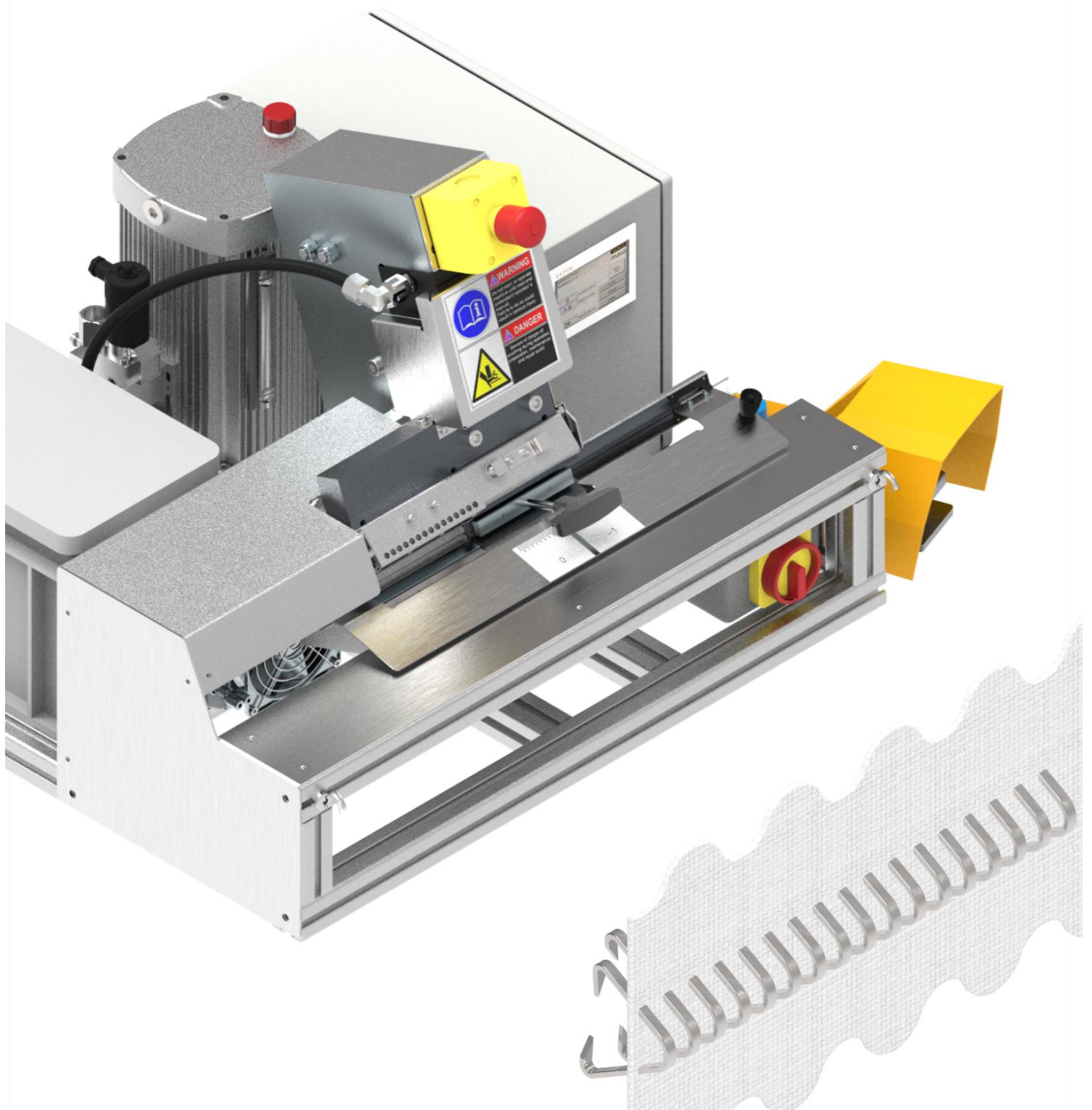


# mato



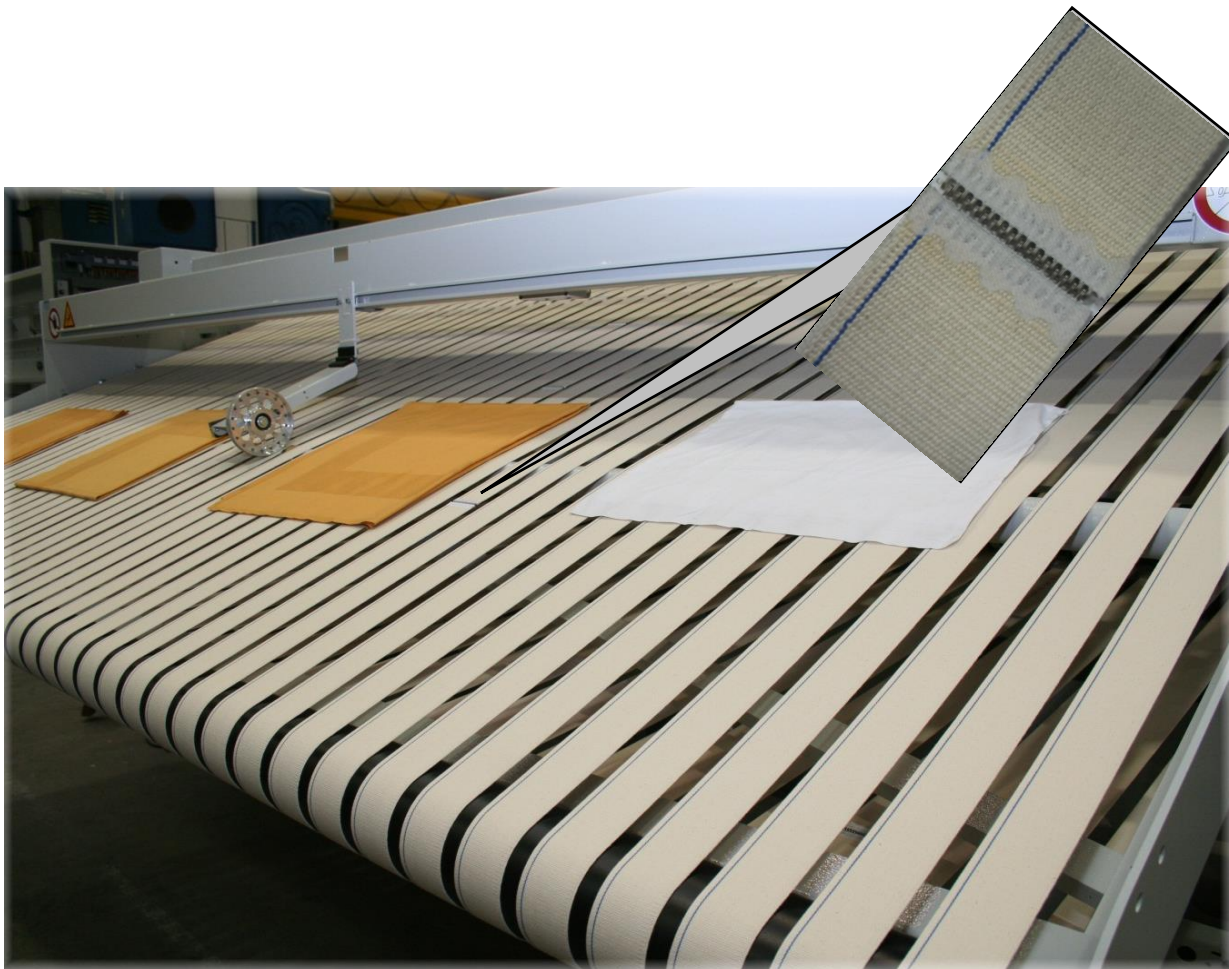
## Patch and Flat Wire Fasteners for the Laundry Industry

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

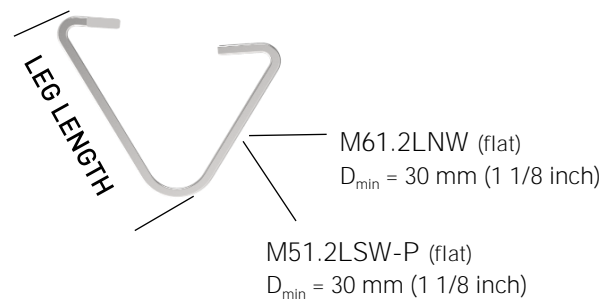
according to your requirements, please see selection chart below

### Selection of Connecting Pins

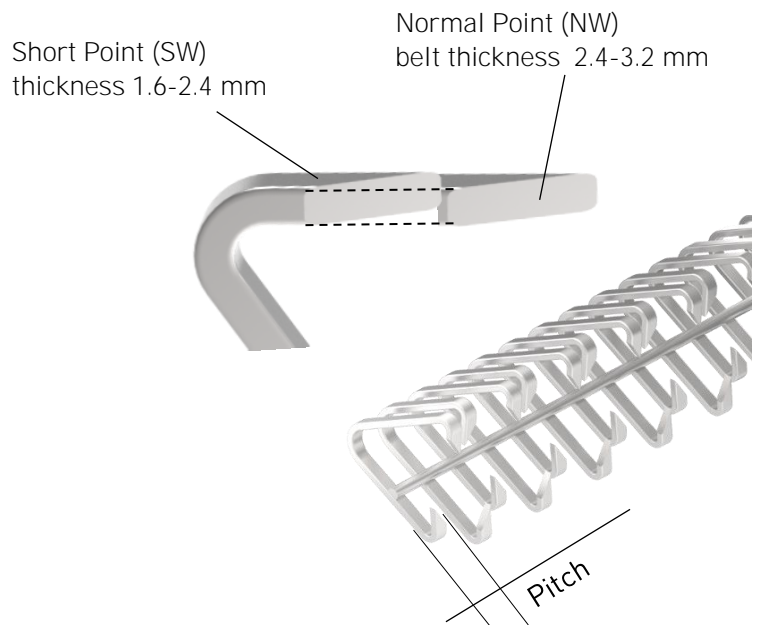
see pages 33

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 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"
				≤ 0,8mm	1,6mm	2,0mm	2,4mm	2,8mm	3,2mm	3,6mm	4,0mm
30mm 1 1/8"	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)		M51.2SW-SS-P						
	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)		M51.2SW-SS						
	0,65 x 0,5	0,026 x 0,020	1,5 (MK15)				M51.2NW-SS				

## Pitch 2,54mm

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

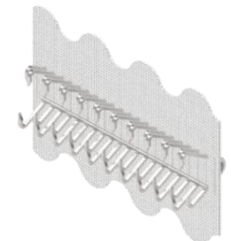
6 2.54 mm

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

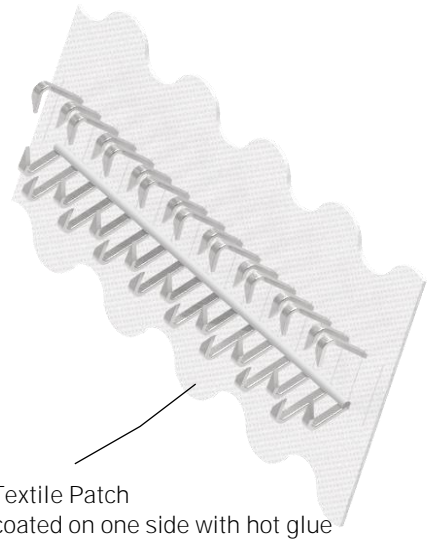
# PATCH Fasteners M51.2SW-SS-P

Pitch 1.7 mm / for Belt Thicknesses 1.6 - 2.4 mm

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**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



Textile Patch coated on one side with hot glue

- 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

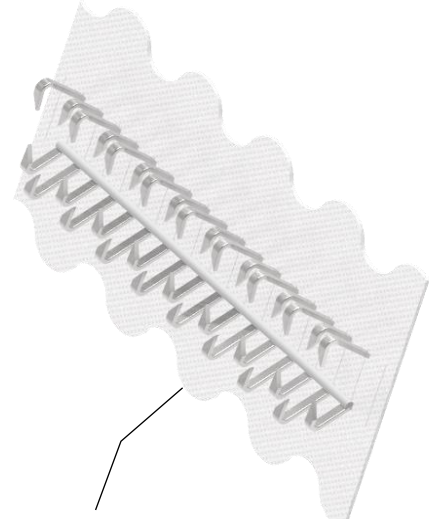
# PATCH Fasteners M61.2LSW-SS-P

Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**Belt Fastener M61.2LSW-SS-P (with Textile Patch)**  
 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
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**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
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

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

# 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
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**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
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

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



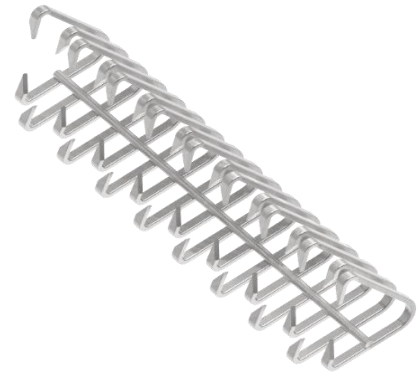
# Low Profile Fasteners M61.2LSW-SS

Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**Belt Fastener M61.2LSW-SS**  
 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
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
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



- Material: Stainless Steel 316L (1.4404)
- Pitch: 2.54 mm
- Belt Thickness: 1.6 - 2.4 mm
- Wire measurements: 0.9 x 0.5 mm
- Barred Fasteners



- Box content including Connecting Pin MK15-NYN

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

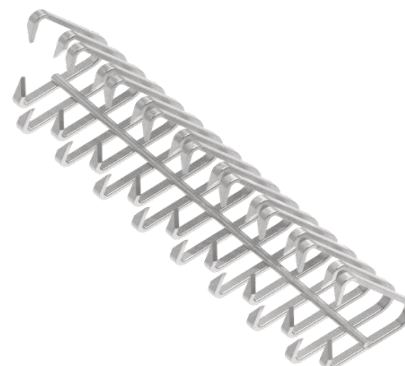
# Low Profile Fasteners M61.2LSW-S

Pitch 2.54 mm / for Belt Thicknesses 1.6 - 2.4 mm

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**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
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
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



- Material: Chromium Steel 430 (1.4016)
- Pitch: 2.54 mm
- Belt Thickness: 1.6 - 2.4 mm
- Wire measurements: 0.9 x 0.5 mm
- Barred Fasteners



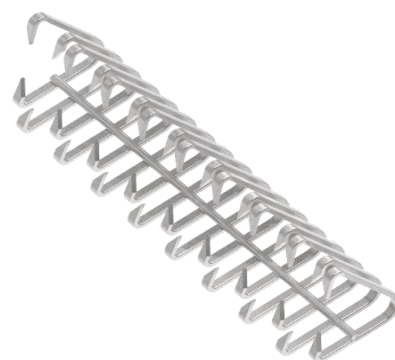
- Box content including Connecting Pin MK15-NYN

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

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**Belt Fastener M61.2LNW-SS**  
 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
75 mm	27 / 28	100	42 269 07 50	0.6
83 mm	29 / 30	50	42 269 08 30	0.4
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
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



- Material: Stainless Steel 316L (1.4404)
- Pitch: 2.54 mm
- Belt Thickness: 2.4 - 3.2 mm
- Wire measurements: 0.9 x 0.5 mm



- Box content including Connecting Pin MK15-NYN

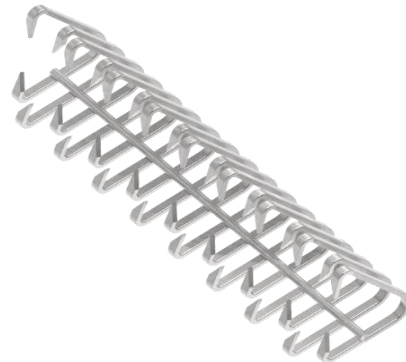
Please see pages 33 for more Connecting Pins / Fasteners for other belt width upon request

Belt Width	Fasteners per Strip	No. Of Laces	Order No.	kg
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**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
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
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



- Material: Chromium Steel 430 (1.4016)

- Pitch: 2.54 mm

- Belt Thickness: 2.4 - 3.2 mm

- Wire measurements: 0.9 x 0.5 mm

- Barred Fasteners



- Box content including Connecting Pin MK15-NYN

Description	Pitch (mm)	Order No.	kg
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**Lacing Tools MATOPATCHLEVER with fixed Fastener Retainer**

MATOPATCHLEVER 50WP (Max. Belt Width 60 mm)	1.7	42 480 96 50	6.0
MATOPATCHLEVER 60WP (Max. Belt Width 60 mm)	2.54	42 480 96 60	6.0

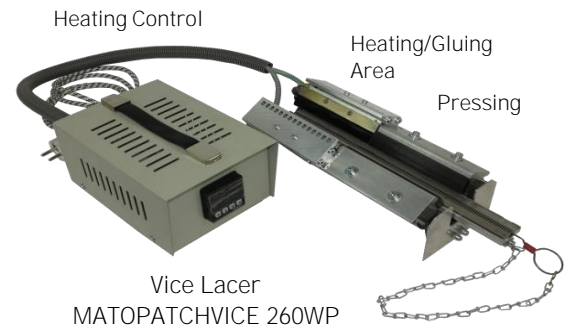


The MATOPATCHLEVER 50WP resp. 60WP was developed for installing MATOPATCH Fasteners with pitches 1.7 mm or 2.54 mm. Since this tool does not require a vice, it enables simple installation directly at machines in commercial laundries. Installing the fasteners and the textile patch is achieved in one step.

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 260WP (Heating and Pressing Area 120 mm each)	1.7	42 200 02 04	6.5
MATOPATCHVICE 260WP (Heating and Pressing Area 120 mm each)	2.54	42 200 02 02	6.5



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).

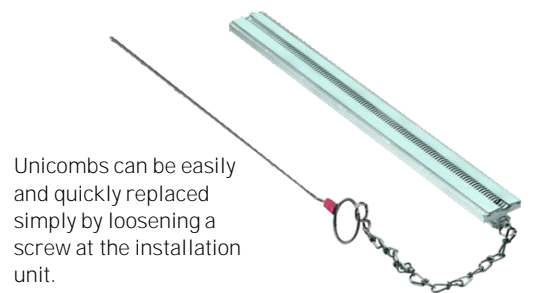
The maximum installation width of the Vice Lacer MATOPATCHVICE 260WP is 120 mm. All fasteners with or without patch (1.7 or 2.54 mm pitch) can be installed.

- 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 incl. Comb Pin Dia. 1.5 mm	1.7	42 480 21 51	0.5
UNICOMB 60-260VH-WP incl. Comb Pin Dia. 1.7 mm	2.54	42 480 11 51	0.5



For processing bigger quantities, please ask for our Lacing Tools

Description

Order No.

kg

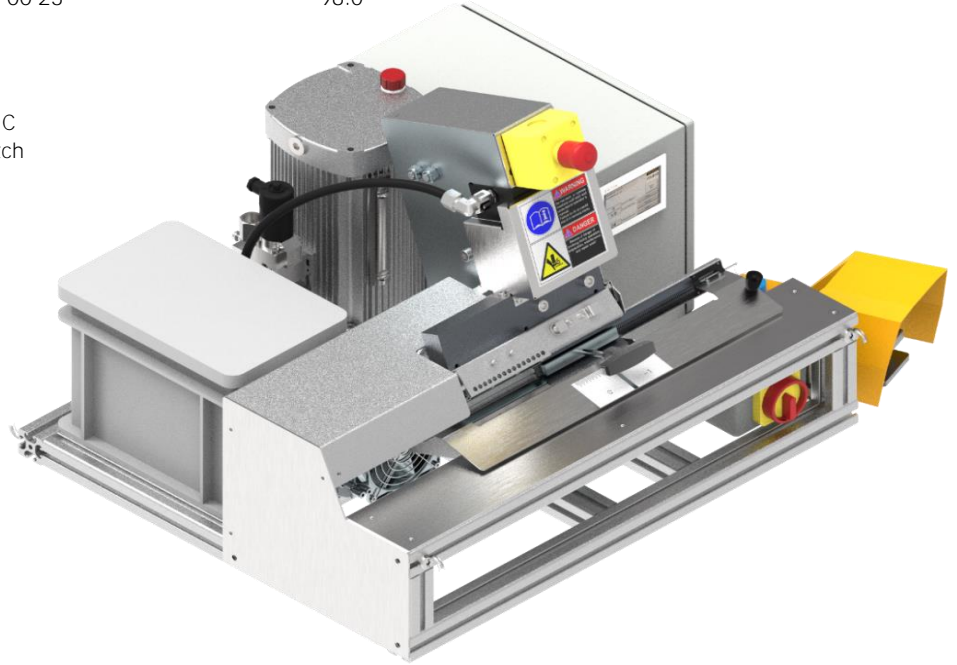
Installation Machine 260WP Compact

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
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Accessories

Belt Cutter LD	150 mm	42 510 01 50	2.4
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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 for Belt Cutter LD (PU 1)		42 510 11 50	0.01
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Spare Blade with eight positions.

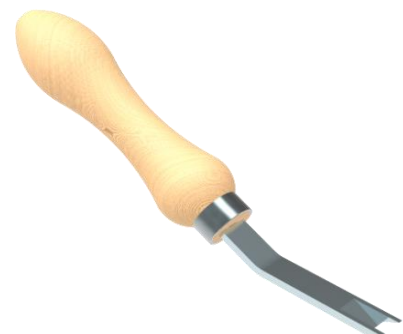
Textile Belt Cutter 90° Angle Stop	50 mm	42 050 10 10	0.4
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Spare Blade for Textile Belt Cutter (PU 10)		42 050 10 11	0.01
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The Textile Belt Cutter is ideal for cutting Light Duty Belts such as Laundry Belts. The 90° stop produces an accurate cut.

Supergrip Skiver	7 mm	42 640 00 00	0.1
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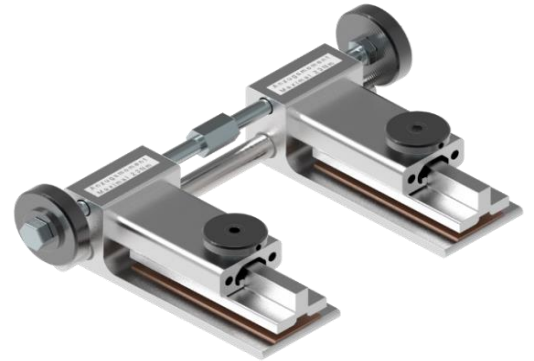


Hand Skiver for patterned and rough top belts.

Description	Working Width	Order No.	kg
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Accessories

Belt Clamp W1	100 mm	42 480 90 00	1.2
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The Belt Clamp W1 enables easy tensioning and de-tensioning of laundry belts.

Fastener Inserting Tool	50 mm	42 200 20 90	0.1
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Fastener Inserting Tool	90 mm	42 200 20 91	0.2
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Fastener Inserting Tool	120 mm	42 200 20 92	0.3
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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

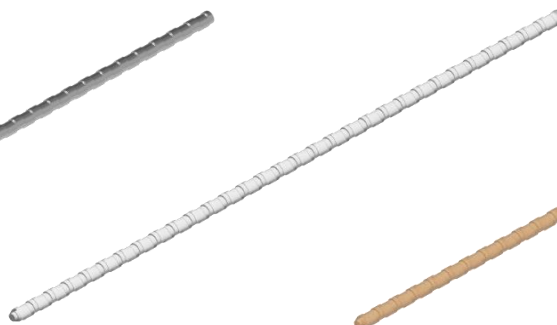
○○○○○

excellent

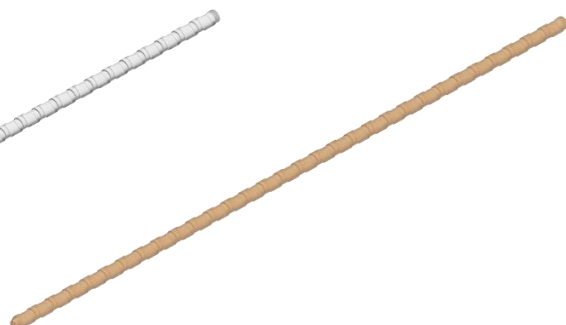
●●●●●



WSSN



NYN



PEEN

\* PEEK (high temperature resistant Polyetheretherketone)

# Connecting Pins MK15 for Fasteners M60

Belt Width	Length (mm)	No. Pins Packing Unit	Order No.	kg
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**Connecting Pin MK15 NYN, cut to length**  
Solid Nylon notched

25 mm	22	100	42 208 02 50	0.01
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

Material: Wear resistant Nylon

- Connecting Pins notched
- Diameter 1.5 mm



**Connecting Pin MK15 NYN, 30 Meter Coil**  
Solid Nylon, notched

MK15-NYN	30 Meter	1	42 513 01 50	0.1
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**Connecting Pin MK15 WSSN, 30 Meter Coil**  
Wire Stainless 316 (1.4401), notched

MK15-WSSN	30 Meter	1	42 508 01 50	0.38
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**Connecting Pin MK15 PKN, 30 Meter Coil**  
Notched PEEK-Cord

MK15-PEN	30 Meter	1	42 516 01 50	0.1
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