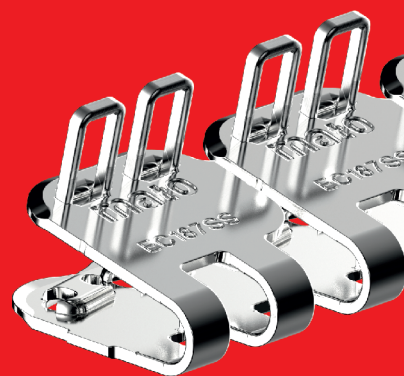


Belt Maintenance Equipment - Belt Lacing <750kN/m



**mato** Catalogue 2019-LD

# mato



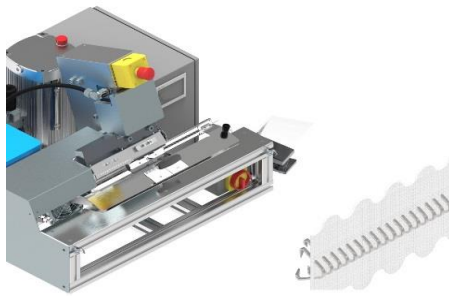
MATO GmbH & Co KG, Main Production Facility and Administration Headquarters, Mühlheim a.M., Deutschland

# Table of Contents

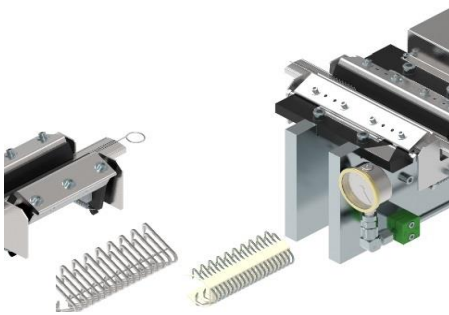
## Belt Lacing Systems for Light Tensile Conveyor Belts



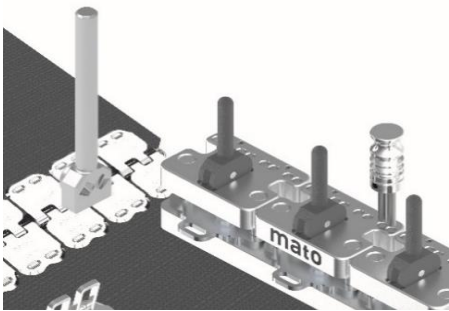
|                                                      |    |
|------------------------------------------------------|----|
| High Performance Plate Fasteners U24 and Accessories | 3  |
| High Performance Plate Fasteners H24 and Accessories | 8  |
| Accessories for Systems U24 / H24                    | 12 |
| Connecting Pins for Systems U24 / H24                | 14 |



|                                                                                    |    |
|------------------------------------------------------------------------------------|----|
| PATCH-Fastener Series M50-P and M60-P for laundries (cut to length)                | 17 |
| Low Profile Fastener Series M50, M60 (without PATCH) for laundries (cut to length) | 22 |
| Installation Tools and Accessories for PATCH-Fasteners                             | 28 |
| Accessories and Connecting Pins                                                    | 30 |



|                                                                             |    |
|-----------------------------------------------------------------------------|----|
| Low Profile Fastener Series M50, M60, M70                                   | 35 |
| Round Wire Fastener Series R70, R80, and R20, R30                           | 43 |
| Installation Tools and Accessories for Low Profile and Round Wire Fasteners | 47 |
| Connecting Pins for Low Profile and Round Wire Fasteners                    | 51 |



|                                                     |    |
|-----------------------------------------------------|----|
| Plate Fasteners EasyClyp                            | 54 |
| Accessories and Connecting Pins for System EasyClyp | 60 |
| Hammer Installed Fasteners D70, D80                 | 67 |
| Hammer Installed Fasteners S80                      | 69 |



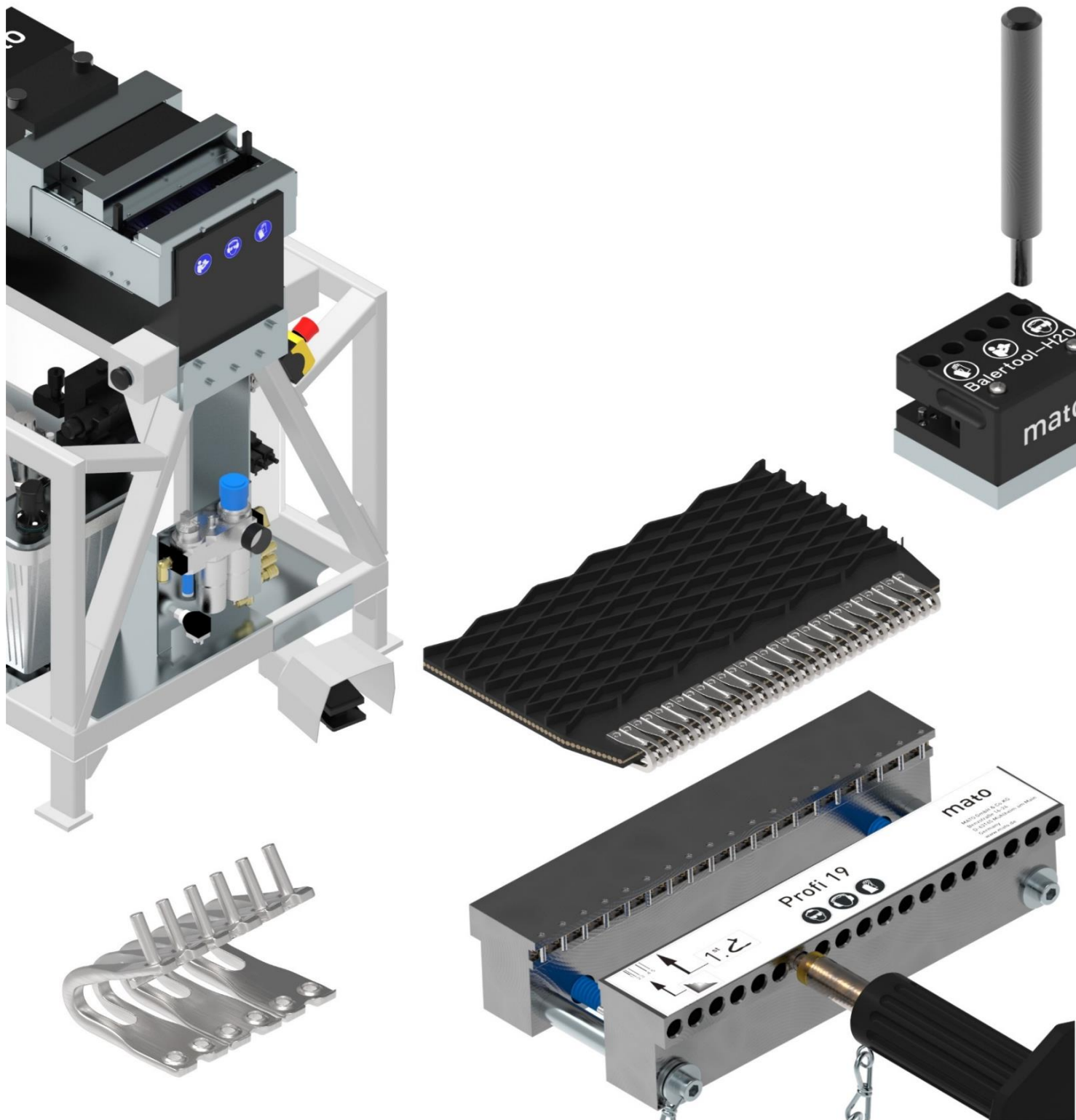
|                                        |    |
|----------------------------------------|----|
| Spiral Fasteners Y (Non-metallic)      | 71 |
| Connecting Pins for Spiral Fasteners Y | 72 |

1,2,3.. §... Abc.....§....

|                                                         |    |
|---------------------------------------------------------|----|
| Order Number Index, Terms & Conditions, General Remarks | 75 |
|---------------------------------------------------------|----|

Please note : Pictures may differ from original product.

# mato

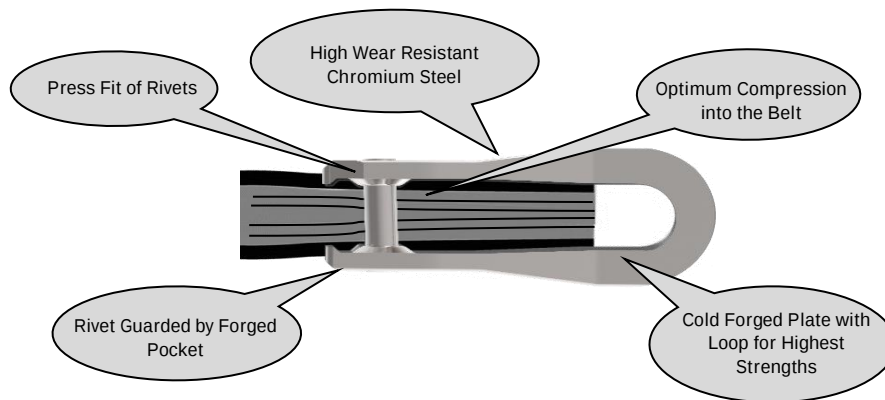


The High Performance Fasteners U24 and H24 have been developed for very high wear applications such as spliced belts used in Round Balers. They are proven to be the highest performing splice on the market due to high strength and long splice life and will perform equally well in other applications.

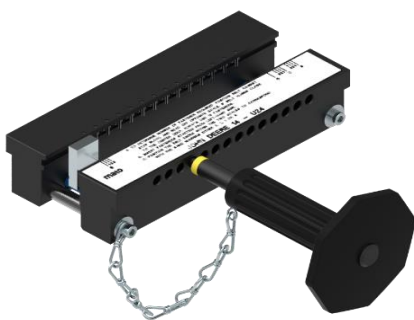
Note:

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



H24



**High Performance Fastener U24**  
(A Bench Vice and MATO U24 Vice Lacer are required)

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.

**High Performance Fastener H24**  
(A MATO 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.

### Selection Chart for Fasteners and Pins

| Belt Width min./max.(mm)                           | Strip Length of Fastener (mm)                                                     |                                                                                   |                                                                                   | Number of Fasteners per Strip                                                                                                              | Recommended Length of Connecting Pin (mm) |
|----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 155 - 165                                          | -                                                                                 | 132                                                                               | -                                                                                 | 12                                                                                                                                         | 142                                       |
| 177 - 187                                          | -                                                                                 | 154                                                                               | -                                                                                 | 14                                                                                                                                         | 165                                       |
| 188 - 198                                          | 165                                                                               | 165                                                                               | 165                                                                               | 15                                                                                                                                         | 175                                       |
| 210 - 220                                          | -                                                                                 | 187                                                                               | 187                                                                               | 17                                                                                                                                         | 197                                       |
| 221 - 231                                          | 198                                                                               | 198                                                                               | 198                                                                               | 18                                                                                                                                         | 208                                       |
| 276 - 286                                          | -                                                                                 | 253                                                                               | 253                                                                               | 23                                                                                                                                         | 265                                       |
| 298 - 308                                          | -                                                                                 | 275                                                                               | -                                                                                 | 25                                                                                                                                         | 286                                       |
| 353 - 363                                          | -                                                                                 | 330**                                                                             | -                                                                                 | 30                                                                                                                                         | 341                                       |
| Hammer Installed Fasteners for "Bench Vice Lacers" | U24AS                                                                             | U24BS                                                                             | U24CS                                                                             | <u>Example:</u><br>Belt Width = 190mm, High Performance Fastener H24 BS, Strip length 165 mm<br>15 Fasteners, Connecting Pin length 175 mm |                                           |
|                                                    |  |  |  |                                                                                                                                            |                                           |
| Hammerinstalled Fasteners without "Bench Vice"     | -                                                                                 | H24BS                                                                             | -                                                                                 |                                                                                                                                            |                                           |
|                                                    |                                                                                   |  |                                                                                   |                                                                                                                                            |                                           |
| Belt Strength (kN/m)                               | bis 520                                                                           |                                                                                   |                                                                                   |                                                                                                                                            |                                           |
| Min. Pulley Ø (mm)                                 | 75                                                                                |                                                                                   |                                                                                   |                                                                                                                                            |                                           |
| Belt Thickness (mm)                                | 4 - 5*                                                                            | 5 - 6*                                                                            | 6 - 7*                                                                            |                                                                                                                                            |                                           |

Other strip lengths available on request (minimum order 5 boxes)

#### Note :

The distance from the belt edge to the fastener at each end must be a minimum 10mm and the sum of the edge distances must not exceed 35mm.

Strips can easily be shortened to suit variation in belt width  
(Width each fastener = 11 mm)

\* Please contact us for advice if your belt thickness is outside the above range.

| Strip Length | Packing Unit | Belt Thickness | Order No. | kg |
|--------------|--------------|----------------|-----------|----|
|--------------|--------------|----------------|-----------|----|

### Belt Fastener U24AS, without Connecting Pin

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |       |              |              |     |
|--------|-------|--------------|--------------|-----|
| 165 mm | PU 12 | 4.0 - 5.0 mm | 41 114 24 05 | 0.9 |
| 198 mm | PU 10 | 4.0 - 5.0 mm | 41 114 24 13 | 0.9 |

### Belt Fastener U24BS, without Connecting Pin

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |       |              |              |     |
|--------|-------|--------------|--------------|-----|
| 132 mm | PU 12 | 5.0 - 6.0 mm | 41 114 24 14 | 0.7 |
| 154 mm | PU 12 | 5.0 - 6.0 mm | 41 114 23 99 | 0.9 |
| 165 mm | PU 12 | 5.0 - 6.0 mm | 41 114 24 01 | 0.9 |
| 187 mm | PU 10 | 5.0 - 6.0 mm | 41 129 59 37 | 0.9 |
| 198 mm | PU 10 | 5.0 - 6.0 mm | 41 114 24 15 | 0.9 |
| 253 mm | PU 8  | 5.0 - 6.0 mm | 41 129 59 15 | 0.9 |
| 275 mm | PU 8  | 5.0 - 6.0 mm | 41 114 24 16 | 1.0 |

### Belt Fastener U24CS, without Connecting Pin

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |       |              |              |     |
|--------|-------|--------------|--------------|-----|
| 165 mm | PU 12 | 6.0 - 7.0 mm | 41 114 24 06 | 0.9 |
| 187 mm | PU 10 | 6.0 - 7.0 mm | 41 129 61 20 | 0.9 |
| 198 mm | PU 10 | 6.0 - 7.0 mm | 41 114 59 16 | 0.9 |
| 253 mm | PU 8  | 6.0 - 7.0 mm | 41 129 69 22 | 0.9 |

### Belt Fastener U24AS, with Connecting Pin T1F (Dia. 3.0 mm)

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |        |              |              |     |
|--------|--------|--------------|--------------|-----|
| 165 mm | PU 12+ | 4.0 - 5.0 mm | 41 114 24 02 | 1.0 |
| 198 mm | PU 10+ | 4.0 - 5.0 mm | 41 114 24 12 | 1.0 |

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

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |        |              |              |     |
|--------|--------|--------------|--------------|-----|
| 132 mm | PU 12+ | 5.0 - 6.0 mm | 41 114 24 09 | 0.8 |
| 154 mm | PU 12+ | 5.0 - 6.0 mm | 41 114 23 98 | 1.0 |
| 165 mm | PU 12+ | 5.0 - 6.0 mm | 41 114 24 00 | 1.0 |
| 187 mm | PU 10+ | 5.0 - 6.0 mm | 41 129 60 55 | 0.9 |
| 198 mm | PU 10+ | 5.0 - 6.0 mm | 41 114 24 07 | 1.0 |
| 253 mm | PU 8+  | 5.0 - 6.0 mm | 41 114 24 18 | 1.0 |
| 275 mm | PU 8+  | 5.0 - 6.0 mm | 41 114 24 19 | 1.1 |

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

Belt Strength up to 450kN/m Minimum Pulley Diameter 75 mm

|        |        |              |              |     |
|--------|--------|--------------|--------------|-----|
| 165 mm | PU 12+ | 6.0 - 7.0 mm | 41 114 24 03 | 1.0 |
| 187 mm | PU 10+ | 6.0 - 7.0 mm | 41 114 60 56 | 0.9 |
| 198 mm | PU 10+ | 6.0 - 7.0 mm | 41 129 59 10 | 1.0 |
| 253 mm | PU 8+  | 6.0 - 7.0 mm | 41 129 69 10 | 1.0 |



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.



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.

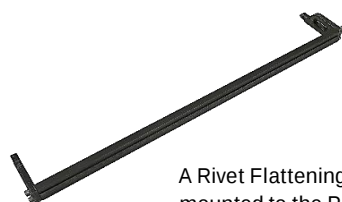
See pages 6 - 7 for Accessories and pages 14 - 15 for additional Connecting Pins.

| Description                                                                                  | Width  | Order No.    | kg  |                                                                                                                |
|----------------------------------------------------------------------------------------------|--------|--------------|-----|----------------------------------------------------------------------------------------------------------------|
| <b>U24 Vice Lacer Profi</b>                                                                  |        |              |     |                                                                                                                |
| Profi 5-55<br>incl. Punch                                                                    | 55 mm  | 41 129 58 82 | 2.9 |  <p>Vice Lacer Profi 19</p> |
| Profi 19-209<br>incl. Punch and prepared<br>for mounting an optional<br>Rivet Flattening Bar | 209 mm | 41 129 58 17 | 5.6 |                                                                                                                |
| Profi 25-275<br>incl. Punch and prepared<br>for mounting an optional<br>Rivet Flattening Bar | 275 mm | 41 129 58 49 | 5.6 |                                                                                                                |

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.

### Accessories for Vice Lacer

|                                            |  |              |     |
|--------------------------------------------|--|--------------|-----|
| Rivet Flattening Bar 19 RS<br>for Profi 19 |  | 41 129 80 08 | 0.3 |
| Rivet Flattening Bar 25 RS<br>for Profi 25 |  | 41 129 80 07 | 0.7 |



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.

### Hydraulic Installation Units U24 / pneumatic Drive

|                                               |        |              |      |
|-----------------------------------------------|--------|--------------|------|
| POWER-VICE 25-275<br>(Hydraulic Installation) | 275 mm | 41 129 58 18 | 50.0 |
|-----------------------------------------------|--------|--------------|------|



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).

For processing bigger quantities, we can offer hydraulic lacers (HEM) as well.

# Accessories for System U24

Vice Lacer Kit in a Box

| Description | Order No. | kg |
|-------------|-----------|----|
|-------------|-----------|----|

## U24 Belt Lacing Kit

Profi Belt Lacing Kit U24

41 129 58 26

10.0



Profi Belt Lacing Kit consists of:

- Vice Lacer Profi 19
- Belt Skiver 18
- Pneumatic Hammer with Punch
- Plastic Case

## More Accessories U24

Punch U24  
(Spare)

411295825

0.4

Belt Skiver 18  
Skiving Width 18 mm,  
with double sided blade

41 129 58 27

1.0

Spare Blade GH18  
for Belt Skiver 18 (PU5)  
with double sided blade

41 129 58 28

0.03



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.

Hammer 05  
(500g, for U24 Splices)

44 121 02 03

0.6



# High Performance Fasteners H24

Hammer Installed Plate Fasteners for Hammer Tools (Installation without Vice)

| Strip Length                                       | Packing Unit | Belt Thickness | Order No.                     | kg  |
|----------------------------------------------------|--------------|----------------|-------------------------------|-----|
| <b>Belt Fastener H24BS, without Connecting Pin</b> |              |                |                               |     |
| Belt Strength up to 450kN/m                        |              |                | Minimum Pulley Diameter 75 mm |     |
| 154 mm                                             | PU 12        | 5.0 - 6.0 mm   | 41 115 23 99                  | 0.9 |
| 165 mm                                             | PU 12        | 5.0 - 6.0 mm   | 41 115 24 01                  | 0.9 |
| 187 mm                                             | PU 10        | 5.0 - 6.0 mm   | 41 115 24 06                  | 0.9 |
| 198 mm                                             | PU 10        | 5.0 - 6.0 mm   | 41 115 24 07                  | 0.9 |
| 253 mm                                             | PU 8         | 5.0 - 6.0 mm   | 41 115 24 08                  | 0.9 |
| 275 mm                                             | PU 8         | 5.0 - 6.0 mm   | 41 115 24 09                  | 1.0 |
| 330 mm                                             | PU 6         | 5.0 - 6.0 mm   | 41 115 24 02                  | 0.9 |



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.

|                                                                   |        |              |                               |     |
|-------------------------------------------------------------------|--------|--------------|-------------------------------|-----|
| <b>Belt Fastener H24BS, with Connecting Pin T2F (Dia. 3.4 mm)</b> |        |              |                               |     |
| Belt Strength up to 450kN/m                                       |        |              | Minimum Pulley Diameter 75 mm |     |
| 154 mm                                                            | PU 12+ | 5.0 - 6.0 mm | 41 115 23 98                  | 1.0 |
| 165 mm                                                            | PU 12+ | 5.0 - 6.0 mm | 41 115 24 00                  | 1.0 |
| 187 mm                                                            | PU 10+ | 5.0 - 6.0 mm | 41 115 24 12                  | 0.9 |
| 198 mm                                                            | PU 10+ | 5.0 - 6.0 mm | 41 115 24 10                  | 1.0 |
| 253 mm                                                            | PU 8+  | 5.0 - 6.0 mm | 41 115 24 11                  | 1.0 |
| 275 mm                                                            | PU 8+  | 5.0 - 6.0 mm | 41 115 25 15                  | 1.1 |
| 330 mm                                                            | PU 6+  | 5.0 - 6.0 mm | 41 115 24 03                  | 1.0 |



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.

See pages 9 - 11 for Accessories and pages 14 - 15 for additional Connecting Pins.

# Accessories for System H24

Profi Installation Units (Installation without Vice)

| Description                                | Working Width | Order No. | kg |
|--------------------------------------------|---------------|-----------|----|
| H24 Profi Installation Units + Accessories |               |           |    |

|               |         |              |      |
|---------------|---------|--------------|------|
| Profi 15-180  | 180 mm  | 41 129 69 61 | 4.2  |
| Profi 15-350  | 350 mm  | 41 129 69 62 | 6.8  |
| Profi 15-500  | 500 mm  | 41 129 69 65 | 9.6  |
| Profi 30-1000 | 1000 mm | 41 129 70 10 | 17.5 |

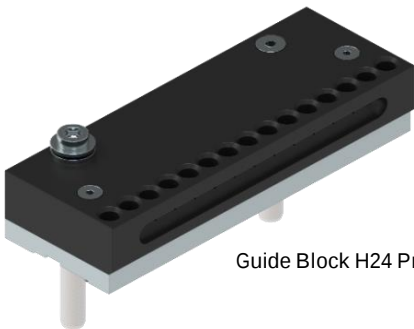
Installation Unit H24 Profi 15-180



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.

|                                                                         |              |     |
|-------------------------------------------------------------------------|--------------|-----|
| Guide Block H24 Profi 15<br>common to all 24 - Profi Installation Units | 41 129 70 00 | 1.1 |
|-------------------------------------------------------------------------|--------------|-----|

|                                                                                           |              |     |
|-------------------------------------------------------------------------------------------|--------------|-----|
| Guide Block H24 Profi 30<br>recommended only for H24 - Profi 30-1000<br>(without picture) | 41 129 70 11 | 2.2 |
|-------------------------------------------------------------------------------------------|--------------|-----|



Guide Block H24 Profi 15

|                            |              |     |
|----------------------------|--------------|-----|
| Punch H24 Profi<br>(Spare) | 41 129 69 74 | 0.4 |
|----------------------------|--------------|-----|



| Description | Width | Order No. | kg |
|-------------|-------|-----------|----|
|-------------|-------|-----------|----|

### Installation Units H24 ECO + Accessories

|            |        |              |     |
|------------|--------|--------------|-----|
| Eco 15-180 | 180 mm | 41 129 69 63 | 3.6 |
| Eco 15-350 | 350 mm | 41 129 69 64 | 6.2 |

H24 Installation Unit Eco 350



incl. Guide Block H24 Eco 15  
and Punch 24 Eco

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 fasteners.

|                                                     |  |              |     |
|-----------------------------------------------------|--|--------------|-----|
| Guide Block H24 Eco15<br>for Eco Installation Units |  | 41 129 69 99 | 0.3 |
|-----------------------------------------------------|--|--------------|-----|

|               |  |              |     |
|---------------|--|--------------|-----|
| Punch H24 Eco |  | 41 129 69 75 | 0.2 |
|---------------|--|--------------|-----|



Guide Block



### H24 Belt Lacing Set

|                        |        |              |      |
|------------------------|--------|--------------|------|
| Profi 15-180 Basis Set | 180 mm | 41 129 69 68 | 8.3  |
| Profi 15-350 Basis Set | 350 mm | 41 129 69 69 | 11.3 |



Profi 180 or 350 Basis Set  
consists of :  
- Profi Installation Unit 180 or 350  
- Belt Skiver 18  
- Hammer 300g  
- Plastic Case

| Description                           | Working Width | Order No. | kg |
|---------------------------------------|---------------|-----------|----|
| Installation Units H24 BALERTOOL 5-55 |               |           |    |

|                |           |     |
|----------------|-----------|-----|
| BALERTOOL 5-55 | 38 001 23 | 0.5 |
|----------------|-----------|-----|



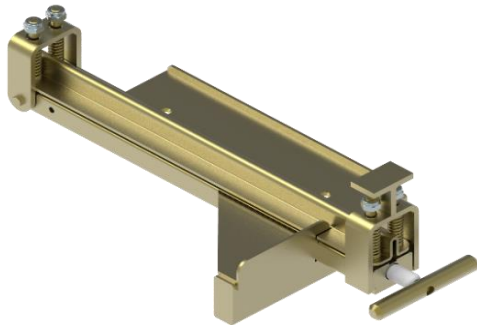
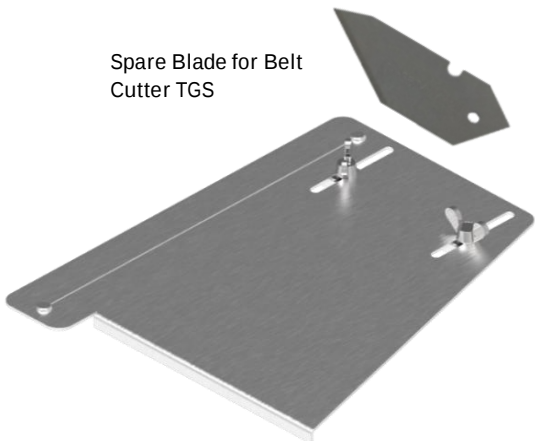
The Balertool is a small convenient hammer tool for the installation of H24 fasteners. To be used on a work bench or any flat solid base. It might be also used directly on site. The tool life might be more limited compared with Eco and Profi installation units .

**Eco-Belt Lacing Set H24BS, with Connecting Pin T2F**  
 Belt Strength up to 520kN/m Minimum Pulley Diameter 75mm

|        |       |              |           |
|--------|-------|--------------|-----------|
| 154 mm | PU 4+ | 5,0 - 6,0 mm | 38 001 54 |
| 165 mm | PU 4+ | 5,0 - 6,0 mm | 38 001 30 |
| 187 mm | PU 4+ | 5,0 - 6,0 mm | 38 001 47 |
| 198 mm | PU 4+ | 5,0 - 6,0 mm | 38 001 61 |



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

| Description                                                                                                | Order No.    | kg   |                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pneumatic Hammer</b>                                                                                    |              |      |                                                                                                                                                     |
| Pneumatic Hammer Profi<br>including Punch L U24/H24<br>for use with U24/H24 Systems<br>(see pages 6 and 9) | 41 129 58 06 | 2.1  |                                                                   |
| Punch L U24/H24<br>for Pneumatic Hammer Profi<br>including replaceable spacer ring                         | 41 129 58 07 | 0.1  |                                                                                                                                                     |
|                                                                                                            |              |      | The Punch is equipped with a spacer ring.<br>This way, the Punch can be used for system U24 (Vice Lacer Profi, page 6) as well as for system H24    |
| <b>Belt Cutter and More Accessories</b>                                                                    |              |      |                                                                                                                                                     |
| Belt Cutter TGS 300<br>(for belt widths up to 300 mm)                                                      | 46 430 00 12 | 5.6  |                                                                  |
| Belt Cutter TGS 600<br>(for belt widths up to 600 mm)<br>(no image)                                        | 42 511 06 00 | 9.2  |                                                                                                                                                     |
|                                                                                                            |              |      | 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 |
| Spare Blade<br>for portable Belt Cutter TGS<br>(PU 5)                                                      | 46 400 10 26 | 0.1  |                                                                 |
| Squaring Template BB<br>(for belt widths 175mm-230mm)                                                      | 41 129 69 50 | 0.3  |                                                                                                                                                     |
|                                                                                                            |              |      | The aluminum template can be used at belt width from 175 to 230. A slot will guide the belt knife when cutting the belt square.                     |
| Belt Knife<br>(includes 5 spare blades)                                                                    | 42 123 00 00 | 0.1  |                                                                |
| Spare Blade (PU 1)<br>for Belt Knife                                                                       | 44 123 00 10 | 0.02 |                                                                                                                                                     |

# Accessories

for High Performance Fasteners U24 / H24

| Description                                                                       | Order No.    | kg   |                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------|--------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Edge Chamfer Tool 25                                                         | 41 129 60 97 | 0.4  |  <p>The Chamfer Tool accurately notches the corners of the belt using guide lines.</p>                                               |
| Spare Blade<br>for Chamfer Tool 25 (PU 10)                                        | 42 050 10 11 | 0.1  |                                                                                                                                                                                                                        |
| Belt Skiver 18<br>Skiving Width 18 mm<br>Double sided Bblade                      | 41 129 58 27 | 1.0  |  <p>Belt Skiver 18</p>                                                                                                              |
| Spare Blade GH18<br>Double sided Blade<br>for Belt Skiver 18 (PU 5)               | 41 129 58 28 | 0.03 |                                                                                                                                                                                                                        |
| Belt Skiver 18R<br>Skiving Width 18 mm<br>Single sided reinforced Blade           | 41 130 58 27 | 1.0  |                                                                                                                                                                                                                        |
| Spare Blade GH18R<br>for Belt Skiver 18 R (PU 1)<br>Single sided reinforced Blade | 41 130 58 28 | 0.03 |                                                                                                                                                                                                                        |
| Belt Skiver 25R<br>Skiving Width 25 mm<br>Single sided reinforced Blade           | 41 129 68 01 | 0.8  | <p>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.</p> |
| Spare Blade GH25R<br>for Belt Skiver 25 (PU 1)                                    | 41 129 68 02 | 0.03 |                                                                                                                                                                                                                        |
| Hammer 05<br>(500g, for installation of<br>U24 Fasteners)                         | 44 121 02 03 | 0.6  |                                                                                                                                    |
| Hammer 03<br>(300g, for installation of<br>H24 Fasteners)                         | 44 121 02 02 | 0.4  |                                                                                                                                                                                                                        |
| Belt Marker                                                                       | 46 000 07 60 | 0.03 |                                                                                                                                                                                                                        |
|                                                                                   |              |      |  <p>Belt Marker durably marks conveyor belts. Marking depth approx. 0.8 mm, width approx. 2.0 mm</p>                              |

# Selection Chart for Connecting Pins

for High Performance Plate Fasteners U24 / H24

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.

| Installation System            | Fastener size / -type                                                             |                                                                                   |                                                                                   | Belt Width   | Fastener Strip Length | Connecting Pin Length |
|--------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-----------------------|-----------------------|
|                                | U24AS                                                                             | U24BS                                                                             | U24CS                                                                             | 155 - 165 mm | 132 mm                | 142 mm                |
| Installation with Vice Lacer   |  |  |  | 177 - 187 mm | 154 mm                | 165 mm                |
|                                | H24BS                                                                             |                                                                                   |                                                                                   | 188 - 198 mm | 165 mm                | 175 mm                |
|                                |  |                                                                                   |                                                                                   | 210 - 220 mm | 187 mm                | 197 mm                |
| Installation with Hammer Lacer | K1                                                                                |                                                                                   |                                                                                   | 221 - 231 mm | 198 mm                | 208 mm                |
|                                | K2                                                                                |                                                                                   |                                                                                   | 276 - 286 mm | 253 mm                | 265 mm                |
|                                | O1K                                                                               |                                                                                   |                                                                                   | 298 - 308 mm | 275 mm                | 286 mm                |
| Connecting Pins                | O2K                                                                               |                                                                                   |                                                                                   | 353 - 363 mm | 330 mm                | 341 mm                |
|                                | T1F                                                                               |                                                                                   |                                                                                   |              |                       |                       |
|                                | T2F                                                                               |                                                                                   |                                                                                   |              |                       |                       |

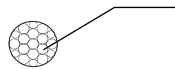
Other lengths upon request

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

poor ○○○○○

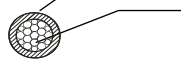
excellent ●●●●●

K1 / K2



High Tensile Galvanized Steel Cable

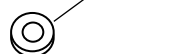
O1K / O2K



Wrap : Special Steel

Core : Stainless Chromium-Nickel Cable

T1F / T2F



Notched Spring Steel

## Connecting Pins

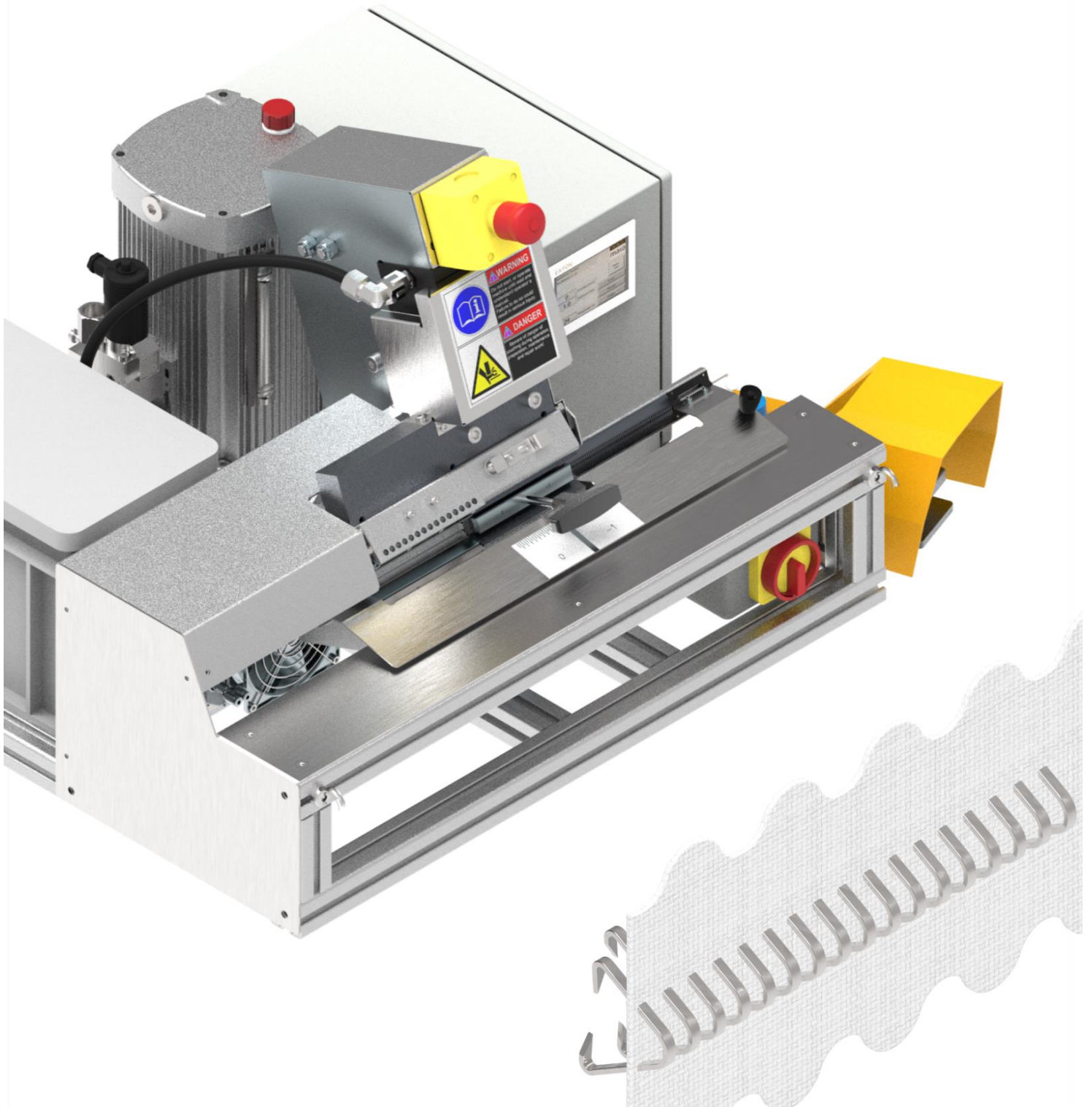
for High Performance Fasteners U24 / H24

| Description                                               | Min. Dia. | PU / Length | Order No.    | kg  |                                                                                                                                                                                                          |
|-----------------------------------------------------------|-----------|-------------|--------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Connecting Pin T..F</b><br><b>Notched Spring Steel</b> |           |             |              |     |                                                                                                                                                                                                          |
| T1F                                                       | 3.0 mm    | 6x 175 mm   | 41 129 59 60 | 0.1 |                                                                                                                        |
| T1F                                                       | 3.0 mm    | 5x 208 mm   | 41 129 59 64 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 6x 142 mm   | 41 129 58 90 | 0.1 | <p>Material:<br/>Notched Spring Steel</p> <p>Low wear, long life time especially with conveyor belts for round balers.</p> <p>PU<br/>e. g. 6 x 165 mm<br/>Box content: 6 Connecting Pins 165 mm long</p> |
| T2F                                                       | 3.4 mm    | 6x 165 mm   | 41 129 58 92 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 6x 175 mm   | 41 129 58 08 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 5x 197 mm   | 41 129 59 09 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 5x 208 mm   | 41 129 58 16 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 4x 265 mm   | 41 129 59 11 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 4x 286 mm   | 41 129 59 18 | 0.1 |                                                                                                                                                                                                          |
| T2F                                                       | 3.4 mm    | 3x 341 mm   | 41 129 59 19 | 0.1 |                                                                                                                                                                                                          |

|                                                                                            |        |          |              |     |                                                                                                                                          |
|--------------------------------------------------------------------------------------------|--------|----------|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Connecting Pin O..K</b><br><b>High Tensile Stainless Chromium-Nickel Stranded Cable</b> |        |          |              |     |                                                                                                                                          |
| O1K                                                                                        | 3.0 mm | 10 Meter | 41 129 59 88 | 0.5 |                                                      |
| O1K                                                                                        | 3.0 mm | 30 Meter | 41 129 59 89 | 1.6 |                                                                                                                                          |
| O2K                                                                                        | 3.4 mm | 10 Meter | 41 129 59 23 | 0.7 | <p>Material<br/>Core: Stainless Chromium-Nickel Cable<br/>Wrap: Special Steel</p> <p>Coils are supplied in 10 meter / 30 meter coils</p> |
| O2K                                                                                        | 3.4 mm | 30 Meter | 41 129 59 24 | 2.0 |                                                                                                                                          |

|                                                                   |        |          |              |     |                                                                                                     |
|-------------------------------------------------------------------|--------|----------|--------------|-----|-----------------------------------------------------------------------------------------------------|
| <b>Connecting Pin K..</b><br><b>High Tensile Galvanized Cable</b> |        |          |              |     |                                                                                                     |
| K1                                                                | 3.0 mm | 10 Meter | 41 129 59 86 | 0.5 |                 |
| K1                                                                | 3.0 mm | 30 Meter | 41 129 59 87 | 1.4 |                                                                                                     |
| K2                                                                | 3.4 mm | 10 Meter | 41 129 59 25 | 0.5 | <p>Material :<br/>Galvanized Steel Cable</p> <p>Coils are supplied in 10 meter / 30 meter coils</p> |
| K2                                                                | 3.4 mm | 30 Meter | 41 129 59 26 | 1.6 |                                                                                                     |

# mato



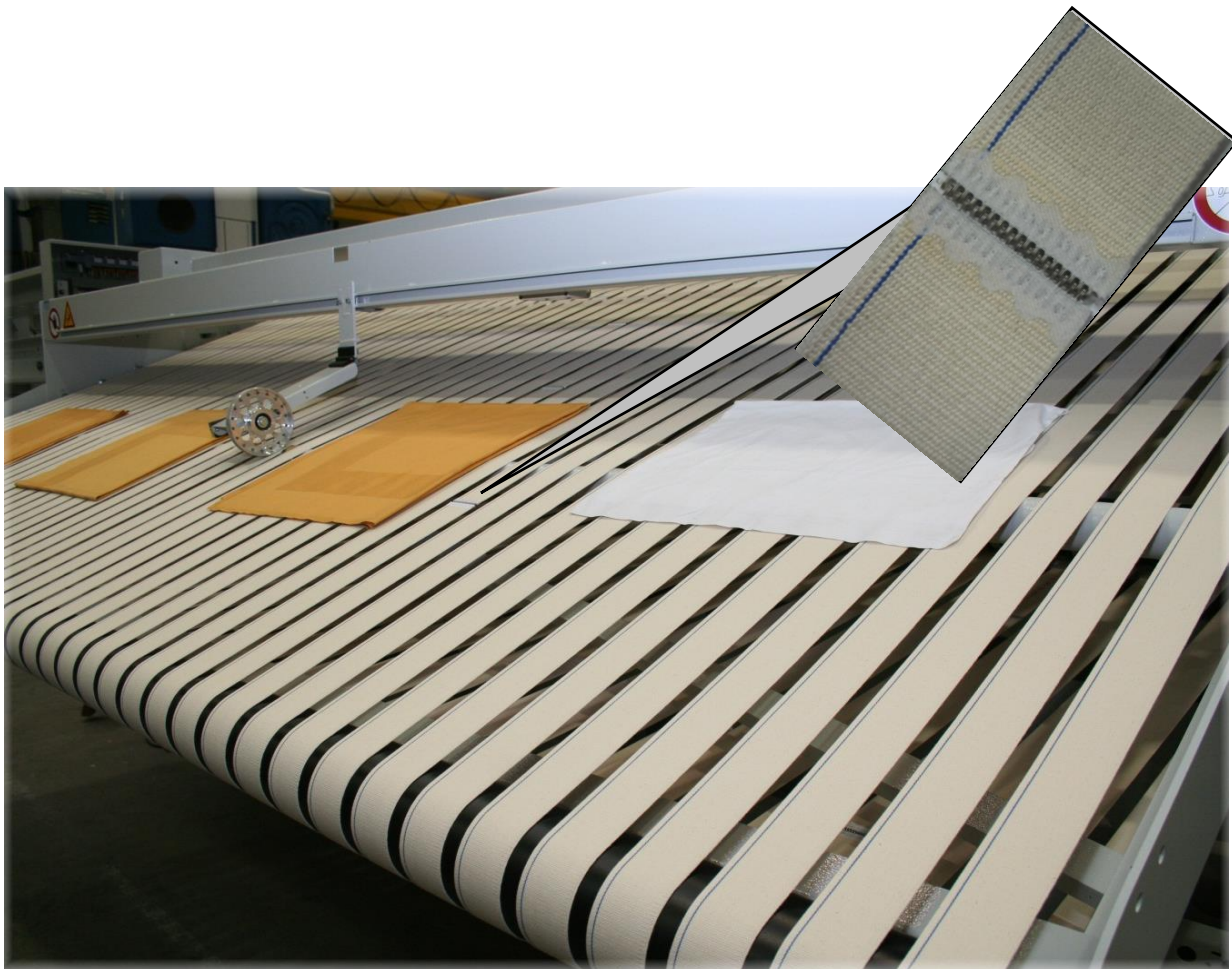
## Patch and Flat Wire Fasteners for the Laundry Industry

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 22-24.

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.

# Selection Chart

for Fastener Sizes of Systems M50, M60 (Laundry)

## What do you need?

Belt thickness  
Minimum pulley diameter  
Fastener pitch

## How do you proceed?

Selection Charts on pages 18 and 19

### 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

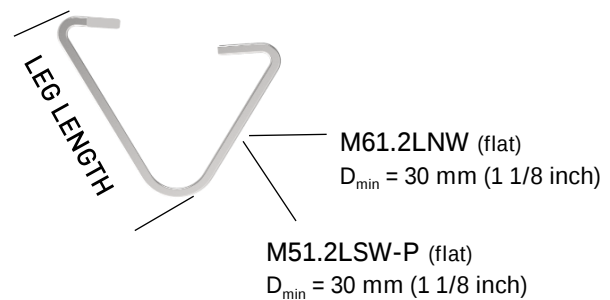
according to your requirements, please see selection chart below

### Selection of Connecting Pins

see pages 33

with textile patch or without textile patch

Definition with Examples:

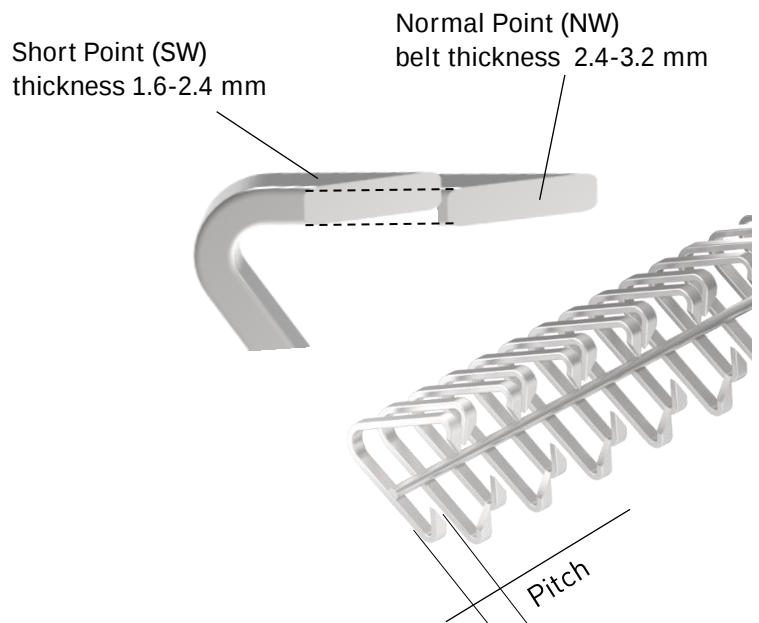


The leg length depends on the pulley diameter.

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                                               | Abbreviation | Magnetic | Abrasion Resistant | Chemical Resistant | Rust Resistant | Cover Protection | Systems        |
|--------------------------------------------------------|--------------|----------|--------------------|--------------------|----------------|------------------|----------------|
| Stainless Steel, AISI 430 (1.4016)                     | S            | yes      | ●●●●○              | ●●●○○              | ●●●○○          | no               | M60            |
| 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<br>M60-P |

poor ○○○○○      excellent ●●●●●

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

# Selection Chart

for Fastener Sizes Systems M50, M60 (with / without Textile Patch)

## Pitch 1,7mm

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

with Patch

without Patch

See pages 35 - 46 for different belt thickness and pitches or on request.

M 6 1.2 L S W -SS -P

Key to selection example:

-P With Patch , (only in Stainless Steel 316L /1.4404)

Material -SS Stainless Steel 316L (1.4404)  
-S Chromium Steel 430 (1.4016)

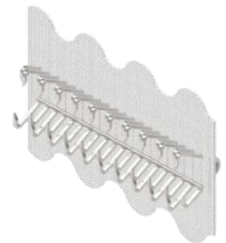
Point SW Short Point, Alternate Cut  
NW Normal Point, Alternate Cut  
LP Long Point

L Low Profile, or respectively flattened round wire

Min. Pulley Dia. 1 25 mm  
1.2 30 mm, elongated Leg  
2 50 mm  
3 Minimum Pulley Dia. 75 mm  
4 100 mm

Pitch 5 1.7 mm  
6 2.54 mm  
7 3.175 mm  
8 3.67 mm

M Flat Wire  
R Round Wire



Patch Fasteners welded on wire bar



Fasteners welded on wire bar

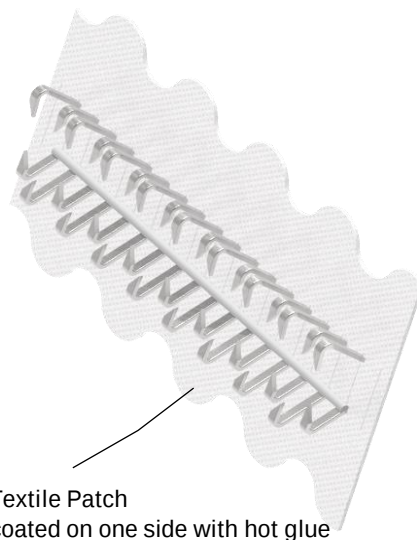
# PATCH Fasteners M51.2SW-SS-P

Pitch 1.7 mm / for Belt Thicknesses 1.6 - 2.4 mm

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

**Belt Fastener M51.2SW-SS-P (with Textile Patch)**  
Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 13-NYN

|        |         |    |              |     |
|--------|---------|----|--------------|-----|
| 20 mm  | 8 / 9   | 50 | 42 723 02 00 | 0.2 |
| 25 mm  | 12 / 13 | 50 | 42 723 02 50 | 0.2 |
| 30 mm  | 15 / 16 | 50 | 42 723 03 00 | 0.3 |
| 35 mm  | 17 / 18 | 50 | 42 723 03 50 | 0.3 |
| 38 mm  | 19 / 20 | 50 | 42 723 04 00 | 0.3 |
| 48 mm  | 24 / 25 | 50 | 42 723 04 80 | 0.4 |
| 50 mm  | 26 / 27 | 50 | 42 723 05 00 | 0.4 |
| 57 mm  | 30 / 31 | 50 | 42 723 05 70 | 0.5 |
| 60 mm  | 32 / 33 | 50 | 42 723 06 00 | 0.5 |
| 63 mm  | 33 / 34 | 50 | 42 723 06 30 | 0.5 |
| 65 mm  | 34 / 35 | 50 | 42 723 06 50 | 0.5 |
| 70 mm  | 37 / 38 | 50 | 42 723 07 00 | 0.5 |
| 75 mm  | 39 / 40 | 50 | 42 723 07 50 | 0.5 |
| 80 mm  | 41 / 42 | 25 | 42 723 08 00 | 0.4 |
| 83 mm  | 42 / 43 | 25 | 42 723 08 30 | 0.4 |
| 88 mm  | 46 / 47 | 25 | 42 723 08 80 | 0.4 |
| 95 mm  | 49 / 50 | 25 | 42 723 09 50 | 0.4 |
| 100 mm | 54 / 55 | 25 | 42 723 10 00 | 0.5 |
| 105 mm | 56 / 57 | 25 | 42 723 10 50 | 0.5 |
| 110 mm | 59 / 60 | 25 | 42 723 11 00 | 0.5 |
| 113 mm | 61 / 62 | 25 | 42 723 11 30 | 0.5 |
| 120 mm | 64 / 65 | 25 | 42 723 12 00 | 0.5 |



- Material: Stainless Steel 316L (1.4404) with textile patch

- Pitch: 1.7 mm  
- Belt Thickness: 1.6 - 2.4 mm

- Wire measurements: 0.65 x 0.5 mm  
- Barred Fasteners

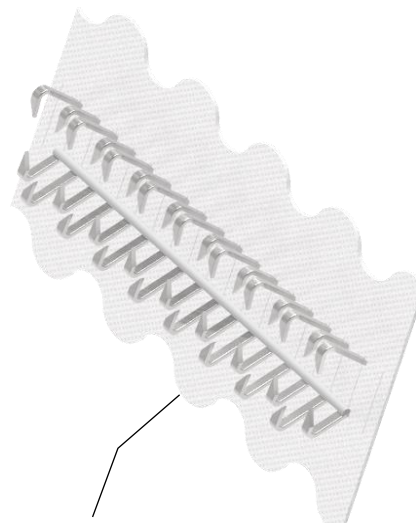


- Box content incl. Connecting Pins MK15-NYN

# PATCH Fasteners M61.2LSW-SS-P

Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

| Belt Width                                                                                                               | Fasteners per Strip | No. Of Laces | Order No.    | kg  |
|--------------------------------------------------------------------------------------------------------------------------|---------------------|--------------|--------------|-----|
| Belt Fastener M61.2LSW-SS-P (with Textile Patch)<br>Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 15-NYN |                     |              |              |     |
| 25 mm                                                                                                                    | 7 / 8               | 50           | 42 654 02 50 | 0.2 |
| 30 mm                                                                                                                    | 9 / 10              | 50           | 42 654 03 00 | 0.3 |
| 32 mm                                                                                                                    | 10 / 11             | 50           | 42 654 03 20 | 0.3 |
| 35 mm                                                                                                                    | 11 / 12             | 50           | 42 654 03 50 | 0.3 |
| 38 mm                                                                                                                    | 12 / 13             | 50           | 42 654 03 80 | 0.3 |
| 40 mm                                                                                                                    | 13 / 14             | 50           | 42 654 04 00 | 0.3 |
| 48 mm                                                                                                                    | 16 / 17             | 50           | 42 654 04 80 | 0.4 |
| 50 mm                                                                                                                    | 17 / 18             | 50           | 42 654 05 00 | 0.4 |
| 57 mm                                                                                                                    | 20 / 21             | 50           | 42 654 05 70 | 0.5 |
| 60 mm                                                                                                                    | 21 / 22             | 50           | 42 654 06 00 | 0.5 |
| 63 mm                                                                                                                    | 22 / 23             | 50           | 42 654 06 30 | 0.5 |
| 75 mm                                                                                                                    | 27 / 28             | 50           | 42 654 07 50 | 0.5 |
|                                                                                                                          |                     |              |              |     |
| 83 mm                                                                                                                    | 29 / 30             | 25           | 42 654 08 30 | 0.4 |
| 88 mm                                                                                                                    | 31 / 32             | 25           | 42 654 08 80 | 0.4 |
| 95 mm                                                                                                                    | 33 / 34             | 25           | 42 654 09 50 | 0.4 |
| 100 mm                                                                                                                   | 35 / 36             | 25           | 42 654 10 00 | 0.5 |
| 105 mm                                                                                                                   | 37 / 38             | 25           | 42 654 10 50 | 0.5 |
| 110 mm                                                                                                                   | 39 / 40             | 25           | 42 654 11 00 | 0.5 |
| 113 mm                                                                                                                   | 41 / 42             | 25           | 42 654 11 30 | 0.5 |
| 120 mm                                                                                                                   | 43 / 44             | 25           | 42 654 12 00 | 0.5 |



Textile Patch  
Coated on one side with hot glue

- Material: Stainless Steel 316L (1.4404)  
with Textile Patch

- Pitch: 2.54 mm  
- Belt Thickness: 1.6 - 2.4 mm  
- Wire measurements: 0.9 x 0.5 mm  
- Barred Fasteners



- Box content  
incl. Connecting Pin MK15-NYN

# Low Profile Fasteners M51.2SW-SS

Pitch 1.7 mm / for Belt Thicknesses 1.6 - 2.4 mm

| Belt Width                                                           | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------|---------------------|--------------|--------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M51.2SW-SS                                             |                     |              |              |     |                                                                                                                                                                                                                                                                                                                                                               |
| Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 13-NYN |                     |              |              |     |                                                                                                                                                                                                                                                                                                                                                               |
| 20 mm                                                                | 8 / 9               | 100          | 42 690 02 00 | 0.2 |                                                                                                                                                                                                                                                                             |
| 25 mm                                                                | 12 / 13             | 100          | 42 690 02 50 | 0.2 |                                                                                                                                                                                                                                                                                                                                                               |
| 30 mm                                                                | 15 / 16             | 100          | 42 690 03 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                               |
| 35 mm                                                                | 17 / 18             | 100          | 42 690 03 50 | 0.3 |                                                                                                                                                                                                                                                                                                                                                               |
| 38 mm                                                                | 19 / 20             | 100          | 42 690 04 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                               |
| 48 mm                                                                | 24 / 25             | 100          | 42 690 04 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 50 mm                                                                | 26 / 27             | 100          | 42 690 05 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 57 mm                                                                | 30 / 31             | 100          | 42 690 05 70 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |
| 60 mm                                                                | 32 / 33             | 100          | 42 690 06 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |
| 63 mm                                                                | 33 / 34             | 100          | 42 690 06 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |
| 65 mm                                                                | 34 / 35             | 100          | 42 690 06 50 | 0.6 |                                                                                                                                                                                                                                                                                                                                                               |
| 70 mm                                                                | 37 / 38             | 100          | 42 690 07 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                               |
| 75 mm                                                                | 39 / 40             | 100          | 42 690 07 50 | 0.6 |                                                                                                                                                                                                                                                                                                                                                               |
| 80 mm                                                                | 41 / 42             | 50           | 42 690 08 00 | 0.4 | <p>- Material: Stainless Steel 316L (1.4404)</p> <p>- Pitch: 1.7 mm</p> <p>- Belt Thickness: 1.6 - 2.4 mm</p> <p>- Wire measurements: 0.65 x 0.5 mm</p> <p>- Barred Fasteners</p>   |
| 83 mm                                                                | 42 / 43             | 50           | 42 690 08 30 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 88 mm                                                                | 46 / 47             | 50           | 42 690 08 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 95 mm                                                                | 49 / 50             | 50           | 42 690 09 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 100 mm                                                               | 54 / 55             | 50           | 42 690 10 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 105 mm                                                               | 56 / 57             | 50           | 42 690 10 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 110 mm                                                               | 59 / 60             | 50           | 42 690 11 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                               |
| 113 mm                                                               | 61 / 62             | 50           | 42 690 11 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |
| 120 mm                                                               | 64 / 65             | 50           | 42 690 12 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |
| 140 mm                                                               | 76 / 77             | 50           | 42 690 14 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                               |
| 150 mm                                                               | 82 / 83             | 50           | 42 690 15 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                               |
| 300 mm                                                               | 172 / 173           | 20           | 42 690 30 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                               |

- Material: Stainless Steel 316L (1.4404)

- Pitch: 1.7 mm  
- Belt Thickness: 1.6 - 2.4 mm

- Wire measurements: 0.65 x 0.5 mm  
- Barred Fasteners

- Box content including Connecting Pin MK15-NYN

# Low Profile Fasteners M51.2NW-SS

Pitch 1.7 mm / for Belt Thicknesses 2.4 - 3.2 mm

| Belt Width                                                           | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------|---------------------|--------------|--------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M51.2NW-SS                                             |                     |              |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 13-NYN |                     |              |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 20 mm                                                                | 8 / 9               | 100          | 42 699 02 00 | 0.2 |                                                                                                                                                                                                                                                                                                                                     |
| 25 mm                                                                | 12 / 13             | 100          | 42 699 02 50 | 0.2 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 30 mm                                                                | 15 / 16             | 100          | 42 699 03 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 35 mm                                                                | 17 / 18             | 100          | 42 699 03 50 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 38 mm                                                                | 19 / 20             | 100          | 42 699 04 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 48 mm                                                                | 24 / 25             | 100          | 42 699 04 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 50 mm                                                                | 26 / 27             | 100          | 42 699 05 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 57 mm                                                                | 30 / 31             | 100          | 42 699 05 70 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 60 mm                                                                | 32 / 33             | 100          | 42 699 06 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 63 mm                                                                | 33 / 34             | 100          | 42 699 06 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 65 mm                                                                | 34 / 35             | 100          | 42 699 06 50 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 70 mm                                                                | 37 / 38             | 100          | 42 699 07 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 75 mm                                                                | 39 / 40             | 100          | 42 699 07 50 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 80 mm                                                                | 41 / 42             | 50           | 42 699 08 00 | 0.4 | <div> <div>- Material:</div> <div>Stainless Steel 316L (1.4404)</div> </div> <div> <div>- Pitch:</div> <div>1.7 mm</div> </div> <div> <div>- Belt Thickness:</div> <div>2.4 - 3.2 mm</div> </div> <div> <div>- Wire measurements:</div> <div>0.65 x 0.5 mm</div> </div> <div> <div>- Barred Fasteners</div> </div> <div>+</div>  |
| 83 mm                                                                | 42 / 43             | 50           | 42 699 08 30 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 88 mm                                                                | 46 / 47             | 50           | 42 699 08 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 95 mm                                                                | 49 / 50             | 50           | 42 699 09 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 100 mm                                                               | 54 / 55             | 50           | 42 699 10 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 105 mm                                                               | 56 / 57             | 50           | 42 699 10 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 110 mm                                                               | 59 / 60             | 50           | 42 699 11 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 113 mm                                                               | 61 / 62             | 50           | 42 699 11 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 120 mm                                                               | 64 / 65             | 50           | 42 699 12 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 140 mm                                                               | 76 / 77             | 50           | 42 699 14 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 150 mm                                                               | 82 / 83             | 50           | 42 699 15 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 300 mm                                                               | 172 / 173           | 20           | 42 699 30 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                       |

- Material: Stainless Steel 316L (1.4404)

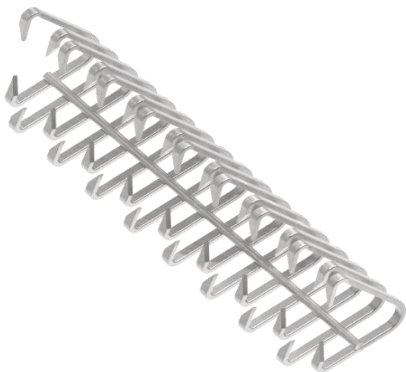
- Pitch: 1.7 mm  
- Belt Thickness: 2.4 - 3.2 mm

- Wire measurements: 0.65 x 0.5 mm  
- Barred Fasteners

- Box content including Connecting Pin MK15-NYN

# Low Profile Fasteners M61.2LSW-SS

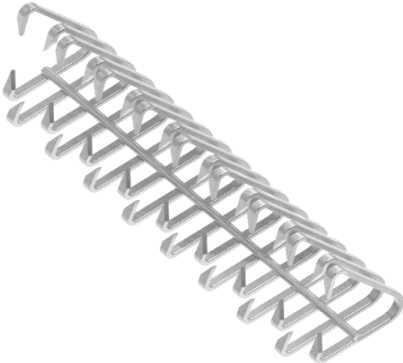
Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

| Belt Width                                                                                        | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------|---------------------|--------------|--------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M61.2LSW-SS<br>Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 15-NYN |                     |              |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 25 mm                                                                                             | 7 / 8               | 100          | 42 268 02 50 | 0.2 |                                                                                                                                                                                                                                                                                                                                                                                       |
| 30 mm                                                                                             | 9 / 10              | 100          | 42 268 03 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 32 mm                                                                                             | 10 / 11             | 100          | 42 268 03 20 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 35 mm                                                                                             | 11 / 12             | 100          | 42 268 03 50 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 38 mm                                                                                             | 12 / 13             | 100          | 42 268 03 80 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 40 mm                                                                                             | 13 / 14             | 100          | 42 268 04 00 | 0.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 48 mm                                                                                             | 16 / 17             | 100          | 42 268 04 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 50 mm                                                                                             | 17 / 18             | 100          | 42 268 05 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 57 mm                                                                                             | 20 / 21             | 100          | 42 268 05 70 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 60 mm                                                                                             | 21 / 22             | 100          | 42 268 06 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 63 mm                                                                                             | 22 / 23             | 100          | 42 268 06 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 75 mm                                                                                             | 27 / 28             | 100          | 42 268 07 50 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 83 mm                                                                                             | 29 / 30             | 50           | 42 268 08 30 | 0.4 | <div>- Material: Stainless Steel 316L (1.4404)</div> <div>- Pitch: 2.54 mm</div> <div>- Belt Thickness: 1.6 - 2.4 mm</div> <div>- Wire measurements: 0.9 x 0.5 mm</div> <div>- Barred Fasteners</div> <div data-bbox="1177 1198 1262 1281"></div> <div data-bbox="1031 1319 1445 1359"></div> |
| 88 mm                                                                                             | 31 / 32             | 50           | 42 268 08 80 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 95 mm                                                                                             | 33 / 34             | 50           | 42 268 09 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 100 mm                                                                                            | 35 / 36             | 50           | 42 268 10 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 105 mm                                                                                            | 37 / 38             | 50           | 42 268 10 50 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 110 mm                                                                                            | 39 / 40             | 50           | 42 268 11 00 | 0.4 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 113 mm                                                                                            | 41 / 42             | 50           | 42 268 11 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 120 mm                                                                                            | 43 / 44             | 50           | 42 268 12 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 127 mm                                                                                            | 46 / 47             | 50           | 42 268 12 70 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 140 mm                                                                                            | 51 / 52             | 50           | 42 268 14 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 150 mm                                                                                            | 55 / 56             | 50           | 42 268 15 00 | 0.6 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 168 mm                                                                                            | 62 / 63             | 25           | 42 268 16 80 | 0.7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 180 mm                                                                                            | 66 / 67             | 25           | 42 268 18 00 | 0.7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 190 mm                                                                                            | 70 / 71             | 25           | 42 268 19 00 | 0.7 | <div>- Box content including Connecting Pin MK15-NYN</div>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 200 mm                                                                                            | 74 / 75             | 25           | 42 268 20 00 | 0.7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 254 mm                                                                                            | 96 / 97             | 25           | 42 268 25 40 | 0.7 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 280 mm                                                                                            | 107 / 108           | 20           | 42 268 28 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 285 mm                                                                                            | 108 / 109           | 20           | 42 268 28 50 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 293 mm                                                                                            | 111 / 112           | 20           | 42 268 29 30 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 300 mm                                                                                            | 115 / 116           | 20           | 42 268 30 00 | 0.5 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Please see pages 33 for more Connecting Pins / Fasteners for other belt width upon request

# Low Profile Fasteners M61.2LSW-S

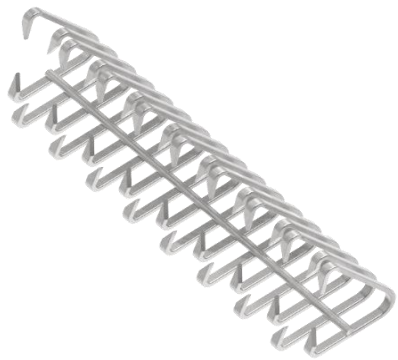
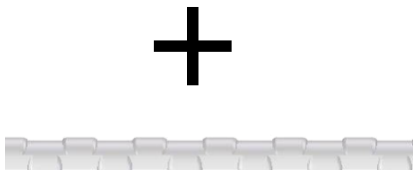
Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

| Belt Width                                                         | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------|---------------------|--------------|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M61.2LSW-S                                           |                     |              |              |     |                                                                                                                                                                                                                                                                                                                  |
| Chromium Steel 430 (1.4016), Lacing incl. Connecting Pin MK 15-NYN |                     |              |              |     |                                                                                                                                                                                                                                                                                                                  |
| 25 mm                                                              | 7 / 8               | 100          | 42 273 02 50 | 0.2 |                                                                                                                                                                                                                                |
| 30 mm                                                              | 9 / 10              | 100          | 42 273 03 00 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 32 mm                                                              | 10 / 11             | 100          | 42 273 03 20 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 35 mm                                                              | 11 / 12             | 100          | 42 273 03 50 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 38 mm                                                              | 12 / 13             | 100          | 42 273 03 80 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 40 mm                                                              | 13 / 14             | 100          | 42 273 04 00 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 48 mm                                                              | 16 / 17             | 100          | 42 273 04 80 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 50 mm                                                              | 17 / 18             | 100          | 42 273 05 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 57 mm                                                              | 20 / 21             | 100          | 42 273 05 70 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 60 mm                                                              | 21 / 22             | 100          | 42 273 06 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 63 mm                                                              | 22 / 23             | 100          | 42 273 06 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 75 mm                                                              | 27 / 28             | 100          | 42 273 07 50 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 83 mm                                                              | 29 / 30             | 50           | 42 273 08 30 | 0.4 | <div> <div>- Material:</div> <div>Chromium Steel 430 (1.4016)</div> </div> <div> <div>- Pitch:</div> <div>2.54 mm</div> </div> <div> <div>- Belt Thickness:</div> <div>1.6 - 2.4 mm</div> </div> <div> <div>- Wire measurements:</div> <div>0.9 x 0.5 mm</div> </div> <div> <div>- Barred Fasteners</div> </div> |
| 88 mm                                                              | 31 / 32             | 50           | 42 273 08 80 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 95 mm                                                              | 33 / 34             | 50           | 42 273 09 50 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 100 mm                                                             | 35 / 36             | 50           | 42 273 10 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 105 mm                                                             | 37 / 38             | 50           | 42 273 10 50 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 110 mm                                                             | 39 / 40             | 50           | 42 273 11 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 113 mm                                                             | 41 / 42             | 50           | 42 273 11 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 120 mm                                                             | 43 / 44             | 50           | 42 273 12 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 127 mm                                                             | 46 / 47             | 50           | 42 273 12 70 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 140 mm                                                             | 51 / 52             | 50           | 42 273 14 00 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 150 mm                                                             | 55 / 56             | 50           | 42 273 15 00 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 168 mm                                                             | 62 / 63             | 25           | 42 273 16 80 | 0.7 | <div>+</div> <div>  </div> <div> <div>- Box content</div> <div>including Connecting Pin MK15-NYN</div> </div>                                                                                                               |
| 180 mm                                                             | 66 / 67             | 25           | 42 273 18 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 190 mm                                                             | 70 / 71             | 25           | 42 273 19 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 200 mm                                                             | 74 / 75             | 25           | 42 273 20 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 254 mm                                                             | 96 / 97             | 25           | 42 273 25 40 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 280 mm                                                             | 107 / 108           | 20           | 42 273 28 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 285 mm                                                             | 108 / 109           | 20           | 42 273 28 50 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 293 mm                                                             | 111 / 112           | 20           | 42 273 29 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 300 mm                                                             | 115 / 116           | 20           | 42 273 30 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |

Please see pages 33 for more Connecting Pins / Fasteners for other belt width upon request

# Low Profile Fasteners M61.2LNW-SS

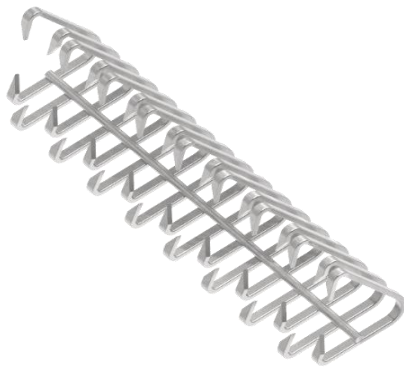
Pitch 2.54 mm / for Belt Thicknesses 2.4 - 3.2 mm

| Belt Width                                                                                        | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                |
|---------------------------------------------------------------------------------------------------|---------------------|--------------|--------------|-----|--------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M61.2LNW-SS<br>Stainless Steel 316L (1.4404), Lacing incl. Connecting Pin MK 15-NYN |                     |              |              |     |                                                                                                                                |
| 25 mm                                                                                             | 7 / 8               | 100          | 42 269 02 50 | 0.2 |                                              |
| 30 mm                                                                                             | 9 / 10              | 100          | 42 269 03 00 | 0.3 |                                                                                                                                |
| 32 mm                                                                                             | 10 / 11             | 100          | 42 269 03 20 | 0.3 |                                                                                                                                |
| 35 mm                                                                                             | 11 / 12             | 100          | 42 269 03 50 | 0.3 |                                                                                                                                |
| 38 mm                                                                                             | 12 / 13             | 100          | 42 269 03 80 | 0.3 |                                                                                                                                |
| 40 mm                                                                                             | 13 / 14             | 100          | 42 269 04 00 | 0.3 |                                                                                                                                |
| 48 mm                                                                                             | 16 / 17             | 100          | 42 269 04 80 | 0.4 |                                                                                                                                |
| 50 mm                                                                                             | 17 / 18             | 100          | 42 269 05 00 | 0.4 |                                                                                                                                |
| 57 mm                                                                                             | 20 / 21             | 100          | 42 269 05 70 | 0.5 |                                                                                                                                |
| 60 mm                                                                                             | 21 / 22             | 100          | 42 269 06 00 | 0.5 |                                                                                                                                |
| 63 mm                                                                                             | 22 / 23             | 100          | 42 269 06 30 | 0.5 | - Material: Stainless Steel 316L (1.4404)                                                                                      |
| 75 mm                                                                                             | 27 / 28             | 100          | 42 269 07 50 | 0.6 | - Pitch: 2.54 mm<br>- Belt Thickness: 2.4 - 3.2 mm                                                                             |
| 83 mm                                                                                             | 29 / 30             | 50           | 42 269 08 30 | 0.4 | - Wire measurements: 0.9 x 0.5 mm<br><br> |
| 88 mm                                                                                             | 31 / 32             | 50           | 42 269 08 80 | 0.4 |                                                                                                                                |
| 95 mm                                                                                             | 33 / 34             | 50           | 42 269 09 50 | 0.4 |                                                                                                                                |
| 100 mm                                                                                            | 35 / 36             | 50           | 42 269 10 00 | 0.4 |                                                                                                                                |
| 105 mm                                                                                            | 37 / 38             | 50           | 42 269 10 50 | 0.4 |                                                                                                                                |
| 110 mm                                                                                            | 39 / 40             | 50           | 42 269 11 00 | 0.4 |                                                                                                                                |
| 113 mm                                                                                            | 41 / 42             | 50           | 42 269 11 30 | 0.5 |                                                                                                                                |
| 120 mm                                                                                            | 43 / 44             | 50           | 42 269 12 00 | 0.5 |                                                                                                                                |
| 127 mm                                                                                            | 46 / 47             | 50           | 42 269 12 70 | 0.6 |                                                                                                                                |
| 140 mm                                                                                            | 51 / 52             | 50           | 42 269 14 00 | 0.6 |                                                                                                                                |
| 150 mm                                                                                            | 55 / 56             | 50           | 42 269 15 00 | 0.6 | - Box content including Connecting Pin MK15-NYN                                                                                |
| 168 mm                                                                                            | 62 / 63             | 25           | 42 269 16 80 | 0.7 |                                                                                                                                |
| 180 mm                                                                                            | 66 / 67             | 25           | 42 269 18 00 | 0.7 |                                                                                                                                |
| 190 mm                                                                                            | 70 / 71             | 25           | 42 269 19 00 | 0.7 |                                                                                                                                |
| 200 mm                                                                                            | 74 / 75             | 25           | 42 269 20 00 | 0.7 |                                                                                                                                |
| 254 mm                                                                                            | 96 / 97             | 25           | 42 269 25 40 | 0.7 |                                                                                                                                |
| 280 mm                                                                                            | 107 / 108           | 20           | 42 269 28 00 | 0.5 |                                                                                                                                |
| 285 mm                                                                                            | 108 / 109           | 20           | 42 269 28 50 | 0.5 |                                                                                                                                |
| 293 mm                                                                                            | 111 / 112           | 20           | 42 269 29 30 | 0.5 |                                                                                                                                |
| 300 mm                                                                                            | 115 / 116           | 20           | 42 269 30 00 | 0.5 |                                                                                                                                |

Please see pages 33 for more Connecting Pins / Fasteners for other belt width upon request

# Low Profile Fasteners M61.2LNW-S

Pitch 2.54 mm / for Belt Thicknesses 2.4 - 3.2 mm

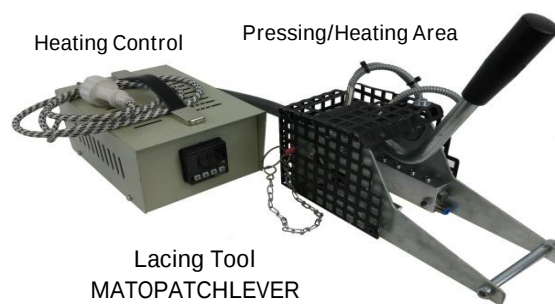
| Belt Width                                                         | Fasteners per Strip | No. Of Laces | Order No.    | kg  |                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------|---------------------|--------------|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener M61.2LNW-S                                           |                     |              |              |     |                                                                                                                                                                                                                                                                                                                  |
| Chromium Steel 430 (1.4016), Lacing incl. Connecting Pin MK 15-NYN |                     |              |              |     |                                                                                                                                                                                                                                                                                                                  |
| 25 mm                                                              | 7 / 8               | 100          | 42 292 02 50 | 0.2 |                                                                                                                                                                                                                                |
| 30 mm                                                              | 9 / 10              | 100          | 42 292 03 00 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 32 mm                                                              | 10 / 11             | 100          | 42 292 03 20 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 35 mm                                                              | 11 / 12             | 100          | 42 292 03 50 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 38 mm                                                              | 12 / 13             | 100          | 42 292 03 80 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 40 mm                                                              | 13 / 14             | 100          | 42 292 04 00 | 0.3 |                                                                                                                                                                                                                                                                                                                  |
| 48 mm                                                              | 16 / 17             | 100          | 42 292 04 80 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 50 mm                                                              | 17 / 18             | 100          | 42 292 05 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 57 mm                                                              | 20 / 21             | 100          | 42 292 05 70 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 60 mm                                                              | 21 / 22             | 100          | 42 292 06 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 63 mm                                                              | 22 / 23             | 100          | 42 292 06 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 75 mm                                                              | 27 / 28             | 100          | 42 292 07 50 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 83 mm                                                              | 29 / 30             | 50           | 42 292 08 30 | 0.4 | <div> <div>- Material:</div> <div>Chromium Steel 430 (1.4016)</div> </div> <div> <div>- Pitch:</div> <div>2.54 mm</div> </div> <div> <div>- Belt Thickness:</div> <div>2.4 - 3.2 mm</div> </div> <div> <div>- Wire measurements:</div> <div>0.9 x 0.5 mm</div> </div> <div> <div>- Barred Fasteners</div> </div> |
| 88 mm                                                              | 31 / 32             | 50           | 42 292 08 80 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 95 mm                                                              | 33 / 34             | 50           | 42 292 09 50 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 100 mm                                                             | 35 / 36             | 50           | 42 292 10 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 105 mm                                                             | 37 / 38             | 50           | 42 292 10 50 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 110 mm                                                             | 39 / 40             | 50           | 42 292 11 00 | 0.4 |                                                                                                                                                                                                                                                                                                                  |
| 113 mm                                                             | 41 / 42             | 50           | 42 292 11 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 120 mm                                                             | 43 / 44             | 50           | 42 292 12 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 127 mm                                                             | 46 / 47             | 50           | 42 292 12 70 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 140 mm                                                             | 51 / 52             | 50           | 42 292 14 00 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 150 mm                                                             | 55 / 56             | 50           | 42 292 15 00 | 0.6 |                                                                                                                                                                                                                                                                                                                  |
| 168 mm                                                             | 62 / 63             | 25           | 42 292 16 80 | 0.7 | <div>+</div> <div>  </div>                                                                                                                                                                                                  |
| 180 mm                                                             | 66 / 67             | 25           | 42 292 18 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 190 mm                                                             | 70 / 71             | 25           | 42 292 19 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 200 mm                                                             | 74 / 75             | 25           | 42 292 20 00 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 254 mm                                                             | 96 / 97             | 25           | 42 292 25 40 | 0.7 |                                                                                                                                                                                                                                                                                                                  |
| 280 mm                                                             | 107 / 108           | 20           | 42 292 28 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 285 mm                                                             | 108 / 109           | 20           | 42 292 28 50 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 293 mm                                                             | 111 / 112           | 20           | 42 292 29 30 | 0.5 |                                                                                                                                                                                                                                                                                                                  |
| 300 mm                                                             | 115 / 116           | 20           | 42 292 30 00 | 0.5 |                                                                                                                                                                                                                                                                                                                  |

Please see pages 33 for more Connecting Pins / Fasteners for other belt width upon request

| Description                                                     | Pitch (mm) | Order No. | kg |
|-----------------------------------------------------------------|------------|-----------|----|
| <b>Lacing Tools MATOPATCHLEVER with fixed Fastener Retainer</b> |            |           |    |

MATOPATCHLEVER 1.7 42 480 96 50  
50WP  
(Max. Belt Width 60 mm)

MATOPATCHLEVER 2.54 42 480 96 60  
60WP  
(Max. Belt Width 60 mm)



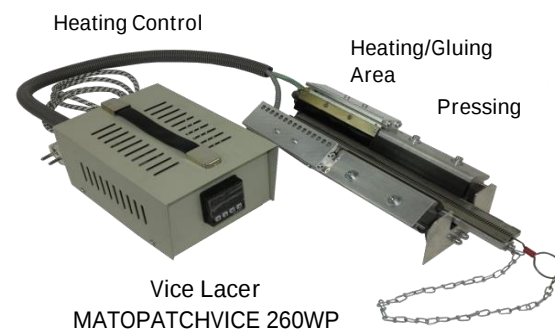
The MATOPATCHLEVER 50WP resp. 60WP was developed for installing MATOPATCH Fasteners with pitches 1.7 mm or 2.54 mm. Since this tool does not require a vice, it enables simple installation directly at machines in commercial laundries. Installing the fasteners and the textile patch is achieved in one step.

Electrical Data: 0.6 kW / 230V / 50Hz / 1 Phase

### Vice Lacer MATOPATCHVICE incl. Universal Comb and Comb Pin Dia. 1.5mm resp. 1.7 mm

MATOPATCHVICE 1.7 42 200 02 04  
260WP  
(Heating and Pressing Area  
120 mm each)

MATOPATCHVICE 2.54 42 200 02 02  
260WP  
(Heating and Pressing Area  
120 mm each)



The Vice Lacer MATOPATCHVICE 260WP is ideal for installing small and medium series of MATO Patch Fasteners. This tool can be used with a vice as well as with the electro-hydraulic installation unit MATOHYD 260WP (page 29).

The maximum installation width of the Vice Lacer MATOPATCHVICE 260WP is 120 mm. All fasteners with or without patch (1.7 or 2.54 mm pitch) can be installed.

The installation steps are as follows:

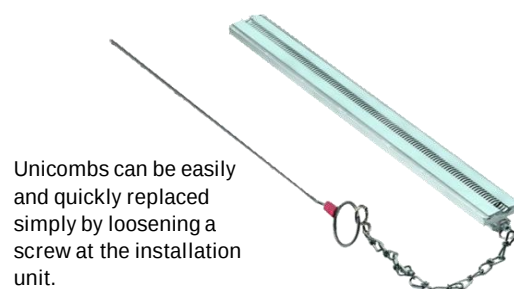
- press in the fasteners into the belt (without heating) -
- hot glue the patch
- repress the complete splice.

Electrical Data: 0.6 kW / 230V / 50Hz / 1 Phase  
Temperature is adjustable up to 250°C

### Extra Universal Combs for MATOPATCHVICE Comb Width 260 mm

UNICOMB 50-260VH-WP 1.7 42 480 21 51  
incl. Comb Pin Dia. 1.5 mm

UNICOMB 60-260VH-WP 2.54 42 480 11 51  
incl. Comb Pin Dia. 1.7 mm

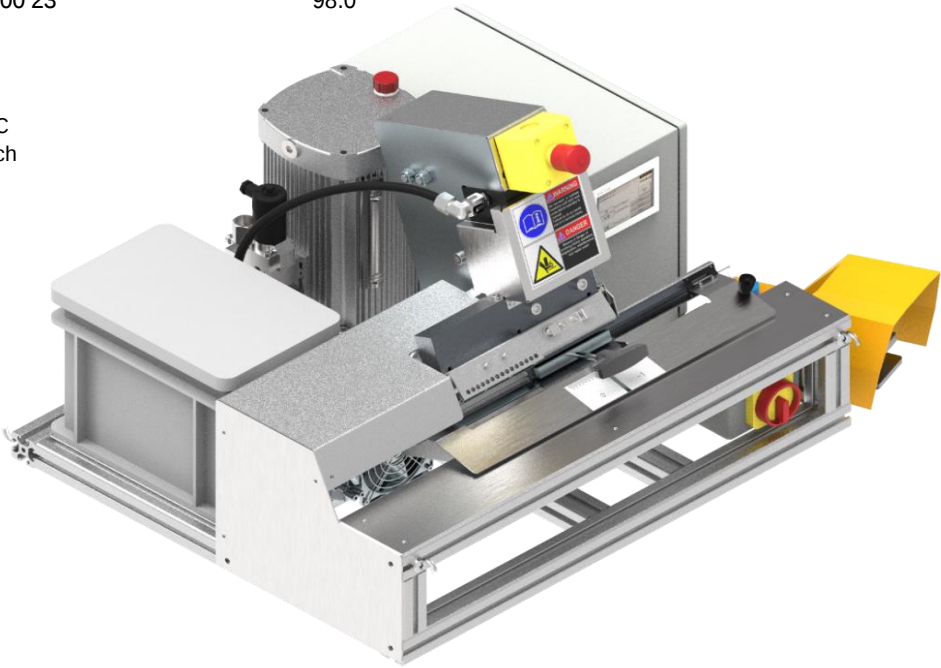


For processing bigger quantities, please ask for our Lacing Tools

| Description                        | Order No. | kg |
|------------------------------------|-----------|----|
| Installation Machine 260WP Compact |           |    |

|                   |              |      |
|-------------------|--------------|------|
| MATOPATCH 260WP-C | 42 200 00 23 | 98.0 |
|-------------------|--------------|------|

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.



Installation Machine MATOHYD 260/480WP

Please ask your MATO expert for details



| Description        | Working Width | Order No. | kg |
|--------------------|---------------|-----------|----|
| <b>Accessories</b> |               |           |    |

|                |        |              |     |
|----------------|--------|--------------|-----|
| Belt Cutter LD | 150 mm | 42 510 01 50 | 2.4 |
|----------------|--------|--------------|-----|



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).

|                                          |  |              |      |
|------------------------------------------|--|--------------|------|
| Spare Blade<br>for Belt Cutter LD (PU 1) |  | 42 510 11 50 | 0.01 |
|------------------------------------------|--|--------------|------|



Spare Blade with eight positions.

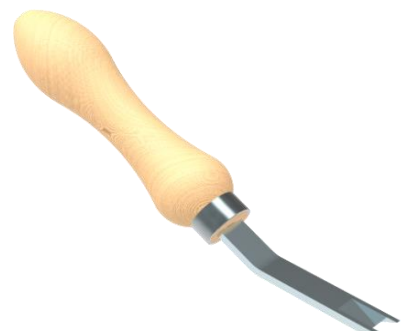
|                                       |       |              |     |
|---------------------------------------|-------|--------------|-----|
| Textile Belt Cutter<br>90° Angle Stop | 50 mm | 42 050 10 10 | 0.4 |
|---------------------------------------|-------|--------------|-----|



|                                                |  |              |      |
|------------------------------------------------|--|--------------|------|
| Spare Blade<br>for Textile Belt Cutter (PU 10) |  | 42 050 10 11 | 0.01 |
|------------------------------------------------|--|--------------|------|

The Textile Belt Cutter is ideal for cutting Light Duty Belts such as Laundry Belts. The 90° stop produces an accurate cut.

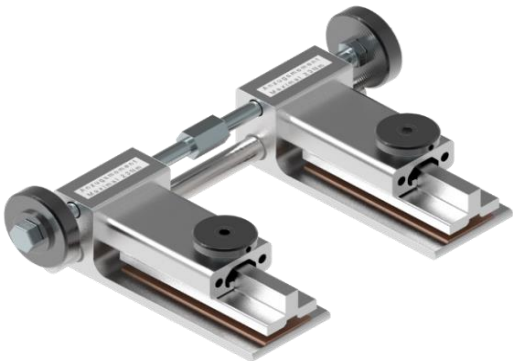
|                  |      |              |     |
|------------------|------|--------------|-----|
| Supergrip Skiver | 7 mm | 42 640 00 00 | 0.1 |
|------------------|------|--------------|-----|



Hand Skiver for patterned and rough top belts.

| Description | Working Width | Order No. | kg |
|-------------|---------------|-----------|----|
| Accessories |               |           |    |

|               |        |              |     |
|---------------|--------|--------------|-----|
| Belt Clamp W1 | 100 mm | 42 480 90 00 | 1.2 |
|---------------|--------|--------------|-----|



The Belt Clamp W1 enables easy tensioning and de-tensioning of laundry belts.

|                            |        |              |     |
|----------------------------|--------|--------------|-----|
| Fastener Inserting Tool    | 50 mm  | 42 200 20 90 | 0.1 |
| Fastener Inserting Tool    | 90 mm  | 42 200 20 91 | 0.2 |
| Fastener Inserting Tool    | 120 mm | 42 200 20 92 | 0.3 |
| Further sizes upon request |        |              |     |



These tools are recommended for installing PATCH fasteners in fixed Combs and small spaces and avoids finger contact with heating clamps. It can be used with fastener pitches 1.7 mm and 2.54 mm.

# Selection Charts for Connecting Pins

## Connecting Pins for Rectangular and Round Wire Fasteners (Laundry Industry)

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

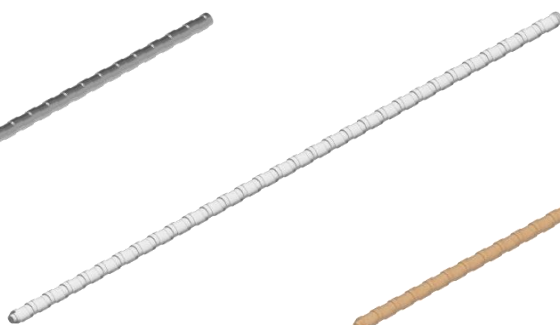
○○○○○

excellent

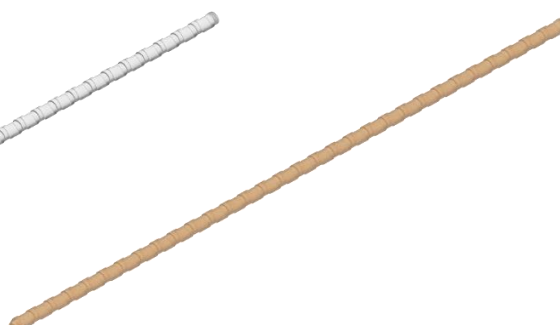
●●●●●



WSSN



NYN



PEEN

\* PEEK (high temperature resistant Polyetheretherketone)

# Connecting Pins MK15

for Fasteners M60

| Belt Width                                    | Length<br>(mm) | No. Pins<br>Packing Unit | Order No.    | kg   |                                                                                                                                                                                  |
|-----------------------------------------------|----------------|--------------------------|--------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Connecting Pin MK15 NYN, cut to length</b> |                |                          |              |      |                                                                                                                                                                                  |
| Solid Nylon notched                           |                |                          |              |      |                                                                                                                                                                                  |
| 25 mm                                         | 22             | 100                      | 42 208 02 50 | 0.01 | Material: Wear resistant Nylon<br><br>- Connecting Pins notched<br>- Diameter 1.5 mm<br><br> |
| 30 mm                                         | 27             | 100                      | 42 208 03 00 | 0.01 |                                                                                                                                                                                  |
| 32 mm                                         | 29             | 100                      | 42 208 03 20 | 0.01 |                                                                                                                                                                                  |
| 35 mm                                         | 32             | 100                      | 42 208 03 50 | 0.01 |                                                                                                                                                                                  |
| 38 mm                                         | 35             | 100                      | 42 208 03 80 | 0.01 |                                                                                                                                                                                  |
| 40 mm                                         | 37             | 100                      | 42 208 04 00 | 0.01 |                                                                                                                                                                                  |
| 48 mm                                         | 45             | 100                      | 42 208 04 80 | 0.01 |                                                                                                                                                                                  |
| 50 mm                                         | 47             | 100                      | 42 208 05 00 | 0.01 |                                                                                                                                                                                  |
| 57 mm                                         | 54             | 100                      | 42 208 05 70 | 0.01 |                                                                                                                                                                                  |
| 60 mm                                         | 57             | 100                      | 42 208 06 00 | 0.01 |                                                                                                                                                                                  |
| 63 mm                                         | 60             | 100                      | 42 208 06 30 | 0.01 |                                                                                                                                                                                  |
| 75 mm                                         | 72             | 100                      | 42 208 07 50 | 0.02 |                                                                                                                                                                                  |
| 83 mm                                         | 80             | 50                       | 42 208 08 30 | 0.01 |                                                                                                                                                                                  |
| 88 mm                                         | 85             | 50                       | 42 208 08 80 | 0.01 |                                                                                                                                                                                  |
| 95 mm                                         | 92             | 50                       | 42 208 09 50 | 0.01 |                                                                                                                                                                                  |
| 100 mm                                        | 97             | 50                       | 42 208 10 00 | 0.01 |                                                                                                                                                                                  |
| 105 mm                                        | 102            | 50                       | 42 208 10 50 | 0.01 |                                                                                                                                                                                  |
| 110 mm                                        | 107            | 50                       | 42 208 11 00 | 0.01 |                                                                                                                                                                                  |
| 113 mm                                        | 110            | 50                       | 42 208 11 30 | 0.01 |                                                                                                                                                                                  |
| 120 mm                                        | 117            | 50                       | 42 208 12 00 | 0.01 |                                                                                                                                                                                  |
| 127 mm                                        | 124            | 50                       | 42 208 12 70 | 0.01 |                                                                                                                                                                                  |
| 140 mm                                        | 137            | 50                       | 42 208 14 00 | 0.02 |                                                                                                                                                                                  |
| 150 mm                                        | 147            | 50                       | 42 208 15 00 | 0.02 |                                                                                                                                                                                  |
| 168 mm                                        | 165            | 25                       | 42 208 16 80 | 0.01 |                                                                                                                                                                                  |
| 180 mm                                        | 177            | 25                       | 42 208 18 00 | 0.01 |                                                                                                                                                                                  |
| 190 mm                                        | 187            | 25                       | 42 208 19 00 | 0.01 |                                                                                                                                                                                  |
| 200 mm                                        | 197            | 25                       | 42 208 20 00 | 0.01 |                                                                                                                                                                                  |
| 254 mm                                        | 251            | 25                       | 42 208 25 40 | 0.01 |                                                                                                                                                                                  |
| 280 mm                                        | 277            | 20                       | 42 208 28 00 | 0.01 |                                                                                                                                                                                  |
| 285 mm                                        | 282            | 20                       | 42 208 28 50 | 0.01 |                                                                                                                                                                                  |
| 293 mm                                        | 290            | 20                       | 42 208 29 30 | 0.01 |                                                                                                                                                                                  |
| 300 mm                                        | 297            | 20                       | 42 208 30 00 | 0.01 |                                                                                                                                                                                  |

## Connecting Pin MK15 NYN, 30 Meter Coil

Solid Nylon, notched

|          |          |   |              |     |
|----------|----------|---|--------------|-----|
| MK15-NYN | 30 Meter | 1 | 42 513 01 50 | 0.1 |
|----------|----------|---|--------------|-----|

## Connecting Pin MK15 WSSN, 30 Meter Coil

Wire Stainless 316 (1.4401), notched

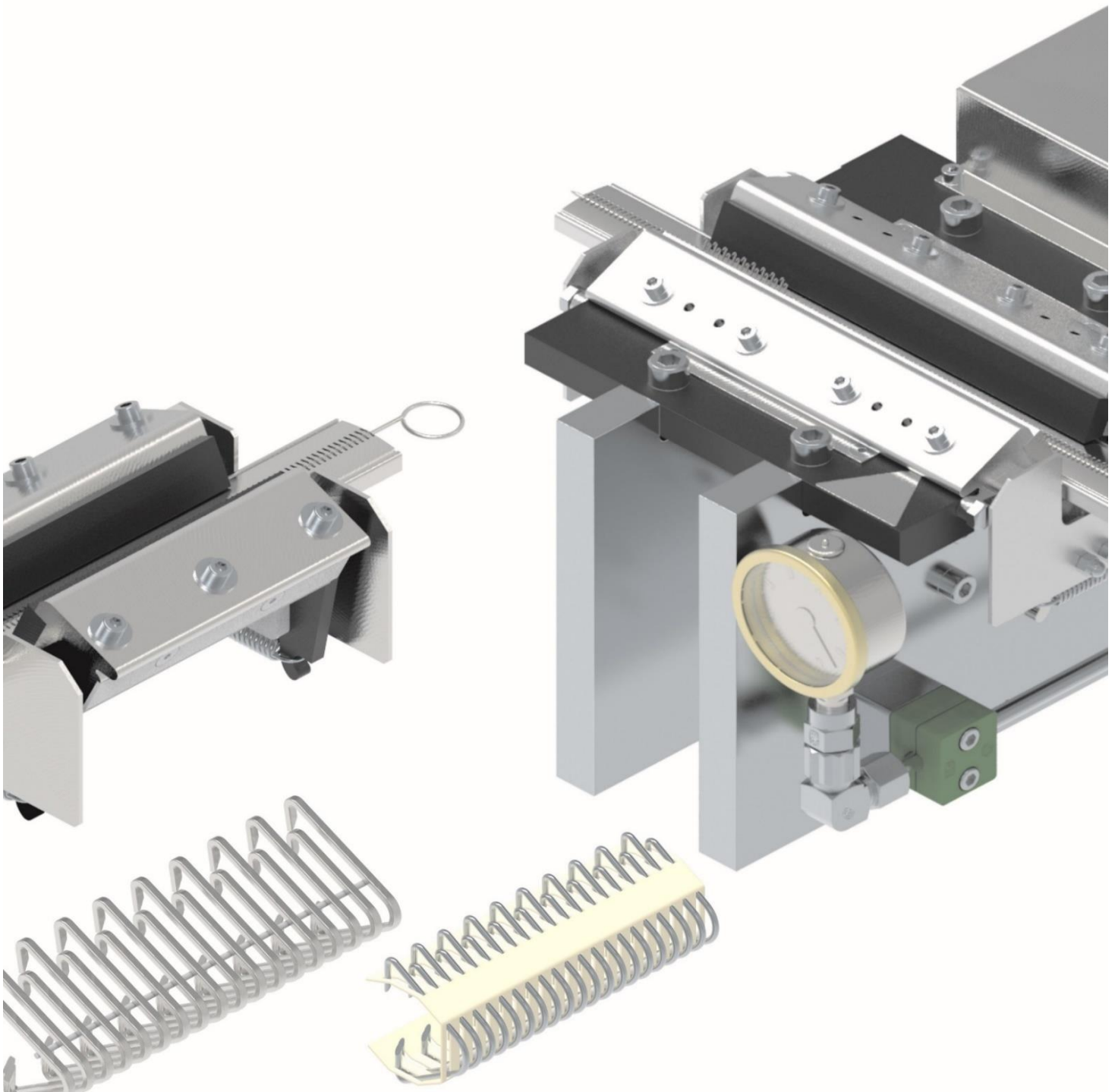
|           |          |   |              |      |
|-----------|----------|---|--------------|------|
| MK15-WSSN | 30 Meter | 1 | 42 508 01 50 | 0.38 |
|-----------|----------|---|--------------|------|

## Connecting Pin MK15 PKN, 30 Meter Coil

Notched PEEK-Cord

|          |          |   |              |     |
|----------|----------|---|--------------|-----|
| MK15-PEN | 30 Meter | 1 | 42 516 01 50 | 0.1 |
|----------|----------|---|--------------|-----|

# mato



## Selection Chart for Wire Hook Systems

### What do you need?

- Belt thickness
- Minimum pulley diameter
- Fastener pitch

### How do you proceed?

- Selection Charts on pages 36 and 37

#### 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

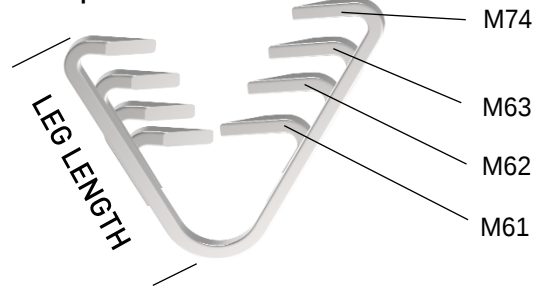
#### Material Selection

according to your requirements, please see selection chart below

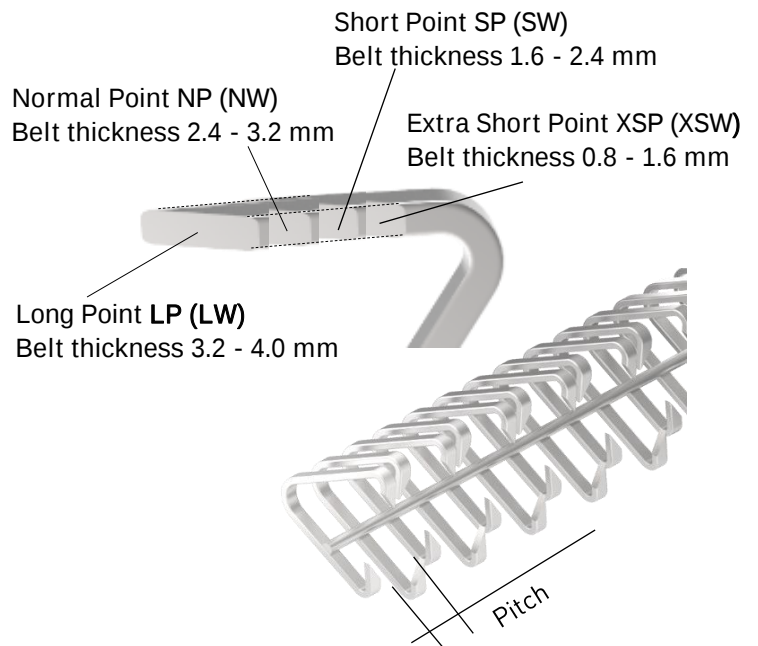
#### Selection of Connecting Pins

see pages 51 - 52

### Example:



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 36.



| Material                | Symbol | Magnetic | Abrasion Resistant | Chemical Resistant | Rust Resistant | Systems                           |
|-------------------------|--------|----------|--------------------|--------------------|----------------|-----------------------------------|
| Galvanized Steel        | G      | yes      | ●●●●○              | ●○○○○              | ●●●○○          | R20, R30                          |
| Special Steel           | C      | yes      | ●●●●○              | ●○○○○              | ○○○○○          | R80                               |
| Stainless Steel, 1.4016 | S      | yes      | ●●●●○              | ●●●○○              | ●●●○○          | M50, M60, R20, R30, R70, R80      |
| Stainless Steel, 1.4404 | SS     | slightly | ●●●●○              | ●●●●○              | ●●●●●          | M50, M60, M70, R20, R30, R70, R80 |
| Monel 400               | MO     | slightly | ●●○○○              | ●●●●●              | ●●●●●          | auf Anfrage                       |
| Inconel 600             | IN     | no       | ●●○○○              | ●●●●●              | ●●●●●          | auf Anfrage                       |
| Hastelloy C4            | HA     | no       | ●●●●○              | ●●●●●              | ●●●●●          | auf Anfrage                       |

poor ○○○○○

excellent ●●●●●

\* for higher temperatures as well

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

# Selection Chart

for Fastener Sizes of Systems M50, M60, and R60

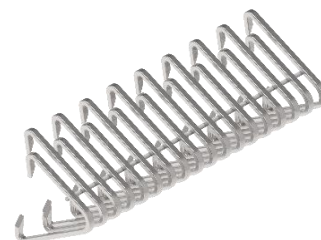
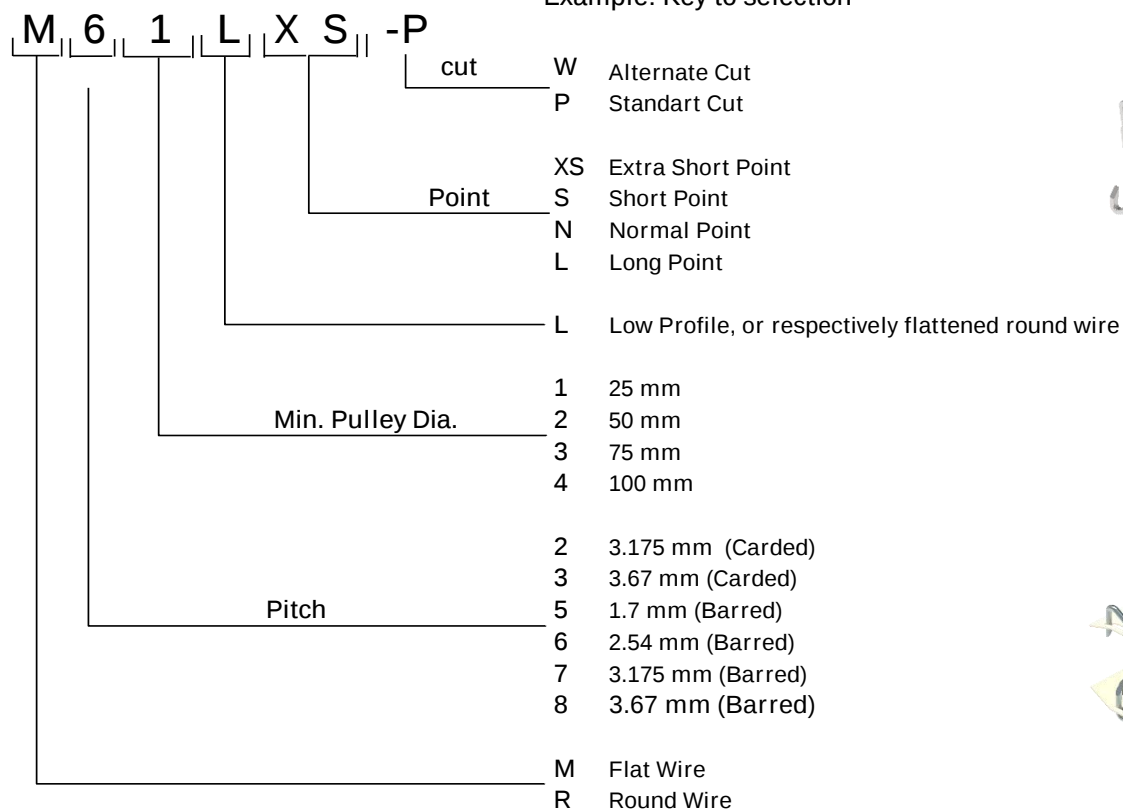
## Pitch 1,7mm

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

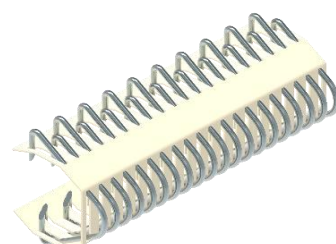
## Pitch: 2.54mm

| Min. Pulley Diameter | Wire Measurements |               | Connecting Pin Diameter mm (Type) | Belt Thickness |         |        |        |       |      |       |       |
|----------------------|-------------------|---------------|-----------------------------------|----------------|---------|--------|--------|-------|------|-------|-------|
|                      | mm                | inch          |                                   | ≤ 1/32"        | 1/16"   | 5/64"  | 3/32"  | 7/64" | 1/8" | 9/64" | 5/32" |
| 25mm<br>1"           | 0.9 x 0.5         | 0.035 x 0.020 | 1.5 (MK15)                        |                | M61LXSP |        |        |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.5 (MK15)                        |                | M61XSP  |        |        |       |      |       |       |
|                      | 0.9 x 0.5         | 0.035 x 0.020 | 1.5 (MK15)                        |                |         | M61LSP |        |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.5 (MK15)                        |                |         | M61SP  |        |       |      |       |       |
| 50mm<br>2"           | 0.9 x 0.5         | 0.035 x 0.020 | 1.5 (MK15)                        |                | M62LXSP |        |        |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.5 (MK15)                        |                | M62XSP  |        |        |       |      |       |       |
|                      | 0.9 x 0.5         | 0.035 x 0.020 | 1.5 (MK15)                        |                |         | M62LSP |        |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.5 (MK15)                        |                |         | M62SP  |        |       |      |       |       |
|                      | 0.9 x 0.5         | 0.035 x 0.020 | 1.8 (MK18)                        |                |         |        | M62LNP |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.8 (MK18)                        |                |         |        | M62NP  |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.8 (MK18)                        |                |         |        |        | M62LP |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.5 (MK15)                        |                |         | M63SP  |        |       |      |       |       |
| 75mm<br>3"           | 0.9 x 0.7         | 0.035 x 0.028 | 1.8 (MK18)                        |                |         |        | M63NP  |       |      |       |       |
|                      | 0.9 x 0.7         | 0.035 x 0.028 | 1.8 (MK18)                        |                |         |        |        | M63LP |      |       |       |

## Example: Key to selection



Barred



Carded

# Selection Chart

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

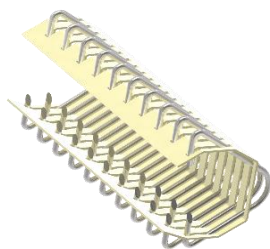
Pitch 3,175mm

| Min. Pulley Diameter | Wire Measurements |               | Connecting Pin Diameter | Belt Thickness |      |       |       |      |       |       |        |
|----------------------|-------------------|---------------|-------------------------|----------------|------|-------|-------|------|-------|-------|--------|
|                      |                   |               |                         | 5/64"          | 1/8" | 5/32" | 3/16" | 1/4" | 9/32" | 5/16" | 11/32" |
|                      | mm                | inch          | mm (Type)               | 2mm            | 3mm  | 4mm   | 5mm   | 6mm  | 7mm   | 8mm   | 9mm    |
| 50mm<br>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<br>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)              |                |      | R73LW |       |      |       |       |        |
| 100mm<br>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 |       |      |       |       |        |

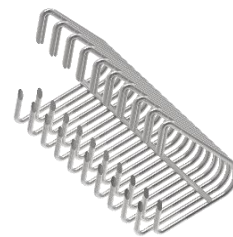
Pitch 3,67mm

| Min. Pulley Diameter | Wire Measurements |         | Connecting Pin Diameter | Belt Thickness |      |       |       |      |       |       |        |
|----------------------|-------------------|---------|-------------------------|----------------|------|-------|-------|------|-------|-------|--------|
|                      |                   |         |                         | 5/64"          | 1/8" | 5/32" | 3/16" | 1/4" | 9/32" | 5/16" | 11/32" |
|                      | mm                | inch    | mm (Type)               | 2mm            | 3mm  | 4mm   | 5mm   | 6mm  | 7mm   | 8mm   | 9mm    |
| 50mm                 | Ø 1,4             | Ø 0,055 | 2,0 (MK20)              |                | R32  |       |       |      |       |       |        |
| 2"                   | Ø 1,4             | Ø 0,055 | 2,0 (MK20)              |                | R82* |       |       |      |       |       |        |
| 75mm                 | Ø 1,4             | Ø 0,055 | 2,5 (MK25)              |                |      | R33   |       |      |       |       |        |
| 3"                   | Ø 1,4             | Ø 0,055 | 2,5 (MK25)              |                |      | R83*  |       |      |       |       |        |
| 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   |        |

\* Available with wire diameter of 1.0 mm upon request.



Carded



Barred

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

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

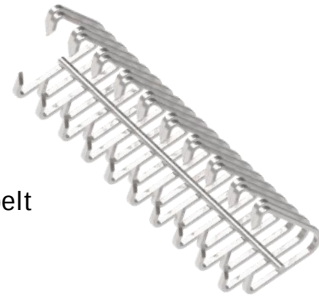
Pitch 1.7 mm

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

Pitch 2.54 mm

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 Tools.

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 0.8mm to 1.4mm
- Geometrical form (belt thicknesses from 1.6mm to 9.0mm and minimum pulley diameters from 25mm to 150mm)

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

## Round Wire Fastener Series R70

Pitch 3.175 mm

Barred Fasteners

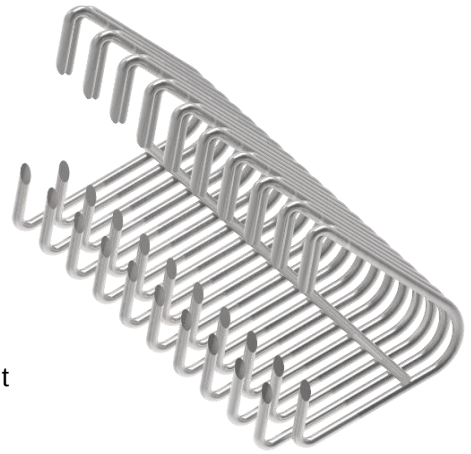
This series has a diameter of 1.0 mm and can be used in a belt thickness range from 2.0 mm to 4.0 mm.

## Round Wire Fastener Series R80

Pitch 3.67 mm

Barred Fasteners

These fasteners have a wire diameter of 1.40 mm and can be used in a belt thickness ranging from 3.0 mm to 9.0 mm.



## Round Wire Fastener Series R20

Pitch 3.175 mm,

Carded

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

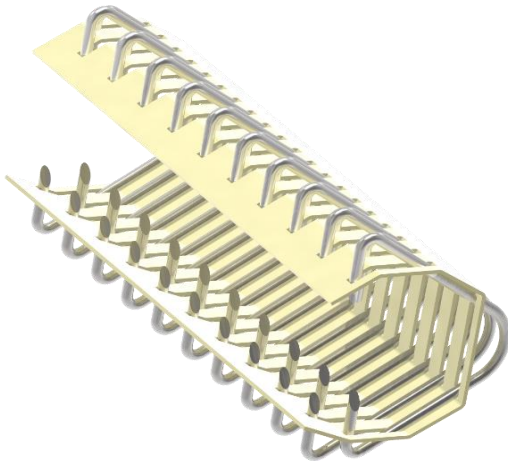
Carded fasteners are recommended when used with troughed belts or crowned pulleys where flexing of the splice occurs.

## Round Wire Fastener Series R30

Pitch 3.67 mm

Carded

These fasteners are 1.40 mm in diameter and can be used for a belt thickness ranging 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.

# Rectangular Wire Fasteners M50

Standard Design, Pitch 1.7 mm, Welded on Barred Wire

| Description                                           | Belt Thickness | Min. Drum Dia. | Order No. | kg |
|-------------------------------------------------------|----------------|----------------|-----------|----|
| <b>Stainless Steel 316L (SS), Strip Length 300 mm</b> |                |                |           |    |
| Box Content : 12 Strips                               |                |                |           |    |

|         |            |       |              |     |
|---------|------------|-------|--------------|-----|
| M51.2SW | 1.6-2.4 mm | 30 mm | 42 704 25 51 | 0.2 |
| M51.2NW | 2.4-3.2 mm | 30 mm | 42 704 25 52 | 0.2 |



- 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

|                                                    |  |  |  |  |
|----------------------------------------------------|--|--|--|--|
| <b>Chromium Steel 430 (S), Strip Length 300 mm</b> |  |  |  |  |
| Box Content : 12 Strips                            |  |  |  |  |

|         |            |       |              |     |
|---------|------------|-------|--------------|-----|
| M51.2SW | 1.6-2.4 mm | 30 mm | 42 703 25 51 | 0.2 |
| M51.2NW | 2.4-3.2 mm | 30 mm | 42 703 25 52 | 0.2 |



- Material: Chromium Steel 430 (1.4016)
- 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

Please see pages 51 -52 for Connecting Pins

# Rectangular Wire Fasteners M60

Standard Design, Pitch 2.54 mm, Welded on Barred Wire

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

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

Box Content : 12 Strips

|        |            |       |              |     |
|--------|------------|-------|--------------|-----|
| M61XSP | 0.8-1.6 mm | 25 mm | 42 704 26 10 | 0.2 |
| M61SP  | 1.6-2.4 mm | 25 mm | 42 704 26 11 | 0.2 |
| M62XSP | 0.8-1.6 mm | 50 mm | 42 704 26 20 | 0.3 |
| M62SP  | 1.6-2.4 mm | 50 mm | 42 704 26 21 | 0.3 |
| M62NP  | 2.4-3.2 mm | 50 mm | 42 704 26 22 | 0.3 |
| M62LP  | 3.2-4.0 mm | 50 mm | 42 704 26 23 | 0.3 |
| M63SP  | 1.6-2.4 mm | 75 mm | 42 704 26 31 | 0.4 |
| M63NP  | 2.4-3.2 mm | 75 mm | 42 704 26 32 | 0.4 |
| M63LP  | 3.2-4.0 mm | 75 mm | 42 704 26 33 | 0.4 |



- 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

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

Box Content : 12 Strips

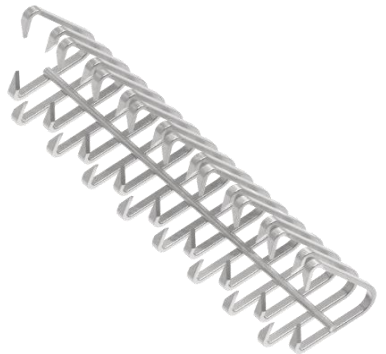
|        |            |       |              |     |
|--------|------------|-------|--------------|-----|
| M61XSP | 0.8-1.6 mm | 25 mm | 42 704 66 10 | 0.5 |
| M61SP  | 1.6-2.4 mm | 25 mm | 42 704 66 11 | 0.5 |
| M62XSP | 0.8-1.6 mm | 50 mm | 42 704 66 20 | 0.6 |
| M62SP  | 1.6-2.4 mm | 50 mm | 42 704 66 21 | 0.6 |
| M62NP  | 2.4-3.2 mm | 50 mm | 42 704 66 22 | 0.6 |
| M62LP  | 3.2-4.0 mm | 50 mm | 42 704 66 23 | 0.6 |
| M63SP  | 1.6-2.4 mm | 75 mm | 42 704 66 31 | 0.8 |
| M63NP  | 2.4-3.2 mm | 75 mm | 42 704 66 32 | 0.8 |
| M63LP  | 3.2-4.0 mm | 75 mm | 42 704 66 33 | 0.8 |

- Barred Fasteners
- Box does not include Connecting Pins

## Chromium Steel 430 (S), Strip Length 300 mm

Box Content : 12 Strips

|        |            |       |              |     |
|--------|------------|-------|--------------|-----|
| M61XSP | 0.8-1.6 mm | 25 mm | 42 703 26 10 | 0.2 |
| M61SP  | 1.6-2.4 mm | 25 mm | 42 703 26 11 | 0.2 |
| M62XSP | 0.8-1.6 mm | 50 mm | 42 703 26 20 | 0.3 |
| M62SP  | 1.6-2.4 mm | 50 mm | 42 703 26 21 | 0.3 |
| M62NP  | 2.4-3.2 mm | 50 mm | 42 703 26 22 | 0.3 |
| M62LP  | 3.2-4.0 mm | 50 mm | 42 703 26 23 | 0.4 |
| M63SP  | 1.6-2.4 mm | 75 mm | 42 703 26 31 | 0.4 |
| M63NP  | 2.4-3.2 mm | 75 mm | 42 703 26 32 | 0.4 |
| M63LP  | 3.2-4.0 mm | 75 mm | 42 703 26 33 | 0.4 |



- Material: Chromium Steel 430 (1.4016)
- Belt Thickness: 0.8 - 4.0 mm
- Pitch: 2.54 mm
- Wire Dimension: 0.9 x 0.7 mm

## Chromium Steel 430 (S), Strip Length 600 mm

Box Content : 12 Strips

|        |            |       |              |     |
|--------|------------|-------|--------------|-----|
| M61XSP | 0.8-1.6 mm | 25 mm | 42 703 66 10 | 0.5 |
| M61SP  | 1.6-2.4 mm | 25 mm | 42 703 66 11 | 0.5 |
| M62XSP | 0.8-1.6 mm | 50 mm | 42 703 66 20 | 0.6 |
| M62SP  | 1.6-2.4 mm | 50 mm | 42 703 66 21 | 0.6 |
| M62NP  | 2.4-3.2 mm | 50 mm | 42 703 66 22 | 0.6 |
| M62LP  | 3.2-4.0 mm | 50 mm | 42 703 66 23 | 0.6 |
| M63SP  | 1.6-2.4 mm | 75 mm | 42 703 66 31 | 0.8 |
| M63NP  | 2.4-3.2 mm | 75 mm | 42 703 66 32 | 0.8 |
| M63LP  | 3.2-4.0 mm | 75 mm | 42 703 66 33 | 0.8 |

- Barred Fasteners
- Box does not include Connecting Pins

Please see pages 51 -52 for Connecting Pins

## Low Profile Fasteners M60L

Extra Flat Design, Pitch 2.54 mm, Welded on Barred Wire

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

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

Box Content : 12 Strips

|         |            |       |              |     |
|---------|------------|-------|--------------|-----|
| M61LXSP | 0.8-1.6 mm | 25 mm | 42 714 26 10 | 0.2 |
| M61LSP  | 1.6-2.4 mm | 25 mm | 42 714 26 11 | 0.2 |
| M62LXSP | 0.8-1.6 mm | 50 mm | 42 714 26 20 | 0.2 |
| M62LSP  | 1.6-2.4 mm | 50 mm | 42 714 26 21 | 0.2 |
| M62LNP  | 2.4-3.2 mm | 50 mm | 42 714 26 22 | 0.2 |



### Chromium Steel 430 (S), Strip Length 300 mm

Box Content : 12 Strips

|         |            |       |              |     |
|---------|------------|-------|--------------|-----|
| M61LXSP | 0.8-1.6 mm | 25 mm | 42 713 26 10 | 0.2 |
| M61LSP  | 1.6-2.4 mm | 25 mm | 42 713 26 11 | 0.2 |
| M62LXSP | 0.8-1.6 mm | 50 mm | 42 713 26 20 | 0.2 |
| M62LSP  | 1.6-2.4 mm | 50 mm | 42 713 26 21 | 0.2 |
| M62LNP  | 2.4-3.2 mm | 50 mm | 42 713 26 22 | 0.2 |

- Material: Stainless Steel 316L (1.4404)  
Chromium Steel 430 (1.4016)
- Belt Thickness: 0.8 - 3.2 mm
- Pitch: 2.54 mm
- Wire Dimension: 0.9 x 0.5 mm
- Barred Fasteners
- Box does not include Connecting Pins

## Rectangular Wire Fasteners M70

Pitch 3.175 mm, Welded on Barred Wire

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

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

Box Content : 12 Strips

|        |            |        |              |     |
|--------|------------|--------|--------------|-----|
| M74XSW | 2.0-3.0 mm | 100 mm | 42 754 27 90 | 0.6 |
| M74SW  | 3.0-4.0 mm | 100 mm | 42 754 27 91 | 0.6 |
| M74NW  | 4.0-5.0 mm | 100 mm | 42 754 27 92 | 0.6 |



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

Box Content : 10 Strips

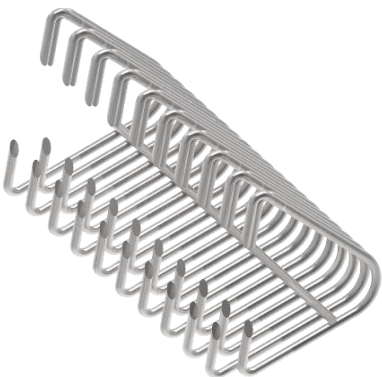
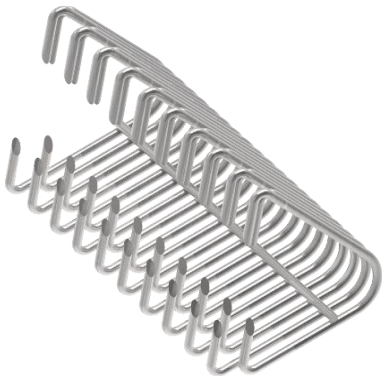
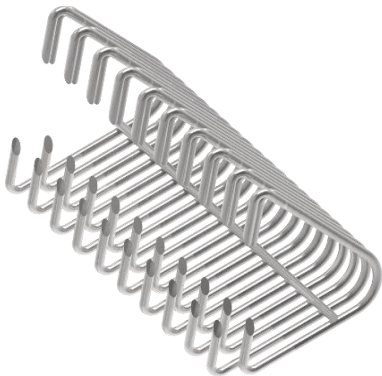
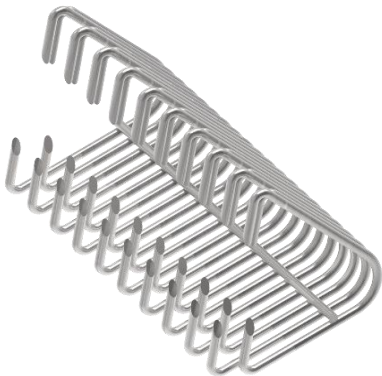
|        |            |        |              |     |
|--------|------------|--------|--------------|-----|
| M74XSW | 2.0-3.0 mm | 100 mm | 42 754 57 90 | 0.9 |
| M74SW  | 3.0-4.0 mm | 100 mm | 42 754 57 91 | 0.9 |
| M74NW  | 4.0-5.0 mm | 100 mm | 42 754 57 92 | 0.9 |

- 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

Please see pages 51 -52 for Connecting Pins

# Round Wire Fasteners R70

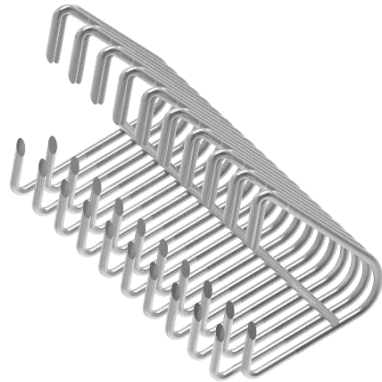
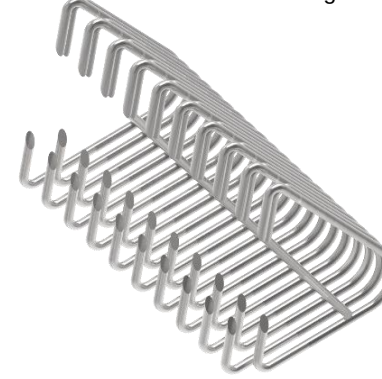
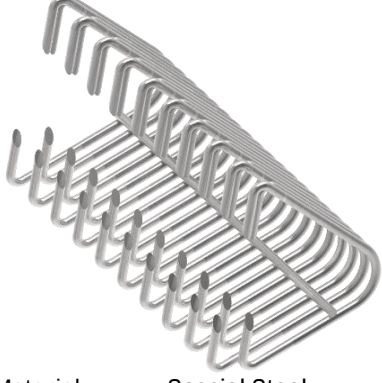
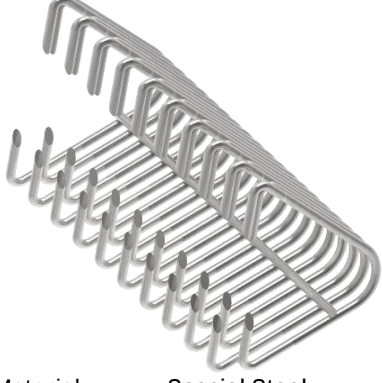
Standard Design, Pitch 3.175 mm, Welded on Barred Wire

| Description                                           | Belt Thickness | Min. Drum Dia. | Order No.    | kg  |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------|----------------|----------------|--------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stainless Steel 316L (SS), Strip Length 300 mm</b> |                |                |              |     |                                                                                                                                                                                                                                                             |
| Box Content : 12 Strips                               |                |                |              |     |                                                                                                                                                                                                                                                             |
| R72SW                                                 | 2.0-3.0 mm     | 50 mm          | 42 704 17 21 | 0.3 |                                                                                                                                                                           |
| R72NW                                                 | 3.0-4.0 mm     | 50 mm          | 42 704 17 22 | 0.4 |                                                                                                                                                                                                                                                             |
| R73LSW                                                | 2.0-3.0 mm     | 75 mm          | 42 774 27 31 | 0.4 |                                                                                                                                                                                                                                                             |
| R73LNW                                                | 3.0-4.0 mm     | 75 mm          | 42 774 27 32 | 0.5 |                                                                                                                                                                                                                                                             |
| R73LLW                                                | 4.0-5.0 mm     | 75 mm          | 42 774 27 33 | 0.5 |                                                                                                                                                                                                                                                             |
| <b>Stainless Steel 316L (SS), Strip Length 600 mm</b> |                |                |              |     |                                                                                                                                                                                                                                                             |
| Box Content : 10 Strips                               |                |                |              |     |                                                                                                                                                                                                                                                             |
| R72SW                                                 | 2.0-3.0 mm     | 50 mm          | 42 704 57 21 | 0.6 |                                                                                                                                                                         |
| R72NW                                                 | 3.0-4.0 mm     | 50 mm          | 42 704 57 22 | 0.6 |                                                                                                                                                                                                                                                             |
| R73LSW                                                | 2.0-3.0 mm     | 75 mm          | 42 774 57 31 | 0.8 |                                                                                                                                                                                                                                                             |
| R73LNW                                                | 3.0-4.0 mm     | 75 mm          | 42 774 57 32 | 0.8 |                                                                                                                                                                                                                                                             |
| R73LLW                                                | 4.0-5.0 mm     | 75 mm          | 42 774 57 33 | 0.8 |                                                                                                                                                                                                                                                             |
|                                                       |                |                |              |     | <ul style="list-style-type: none"> <li>- Material: Stainless Steel 316L (1.4404)</li> <li>- Belt Thickness: 2.0 - 4.0 mm</li> <li>- Pitch: 3.175 mm</li> <li>- R72 = Wire Diameter 1.0 mm</li> <li>- R73 = flattened round wire 0.9x1,05 mm</li> </ul>      |
|                                                       |                |                |              |     | <ul style="list-style-type: none"> <li>- Barred Fasteners</li> <li>- Box does not include Connecting Pins</li> </ul>                                                                                                                                        |
| <b>Chromium Steel 430 (S), Strip Length 300 mm</b>    |                |                |              |     |                                                                                                                                                                                                                                                             |
| Box Content : 12 Strips                               |                |                |              |     |                                                                                                                                                                                                                                                             |
| R72SW                                                 | 2.0-3.0 mm     | 50 mm          | 42 703 17 21 | 0.3 |                                                                                                                                                                         |
| R72NW                                                 | 3.0-4.0 mm     | 50 mm          | 42 703 17 22 | 0.4 |                                                                                                                                                                                                                                                             |
| R73LSW                                                | 2.0-3.0 mm     | 75 mm          | 42 773 27 31 | 0.4 |                                                                                                                                                                                                                                                             |
| R73LNW                                                | 3.0-4.0 mm     | 75 mm          | 42 773 27 32 | 0.5 |                                                                                                                                                                                                                                                             |
| R73LLW                                                | 4.0-5.0 mm     | 75 mm          | 42 773 27 33 | 0.5 |                                                                                                                                                                                                                                                             |
| <b>Chromium Steel 430 (S), Strip Length 600 mm</b>    |                |                |              |     |                                                                                                                                                                                                                                                             |
| Box Content : 10 Strips                               |                |                |              |     |                                                                                                                                                                                                                                                             |
| R72SW                                                 | 2.0-3.0 mm     | 50 mm          | 42 703 57 21 | 0.6 |                                                                                                                                                                         |
| R72NW                                                 | 3.0-4.0 mm     | 50 mm          | 42 703 57 22 | 0.6 |                                                                                                                                                                                                                                                             |
| R73LSW                                                | 2.0-3.0 mm     | 75 mm          | 42 773 57 31 | 0.8 |                                                                                                                                                                                                                                                             |
| R73LNW                                                | 3.0-4.0 mm     | 75 mm          | 42 773 57 32 | 0.8 |                                                                                                                                                                                                                                                             |
| R73LLW                                                | 4.0-5.0 mm     | 75 mm          | 42 773 57 33 | 0.8 |                                                                                                                                                                                                                                                             |
|                                                       |                |                |              |     | <ul style="list-style-type: none"> <li>- <b>Material:</b> Chromium Steel 430 (1.4016)</li> <li>- Belt Thickness: 2.0 - 4.0 mm</li> <li>- Pitch: 3.175 mm</li> <li>- R72 = Wire Diameter 1.0 mm</li> <li>- R73 = flattened round wire 0.9x1,05 mm</li> </ul> |
|                                                       |                |                |              |     | <ul style="list-style-type: none"> <li>- Barred Fasteners</li> <li>- Box does not include Connecting Pins</li> </ul>                                                                                                                                        |

Please see pages 51 -52 for Connecting Pins

# Round Wire Fasteners R80

Standard Design, Pitch 3.67 mm, Welded on Barred Wire

| Description                                    | Belt Thickness | Min. Drum Dia. | Order No.    | kg  |                                                                                       |                                           |
|------------------------------------------------|----------------|----------------|--------------|-----|---------------------------------------------------------------------------------------|-------------------------------------------|
| Stainless Steel 316L (SS), Strip Length 300 mm |                |                |              |     |    |                                           |
| Box Content : 12 Strips                        |                |                |              |     |                                                                                       |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 704 18 22 | 0.5 |                                                                                       |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 704 18 32 | 0.6 |                                                                                       |                                           |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 704 18 42 | 0.7 |                                                                                       |                                           |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 704 18 52 | 0.8 |                                                                                       |                                           |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 704 18 62 | 0.9 |                                                                                       |                                           |
| Stainless Steel 316L (SS) Strip Length 600 mm  |                |                |              |     |   |                                           |
| Box Content : 10 Strips                        |                |                |              |     |                                                                                       |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 704 58 29 | 1.0 |                                                                                       |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 704 58 32 | 1.2 |                                                                                       | - Material: Stainless Steel 316L (1.4404) |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 704 58 42 | 1.4 |                                                                                       | - Belt Thickness: 3.0 - 9.0 mm            |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 704 58 52 | 1.6 |                                                                                       | - Pitch: 3.67 mm                          |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 704 58 62 | 1.8 |                                                                                       | - Wire Diameter: 1.4 mm                   |
| Chromium Steel 430 (S), Strip Length 300 mm    |                |                |              |     | - Barred Fasteners                                                                    |                                           |
| Box Content : 12 Strips                        |                |                |              |     | - Box does not include Connecting Pins                                                |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 703 18 22 | 0.5 |  |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 703 18 32 | 0.6 |                                                                                       |                                           |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 703 18 42 | 0.7 |                                                                                       |                                           |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 703 18 52 | 0.8 |                                                                                       |                                           |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 703 18 62 | 0.9 |                                                                                       |                                           |
| Chromium Steel 430 (S), Strip Length 600 mm    |                |                |              |     |                                                                                       |                                           |
| Box Content : 10 Strips                        |                |                |              |     |                                                                                       |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 703 58 22 | 1.0 | - Material: Stainless Chromium Steel 1.4016 (S)                                       |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 703 58 32 | 1.2 | - Belt Thickness: 3.0 - 9.0 mm                                                        |                                           |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 703 58 42 | 1.4 | - Pitch: 3.67 mm                                                                      |                                           |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 703 58 52 | 1.6 | - Wire Diameter: 1.4 mm                                                               |                                           |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 703 58 62 | 1.8 | - Barred Fasteners                                                                    |                                           |
| Special Steel (C), Strip Length 300 mm         |                |                |              |     | - Box does not include Connecting Pins                                                |                                           |
| Box Content : 12 Strips                        |                |                |              |     |  |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 707 18 22 | 0.6 |                                                                                       |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 707 18 32 | 0.7 |                                                                                       |                                           |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 707 18 42 | 0.8 |                                                                                       |                                           |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 707 18 52 | 0.9 |                                                                                       |                                           |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 707 18 62 | 1.0 |                                                                                       |                                           |
| Special Steel (C), Strip Length 600 mm         |                |                |              |     |                                                                                       |                                           |
| Box Content : 10 Strips                        |                |                |              |     |                                                                                       |                                           |
| R82                                            | 3.0-4.0 mm     | 50 mm          | 42 707 58 22 | 1.0 | - Material: Special Steel                                                             |                                           |
| R83                                            | 4.0-5.0 mm     | 75 mm          | 42 707 58 32 | 1.2 | - Belt Thickness: 3.0 - 9.0 mm                                                        |                                           |
| R84                                            | 5.0-6.0 mm     | 100 mm         | 42 707 58 42 | 1.4 | - Pitch: 3.67 mm                                                                      |                                           |
| R85                                            | 6.0-8.0 mm     | 125 mm         | 42 707 58 52 | 1.6 | - Wire Diameter: 1.4 mm                                                               |                                           |
| R86                                            | 8.0-9.0 mm     | 150 mm         | 42 707 58 62 | 1.8 | - Barred Fasteners                                                                    |                                           |
| Please see pages 51 -52 for Connecting Pins    |                |                |              |     | - Box does not include Connecting Pins                                                |                                           |

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

- Barred Fasteners  
 - Box does not include Connecting Pins

- Material: Stainless Chromium Steel 1.4016 (S)  
 - Belt Thickness: 3.0 - 9.0 mm  
 - Pitch: 3.67 mm  
 - Wire Diameter: 1.4 mm

- Barred Fasteners  
 - Box does not include Connecting Pins

- 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

Please see pages 51 -52 for Connecting Pins

# Round Wire Fasteners R20

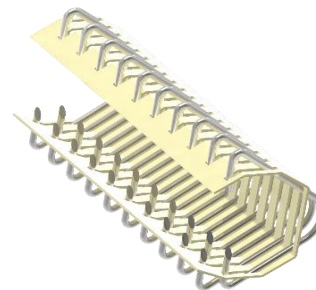
Standard Design, Pitch 3.175 mm, Carded

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

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

Box Content : 12 Strips

|       |            |       |              |     |
|-------|------------|-------|--------------|-----|
| R22SP | 2.0-3.0 mm | 50 mm | 42 104 22 21 | 0.3 |
| R22NP | 3.0-4.0 mm | 50 mm | 42 104 22 22 | 0.3 |
| R23SP | 2.0-3.0 mm | 75 mm | 42 104 22 31 | 0.4 |
| R23NP | 3.0-4.0 mm | 75 mm | 42 104 22 32 | 0.4 |



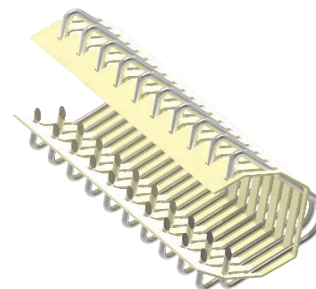
- Material: Stainless Steel 316L (1.4404)
- Belt Thickness: 2.0 - 4.0 mm
- Pitch: 3.175 mm
- Wire Diameter: 1.0 mm

- Carded
- Box does not include Connecting Pins

## Chromium Steel 430 (S), Strip Length 300 mm

Box Content : 12 Strips

|       |            |       |              |     |
|-------|------------|-------|--------------|-----|
| R22SP | 2.0-3.0 mm | 50 mm | 42 103 22 21 | 0.3 |
| R22NP | 3.0-4.0 mm | 50 mm | 42 103 22 22 | 0.3 |
| R23SP | 2.0-3.0 mm | 75 mm | 42 103 22 31 | 0.4 |
| R23NP | 3.0-4.0 mm | 75 mm | 42 103 22 32 | 0.4 |



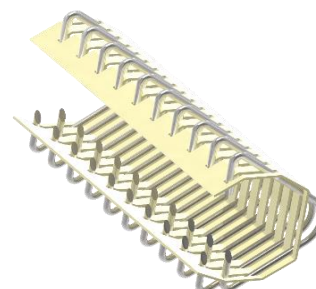
- Material: Chromium Steel 430 (1.4016)
- Belt Thickness: 2.0 - 4.0 mm
- Pitch: 3.175 mm
- Wire Diameter: 1.0 mm

- 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 | 0.3 |
| R22 NP | 3.0-4.0 mm | 50 mm | 42 101 22 22 | 0.3 |
| R23 SP | 2.0-3.0 mm | 75 mm | 42 101 22 31 | 0.4 |
| R23 NP | 3.0-4.0 mm | 75 mm | 42 101 22 32 | 0.4 |



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

- Carded

Please see pages 51 -52 for Connecting Pins

# Round Wire Fasteners R30

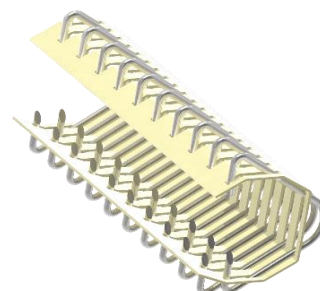
Standard Design, Pitch 3.67 mm, Carded

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

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

Box Content : 12 Strips

|     |            |        |              |     |
|-----|------------|--------|--------------|-----|
| R32 | 3.0-4.0 mm | 50 mm  | 42 104 13 22 | 0.6 |
| R33 | 4.0-5.0 mm | 75 mm  | 42 104 13 32 | 0.6 |
| R34 | 5.0-6.0 mm | 100 mm | 42 104 13 42 | 0.7 |
| R35 | 6.0-8.0 mm | 125 mm | 42 104 13 52 | 0.8 |
| R36 | 8.0-9.0 mm | 150 mm | 42 104 13 62 | 0.9 |



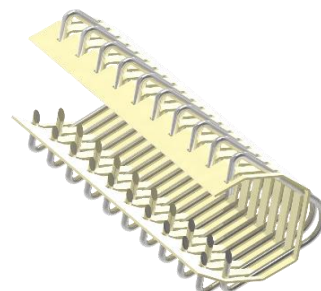
- Material: Stainless Steel 316L (1.4404)
- Belt Thickness: 3.0 - 9.0 mm
- Pitch: 3.67 mm
- Wire Diameter: 1.4 mm

- Carded
- Box does not include Connecting Pins

## Chromium Steel 430 (S), Strip Length 300 mm

Box Content : 12 Strips

|     |            |        |              |     |
|-----|------------|--------|--------------|-----|
| R32 | 3.0-4.0 mm | 50 mm  | 42 103 13 22 | 0.6 |
| R33 | 4.0-5.0 mm | 75 mm  | 42 103 13 32 | 0.6 |
| R34 | 5.0-6.0 mm | 100 mm | 42 103 13 42 | 0.7 |
| R35 | 6.0-8.0 mm | 125 mm | 42 103 13 52 | 0.8 |
| R36 | 8.0-9.0 mm | 150 mm | 42 103 13 62 | 0.9 |



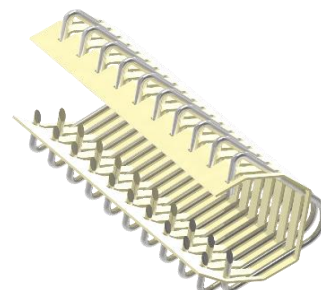
- Material: Chromium Steel 430 (1.4016)
- Belt Thickness: 3.0 - 9.0 mm
- Pitch: 3.67 mm
- Wire Diameter: 1.4 mm

- 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 | 0.6 |
| R33 | 4.0-5.0 mm | 75 mm  | 42 101 13 32 | 0.6 |
| R34 | 5.0-6.0 mm | 100 mm | 42 101 13 42 | 0.7 |
| R35 | 6.0-8.0 mm | 125 mm | 42 101 13 52 | 0.8 |
| R36 | 8.0-9.0 mm | 150 mm | 42 101 13 62 | 0.9 |



- 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

Please see pages 51 -52 for Connecting Pins

| Description                                           | Pitch<br>(mm) | Order No. | kg |
|-------------------------------------------------------|---------------|-----------|----|
| <b>Plier Lacer MZ</b><br>with fixed Fastener Retainer |               |           |    |

|                                   |      |              |     |
|-----------------------------------|------|--------------|-----|
| MZ 50<br>(Max. press width 60 mm) | 1.7  | 42 050 51 51 | 1.6 |
| MZ 60<br>(Max. press width 60 mm) | 2.54 | 42 050 61 63 | 1.6 |



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.

|                                                              |  |  |  |
|--------------------------------------------------------------|--|--|--|
| <b>Lacing Tool MATOLEVER</b><br>with fixed Fastener Retainer |  |  |  |
|--------------------------------------------------------------|--|--|--|

|                                         |      |              |     |
|-----------------------------------------|------|--------------|-----|
| MATOLEVER 50<br>(Max. belt width 60 mm) | 1.7  | 42 480 86 50 | 2.5 |
| MATOLEVER 60<br>(Max. belt width 60 mm) | 2.54 | 42 480 86 60 | 2.5 |

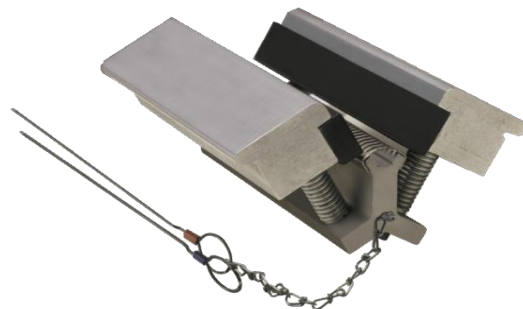


The MATOLEVER 50 and 60, with respective pitches of MATO Fasteners 1.7 mm and 2.54 mm, are designed for easy installation at the laundry machine.

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

### Eco Vice Lacer MA With fixed Fastener Retainer

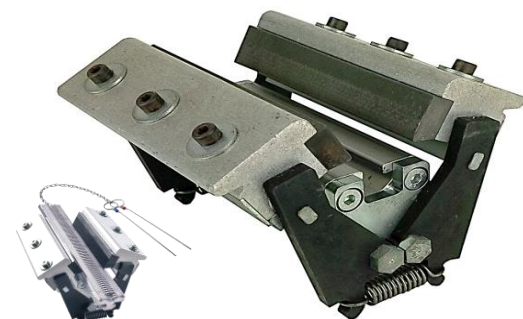
|             |        |       |              |     |
|-------------|--------|-------|--------------|-----|
| MA50-150    | 150 mm | 1.7   | 42 150 50 51 | 1.9 |
| MA60-150    | 150 mm | 2.54  | 42 150 61 63 | 1.9 |
| MA60-200    | 200 mm | 2.54  | 42 200 61 63 | 2.3 |
| MA20/70-150 | 150 mm | 3.175 | 42 150 20 70 | 1.9 |
| MA20/70-200 | 200 mm | 3.175 | 42 200 20 70 | 2.3 |
| MA30/80-150 | 150 mm | 3.67  | 42 150 30 80 | 1.9 |
| MA30/80-200 | 200 mm | 3.67  | 42 200 30 80 | 2.4 |



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.

### Profi Vice Lacer MATOVICE Without Fastener Retainer UNICOMB

|                                           |  |  |              |     |
|-------------------------------------------|--|--|--------------|-----|
| MATOVICE 120<br>(Max. press width 120 mm) |  |  | 42 120 00 00 | 2.3 |
|-------------------------------------------|--|--|--------------|-----|



The patented 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.

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

|                      |       |              |     |
|----------------------|-------|--------------|-----|
| UNICOMB 50-300VH     | 1.7   | 42 480 11 80 | 0.5 |
| UNICOMB 60-300VH     | 2.54  | 42 480 11 50 | 0.5 |
| UNICOMB 20/70-300VH  | 3.175 | 42 480 11 30 | 0.5 |
| UNICOMB 30/80-300VH  | 3.67  | 42 480 11 10 | 0.5 |
| UNICOMB 35/85-300VH  | 3.67  | 42 480 11 20 | 0.5 |
| UNICOMB D70/71-300VH | 4     | 42 480 10 60 | 0.5 |
| UNICOMB D72/73-300VH | 4     | 42 480 10 70 | 0.5 |

Note :

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

UNICOMB 35/85 for Belt Fastener R35, R36, R85, M74

UNICOMB D70/71 and D72/73 for Belt Fastener D70, D71, D72, D73 (see page 67)



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

| Description                                        | Comb Width | Pitch (mm) | Order No. | kg |
|----------------------------------------------------|------------|------------|-----------|----|
| <b>Lacing Tool MATOROLL</b>                        |            |            |           |    |
| Without Fastener Retainer (Universal Comb UNICOMB) |            |            |           |    |

|                       |  |  |              |      |
|-----------------------|--|--|--------------|------|
| MATOROLL 600          |  |  | 42 280 20 00 | 14.2 |
| for comb width 600mm  |  |  |              |      |
| MATOROLL 1000         |  |  | 42 280 50 00 | 20.2 |
| for comb width 1000mm |  |  |              |      |
| MATOROLL 1500         |  |  | 42 280 00 00 | 27.7 |
| for comb width 1500mm |  |  |              |      |

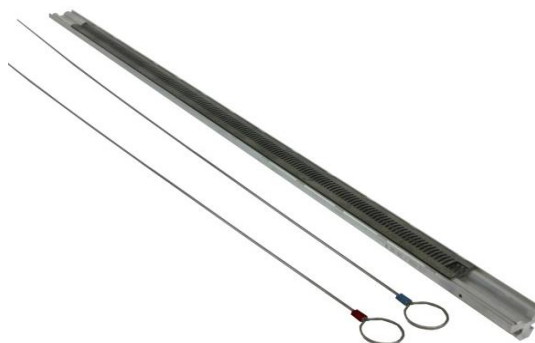


The MATOROLL Lacer installs the fasteners by applying the installation pressure in stages until the fastener is fully embedded. Choice of combs are available, purchased separately.

### Fastener Comb UNICOMB RH for Lacing Tool MATOROLL

Comb Width 600 mm

|                      |       |  |              |     |
|----------------------|-------|--|--------------|-----|
| UNICOMB 50-600RH     | 1.7   |  | 42 480 21 80 | 0.9 |
| UNICOMB 60-600RH     | 2.54  |  | 42 480 21 50 | 0.9 |
| UNICOMB 20/70-600RH  | 3.175 |  | 42 480 21 30 | 0.9 |
| UNICOMB 30/80-600RH  | 3.67  |  | 42 480 21 10 | 0.9 |
| UNICOMB 35/85-600RH  | 3.67  |  | 42 480 21 20 | 0.9 |
| UNICOMB D70/71-600RH | 4     |  | 42 480 30 60 | 0.9 |
| UNICOMB D72/73-600RH | 4     |  | 42 480 30 70 | 0.9 |



### Comb Width 1000 mm

|                       |       |  |              |     |
|-----------------------|-------|--|--------------|-----|
| UNICOMB 50-1000RH     | 1.7   |  | 42 480 41 80 | 1.5 |
| UNICOMB 60-1000RH     | 2.54  |  | 42 480 41 50 | 1.5 |
| UNICOMB 20/70-1000RH  | 3.175 |  | 42 480 41 30 | 1.5 |
| UNICOMB 30/80-1000RH  | 3.67  |  | 42 480 41 10 | 1.5 |
| UNICOMB 35/85-1000RH  | 3.67  |  | 42 480 41 20 | 1.5 |
| UNICOMB D70/71-1000RH | 4     |  | 42 480 51 60 | 1.5 |
| UNICOMB D72/73-1000RH | 4     |  | 42 480 51 70 | 1.5 |

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

### Comb Width 1500 mm

|                       |       |  |              |     |
|-----------------------|-------|--|--------------|-----|
| UNICOMB 50-1500RH     | 1.7   |  | 42 480 61 80 | 2.2 |
| UNICOMB 60-1500RH     | 2.54  |  | 42 480 61 50 | 2.2 |
| UNICOMB 20/70-1500RH  | 3.175 |  | 42 480 61 30 | 2.2 |
| UNICOMB 30/80-1500RH  | 3.67  |  | 42 480 61 10 | 2.2 |
| UNICOMB 35/85-1500RH  | 3.67  |  | 42 480 61 20 | 2.2 |
| UNICOMB D70/71-1500RH | 4     |  | 42 480 60 60 | 0.5 |
| UNICOMB D72/73-1500RH | 4     |  | 42 480 60 70 | 0.5 |

#### Note :

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

UNICOMB 35/85 for Belt Fastener  
R35, R36, R85, R86, M74

UNICOMB D70/71 and D72/73  
for Belt Fastener D70, D71, D72, D73  
(see page 67)

| Description                     | Comb Width | Order No. | kg |
|---------------------------------|------------|-----------|----|
| Hydraulic Installation Machines |            |           |    |

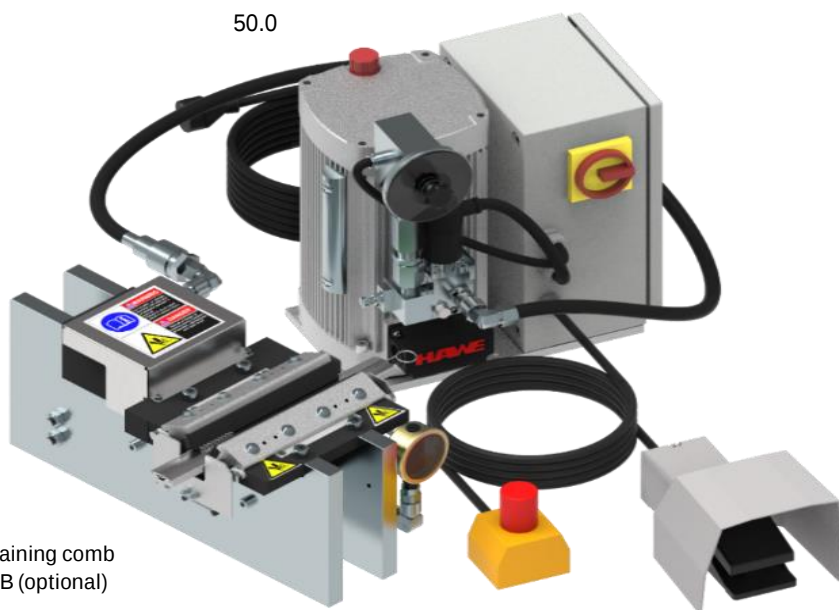
Hydr. Installation Machine 200M-1      42 200 00 24      50.0  
 400V / 50Hz / 3Phases  
 1,17 l/min, 500 bar

Hydr. Installation Machine 200M-2      42 200 00 25      50.0  
 230V / 60Hz / 3Phases  
 1,17 l/min, 500 bar

Hydr. Installation Machine 200M-3      42 200 00 26      50.0  
 230V / 50Hz / 1Phase  
 0,8 l/min, 500 bar

Hydraulic Power Unit PA 200-...

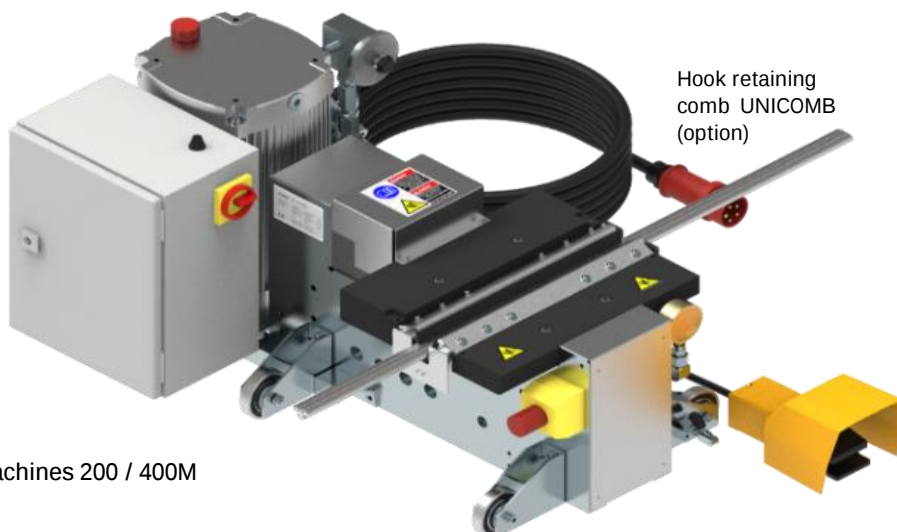
Hook retaining comb  
 UNICOMB (optional)



Hydr. Installation Machine 400M-1      42 200 00 27      250.0  
 3,2 l/min, 400V / 50Hz / 3Phases  
 500 bar

The hydraulic installation machines 200 / 400M are used for high-quality and economical patch splices. All belt widths can be processed with these machines, if necessary by repeated application. Installation Machines with program control (touch screen) are also available on request.

Hook retaining comb UNICOMB (option)



Hook retaining combs UNICOMB for Installation Machines 200 / 400M  
 see page 48 / 49

## Selection Chart

### Connecting Pins for Wire Systems M + R

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        | R22SP    | R22NP    |          |              |          |          |
| M51.2NW        | R23SP    | R23NP    |          |              |          |          |
| M61LXSP        | M62NP    |          |          |              |          |          |
| M61XSP         | M62LP    |          |          |              |          |          |
| M61LSP         | M62LNP   |          |          |              |          |          |
| M61SP          |          | R32      | R33      | R34          | R35      | R36      |
| M62LXSP        | R72SW    | R72NW    |          |              |          |          |
| M62XSP         |          |          |          |              |          |          |
| M62LSP         | R73LSW   | R73LNP   |          |              |          |          |
| M62SP          |          | R73LLW   |          |              |          |          |
|                | M63NP    |          |          |              |          |          |
|                | M63LP    |          |          |              |          |          |
|                |          | M74NW    |          |              |          |          |
| M74XSW         | M74SW    | M74LW    |          |              |          |          |
|                |          | R82      | R83      | R84          | R85      | R86      |
| Connecting Pin |          |          |          |              |          |          |
| MK15...        | MK18...  | MK20...  | MK25...  | MK30...      | MK35...  | MK40...  |
| 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 1,7 mm       | Ø 2,0 mm | Ø 2,6 mm |          | 2,6 x 3,6 mm |          |          |

#### Choosing the Connecting Pin Type

| Verbindestabtyp                                                                                                    | Kurzform | Pin Wear Properties | Fastener Wear Properties | Chemical Resistency | Temperature Consistency | Magnetic | Flexibility |
|--------------------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------|---------------------|-------------------------|----------|-------------|
|  Nyl.ummantelter Federstahldraht | NST      | ●●●●●               | ●●●●●                    | ●●○○○               | ●●○○○                   | stark    | ●●●●○       |
|  Nyl.ummantelter Edelstahldraht  | NSS      | ●●●●●               | ●●●●●                    | ●●●●○               | ●●○○○                   | schwach  | ●●●●○       |
|  Nylonrundmaterial               | NY       | ●●●●●               | ●●●●●                    | ●●●●●               | ●●○○○                   | nicht    | ●●●●●       |
|  Nyl.rundmaterial, geprägt       | NYN      | ●●●●●               | ●●●●●                    | ●●●●●               | ●●○○○                   | nicht    | ●●●●●       |
|  Edelstahldraht                  | WSS      | ●●●○○               | ●●●○○                    | ●●●●○               | ●●●●●                   | schwach  | ●○○○○       |
|  Edelstahldraht, geprägt         | WSSN     | ●●●●●               | ●●●○○                    | ●●●●○               | ●●●●●                   | schwach  | ●○○○○       |
|  Nyl.ummanteltes Stahldrahtseil  | NC       | ●●●●●               | ●●●●●                    | ●●●○○               | ●●○○○                   | stark    | ●●●●○       |
|  Nyl.ummanteltes Edelstahlseil   | NCS      | ●●●●●               | ●●●●●                    | ●●●●○               | ●●○○○                   | schwach  | ●●●●○       |
|  PEEK-Rundmaterial               | PE*      | ●●●●●               | ●●●●●                    | ●●●●●               | ●●●●○                   | nicht    | ●●●●●       |
|  PEEK-Rd., geprägt               | PEN*     | ●●●●●               | ●●●●●                    | ●●●●●               | ●●●●○                   | nicht    | ●●●●●       |

poor ○○○○○

excellent ●●●●●

\* upon request resp. see page 33

# Connecting Pin MK

for Wire Systems M and R

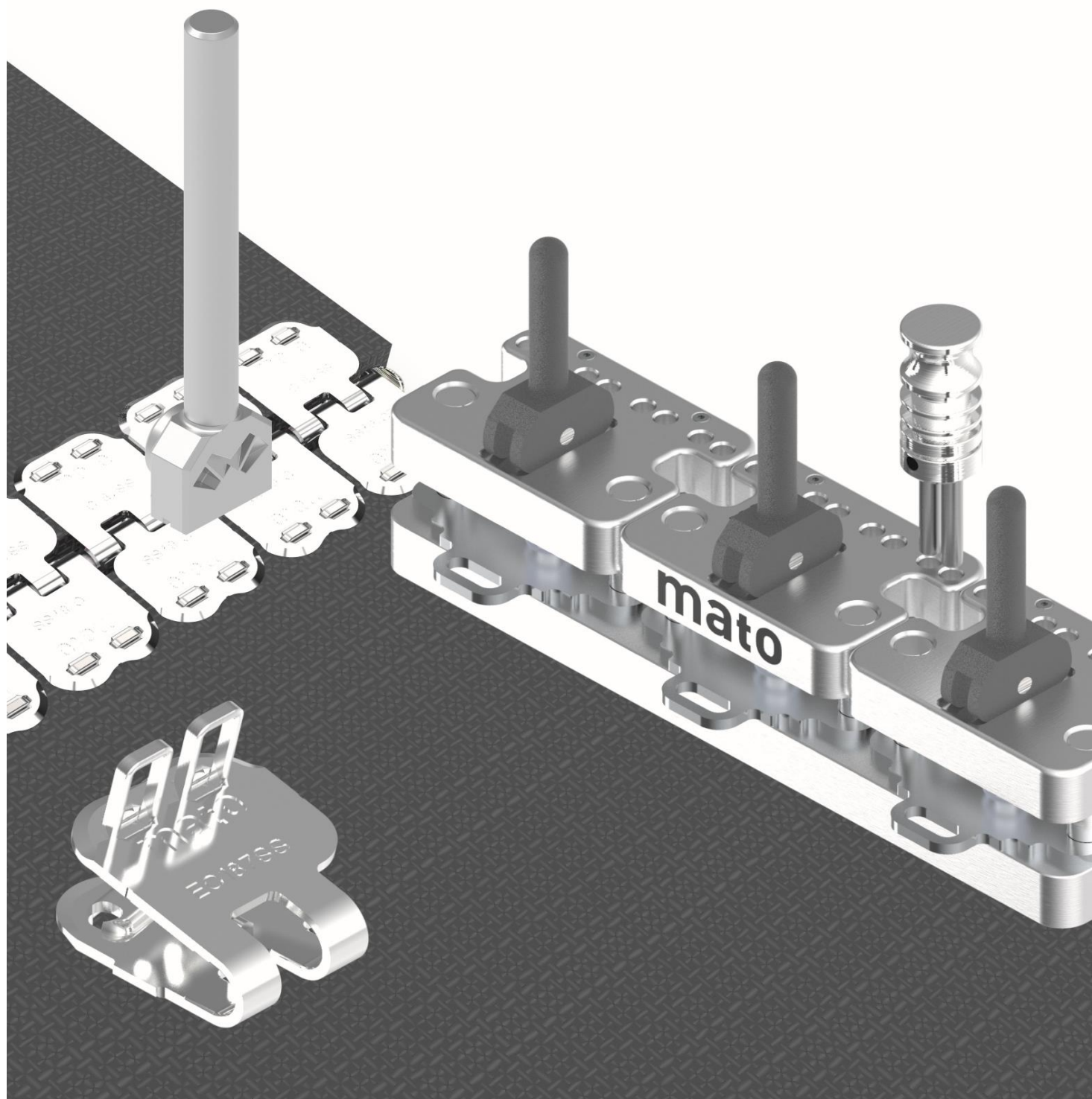
| Description                                           | Pin Dia.<br>(mm) | Order No.    | kg  |
|-------------------------------------------------------|------------------|--------------|-----|
| <b>Connecting Pins MK - Nylon Steel NST</b>           |                  |              |     |
| MK15 NST                                              | 1.5              | 42 501 01 50 | 0.3 |
| MK18 NST                                              | 1.8              | 42 501 01 80 | 0.3 |
| MK20 NST                                              | 2.0              | 42 501 02 00 | 0.3 |
| MK25 NST                                              | 2.5              | 42 501 02 50 | 0.6 |
| MK30 NST                                              | 3.0              | 42 501 03 00 | 0.9 |
| MK35 NST                                              | 3.5              | 42 501 03 50 | 1.0 |
| MK40 NST                                              | 4.0              | 42 501 04 00 | 1.2 |
| <b>Connecting Pins MK - Nylon Stainless NSS</b>       |                  |              |     |
| MK15 NSS                                              | 1.5              | 42 502 01 50 | 0.3 |
| MK18 NSS                                              | 1.8              | 42 502 01 80 | 0.3 |
| MK20 NSS                                              | 2.0              | 42 502 02 00 | 0.3 |
| MK25 NSS                                              | 2.5              | 42 502 02 50 | 0.6 |
| MK30 NSS                                              | 3.0              | 42 502 03 00 | 0.9 |
| MK35 NSS                                              | 3.5              | 42 502 03 50 | 1.0 |
| MK40 NSS                                              | 4.0              | 42 502 04 00 | 1.2 |
| <b>Connecting Pins MK - Solid Nylon NY</b>            |                  |              |     |
| MK15 NY                                               | 1.5              | 42 503 01 50 | 0.1 |
| MK18 NY                                               | 1.8              | 42 503 01 80 | 0.1 |
| MK20 NY                                               | 2.0              | 42 503 02 00 | 0.1 |
| MK25 NY                                               | 2.5              | 42 503 02 50 | 0.2 |
| MK30 NY                                               | 3.0              | 42 503 03 00 | 0.2 |
| MK35 NY                                               | 3.5              | 42 503 03 50 | 0.3 |
| MK40 NY                                               | 4.0              | 42 503 04 00 | 0.4 |
| <b>Connecting Pins MK - Nylon Cable NC</b>            |                  |              |     |
| MK15 NC                                               | 1.5              | 42 504 01 50 | 0.2 |
| MK18 NC                                               | 1.8              | 42 504 01 80 | 0.2 |
| MK20 NC                                               | 2.0              | 42 504 02 00 | 0.3 |
| MK25 NC                                               | 2.5              | 42 504 02 50 | 0.4 |
| MK30 NC                                               | 3.0              | 42 504 03 00 | 0.7 |
| <b>Connecting Pins MK - Nylon Cable Stainless NCS</b> |                  |              |     |
| MK15 NCS                                              | 1.5              | 42 505 01 50 | 0.2 |
| MK20 NCS                                              | 2.0              | 42 505 02 00 | 0.3 |
| MK25 NCS                                              | 2.5              | 42 505 02 50 | 0.4 |
| MK30 NCS                                              | 3.0              | 42 505 03 00 | 0.7 |
| MK35 NCS                                              | 3.5              | 42 505 03 50 | 0.7 |
| MK40 NCS                                              | 4.0              | 42 505 04 00 | 0.8 |
| <b>Connecting Pins MK - Wire Stainless WSS</b>        |                  |              |     |
| MK15 WSS                                              | 1.5              | 42 507 01 50 | 0.4 |
| MK18 WSS                                              | 1.8              | 42 507 01 80 | 0.6 |
| MK20 WSS                                              | 2.0              | 42 507 02 00 | 0.7 |
| MK25 WSS                                              | 2.5              | 42 507 02 50 | 1.2 |

Connecting Pins MK - 30 Meter Coil



Other sizes in different materials are available on request.  
See page 33.

# mato



| Description | Belt-thickness | Order No. |
|-------------|----------------|-----------|
|-------------|----------------|-----------|

**Belt Fastener EC62G with Connecting ECP62NC**  
 Belt Strength up to 200 kN/m, Minimum Pulley Diameter 50 mm  
 Galvanized Steel Fasteners- G, Nylon Covered Steel Cable Pins NC

|                    |         |           |
|--------------------|---------|-----------|
| EC62G-300NC        | 1.5-3.2 | 38 002 08 |
| EC62G-400NC        | 1.5-3.2 | 38 002 15 |
| EC62G-450NC        | 1.5-3.2 | 38 002 22 |
| EC62G-500NC        | 1.5-3.2 | 38 002 39 |
| EC62G-600NC        | 1.5-3.2 | 38 002 46 |
| EC62G-750NC        | 1.5-3.2 | 38 002 53 |
| EC62G-800NC        | 1.5-3.2 | 38 002 60 |
| EC62G-900NC        | 1.5-3.2 | 38 002 77 |
| EC62G-1000NC       | 1.5-3.2 | 38 002 84 |
| EC62G-1050NC       | 1.5-3.2 | 38 002 91 |
| EC62G-1200NC       | 1.5-3.2 | 38 003 07 |
| EC62G-1500NC       | 1.5-3.2 | 38 003 14 |
| EC62G-1200/bulk50* | 1.5-3.2 | 38 003 52 |
| EC62G-1500/bulk50* | 1.5-3.2 | 38 003 69 |
| EC62G-1800/bulk50* | 1.5-3.2 | 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 Diameter 50 mm  
 Galvanized Steel Fasteners - G, Steel Spring Wire Pin - SP

|              |         |           |
|--------------|---------|-----------|
| EC62G-300SP  | 1.5-3.2 | 38 003 90 |
| EC62G-450SP  | 1.5-3.2 | 38 004 06 |
| EC62G-500SP  | 1.5-3.2 | 38 004 13 |
| EC62G-600SP  | 1.5-3.2 | 38 004 37 |
| EC62G-750SP  | 1.5-3.2 | 38 004 44 |
| EC62G-900SP  | 1.5-3.2 | 38 004 51 |
| EC62G-1000SP | 1.5-3.2 | 38 004 75 |
| EC62G-1050SP | 1.5-3.2 | 38 004 82 |
| EC62G-1200SP | 1.5-3.2 | 38 005 05 |
| EC62G-1500SP | 1.5-3.2 | 38 005 12 |

Box content:

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



| Description | Belt-thickness | Order No. |
|-------------|----------------|-----------|
|-------------|----------------|-----------|

**Belt Fastener EC125G with Connecting Pin ECP125NC**  
 Belt Strength up to 315 kN/m, Minimum Pulley Diameter 75mm  
 Galvanized Steel Fasteners- G, Nylon Covered Steel Cable Pins NC

|                     |         |           |
|---------------------|---------|-----------|
| EC125G-100NC**      | 3.2-4.8 | 38 010 07 |
| EC125G-250NC        | 3.2-4.8 | 38 010 14 |
| EC125G-300NC        | 3.2-4.8 | 38 010 21 |
| EC125G-350NC        | 3.2-4.8 | 38 010 38 |
| EC125G-400NC        | 3.2-4.8 | 38 010 45 |
| EC125G-450NC        | 3.2-4.8 | 38 010 52 |
| EC125G-500NC        | 3.2-4.8 | 38 010 69 |
| EC125G-600NC        | 3.2-4.8 | 38 007 03 |
| EC125G-750NC        | 3.2-4.8 | 38 010 76 |
| EC125G-800NC        | 3.2-4.8 | 38 010 83 |
| EC125G-900NC        | 3.2-4.8 | 38 007 34 |
| EC125G-1000NC       | 3.2-4.8 | 38 011 06 |
| EC125G-1050NC       | 3.2-4.8 | 38 011 13 |
| EC125G-1200NC       | 3.2-4.8 | 38 011 37 |
| EC125G-1500NC       | 3.2-4.8 | 38 011 44 |
|                     |         |           |
| EC125G-1200/bulk50* | 3.2-4.8 | 38 011 51 |
| EC125G-1500/bulk50* | 3.2-4.8 | 38 011 68 |
| EC125G-1800/bulk50* | 3.2-4.8 | 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 Diameter 75mm  
 Galvanized Steel Fasteners- G, Steel Spring Wire Pin - SP

|               |         |           |
|---------------|---------|-----------|
| EC125G-400SP  | 3.2-4.8 | 38 012 05 |
| EC125G-450SP  | 3.2-4.8 | 38 012 12 |
| EC125G-500SP  | 3.2-4.8 | 38 012 36 |
| EC125G-600SP  | 3.2-4.8 | 38 012 43 |
| EC125G-750SP  | 3.2-4.8 | 38 012 50 |
| EC125G-800SP  | 3.2-4.8 | 38 012 67 |
| EC125G-900SP  | 3.2-4.8 | 38 012 74 |
| EC125G-1000SP | 3.2-4.8 | 38 012 81 |
| EC125G-1050SP | 3.2-4.8 | 38 013 04 |
| EC125G-1200SP | 3.2-4.8 | 38 012 98 |
| EC125G-1500SP | 3.2-4.8 | 38 013 11 |

Box content:

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



| Description | Belt-<br>thickness | Order No. |
|-------------|--------------------|-----------|
|-------------|--------------------|-----------|

## Belt Fastener EC187G with Connecting Pin ECP187NC

Belt Strength up to 400 kN/m, Minimum Pulley Diameter 100 mm

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

|                     |         |           |
|---------------------|---------|-----------|
| EC187G-100NC**      | 4.8-6.4 | 38 018 09 |
| EC187G-300NC        | 4.8-6.4 | 38 018 16 |
| EC187G-400NC        | 4.8-6.4 | 38 018 23 |
| EC187G-450NC        | 4.8-6.4 | 38 018 30 |
| EC187G-500NC        | 4.8-6.4 | 38 018 47 |
| EC187G-600NC        | 4.8-6.4 | 38 011 99 |
| EC187G-750NC        | 4.8-6.4 | 38 018 54 |
| EC187G-800NC        | 4.8-6.4 | 38 018 61 |
| EC187G-900NC        | 4.8-6.4 | 38 012 29 |
| EC187G-1000NC       | 4.8-6.4 | 38 018 85 |
| EC187G-1050NC       | 4.8-6.4 | 38 018 92 |
| EC187G-1200NC       | 4.8-6.4 | 38 019 15 |
| EC187G-1500NC       | 4.8-6.4 | 38 019 22 |
| EC187G-1200/bulk50* | 4.8-6.4 | 38 019 53 |
| EC187G-1500/bulk50* | 4.8-6.4 | 38 019 60 |
| EC187G-1800/bulk50* | 4.8-6.4 | 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 Diameter 100 mm

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

|               |         |           |
|---------------|---------|-----------|
| EC187G-450SP  | 4.8-6.4 | 38 020 04 |
| EC187G-500SP  | 4.8-6.4 | 38 020 11 |
| EC187G-600SP  | 4.8-6.4 | 38 020 28 |
| EC187G-750SP  | 4.8-6.4 | 38 020 35 |
| EC187G-900SP  | 4.8-6.4 | 38 020 42 |
| EC187G-1000SP | 4.8-6.4 | 38 020 59 |
| EC187G-1050SP | 4.8-6.4 | 38 020 66 |
| EC187G-1200SP | 4.8-6.4 | 38 020 73 |
| EC187G-1500SP | 4.8-6.4 | 38 020 80 |

Box content:

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



| Description | Belt-<br>thickness | Order No. |
|-------------|--------------------|-----------|
|-------------|--------------------|-----------|

## Belt Fastener EC62SS with Connecting ECP62NCS

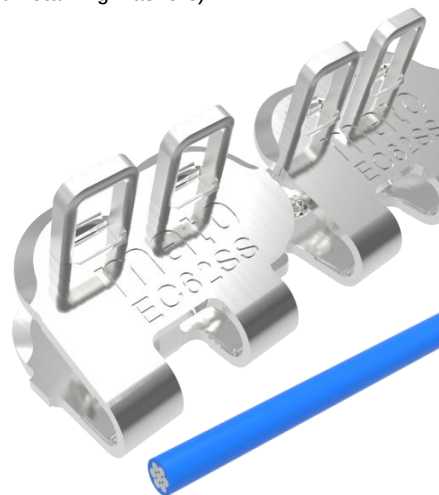
Belt Strength up to 200 kN/m, Minimum Pulley Diameter 50 mm

Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Pins NCS

|                     |         |           |
|---------------------|---------|-----------|
| EC62SS-300NCS       | 1.5-3.2 | 38 004 20 |
| EC62SS-400NCS       | 1.5-3.2 | 38 006 04 |
| EC62SS-450NCS       | 1.5-3.2 | 38 006 11 |
| EC62SS-500NCS       | 1.5-3.2 | 38 006 28 |
| EC62SS-600NCS       | 1.5-3.2 | 38 004 68 |
| EC62SS-750NCS       | 1.5-3.2 | 38 006 42 |
| EC62SS-800NCS       | 1.5-3.2 | 38 006 59 |
| EC62SS-900NCS       | 1.5-3.2 | 38 004 99 |
| EC62SS-1000NCS      | 1.5-3.2 | 38 006 73 |
| EC62SS-1050NCS      | 1.5-3.2 | 38 006 80 |
| EC62SS-1200NCS      | 1.5-3.2 | 38 007 10 |
| EC62SS-1500NCS      | 1.5-3.2 | 38 007 27 |
| EC62SS-1200/bulk50* | 1.5-3.2 | 38 007 58 |
| EC62SS-1500/bulk50* | 1.5-3.2 | 38 007 65 |
| EC62SS-1800/bulk50* | 1.5-3.2 | 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

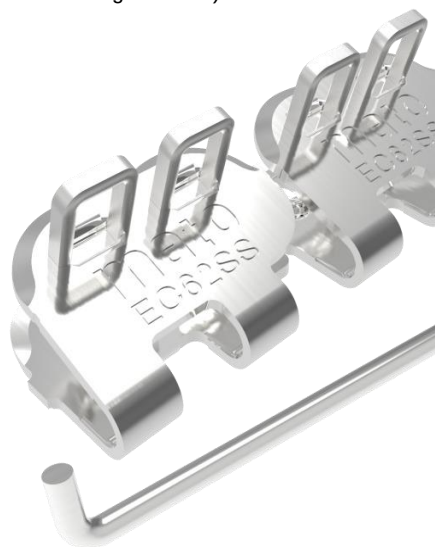
Belt Strength up to 200 kN/m, Minimum Pulley Diameter 50 mm

Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

|               |         |           |
|---------------|---------|-----------|
| EC62SS-300SS  | 1.5-3.2 | 38 008 02 |
| EC62SS-450SS  | 1.5-3.2 | 38 008 19 |
| EC62SS-500SS  | 1.5-3.2 | 38 008 26 |
| EC62SS-600SS  | 1.5-3.2 | 38 008 33 |
| EC62SS-750SS  | 1.5-3.2 | 38 008 40 |
| EC62SS-900SS  | 1.5-3.2 | 38 008 57 |
| EC62SS-1000SS | 1.5-3.2 | 38 008 64 |
| EC62SS-1050SS | 1.5-3.2 | 38 008 71 |
| EC62SS-1200SS | 1.5-3.2 | 38 008 88 |
| EC62SS-1500SS | 1.5-3.2 | 38 008 95 |

Box content:

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



| Description | Belt-thickness | Order No. |
|-------------|----------------|-----------|
|-------------|----------------|-----------|

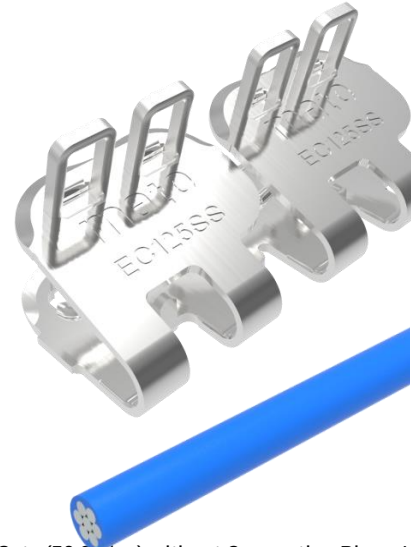
**Belt Fastener EC125SS with Connecting Pin ECP125NCS**  
 Belt Strength up to 315 kN/m, Minimum Pulley Diameter 75mm  
 Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Pins NCS

|                      |         |           |
|----------------------|---------|-----------|
| EC125SS-100NCS       | 3.2-4.8 | 38 013 97 |
| EC125SS-250NCS       | 3.2-4.8 | 38 014 03 |
| EC125SS-300NCS       | 3.2-4.8 | 38 009 01 |
| EC125SS-350NCS       | 3.2-4.8 | 38 014 27 |
| EC125SS-400NCS       | 3.2-4.8 | 38 014 58 |
| EC125SS-450NCS       | 3.2-4.8 | 38 014 65 |
| EC125SS-500NCS       | 3.2-4.8 | 38 014 72 |
| EC125SS-600NCS       | 3.2-4.8 | 38 009 56 |
| EC125SS-750NCS       | 3.2-4.8 | 38 014 89 |
| EC125SS-800NCS       | 3.2-4.8 | 38 014 96 |
| EC125SS-900NCS       | 3.2-4.8 | 38 009 87 |
| EC125SS-1000NCS      | 3.2-4.8 | 38 015 19 |
| EC125SS-1050NCS      | 3.2-4.8 | 38 015 26 |
| EC125SS-1200NCS      | 3.2-4.8 | 38 015 33 |
| EC125SS-1500NCS      | 3.2-4.8 | 38 015 40 |
| EC125SS-1200/bulk50* | 3.2-4.8 | 38 015 64 |
| EC125SS-1500/bulk50* | 3.2-4.8 | 38 015 71 |
| EC125SS-1800/bulk50* | 3.2-4.8 | 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)



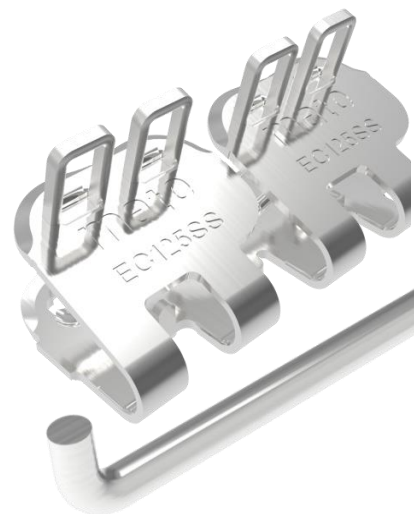
\* 25 Sets (50 Strips) without Connecting Pins + Washers

**Belt Fastener EC125SS with Connecting Pin ECP125SS**  
 Belt Strength up to 315 kN/m, Minimum Pulley Diameter 75mm  
 Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

|                |         |           |
|----------------|---------|-----------|
| EC125SS-300SS  | 3.2-4.8 | 38 016 01 |
| EC125SS-350SS  | 3.2-4.8 | 38 016 18 |
| EC125SS-400SS  | 3.2-4.8 | 38 016 25 |
| EC125SS-450SS  | 3.2-4.8 | 38 016 32 |
| EC125SS-500SS  | 3.2-4.8 | 38 016 49 |
| EC125SS-600SS  | 3.2-4.8 | 38 016 56 |
| EC125SS-750SS  | 3.2-4.8 | 38 016 63 |
| EC125SS-900SS  | 3.2-4.8 | 38 016 70 |
| EC125SS-1000SS | 3.2-4.8 | 38 016 87 |
| EC125SS-1050SS | 3.2-4.8 | 38 016 94 |
| EC125SS-1200SS | 3.2-4.8 | 38 017 00 |
| EC125SS-1500SS | 3.2-4.8 | 38 017 17 |

Box content:

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



| Description | Belt-thickness | Order No. |
|-------------|----------------|-----------|
|-------------|----------------|-----------|

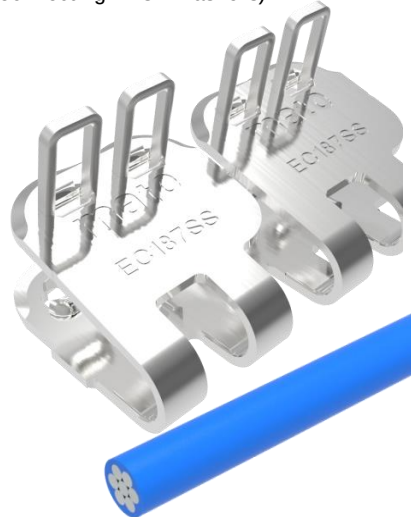
**Belt Fastener EC187SS with Connecting Pin ECP187NCS**  
 Belt Strength up to 400 kN/m, Minimum Pulley Diameter 100 mm  
 Stainless Steel Fasteners- SS, Nylon Covered Stainless Steel Pins NCS

|                      |         |           |
|----------------------|---------|-----------|
| EC187SS-100NCS**     | 4.8-6.4 | 38 022 02 |
| EC187SS-300NCS       | 4.8-6.4 | 38 022 19 |
| EC187SS-400NCS       | 4.8-6.4 | 38 022 26 |
| EC187SS-450NCS       | 4.8-6.4 | 38 022 33 |
| EC187SS-500NCS       | 4.8-6.4 | 38 022 40 |
| EC187SS-600NCS       | 4.8-6.4 | 38 014 10 |
| EC187SS-750NCS       | 4.8-6.4 | 38 022 57 |
| EC187SS-800NCS       | 4.8-6.4 | 38 022 64 |
| EC187SS-900NCS       | 4.8-6.4 | 38 014 41 |
| EC187SS-1000NCS      | 4.8-6.4 | 38 022 88 |
| EC187SS-1050NCS      | 4.8-6.4 | 38 022 95 |
| EC187SS-1200NCS      | 4.8-6.4 | 38 023 01 |
| EC187SS-1500NCS      | 4.8-6.4 | 38 023 18 |
|                      |         |           |
| EC187SS-1200/bulk50* | 4.8-6.4 | 38 021 58 |
| EC187SS-1500/bulk50* | 4.8-6.4 | 38 021 65 |
| EC187SS-1800/bulk50* | 4.8-6.4 | 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)



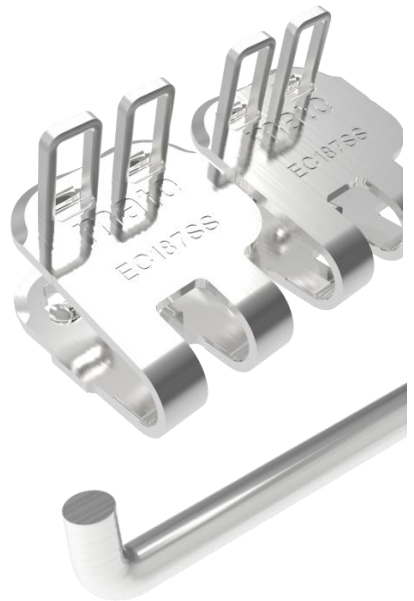
\* 25 Sets (50 Strips) without Connecting Pins + Washers

**Belt Fastener EC187SS with Connecting Pin ECP187NCS**  
 Belt Strength up to 400 kN/m, Minimum Pulley Diameter 100 mm  
 Stainless Steel Fasteners- SS, Stainless Steel Wire Pins SS

|                |         |           |
|----------------|---------|-----------|
| EC187SS-300SS  | 4.8-6.4 | 38 024 00 |
| EC187SS-400SS  | 4.8-6.4 | 38 024 17 |
| EC187SS-450SS  | 4.8-6.4 | 38 024 24 |
| EC187SS-500SS  | 4.8-6.4 | 38 024 31 |
| EC187SS-600SS  | 4.8-6.4 | 38 024 48 |
| EC187SS-750SS  | 4.8-6.4 | 38 024 55 |
| EC187SS-900SS  | 4.8-6.4 | 38 024 62 |
| EC187SS-1000SS | 4.8-6.4 | 38 024 79 |
| EC187SS-1050SS | 4.8-6.4 | 38 024 86 |
| EC187SS-1200SS | 4.8-6.4 | 38 024 93 |
| EC187SS-1500SS | 4.8-6.4 | 38 025 09 |

Box content:

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

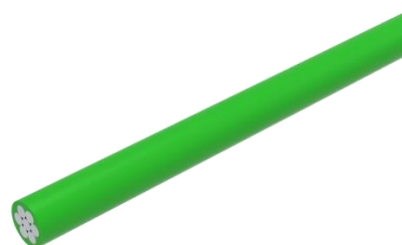


| Description | Order No. |
|-------------|-----------|
|-------------|-----------|

**Connecting Pin ECP62NC**  
Nylon Covered Steel Cable, Outside Diameter 2,1 mm

|                    |           |
|--------------------|-----------|
| ECP62-300NC        | 38 026 08 |
| ECP62-400NC        | 38 026 15 |
| ECP62-450NC        | 38 026 22 |
| ECP62-500NC        | 38 026 39 |
| ECP62-600NC        | 38 026 46 |
| ECP62-750NC        | 38 026 53 |
| ECP62-800NC        | 38 026 60 |
| ECP62-900NC        | 38 026 77 |
| ECP62-1000NC       | 38 026 84 |
| ECP62-1050NC       | 38 026 91 |
| ECP62-1200NC       | 38 027 07 |
| ECP62-1500NC       | 38 027 14 |
|                    |           |
| ECP62-NC 3 Meter*  | 38 027 21 |
| ECP62-NC 30 Meter* | 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        | 38 027 52 |
| ECP125-250NC        | 38 027 69 |
| ECP125-300NC        | 38 027 76 |
| ECP125-350NC        | 38 027 83 |
| ECP125-400NC        | 38 027 90 |
| ECP125-450NC        | 38 028 06 |
| ECP125-500NC        | 38 028 13 |
| ECP125-600NC        | 38 028 20 |
| ECP125-750NC        | 38 028 37 |
| ECP125-800NC        | 38 028 44 |
| ECP125-900NC        | 38 028 51 |
| ECP125-1000NC       | 38 028 68 |
| ECP125-1050NC       | 38 028 75 |
| ECP125-1200NC       | 38 028 82 |
| ECP125-1500NC       | 38 028 99 |
|                     |           |
| ECP125-NC 3 Meter*  | 38 029 05 |
| ECP125-NC 30 Meter* | 38 029 12 |

Packing Unit content:  
10 Connecting Pins.  
\* One coil



**Description**

**Order No.**

**Connecting Pin ECP187NC**

Nylon Covered Steel Cable, Outside Diameter 5,2 mm

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

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

Packing Unit content:

10 Connecting Pins.

\* One coil



**Verbindestab ECP62NCS**

Litze aus Edelstahlbraht mit Nylonummantelung, ø 2,1 mm

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

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

Packing Unit content:

10 Connecting Pins.

\* One coil



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

**Connecting Pin ECP125NCS**  
Nylon Covered Stainless Steel Cable, Outside Diameter 3,6 mm

|                      |           |
|----------------------|-----------|
| ECP125-100NCS        | 38 032 54 |
| ECP125-250NCS        | 38 032 61 |
| ECP125-300NCS        | 38 032 78 |
| ECP125-350NCS        | 38 032 85 |
| ECP125-400NCS        | 38 032 92 |
| ECP125-450NCS        | 38 033 08 |
| ECP125-500NCS        | 38 033 15 |
| ECP125-600NCS        | 38 033 22 |
| ECP125-750NCS        | 38 033 39 |
| ECP125-800NCS        | 38 033 46 |
| ECP125-900NCS        | 38 033 53 |
| ECP125-1000NCS       | 38 033 60 |
| ECP125-1050NCS       | 38 033 77 |
| ECP125-1200NCS       | 38 033 84 |
| ECP125-1500NCS       | 38 033 91 |
|                      |           |
| ECP125-NCS 3 Meter*  | 38 034 07 |
| ECP125-NCS 30 Meter* | 38 034 14 |

Packing Unit content:  
10 Connecting Pins.  
\* One coil



**Connecting Pin ECP187NCS**  
Nylon Covered Stainless Steel Cable, Outside Diameter 5,2 mm

|                      |           |
|----------------------|-----------|
| ECP187-250NCS        | 38 034 52 |
| ECP187-350NCS        | 38 034 69 |
| ECP187-400NCS        | 38 034 76 |
| ECP187-450NCS        | 38 034 83 |
| ECP187-500NCS        | 38 034 90 |
| ECP187-600NCS        | 38 035 06 |
| ECP187-750NCS        | 38 035 13 |
| ECP187-800NCS        | 38 035 20 |
| ECP187-900NCS        | 38 035 37 |
| ECP187-1000NCS       | 38 035 44 |
| ECP187-1050NCS       | 38 035 51 |
| ECP187-1200NCS       | 38 035 68 |
| ECP187-1500NCS       | 38 035 75 |
|                      |           |
| ECP187-NCS 3 Meter*  | 38 035 82 |
| ECP187-NCS 30 Meter* | 38 035 99 |

Packing Unit content:  
10 Connecting Pins.  
\* One coil



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

**Connecting Pin ECP62SP**  
Steel Spring Wire, Outside Diameter 2,0 mm

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

Packing Unit content:  
10 Connecting Pins.



**Connecting Pin ECP125SP**  
Steel Spring Wire, Outside Diameter 3,5 mm

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

Packing Unit content:  
10 Connecting Pins.



**Connecting Pin ECP187SP**  
Steel Spring Wire, Outside Diameter 4,5 mm

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

Packing Unit content:  
10 Connecting Pins.



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

**Connecting Pin ECP187SP**  
Steel Spring Wire, Outside Diameter 4,5 mm

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

Packing Unit content:  
10 Connecting Pins.



**Connecting Pin ECP62SS**  
Stainless Steel Spring Wire, Outside Diameter 2,0 mm

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

Packing Unit content:  
10 Connecting Pins.



**Connecting Pin ECP125SS**  
Stainless Steel Spring Wire, Outside Diameter 3,5 mm

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

Packing Unit content:  
10 Connecting Pins.



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

**Connecting Pin ECP125SS**  
Stainless Steel Spring Wire, Outside Diameter 3,5 mm

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

Packing Unit content:  
10 Connecting Pins.



**Connecting Pin ECP187SS**  
Stainless Steel Spring Wire, Outside Diameter 4,5 mm

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

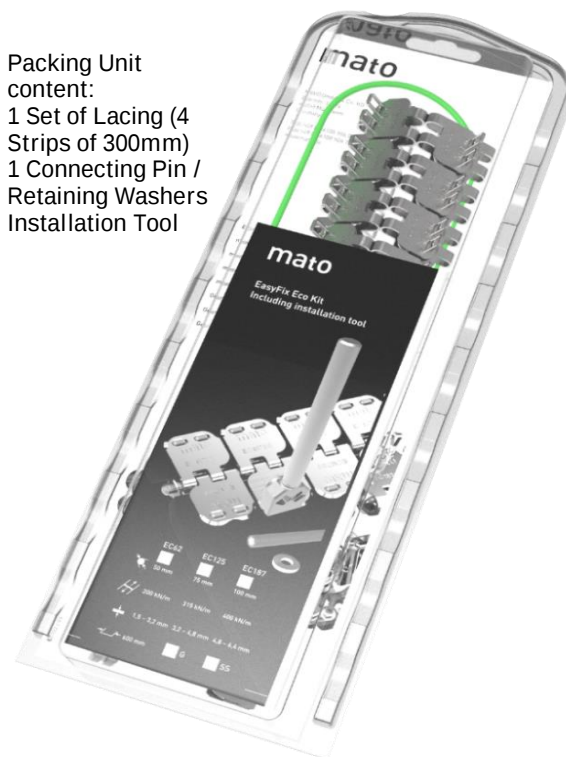
Packing Unit content:  
10 Connecting Pins.



**Splicing Kit EFEK-G**  
Galvanized Steel fasteners, NC Pin

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

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<br>Belt Thickness 1.5-3.2 mm  | 38 048 31 |
| EasyFix Eco Kit EFEK125-SS<br>Belt Thickness 3.2-4.8 mm | 38 048 48 |
| EasyFix Eco Kit EFEK187-SS<br>Belt Thickness 4.8-6.4 mm | 38 048 55 |

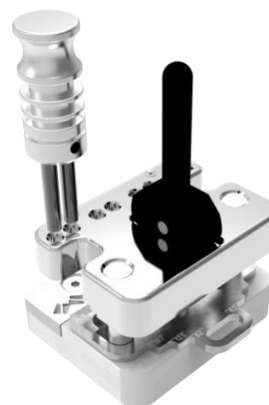
The Splicing Kit is ideal as a mobile and quick repair solution for your conveyor belt, the Kit includes one complete splice for a belt width up to 600mm also a small installation tool.

**Description**

**Order No.**

**Installation Tool EasyFix EFT**

|                           |           |
|---------------------------|-----------|
| EasyFix Tool EFT-100/4"   | 38 050 05 |
| EasyFix Tool EFT-200/8"   | 38 050 12 |
| EasyFix Tool EFT-300/12"  | 38 050 29 |
| EasyFix Tool EFT-600/24"  | 38 050 36 |
| EasyFix Tool EFT-1000/40" | 38 050 43 |
| EasyFix Tool EFT-1200/48" | 38 050 50 |



Each tool inclusive punch

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

**Accessories**

|                  |         |
|------------------|---------|
| EC-Setting Plate | 3805135 |
|------------------|---------|



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



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



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



|                               |           |
|-------------------------------|-----------|
| Retaining Washers ECP62 (50)  | 380 46 40 |
| Retaining Washers ECP125 (50) | 380 46 57 |
| Retaining Washers ECP187 (50) | 380 46 64 |

PU = 5x10 piece  
PU = 5x10 piece  
PU = 5x10 piece



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



| Strip Length                  | Belt Thickness | Pitch | Order No.                            | kg  |                                                                                                                                     |
|-------------------------------|----------------|-------|--------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Belt Fastener D70-C</b>    |                |       | <b>Connecting Pin Dia. 1.0 mm</b>    |     | Splice with or without Lacing Tool                                                                                                  |
| <b>Special Steel</b>          |                |       | <b>Minimum Pulley Diameter 20 mm</b> |     |                                                                                                                                     |
| 300 mm                        | up to 1.5 mm   | 4 mm  | 42 101 70 30                         | 0.1 |                                                                                                                                     |
| 600 mm                        | up to 1.5 mm   | 4 mm  | 42 101 70 60                         | 0.3 |                                                                                                                                     |
| 1200 mm                       | up to 1.5 mm   | 4 mm  | 42 101 70 12                         | 0.6 |                                                  |
| <b>Belt Fastener D71-C</b>    |                |       | <b>Connecting Pin Dia. 1.4 mm</b>    |     |                                                                                                                                     |
| <b>Special Steel</b>          |                |       | <b>Minimum Pulley Diameter 25 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 1.5 - 2.0 mm   | 4 mm  | 42 101 71 30                         | 0.2 |                                                                                                                                     |
| 600 mm                        | 1.5 - 2.0 mm   | 4 mm  | 42 101 71 60                         | 0.5 |                                                                                                                                     |
| 1200 mm                       | 1.5 - 2.0 mm   | 4 mm  | 42 101 71 12                         | 1.0 |                                                                                                                                     |
| <b>Belt Fastener D72-C</b>    |                |       | <b>Connecting Pin Dia. 1. mm</b>     |     |                                                                                                                                     |
| <b>Special Steel</b>          |                |       | <b>Minimum Pulley Diameter 35 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 2.0 - 2.5 mm   | 4 mm  | 42 101 72 30                         | 0.3 |                                                                                                                                     |
| 600 mm                        | 2.0 - 2.5 mm   | 4 mm  | 42 101 72 60                         | 0.5 |                                                                                                                                     |
| 1200 mm                       | 2.0 - 2.5 mm   | 4 mm  | 42 101 72 12                         | 1.1 |                                                                                                                                     |
| <b>Belt Fastener D73-C</b>    |                |       | <b>Connecting Pin Dia. 1.4 mm</b>    |     | Material : Special Steel<br><br>Box content:<br>4 Complete Sets                                                                     |
| <b>Special Steel</b>          |                |       | <b>Minimum Pulley Diameter 50 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 2.5 - 3.5 mm   | 4 mm  | 42 101 73 30                         | 0.3 |                                                                                                                                     |
| 600 mm                        | 2.5 - 3.5 mm   | 4 mm  | 42 101 73 60                         | 0.6 |                                                                                                                                     |
| 1200 mm                       | 2.5 - 3.5 mm   | 4 mm  | 42 101 73 12                         | 1.2 | Note:<br>Hammer Fastener D70, D71, D72, D73 can be spliced with the Lacing Tool MATOROLL or a Vice Lacer MATOVICE (see pages 48-49) |
| <b>Belt Fastener D70-SS</b>   |                |       | <b>Connecting Pin Dia. 1.0 mm</b>    |     |                                                                                                                                     |
| <b>Stainless Steel 1.4404</b> |                |       | <b>Minimum Pulley Diameter 20 mm</b> |     |                                                                                                                                     |
| 300 mm                        | up to 1.5 mm   | 4 mm  | 42 104 70 30                         | 0.1 |                                                                                                                                     |
| 600 mm                        | up to 1.5 mm   | 4 mm  | 42 104 70 60                         | 0.3 | Splice with or without Lacing Tool<br><br>     |
| 1200 mm                       | up to 1.5 mm   | 4 mm  | 42 104 70 12                         | 0.6 |                                                                                                                                     |
| <b>Belt Fastener D71-SS</b>   |                |       | <b>Connecting Pin Dia. 1.4 mm</b>    |     |                                                                                                                                     |
| <b>Stainless Steel 1.4404</b> |                |       | <b>Minimum Pulley Diameter 25 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 1.5 - 2.0 mm   | 4 mm  | 42 104 71 30                         | 0.2 |                                                                                                                                     |
| 600 mm                        | 1.5 - 2.0 mm   | 4 mm  | 42 104 71 60                         | 0.5 |                                                                                                                                     |
| 1200 mm                       | 1.5 - 2.0 mm   | 4 mm  | 42 104 71 12                         | 1.0 |                                                                                                                                     |
| <b>Belt Fastener D72-SS</b>   |                |       | <b>Connecting Pin Dia. 1.4 mm</b>    |     |                                                                                                                                     |
| <b>Stainless Steel 1.4404</b> |                |       | <b>Minimum Pulley Diameter 35 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 2.0 - 2.5 mm   | 4 mm  | 42 104 72 30                         | 0.3 |                                                                                                                                     |
| 600 mm                        | 2.0 - 2.5 mm   | 4 mm  | 42 104 72 60                         | 0.5 | Material : Stainless Steel<br><br>Box content:<br>4 Complete Sets<br>(8 Fastener Strips + 4 Connecting Pins)                        |
| 1200 mm                       | 2.0 - 2.5 mm   | 4 mm  | 42 104 72 12                         | 1.1 |                                                                                                                                     |
| <b>Belt Fastener D73-SS</b>   |                |       | <b>Connecting Pin Dia. 1.4 mm</b>    |     |                                                                                                                                     |
| <b>Stainless Steel 1.4404</b> |                |       | <b>Minimum Pulley Diameter 50 mm</b> |     |                                                                                                                                     |
| 300 mm                        | 2.5 - 3.5 mm   | 4 mm  | 42 104 73 30                         | 0.3 | Note:<br>Hammer Fastener D70, D71, D72, D73 can be spliced with the Lacing Tool MATOROLL or a Vice Lacer MATOVICE (see pages 48-49) |
| 600 mm                        | 2.5 - 3.5 mm   | 4 mm  | 42 104 73 60                         | 0.6 |                                                                                                                                     |
| 1200 mm                       | 2.5 - 3.5 mm   | 4 mm  | 42 104 73 12                         | 1.2 |                                                                                                                                     |

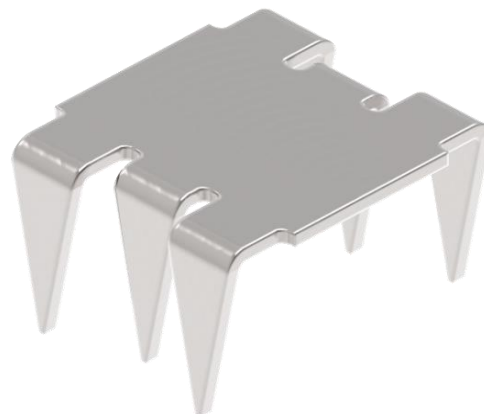
| Strip Length                         | Belt Thickness | Pitch                                                        | Order No.    | kg  | <p>Splice without Lacing Tool</p>  |
|--------------------------------------|----------------|--------------------------------------------------------------|--------------|-----|-----------------------------------------------------------------------------------------------------------------------|
| Belt Fastener D82-C<br>Special Steel |                | Connecting Pin Dia. 1.4 mm<br>Minimum Pulley Diameter 60 mm  |              |     |                                                                                                                       |
| 300 mm                               | 3.0 - 4.0 mm   | 6 mm                                                         | 42 101 82 30 | 0.4 |                                                                                                                       |
| Belt Fastener D83-C<br>Special Steel |                | Connecting Pin Dia. 2.1 mm<br>Minimum Pulley Diameter 75 mm  |              |     |                                                                                                                       |
| 300 mm                               | 4.0 - 5.0 mm   | 8 mm                                                         | 42 101 83 30 | 0.5 |                                                                                                                       |
| Belt Fastener D84-C<br>Special Steel |                | Connecting Pin Dia. 2.1 mm<br>Minimum Pulley Diameter 100 mm |              |     |                                                                                                                       |
| 300 mm                               | 5.0 - 6.5 mm   | 8 mm                                                         | 42 101 84 30 | 0.6 |                                                                                                                       |
| Belt Fastener D85-C<br>Special Steel |                | Connecting Pin Dia. 2.1 mm<br>Minimum Pulley Diameter 125 mm |              |     |                                                                                                                       |
| 300 mm                               | 6.5 - 7.5 mm   | 8 mm                                                         | 42 101 85 30 | 0.7 |                                                                                                                       |
| Belt Fastener D86-C<br>Special Steel |                | Connecting Pin Dia. 3.0 mm<br>Minimum Pulley Diameter 175 mm |              |     |                                                                                                                       |
| 300 mm                               | 7.5 - 8.5 mm   | 10 mm                                                        | 42 101 86 30 | 1.0 |                                                                                                                       |
| Belt Fastener D87-C<br>Special Steel |                | Connecting Pin Dia. 3.0 mm<br>Minimum Pulley Diameter 225 mm |              |     |                                                                                                                       |
| 300 mm                               | 8.5 - 9.5 mm   | 12 mm                                                        | 42 101 87 30 | 1.2 |                                                                                                                       |
| Belt Fastener D88-C<br>Special Steel |                | Connecting Pin Dia. 3.5 mm<br>Minimum Pulley Diameter 300 mm |              |     |                                                                                                                       |
| 300 mm                               | 9.5 - 11 mm    | 16 mm                                                        | 42 101 88 30 | 1.8 |                                                                                                                       |
| Belt Fastener D89-C<br>Special Steel |                | Connecting Pin Dia. 3.5 mm<br>Minimum Pulley Diameter 350 mm |              |     |                                                                                                                       |
| 300 mm                               | 11 - 12.5 mm   | 16 mm                                                        | 42 101 89 30 | 2.1 |                                                                                                                       |

Material : Special Steel

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

| Description                                               | Belt Thickness | Order No.    | kg  |
|-----------------------------------------------------------|----------------|--------------|-----|
| <b>Belt Fastener S82</b><br>Leg Length 8 mm, Width 12 mm  |                |              |     |
| S82 (200)                                                 | up to 4 mm     | 42 701 20 00 | 0.2 |
| <b>Belt Fastener S83</b><br>Leg Length 10 mm, Width 14 mm |                |              |     |
| S83 (201)                                                 | up to 6 mm     | 42 701 20 10 | 0.3 |
| <b>Belt Fastener S84</b><br>Leg Length 12 mm, Width 17 mm |                |              |     |
| S84 (202)                                                 | up to 8 mm     | 42 701 20 20 | 0.5 |
| <b>Belt Fastener S85</b><br>Leg Length 16 mm, Width 23 mm |                |              |     |
| S85 (203)                                                 | up to 10 mm    | 42 701 20 30 | 1.0 |
| <b>Belt Fastener S86</b><br>Leg Length 20 mm, Width 25 mm |                |              |     |
| S86 (204)                                                 | up to 13 mm    | 42 701 20 40 | 1.5 |
| <b>Belt Fastener S87</b><br>Leg Length 23 mm, Width 30 mm |                |              |     |
| S87 (205)                                                 | up to 15 mm    | 42 701 20 50 | 2.4 |
| <b>Belt Fastener S88</b><br>Leg Length 29 mm, Width 35 mm |                |              |     |
| S88 (206)                                                 | up to 18 mm    | 42 701 20 60 | 4.1 |
| <b>Belt Fastener S89</b><br>Leg Length 38 mm, Width 43 mm |                |              |     |
| S89 (207)                                                 | up to 21 mm    | 42 701 20 70 | 6.7 |

Installation without Lacing Tool



Material : Special Steel

Packing Units:  
100 Fasteners

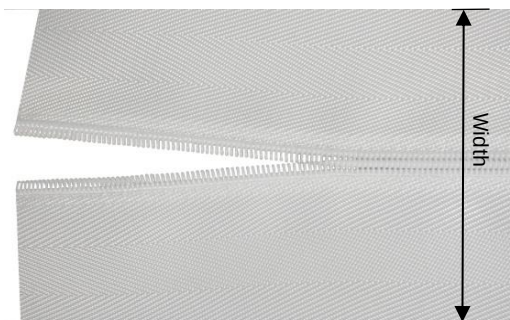
# mato



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 | Maximum Temp. | Order No.                     | kg  |                                                                                                                                                          |
|---------------------------------------|---------------|---------------|-------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Belt Fastener Y50PWS                  |               |               | Connecting Pin Dia. 0.8 mm    |     | <div>Single Web - White</div> <div>Material : Polyester (PET)</div>  |
| Spiral Lace, white, full width 100 mm |               |               | Minimum Pulley Diameter 10 mm |     |                                                                                                                                                          |
| 3 Meter                               | 2.2 mm        | 160°C         | 42 605 52 11                  | 0.1 |                                                                                                                                                          |
| 10 Meter                              | 2.2 mm        | 160°C         | 42 605 52 12                  | 0.4 |                                                                                                                                                          |
| 30 Meter                              | 2.2 mm        | 160°C         | 42 605 52 13                  | 1.3 |                                                                                                                                                          |
| Belt Fastener Y65PWS                  |               |               | Connecting Pin Dia. 1.0 mm    |     |                                                                                                                                                          |
| Spiral Lace, white, full width 136 mm |               |               | Minimum Pulley Diameter 30 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.0 mm        | 160°C         | 42 606 52 11                  | 0.2 |                                                                                                                                                          |
| 10 Meter                              | 3.0 mm        | 160°C         | 42 606 52 12                  | 0.8 |                                                                                                                                                          |
| 30 Meter                              | 3.0 mm        | 160°C         | 42 606 52 13                  | 2.3 |                                                                                                                                                          |
| Belt Fastener Y90PWS                  |               |               | Connecting Pin Dia. 1.2 mm    |     |                                                                                                                                                          |
| Spiral Lace, white, full width 134 mm |               |               | Minimum Pulley Diameter 50 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.6 mm        | 160°C         | 42 608 52 11                  | 0.3 |                                                                                                                                                          |
| 10 Meter                              | 3.6 mm        | 160°C         | 42 608 52 12                  | 2.6 |                                                                                                                                                          |
| 30 Meter                              | 3.6 mm        | 160°C         | 42 608 52 13                  | 2.6 |                                                                                                                                                          |
| Belt Fastener Y160PWS                 |               |               | Connecting Pin Dia. 1.0 mm    |     |                                                                                                                                                          |
| Spiral Lace, white, full width 100 mm |               |               | Minimum Pulley Diameter 30 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.0 mm        | 160°C         | 42 609 52 11                  | 0.3 |                                                                                                                                                          |
| 10 Meter                              | 3.0 mm        | 160°C         | 42 609 52 12                  | 1.0 |                                                                                                                                                          |
| 30 Meter                              | 3.0 mm        | 160°C         | 42 609 52 13                  | 2.9 |                                                                                                                                                          |
| Belt Fastener Y190PWS                 |               |               | Connecting Pin Dia. 1.2 mm    |     |                                                                                                                                                          |
| Spiral Lace, white, full width 210 mm |               |               | Minimum Pulley Diameter 50 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.6 mm        | 160°C         | 42 600 52 11                  | 0.4 |                                                                                                                                                          |
| 10 Meter                              | 3.6 mm        | 160°C         | 42 600 52 12                  | 1.3 |                                                                                                                                                          |
| 30 Meter                              | 3.6 mm        | 160°C         | 42 600 52 13                  | 3.9 |                                                                                                                                                          |
| Belt Fastener Y65PBS                  |               |               | Connecting Pin Dia. 1.0 mm    |     |                                                                                                                                                          |
| Spiral Lace, black, full width 136 mm |               |               | Minimum Pulley Diameter 30 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.0 mm        | 160°C         | 42 606 54 11                  | 0.2 |                                                                                                                                                          |
| 10 Meter                              | 3.0 mm        | 160°C         | 42 606 54 12                  | 0.8 |                                                                                                                                                          |
| 30 Meter                              | 3.0 mm        | 160°C         | 42 606 54 13                  | 2.3 |                                                                                                                                                          |
| Belt Fastener Y90PBS                  |               |               | Connecting Pin Dia. 1.2 mm    |     |                                                                                                                                                          |
| Spiral Lace, black, full width 134 mm |               |               | Minimum Pulley Diameter 50 mm |     |                                                                                                                                                          |
| 3 Meter                               | 3.6 mm        | 160°C         | 42 608 54 11                  | 0.3 |                                                                                                                                                          |
| 10 Meter                              | 3.6 mm        | 160°C         | 42 608 54 12                  | 0.9 |                                                                                                                                                          |
| 30 Meter                              | 3.6 mm        | 160°C         | 42 608 54 13                  | 2.6 |                                                                                                                                                          |

Please ask for further Fastener Sizes and Material Compositions.

| Length | Spiral Height | Maximum Temp. | Order No. | kg |
|--------|---------------|---------------|-----------|----|
|--------|---------------|---------------|-----------|----|

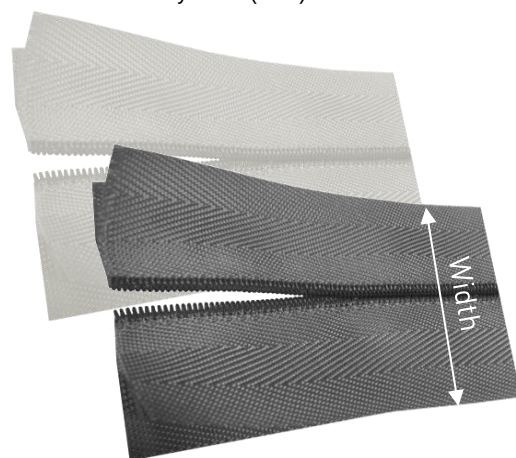
**Belt Fastener Y65PWD**  
Lace w/White Double Web, width 108 mm

Connecting Pin Dia. 1.0 mm  
Minimum Drum Diameter 30 mm

|          |        |       |              |     |
|----------|--------|-------|--------------|-----|
| 3 Meter  | 3.0 mm | 160°C | 42 606 52 21 | 0.2 |
| 10 Meter | 3.0 mm | 160°C | 42 606 52 22 | 0.8 |
| 30 Meter | 3.0 mm | 160°C | 42 606 52 23 | 2.3 |

Double Web - White / Black

Material : Polyester (PET)



**Belt Fastener Y90PWD**  
Lace w/White Double Web, width 106.5 mm

Connecting Pin Dia. 1.2 mm  
Minimum Drum Diameter 50 mm

|          |        |       |              |     |
|----------|--------|-------|--------------|-----|
| 3 Meter  | 3.6 mm | 160°C | 42 608 52 21 | 0.3 |
| 10 Meter | 3.6 mm | 160°C | 42 608 52 22 | 0.9 |
| 30 Meter | 3.6 mm | 160°C | 42 608 52 23 | 2.6 |

**Belt Fastener Y90PBD**  
Lace w/Black Double Web, width 106.5 mm

Connecting Pin Dia. 1.2 mm  
Minimum Drum Diameter 50 mm

|          |        |       |              |     |
|----------|--------|-------|--------------|-----|
| 3 Meter  | 3.6 mm | 160°C | 42 608 54 21 | 0.3 |
| 10 Meter | 3.6 mm | 160°C | 42 608 54 22 | 1.1 |
| 30 Meter | 3.6 mm | 160°C | 42 608 54 23 | 3.2 |

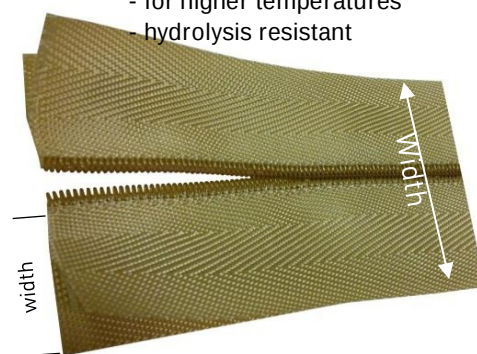
**Belt Fastener Y80EAD**  
Lace w/Brown Double Web, width 83 mm

Connecting Pin Dia. 1.2 mm  
Minimum Drum Diameter 50 mm

|          |        |       |              |     |
|----------|--------|-------|--------------|-----|
| 3 Meter  | 3.0 mm | 240°C | 42 607 41 21 | 0.2 |
| 10 Meter | 3.0 mm | 240°C | 42 607 41 22 | 0.8 |
| 30 Meter | 3.0 mm | 240°C | 42 607 41 23 | 2.5 |

Double Web - Brown

Material : PEEK (Polyetheretherketone)  
- for higher temperatures  
- hydrolysis resistant



Please ask for further Fastener Sizes and Material Compositions.

## Connecting Pins for Spiral Fastener Y

| Description | Pin Dia. | Maximum Temp. | Order No. | €/Box<br>1 - 9    10+ | kg |
|-------------|----------|---------------|-----------|-----------------------|----|
|-------------|----------|---------------|-----------|-----------------------|----|

**Connecting Pin YK whites**  
100 Meter Coil

|         |        |       |              |  |     |
|---------|--------|-------|--------------|--|-----|
| YK08-MW | 0.8 mm | 160°C | 42 509 31 81 |  | 0.1 |
| YK10-MW | 1.0 mm | 160°C | 42 509 31 01 |  | 0.1 |
| YK12-MW | 1.2 mm | 160°C | 42 509 31 21 |  | 0.1 |

**Connecting Pin YK black**  
100 Meter Coil

|         |        |       |              |  |     |
|---------|--------|-------|--------------|--|-----|
| YK10-MB | 1.0 mm | 160°C | 42 509 11 01 |  | 0.1 |
| YK12-MB | 1.2 mm | 160°C | 42 509 11 21 |  | 0.1 |

**Connecting Pin YK brown**  
100 Meter Coil

|         |        |       |              |  |     |
|---------|--------|-------|--------------|--|-----|
| YK12-EA | 1.2 mm | 240°C | 42 509 21 21 |  | 0.1 |
| YK15-EA | 1.5 mm | 240°C | 42 509 21 51 |  | 0.2 |



| Order No. | P. | Order No. | P. | Order No. | P. | Order No. | P. | Order No.    | P.   | Order No.    | P.    |
|-----------|----|-----------|----|-----------|----|-----------|----|--------------|------|--------------|-------|
| 380 01 23 | 11 | 380 13 11 | 55 | 380 27 07 | 60 | 380 36 67 | 63 | 380 48 31    | 65   | 41 129 69 62 | 9     |
| 380 01 30 | 11 | 380 13 97 | 58 | 380 27 14 | 60 | 380 36 74 | 63 | 380 48 48    | 65   | 41 129 69 63 | 10    |
| 380 01 47 | 11 | 380 14 03 | 58 | 380 27 21 | 60 | 380 36 81 | 63 | 380 48 55    | 65   | 41 129 69 64 | 10    |
| 380 01 54 | 11 | 380 14 10 | 59 | 380 27 38 | 60 | 380 36 98 | 63 | 380 50 05    | 66   | 41 129 69 65 | 9     |
| 380 01 61 | 11 | 380 14 27 | 58 | 380 27 52 | 60 | 380 37 04 | 63 | 380 50 12    | 66   | 41 129 69 68 | 10    |
| 380 02 08 | 54 | 380 14 41 | 59 | 380 27 69 | 60 | 380 37 11 | 63 | 380 50 29    | 66   | 41 129 69 69 | 10    |
| 380 02 15 | 54 | 380 14 58 | 58 | 380 27 76 | 60 | 380 37 28 | 63 | 380 50 36    | 66   | 41 129 69 74 | 9     |
| 380 02 22 | 54 | 380 14 65 | 58 | 380 27 83 | 60 | 380 37 42 | 63 | 380 50 43    | 66   | 41 129 69 75 | 10    |
| 380 02 39 | 54 | 380 14 72 | 58 | 380 27 90 | 60 | 380 37 59 | 63 | 380 50 50    | 66   | 41 129 69 99 | 10    |
| 380 02 46 | 54 | 380 14 89 | 58 | 380 28 06 | 60 | 380 37 66 | 63 | 380 50 98    | 66   | 41 129 70 00 | 9     |
| 380 02 53 | 54 | 380 14 96 | 58 | 380 28 13 | 60 | 380 37 73 | 63 | 380 51 04    | 66   | 41 129 70 10 | 9     |
| 380 02 60 | 54 | 380 15 19 | 58 | 380 28 20 | 60 | 380 37 80 | 63 | 380 51 11    | 66   | 41 129 70 11 | 9     |
| 380 02 77 | 54 | 380 15 26 | 58 | 380 28 37 | 60 | 380 37 97 | 63 | 380 51 28    | 66   | 41 129 80 07 | 6     |
| 380 02 84 | 54 | 380 15 33 | 58 | 380 28 44 | 60 | 380 38 03 | 63 | 380 51 35    | 66   | 41 129 80 08 | 6     |
| 380 02 91 | 54 | 380 15 40 | 58 | 380 28 51 | 60 | 380 38 10 | 63 | 380 51 42    | 66   | 41 130 58 27 | 13    |
| 380 03 07 | 54 | 380 15 64 | 58 | 380 28 68 | 60 | 380 38 27 | 63 | 41 114 23 98 | 5    | 41 130 58 28 | 13    |
| 380 03 14 | 54 | 380 15 71 | 58 | 380 28 75 | 60 | 380 38 34 | 63 | 41 114 23 99 | 5    | 42 050 10 10 | 30    |
| 380 03 52 | 54 | 380 15 88 | 58 | 380 28 82 | 60 | 380 38 41 | 63 | 41 114 24 00 | 5    | 42 050 10 11 | 13/30 |
| 380 03 69 | 54 | 380 16 01 | 58 | 380 28 99 | 60 | 380 38 58 | 63 | 41 114 24 01 | 5    | 42 050 51 51 | 47    |
| 380 03 76 | 54 | 380 16 18 | 58 | 380 29 05 | 60 | 380 38 65 | 63 | 41 114 24 02 | 5    | 42 050 61 63 | 47    |
| 380 03 90 | 54 | 380 16 25 | 58 | 380 29 12 | 60 | 380 38 72 | 63 | 41 114 24 03 | 5    | 42 101 13 22 | 46    |
| 380 04 06 | 54 | 380 16 32 | 58 | 380 29 50 | 61 | 380 38 89 | 63 | 41 114 24 05 | 5    | 42 101 13 32 | 46    |
| 380 04 13 | 54 | 380 16 49 | 58 | 380 29 67 | 61 | 380 38 96 | 63 | 41 114 24 06 | 5    | 42 101 13 42 | 46    |
| 380 04 20 | 57 | 380 16 56 | 58 | 380 29 74 | 61 | 380 39 02 | 63 | 41 114 24 07 | 5    | 42 101 13 52 | 46    |
| 380 04 37 | 54 | 380 16 63 | 58 | 380 29 81 | 61 | 380 39 57 | 63 | 41 114 24 09 | 5    | 42 101 13 62 | 46    |
| 380 04 44 | 54 | 380 16 70 | 58 | 380 29 98 | 61 | 380 39 64 | 63 | 41 114 24 12 | 5    | 42 101 22 21 | 45    |
| 380 04 51 | 54 | 380 16 87 | 58 | 380 30 01 | 61 | 380 39 71 | 63 | 41 114 24 13 | 5    | 42 101 22 22 | 45    |
| 380 04 68 | 57 | 380 16 94 | 58 | 380 30 18 | 61 | 380 39 88 | 63 | 41 114 24 14 | 5    | 42 101 22 31 | 45    |
| 380 04 75 | 54 | 380 17 00 | 58 | 380 30 25 | 61 | 380 39 95 | 63 | 41 114 24 15 | 5    | 42 101 22 32 | 45    |
| 380 04 82 | 54 | 380 17 17 | 58 | 380 30 32 | 61 | 380 40 08 | 64 | 41 114 24 16 | 5    | 42 101 70 12 | 67    |
| 380 04 99 | 57 | 380 18 09 | 56 | 380 30 49 | 61 | 380 40 15 | 64 | 41 114 24 18 | 5    | 42 101 70 30 | 67    |
| 380 05 05 | 54 | 380 18 16 | 56 | 380 30 56 | 61 | 380 40 22 | 64 | 41 114 24 19 | 5    | 42 101 70 60 | 67    |
| 380 05 12 | 54 | 380 18 23 | 56 | 380 30 63 | 61 | 380 40 39 | 64 | 41 114 59 16 | 5    | 42 101 71 12 | 67    |
| 380 06 04 | 57 | 380 18 30 | 56 | 380 30 70 | 61 | 380 40 46 | 64 | 41 114 60 56 | 5    | 42 101 71 30 | 67    |
| 380 06 11 | 57 | 380 18 47 | 56 | 380 30 87 | 61 | 380 40 53 | 64 | 41 115 23 98 | 8    | 42 101 71 60 | 67    |
| 380 06 28 | 57 | 380 18 54 | 56 | 380 30 94 | 61 | 380 40 60 | 64 | 41 115 23 99 | 8    | 42 101 72 12 | 67    |
| 380 06 42 | 57 | 380 18 61 | 56 | 380 31 00 | 61 | 380 40 77 | 64 | 41 115 24 00 | 8    | 42 101 72 30 | 67    |
| 380 06 59 | 57 | 380 18 85 | 56 | 380 31 17 | 61 | 380 40 84 | 64 | 41 115 24 01 | 8    | 42 101 72 60 | 67    |
| 380 06 73 | 57 | 380 18 92 | 56 | 380 31 24 | 61 | 380 41 07 | 64 | 41 115 24 02 | 8    | 42 101 73 12 | 67    |
| 380 06 80 | 57 | 380 19 15 | 56 | 380 31 31 | 61 | 380 41 14 | 64 | 41 115 24 03 | 8    | 42 101 73 30 | 67    |
| 380 07 03 | 55 | 380 19 22 | 56 | 380 31 48 | 61 | 380 41 21 | 64 | 41 115 24 06 | 8    | 42 101 73 60 | 67    |
| 380 07 10 | 57 | 380 19 53 | 56 | 380 31 55 | 61 | 380 41 38 | 64 | 41 115 24 07 | 8    | 42 101 82 30 | 68    |
| 380 07 27 | 57 | 380 19 60 | 56 | 380 31 62 | 61 | 380 41 45 | 64 | 41 115 24 08 | 8    | 42 101 83 30 | 68    |
| 380 07 34 | 55 | 380 19 77 | 56 | 380 31 79 | 61 | 380 41 52 | 64 | 41 115 24 09 | 8    | 42 101 84 30 | 68    |
| 380 07 58 | 57 | 380 20 04 | 56 | 380 31 86 | 61 | 380 41 69 | 64 | 41 115 24 10 | 8    | 42 101 85 30 | 68    |
| 380 07 65 | 57 | 380 20 11 | 56 | 380 31 93 | 61 | 380 41 76 | 64 | 41 115 24 11 | 8    | 42 101 86 30 | 68    |
| 380 07 72 | 57 | 380 20 28 | 56 | 380 32 09 | 61 | 380 41 83 | 64 | 41 115 24 12 | 8    | 42 101 87 30 | 68    |
| 380 08 02 | 57 | 380 20 35 | 56 | 380 32 16 | 61 | 380 41 90 | 64 | 41 115 25 15 | 8    | 42 101 88 30 | 68    |
| 380 08 19 | 57 | 380 20 42 | 56 | 380 32 23 | 61 | 380 42 06 | 64 | 41 129 58 06 | 12   | 42 101 89 30 | 68    |
| 380 08 26 | 57 | 380 20 59 | 56 | 380 32 30 | 61 | 380 42 13 | 64 | 41 129 58 07 | 12   | 42 103 13 22 | 46    |
| 380 08 33 | 57 | 380 20 66 | 56 | 380 32 54 | 62 | 380 42 20 | 64 | 41 129 58 08 | 15   | 42 103 13 32 | 46    |
| 380 08 40 | 57 | 380 20 73 | 56 | 380 32 61 | 62 | 380 42 44 | 64 | 41 129 58 16 | 15   | 42 103 13 42 | 46    |
| 380 08 57 | 57 | 380 20 80 | 56 | 380 32 78 | 62 | 380 42 51 | 64 | 41 129 58 17 | 6    | 42 103 13 52 | 46    |
| 380 08 64 | 57 | 380 21 58 | 59 | 380 32 85 | 62 | 380 42 68 | 64 | 41 129 58 18 | 6    | 42 103 13 62 | 46    |
| 380 08 71 | 57 | 380 21 65 | 59 | 380 32 92 | 62 | 380 42 75 | 64 | 41 129 58 25 | 7    | 42 103 22 21 | 45    |
| 380 08 88 | 57 | 380 21 72 | 59 | 380 33 08 | 62 | 380 42 82 | 64 | 41 129 58 26 | 7    | 42 103 22 22 | 45    |
| 380 08 95 | 57 | 380 22 02 | 59 | 380 33 15 | 62 | 380 42 99 | 64 | 41 129 58 27 | 7/13 | 42 103 22 31 | 45    |
| 380 09 01 | 58 | 380 22 19 | 59 | 380 33 22 | 62 | 380 43 05 | 64 | 41 129 58 28 | 7/13 | 42 103 22 32 | 45    |
| 380 09 56 | 58 | 380 22 26 | 59 | 380 33 39 | 62 | 380 43 12 | 64 | 41 129 58 49 | 6    | 42 104 13 22 | 46    |
| 380 09 87 | 58 | 380 22 33 | 59 | 380 33 46 | 62 | 380 43 29 | 64 | 41 129 58 82 | 6    | 42 104 13 32 | 46    |
| 380 10 07 | 55 | 380 22 40 | 59 | 380 33 53 | 62 | 380 43 36 | 64 | 41 129 58 90 | 15   | 42 104 13 42 | 46    |
| 380 10 14 | 55 | 380 22 57 | 59 | 380 33 60 | 62 | 380 43 43 | 64 | 41 129 58 92 | 15   | 42 104 13 52 | 46    |
| 380 10 21 | 55 | 380 22 64 | 59 | 380 33 77 | 62 | 380 43 50 | 64 | 41 129 59 09 | 15   | 42 104 13 62 | 46    |
| 380 10 38 | 55 | 380 22 88 | 59 | 380 33 84 | 62 | 380 43 67 | 65 | 41 129 59 10 | 5    | 42 104 22 21 | 45    |
| 380 10 45 | 55 | 380 22 95 | 59 | 380 33 91 | 62 | 380 43 74 | 65 | 41 129 59 11 | 15   | 42 104 22 22 | 45    |
| 380 10 52 | 55 | 380 23 01 | 59 | 380 34 07 | 62 | 380 43 81 | 65 | 41 129 59 15 | 5    | 42 104 22 31 | 45    |
| 380 10 69 | 55 | 380 23 18 | 59 | 380 34 14 | 62 | 380 43 98 | 65 | 41 129 59 18 | 15   | 42 104 22 32 | 45    |
| 380 10 76 | 55 | 380 24 00 | 59 | 380 34 52 | 62 | 380 44 04 | 65 | 41 129 59 19 | 15   | 42 104 70 12 | 67    |
| 380 10 83 | 55 | 380 24 17 | 59 | 380 34 69 | 62 | 380 44 59 | 65 | 41 129 59 23 | 15   | 42 104 70 30 | 67    |
| 380 11 06 | 55 | 380 24 24 | 59 | 380 34 76 | 62 | 380 44 66 | 65 | 41 129 59 24 | 15   | 42 104 70 60 | 67    |
| 380 11 13 | 55 | 380 24 31 | 59 | 380 34 83 | 62 | 380 44 73 | 65 | 41 129 59 25 | 15   | 42 104 71 12 | 67    |
| 380 11 37 | 55 | 380 24 48 | 59 | 380 34 90 | 62 | 380 44 80 | 65 | 41 129 59 26 | 15   | 42 104 71 30 | 67    |
| 380 11 44 | 55 | 380 24 55 | 59 | 380 35 06 | 62 | 380 44 97 | 65 | 41 129 59 37 | 5    | 42 104 71 60 | 67    |
| 380 11 51 | 55 | 380 24 62 | 59 | 380 35 13 | 62 | 380 45 03 | 65 | 41 129 59 60 | 15   | 42 104 72 12 | 67    |
| 380 11 68 | 55 | 380 24 79 | 59 | 380 35 20 | 62 | 380 45 10 | 65 | 41 129 59 64 | 15   | 42 104 72 30 | 67    |
| 380 11 75 | 55 | 380 24 86 | 59 | 380 35 37 | 62 | 380 45 27 | 65 | 41 129 59 86 | 15   | 42 104 72 60 | 67    |
| 380 11 99 | 56 | 380 24 93 | 59 | 380 35 44 | 62 | 380 45 34 | 65 | 41 129 59 87 | 15   | 42 104 73 12 | 67    |
| 380 12 05 | 55 | 380 25 09 | 59 | 380 35 51 | 62 | 380 45 41 | 65 | 41 129 59 88 | 15   | 42 104 73 30 | 67    |
| 380 12 12 | 55 | 380 26 08 | 60 | 380 35 68 | 62 | 380 45 58 | 65 | 41 129 59 89 | 15   | 42 104 73 60 | 67    |
| 380 12 29 | 56 | 380 26 15 | 60 | 380 35 75 | 62 | 380 45 65 | 65 | 41 129 60 55 | 5    | 42 120 00 00 | 48    |
| 380 12 36 | 55 | 380 26 22 | 60 | 380 35 82 | 62 | 380 45 72 | 65 | 41 129 60 97 | 13   | 42 123 00 00 | 12    |
| 380 12 43 | 55 | 380 26 39 | 60 | 380 35 99 | 62 | 380 45 89 | 65 | 41 129 61 20 | 5    | 42 150 20 70 | 48    |
| 380 12 50 | 55 | 380 26 46 | 60 | 380 36 05 | 63 | 380 46 40 | 66 | 41 129 68 01 | 13   | 42 150 30 80 | 48    |
| 380 12 67 | 55 | 380 26 53 | 60 | 380 36 12 | 63 | 380 46 57 | 66 | 41 129 68 02 | 13   | 42 150 50 51 | 48    |
| 380 12 74 | 55 | 380 26 60 | 60 | 380 36 29 | 63 | 380 46 64 | 66 | 41 129 69 10 | 5    | 42 150 61 63 | 48    |
| 380 12 81 | 55 | 380 26 77 | 60 | 380 36 36 | 63 | 380 48 00 | 65 | 41 129 69 22 | 5    | 42 200 00 23 | 29    |
| 380 12 98 | 55 | 380 26 84 | 60 | 380 36 43 | 63 | 380 48 17 | 65 | 41 129 69 50 | 12   | 42 200 00 24 | 50    |
| 380 13 04 | 55 | 380 26 91 | 60 | 380 36 50 | 63 | 380 48 24 | 65 | 41 129 69 61 | 9    | 42 200 00 25 | 50    |

| Order No.    | P. | Order No.    | P. | Order No.    | P. | Order No.    | P. | Order No.    | P. | Order No.    | P.   |
|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|------|
| 42 200 20 70 | 48 | 42 269 11 30 | 26 | 42 480 11 80 | 48 | 42 606 52 23 | 72 | 42 699 11 30 | 23 | 42 707 58 42 | 44   |
| 42 200 20 90 | 31 | 42 269 12 00 | 26 | 42 480 21 10 | 49 | 42 606 54 11 | 71 | 42 699 12 00 | 23 | 42 707 58 52 | 44   |
| 42 200 20 91 | 31 | 42 269 12 70 | 26 | 42 480 21 20 | 49 | 42 606 54 12 | 71 | 42 699 14 00 | 23 | 42 707 58 62 | 44   |
| 42 200 20 92 | 31 | 42 269 14 00 | 26 | 42 480 21 30 | 49 | 42 606 54 13 | 71 | 42 699 15 00 | 23 | 42 713 26 10 | 42   |
| 42 200 30 80 | 48 | 42 269 15 00 | 26 | 42 480 21 50 | 49 | 42 607 41 21 | 72 | 42 699 30 00 | 23 | 42 713 26 11 | 42   |
| 42 200 61 63 | 48 | 42 269 16 80 | 26 | 42 480 21 51 | 28 | 42 607 41 22 | 72 | 42 701 20 00 | 69 | 42 713 26 20 | 42   |
| 42 208 02 50 | 33 | 42 269 18 00 | 26 | 42 480 21 80 | 49 | 42 607 41 23 | 72 | 42 701 20 10 | 69 | 42 713 26 21 | 42   |
| 42 208 03 00 | 33 | 42 269 19 00 | 26 | 42 480 30 60 | 49 | 42 608 52 11 | 71 | 42 701 20 20 | 69 | 42 713 26 22 | 42   |
| 42 208 03 20 | 33 | 42 269 20 00 | 26 | 42 480 30 70 | 49 | 42 608 52 12 | 71 | 42 701 20 30 | 69 | 42 714 26 10 | 42   |
| 42 208 03 50 | 33 | 42 269 25 40 | 26 | 42 480 41 10 | 49 | 42 608 52 13 | 71 | 42 701 20 40 | 69 | 42 714 26 11 | 42   |
| 42 208 03 80 | 33 | 42 269 28 00 | 26 | 42 480 41 20 | 49 | 42 608 52 21 | 72 | 42 701 20 50 | 69 | 42 714 26 20 | 42   |
| 42 208 04 00 | 33 | 42 269 28 50 | 26 | 42 480 41 30 | 49 | 42 608 52 22 | 72 | 42 701 20 60 | 69 | 42 714 26 21 | 42   |
| 42 208 04 80 | 33 | 42 269 29 30 | 26 | 42 480 41 50 | 49 | 42 608 52 23 | 72 | 42 701 20 70 | 69 | 42 714 26 22 | 42   |
| 42 208 05 00 | 33 | 42 269 30 00 | 26 | 42 480 41 80 | 49 | 42 608 54 11 | 71 | 42 703 17 21 | 43 | 42 723 02 00 | 20   |
| 42 208 05 70 | 33 | 42 273 02 50 | 25 | 42 480 51 60 | 49 | 42 608 54 12 | 71 | 42 703 17 22 | 43 | 42 723 02 50 | 20   |
| 42 208 06 00 | 33 | 42 273 03 00 | 25 | 42 480 51 70 | 49 | 42 608 54 13 | 71 | 42 703 18 22 | 44 | 42 723 03 00 | 20   |
| 42 208 06 30 | 33 | 42 273 03 20 | 25 | 42 480 60 60 | 49 | 42 608 54 21 | 72 | 42 703 18 32 | 44 | 42 723 03 50 | 20   |
| 42 208 07 50 | 33 | 42 273 03 50 | 25 | 42 480 60 70 | 49 | 42 608 54 22 | 72 | 42 703 18 42 | 44 | 42 723 04 00 | 20   |
| 42 208 08 30 | 33 | 42 273 03 80 | 25 | 42 480 61 10 | 49 | 42 608 54 23 | 72 | 42 703 18 52 | 44 | 42 723 04 80 | 20   |
| 42 208 08 80 | 33 | 42 273 04 00 | 25 | 42 480 61 20 | 49 | 42 609 52 11 | 71 | 42 703 18 62 | 44 | 42 723 05 00 | 20   |
| 42 208 09 50 | 33 | 42 273 04 80 | 25 | 42 480 61 30 | 49 | 42 609 52 12 | 71 | 42 703 25 51 | 40 | 42 723 05 70 | 20   |
| 42 208 10 00 | 33 | 42 273 05 00 | 25 | 42 480 61 50 | 49 | 42 609 52 13 | 71 | 42 703 25 52 | 40 | 42 723 06 00 | 20   |
| 42 208 10 50 | 33 | 42 273 05 70 | 25 | 42 480 61 80 | 49 | 42 640 00 00 | 30 | 42 703 26 10 | 41 | 42 723 06 30 | 20   |
| 42 208 11 00 | 33 | 42 273 06 00 | 25 | 42 480 86 50 | 47 | 42 654 02 50 | 21 | 42 703 26 11 | 41 | 42 723 06 50 | 20   |
| 42 208 11 30 | 33 | 42 273 06 30 | 25 | 42 480 86 60 | 47 | 42 654 03 00 | 21 | 42 703 26 20 | 41 | 42 723 07 00 | 20   |
| 42 208 12 00 | 33 | 42 273 07 50 | 25 | 42 480 90 00 | 31 | 42 654 03 20 | 21 | 42 703 26 21 | 41 | 42 723 07 50 | 20   |
| 42 208 12 70 | 33 | 42 273 08 30 | 25 | 42 480 96 50 | 28 | 42 654 03 50 | 21 | 42 703 26 22 | 41 | 42 723 08 00 | 20   |
| 42 208 14 00 | 33 | 42 273 08 80 | 25 | 42 480 96 60 | 28 | 42 654 03 80 | 21 | 42 703 26 23 | 41 | 42 723 08 30 | 20   |
| 42 208 15 00 | 33 | 42 273 09 50 | 25 | 42 501 01 50 | 52 | 42 654 04 00 | 21 | 42 703 26 31 | 41 | 42 723 08 80 | 20   |
| 42 208 16 80 | 33 | 42 273 10 00 | 25 | 42 501 01 80 | 52 | 42 654 04 80 | 21 | 42 703 26 32 | 41 | 42 723 09 50 | 20   |
| 42 208 18 00 | 33 | 42 273 10 50 | 25 | 42 501 02 00 | 52 | 42 654 05 00 | 21 | 42 703 26 33 | 41 | 42 723 10 00 | 20   |
| 42 208 19 00 | 33 | 42 273 11 00 | 25 | 42 501 02 50 | 52 | 42 654 05 70 | 21 | 42 703 57 21 | 43 | 42 723 10 50 | 20   |
| 42 208 20 00 | 33 | 42 273 11 30 | 25 | 42 501 03 00 | 52 | 42 654 06 00 | 21 | 42 703 57 22 | 43 | 42 723 11 00 | 20   |
| 42 208 25 40 | 33 | 42 273 12 00 | 25 | 42 501 03 50 | 52 | 42 654 06 30 | 21 | 42 703 58 22 | 44 | 42 723 11 30 | 20   |
| 42 208 28 00 | 33 | 42 273 12 70 | 25 | 42 501 04 00 | 52 | 42 654 07 50 | 21 | 42 703 58 32 | 44 | 42 723 12 00 | 20   |
| 42 208 28 50 | 33 | 42 273 14 00 | 25 | 42 502 01 50 | 52 | 42 654 08 30 | 21 | 42 703 58 42 | 44 | 42 754 27 90 | 42   |
| 42 208 29 30 | 33 | 42 273 15 00 | 25 | 42 502 01 80 | 52 | 42 654 08 80 | 21 | 42 703 58 52 | 44 | 42 754 27 91 | 42   |
| 42 208 30 00 | 33 | 42 273 16 80 | 25 | 42 502 02 00 | 52 | 42 654 09 50 | 21 | 42 703 58 62 | 44 | 42 754 27 92 | 42   |
| 42 268 02 50 | 24 | 42 273 18 00 | 25 | 42 502 02 50 | 52 | 42 654 10 00 | 21 | 42 703 66 10 | 41 | 42 754 57 90 | 42   |
| 42 268 03 00 | 24 | 42 273 19 00 | 25 | 42 502 03 00 | 52 | 42 654 10 50 | 21 | 42 703 66 11 | 41 | 42 754 57 91 | 42   |
| 42 268 03 20 | 24 | 42 273 20 00 | 25 | 42 502 03 50 | 52 | 42 654 11 00 | 21 | 42 703 66 20 | 41 | 42 754 57 92 | 42   |
| 42 268 03 50 | 24 | 42 273 25 40 | 25 | 42 502 04 00 | 52 | 42 654 11 30 | 21 | 42 703 66 21 | 41 | 42 773 27 31 | 43   |
| 42 268 03 80 | 24 | 42 273 28 00 | 25 | 42 503 01 50 | 52 | 42 654 12 00 | 21 | 42 703 66 22 | 41 | 42 773 27 32 | 43   |
| 42 268 04 00 | 24 | 42 273 28 50 | 25 | 42 503 01 80 | 52 | 42 690 02 00 | 22 | 42 703 66 23 | 41 | 42 773 27 33 | 43   |
| 42 268 04 80 | 24 | 42 273 29 30 | 25 | 42 503 02 00 | 52 | 42 690 02 50 | 22 | 42 703 66 31 | 41 | 42 773 57 31 | 43   |
| 42 268 05 00 | 24 | 42 273 30 00 | 25 | 42 503 02 50 | 52 | 42 690 03 00 | 22 | 42 703 66 32 | 41 | 42 773 57 32 | 43   |
| 42 268 05 70 | 24 | 42 280 00 00 | 49 | 42 503 03 00 | 52 | 42 690 03 50 | 22 | 42 703 66 33 | 41 | 42 773 57 33 | 43   |
| 42 268 06 00 | 24 | 42 280 20 00 | 49 | 42 503 03 50 | 52 | 42 690 04 00 | 22 | 42 704 17 21 | 43 | 42 774 27 31 | 43   |
| 42 268 06 30 | 24 | 42 280 50 00 | 49 | 42 503 04 00 | 52 | 42 690 04 80 | 22 | 42 704 17 22 | 43 | 42 774 27 32 | 43   |
| 42 268 07 50 | 24 | 42 292 02 50 | 27 | 42 504 01 50 | 52 | 42 690 05 00 | 22 | 42 704 18 22 | 44 | 42 774 27 33 | 43   |
| 42 268 08 30 | 24 | 42 292 03 00 | 27 | 42 504 01 80 | 52 | 42 690 05 70 | 22 | 42 704 18 32 | 44 | 42 774 57 31 | 43   |
| 42 268 08 80 | 24 | 42 292 03 20 | 27 | 42 504 02 00 | 52 | 42 690 06 00 | 22 | 42 704 18 42 | 44 | 42 774 57 32 | 43   |
| 42 268 09 50 | 24 | 42 292 03 50 | 27 | 42 504 02 50 | 52 | 42 690 06 30 | 22 | 42 704 18 52 | 44 | 42 774 57 33 | 43   |
| 42 268 10 00 | 24 | 42 292 03 80 | 27 | 42 504 03 00 | 52 | 42 690 06 50 | 22 | 42 704 18 62 | 44 | 44 121 02 02 | 13   |
| 42 268 10 50 | 24 | 42 292 04 00 | 27 | 42 505 01 50 | 52 | 42 690 07 00 | 22 | 42 704 25 51 | 40 | 44 121 02 03 | 7/13 |
| 42 268 11 00 | 24 | 42 292 04 80 | 27 | 42 505 02 00 | 52 | 42 690 07 50 | 22 | 42 704 25 52 | 40 | 44 123 00 10 | 12   |
| 42 268 11 30 | 24 | 42 292 05 00 | 27 | 42 505 02 50 | 52 | 42 690 08 00 | 22 | 42 704 26 10 | 41 | 46 000 07 60 | 13   |
| 42 268 12 00 | 24 | 42 292 05 70 | 27 | 42 505 03 00 | 52 | 42 690 08 30 | 22 | 42 704 26 11 | 41 | 46 400 10 26 | 12   |
| 42 268 12 70 | 24 | 42 292 06 00 | 27 | 42 505 03 50 | 52 | 42 690 08 80 | 22 | 42 704 26 20 | 41 | 46 430 00 12 | 12   |
| 42 268 14 00 | 24 | 42 292 06 30 | 27 | 42 505 04 00 | 52 | 42 690 09 50 | 22 | 42 704 26 21 | 41 |              |      |
| 42 268 15 00 | 24 | 42 292 07 50 | 27 | 42 507 01 50 | 52 | 42 690 10 00 | 22 | 42 704 26 22 | 41 |              |      |
| 42 268 16 80 | 24 | 42 292 08 30 | 27 | 42 507 01 80 | 52 | 42 690 10 50 | 22 | 42 704 26 23 | 41 |              |      |
| 42 268 18 00 | 24 | 42 292 08 80 | 27 | 42 507 02 00 | 52 | 42 690 11 00 | 22 | 42 704 26 31 | 41 |              |      |
| 42 268 19 00 | 24 | 42 292 09 50 | 27 | 42 507 02 50 | 52 | 42 690 11 30 | 22 | 42 704 26 32 | 41 |              |      |
| 42 268 20 00 | 24 | 42 292 10 00 | 27 | 42 508 01 50 | 33 | 42 690 12 00 | 22 | 42 704 26 33 | 41 |              |      |
| 42 268 25 40 | 24 | 42 292 10 50 | 27 | 42 509 11 01 | 72 | 42 690 14 00 | 22 | 42 704 57 21 | 43 |              |      |
| 42 268 28 00 | 24 | 42 292 11 00 | 27 | 42 509 11 21 | 72 | 42 690 15 00 | 22 | 42 704 57 22 | 43 |              |      |
| 42 268 28 50 | 24 | 42 292 11 30 | 27 | 42 509 21 21 | 72 | 42 690 30 00 | 22 | 42 704 58 29 | 44 |              |      |
| 42 268 29 30 | 24 | 42 292 12 00 | 27 | 42 509 21 51 | 72 | 42 699 02 00 | 23 | 42 704 58 32 | 44 |              |      |
| 42 268 30 00 | 24 | 42 292 12 70 | 27 | 42 509 31 01 | 72 | 42 699 02 50 | 23 | 42 704 58 42 | 44 |              |      |
| 42 269 02 50 | 26 | 42 292 14 00 | 27 | 42 509 31 21 | 72 | 42 699 03 00 | 23 | 42 704 58 52 | 44 |              |      |
| 42 269 03 00 | 26 | 42 292 15 00 | 27 | 42 509 31 81 | 72 | 42 699 03 50 | 23 | 42 704 58 62 | 44 |              |      |
| 42 269 03 20 | 26 | 42 292 16 80 | 27 | 42 510 01 50 | 30 | 42 699 04 00 | 23 | 42 704 66 10 | 41 |              |      |
| 42 269 03 50 | 26 | 42 292 18 00 | 27 | 42 510 11 50 | 30 | 42 699 04 80 | 23 | 42 704 66 11 | 41 |              |      |
| 42 269 03 80 | 26 | 42 292 19 00 | 27 | 42 511 06 00 | 12 | 42 699 05 00 | 23 | 42 704 66 20 | 41 |              |      |
| 42 269 04 00 | 26 | 42 292 20 00 | 27 | 42 513 01 50 | 33 | 42 699 05 70 | 23 | 42 704 66 21 | 41 |              |      |
| 42 269 04 80 | 26 | 42 292 25 40 | 27 | 42 516 01 50 | 33 | 42 699 06 00 | 23 | 42 704 66 22 | 41 |              |      |
| 42 269 05 00 | 26 | 42 292 28 00 | 27 | 42 600 52 11 | 71 | 42 699 06 30 | 23 | 42 704 66 23 | 41 |              |      |
| 42 269 05 70 | 26 | 42 292 28 50 | 27 | 42 600 52 12 | 71 | 42 699 06 50 | 23 | 42 704 66 31 | 41 |              |      |
| 42 269 06 00 | 26 | 42 292 29 30 | 27 | 42 600 52 13 | 71 | 42 699 07 00 | 23 | 42 704 66 32 | 41 |              |      |
| 42 269 06 30 | 26 | 42 292 30 00 | 27 | 42 605 52 11 | 71 | 42 699 07 50 | 23 | 42 704 66 33 | 41 |              |      |
| 42 269 07 50 | 26 | 42 480 10 60 | 48 | 42 605 52 12 | 71 | 42 699 08 00 | 23 | 42 707 18 22 | 44 |              |      |
| 42 269 08 30 | 26 | 42 480 10 70 | 48 | 42 605 52 13 | 71 | 42 699 08 30 | 23 | 42 707 18 32 | 44 |              |      |
| 42 269 08 80 | 26 | 42 480 11 10 | 48 | 42 606 52 11 | 71 | 42 699 08 80 | 23 | 42 707 18 42 | 44 |              |      |
| 42 269 09 50 | 26 | 42 480 11 20 | 48 | 42 606 52 12 | 71 | 42 699 09 50 | 23 | 42 707 18 52 | 44 |              |      |
| 42 269 10 00 | 26 | 42 480 11 30 | 4  |              |    |              |    |              |    |              |      |

# mato General Conditions of Sale, Supply and Payment

## **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.

# mato General Conditions of Sale, Supply and Payment

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

## **VIII. Liability for associated obligation**

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

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

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

## **X. Court of jurisdiction**

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

MATO GmbH & Co. KG  
63165 Mühlheim  
Germany

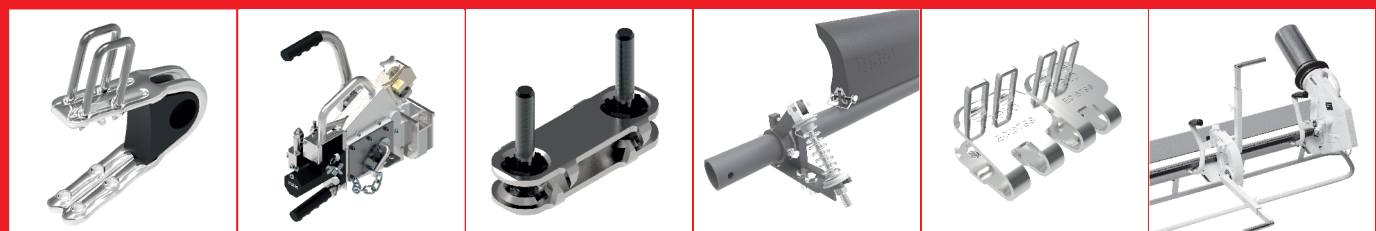
# mato

MATO Product Divisions:

Lubrication Equipment - Fluid Handling Products



Belt Maintenance Systems - Products for Conveyor Belts



# Global expertise in Belt Maintenance Products

# mato

Valid from: 01.01.2019



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 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



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



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



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 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



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



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



ISO 9001

**Q**  
mato