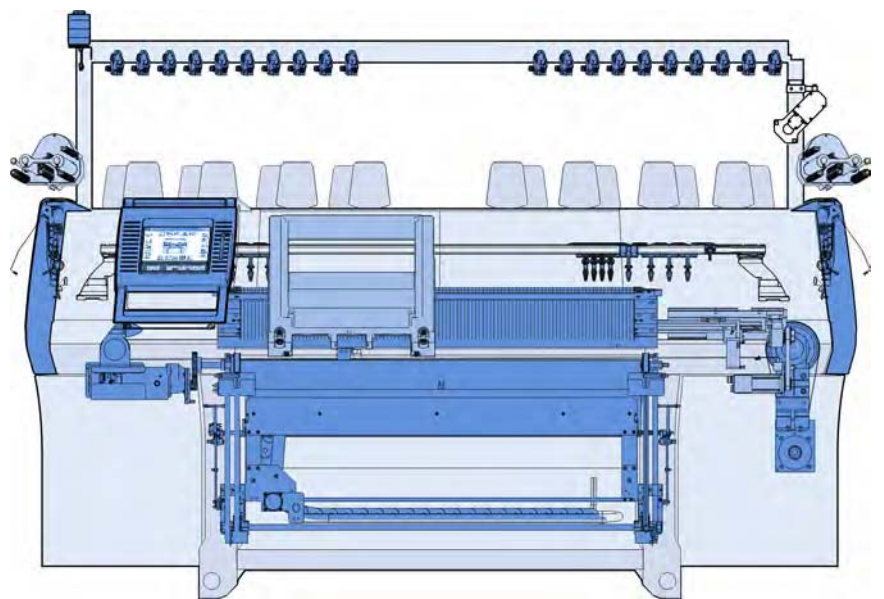


CMS 520 (Type 567)

Component type 000



Impressum

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The indications of this catalog are without liability.

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H. Stoll GmbH & Co.KG

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D-72760 Reutlingen, Germany

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Fax: +49 (07121) 313-347

e-mail: spareparts@stoll.com

Introduction

Notes for the order

This catalog serves to order spare parts.

It applies only to the machine type recorded on the title page.

With orders of spare parts we earnestly request the following details, as otherwise a satisfactory delivery of parts is not possible:

1. Type of machine, gauge, no. of machine.
2. Page no., specification, ident. no., quantity.

Please use the order form!

Use original spare parts from Stoll for repairing only.

Order form

Telefon +49 (7121) 313-289
 Telefax +49 (7121) 313-347
 email: spareparts@stoll.com

H. Stoll GmbH & Co. KG
 PO box 2544

D-72715 Reutlingen

Order number

Receipt date

Company

Name

Street

Postal code town

Phone

Fax

Customer no.

Shipping mode

Date of order

Maschine type

Gauge

Masch.-Nr.

Sirix-Nr.

Spare parts order

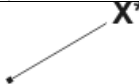
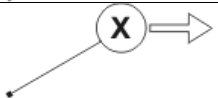
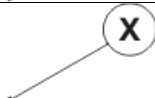
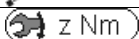
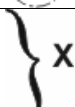
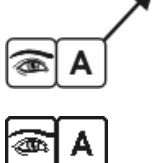
Page no.	Designation	Ident no.	Piece no.	Comment

Date

Signature

Search help

In order to make the search of the spare parts easier, the following elements will be used in the spare parts catalog:

Symbol	Meaning
	Indicates an assembly
	Position indicator with the position number (X).
	Indicates an element of another assembly.
	Indicates an assembly which is represented more detailed beside.
	Indicates an assembly which is represented on another page more detailed.
	Screw torques (z) deviating from the preferential row.
	Detail, represented enlarged in the direction of the arrow.
	Indicates a group of parts.
	Indicates the left side or view.
	Indicates the right side or view.
	Indicates a section in the line of view.

Torques

Drehmomente Torques Couples Coppias Momentos de rotación [Nm] ± 10 % (für $\mu_{ges} = 0,12$)		Festigkeitsklassen Property class Classes de résistance Classi di resistenza Clases de resistencia		
		4,8	8,8	12,9
Regelgewinde Coarse-pitch thread Filetage à pas gros Filetto regolatore Filete regulador	M3	0,6	1,2	2,5
	M4	1,2	2,5	5
	M5	2,5	5	9
	M6	5	9	18
	M8		18	40
	M10		40	
	M12		80	

Preferential row of torques

- Torques are **valid** for:
Connection steel-steel, black, phosphatized, galvanized, rolled or cut thread as well as only for plain (head) supports.
- Torques are **not valid** for:
protected screws with: Lock washers, rib heads, coated and clamping screws and nuts. They are also not used for self-grooving threads.
- Torques differing from this preferential row of torques must be taken from the corresponding location in the drawings.

Overview

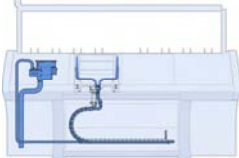
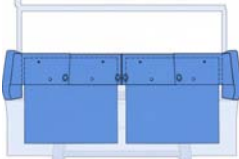
	Main take-down
	Comb take-down
	Needle beds
	Fluff absorption
	Safety equipment
	Operating and control
	Carriage drive
	Racking
	Carriage
	Control electronics

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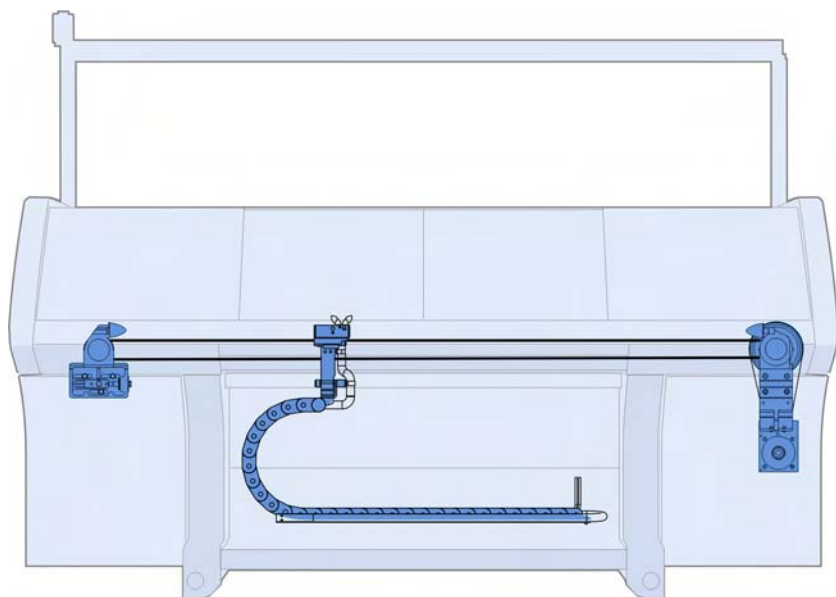
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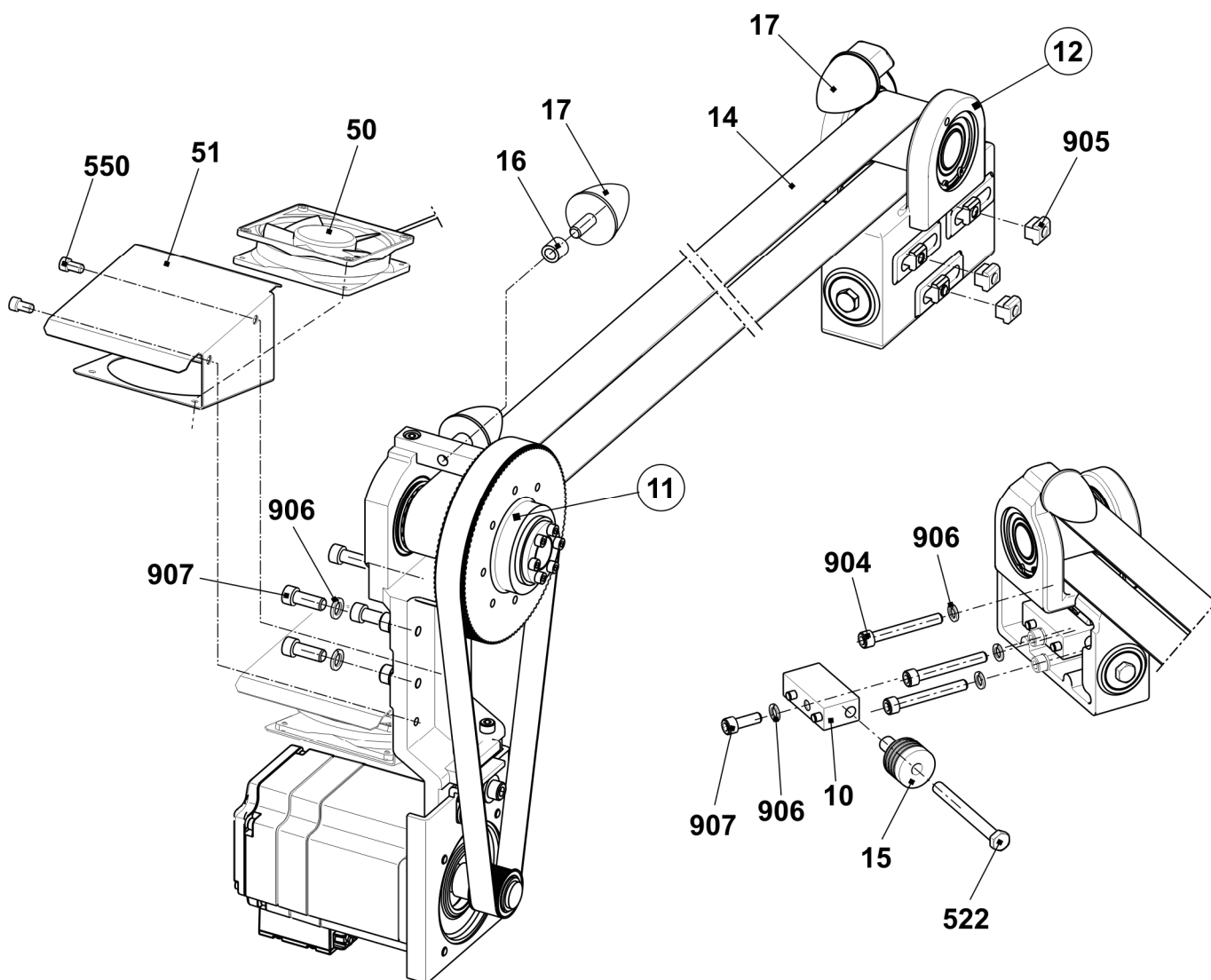
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Carriage drive



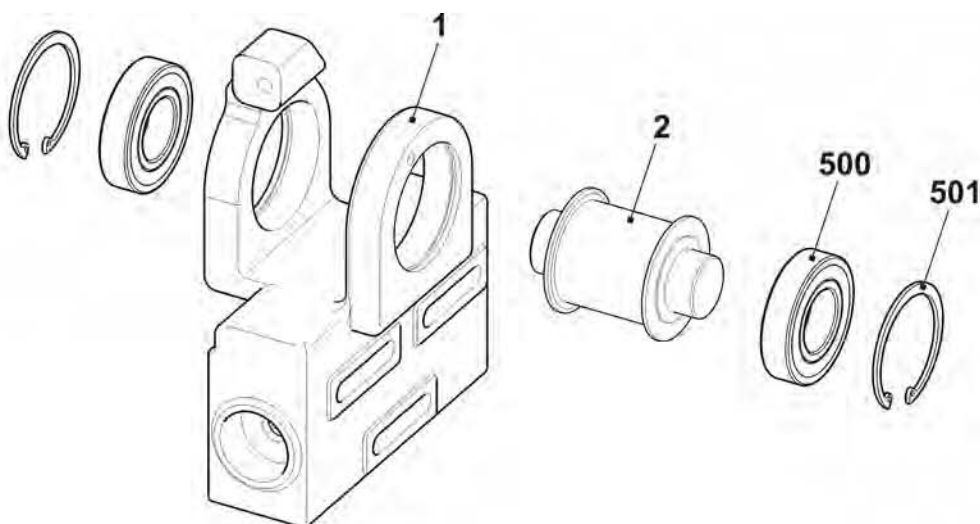
Drive

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive unit racking 566	214 456	50	Ventilator complete 512	213 722
10	Stop point	226 553	51	Ventilator plate drive motor	241 823
11	Drive unit complete	240 743	550	Cap screw M8X12	023 138
12	Tension bearing complete	241 655	522	Hexagon screw M12X120	022 934
14	Toothed belt 50AT10/4700	240 688	904	Cap screw M10x80	020 165
15	Adjusting sleeve complete	222 530	905	Slide nut M10X12	023 471
16	Distance pipe	222 099	906	Spring washer A 10	021 010
17	Parabolic spring	200 661	907	Cap screw M10x25	020 157



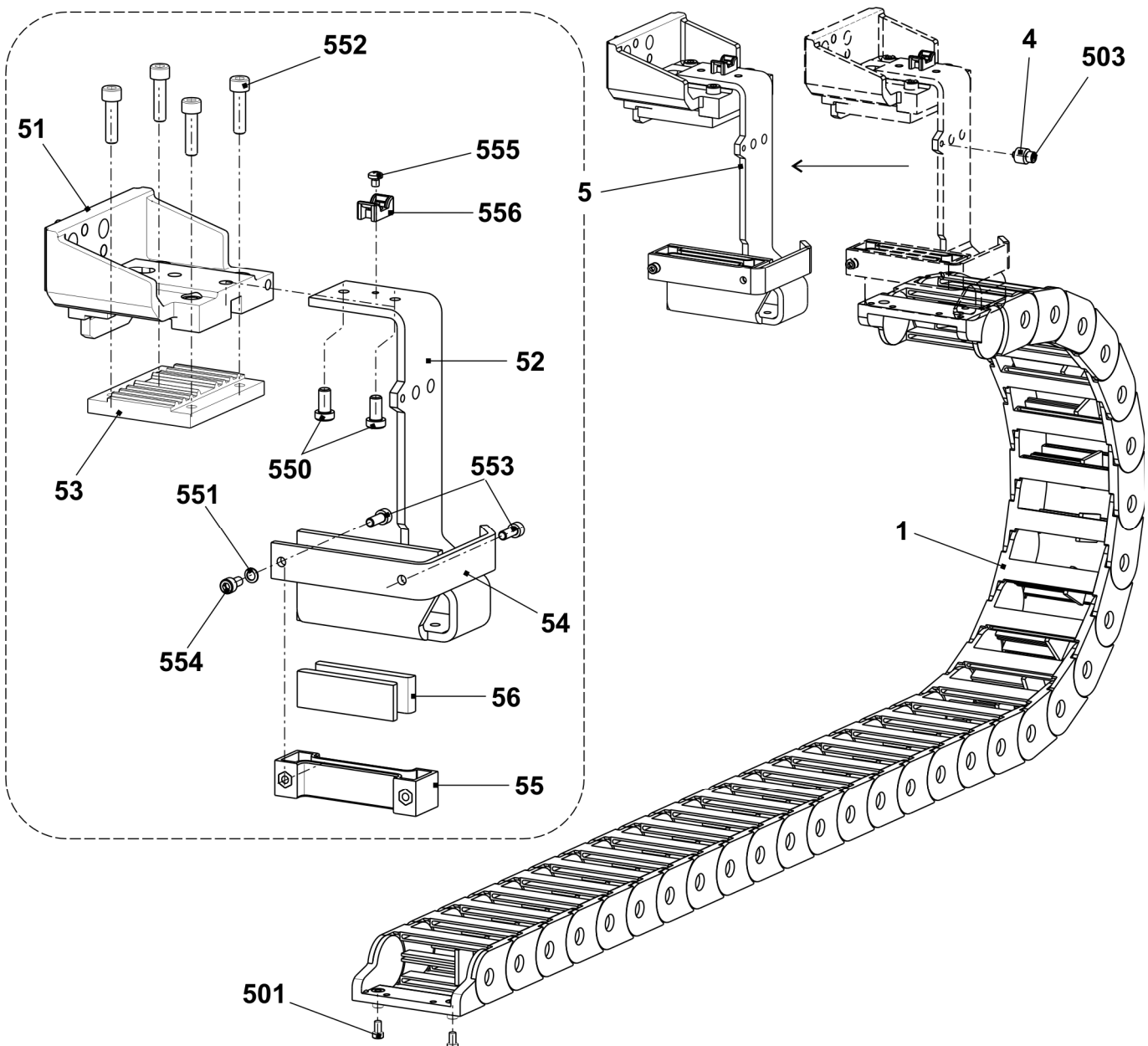
Tension bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension bearing complete	241 655	500	Ball bearing 6207-2RS	022 915
1	Housing tension bearing	241 656	501	Locking ring 72x2.5	022 914
2	Tension roller	222 055			

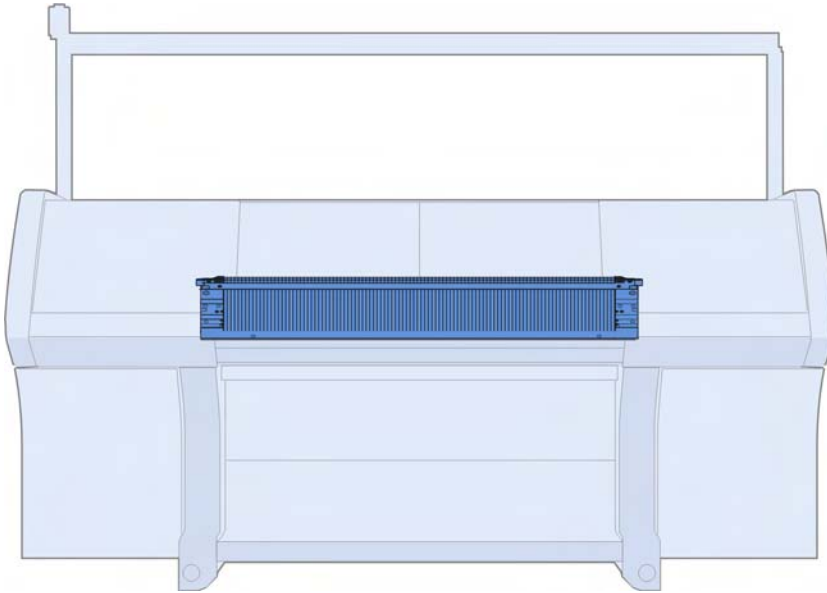


Energy chain and carriage driver

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Energy chain (30 links)	241 555	5	Continuation carriage driver complete	
4	Spacer	214 584	56	Cellular caoutchouc black	202 597
501	Cap screw M6x8	023 411	550	Cap screw M8x16 8.8	023 144
503	Cap screw M6X16	020 135	551	Circlip S6	022 752
5	Carriage driver complete	241 430	552	Cap screw M8X30	020 143
51	Carriage driver	241 404	553	Cap screw M6X16	020 135
52	Cable driver	241 431	554	Cap screw M6X12	020 134
53	Clamping plate	226 111	555	Countersunk screw M5x6	023 284
54	Covering bar	230 698	556	Fixing element	026 489
55	Cable holder	204 688			

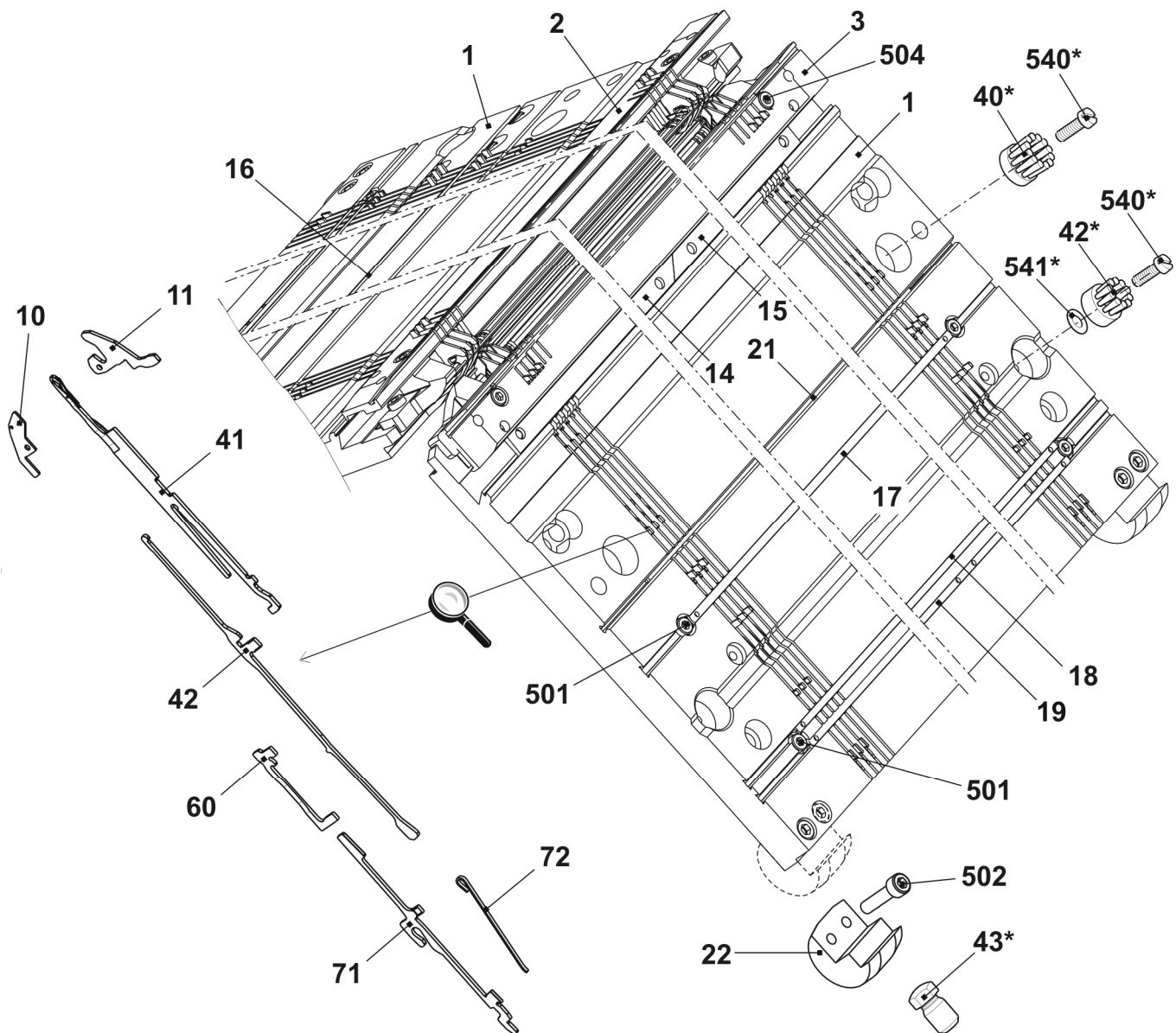


Needle beds



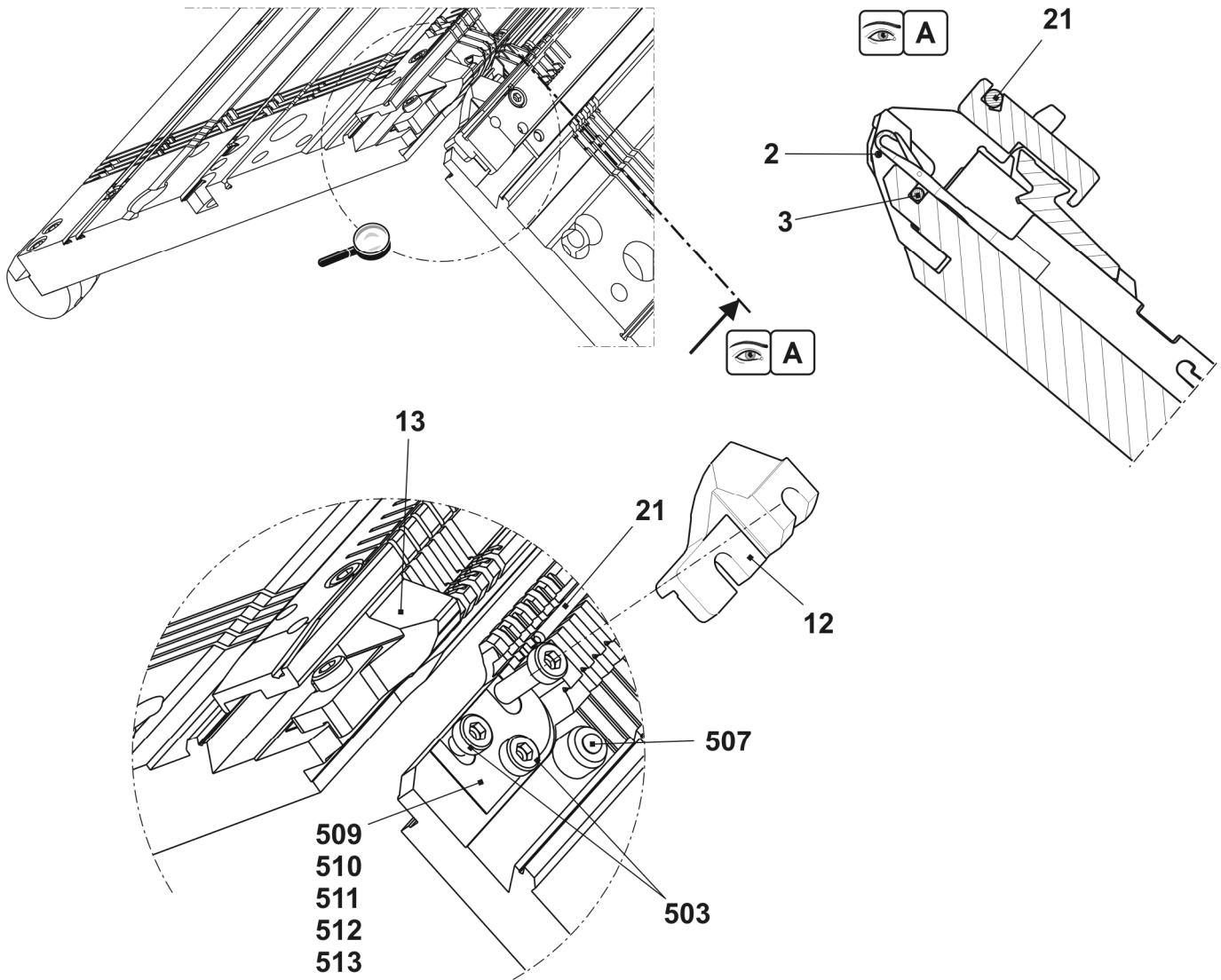
Needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5	241 492	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed E5	240 444	19	Cover rail	213 763
3	Holding-down jack bed at the front E5	240 427	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E5 - E6 with round hook	205 396	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E5	204 996	42*	Plate brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



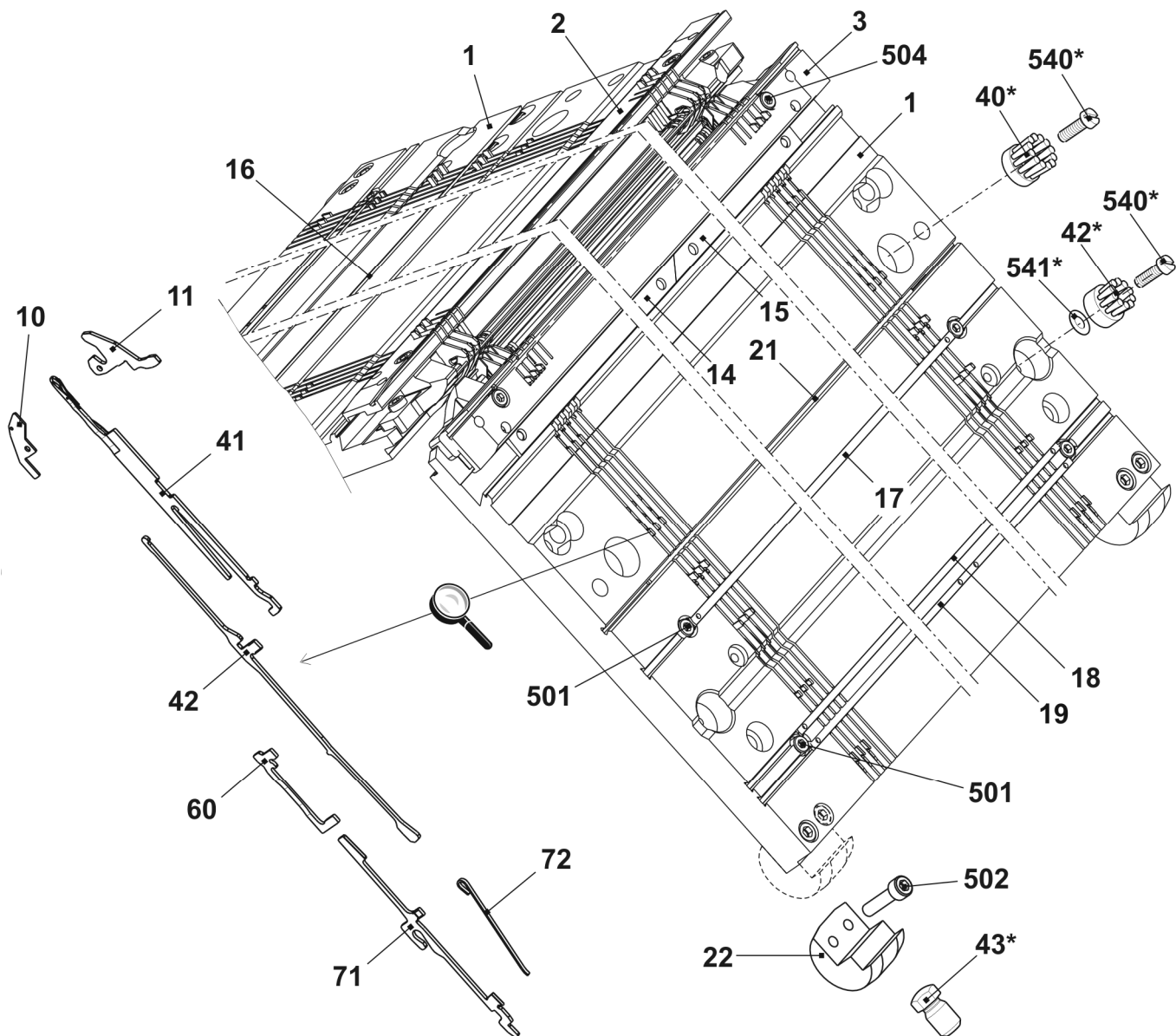
Continuation needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



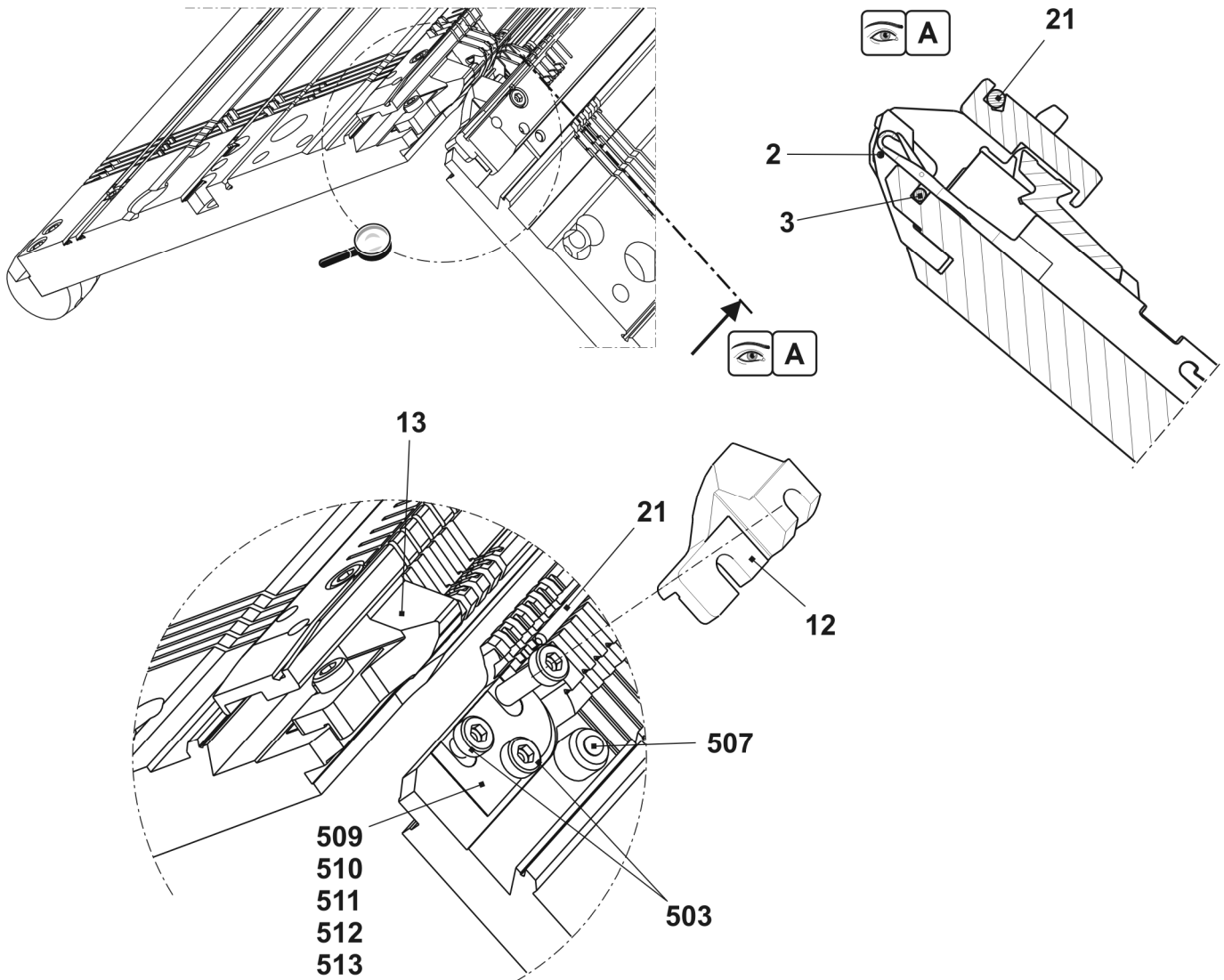
Needle bed E5m.4

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E5m.4	241 492	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed E5	240 444	19	Cover rail	213 763
3	Holding-down jack bed at the front E5	240 427	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5.2 - E3,5.2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E5	204 996	42*	Plate brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



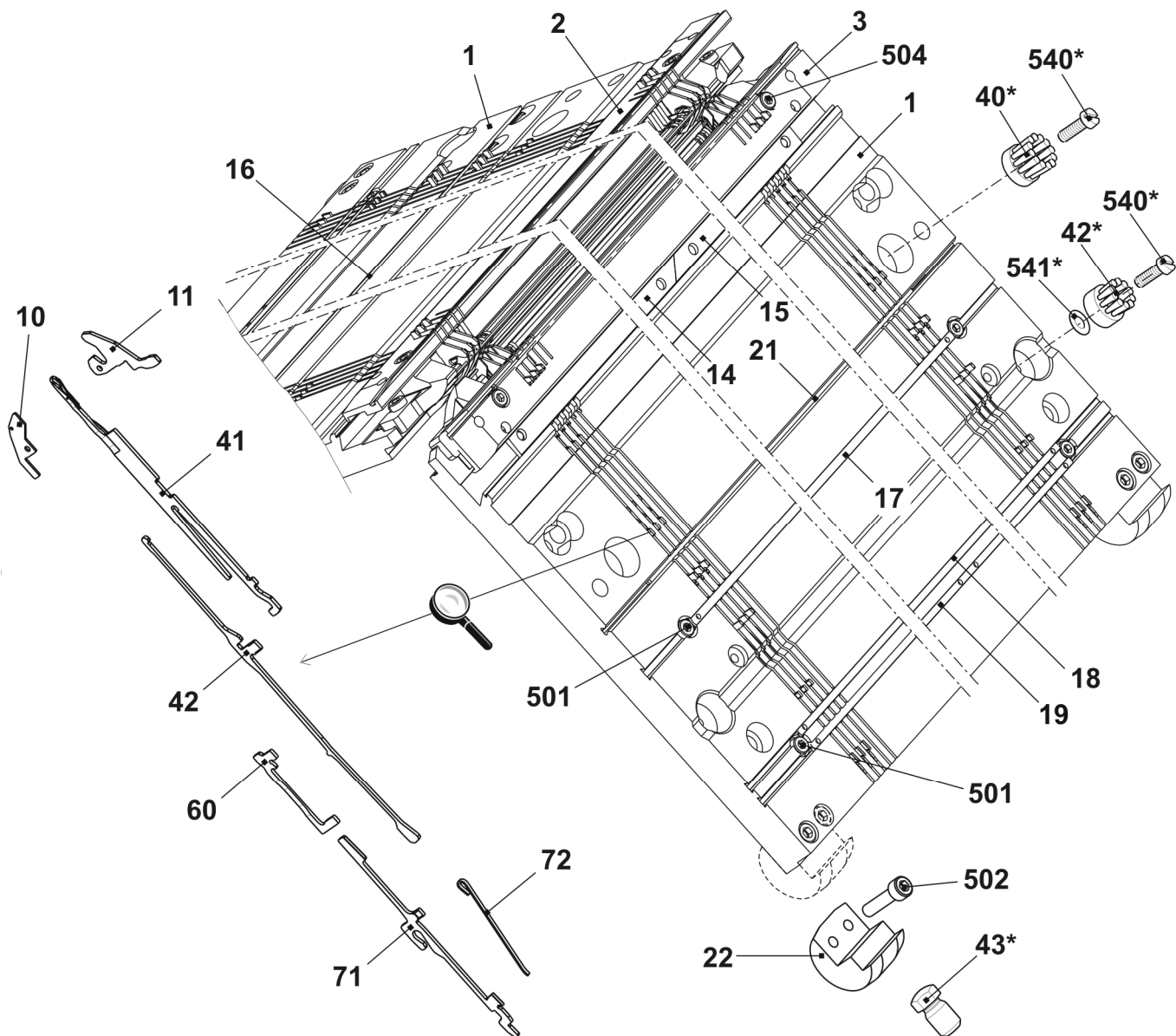
Continuation needle bed E5m.4

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



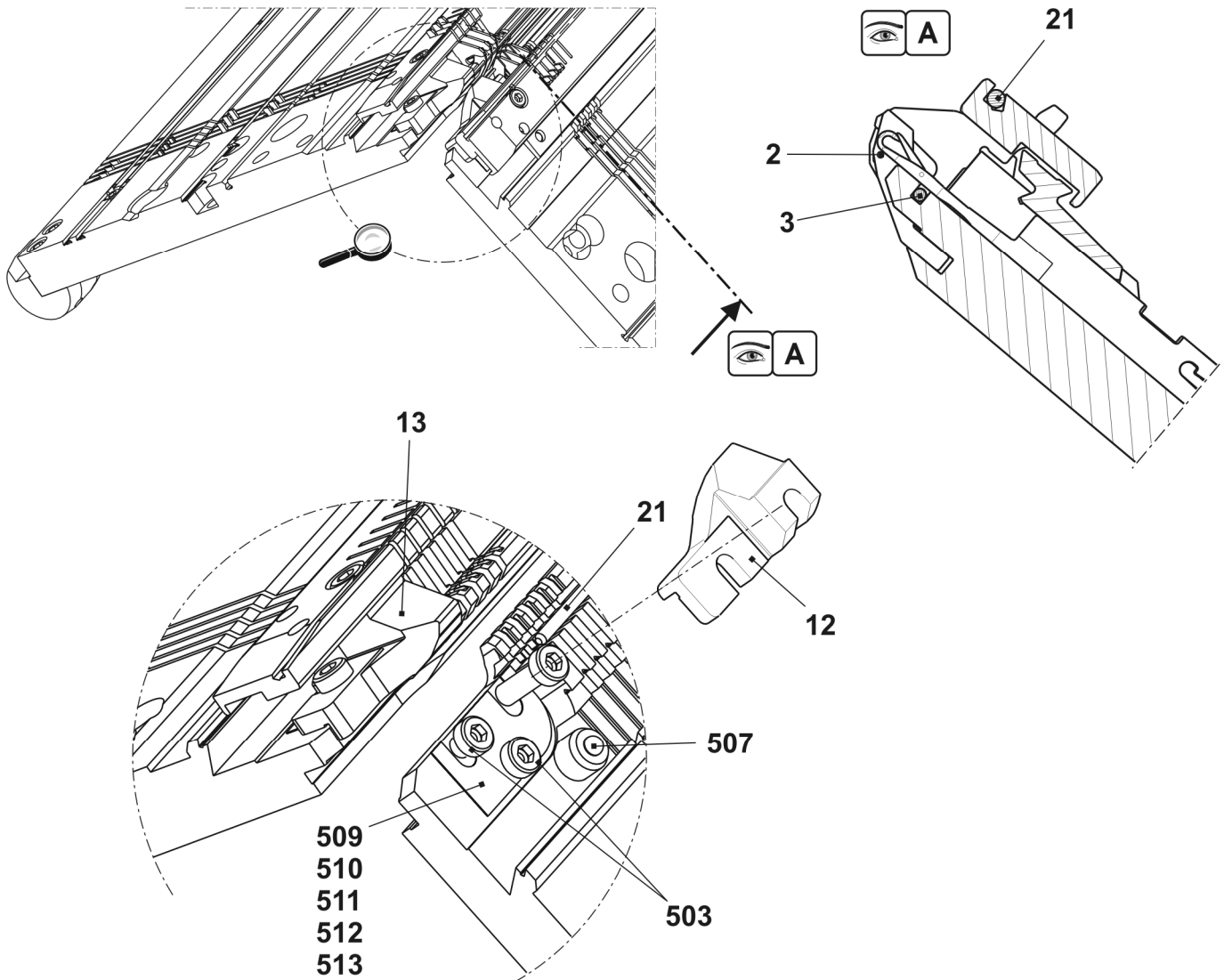
Needle bed E2,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E2,5.2	241 507	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed at the rear E2,5.2	240 452	19	Cover rail	213 763
3	Holding-down jack bed at the front E2,5.2	240 435	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5.2 + E3,5.2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E5	204 996	42*	Plate brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



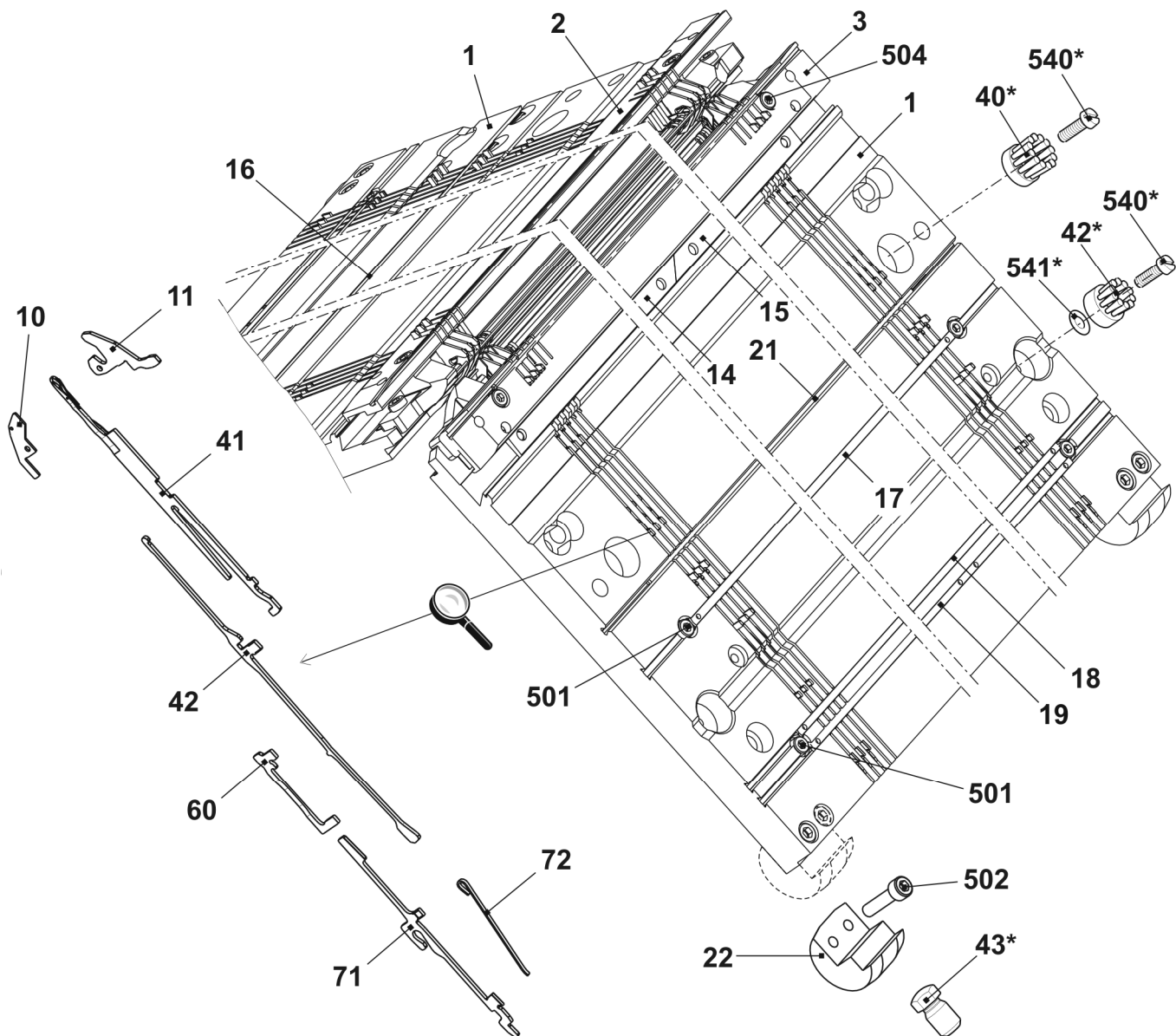
Continuation needle bed E2,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



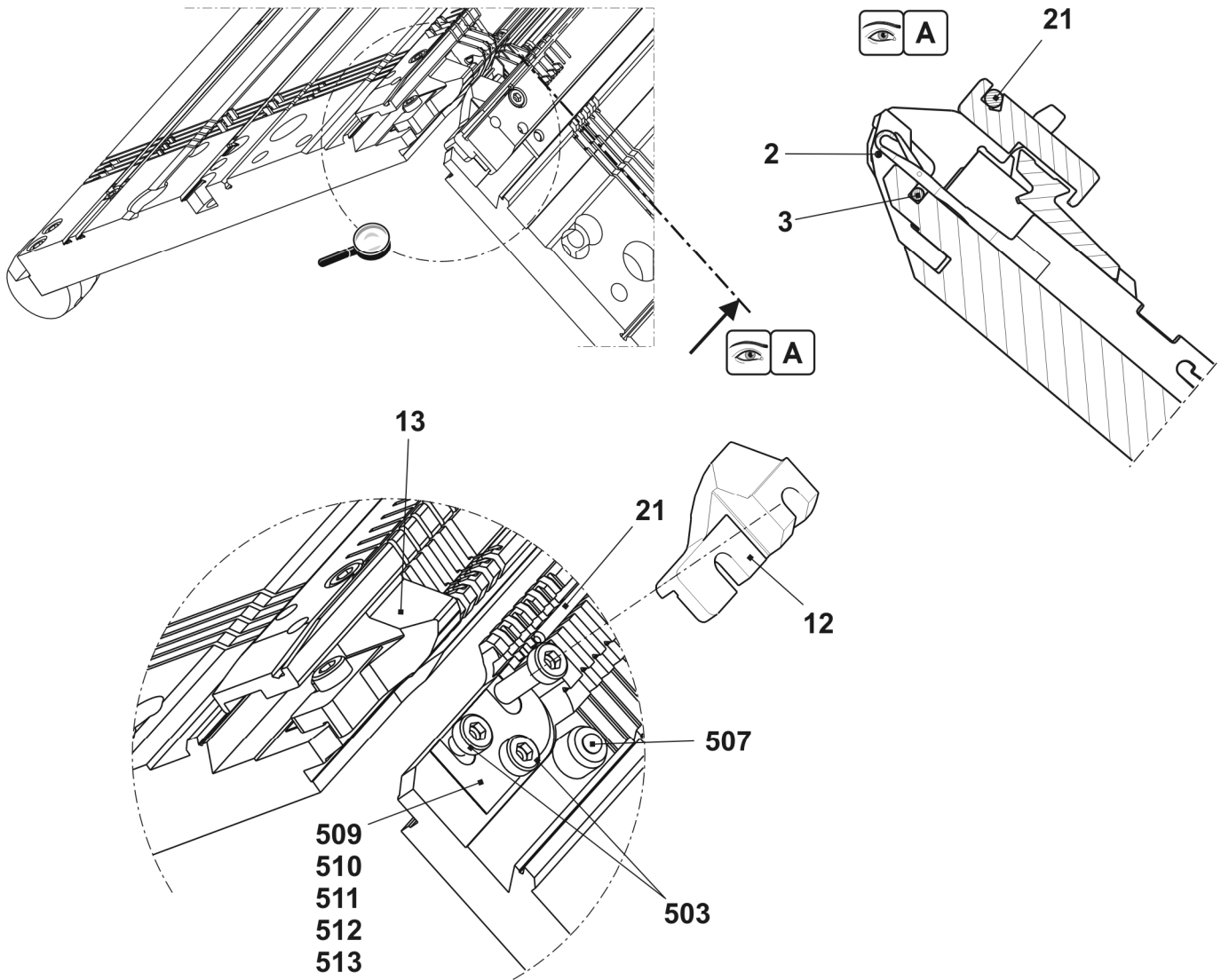
Needle bed E3,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E3,5.2	241 508	17	Cover rail at the front E7	214 034
1	Needle bed at the front and rear E7	240 379	18	Cover rail	213 762
2	Holding-down jack bed E3,5.2	240 453	19	Cover rail	213 763
3	Holding-down jack bed at the front E3,5.2	240 436	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5.2 + E3,5.2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E7	207 055	42*	Plate brush	202 600
11	Holding-down jack E7	205 032	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



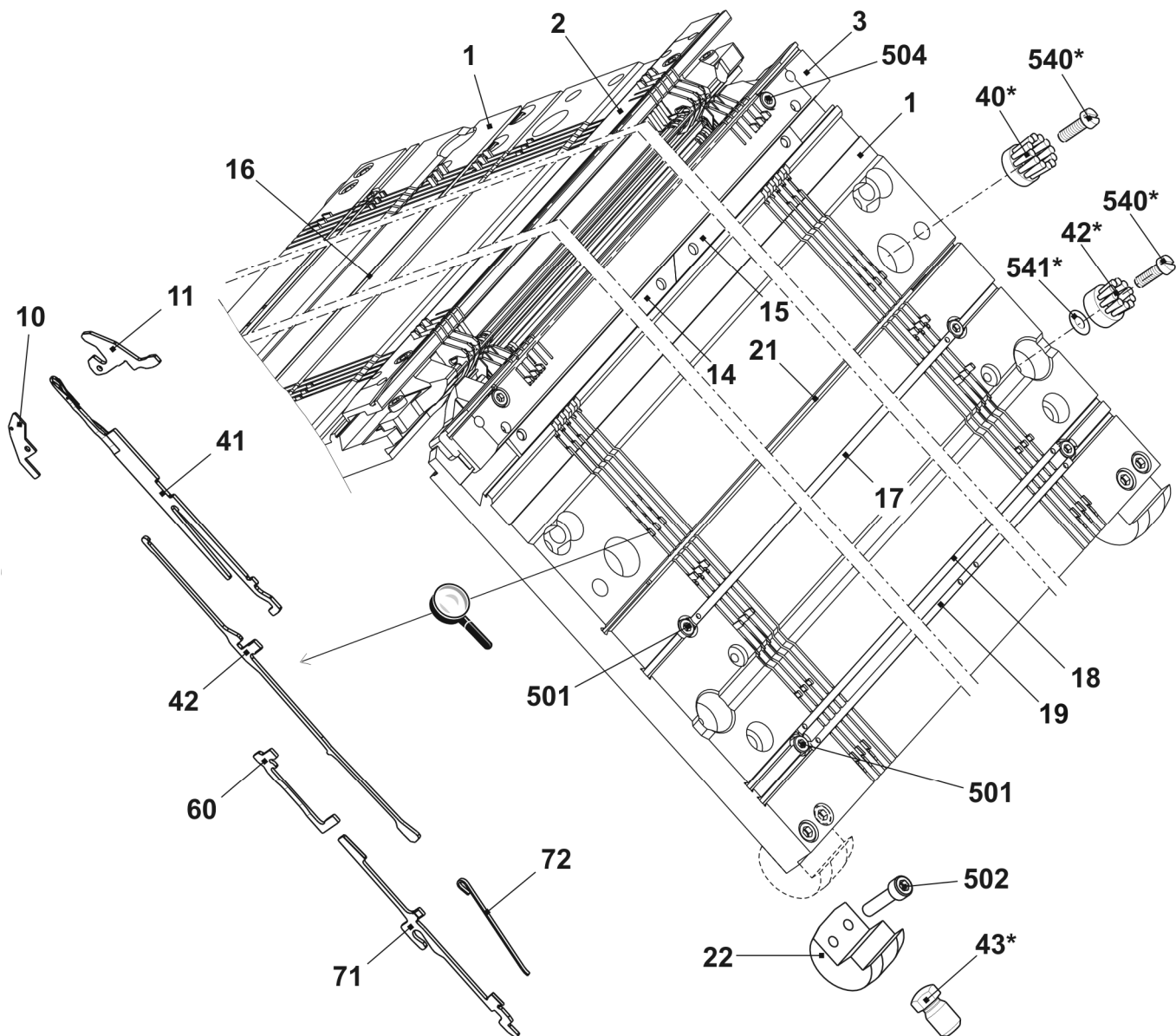
Continuation needle bed E3,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - R8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



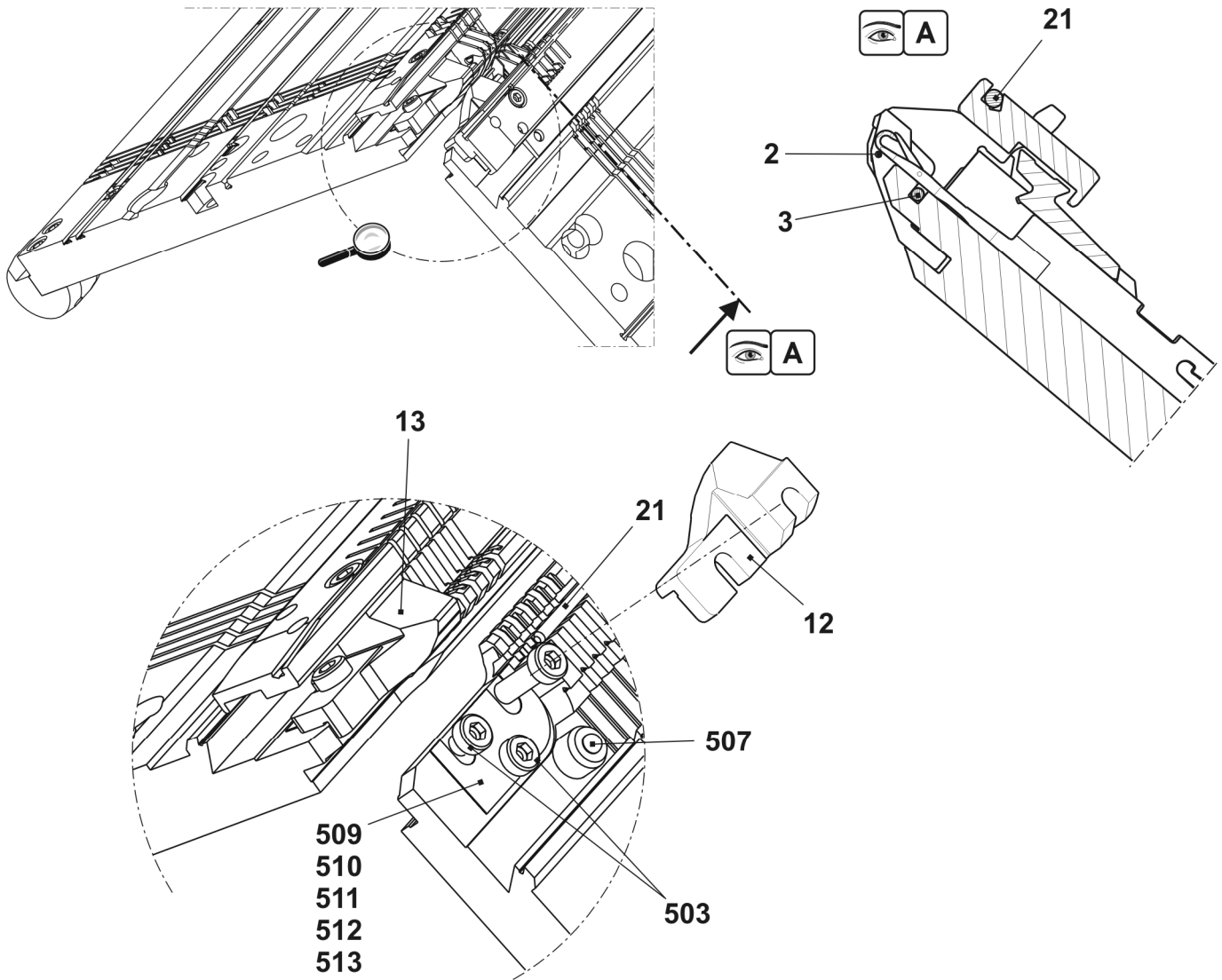
Needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7	241 493	17	Cover rail at the front E7	214 034
1	Needle bed at the front and rear E7	240 379	18	Cover rail	213 762
2	Holding-down jack bed E7	240 445	19	Cover rail	213 763
3	Holding-down jack bed at the front E7	240 428	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E7 with round hook	205 397	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 – E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 – E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E7	207 055	42*	Plate brush	202 600
11	Holding-down jack E7	205 032	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



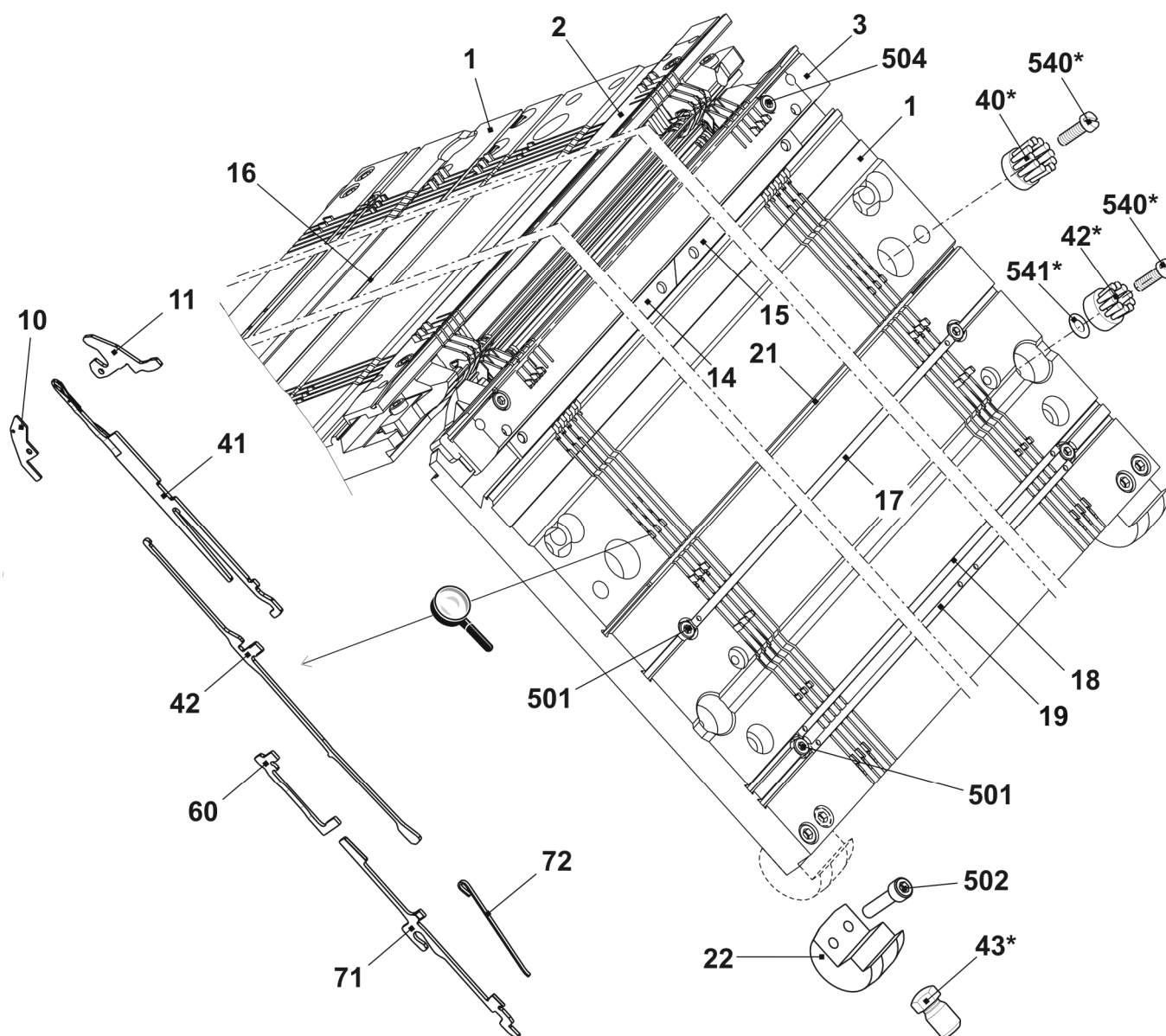
Continuation needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



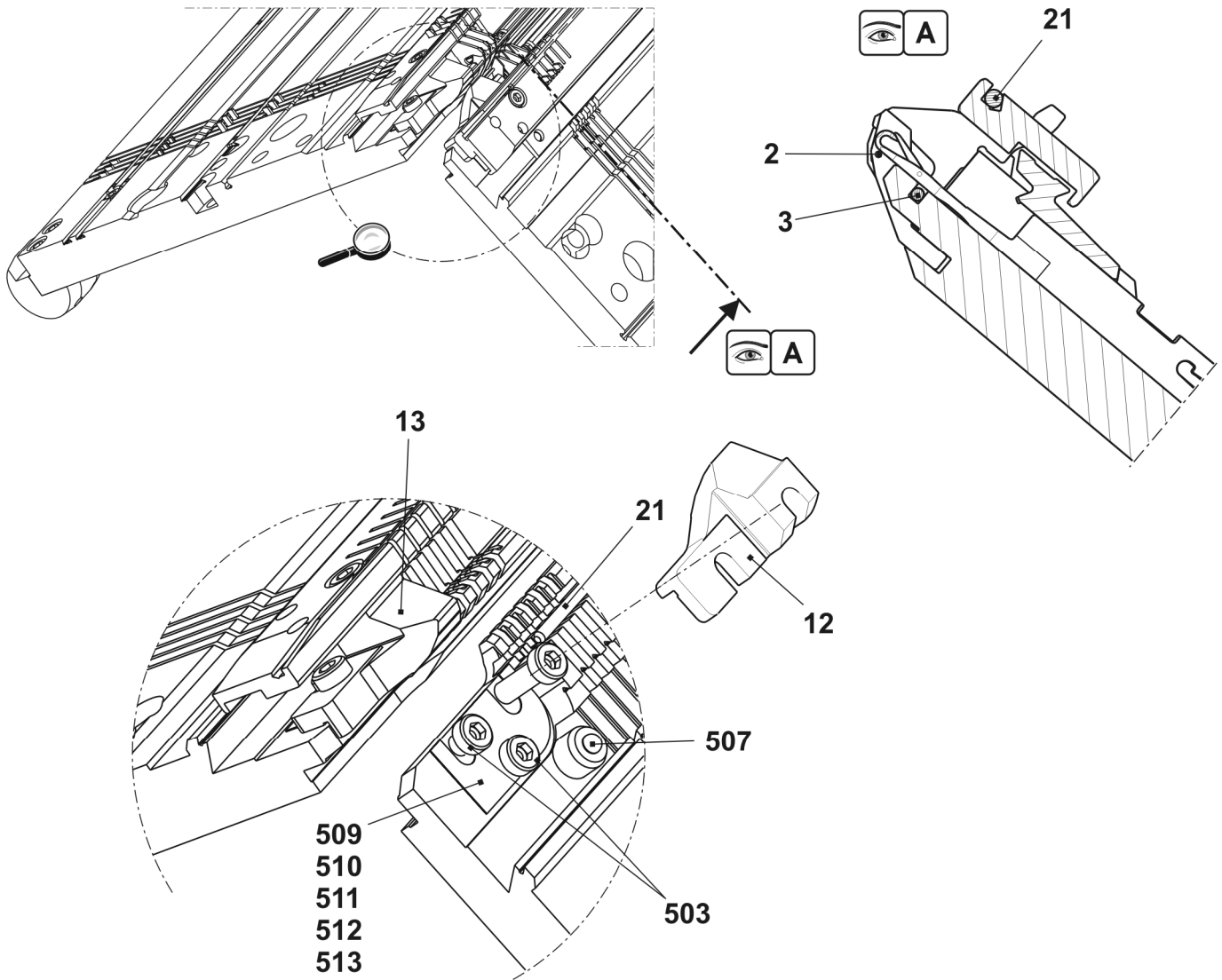
Needle bed E7m.5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7m.5	241 502	16	Cover rail at the rear	213 981
1	Needle bed at the front and rear E7	240 379	17	Cover rail at the front E7	214 034
2	Holding-down jack bed E7	240 445	18	Cover rail	213 762
3	Holding-down jack bed at the front E7	240 428	19	Cover rail	213 763
41	Needle E5 - E6 with round hook	205 396	21	Fixed wire D=2.8 1290mm	213 983
42	Coupling part E4 - E8	200 682	22	Support	241 339
60	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
71	Selection jack E4 - E8	200 687	502	Cap screw M6x25	020 137
72	Selector spring E4 - E8	200 690	504	Cap screw M5x22	023 193
10	Knock-over bit E7	207 055	40*	Plate brush	235 612
11	Holding-down jack E7	205 032	42*	Plate brush	202 600
14	Needle rail on the left	213 998	43*	Adjusting bolt	240 765
15	Needle rail on the right	213 999	540*	Cap screw M5x12	020 032
			541*	Adjusting washer P6x0.3	023 540



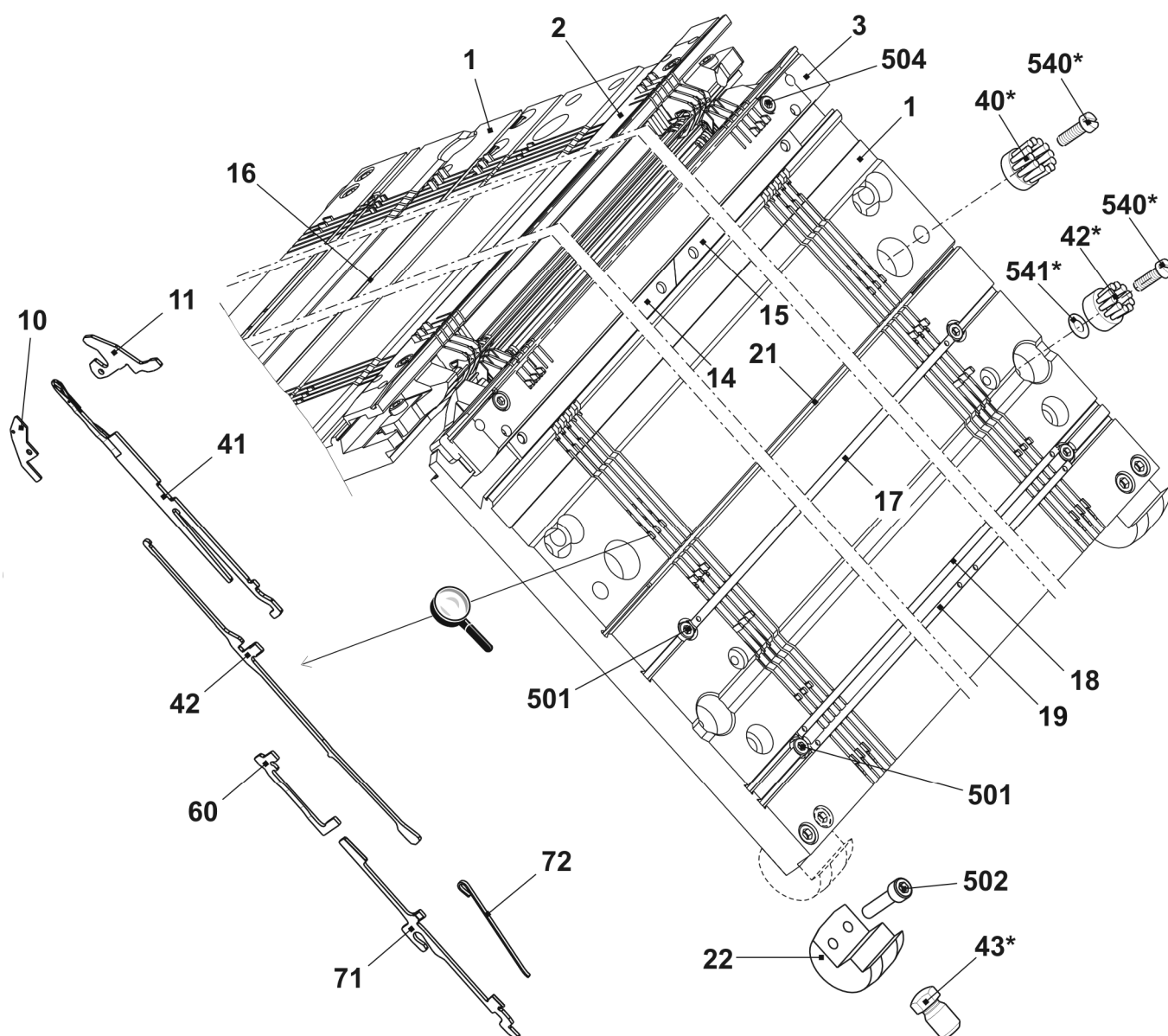
Continuation needle bed E7m.5

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



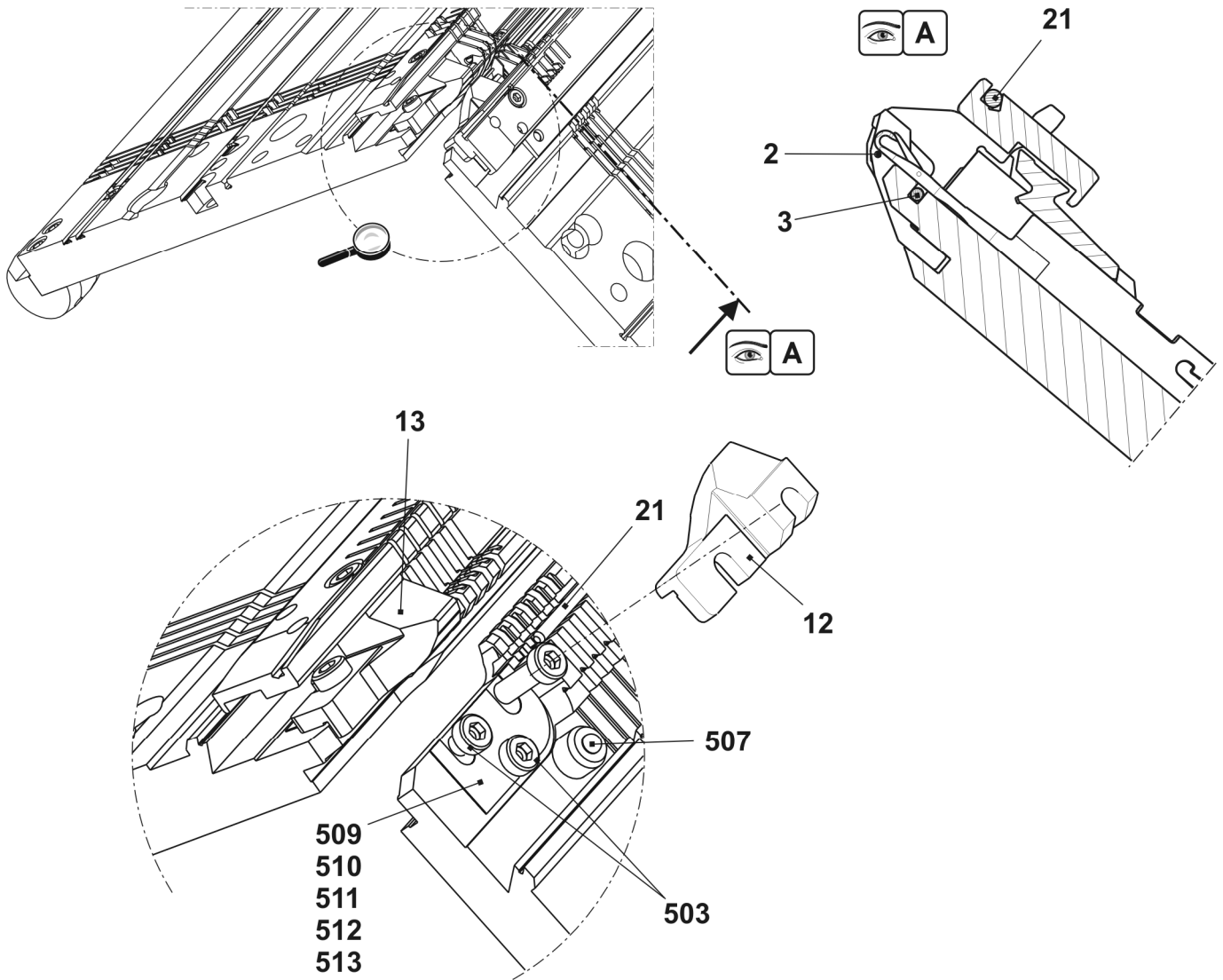
Needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7m.8	241 503			
1	Needle bed at the front and rear E7	240 379	17	Cover rail at the front E7	214 034
2	Holding-down jack bed E7	240 445	18	Cover rail	213 762
3	Holding-down jack bed at the front E7	240 428	19	Cover rail	213 763
41	Needle E8 with round hook	208 745	21	Fixed wire D=2.8 1290mm	213 983
42	Coupling part E4 - E8	200 682	22	Support	241 339
60	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
71	Selection jack E4 - E8	200 687	502	Cap screw M6x25	020 137
72	Selector spring E4 - E8	200 690	504	Cap screw M5x22	023 193
10	Knock-over bit E7	207 055	40*	Plate brush	235 612
11	Holding-down jack E7	205 032	42*	Plate brush	202 600
14	Needle rail on the left	213 998	43*	Adjusting bolt	240 765
15	Needle rail on the right	213 999	540*	Cap screw M5x12	020 032
16	Cover rail at the rear	213 981	541*	Adjusting washer P6x0.3	023 540



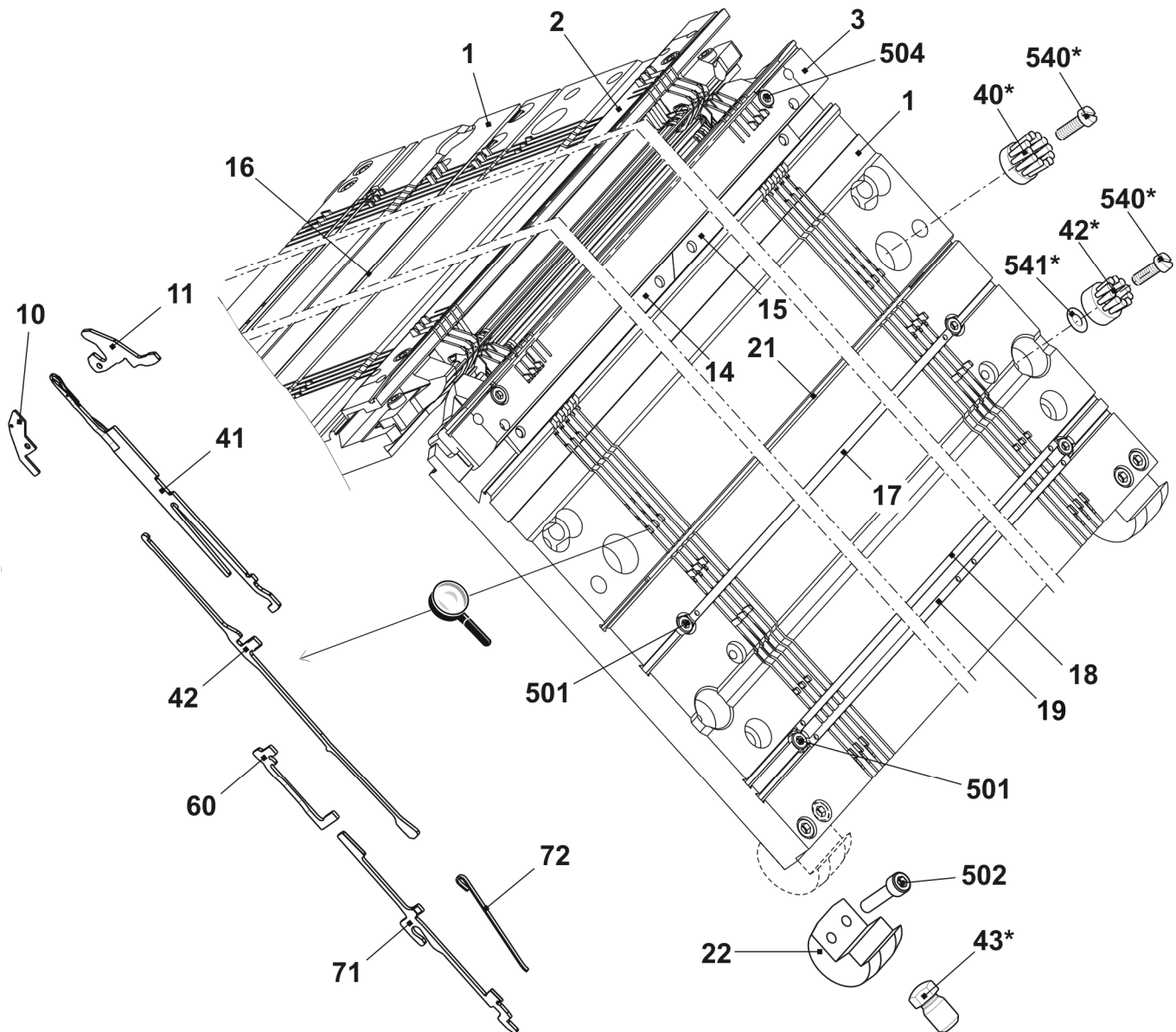
Continuation needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



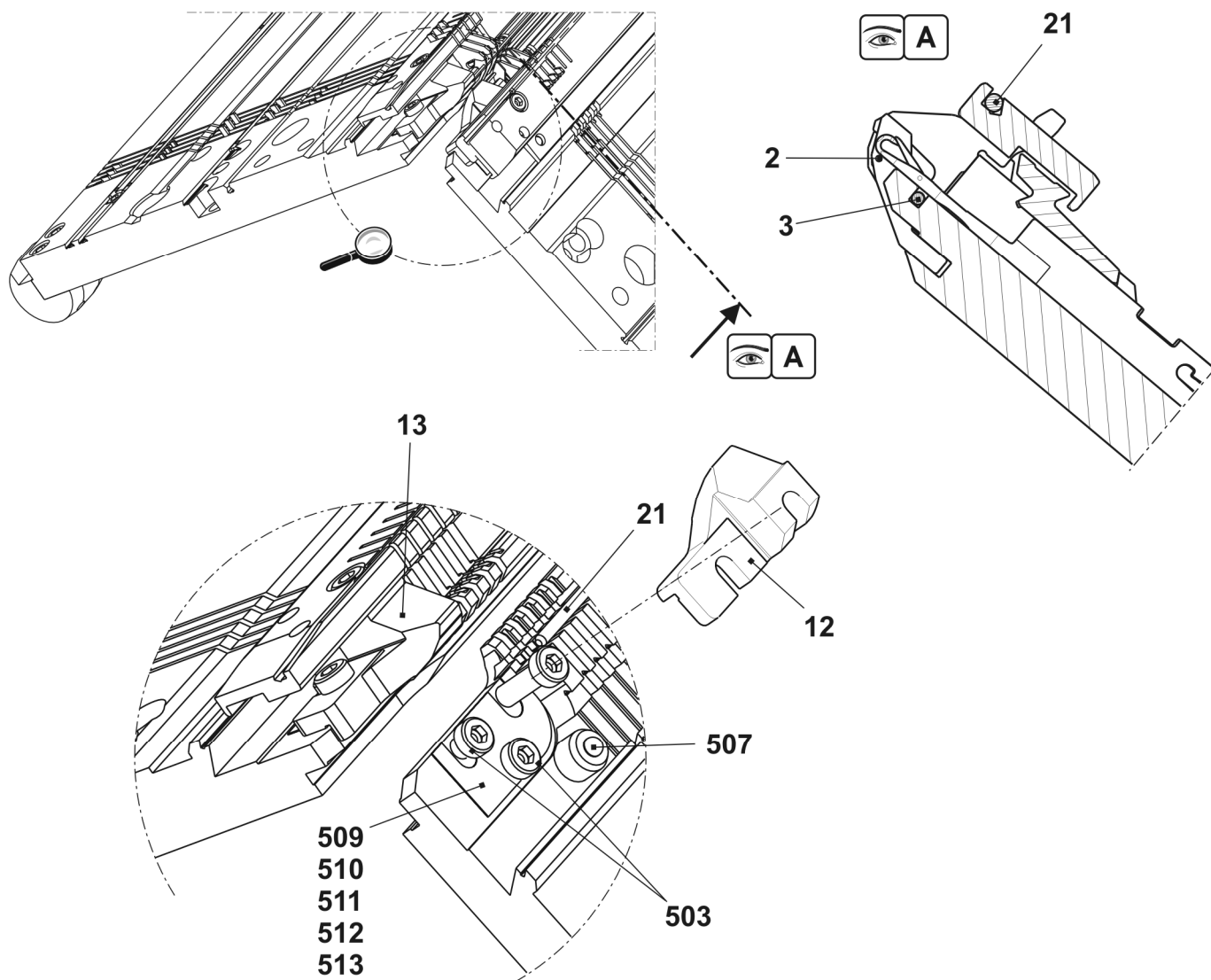
Needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8	241 494	17	Cover rail at the front E8	214 035
1	Needle bed at the front + rear E8	240 380	18	Cover rail	213 762
2	Holding-down jack bed E8	240 446	19	Cover rail	213 763
3	Holding-down jack bed at the front E8	240 429	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E8 with round hook	208 745	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 – E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 – E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E8	207 054	42*	Plate brush	202 600
11	Holding-down jack E8	205 028	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



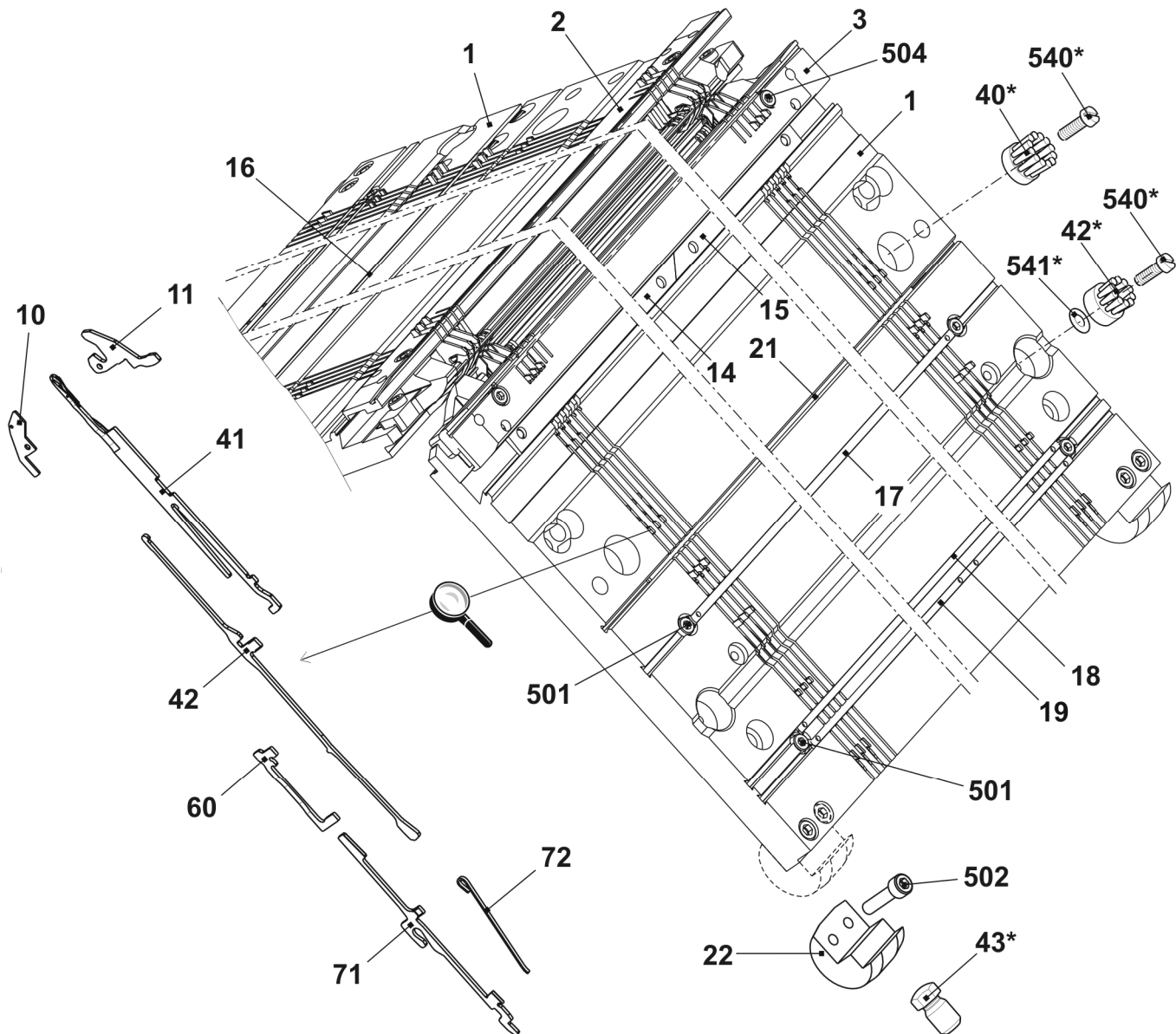
Continuation needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



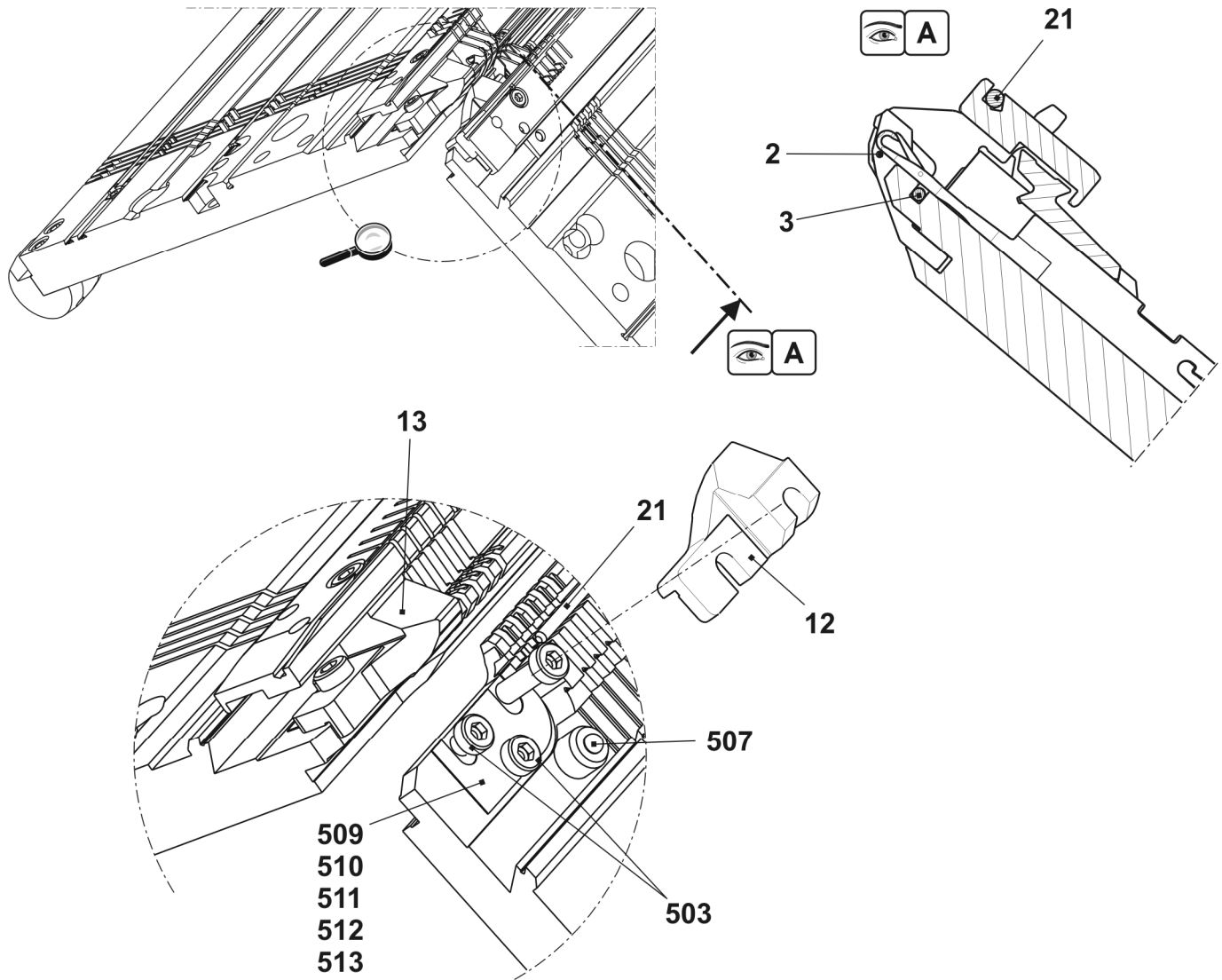
Needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E8m.7	241 504	17	Cover rail at the front E8	214 035
1	Needle bed at the front + rear E8	240 380	18	Cover rail	213 762
2	Holding-down jack bed E8	240 446	19	Cover rail	213 763
3	Holding-down jack bed at the front E8	240 429	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E7 with round hook	205 397	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 – E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 – E8	200 690	40*	Plate brush	235 612
10	Knock-over bit E8	207 054	42*	Plate brush	202 600
11	Holding-down jack E8	205 028	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



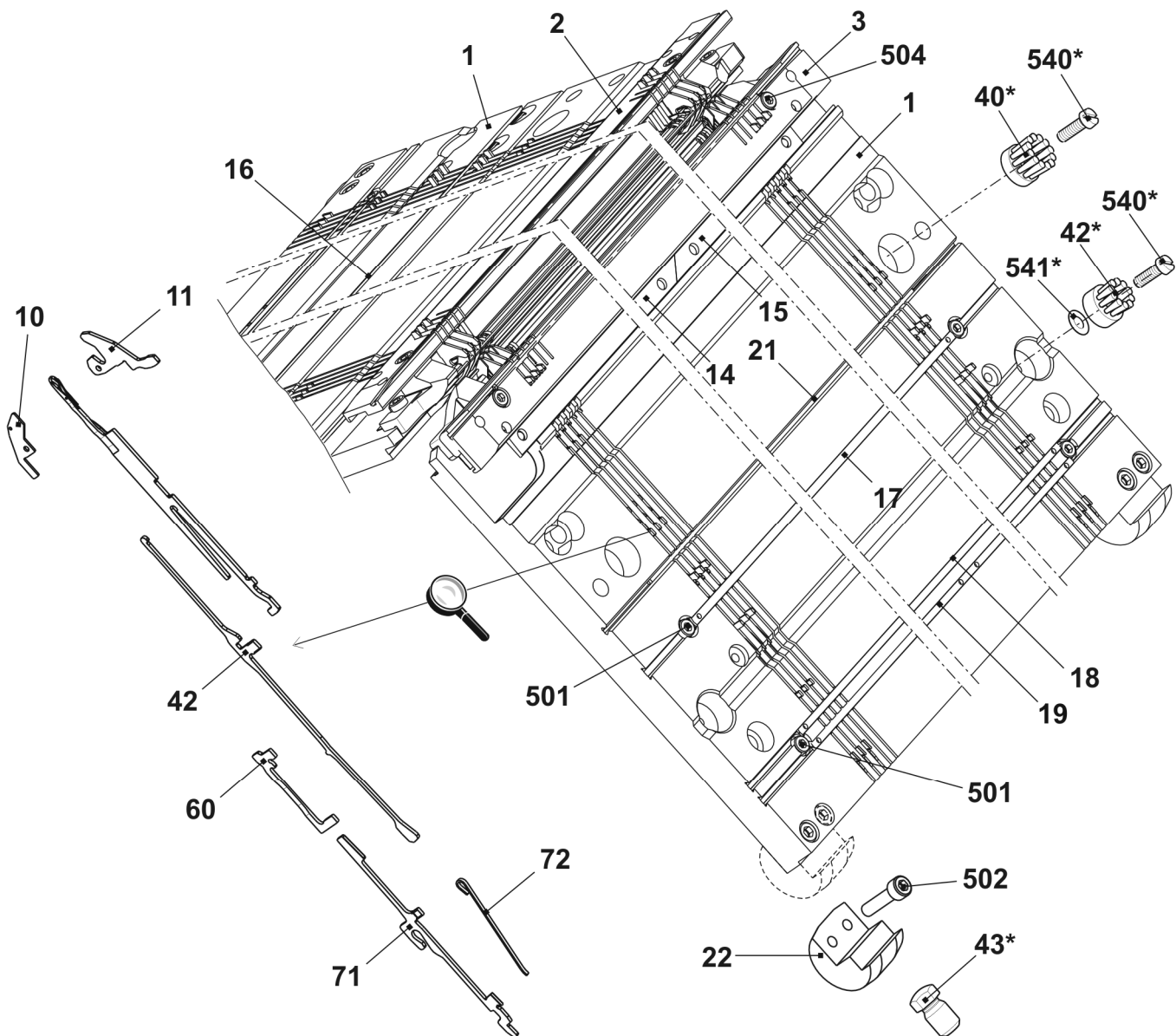
Continuation needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



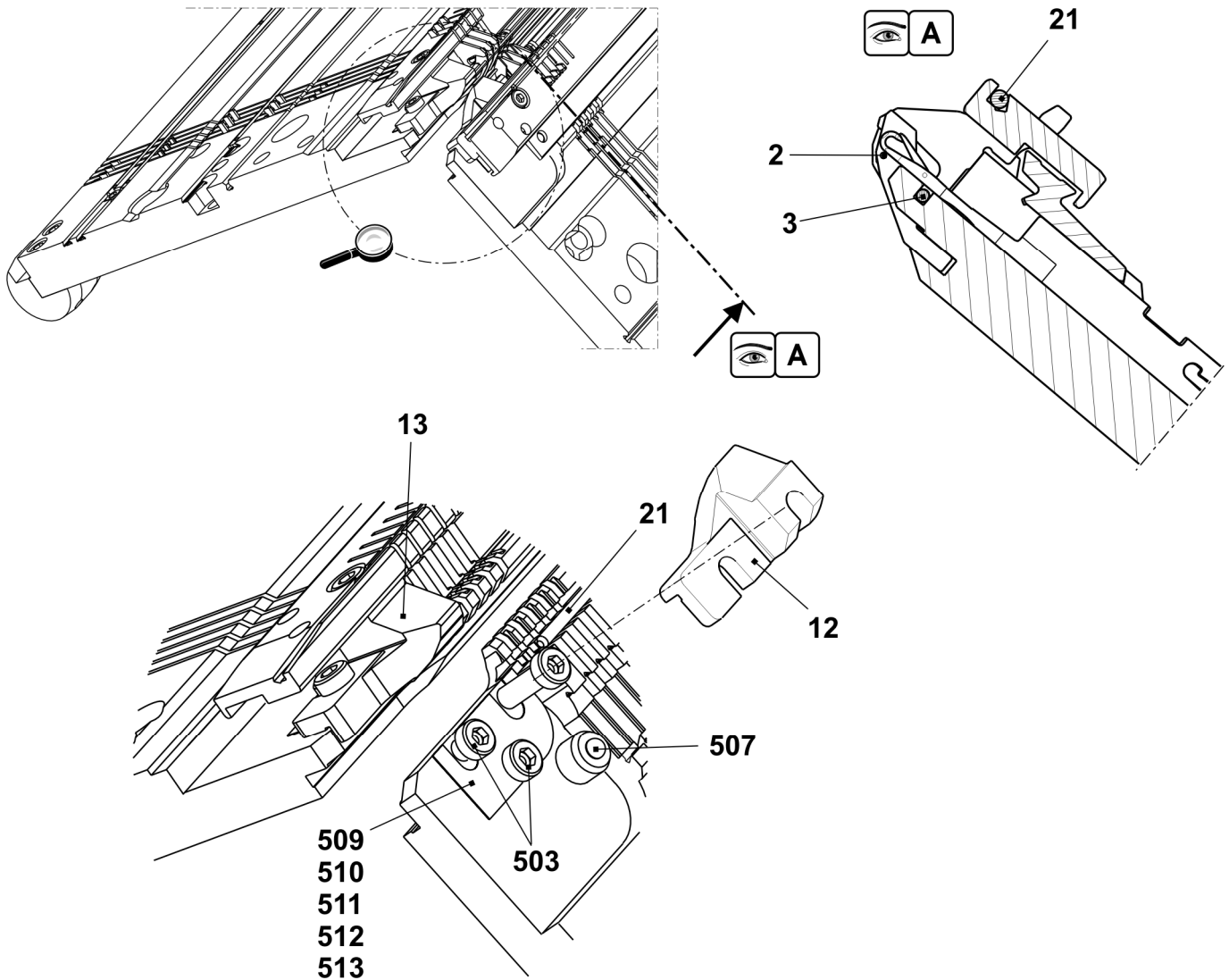
Needle bed E10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10	241 495	17	Cover rail at the front E10	214 036
1	Needle bed at the front + rear E10	240 499	18	Cover rail	213 762
2	Holding-down jack bed E10	240 447	19	Cover rail	213 763
3	Holding-down jack bed at the front E10	240 430	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E10 with round hook	205 398	22	Support	241 339
42	Coupling part E10 - E12	200 683	501	Cap screw M5x10	022 918
60	Intermediate slider E10 – E12 + E6.2	237 324	502	Cap screw M6x25	020 137
71	Selection jack E10 - E12	200 688	504	Cap screw M5x22	023 193
72	Selector spring E10 – E12	200 691	40*	Plate brush	235 612
10	Knock-over bit E10	239 756	42*	Plate brush	202 600
11	Holding-down jack (trick wall) E10	239 815	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



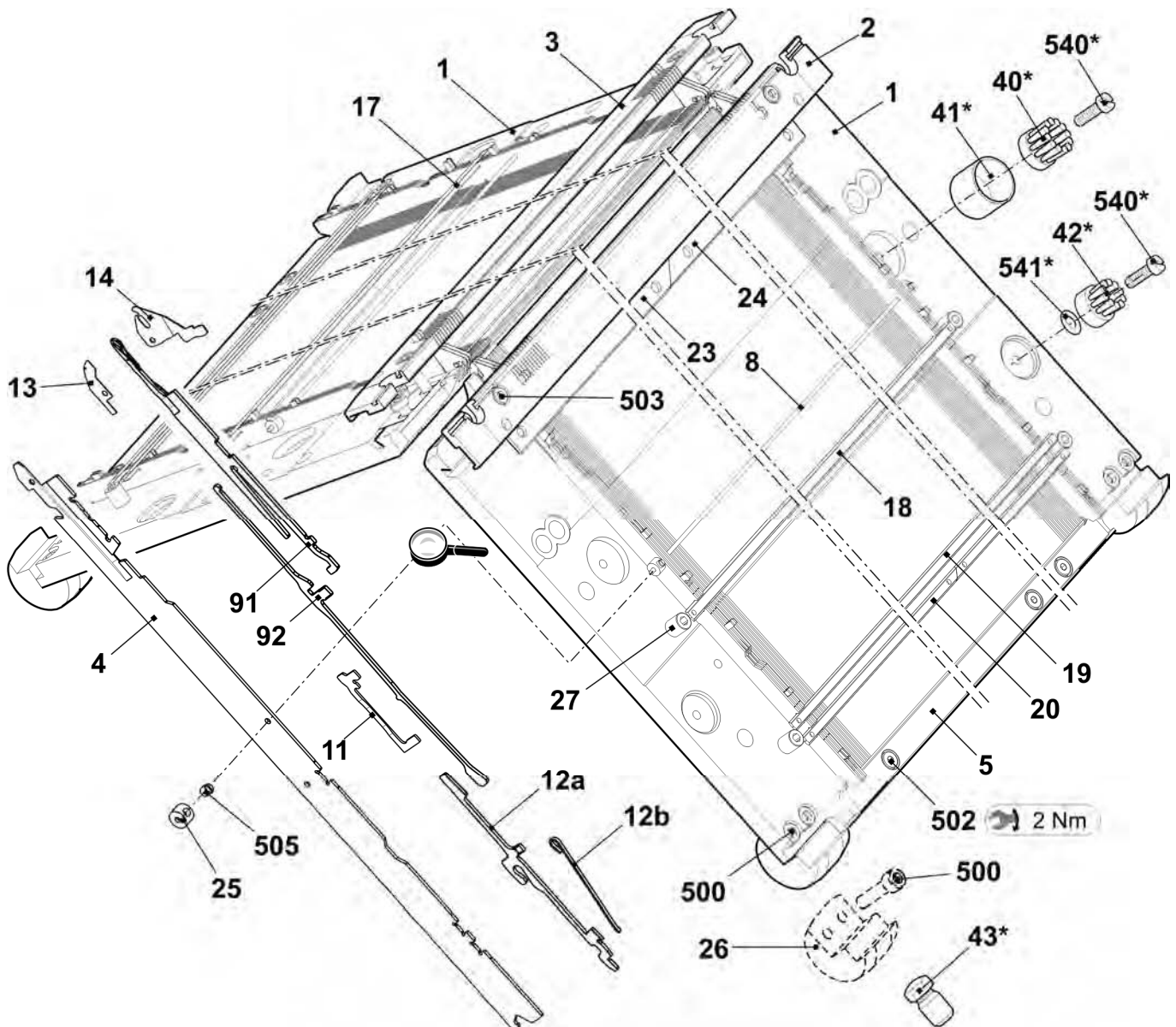
Continuation needle bed E10

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E10 – E14	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E10 – E14	205 764	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E10 – E14	205 765	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



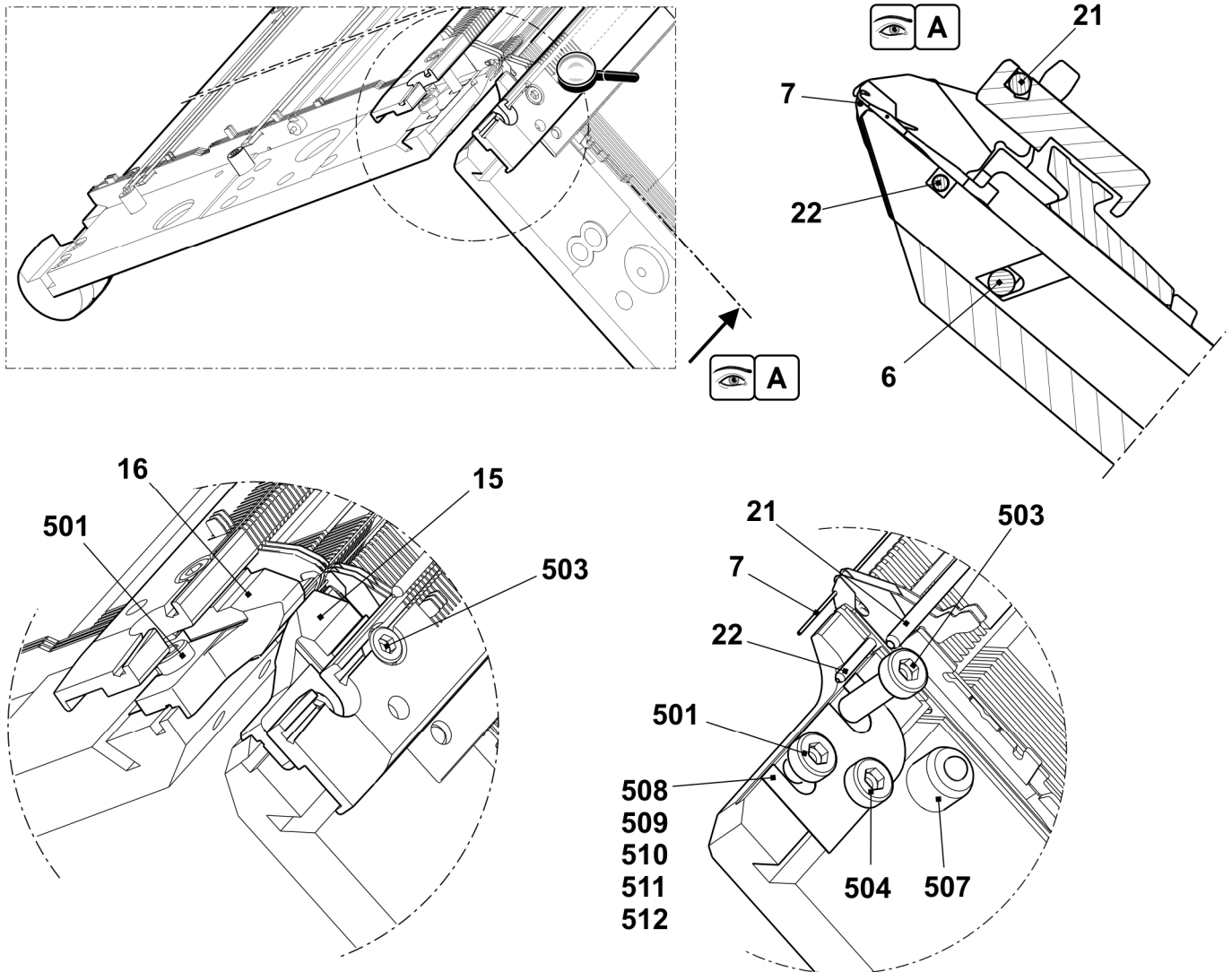
Needle bed E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5.2	241 509	20	Cover rail	213 763
1	Needle bed at the front + rear E5.2	240 386	23	Needle rail on the left	213 998
2	Holding-down jack bed at the front E5.2	240 437	24	Needle rail on the right	213 999
3	Holding-down jack bed E5.2	240 454	25	Bush	206 090
4	Main trick wall E5.2	219 171	26	Support	241 339
5	Pressure slide E10 – E14	213 919	27	Stop screw	214 039
8	Spring steel wire 2.0x1286mm	213 996	500	Cap screw M6X14	022 658
91	Needle E5.2 vosa special 110.118	219 181	502	Cap screw M5x8	023 379
92	Coupling part E5.2	219 188	503	Cap screw M5x22	023 193
11	Intermediate slider complete E5.2	239 270	505	Set screw M3,5x3-1	020 512
12a	Selection jack E5.2	219 214	40*	Plate brush	235 612
12b	Selector spring E5.2	219 265	41*	Container plate brush	233 012
13	Knock-over bit E5.2	221 367	42*	Plate brush	202 600
14	Holding-down jack (trick wall) E5.2	227 716	43*	Adjusting bolt	240 765
17	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032
18	Cover rail at the front E10	214 036	541*	Adjusting washer P6x0.3	023 540
19	Cover rail	213 762			



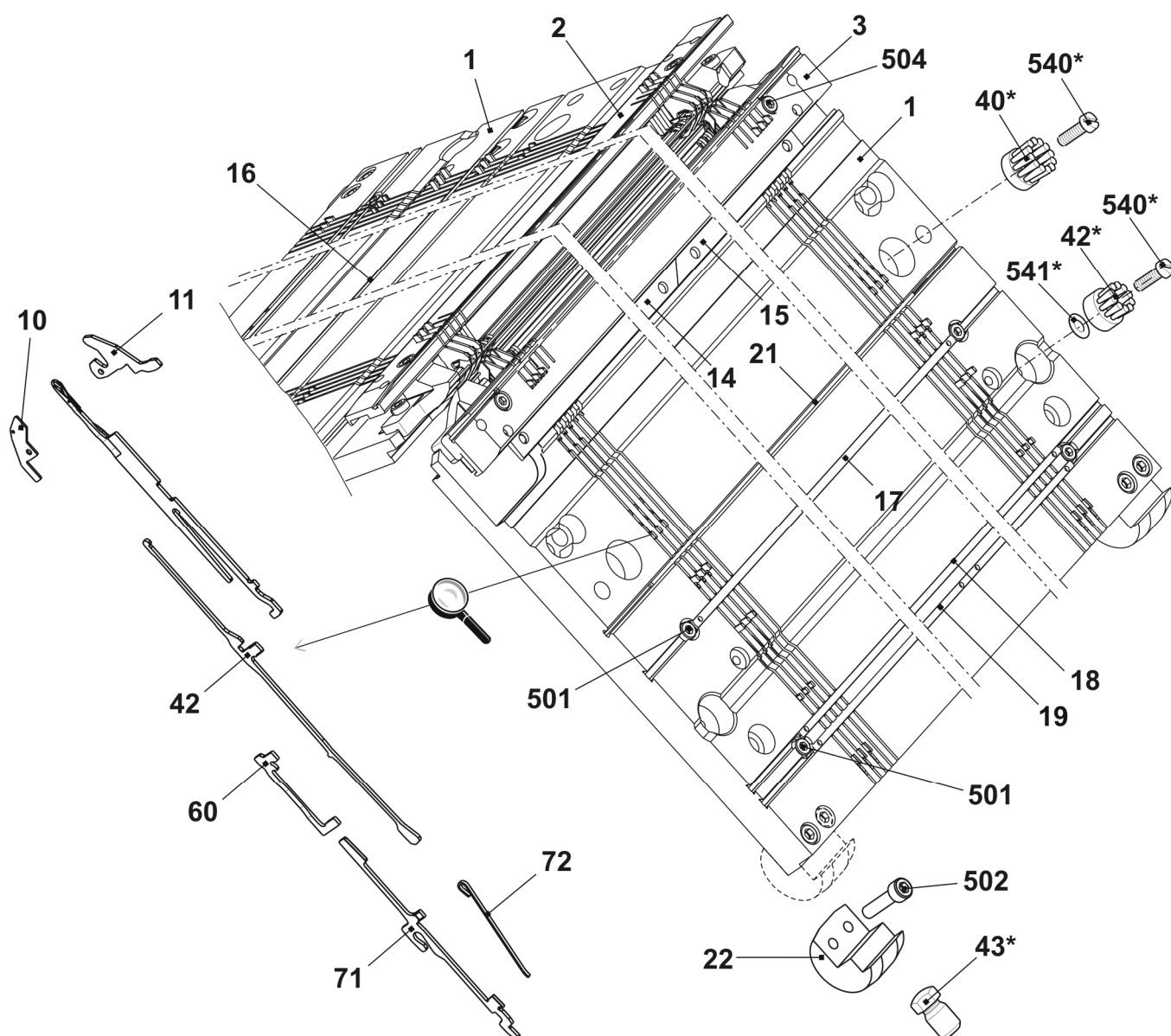
Continuation needle bed E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
6	Fixed wire 3.4mm E10-12	213995	502	Cap screw M5x8	023379
7	Spring steel wire 1.0mm E5-6	213988	507	Sprung thrust piece	023177
15	Limiter on the left E4-8	205343	508	Shim 0.02x18.5x34	023194
16	Limiter on the right E4-8	205344	509	Shim 0.03x18.5x34	023195
21	Spring steel wire 2.0x1290mm	213983	510	Shim 0.05x18.5x34	023196
22	Spring steel wire 1.95mm E10-14	213997	511	Shim 0.1x18.5x34	023197
501	Cap screw M5x8-8.8	023154	512	Shim 0.2x18.5x34	023253



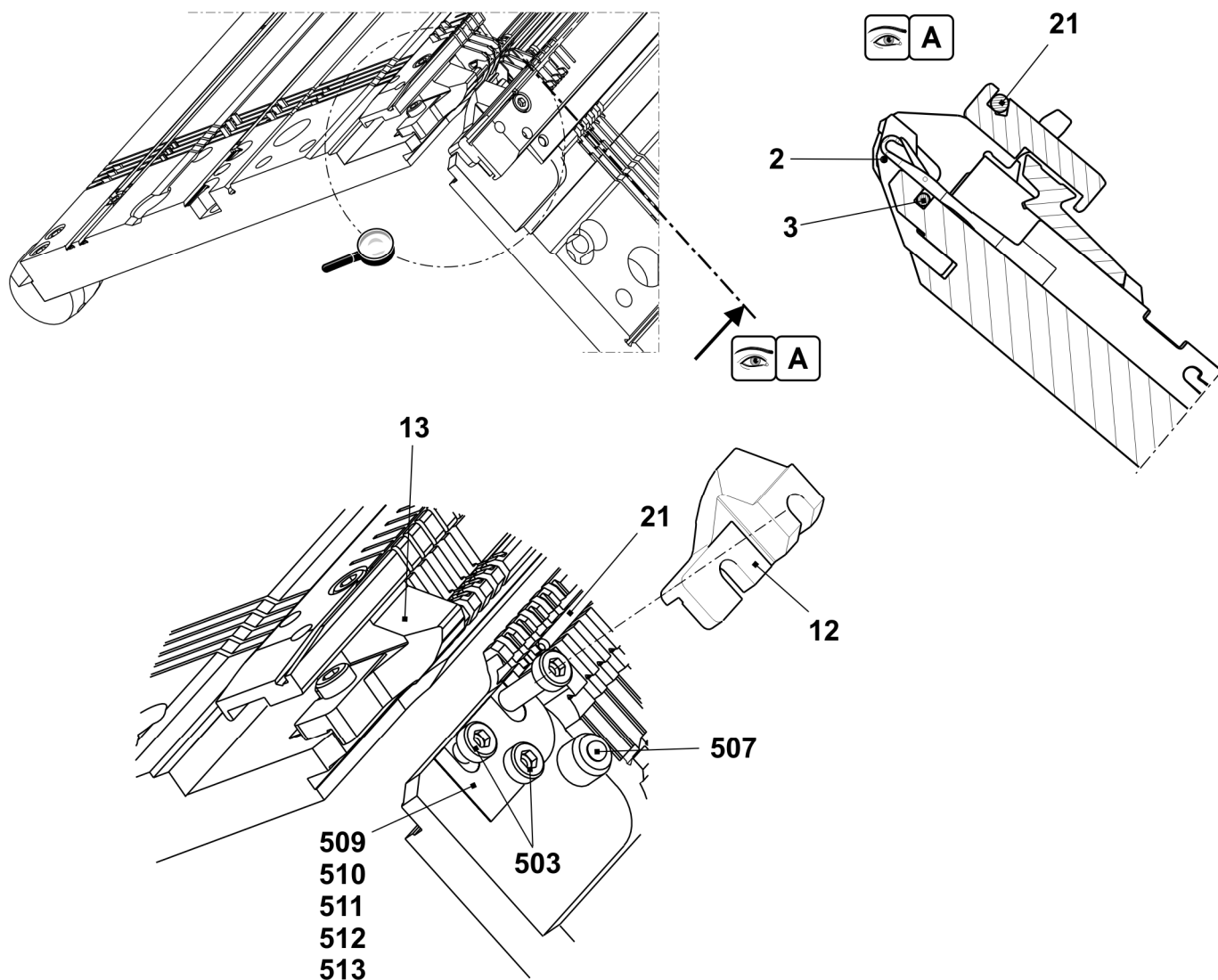
Needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10	241 505	17	Cover rail at the front E10	214 036
1	Needle bed at the front + rear E10	240 499	18	Cover rail	213 762
2	Holding-down jack bed E10	240 447	19	Cover rail	213 763
3	Holding-down jack bed at the front E10	240 430	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E12	204 009	22	Support	241 339
42	Coupling part E10 - E12	200 683	501	Cap screw M5x10	022 918
60	Intermediate slider E10 - E12 + E6.2	237 324	502	Cap screw M6x25	020 137
71	Selection jack E10 - E12	200 688	504	Cap screw M5x22	023 193
72	Selector spring E10 - E12	200 691	40*	Plate brush	235 612
10	Knock-over bit E10	205 012	42*	Plate brush	202 600
11	Holding-down jack (trick wall) E10	232 433	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



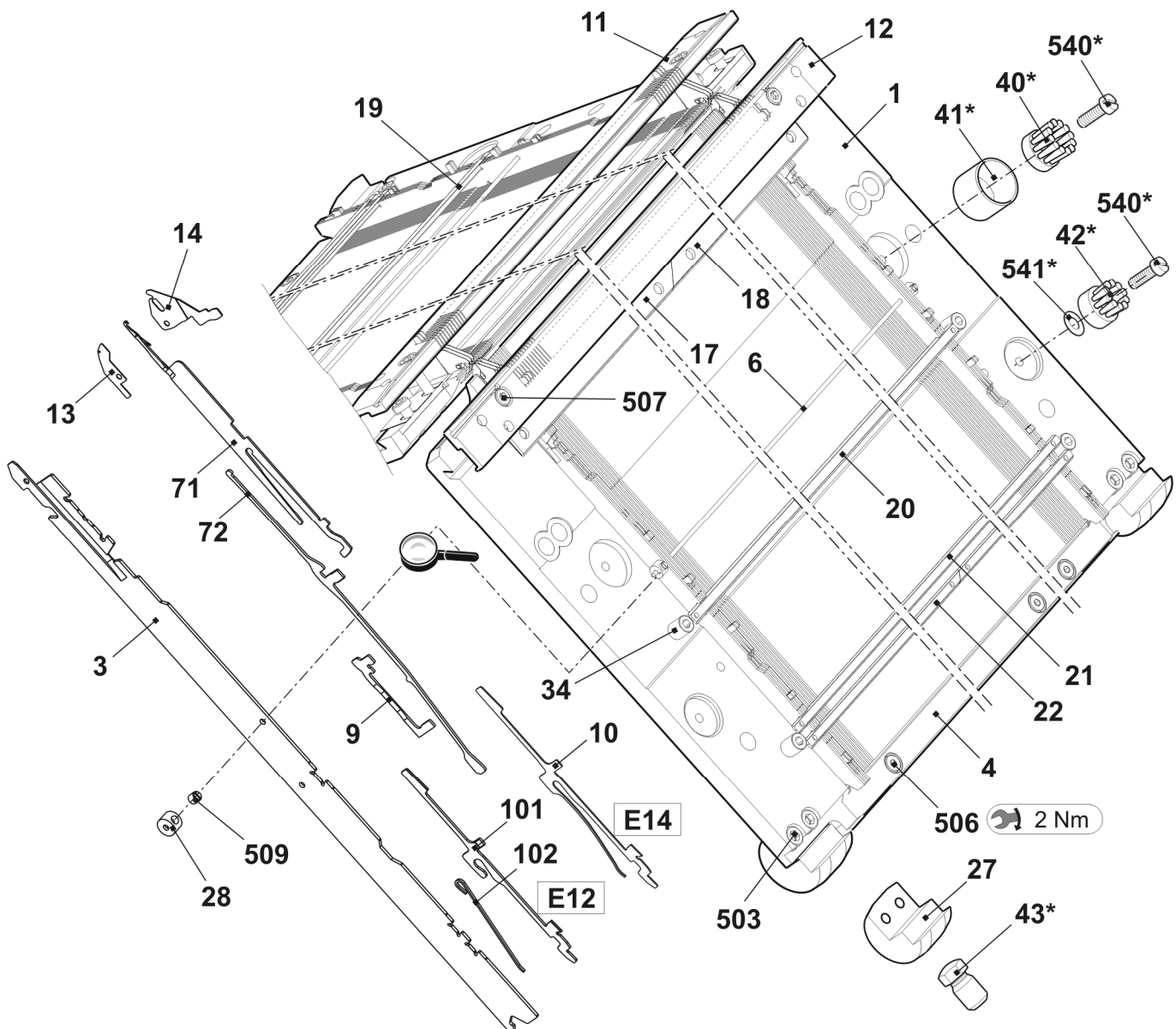
Continuation needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E10 – E14	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E10 – E14	205 764	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E10 – E14	205 765	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



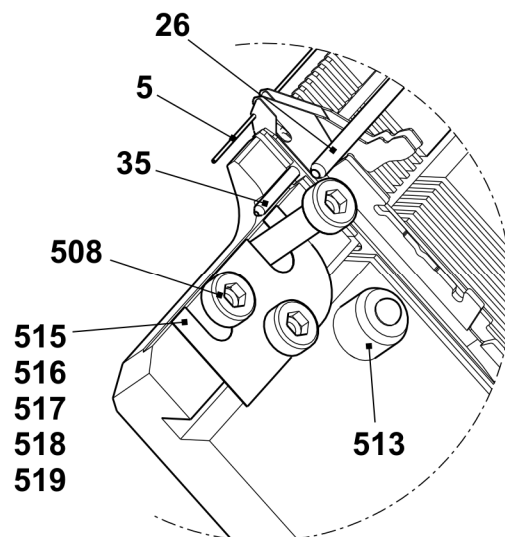
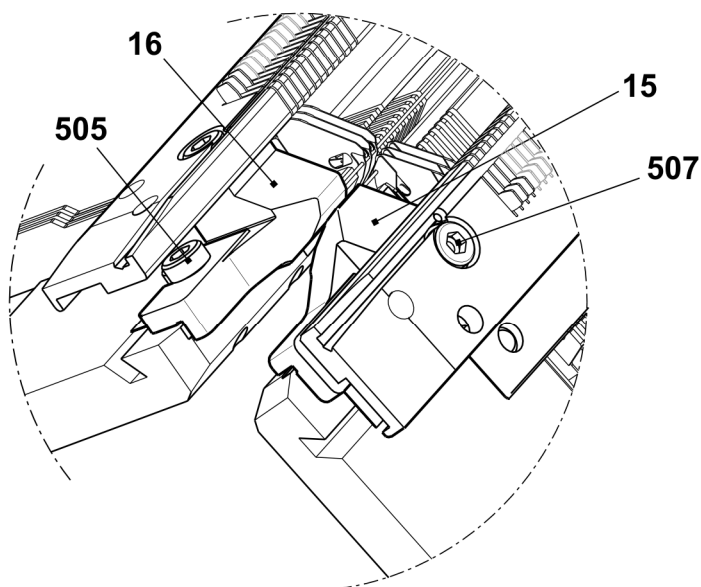
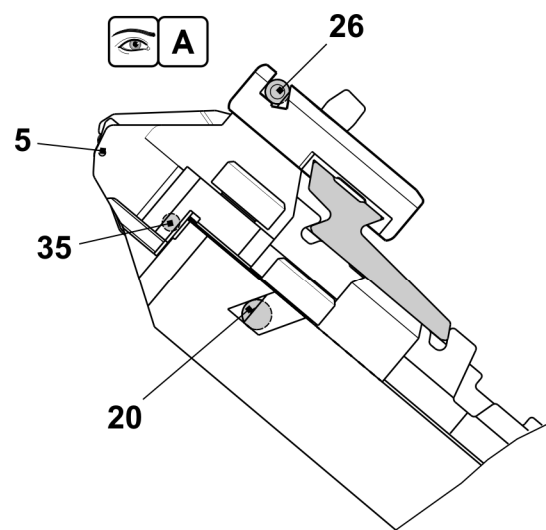
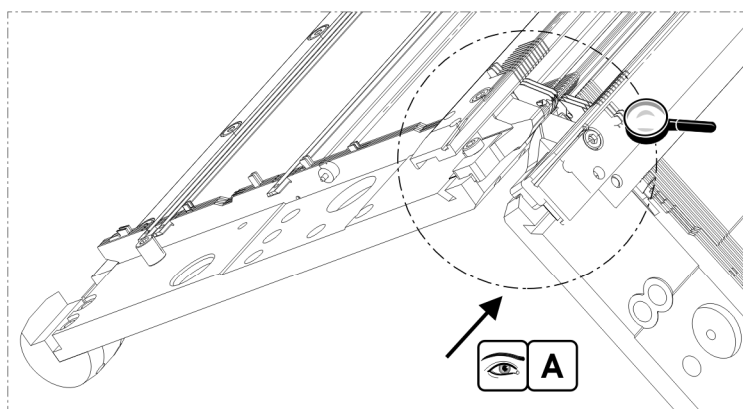
Needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E12	241 496	20	Cover rail at the front E12	214 037
1	Needle bed at the front rear E12	240 382	21	Cover rail	213 762
3	Main trick wall E12	205 355	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E12	204 009	34	Stop screw	214 039
72	Coupling part E10 - E12	200 683	40*	Plate brush	235 612
9	Intermediate slider E10	237 324	41*	Container plate brush	233 012
101	Selection jack E12	200 688	42*	Plate brush	202 600
102	Selector spring E10 – E12	200 691	43*	Adjusting bolt	240 765
11	Holding-down jack bed E12	240 448	540*	Cap screw M5x12	020 032
12	Holding-down jack bed at the front E12	240 431	541*	Adjusting washer P6x0.3	023 540
13	Knock-over bit E12	205 013	503	Cap screw M6X14	022 658
14	Holding-down jack (trick wall) E12	227 821	506	Cap screw M5x8	023 379
17	Needle rail on the left	213 998	507	Cap screw M5x22	023 193
18	Needle rail on the right	213 999	509	Set screw M3,5x3-1	020 512
19	Cover rail at the rear	213 981			



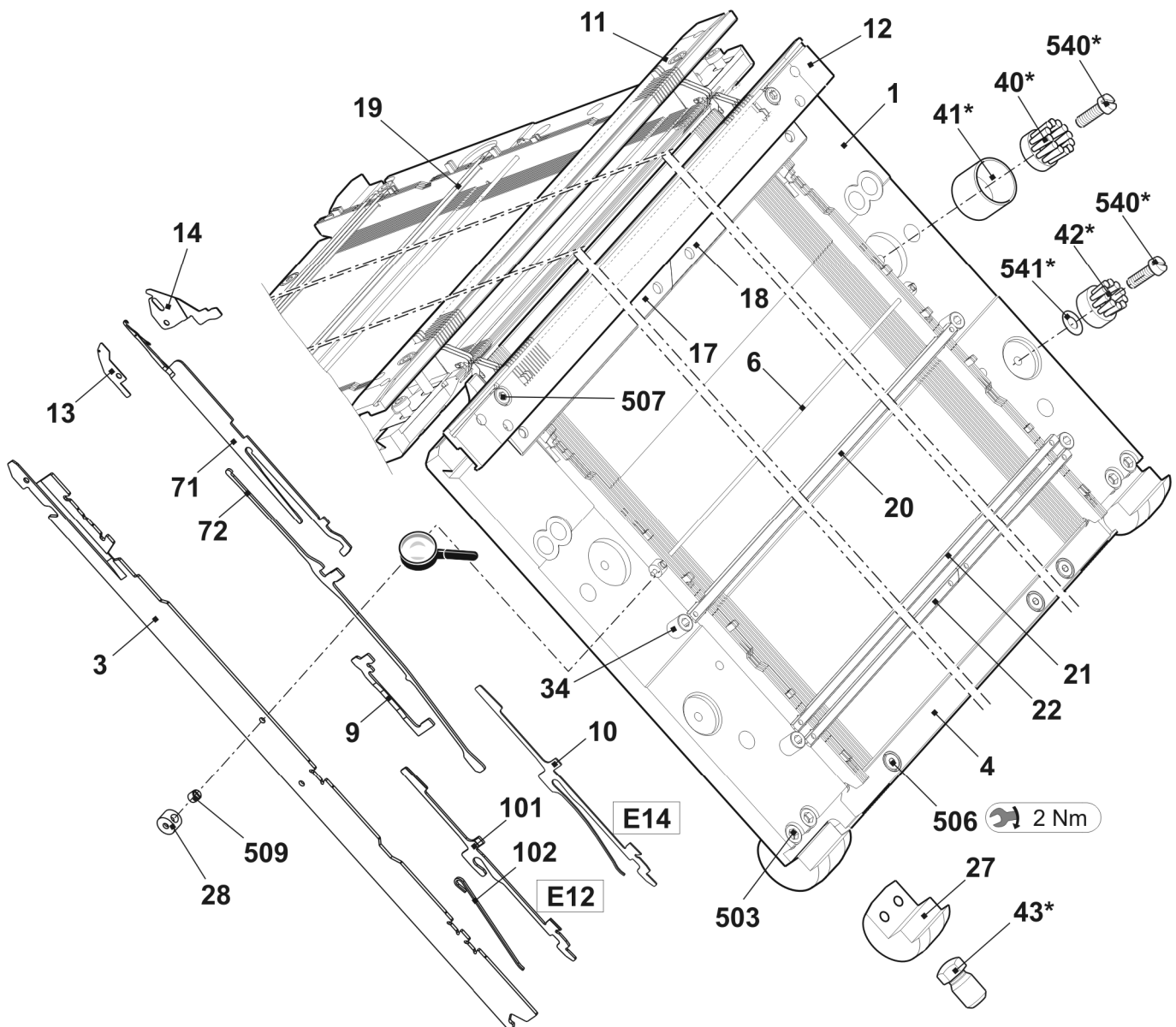
Continuation needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiters on the left E10 – E14	205 764	513	Sprung thrust piece	023 177
16	Limiters on the right E10 – E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10-12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 – E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



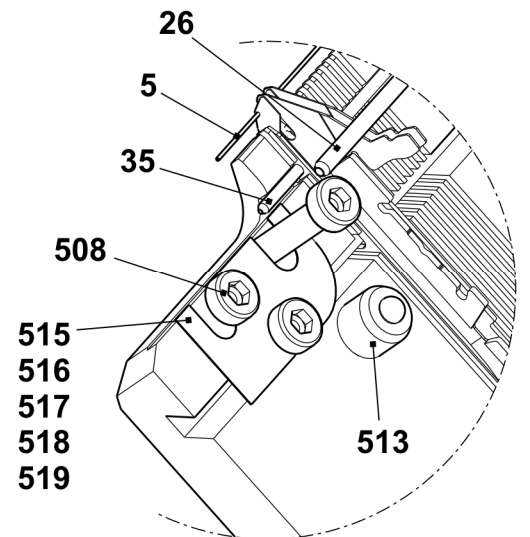
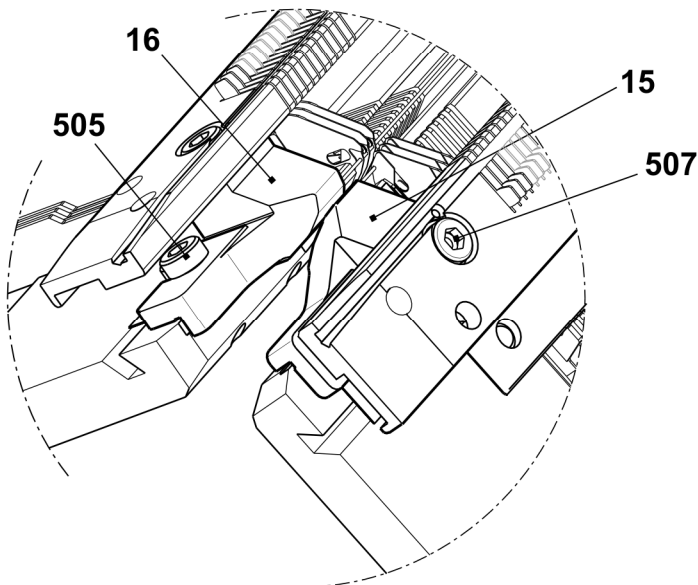
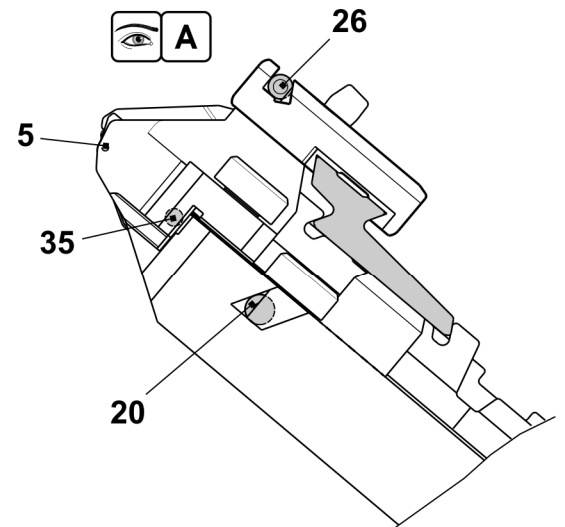
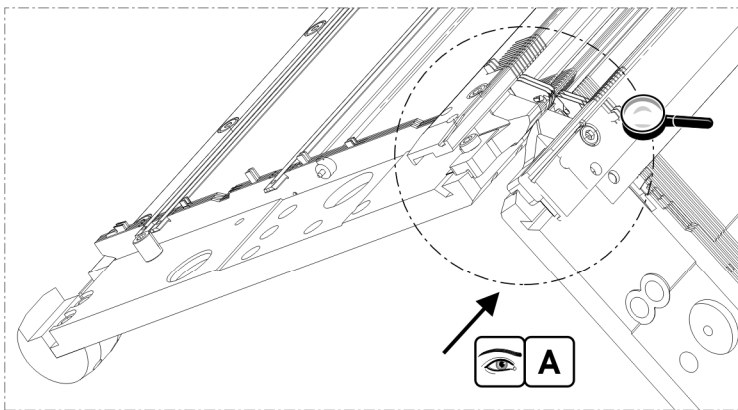
Needle bed E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2	241 510			
1	Needle bed at the front rear E12	240 382	20	Cover rail at the front E12	214 037
3	Main trick wall E12	205 355	21	Cover rail	213 762
4	Pressure slide E10 – E14	213 919	22	Cover rail	213 763
6	Spring steel wire D=2.0 1286mm	213 996	27	Support	241 339
71	Needle E6.2	207 349	28	Bush	206 090
72	Coupling part E10 - E12	200 683	34	Stop screw	214 039
9	Intermediate slider E10	237 324	40*	Plate brush	235 612
101	Selection jack E12	200 688	41*	Container plate brush	233 012
102	Selector spring E10 – E12	200 691	42*	Plate brush	202 600
11	Holding-down jack bed E6.2	240 455	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E6.2	240 438	540*	Cap screw M5x12	020 032
13	Knock-over bit E12	205 013	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E12	227 821	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



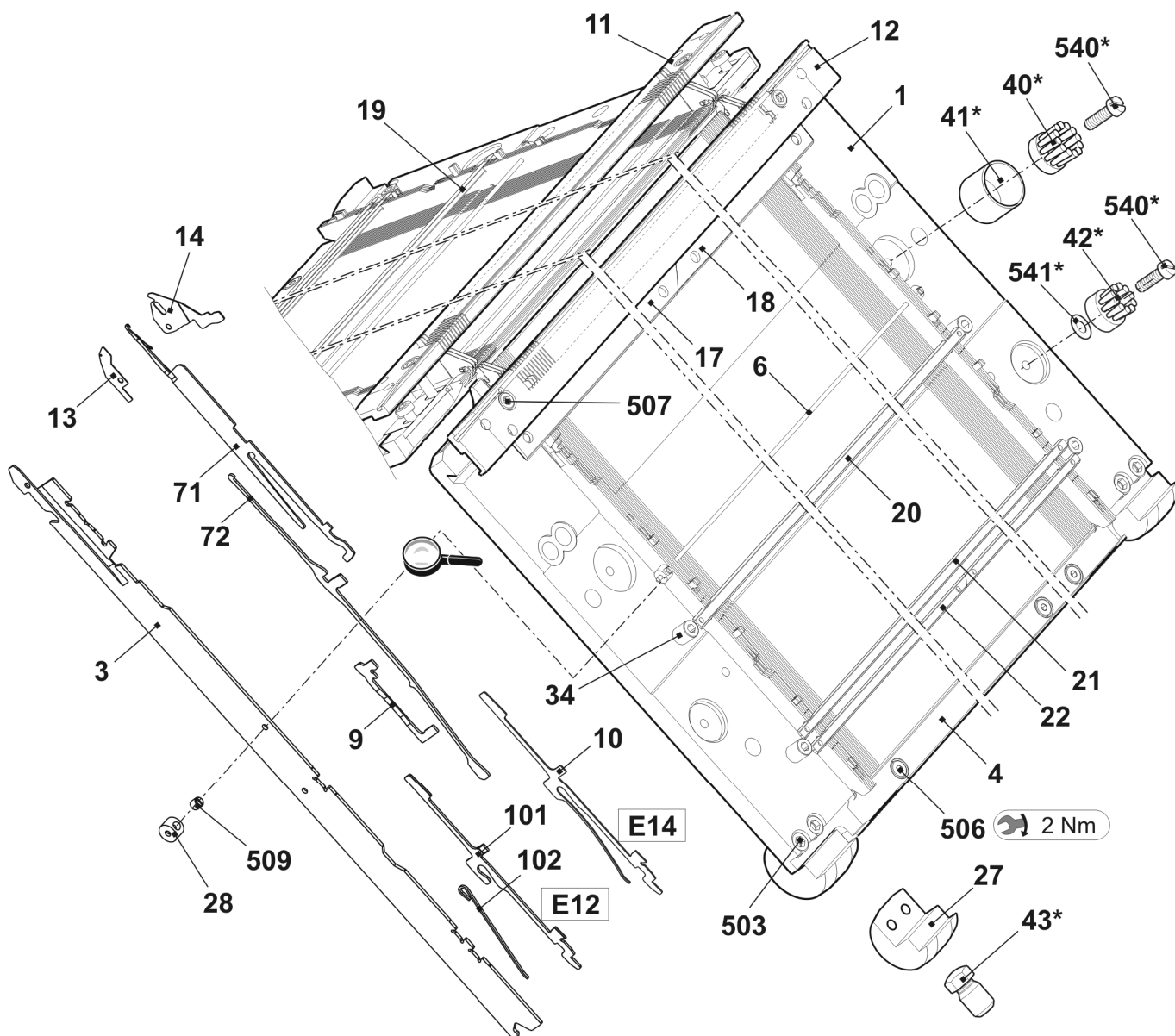
Continuation needle bed E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	507	Cap screw M5x22	023 193
15	Limiters on the left E10 – E14	205 764	508	Cap screw M5x12-8.8	022 943
16	Limiters on the right E10 – E14	205 765	513	Sprung thrust piece	023 177
20	Fixed wire 3.4d E10-12	213 995	515	Shim 0.02x18.5x345	023 194
26	Fixed wire D=2.8 1290mm	213 983	516	Shim 0.03x18.5x34	023 195
35	Spring steel wire 1.95 D E10 – E14	213 997	517	Shim 0.05x18.5x34	023 196
505	Cap screw M5x8-8.8	023 154	518	Shim 0.1x18.5x34	023 197
			519	Shim 0.2x18.5x34	023 253



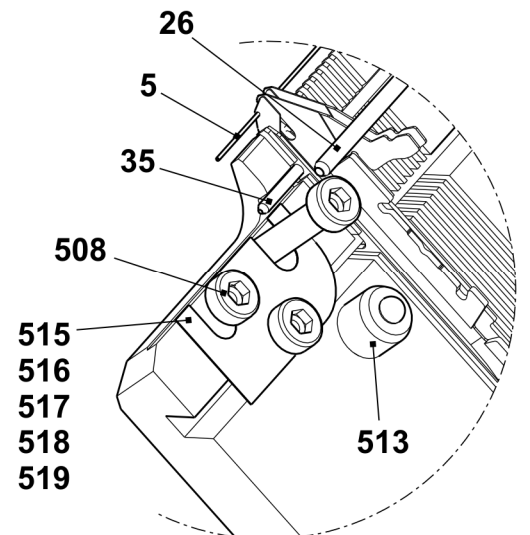
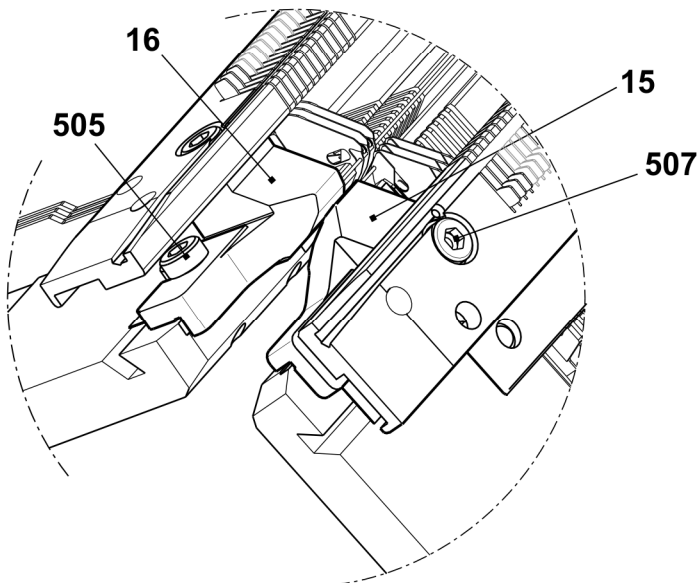
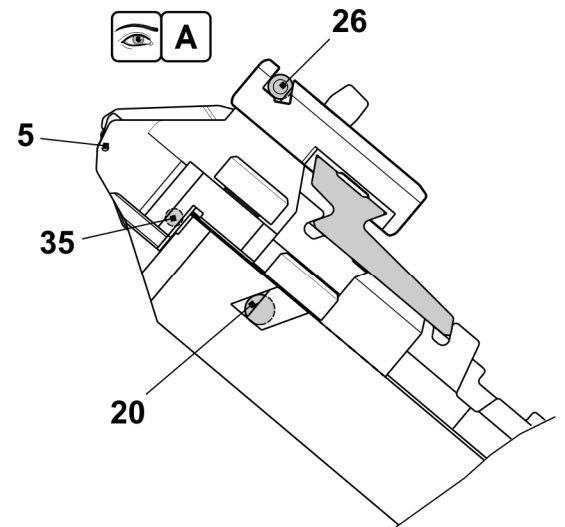
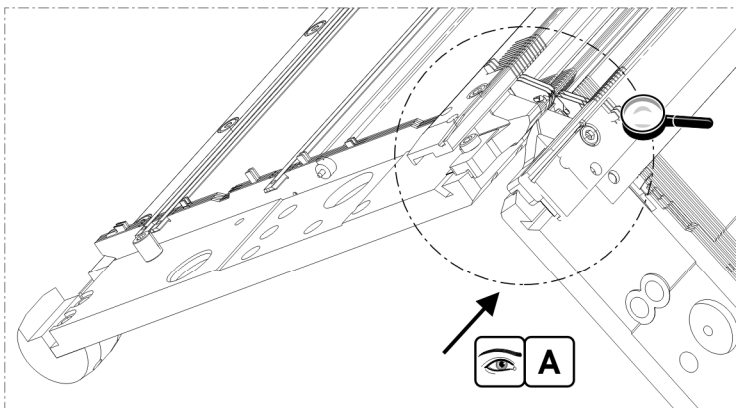
Needle bed E12m.10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2(12m.10)	241 506	19	Cover rail at the rear	213 981
1	Needle bed at the front rear E12	240 382	20	Cover rail at the front E12	214 037
2	Fixed wire 3.4d E10-12	213 995	21	Cover rail	213 762
3	Main trick wall E12	205 355	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E10 with round hook	205 398	34	Stop screw	214 039
72	Coupling part E10 - E12	200 683	40*	Plate brush	235 612
9	Intermediate slider E10	237 324	41*	Container plate brush	233 012
101	Selection jack E12	200 688	42*	Plate brush	202 600
102	Selector spring E10 – E12	200 691	43*	Adjusting bolt	240 765
11	Holding-down jack bed E12	240 448	540*	Cap screw M5x12	020 032
12	Holding-down jack bed at the front E12	240 431	541*	Adjusting washer P6x0.3	023 540
13	Knock-over bit E12	205 013	503	Cap screw M6X14	022 658
14	Holding-down jack (trick wall) E12	227 821	506	Cap screw M4-M5x8	023379
17	Needle rail on the left	213 998	507	Cap screw M5x22	023 193
18	Needle rail on the right	213 999	509	Set screw M3,5x3-1	020 512



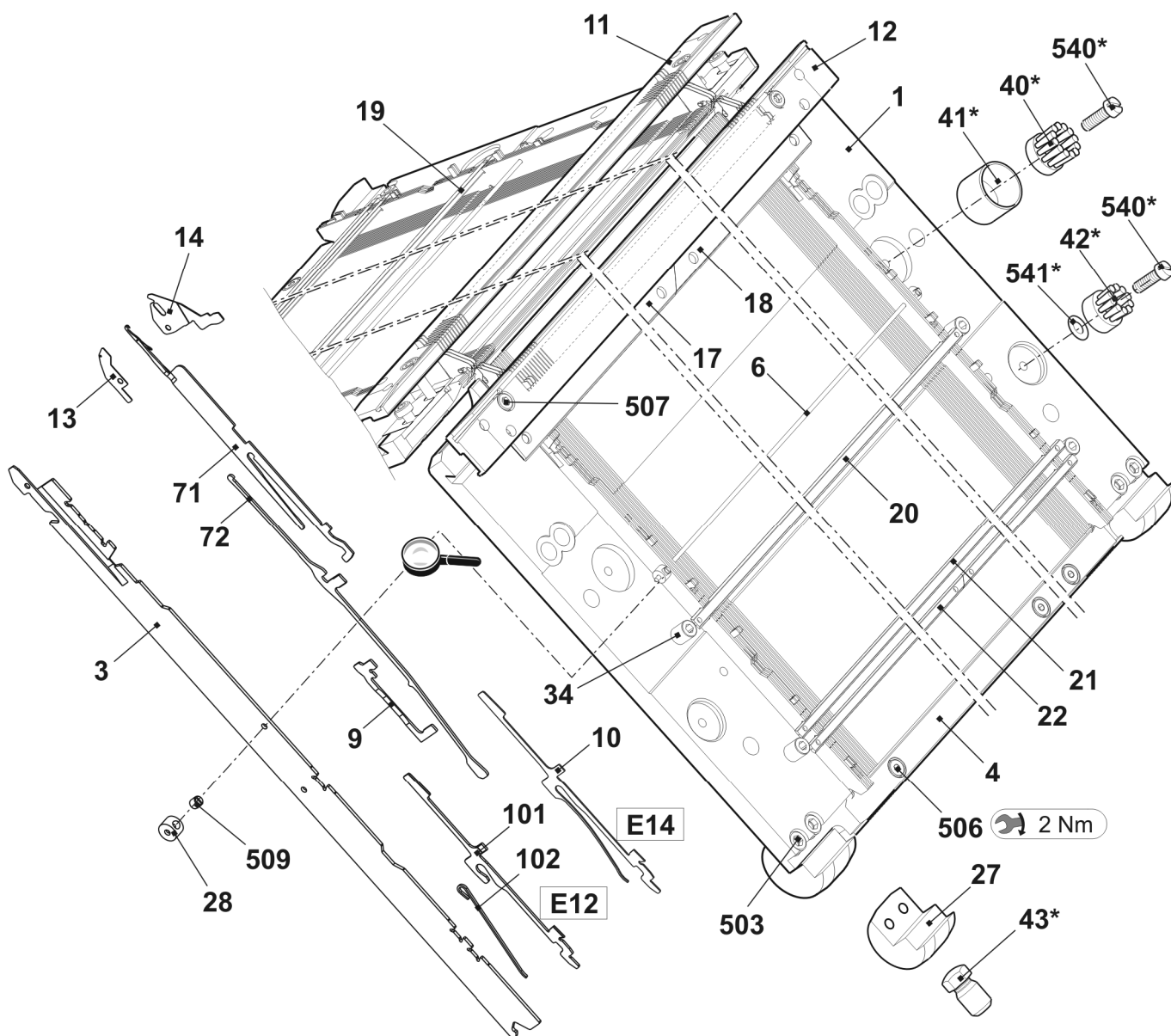
Continuation needle bed E12m.10

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	507	Cap screw M5x22	023 193
15	Limiters on the left E10 – E14	205 764	508	Cap screw M5x12-8.8	022 943
16	Limiters on the right E10 – E14	205 765	513	Sprung thrust piece	023 177
20	Cover rail at the front E12	214 037	515	Shim 0.02x18.5x345	023 194
26	Fixed wire D=2.8 1290mm	213 983	516	Shim 0.03x18.5x34	023 195
35	Spring steel wire 1.95 D E10 – E14	213 997	517	Shim 0.05x18.5x34	023 196
505	Cap screw M5x8-8.8	023 154	518	Shim 0.1x18.5x34	023 197
			519	Shim 0.2x18.5x34	023 253



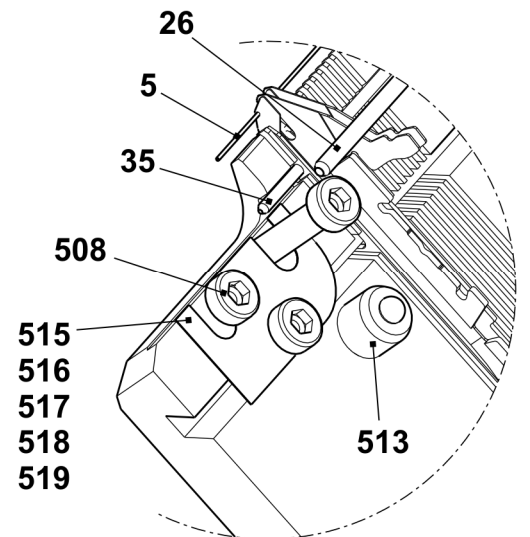
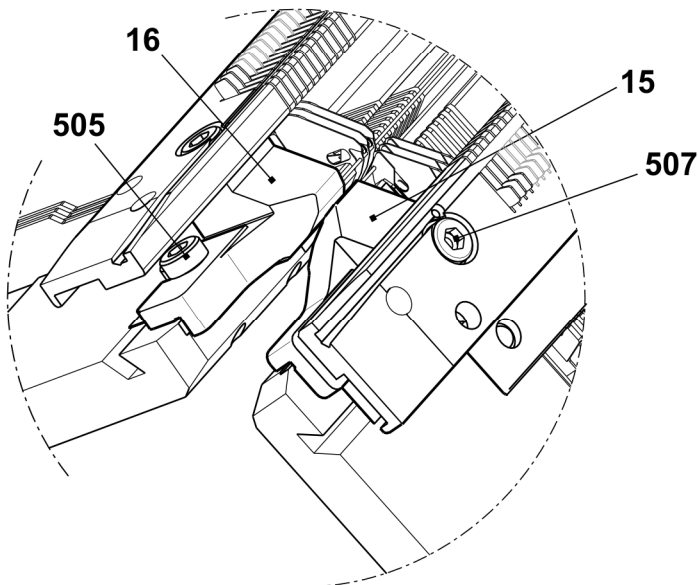
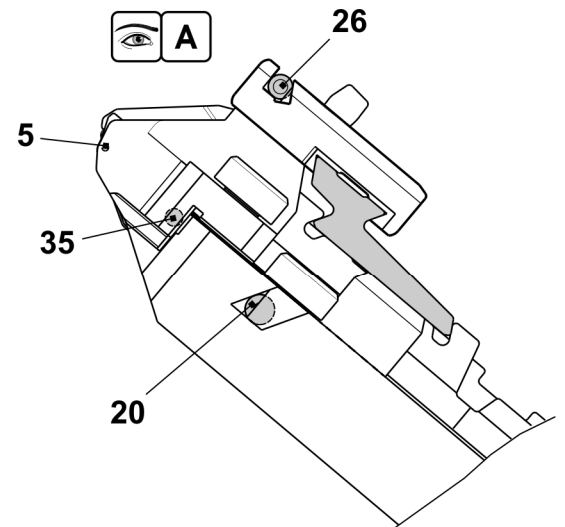
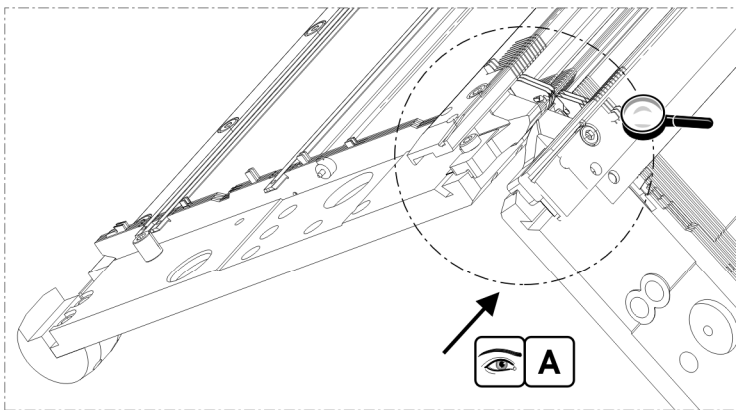
Needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E14	241 497	20	Cover rail at the front E14	214 038
1	Needle bed at the front and rear E14	240 383	21	Cover rail	213 762
3	Main trick wall E14	209 574	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E14	209 614	34	Stop screw	214 039
72	Coupling part E14	209 633	40*	Plate brush	235 612
9	Intermediate slider E14	237 373	41*	Container plate brush	233 012
10	Selection jack E14 with selector spring	224 725	42*	Plate brush	202 600
11	Holding-down jack bed E14	240 449	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E14	240 432	540*	Cap screw M5x12	020 032
13	Knock-over bit E14	209 649	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E14	235 262	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



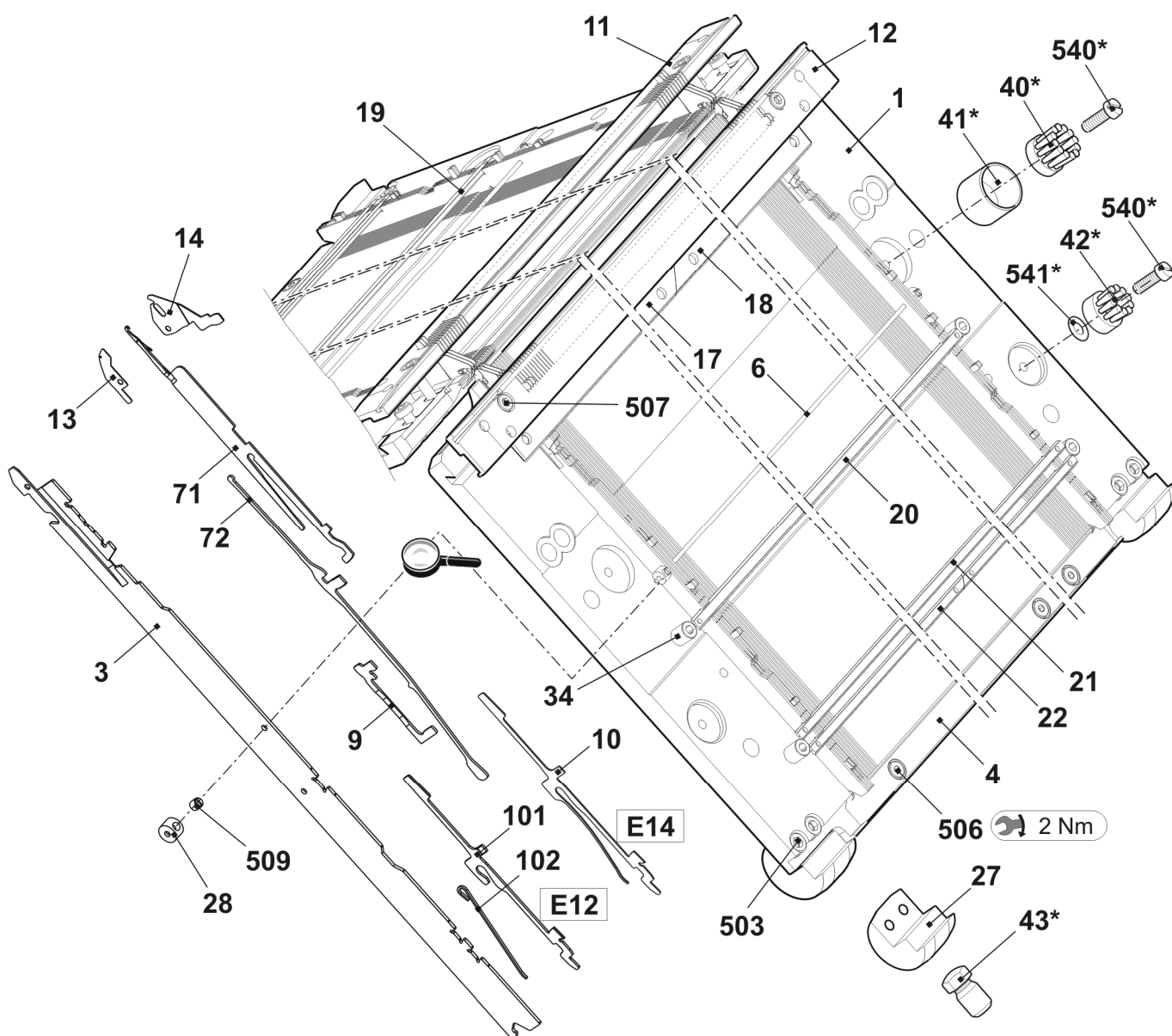
Continuation needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiters on the left E10 - E14	205 764	513	Spring thrust piece	023 177
16	Limiters on the right E10 - E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10 - E12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2x18.5x34	023 253
507	Cap screw M5x22	023 193			



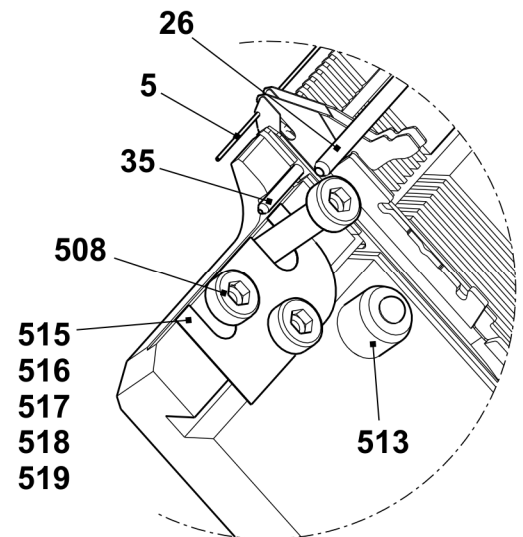
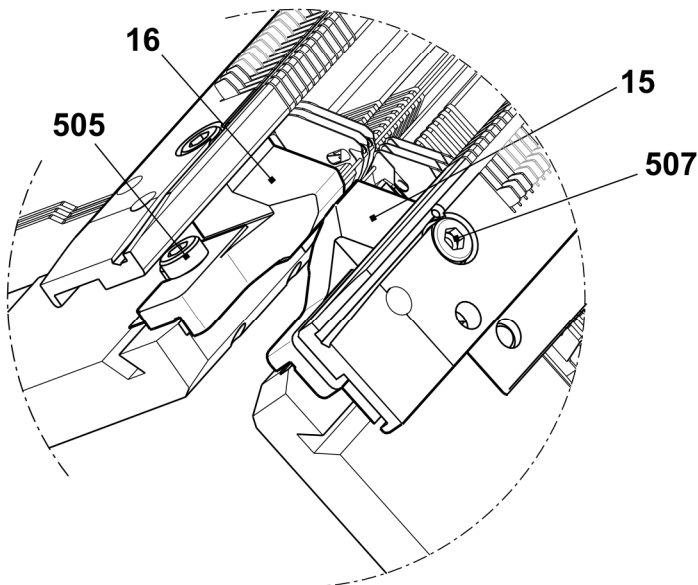
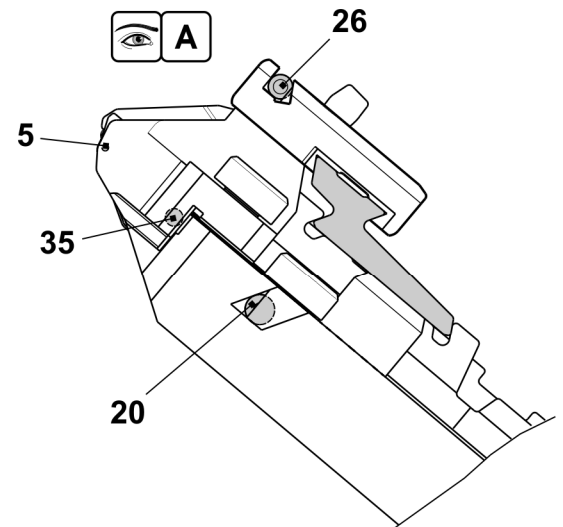
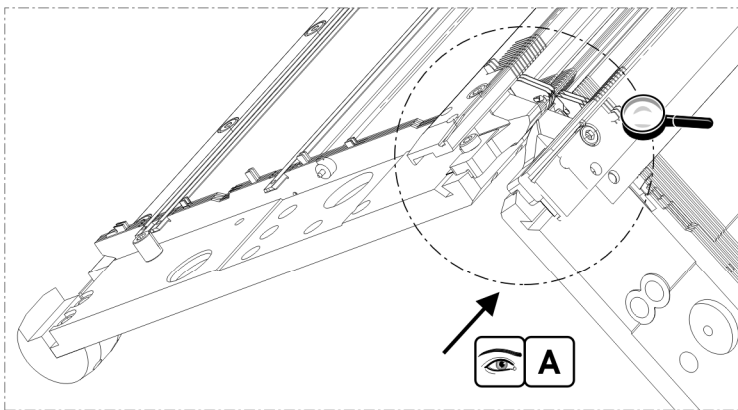
Needle bed E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7.2	241 511	20	Cover rail at the front E14	214 038
1	Needle bed at the front and rear E14	240 383	21	Cover rail	213 762
3	Main trick wall E14	209 574	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E7.2 vosa special 112.70-62	225 230	34	Stop screw	214 039
72	Coupling part E14	209 633	40*	Plate brush	235 612
9	Intermediate slider E14	237 373	41*	Container plate brush	233 012
101+	Selection jack E14	224 725	42*	Plate brush	202 600
102	with selector spring		43*	Adjusting bolt	240 765
11	Holding-down jack bed at the rear E7.2	240 456	540*	Cap screw M5x12	020 032
12	Holding-down jack bed at the front E7.2	240 439	541*	Adjusting washer P6x0.3	023 540
13	Knock-over bit E14	209 649	503	Cap screw M6X14	022 658
14	Holding-down jack (trick wall) E14	235 262	506	Cap screw M4-M5x8	023379
17	Needle rail on the left	213 998	507	Cap screw M5x22	023 193
18	Needle rail on the right	213 999	509	Set screw M3,5x3-1	020 512
19	Cover rail at the rear	213 981			



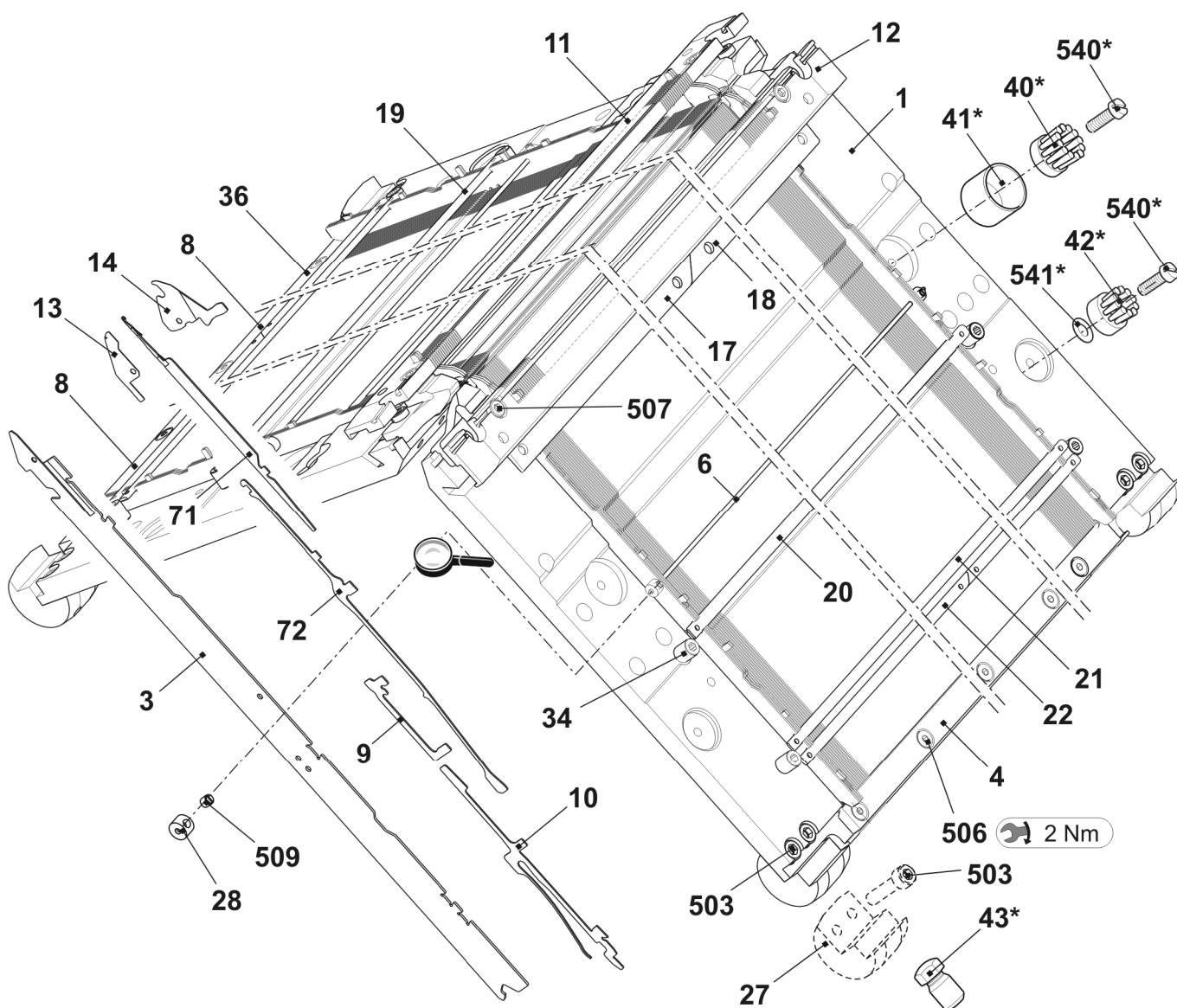
Continuation needle bed E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiters on the left E10 – E14	205 764	513	Spring thrust piece	023 177
16	Limiters on the right E10 – E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10-12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 – E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



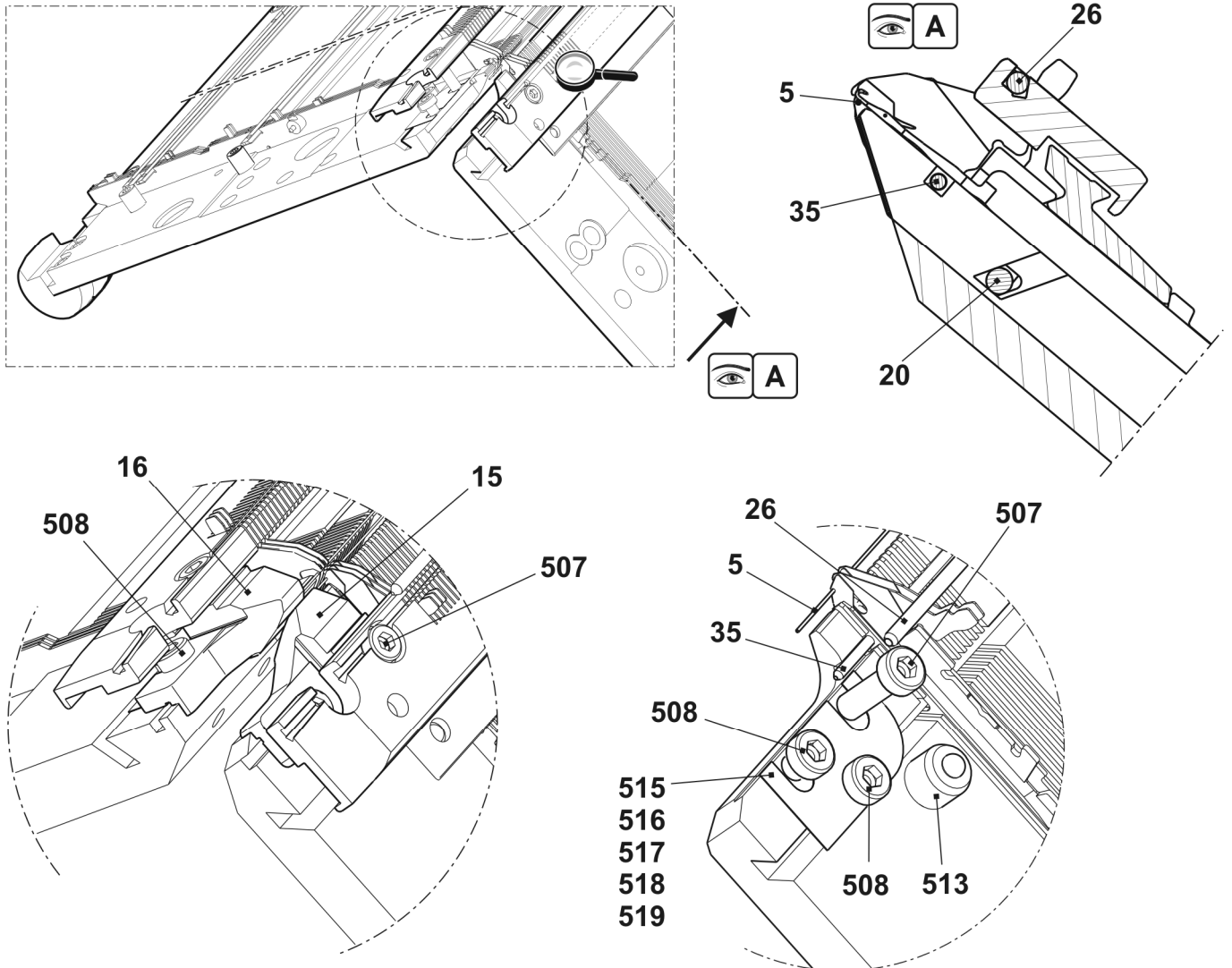
Needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E16	241 498	20	Cover rail at the front E16	222 531
1	Needle bed at the front rear E16	240 384	21	Cover rail	213 762
3	Main trick wall E16	222 501	22	Cover rail	213 763
4	Pressure bar at the front E5 – E14	219 536	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E16	232 243	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	36	Pressure bar at the rear on the right E16 – E20	223 042
8	Pressure bar at the rear E5 – E14	219 537	40*	Plate brush	235 612
9	Intermediate slider E16	237 326	41*	Container plate brush	233 012
10	Selection jack E16 with selector spring	222 265	42*	Plate brush	202 600
11	Holding-down jack bed at the rear E16	240 450	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E16	240 433	540*	Cap screw M5x12	020 032
13	Knock-over bit E16	222 503	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack E16	222 504	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



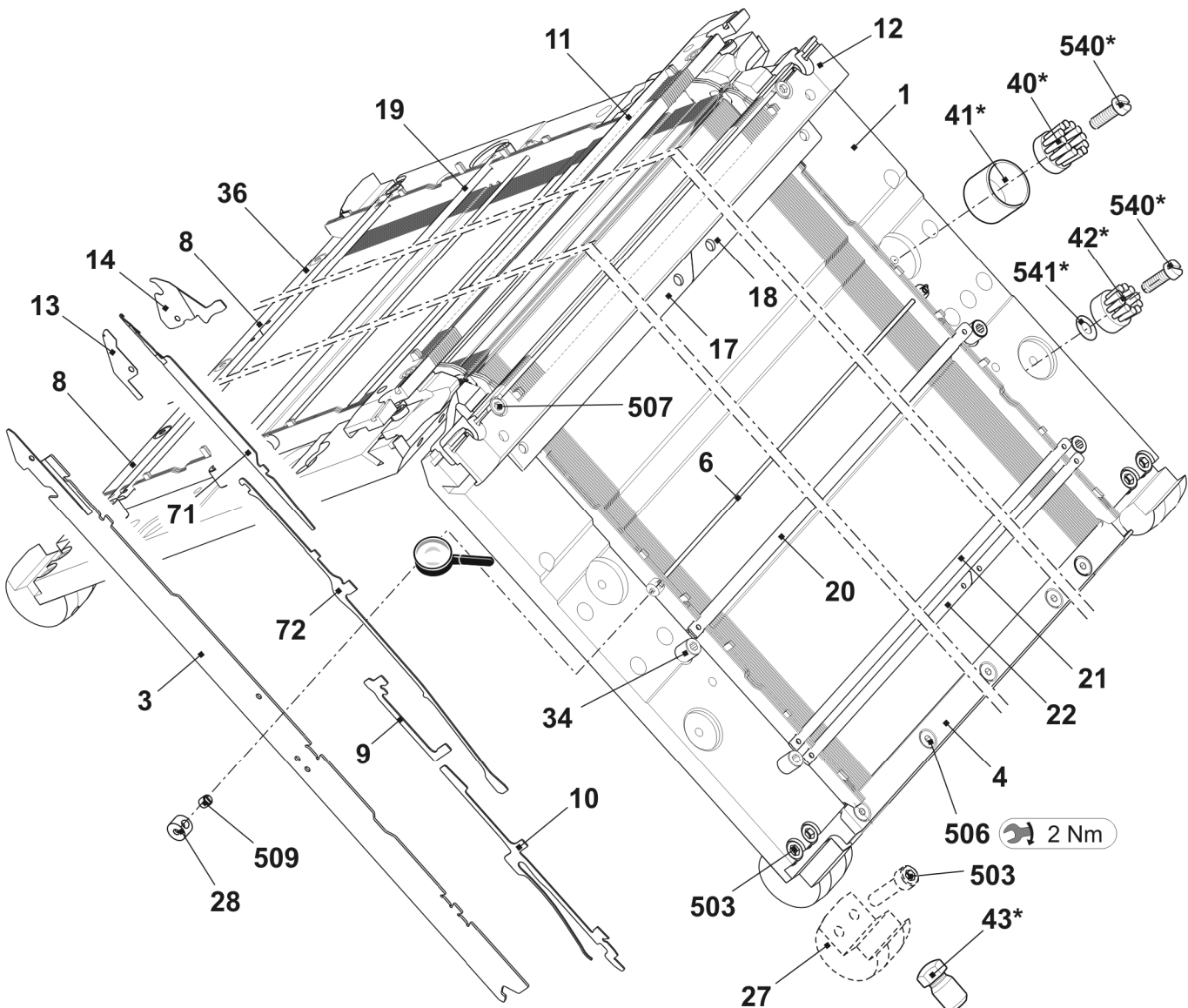
Continuation needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire D=0.5 1287mm	220 759	508	Cap screw M5x12-8.8	022 943
15	Limiters on the left E16 - E20	220 821	513	Sprung thrust piece	023 177
16	Limiters on the right E16 - E20	220 822	515	Shim 0.02x18.5x345	023 194
20	Cover rail at the front E16	222 531	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.0 1290mm	213 996	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 – E14	213 997	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



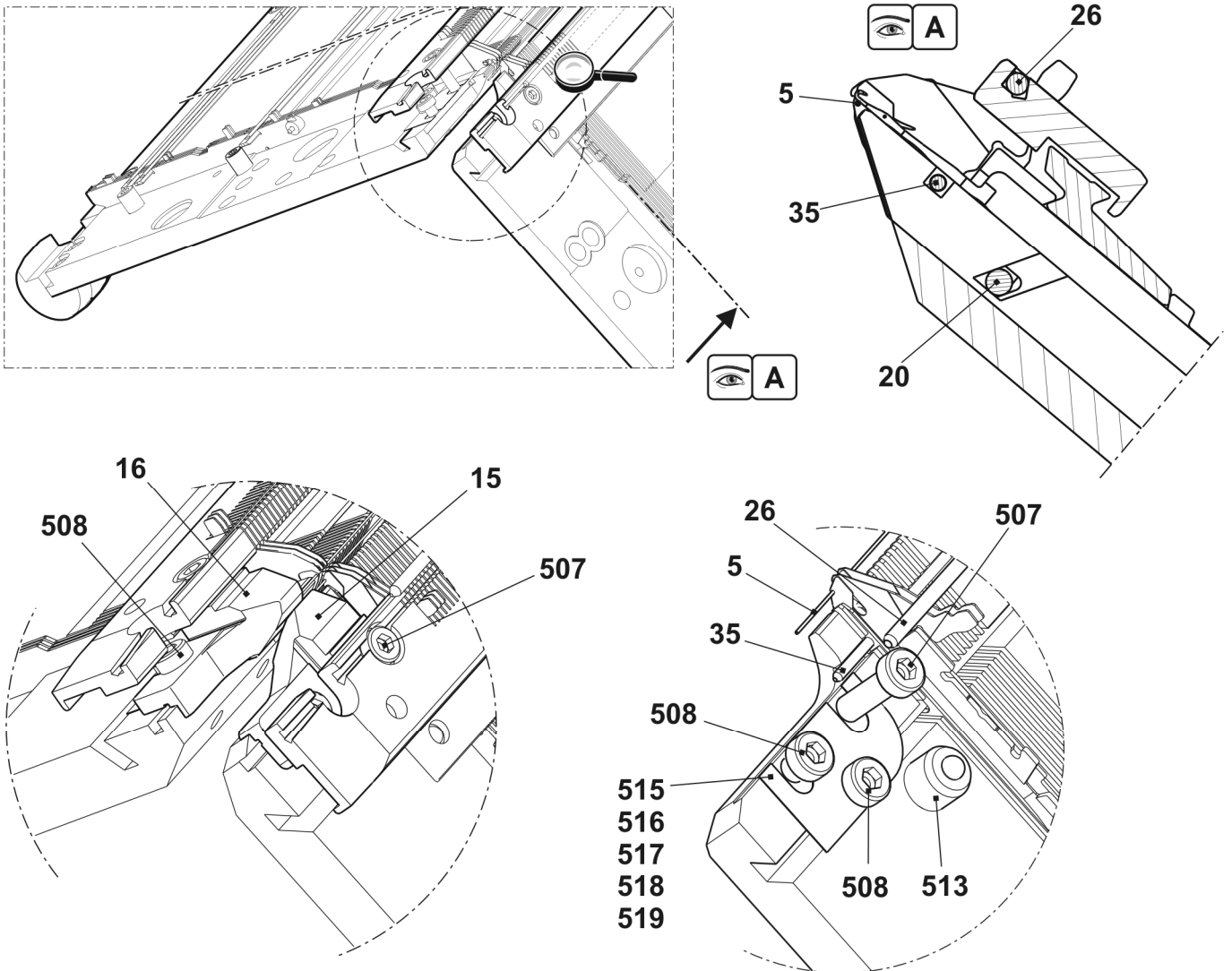
Needle bed E8.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8.2	241 512	20	Cover rail at the front E16	222 531
1	Needle bed at the front rear E16	240 384	21	Cover rail	213 762
3	Main trick wall E16	222 501	22	Cover rail	213 763
4	Pressure bar at the front E5 – E14	219 536	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E8.2	240 026	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	36	Pressure bar at the rear on the right E16 – E20	223 042
8	Pressure bar at the rear E5 – E14	219 537	40*	Plate brush	235 612
9	Intermediate slider E16	237 326	41*	Container plate brush	233 012
10	Selection jack E16 with selector spring	222 265	42*	Plate brush	202 600
11	Holding-down jack bed at the rear E16	240 450	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E16	240 433	540*	Cap screw M5x12	020 032
13	Knock-over bit E16	222 503	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack E16	222 504	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



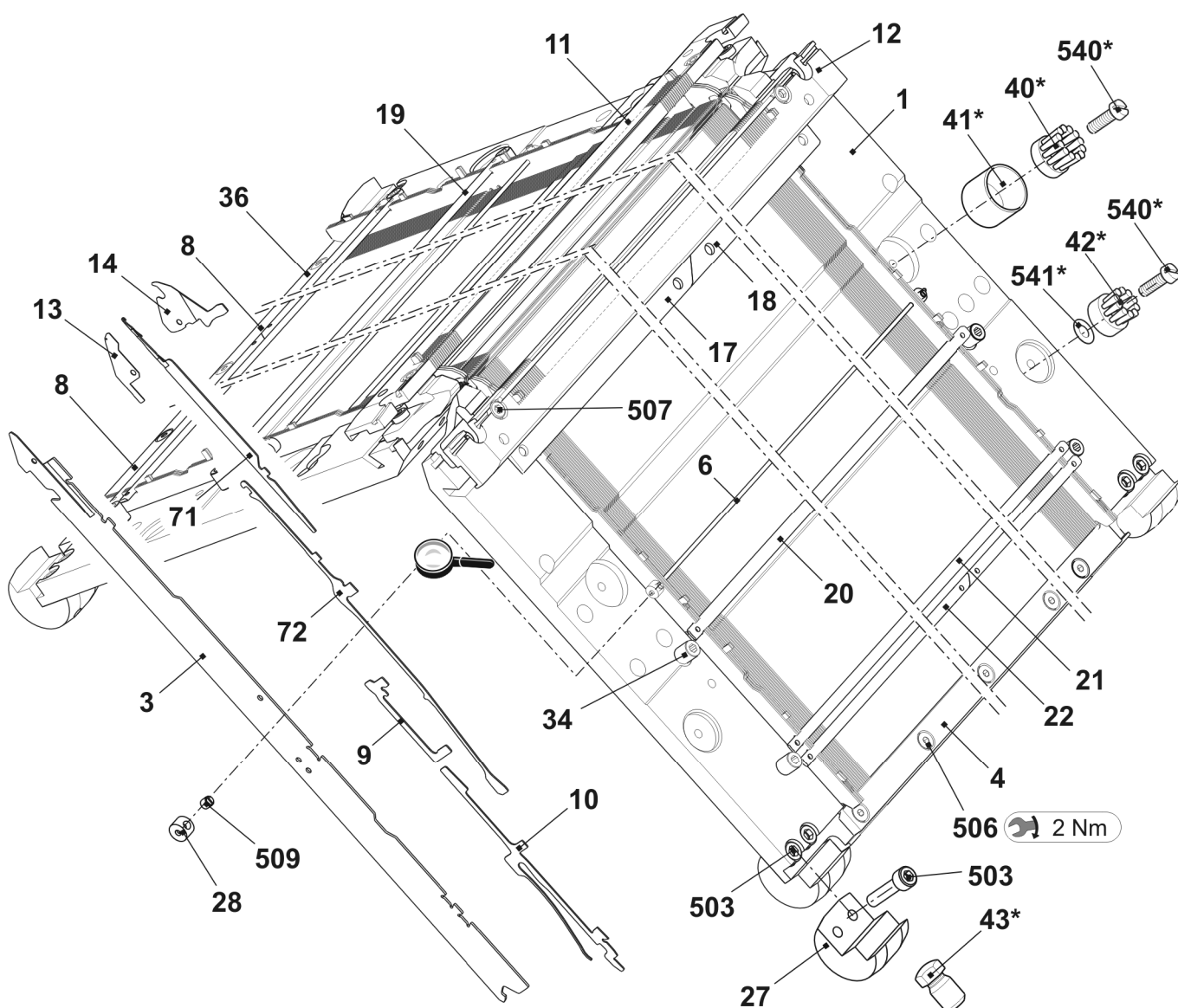
Continuation needle bed E8.2

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire D=0.5 1287mm	220 759	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E16 - E20	220 821	513	Sprung thrust piece	023 177
16	Limiter on the right E16 - E20	220 822	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10 - E12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.0 1290mm	213 996	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



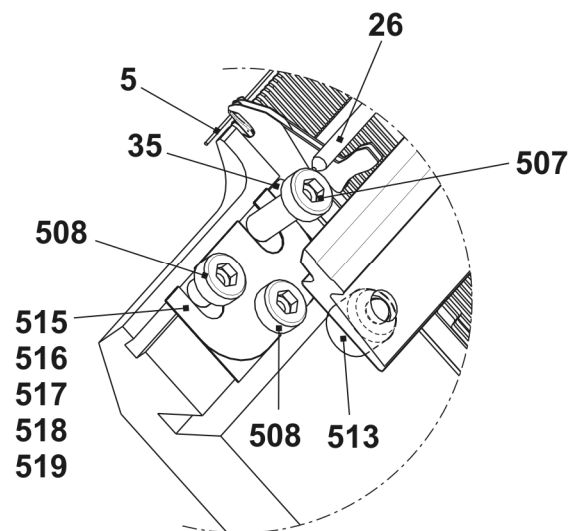
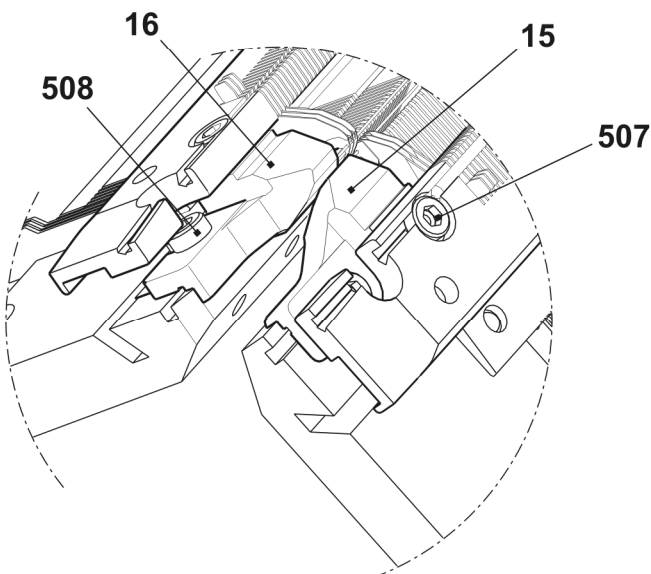
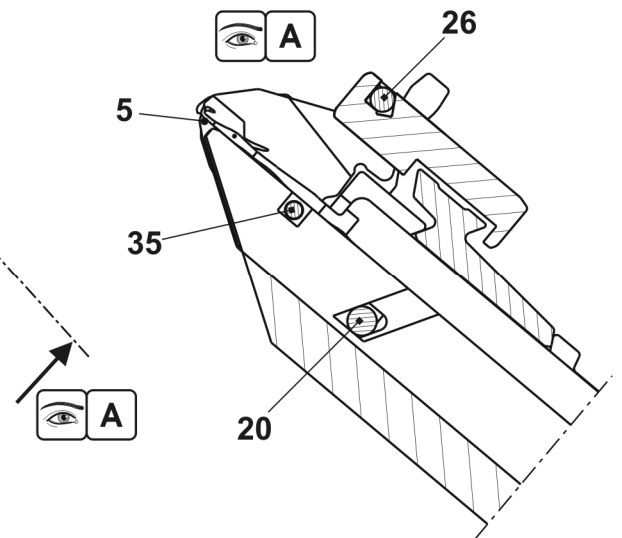
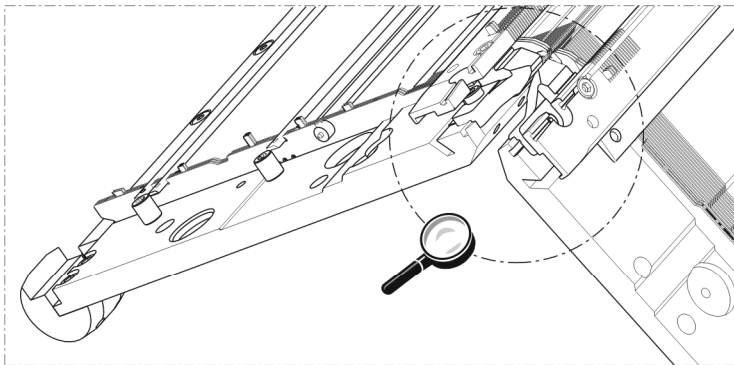
Needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E18	241 499	20	Cover rail at the front E18	220 745
1	Needle bed at the front + rear E18	240 385	21	Cover rail	213 762
3	Main trick wall E18	220 698	22	Cover rail	213 763
4	Pressure bar at the front E5 – E14	219 536	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E18	239 527	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	36	Pressure bar at the rear on the right E16 – E20	223 042
8	Pressure bar at the rear E5 – E14	219 537	40*	Plate brush	235 612
9	Intermediate slider E16 – E18 + E9.2	237 326	41*	Container plate brush	233 012
10	Selection jack E16 - E20 with spring	222 265	42*	Plate brush	202 600
11	Holding-down jack bed at the rear E18	240 451	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E18	240 434	540*	Cap screw M5x12	020 032
13	Knock-over bit E18	220 764	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack E18	220 770	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



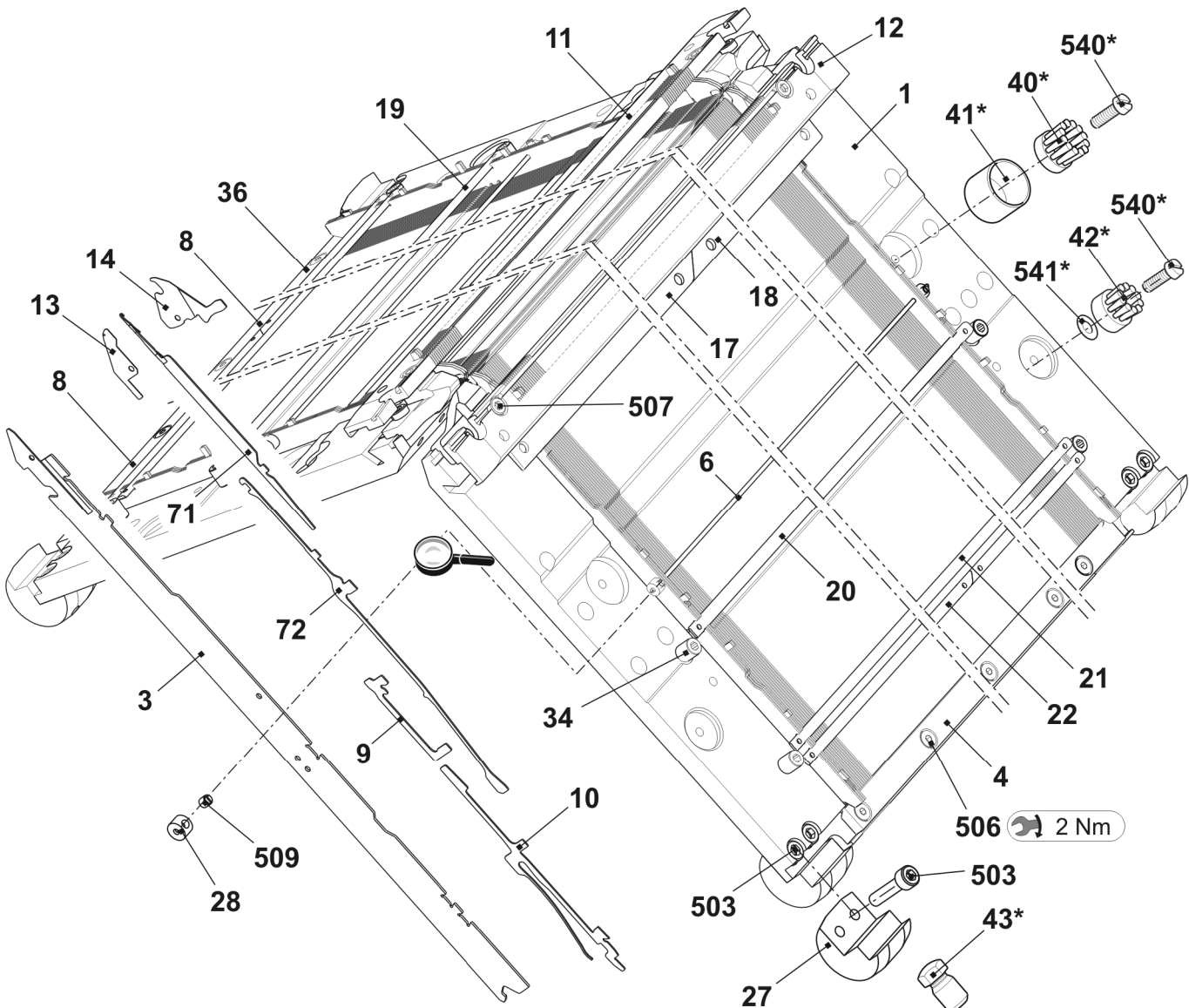
Continuation needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire D=0.5 1287mm	220 759	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E16 - E20	220 821	513	Sprung thrust piece	023 177
16	Limiter on the right E16 - E20	220 822	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10 - E12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.0 1290mm	213 996	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2X18.5X34	023 253



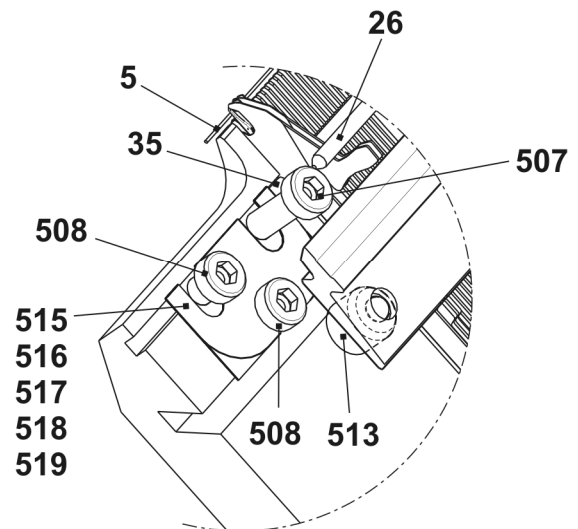
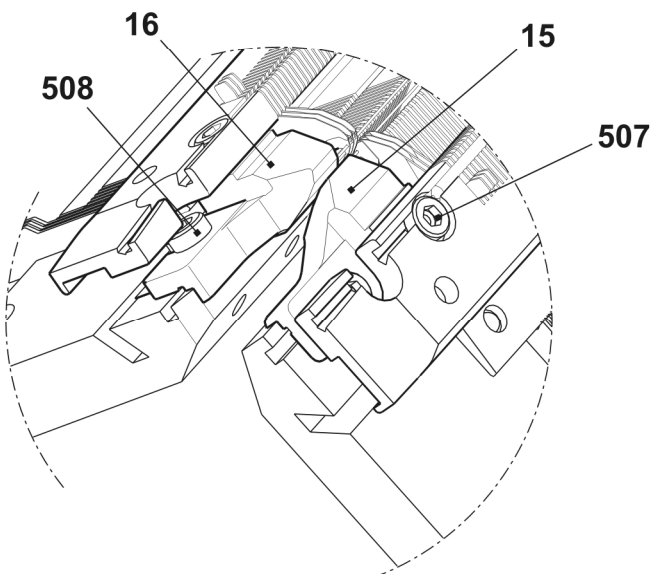
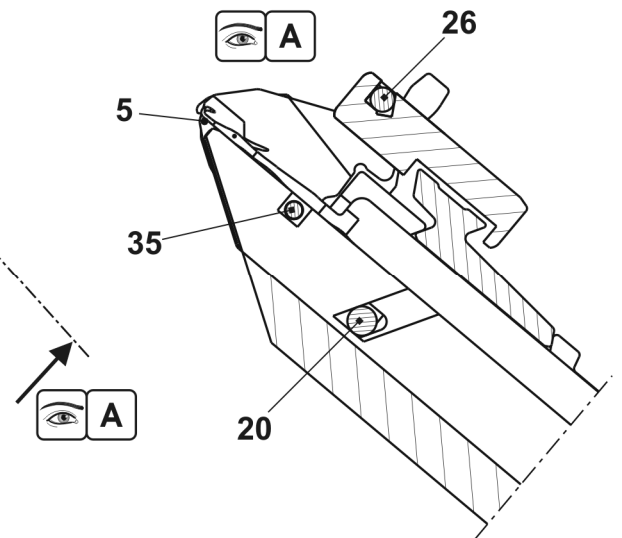
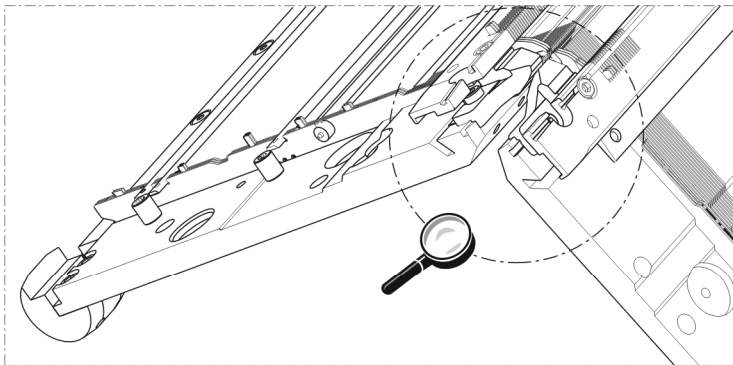
Needle bed E9.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E9.2	241 513	20	Cover rail at the front E18	220 745
1	Needle bed at the front + rear E18	240 385	21	Cover rail	213 762
3	Main trick wall E9.2	229 138	22	Cover rail	213 763
4	Pressure bar at the front E5 – E14	219 536	27	Support	241 339
6	Spring steel wire D=2.0 1286mm	213 996	28	Bush	206 090
71	Needle E9.2	227 755	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	36	Pressure bar at the rear on the right E16 – E20	223 042
8	Pressure bar at the rear E5 - E14	219 537	40*	Plate brush	235 612
9	Intermediate slider E16 - E18 + E9.2	237 326	41*	Container plate brush	233 012
10	Selection jack E16 - E20 with spring	222 265	42*	Plate brush	202 600
11	Holding-down jack bed at the rear E18	240 451	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E18	240 434	540*	Cap screw M5x12	020 032
13	Wire support	229 141	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack E9.2	229 425	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3,5x3-1	020 512



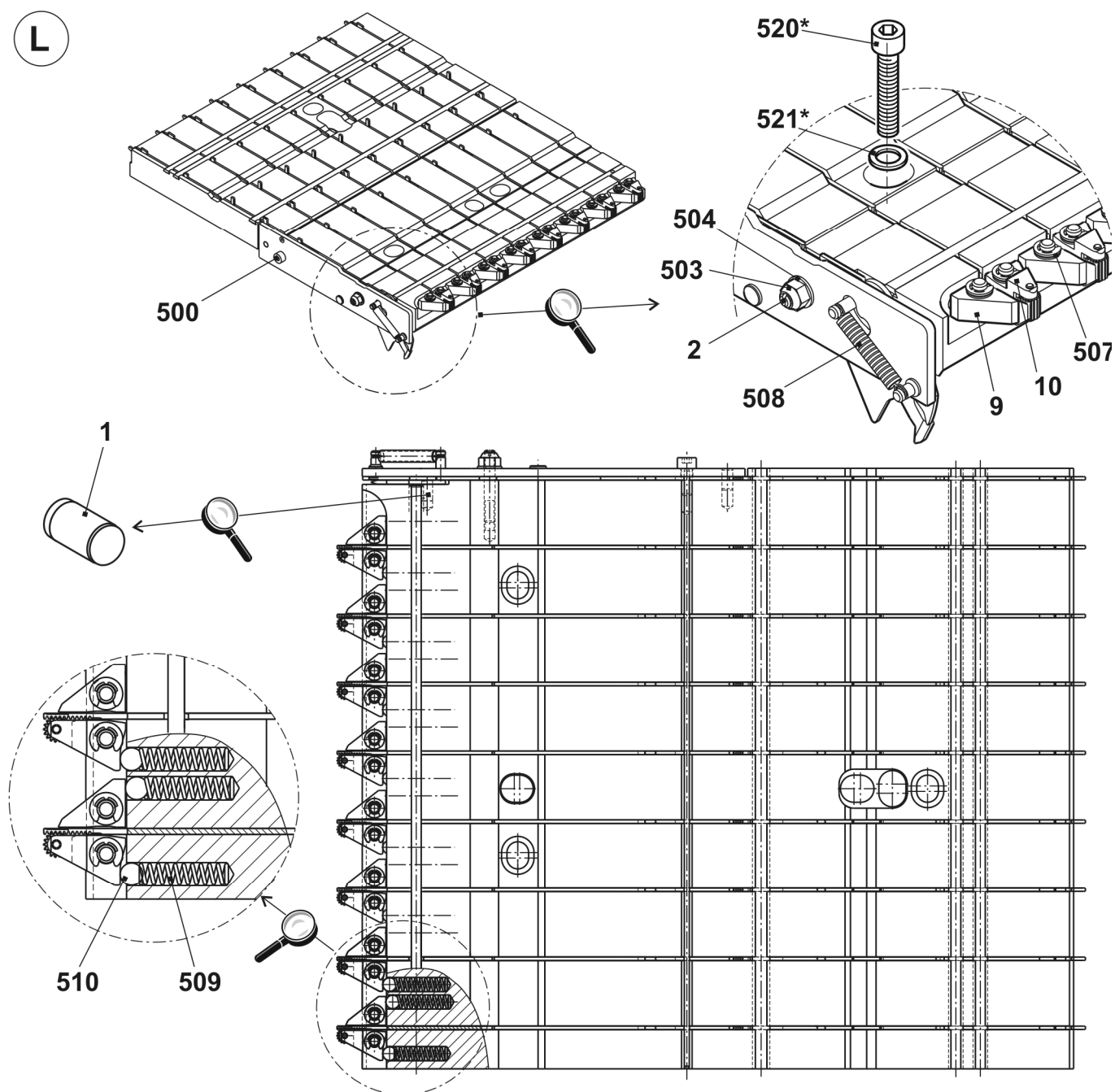
Continuation needle bed E9.2

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire D=0.5 1287mm	220 759	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E16 - E20	220 821	513	Sprung thrust piece	023 177
16	Limiter on the right E16 - E20	220 822	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10 - E12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.0 1290mm	213 996	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2X18.5X34	023 253



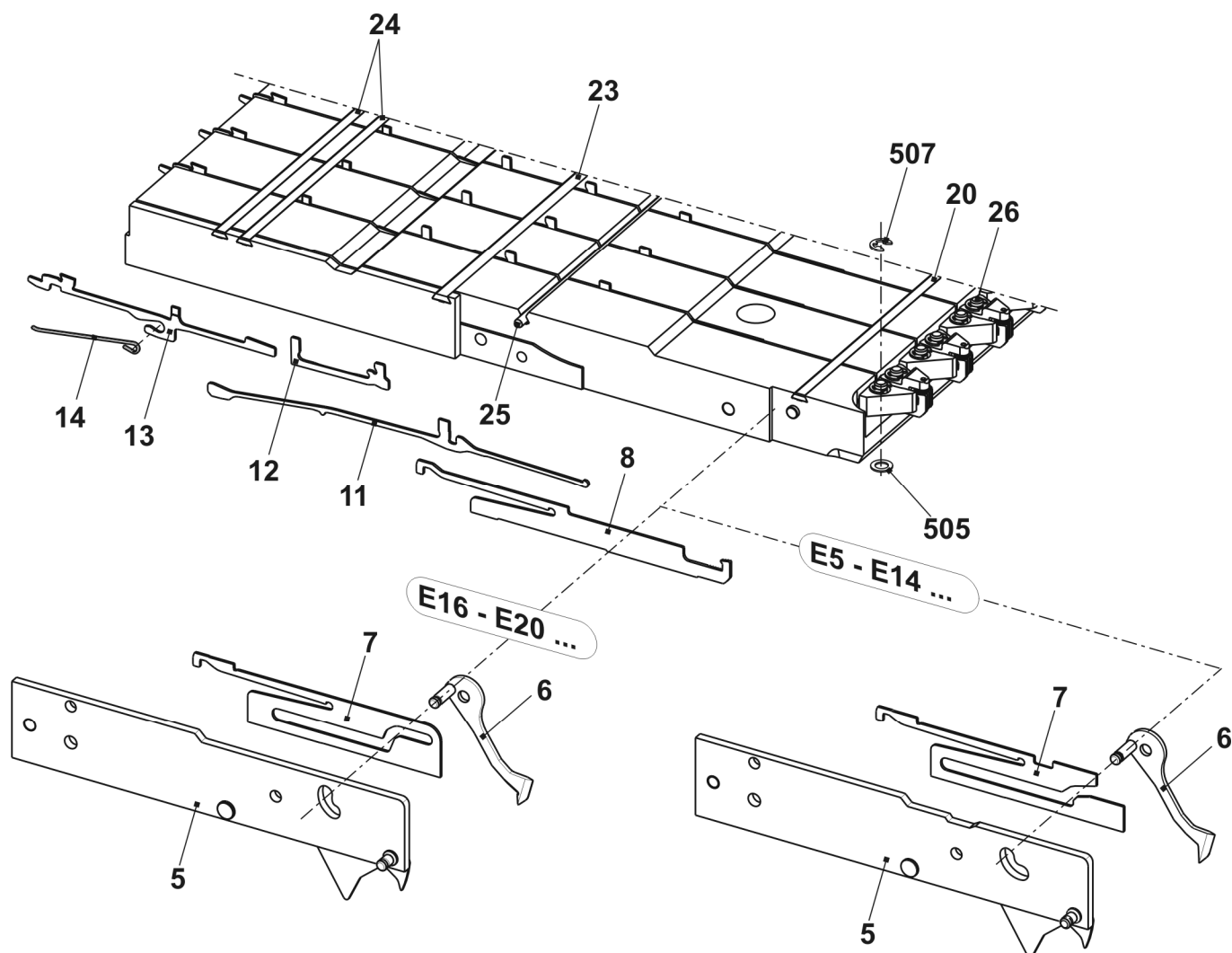
Left clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left clamping/cutting bed		500	Cap screw M4x10	023 136
	E5 - E8, E2,5.2, E3,5.2, E5.2	211 883	503	Hexagon nut M4	023 046
	E10 - E14, E6.2, E7.2	211 884	504	Washer 4	020 870
	E16 - E18, E8.2	239 678	507	Circlip 3.2	021 019
1	Axle	211 349	509	Compression spring 0.8x4x26.3	023 333
2	Guide leader pin	211 351	510	Ball DIN 5401 - 5	023 309
9	Blade	210 422	520*	Cap screw M6x25	023 335
10	Clamp on the left complete	210 462	521*	Washer 7.6x11.6x1.5	023 334
508	Tension spring 5x0.55x18.9 (E5 - E8, E2,5.2, E3,5.2, E5.2)	023 377	A+B	Equipment of the clamping/cutting bed on the left	
	Tension spring 4x0.55x18.9 (E10 - E18, E6.2 - E8.2)	023 392			



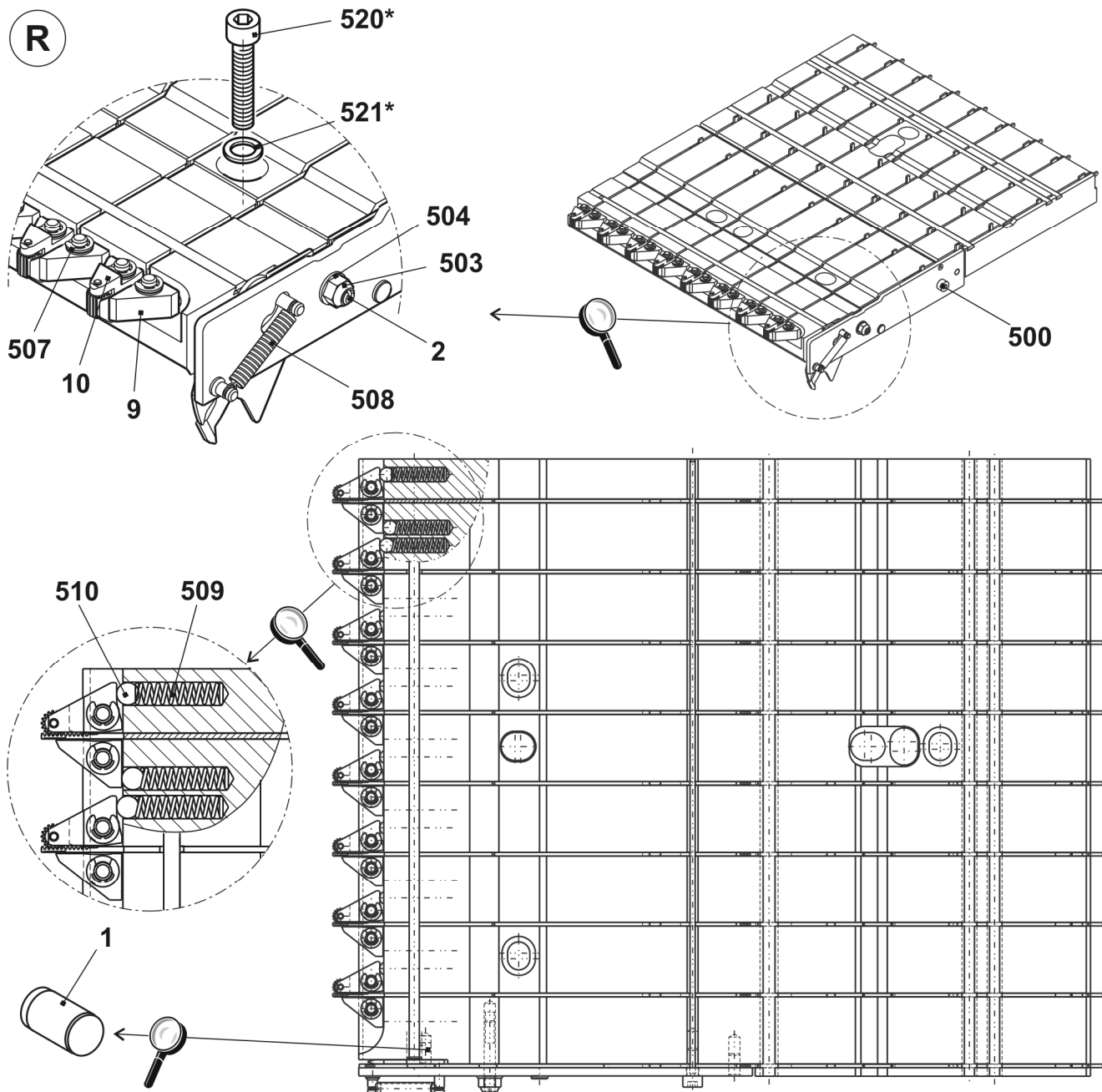
Equipment of the clamping/cutting bed on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Cover on the left complete		12	Intermediate slider	
	E5 - E14, E2,5.2 - E7.2	211 771		E5 - E14, E2,5.2 - E7.2	237 323
	E16 - E18 + E8.2	242 835		E16 - E18 + E8.2	237 324
6	Catch hook on the left		13	Selection jack	
	E5 - E14, E2,5.2 - E7.2	213 151		E5 - E14, E2,5.2 - E7.2	200 687
	E16 - E18 + E8.2	242 831		E16 - E18 + E8.2	200 688
7	Slider		14	Selector spring	
	E5 - E8 + E2,5.2 - E5.2	211 096		E5 - E14, E2,5.2 - E7.2	200 690
	E10 - E14 + E6.2 + E7.2	211 104		E16 - E18 + E8.2	200 691
	E16 - E18 + E8.2	242 828			
8	Catch needle on the left		20	Cover rail	211 358
	E5 - E8 + E2,5.2 - E5.2	211 804	23	Cover rail	209 223
	E10 - E14 + E6.2 + E7.2	211 809	24	Cover rail	209 224
	E16 - E18 + E8.2	221 111	25	Fixed wire	215 927
11	Coupling part		26	Bolt	208 094
	E5 - E14, E2,5.2 - E7.2	200 682	505	Disc 4.3x7x0.5	022 153
	E16 - E18 + E8.2	200 683	507	Circlip 3.2	021 019



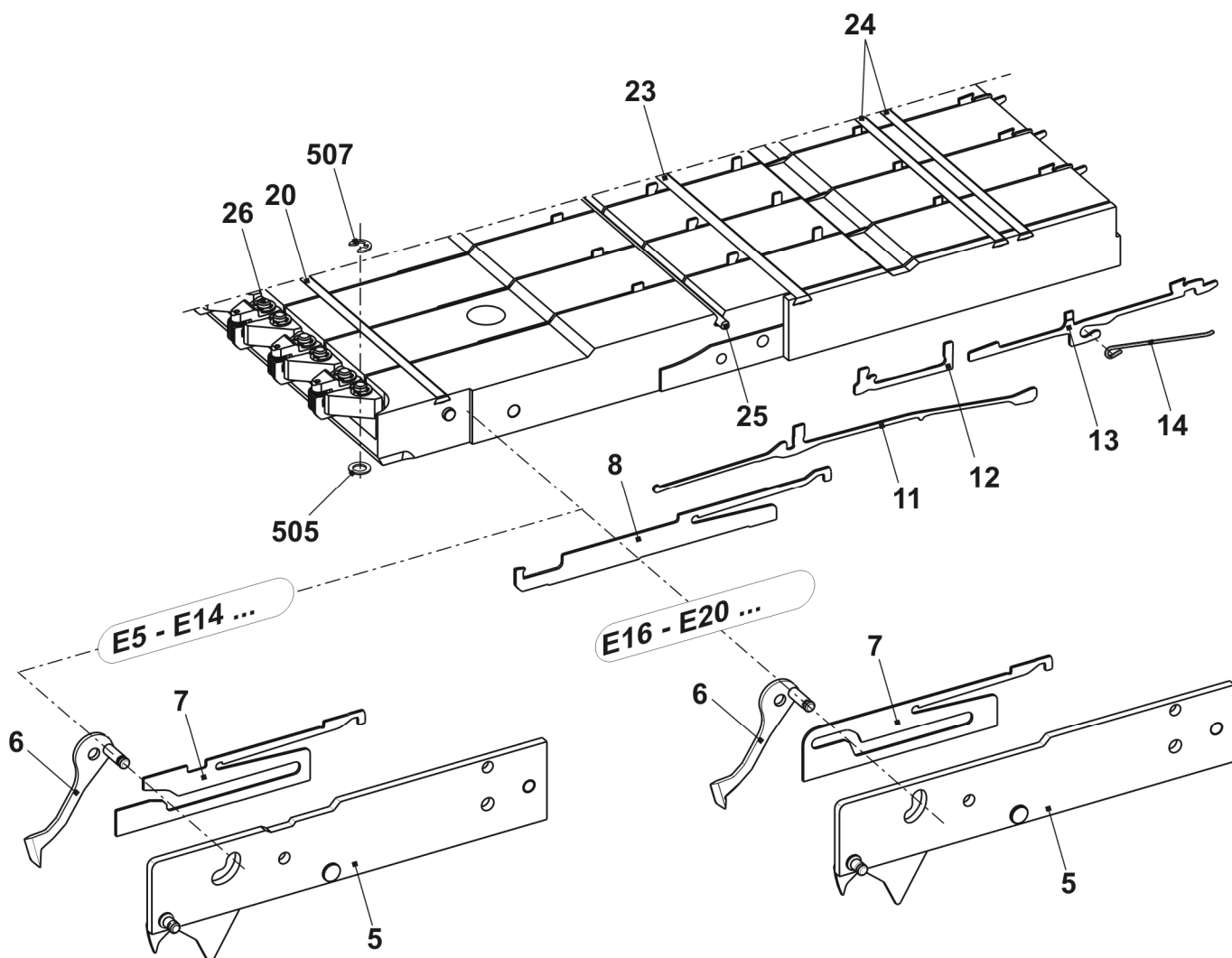
Clamping/cutting bed on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Clamping/cutting bed on the right		500	Cap screw M4x10	023 136
	E5 - E8, E2,5.2, E3,5.2, E5.2	211 885	503	Hexagon nut M4	023 046
	E10 - E14, E6.2, E7.2	211 886	504	Washer 4	020 870
	E16 - E18, E8.2	239 679	507	Circlip 3.2	021 019
1	Axle	211 349	509	Compression spring 0.8x4x26.3	023 333
2	Guide leader pin	211 351	510	Ball DIN 5401 - 5	023 309
9	Blade	210 422	520*	Cap screw M6x25	023 335
10	Clamp on the right complete	210 464	521*	Washer 7.6x11.6x1.5	023 334
508	Tension spring 5x0.55x18.9 (E5 - E8, E2,5.2, E3,5.2, E5.2)	023 377	A+B	Equipment of the clamping/cutting bed on the left	
	Tension spring 4x0.55x18.9 (E10 - E18, E6.2 - E8.2)	023 392			



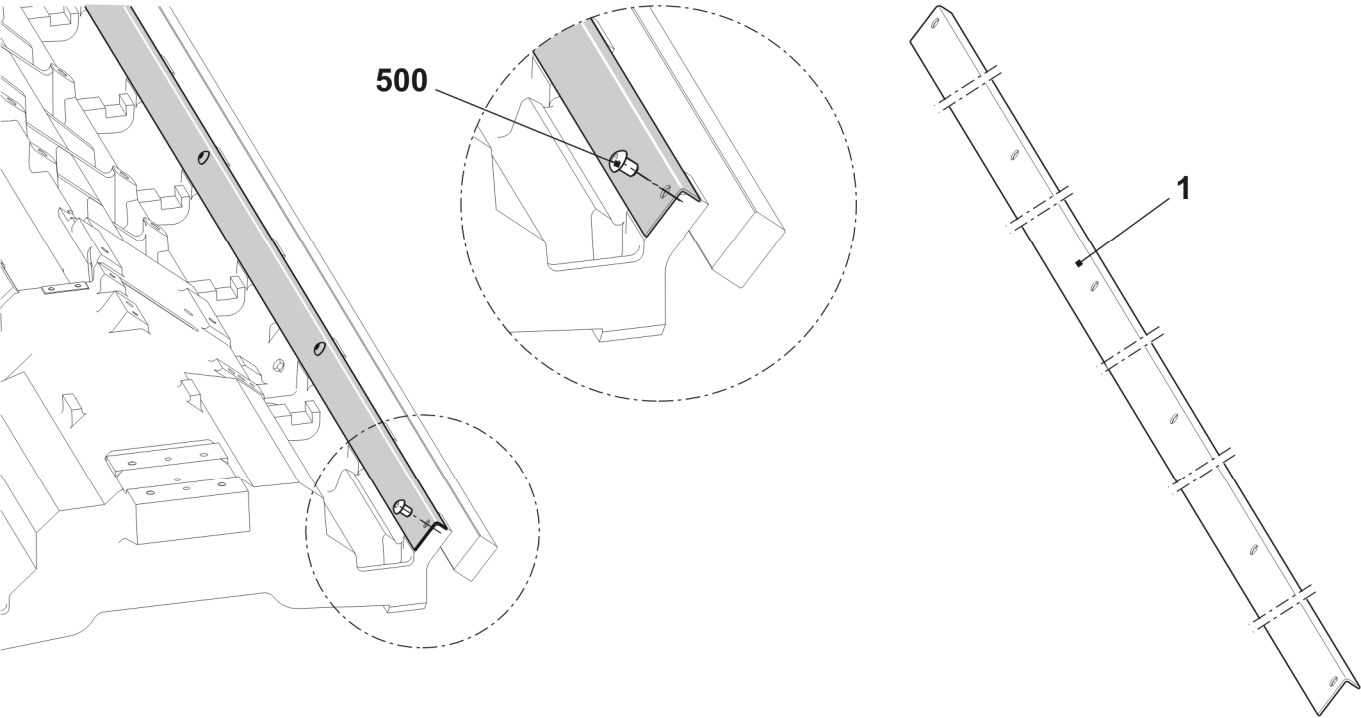
Equipment of the right clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Cover on the right complete		12	Intermediate slider	
	E5 - E14, E2,5.2 - E7.2	211 347		E5 - E14, E2,5.2 - E7.2	237 323
	E16 - E18 + E8.2	242 836		E16 - E18 + E8.2	237 324
6	Catch hook on the right		13	Selection jack	
	E5 - E14, E2,5.2 - E7.2	213 150		E5 - E14, E2,5.2 - E7.2	200 687
	E16 - E18 + E8.2	242 833		E16 - E18 + E8.2	200 688
7	Slider		14	Selector spring	
	E5 - E8 + E2,5.2 - E5.2	211 096		E5-14, E2,5.2 - E7.2	200 690
	E10 - E14 + E6.2 + E7.2	211 104		E16 - E18 + E8.2	200 691
	E16 - E18 + E8.2	242 828	20	Cover rail	211 358
8	Catch needle on the right		23	Cover rail	209 223
	E5 - E8 + E2,5.2 - E5.2	210 420	24	Cover rail	209 224
	E10 - E14 + E6.2 + E7.2	210 249	25	Fixed wire	209 222
	E16 - E18 + E8.2	221 112	26	Bolt	208 094
11	Coupling part		505	Disc 4.3x7x0.5	022 153
	E5 - E14, E2,5.2 - E7.2	200 682	507	Circlip 3.2	021 019
	E16 - E18 + E8.2	200 683			

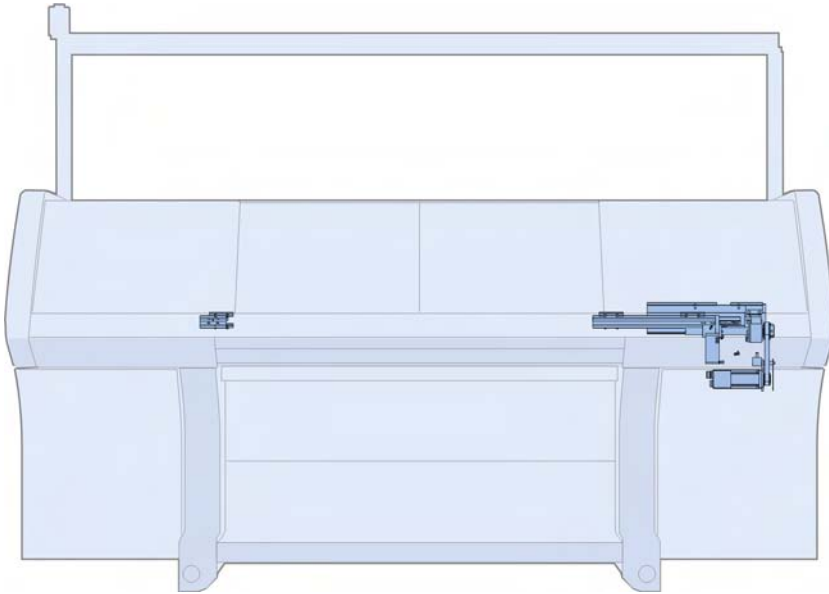


Cover

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover	241 922	500	Countersunk screw M8x10	241 930

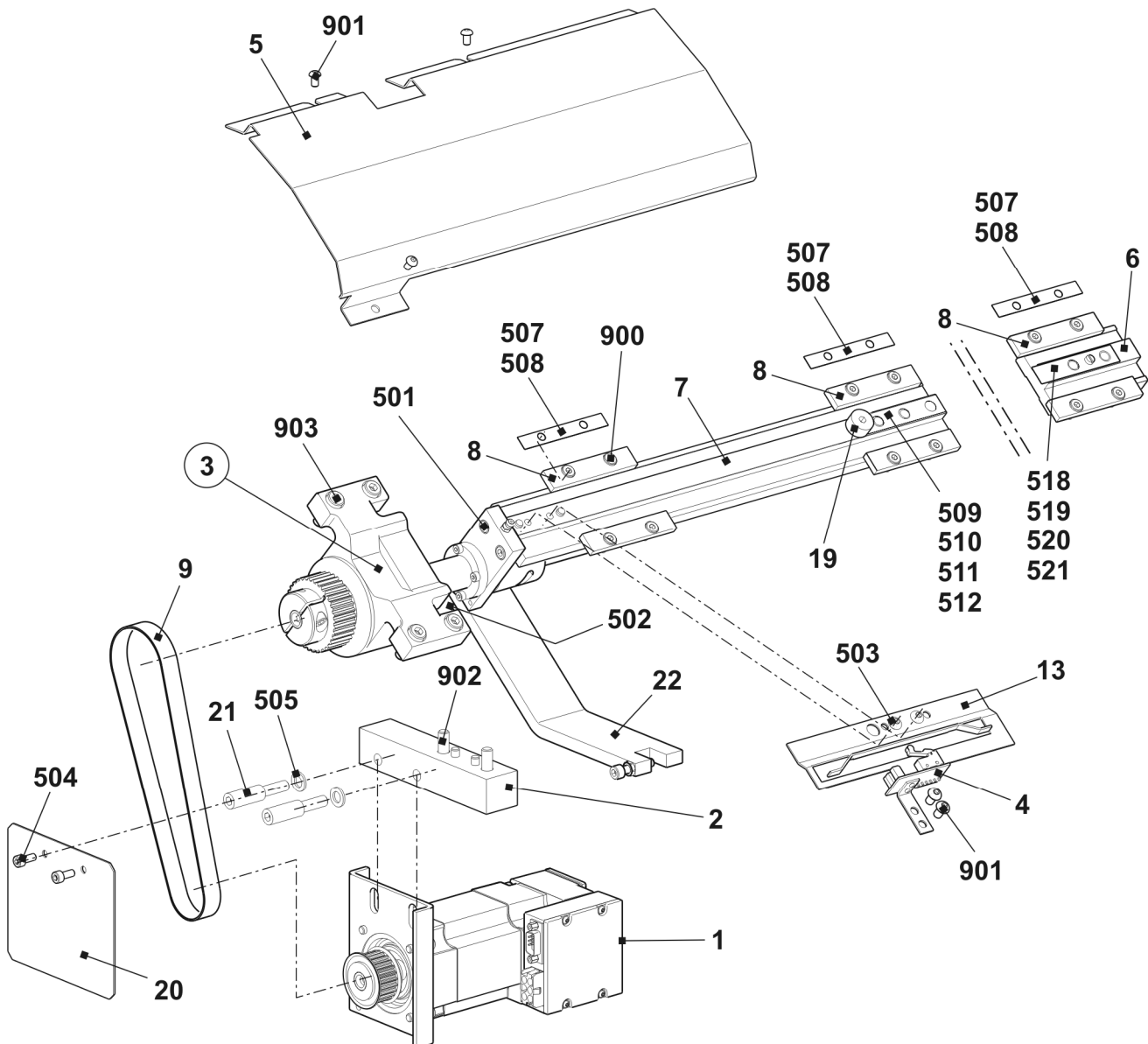


Racking



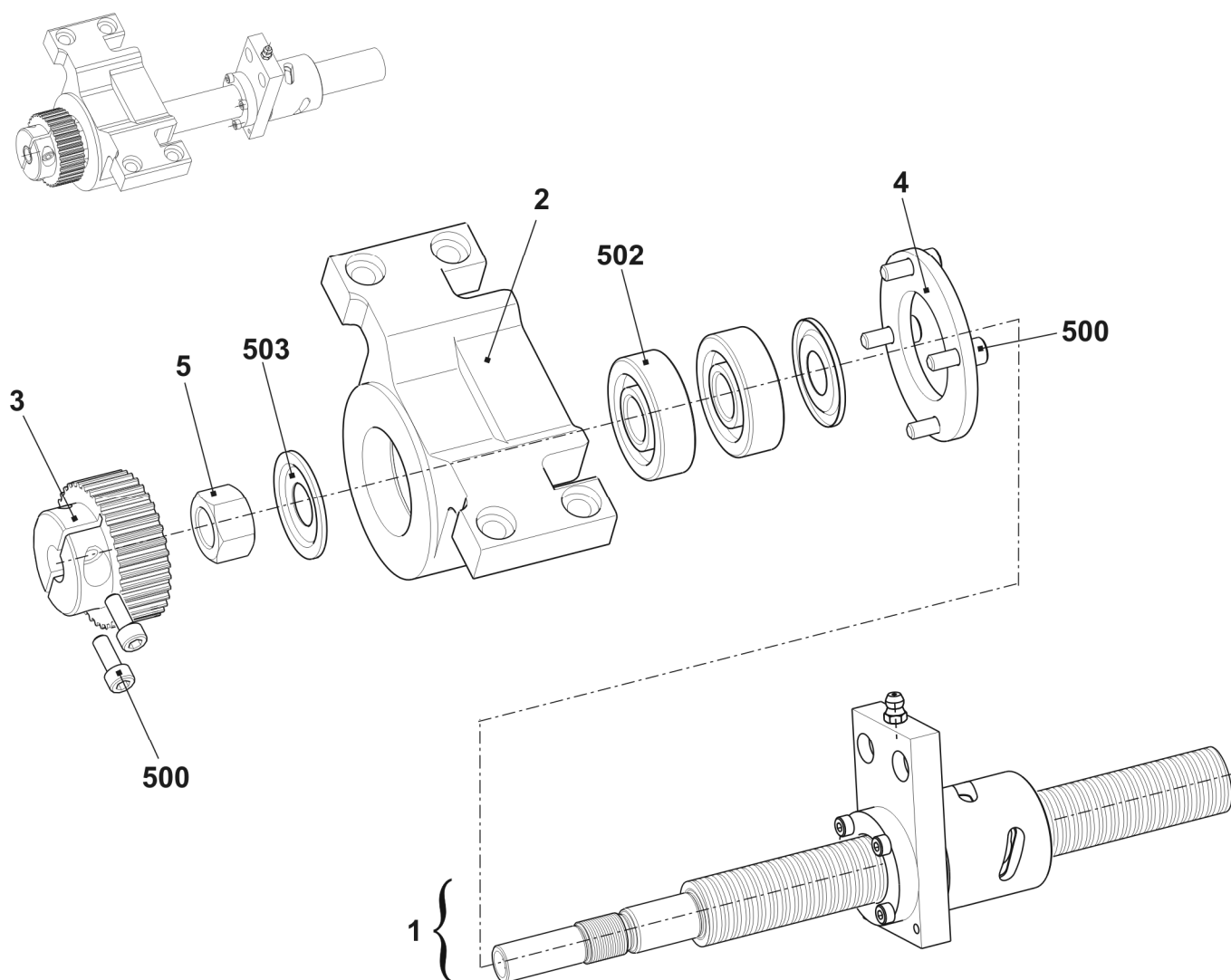
Racking drive

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive unit racking	241 455	503	Countersunk screw M6x10-12.9	023 183
1	Racking motor complete	241 454	504	Cap screw M5x12	020 132
2	Bearing	227 605	505	Washer	020 883
3	Spindle bearing complete	240 798	507	Shim 0.03x11x80	023 286
4	Card racking limit switch	229 396	508	Shim 0.05x11x80	023 287
5	Racking cover plate	240 721	509	Shim 0.03x15x85	023 162
6	Racking plate on the left	240 696	510	Shim 0.05x15x85	023 163
7	Racking plate	240 690	511	Shim 0.1x15x85	023 164
8	Guide bead	206 382	512	Shim 0.2x15x85	023 170
9	Toothed belt 150 S 5M 490	229 281	518	Shim 0.03x15x75	023 395
13	Switching metal plate	240 722	519	Shim 0.05x15x75	023 396
19	Stop screw	221 386	520	Shim 0.1x15x75	023 397
20	Cover plate	232 544	521	Shim 0.2x15x75	023 398
21	Distance bolt	232 543	900	Cap screw M6X12	022 795
22	Bearing fork	240 689	901	Countersunk screw M6x10-12.9	023 183
501	Cap screw M6X16	023 116	902	Cap screw M8x35	020 144
502	Cap screw M6X16	020 135	903	Cap screw M8x25-12.9	020 142

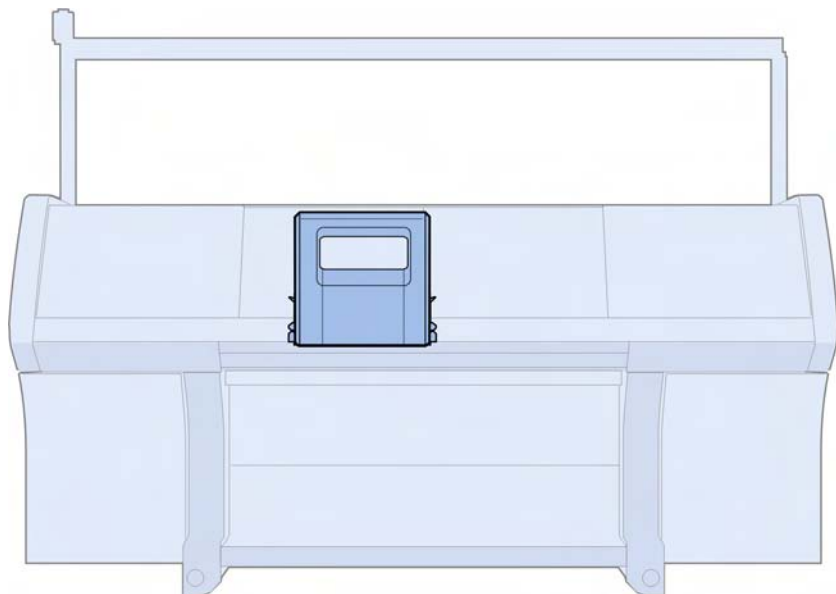


Racking spindle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Spindle bearing complete	240 798	5	Shaft nut	219 677
1	Spindle complete	240 732	500	Cap screw M6x16	020 135
2	Bearing housing	240 724	502	Angular ball bearing 7303B	023 488
3	Timing belt pulley 36 S5M 150	219 664	503	NILOS Ring 7303 AVG 41,2X17X2	023 487
4	Ring	219 676			

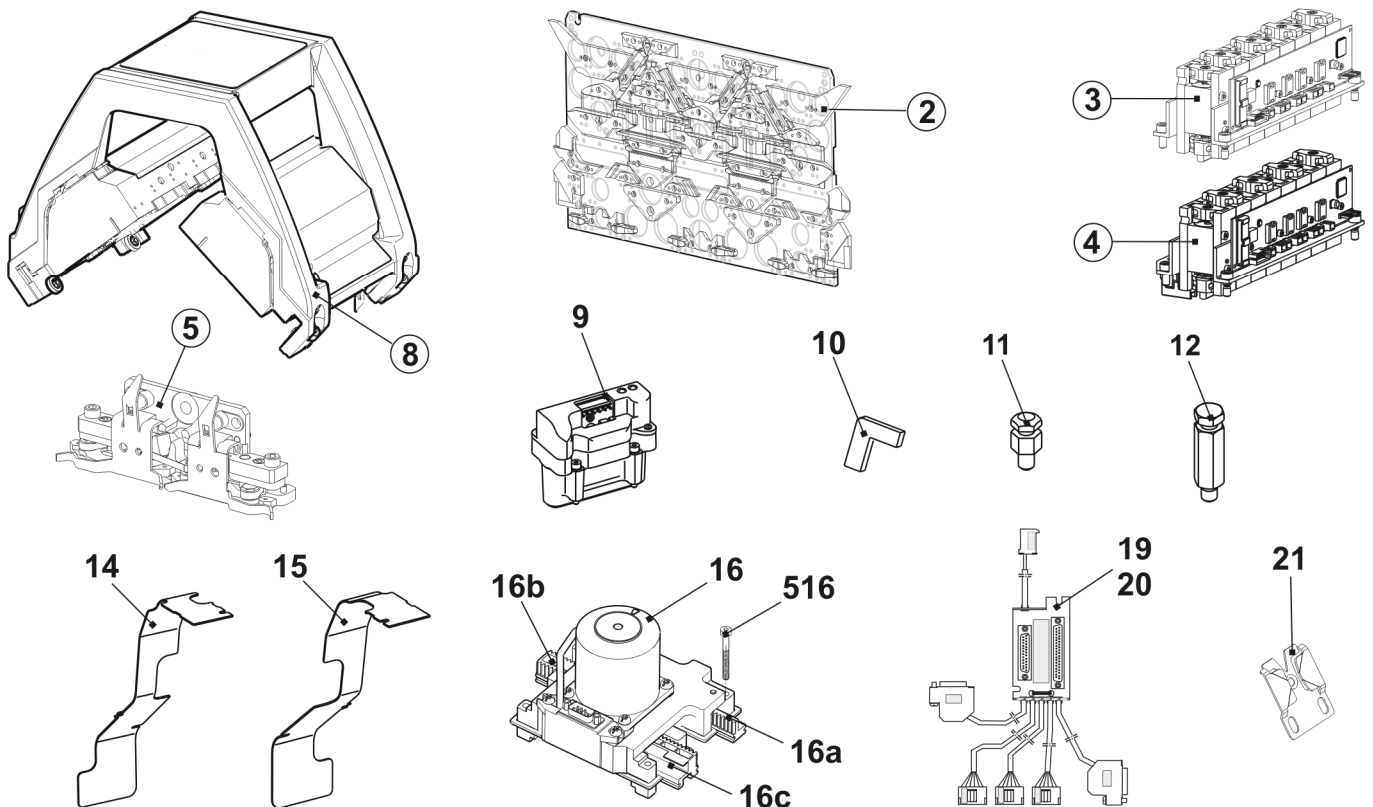


Carriage



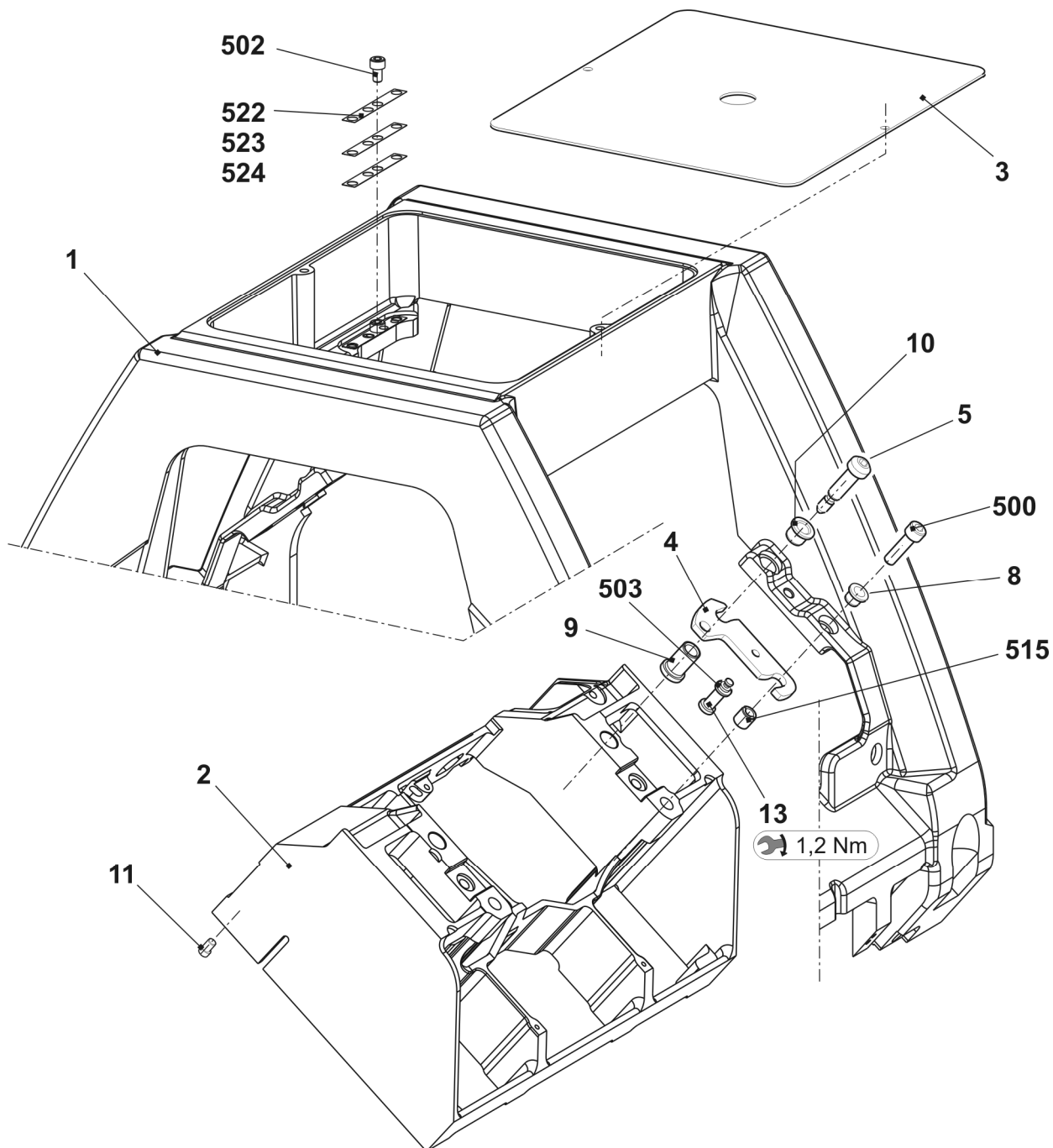
Overview of carriage

Pos	Designation	Ident No	Pos	Designation	Ident No
	Carriage complete		2	Cam (set) complete	
	E5 + E5m.4 + E7m.5 + E3,5.2	243 123		E5 + E5m.4 + E7m.5 + E3,5.2 + E5.2	243 132
	E5.2	243 130		E7 + E8 + E7m.8 + E8m.7	243 133
	E7 + E8 + E7m.8 + E8m.7	243 124		E10	243 134
	E10	243 125		E10m.12	243 136
	E10m.12	243 127		E6.2	243 129
	E6.2	243 131		E12m.10	243 137
	E12m.10	243 128		E12	243 135
	E12	243 126		E7.2	242 469
	E7.2	242 468		E14	241 488
	E14	241 413		E16 + E18	241 789
	E16 + E18	241 797	10	Wiper (felt)	241 411
3	YC driving unit outside complete	241 080	11	Bolt	212 392
4	YC driving unit in the middle complete	241 081	12	Bolt	243 171
5	Holding-down jack control complete		14	Cover plate on the left	240 734
	E5 – E8 + E7m.8 + E8m.7 + E5m.4 +	241 515	15	Cover plate on the right	240 735
	E7m.5 + E2,5.2 + E3,5.2 + E5.2		16	Motor unit complete (AT=711017)	211 017
	E10 + E10m.12	241 516	16a	Gear rack at the top	209 781
	E12 - E14 + E6.2 + E6.2(12m.10) +	241 517	16b	Gear rack in the middle	209 782
	E14/12 + E7.2		16c	Gear rack at the bottom	209 783
	E16 + E18 + E8.2 + E9.2	241 520	516	Screw M4x12	023 367
8	Carriage assembly complete	241 412	19	Distributor at the front okc	240 557
9	Selection system complete		20	Distributor at the rear okc	240 556
	E2 – E8	216 218	21	Fixed clip	241 972
	E10 - E12 + E10m.12 + E5.2 + E6.2 +	216 219			
	E6.2(12m.10)				
	E14 + E7.2	229 300			
	E16 + E18 + E8.2 + E9.2	220 114			



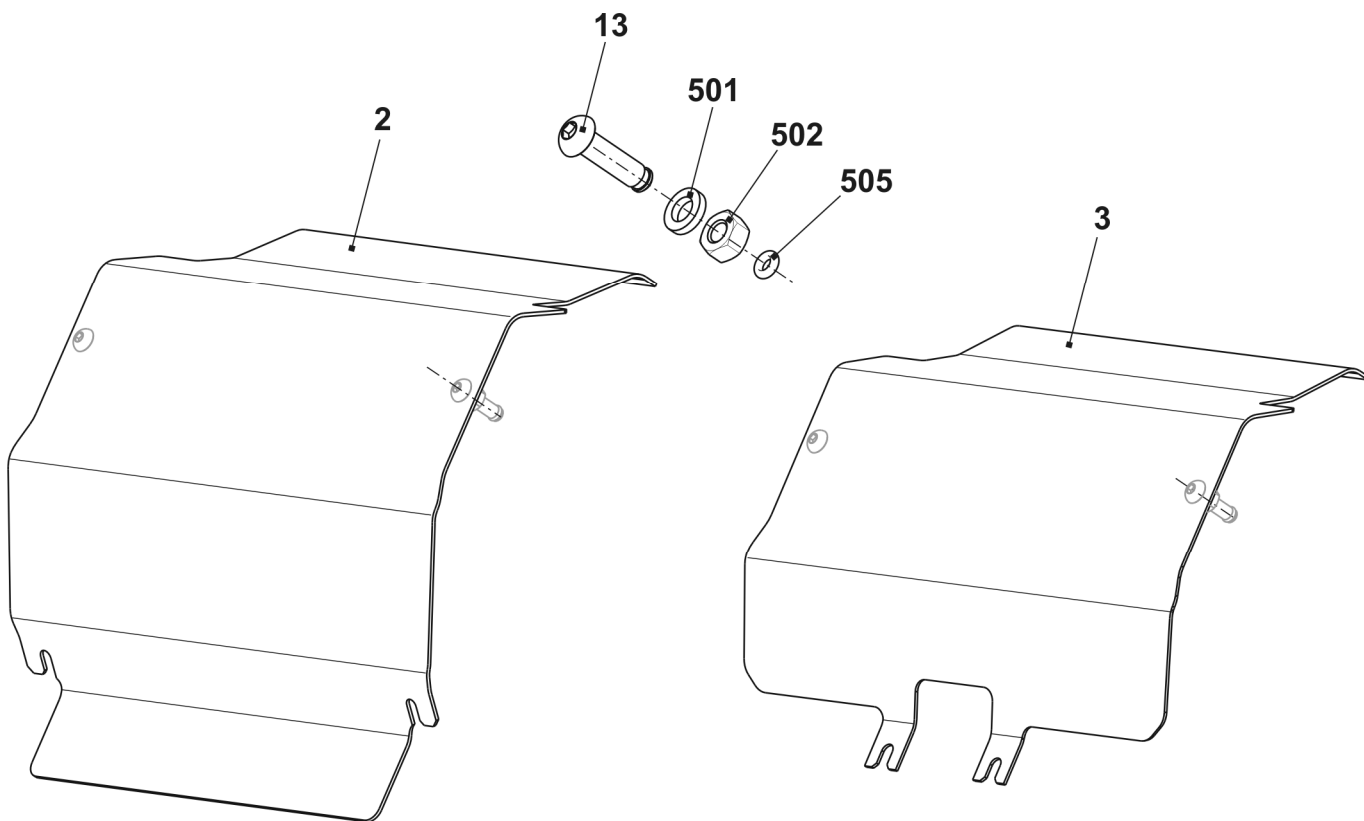
Carriage assembly

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Carriage assembly 2 cam boxes	241 412	11	Eccentric	222 983
1	Carriage frame, 2 cam boxes	240 704	13	Fixing bolt linking spot	244 179
2	Carriage part, 2 cam boxes	240 572	500	Cap screw M8X30	020 143
3	Carriage cover at the top, 2 cam boxes	241 780	502	Countersunk screw M6x10	023 183
5	Dowel screw	211 750	503	Locking ring 8x0.8	020 949
4	Shim	225 312	515	Threaded bushing	041 863
8	Bush	207 546	522	Shim 0.2x10x70	023 699
9	Bush	209 275	523	Shim 0.1x10x70	023 698
10	Bush	209 274	524	Shim 0.05x10x70	023 697



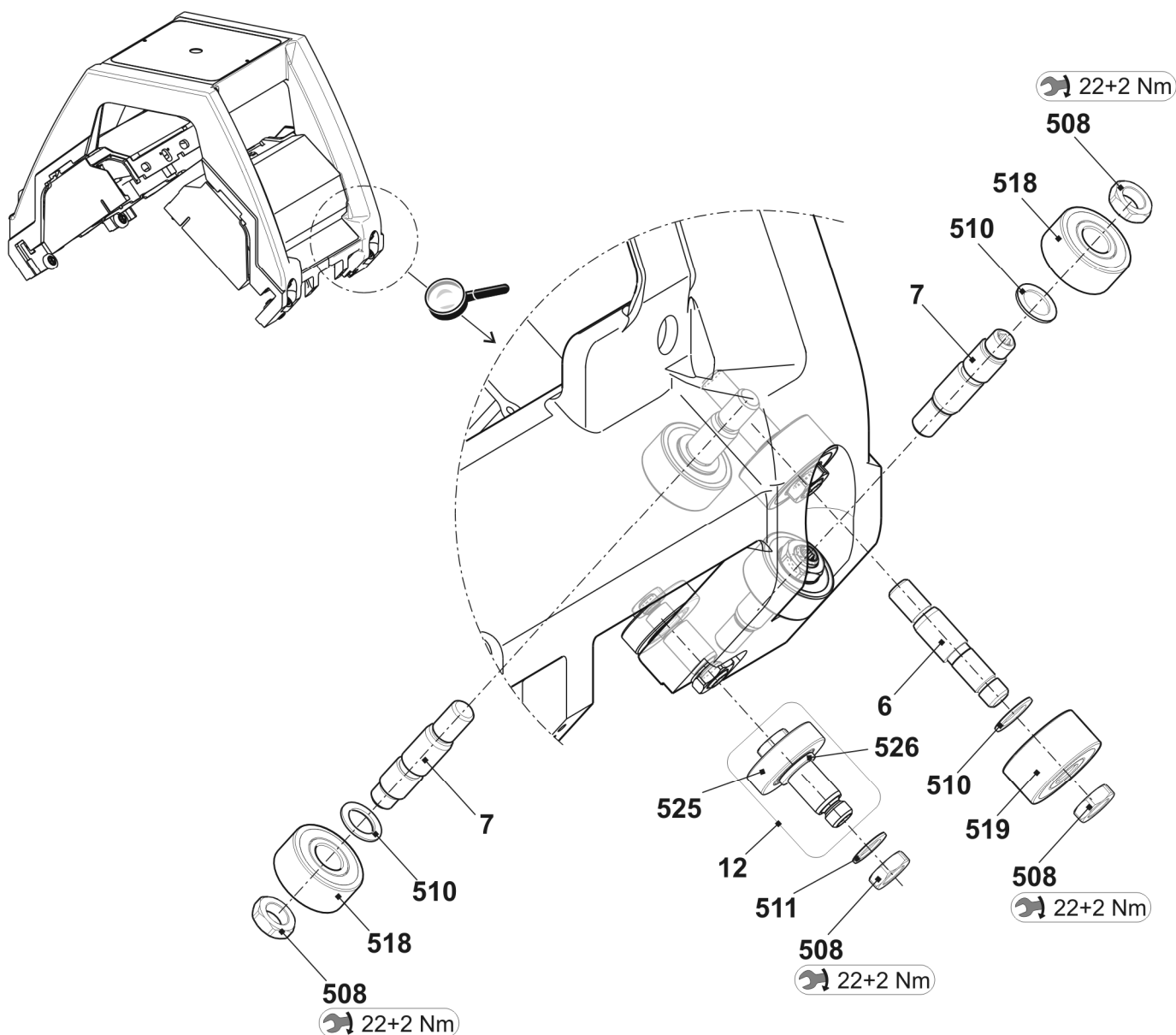
Carriage cover

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Carriage cover front 2 cam boxes	241 775	501	Serrated lock washer 6,4	022 385
3	Carriage cover rear 2 cam boxes	241 776	502	Hexagon nut M6	022 899
13	Fixing bolt	242 382	505	O-ring	242 420



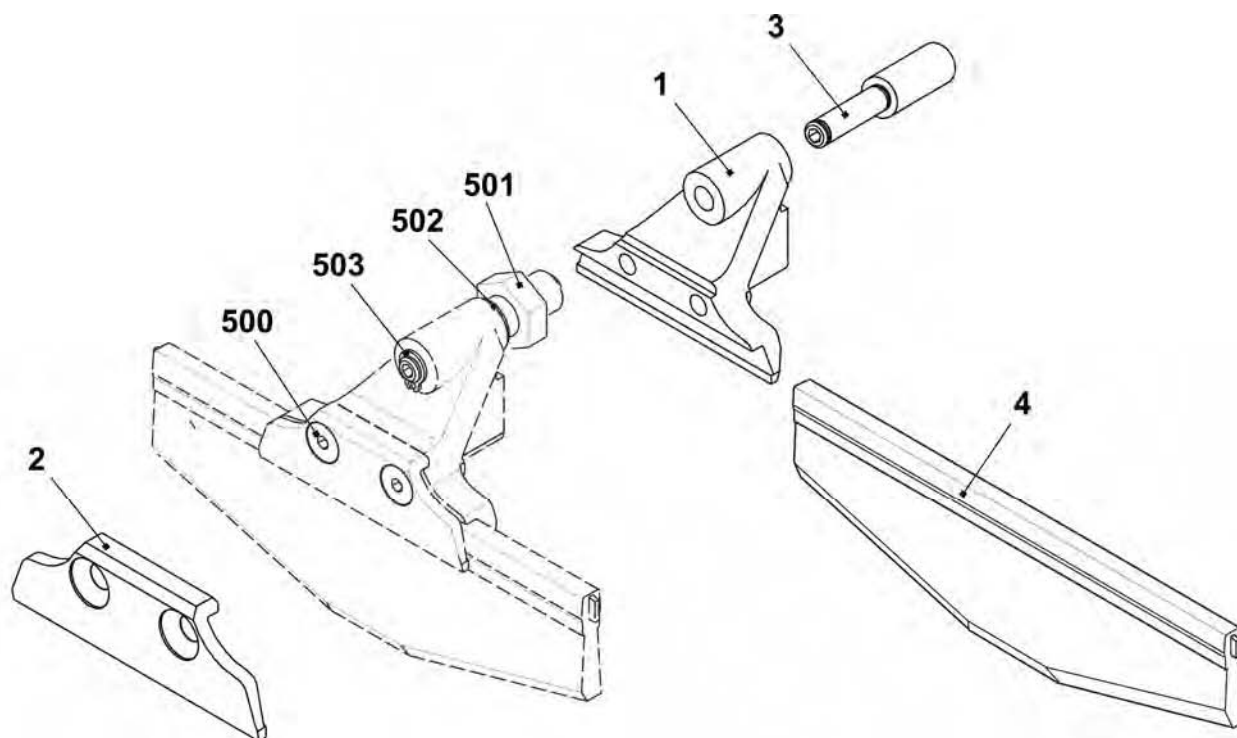
Carriage guide

Pos	Designation	Ident No	Pos	Designation	Ident No
6	Bearing bolt eccentric 0.5	242 060	508	Nut M10	023 316
7	Bearing bolt eccentric 0.5	240 624	510	Adjusting washer 12x18x1	023 315
12	Bolt complete with bearing	244 283	511	Adjusting washer 10x16x1	023 260
525	Roller 10X32X9	242 071	518	Ball bearing 62201-2RS	241 408
526	Adjusting washer 10x16x2	023 600	519	Ball bearing 62300-2RS1	242 070



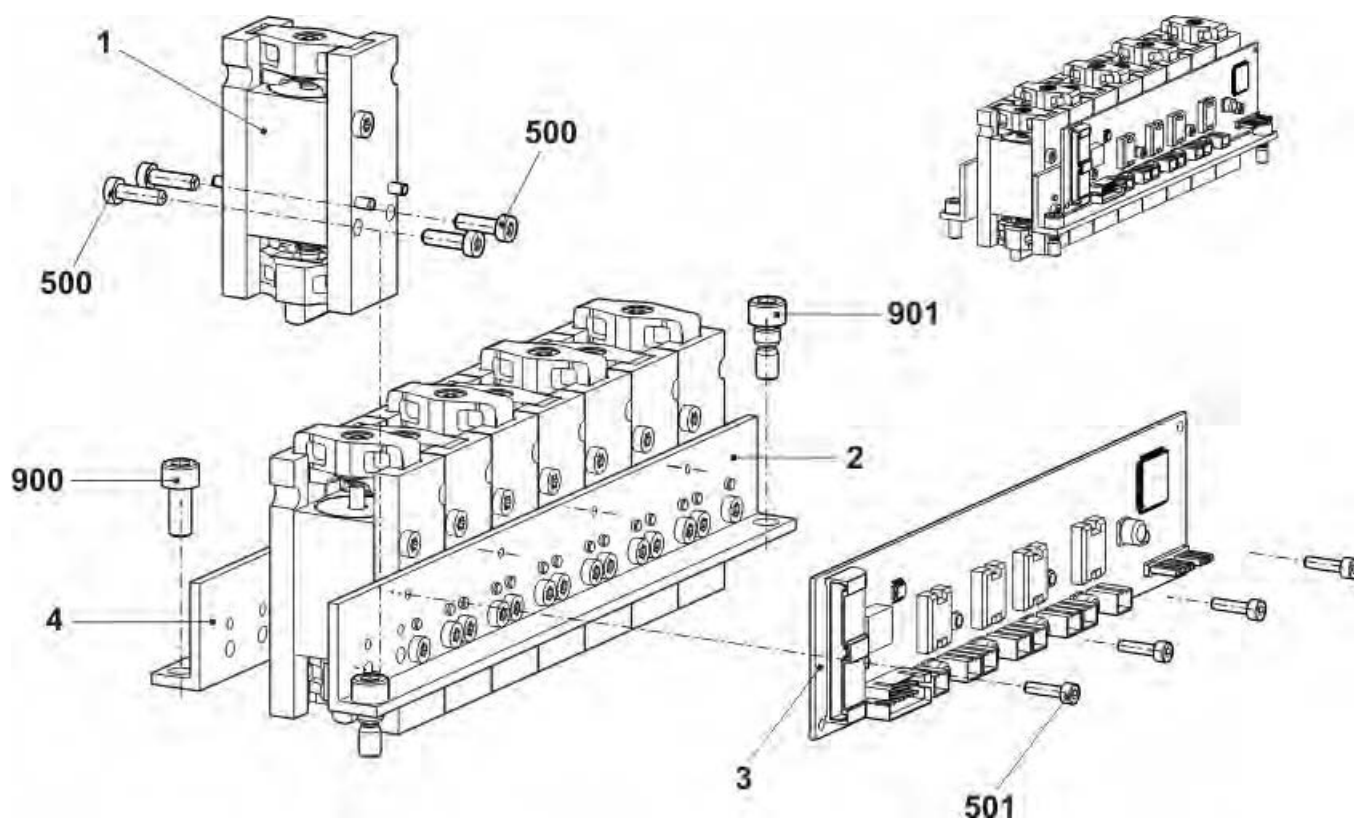
Brush holder

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Brush holder complete		4	Brush	
	E5 - E8 + E2,5.2 + E3,5.2 + E5.2	213 710		E5 - E8 + E2,5.2 + E3,5.2 + E5.2	203 254
	E5m.4 + E7m.5 + E7m.8 + E8m.7			E5m.4 + E7m.5 + E7m.8 + E8m.7	
	E10 - E14 + E14/12+ E6.2 - E7.2	213 711		E10 - E14 + E14/12+ E6.2 - E7.2	212 854
	E10m.12 + E12m.10 + E6.2 (E12M.10)			E10m.12 + E12m.10 + E6.2 (E12M.10)	
	E16 + E18 + E8.2 + E9.2	223 185		E16 + E18 + E8.2 + E9.2	224 822
1	Brush holder	213 009	500	Countersunk head screw M4x12	023 062
2	Brush clamp	213 010	501	Hexagon nut M8x5	023 750
3	Threaded rod	209 740	502	Adjusting washer 5x10x0.5	023 348
			503	Locking ring 5x0.6	023 347



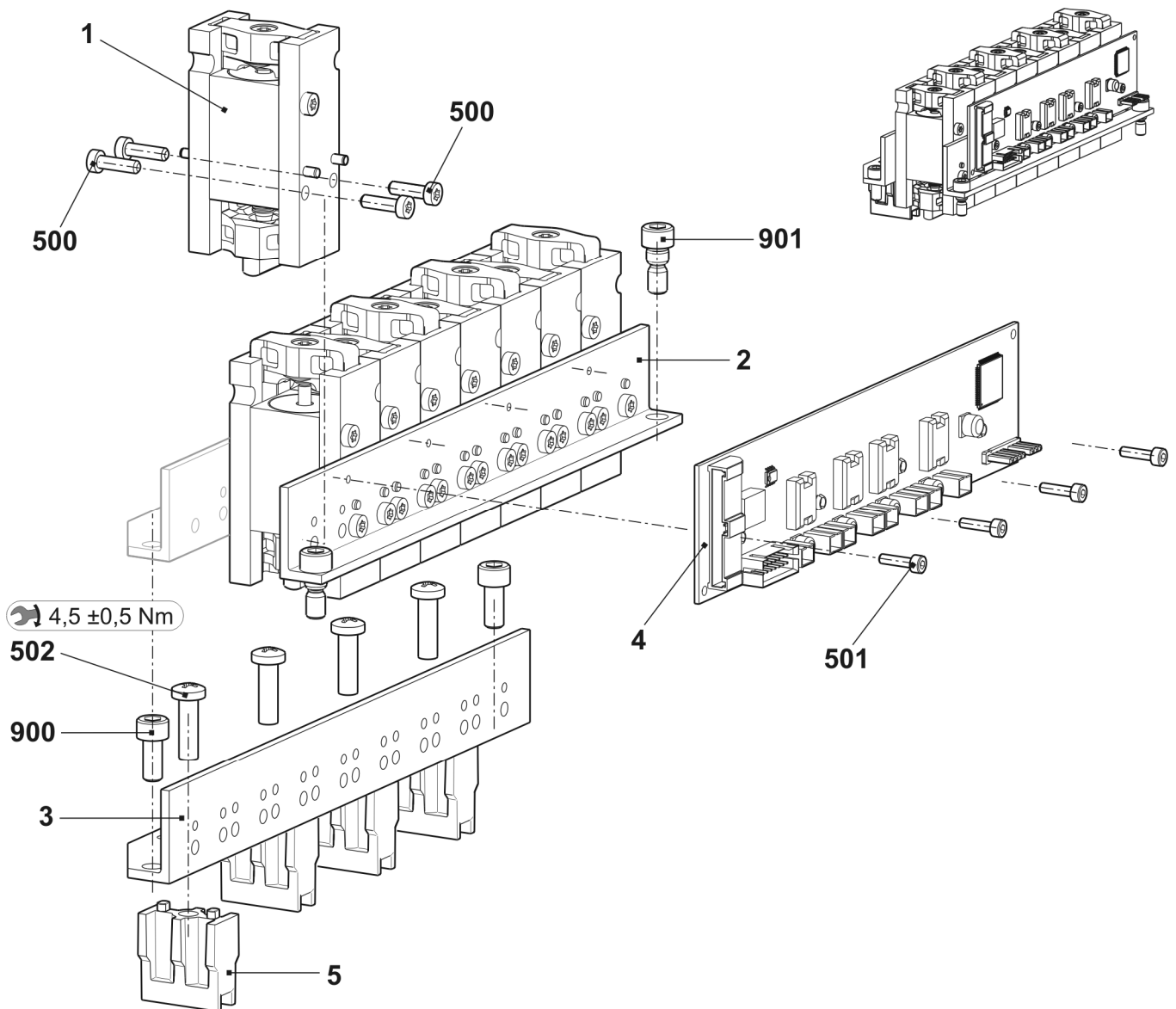
Yarn carrier driving unit without guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit outside complete	241 080	500	Cap screw M4x40-I-Torx	242 279
1	Yarn carrier drive box complete	242 214	501	Cap screw M3x12-12.9	022 648
2	Support angle for jack	241 038	900	Cap screw M6X14	022 658
3	Card yarn carrier amplifier OKC	300 960	901	Alignment bolt	231 899
4	Support angle for YC driving unit	242 903			



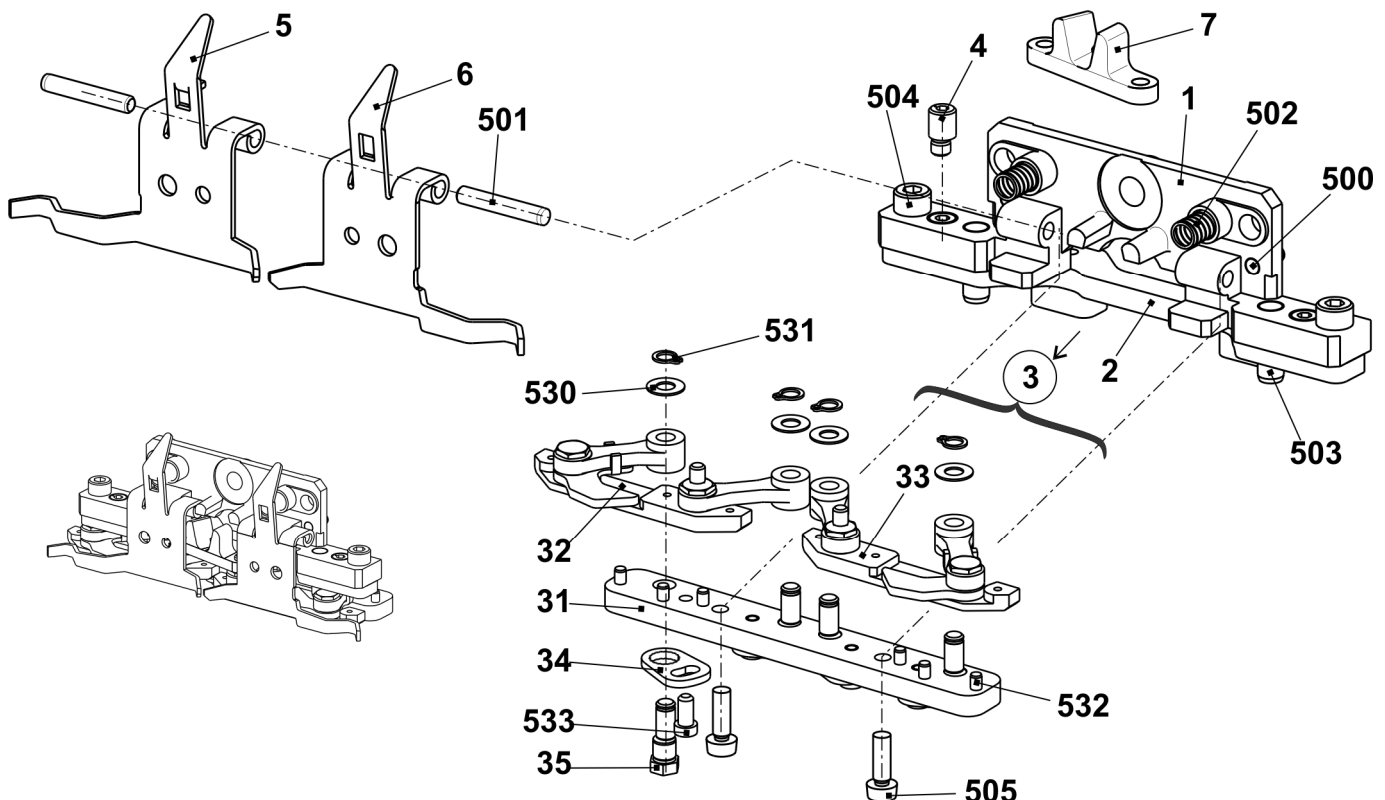
Yarn carrier driving unit with guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit complete in the middle	241 081	500	Cap screw M4x40-I-Torx	242 279
1	Yarn carrier drive box complete	242 214	501	Cap screw M3x12-12.9	022 648
2	Support angle for jack	241 038	502	Screw KB60X20	243 625
3	Support angle for YC driving unit	242 903	900	Cap screw M6X14	022 658
4	Card yarn carrier amplifier OKC	300 960	901	Alignment bolt	231 899
5	Guiding part	239 972			



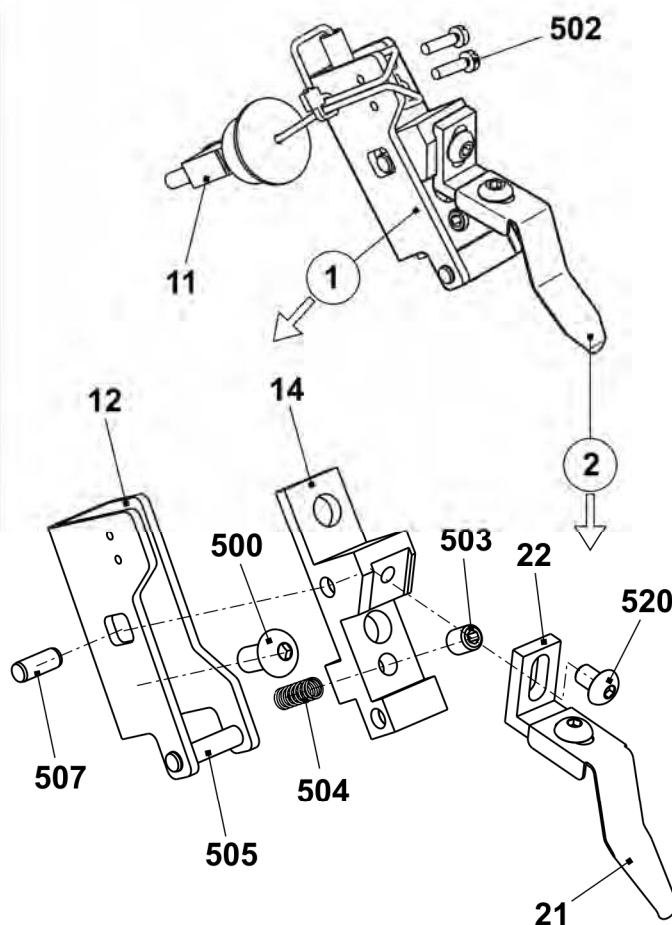
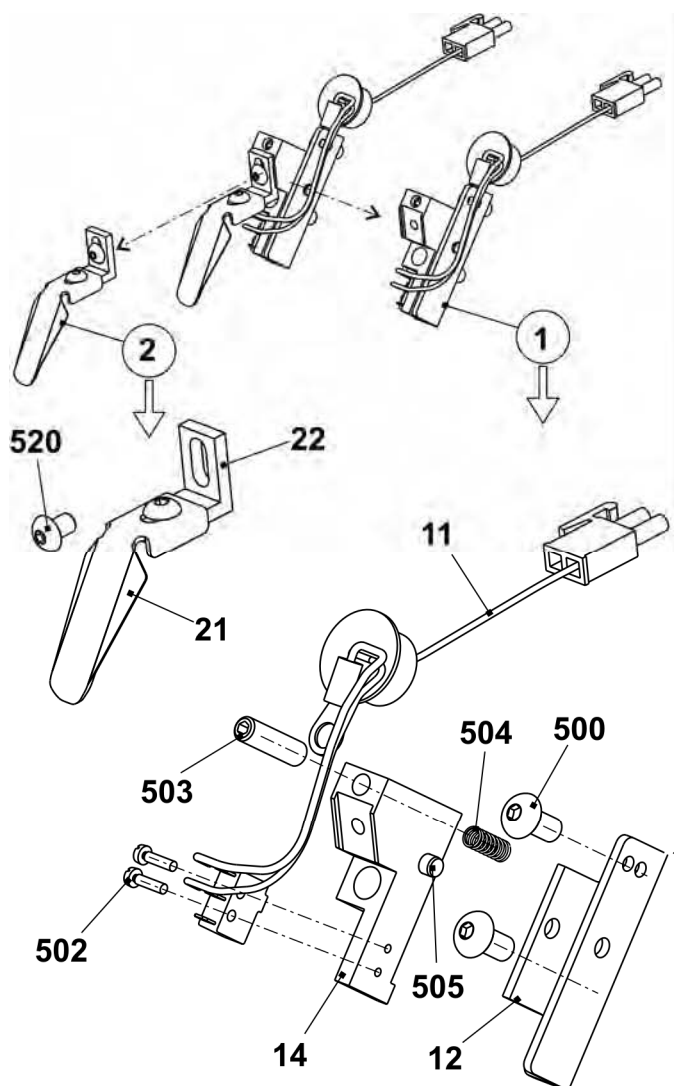
Holding-down jack control

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Holding-down jack control complete		3	Continuation of holding-down jack cam plate	
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 515	34	Adjustment plate	211 507
	E10 + E10m.12	241 516	35	Bolt	209 722
	E12 - E14	241 517	530	Adjusting washer 5x10x0.5	023 348
	+E6.2+E6.2(12m.10)+E14+12+E7.2		531	Locking ring 5x0.6	023 347
	E16 - E18 + E8.2 + E9.2	241 520	532	Setting pin 3x10	020 645
1	Mounting plate	241 281	533	Countersunk screw M4x8	023 579
2	Connection plate	241 326	4	Eccentric	241 362
3	Jack cam plate complete		5	Set-out plate on the right	212 382
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 521	6	Set-out plate on the left	212 396
	E10 + E10m.12	241 522	7	Drive box	210 559
	E12 - E14+ E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	241 523	500	Setting pin 4x10	020 657
	E16 - E18 + E8.2 + E9.2	241 526	501	Setting pin 4x24	020 664
31	Holding-down cam plate	241 349	502	Compression spring 0.68x5.10x19.00	238 702
32	Slider on the right complete E?		503	Dowel pin 6x18	020 678
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	212 610	504	Cap screw M5x12	020 132
	E10 + E10m.12	212 943	505	Cap screw M4x12-5.8	241 859
	E12 - E14+ E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	213 055			
	E16 - E18 + E8.2 + E9.2	239 825			
33	Slider on the left complete				
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	212 611			
	E10 + E10m.12	213 053			
	E12 - E14+ E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	213 056			
	E16 - E18 + E8.2 + E9.2	239 824			



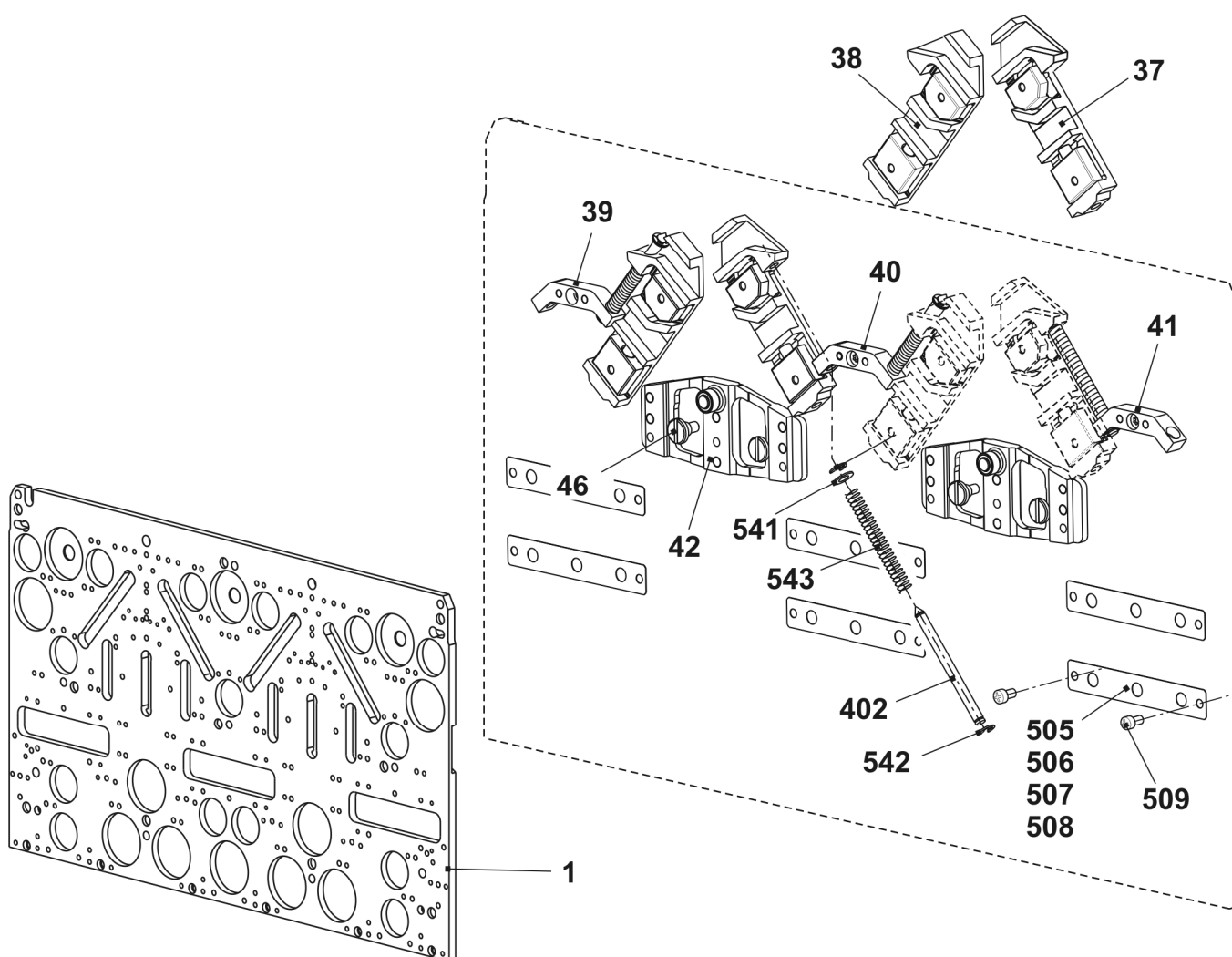
Needle detector

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle detector E5 - E14 E2,5.2 - E6.2 + E6.2(12m.10) E5m.4 + E7m.5 + E7m.8 + E8m.7 + E10m.12 + E14/12	221 238	Σ	Needle detector E16 + E18 E8.2 + E9.2	239 321
1	Needle detector pre-assembled	221 773	1	Needle detector pre-assembled E16-18	238 929
500	Countersunk screw M4x6	023 427	500	Countersunk screw M4x6	023 427
11	Needle detector complete	221 207	11	Cable for needle detector complete E16 - E18	239 319
12	Retainer	220 464	12	Retainer E16-20	238 824
14	Switch rocker	220 637	14	Switch rocker E16-20	238 823
500	Countersunk screw M5x10	023 247	500	Countersunk screw M5x10	023 247
502	Cap screw M2x8	022 954	502	Cap screw M2x8	022 954
503	Set screw M6x20-45	023 526	503	Set screw M5x8-45H	022 809
504	Compression spring 4.3x0.45x10	021 398	504	Compression spring 4.3x0.45x10	021 398
505	Dowel pin 4x18	023 525	505	Dowel pin	239 316
			507	Dowel pin	023 753
2	Sensor pre-assembled	221 758	2	Sensor pre-assembled E16-18	239 324
21	Sensor	220 839	21	Sensor E16-20	238 658
22	Angle	221 175	22	Angle	221 175
520	Countersunk screw M4x6	023 427	520	Countersunk screw M4x6	023 427



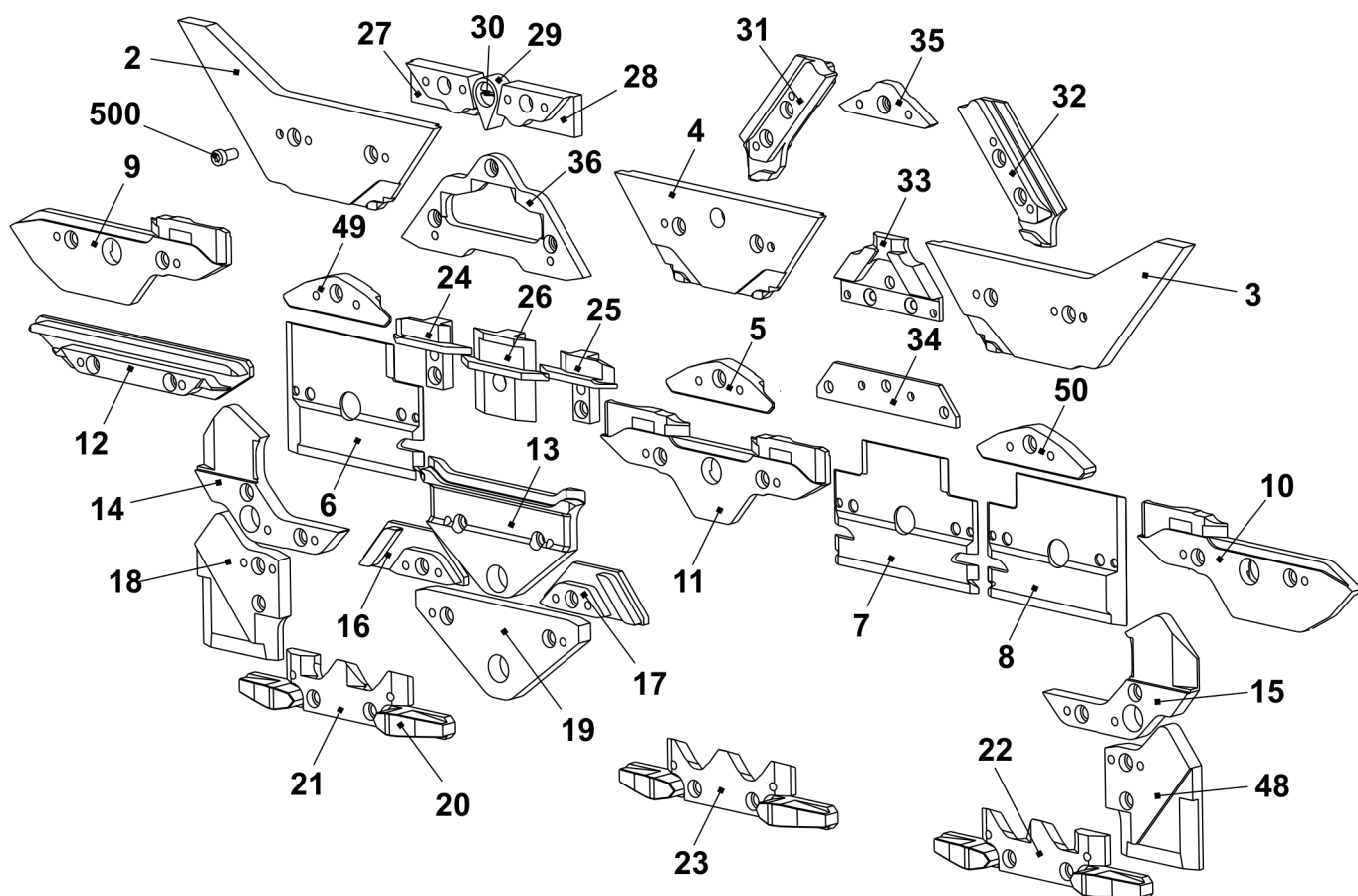
Cam box E5 + E5m.4 + E7m.5 + E3,5.2 + E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E5	243 132	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5 - E10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5 - E10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Shoulder screw	239 626
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



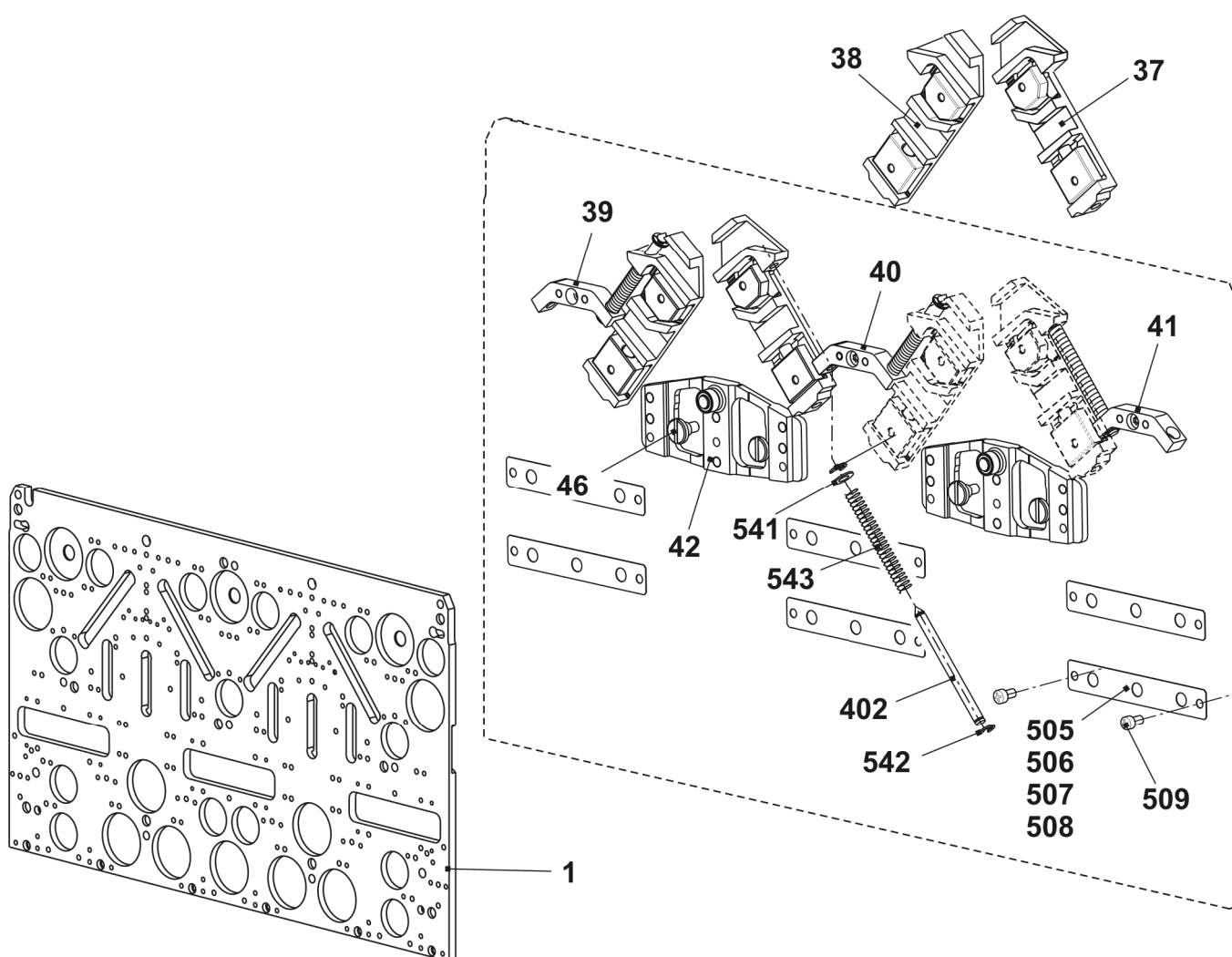
Cams E5

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	22	Selector cam on the right	212 947
3	Entry cam on the right	213 303	23	Selector cam	212 946
4	Entry cam at the top	210 285	24	Pressure cam take-over left	239 848
5	Entry cam in the middle bottom E2,5.2 + E3,5.2	235 719	25	Pressure cam take-over right	239 849
6	Plate on the left	230 988	26	Tuck pressure cam	239 621
7	Plate in the middle	231 035	27	Limit cam on the left E5	210 289
8	Plate on the right	231 036	28	Limit cam on the right E5	210 290
9	Cam on the left	231 039	29	Pointer E2,5.2 + E3,5.2	229 505
10	Cam on the right	231 041	30	Screw	210 335
11	Cam in the middle	231 040	31	Stitch cam on the left E2,5.2 + E3,5.2	235 712
12	Cam	227 923	32	Stitch cam on the right E2,5.2 + E3,5.2	235 713
13	Cam	210 254	33	Tuck limit cam E5	214 051
14	Cam on the left E5-14	212 265	34	Raising cam plate E4-12	204 372
15	Cam on the right E5-14	212 266	35	Receiving cam E5	210 386
16	Cam on the left	236 192	36	Raising cam part without split E5	213 302
17	Cam on the right	236 193		Knitting raising cam with split E5	213 294
18	Cam on the left E5-14	212 274		Accessories	
19	Cam	210 252	48	Cam on the right E5-14	212 275
20	Offering cam	210 185	49	Entry cam on the left bottom E5-8	235 718
21	Selector cam on the left	212 944	50	Entry cam on the right at the bottom E5-8	235 720
			500	Cap screw M4x8	020 091



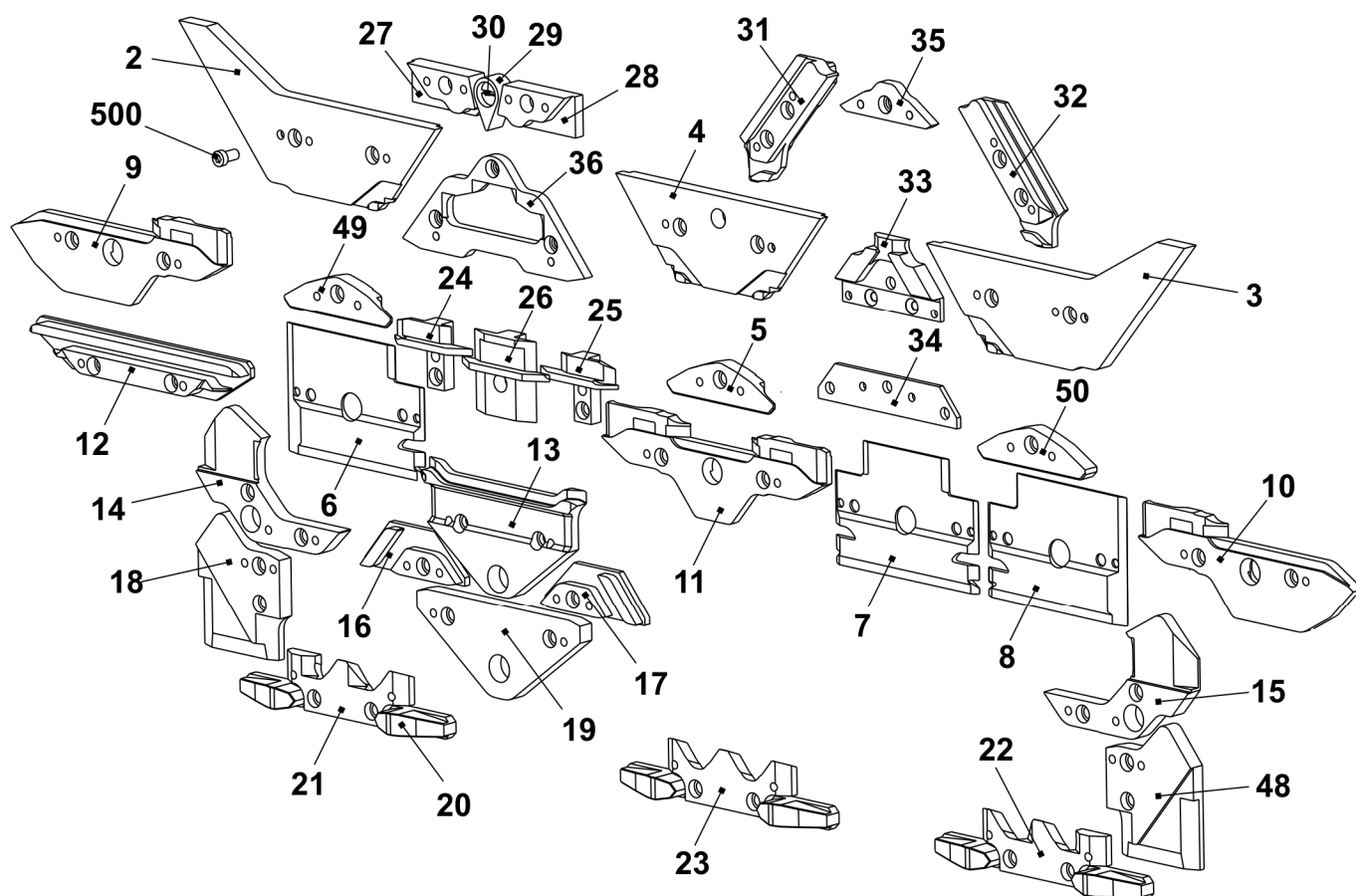
Cam box E7 – E8 + E7m.8 + E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E7-8	243 133	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



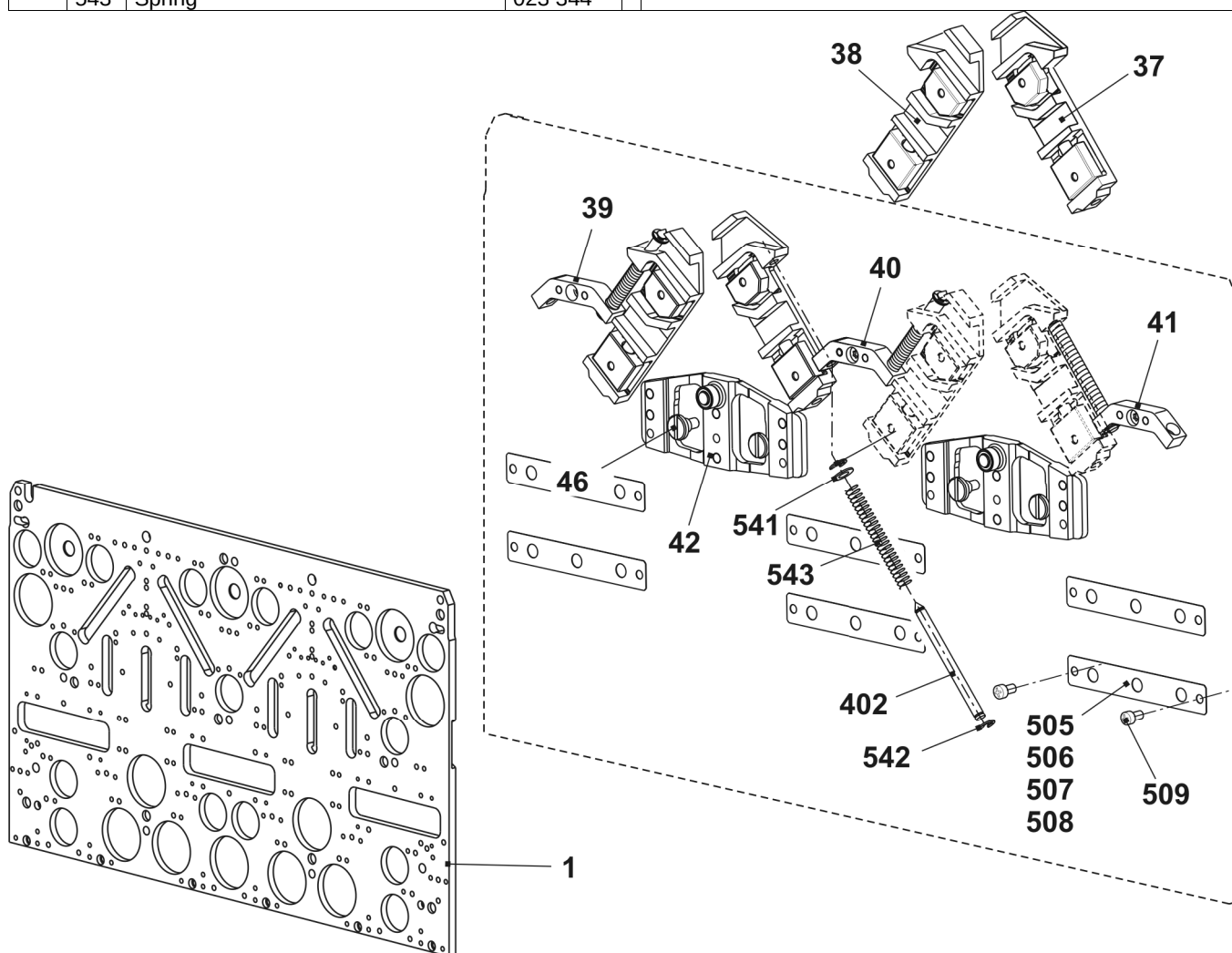
Cams E7 – E8

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	23	Selector cam	212 946
3	Entry cam on the right	213 303	24	Pressure cam take-over left	239 848
4	Entry cam at the top	210 285	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E5-8	212 395	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam on the left E7-8	210 291
7	Plate in the middle	231 035	28	Limit cam on the right E7-8	210 292
8	Plate on the right	231 036	29	Pointer E5-8	210 336
9	Cam on the left	231 039	30	Screw	210 335
10	Cam on the right	231 041	31	Stitch cam on the left E7-8	210 324
11	Cam in the middle	231 040	32	Stitch cam on the right E7-8	210 323
12	Cam	227 923	33	Tuck limit cam E7-8	214 052
13	Cam	210 254	34	Raising cam plate E4-12	204 372
14	Cam on the left E5-14	212 265	35	Receiving cam E7-8	210 339
15	Cam on the right E5-14	212 266	36	Raising cam part without split E7-8	213 297
16	Cam on the left	236 192		Raising cam part for split E7-8	213 301
17	Cam on the right	236 193		Accessory	
18	Cam on the left E5-14	212 274	48	Cam on the right E5-14	212 275
19	Cam	210 252	49	Entry cam on the left E5-8	213 161
20	Offering cam	210 185	50	Entry cam on the right E5-8	213 162
21	Selector cam on the left	212 944	500	Cap screw M4x8	020 091
22	Selector cam on the right	212 947			



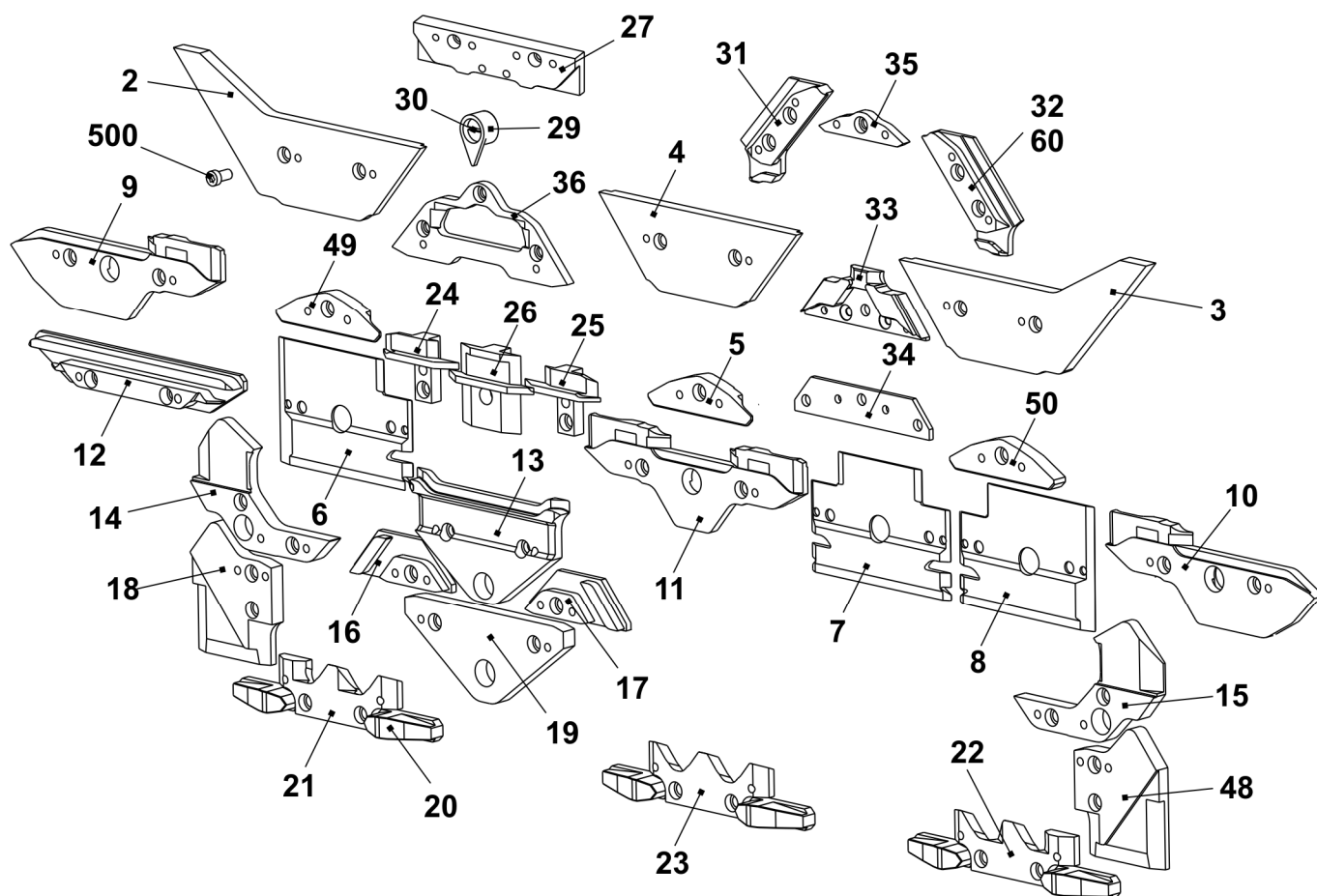
Cam box E10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E10	243 134	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



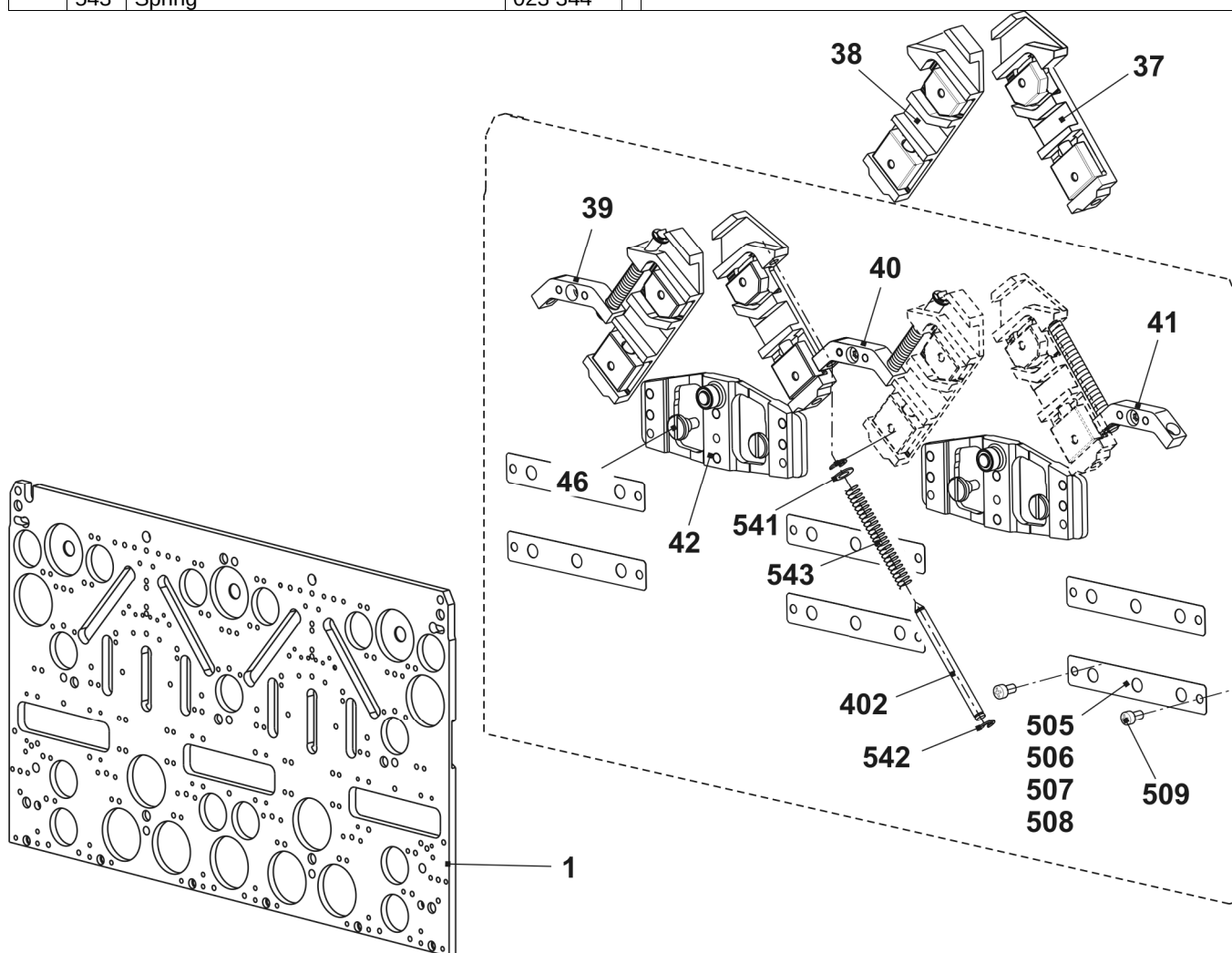
Cams E10

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2 (at the front)	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	237 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



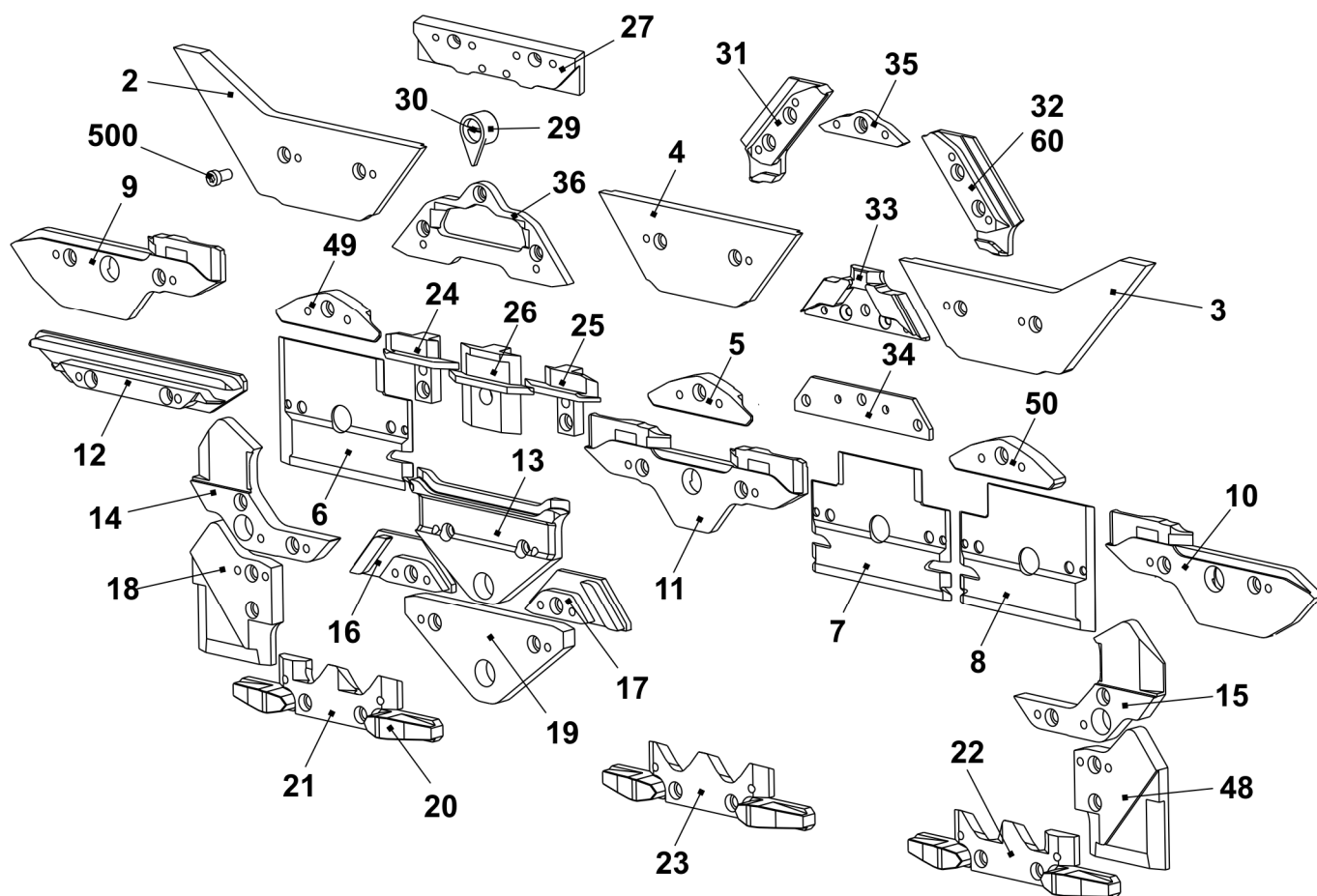
Cam box E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E10m.12	243 136	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



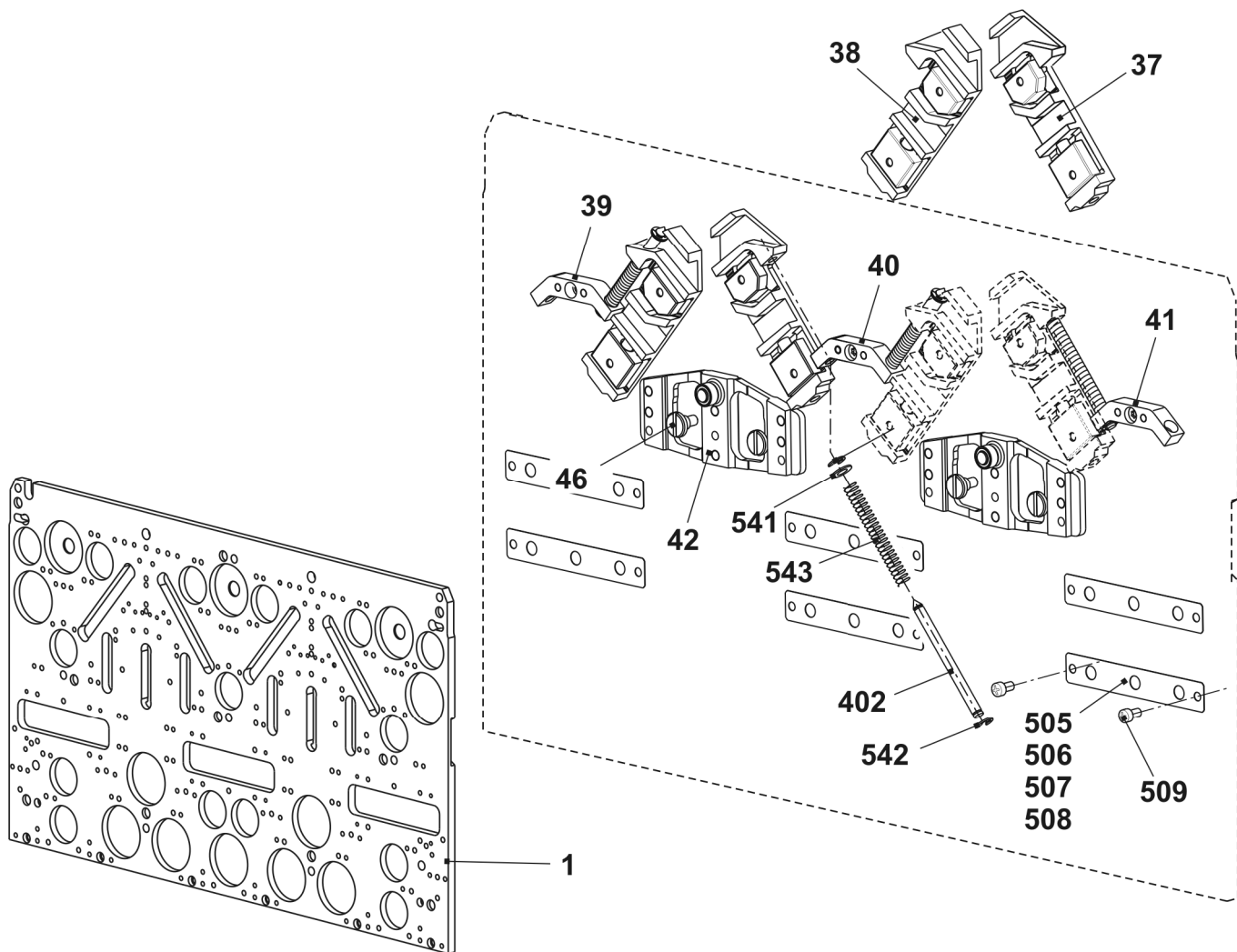
Cams E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E12	236 403
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



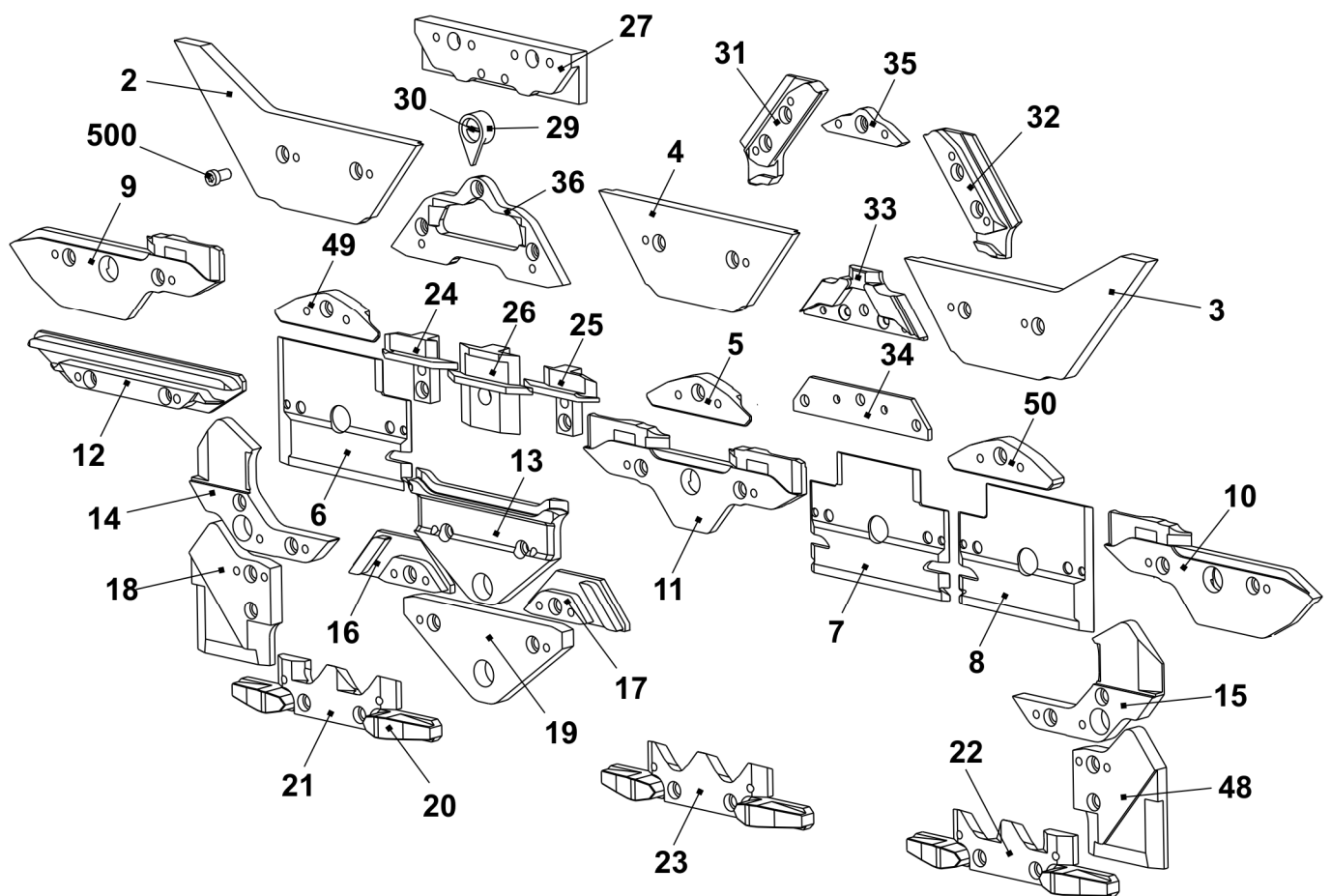
Cam box E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E6.2	243 129	42	Contact piece	240 281
1	Cam plate	241 330	46	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



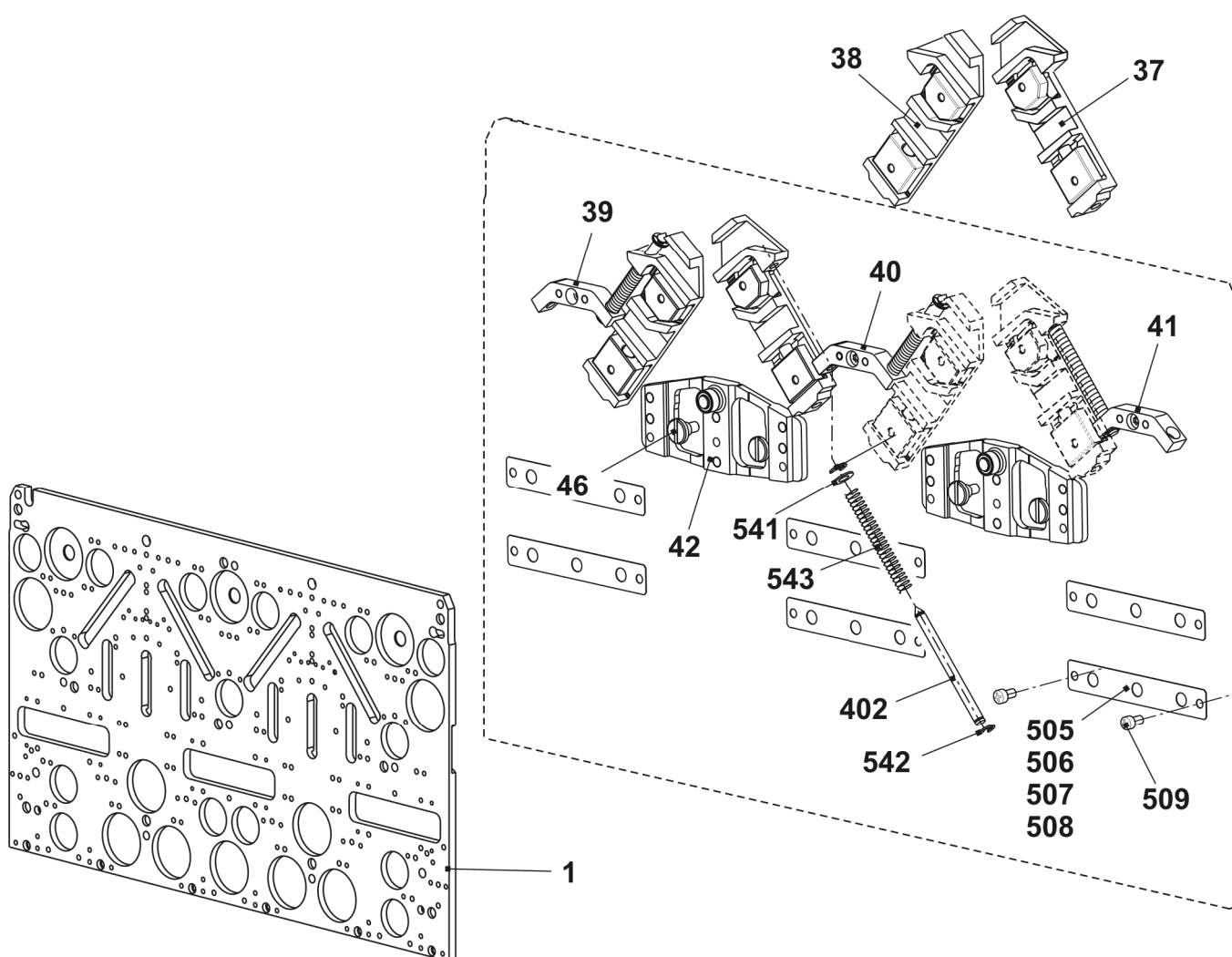
Cams E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E6.2	218 306
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E6.2	236 392
10	Cam on the right	231 041	32	Stitch cam on the right E6.2	236 393
11	Cam in the middle	231 040	33	Tuck limit cam E6.2	236 429
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E6.2	236 943
14	Cam on the left E5 - E14	212 265	36	Raising cam part without split E6.2	236 766
15	Cam on the right E5 - E14	212 266		Raising cam part for split E6.2	237 948
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5 - E14	212 274	49	Entry cam on the left -1.5 E10 - E14	216 329
19	Cam	210 252	50	Entry cam on the right -1.5 E10 - E14	216 330
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



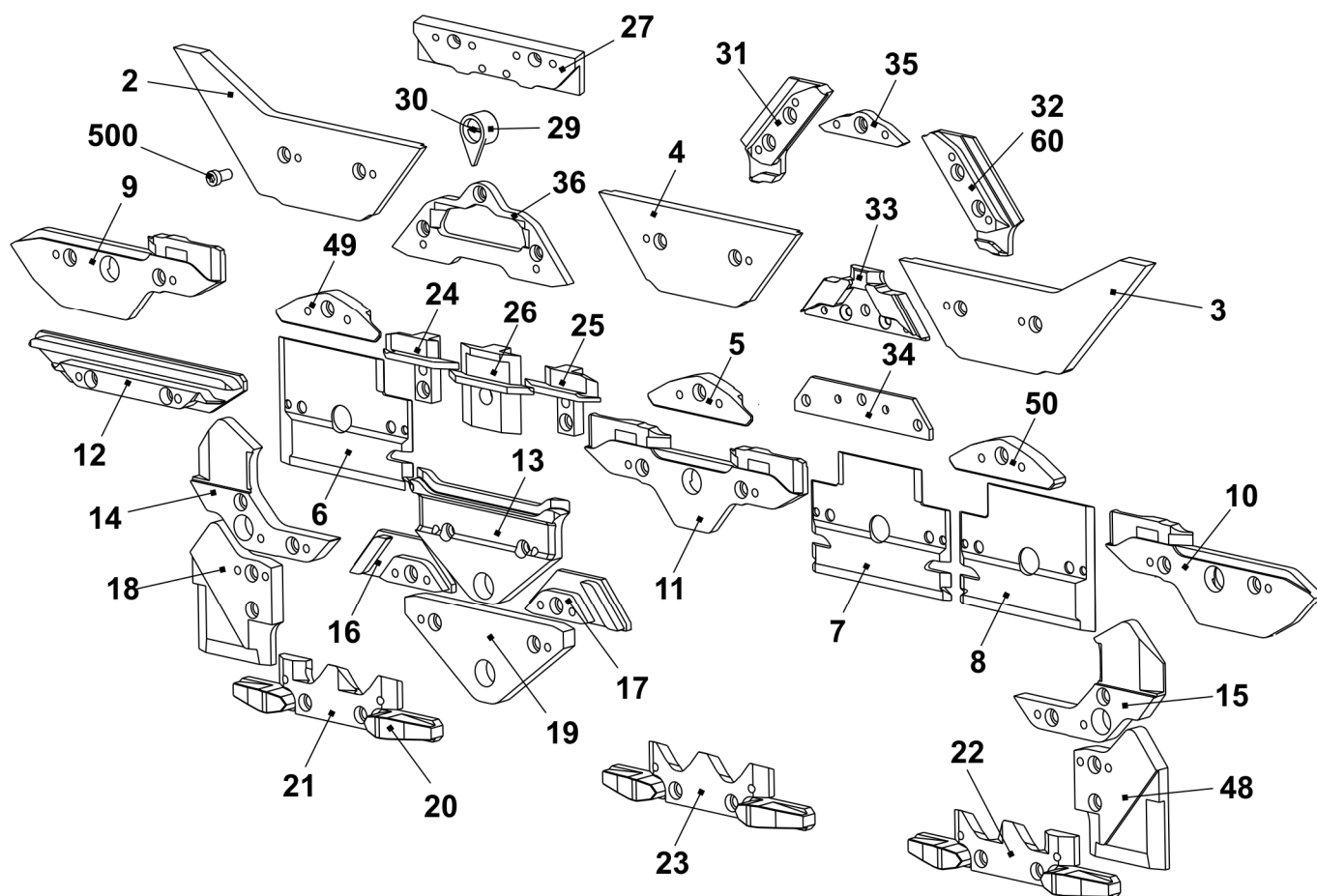
Cam box E12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E12	243 135	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



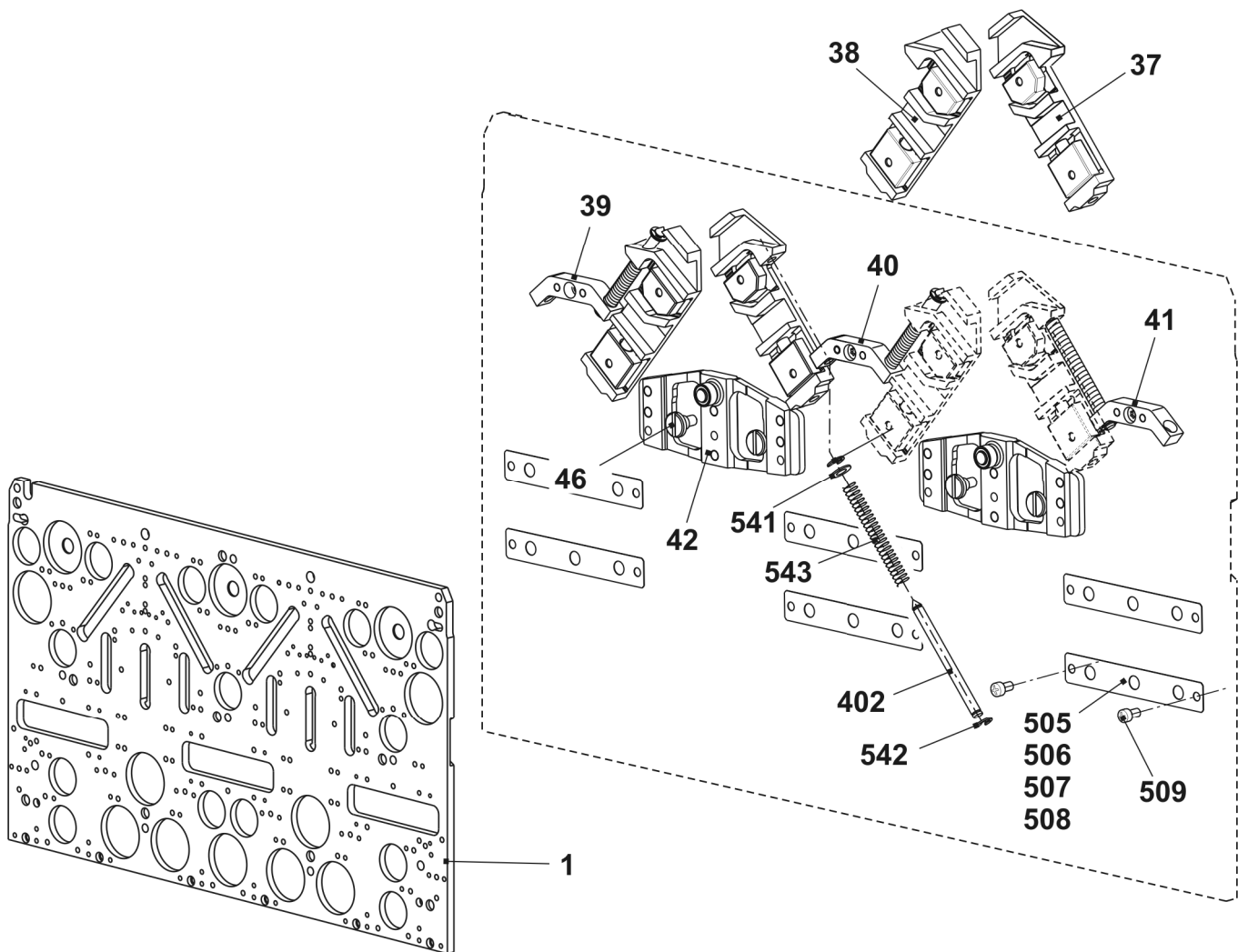
Cams E12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E12	236 403
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



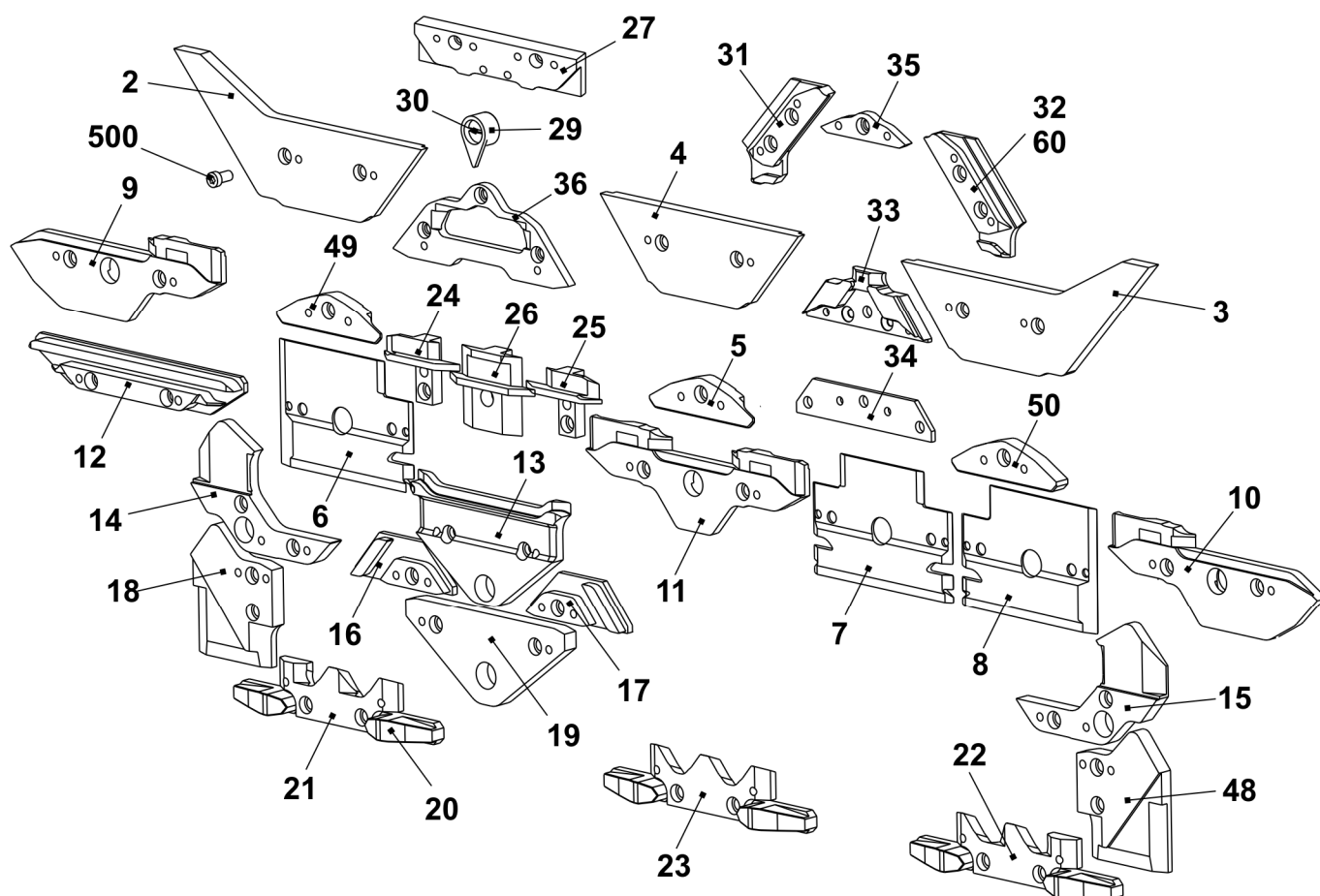
Cam box E12m.10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E12m.10	243 137	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts of the cam box at the bottom Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



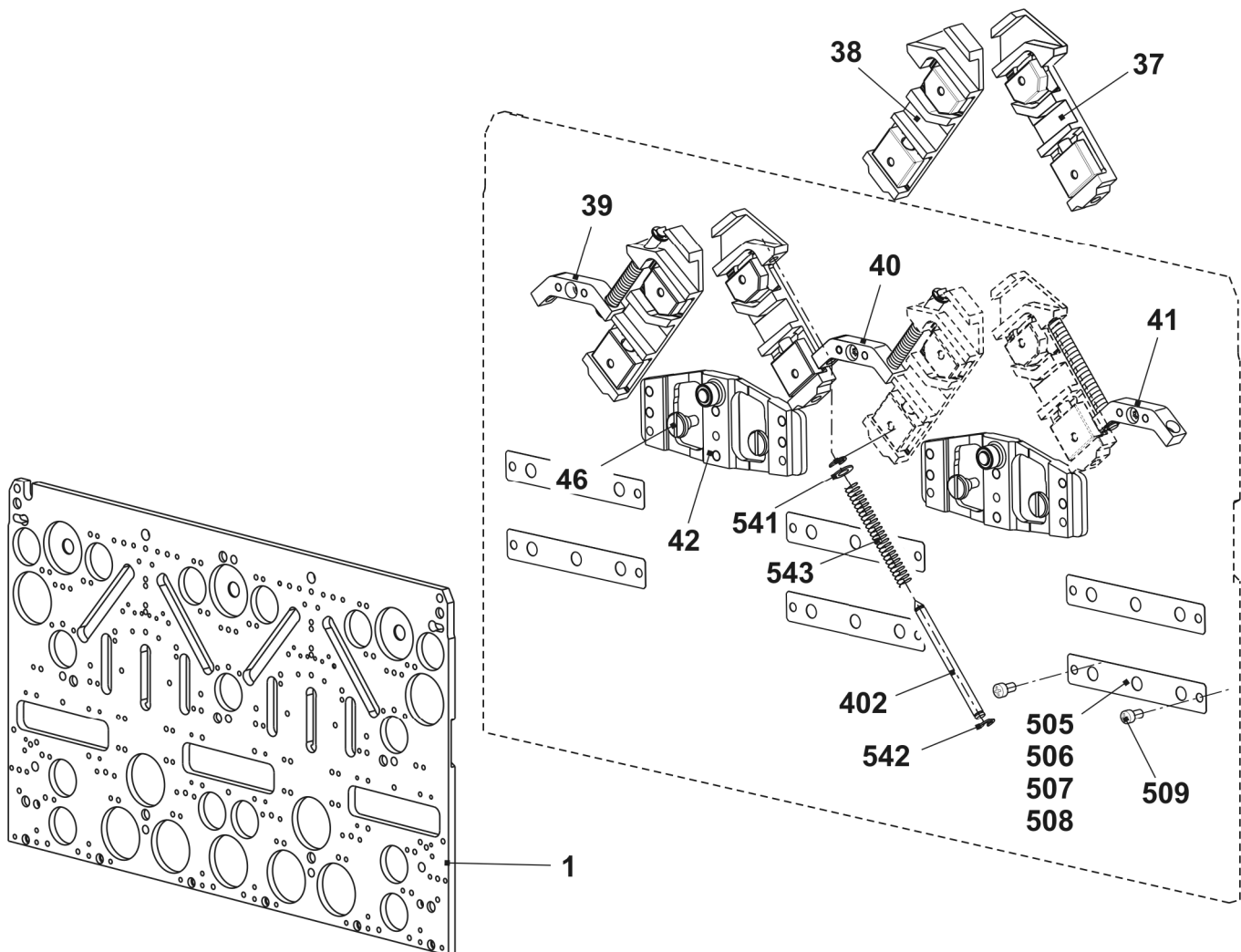
Cam parts E12m.10

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	237 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



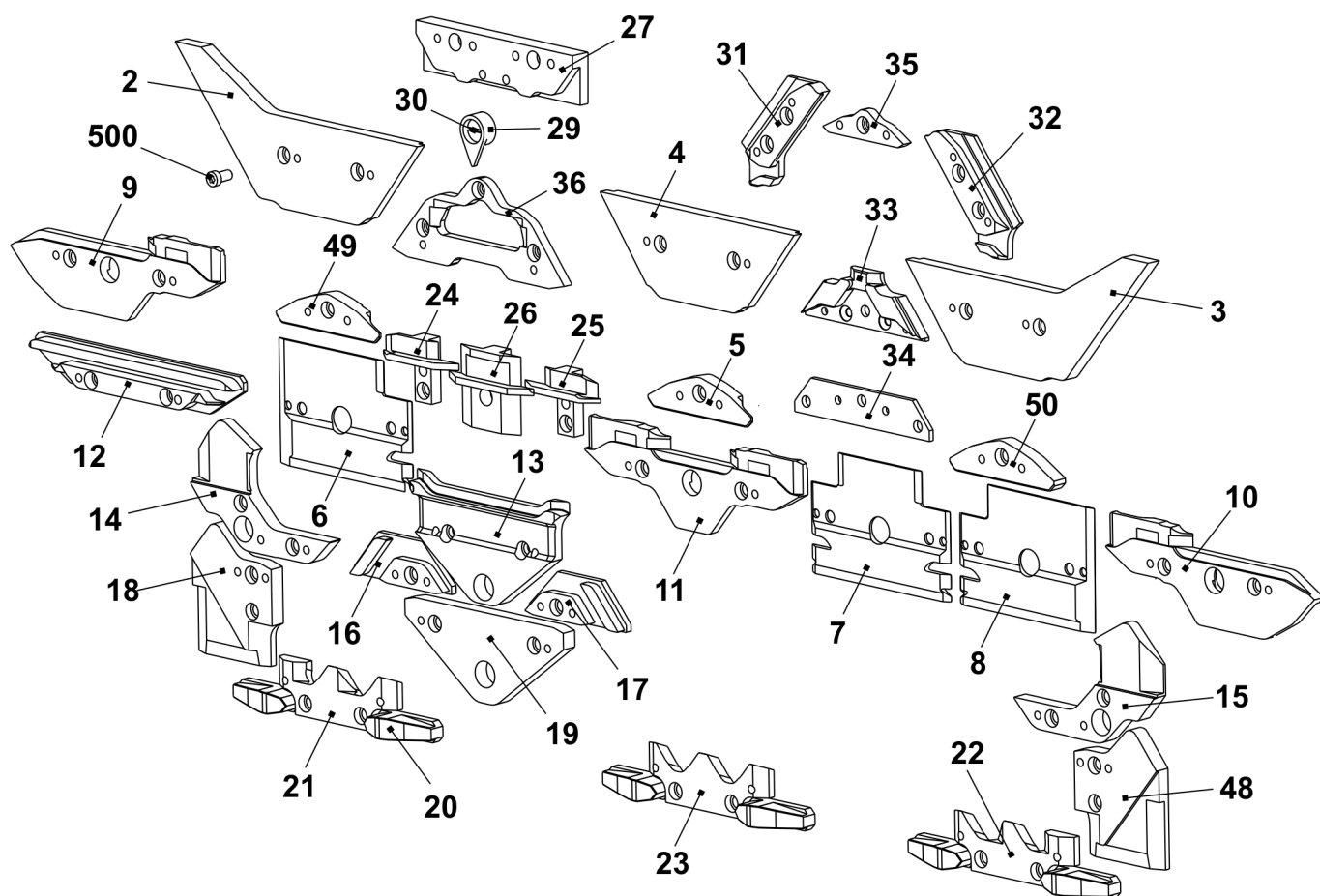
Cam box E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E7.2	242 469	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
	402 Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



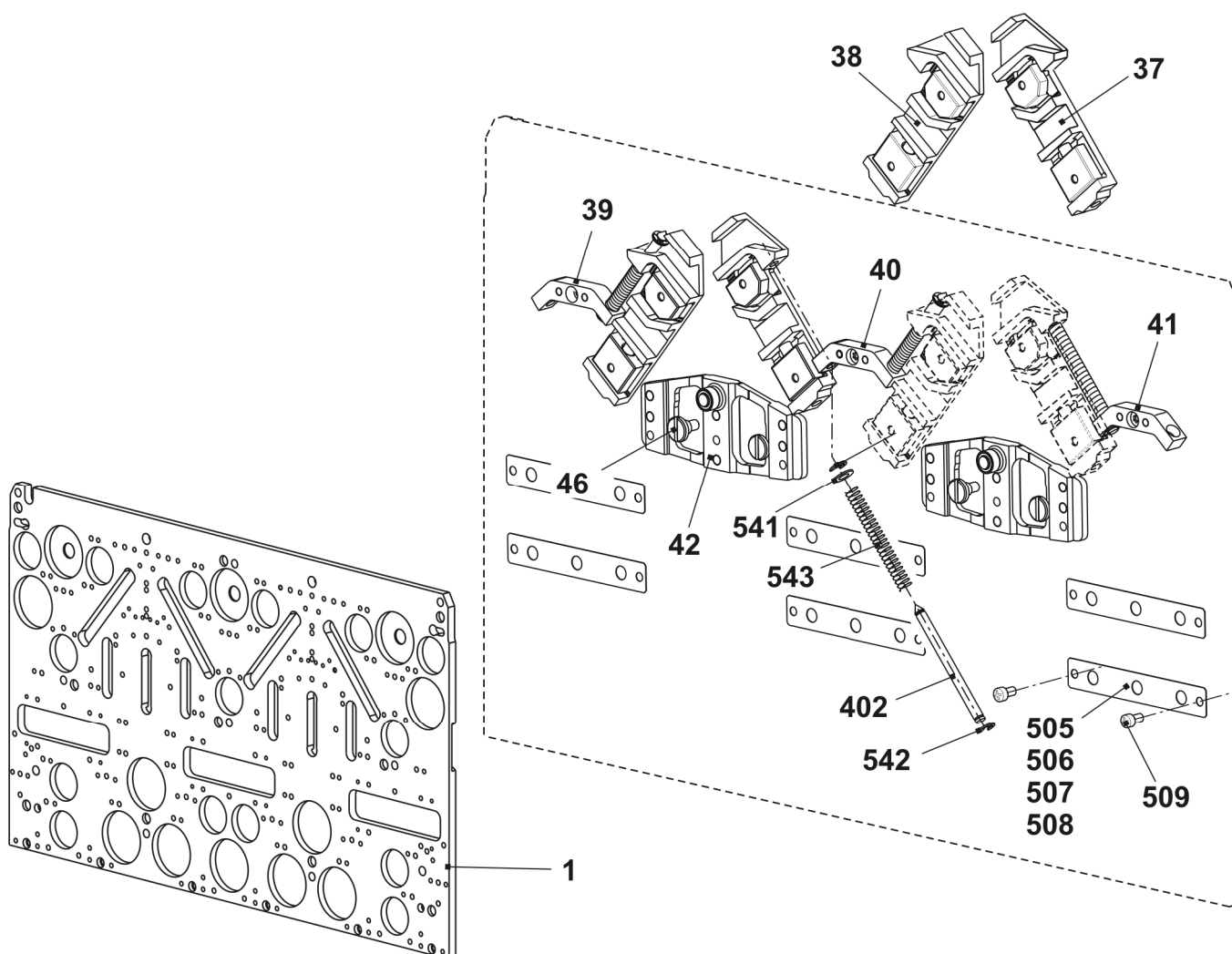
Cams E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2	213 300
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193			
18	Cam on the left E5-14	212 274	48	Cam on the right E5-14	212 275
19	Cam	210 252	49	Entry cam on the left -1.5 E10 - E14	216 329
20	Offering cam	210 185	50	Entry cam on the right -1.5 E10 - E14	216 330
21	Selector cam on the left	212 944	500	Cap screw M4x8	020 091
22	Selector cam on the right	212 947			



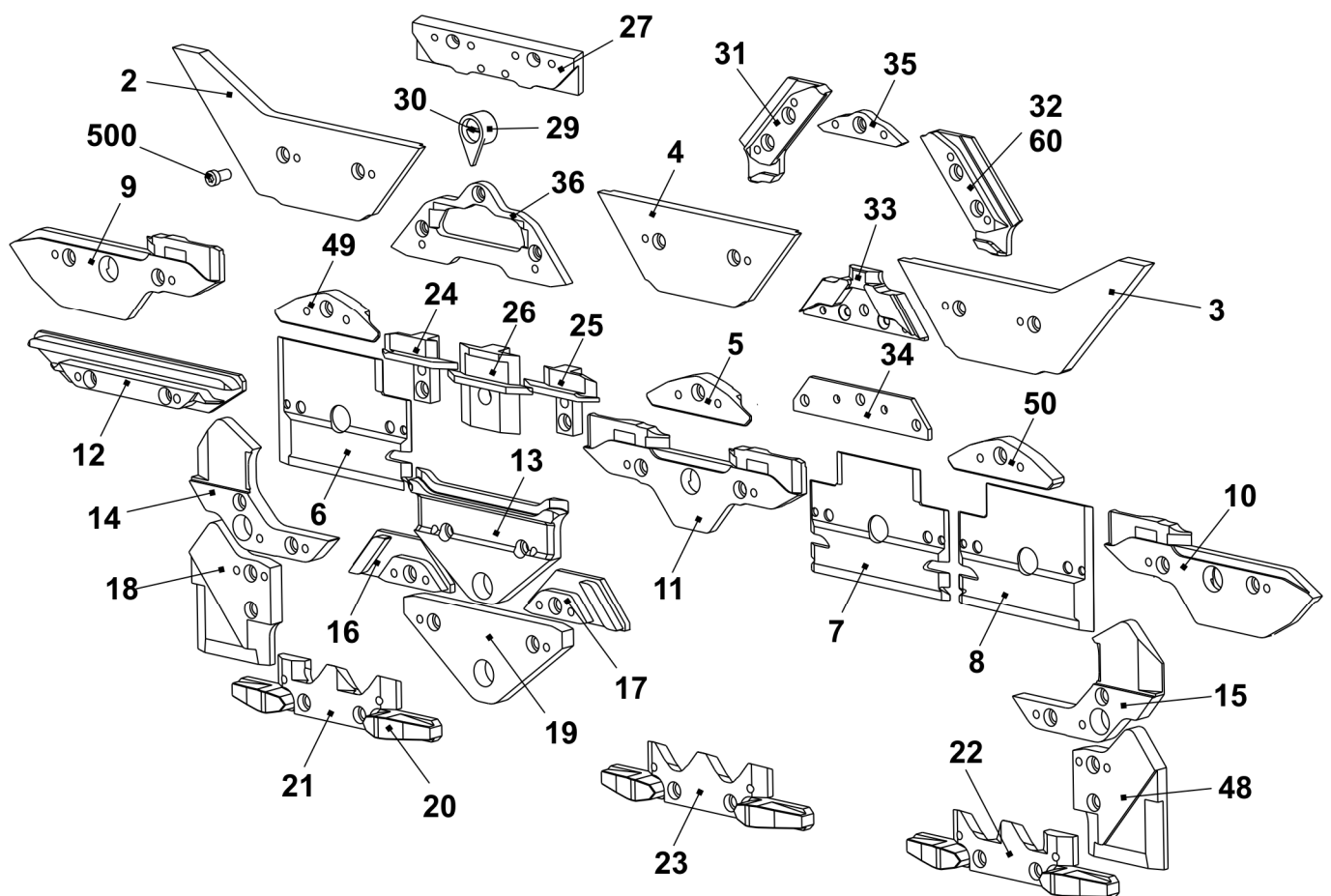
Cam box E14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E14	241 788	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
	402 Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



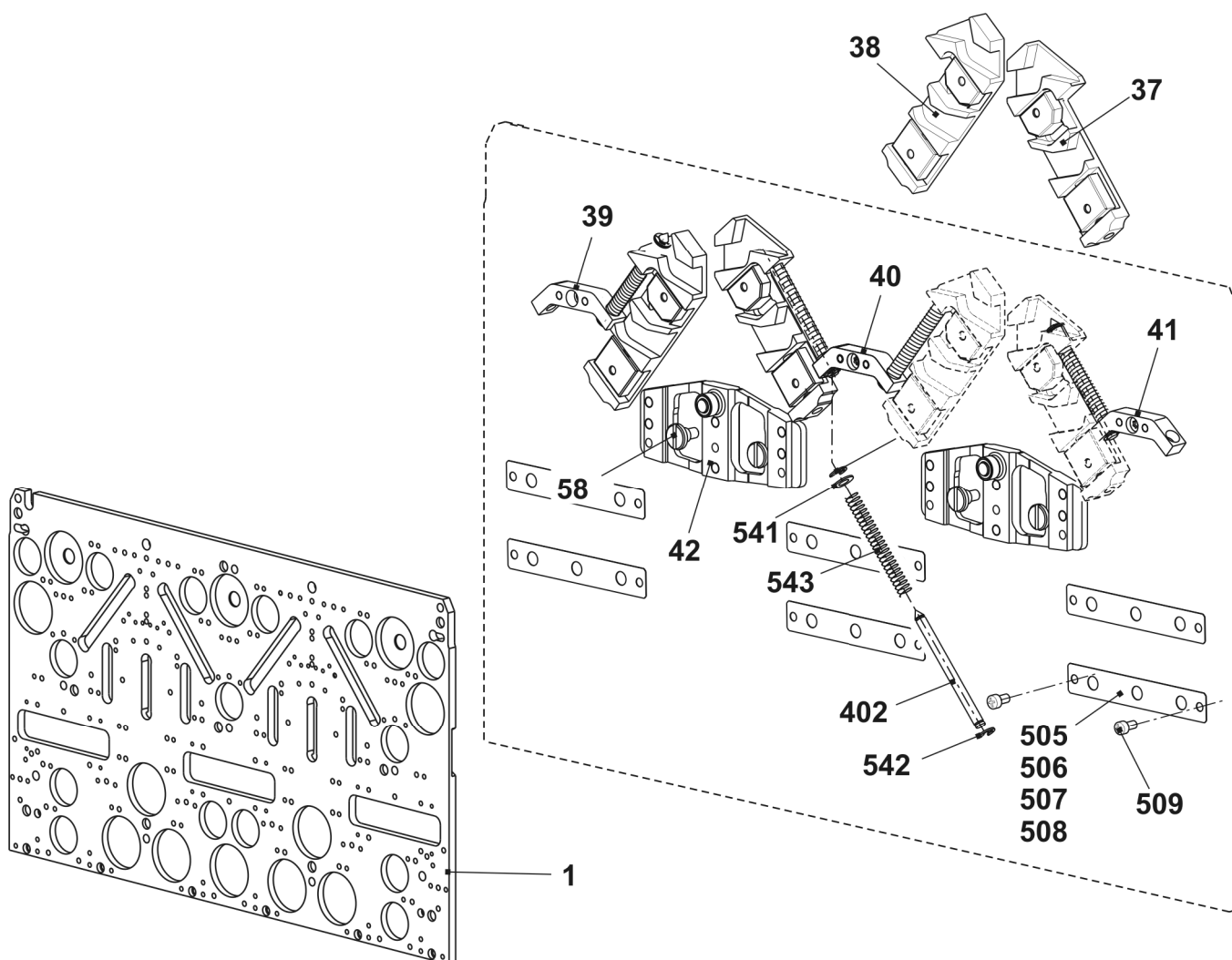
Cams E14

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E14	236 428
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E14	236 944
14	Cam on the left E5-14	212 265	36	Raising cam part without split E14	236 767
15	Cam on the right E5-14	212 266		Raising cam part for split E14	214 212
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5-14	212 274	49	Entry cam on the left -1.5 E10 - E14	216 329
19	Cam	210 252	50	Entry cam on the right -1.5 E10 - E14	216 330
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



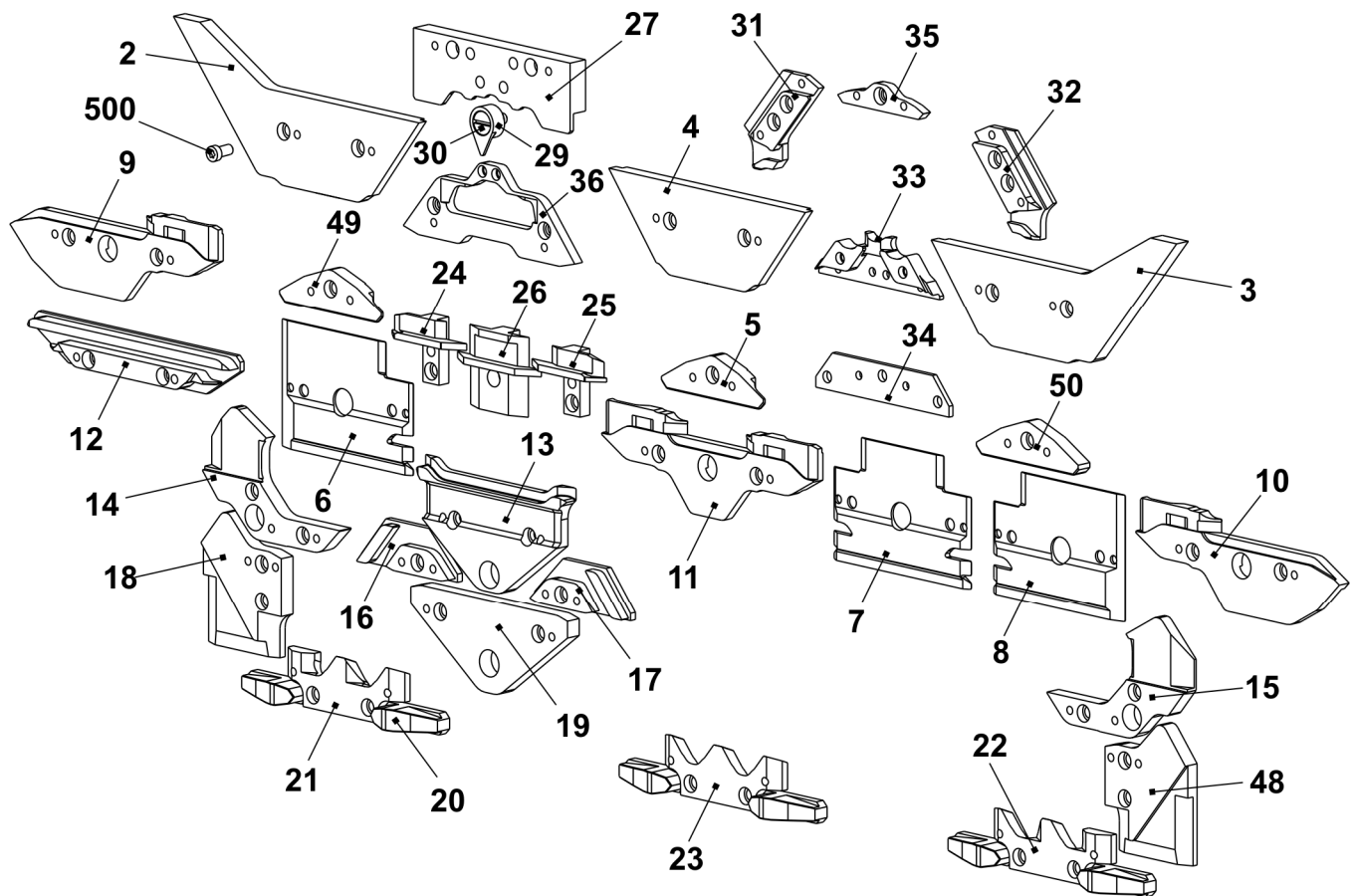
Cam box E16 - E18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E16 - E20	241 789	42	Contact piece	240 281
1	Cam plate	241 330	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E16 - E20	221 123	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E16 - E20	221 124	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cam box complete contains all parts for one carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			

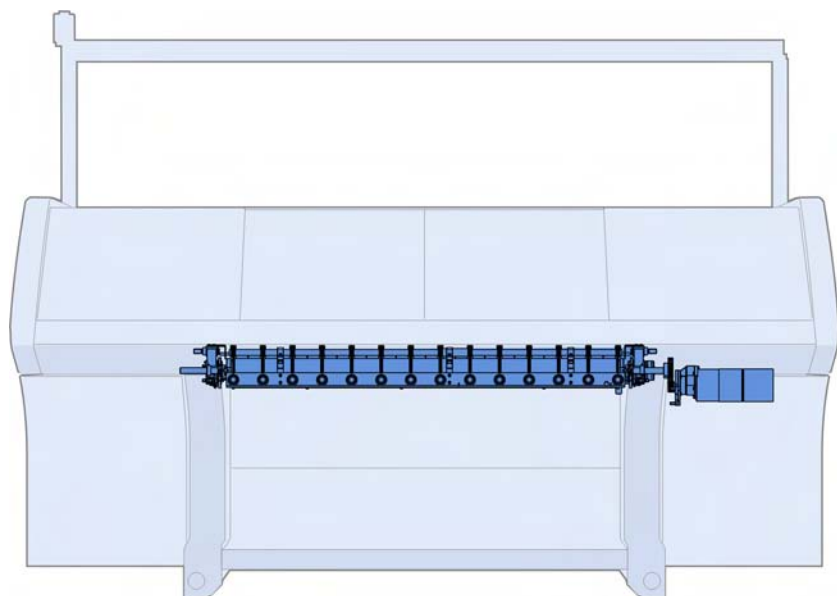


Cams E16 + E18

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E16 - E20	220 842	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E16 - E20	220 865
7	Plate in the middle	231 035	29	Pointer E16 - E20	224 383
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E16 - E20	220 870
10	Cam on the right	231 041	32	Stitch cam on the right E16 - E20	220 871
11	Cam in the middle	231 040	33	Tuck limit cam E16 + E18	239 936
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E16 - E20	220 863
14	Cam on the left E5-14	212 265	36	Raising cam part without split E16 - E18 + E9.2	239 457
15	Cam on the right E5-14	212 266		Raising cam part for split E16 - E18 + E9.2	239 742
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5-14	212 274	49	Entry cam on the left E16 - E20	220 841
19	Cam	210 252	50	Entry cam on the right E16 - E20	220 843
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



Main take-down



Take-down rollers and left bearing

Take-down motor and right bearing

Impulse giver and motor

Rear take-down roller

Front take-down roller

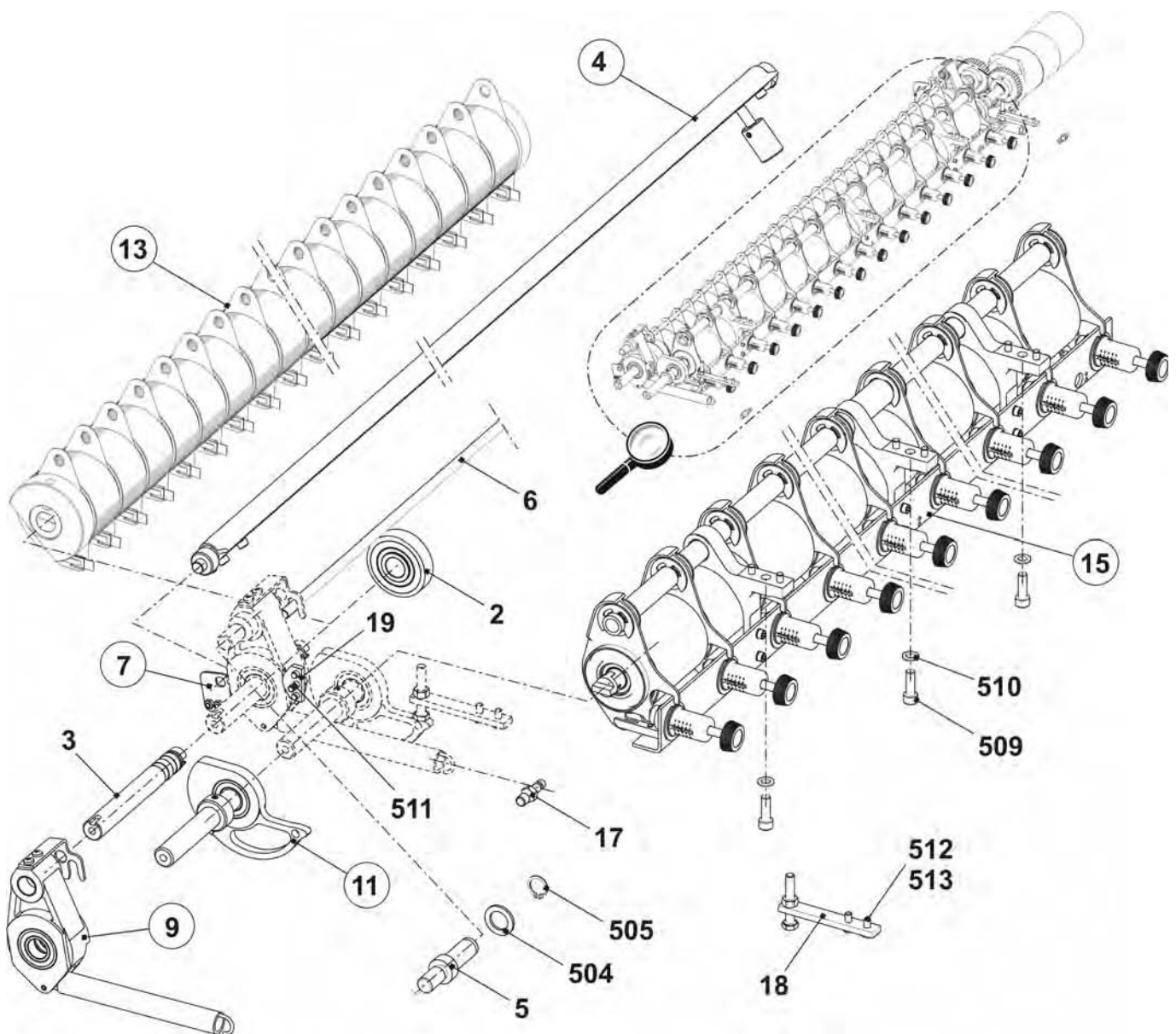
Mounting plate

Floating axle

Swivel-mounted bearing

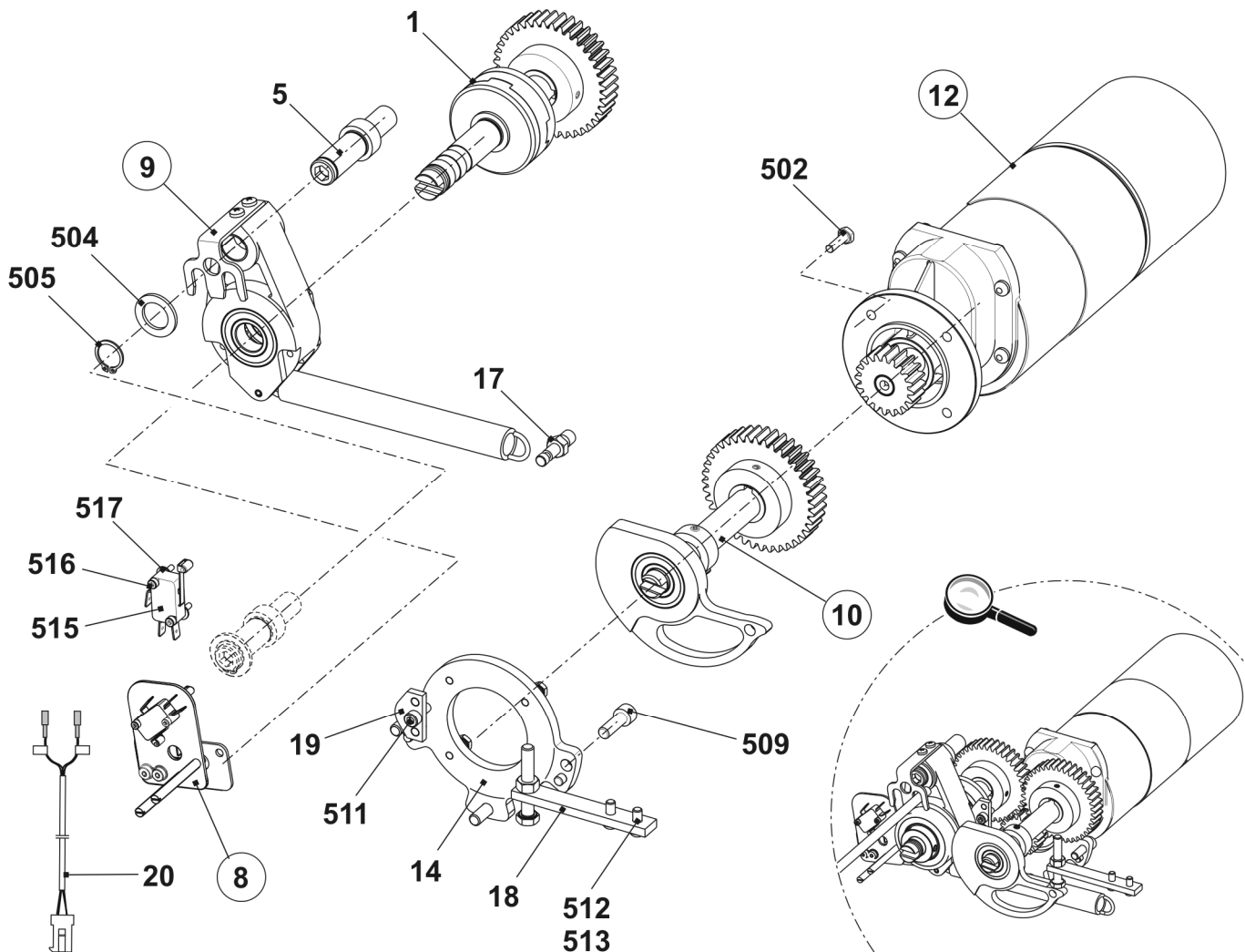
Take-down rollers and left bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Main take-down complete		13	Take-down roller at the rear complete	
	E5 - E14 + E2,5.2 - E7.2	240 184		E5 - E14 + E2,5.2 - E7.2	242 338
	E16 - E18 + E8.2 - E9.2	241 576		E16 - E18 + E8.2 - E9.2	242 787
2	Bearing race complete	221 168	15	Take-down roller at the front complete	241 426
3	Shaft on the left at the rear	221 012	17	Spring bolt	221 143
4	Stripper angle at the rear complete	240 125	18	Stop point	221 146
5	Bolt	208 538	19	Stop point	232 364
6	Rod	221 338	504	Washer 18-200	023 295
7	Mounting plate on the left complete	231 725	505	Locking ring 18x1.2	020 955
9	Swivel-mounted bearing	240 714	509	Cap screw M8x25-12.9	020 142
11	Floating axle on the left	221 174	510	Washer 8-200	020 883
			511	Cap screw M6x16	020 135
			512	Washer 6-200	020 881
			513	Countersunk screw M6x16	023 124



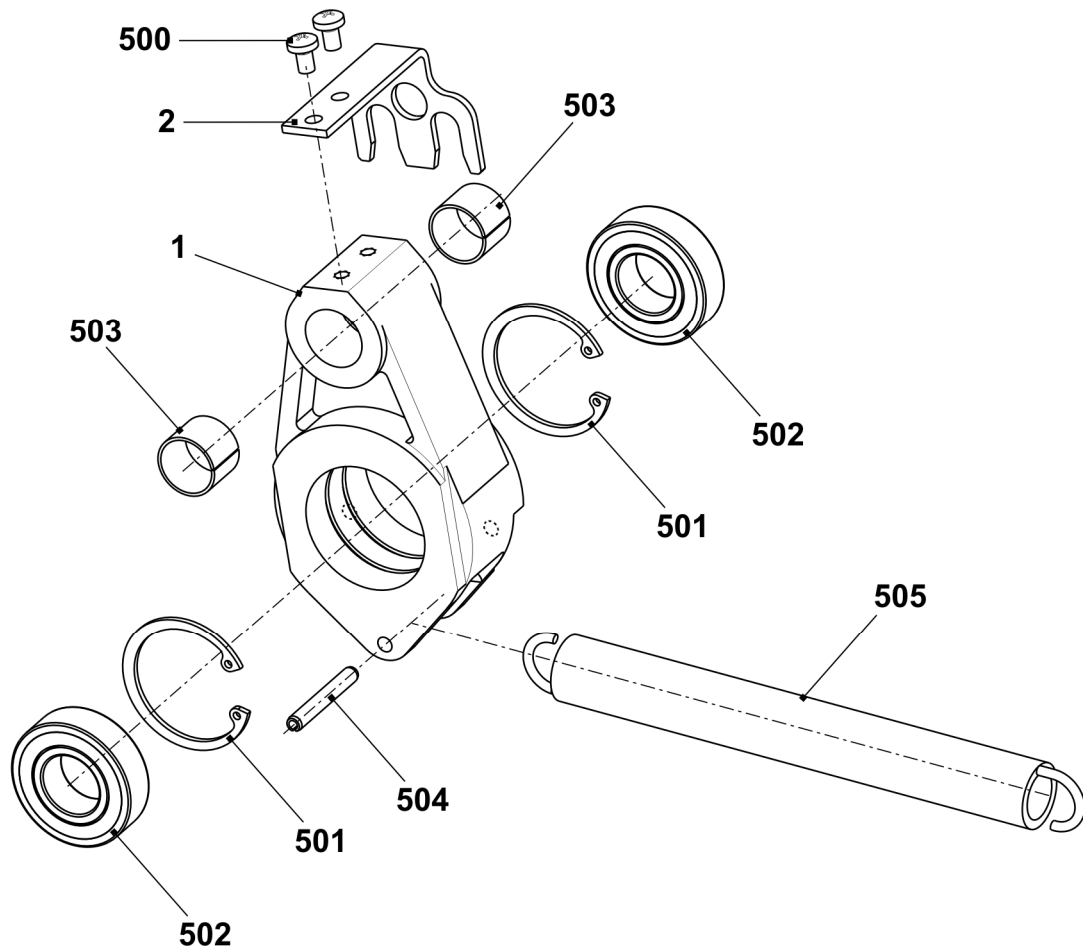
Take-down motor and right bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Clutch set	223 441	502	Hexagon screw M6X16	020 356
8	Mounting plate on the right complete	240 069	504	Washer 18-200	023 295
9	Swivel-mounted bearing	240 714	505	Locking ring 18x1.2	020 955
10	Floating axle on the right	223 442	509	Cap screw M8x25-12.9	020 142
12	Motor take-down + comb	214 279	511	Cap screw M6X16	020 135
14	Flange	241 754	512	Washer 6-200	020 881
17	Spring bolt	221 143	513	Countersunk screw M6x16	023 124
18	Stop point	221 146	515	Microswitch Xgk2-S21 250	210 510
19	Stop point	232 364	516	Cap screw M3x20	023 221
20	Cable winding plate OKC	241 703	517	Washer 3-200	023 657



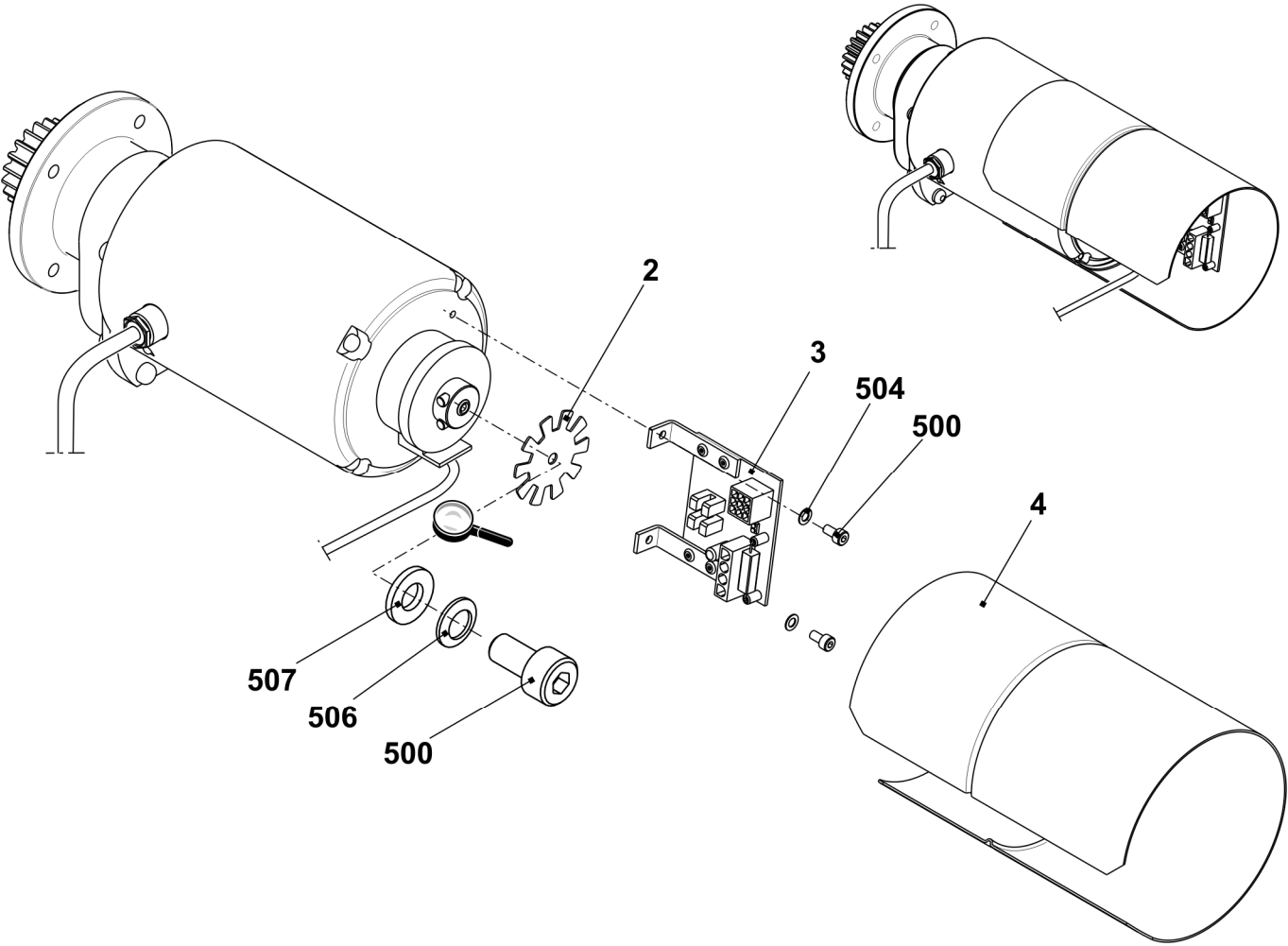
Swivel-mounted bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Swivel-mounted bearing	240 714	502	Ball bearing 6004-2Z	022 720
1	Lever	221 081	503	Slide bearing 18x20x15	022 951
2	Sheet metal support	209 393	504	Spring dowel sleeve 5x36	023 150
500	Countersunk screw M5x8	022 779	505	Tension spring 21x3.0x192	240 217
501	Locking ring 42x1.75	023 293			



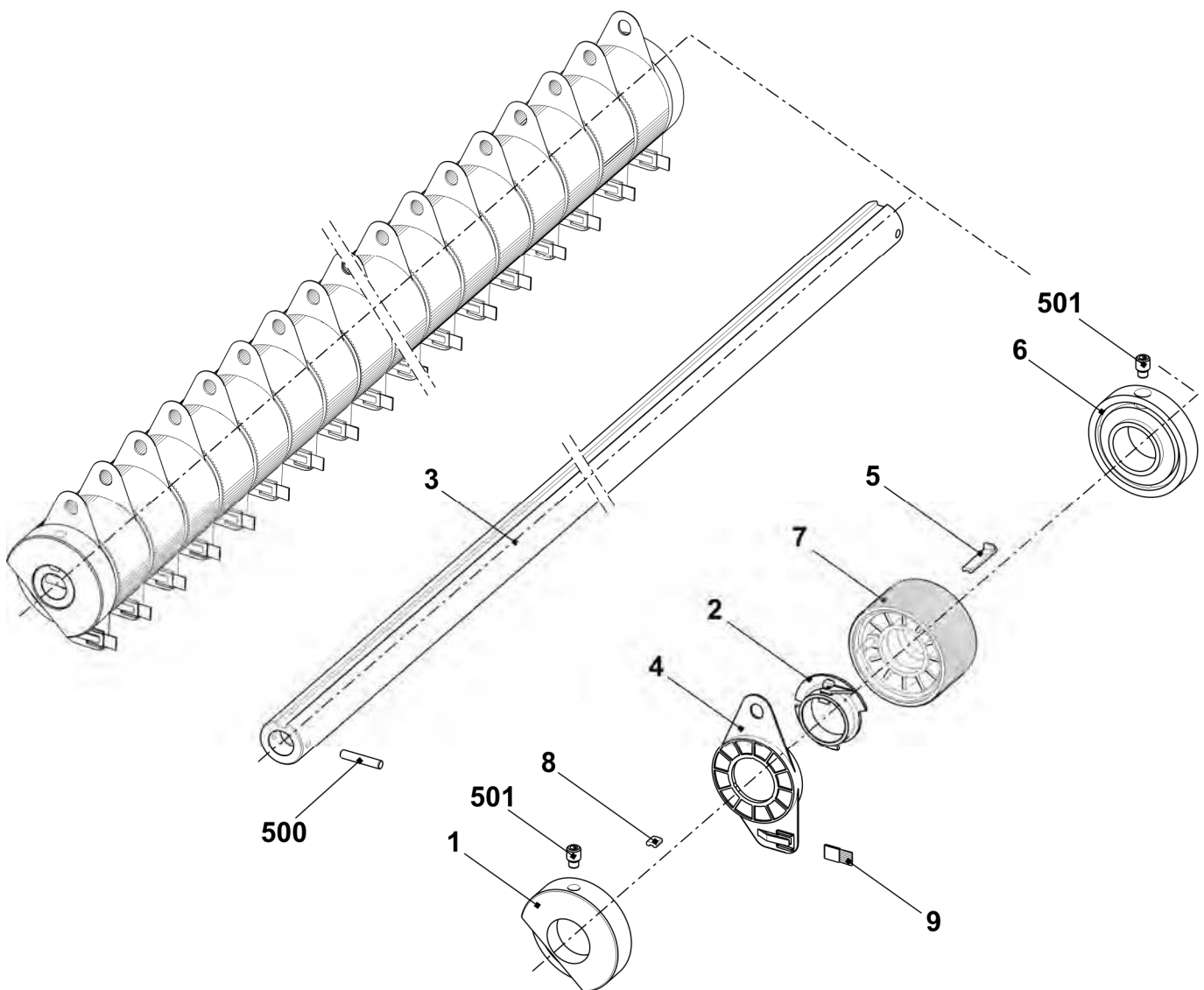
Impulse giver and motor

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Motor take-down unit + comb	214 279	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	Washer 4-200	020 879
3	Light barrier motor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Adjusting washer 4x8x1	023 369



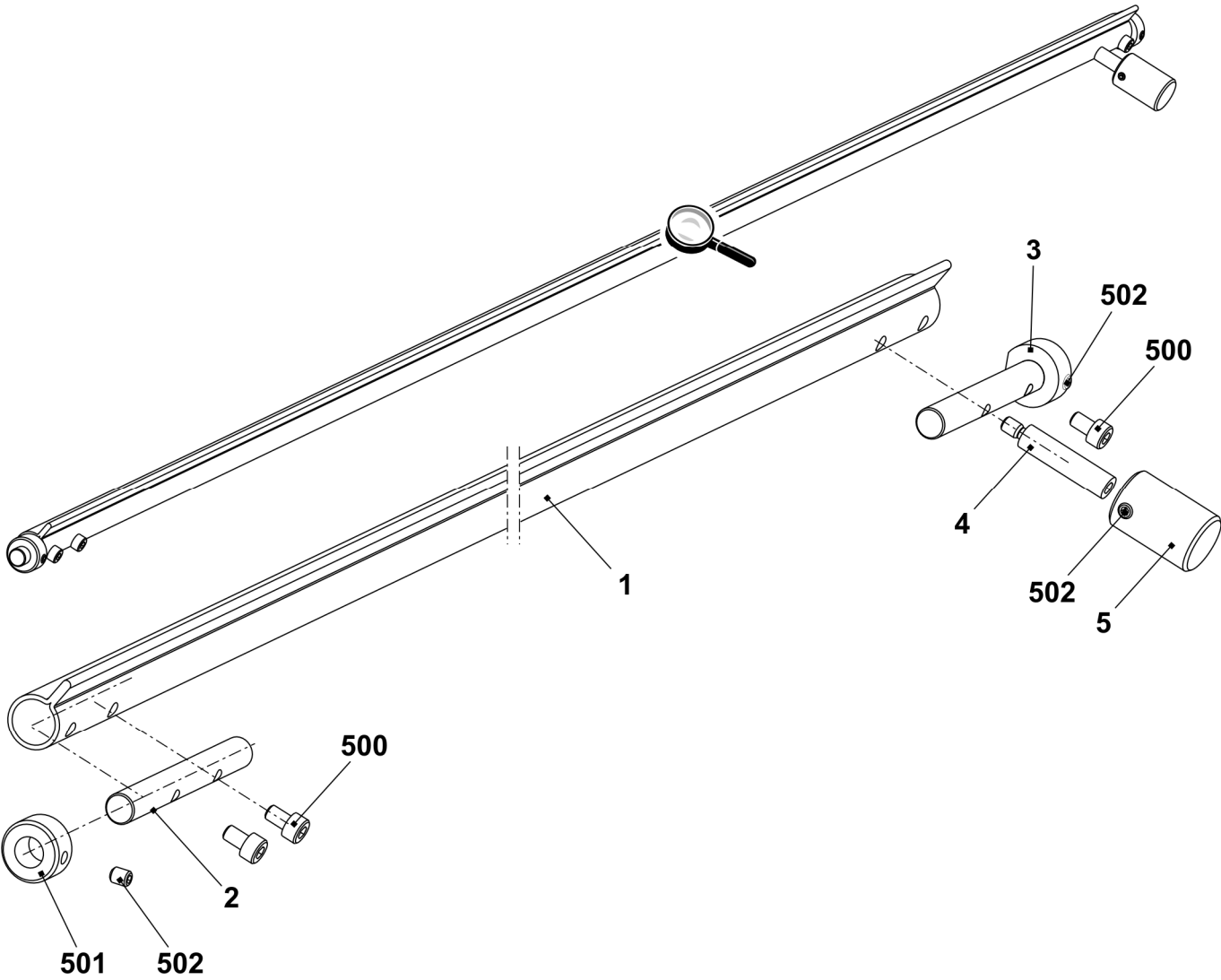
Rear take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the rear complete		6	Ring on the right	232 281
	E5 - E14 + E2,5.2 - E7.2	242 338	7	Roller checkered E5 – E14 + E2,5.2 - E7.2	206 770
	E16 - E18 + E8.2 - E9.2	242 787		Roller plain E16 - E18 + E8.2 - E9.2	231 400
1	Ring on the left	232 280	8	Spacer slide	222 062
2	Stop ring on the left	204 369	9	Brush	225 819
3	Shaft	221 011	500	Setting pin 6x32	020 685
4	Stripper	241 612	501	Set screw M10x15-4	020 635
5	Spacer slide	240 104			



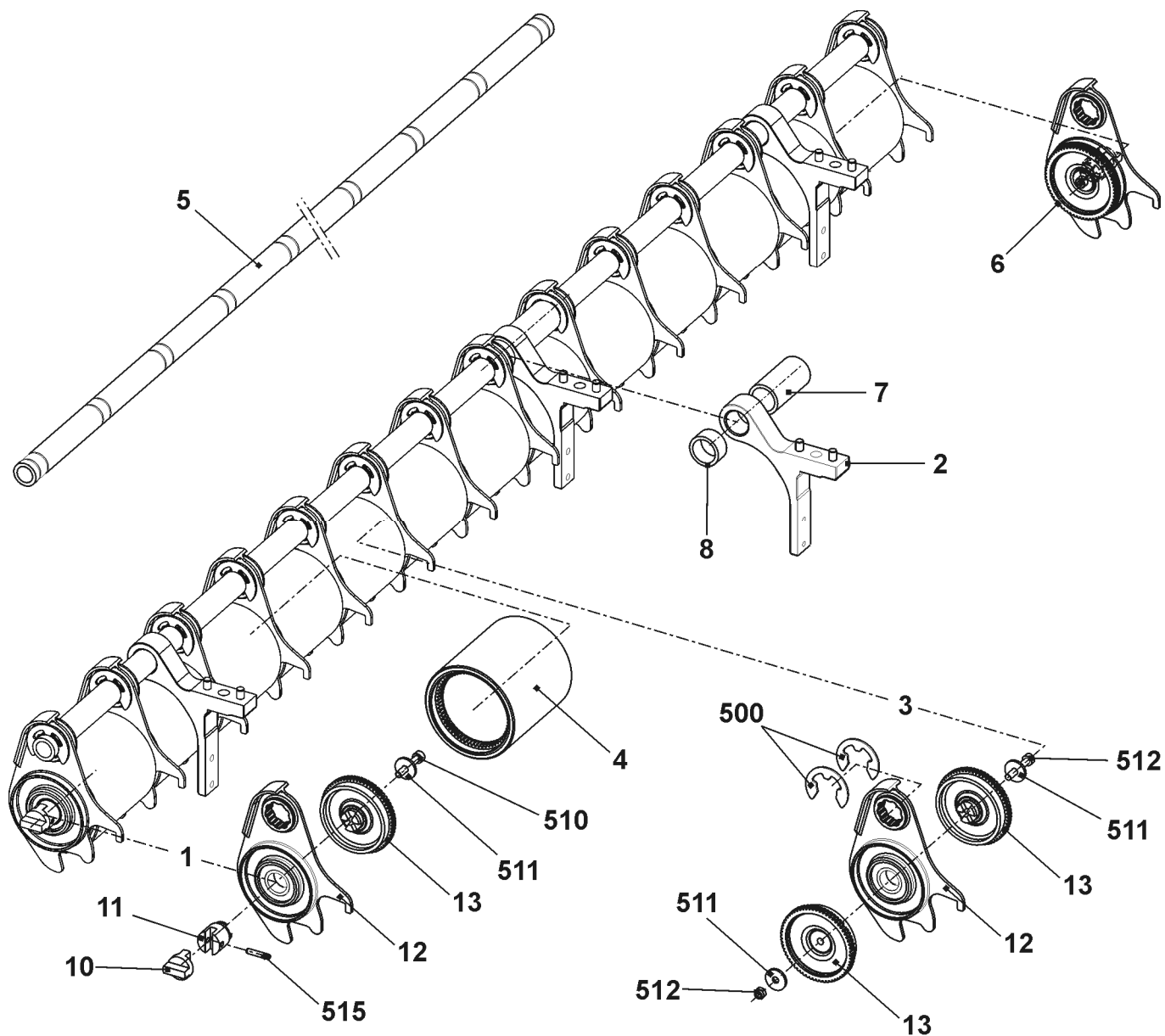
Stripper angle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Stripper angle at the rear complete	240 125			
1	Stripper angle	240 126	5	Setting weight	229 248
2	Shaft	240 127	500	Cap screw M5x8	023 319
3	Cam	209 278	501	Set collar	020 934
4	Bolt	228 310	502	Set screw M5x6	022 738



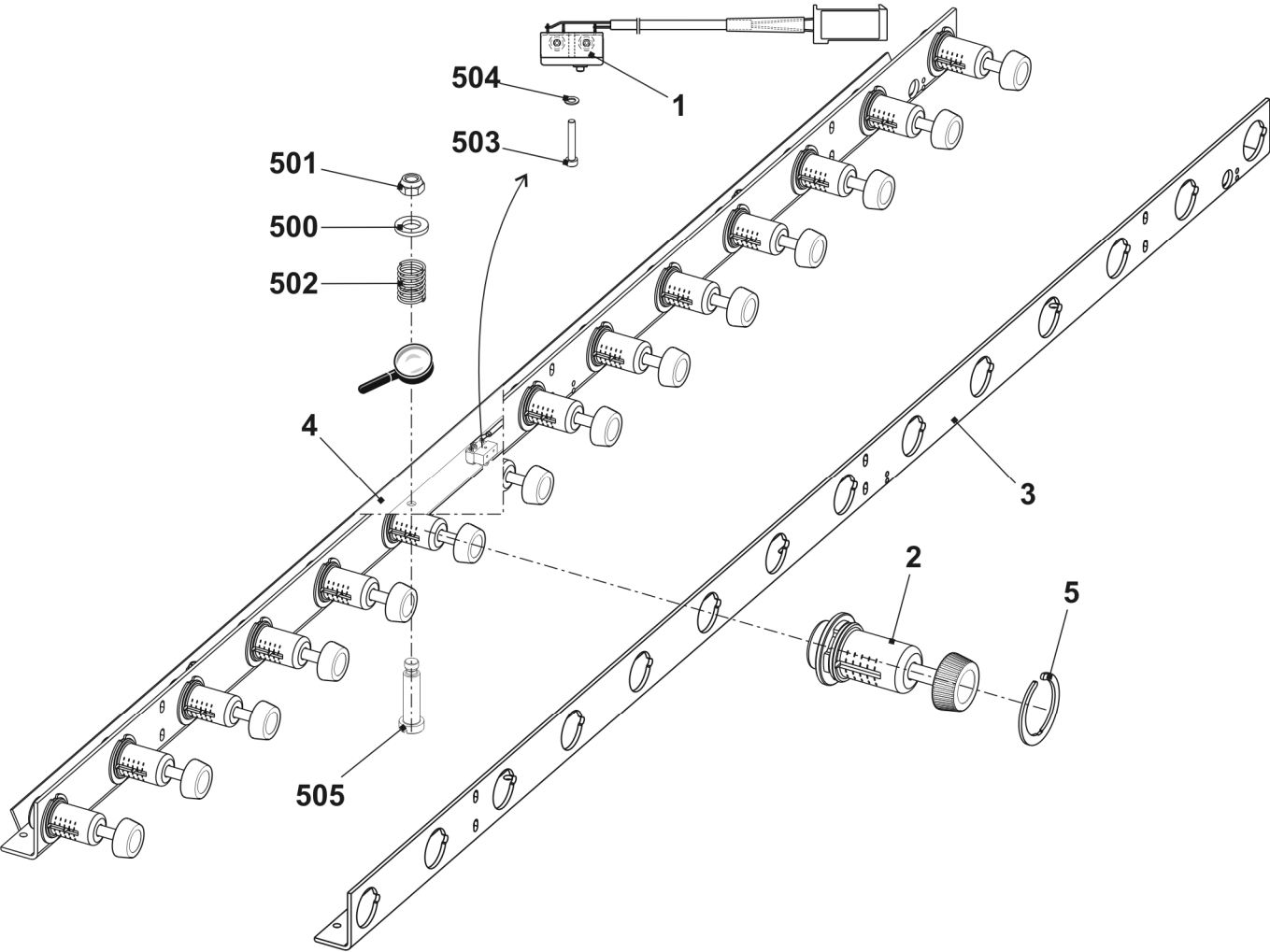
Front take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the front complete	241 426	4	Fixating part	221 935
1	Take-down roller at the front	221 243	500	Compression spring 1x10x30	023 741
2	Angle rail complete	241 425	501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911	502	Washer 5-200	020 880



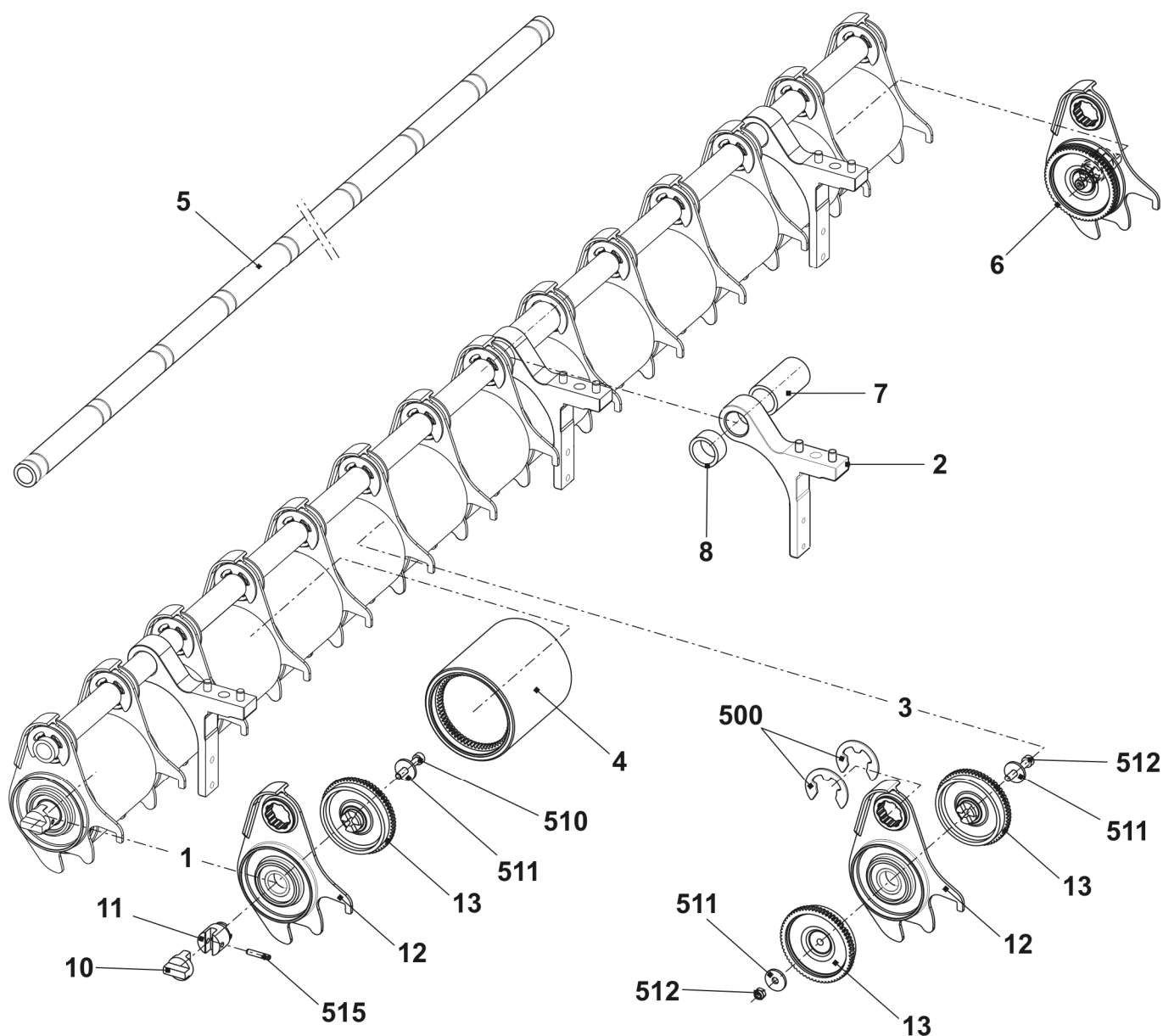
Pressure angle rail

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Angle rail complete	241 425	500	Washer 6-200	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0.8x9.2x27.5	023 537
3	Angle rail	241 773	503	Cap screw M2x12	023 522
4	Winding plate	221 101	504	Washer 2-200	022 908
5	Locking ring	242 325	505	Shoulder screw M5x20x5	023 675



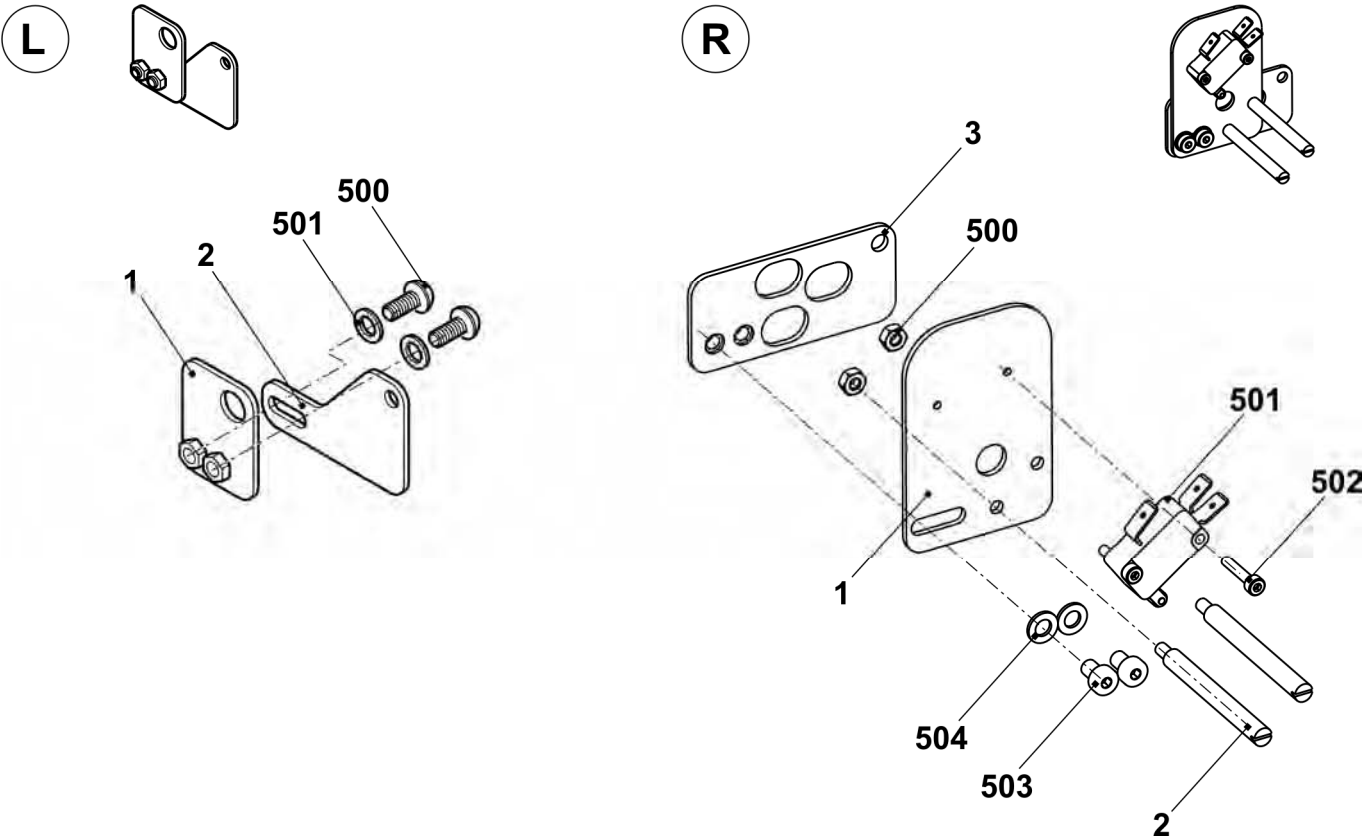
Front roller elements

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the front	221 243	4	Roller	220 905
1	Bearing support complete on the left	221 225	5	Tube	221 092
10	Universal joint	221 137	6	Bearing support complete on the right	221 240
11	Adaptor	221 132	10	Universal joint	221 137
12	Bearing support	220 913	11	Adaptor	221 132
13	Gear wheel	220 910	12	Bearing support	220 913
510	Cap screw M5x20	020 133	13	Gear wheel	220 910
511	Washer 5-100hv	023 542	510	Cap screw M5x20	020 133
515	Spring dowel sleeve 4x20	023 551	511	Washer 5-100hv	023 542
2	Support	221 089	515	Spring dowel sleeve 4x20	023 551
3	Bearing support complete	221 241	7	Distance pipe on the right	221 920
12	Bearing support	220 913	8	Distance pipe on the left	221 919
13	Gear wheel	220 910	500	Circlip	021 025
511	Washer 5-100hv	023 542			
512	Cap screw M5x30	022 396			



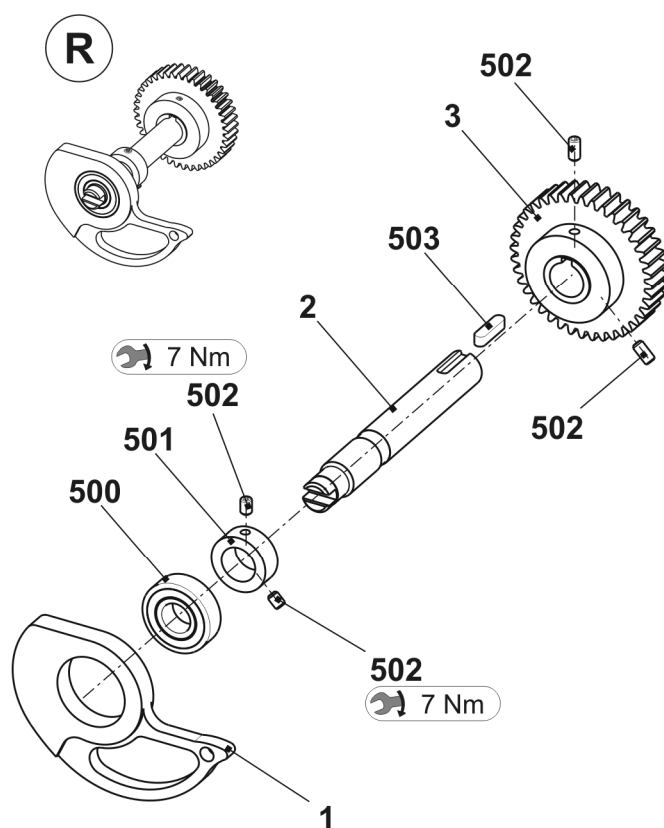
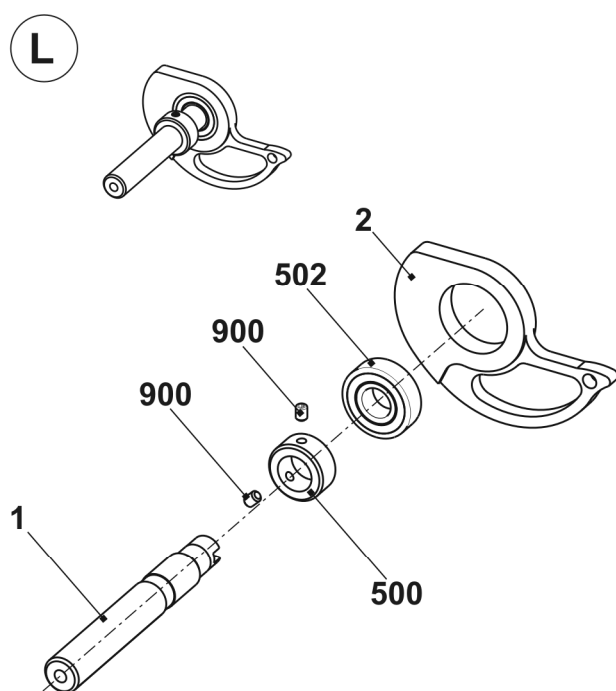
Mounting plate

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Mounting plate on the left complete	231 725	Σ R	Mounting plate on the right complete	240 069
1	Mounting plate on the left	231 541	1	Mounting plate on the right	240 068
2	Retaining plate on the left	231 539	2	Shoulder screw	240 067
500	Countersunk screw M5x10	023 247	3	Retaining plate on the right	240 066
501	Serrated lock washer J5.3	022 489	500	Hexagon nut M4-6	022 536
			501	Microswitch	026 259
			502	Cap screw M3x16	022 583
			503	Cap screw M5x8	244 278
			504	Washer 5-200	020 871

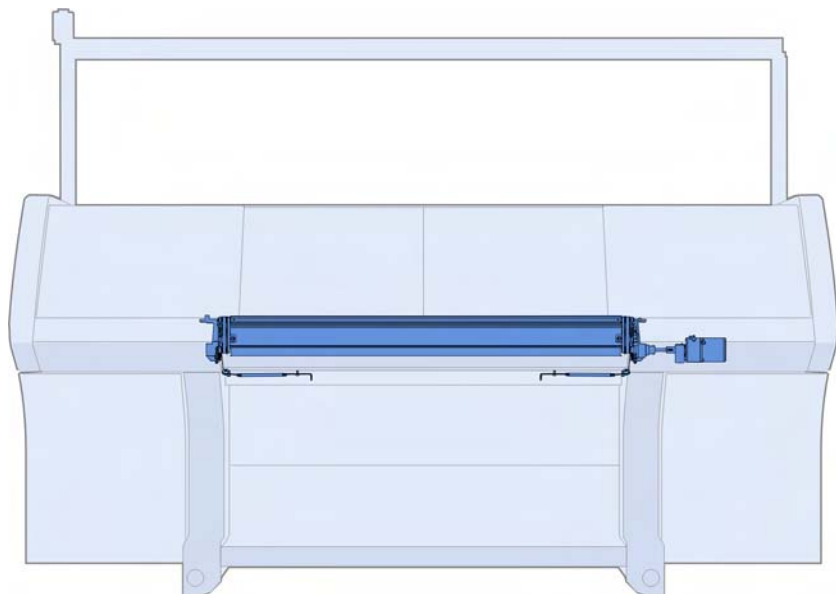


Floating axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ A	Floating axle on the left	221 174	Σ B	Floating axle on the right	223 442
1	Shaft on the left at the front	221 013	1	Eccentric	220 998
2	Eccentric	220 998	2	Shaft on the right	223 393
500	Set collar	020 938	3	Gear wheel z=40, m=2	213 744
502	Fitting freewheel ZZ6203L	023 294	500	Fitting freewheel ZZ6203L	023 294
900	Set screw M6x8	022 684	501	Set collar	020 938
			502	Set screw M6x8	022 684
			503	Feather key A 6x6x25	023 017

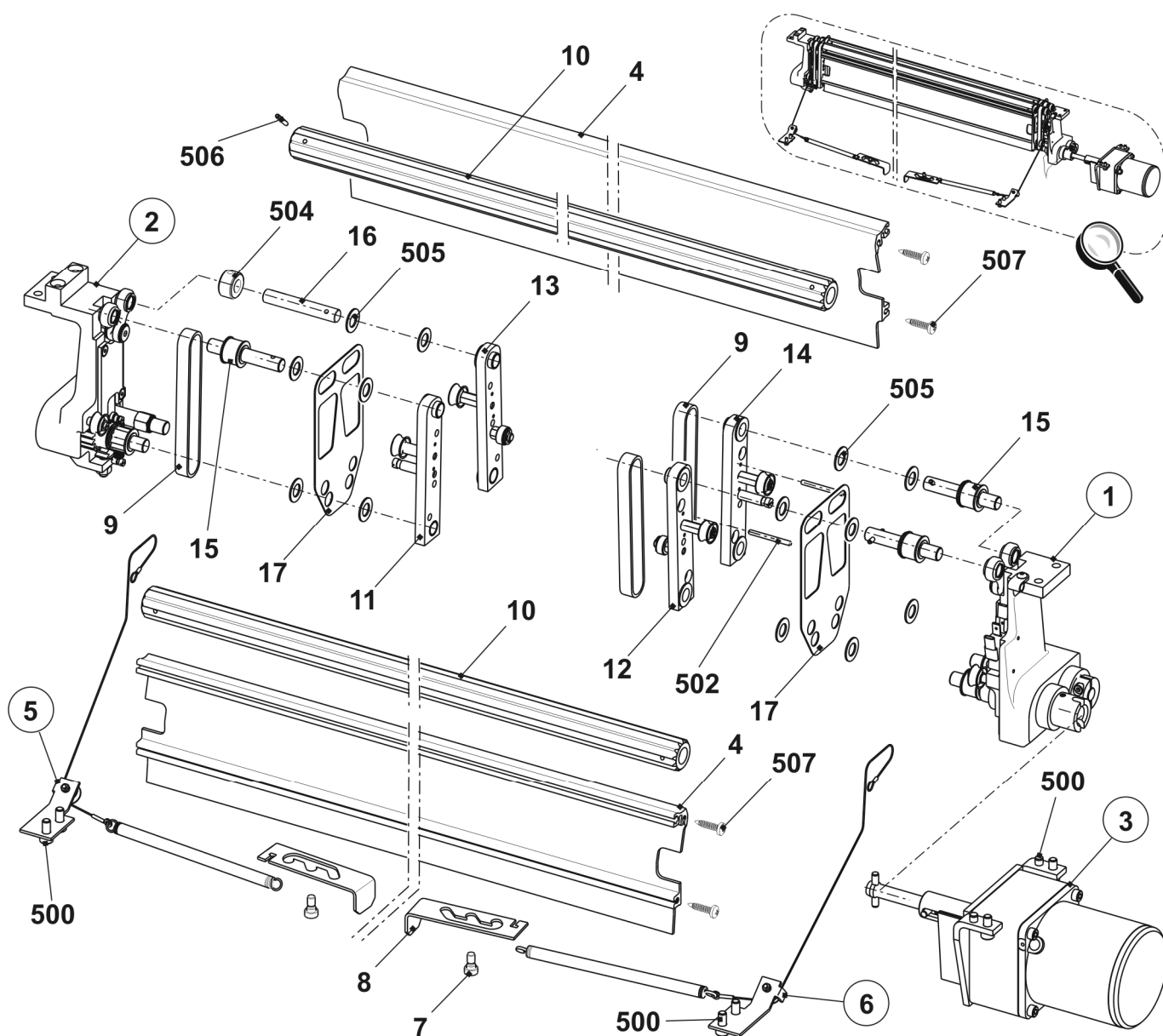


Auxiliary take-down



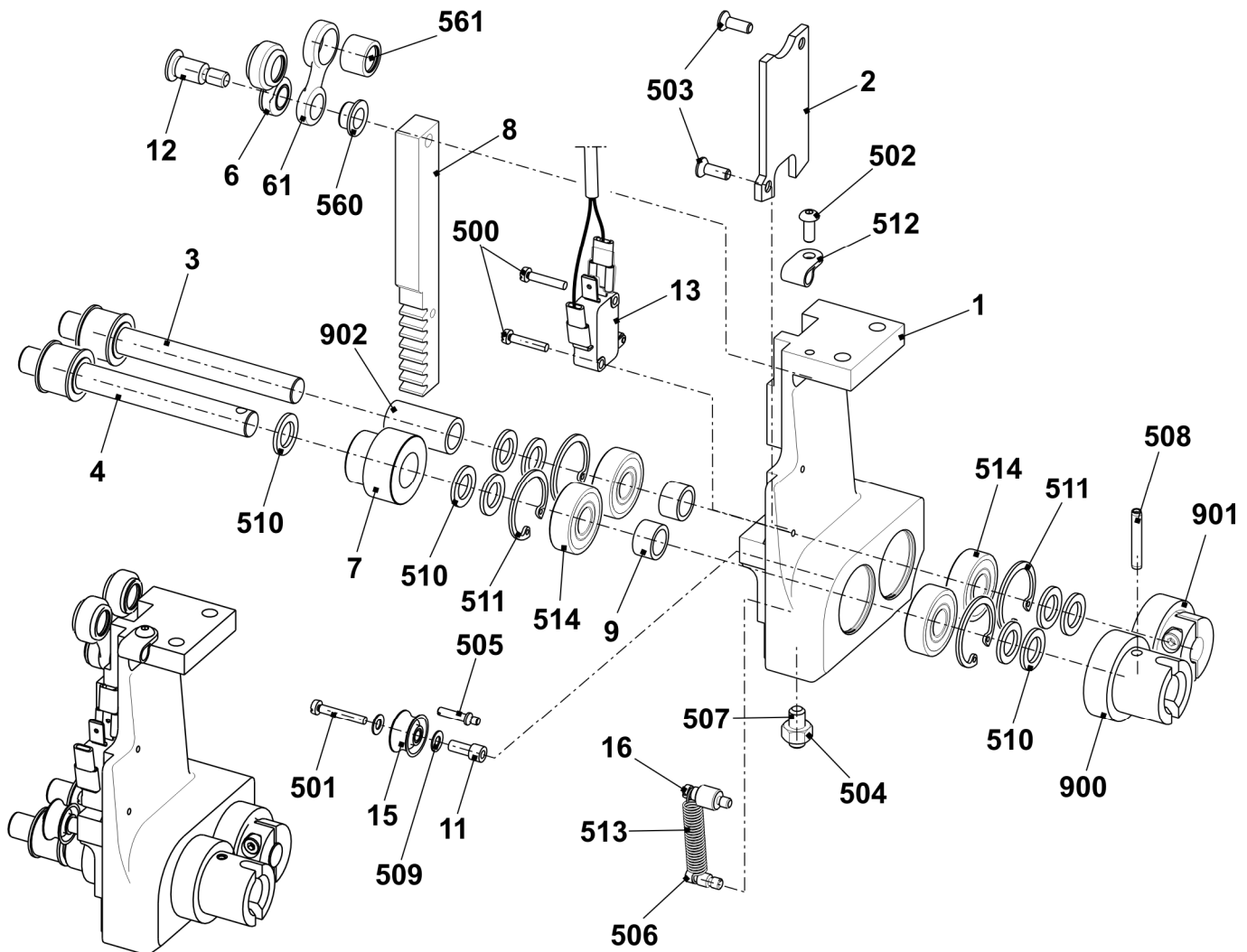
Auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Auxiliary take-down	240 002	12	Lever at the front on the right	227 262
1	Bearing on the right complete	239 996	13	Lever at the rear on the left	227 261
2	Bearing on the left complete	239 999	14	Lever at the rear on the right	227 260
3	Take-down motor complete auxiliary take-down	214 449	15	Timing belt pulley complete	226 708
4	Guiding plate	213 362	16	Bolt	227 914
5	Angular sheet metal on the left complete	225 013	17	Protective plate	225 754
6	Angular sheet metal on the right complete	225 014	500	Cap screw M6X12	020 134
7	Shoulder screw	207 101	502	Cap screw M3x27x32	023 634
8	Detent plate	222 040	504	Set collar	020 934
9	Toothed belt 10T5/260	208 832	505	Stop disc	023 646
10	Take-down roller	224 891	506	Spring dowel sleeve 3x20	020 776
11	Lever at the front on the left	227 263	507	Sheet metal screw St4.8x22-	023 259



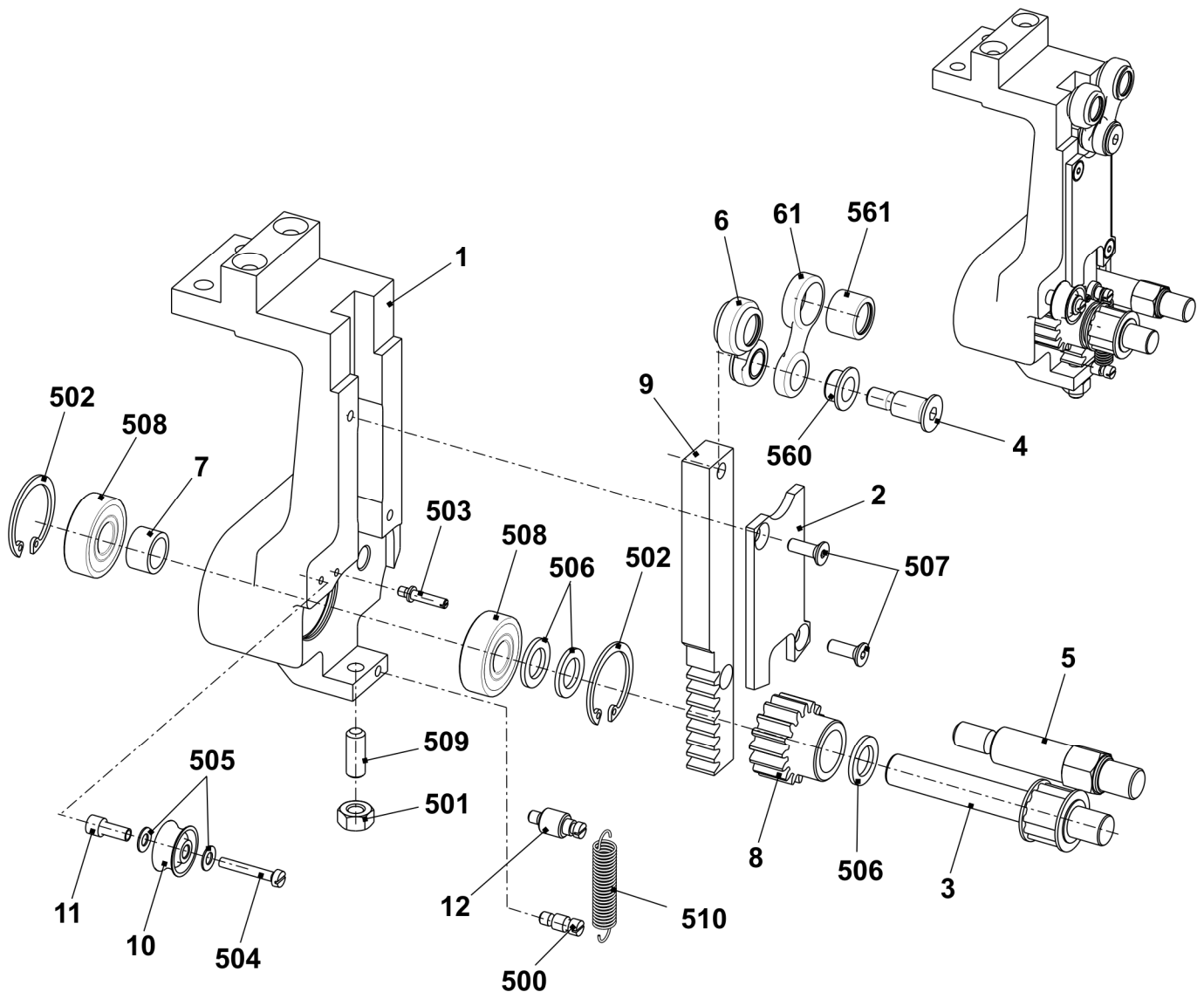
Right bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Bearing on the right complete	239 996			
1	Bearing block on the right	239 967	501	Cap screw M3x20	022 448
2	Cover	224 881	502	Countersunk screw M4x10	023 450
3	Drive shaft complete	227 857	503	Countersunk head screw M4x12	023 062
4	Drive shaft complete	227 853	504	Hexagon nut M6-6	020 836
6	Connecting rod complete	226 710	505	Threaded bolt with shoulder	243 226
61	Connecting rod	226 696	506	Cap screw M4x9x14	020 602
560	Slide bearing GFM-081014-06	023 358	507	Set screw M6x16-45	023 092
561	Needle roller bearing HK1010	023 664	508	Spiral pin 4x24	023 544
7	Gear wheel on the right complete	218 524	509	Adjusting washer 4x8x0.5	023 384
8	Gear rack on the right	239 218	510	Adjusting washer 10x16x1.5	023 261
9	Spacer	229 683	511	Locking ring 26x1.2	023 359
11	Sleeve	239 997	512	Cable clip 255/5.2	008 335
12	Collar bolt	210 551	513	Tension spring 7.5x0.7x28	023 595
13	Cable with switch auxiliary take-down okc	243 142	514	Ball bearing 6000-2Z	022 599
15	Roller deflector	218 805	900	Gear wheel M=1,5, Z=20	213 880
16	Cap screw	239 215	901	Gear wheel M=1,5, Z=20	210 504
500	Cap screw M3x16	022 560	902	Sleeve	227 257



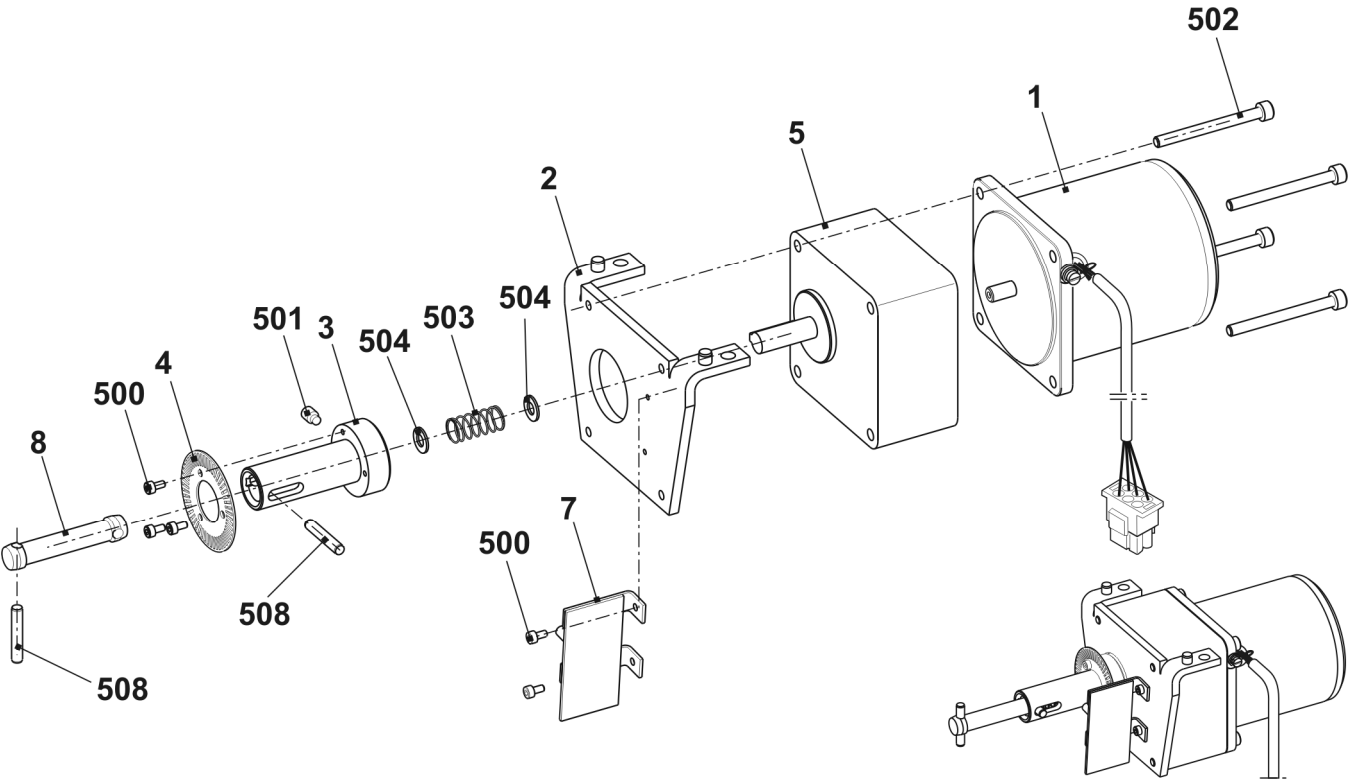
Left bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Bearing on the left	239 999	11	Sleeve	239 997
1	Bearing block on the left	240 001	12	Cap screw	239 215
2	Cover	224 881	500	Cap screw M4x9x14	020 602
3	Drive shaft complete	227 887	501	Hexagon nut M6-6	020 836
4	Collar bolt	210 551	502	Locking ring 26x1.2	023 359
5	Bolt	226 705	503	Threaded bolt with shoulder	243 226
6	Connecting rod complete	226 696	504	Cap screw M3x20	022 448
61	Connecting rod	226 696	505	Adjusting washer 4x8x0.5	023 384
540	Slide bearing GFM-081014-06	023 358	506	Adjusting washer 10x16x1.5	023 261
541	Needle roller bearing HK1010	023 664	507	Countersunk head screw M4x12	023 062
7	Spacer	229 683	508	Ball bearing 6000-2Z	022 599
8	Gear wheel on the left complete	218 523	509	Set screw M6x16-45	023 092
9	Gear rack on the left	239 216	510	Tension spring 7.5x0.7x28	023 595
10	Roller deflector	218 805			



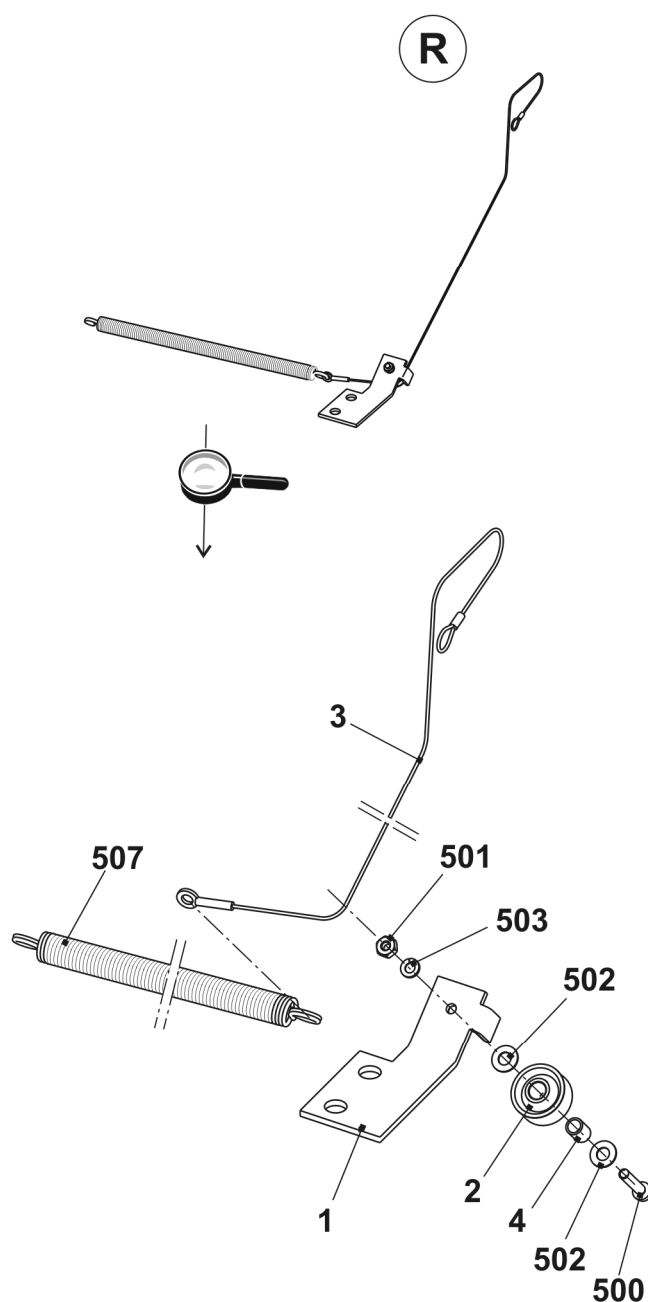
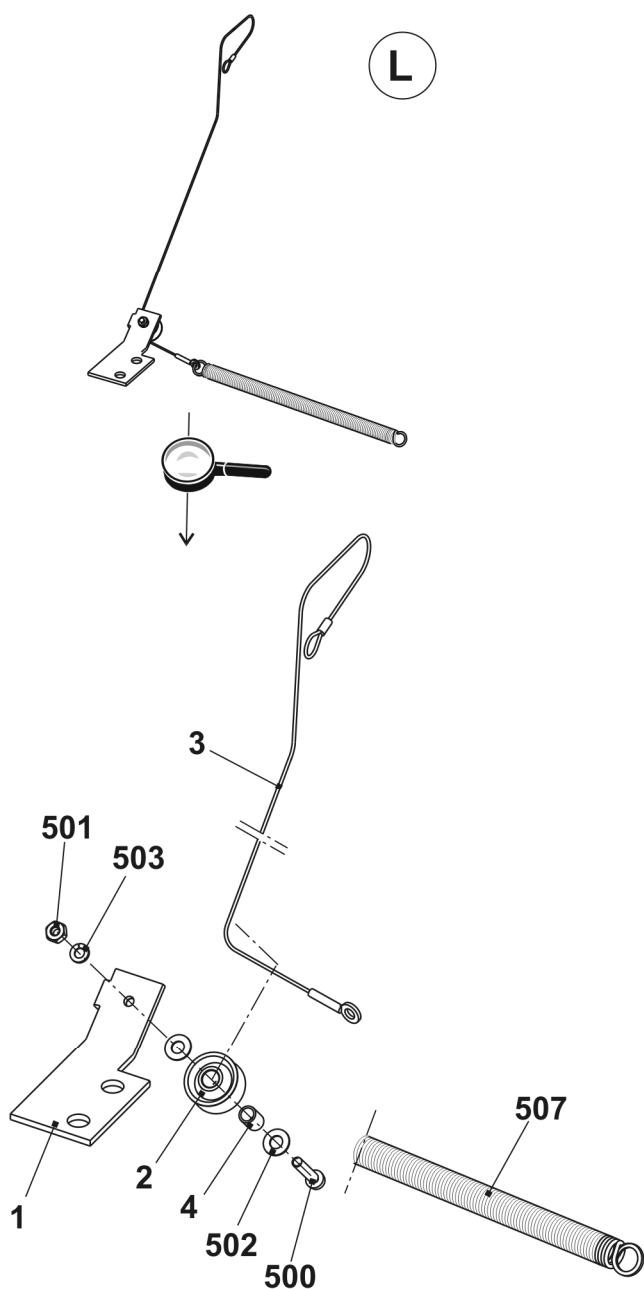
Motor

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Motor auxiliary take-down complete	214 449	8	Shaft	219 025
1	Motor auxiliary take-down	213 871	500	Cap screw M3x6	022 589
2	Motor bracket	218 040	501	Set screw M6x10	023 543
3	Drive sleeve	219 024	502	Cap screw M5x55	023 321
4	Impulse disc	218 449	503	Compression spring 0.63x10.97x40	023 500
5	Gear 4GN36K	220 353	504	Adjusting washer 6x12x1	023 444
7	Light barrier Auxiliary take-down	217 462	508	Dowel pin 5x28	241 686



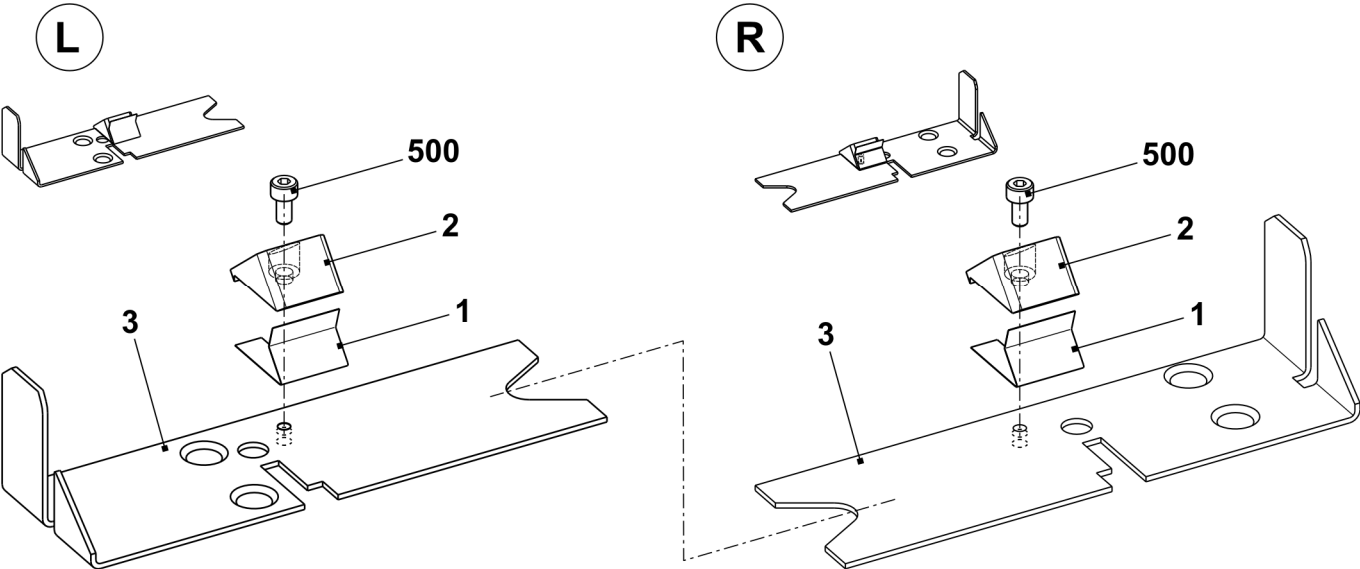
Angular sheet metal on the left and right complete

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Angular sheet metal on the left complete	225 013	Σ R	Angular sheet metal on the right complete	225 014
1	Angular sheet metal on the left	224 920	1	Angular sheet metal on the right	224 931
2	Roller deflector	218 805	2	Roller deflector	218 805
3	Fine cable	224 977	3	Fine cable	224 977
4	Sleeve	227 867	4	Sleeve	227 867
500	Cap screw M3x16	022 560	500	Cap screw M3x16	022 560
501	Hexagon nut M3-6	022 564	501	Hexagon nut M3-6	022 564
502	Adjusting washer 4x8x0.5	023 384	502	Adjusting washer 4x8x0.5	023 384
503	Spring washer A3	021 005	503	Spring washer A3	021 005
507	Tension spring 8x0,9x75	021 287	507	Tension spring 8x0,9x75	021 287

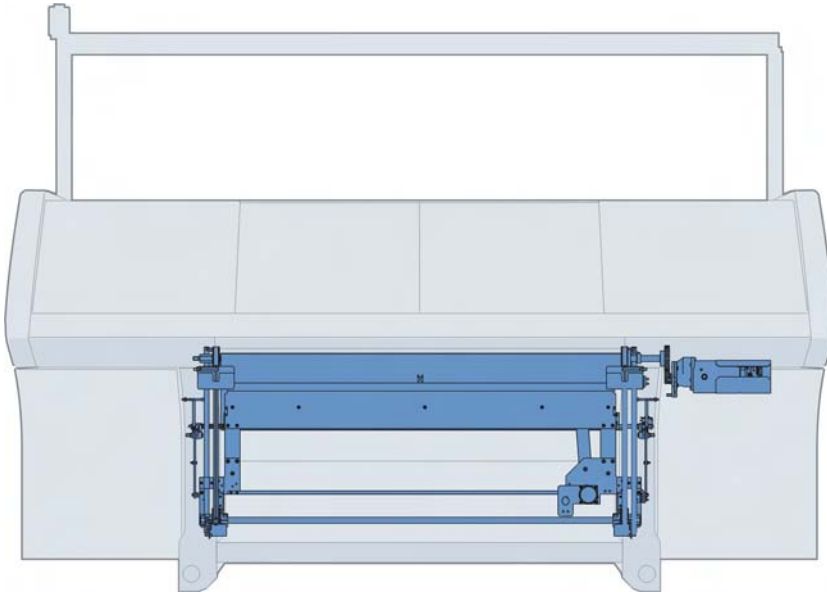


Thread brake at clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Thread brake	240 019	Σ R	Thread brake	240 021
1	Compound spring	232 164	1	Cover on the right	240 022
2	Clamping part	232 165	2	Compound spring	232 164
3	Cover on the left	240 020	3	Clamping part	232 165
500	Cap screw M4x8	022 501	500	Cap screw M4x8	022 501

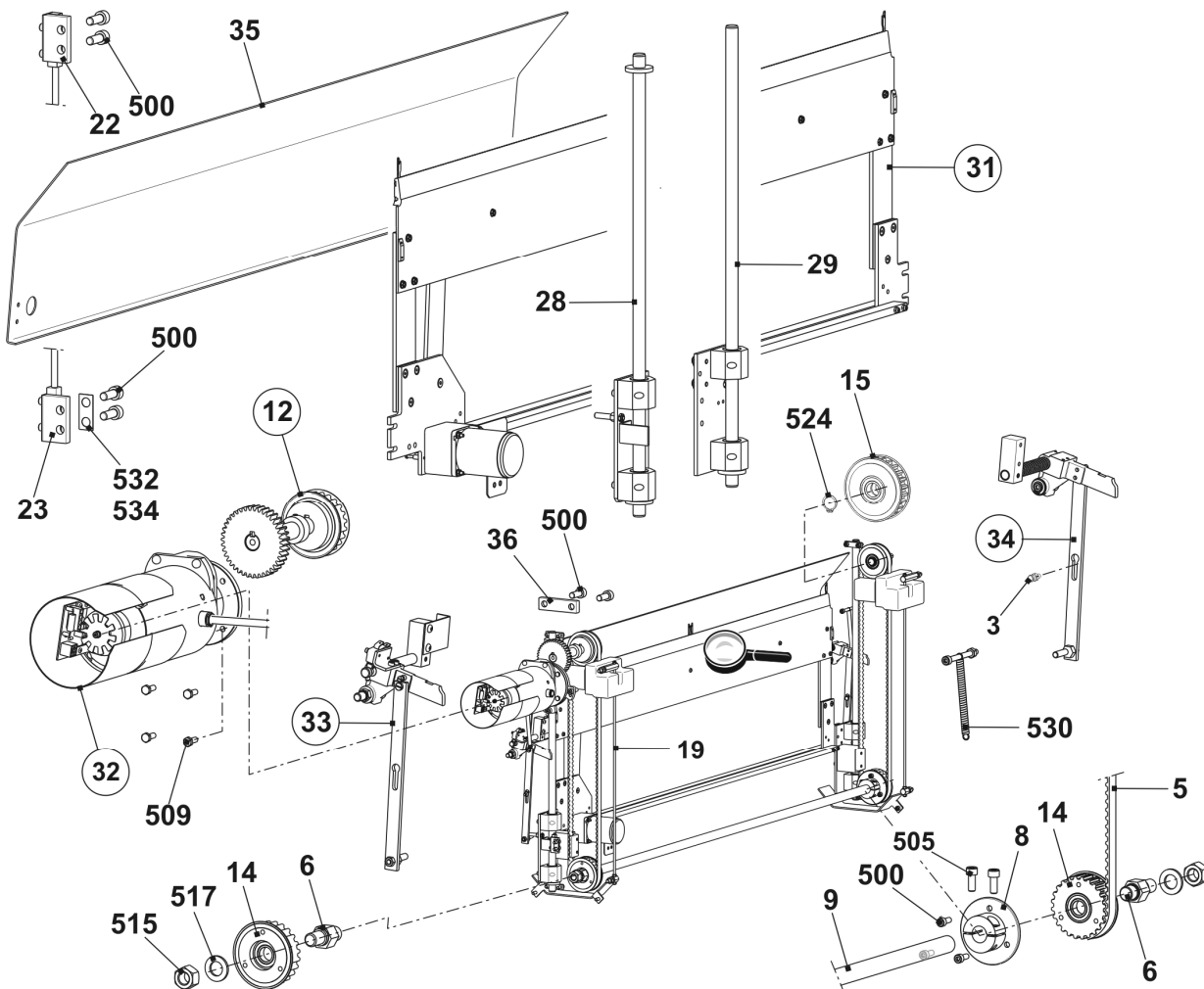


Comb take-down



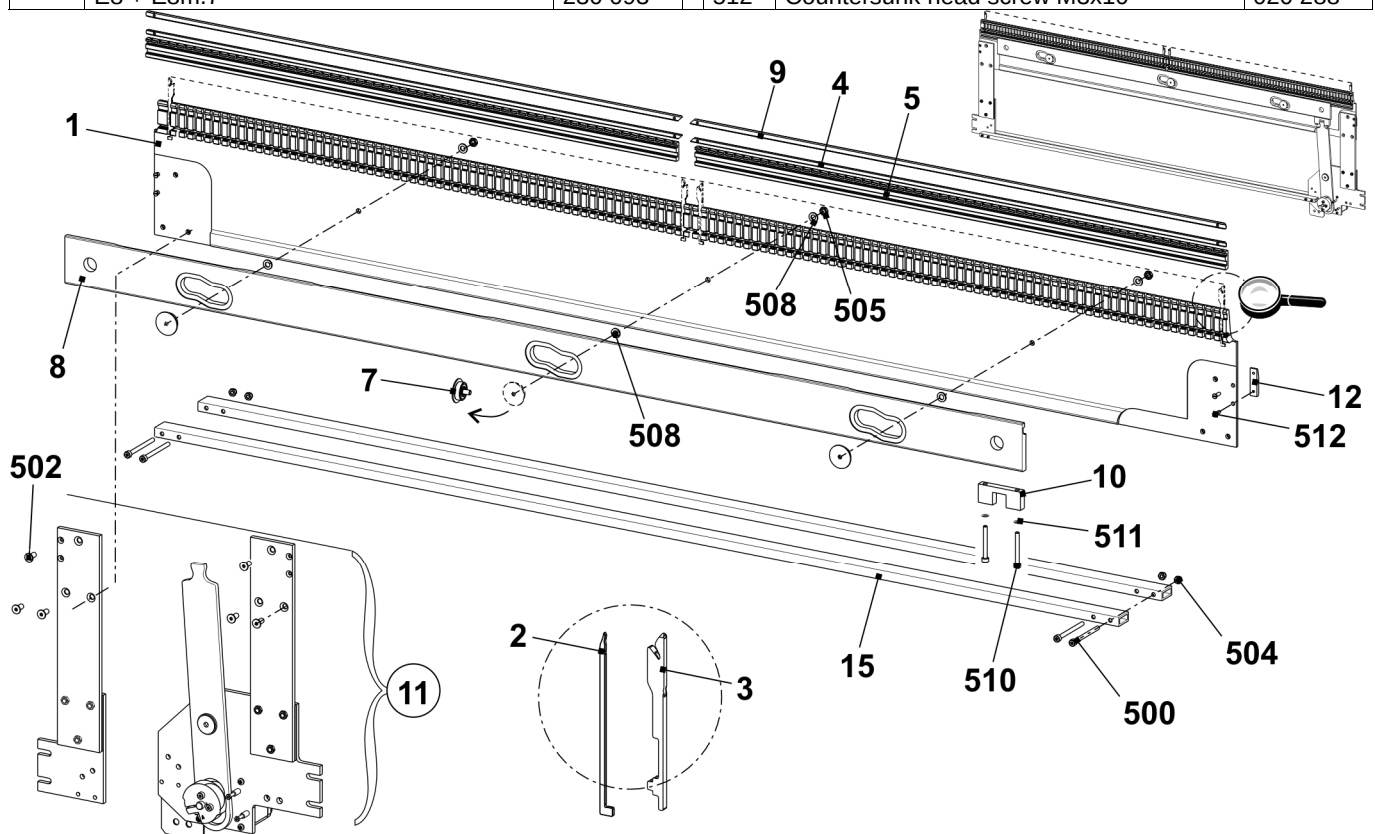
Comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Comb take-down		31	Comb unit	
	E5 + E5m.4 + E2,5.2	241 537		E5 + E5m.4 + E2,5.2	241 530
	E7 + E7m.5 + E7m.8 + E3,5.2	241 538		E7 + E7m.5 + E7m.8 + E3,5.2	241 531
	E8 + E8m.7	241 539		E8 + E8m.7	241 532
	E10 + E10m.12 + E5.2	241 540		E10 + E10m.12 + E5.2	241 533
	E12 + E6.2(12m.10) + E6.2	240 160		E12 + E6.2(12m.10) + E6.2	240 061
	E14 + E14/12 + E7.2	241 541		E14 + E14/12 + E7.2	241 534
	E16 + E8.2	241 542		E16 + E8.2	241 535
	E18 + E9.2	241 543		E18 + E9.2	241 536
3	Bolt	222 152	32	Motor take-down + comb	214 279
5	Toothed belt	240 065	33	Pivot lever on the right	238 337
6	Eccentric pin	222 320	34	Pivot lever on the left	238 338
8	Flange	207 695	35	Guide plate	240 032
9	Shaft long	213 968	36	Clamping plate	227 159
12	Drive shaft comb complete	214 583	500	Cap screw M6X16	020 135
14	Timing belt pulley at the bottom complete	211 822	505	Cap screw M8X20	020 141
15	Timing belt pulley at the top complete	211 823	509	Hexagon screw M6X16	020 356
19	Threaded rod M5	240 057	524	Locking ring 17x1	023 299
22	Proximity switch at the top complete	231 516	530	Tension spring 8x1x45	022 158
23	Proximity switch at the bottom complete	231 520	532	Shim 0.2x12x27	023 735
28	Comb guide on the left	240 110	534	Shim 0.5x12x27	023 736
29	Comb guide on the right	240 109			



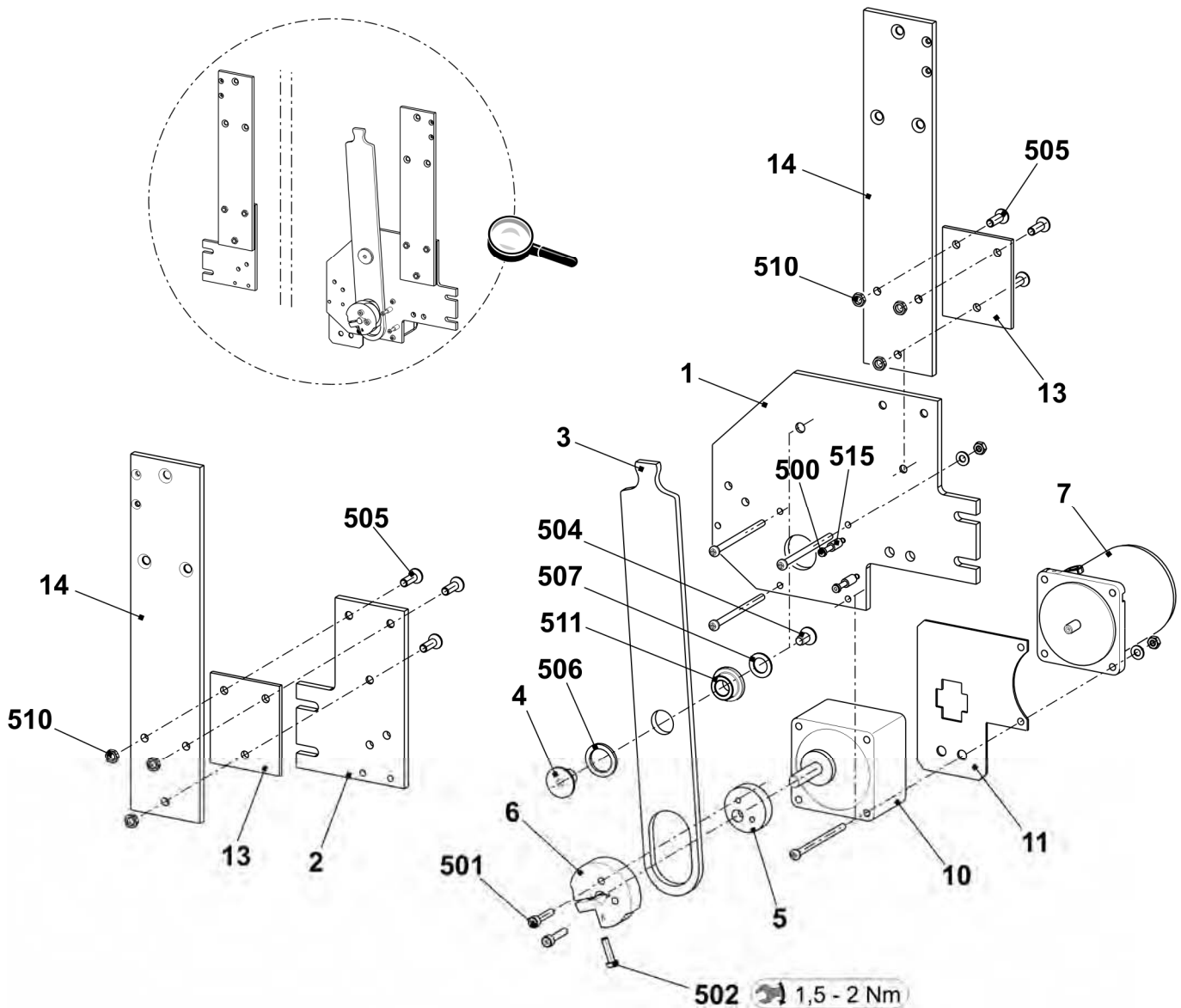
Comb unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Comb unit		3	Body	
	E5 + E5m.4 + E2,5.2	241 530		E10 + E10m.12 + E5.2	230 094
	E7 + E7m.5 + E7m.8 + E3,5.2	241 531		E12 + E6.2(12m.10) + E6.2	230 094
	E8 + E8m.7	241 532		E14 + E14/12 + E7.2	230 094
	E10 + E10m.12 + E5.2	241 533		E16 + E8.2	230 095
	E12 + E6.2(12m.10) + E6.2	240 061		E18 + E9.2	230 095
	E14 + E14/12 + E7.2	241 534			
	E16 + E8.2	241 535	4	Cover rail	213 428
	E18 + E9.2	241 536	5	Hook slider	220 995
1	Hook bed			E5 + E5m.4 + E2,5.2	220 995
	E5 + E5m.4 + E2,5.2	221 193		E7 + E7m.5 + E7m.8 + E3,5.2	220 993
	E7 + E7m.5 + E7m.8 + E3,5.2	221 194		E8 + E8m.7	220 994
	E8 + E8m.7	221 195		E10 + E10m.12 + E5.2	220 996
	E10 + E10m.12 + E5.2	221 196		E12 + E6.2(12m.10) + E6.2	220 994
	E12 + E6.2(12m.10) + E6.2	221 197		E14 + E14/12 + E7.2	220 993
	E14 + E14/12 + E7.2	221 198		E16 + E8.2	220 994
	E16 + E8.2	221 199		E18 + E9.2	220 997
	E18 + E9.2	221 200	7	Collar bolt complete	211 036
2	Closer		8	Cross slider	213 429
	E5 + E5m.4 + E2,5.2	230 105	9	Cover rail	222 866
	E7 + E7m.5 + E7m.8 + E3,5.2	230 105	10	Drive box	205 678
	E8 + E8m.7	230 105	11	Switch lever complete	240 060
	E10 + E10m.12 + E5.2	230 106	12	Ramp	221 269
	E12 + E6.2(12m.10) + E6.2	230 106	15	Stabilizer	215 253
	E14 + E14/12 + E7.2	230 106	500	Cap screw M4x50	023 102
	E16 + E8.2	230 107	502	Countersunk head screw M5x12	023 340
	E18 + E9.2	230 107	504	Hexagon nut M4-8	023 046
3	Body		505	Hexagon nut M5-04	020 854
	E5 + E5m.4 + E2,5.2	230 093	508	Washer 5-200	020 871
	E7 + E7m.5 + E7m.8 + E3,5.2	230 093	510	Cap screw M4x35	023 550
	E8 + E8m.7	230 093	511	Circlip	022 774
			512	Countersunk head screw M3x10	020 288



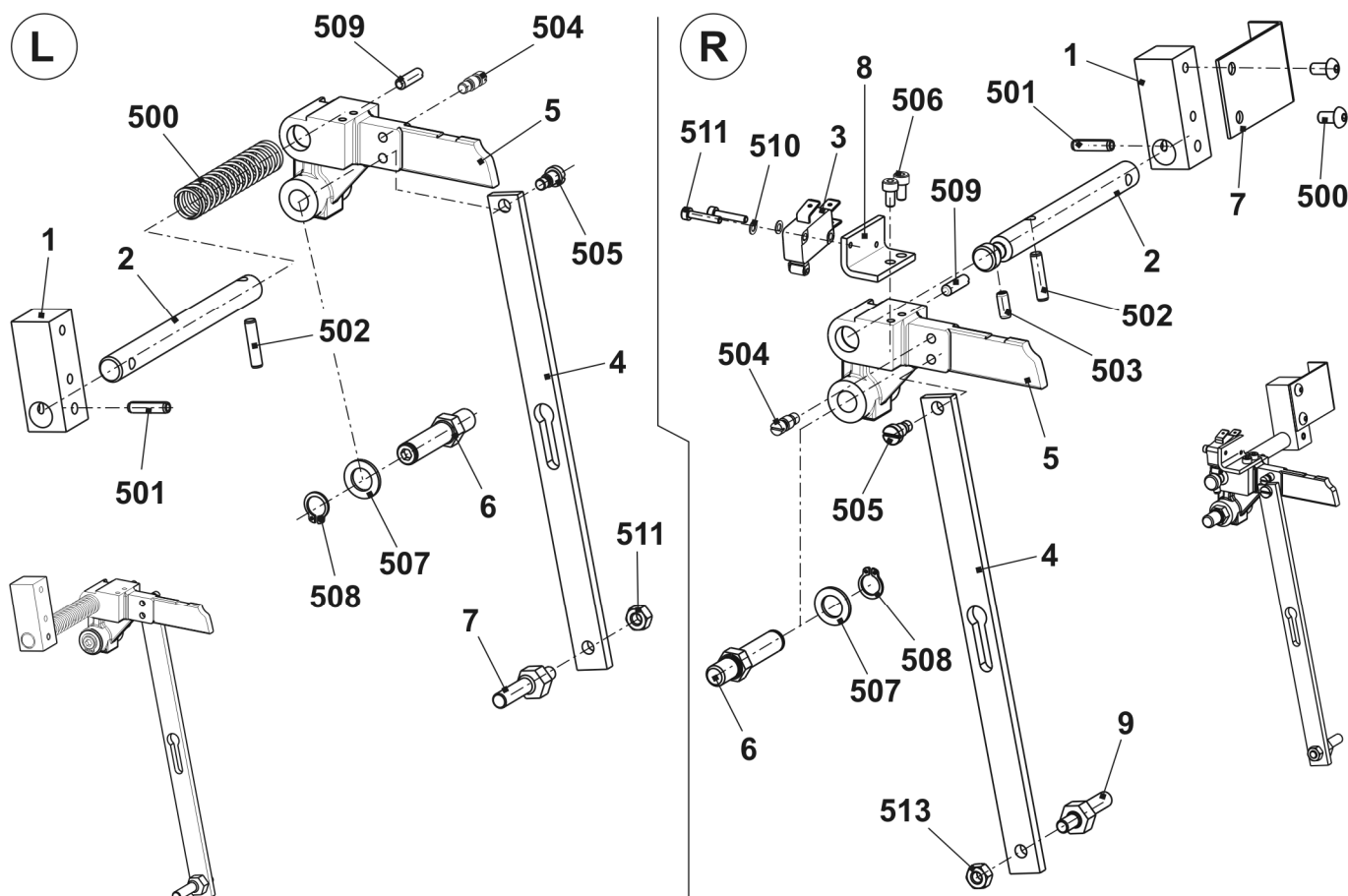
Switch lever comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Switch lever complete	240 060	10	Gear 2GN50K	213 986
1	Screwing plate on the right	240 058	11	Cable holder	215 543
2	Screwing plate on the left	240 059	13	Intermediate plate	213 980
3	Lever	215 228	14	Retaining plate	218 977
4	Bearing bolt	215 675	500	Cap screw M3x25	023 093
5	Eccentric	205 681	501	Cap screw M4x20	023 171
6	Tension lifter	215 287	502	Cap screw M4x16	023 123
7	Motor comb hook 515	213 872			



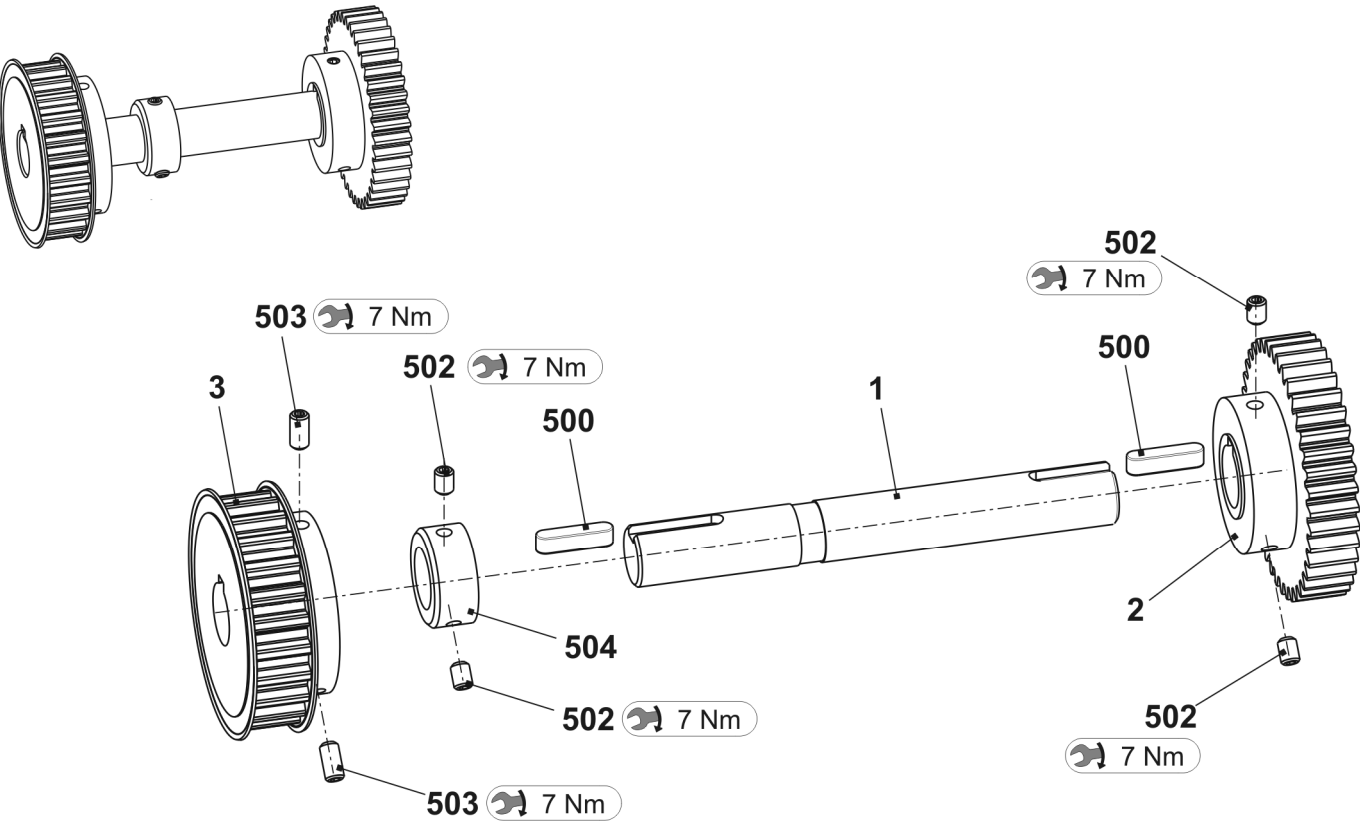
Pivot lever comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Pivot lever on the left	238 338	Σ R	Pivot lever on the right	238 337
1	Support	224 004	1	Support	224 004
2	Shaft	223 994	2	Shaft	238 339
4	Drive box	241 964	3	Microswitch	026 259
5	Pivot lever	239 248	4	Drive box	241 964
6	Bolt	214 053	5	Pivot lever	239 248
7	Eccentric bolt	243 225	6	Bolt	214 053
500	Compression spring 1.4x13.6x93	023 572	7	Angle	224 009
501	Spring dowel sleeve ISO8752-5x20	020 794	8	Angle	238 304
502	Dowel pin 5x22	023 716	9	Eccentric bolt	243 225
504	Cap screw M5x11x17	204 318	500	Countersunk screw M5x10	023 247
505	Shoulder screw M5x5.8x6.2	023 365	501	Spring dowel sleeve 5x20	020 794
507	Washer 10-200	020 884	502	Dowel pin 5x22	023 716
508	Locking ring	020 950	503	Spring dowel sleeve 5x12	020 793
509	Shoulder screw M5x12x18	020 539	504	Cap screw M5x11x17	204 318
511	Hexagon nut M6-6	022 899	505	Shoulder screw M5x5.8x6.2	023 365
			506	Cap screw M4x8	022 501
			507	Washer 10-200	020 884
			508	Locking ring 10x1	020 950
			509	Cap screw M5x12x18	020 539
			510	Cap screw M3x16	022 583
			511	Washer 3-200	020 877
			513	Hexagon nut M6-6	022 899

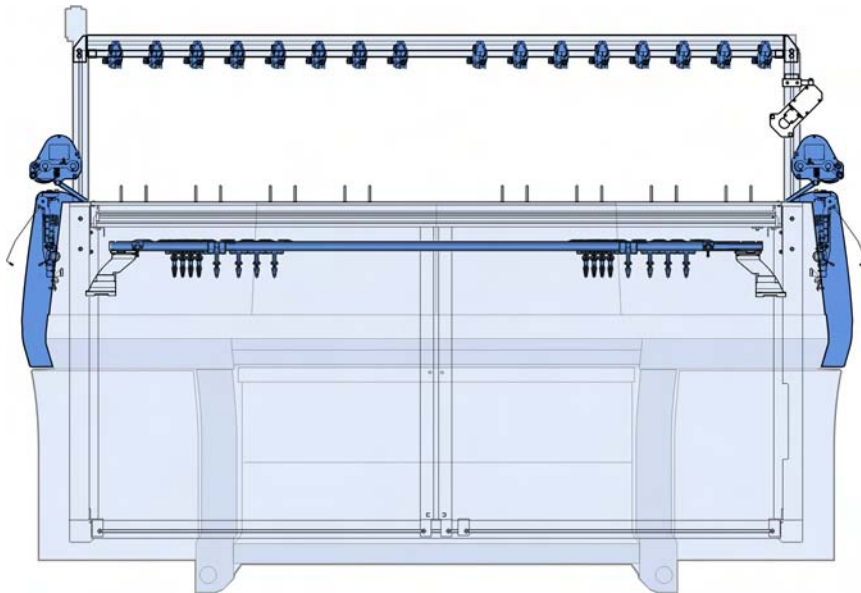


Drive shaft of comb complete

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive shaft of comb	214 583			
1	Shaft	213 969	500	Feather key A 6x6x25	023 017
2	Gear wheel z=40, m=2	213 744	502	Set screw M6x8	022 684
	Always order pos. 502 additionally		503	Set screw M6x12	023 898
3	Timing belt pulley at the top	206 394	504	Set collar	020 938
	Always order pos. 503 additionally				

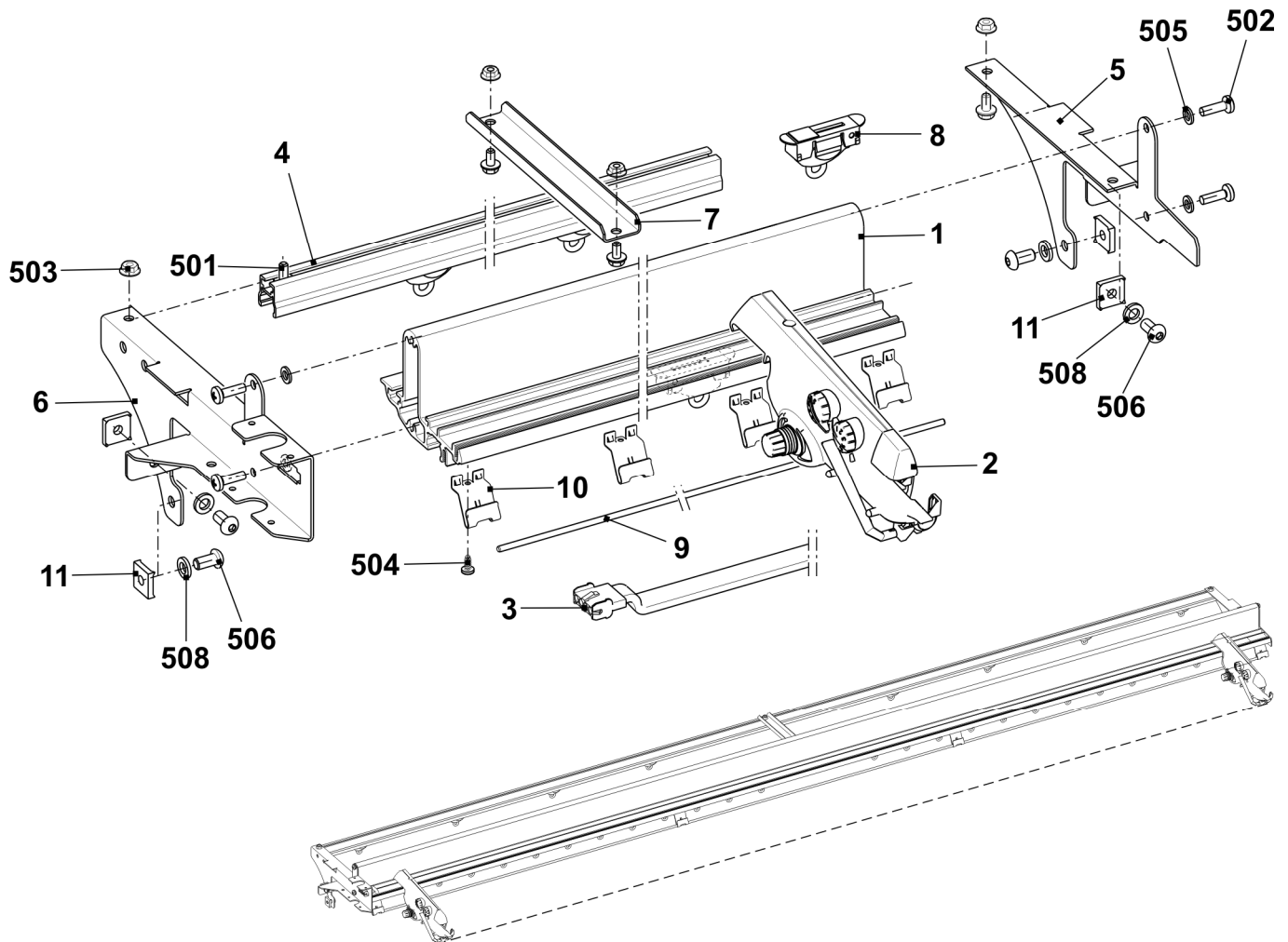


Yarn delivery device



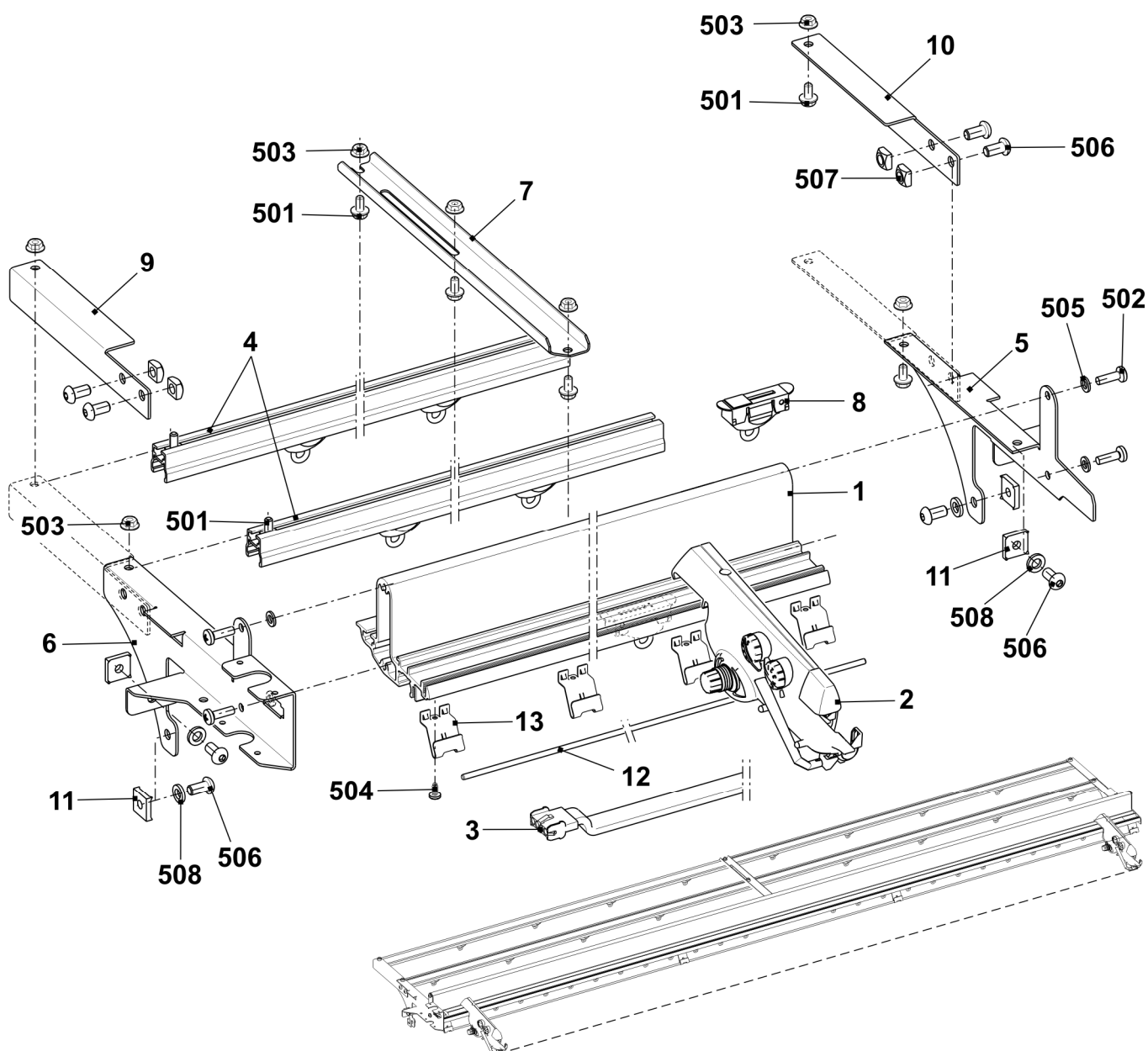
Yarn guide system from 10 to 16 FKE

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide system with 16 FKE	241 550			
1	Support	240 323	10	Rod holder	238 274
2	Yarn control device (FKE)	237 124	11	Sliding block	228 851
3	Connection cable FKE-3 50"	239 710	501	Ratchet screw M6X12	023 415
4	Yarn guide bar	240 324	502	Screw M6x20	023 721
5	Support on the right	243 782	503	Ripp safety nut M6-10	023 414
6	Support on the left	243 781	504	Sheet metal screw ST4.2x9.5-F	243 075
7	Support	243 792	505	Washer 6-200	022 431
8	Yarn guide bracket complete	241 581	506	Countersunk screw M8x16	023 113
9	Wire 5.0x2467mm	236 434	508	Serrated lock washer	023 388



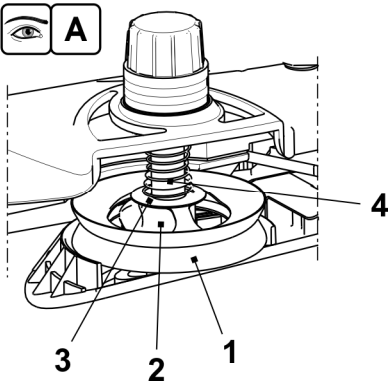
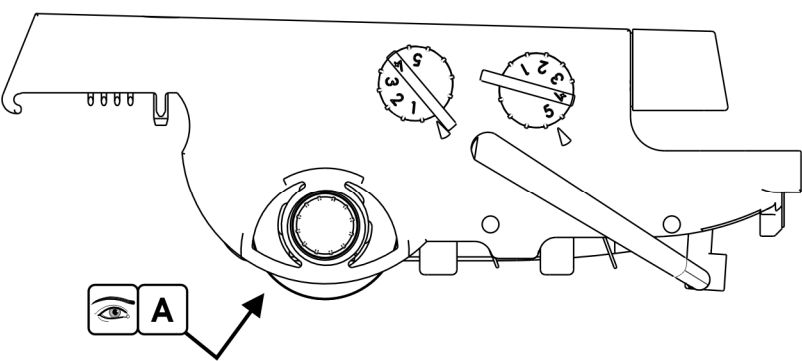
Yarn guide system from 18 to 24 FKE

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide system with 24 FKE	241 549	11	Sliding block	228 851
1	Support	240 323	12	Wire 5.0x2467mm	236 434
2	Yarn control device (FKE)	237 124	13	Rod holder	238 274
3	Connection cable FKE-3 50"	239 710	501	Ratchet screw M6X12	023 415
4	Yarn guide bar	240 324	502	Screw M6x20	023 721
5	Support on the right	243 782	503	Ripp safety nut M6-10	023 414
6	Support on the left	243 781	504	Sheet metal screw ST4.2x9.5-F	243 075
7	Support	239 295	505	Washer 6-200	022 431
8	Yarn guide bracket complete	241 581	506	Countersunk screw M8x16	023 113
9	Support on the left	243 602	507	Square nut M8	023 269
10	Support on the right	243 603	508	Serrated lock washer	023 388



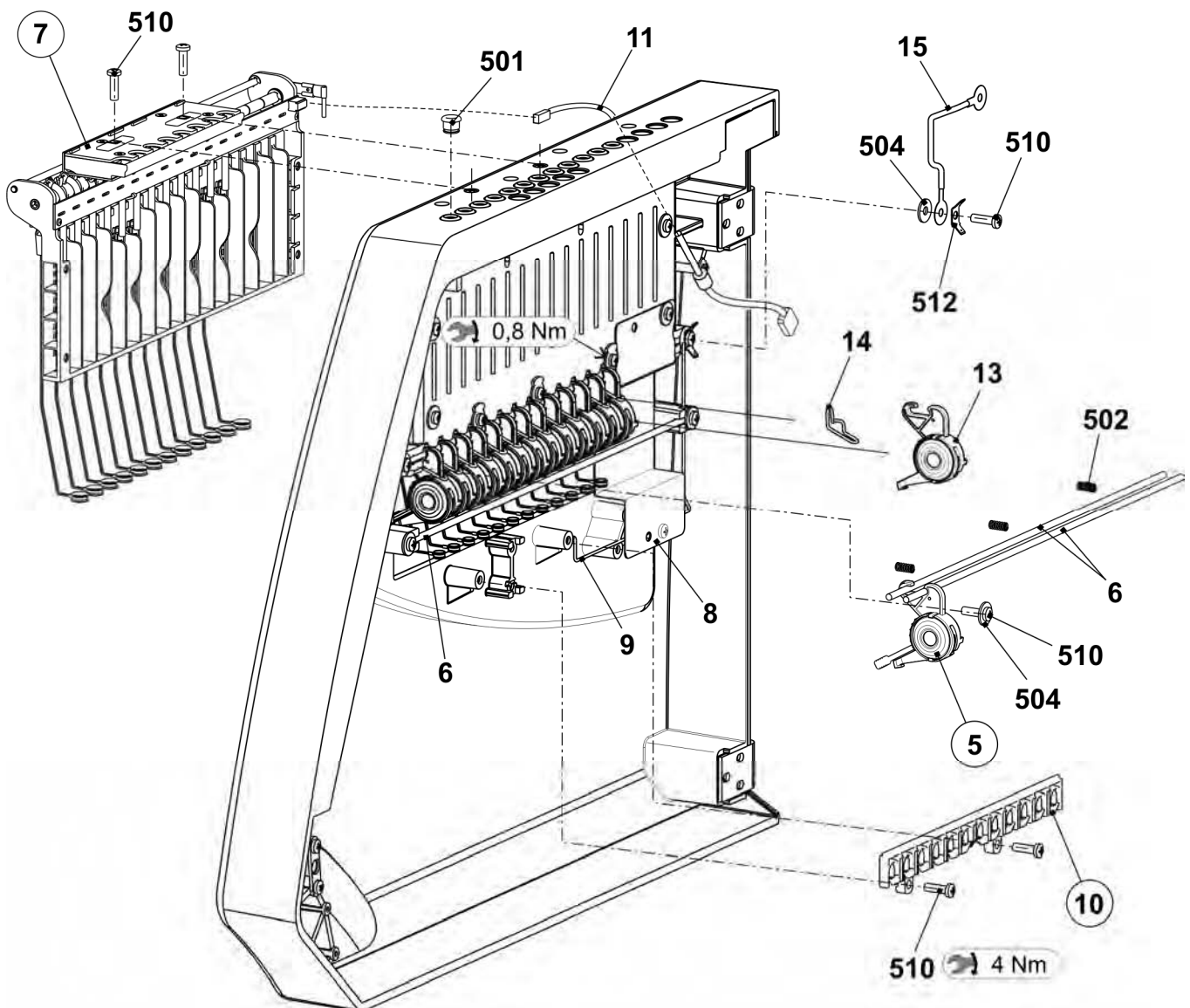
Yarn control unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn control unit	237 124	3	Disc	216 372
1	Yarn brake settings	216 365	4	Compression spring	244 488
2	Porcelain eyelet of thread brake	244 407			



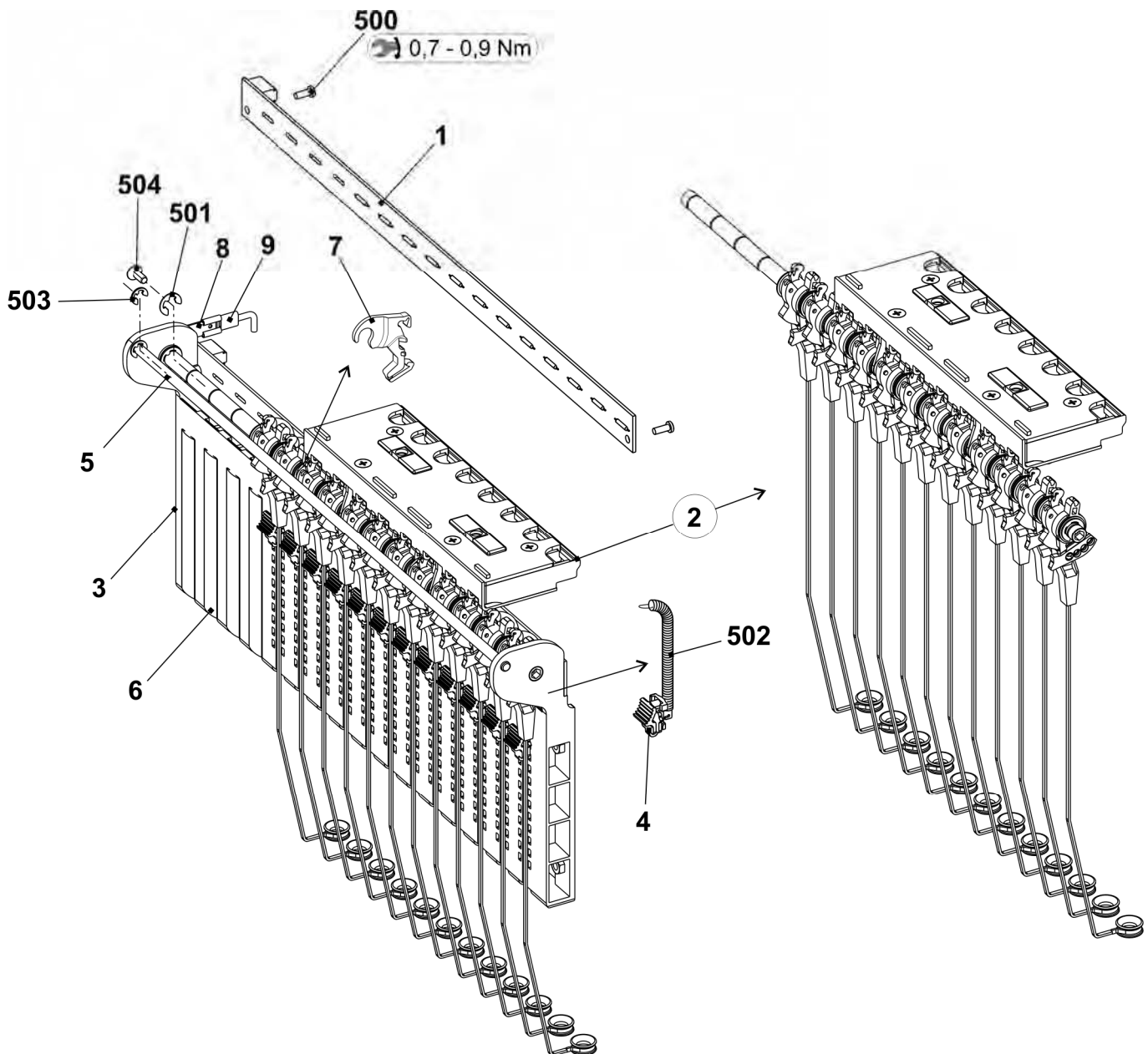
Left yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left safety cover with fittings and lateral yarn guide		9	Wire bow on the left	241 370
	E3 - E5	241 271	10	Yarn deflector	242 011
	E7 - E8	241 272	11	Connection cable slack tensioner OKC	240 808
	E10 - E18	241 273	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left complete		501	Ceramic eyelet	240 640
	E3 - E5	241 363	502	Compression spring 0.90x5.40x13.60	241 360
	E7 - E8	241 364	504	Washer	022 537
	E10 - E18	241 365	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



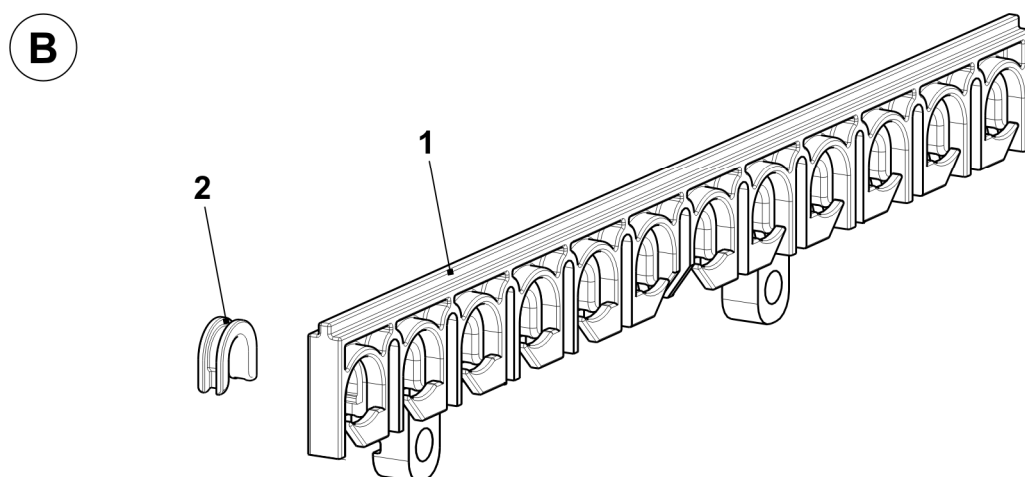
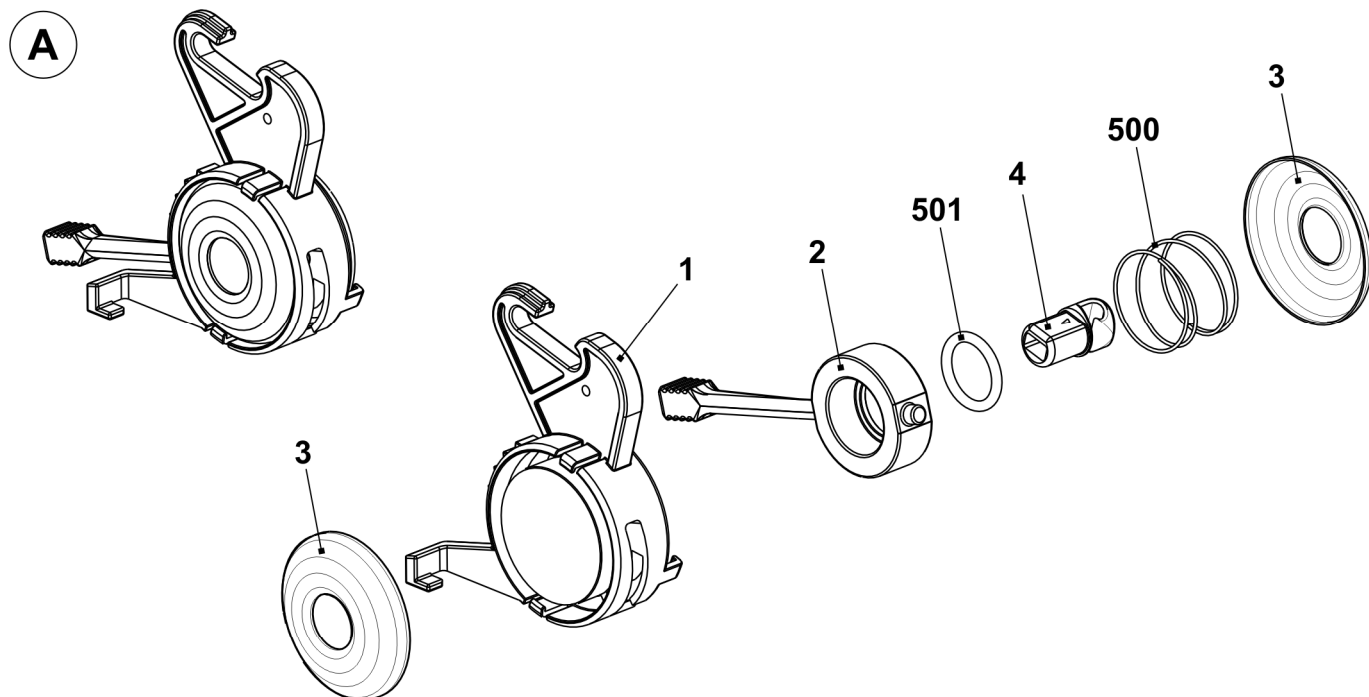
Left yarn tensioner

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the left		6	Cover	242 268
	E3 – E5	241 363	7	Spacer	242 048
	E7 – E8	241 364	8	Grounding sheet metal of tension axle	243 121
	E10 – E18	241 365	9	Ground cable slack tensioner OKC	243 105
1	Card slack tensioner 16-fold on the left	241 345	500	Screw KB 30x8	236 228
2	Tension axle on the left complete		501	Circlip	021 022
	E3 – E8	241 366	502	Tension spring 5,05x0,55x53 (E3-E5)	023 502
	E10 – E18	241 381		Tension spring 4,9x0,5x53 (E7-E8)	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 (E10-E18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



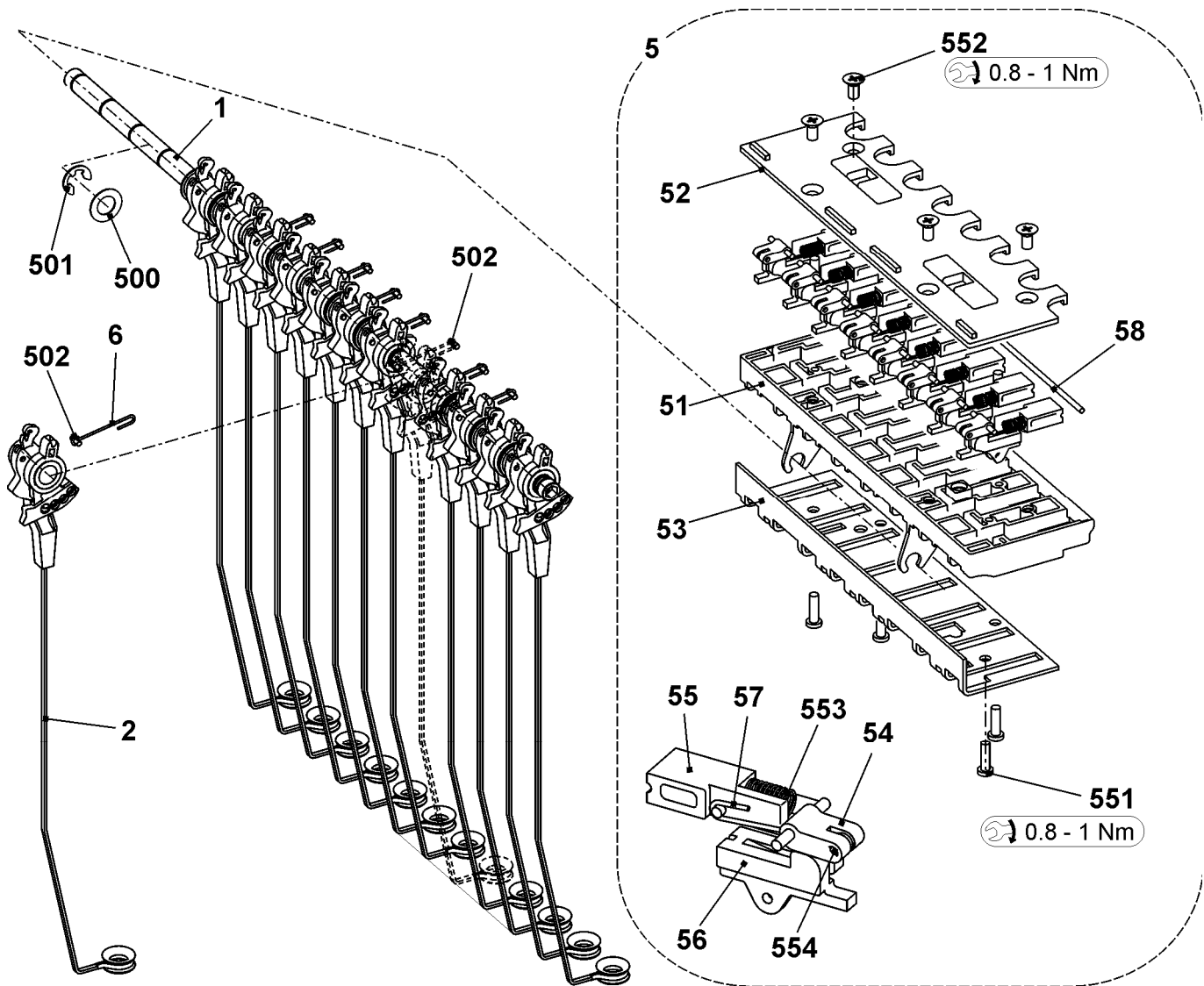
Yarn brake and yarn deflector

Pos	Designation	Ident No	Pos	Designation	Ident No
A	Yarn brake complete	244 347	B	Yarn deflector	242 011
1	Support	240 607	1	Support yarn deflector	242 009
2	Slider	240 606	2	Ceramic eyelet open	240 733
3	Brake setting	244 355			
4	Ceramic eyelet open	243 778			
500	Compression spring 0.65x20.15x14.80	241 361			
501	O-ring 11x2	241 434			



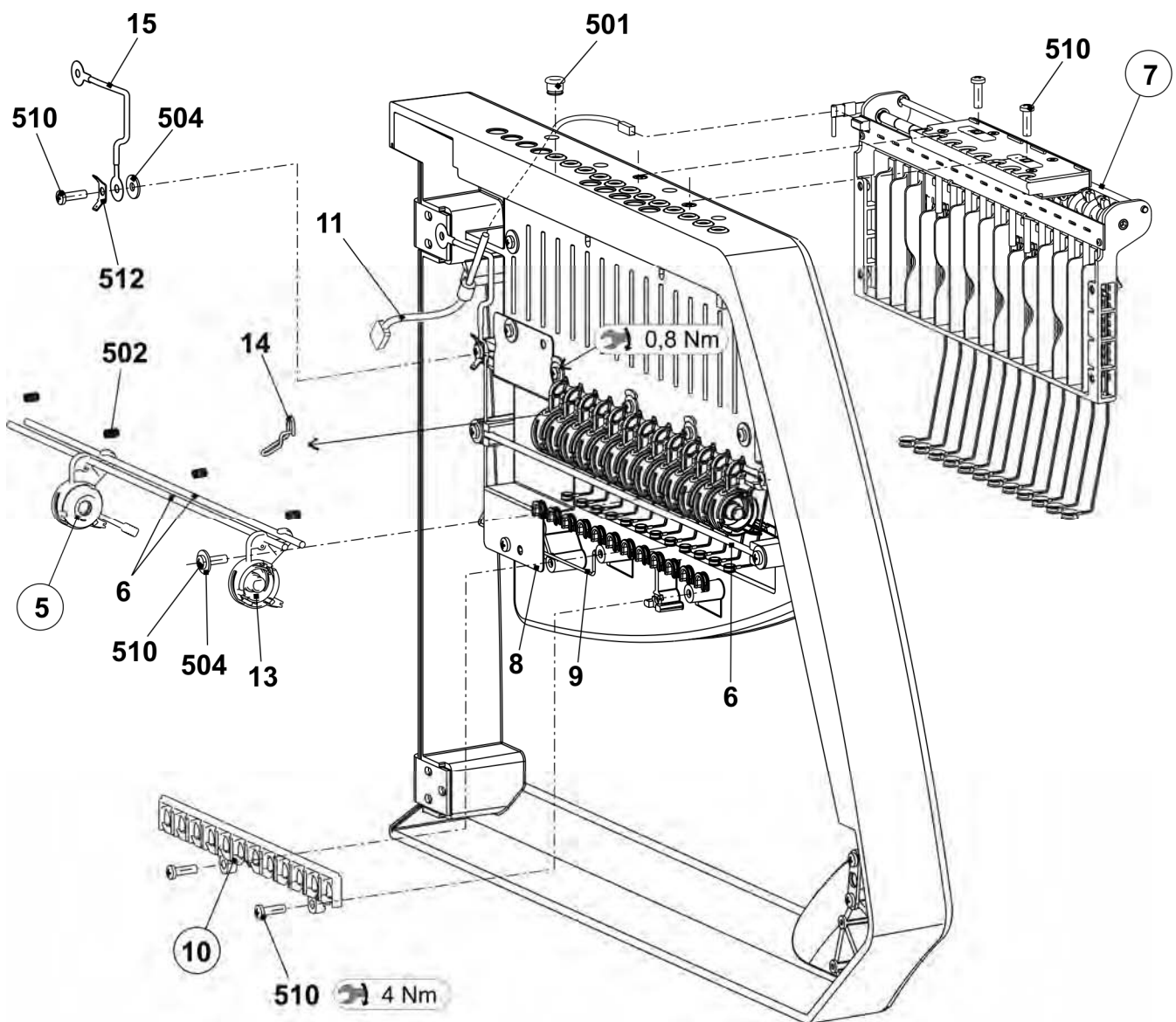
Left tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension axle on the left complete		5	Thread clamp AKF	238 695
	E3 – E8	241 366	51	Housing AKF	238 689
	E10 – E18	241 381	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (Housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E3 – E8	242 770	55	Thrust piece AKF	238 690
	E10 – E18	242 771	56	Slider AKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Adjusting washer 8x14x0.5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



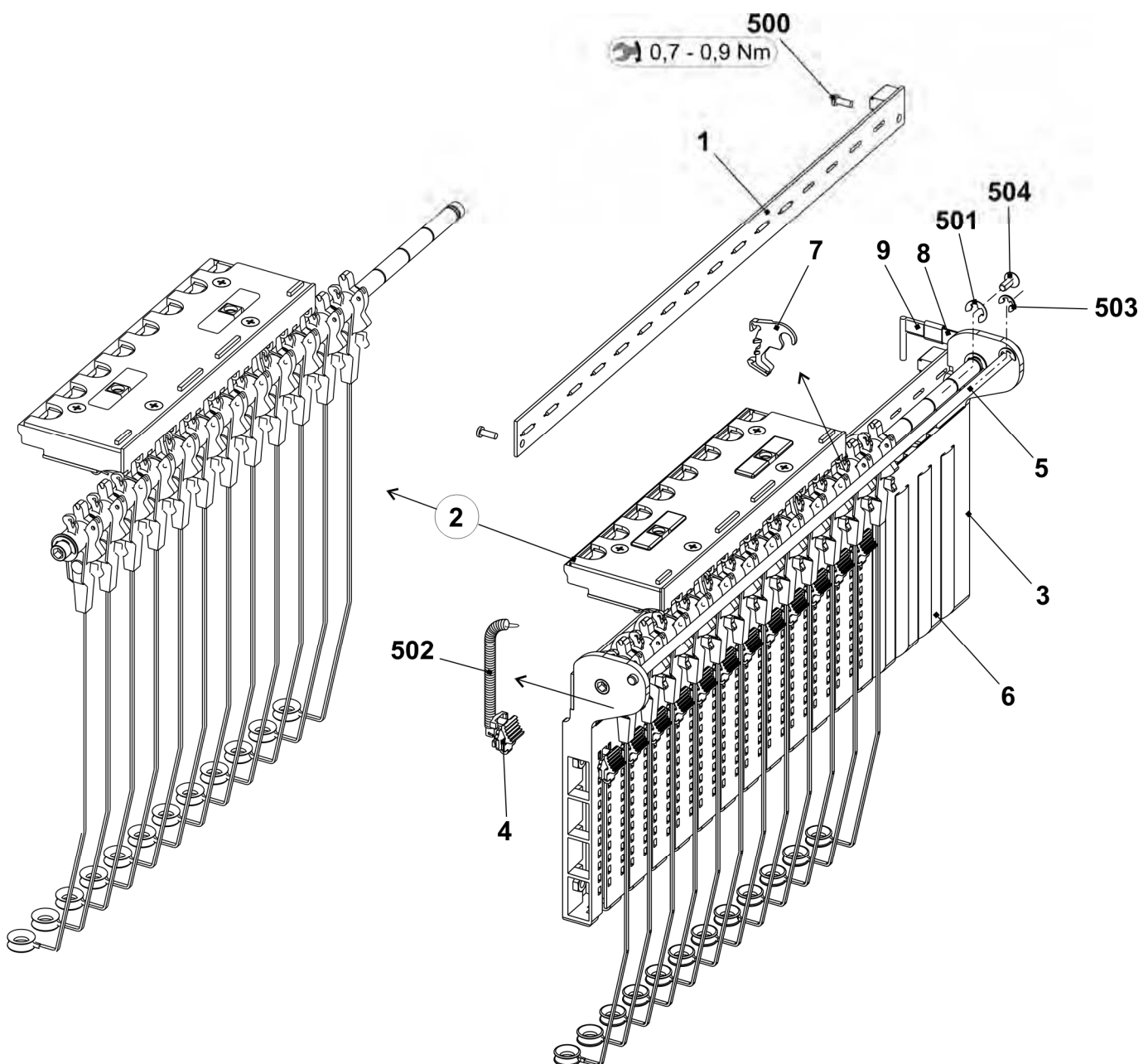
Right yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Right safety cover with fittings and lateral yarn guide		9	Wire bow on the right	241 369
	E3 - E5	241 274	10	Yarn deflector	242 011
	E7 - E8	241 275	11	Connection cable slack tensioner OKC	240 808
	E10 - E18	241 276	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete		501	Ceramic eyelet	240 640
	E3 - E5	241 382	502	Compression spring 0.90x5.40x13.60	241 360
	E7 - E8	241 383	504	Washer	022 537
	E10 - E18	241 384	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



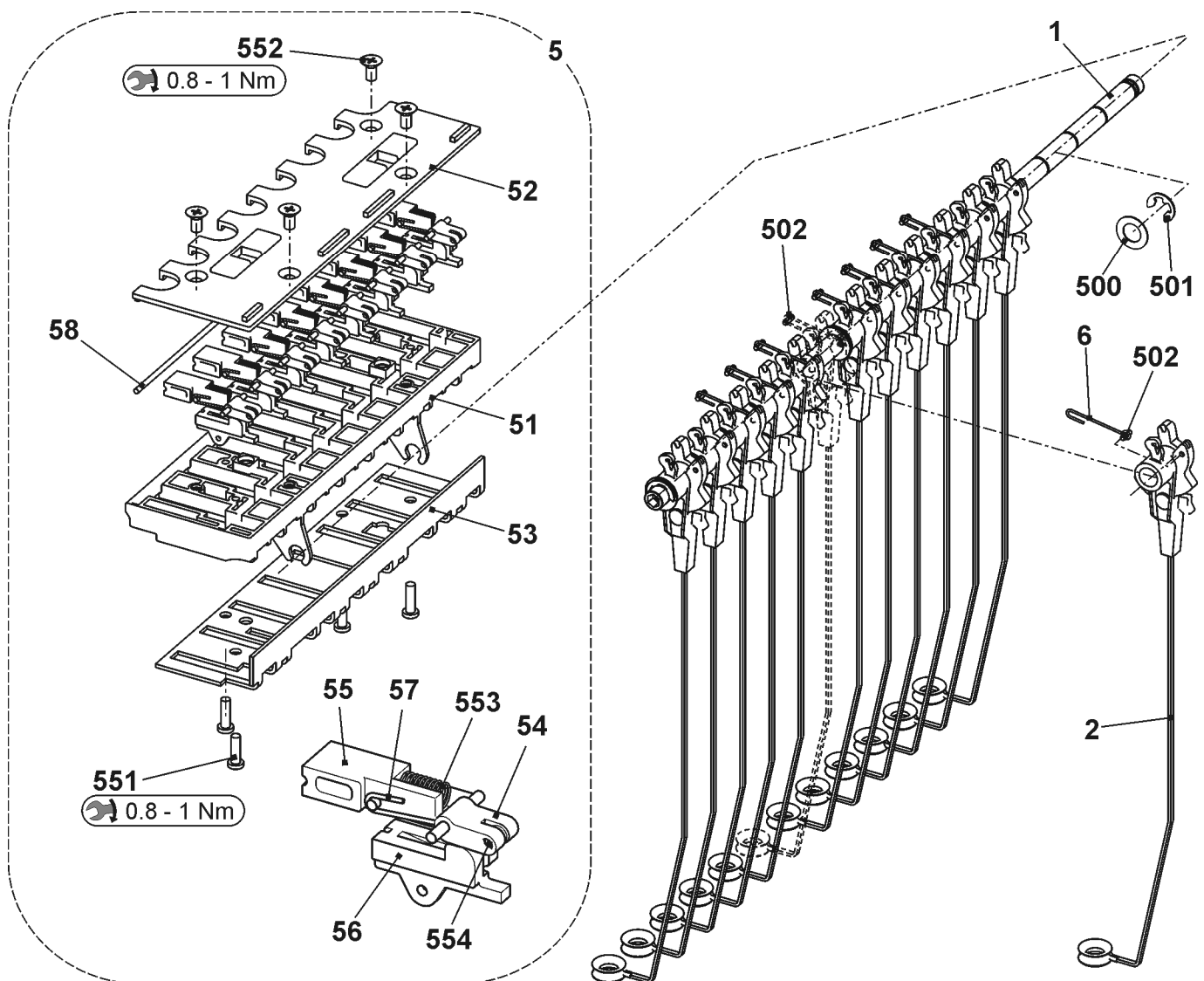
Right yarn tensioners

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the right		6	Cover	242 268
	E3 – E5	241 382	7	Spacer	242 048
	E7 – E8	241 383	8	Grounding sheet metal of tension axle	243 121
	E10 – E18	241 384	9	Ground cable slack tensioner OKC	243 105
1	Card slack tensioner 16-fold on the right	241 346	500	Screw KB 30x8	236 228
2	Tension axle on the right complete		501	Circlip	021 022
	E3 – E8	241 379	502	Tension spring 5,05x0,55x53 (E3-E5)	023 502
	E10 – E18	241 380		Tension spring 4,9x0,5x53 (E7-E8)	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 (E10-E18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



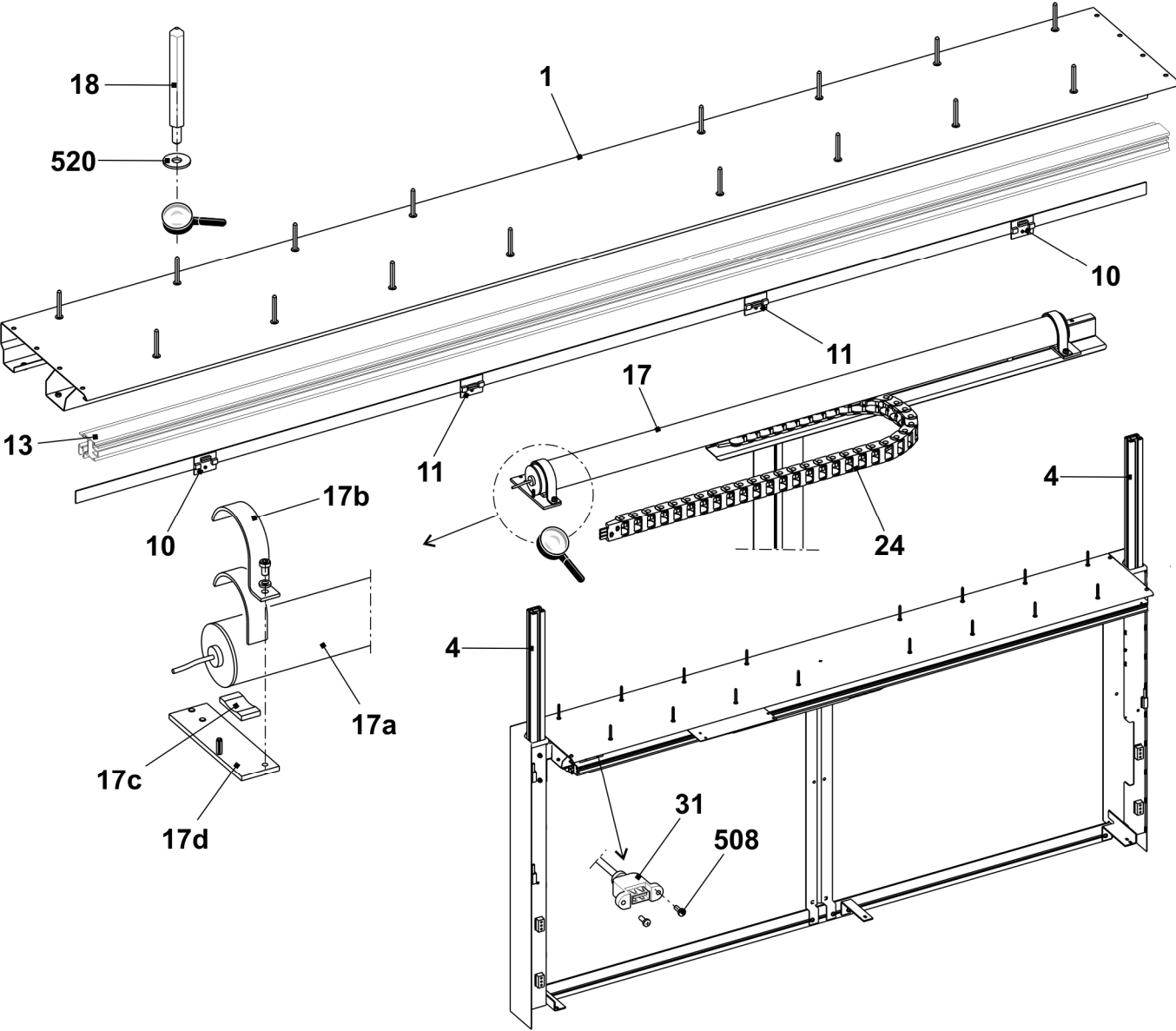
Right tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension axle on the right complete		5	Thread clamp AKF	238 695
	E3 – E8	241 379	51	Housing AKF	238 689
	E10 – E18	241 380	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (Housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E3 – E8	242 770	55	Thrust piece AKF	238 690
	E10 – E18	242 771	56	Slider AKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Adjusting washer 8x14x0.5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



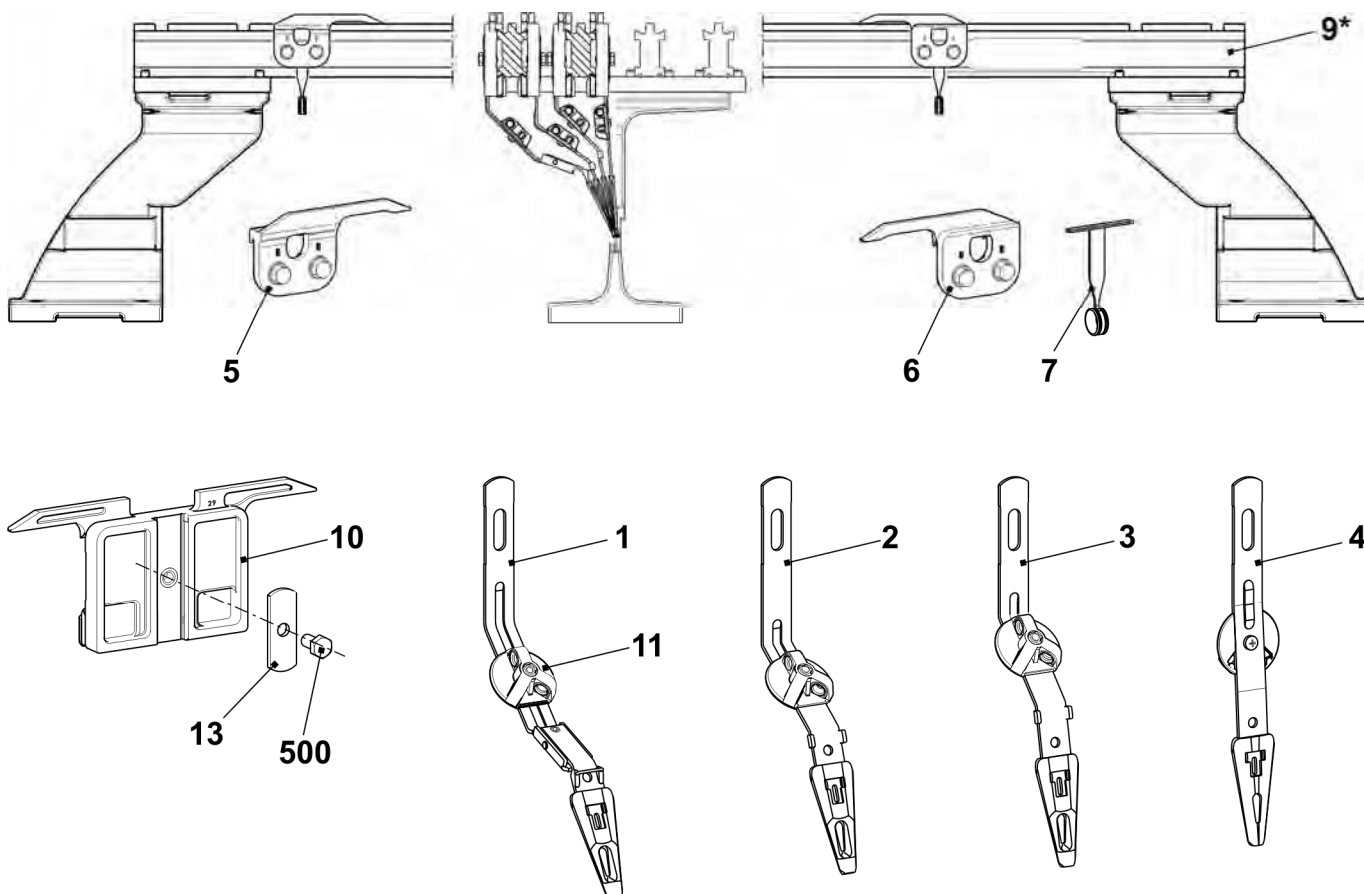
Bobbin board

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Table complete 50"	240 241	18	Positioning pin	204 819
1	Table	240 260	24	Energy chain display (38 links)	235 518
4	Support element	228 594	31	Cable USB extension okc	240 317
10	Magnet switch protective hood	219 983		USB support	242 461
11	Magnet switch protective hood	220 159	508	Countersunk screw M3x8	023 251
13	Guide rail at the top complete	240 251	520	Washer	020 901
17	Lamp at the top complete	222 509			
17a	Lamp 230 V 50/60 Hz	205 546			
17b	Clamping bow	209 504			
17c	Cellular caoutchouc 40x20	208 018			
17d	Lamp support	221 951			



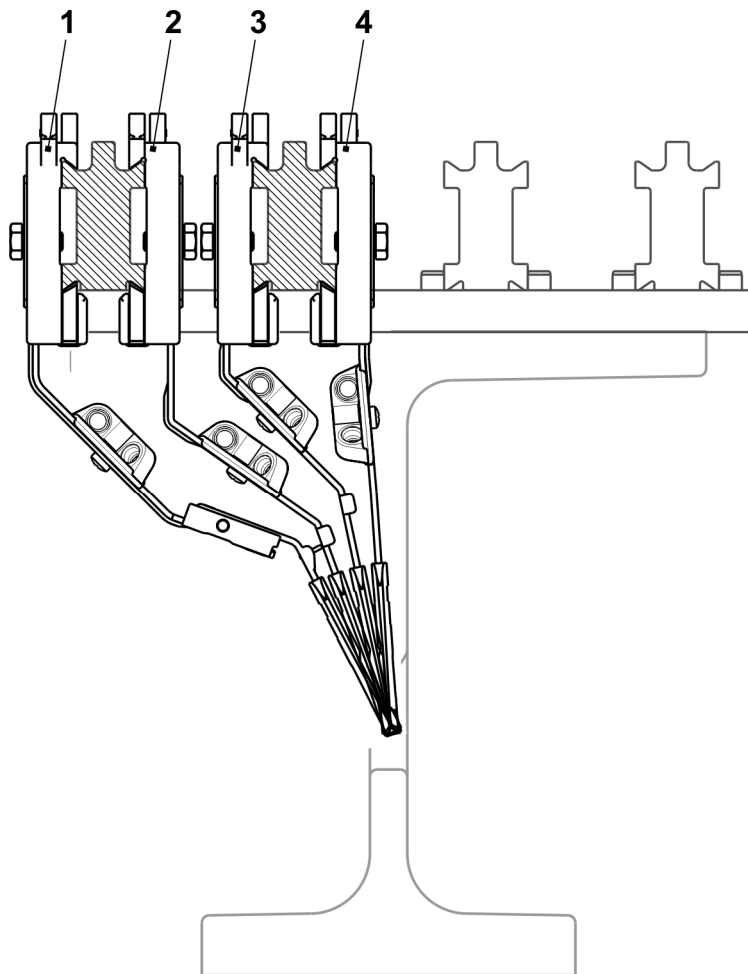
Yarn carrier and guide rails

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E5	244 007	E5, E5m.4 + E7m.5, E2,5.2 + E3,5.2 +E5.2		
	Yarn guide complete E7 – E8	244 008	1	YC bow 1+8 complete E5	212 990
	Yarn guide complete E10 – E14	244 009	2	YC bow 2+7 complete E5	212 992
	Yarn guide complete E16 – E18	244 002	3	YC bow 3+6 complete E5	212 991
5	Limiter on the left complete	244 099	4	YC bow 4+5 complete E5	212 993
6	Limiter on the right complete	244 098	E7 + E8, E6.2 + E7.2		
7	Slider with eyelet	230 709	1	YC bow 1+8 complete E7-8	212 892
9	Yarn carrier bar 50"	240 282	2	YC bow 2+7 complete E7-8	212 914
10	YC carriage complete	243 062	3	YC bow 3+6 complete E7-8	212 925
11	Yarn guide wheel complete	209 257	4	YC bow 4+5 complete E7-8	212 910
13	Shim	213 035	E10 - E14, E10m.12 + E14/12, E6.2 (E12M.10) + E8.2		
500	Hexagon screw M5x10	020 351	1	YC bow 1+8 complete E10-14	212 994
			2	YC bow 2+7 complete E10-14	212 996
			3	YC bow 3+6 complete E10-14	212 995
			4	YC bow 4+5 complete E10-14	212 997
			E16 + E18, E9.2		
			1	YC bow 1+8 complete E1-18	223 199
			2	YC bow 2+7 complete E1-18	223 201
			3	YC bow 3+6 complete E1-18	223 200
			4	YC bow 4+5 complete E1-18	223 202



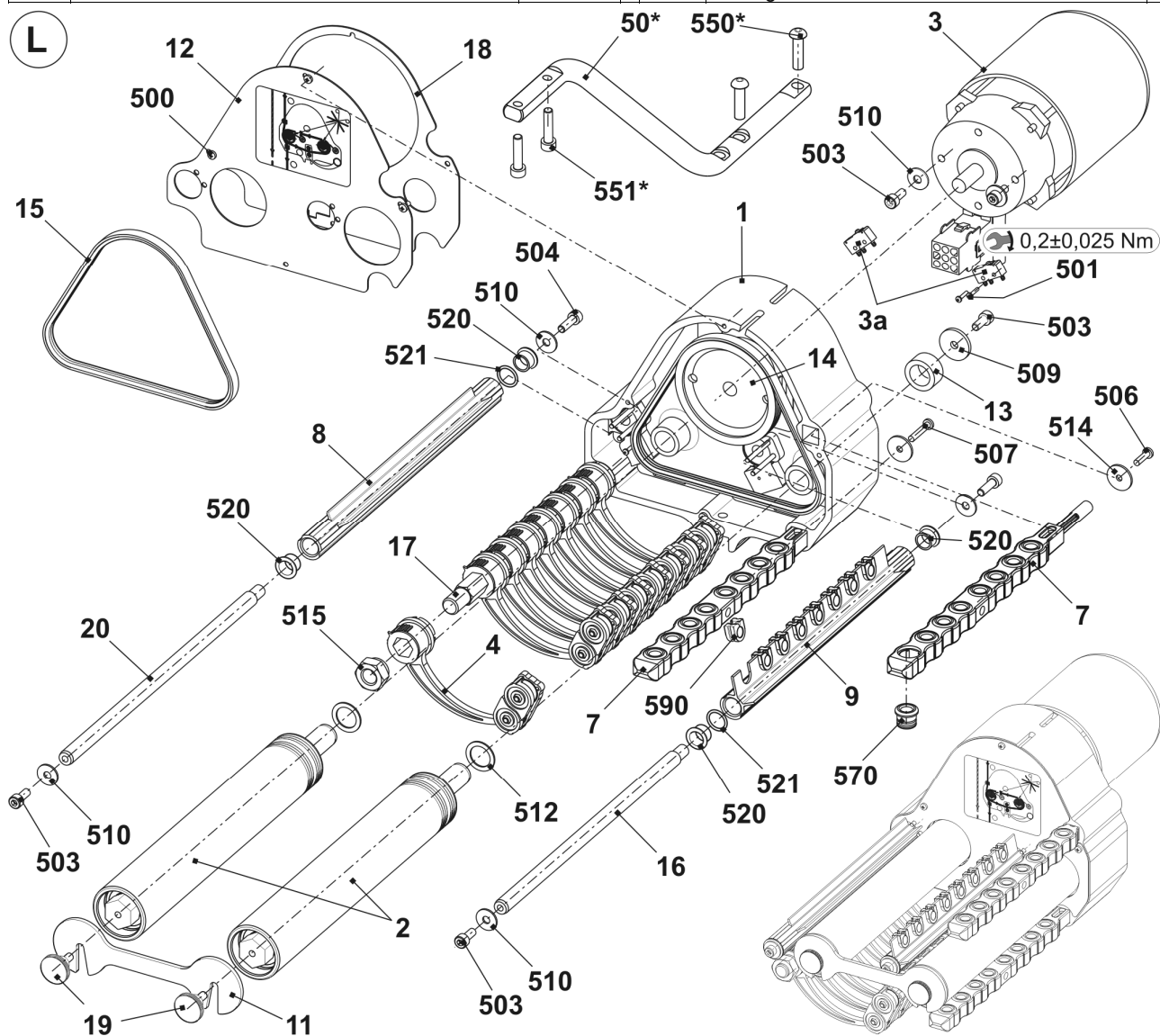
Yarn carriers complete

Pos	Designation	Track	Ident No	Pos	Designation	Track	Ident No
E5, E5m.4 + E7m.5, E2,5.2 + E3,5.2 +E5.2				E10 - E14, E10m.12, E6.2 (E12M.10) + E8.2			
1	YC carriage complete E5	1+8	243 935	1	YC carriage complete E10-14	1+8	243 943
2	YC carriage complete E5	2+7	243 934	2	YC carriage complete E10-14	2+7	243 942
3	YC carriage complete E5	3+6	243 933	3	YC carriage complete E10-14	3+6	243 941
4	YC carriage complete E5	4+5	243 932	4	YC carriage complete E10-14	4+5	243 940
E7 + E8, E6.2 + E7.2 + E7m.8 + E8m.7				E16 + E18			
1	YC carriage complete E7-8	1+8	243 939	1	YC carriage complete E16-18	1+8	243 947
2	YC carriage complete E7-8	2+7	243 938	2	YC carriage complete E16-18	2+7	243 946
3	YC carriage complete E7-8	3+6	243 937	3	YC carriage complete E16-18	3+6	243 945
4	YC carriage complete E7-8	4+5	243 936	4	YC carriage complete E16-18	4+5	243 944



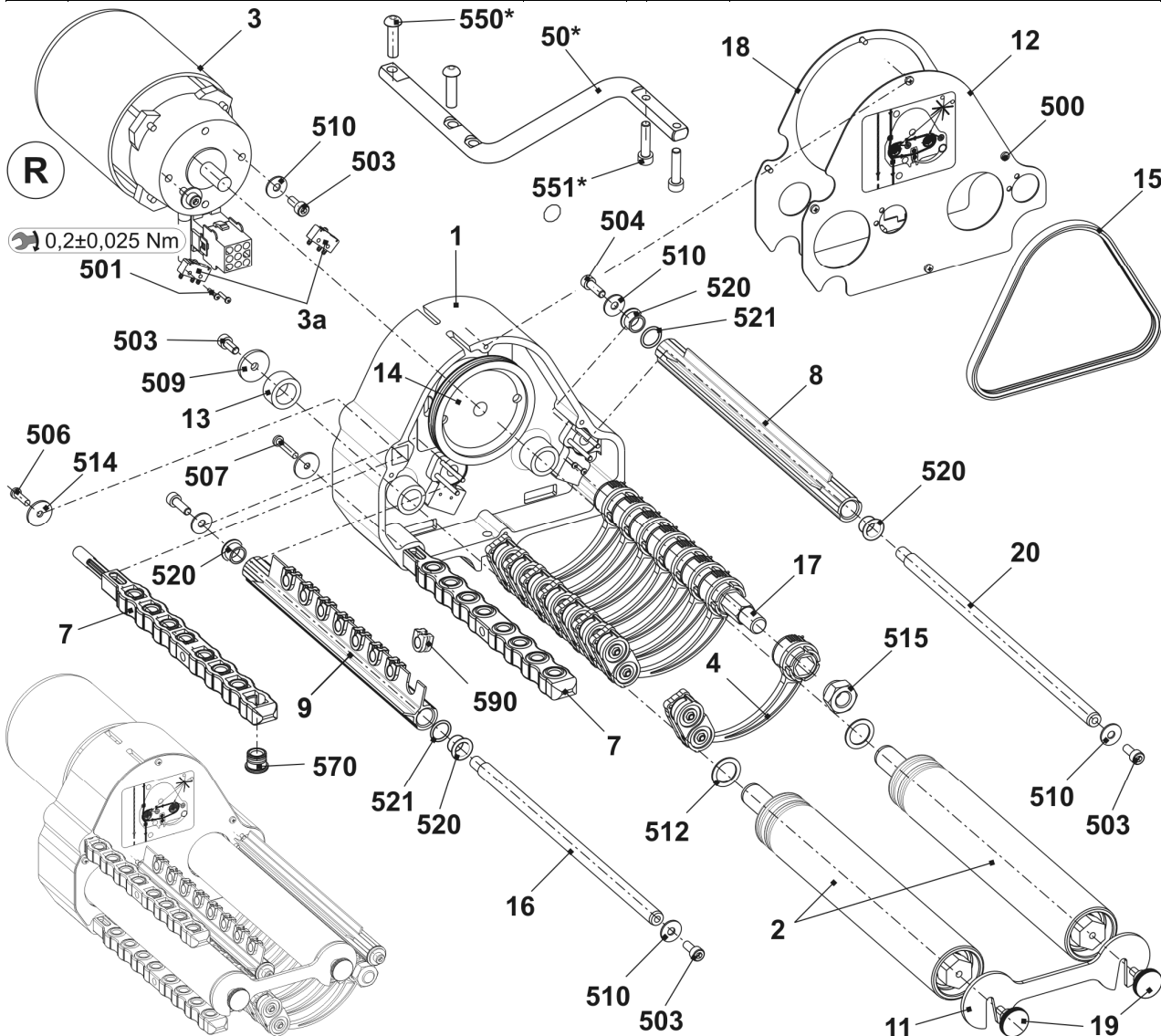
Left friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the left complete	243 571			
1	Housing	240 368	17	Axle	221 291
2	Friction roller complete	231 704	18	Cover	230 758
3	Three-phase AC motor complete	219 800	19	Knurled screw	223 361
3a	Microswitch	008 664	20	Rod	230 658
4	Arm on the left complete	222 793	50*	Support of left feed wheel	243 876
7	Yarn guide rod complete	239 431	550*	Countersunk screw M8x25	023 027
570	Eyelet 8	021 504	551*	Cap screw M6x25	020 137
8	Stop motion rail on the right complete	230 690	500	Screw KB30x8	236 228
9	Stop motion rail on the left complete with eyelets	230 683	501	Screw 20x10	244 736
590	Eyelet	230 662	503	Cap screw M5x12	020 132
520	Slide bearing	023 627	504	Cap screw M5x16	022 726
521	O-ring	244 895	506	Screw KB 40x14	241 358
11	Lug	221 316	507	Screw KB 40x25	241 595
12	Cover	230 759	509	Washer 5.3x22x12.5	023 219
13	Bush	221 391	510	Washer	020 901
14	Ribbed V-belt pulley	221 268	512	Adjusting washer 15x21x1	023 216
15	V-ribbed belt V3J406	206 927	514	Washer 4.3	020 908
16	Rod	221 319	515	Hexagon nut M12-8	236 299



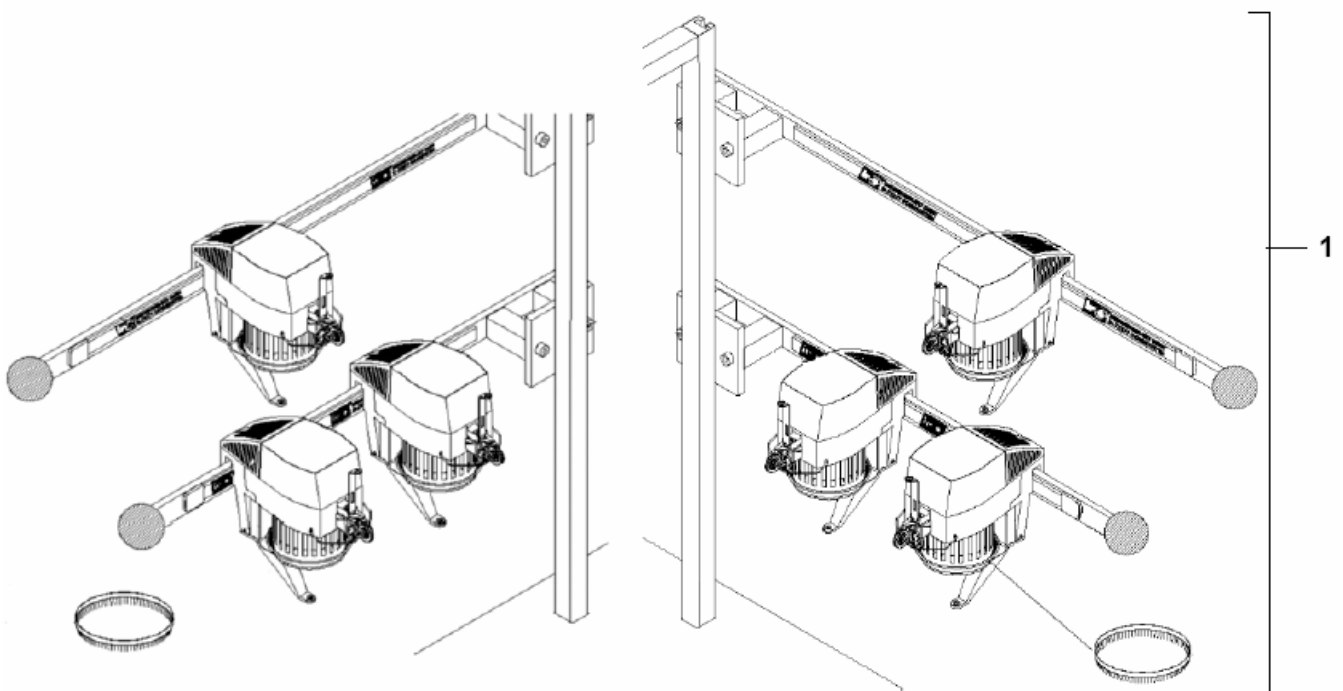
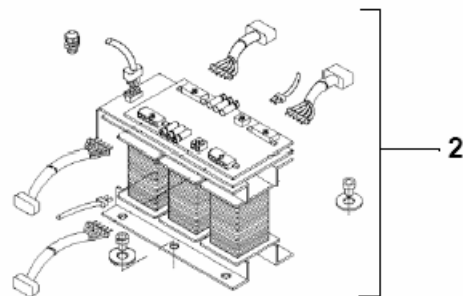
Right friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the right complete	243 572			
1	Housing	240 368	17	Axle	221 291
2	Friction roller complete	231 704	18	Cover	230 758
3	Three-phase AC motor complete	219 800	19	Knurled screw	223 361
3a	Microswitch	008 664	20	Rod	230 658
4	Arm on the right complete	222 832	50*	Support feed wheel on the right	243 890
7	Yarn guide rod complete	239 431	550*	Countersunk screw M8x25	023 027
570	Eyelet 8	021 504	551*	Cap screw M6x25	020 137
8	Stop motion rail on the right complete	230 690	500	Screw KB30x8	236 228
9	Stop motion rail on the right complete with eyelets	230 682	501	Screw 20x10	244 736
590	Eyelet	230 662	503	Cap screw M5x12	020 132
520	Slide bearing	023 627	504	Cap screw M5x16	022 726
521	O-ring	244 895	506	Screw KB 40x14	241 358
11	Lug	221 316	507	Screw KB 40x25	241 595
12	Cover	230 759	509	Washer 5.3x22x12.5	023 219
13	Bush	221 391	510	Washer	020 901
14	Ribbed V-belt pulley	221 268	512	Adjusting washer 15x21x1	023 216
15	V-ribbed belt V3J406	206 927	514	Washer 4.3	020 908
16	Rod	221 319	515	Hexagon nut M12-8	236 299

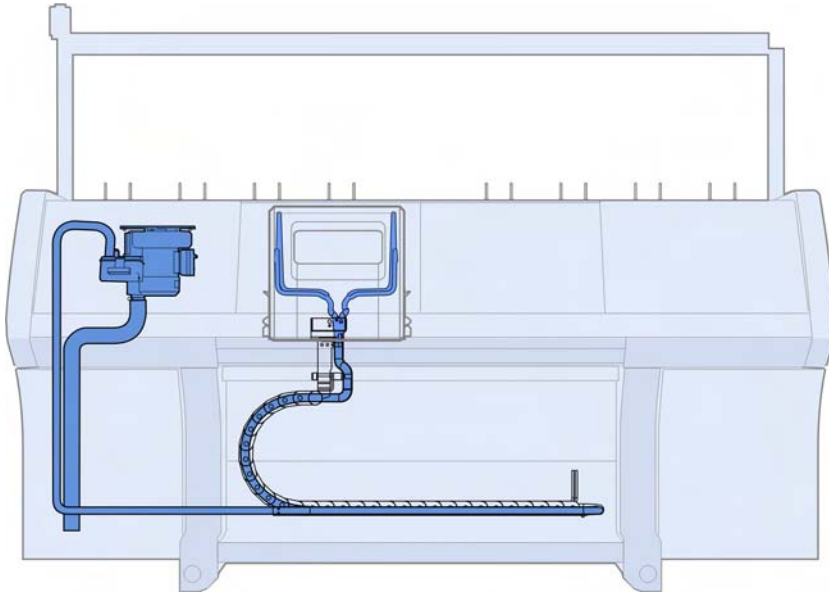


Feed wheel SFE

Pos	Designation	Ident No	Note
Σ	Mounted set storage feed wheel SFE	231 427	Please order the SFE spare parts at: MEMMINGER-IRO GMBH Jakob-Mutz-Strasse 7 D-72280 Dornstetten Phone: +49 (0)7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the SFE spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Mounted set SFE without transformer	231 980	
2	Transfo with cable	231 979	



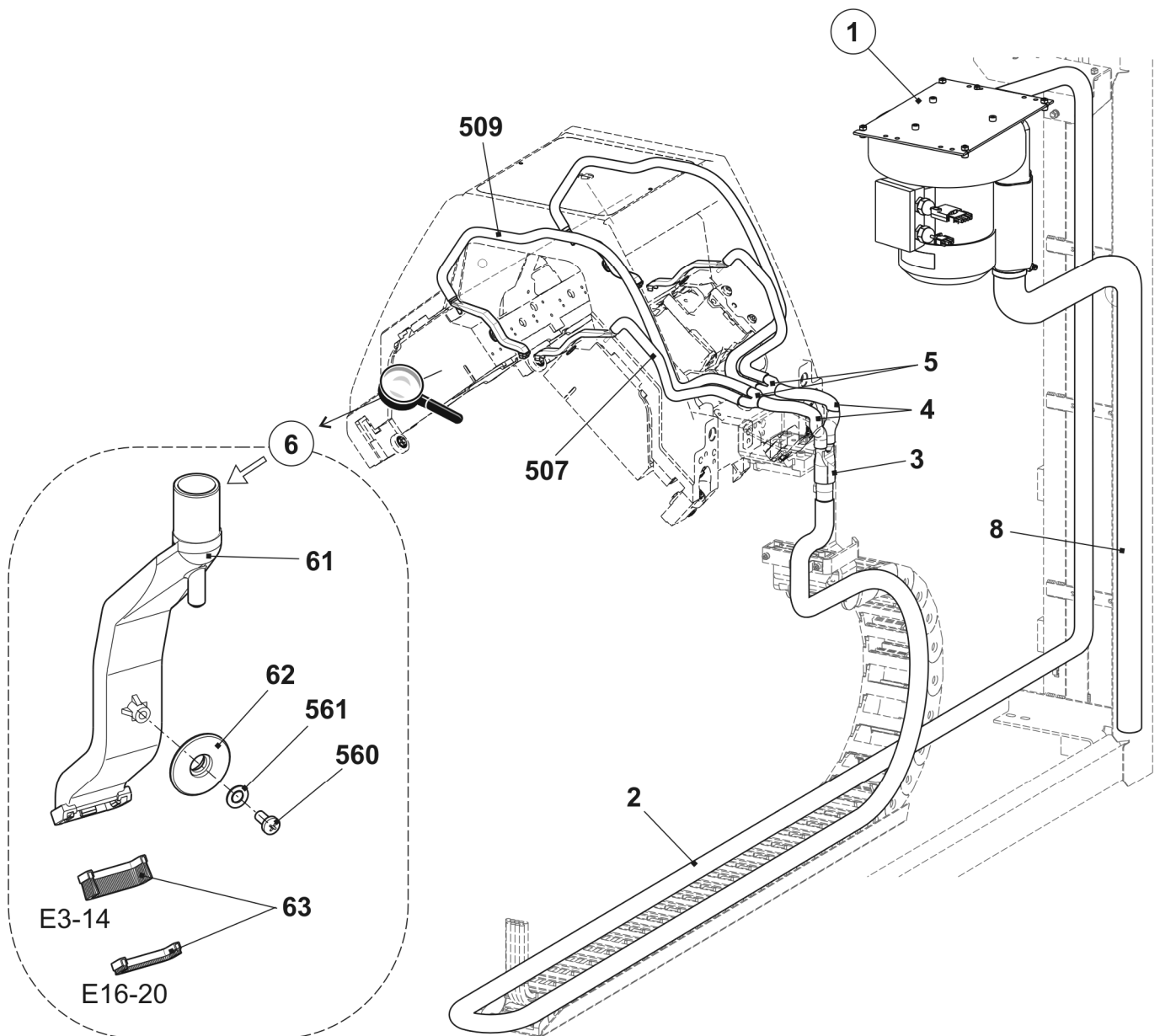
Fluff absorption



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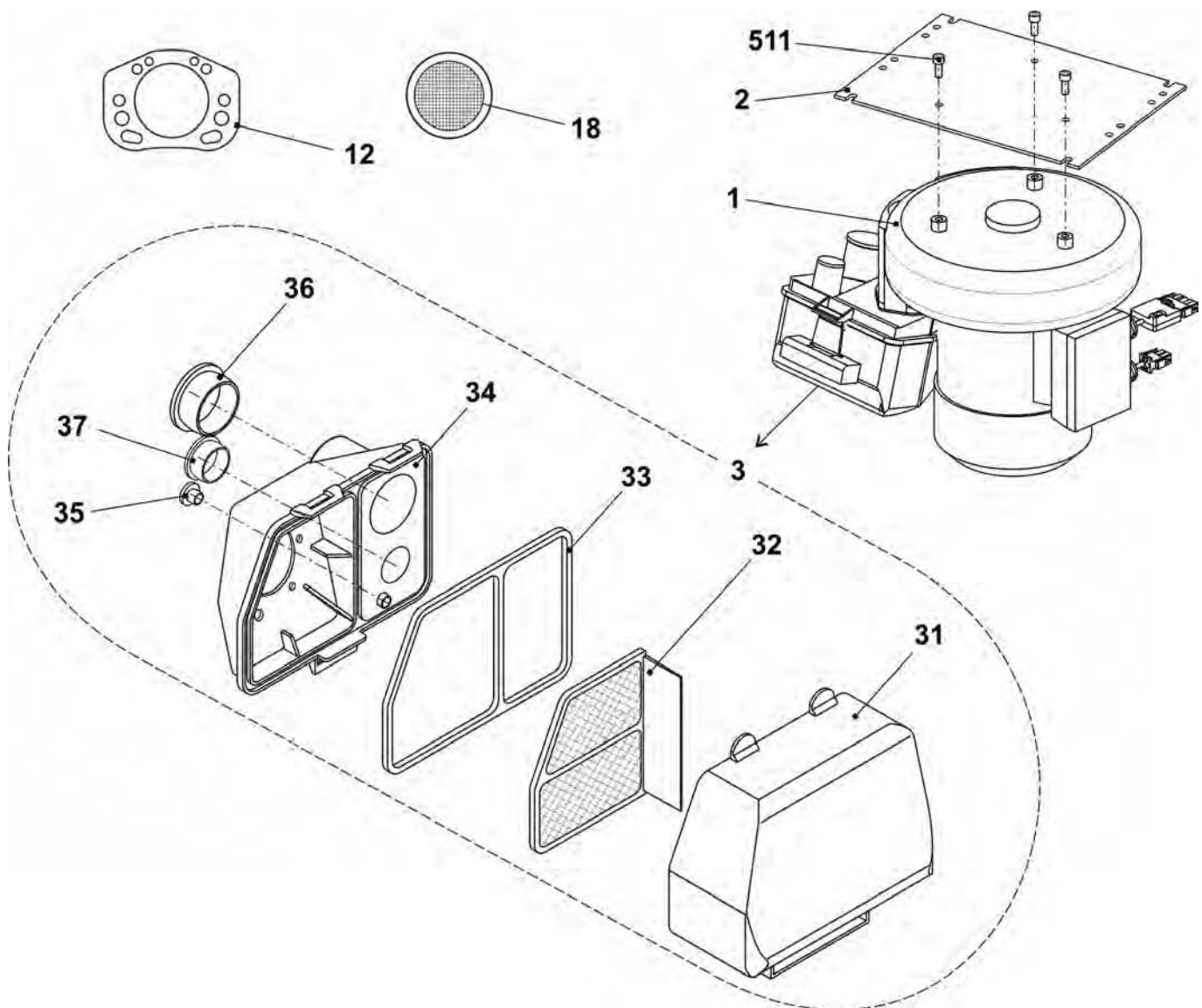
Fluff absorption

Pos	Designation	Ident No	Pos	Designation	Ident No	
1	Suction fan with base plate complete	221 970	6	Suction tube complete (E3-14)	241 221	
				Suction tube complete (E16-20)	244 604	
2	Suction hose 29x25x5000	224 208		61	Suction tube	241 427
3	Connection complete	217 686		62	Fixing disc	218 452
4	Suction hose 20x16x120	243 163		63	Brush (E3-14)	241 352
5	Hose connector	241 438			Brush (E16-20)	244 603
507	Suction hose 17x13x430	243 166		560	Screw KB30x6	241 424
509	Suction hose 17x13x950	243 168		561	Disc 3.5-200	020 878
			8	Exhaust air hose	222 639	

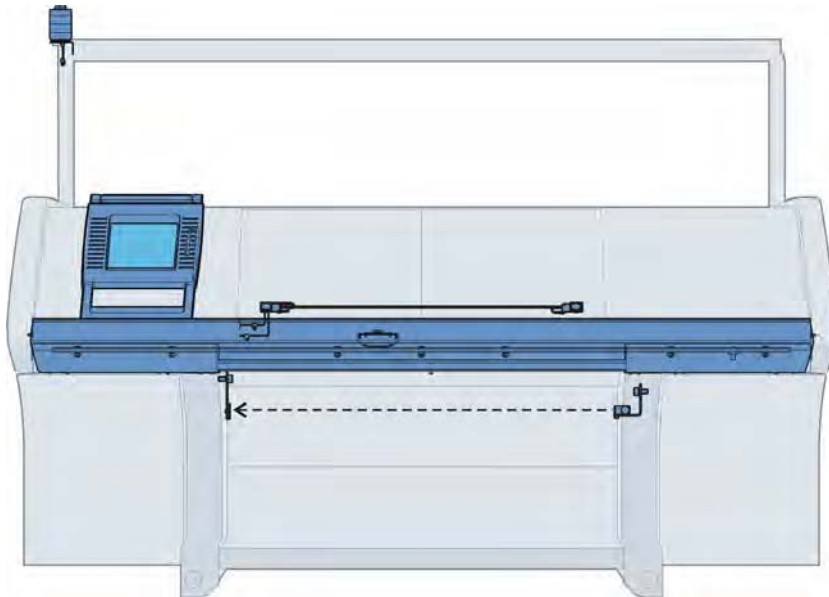


Suction fan

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Suction fan with base plate complete	221 970	3	Lint container complete	216 140
1	Suction fan complete	220140	31	Lint container (FLENT)	213918
12	Suction fan seal	214 665	32	Filter FLENT	213916
18	Filter round plate 52mm / 44mm	200 818	33	Suction fan seal	214664
511	Cap screw M6x25	020 137	34	Filter cover FLENT	213917
2	Base plate	221948	35	Sealing plug GPN 300 F3	220177
			36	Sealing plug GPN 300 F28	220175
			37	Sealing plug GPN 300 F181	220178

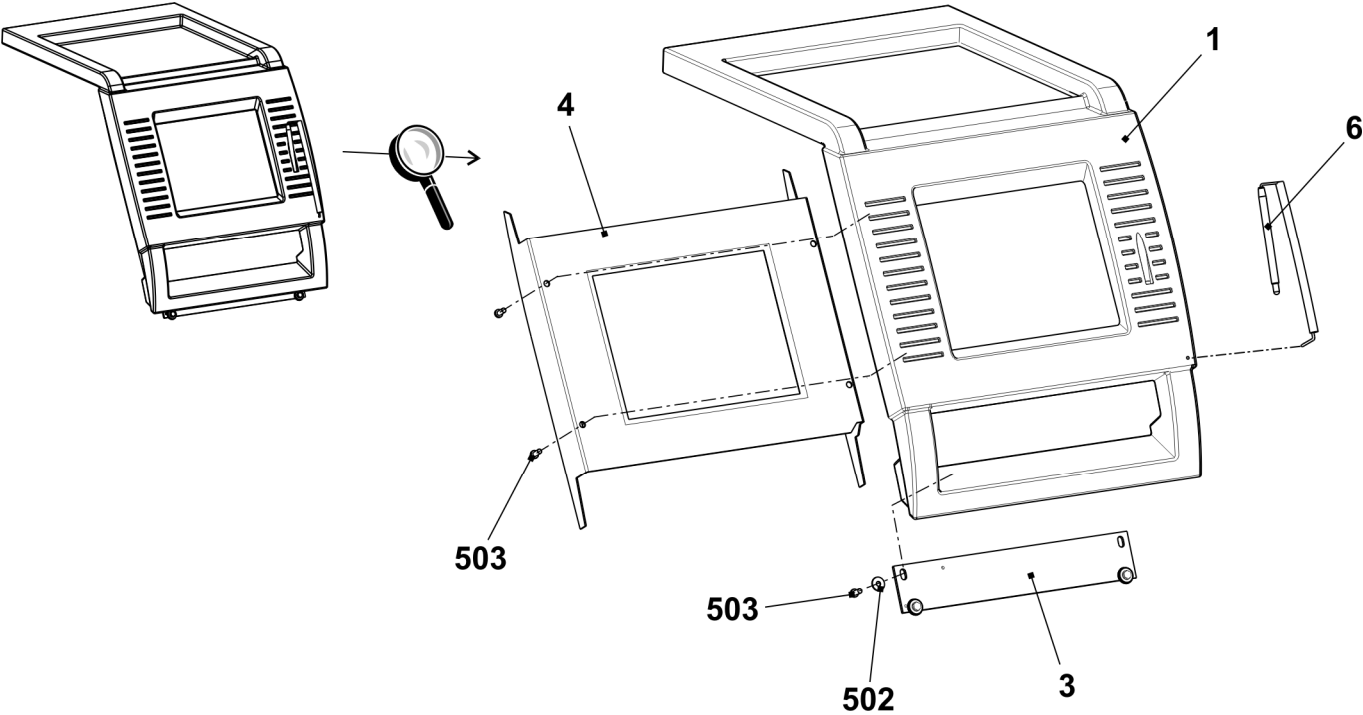


Operating and control



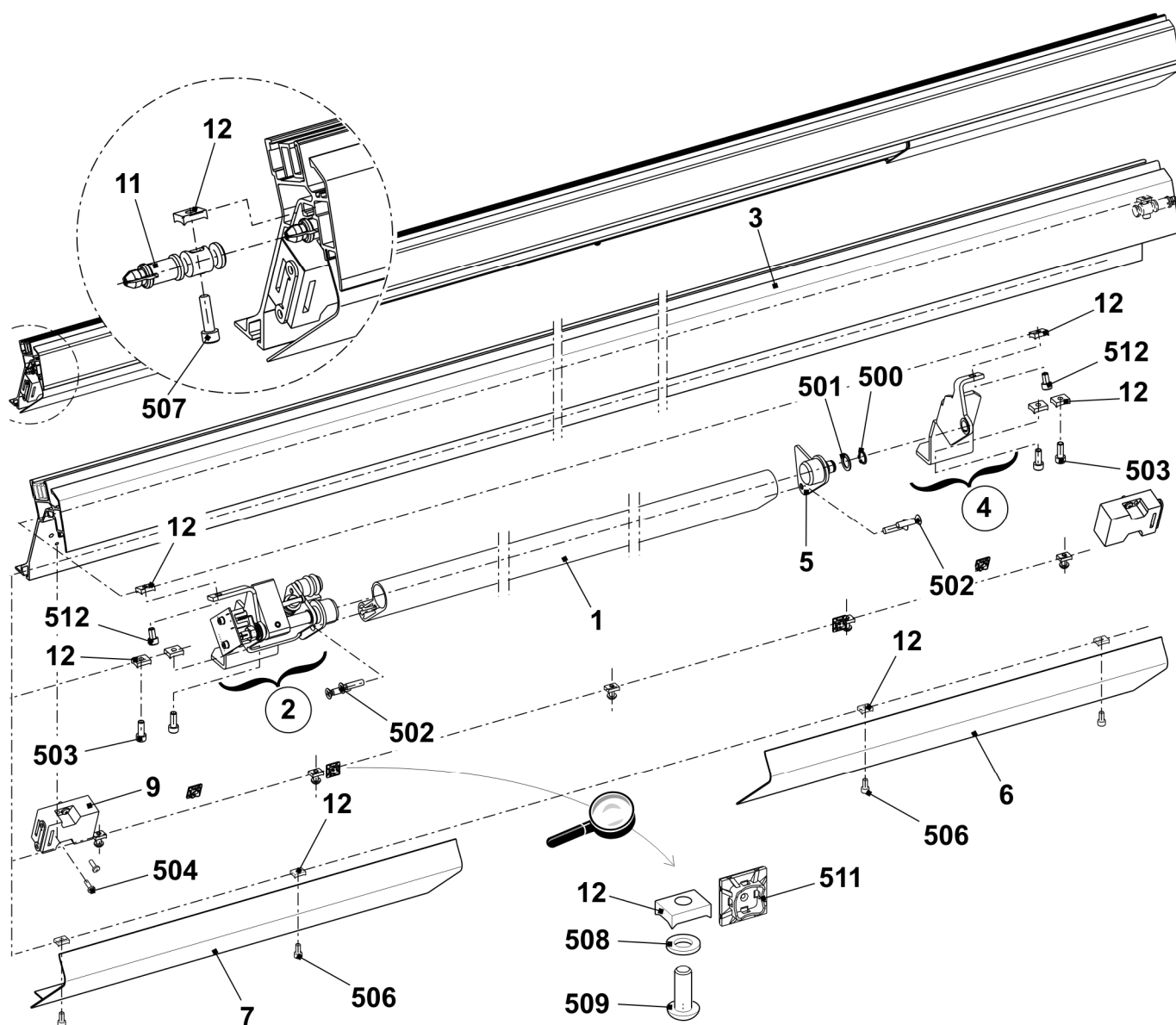
Input unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Input unit complete	240 194	6	Touch pen	242 812
1	Base frame	240 195	502	Washer	020 901
3	Bearing strip complete	240 198	503	Screw KB 50x12	240 359
4	Display touch screen	242 532			



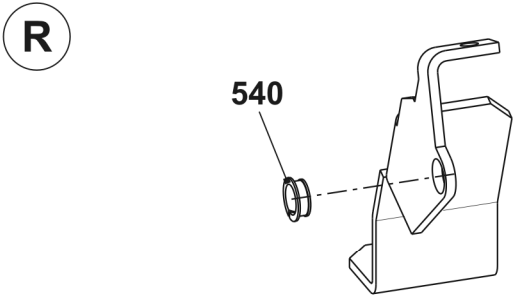
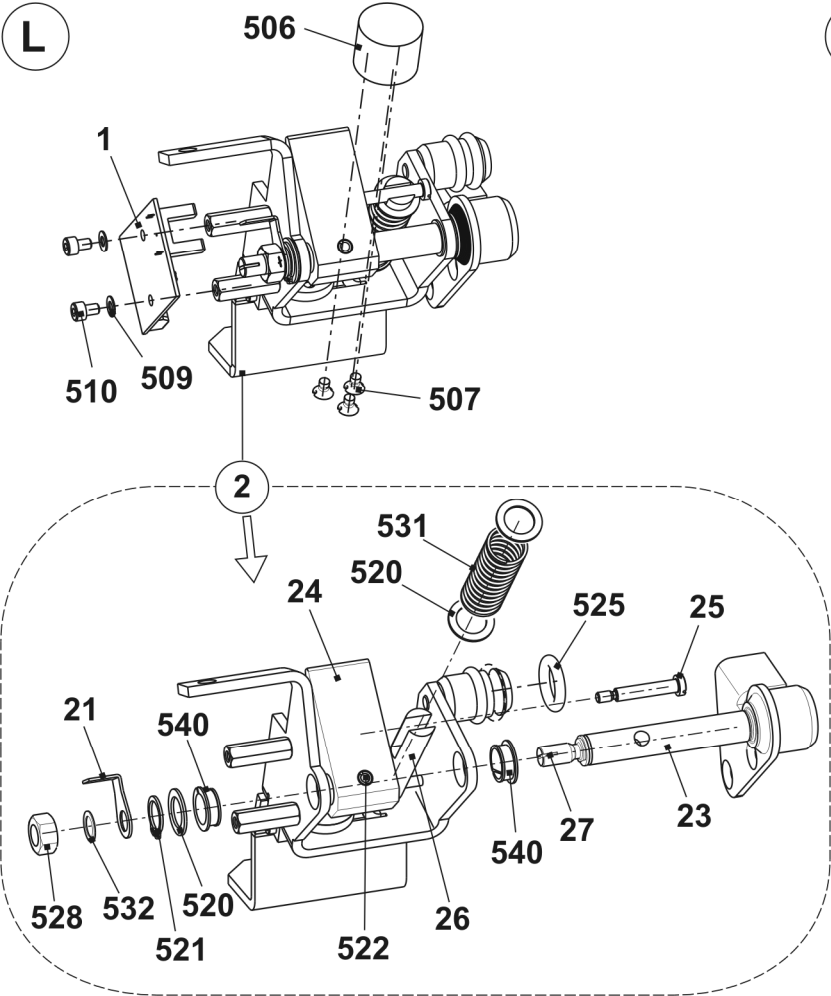
Starting unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Starting unit complete	240 306	500	Locking ring 12x1	020 951
1	Engaging rod	240 227	501	Adjusting washer 12x18x1	023 315
2	Bearing on the left complete	240 303	502	Screw M6x25	023 510
3	Guide rail bottom complete	240 304	503	Cap screw M6X16	020 135
4	Bearing on the right complete	240 230	504	Countersunk screw M5x14	023 588
5	Shaft on the right	242 888	506	Cap screw M6X12	020 134
6	Cover plate on the right	240 244	507	Cap screw M6x20-12.9	020 136
7	Cover plate on the left	240 245	508	Washer	020 872
9	Switch with cable to protective hoods	223 350	509	Countersunk screw M6x16	023 124
11	Fixing bolt	219 107	512	Cap screw M6X10	023 690
12	Sliding nut (sliding block)	225 099	511	Cable tie base	243 055



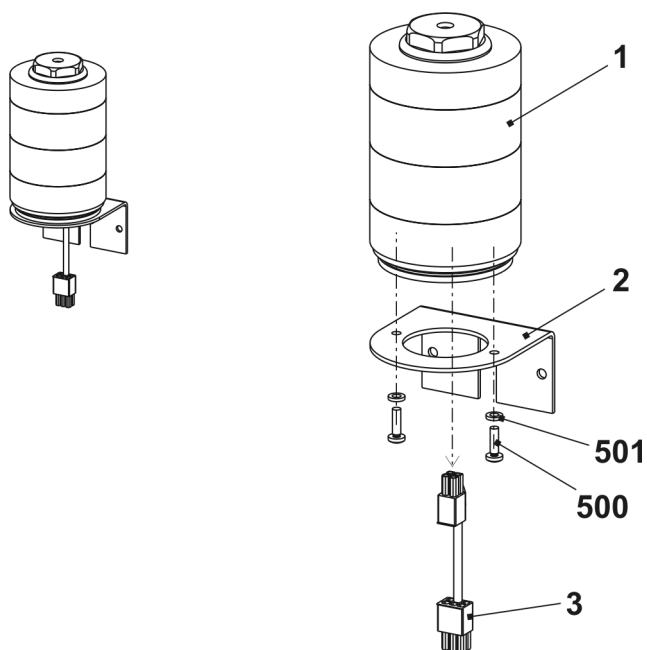
Bearing of the engaging rod

Pos	Designation	Ident No	Pos	Designation	Ident No
L	Bearing on the left complete	240 303	R 4	Bearing on the right complete	240 230
1	Card engaging okc	240 167	540	Clip bearing MCM12-04	023 639
2	Bearing on the left	243 257			
21	Cam switch	240 302			
23	Shaft on the left	240 284			
24	Rotor	240 288			
25	Position screw M4x24.8x7.7	240 299			
26	Spring pin	225 793			
27	Permanent magnet 6x6x1	240 234			
520	Adjusting washer 12x18x1	023 315			
521	Locking ring 12x1	020 951			
525	O-ring 6x2	022 855			
528	Hexagon nut M8-6	020 838			
531	Compression spring 1.25x15x98.2	023 609			
532	Washer 8.3x12x0.5	022 714			
540	Clip bearing MCM12-04	023 639			
506	Magnetic clamp co-current flow	026 233			
507	Countersunk head screw M4x6	020 293			
509	Adjusting washer 4x8x0.5	023 384			
510	Cap screw M4x6	023 067			
522	Spring dowel sleeve 6x20	023 719			



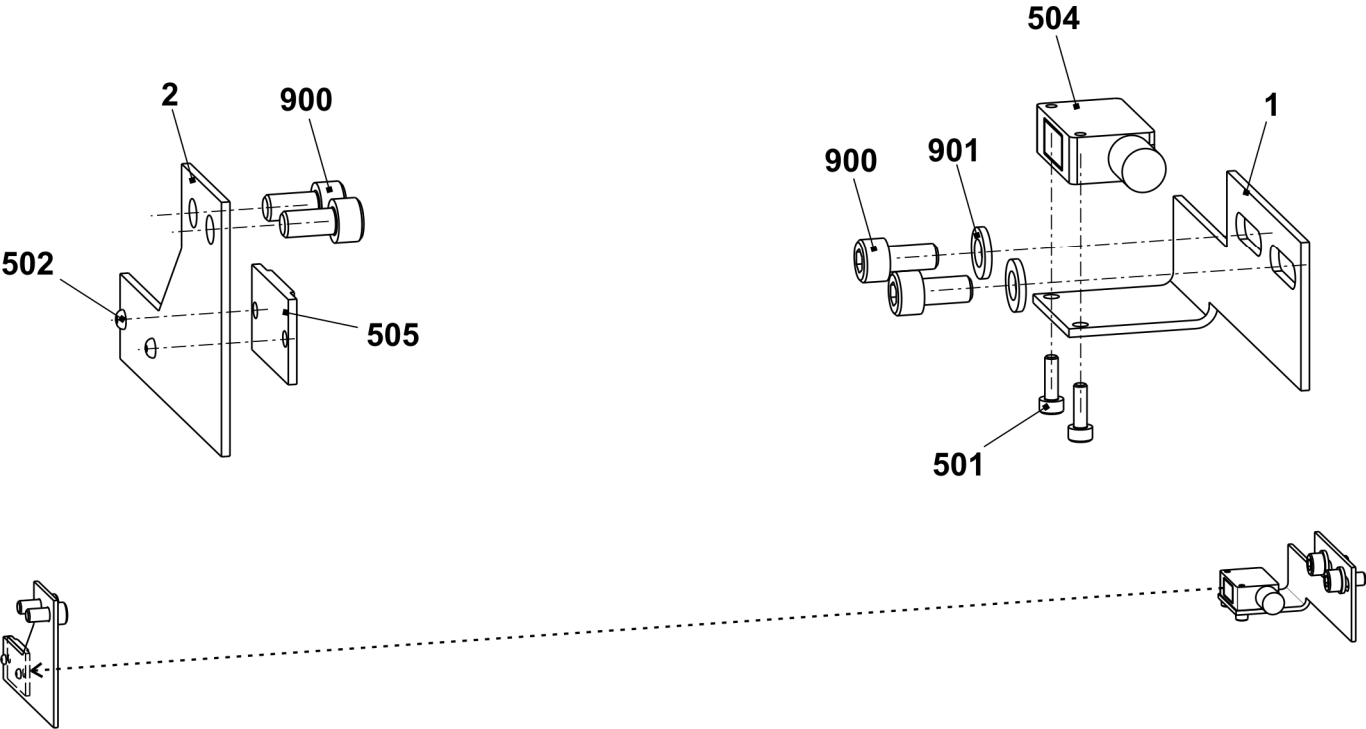
Warning light

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Warning light LED	241 822	3	Cable warning light LED	241 578
1	Warning light LED	240 395	500	Countersunk screw M4x14	023 037
2	Angle support	231 657	503	Serrated lock washer A4.3-FS	022 482



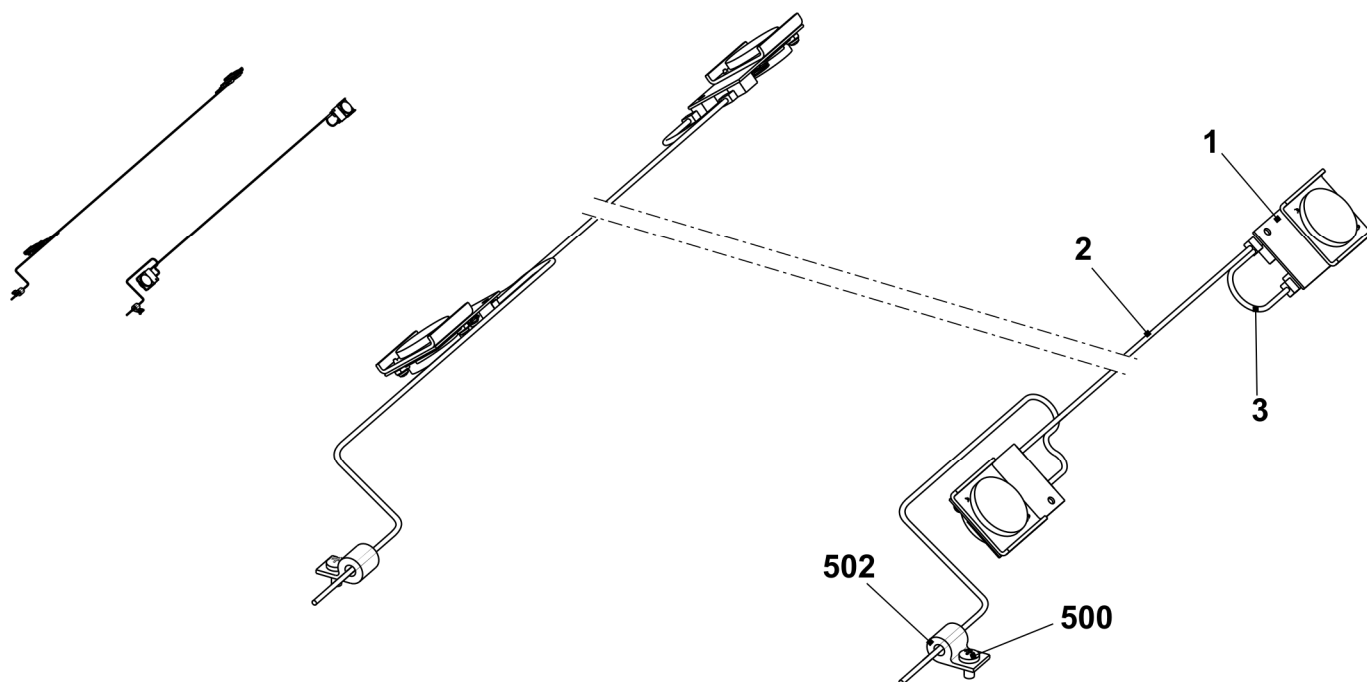
Collecting area - control

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Collecting area - control	240 157	504	Light barrier WI100-P4330	243 355
1	Angle support light barrier	243 353	505	Reflector 20x20 mm	243 356
2	Mounting plate reflector	243 354	900	Cap screw M6X12	020 134
501	Cap screw M3x10	022 991	901	Washer	020 872
502	Blind rivet A3x8-Al	023 158			



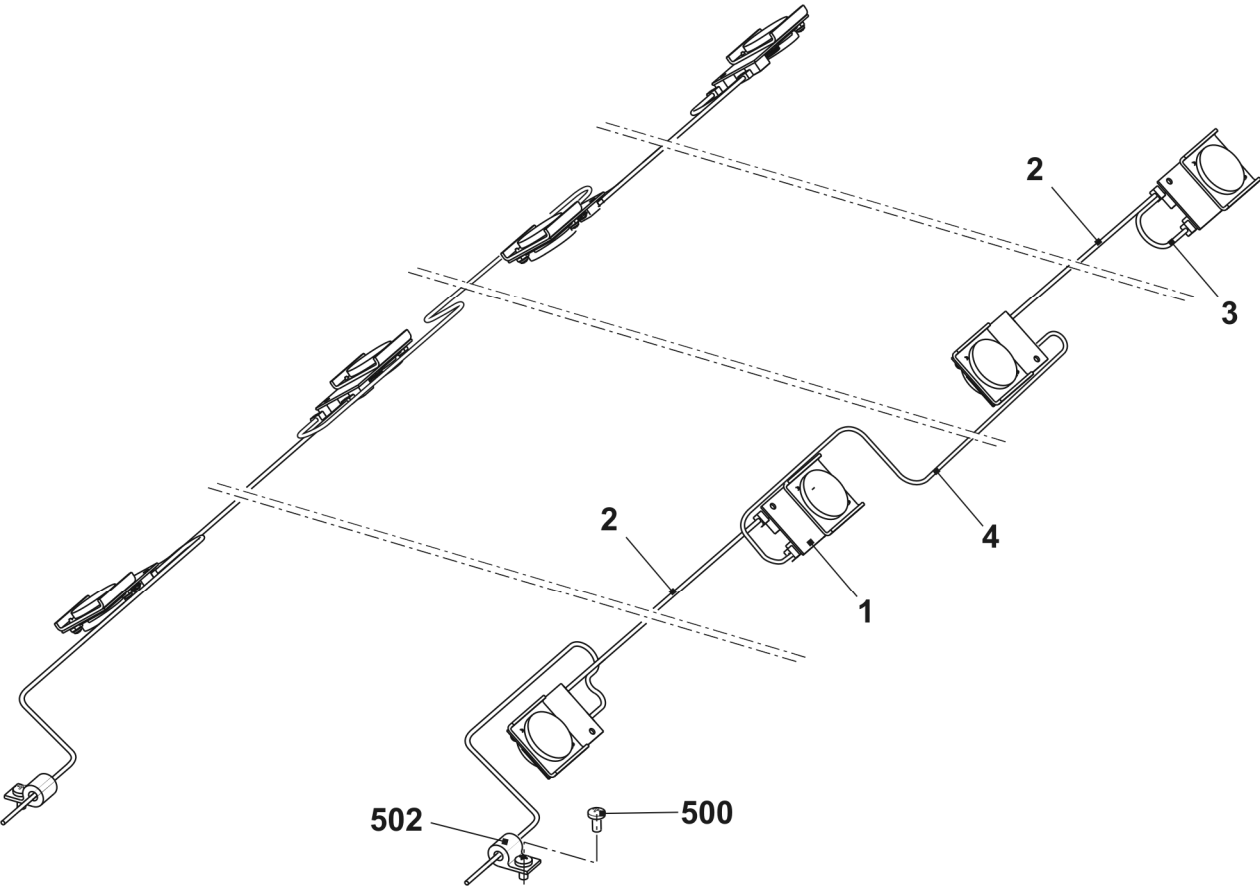
Shock stop motion (till E14)

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Shock stop motion complete E5 – E14	241 819	3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011	500	Countersunk screw M4x8	023 036
2	Connecting cable piezo sensor	220 061	502	Cable clip N-3B, 5 mm	210 729



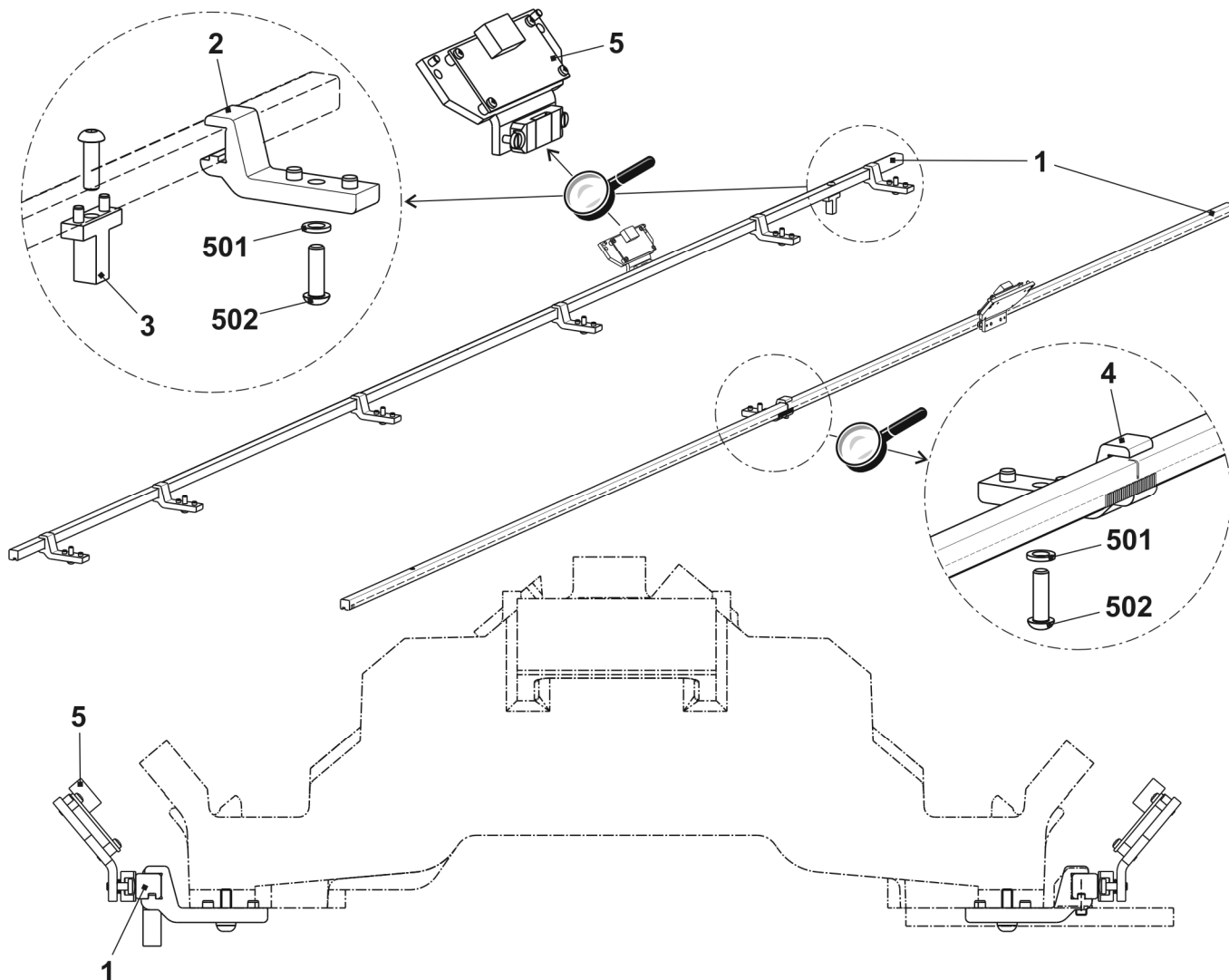
Shock stop motion E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Shock stop motion complete E16-18	250 384			
1	Shock stop motion (Piezo)	220 011	4	Cable piezo	250 295
2	Cable piezo	250 291	500	Countersunk screw M4x8	023 036
3	End plug piezo sensor	220 053	502	Cable clip N-3B, 5 mm	210 729

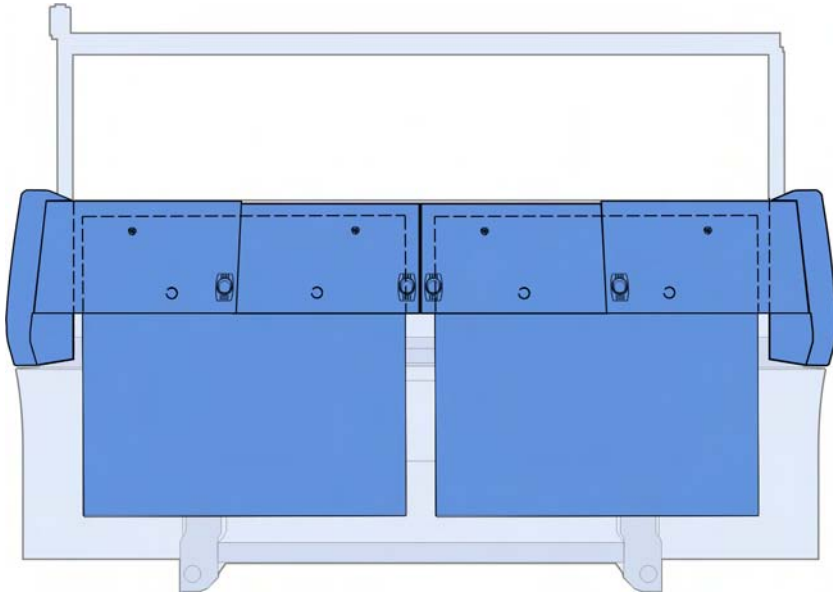


Measuring device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Measuring device	240 661	5	Measuring head complete	240 562
1	Measuring bar	240 229			
2	Guidance	212 210			
3	Stop point	209 289			
4	Guidance	240 672			
501	Washer	020 881			
502	Countersunk screw	241 603			

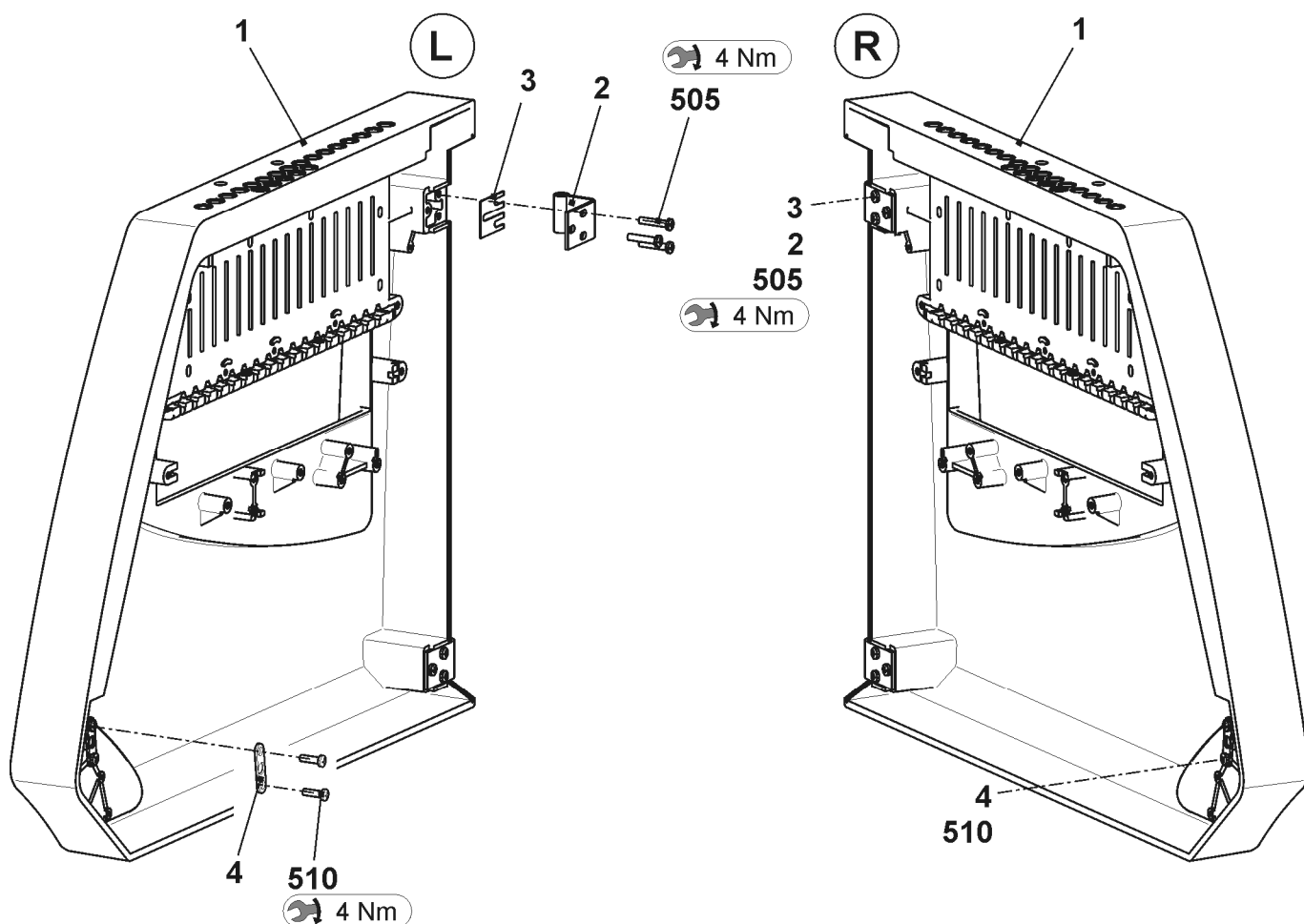


Protective units



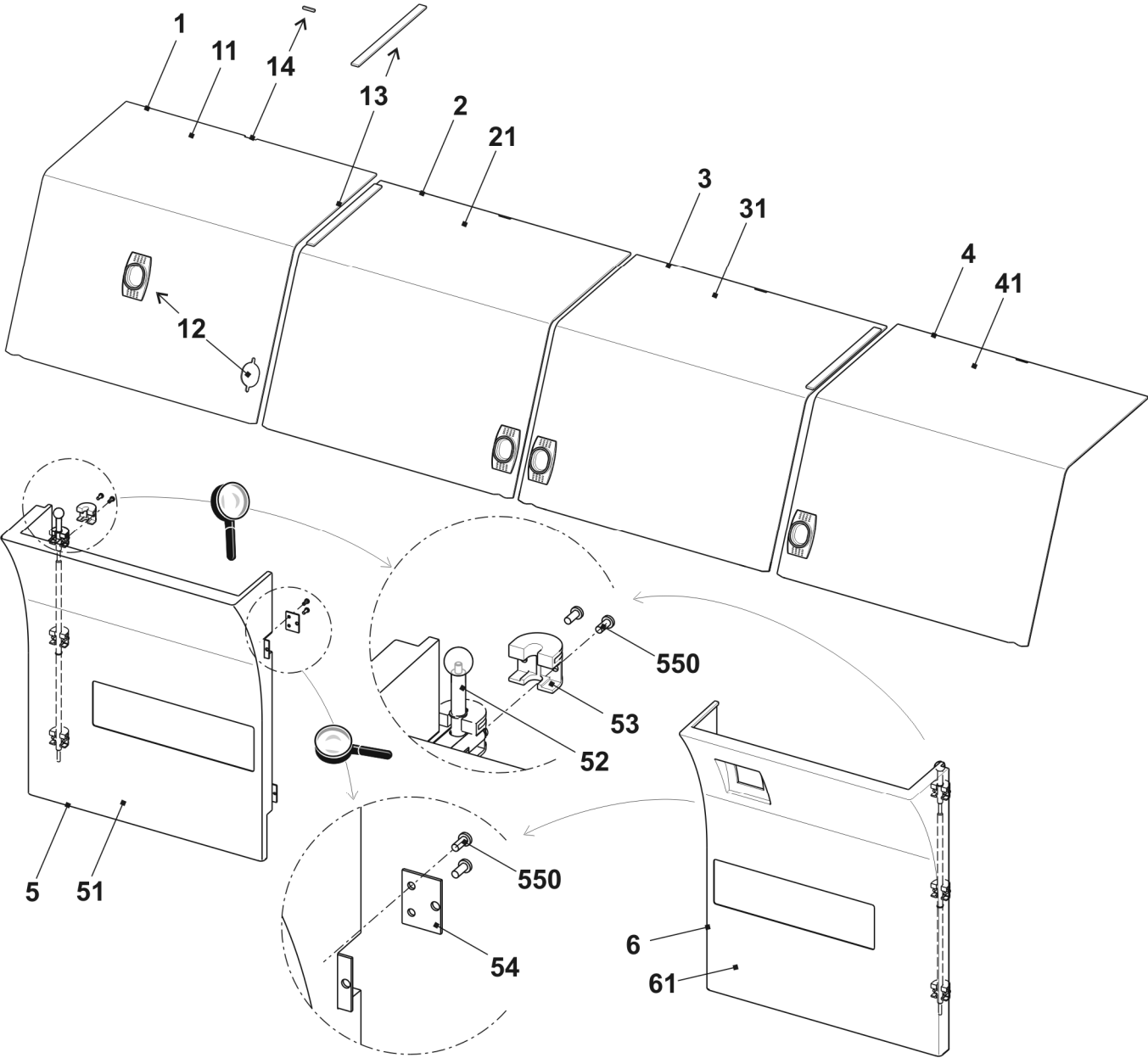
Lateral safety covers

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Safety cover on the left with fittings and lateral yarn guide		Σ	Safety cover on the right with fittings and lateral yarn guide	
	E3 - E5	241 271		E3 - E5	241 274
	E7 - E8	241 272		E7 - E8	241 275
	E10 - E18	241 273		E10 - E18	241 276
1	Safety cover on the left	240 560	1	Safety cover on the right	240 561
2	Hinge	241 994	505	Screw KB 60x30	237 683
3	Plate	224 717	510	Screw KB 60x20	237 682
4	Locking plate	219 748			



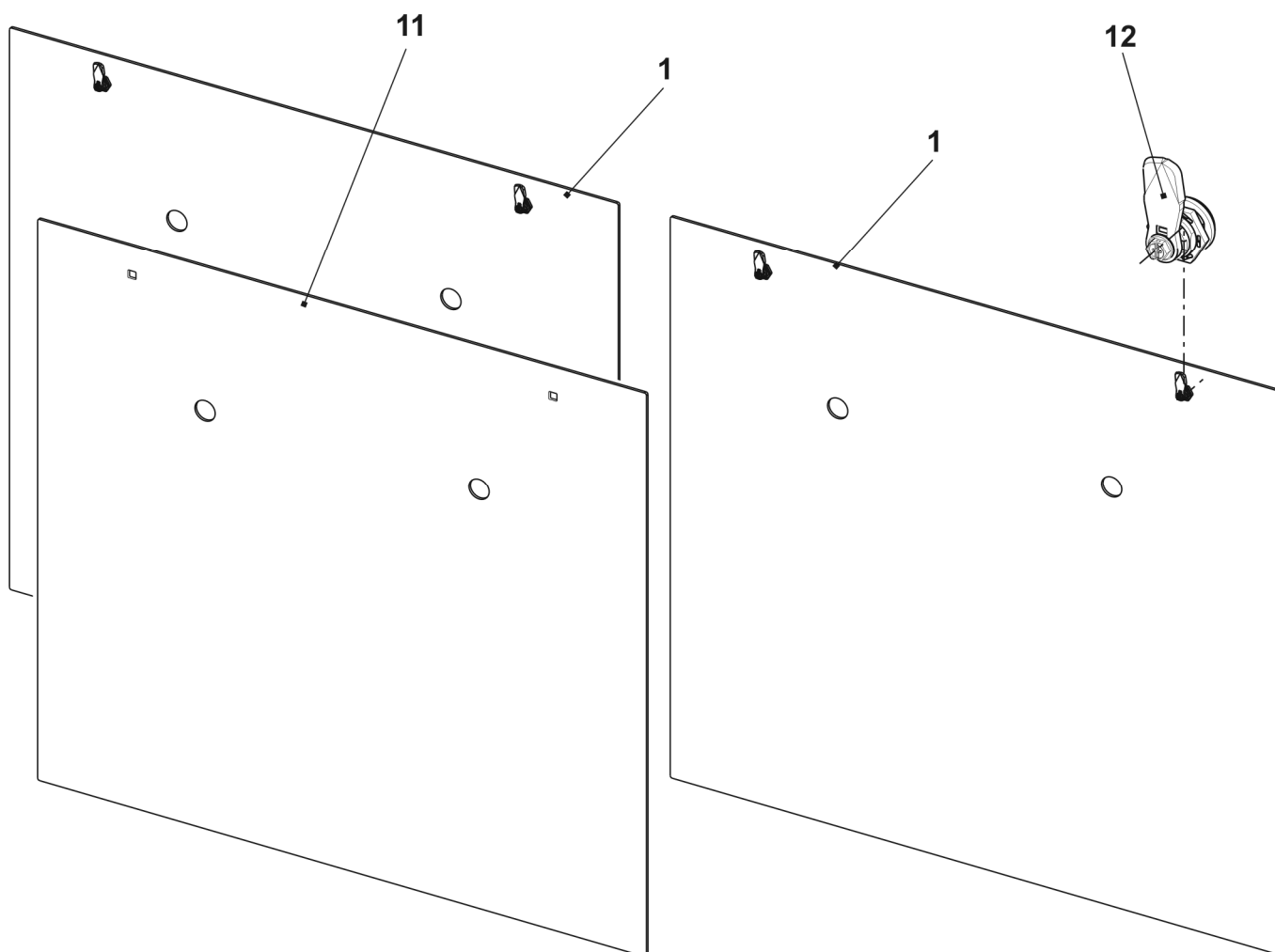
Panelling

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover 1 complete	240 206	3	Cover 3 complete	240 208
	11 Cover 1	240 267		31 Cover 3	240 269
	12 Inlet type handle	240 210		- Inlet type handle	240 210
	13 Stripper	219 393		- Stripper	219 393
	14 Magnet	204 666		- Magnet	204 666
2	Cover 2 complete	240 207	4	Cover 4 complete	240 209
	21 Cover 2	240 268		41 Cover 4	240 270
	- Inlet type handle	240 210		- Inlet type handle	240 210
	- Stripper	219 393		- Stripper	219 393
	- Magnet	204 666		- Magnet	204 666
5	Control unit panelling on the left complete	240 247	6	Control unit panelling on the right complete	240 249
	51 Control unit panelling on the left	240 246		61 Control unit panelling on the right	240 248
	52 Rod	240 410		- Rod	240 410
	53 Guidance	241 767		- Guidance	241 767
	54 Lug	240 412		- Lug	240 412
	550 Screw KB 50x12	240 359		- Screw KB 50x12	240 359

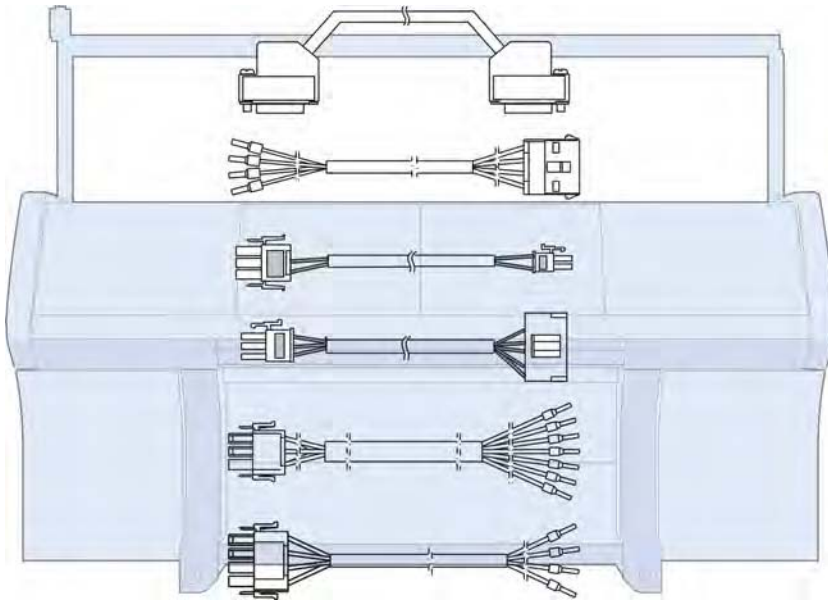


Rear panel

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Panelling at the rear with sash fastener	240 655	11	Panelling	240 654
			12	Safety sash fastener	243 052



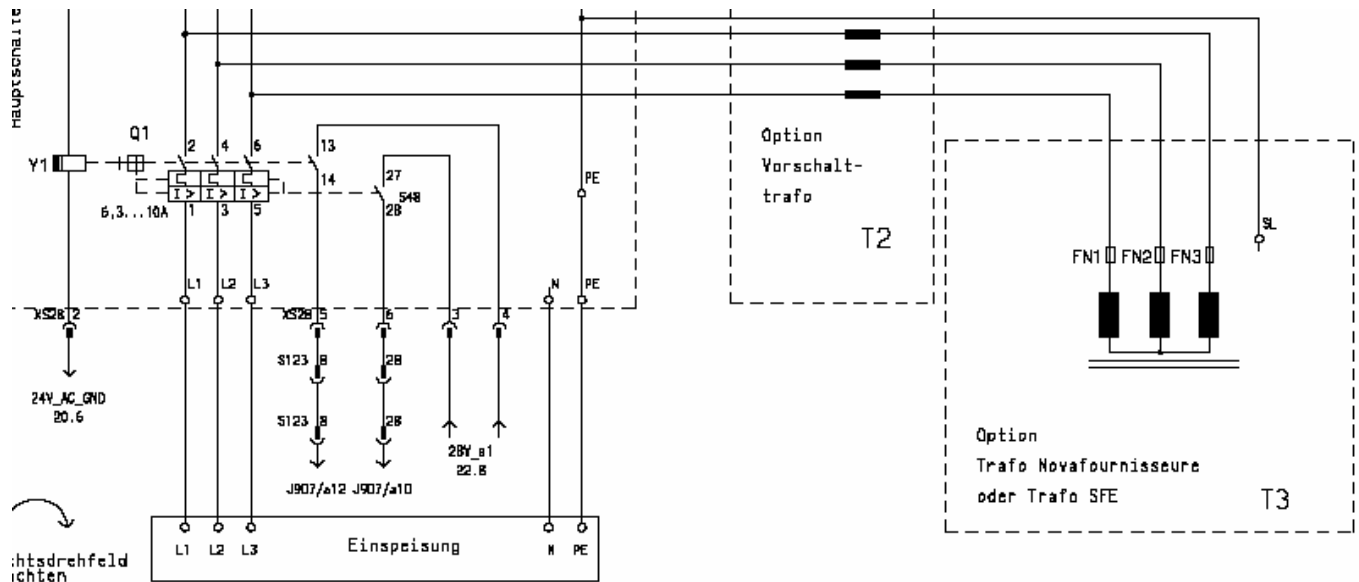
Electrical Equipment



Circuit diagram as PDF

Designation	Ident No	Identification
Circuit diagram 219 German	243 991	DE
Circuit diagram 219 English	243 991	GB
Circuit diagram 219 Chinese	243 991	CN

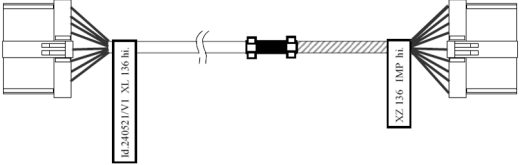
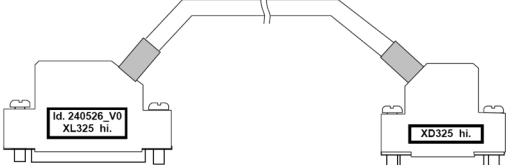
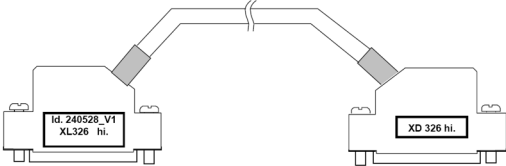
You will find the circuit diagram 219 on the CMS documentation DVD with the identification number 242283



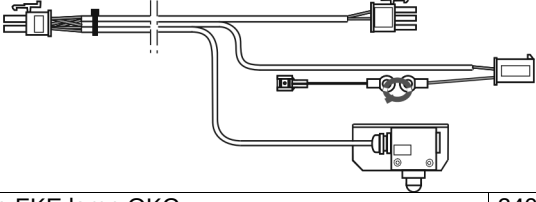
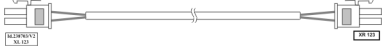
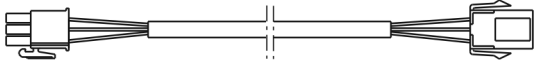
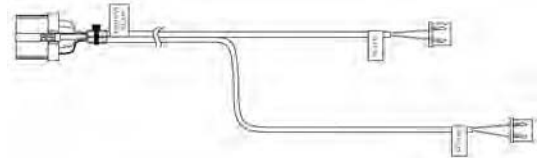
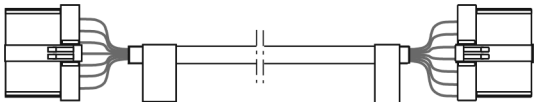
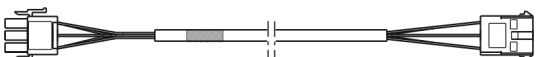
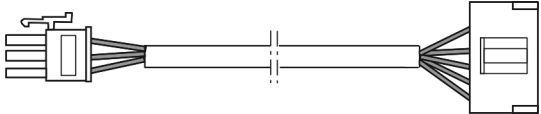
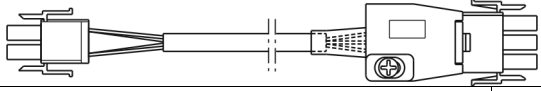
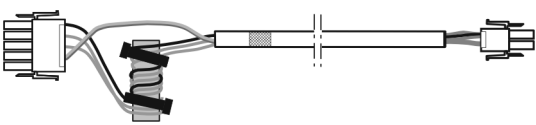
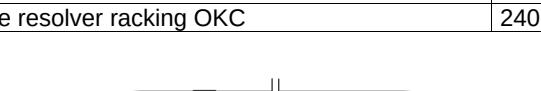
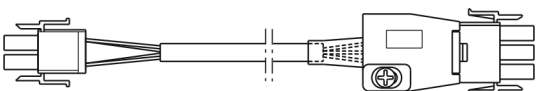
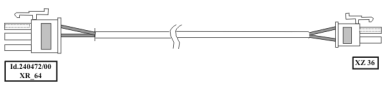
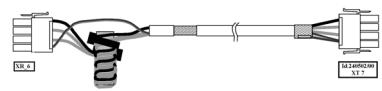
Fuses

	<i>Designation</i>	<i>Ident No</i>
	Fuse 1.0A F 5x20	008 748
	Fuse 3.15A T/440V 6.3x32	025 261
	Fuse 10A T/440V 6.3x32	025 258
	Fuse 2.5A T/440V 6.3x32	217 465
	Fuse 1.6A T/440V 6.3x32	236 229
	Fuse 6.3A T/440V 6.3x32	026 809
	Fuse 8A T/440V 6.3x32	241 866
	Fuse 12.5A T/440V 6.3x32	232 367

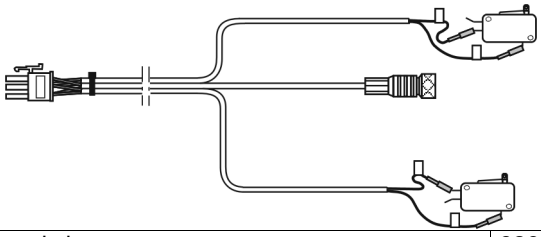
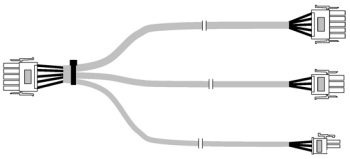
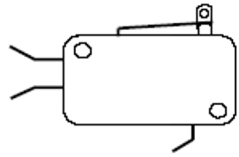
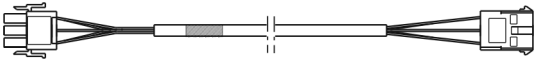
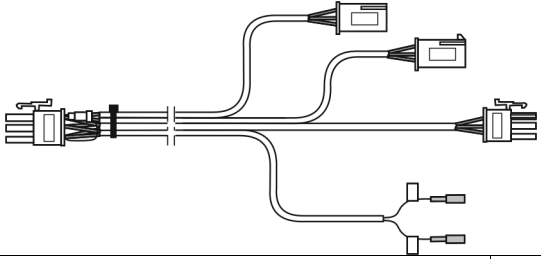
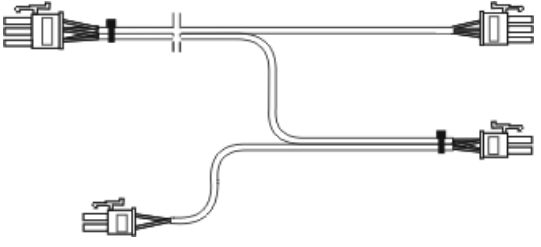
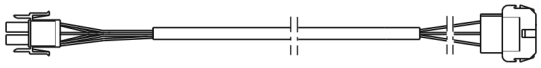
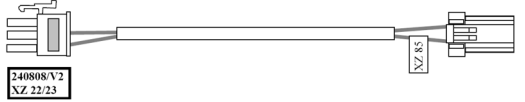
Trailing cable

Designation	Ident No	Designation	Ident No
Trailing cable set 520 okc	240 530		
Cable impulse giver at the rear XL136	240 521	Cable SM at the rear S325	240 531
Cable impulse giver at the front XL137	240 522	Cable SM at the front S327	240 532
			
Cable yarn carrier XL161	241 837	Cable signal at the rear S326	240 533
		Cable signal at the front S328	240 234
			

Cable

Designation	Ident No	Designation	Ident No
Cable protective unit on the left OKC	238 705	Cable electro OKC	238 703
Cable protective unit on the right OKC	238 706		
			
Cable FKE lamp OKC	240 290	Cable Piezo NB OKC	240 518
			
Cable engaging OKC	240 289	Cable switch HAAB OKC	240 537
			
Cable motor HAAB OKC	240 291	Cable racking limit switch OKC	240 292
			
Cable ventilator drive OKC	240 293	Cable feed wheel on the right OKC	240 294
			
Cable drive motor OKC	240 295	Cable resolver drive OKC	240 296
Cable racking motor OKC	240 297	Cable resolver racking OKC	240 298
			
Cable feed wheel on the left	240 464	Motor HIAB OKC	240 467
			
Cable impulse giver HIAB	240 468	Cable switch HIAB OKC	240 472
			
Cable power supply SERVO	240 502	Cable power supply of mains supply OKC	240 505
			

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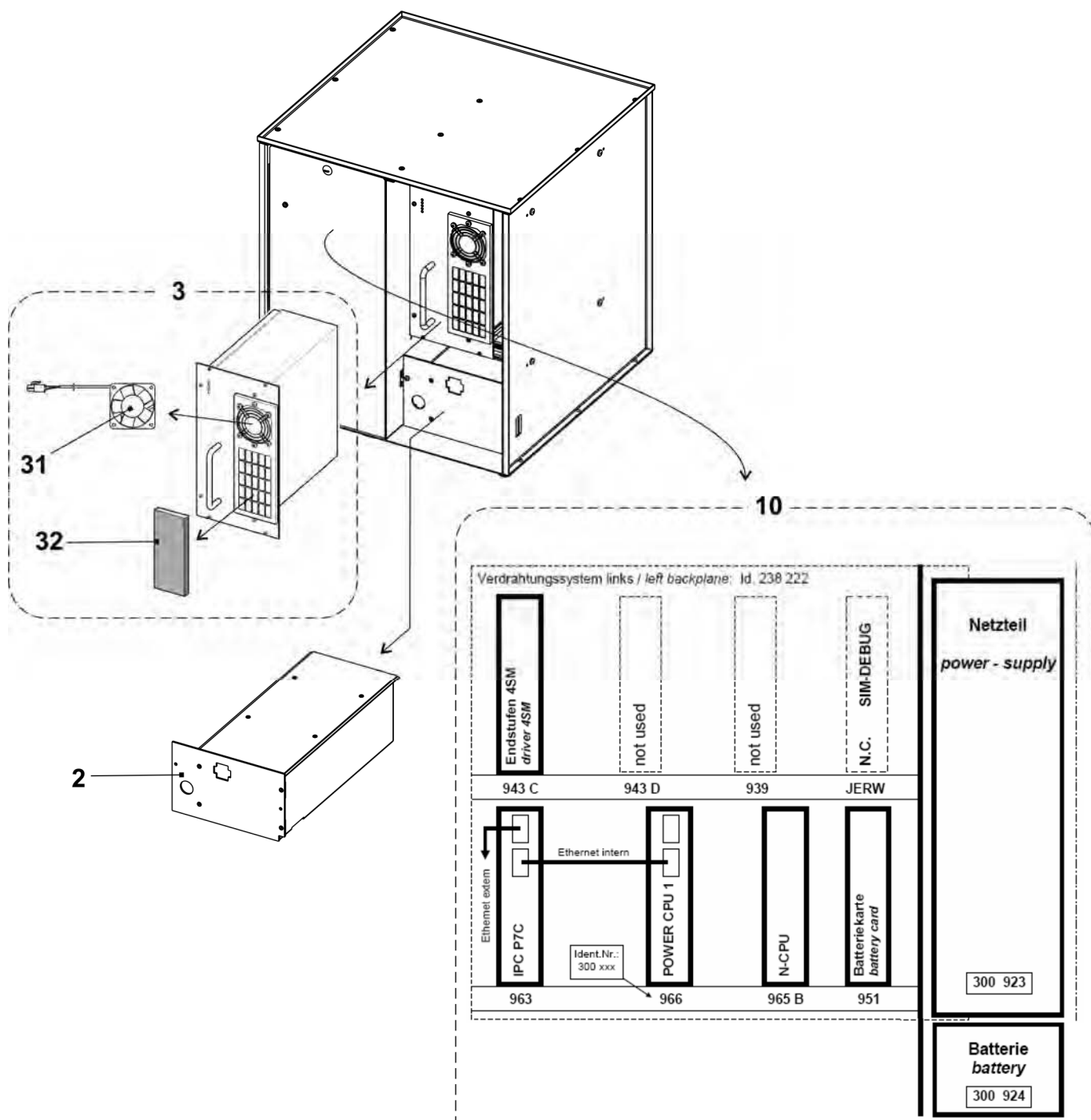
Designation	Ident No	Designation	Ident No
Cable switch KH, complete	240 309	Cable power supply WAZ OKC	240 469
			
Micro switch	026 259	Cable motor comb OKC	240 310
			
Cable switch comb OKC	240 311	Cable switch HAAB	240 312
			
Cable motor comb hook OKC	240 308	Cable slack tensioner OKC	240 808
			

Control electronics



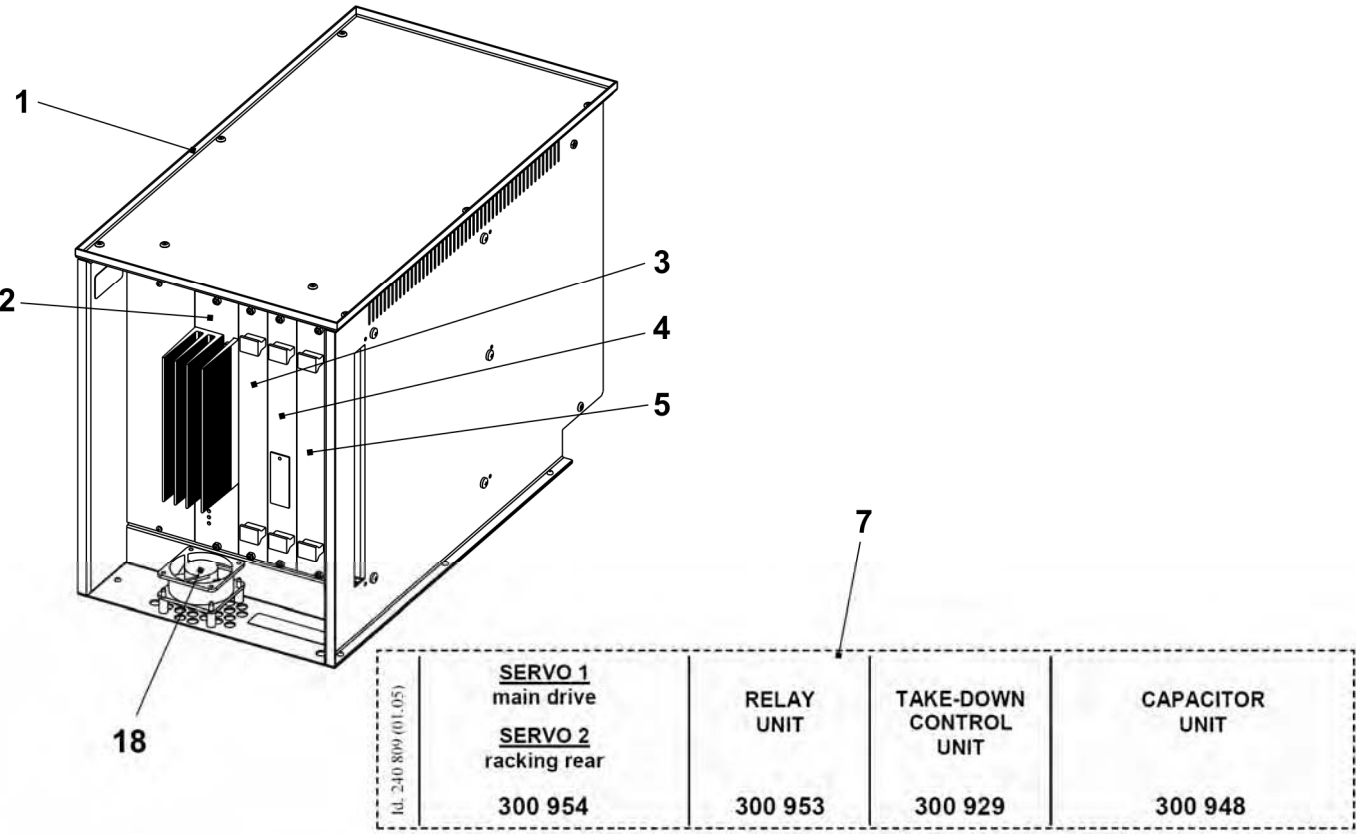
Left control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Control unit on the left complete	240 756	10	Adhesive label of card equipment	240 769
1	Control unit on the left without equipment	238 751	943 C	Motor driver 4SM	300 943
2	Battery plug-in unit	300 924	963	IPC PC7C MONO	300 963
3	Power supply CG54	300 923	966	Power CPU 1	300 966
31	Ventilator power supply	239 305	965	N-CPU	300 965
32	Filter mat CG54	239 350	951	Battery card	300 951

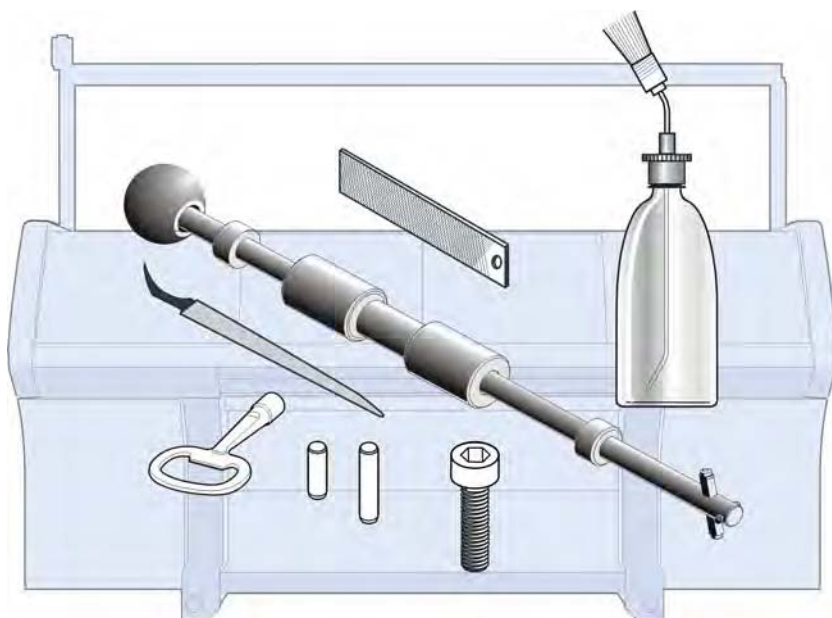


Right control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Control unit on the right complete OKC	239 899	4	Card CWAZ	300 929
1	Control unit on the right without equipment	238 737	5	Card CWAZ capacitor 8 µF	300 948
2	Card Servo5 okc	300 954	7	Adhesive label KB on the right	240 809
3	Card relay OKC	300 953	18	Axial ventilator Servo05	229 059



Available accessories

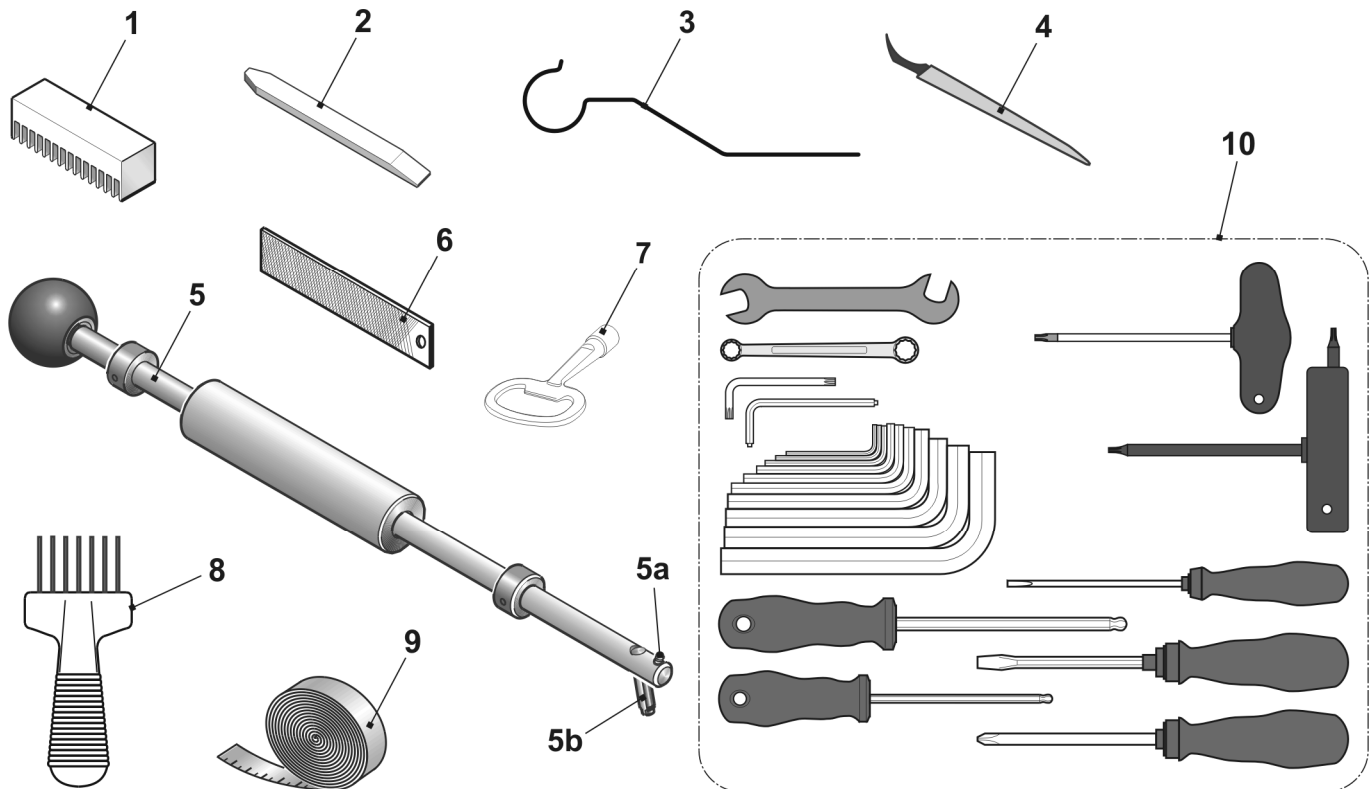


You can order the following tools, lubricants and expendables.

The following list is not conform with the scope of supply of the knitting machine.

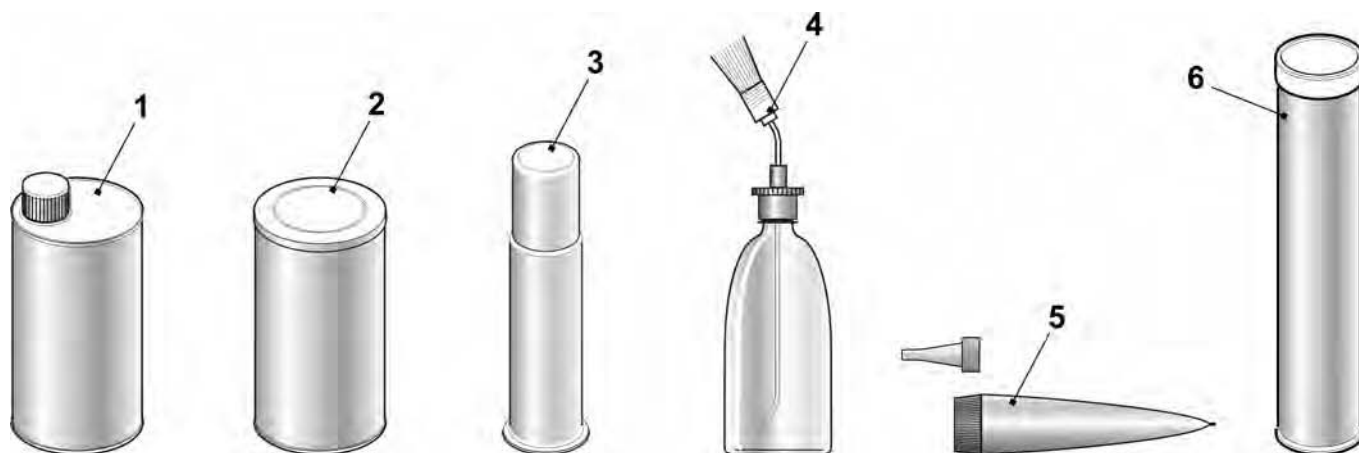
Tool

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Channel support E4	062 309	6	Groove file 1.33 mm E3-4	006 169
	Channel support E5, E2,5.2	062 310		Groove file 1.25mm E5-8, E3,5.2	006 170
	Channel support E7, E3,5.2	062 312		Groove file 0.90mm E10-12, E5.2 + 6.2	006 175
	Channel support E8	062 313		Groove file 0.73mm E14, E7.2	006 173
	Channel support E10, E5.2	062 314		Groove file 0.45mm E16-18, E9.2	006 179
	Channel support E12, E6.2	062 315	7	Key of control cabinet	009 346
	Channel support E14, E7.2	218 069	8	Groove cleaner E4	031 232
	Channel support E16, E8.2	230 188		Groove cleaner E5	031 233
	Channel support E18, E9.2	230 189		Groove cleaner E6	031 234
	Channel support E20	230 190		Groove cleaner E7, E3,5.2	031 235
2	Channel chisel E14-20 (E5-14)	062 316		Groove cleaner E8	031 236
	Channel chisel E4-8 (E3,5.2)	062 317		Groove cleaner E10 (E5.2)	031 238
	Channel chisel E10-14	062 318		Groove cleaner E12 (E6.2)	031 240
3	Yarn guide on the left	227 071		Groove cleaner E14 (E7.2)	031 242
	Yarn guide on the right	227 070		Groove cleaner E16	225 111
4	Working hook	227 249		Groove cleaner E18 (E9.2)	225 112
	Extraction hook	232 027		Groove cleaner E20	225 113
5	5a Small pin	202 843	9	Measuring tape L=150cm	228 180
	5b Pin	232 022	10	Tool kit	209 527



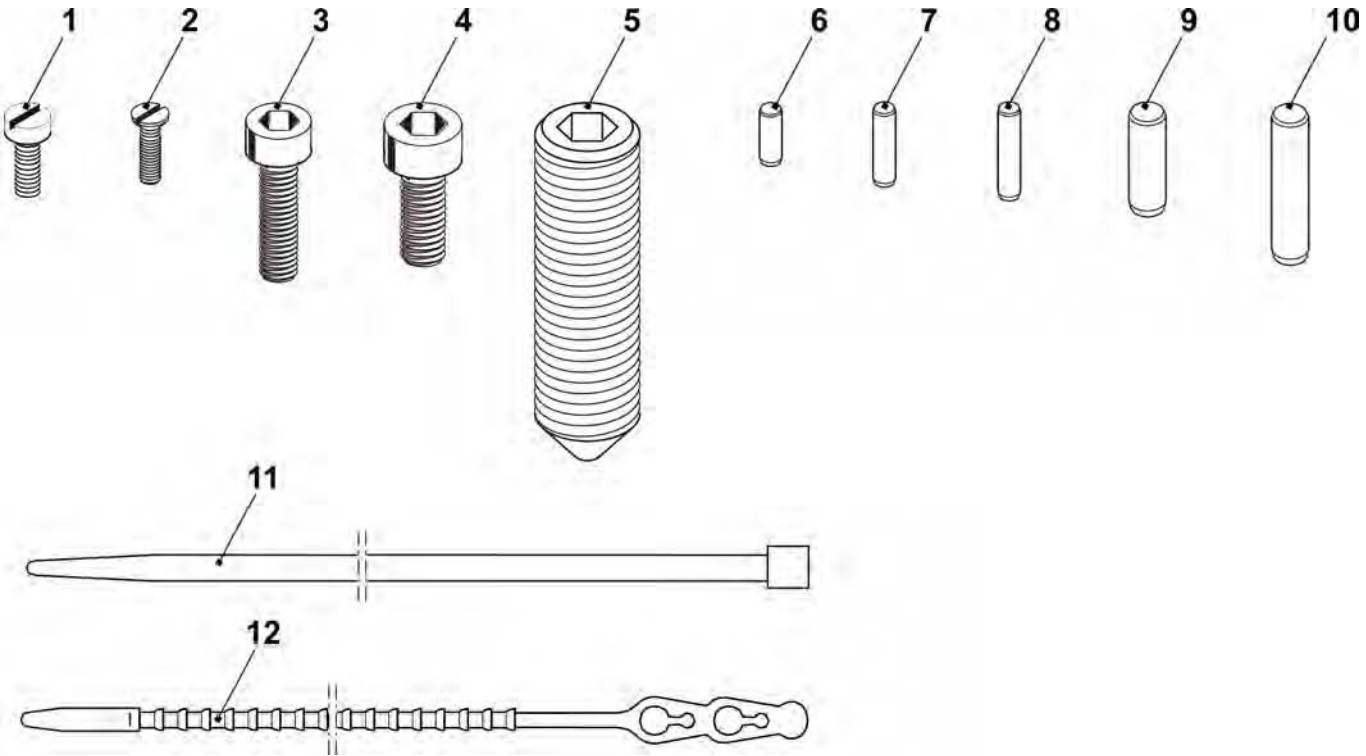
Lubricating stuff

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Textile machines oil T46, 1l	230 614	4	Oil combifix no. 8/10 group 10	216 732
2	Grease OKS 475, 1kg	009 200	5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351	6	Grease Staburags NBU 12/300KP	231 191

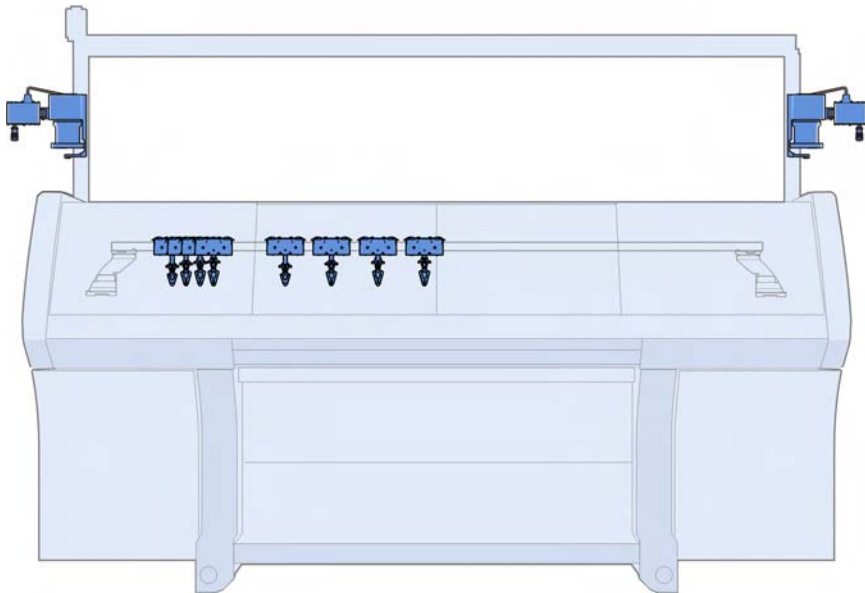


Mechanical parts

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cap screw M4x8	020 091	11	Cable binder 203x3.6 mm	025 815
2	Countersunk screw ISO 2009 - M3x6	020 286		Cable binder T50L	026 294
3	Cap screw DIN 912 - M5x16	022 726		Cable binder	008 379
4	Cap screw DIN 912 - M6x14	022 658		Cable binder 302x4.8 mm	008 642
5	Set screw DIN 914 - M16x50-45H	023 235		Cable binder 92x2.4mm	008 378
6	Setting pin 3x7	020 643	12	Reusable tie ABV 232 320mm	026 557
7	Setting pin 3x10	020 645			
8	Setting pin 3x12	020 647			
9	Setting pin 5x12	021 988			
10	Setting pin 5x18	022 622			

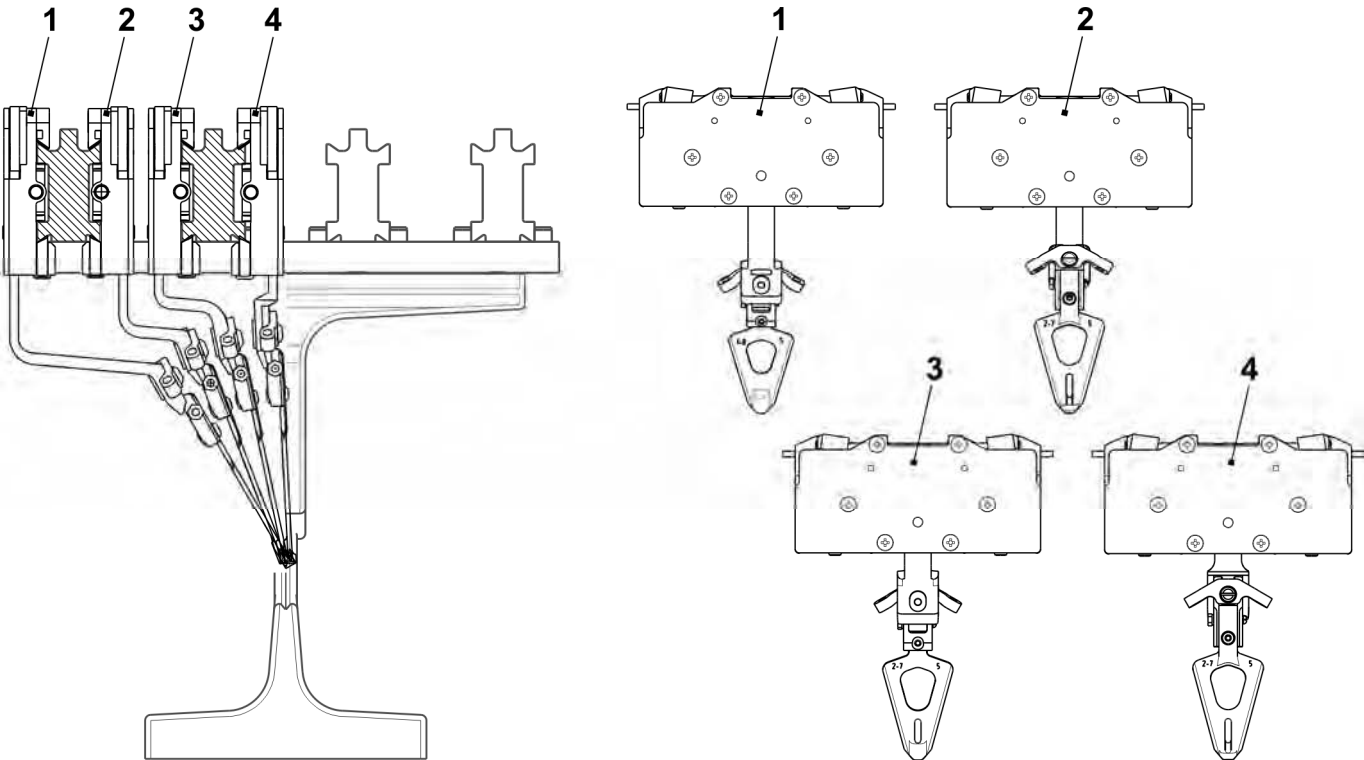


Special equipment



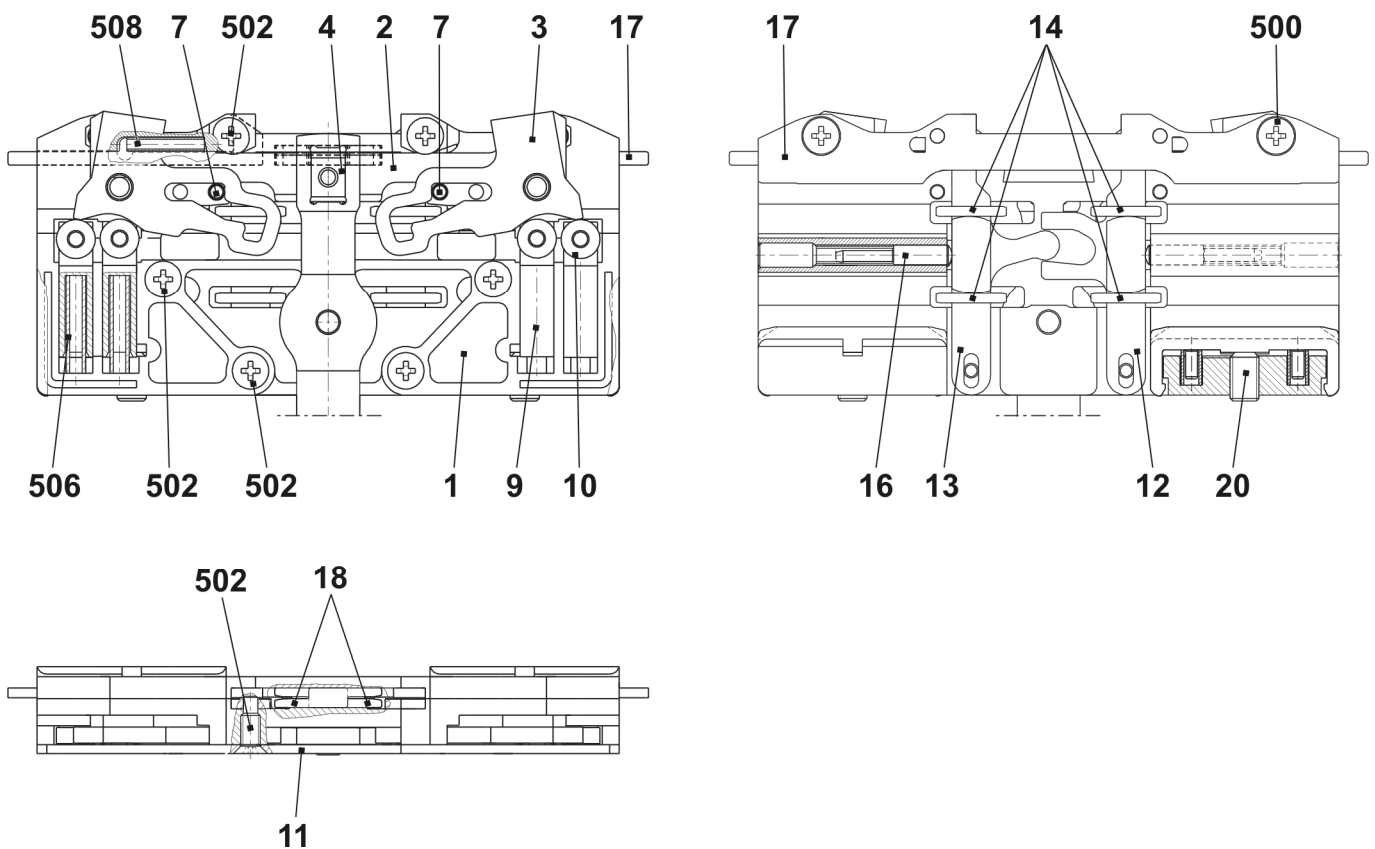
Complete intarsia yarn carriers

Designation	Gauge	Track	Pos	Ident No	Designation	Gauge	Track	Pos	Ident No
Intarsia yc carriage complete	E5	1 + 8	1	212 974	Intarsia yc carriage complete	E14 E8.2	1 + 8	1	214 146
	E2,5.2	2 + 7	2	212 977			2 + 7	2	214 147
	E3,5.2	3 + 6	3	212 980			3 + 6	3	214 148
	E5.2	4 + 5	4	212 983			4 + 5	4	214 149
	E7 - E8 E6.2	1 + 8	1	212 975		E16 - E18	1 + 8	1	227 126
		2 + 7	2	212 978			2 + 7	2	227 127
		3 + 6	3	212 981			3 + 6	3	227 128
		4 + 5	4	212 984			4 + 5	4	227 129
	E10 - E12 E6.2(12) E7.2 E9.2	1 + 8	1	212 976					
		2 + 7	2	212 979					
		3 + 6	3	212 982					
		4 + 5	4	212 985					



Carriage IYC

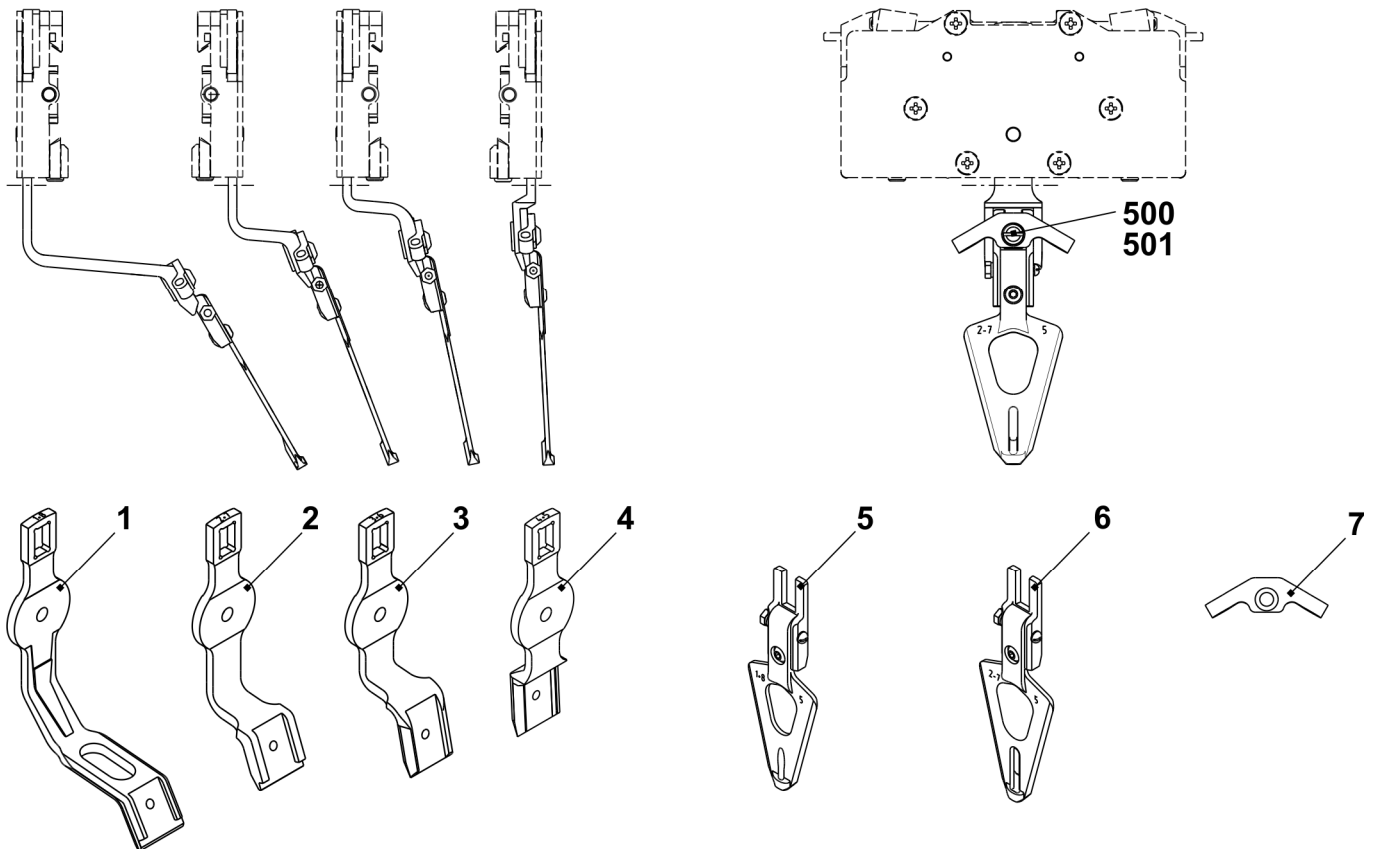
Pos	Designation	Ident No	Pos	Designation	Ident No
1	Basic plate complete	216 031	13	Clamping lever on the left	216 101
2	Slider	217 170	14	Pressure plate 2.04	201 654
3	Locking plunger	212 508		Pressure plate 2.06	208 924
4	Sliding block	212 503		Pressure plate 2.02	235 740
7	Locating pin 3.3	212 504	16	Spring pin	201 677
	Locating pin 3.4	212 505	17	Lifter	212 547
	Locating pin 3.5	212 506	18	Sliding part	212 543
9	Thrust piece	212 773	20	Threaded bolt	213 399
10	Pressure roller	212 774	500	Countersunk head screw M4x6	022 994
11	Cover	212 507	502	Countersunk head screw M4x12.5	022 979
12	Clamping lever on the right	216 100	506	Compression spring 4.0x0.7x25	022 969
			508	Compression spring 2.8x0.35x19	023 394



Bow and head IYC

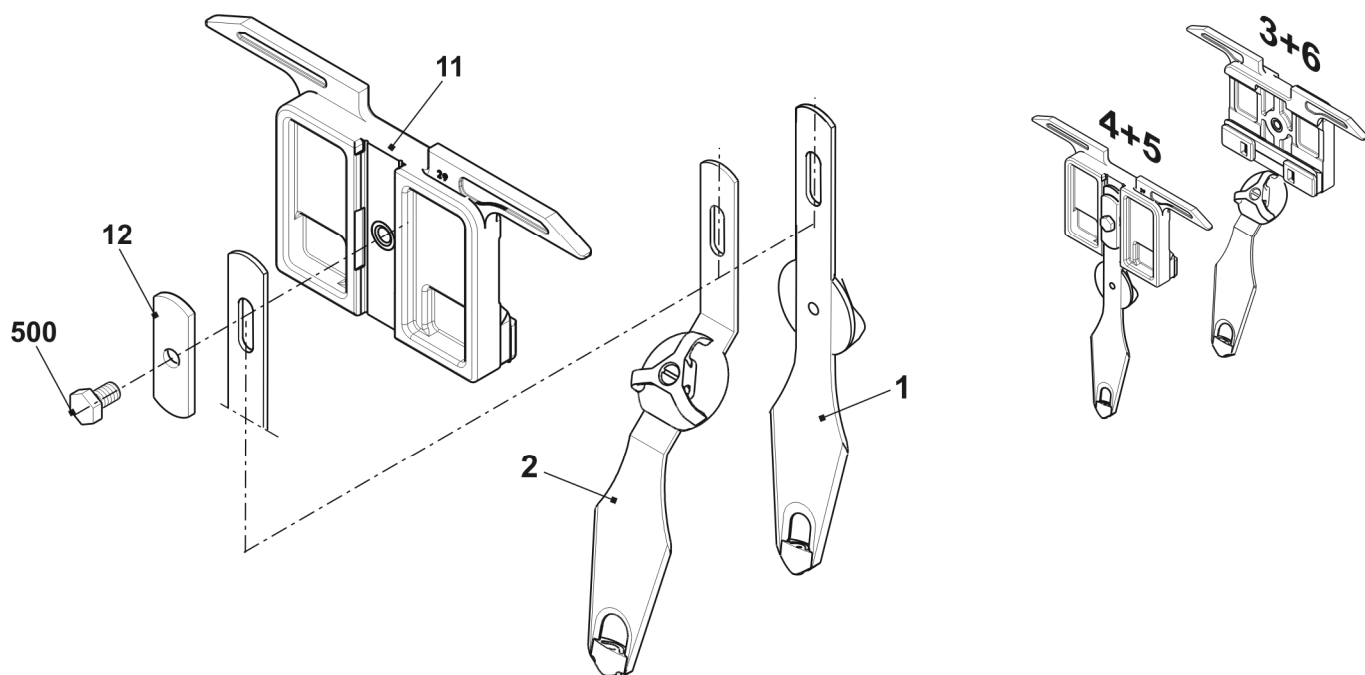
Pos	Designation	Ident No	Pos	Designation	Ident No
1	YC bow 1+8	212 986	7	Yarn guide angle	201 672
2	YC bow 2+7	212 987	510	Cap screw M4x8	022 977
3	YC bow 3+6	212 988	512	Circlip S4-FST	022 774
4	YC bow 4+5	212 989			

Pos	Designation	Gauge	Track	Ident No	Pos	Designation	Gauge	Track	Ident No
5	YC head	E5, E5.2	1 + 8	208 579	6	YC head	E5, E5.2	2 + 7 3 + 6 4 + 5	208 581
		E2,5.2					E2,5.2		
		E3,5.2					E3,5.2		
		E7 - E8		208 580			E7 - E8		208 582
		E6.2					E6.2		
		E10 - E12		209 700			E10 - E12		209 701
		E6.2(12)					E6.2(12)		
		E7.2					E7.2		
		E9.2					E9.2		
		E14		213 864			E14		213 865
		E8.2					E8.2		
		E16 - E18		227 109			E16 - E18		227 113



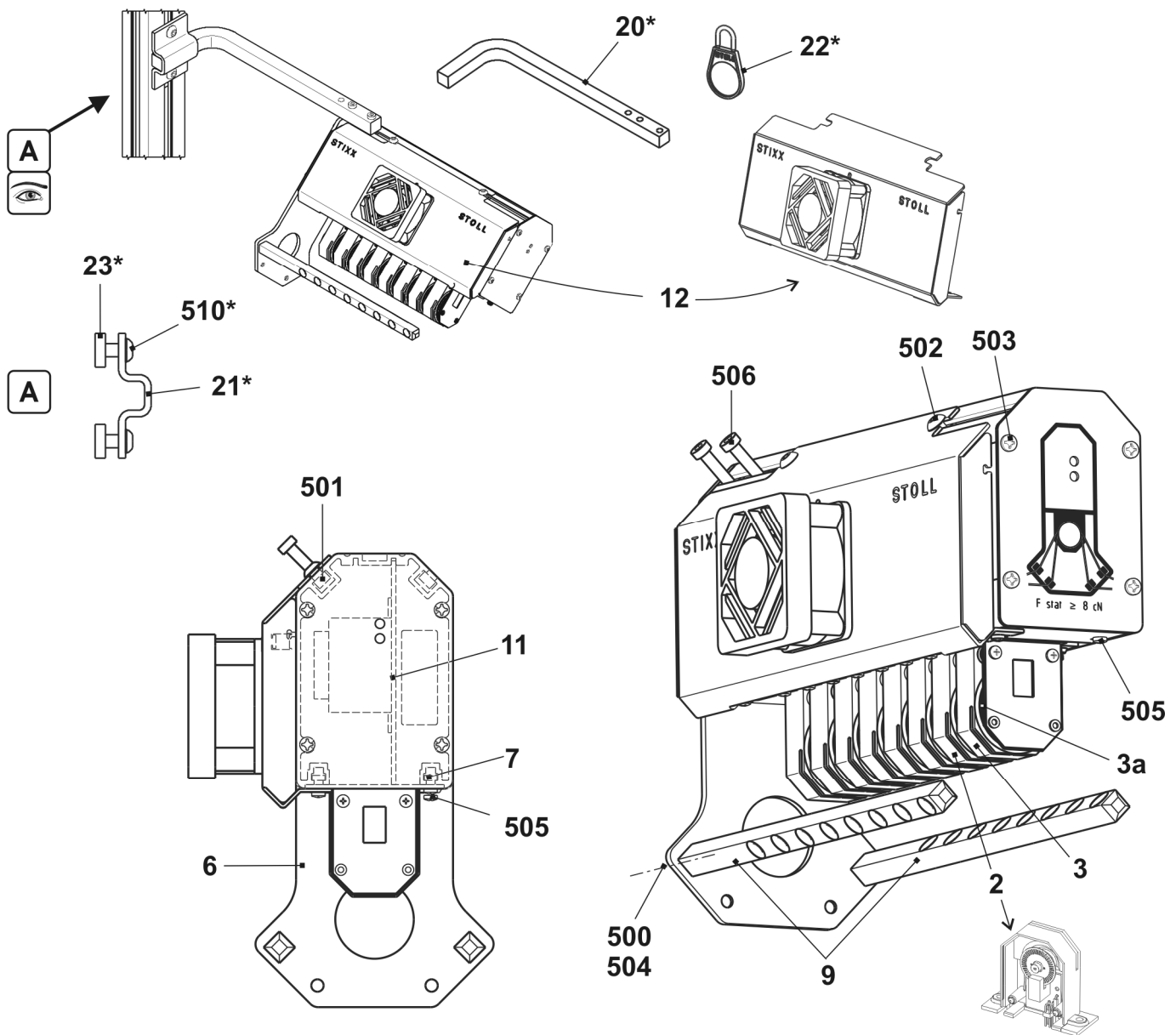
Bow of plating yarn carrier

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Plating YC bow 4+5	214 591	2	Plating YC bow 3+6 E3 - E4	214 590
	Plating YC bow 4+5 E5 + E2,5.2 + E3,5.2 + E5.2	213 326		Plating YC bow 3+6 E5 + E2,5.2 + E3,5.2 + E5.2	213 328
	Plating YC bow 4+5 E7 - E8 + E6.2	213 327		Plating YC bow 3+6 E7 - E8 + E6.2	213 329
	Plating YC bow 4+5 E10 - E14 + E7.2 + E9.2	213 330		Plating YC bow 3+6 E10 - E14 + E7.2 + E9.2	213 331
11	YC carriage complete	243 062	500	Hexagon screw M5x10	020 351
12	Shim	213 035			



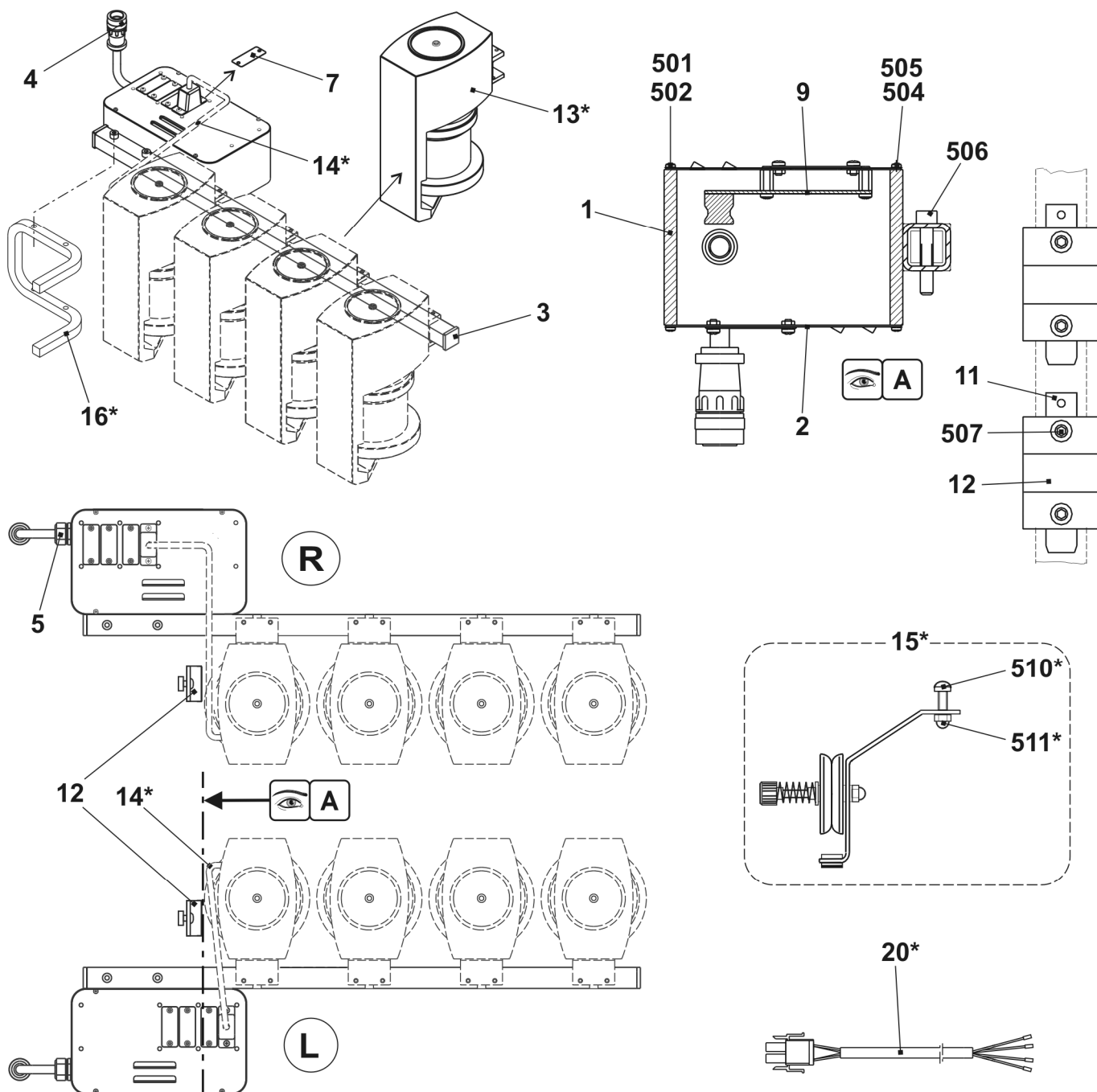
STIXX device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	STIXX 3 device	236 275	22*	Setting weight	212 241
2	Sensor	211 354	23*	Threaded bar	200 223
3	Sensor complete	212 406	500	Countersunk screw M5x10	023 247
3a	Rubber running ring	212 390	501	Spring nut M5	022 873
6	Support	236 278	502	Countersunk screw M5x6	023 246
7	Threaded bar	211 801	503	Sheet metal screw ST3.5x13	022 940
9	Yarn guide rod	211 352	504	Spring washer A5	022 454
11	Card STIXX-CPU	300 934	505	Oval head screw with washer M3x10	023 380
12	Ventilator complete	212 255	506	Cap screw M5x22	023 193
20*	Support	223 029	510*	Countersunk screw M6x16	023 113
21*	Clamp	228 583			



IRO NOVA storage feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Nova support on the left complete	223 960	13*	Storage feed wheel Nova	212 824
Σ R	Nova support on the right complete	224 382	14*	Connecting cable 970	202 956
1	Feed wheel support	202 803	15*	Feed wheel brake	208 901
2	Cover plate	202 806	16*	Support	224 192
3	Square plug	202 860	20*	Cable mains supply transformer Nova	224 641
4	Cable feed wheel Nova	203 470	501	Countersunk screw ISO 7045 - M3x5	023 030
5	Cable screwing	008 351	502	Washer DIN 125 - A3.2-140HV	022 806
7	Cover	201975	504	Countersunk screw ISO 7045 - M4x6	022 946
9	Electronic jack feed wheel	300 176	505	Disc DIN 433 - 4.3 - 140HV	020 879
11	Threaded bar	200 223	506	Cap screw DIN 912 - M8x45	020 146
12	Clamp	228 583	507	Oval head screw M8x16 galv.	023 113



Additional board

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Additional board	241 852	4	Disc D=130	062 385
1	Additional board welded	241 851	500	Countersunk screw M4x30	023 681
2	Positioning pin	202 777	501	Washer 5.3x30x1.25	023 556
3	Bobbin support	200 363			

