
 Belt Strength up to 400 kN/m, Minimum Pulley Dia. 100 mm, belt thickness 4,8-6,4 mm
 Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Cable Pins NCS

EC187SS-100NCS**	100	38 022 02
EC187SS-300NCS	300	38 022 19
EC187SS-400NCS	400	38 022 26
EC187SS-450NCS	450	38 022 33
EC187SS-500NCS	500	38 022 40
EC187SS-600NCS	600	38 014 10
EC187SS-750NCS	750	38 022 57
EC187SS-800NCS	800	38 022 64
EC187SS-900NCS	900	38 014 41
EC187SS-1000NCS	1000	38 022 88
EC187SS-1050NCS	1050	38 022 95
EC187SS-1200NCS	1200	38 023 01
EC187SS-1500NCS	1500	38 023 18
EC187SS-1200/bulk50*	1200	38 021 58
EC187SS-1500/bulk50*	1500	38 021 65
EC187SS-1800/bulk50*	1800	38 021 72

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).

** 10 Sets (20 Strips + 10 Connecting Pins + Washers)



* 25 Sets (50 Strips) without Connecting Pins + Washers

Belt Fastener EC187SS with Connecting Pin ECP187NCS
 Belt Strength up to 400 kN/m, Minimum Pulley Dia. 100 mm, belt thickness 4,8-6,4 mm
 Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

EC187SS-300SS	300	38 024 00
EC187SS-400SS	400	38 024 17
EC187SS-450SS	450	38 024 24
EC187SS-500SS	500	38 024 31
EC187SS-600SS	600	38 024 48
EC187SS-750SS	750	38 024 55
EC187SS-900SS	900	38 024 62
EC187SS-1000SS	1000	38 024 79
EC187SS-1050SS	1050	38 024 86
EC187SS-1200SS	1200	38 024 93
EC187SS-1500SS	1500	38 025 09

Box content:

4 Sets of Lacing (8 Strips + 4 Connecting Pins + 10 Retaining Washers).



Description	Length mm	Order No.
Connecting Pin ECP62NC		
Nylon Covered Steel Cable, Outside Diameter 2.0 mm		
ECP62-300NC	300	38 026 08
ECP62-400NC	400	38 026 15
ECP62-450NC	450	38 026 22
ECP62-500NC	500	38 026 39
ECP62-600NC	600	38 026 46
ECP62-750NC	750	38 026 53
ECP62-800NC	800	38 026 60
ECP62-900NC	900	38 026 77
ECP62-1000NC	1000	38 026 84
ECP62-1050NC	1050	38 026 91
ECP62-1200NC	1200	38 027 07
ECP62-1500NC	1500	38 027 14
ECP62-NC 3 Meter*	3m	38 027 21
ECP62-NC 30 Meter*	30m	38 027 38

Packing Unit content:
10 Connecting Pins.
* One coil



Connecting Pin ECP125NC		
Nylon Covered Steel Cable, Outside Diameter 3.6 mm		
ECP125-100NC	100	38 027 52
ECP125-250NC	250	38 027 69
ECP125-300NC	300	38 027 76
ECP125-350NC	350	38 027 83
ECP125-400NC	400	38 027 90
ECP125-450NC	450	38 028 06
ECP125-500NC	500	38 028 13
ECP125-600NC	600	38 028 20
ECP125-750NC	750	38 028 37
ECP125-800NC	800	38 028 44
ECP125-900NC	900	38 028 51
ECP125-1000NC	1000	38 028 68
ECP125-1050NC	1050	38 028 75
ECP125-1200NC	1200	38 028 82
ECP125-1500NC	1500	38 028 99
ECP125-NC 3 Meter*	3m	38 029 05
ECP125-NC 30 Meter*	30m	38 029 12

Packing Unit content:
10 Connecting Pins.
* One coil



Description	Length mm	Order No.
-------------	--------------	-----------

Connecting Pin ECP187NC

Nylon Covered Steel Cable, Outside Diameter 5.1 mm

ECP187-100NC	100	38 029 50
ECP187-300NC	300	38 029 67
ECP187-400NC	400	38 029 74
ECP187-450NC	450	38 029 81
ECP187-500NC	500	38 029 98
ECP187-600NC	600	38 030 01
ECP187-750NC	750	38 030 18
ECP187-800NC	800	38 030 25
ECP187-900NC	900	38 030 32
ECP187-1000NC	1000	38 030 49
ECP187-1050NC	1050	38 030 56
ECP187-1200NC	1200	38 030 63
ECP187-1500NC	1500	38 030 70

ECP187-NC 3 Meter*	3m	38 030 87
ECP187-NC 30 Meter*	30m	38 030 94

Packing Unit content:

10 Connecting Pins.

* One coil



Connecting Pin ECP62NCS

Nylon Covered Steel Cable, Outside Diameter, ø 2.0 mm

ECP62-300NCS	300	38 031 00
ECP62-400NCS	400	38 031 17
ECP62-450NCS	450	38 031 24
ECP62-500NCS	500	38 031 31
ECP62-600NCS	600	38 031 48
ECP62-750NCS	750	38 031 55
ECP62-800NCS	800	38 031 62
ECP62-900NCS	900	38 031 79
ECP62-1000NCS	1000	38 031 86
ECP62-1050NCS	1050	38 031 93
ECP62-1200NCS	1200	38 032 09
ECP62-1500NCS	1500	38 032 16

ECP62-NCS 3 Meter*	3m	38 032 23
ECP62-NCS 30 Meter*	30m	38 032 30

Packing Unit content:

10 Connecting Pins.

* One coil



Description	Length mm	Order No.
-------------	--------------	-----------

Connecting Pin ECP125NCS

Nylon Covered Stainless Steel Cable, Outside Diameter 3.6 mm

ECP125-100NCS	100	38 032 54
ECP125-250NCS	250	38 032 61
ECP125-300NCS	300	38 032 78
ECP125-350NCS	350	38 032 85
ECP125-400NCS	400	38 032 92
ECP125-450NCS	450	38 033 08
ECP125-500NCS	500	38 033 15
ECP125-600NCS	600	38 033 22
ECP125-750NCS	750	38 033 39
ECP125-800NCS	800	38 033 46
ECP125-900NCS	900	38 033 53
ECP125-1000NCS	1000	38 033 60
ECP125-1050NCS	1050	38 033 77
ECP125-1200NCS	1200	38 033 84
ECP125-1500NCS	1500	38 033 91

ECP125-NCS 3 Meter*	3m	38 034 07
ECP125-NCS 30 Meter*	30m	38 034 14

Packing Unit content:
10 Connecting Pins.
* One coil



Connecting Pin ECP187NCS

Nylon Covered Stainless Steel Cable, Outside Diameter 5.1 mm

ECP187-250NCS	250	38 034 52
ECP187-350NCS	350	38 034 69
ECP187-400NCS	400	38 034 76
ECP187-450NCS	450	38 034 83
ECP187-500NCS	500	38 034 90
ECP187-600NCS	600	38 035 06
ECP187-750NCS	750	38 035 13
ECP187-800NCS	800	38 035 20
ECP187-900NCS	900	38 035 37
ECP187-1000NCS	1000	38 035 44
ECP187-1050NCS	1050	38 035 51
ECP187-1200NCS	1200	38 035 68
ECP187-1500NCS	1500	38 035 75

ECP187-NCS 3 Meter*	3m	38 035 82
ECP187-NCS 30 Meter*	30m	38 035 99

Packing Unit content:
10 Connecting Pins.
* One coil



Accessories for connecting pins ECP

retaining washers to lock pins in splice

Retaining Washers ECP62 (50)	38 046 40	5.80
Retaining Washers ECP125 (50)	38 046 57	5.80
Retaining Washers ECP187 (50)	38 046 64	5.80

VPE = 5x10 Stück
VPE = 5x10 Stück
VPE = 5x10 Stück



Description	Length mm	Order No.
-------------	--------------	-----------

Connecting Pin ECP62SP

Steel Spring Wire, Outside Diameter 2.0 mm

ECP62-300SP	300	38 036 05
ECP62-400SP	400	38 036 12
ECP62-450SP	450	38 036 29
ECP62-500SP	500	38 036 36
ECP62-600SP	600	38 036 43
ECP62-750SP	750	38 036 50
ECP62-800SP	800	38 036 67
ECP62-900SP	900	38 036 74
ECP62-1000SP	1000	38 036 81
ECP62-1050SP	1050	38 036 98
ECP62-1200SP	1200	38 037 04
ECP62-1350SP	1350	38 037 42
ECP62-1500SP	1500	38 037 11
ECP62-1800SP	1800	38 037 28

Packing Unit content:
10 Connecting Pins.



Connecting Pin ECP125SP

Steel Spring Wire, Outside Diameter 3.5 mm

ECP125-100SP	100	38 037 59
ECP125-250SP	250	38 037 66
ECP125-300SP	300	38 037 73
ECP125-350SP	350	38 037 80
ECP125-400SP	400	38 037 97
ECP125-450SP	450	38 038 03
ECP125-500SP	500	38 038 10
ECP125-600SP	600	38 038 27
ECP125-750SP	750	38 038 34
ECP125-800SP	800	38 038 41
ECP125-900SP	900	38 038 58
ECP125-1000SP	1000	38 038 65
ECP125-1050SP	1050	38 038 72
ECP125-1200SP	1200	38 038 89
ECP125-1500SP	1500	38 038 96
ECP125-1800SP	1800	38 039 02

Packing Unit content:
10 Connecting Pins.



Connecting Pin ECP187SP

Steel Spring Wire, Outside Diameter 4.5 mm

ECP187-100SP	100	38 039 57
ECP187-300SP	300	38 039 64
ECP187-400SP	400	38 039 71
ECP187-450SP	450	38 039 88
ECP187-500SP	500	38 039 95

Packing Unit content:
10 Connecting Pins.



Description	Length mm	Order No.
-------------	--------------	-----------

Connecting Pin ECP187SP

Steel Spring Wire, Outside Diameter 4.5 mm

ECP187-600SP	600	38 040 08
ECP187-750SP	750	38 040 15
ECP187-800SP	800	38 040 22
ECP187-900SP	900	38 040 39
ECP187-1000SP	1000	38 040 46
ECP187-1050SP	1050	38 040 53
ECP187-1200SP	1200	38 040 60
ECP187-1500SP	1500	38 040 77
ECP187-1800SP	1800	38 040 84

Packing Unit content:

10 Connecting Pins.



Connecting Pin ECP62SS

Stainless Steel Spring Wire, Outside Diameter 2.0 mm

ECP62-300SS	300	38 041 07
ECP62-400SS	400	38 041 14
ECP62-450SS	450	38 041 21
ECP62-500SS	500	38 041 38
ECP62-600SS	600	38 041 45
ECP62-750SS	750	38 041 52
ECP62-800SS	800	38 041 69
ECP62-900SS	900	38 041 76
ECP62-1000SS	1000	38 041 83
ECP62-1050SS	1050	38 041 90
ECP62-1200SS	1200	38 042 06
ECP62-1350SS	1350	38 042 44
ECP62-1500SS	1500	38 042 13
ECP62-1800SS	1800	38 042 20

Packing Unit content:

10 Connecting Pins.



Connecting Pin ECP125SS

Stainless Steel Spring Wire, Outside Diameter 3.5 mm

ECP125-100SS	100	38 042 51
ECP125-250SS	250	38 042 68
ECP125-300SS	300	38 042 75
ECP125-350SS	350	38 042 82
ECP125-400SS	400	38 042 99
ECP125-450SS	450	38 043 05
ECP125-500SS	500	38 043 12
ECP125-600SS	600	38 043 29
ECP125-750SS	750	38 043 36
ECP125-800SS	800	38 043 43
ECP125-900SS	900	38 043 50

Packing Unit content:

10 Connecting Pins.



Description	Length mm	Order No.
-------------	--------------	-----------

Connecting Pin ECP125SS

Stainless Steel Spring Wire, Outside Diameter 3.5 mm

ECP125-1000SS	1000	38 043 67
ECP125-1050SS	1050	38 043 74
ECP125-1200SS	1200	38 043 81
ECP125-1500SS	1500	38 043 98
ECP125-1800SS	1800	38 044 04

Packing Unit content:
10 Connecting Pins.



Connecting Pin ECP187SS

Stainless Steel Spring Wire, Outside Diameter 4.5 mm

ECP187-250SS	250	38 044 59
ECP187-350SS	350	38 044 66
ECP187-400SS	400	38 044 73
ECP187-450SS	450	38 044 80
ECP187-500SS	500	38 044 97
ECP187-600SS	600	38 045 03
ECP187-750SS	750	38 045 10
ECP187-800SS	800	38 045 27
ECP187-900SS	900	38 045 34
ECP187-1000SS	1000	38 045 41
ECP187-1050SS	1050	38 045 58
ECP187-1200SS	1200	38 045 65
ECP187-1500SS	1500	38 045 72
ECP187-1800SS	1800	38 045 89

Packing Unit content:
10 Connecting Pins.



Splicing Kit EFEK-G

Galvanized Steel fasteners, NC Pin

EasyFix Eco Kit EFEK62-G	38 048 00
Belt Thickness 1.5-3.2 mm	
EasyFix Eco Kit EFEK125-G	38 048 17
Belt Thickness 3.2-4.8 mm	
EasyFix Eco Kit EFEK187-G	38 048 24
Belt Thickness 4.8-6.4 mm	

Packing Unit content:
1 Set of Lacing (4 Strips of 300mm)
1 Connecting Pin / Retaining Washers
Installation Tool

Splicing Kit EFEK-SS

Stainless Steel fasteners, NCS Pins

EasyFix Eco Kit EFEK62-SS	38 048 31
Belt Thickness 1.5-3.2 mm	
EasyFix Eco Kit EFEK125-SS	38 048 48
Belt Thickness 3.2-4.8 mm	
EasyFix Eco Kit EFEK187-SS	38 048 55
Belt Thickness 4.8-6.4 mm	



Installation Film

The Splicing Kit is ideal as a mobile and quick repair solution for your conveyor belt, the Kit includes one complete splice for a belt width up to 600mm also a small installation tool.

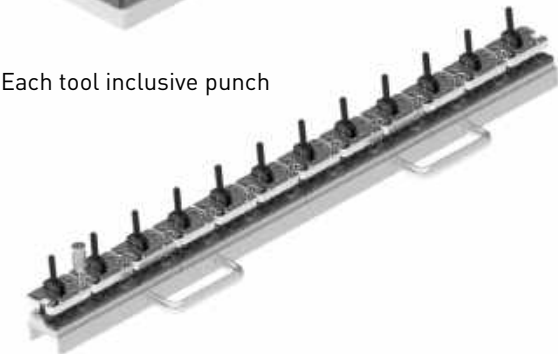
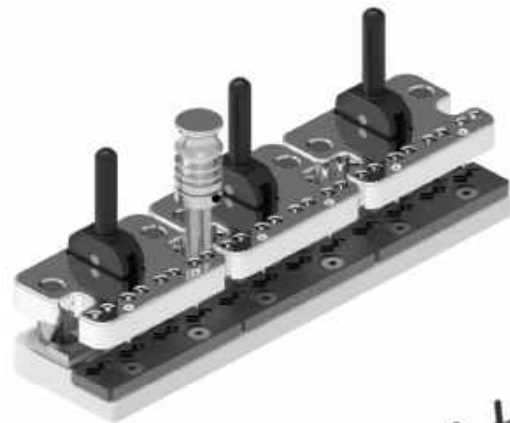
Description	Order No.
-------------	-----------

Installation Tool EasyFix EFT

EasyFix Tool EFT-100/4"	38 050 05
EasyFix Tool EFT-300/12"	38 050 29
EasyFix Tool EFT-600/24"	38 050 36
EasyFix Tool EFT-1200/48"	38 050 50

Sizes 600mm und 1200mm are reinforced with Stainless Steel U-Profile. Also contain carrying handle

Spare Punch for EFT	38 051 42
---------------------	-----------



Each tool inclusive punch

Accessories

EC-Setting Plate	38 051 35
------------------	-----------



Belt Grinder	38 051 11
--------------	-----------



ECP-Cutter	38 051 04
------------	-----------



ECP-Bender	38 051 28
------------	-----------



Supergrip-Skiver	380 50 98
------------------	-----------



Strip Length	Belt Thickness	Pitch	Order No.
--------------	----------------	-------	-----------

Belt Fastener D71-C
Special Steel

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 25 mm

300 mm	1.5 - 2.0 mm	4 mm	42 101 71 30
600 mm	1.5 - 2.0 mm	4 mm	42 101 71 60
1200 mm	1.5 - 2.0 mm	4 mm	42 101 71 12

Belt Fastener D72-C
Special Steel

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 35 mm

300 mm	2.0 - 2.5 mm	4 mm	42 101 72 30
600 mm	2.0 - 2.5 mm	4 mm	42 101 72 60
1200 mm	2.0 - 2.5 mm	4 mm	42 101 72 12

Belt Fastener D73-C
Special Steel

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 50 mm

300 mm	2.5 - 3.5 mm	4 mm	42 101 73 30
600 mm	2.5 - 3.5 mm	4 mm	42 101 73 60
1200 mm	2.5 - 3.5 mm	4 mm	42 101 73 12



Material : **Special Steel**

Box content:
4 Complete Sets
(8 Fastener Strips + 4 Connecting Pins)

Note:
Fasteners D71, D72, D73 can be spliced with the Lacing Tool MATOROLL, Vice Lacer MATOVICE or hydraulic installation machine.

Belt Fastener D71-SS
Stainless Steel 1.4404

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 25 mm

300 mm	1.5 - 2.0 mm	4 mm	42 104 71 30
600 mm	1.5 - 2.0 mm	4 mm	42 104 71 60
1200 mm	1.5 - 2.0 mm	4 mm	42 104 71 12

Belt Fastener D72-SS
Stainless Steel 1.4404

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 35 mm

300 mm	2.0 - 2.5 mm	4 mm	42 104 72 30
600 mm	2.0 - 2.5 mm	4 mm	42 104 72 60
1200 mm	2.0 - 2.5 mm	4 mm	42 104 72 12

Belt Fastener D73-SS
Stainless Steel 1.4404

Connecting Pin Dia. 1.4 mm
Minimum Pulley Diameter 50 mm

300 mm	2.5 - 3.5 mm	4 mm	42 104 73 30
600 mm	2.5 - 3.5 mm	4 mm	42 104 73 60
1200 mm	2.5 - 3.5 mm	4 mm	42 104 73 12



Material : **Stainless Steel**

Box content:
4 Complete Sets
(8 Fastener Strips + 4 Connecting Pins)

Note:
Fasteners D71, D72, D73 can be spliced with the Lacing Tool MATOROLL, Vice Lacer MATOVICE or hydraulic installation machine.

Strip Length	Belt Thickness	Pitch	Order No.	Splicing without Lacing Tool 
Belt Fastener D82-C		Connecting Pin Dia. 1.4 mm		
Special Steel		Minimum Pulley Diameter 60 mm		
300 mm	3.0 - 4.0 mm	6 mm	42 101 82 30	
Belt Fastener D83-C		Connecting Pin Dia. 2.1 mm		
Special Steel		Minimum Pulley Diameter 75 mm		
300 mm	4.0 - 5.0 mm	8 mm	42 101 83 30	
Belt Fastener D84-C		Connecting Pin Dia. 2.1 mm		
Special Steel		Minimum Pulley Diameter 100 mm		
300 mm	5.0 - 6.5 mm	8 mm	42 101 84 30	
Belt Fastener D85-C		Connecting Pin Dia. 2.1 mm		
Special Steel		Minimum Pulley Diameter 125 mm		
300 mm	6.5 - 7.5 mm	8 mm	42 101 85 30	
Belt Fastener D86-C		Connecting Pin Dia. 3.0 mm		
Special Steel		Minimum Pulley Diameter 175 mm		
300 mm	7.5 - 8.5 mm	10 mm	42 101 86 30	
Belt Fastener D87-C		Connecting Pin Dia. 3.0 mm		
Special Steel		Minimum Pulley Diameter 225 mm		
300 mm	8.5 - 9.5 mm	12 mm	42 101 87 30	
Belt Fastener D88-C		Connecting Pin Dia. 3.5 mm		
Special Steel		Minimum Pulley Diameter 300 mm		
300 mm	9.5 - 11 mm	16 mm	42 101 88 30	
Belt Fastener D89-C		Connecting Pin Dia. 3.5 mm		
Special Steel		Minimum Pulley Diameter 350 mm		
300 mm	11 - 12.5 mm	16 mm	42 101 89 30	

Material : Special Steel

Box content:
4 Complete Sets
(8 Fastener Strips + 4 Connecting Pins)

Description	Belt Thickness	Order No.	Installation without Lacing Tool 
Belt Fastener S82 Leg Length 8 mm, Width 12 mm			
S82 (200)	up to 4 mm	42 701 20 00	
Belt Fastener S83 Leg Length 10 mm, Width 14 mm			
S83 (201)	up to 6 mm	42 701 20 10	
Belt Fastener S84 Leg Length 12 mm, Width 17 mm			
S84 (202)	up to 8 mm	42 701 20 20	
Belt Fastener S85 Leg Length 16 mm, Width 23 mm			
S85 (203)	up to 10 mm	42 701 20 30	
Belt Fastener S86 Leg Length 20 mm, Width 25 mm			Material : Special Steel Packing Units: 100 Fasteners
S86 (204)	up to 13 mm	42 701 20 40	
Belt Fastener S87 Leg Length 23 mm, Width 30 mm			
S87 (205)	up to 15 mm	42 701 20 50	
Belt Fastener S88 Leg Length 29 mm, Width 35 mm			
S88 (206)	up to 18 mm	42 701 20 60	
Belt Fastener S89 Leg Length 38 mm, Width 43 mm			
S89 (207)	up to 21 mm	42 701 20 70	

mato



The MATO **Spiral Fastener Series Y** has been developed for special applications in the food industry requiring non metallic splices. These Fasteners are FDA approved and suitable for very small pulley diameters (from 10 mm) as well as for higher temperatures (up to 240°C).

The Fastener's texture is glued to the conveyor belt, vulcanised or sewn (typically between top and bottom layers of the belt).

Using Double Web Fasteners, the belt can be placed between both fastener textures and than glued, vulcanised or sewn.

Length	Spiral height. PET-Ø	Belt- thickness	Order No.
--------	-------------------------	--------------------	-----------

Belt Fastener Y50PWS		Connecting Pin Dia. 0.8 mm	
Spiral Lace, white, full width 100 mm		Min. Pulley Ø 10 mm web thickness 0,5 mm	

3 Meter	2,2/0,55mm	1,6-3,2mm	42 605 52 11
10 Meter	2,2/0,55mm	1,6-3,2mm	42 605 52 12
30 Meter	2,2/0,55mm	1,6-3,2mm	42 605 52 13

Belt Fastener Y65PWS		Connecting Pin Dia. 1.0 mm	
Spiral Lace, white, full width 136 mm		Min. Pulley Ø 30 mm web thickness 0,7 mm	

3 Meter	2,9/0,7mm	2,4-3,6mm	42 606 52 11
10 Meter	2,9/0,7mm	2,4-3,6mm	42 606 52 12
30 Meter	2,9/0,7mm	2,4-3,6mm	42 606 52 13

Belt Fastener Y90PWS		Connecting Pin Dia. 1.2 mm	
Spiral Lace, white, full width 134 mm		Min. Pulley Ø 50 mm web thickness 0,7 mm	

3 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 11
10 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 12
30 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 13

Belt Fastener Y160PWS		Connecting Pin Dia. 1.0 mm	
Spiral Lace, white, full width 210 mm		Min. Pulley Ø 30 mm web thickness 0,7 mm	

3 Meter	3,0/0,7mm	2,4-3,6mm	42 609 52 11
10 Meter	3,0/0,7mm	2,4-3,6mm	42 609 52 12
30 Meter	3,0/0,7mm	2,4-3,6mm	42 609 52 13

Belt Fastener Y190PWS		Connecting Pin Dia. 1.2 mm	
Spiral Lace, white, full width 210 mm		Min. Pulley Ø 50 mm web thickness 0,7 mm	

3 Meter	3,6/0,9mm	3,2-4,6mm	42 600 52 11
10 Meter	3,6/0,9mm	3,2-4,6mm	42 600 52 12
30 Meter	3,6/0,9mm	3,2-4,6mm	42 600 52 13

Belt Fastener Y65PBS		Connecting Pin Dia. 1.0 mm	
Spiral Lace, black, full width 136 mm		Min. Pulley Ø 30 mm web thickness 0,7 mm	

3 Meter	3,0/0,7mm	2,4-3,6mm	42 606 54 11
10 Meter	3,0/0,7mm	2,4-3,6mm	42 606 54 12
30 Meter	3,0/0,7mm	2,4-3,6mm	42 606 54 13

Belt Fastener Y90PBS		Connecting Pin Dia. 1.2 mm	
Spiral Lace, black, full width 134 mm		Min. Pulley Ø 50 mm web thickness 0,7 mm	

3 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 11
10 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 12
30 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 13

Single Web - White

Material : Polyester (PET)
Temperature resistant up to 160°C



Single Web - Black

Material : Polyester (PET)
Temperature resistant up to 160°C



Please ask for further Fastener Sizes and Material Compositions.

Length	Spiral height. PET-Ø	Belt- thickness	Order No.
--------	-------------------------	--------------------	-----------

Belt Fastener Y65PWD		Connecting Pin Dia. 1.0 mm	
Spiral Lace, white, width 108 mm		Min. Pulley Ø 30 mm, web thickness 2x0,5mm	

3 Meter	3,0/0,7mm	2,4-3,6mm	42 606 52 21
10 Meter	3,0/0,7mm	2,4-3,6mm	42 606 52 22
30 Meter	3,0/0,7mm	2,4-3,6mm	42 606 52 23

Belt Fastener Y90PWD		Connecting Pin Dia. 1.2 mm	
Spiral Lace, white, width 107 mm		Min. Pulley Ø 50 mm, web thickness 2x0,5mm	

3 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 21
10 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 22
30 Meter	3,6/0,9mm	3,2-4,6mm	42 608 52 23

Belt Fastener Y90PBD		Connecting Pin Dia. 1.2 mm	
Spiral Lace, black, width 107 mm		Min. Pulley Ø 50 mm, web thickness 2x0,5mm	

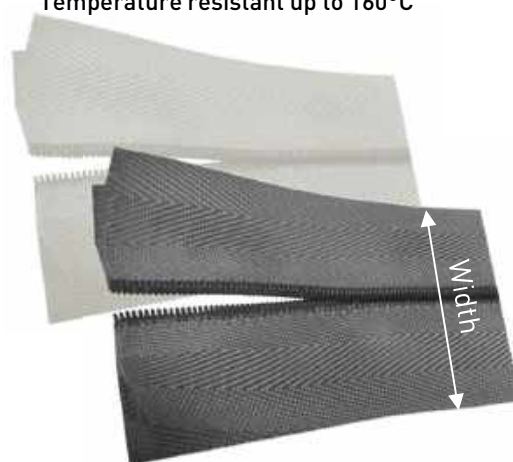
3 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 21
10 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 22
30 Meter	3,6/0,9mm	3,2-4,6mm	42 608 54 23

Belt Fastener Y80EAD		Connecting Pin Dia. 1.2 mm	
Spiral Lace, brown, width 83 mm		Min. Pulley Ø 50 mm, web thickness 2x0,65mm	

3 Meter	3,6/0,9mm	2,4-3,6mm	42 607 41 21
10 Meter	3,6/0,9mm	2,4-3,6mm	42 607 41 22
30 Meter	3,6/0,9mm	2,4-3,6mm	42 607 41 23

Double Web - White / Black

Material: Polyester (PET)
Temperature resistant up to 160°C



Double Web - Brown

Material : Polyetheretherketone (PEEK)
Temperature resistant up to 240°C
hydrolysis resistant



Please ask for further Fastener Sizes and Material Compositions.

Connecting Pins for Spiral Fastener Y

Description	Pin Dia.	Maximum Temp.	Order No.
-------------	----------	------------------	-----------

Connecting Pin YK whites			
100 Meter Coil			

YK08-MW	0.8 mm	160°C	42 509 31 81
YK10-MW	1.0 mm	160°C	42 509 31 01
YK12-MW	1.2 mm	160°C	42 509 31 21

Connecting Pin YK black			
100 Meter Coil			

YK10-MB	1.0 mm	160°C	42 509 11 01
YK12-MB	1.2 mm	160°C	42 509 11 21

Connecting Pin YK brown			
100 Meter Coil			

YK12-EA	1.2 mm	240°C	42 509 21 21
YK15-EA	1.5 mm	240°C	42 509 21 51



Description	Order No.
Multiface 1.5 BOND in double cartridge inclusive 2 static mixers	
Multiface® has been specially developed for maintenance of conveyor belts made of rubber, PVC or PU as well as for the bonding of abrasion resistant lining (patent pending). Multiface® is even usable for materials such as metal, glass, ceramics, wood, textile and many other plastic materials, when a high strength and permanently elastic gluing with a very thin gap is required.	
MF-1.5 -25 (2x12.5 g) (No Caulking Gun necessary)	38 078 18
MF-1.5 -50 (2x25 g)	38 078 25
MF-1.5 -200 (2x100 g)	38 078 32
MF-1.5 -400 (2x200 g)	38 078 49
Quick drying , 65 ShoreA, No hazardous product, Food contact approved according to EG 1935/2004, color of BOND black.	
MATO BOND Starter Set 200	
Starter Set 200	38 078 56
including:	
1 Double Cartridge MF-1.5 -200 (2x100 g) (Multiface 1.5 - 200 (2x100 g))	
1 Caulking Gun 200/400	
1 Carding Brush	
1 Round Brush	
3 Static Mixers	
1 Tool box	
MATO BOND Starter Set 400	
Starter Set 400	38 078 63
including:	
1 Double Cartridge MF-1.5 -400 (2x200 g) (Multiface 1.5 - 400 (2x200 g))	
1 Caulking Gun 200/400	
1 Carding Brush	
1 Round Brush	
3 Static Mixers	
1 Tool box	
Accessories	
Caulking Gun 50	38 078 70
Caulking Gun 200/400	38 078 87
Tool box	38 079 79
Static Mixer 25/50	38 078 94
Static Mixer 200/400	38 079 00
Carding Brush	38 079 17
Spare belt for Carding Brush	38 079 24
Belt Grinder	38 051 11
Belt Grinder Cone	38 079 48
Rotating Carding Brush	38 079 31
ø100 mm x 23 mm with internal thread M14	



Additional accessories are available upon request

Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.
38 001 23	12	38 012 98	48	38 026 60	53	38 036 05	56	380 45 72	58	41 114 92 53	6
38 001 30	12	38 013 04	48	38 026 77	53	38 036 12	56	380 45 89	58	41 114 92 54	6
38 001 47	12	38 013 11	48	38 026 84	53	38 036 29	56	380 46 40	55	41 114 92 55	6
38 001 54	12	38 013 97	51	38 026 91	53	38 036 36	56	380 46 57	55	41 114 92 56	6
38 001 61	12	38 014 03	51	38 027 07	53	38 036 43	56	380 46 64	55	41 114 92 57	6
38 002 08	47	38 014 10	52	38 027 14	53	38 036 50	56	380 48 00	58	41 114 92 58	6
38 002 15	47	38 014 27	51	38 027 21	53	38 036 67	56	380 48 17	58	41 114 92 59	6
38 002 22	47	38 014 41	52	38 027 38	53	38 036 74	56	380 48 24	58	41 114 92 60	6
38 002 39	47	38 014 58	51	38 027 52	53	38 036 81	56	380 48 31	58	41 114 92 61	6
38 002 46	47	38 014 65	51	38 027 69	53	38 036 98	56	380 48 48	58	41 115 23 98	9
38 002 53	47	38 014 72	51	38 027 76	53	38 037 04	56	380 48 55	58	41 115 23 99	9
38 002 60	47	38 014 89	51	38 027 83	53	38 037 11	56	380 50 05	59	41 115 24 01	9
38 002 77	47	38 014 96	51	38 027 90	53	38 037 28	56	380 50 29	59	41 115 24 02	9
38 002 84	47	38 015 19	51	38 028 06	53	38 037 42	56	380 50 36	59	41 115 24 03	9
38 002 91	47	38 015 26	51	38 028 13	53	38 037 59	56	380 50 50	59	41 115 24 06	9
38 003 07	47	38 015 33	51	38 028 20	53	38 037 66	56	380 50 98	59	41 115 24 07	9
38 003 14	47	38 015 40	51	38 028 37	53	38 037 73	56	380 51 04	59	41 115 24 08	9
38 003 52	47	38 015 64	51	38 028 44	53	38 037 80	56	380 51 11	59/66	41 115 24 09	9
38 003 69	47	38 015 71	51	38 028 51	53	38 037 97	56	380 51 28	59	41 115 24 10	9
38 003 76	47	38 015 88	51	38 028 68	53	38 038 03	56	380 51 35	59	41 115 24 11	9
38 003 90	47	38 016 01	51	38 028 75	53	38 038 10	56	380 51 42	59	41 115 24 12	9
38 004 06	47	38 016 18	51	38 028 82	53	38 038 27	56	380 78 18	66	41 115 25 15	9
38 004 13	47	38 016 25	51	38 028 99	53	38 038 34	56	380 78 25	66	41 115 60 76	9
38 004 20	50	38 016 32	51	38 029 05	53	38 038 41	56	380 78 32	66	41 115 60 77	9
38 004 37	47	38 016 49	51	38 029 12	53	38 038 58	56	380 78 49	66	41 115 60 78	9
38 004 44	47	38 016 56	51	38 029 50	54	38 038 65	56	380 78 56	66	41 115 60 79	9
38 004 51	47	38 016 63	51	38 029 67	54	38 038 72	56	380 78 63	66	41 115 60 80	9
38 004 68	50	38 016 70	51	38 029 74	54	38 038 89	56	380 78 70	66	41 115 60 81	9
38 004 75	47	38 016 87	51	38 029 81	54	38 038 96	56	380 78 87	66	41 115 60 82	9
38 004 82	47	38 016 94	51	38 029 98	54	38 039 02	56	380 78 94	66	41 115 60 83	9
38 004 99	50	38 017 00	51	38 030 01	54	38 039 57	56	380 79 00	66	41 115 60 84	9
38 005 05	47	38 017 17	51	38 030 18	54	38 039 64	56	380 79 17	66	41 115 60 85	9
38 005 12	47	38 018 09	49	38 030 25	54	38 039 71	56	380 79 24	66	41 115 60 86	9
38 006 04	50	38 018 16	49	38 030 32	54	38 039 88	56	380 79 31	66	41 115 60 87	9
38 006 11	50	38 018 23	49	38 030 49	54	38 039 95	56	380 79 48	66	41 115 60 88	9
38 006 28	50	38 018 30	49	38 030 56	54	38 040 08	57	380 79 79	66	41 115 60 89	9
38 006 42	50	38 018 47	49	38 030 63	54	38 040 15	57	385 59 70	14	41 115 60 90	9
38 006 59	50	38 018 54	49	38 030 70	54	38 040 22	57	41 114 23 98	5	41 115 60 91	9
38 006 73	50	38 018 61	49	38 030 87	54	38 040 39	57	41 114 23 99	5	41 115 60 92	9
38 006 80	50	38 018 85	49	38 030 94	54	38 040 46	57	41 114 24 00	5	41 115 60 93	9
38 007 03	48	38 018 92	49	38 031 00	54	38 040 53	57	41 114 24 01	5	41 115 60 94	9
38 007 10	50	38 019 15	49	38 031 17	54	38 040 60	57	41 114 24 02	5	41 115 60 95	9
38 007 27	50	38 019 22	49	38 031 24	54	38 040 77	57	41 114 24 03	6	41 129 58 06	13
38 007 34	48	38 019 53	49	38 031 31	54	38 040 84	57	41 114 24 05	5	41 129 58 07	13
38 007 58	50	38 019 60	49	38 031 48	54	38 041 07	57	41 114 24 06	5	41 129 58 08	15
38 007 65	50	38 019 77	49	38 031 55	54	38 041 14	57	41 114 24 07	5	41 129 58 16	15
38 007 72	50	38 020 04	49	38 031 62	54	38 041 21	57	41 114 24 09	5	41 129 58 17	7
38 008 02	50	38 020 11	49	38 031 79	54	38 041 38	57	41 114 24 13	5	41 129 58 18	7
38 008 19	50	38 020 28	49	38 031 86	54	38 041 45	57	41 114 24 14	5	41 129 58 25	7
38 008 26	50	38 020 35	49	38 031 93	54	38 041 52	57	41 114 24 15	5	41 129 58 27	14
38 008 33	50	38 020 42	49	38 032 09	54	38 041 69	57	41 114 24 16	5	41 129 58 28	14
38 008 40	50	38 020 59	49	38 032 16	54	38 041 76	57	41 114 24 17	5	41 129 58 30	8
38 008 57	50	38 020 66	49	38 032 23	54	38 041 83	57	41 114 24 18	5	41 129 58 49	7
38 008 64	50	38 020 73	49	38 032 30	54	38 041 90	57	41 114 24 19	5	41 129 58 82	7
38 008 71	50	38 020 80	49	38 032 54	55	38 042 06	57	41 114 24 20	6	41 129 58 90	15
38 008 88	50	38 021 58	52	38 032 61	55	38 042 13	57	41 114 24 35	5	41 129 58 92	15
38 008 95	50	38 021 65	52	38 032 78	55	38 042 20	57	41 114 59 16	5	41 129 59 08	15
38 009 01	51	38 021 72	52	38 032 85	55	38 042 44	57	41 114 60 50	5	41 129 59 09	15
38 009 56	51	38 022 02	52	38 032 92	55	38 042 51	57	41 114 60 56	6	41 129 59 10	6
38 009 87	51	38 022 19	52	38 033 08	55	38 042 68	57	41 114 92 20	5	41 129 59 11	15
38 010 07	48	38 022 26	52	38 033 15	55	38 042 75	57	41 114 92 21	5	41 129 59 15	5
38 010 14	48	38 022 33	52	38 033 22	55	38 042 82	57	41 114 92 22	5	41 129 59 18	15
38 010 21	48	38 022 40	52	38 033 39	55	38 042 99	57	41 114 92 23	5	41 129 59 19	15
38 010 38	48	38 022 57	52	38 033 46	55	38 043 05	57	41 114 92 24	5	41 129 59 23	15
38 010 45	48	38 022 64	52	38 033 53	55	38 043 12	57	41 114 92 25	5	41 129 59 24	15
38 010 52	48	38 022 88	52	38 033 60	55	38 043 29	57	41 114 92 26	5	41 129 59 25	15
38 010 69	48	38 022 95	52	38 033 77	55	38 043 36	57	41 114 92 27	5	41 129 59 26	15
38 010 76	48	38 023 01	52	38 033 84	55	38 043 43	57	41 114 92 28	5	41 129 59 37	5
38 010 83	48	38 023 18	52	38 033 91	55	38 043 50	57	41 114 92 29	5	41 129 59 40	5
38 011 06	48	38 024 00	52	38 034 07	55	38 043 67	58	41 114 92 30	5	41 129 59 41	6
38 011 13	48	38 024 17	52	38 034 14	55	38 043 74	58	41 114 92 31	5	41 129 59 42	15
38 011 37	48	38 024 24	52	38 034 52	55	38 043 81	58	41 114 92 32	5	41 129 59 60	15
38 011 44	48	38 024 31	52	38 034 69	55	38 043 98	58	41 114 92 33	5	41 129 59 64	15
38 011 51	48	38 024 48	52	38 034 76	55	38 044 04	58	41 114 92 40	6	41 129 59 86	15
38 011 68	48	38 024 55	52	38 034 83	55	38 044 59	58	41 114 92 41	6	41 129 59 87	15
38 011 75	48	38 024 62	52	38 034 90	55	38 044 66	58	41 114 92 42	6	41 129 59 88	15
38 011 99	49	38 024 79	52	38 035 06	55	38 044 73	58	41 114 92 43	6	41 129 59 89	15
38 012 05	48	38 024 86	52	38 035 13	55	38 044 80	58	41 114 92 44	6	41 129 59 90	5
38 012 12	48	38 024 93	52	38 035 20	55	38 044 97	58	41 114 92 45	6	41 129 59 95	5
38 012 29	49	38 025 09	52	38 035 37	55	38 045 03	58	41 114 92 46	6	41 129 60 50	5
38 012 36	48	38 026 08	53	38 035 44	55	38 045 10	58	41 114 92 47	6	41 129 60 55	5
38 012 43	48	38 026 15	53	38 035 51	55	38 045 27	58	41 114 92 48	6	41 129 60 59	15
38 012 50	48	38 026 22	53	38 035 68	55	38 045 34	58	41 114 92 49	6	41 129 60 78	15
38 012 67	48	38 026 39	53	38 035 75	55	38 045 41	58	41 114 92 50	6	41 129 60 89	5
38 012 74	48	38 026 46	53	38 035 82	55	38 045 58	58	41 114 92 51	6	41 129 60 97	14
38 012 81	48	38 026 53	53	38 035 99	55	38 045 65	58	41 114 92 52	6	41 129 61 20	5

Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.	Order No.	P.
41 129 68 01	14	42 120 00 00	40	42 481 18 15	41	42 609 52 12	64	42 714 36 51	34		
41 129 68 02	14	42 150 20 70	40	42 481 20 15	41	42 609 52 13	64	42 714 36 52	34		
41 129 69 10	6	42 150 30 80	40	42 501 01 50	45	42 640 00 00	24	42 714 36 72	34		
41 129 69 16	5	42 150 50 51	40	42 501 01 80	45	42 654 03 50	20	42 714 56 14	34		
41 129 69 22	5	42 150 61 63	40	42 501 02 00	45	42 654 03 80	20	42 714 56 17	34		
41 129 69 50	13	42 200 00 06	23	42 501 02 50	45	42 654 04 00	20	42 714 56 24	34		
41 129 69 61	10	42 200 00 23	22	42 501 03 00	45	42 654 04 80	20	42 714 56 25	34		
41 129 69 62	10	42 200 00 24	42	42 501 03 50	45	42 654 05 00	20	42 714 56 27	34		
41 129 69 63	11	42 200 00 25	42	42 501 04 00	45	42 654 05 70	20	42 714 56 51	34		
41 129 69 64	11	42 200 00 26	42	42 502 01 50	45	42 654 06 00	20	42 714 56 52	34		
41 129 69 65	10	42 200 00 27	42	42 502 01 80	45	42 654 06 30	20	42 714 56 72	34		
41 129 69 68	11	42 200 20 70	40	42 502 02 00	45	42 654 07 50	20	42 714 58 22	36		
41 129 69 69	11	42 200 30 80	40	42 502 02 50	45	42 654 08 80	20	42 714 58 32	36		
41 129 69 74	10	42 200 45 10	43	42 502 03 00	45	42 654 10 00	20	42 714 86 51	34		
41 129 69 75	11	42 200 61 63	40	42 502 03 50	45	42 654 11 30	20	42 714 86 52	34		
41 129 69 99	11	42 204 00 01	23	42 502 04 00	45	42 654 11 80	20	42 714 86 72	34		
41 129 70 00	10	42 208 03 50	26	42 503 01 50	45	42 690 04 00	21	42 715 18 22	36		
41 129 70 10	10	42 208 03 80	26	42 503 01 80	45	42 690 04 80	21	42 715 18 32	36		
41 129 70 11	10	42 208 04 00	26	42 503 02 00	45	42 690 05 00	21	42 723 04 00	21		
41 129 80 07	7	42 208 04 80	26	42 503 02 50	45	42 690 05 70	21	42 723 04 80	21		
41 129 80 08	7	42 208 05 00	26	42 503 03 00	45	42 690 06 00	21	42 723 05 00	21		
41 129 80 20	15	42 208 05 70	26	42 503 03 50	45	42 690 07 50	21	42 723 05 70	21		
41 129 80 21	15	42 208 06 00	26	42 503 04 00	45	42 690 08 80	21	42 723 06 00	21		
41 129 80 22	15	42 208 06 30	26	42 504 01 50	45	42 690 11 30	21	42 723 08 80	21		
41 129 80 23	15	42 208 07 50	26	42 504 01 80	45	42 690 12 00	21	42 723 11 30	21		
41 129 80 24	15	42 208 08 30	26	42 504 02 00	45	42 699 04 00	21	42 723 12 00	21		
41 129 80 25	15	42 208 08 80	26	42 504 02 50	45	42 699 04 80	21	42 733 06 30	20		
41 129 80 26	15	42 208 11 30	26	42 504 03 00	45	42 699 05 00	21	42 733 11 30	20		
41 129 80 27	15	42 208 12 00	26	42 505 01 50	45	42 699 30 00	21	42 754 27 90	34		
41 129 80 28	15	42 208 12 70	26	42 505 02 00	45	42 701 20 00	62	42 754 27 91	34		
41 129 80 29	15	42 208 14 00	26	42 505 02 50	45	42 701 20 10	62	42 754 27 92	34		
41 129 80 30	15	42 208 15 00	26	42 505 03 00	45	42 701 20 20	62	42 754 27 93	34		
41 129 80 31	15	42 208 30 00	26	42 505 03 50	45	42 701 20 30	62	42 754 37 90	35		
41 129 80 32	15	42 268 03 80	20	42 505 04 00	45	42 701 20 40	62	42 754 37 91	35		
41 129 80 33	15	42 268 04 00	20	42 507 01 00	45	42 701 20 50	62	42 754 37 92	35		
41 130 58 27	14	42 268 04 80	20	42 507 01 20	45	42 701 20 60	62	42 754 57 90	34		
41 130 58 28	14	42 268 05 00	20	42 507 01 50	45	42 701 20 70	62	42 754 57 91	34		
41 130 58 29	14	42 268 05 70	20	42 507 01 80	45	42 704 18 22	36	42 754 57 92	34		
42 050 10 10	24	42 268 06 30	20	42 507 02 00	45	42 704 18 32	36	42 754 57 93	34		
42 050 10 11	14/24	42 268 08 80	20	42 507 02 50	45	42 704 18 42	36	42 754 87 90	35		
42 050 51 51	39	42 268 10 00	20	42 508 01 20	45	42 704 18 52	36	42 754 87 91	35		
42 050 61 63	39	42 268 11 30	20	42 508 01 50	26/45	42 704 18 62	36	42 754 87 92	35		
42 101 13 22	38	42 269 03 80	20	42 508 01 80	45	42 704 25 51	33	42 774 07 32	35		
42 101 13 32	38	42 269 04 00	20	42 509 11 01	65	42 704 25 52	33	42 774 07 33	35		
42 101 13 42	38	42 269 05 00	20	42 509 11 21	65	42 704 26 14	33	42 774 17 21	35		
42 101 13 52	38	42 269 06 30	20	42 509 21 21	65	42 704 26 17	33	42 774 17 22	35		
42 101 13 62	38	42 269 10 00	20	42 509 21 51	65	42 704 26 24	33	42 774 27 31	35		
42 101 22 21	37	42 269 12 70	20	42 509 31 01	65	42 704 26 25	33	42 774 27 32	35		
42 101 22 22	37	42 269 15 00	20	42 509 31 21	65	42 704 26 26	33	42 774 27 33	35		
42 101 22 31	37	42 280 00 00	41	42 509 31 81	65	42 704 26 27	33	42 774 37 21	35		
42 101 22 32	37	42 280 00 10	41	42 510 01 50	24	42 704 26 34	33	42 774 37 22	35		
42 101 71 12	60	42 280 20 00	41	42 510 11 50	24	42 704 26 35	33	42 774 37 32	35		
42 101 71 30	60	42 280 50 00	41	42 511 06 00	13	42 704 26 36	33	42 774 37 33	35		
42 101 71 60	60	42 480 10 60	40	42 513 01 50	26	42 704 56 14	33	42 774 37 34	35		
42 101 72 12	60	42 480 10 70	40	42 516 01 50	26	42 704 56 17	33	42 774 57 21	35		
42 101 72 30	60	42 480 11 10	40	42 600 52 11	64	42 704 56 24	33	42 774 57 22	35		
42 101 72 60	60	42 480 11 20	40	42 600 52 12	64	42 704 56 25	33	42 774 57 31	35		
42 101 73 12	60	42 480 11 30	40	42 600 52 13	64	42 704 56 26	33	42 774 57 32	35		
42 101 73 30	60	42 480 11 50	40	42 605 52 11	64	42 704 56 27	33	42 774 57 33	35		
42 101 73 60	60	42 480 11 80	40	42 605 52 12	64	42 704 56 34	33	42 774 87 21	35		
42 101 82 30	61	42 480 21 10	41	42 605 52 13	64	42 704 56 35	33	42 774 87 22	35		
42 101 83 30	61	42 480 21 20	41	42 606 52 11	64	42 704 56 36	33	44 121 02 02	12		
42 101 84 30	61	42 480 21 30	41	42 606 52 12	64	42 704 58 29	36	44 121 02 03	7		
42 101 85 30	61	42 480 21 50	41	42 606 52 13	64	42 704 58 32	36	46 400 10 26	13		
42 101 86 30	61	42 480 21 80	41	42 606 52 21	65	42 704 58 42	36	46 430 00 12	13		
42 101 87 30	61	42 480 30 60	41	42 606 52 22	65	42 704 58 52	36				
42 101 88 30	61	42 480 30 70	41	42 606 52 23	65	42 704 58 62	36				
42 101 89 30	61	42 480 41 10	41	42 606 54 11	64	42 707 18 22	36				
42 104 13 22	38	42 480 41 20	41	42 606 54 12	64	42 707 18 32	36				
42 104 13 32	38	42 480 41 30	41	42 606 54 13	64	42 707 18 42	36				
42 104 13 42	38	42 480 41 50	41	42 607 41 21	65	42 707 18 52	36				
42 104 13 52	38	42 480 41 80	41	42 607 41 22	65	42 707 18 62	36				
42 104 13 62	38	42 480 51 60	41	42 607 41 23	65	42 707 58 22	36				
42 104 22 21	37	42 480 51 70	41	42 608 52 11	64	42 707 58 32	36				
42 104 22 22	37	42 480 60 60	41	42 608 52 12	64	4270 758 42	36				
42 104 22 31	37	42 480 60 70	41	42 608 52 13	64	42 707 58 52	36				
42 104 22 32	37	42 480 61 10	41	42 608 52 21	65	42 707 58 62	36				
42 104 71 12	60	42 480 61 20	41	42 608 52 22	65	42 714 07 34	35				
42 104 71 30	60	42 480 61 30	41	42 608 52 23	65	42 714 26 14	34				
42 104 71 60	60	42 480 61 50	41	42 608 54 11	64	42 714 26 17	34				
42 104 72 12	60	42 480 61 80	41	42 608 54 12	64	42 714 26 24	34				
42 104 72 30	60	42 480 86 50	39	42 608 54 13	64	42 714 26 25	34				
42 104 72 60	60	42 480 86 60	39	42 608 54 21	65	42 714 26 27	34				
42 104 73 12	60	42 480 90 00	24	42 608 54 22	65	42 714 26 51	34				
42 104 73 30	60	42 481 15 15	41	42 608 54 23	65	42 714 26 52	34				
42 104 73 60	60	42 481 17 15	41	42 609 52 11	64	42 714 26 72	34				

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 in cured 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.

02. November 2020

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 of 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.

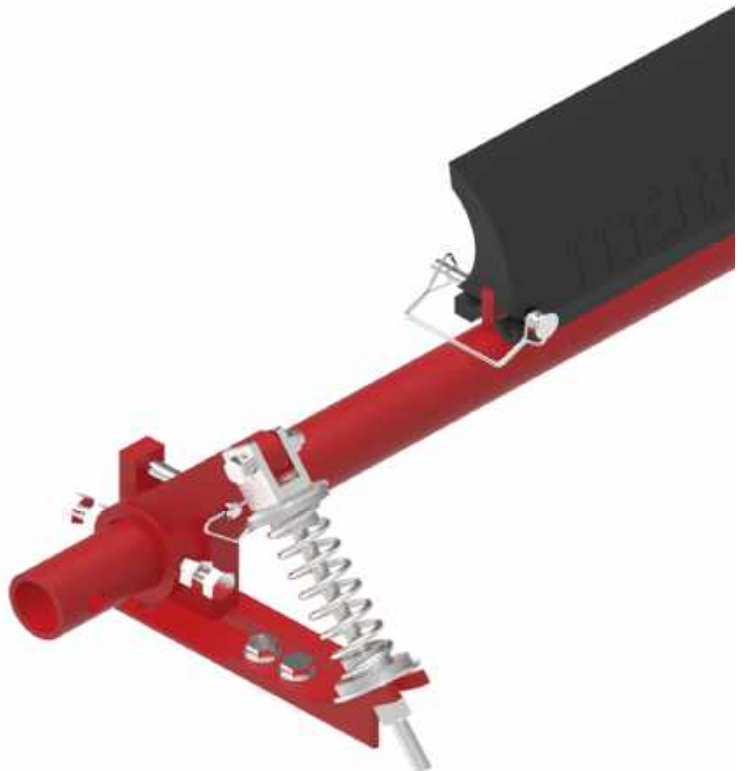
X. Court of jurisdiction

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
63165 Mühlheim
Germany

More High Quality Products for Belt Maintenance from MATO:

- Belt Lacing >750 kN/m
- Belt Cleaner

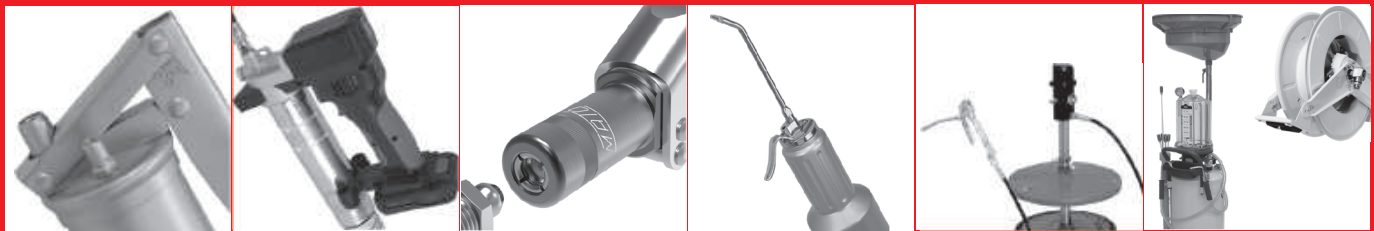




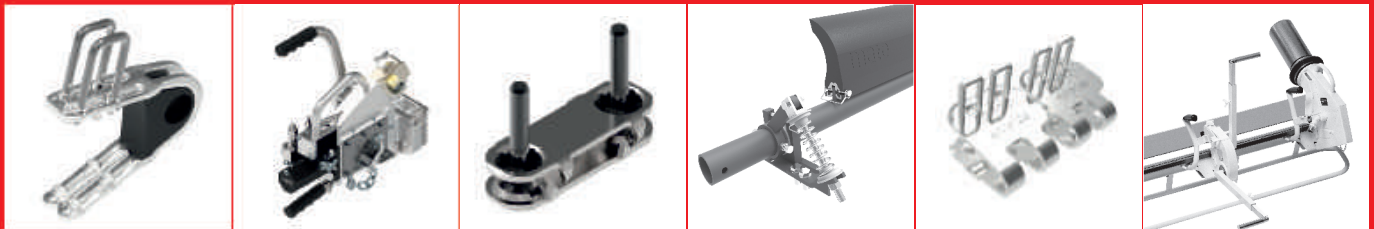
mato

MATO Product Divisions:

Lubrication Equipment - Fluid Handling Products



Belt Maintenance Systems - Products for Conveyor Belts



Global expertise in Belt Maintenance Products

Valid from: 01.04.2022

mato



MATO GmbH & Co KG
Benzstr. 16-24
63165 Mühlheim a.M.
Germany
Tel.: +49 (0) 6108 - 906-0
Fax: +49 (0) 6108 - 906-120
www.mato.de
beltlacing@mato.de



MATO Industries Ltd.
Unit 1 Philips Road
Whitebirk Ind. Estate
Blackburn, Lancashire
Bb1 5PG United Kingdom
Tel.: +44 (0) 1254 - 387638
Fax: +44 (0) 1254 - 238023
info@mato.co.uk



MATO Corporation
201 Resource Drive
Beckley, WV 25801
West Virginia USA
Tel.: +1- 304 - 255 1280
Fax: +1- 304 - 255 2501
info@mato-usa.com



MATO Australia Pty Ltd.
39 Bonville Avenue
Thornton, NSW 2322
Australia
Tel.: +61 1300-850 795
Fax: +61 2 4936-1388
maus@mato.com.au



MATO France S.A.R.L.
Zone Artisanale du Grunhof
2 Rue du Grunhof
57890 Porcellette, France
Tel.: +33 -(0) 3 - 87821215
Fax: +33 - (0) 3 -87297213
mato.france@mato.de



MATO Iberica, S.L.
Pol. Industrial Mora Garay
Calle Marie Curie, parc. 36/38
E-33211 Gijón, Spain
Tel.: +34 (0) 985 - 328900 / 328211
Fax: +34 (0) 985 - 322647
matoiberica@matoiberica.es



MATO Products Pty Ltd.
P.O. Box 224
Kempton Park 1620
28 Forge Road Spartan
South Africa
Tel.: +27 (0) 11-928 4163
Fax: +27 (0) 11-923 6071
matosales@multotec.co.za



**MATO Industrial Technology
(Qufu) Co., Ltd.**
West End of Changchun Road,
Development Zone of Qufu City
273100 Qufu City, Shandong
China, PRC
Tel: +86-537-4533799
Fax: +86-537-4533299
info@mato.com.cn



MATO Sib
Uliza Telefonnaja 15
Kemerovo
652523 Leninsk-Kusnezkiy
Russian Federation
Tel.: +7 (0) 38456 35166
Fax: +7 (0) 38456 35166
mato-sib@yandex.ru



MATO Sales Rep.Latinoamérica
Cra.41a N°22 Sur 87
Envigado,
Colombia
Tel.: +57 317 3620751
csouto@mato-latam.com



MATO Suisse AG
Industriestrasse 53
CH-6034 Inwil
Switzerland
Tel.: +41 (0) 41 - 4490990
Fax: +41 (0) 41 - 4490992
info@mato.ch



MATO Uglemechanisatija
Str. Krymskogo 27A
03142 Kiev
Ukraine
Tel.: +38 (0) 504759258
ygm1@mail.ru



MATO Kasachstan
Erzhanov Street 18
100009 Karaganda
Republic Kasachstan
Tel.: +7- (0) 7 212 910 063
Fax: +7- (0) 7 212 910 063
office@mato.kz



ISO 9001

Q
mato

PC-LD-E-090222