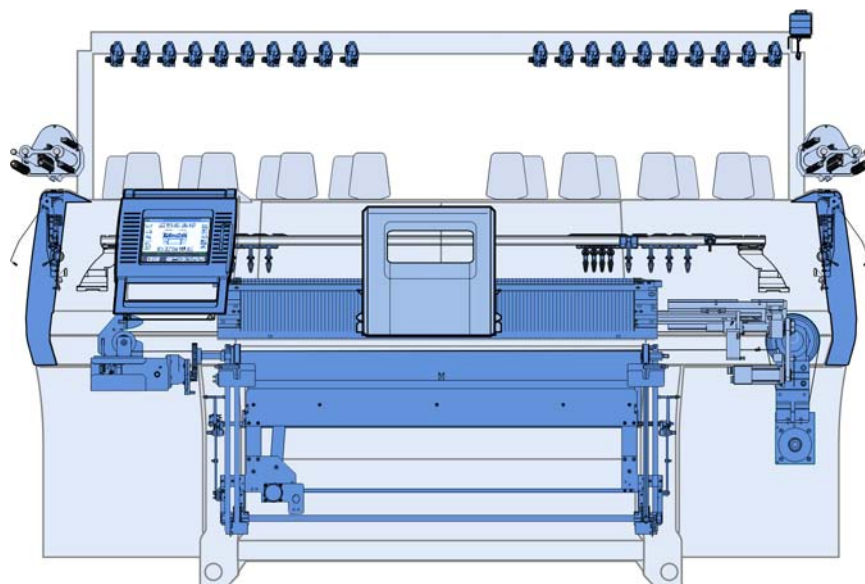


Spare Parts Catalog

CMS 520 (Type 567)

Component type 003



Document-No. 243954_07_GB

Issue 10/2008

Impressum

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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., designation, id, 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

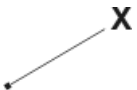
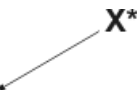
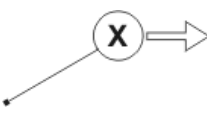
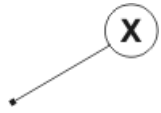
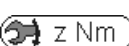
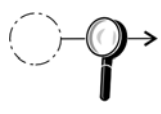
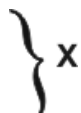
Page no.	Designation	Ident no.	Piece no.	Comment

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
Σ	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.
	Explosion representation, single elements enlarged.
	Indicates a group of parts.
	Indicates the left side or view.
	Indicates the right side or view.
	Indicates a section or a view in the viewing direction.

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 screw 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.

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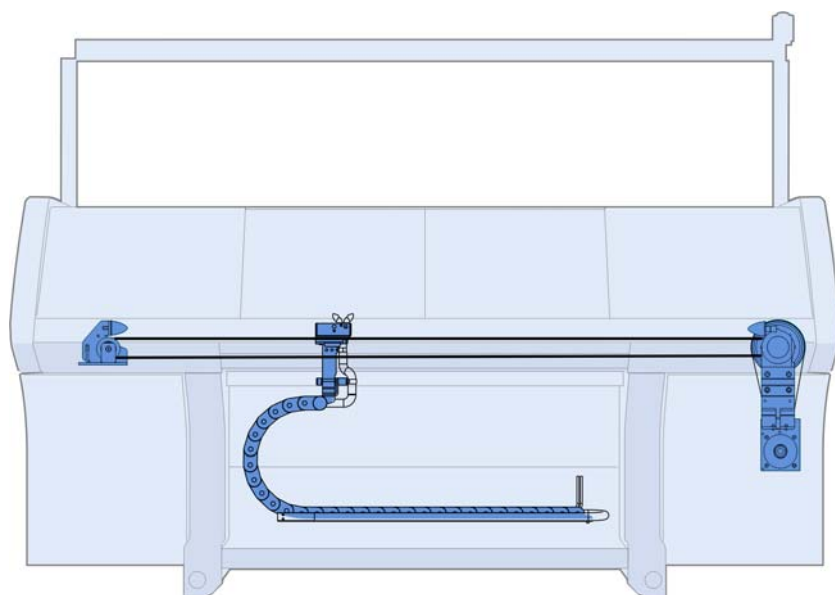
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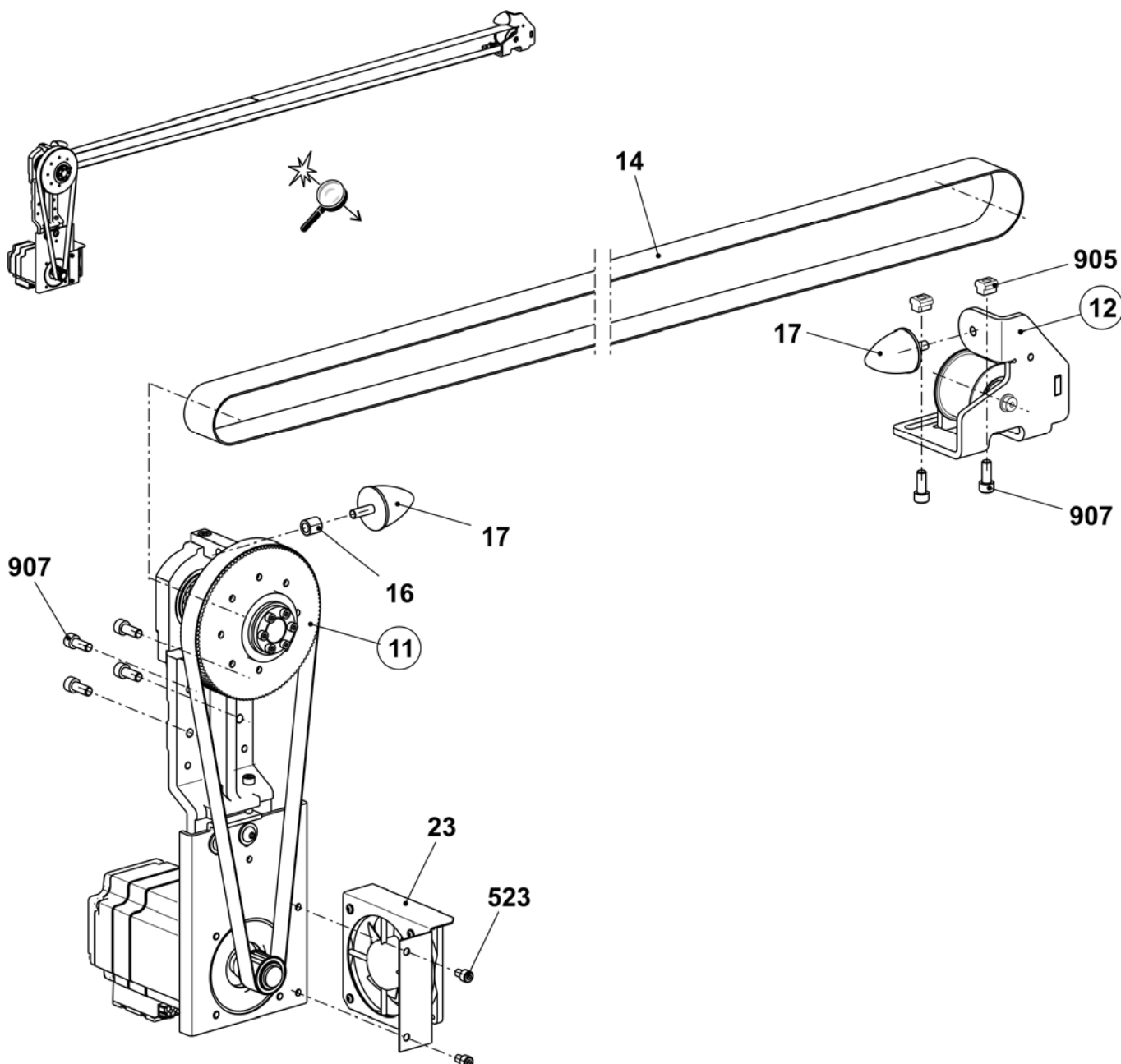
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Carriage drive



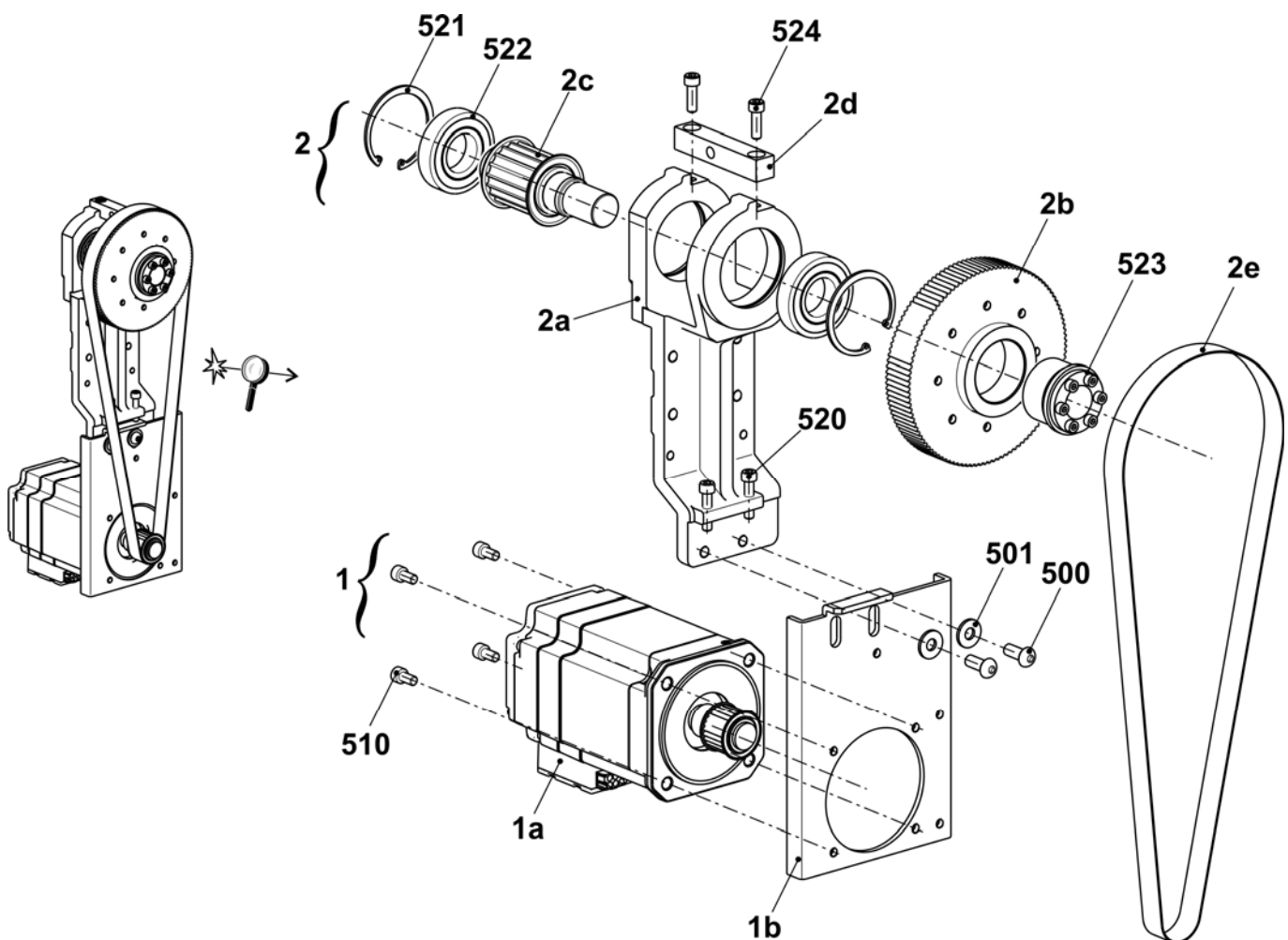
Drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive unit		17	Parabolic spring	200 661
11	Drive unit complete	253 877	23	Ventilator complete	253 692
12	Tension bearing complete	251 581	523	Cap screw M8X12	023 138
14	Toothed belt 50AT10/4670	253 890	905	Nut M10X12	023 471
16	Distance pipe	222 099	907	Cap screw M10x25	020 157



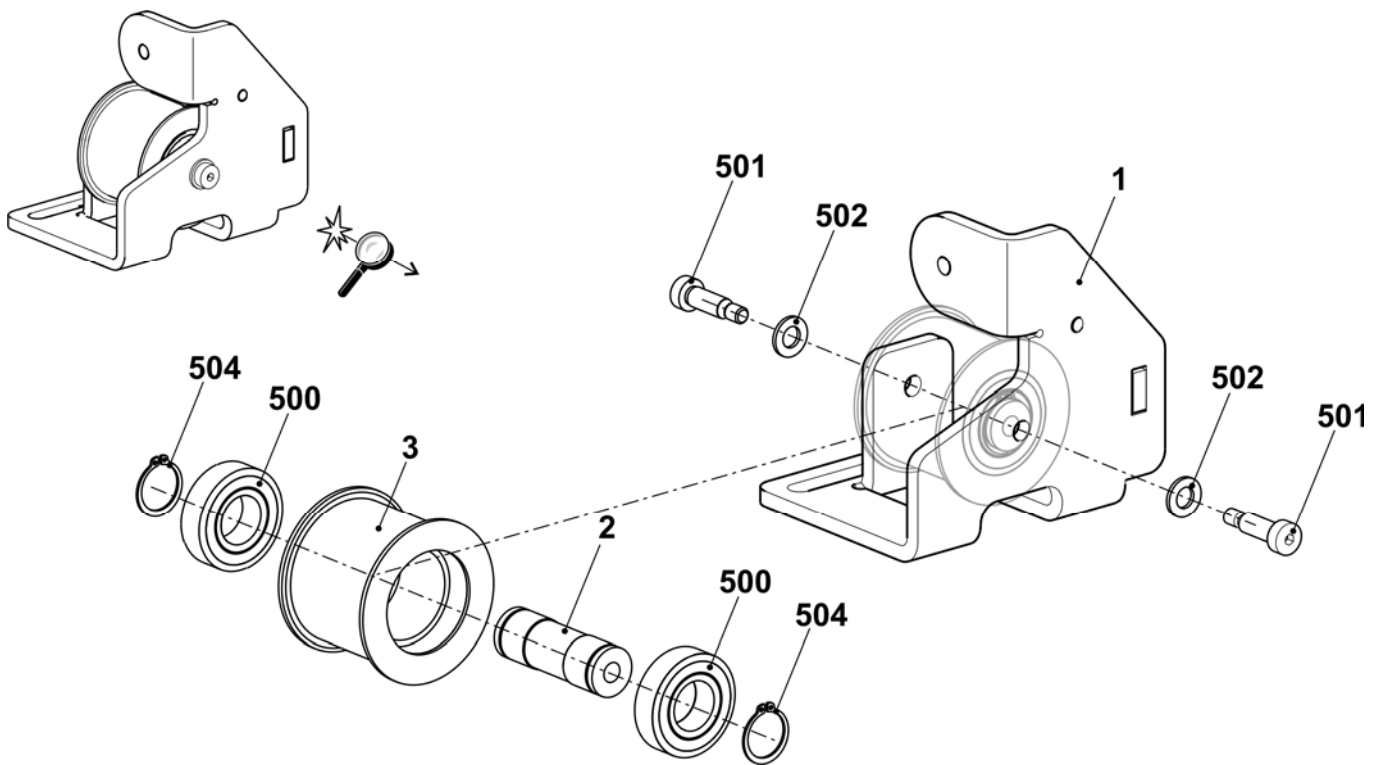
Motor and belt drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive unit complete	253 877	2	Drive bearing complete	255 005
1	Drive unit	253 878	2a	Drive bearing	241 654
1a	Drive motor complete	240 740	2b	Timing belt pulley	240 616
1b	Motor plate	253 691	2c	Pinion 57 AT10 18	242 039
510	Cap screw M8X16	023 629	2d	Support buffer	222 100
500	Countersunk screw M10X25	023 684	2e	Toothed belt	252 594
501	Disc 10.5X25X2.5	022 178	520	Cap screw M8X35	020 144
			521	Locking ring 68x2.5	022 914
			522	Ball bearing 6207-2RS	022 915
			523	Tension set 30X55	023 208
			524	Cap screw M8X25 12.9	020 142



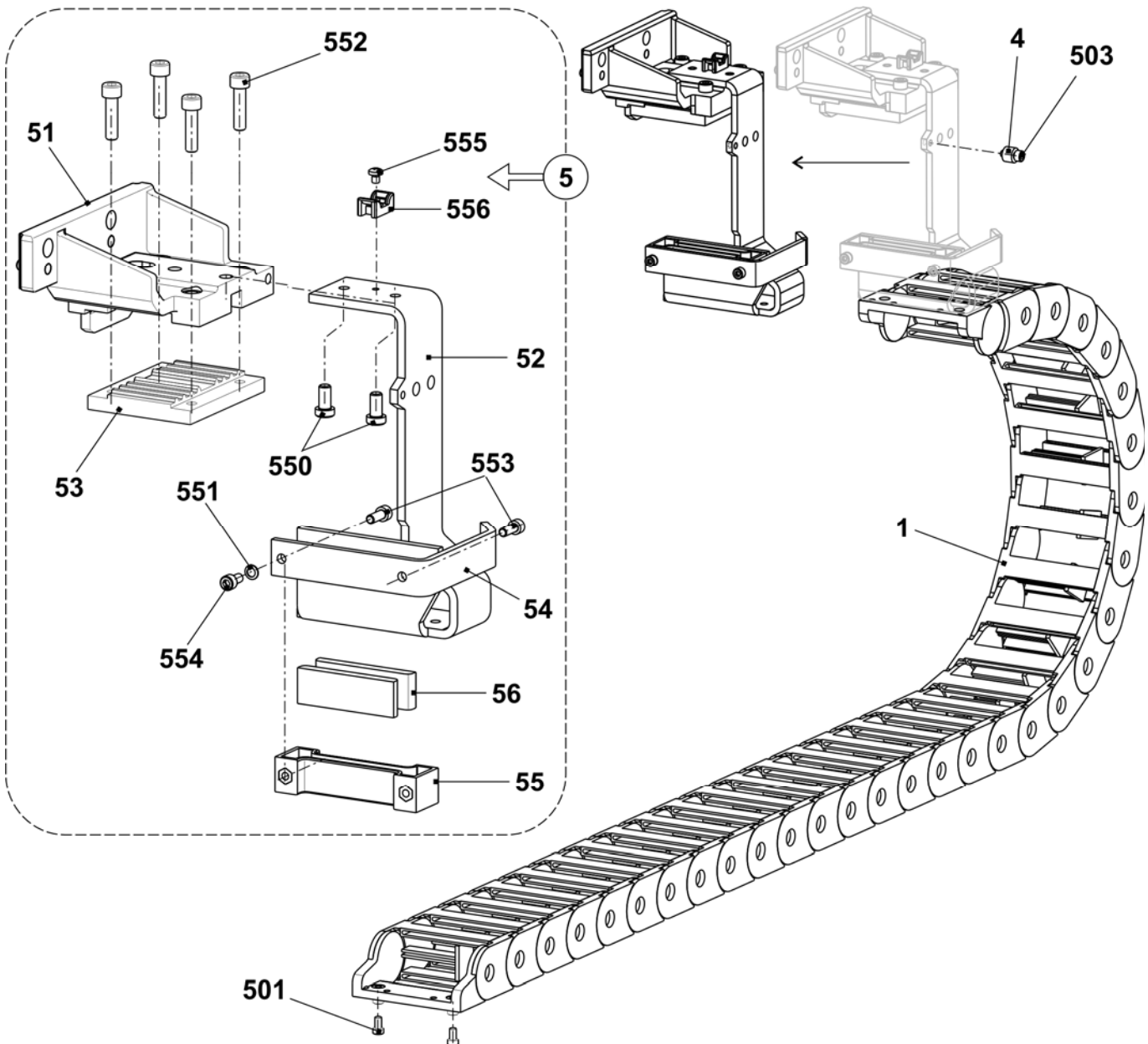
Tension bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension bearing complete	251 581	500	Ball bearing 6205-2RS	023 559
1	Tension bearing	251 560	501	Cap screw M10x25	023 751
2	Axle	251 579	502	U-washer	020 874
3	Tension roller	251 580	504	Locking ring 25x1.2	251 617

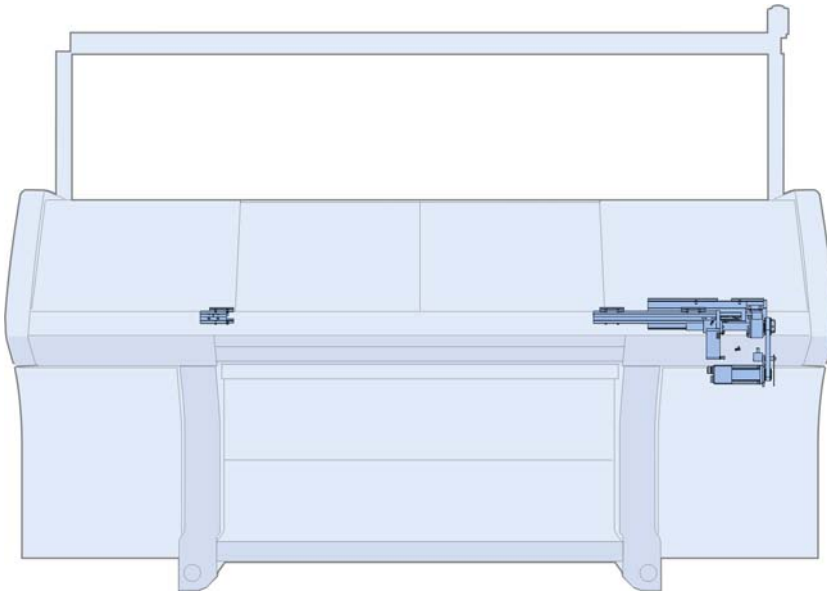


Energy chain and carriage driver

Pos	Designation	ID	Pos	Designation	ID
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	242 398	552	Cap screw M8X30	020 143
51	Carriage driver	242 255	553	Cap screw M6x16	020 135
52	Cable driver	251 626	554	Cap screw M6x12	020 134
53	Clamping plate	226 111	555	Countersunk screw M5x6	023 284
54	Cover strip	230 698	556	Fixing element	026 489
55	Cable holder	204 688			

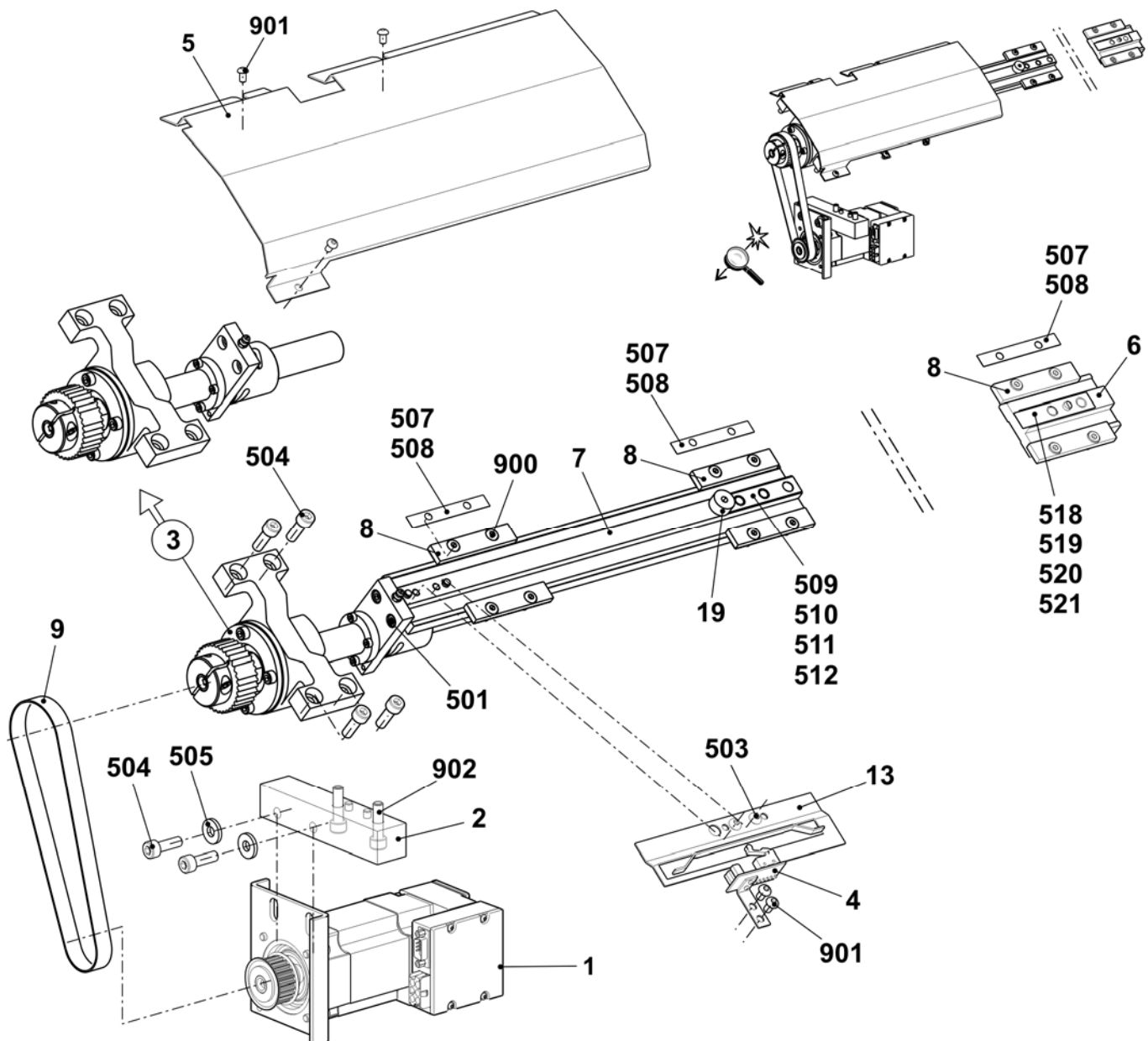


Racking

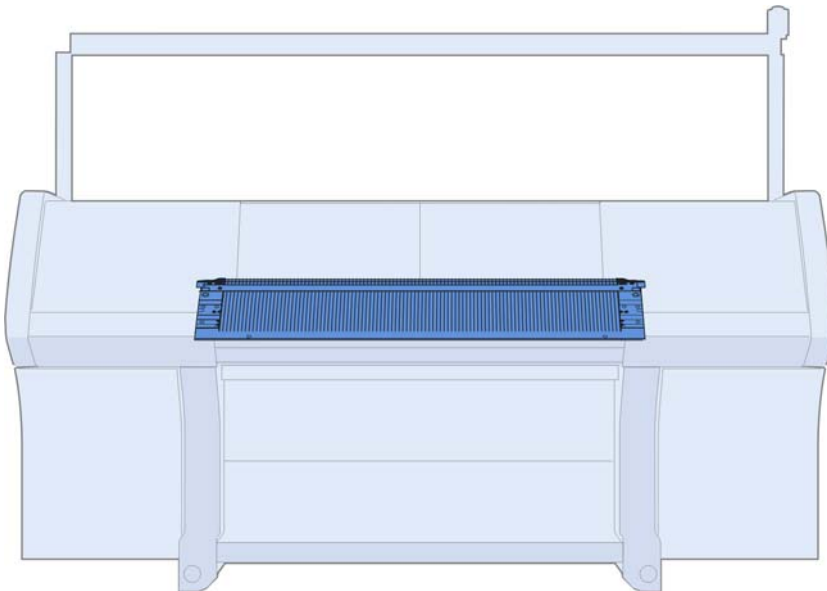


Racking drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Racking				
1	Three phase servo motor racking complete	241 454	505	Washer 8.4X20X3	022 175
2	Bearing	227 605	507	Shim 0.03x11x80	023 286
3	Spindle bearing	253 262	508	Shim 0.05x11x80	023 287
4	Card racking limit switch	229 396	509	Shim 0.03x15x85	023 162
5	Racking cover plate	240 721	510	Shim 0.05x15x85	023 163
6	Racking strip on the left	240 696	511	Shim 0.1x15x85	023 164
7	Racking strip	240 690	512	Shim 0.2x15x85	023 170
8	Guide strip	206 382	518	Shim 0.03x15x75	023 395
9	Toothed belt 150 S 5M 490	229 281	519	Shim 0.05x15x75	023 396
13	Switching metal plate	240 722	520	Shim 0.1x15x75	023 397
19	Stop screw	221 386	521	Shim 0.2x15x75	023 398
501	Cap screw M6x16	023 116	900	Cap screw M6x12	022 795
503	Countersunk screw M6x10	023 183	901	Countersunk screw M6x10	023 183
504	Cap screw M8X25	020 142	902	Cap screw M8X30	020 143

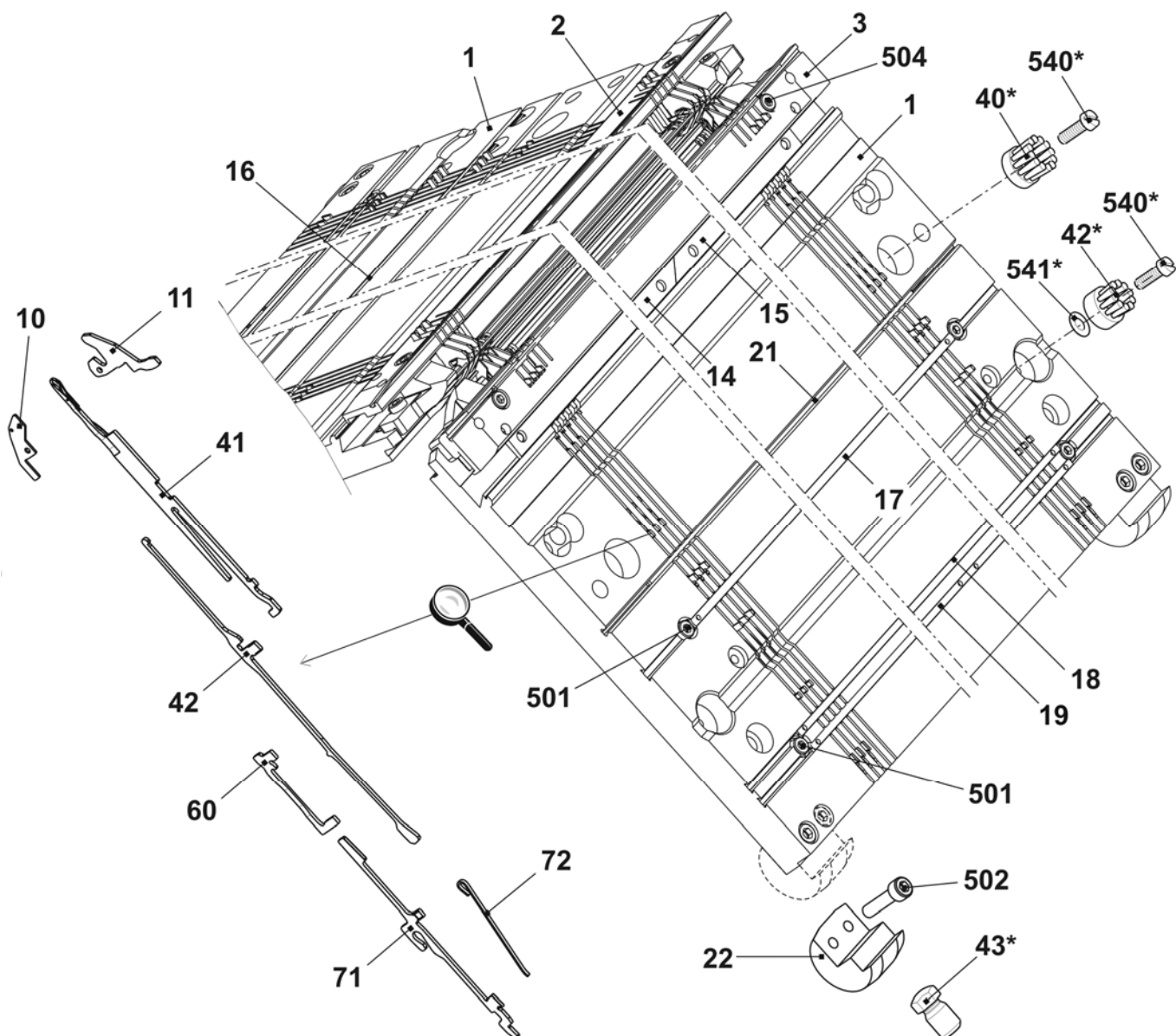


Needle beds



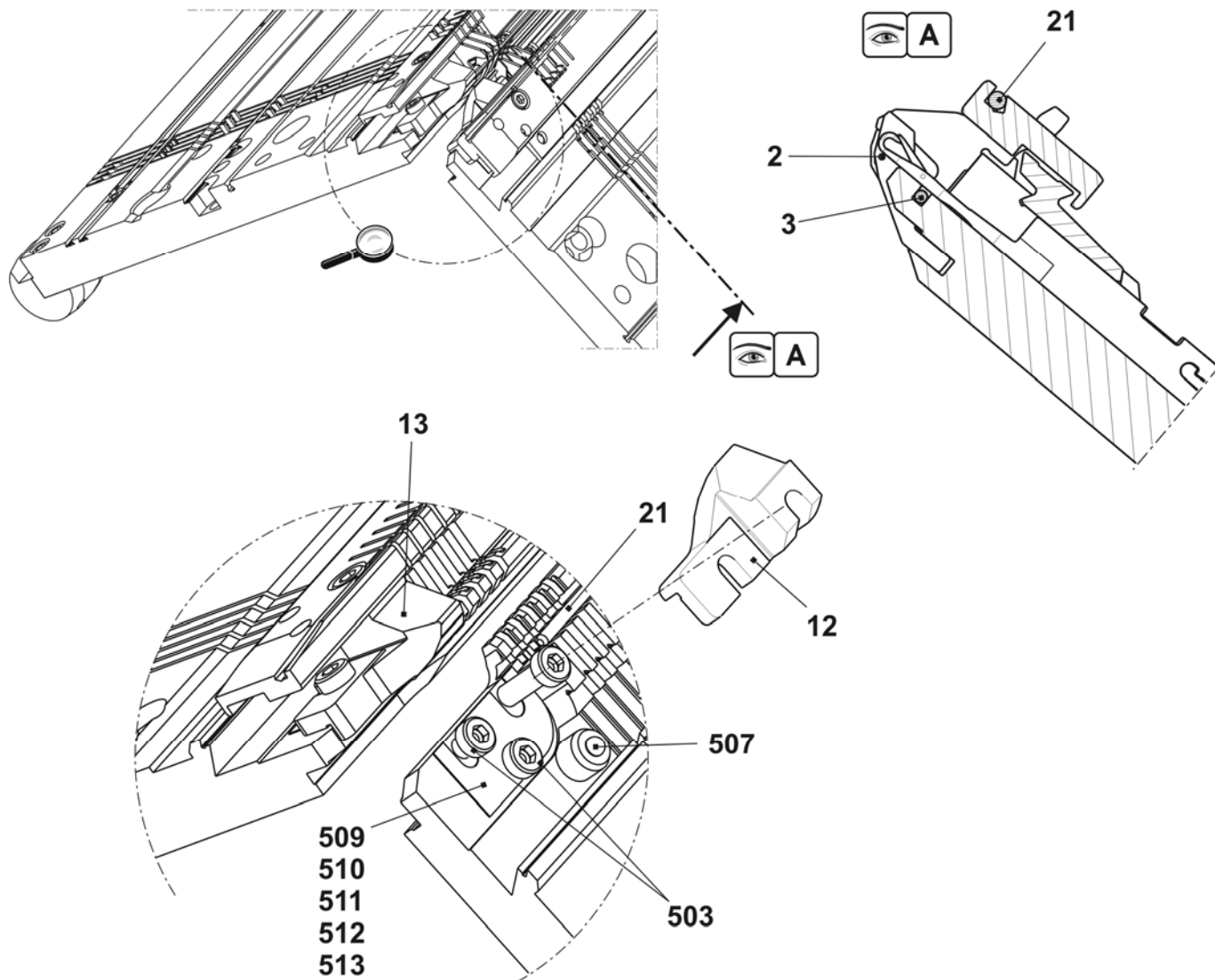
Needle bed E5

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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	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*	Disk brush	235 612
10	Knock-over bit E5	204 996	42*	Disk 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			



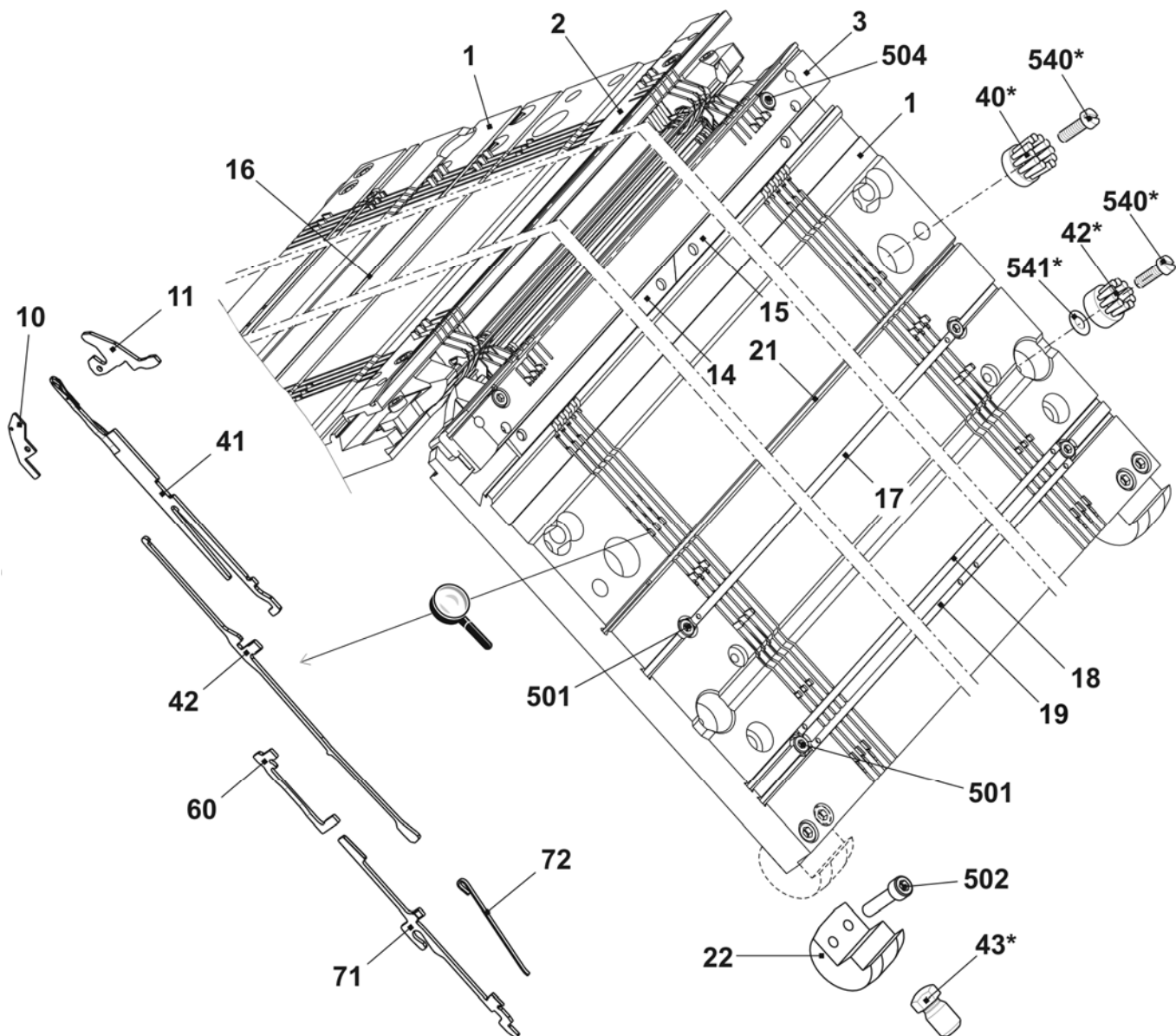
Continuation needle bed E5

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø1.0	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire ø 2.0	213 996	509	Shim 0.02x18.5x34	023 194
12	Spring steel wire ø2.0	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the left E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Limiter on the right E4-E8	213 983	512	Shim 0.1x18.5x34	023 197
503	Fixed wire Ø2.8	023 154	513	Shim 0.2x18.5x34	023 253



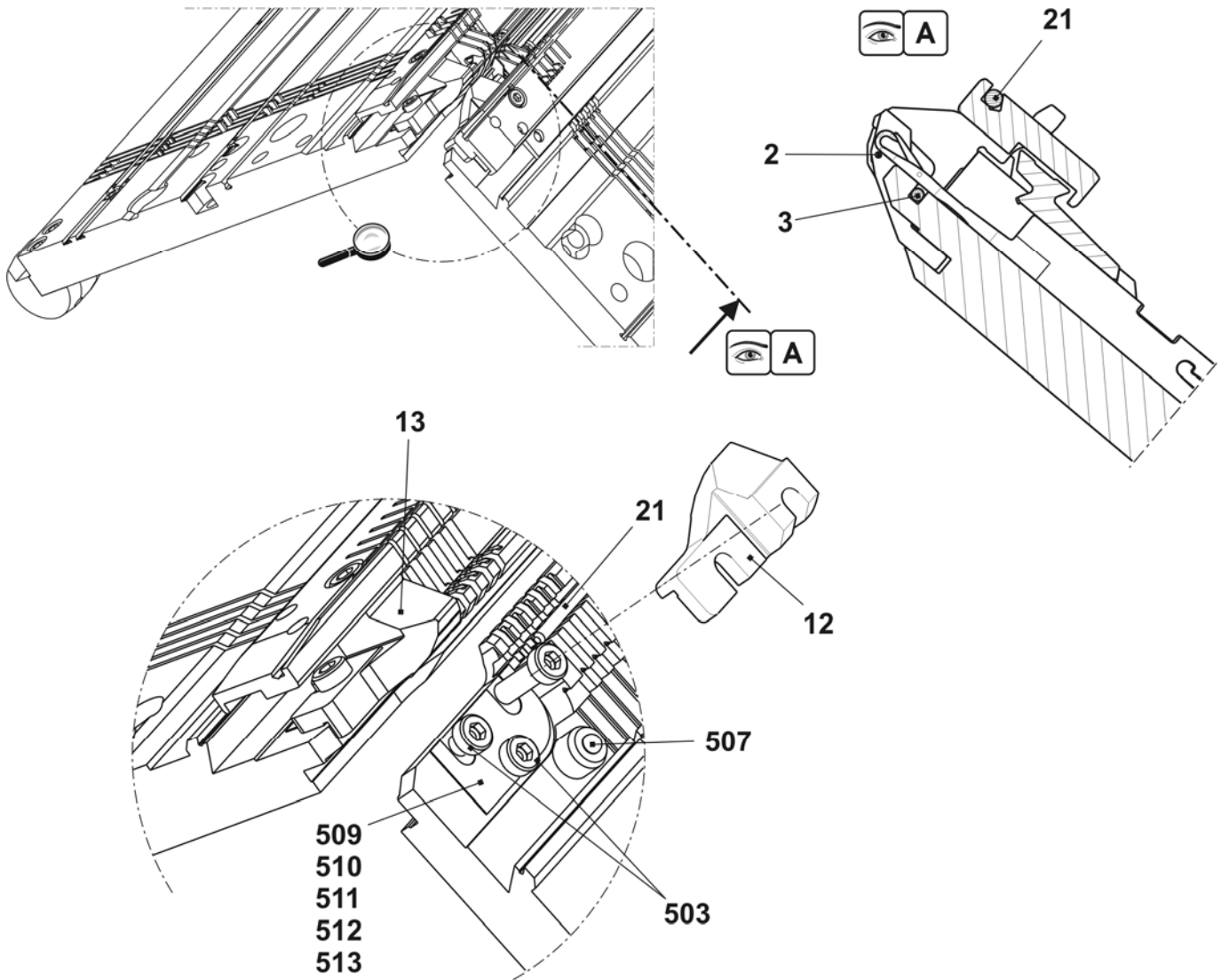
Needle bed E7

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + 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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E7	207 055	42*	Disk 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			



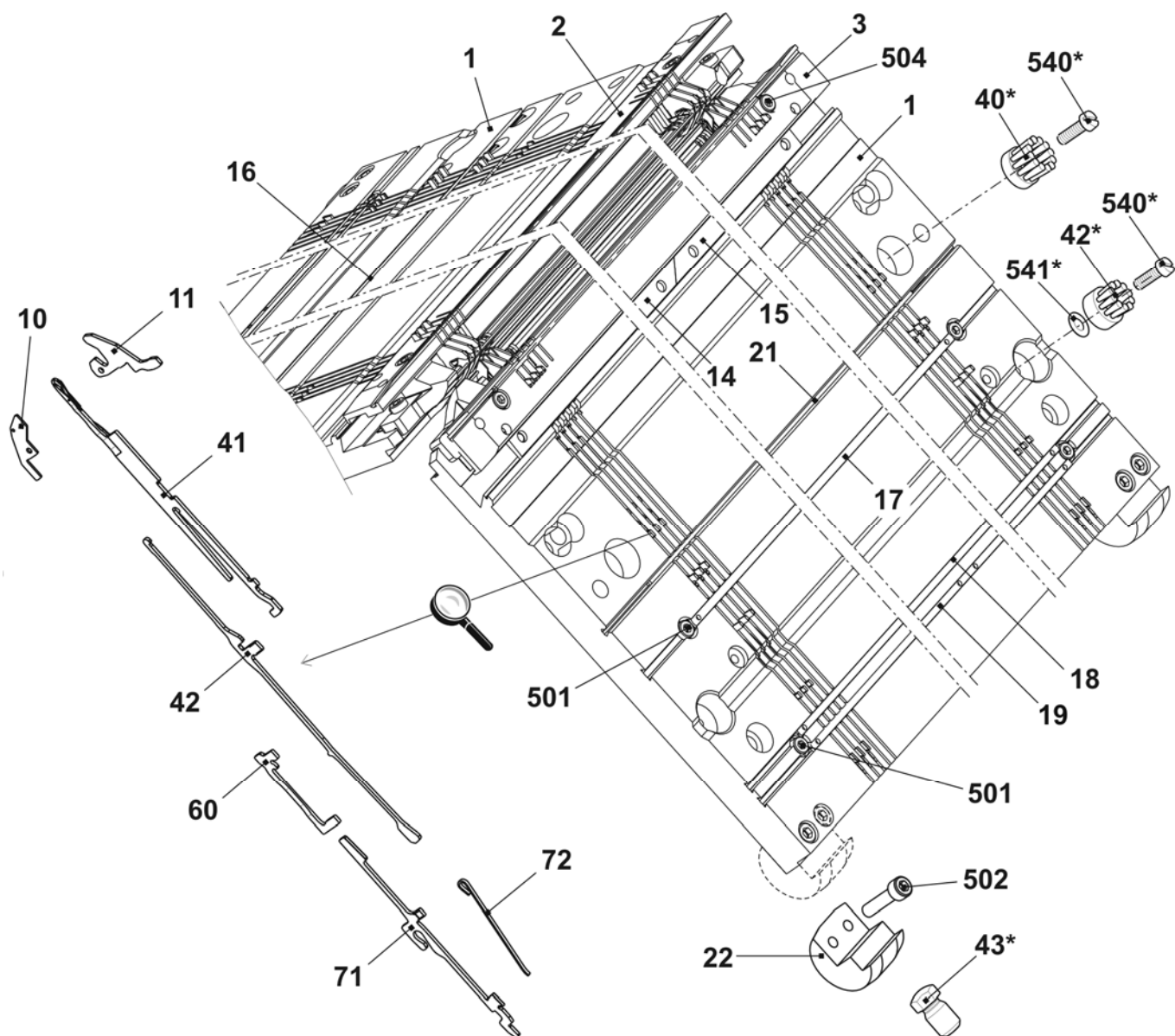
Continuation needle bed E7

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



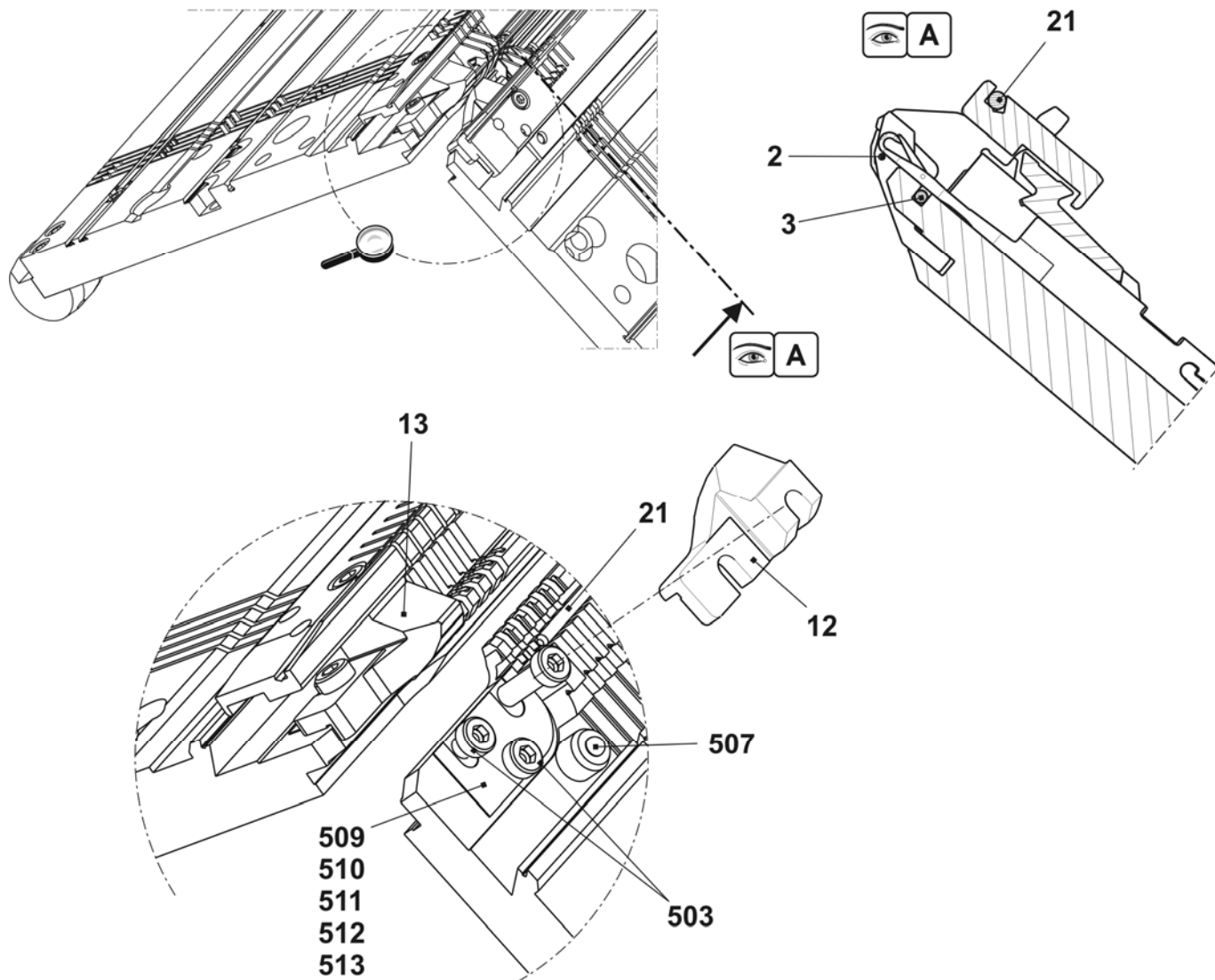
Needle bed E8

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E8	207 054	42*	Disk 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			



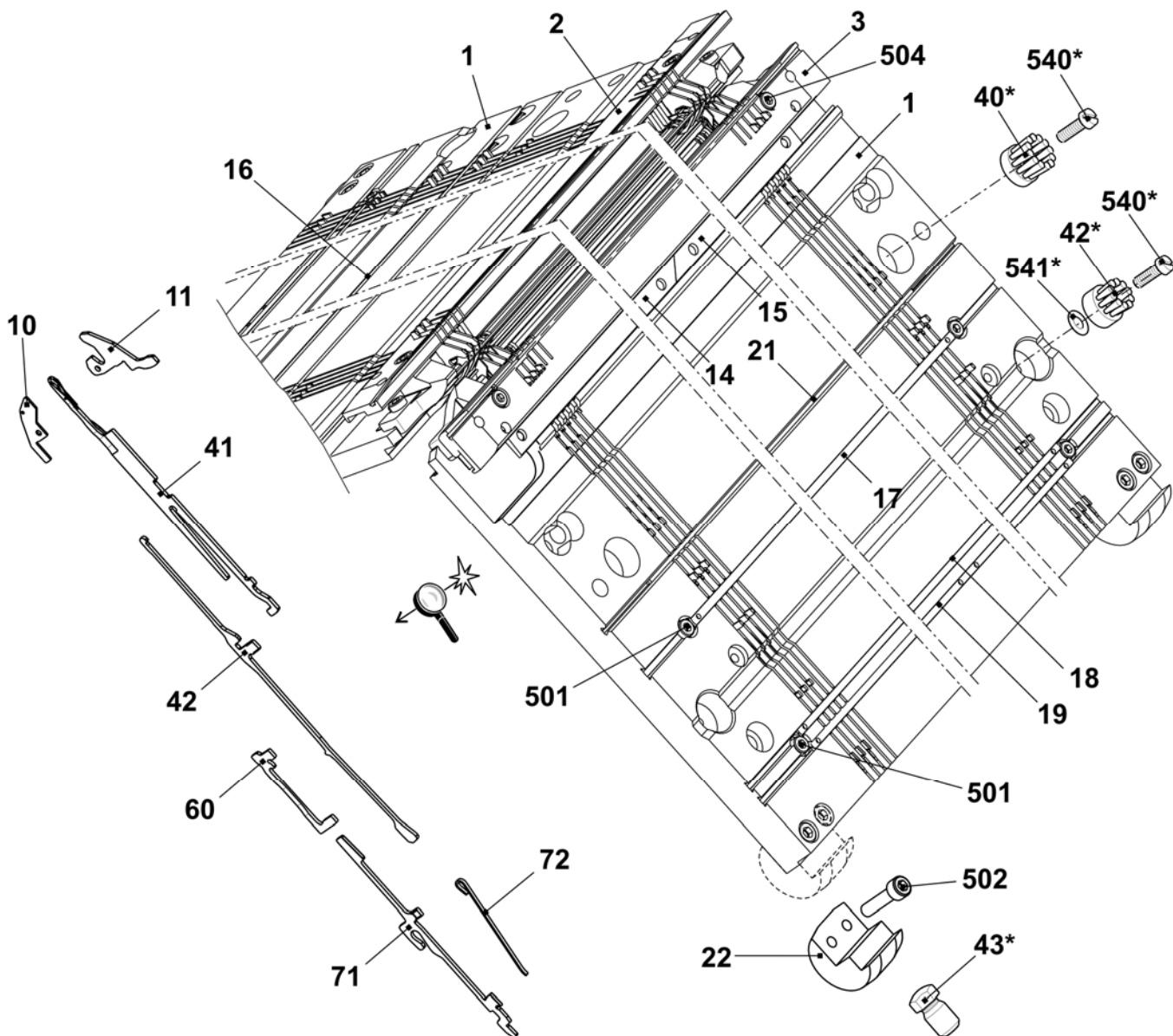
Continuation needle bed E8

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



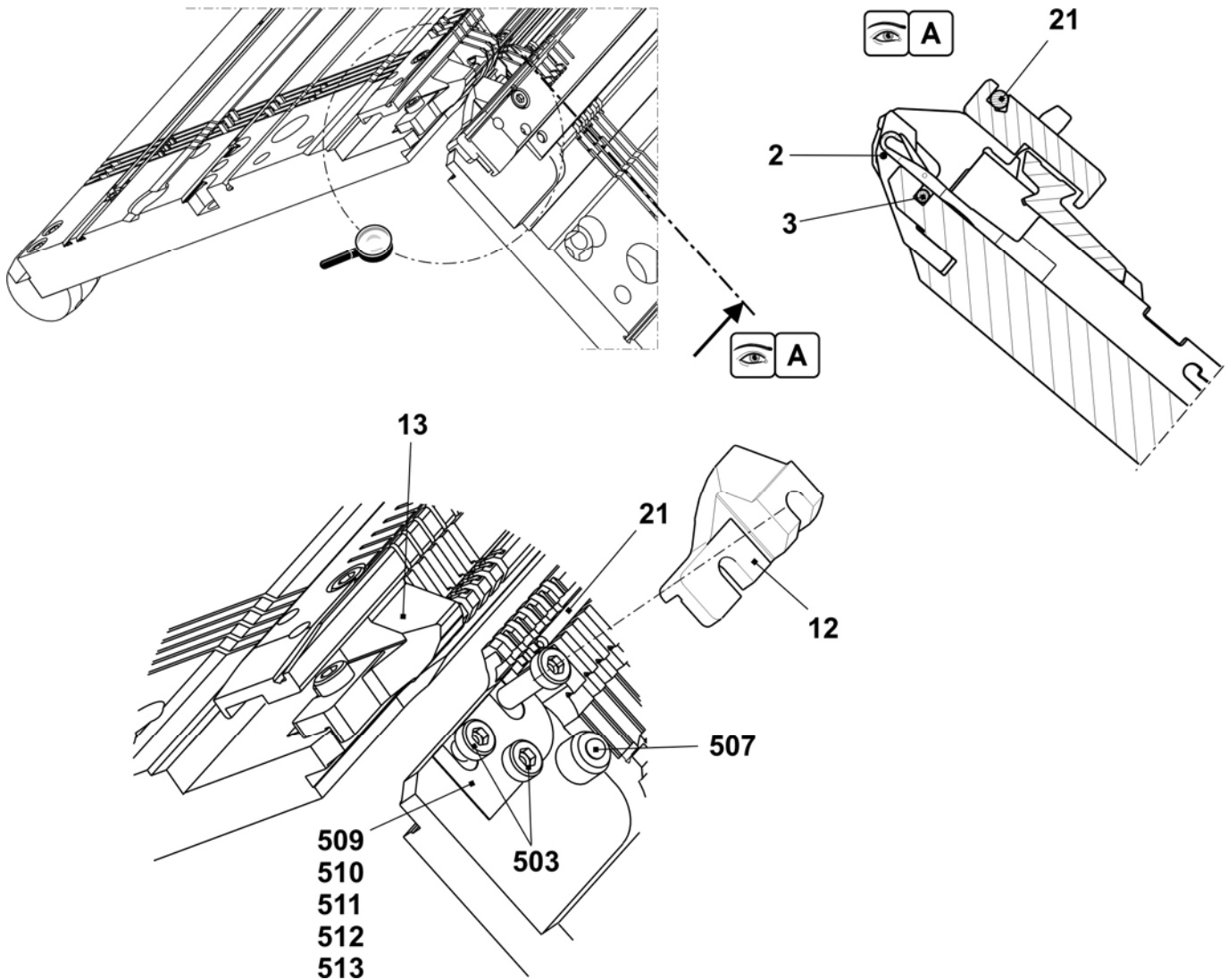
Needle bed E10

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E10	239 756	42*	Disk 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			



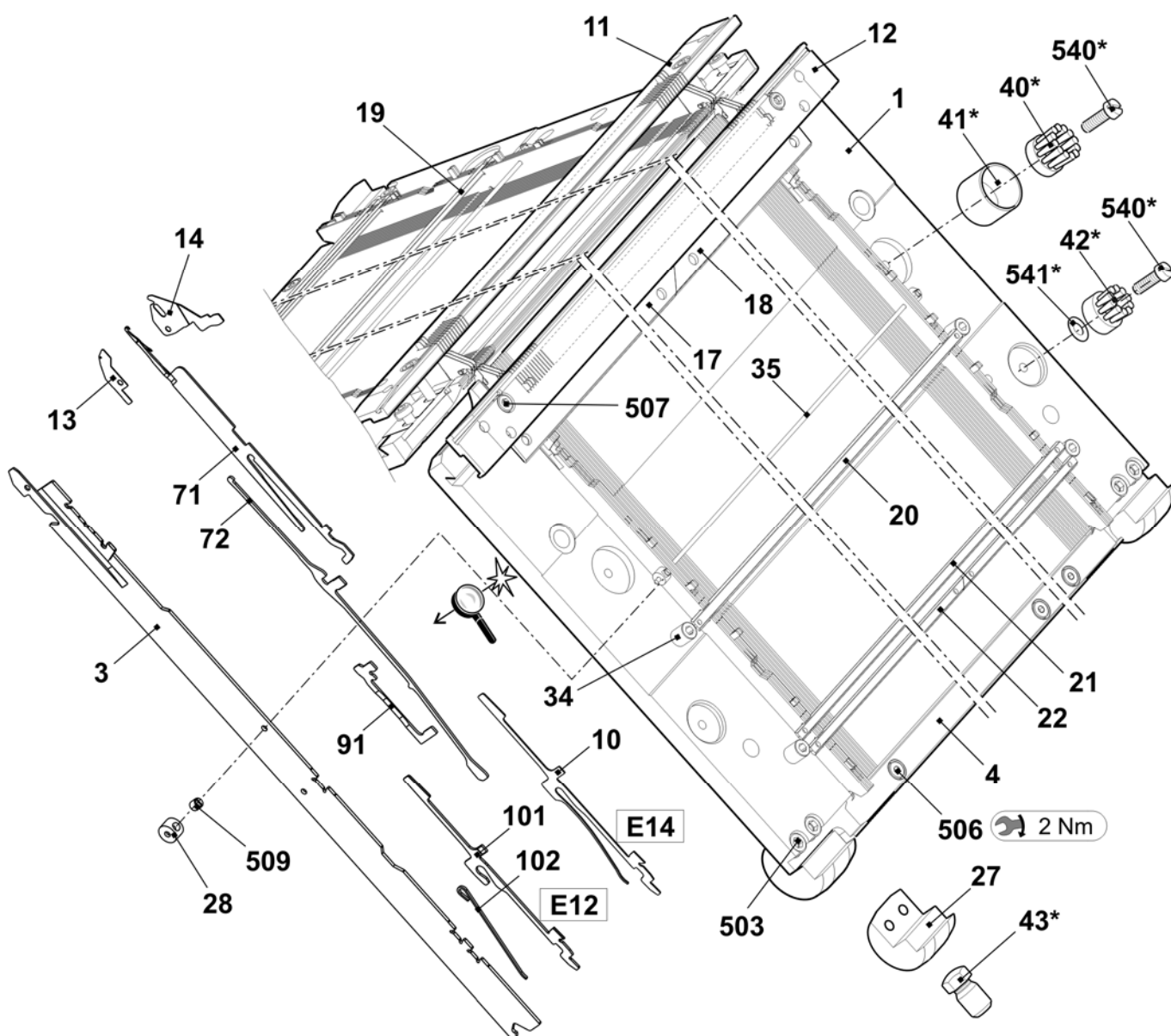
Continuation needle bed E10

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire $\varnothing 0,6$ E10 – E14	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire $\varnothing 2.0$	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 $\varnothing 2.8$	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



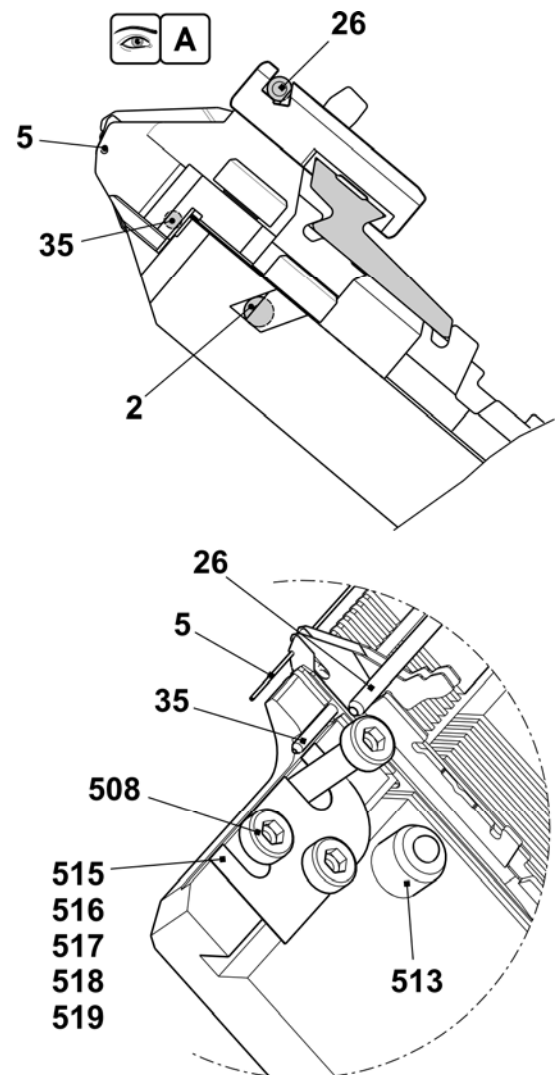
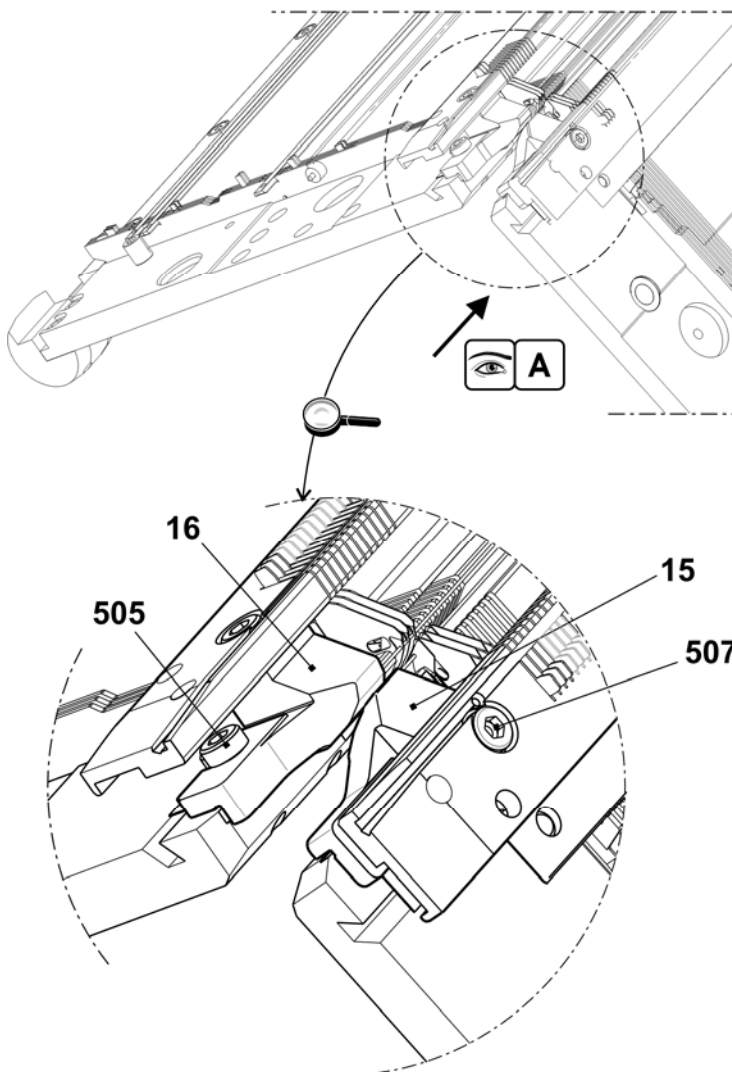
Needle bed E12

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E12	253 710			
1	Needle bed at the front rear E12	253 708	21	Cover rail	213 762
3	Main trick wall E12	252 628	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
71	Needle E12	204 009	28	Bush	206 090
72	Coupling part E10-12	200 683	34	Stop screw	214 039
91	Intermediate slider E10-12	237 324	35	Spring steel wire ø2.0	245 320
101	Selection jack E10-12	200 688	40*	Disk brush	235 612
102	Selector spring E10-12	200 691	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E12	240 448	42*	Disk brush	202 600
12	Holding-down jack bed at the front E12	240 431	43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013	540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E12	227 821	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037	509	Set screw M3.5x3-1	020 512



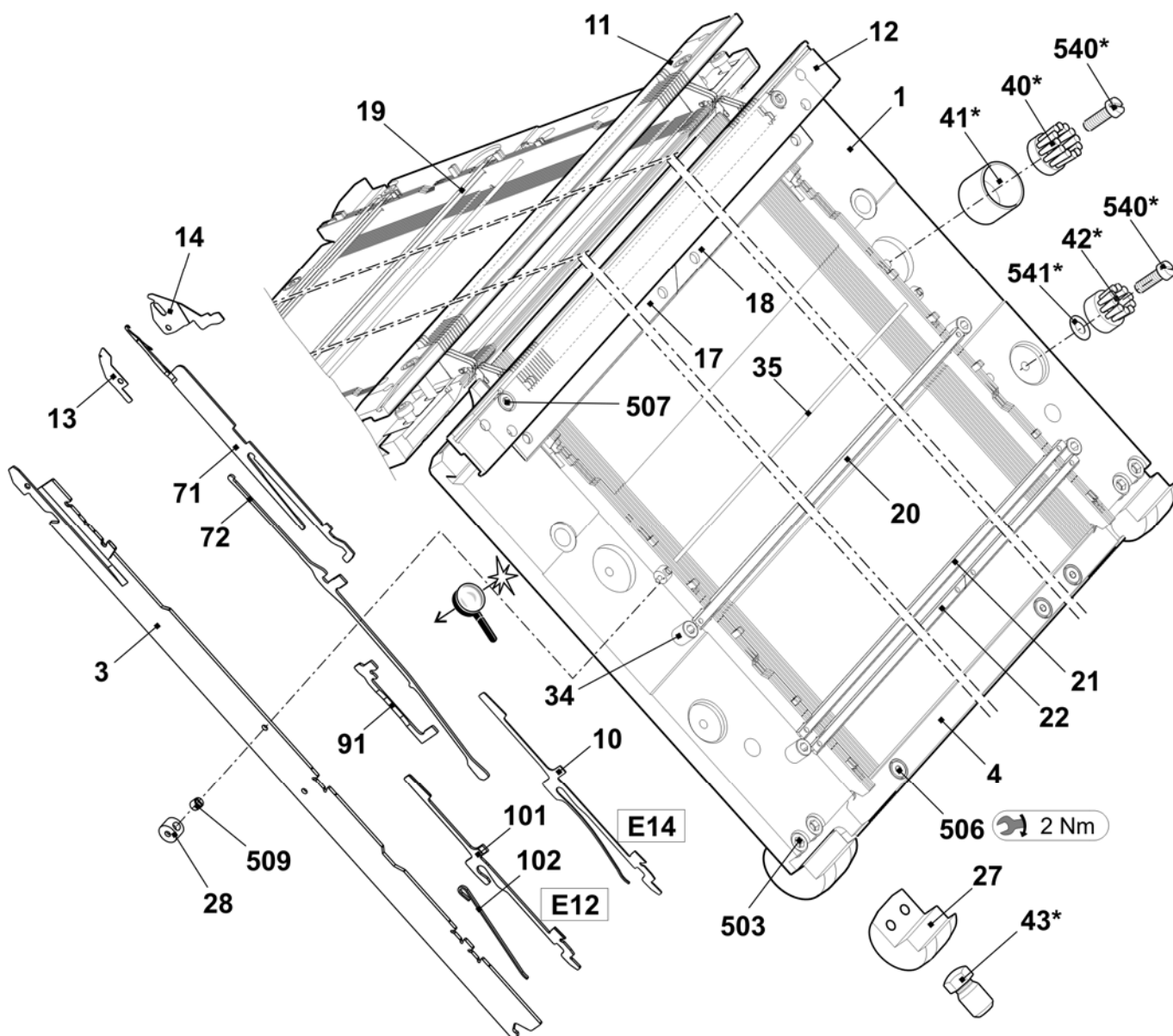
Continuation needle bed E12

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire $\varnothing 3.4$	213 995	508	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990	513	Sprung thrust piece	023 177
15	Limiter on the left E10 – E14	205 764	515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10 – E14	205 765	516	Shim 0.03x18.5x34	023 195
26	Fixed wire $\varnothing 2.8$	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire $\varnothing 2.0$	245 320	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154	519	Shim 0.2x18.5x34	023 253
507	Cap screw M5x22	023 193			



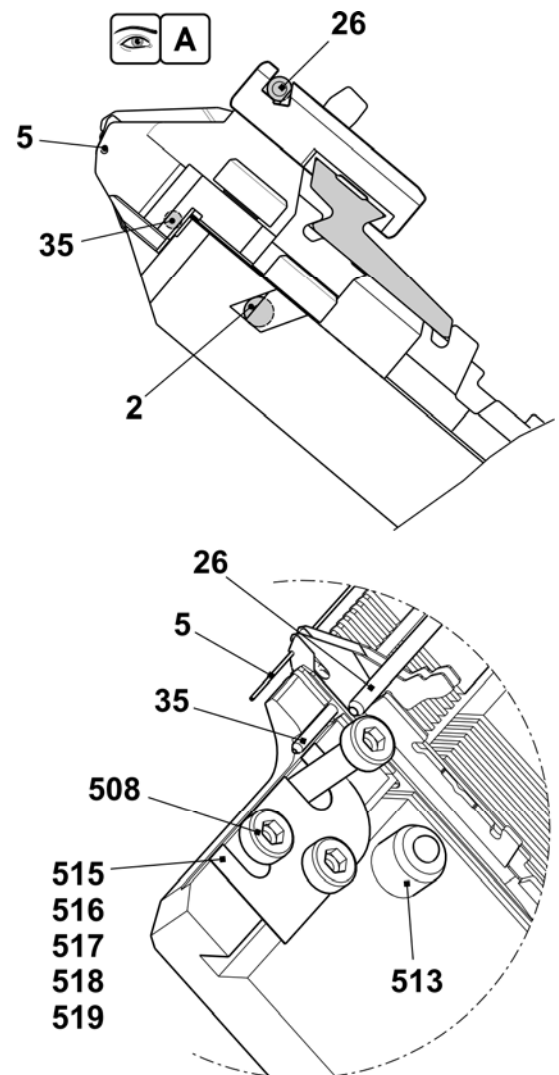
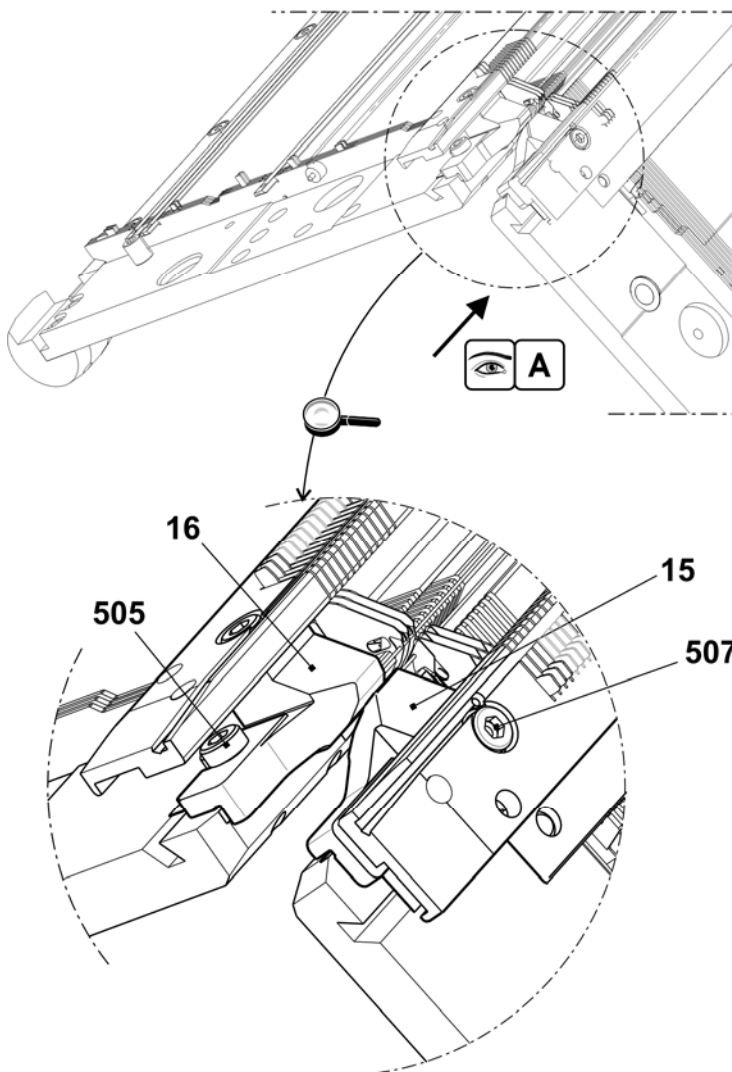
Needle bed E14

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E14	253 711	21	Cover rail	213 762
1	Needle bed at the front and rear E14	253 709	22	Cover rail	213 763
3	Main trick wall E14	252 629	27	Support	241 339
4	Pressure slide E10 – E14	213 919	28	Bush	206 090
71	Needle E14	209 614	34	Stop screw	214 039
72	Coupling part E14	209 633	35	Spring steel wire ø2.0	245 320
91	Intermediate slider E14	237 373	40*	Disk brush	235 612
10	Selection jack with spring E14	224 725	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E14	240 449	42*	Disk brush	202 600
12	Holding-down jack bed at the front E14	240 432	43*	Adjusting bolt	240 765
13	Knock-over bit E14	209 649	540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E14	235 262	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E14	214 038	509	Set screw M3.5x3	020 512



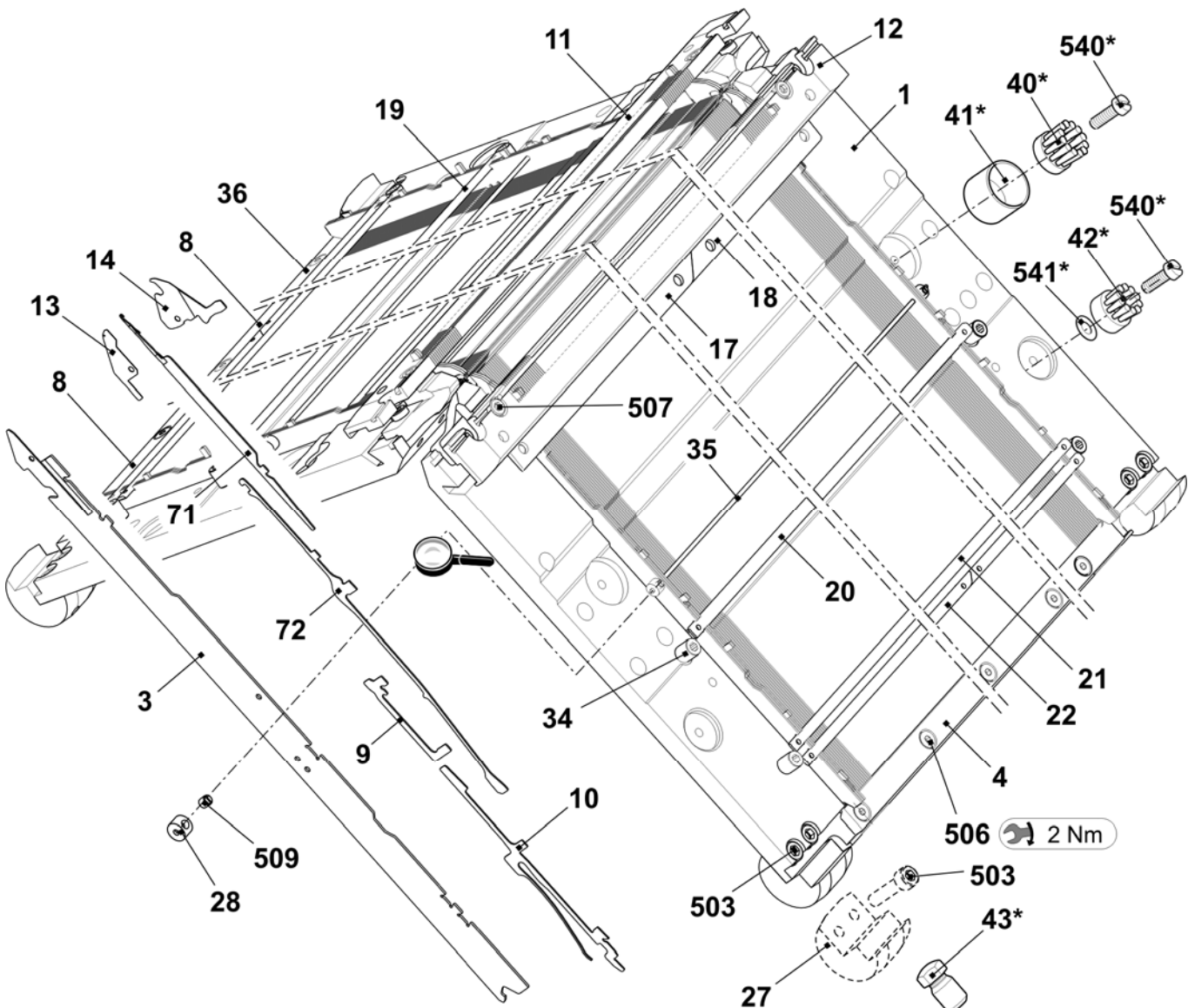
Continuation needle bed E14

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire Ø3.4	213 995	508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990	513	Spring thrust piece	023 177
15	Limiter on the left E10-14	205 764	515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765	516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154	519	Shim 0.2x18.5x34	023 253
507	Cap screw M5x22	023 193			



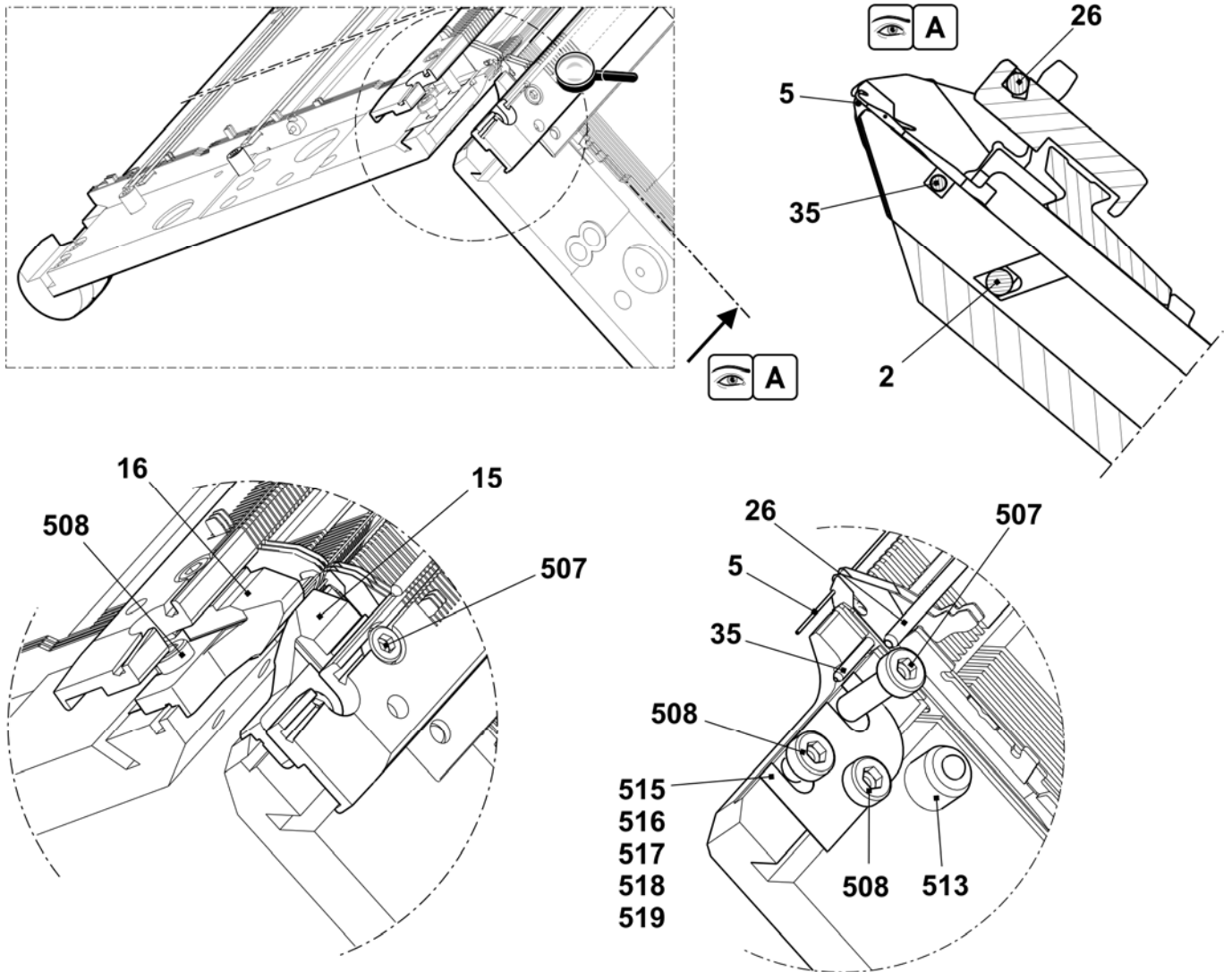
Needle bed E16

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E16	250 086	21	Cover rail	213 762
1	Needle bed at the front rear E16	245 318	22	Cover rail	213 763
3	Main trick wall E16	245 319	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E16	232 243	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 – E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16	237 326	40*	Disk brush	235 612
10	Selection jack E16 with selector spring	222 265	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E16	240 450	42*	Disk brush	202 600
12	Holding-down jack bed at the front E16	240 433	43*	Adjusting bolt	240 765
13	Knock-over bit E16	222 503	540*	Cap screw M5x12	020 032
14	Holding-down jack E16	222 504	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M4-M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E16	222 531	509	Set screw M3.5x3-1	020 512



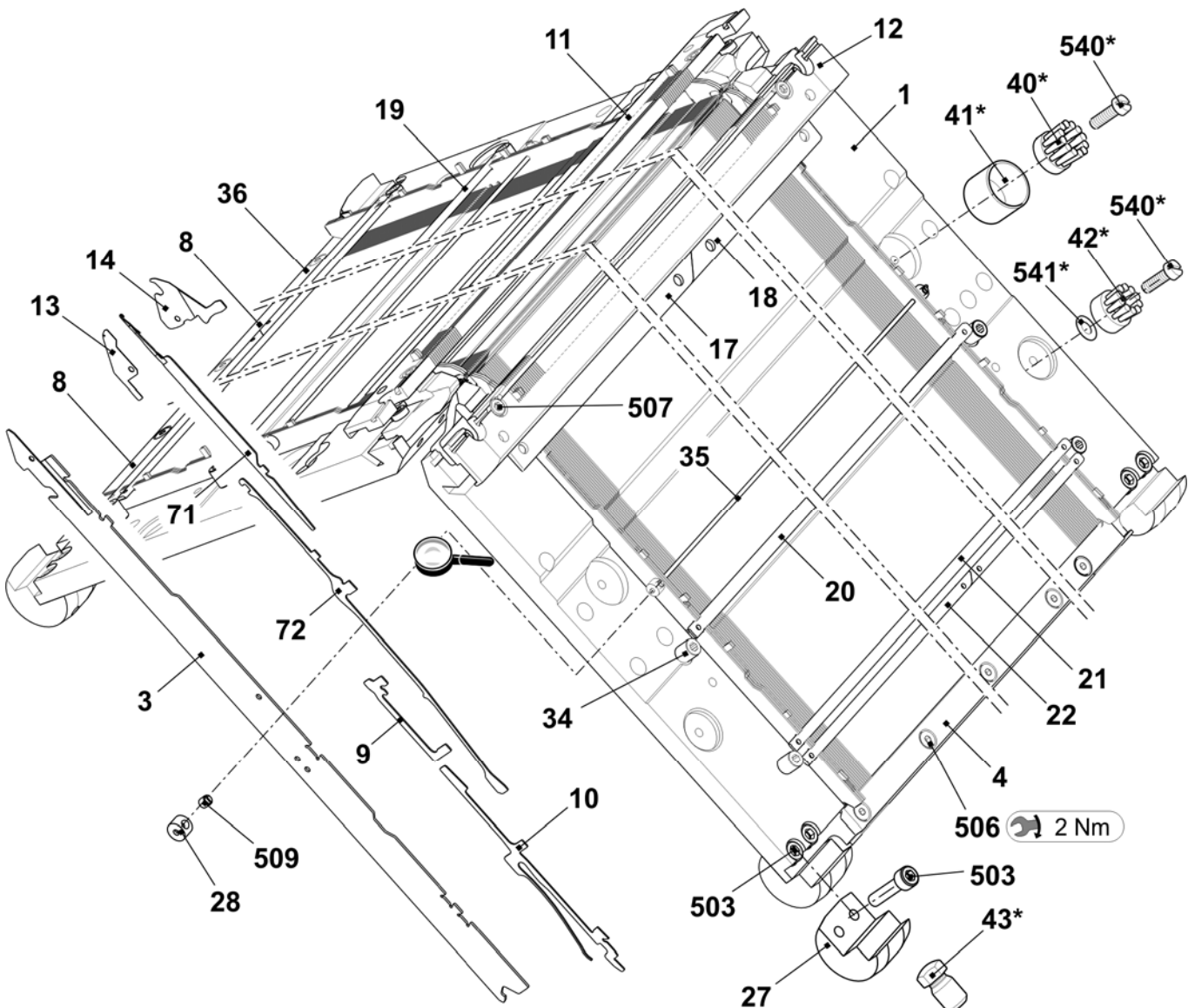
Continuation needle bed E16

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire Ø3.4	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire Ø0.5	220 759	513	Sprung thrust piece	023 177
15	Limiter on the left E16 - E20	220 821	515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16 - E20	220 822	516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



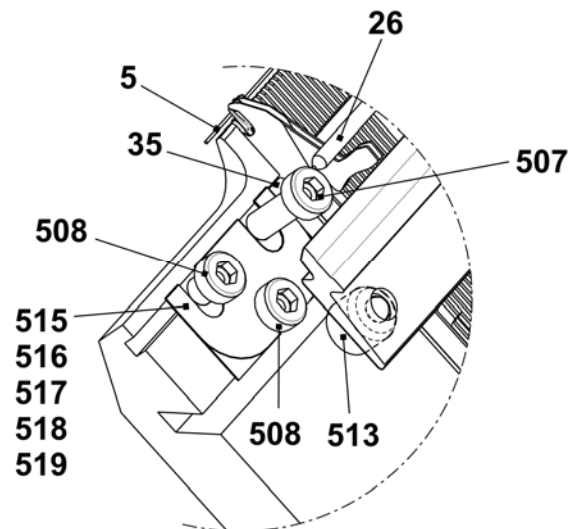
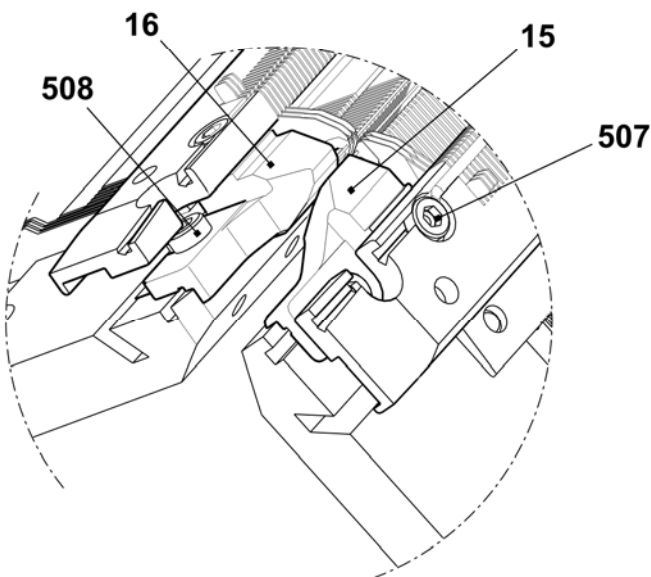
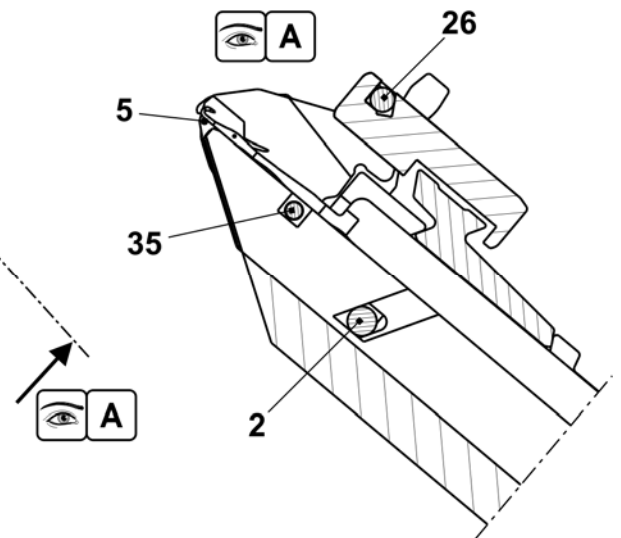
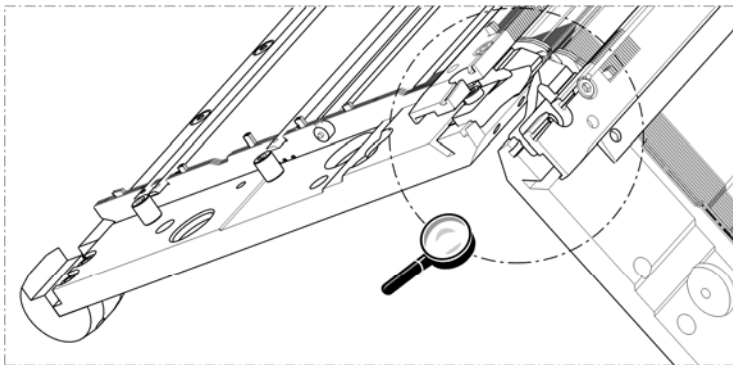
Needle bed E18

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E18	251 105	21	Cover rail	213 762
1	Needle bed at the front + rear E18	250 039	22	Cover rail	213 763
3	Main trick wall E18	251 051	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E18	239 527	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 – E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16 – E18 + E9.2	237 326	40*	Disk brush	235 612
10	Selection jack E16 - E20 with spring	222 265	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E18	240 451	42*	Disk brush	202 600
12	Holding-down jack bed at the front E18	240 434	43*	Adjusting bolt	240 765
13	Knock-over bit E18	220 764	540*	Cap screw M5x12	020 032
14	Holding-down jack E18	220 770	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M4-M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E18	220 745	509	Set screw M3.5x3-1	020 512



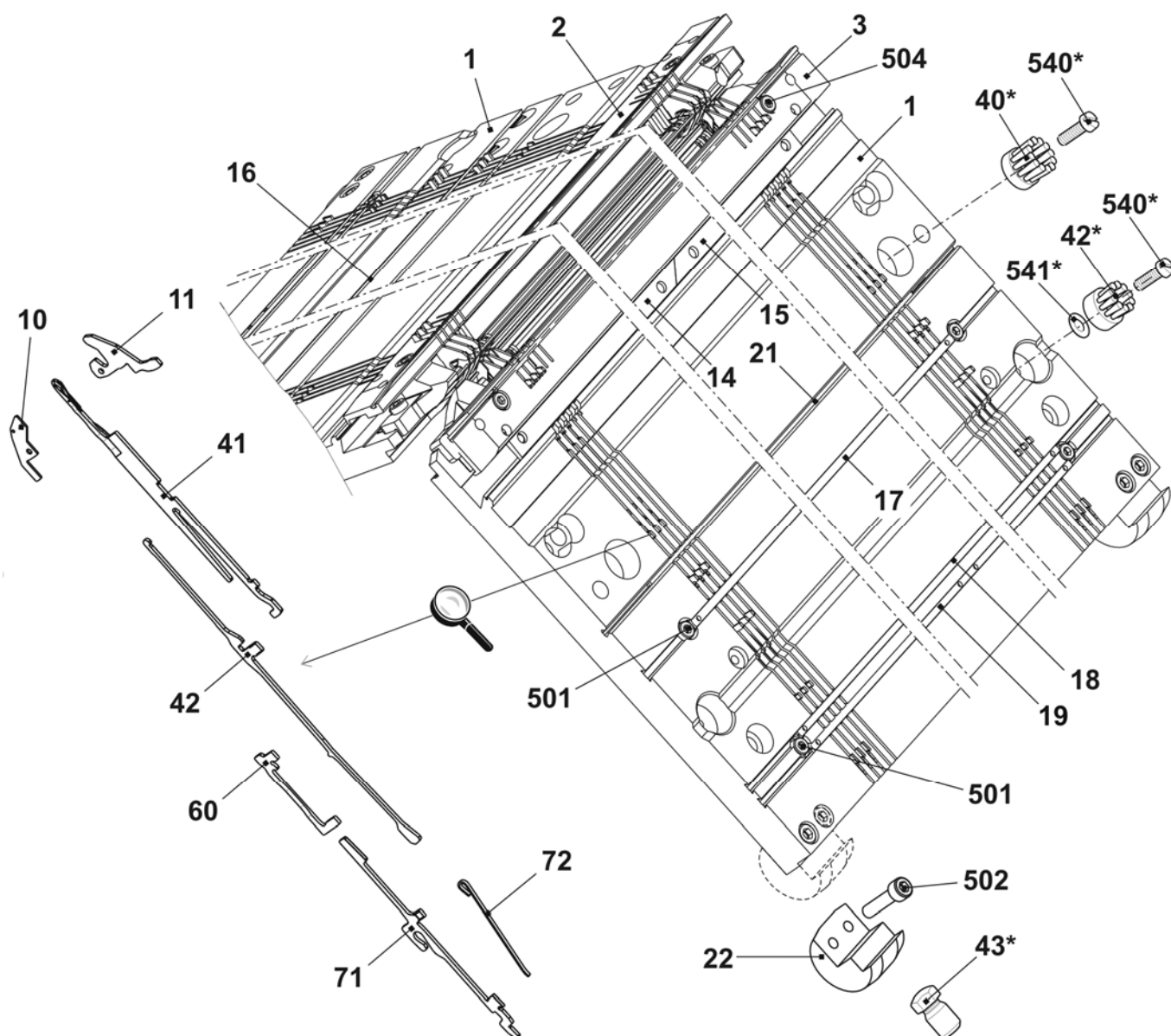
Continuation needle bed E18

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire $\varnothing 3.4$	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire $\varnothing 0.5$	220 759	513	Sprung thrust piece	023 177
15	Limiter on the left E16 - E20	220 821	515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16 - E20	220 822	516	Shim 0.03x18.5x34	023 195
26	Fixed wire $\varnothing 2.8$	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire $\varnothing 2.0$	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



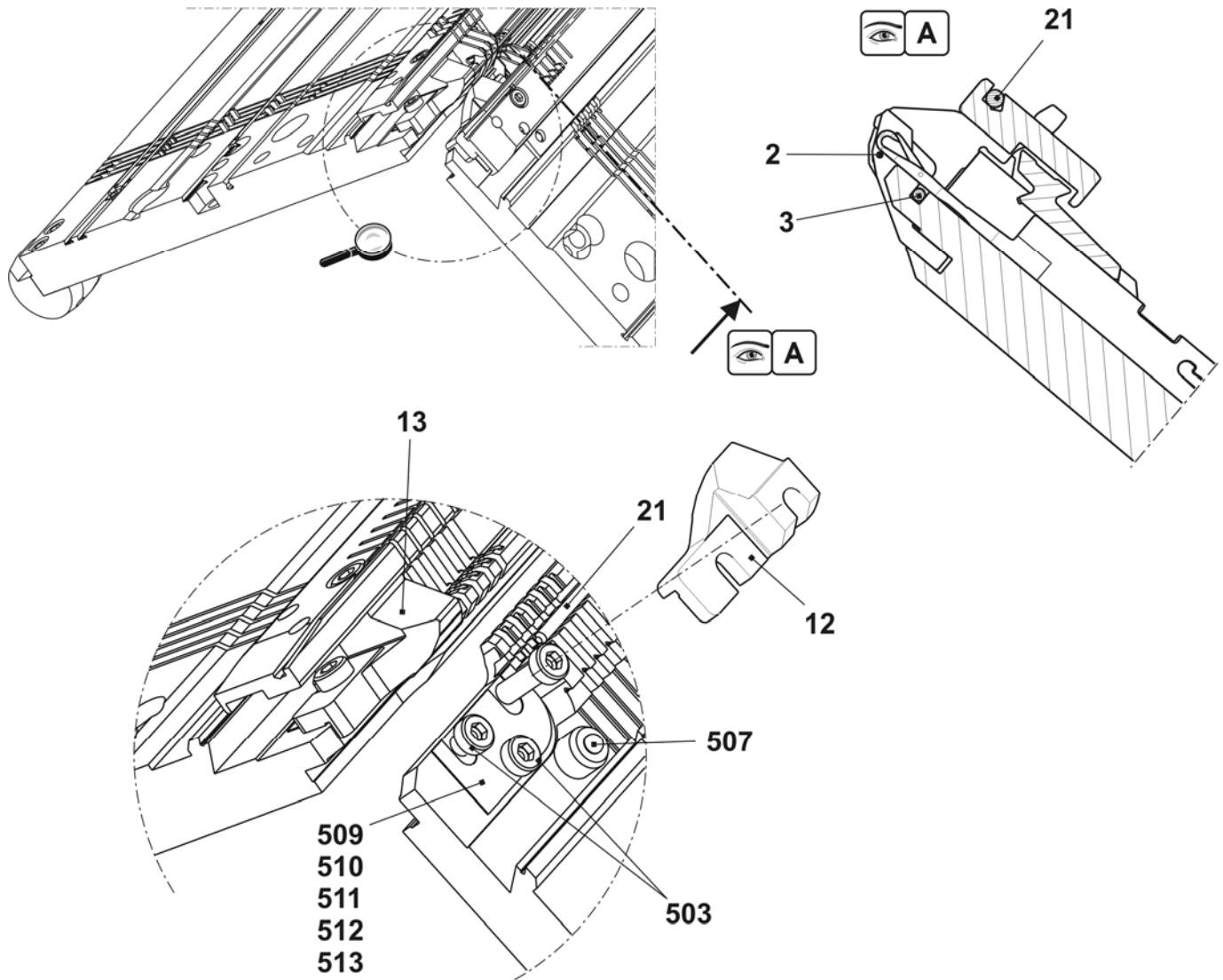
Needle bed E5m.4

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E5m.4	241 501	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 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*	Disk brush	235 612
10	Knock-over bit E5	204 996	42*	Disk 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			



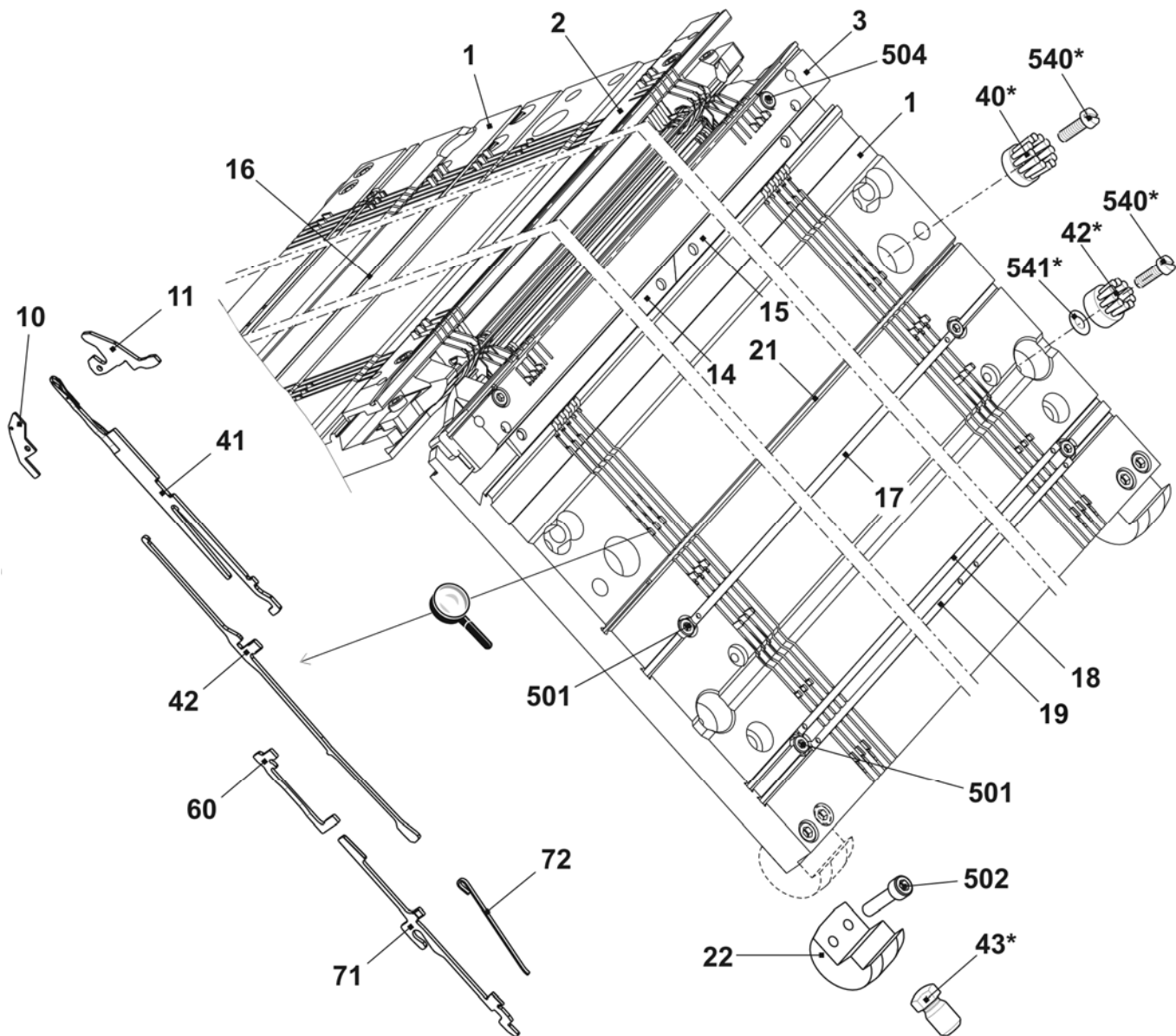
Continuation needle bed E5m.4

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø1.0	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



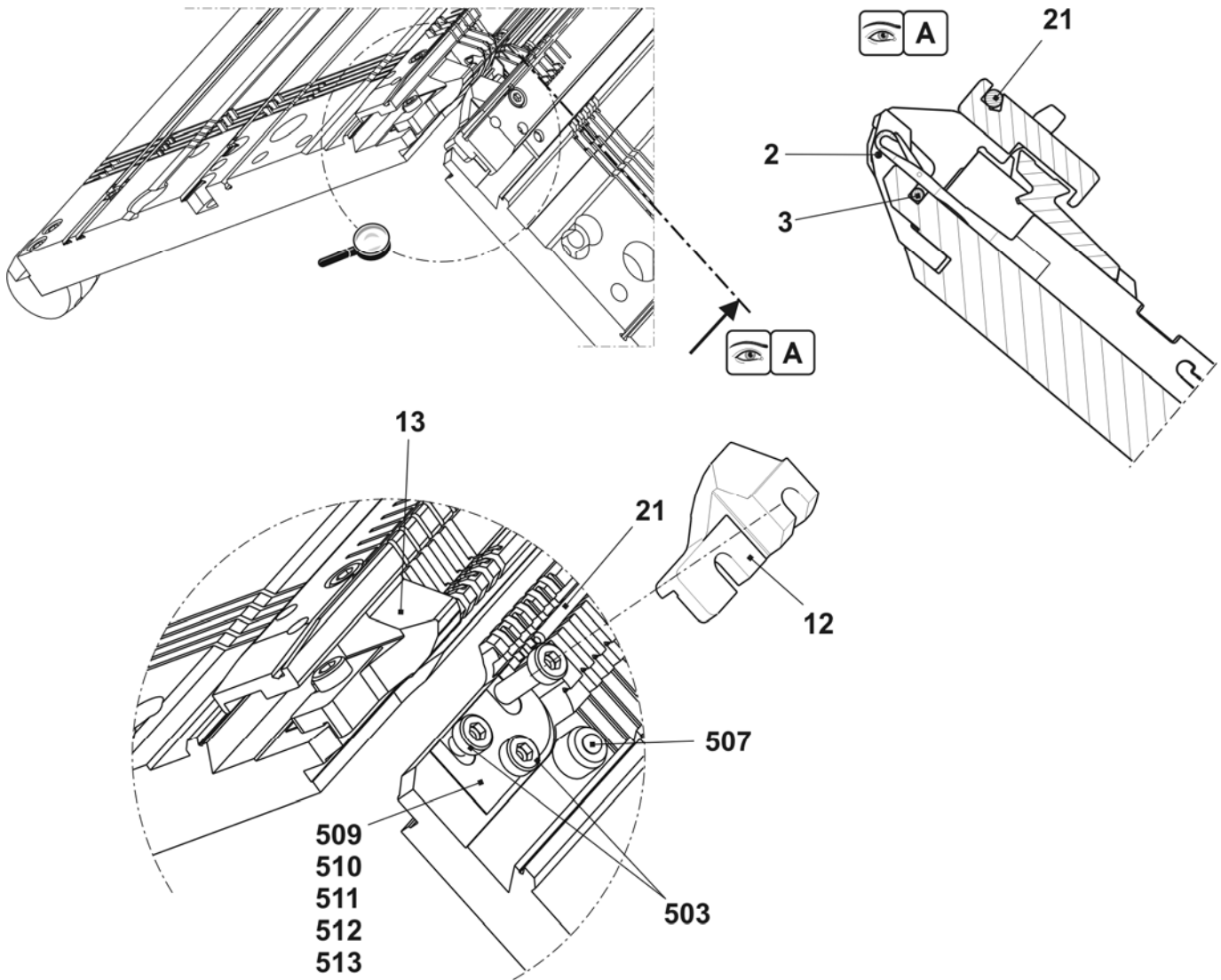
Needle bed E7m.5

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
11	Holding-down jack E7	205 032	42*	Disk 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



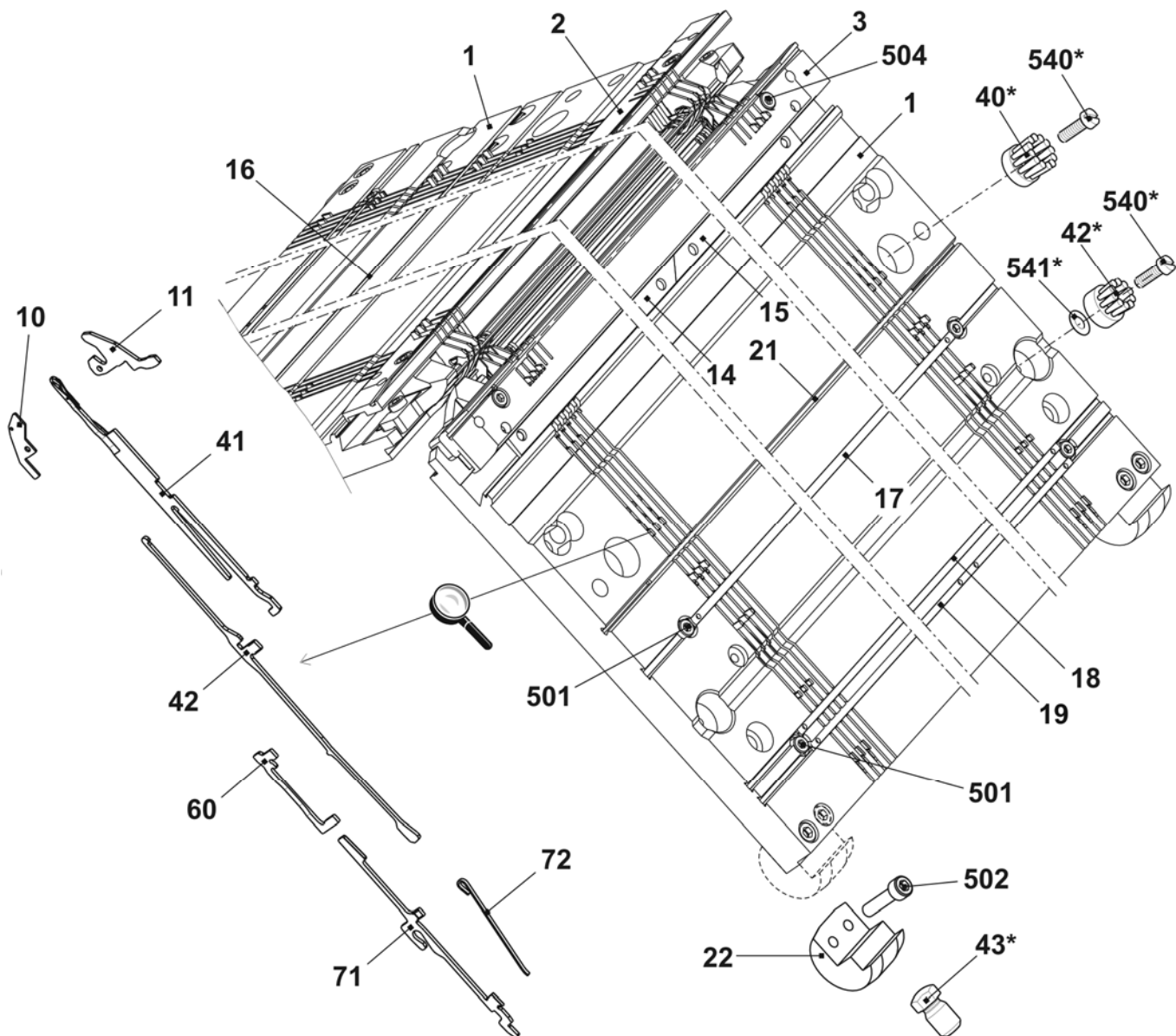
Continuation needle bed E7m.5

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



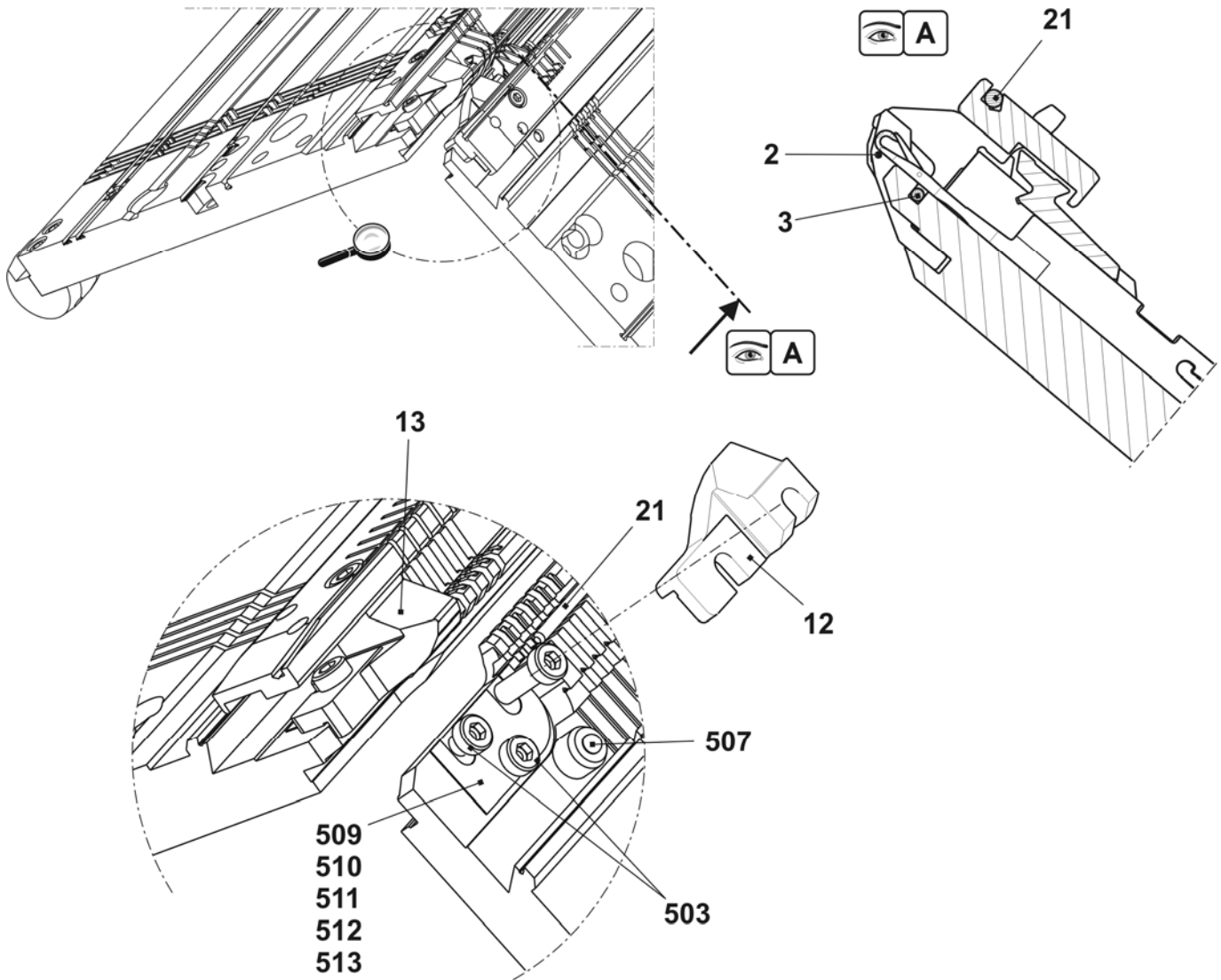
Needle bed E7m.8

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
11	Holding-down jack E7	205 032	42*	Disk 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



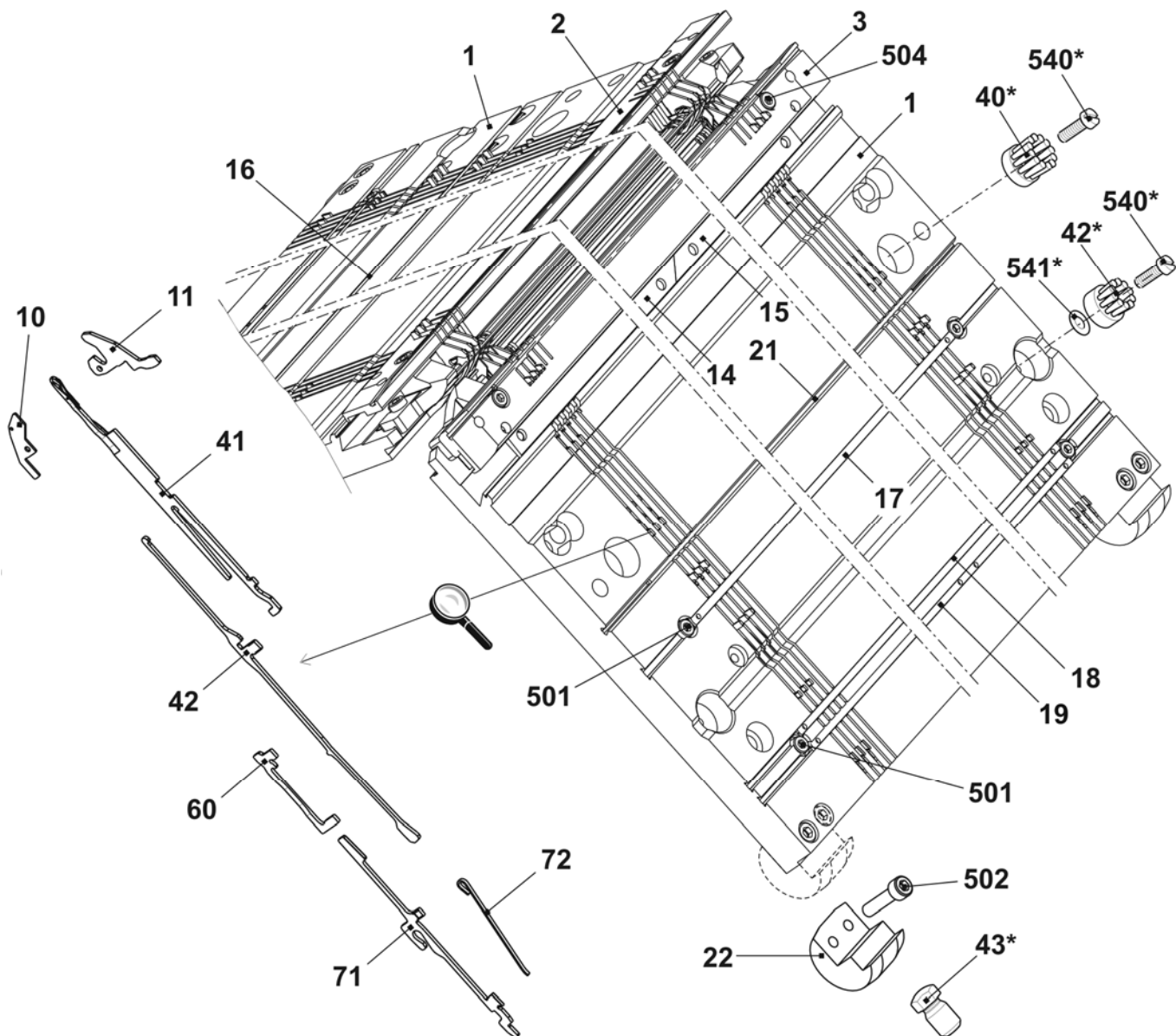
Continuation needle bed E7m.8

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



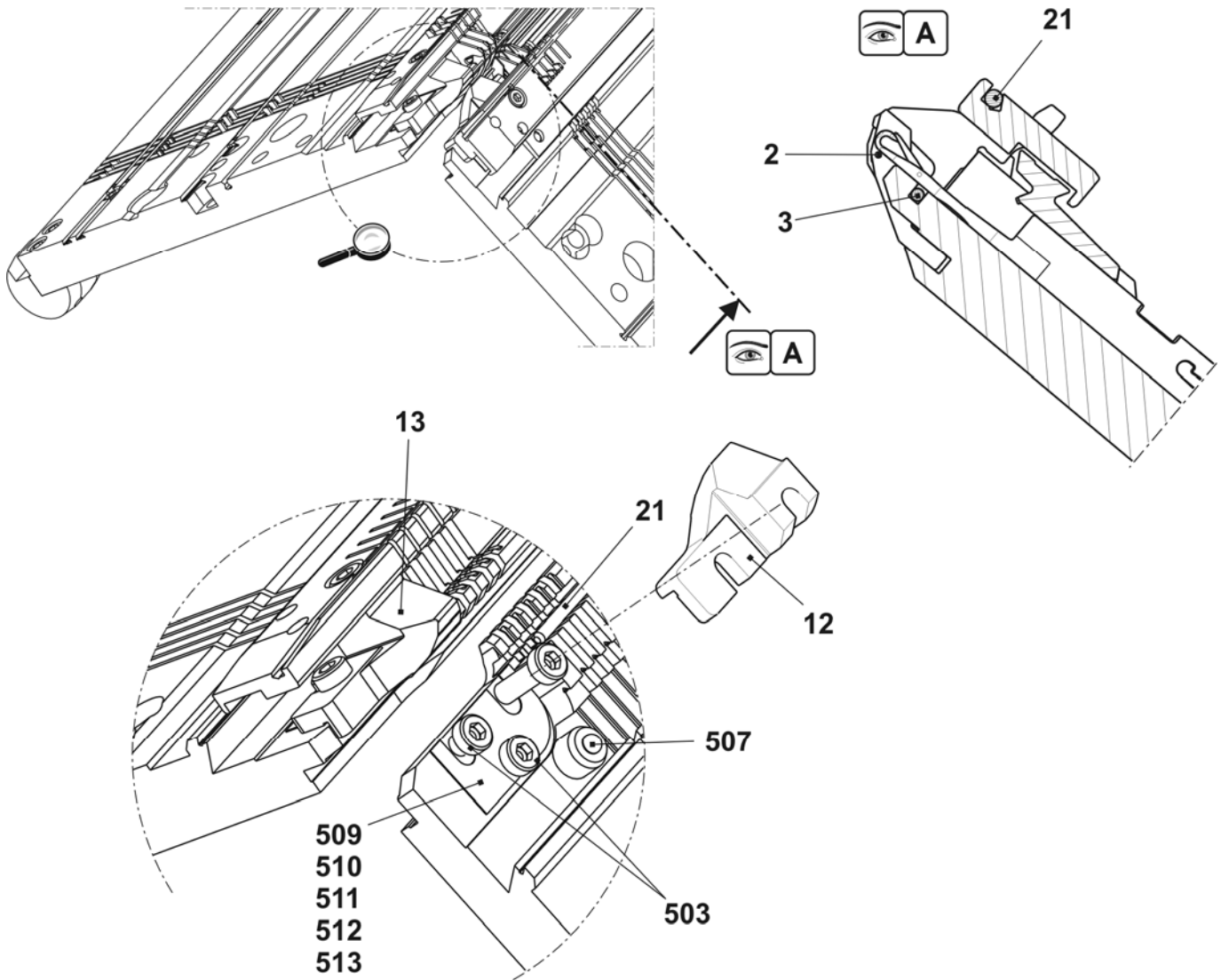
Needle bed E8m.7

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E8	207 054	42*	Disk 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			



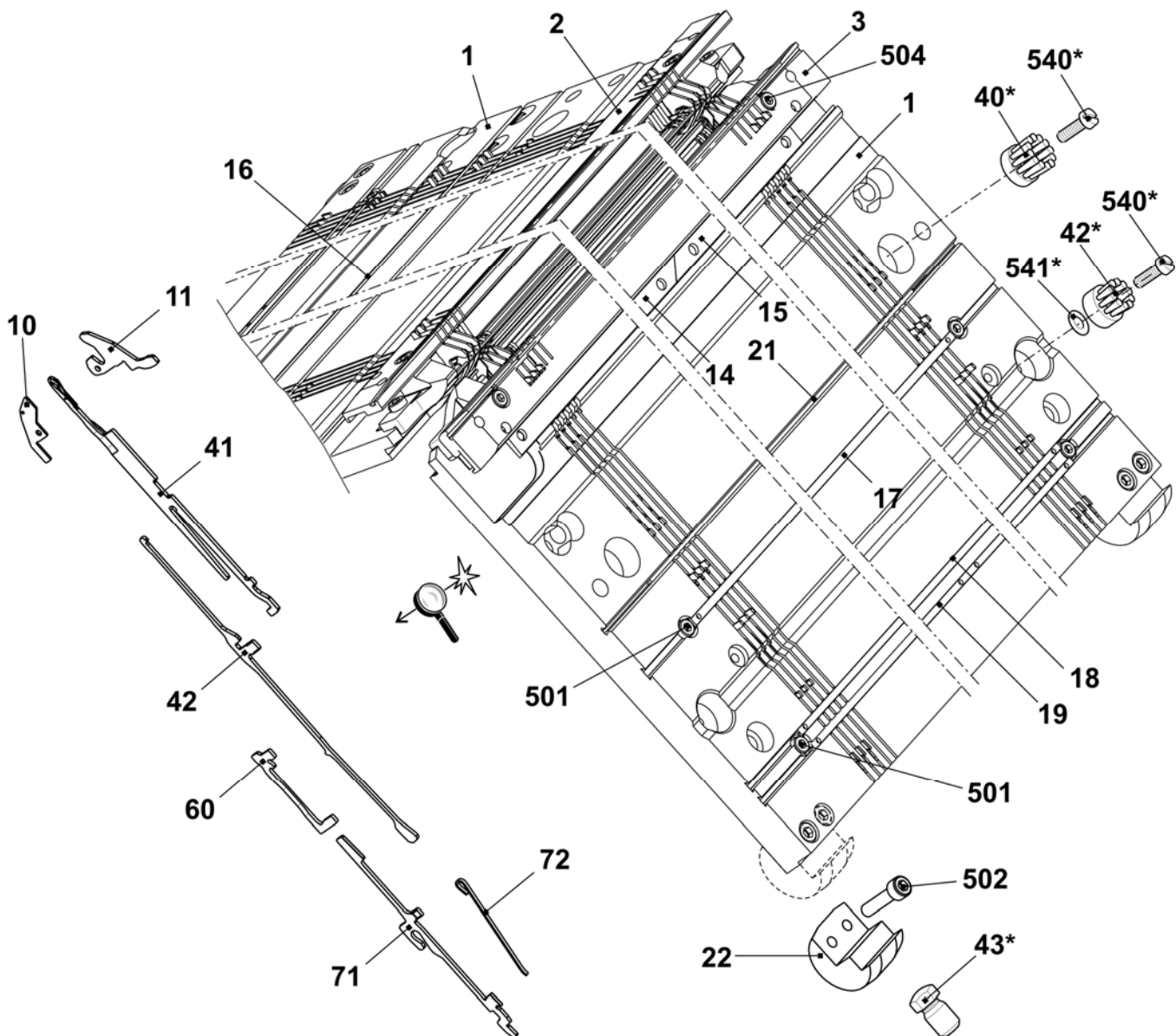
Continuation needle bed E8m.7

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



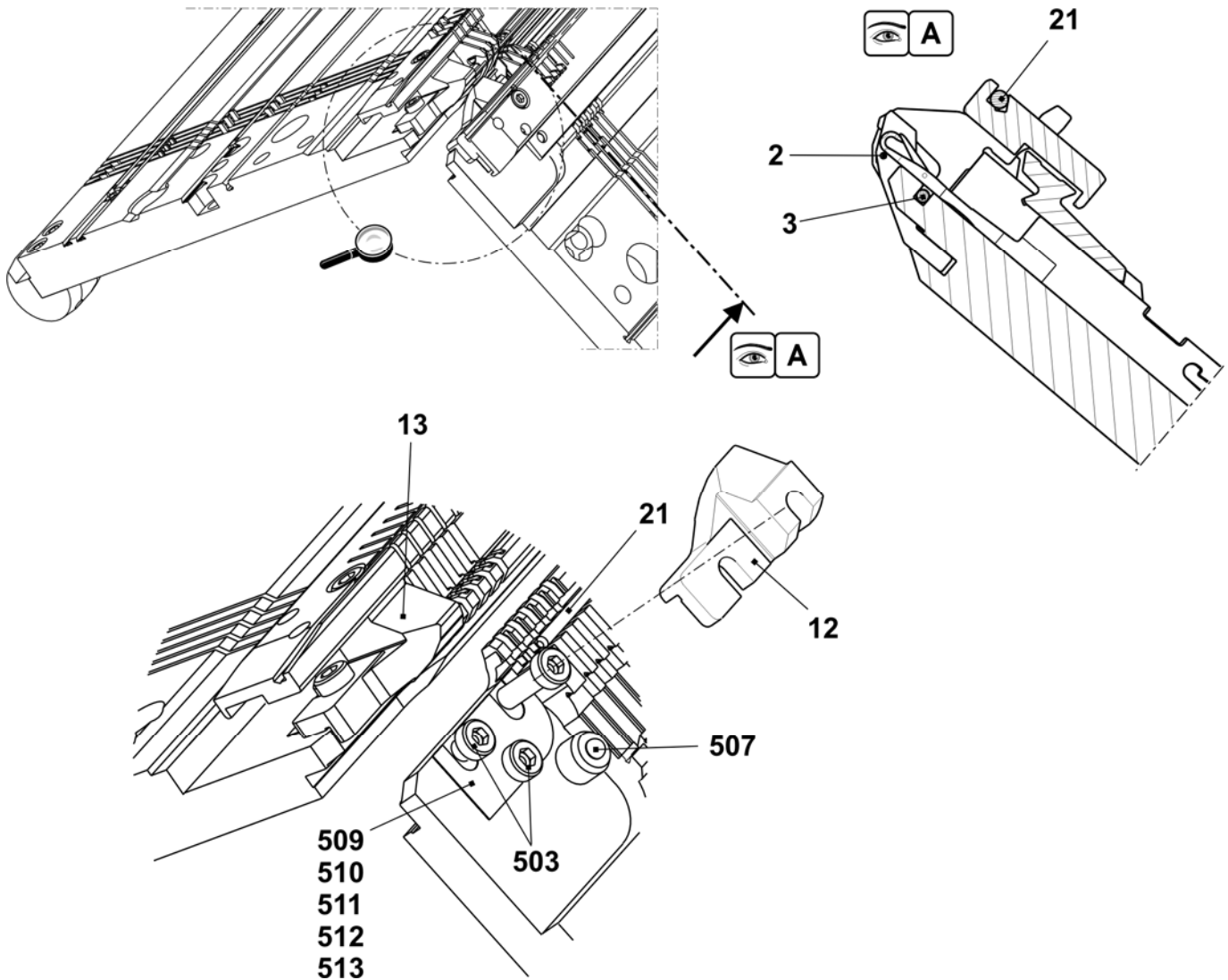
Needle bed E10m.12

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E10	205 012	42*	Disk 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			



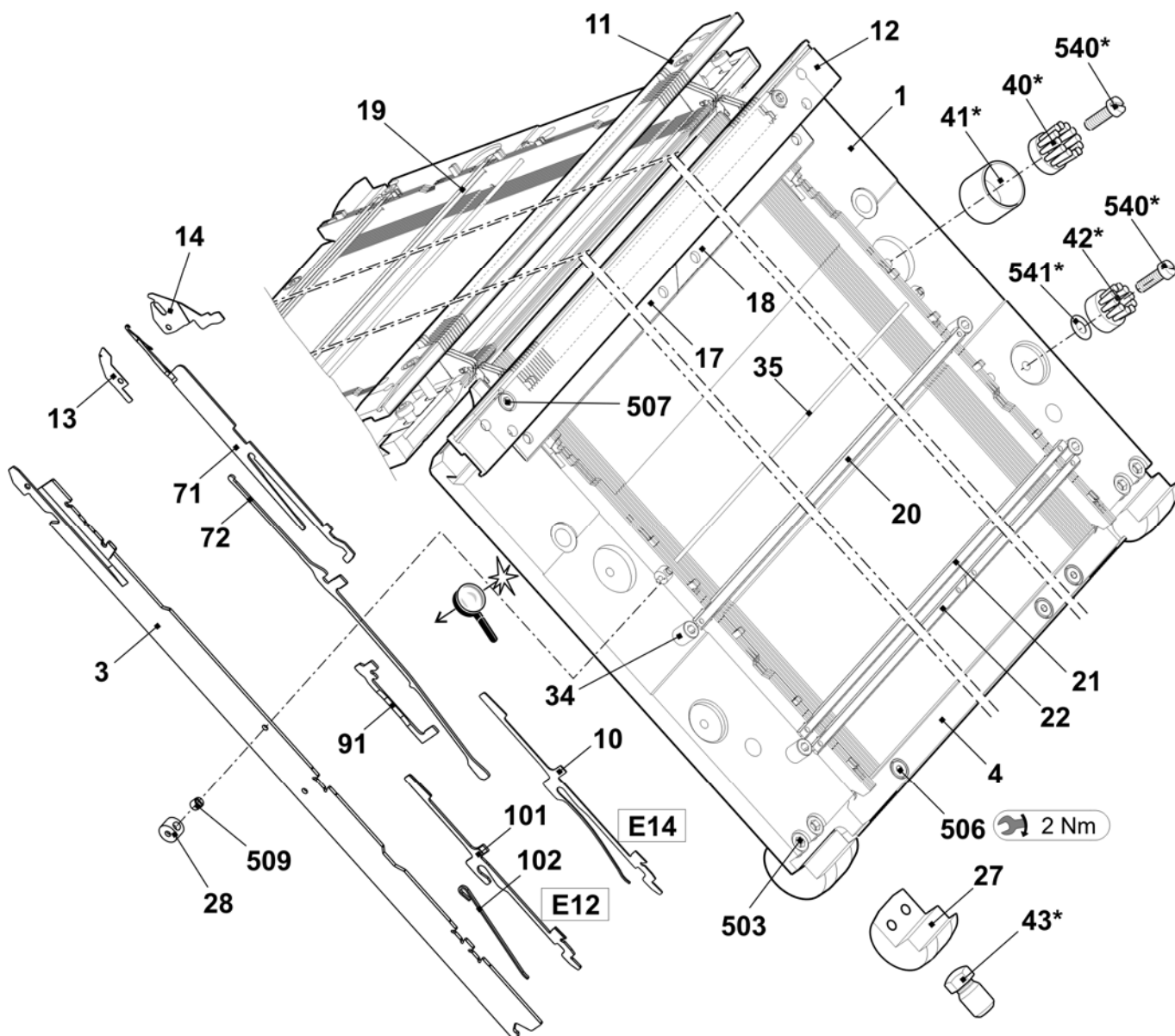
Continuation needle bed E10m.12

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø0.6	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



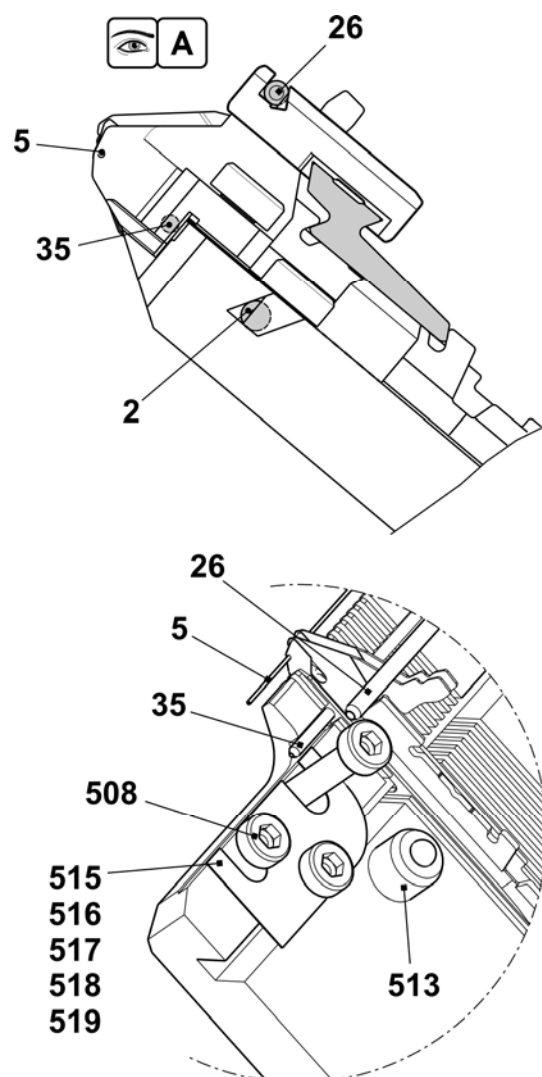
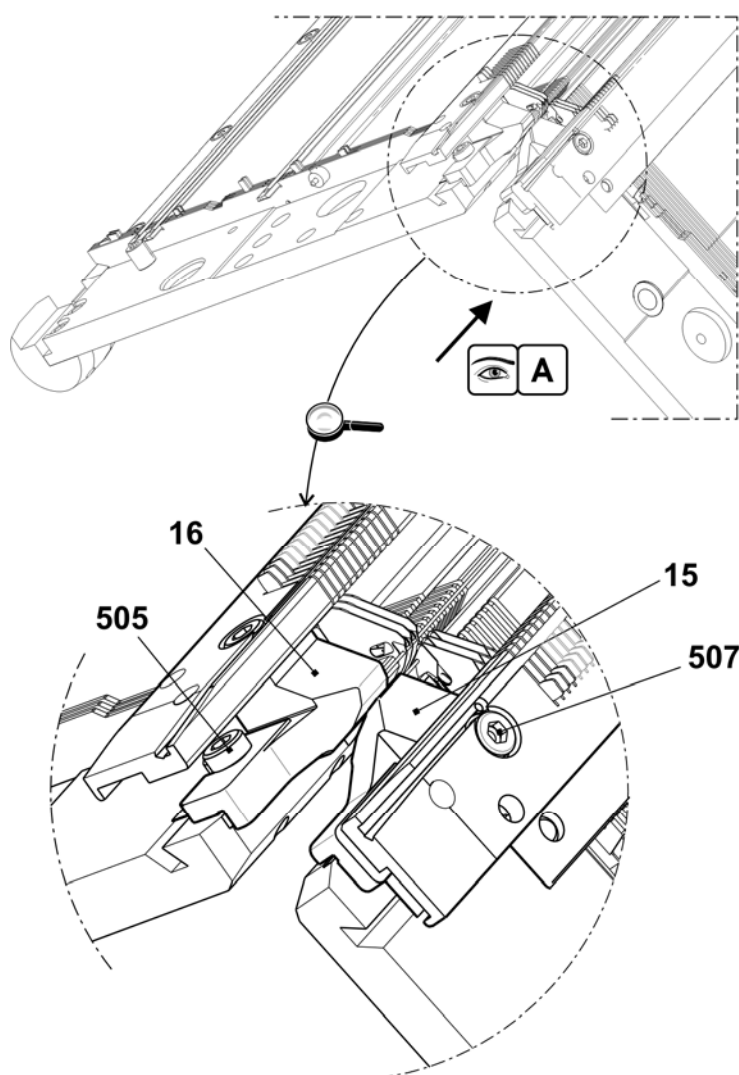
Needle bed E6.2 (12m.10)

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E6.2(12m.10)	253 712			
1	Needle bed at the front rear E12	253 708	21	Cover rail	213 762
3	Main trick wall E12	252 628	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
71	Needle E10 with round hook	205 398	28	Bush	206 090
72	Coupling part E10-12	200 683	34	Stop screw	214 039
91	Intermediate slider E10-12	237 324	35	Spring steel wire ø2.0	245 320
101	Selection jack E10-12	200 688	40*	Disk brush	235 612
102	Selector spring E10-12	200 691	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E12	240 448	42*	Disk brush	202 600
12	Holding-down jack bed at the front E12	240 431	43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013	540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E12	227 821	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037	509	Set screw M3.5x3	020 512



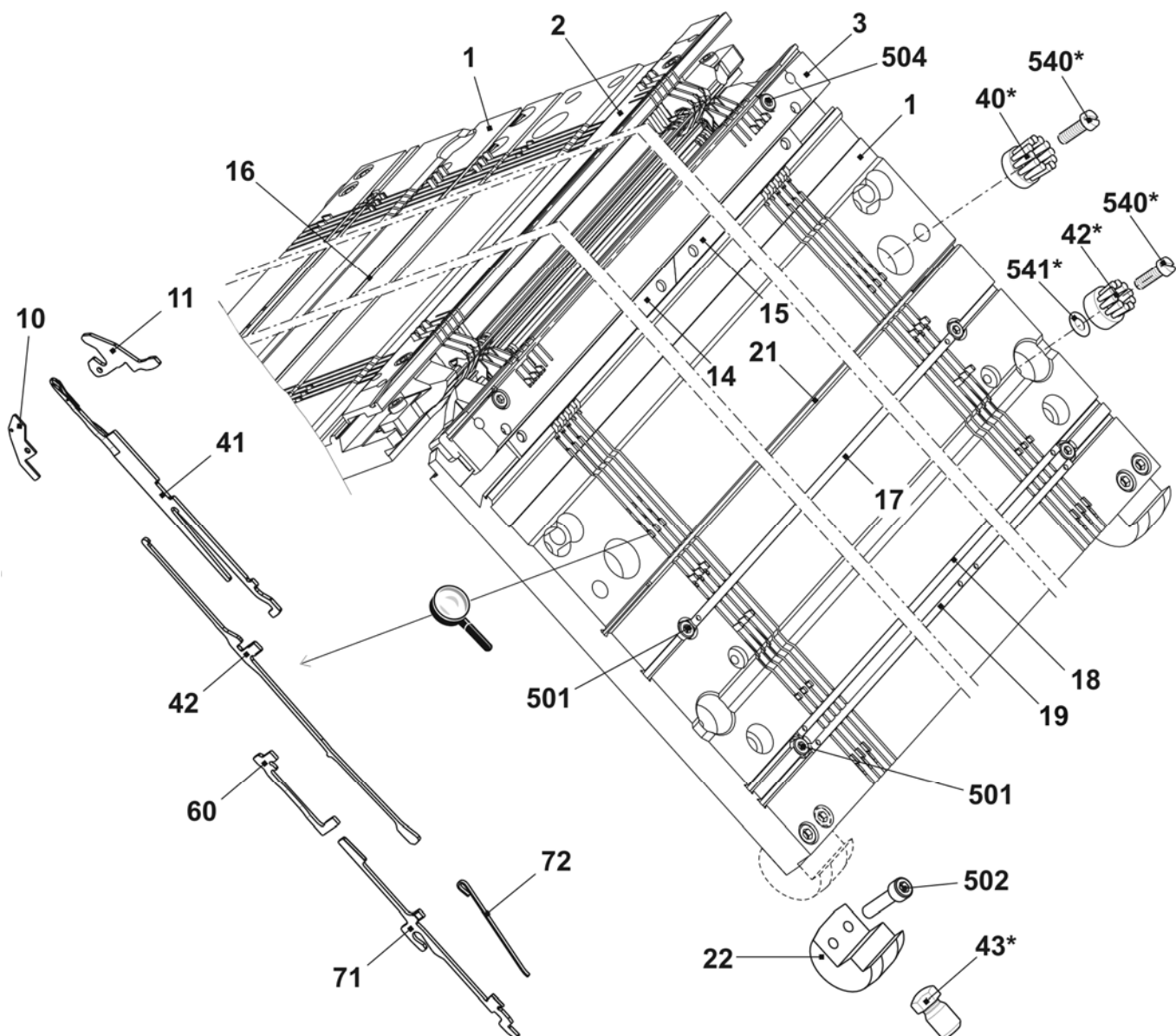
Continuation needle bed E6.2(12m.10)

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire $\varnothing 3.4$	213 995	508	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990	513	Sprung thrust piece	023 177
15	Limiter on the left E10-14	205 764	515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765	516	Shim 0.03x18.5x34	023 195
26	Fixed wire $\varnothing 2.8$	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire $\varnothing 2.0$	245 320	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



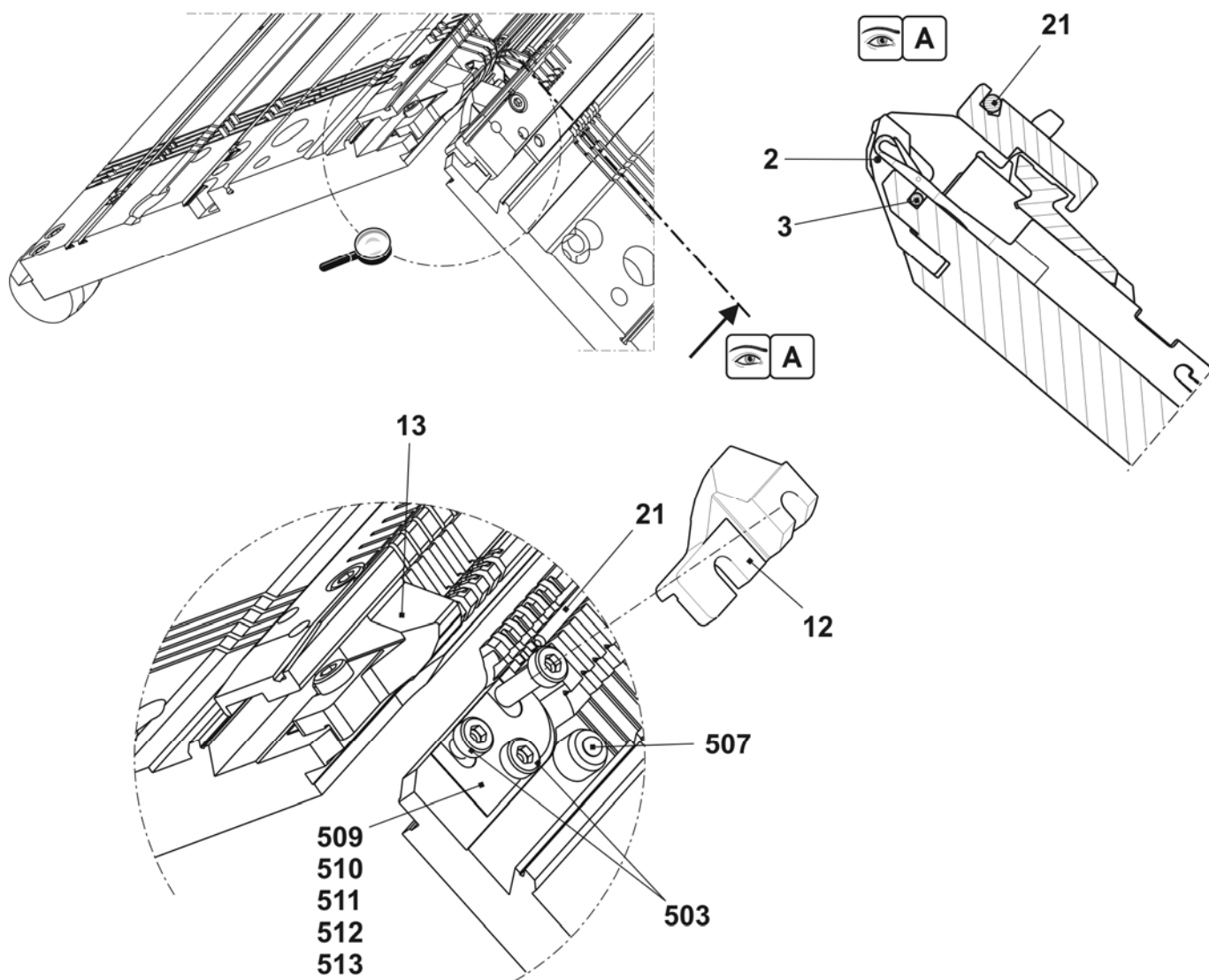
Needle bed E3,5.2

Pos	Designation	ID	Pos	Designation	ID
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 at the rear 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*	Disk brush	235 612
10	Knock-over bit E7	207 055	42*	Disk 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			



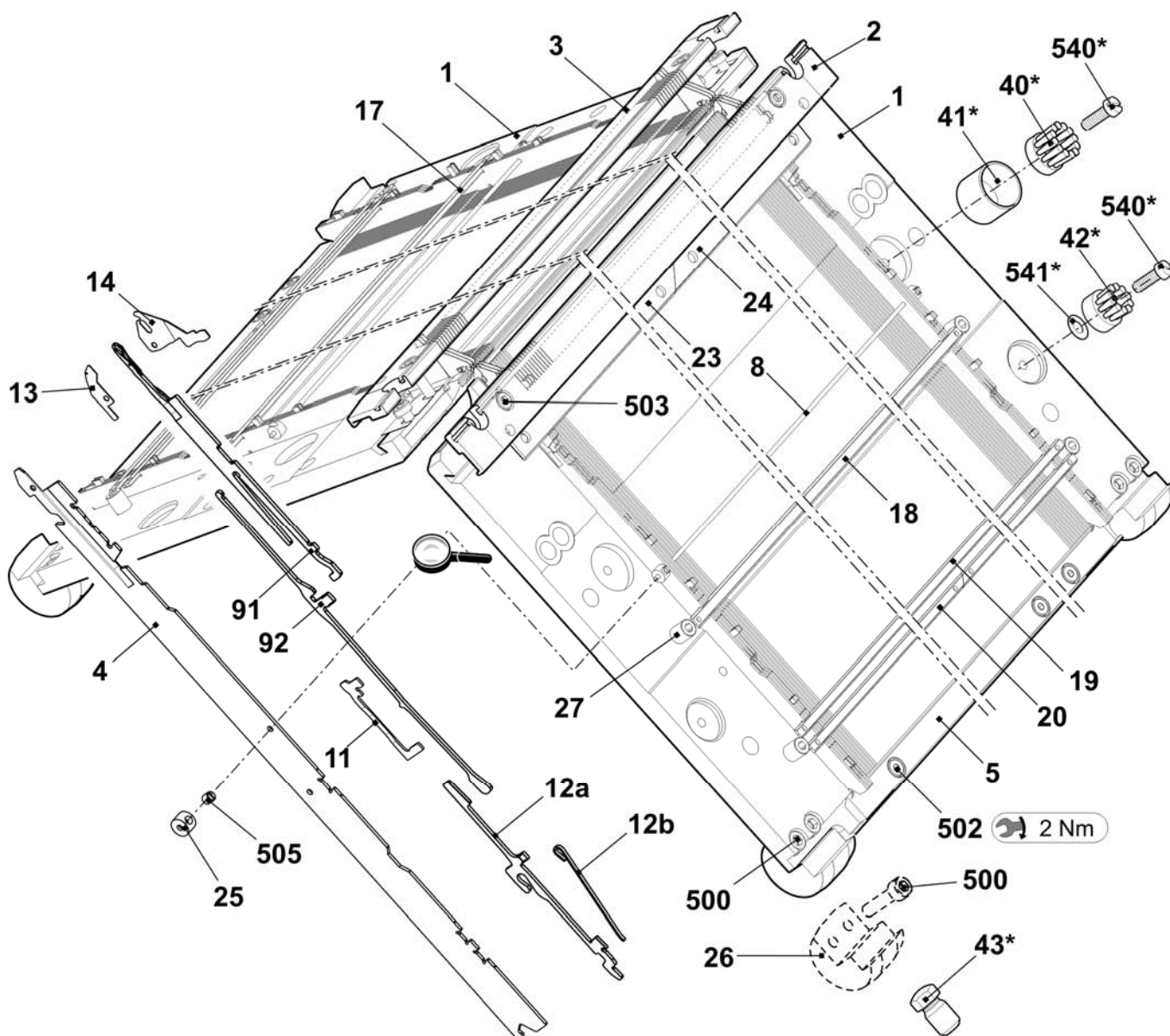
Continuation needle bed E3,5.2

Pos	Designation	ID	Pos	Designation	ID
2	Spring steel wire Ø1.0	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire ø2.0	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 Ø2.8	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



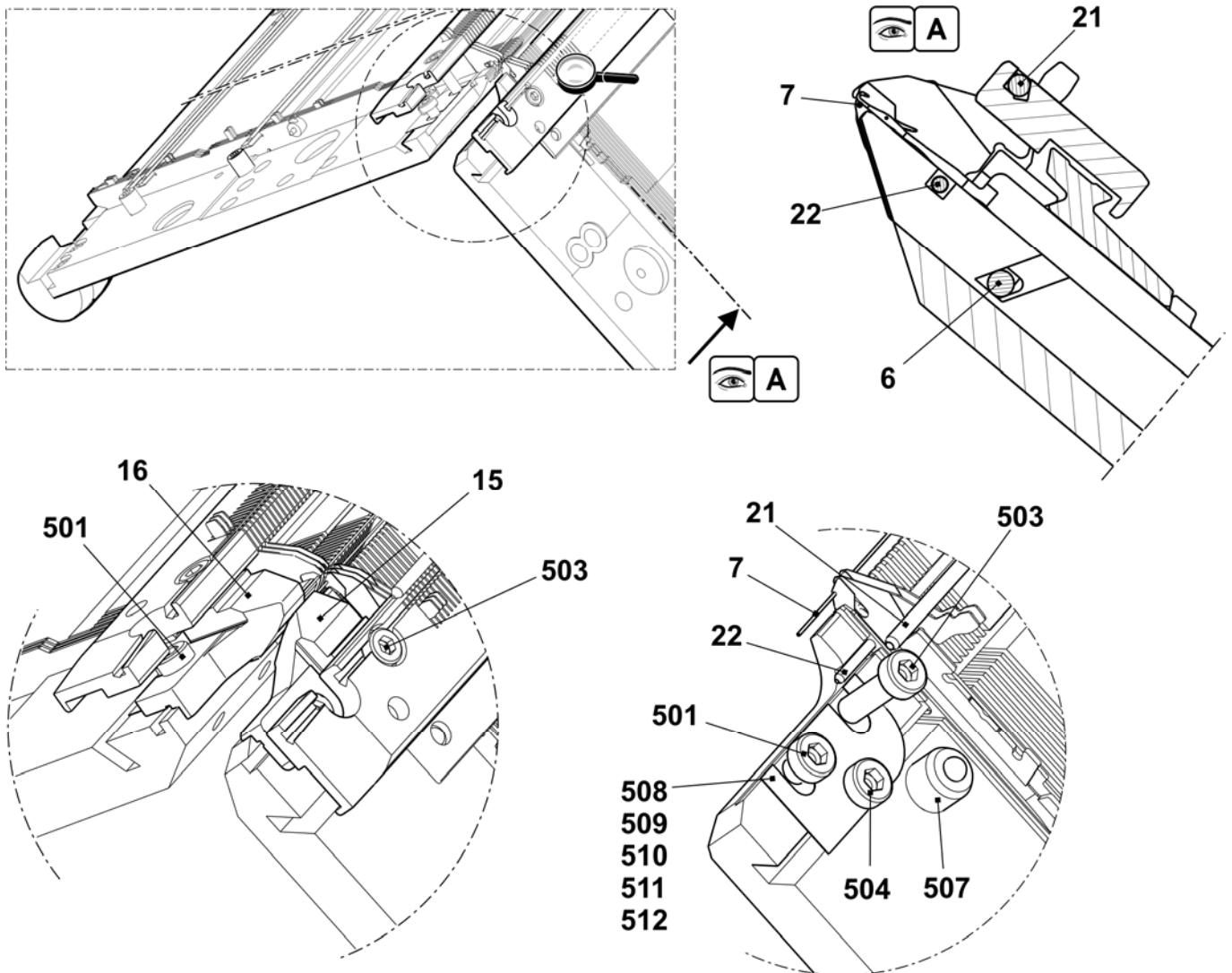
Needle bed E5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + 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 at the rear 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 2.0x1,286mm	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	236 030	505	Set screw M3.5x3-1	020 512
12a	Selection jack E5.2	219 214	40*	Disk brush	235 612
12b	Selector spring E5.2	219 265	41*	Container disk brush	233 012
13	Knock-over bit E5.2	221 367	42*	Disk 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			



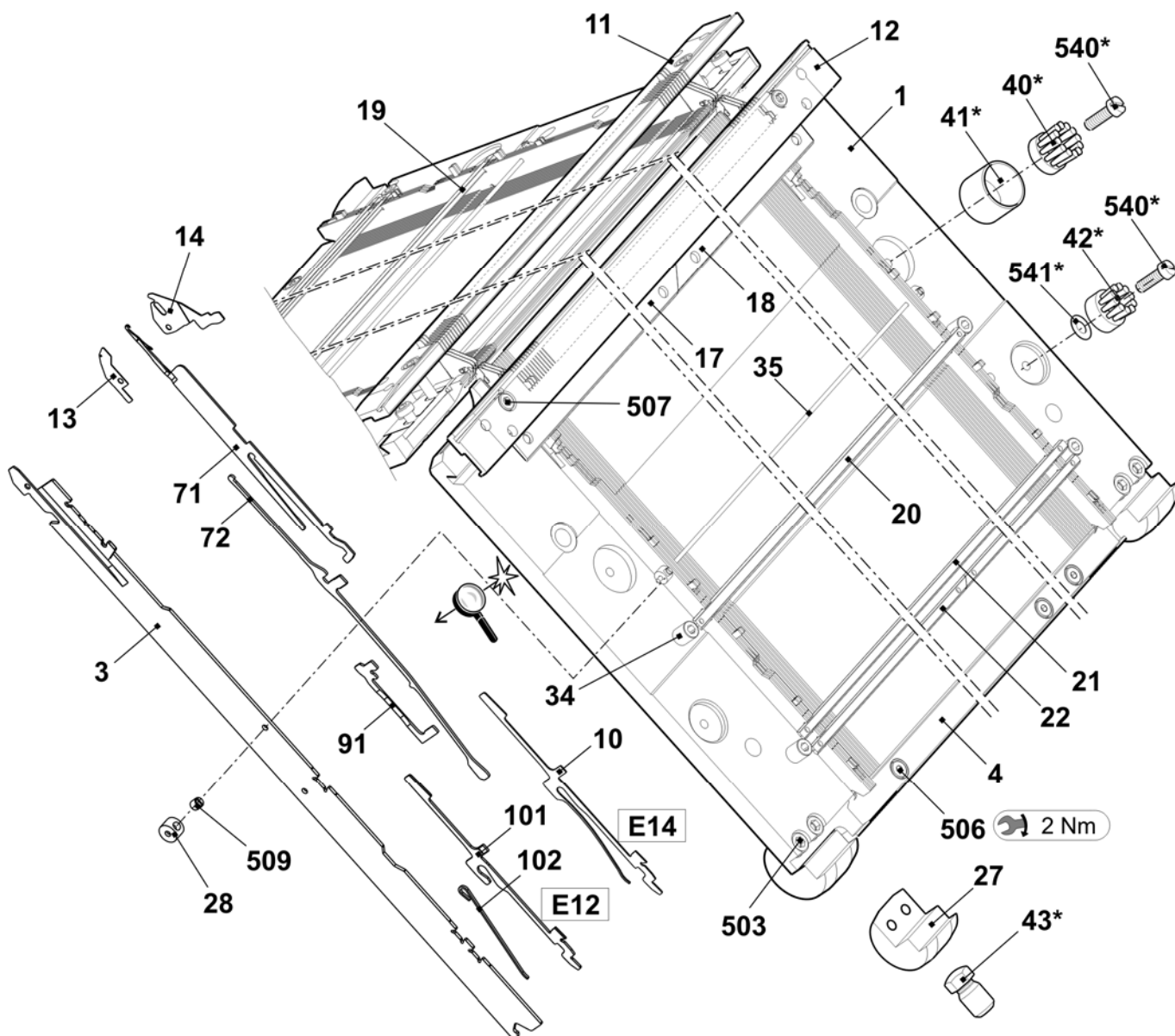
Continuation needle bed E5.2

Pos	Designation	ID	Pos	Designation	ID
6	Fixed wire Ø3.4	213 995	504	Cap screw M5x12	022 943
7	Spring steel wire Ø1.0	213 988	507	Sprung thrust piece	023 177
15	Limiter on the left E4-E8	205 343	508	Shim 0.02x18.5x34	023 194
16	Limiter on the right E4-E8	205 344	509	Shim 0.03x18.5x34	023 195
21	Fixed wire Ø2.8	213 983	510	Shim 0.05x18.5x34	023 196
22	Spring steel wire Ø1.95	213 997	511	Shim 0.1x18.5x34	023 197
501	Cap screw M5x8-8.8	023 154	512	Shim 0.2x18.5x34	023 253
503	Cap screw M5x22	023 193			



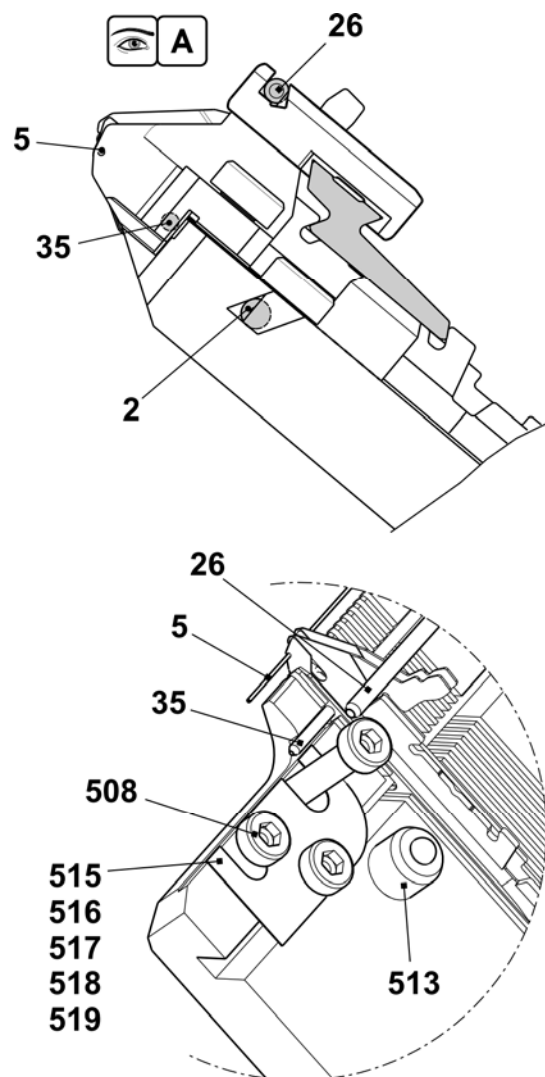
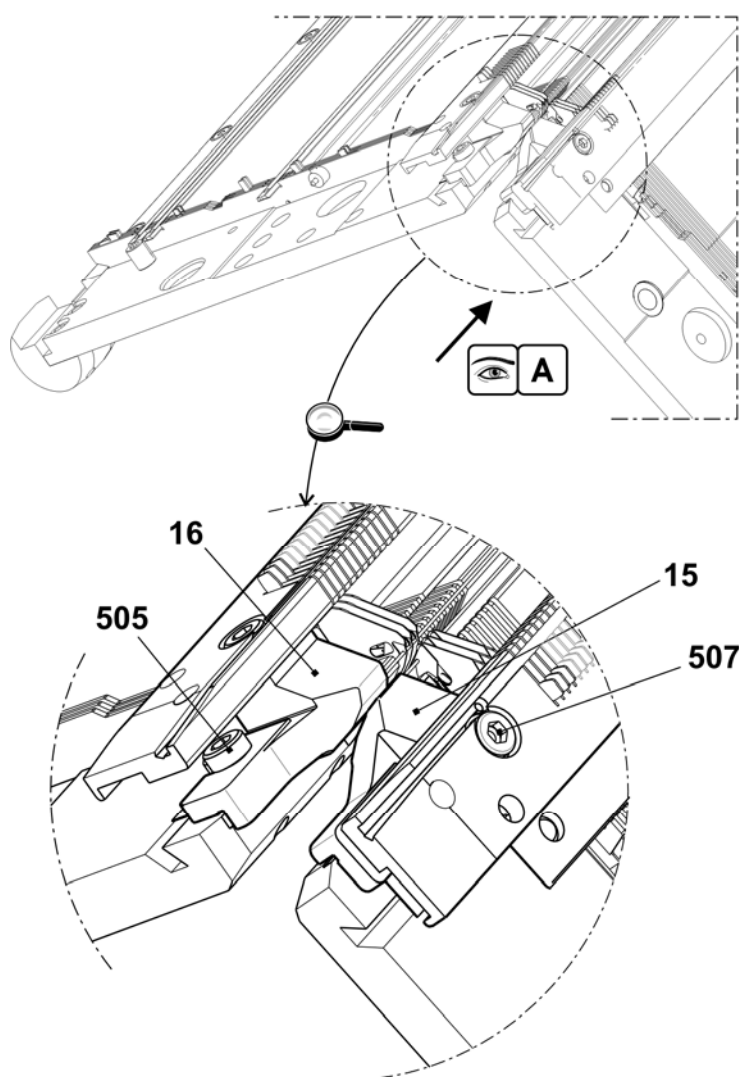
Needle bed E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E6.2	253 714			
1	Needle bed at the front rear E12	253 708	21	Cover rail	213 762
3	Main trick wall E12	252 628	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
71	Needle E6.2	207 349	28	Bush	206 090
72	Coupling part E10-12	200 683	34	Stop screw	214 039
91	Intermediate slider E10-12	237 324	35	Spring steel wire ø2.0	245 320
101	Selection jack E10-12	200 688	40*	Disk brush	235 612
102	Selector spring E10-12	200 691	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E6.2	240 455	42*	Disk brush	202 600
12	Holding-down jack bed at the front E6.2	240 438	43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013	540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E12	227 821	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037	509	Set screw M3.5x3	020 512



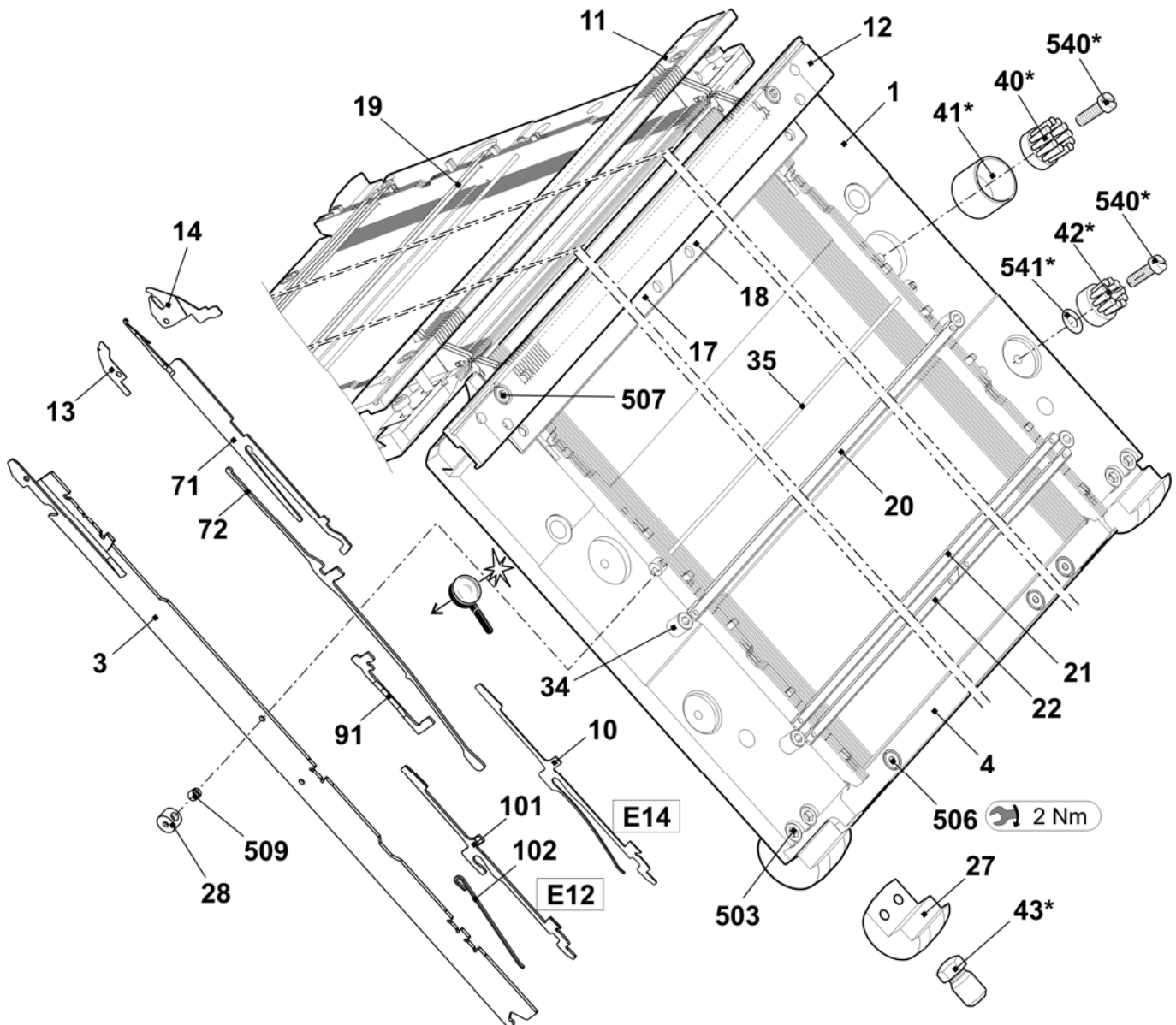
Continuation needle bed E6.2

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire $\varnothing 3.4$	213 995	508	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990	513	Sprung thrust piece	023 177
15	Limiter on the left E10-14	205 764	515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765	516	Shim 0.03x18.5x34	023 195
26	Fixed wire $\varnothing 2.8$	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire $\varnothing 2.0$	245 320	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154	519	Shim 0.2x18.5x34	023 253
507	Cap screw M5x22	023 193			



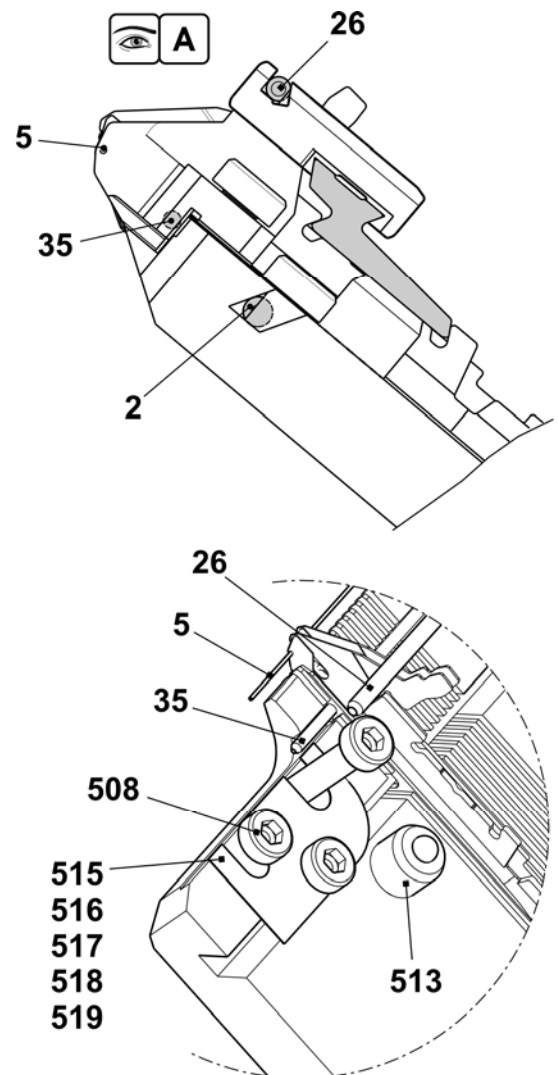
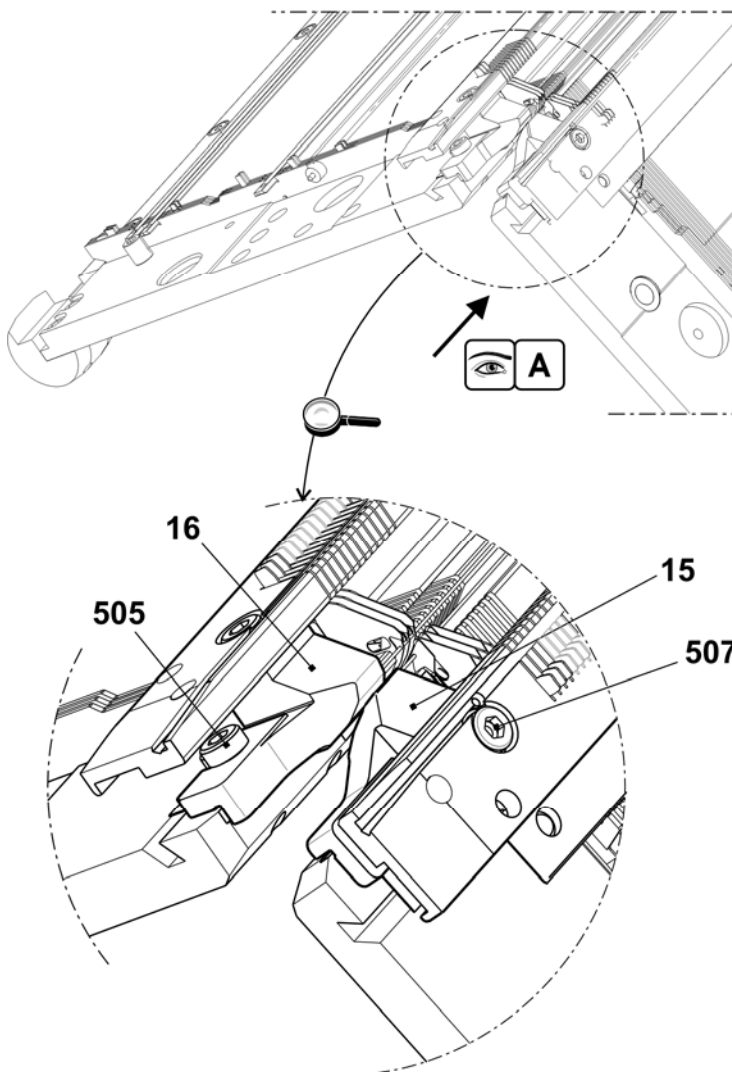
Needle bed E7.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E7.2	253 715	21	Cover rail	213 762
1	Needle bed at the front and rear E14	253 709	22	Cover rail	213 763
3	Main trick wall E14	252 629	27	Support	241 339
4	Pressure slide E10 – E14	213 919	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	35	Spring steel wire ø2.0	245 320
91	Intermediate slider E14	237 373	40*	Disk brush	235 612
10	Selection jack with spring E14	224 725	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E7.2	240 456	42*	Disk brush	202 600
12	Holding-down jack bed at the front E7.2	240 439	43*	Adjusting bolt	240 765
13	Knock-over bit E14	209 649	540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E14	235 262	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6x14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E14	214 038	509	Set screw M3.5x3	020 512



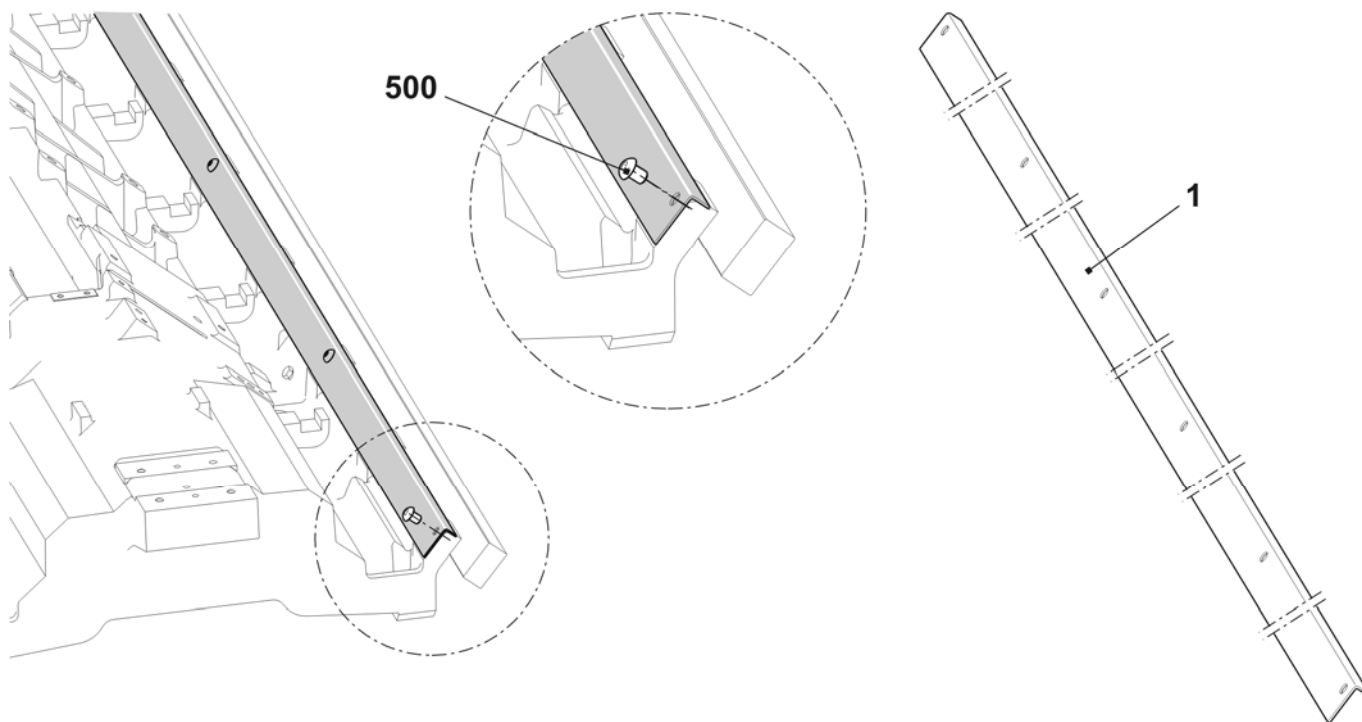
Continuation needle bed E7.2

Pos	Designation	ID	Pos	Designation	ID
2	Fixed wire Ø3.4	213 995	508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990	513	Spring thrust piece	023 177
15	Limiter on the left E10-14	205 764	515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765	516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire ø2.0	245 320	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



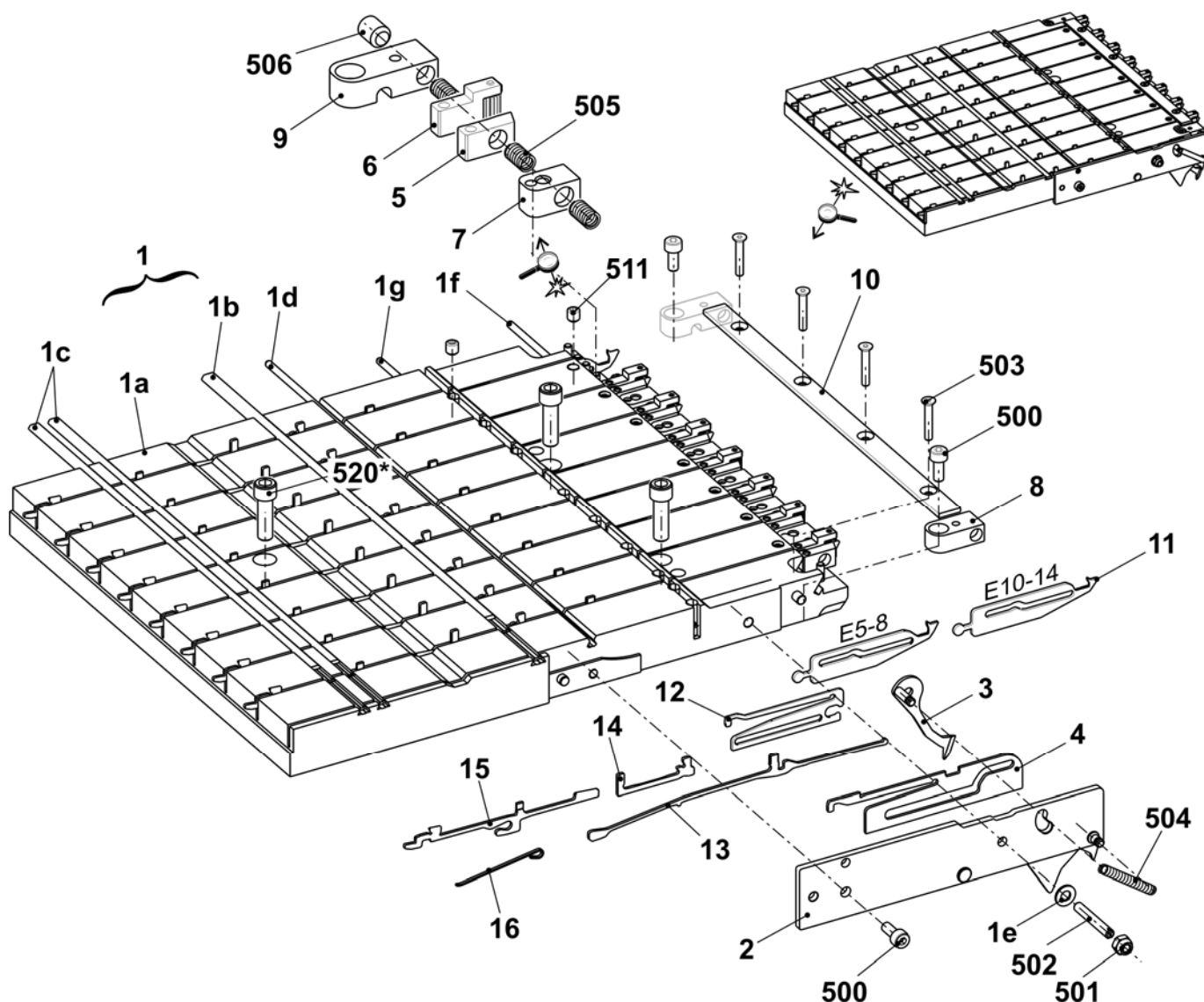
Cover

Pos	Designation	ID	Pos	Designation	ID
1	Cover	241 922	500	Countersunk screw M8x10	241 930



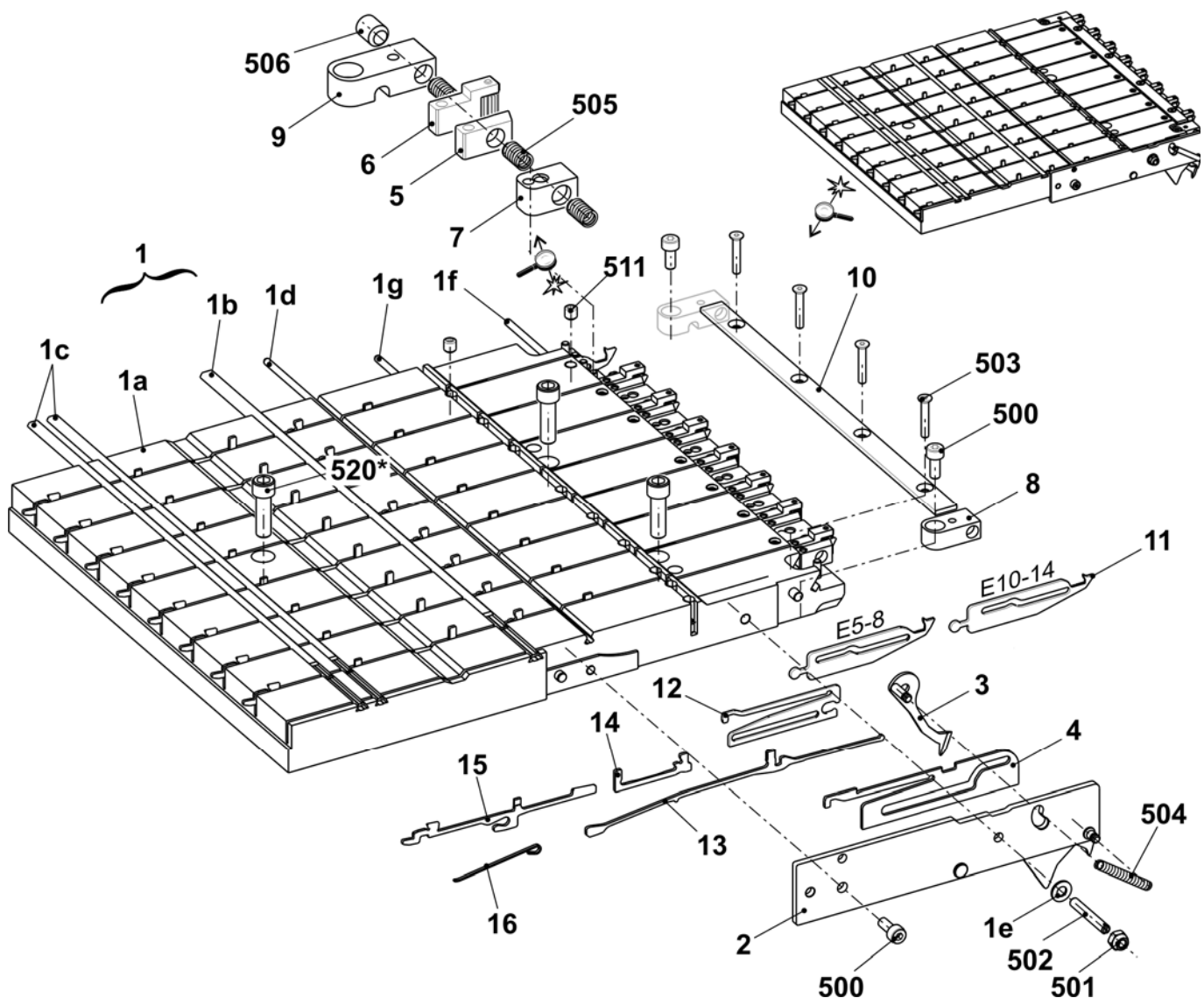
Left clamping/cutting bed E5 + E7 + E8 + E3,5.2 + E5.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E5-8 (E3,5.2/5.2 5m.4/7m.5/7m.8/8m.7)	253 242	8	Spring holder	244 032
1	Guide plate EPT on the left E5-14	253 156	9	Spring holder	244 590
	1a Guide plate on the left E5-14	253 155	10	Holding strip	253 176
	1b Cover rail	253 173	11	Tuck needle on the left E5-8	255 037
	1c Cover rail	253 174	12	Intermediate cam E10-14	244 591
	1d Fixed wire	253 172	13	Coupling part E4-E8	200 682
	1e Guide pin	211 351	14	Intermediate slider with brake E5-8	237 323
	1f Fixed wire	253 171	15	Selection jack E4-E8	200 687
	1g Fixed wire	215 927	16	Selector spring E4-E8	200 690
	511 Set screw M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E10-14	251 120	501	Hexagon nut M4	023 046
3	Catch hook on the left E10-14	251 377	502	U-washer 4	020 870
4	Slider E5-14	253 084	503	Countersunk screw M3x18	242 728
5	Blade	243 948	504	Tension spring 4x0.55x18.9	023 392
6	Clamp on the left complete	244 633	505	Compression spring 07x4,3x12,1	023 521
7	Intermediate piece	251 446	506	Set screw M6x8	022 581
			520*	Cap screw M6x20	244 824



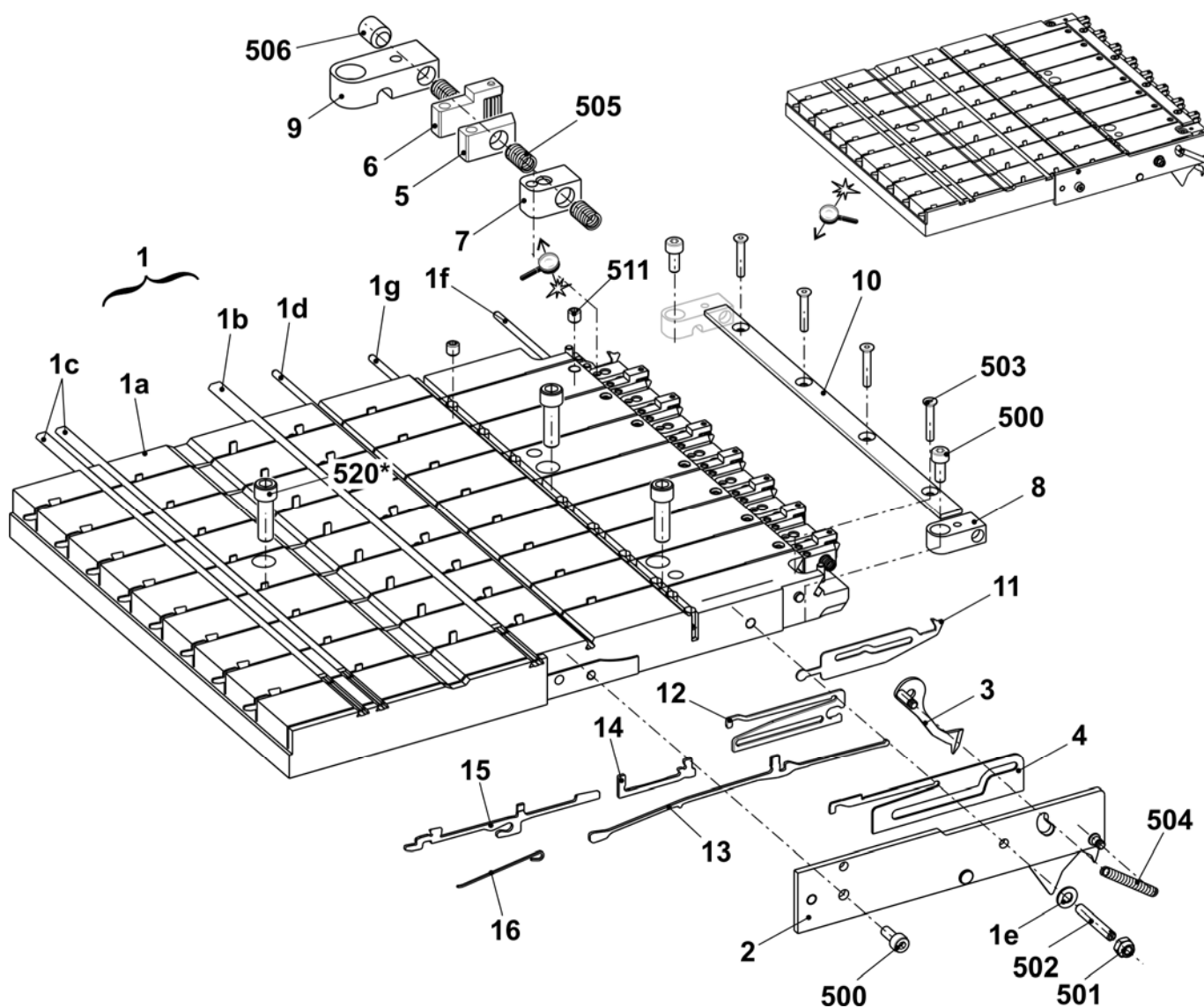
Left clamping/cutting bed E10 + E12 + E14 + E6.2 + E7.2 + E6.2(E12m.10) + E10m.12

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E10-14 (E6.2/7.2/6.2(E12m.10)/10m.12)	253 244	8	Spring holder	244 032
1	Guide plate EPT on the left E5-14	253 156	9	Spring holder	244 590
1a	Guide plate on the left E5-14	253 155	10	Holding strip	253 176
1b	Cover rail	253 173	11	Tuck needle on the left E10-14	255 039
1c	Cover rail	253 174	12	Intermediate cam E10-14	244 591
1d	Fixed wire	253 172	13	Coupling part E4-E8	200 682
1e	Guide pin	211 351	14	Intermediate slider with brake E5-8	237 323
1f	Fixed wire	253 171	15	Selection jack E4-E8	200 687
1g	Fixed wire	215 927	16	Selector spring E4-E8	200 690
511	Set screw M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E10-14	251 120	501	Hexagon nut M4	023 046
3	Catch hook on the left E10-14	251 377	502	U-washer 4	020 870
4	Slider E5-14	253 084	503	Countersunk screw M3x18	242 728
5	Blade	243 948	504	Tension spring 4x0.55x18.9	023 392
6	Clamp on the left complete	244 633	505	Compression spring 07x4,3x12,1	023 521
7	Intermediate piece	251 446	506	Set screw M6x8	022 581
			520*	Cap screw M6x20	244 824



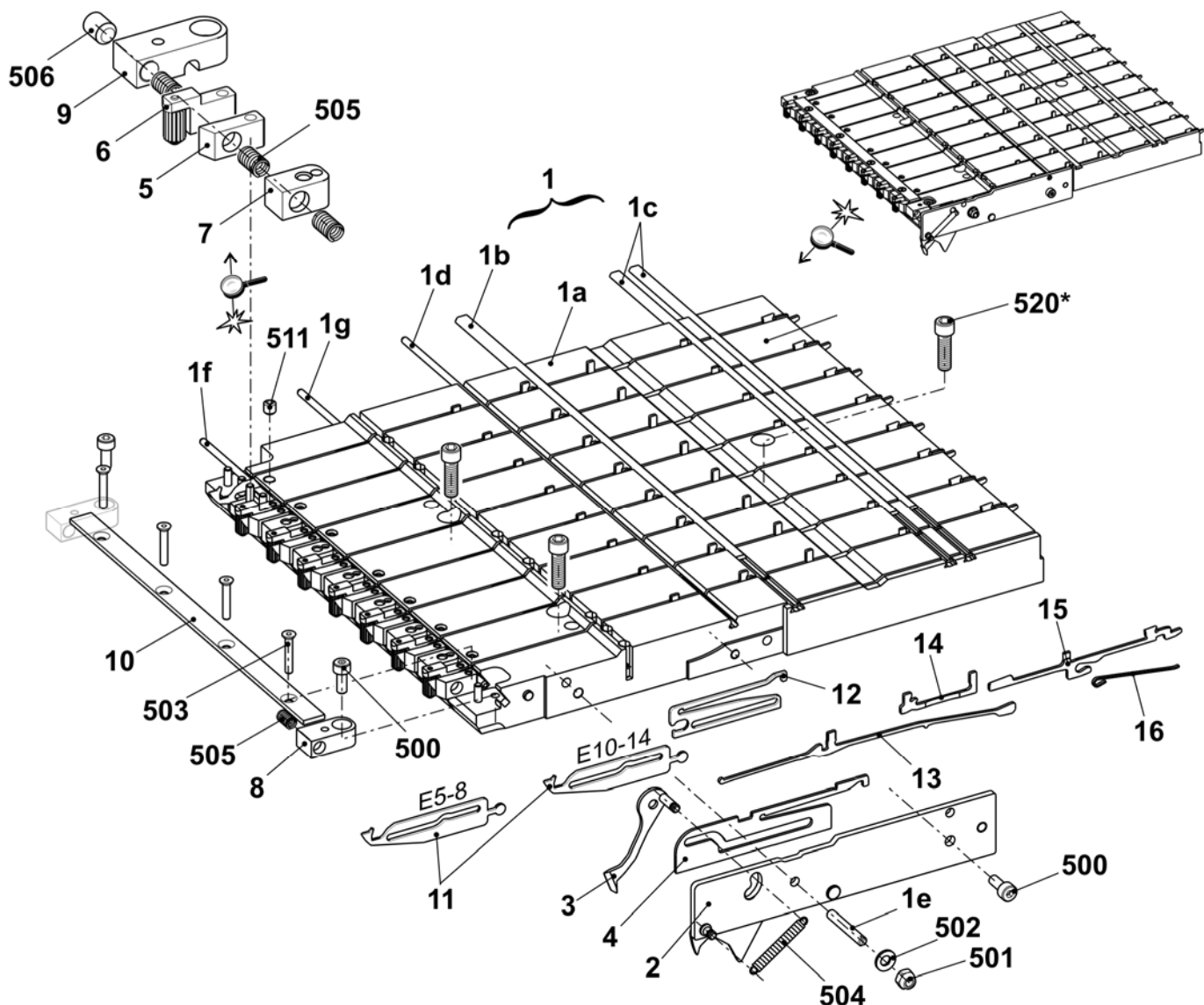
Left clamping/cutting bed E16 + E18

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E16-18	253 246	8	Spring holder	244 032
1	Guide plate EPT on the left E16-18	253 160	9	Spring holder	244 590
1a	Guide plate on the left E16-18	253 159	10	Holding strip	253 176
1b	Cover rail	253 173	11	Tuck needle on the left E16-18	255 041
1c	Cover rail	253 174	12	Intermediate cam	244 741
1d	Fixed wire	253 172	13	Coupling part E10-12	200 683
1e	Guide pin	211 351	14	Intermediate slider with brake E10-12	237 324
1f	Fixed wire	253 171	15	Selection jack E10-12	200 688
1g	Fixed wire	215 927	16	Selector spring E10-12	200 691
511	Set screw M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E16-18	242 835	501	Hexagon nut M4	023 046
3	Catch needle on the left E16-18	242 831	502	U-washer 4	020 870
4	Slider E16-18	242 828	503	Countersunk screw M3x18	242 728
5	Blade	243 948	504	Tension spring 4x0.55x18.9	023 392
6	Clamp on the left complete	244 633	505	Compression spring 07x4,3x12,1	023 521
7	Intermediate piece	251 446	506	Set screw M6x8	022 581
			520*	Cap screw M6x20	244 824



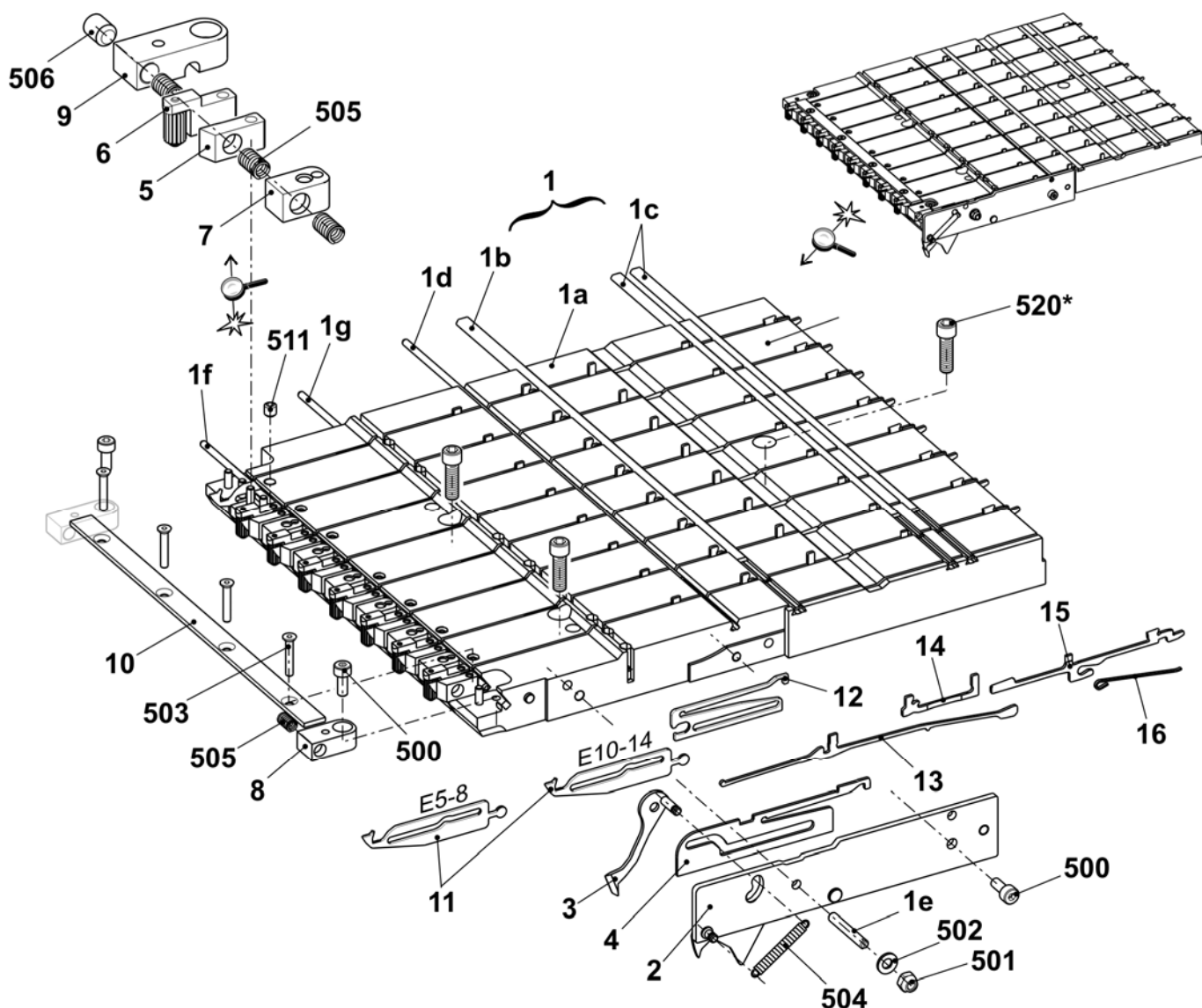
Right clamping/cutting bed E5 + E7 + E8 + E3,5.2 + E5.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E5-8 (E3,5.2/5.2 5m.4/7m.5/7m.8/8m.7)	253 241	8	Spring holder	244 032
1	Guide plate EPT on the right E5-14	253 154	9	Spring holder	244 590
	1a Guide plate on the right E5-14	251 410	10	Holding strip	253 176
	1b Cover rail	253 173	11	Tuck needle on the right E5-8	255 036
	1c Cover rail	253 174	12	Intermediate cam E10-14	244 591
	1d Fixed wire	253 172	13	Coupling part E4-E8	200 682
	1e Guide pin	211 351	14	Intermediate slider with brake E5-8	237 323
	1f Fixed wire	253 171	15	Selection jack E4-E8	200 687
	1g Fixed wire	215 927	16	Selector spring E4-E8	200 690
	511 Set screw M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E10-14	251 119	501	Hexagon nut M4	023 046
3	Catch hook on the right E10-14	251 378	502	U-washer 4	020 870
4	Slider E5-14	253 084	503	Countersunk screw M3x18	242 728
5	Blade	243 948	504	Tension spring 4x0.55x18.9	023 392
6	Clamp on the right complete	244 602	505	Compression spring 07x4,3x12,1	023 521
7	Intermediate piece	251 446	506	Set screw M6x8	022 581
			520*	Cap screw M6x20	244 824



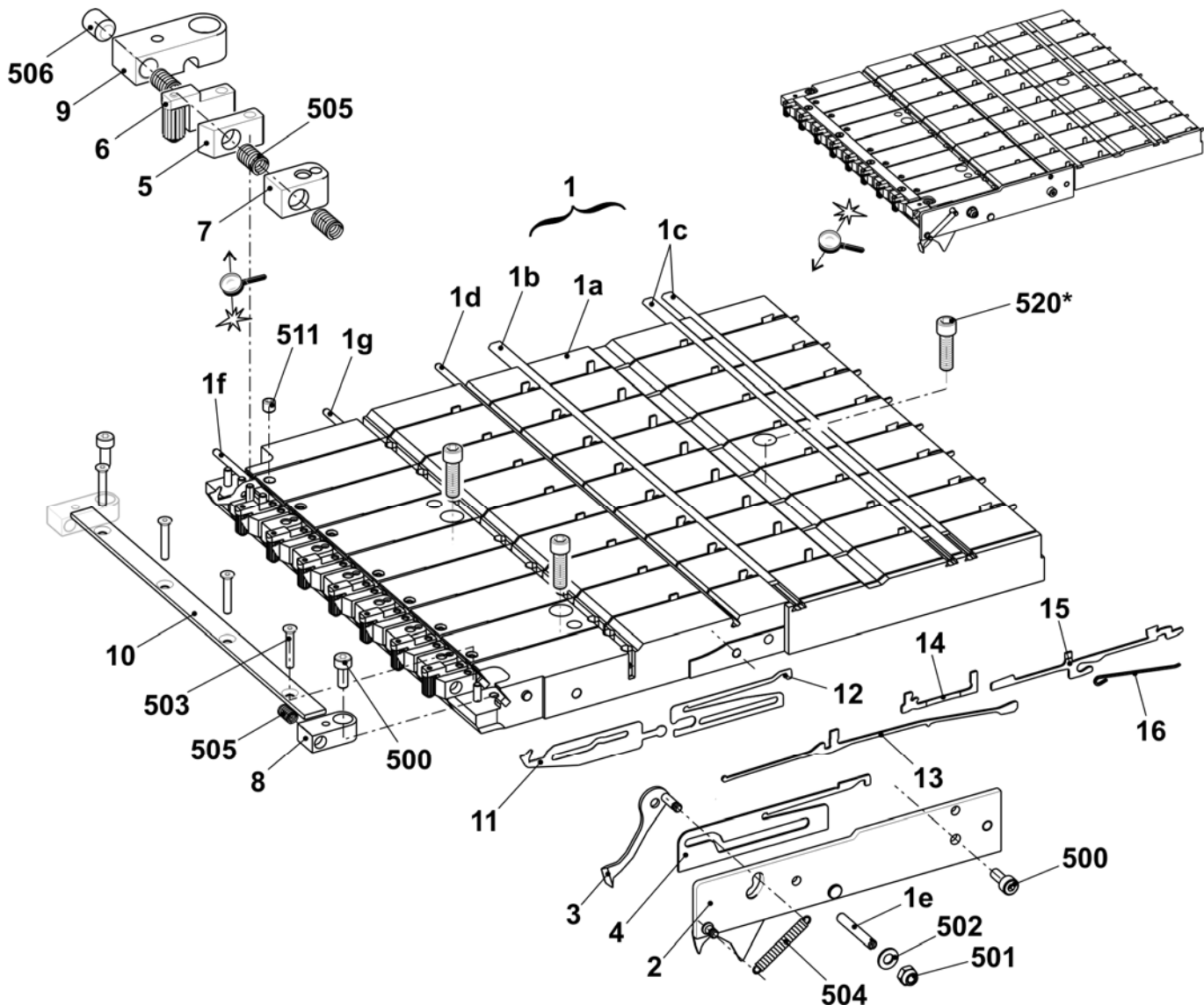
Right clamping/cutting bed E10 + E12 + E14 + E6.2 + E7.2 + E6.2(E12m.10) + E10m.12

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E10-14 (E6.2/7.2/6.2(E12m.10)/10m.12)	253 243	8	Spring holder	244 032
1	Guide plate EPT on the right E5-14	253 154	9	Spring holder	244 590
1a	Guide plate on the right E5-14	251 410	10	Holding strip	253 176
1b	Cover rail	253 173	11	Tuck needle on the right E10-14	255 038
1c	Cover rail	253 174	12	Intermediate cam E10-14	244 591
1d	Fixed wire	253 172	13	Coupling part E4-E8	200 682
1e	Guide pin	211 351	14	Intermediate slider with brake E5-8	237 323
1f	Fixed wire	253 171	15	Selection jack E4-E8	200 687
1g	Fixed wire	215 927	16	Selector spring E4-E8	200 690
511	Set screw M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E10-14	251 119	501	Hexagon nut M4	023 046
3	Catch hook on the right E10-14	251 378	502	U-washer 4	020 870
4	Slider E5-14	253 084	503	Countersunk screw M3x18	242 728
5	Blade	243 948	504	Tension spring 4x0.55x18.9	023 392
6	Clamp on the right complete	244 602	505	Compression spring 07x4,3x12,1	023 521
7	Intermediate piece	251 446	506	Set screw M6x8	022 581
			520*	Cap screw M6x20	244 824

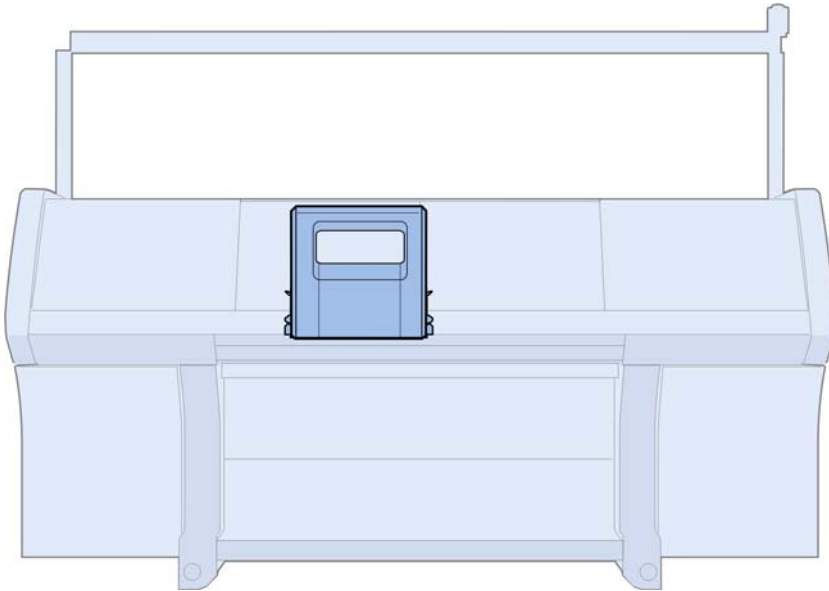


Right clamping/cutting bed E16 + E18

Pos	Designation	ID	Pos	Designation	ID
Σ	Clamping/cutting bed on the right		8	Spring holder	244 032
	E16-18	253 245	9	Spring holder	244 590
1	Guide plate EPT on the right E16-18	253 158	10	Holding strip	253 176
	1a Guide plate on the right E16-18	253 157	11	Tuck needle on the right E16-18	255 040
	1b Cover rail	253 173	12	Intermediate cam	244 741
	1c Cover rail	253 174	13	Coupling part E10-12	200 683
	1d Fixed wire	253 172	14	Intermediate slider with brake E10-12	237 324
	1e Guide pin	211 351	15	Selection jack E10-12	200 688
	1f Fixed wire	253 171	16	Selector spring E10-12	200 691
	1g Fixed wire	215 927	500	Cap screw M4x10	023 136
	511 Set screw M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the right complete E16-18	242 836	502	U-washer 4	020 870
3	Catch hook on the right E16-18	242 833	503	Countersunk screw M3x18	242 728
4	Slider E16-18	242 828	504	Tension spring 4x0.55x18.9	023 392
5	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
6	Clamp on the right complete	244 602	506	Set screw M6x8	022 581
7	Intermediate piece	251 446	520*	Cap screw M6x20	244 824

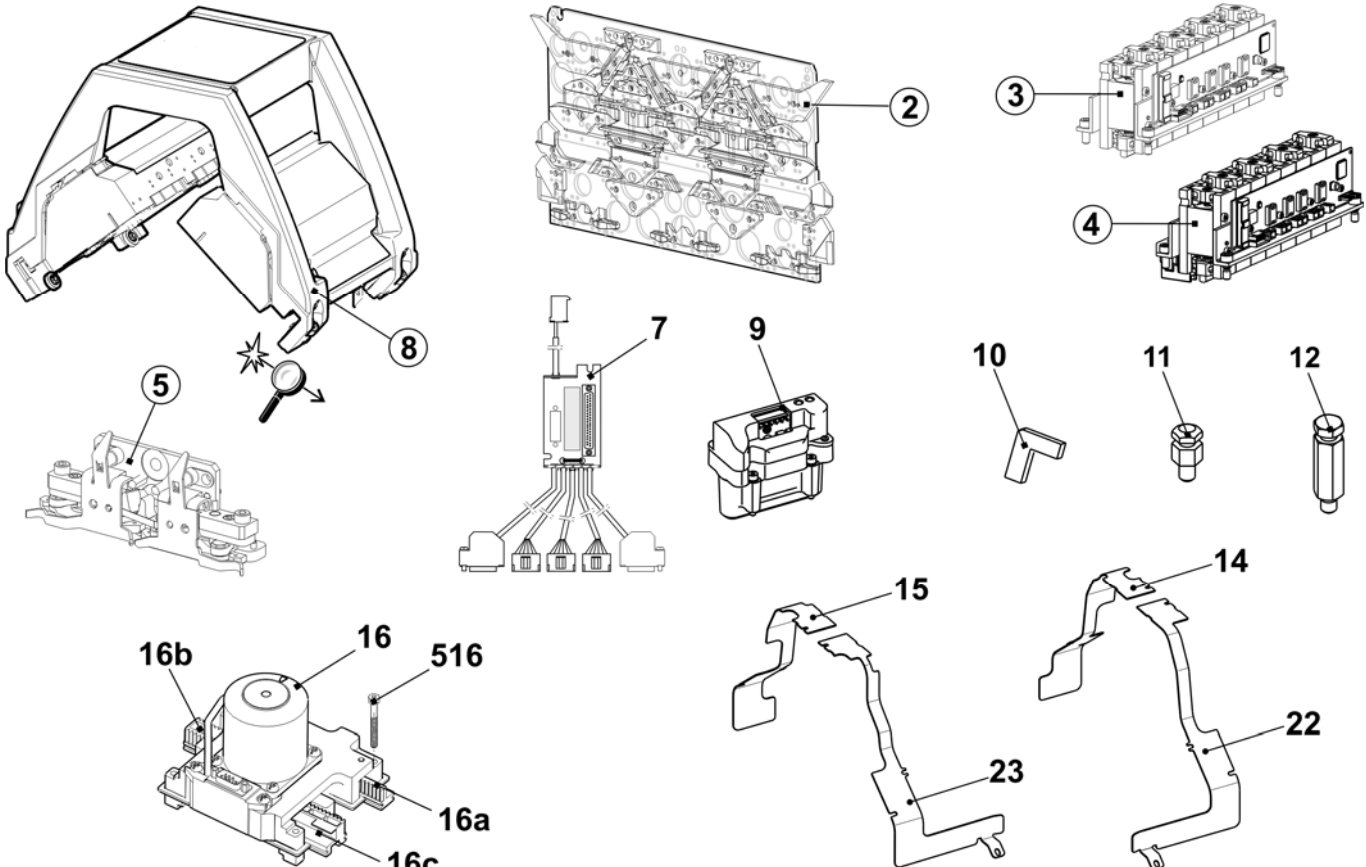


Carriage



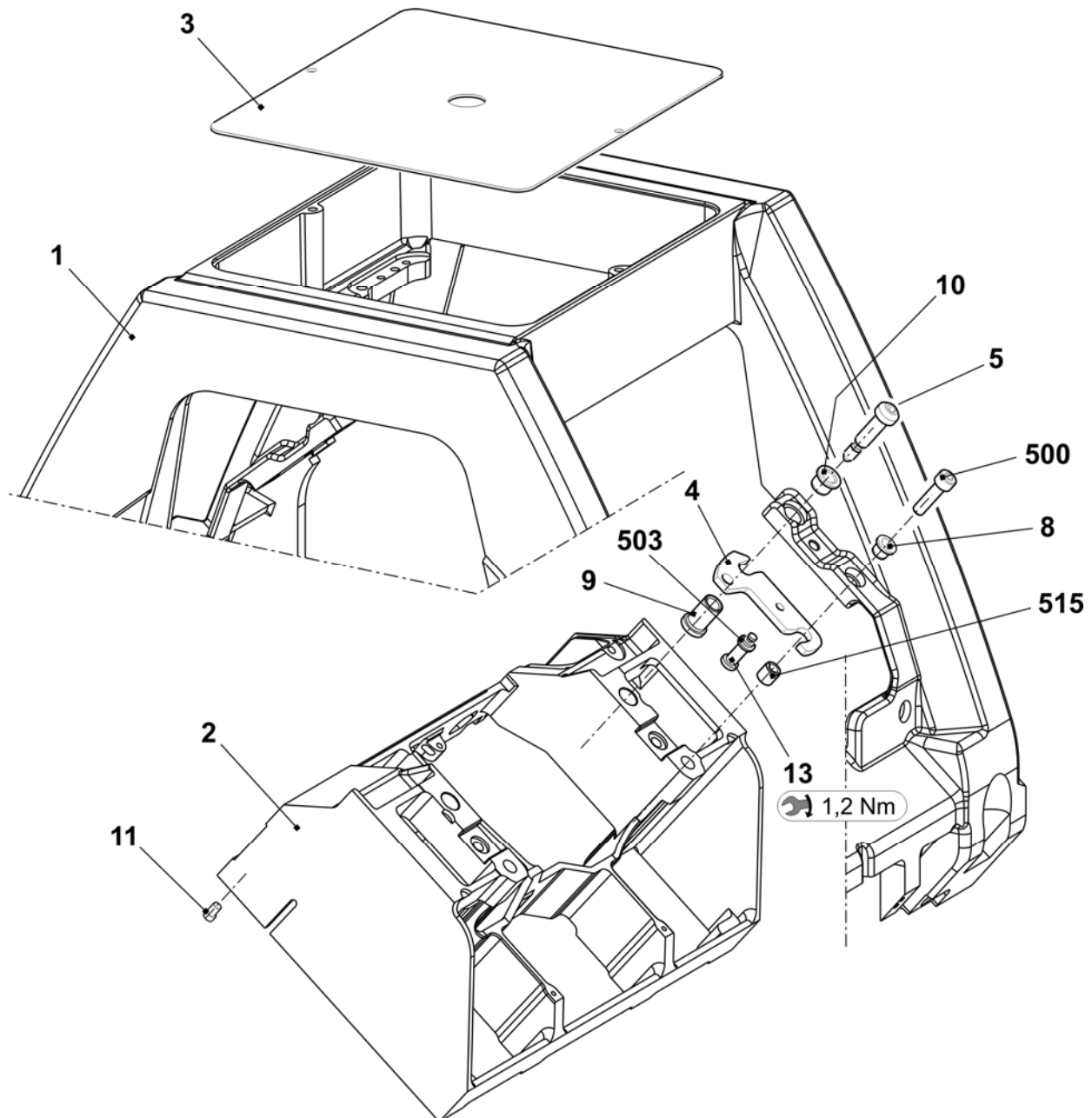
Overview of carriage

Pos	Designation	ID	Pos	Designation	ID
	Carriage complete				
	E5 + E5m.4 + E7m.5 + E3,5.2	243 123	9	E14 + E7.2	229 300
	E7 + E8 + E7m.8 + E8m.7	243 124		E16 + E18	220 114
	E10	243 125	2	Cam (set) complete	
	E12	243 126		E5 + E5m.4 + E7m.5 + E3,5.2 + E5.2	243 132
	E14	241 413		E7 + E8 + E7m.8 + E8m.7	243 133
	E16 + E18	241 797		E10	243 134
	E5.2	243 130		E12	243 135
	E6.2	243 131		E14	241 488
	E7.2	242 468		E16 + E18	241 789
	E10m.12	243 127		E6.2	243 129
	E12m.10	243 128		E7.2	242 469
3	YC driving outside complete	241 080		E10m.12	243 136
4	YC driving in the middle complete	241 081		E12m.10	243 137
5	Holding-down jack control complete		10	Wiper (felt)	241 411
	E5 + E7 + E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 515	11	Bolt	212 392
	E10 + E10m.12	241 516	12	Bolt	243 171
	E12 - E14+ E6.2 + E6.2(12m.10) + E14/12 + E7.2	241 517	14	Cover plate on the left	250 274
	E16 + E18	250 250	15	Cover plate on the right	250 275
7	Distributor at the back and the front	252 009	16	Motor unit complete (AT=711017)	211 017
8	Carriage assembly complete	241 412	16a	Gear rack at the top	209 781
9	Selection system complete		16b	Gear rack in the middle	209 782
	E2 – E8	216 218	16c	Gear rack at the bottom	209 783
	E10 - E12 + E10m.12 + E5.2 + E6.2 + E6.2(12m.10)	216 219	516	Screw M4x12	023 367
			22	Guide plate at the rear on the left	245 323
			23	Guide plate at the rear on the right	245 324



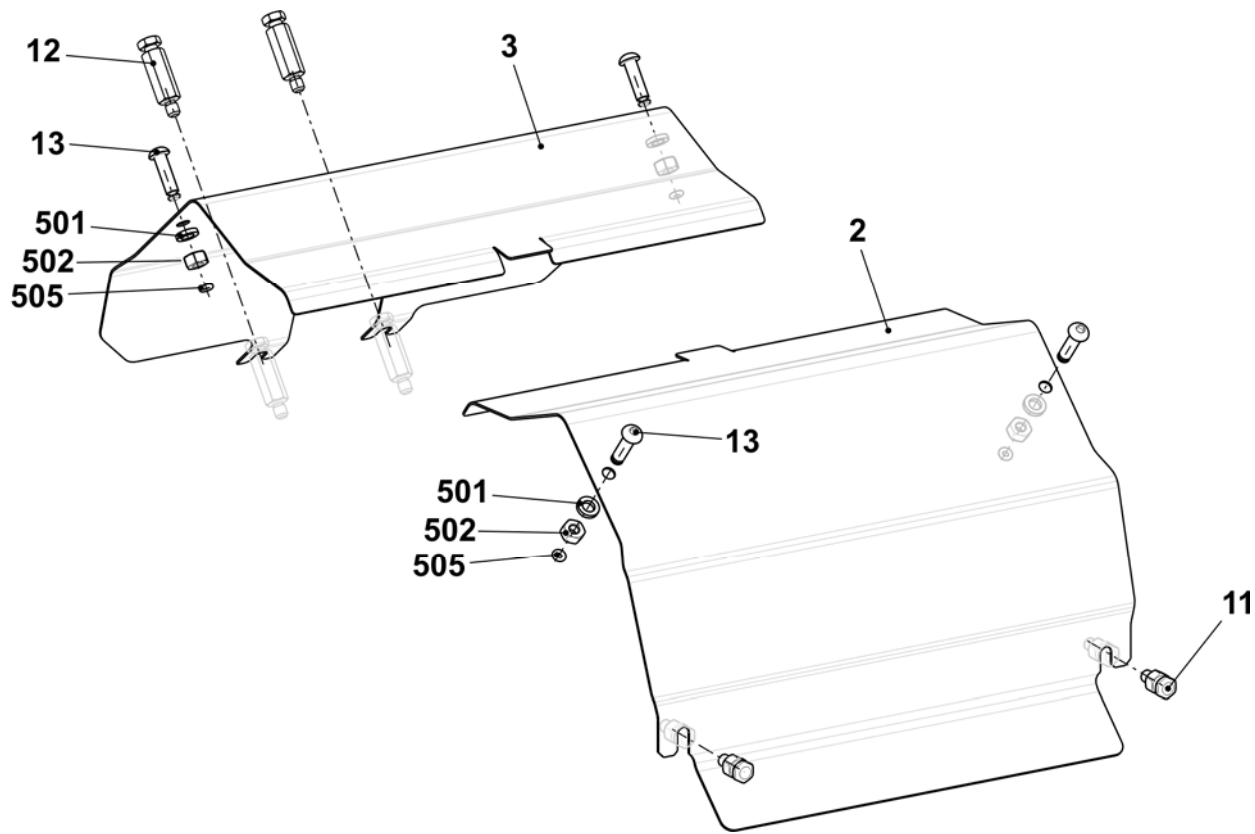
Carriage assembly

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage assembly 2 cam boxes	241 412	9	Bush	209 275
1	Carriage frame, 2 cam boxes	251 351	10	Bush	209 274
2	Carriage part, 2 cam boxes	240 572	11	Eccentric	222 983
3	Carriage cover at the top, 2 cam boxes	252 616	13	Fixing bolt linking spot	244 179
5	Shoulder screw	211 750	500	Cap screw M8X30	020 143
4	Shim	225 312	503	Circlip 6	021 022
8	Bush	207 546	515	Threaded bushing	041 863



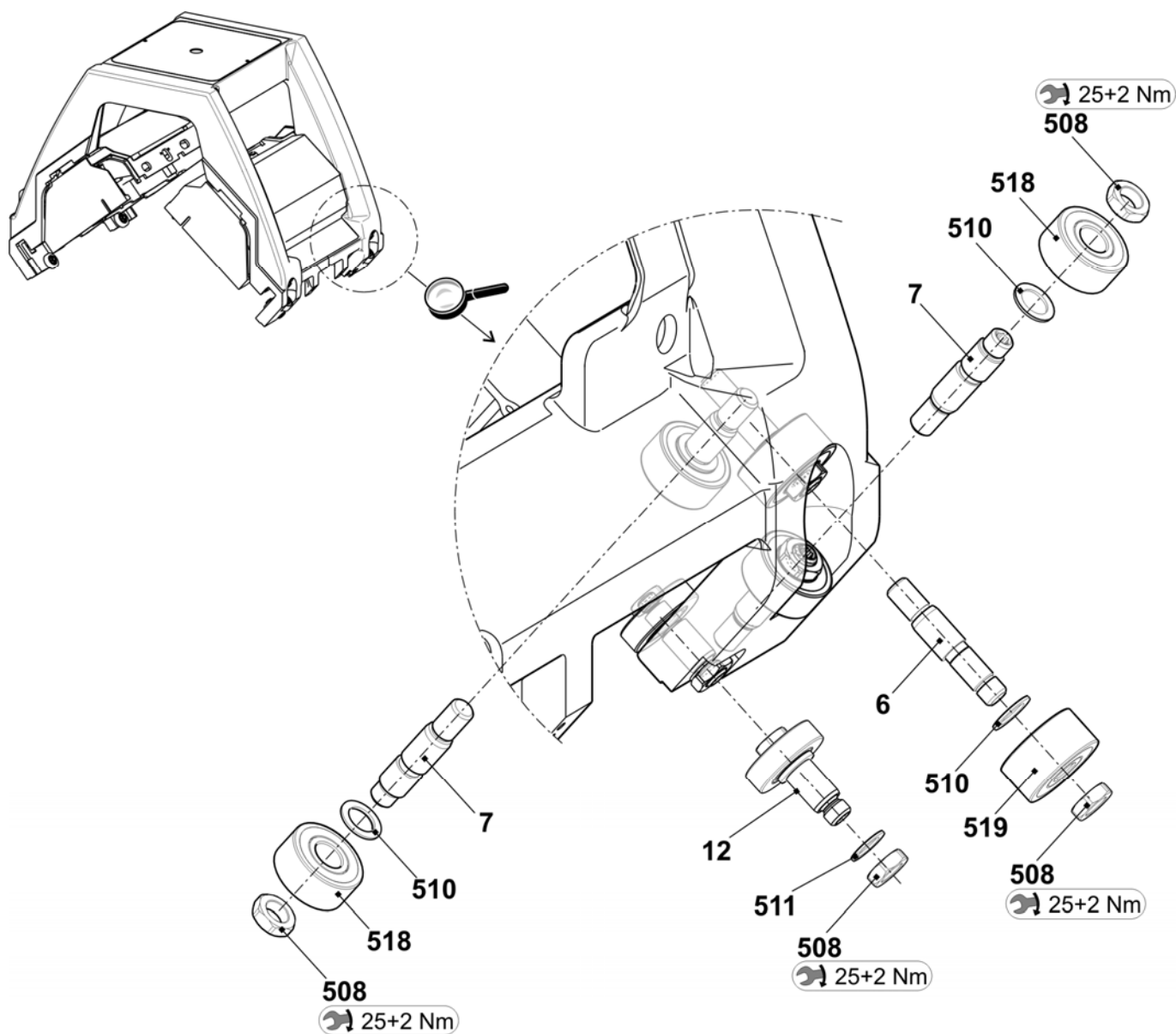
Carriage cover

Pos	Designation	ID	Pos	Designation	ID
2	Carriage cover at the front 420E	252 614	13	Fixing bolt	242 382
3	Carriage cover at the rear ECO2	252 615	501	Serrated lock washer 6.4	022 385
11	Bolt	212 392	502	Hexagon nut M6	022 899
12	Bolt	243 171	505	O-ring	242 420



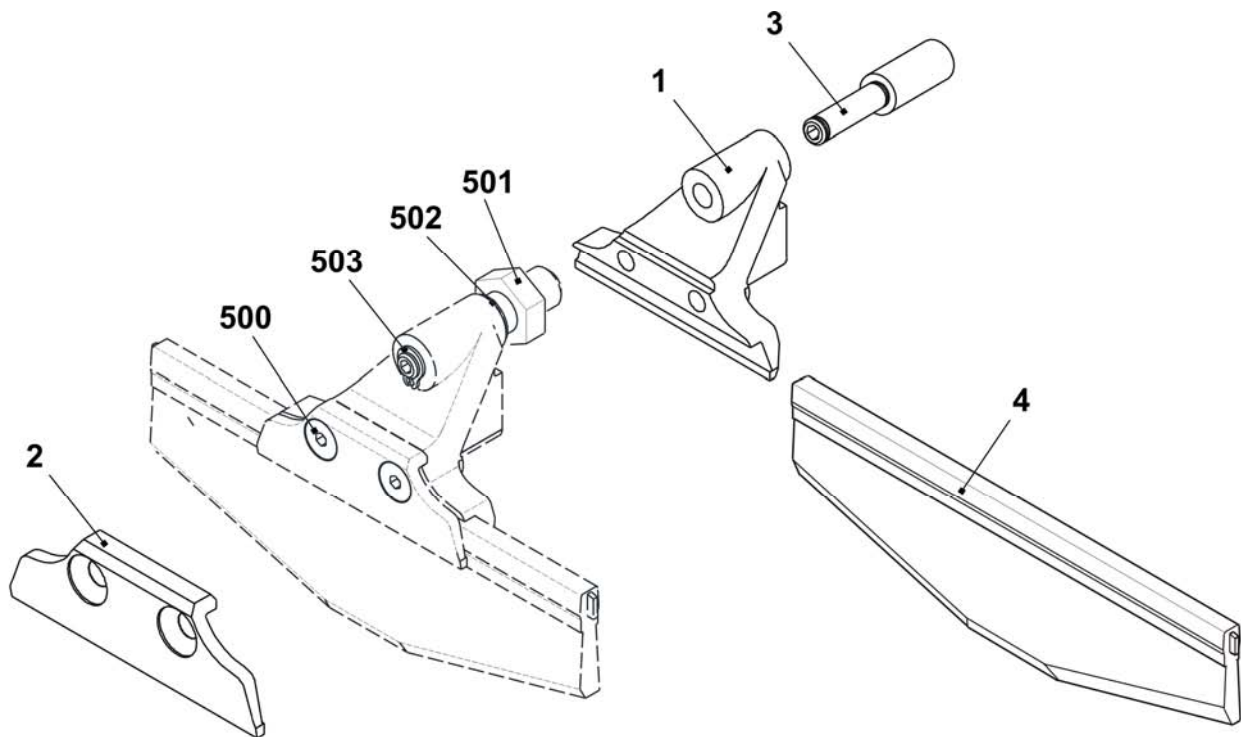
Carriage guide

Pos	Designation	ID	Pos	Designation	ID
6	Bearing bolt eccentric 0.5	242 060	510	Shim ring 12x18x1	023 315
7	Bearing bolt eccentric 0.5	240 624	511	Adjusting washer 10x16x1	023 260
12	Bolt pre-assembled	244 283	518	Ball bearing 62201-2RS	241 408
508	Nut M10	023 316	519	Ball bearing 62300-2RS1	242 070



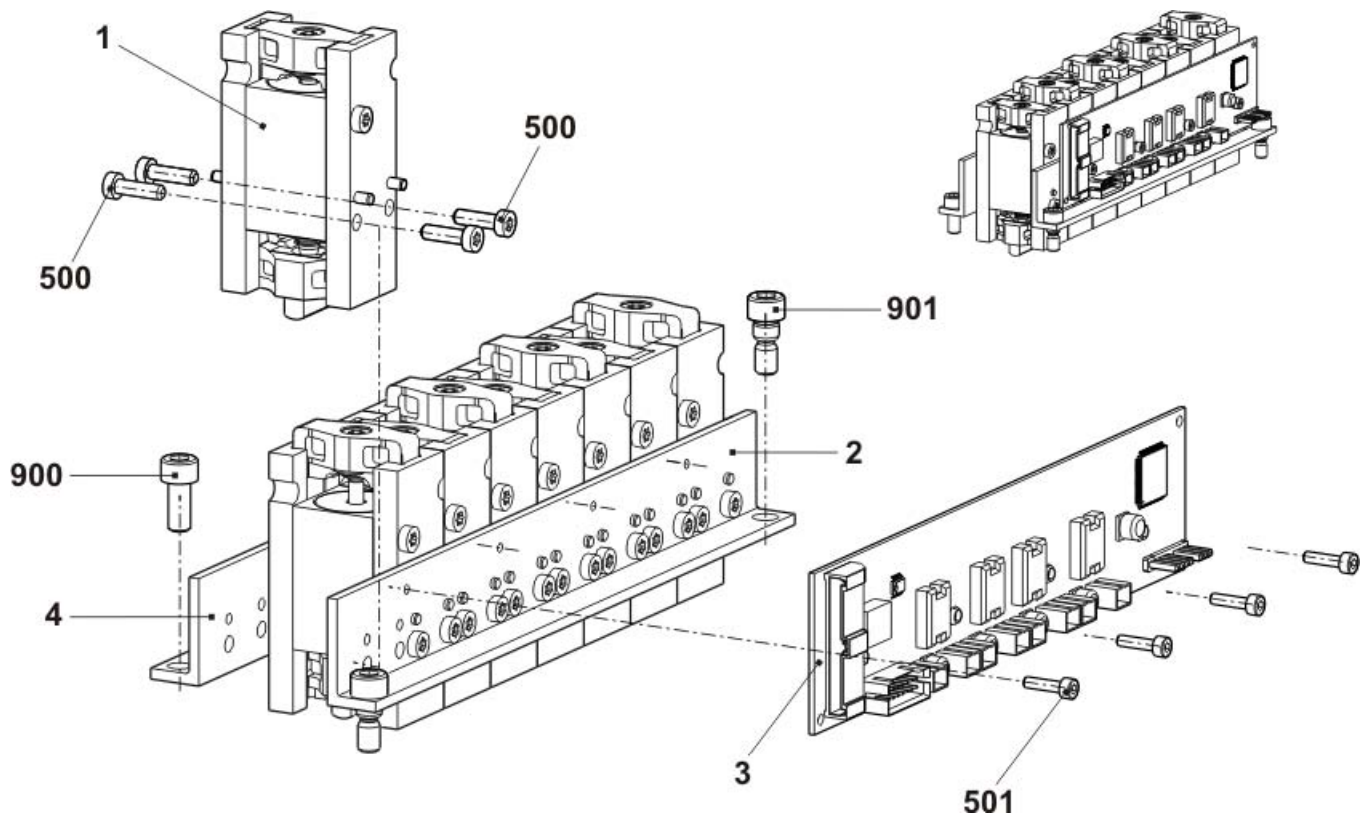
Brush holder

Pos	Designation	ID	Pos	Designation	ID
Σ	Brush holder complete		4	Brush	
	E5 + E7 + E8 (E2,5.2/3,5.2/5.2/5m.4/7m.5/7m.8/8m.7)	213 710		E5 + E7 + E8 (E2,5.2/3,5.2/5.2/5m.4/7m.5/7m.8/8m.7)	203 254
	E10 + E12 + E14 (E14/12/E6.2-7.2/10m.12/6.2(E12m.10))	213 711		E10 + E12 + E14 (E14/12/E6.2-7.2/10m.12/6.2(E12m.10))	212 854
	E16 + E18 (E8.2/9.2)	223 185		E16- 18 (E8.2/9.2)	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



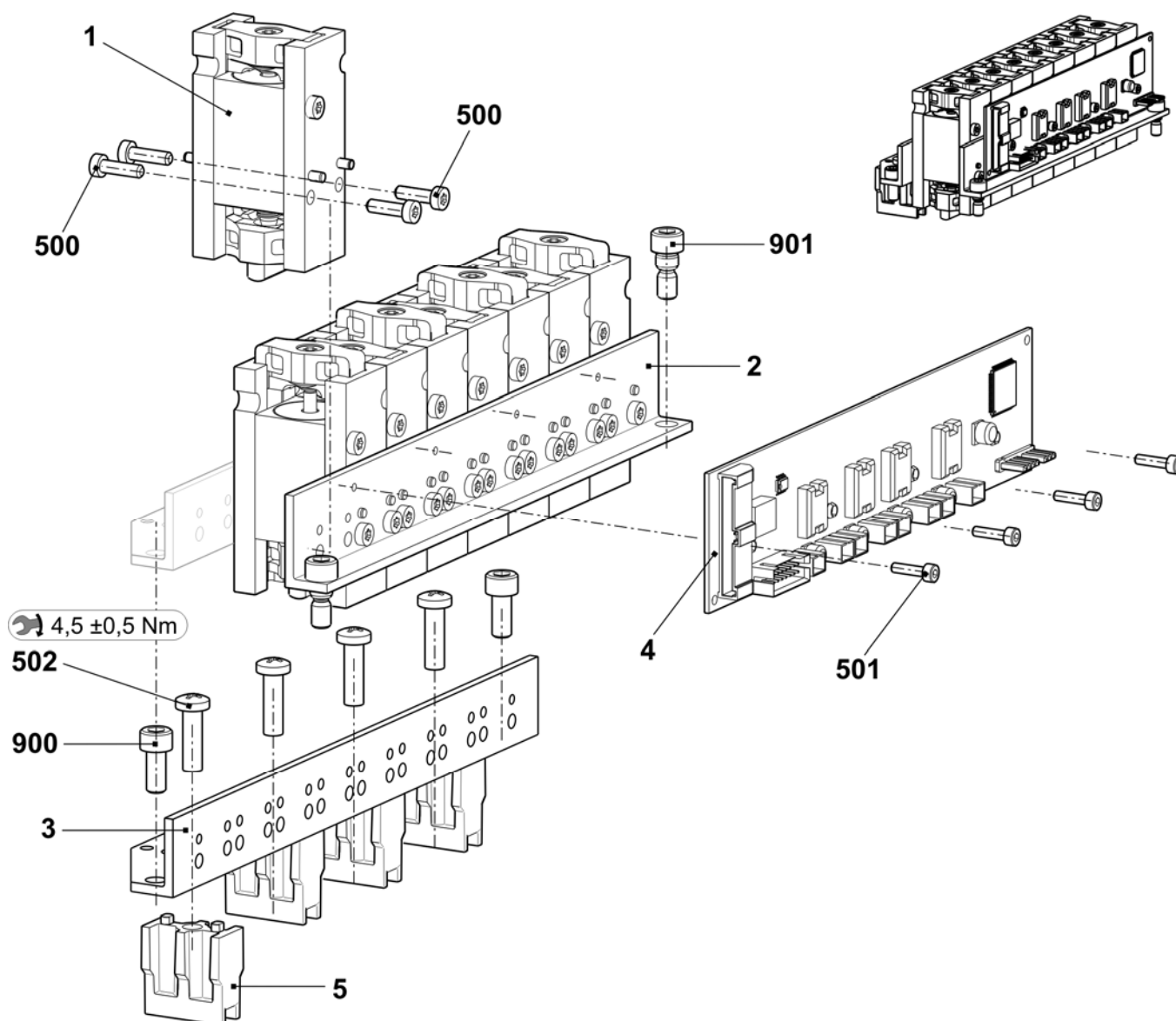
Yarn carrier driving without guiding part

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving outside complete	241 080			
1	Yarn carrier plunger complete	242 214	500	Cap screw M4x14-I-Torx	242 279
2	Support angle for jack	241 038	501	Cap screw M3x12-12.9	022 648
3	Card yarn carrier final stages OKC	300 960	900	Cap screw M6x14	022 658
4	Support angle for YC driving	242 903	901	Shoulder screw	231 899



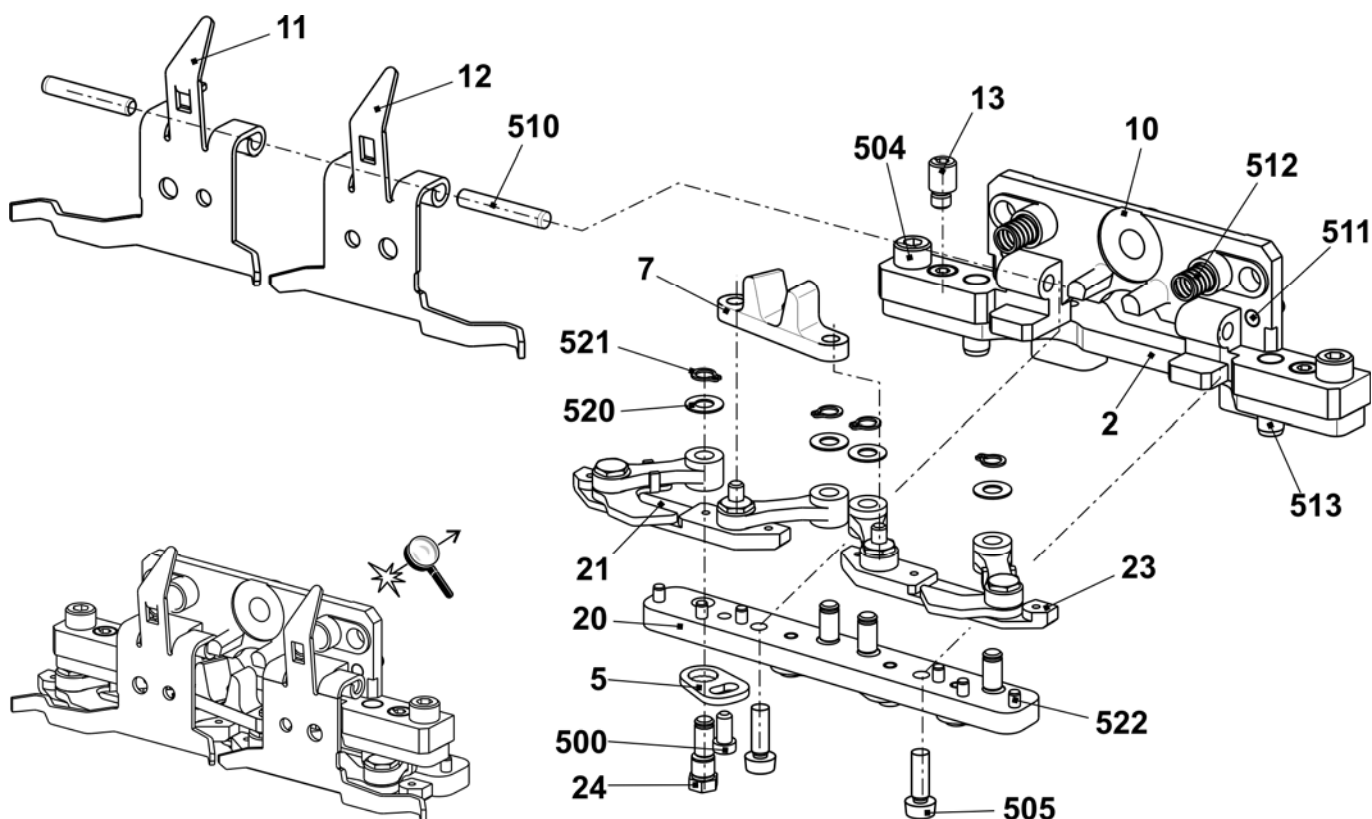
Yarn carrier driving with guiding part

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving in the middle complete	241 081			
1	Yarn carrier plunger complete	242 214	500	Cap screw M4x14-I-Torx	242 279
2	Support angle for jack	241 038	501	Cap screw M3x12-12.9	022 648
3	Support angle for YC driving	241 044	502	Screw KB60X20	243 625
4	Card yarn carrier final stages OKC	300 960	900	Cap screw M6x14	022 658
5	Guiding part	239 972	901	Shoulder screw	231 899



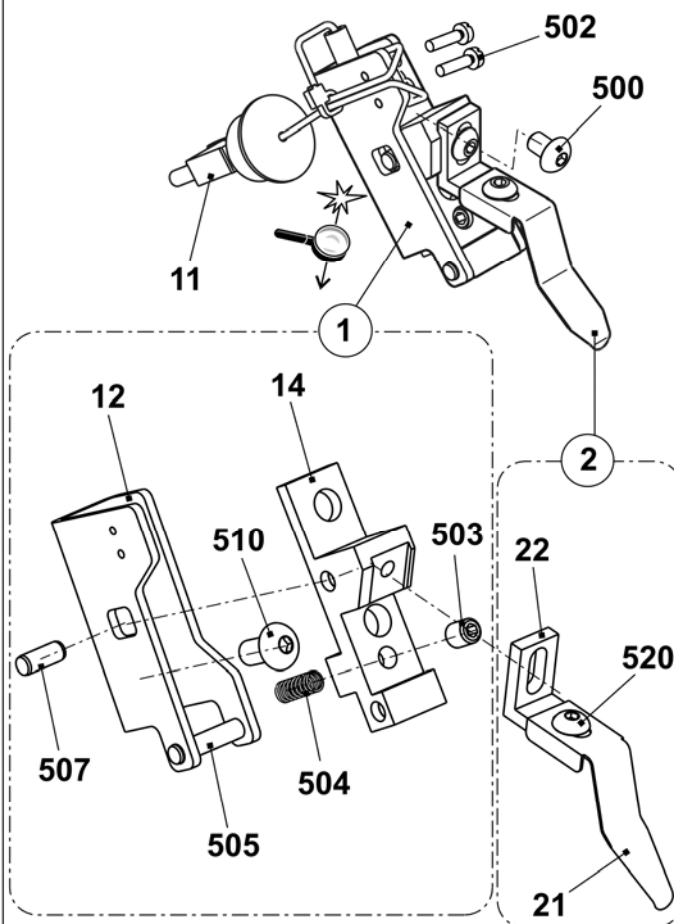
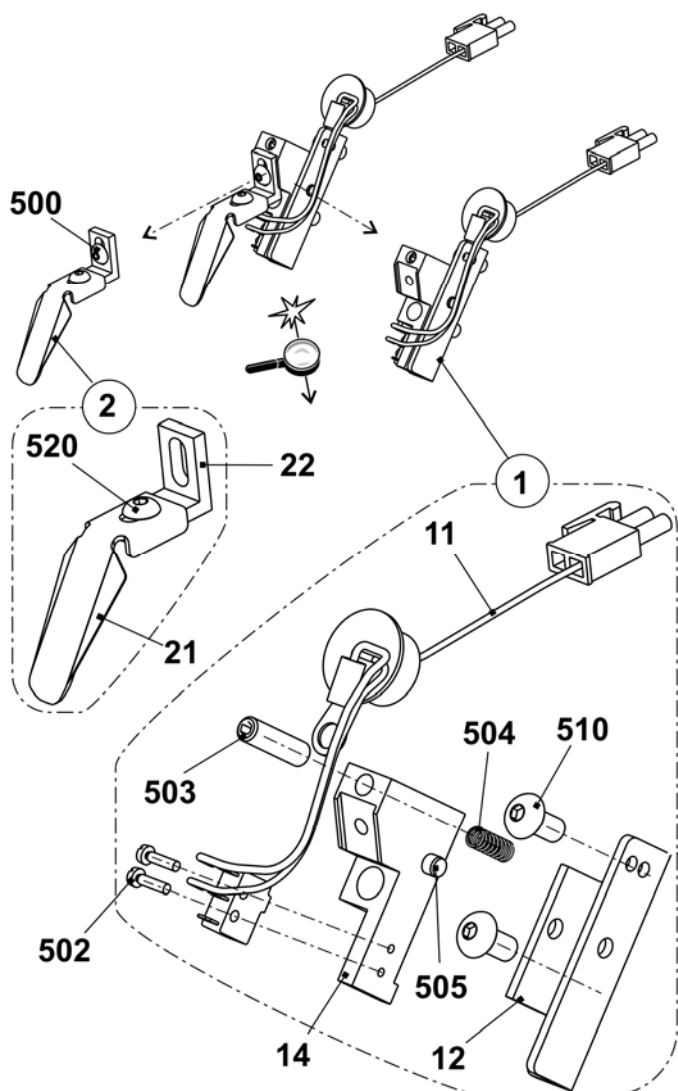
Holding-down jack control

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack control complete		23	Slider on the left complete	
	E5 + E7 + E8 + E3,5.2 + E5.2 + E7m.8 + E8m.7 + E5m.4 + E7m.5	241 515		E5 + E7 + E8 + E3,5.2 + E5.2 + E7m.8 + E8m.7 + E5m.4 + E7m.5	212 611
	E10 + E10m.12	241 516		E10 + E10m.12	213 053
	E12 + E14 + E6.2 + E7.2 + E.2(12m.10)	241 517		E12 + E14 + E6.2 + E7.2 + E.2(12m.10)	213 056
	E16 + E18 + E8.2	250 250		E16 + E18 + E8.2	250 139
2	Connection plate	241 326	24	Bolt	209 722
5	Adjusting plate	211 507	500	Countersunk screw M4x8	023 579
10	Assembly plate	241 281	504	Cap screw M5x12	020 132
11	Set-out plate on the right	212 382	505	Cap screw M4x12-5.8	241 859
12	Set-out plate on the left	212 396	510	Setting pin 4x24	020 664
13	Eccentric	251 152	511	Setting pin 4x10	020 657
20	Holding-down cam plate	241 349	512	Compression spring 0.68x5.10x19.00	238 702
21	Slider on the right complete		513	Dowel pin 6x18	020 678
	E5 + E7 + E8 + E3,5.2 + E5.2 + E7m.8 + E8m.7 + E5m.4 + E7m.5	212 610	520	Adjusting washer 5x10x0.5	023 348
	E10 + E10m.12	212 943			
	E12 + E14 + E6.2 + E7.2 + E.2(12m.10)	213 055	521	Locking ring 5x0.6	023 347
	E16 + E18 + E8.2	250 140	522	Setting pin 3x10	020 645



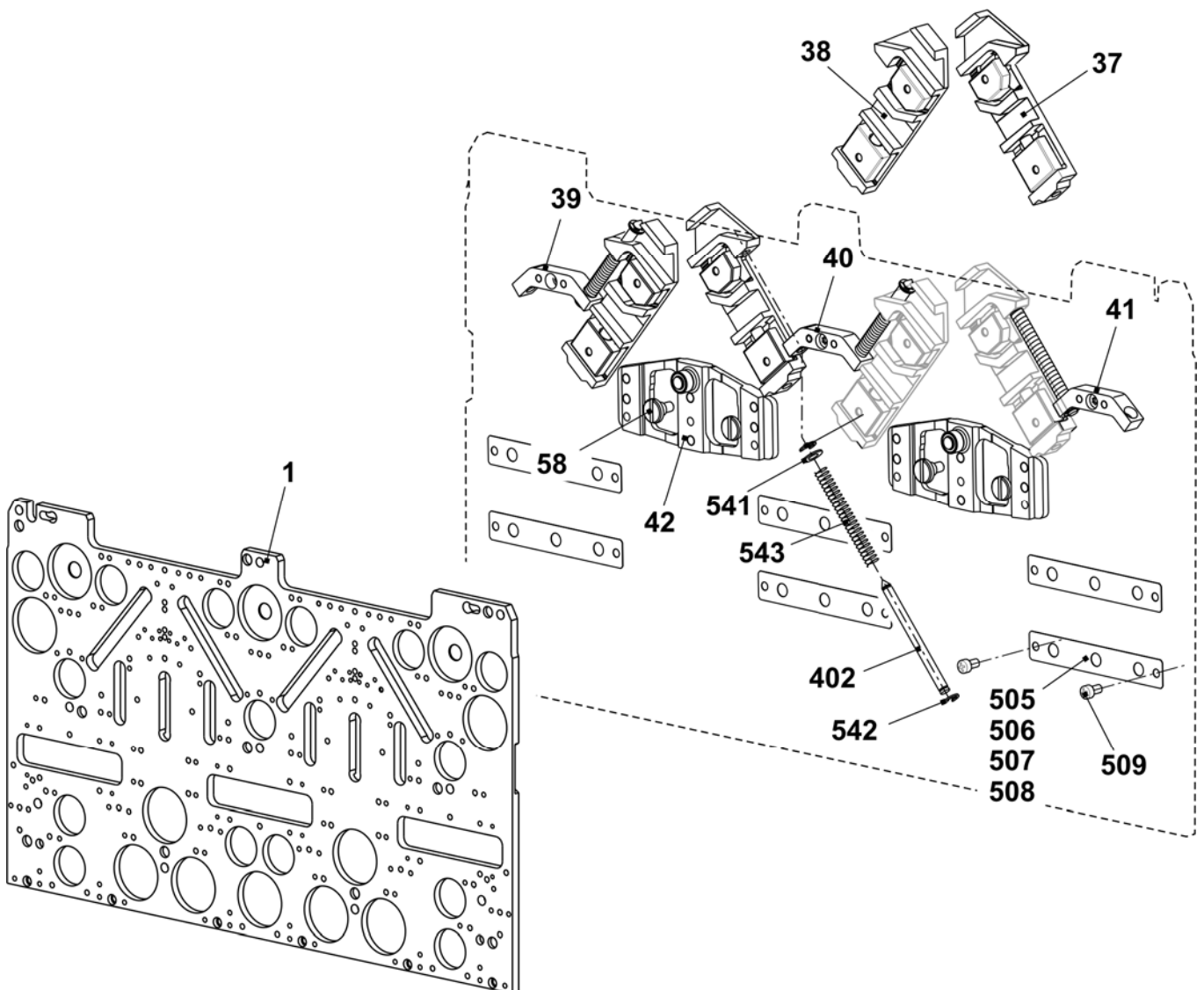
Needle detector

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle detector E5 + E7 + E8 + E10 + E12 + E14 + E2,5.2 - E6.2 + E5.2 + E7.2 + 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	Cable of needle detector complete	221 207	11	Cable of needle detector complete E16-18	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 M5x20-45	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 4x20-A-St	239 316
			507	Dowel pin 4x10-A-St	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



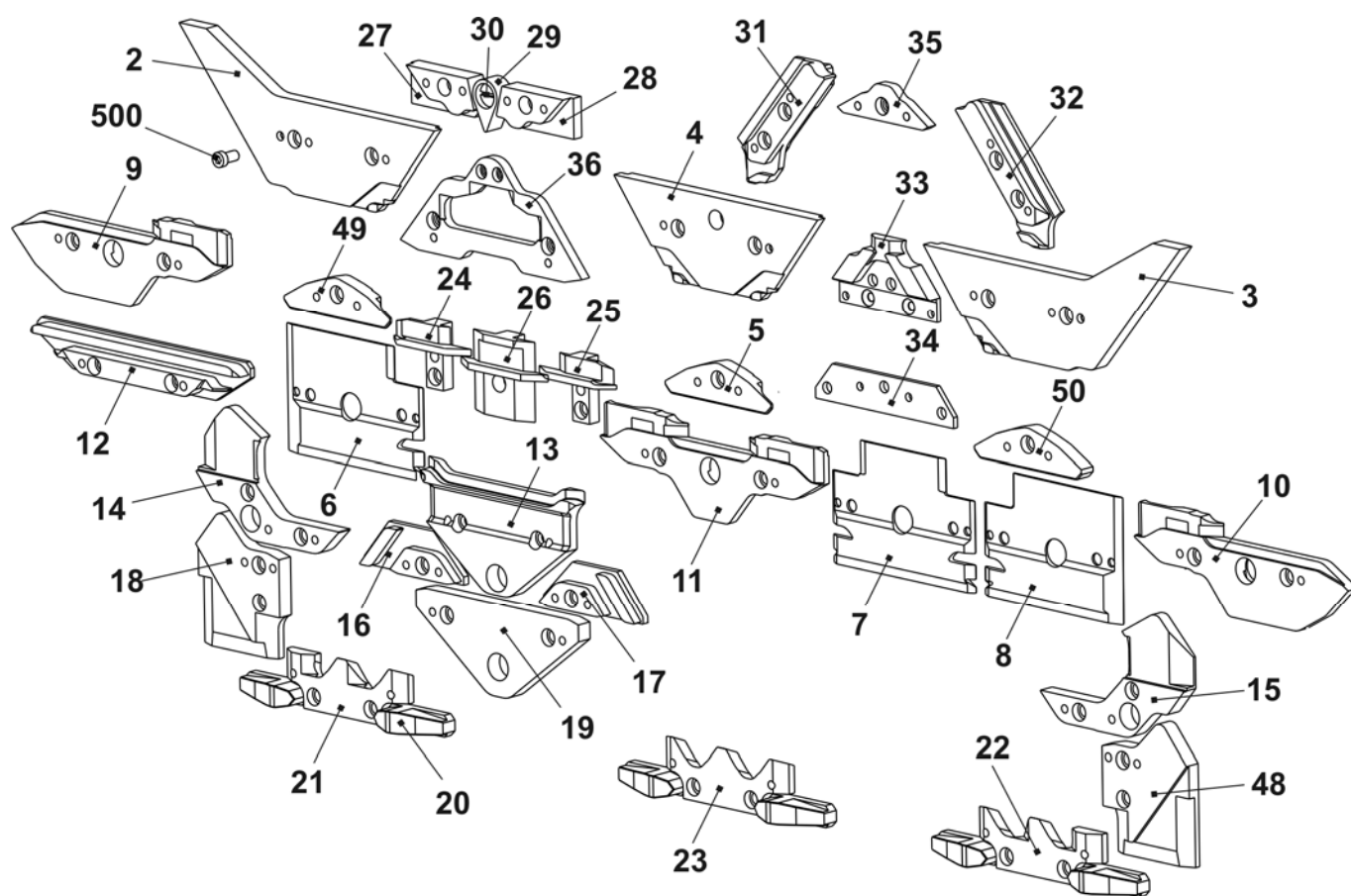
Cam box E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E5	243 132	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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 both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



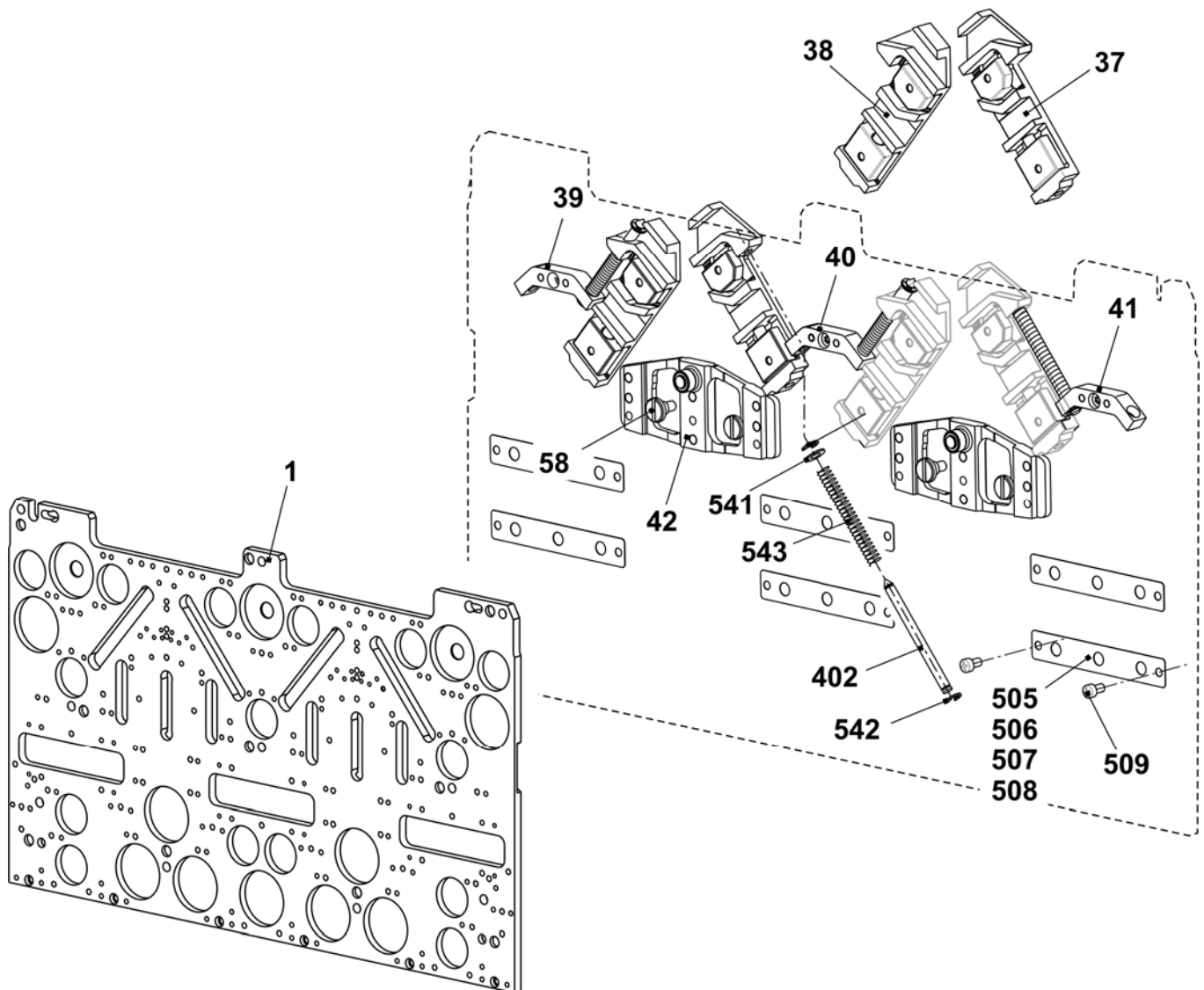
Cams E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5

Pos	Designation	ID	Pos	Designation	ID
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 part take-over on the left	239 848
5	Entry cam in the middle at the bottom E2,5.2 + E3,5.2	235 719	25	Pressure part take-over on the right	239 849
6	Plate on the left	230 988	26	Tuck pressure part	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	253 517
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 without split E5	253 516
17	Cam on the right	236 193		Knitting raising cam with split E5	255 174
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



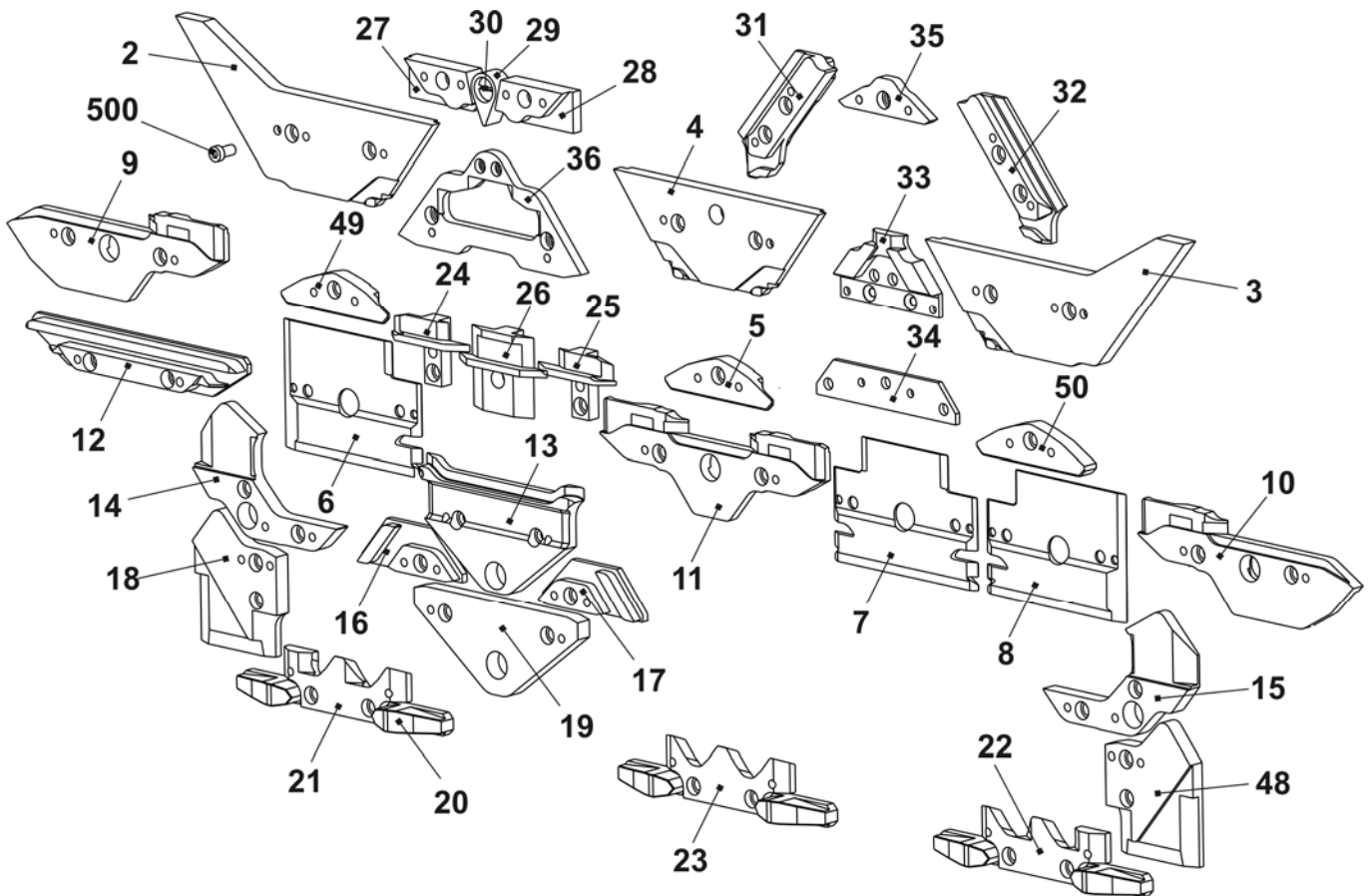
Cam box E7 + E8 + E7m.8 + E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E7-8	243 133	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



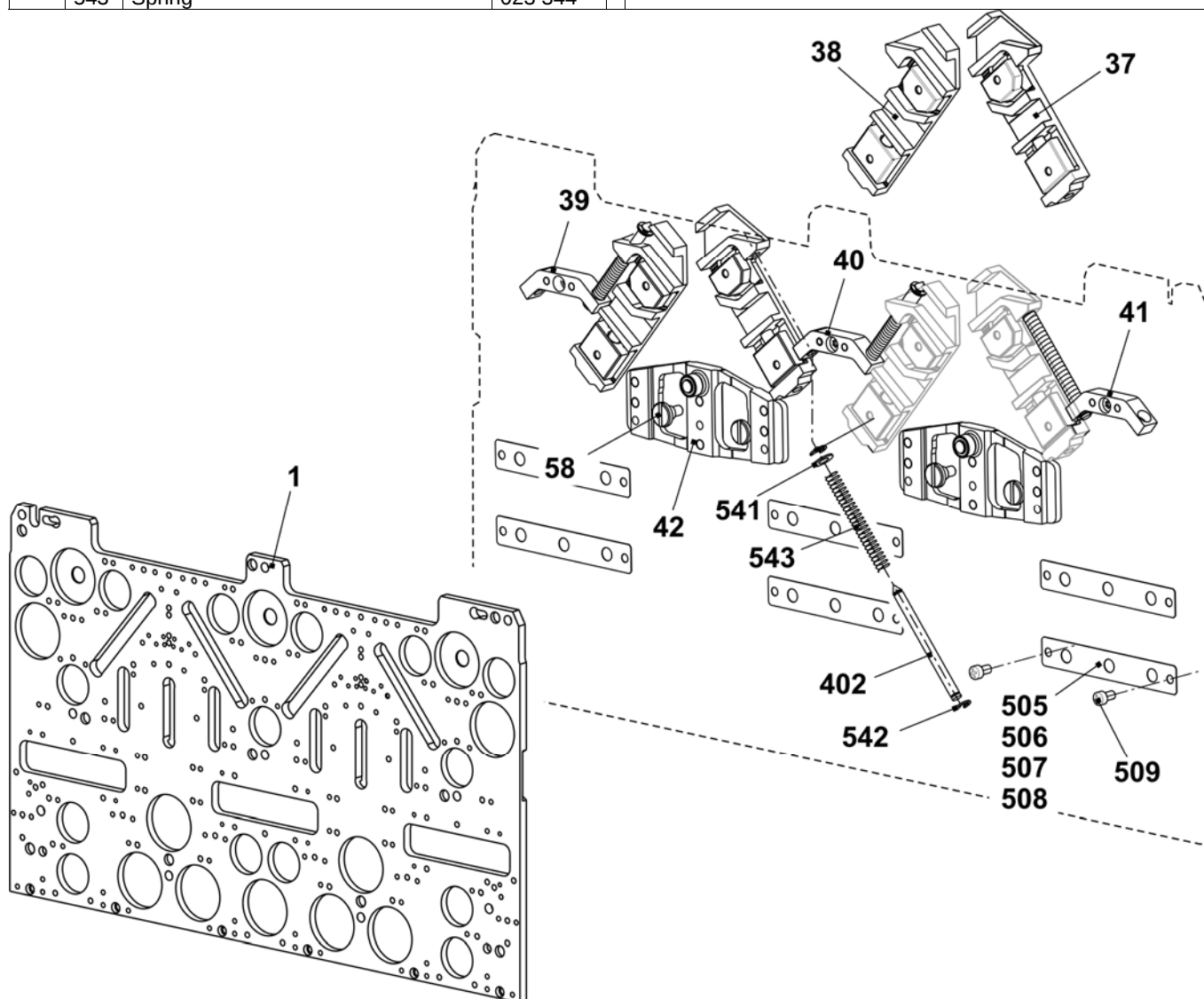
Cams E7 + E8 + E7m.8 + E8m.7

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	213 304	23	Selector cam	212 946
3	Entry cam on the right	213 303	24	Pressure part take-over on the left	239 848
4	Entry cam at the top	210 285	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom E5-8	212 395	26	Tuck pressure part	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	255 056
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 without split E7-8	255 055
16	Cam on the left	236 192		Raising cam with split E7-8	255 192
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			



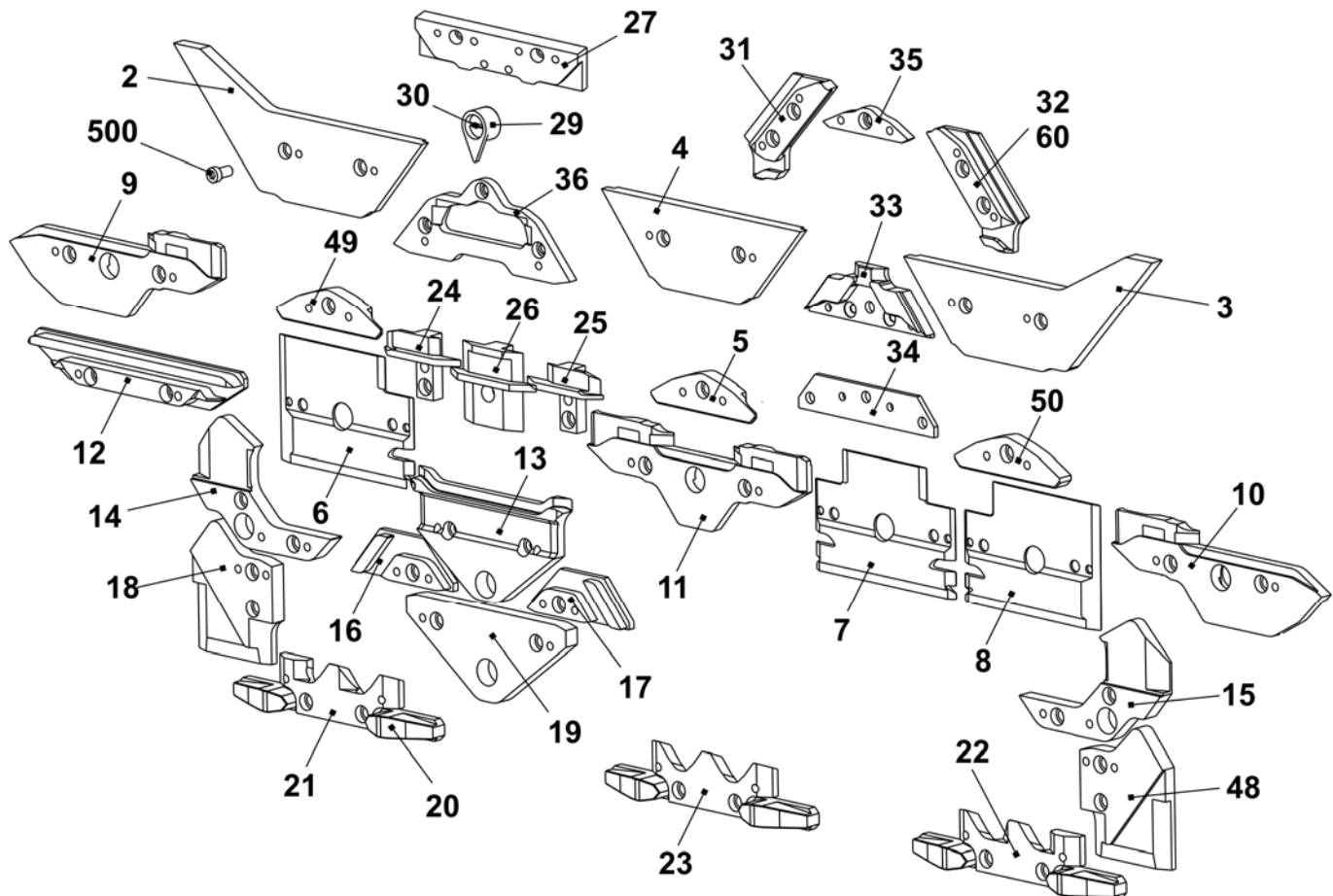
Cam box E10

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E10	243 134	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



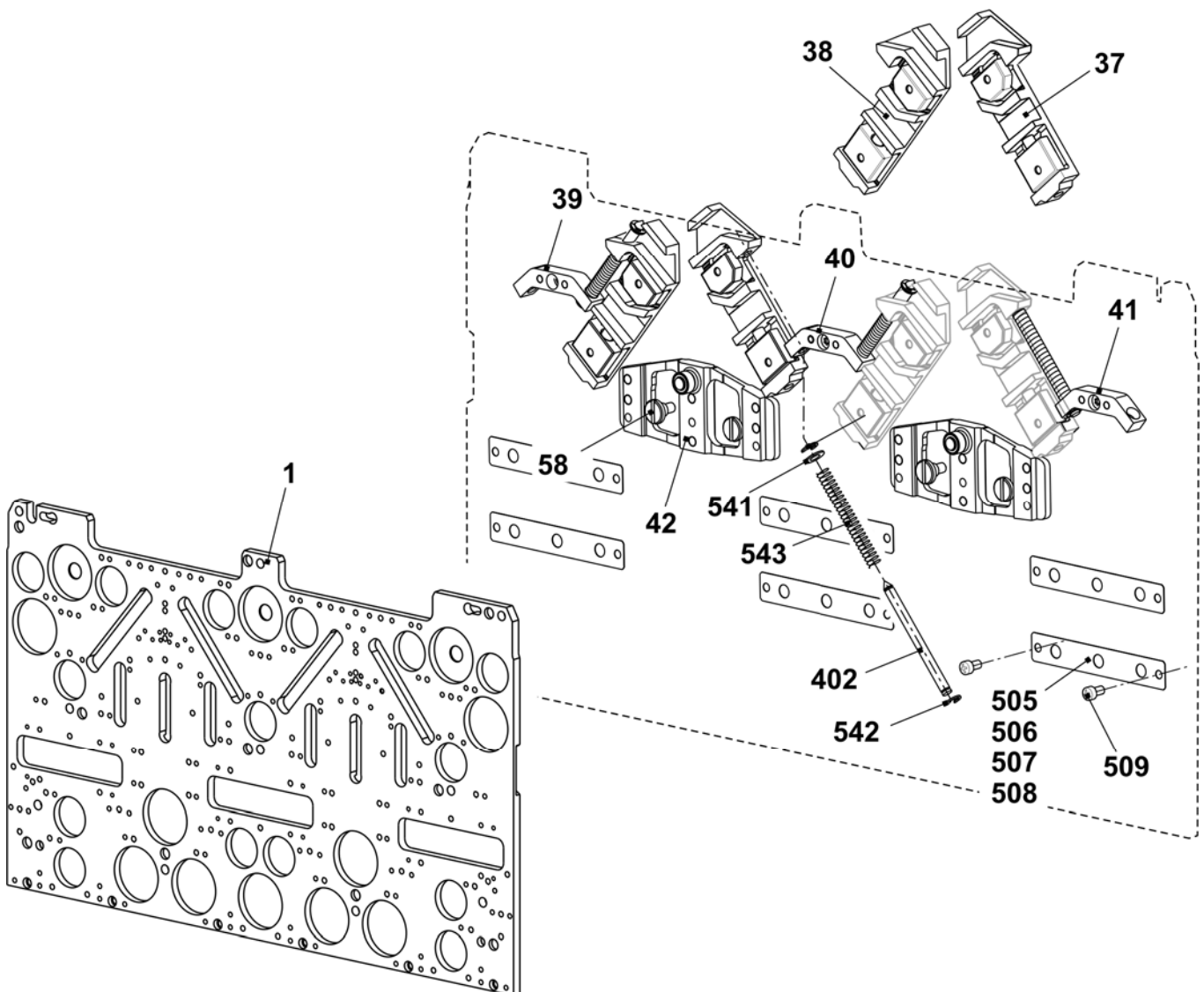
Cams E10

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam with 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 at the rear on the right E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



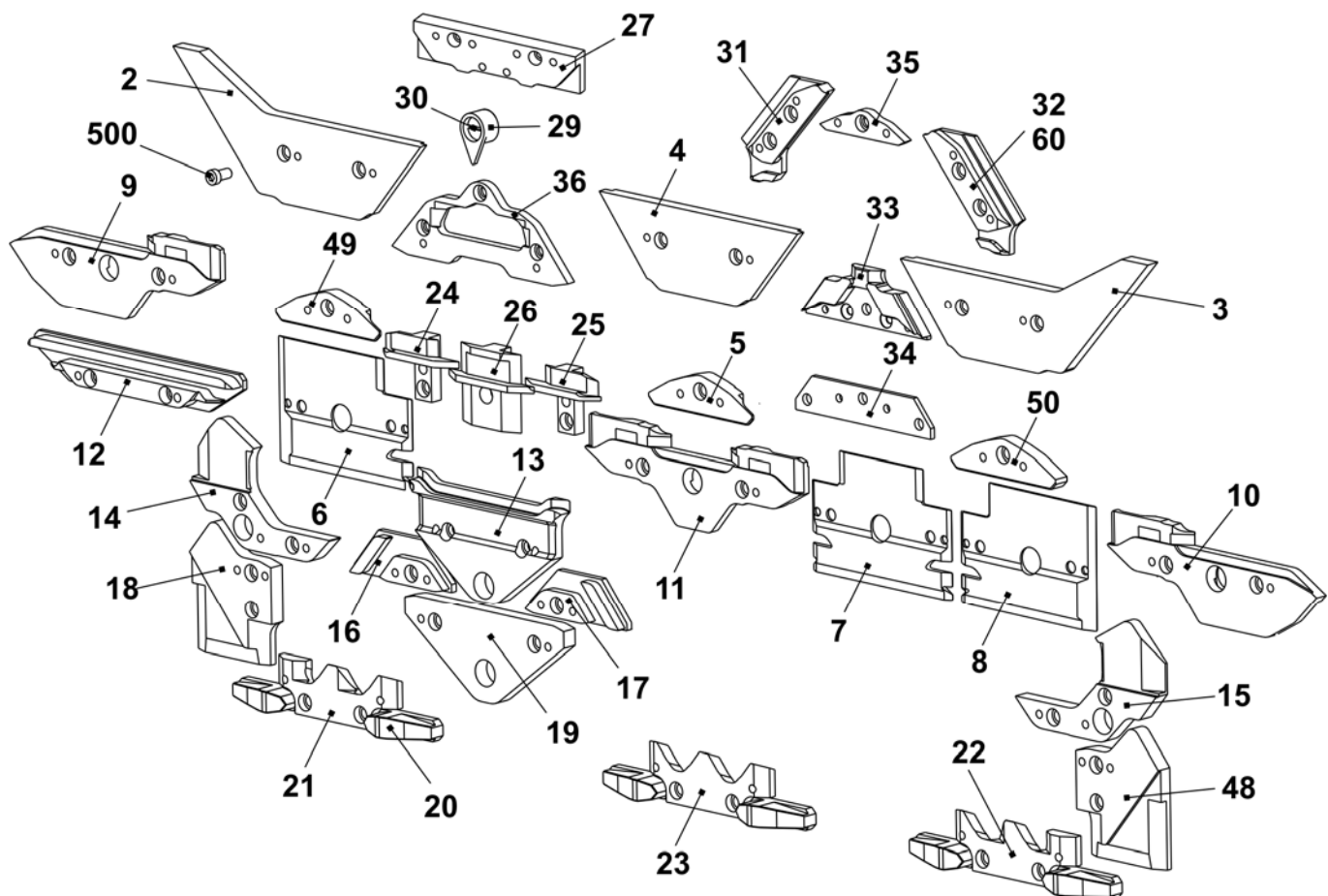
Cam box E12

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E12	243 135	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



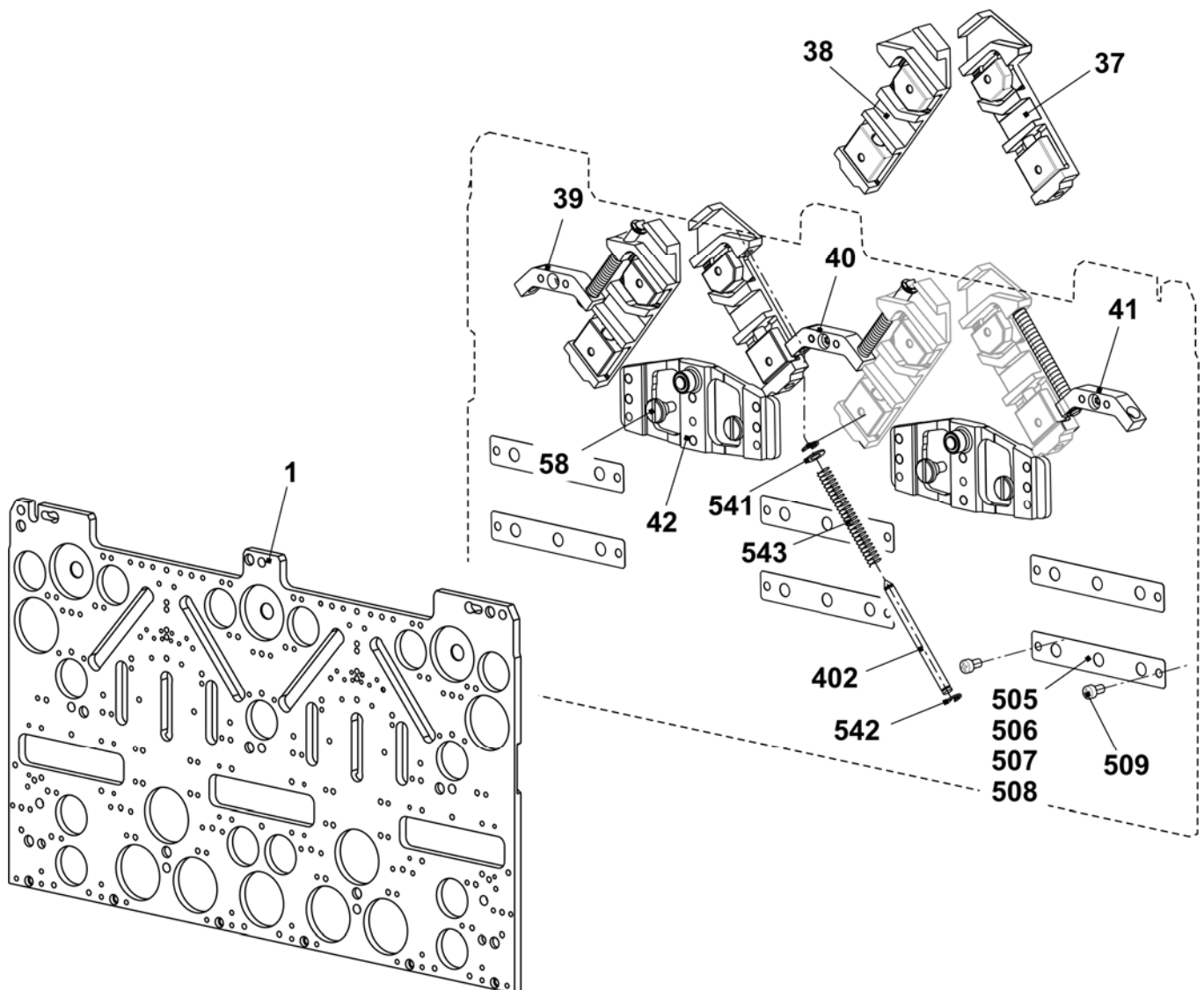
Cams E12

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam with split E10 – E12 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 at the rear on the right E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



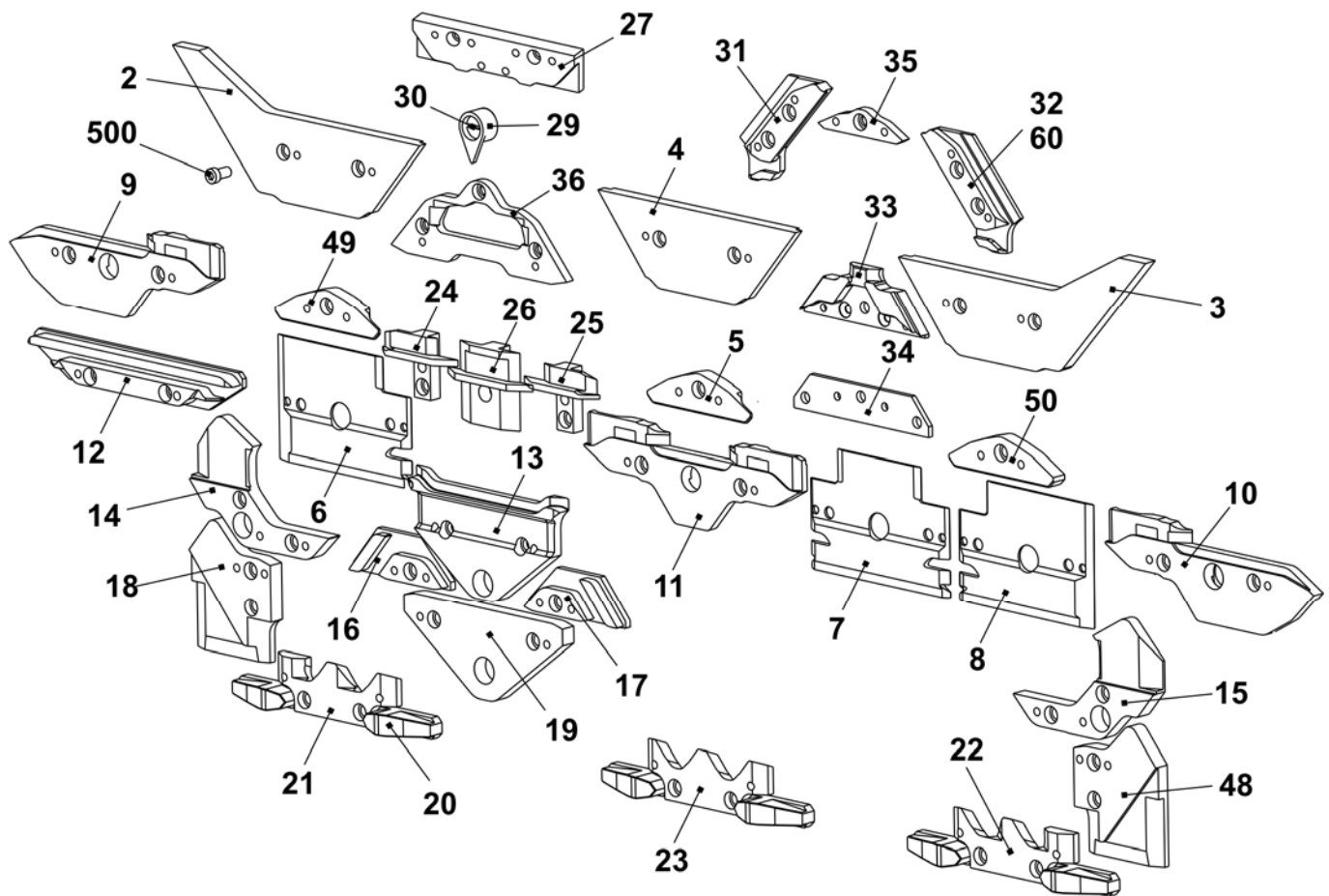
Cam box E14

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E14	241 788	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



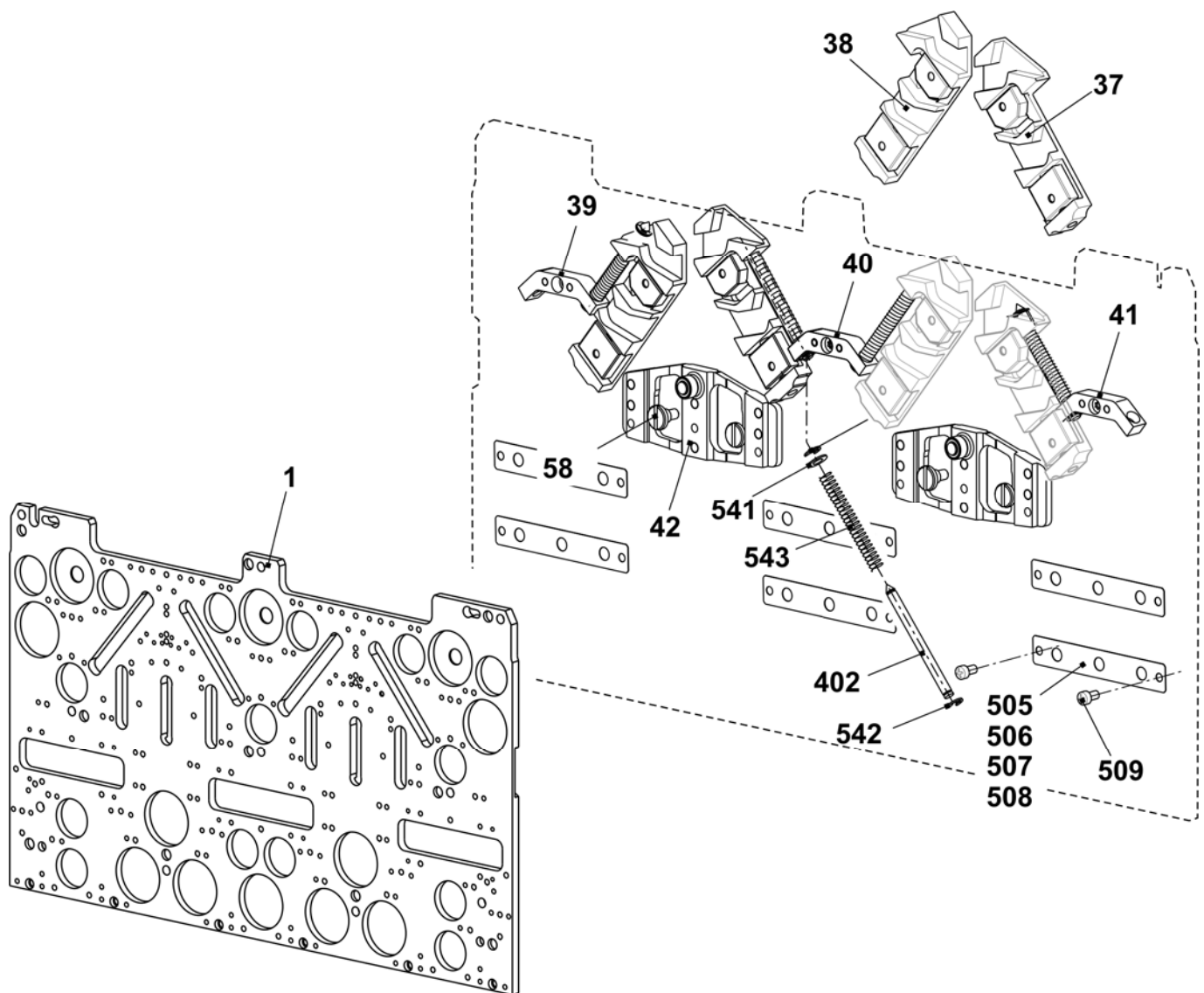
Cams E14

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E14	236 767
15	Cam on the right E5-14	212 266		Raising cam with 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			



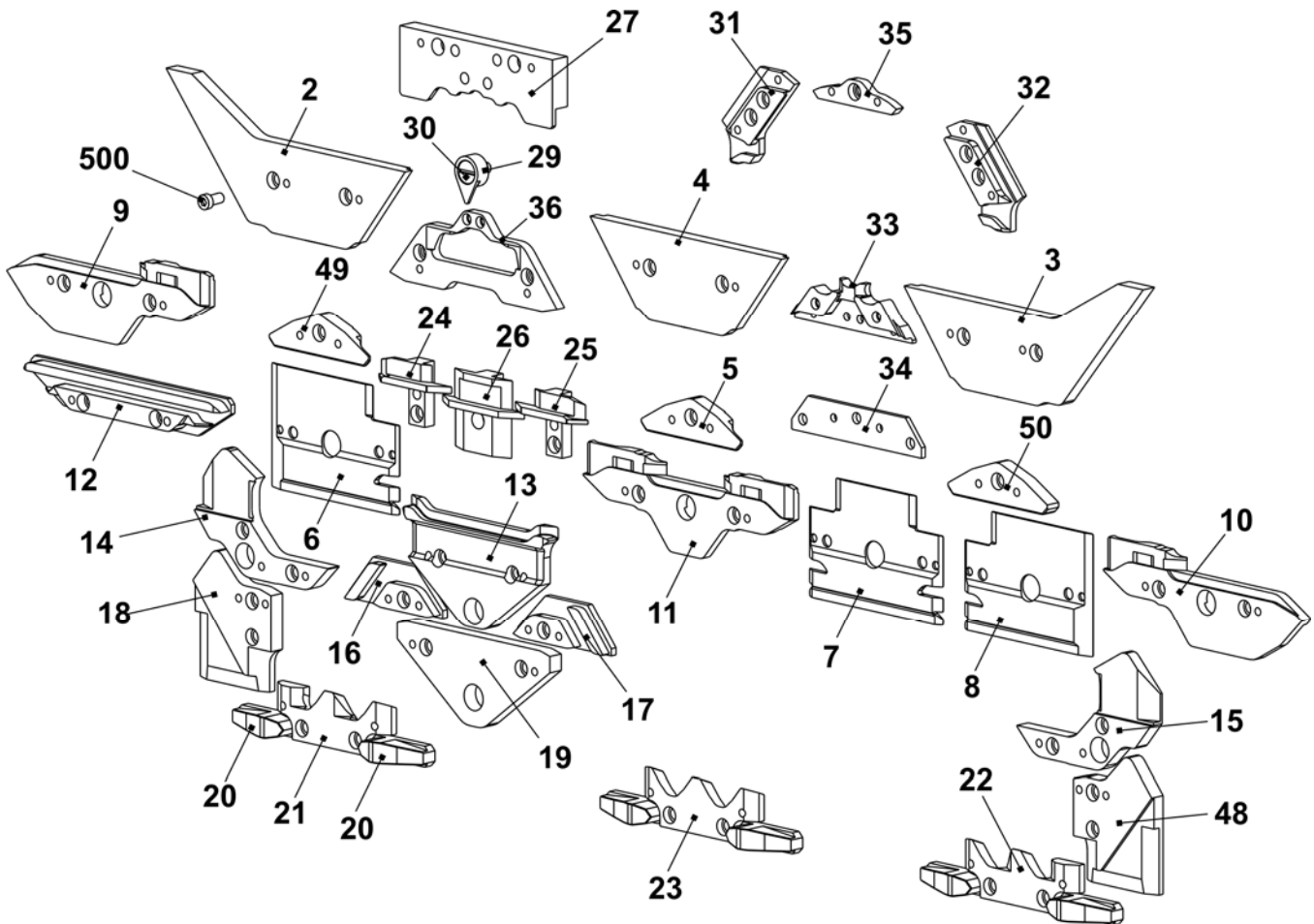
Cam box E16 + E18

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E16 - E20	241 789	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



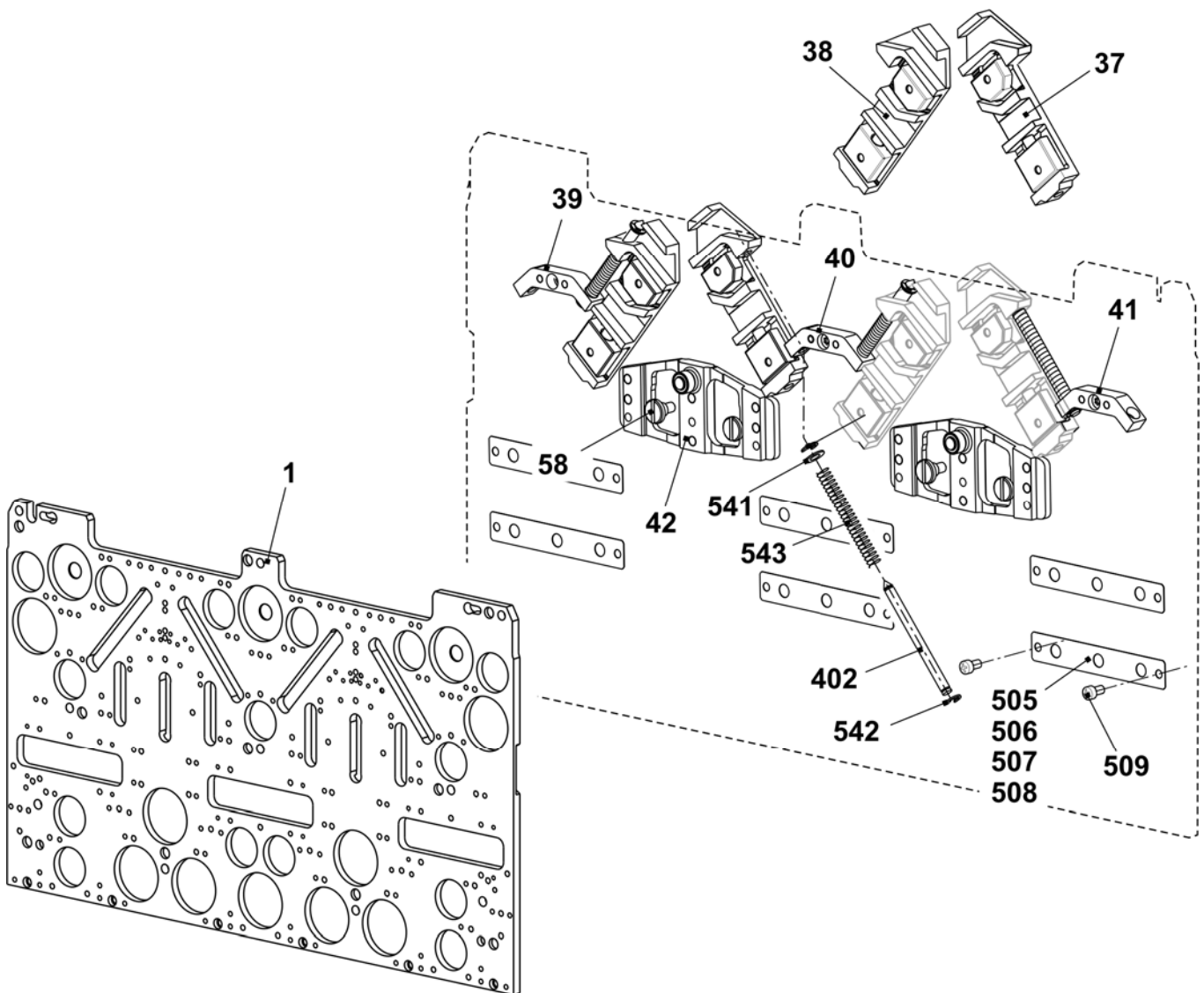
Cams E16 + E18

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	253 630
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom E16 - E20	220 842	26	Tuck pressure part	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	224 382
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 without split E16 - E18 + E9.2	239 457
15	Cam on the right E5-14	212 266		Raising cam with split E16 - E18 + E9.2 (Accessories)	239 742
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 E16 - E20	220 841
18	Cam on the left E5-14	212 274	50	Entry cam on the right E16 - E20	220 843
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185			
21	Selector cam on the left	253 629			
22	Selector cam on the right	253 631			



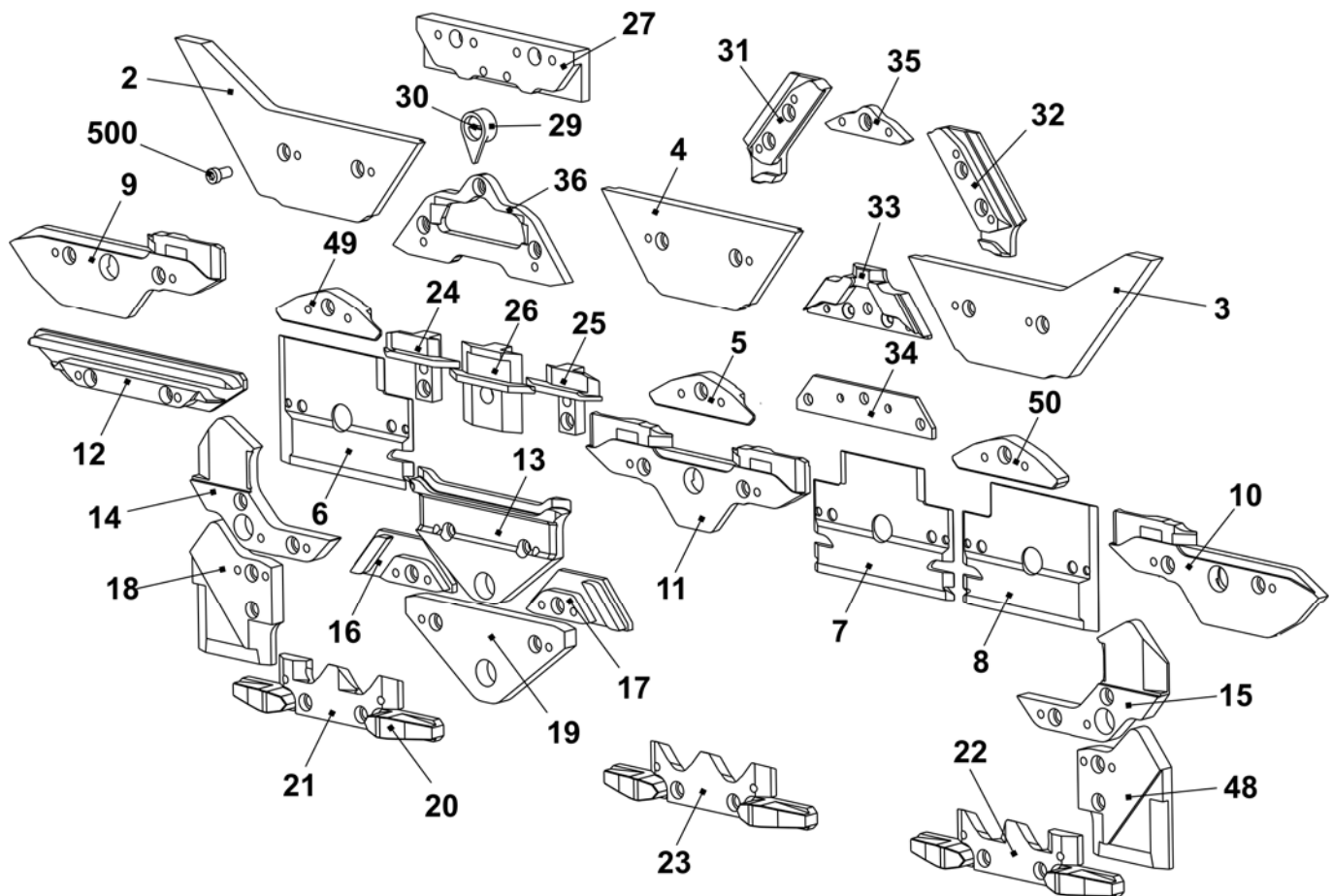
Cam box E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E6.2	243 129	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



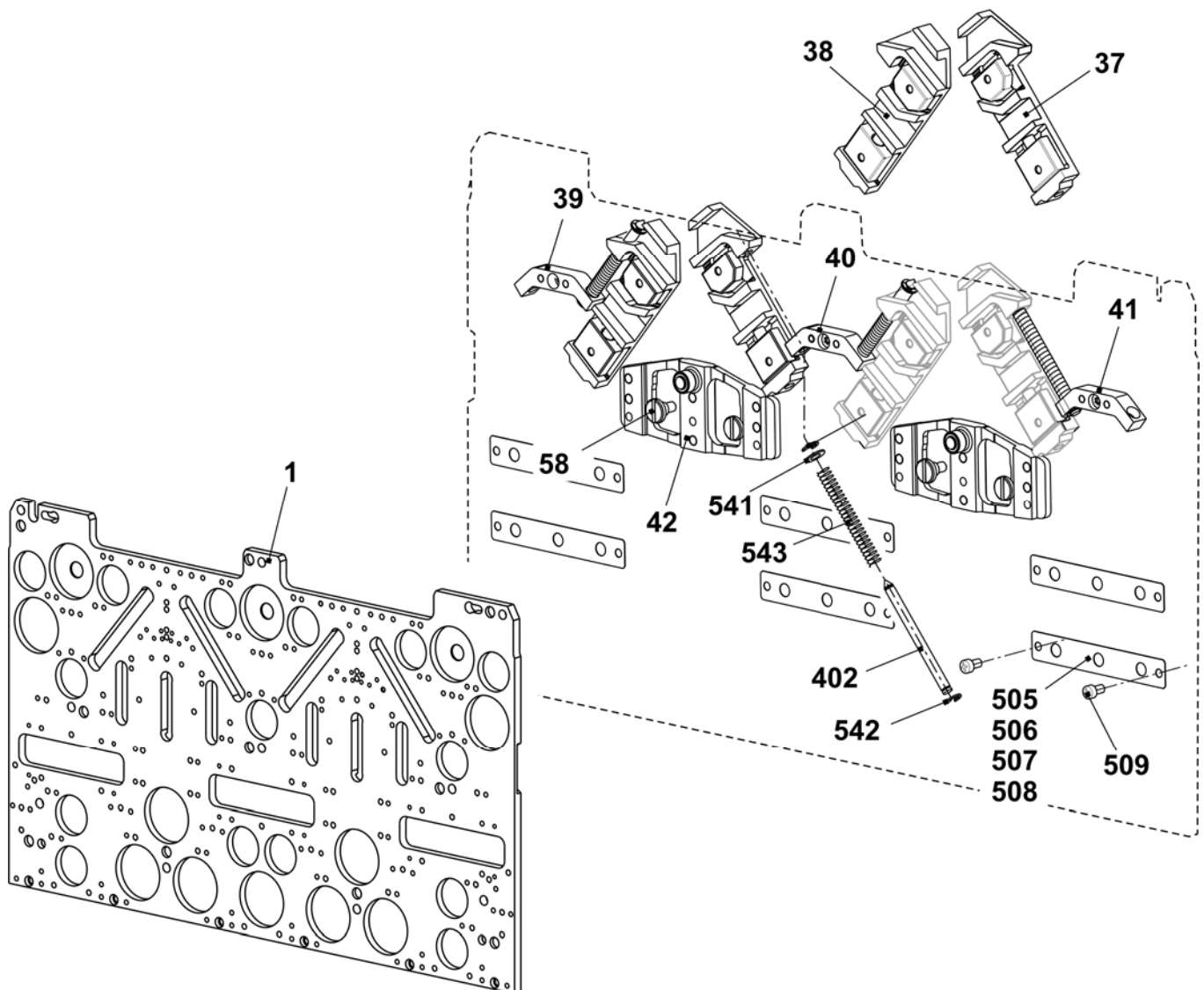
Cams E6.2

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 with 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			



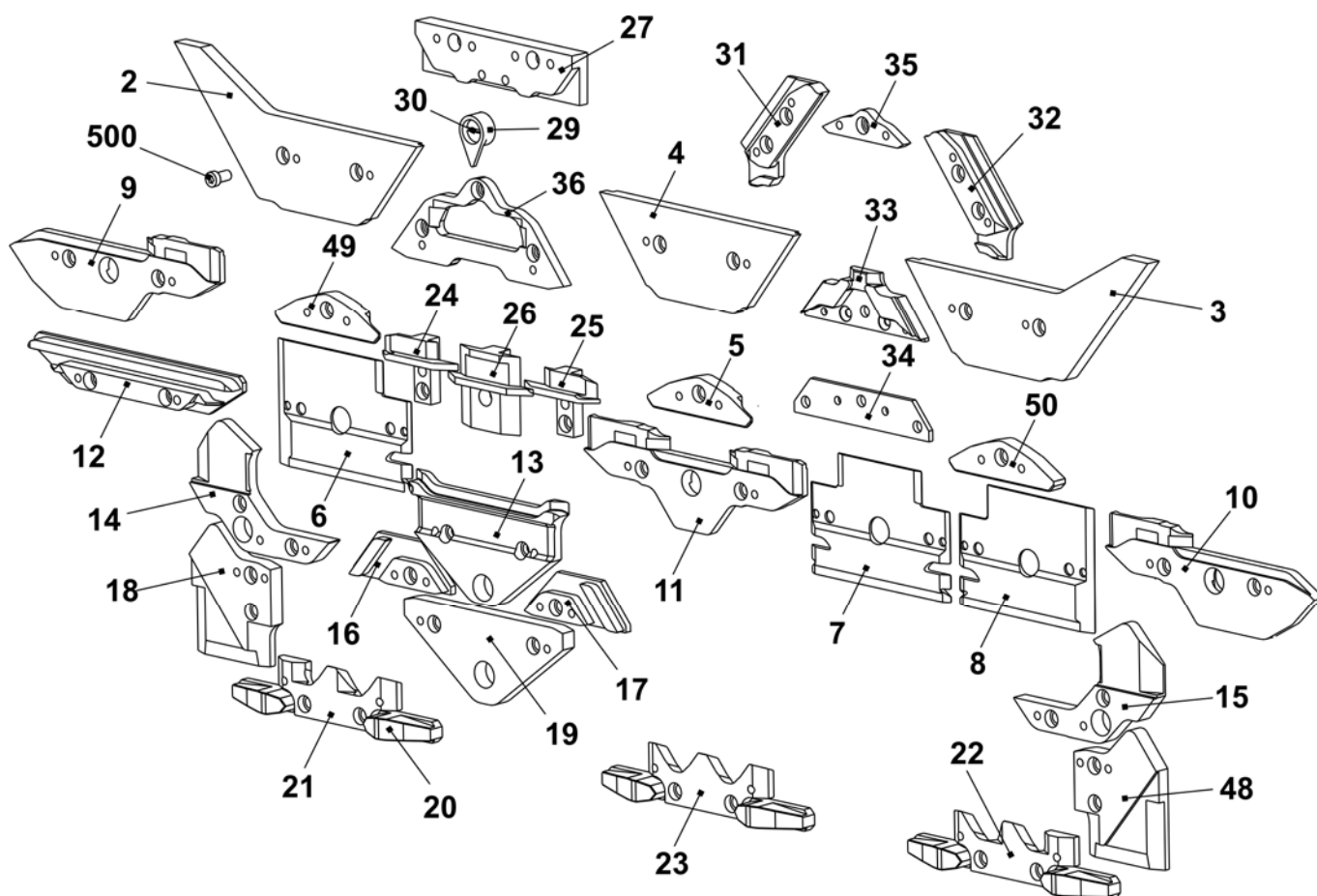
Cam box E7.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E7.2	242 469	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



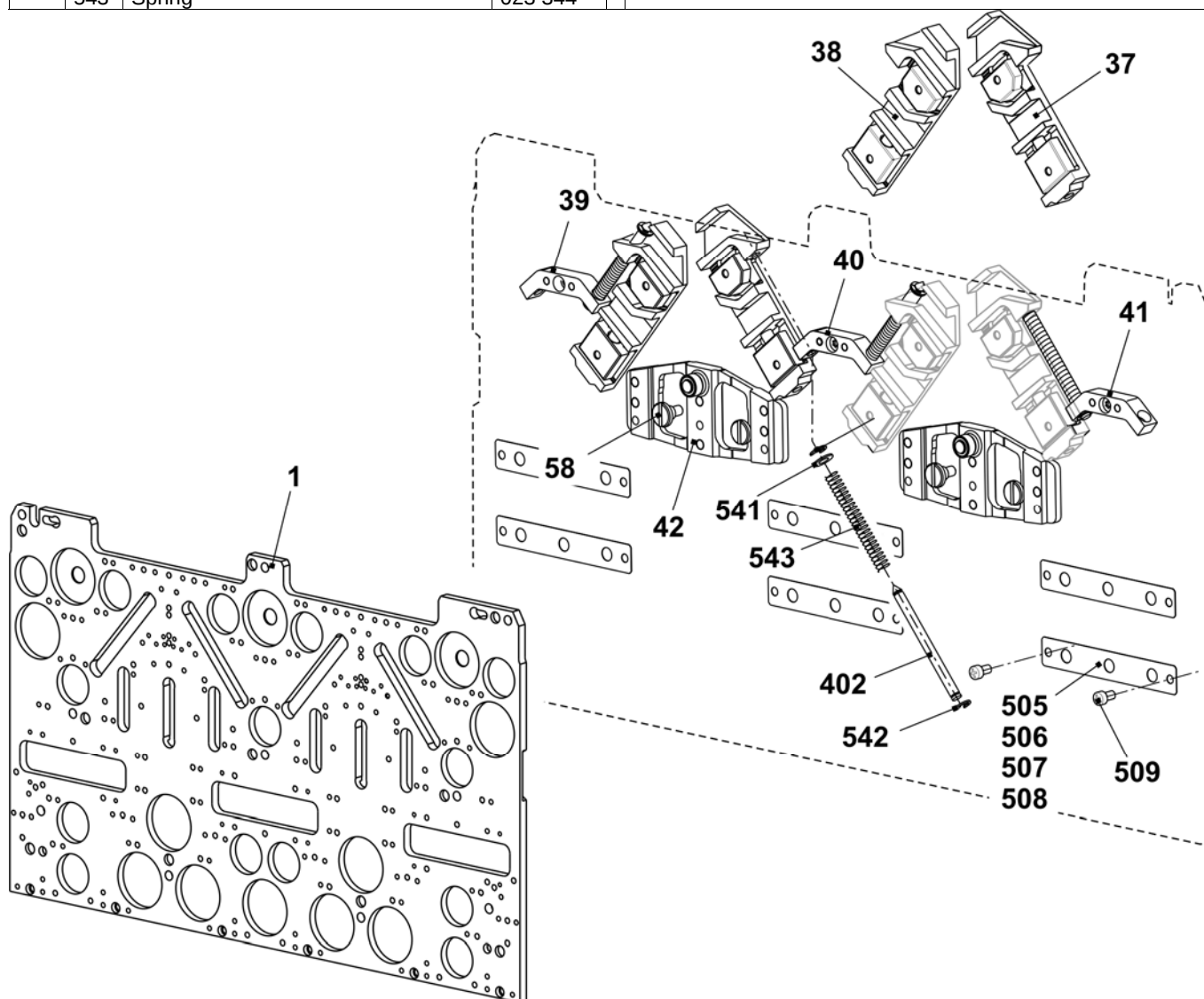
Cams E7.2

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam with split E10 – E12 + E7.2	213 300
16	Cam on the left	236 192		Accessory	y
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			



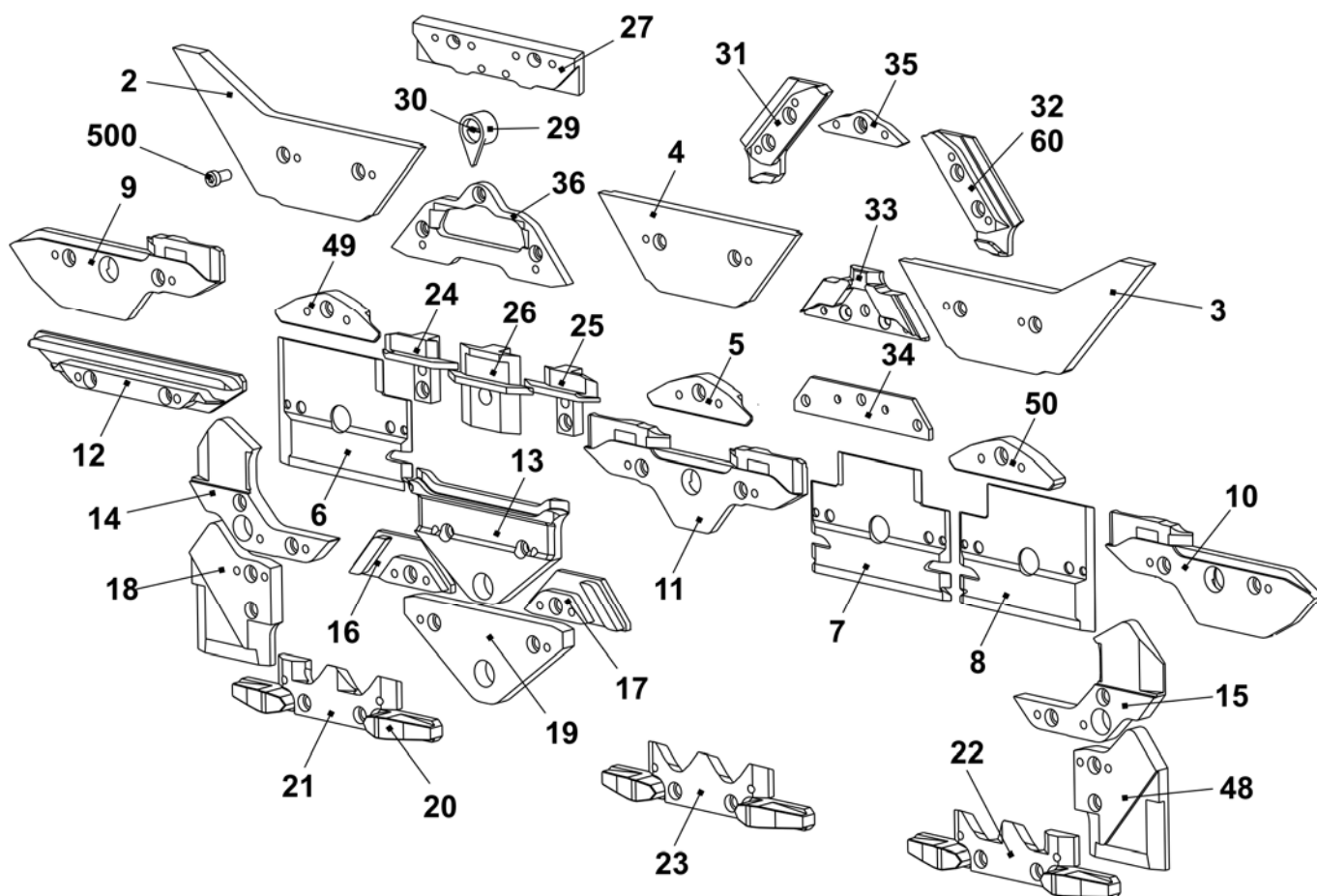
Cam box E10m.12

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E10m.12	243 136	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			



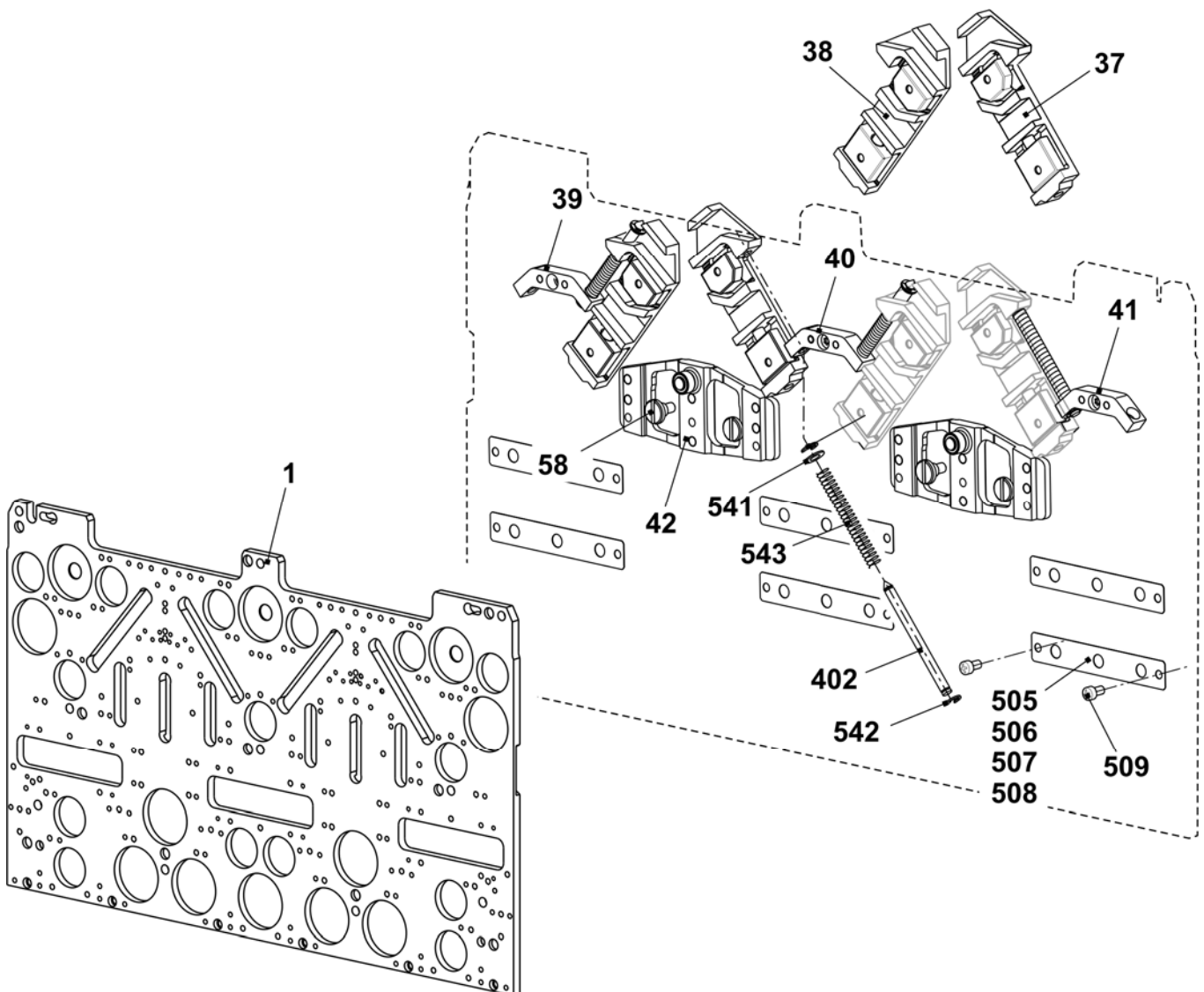
Cams E10m.12

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam with 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 at the rear on the right E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



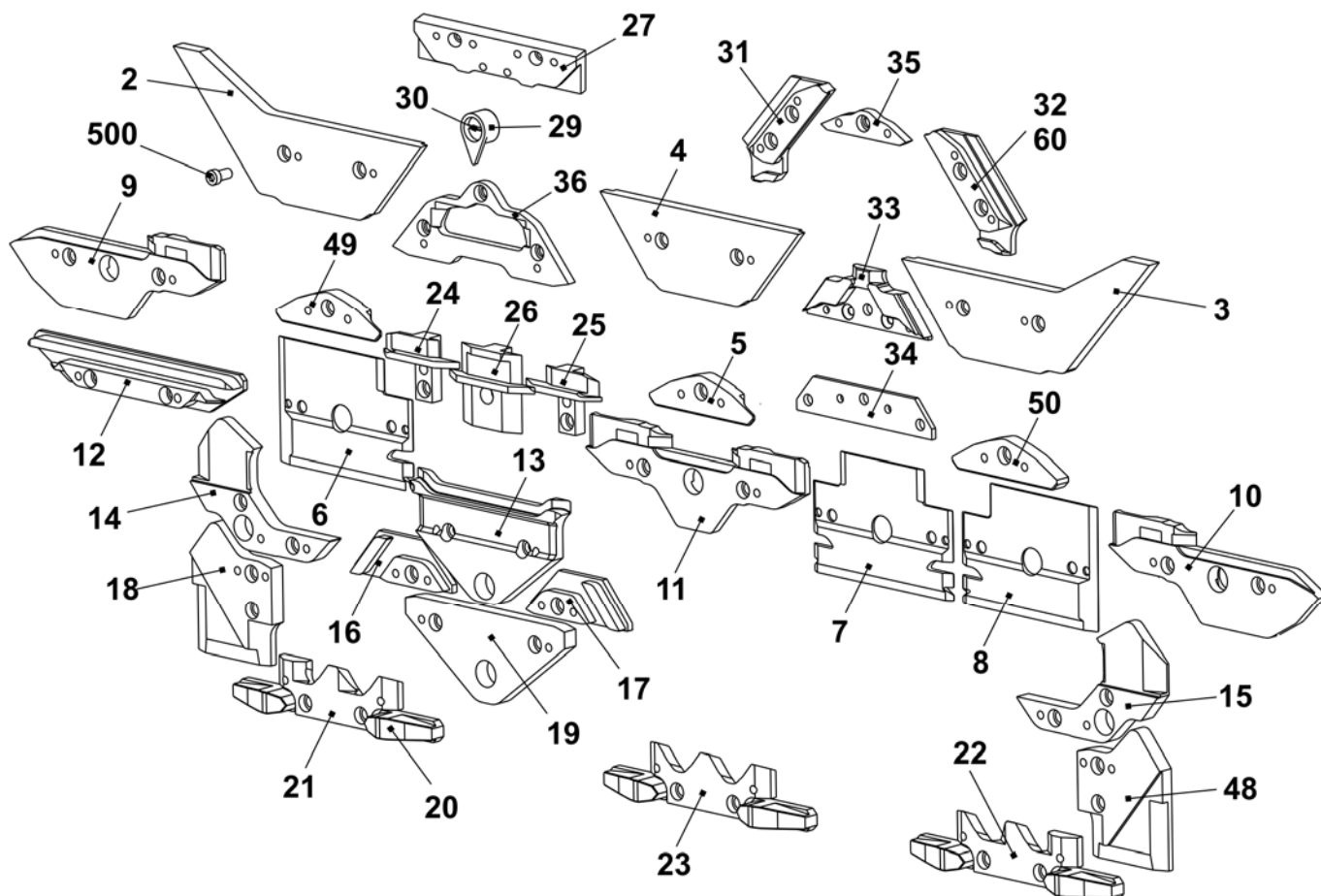
Cam box E12m.10

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E12m.10	243 137	42	Switching 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 guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the 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			

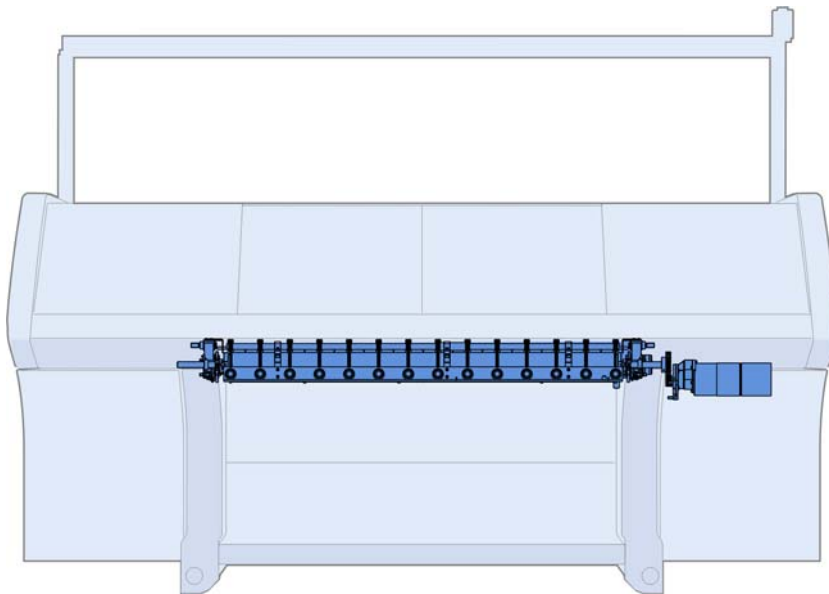


Cams E6.2 (12m.10)

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10 - E14	216 328	26	Tuck pressure part	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 without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam with 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 at the rear on the right E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			

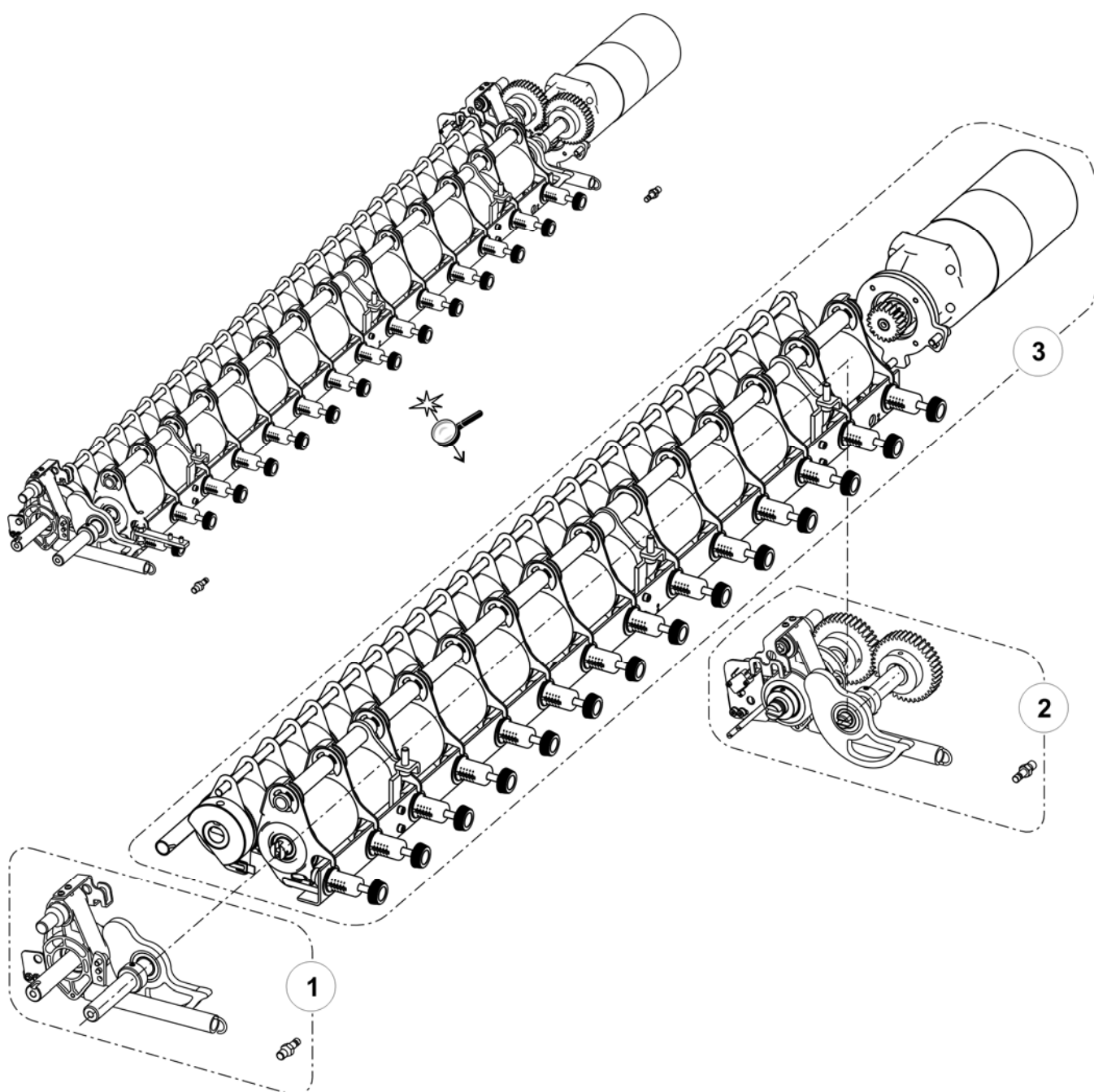


Main take-down



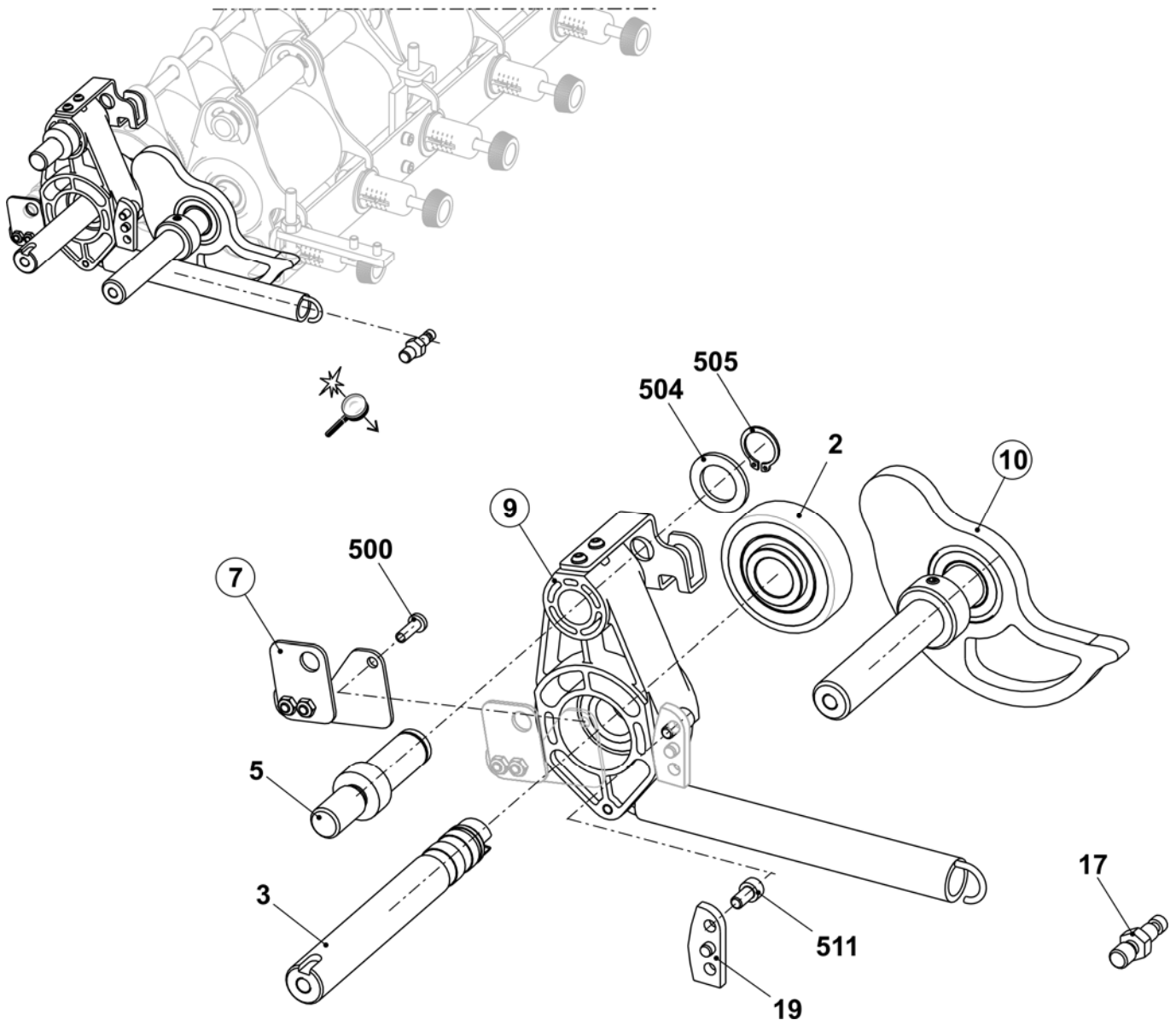
Main take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down				
1	Main take-down left	253 851	3	Main take-down in the middle E5 + E7 + E8 + E10 + E12 + E14 + E5m.4 + E7m.5 + 7m.8 + E8m.7 + E10m.12 + E6.2(12m.10) + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E7.2 + E14/12	253 525
2	Main take-down right	253 852		Main take-down in the middle E16 + E18 + E8.2 + E9.2	253 593



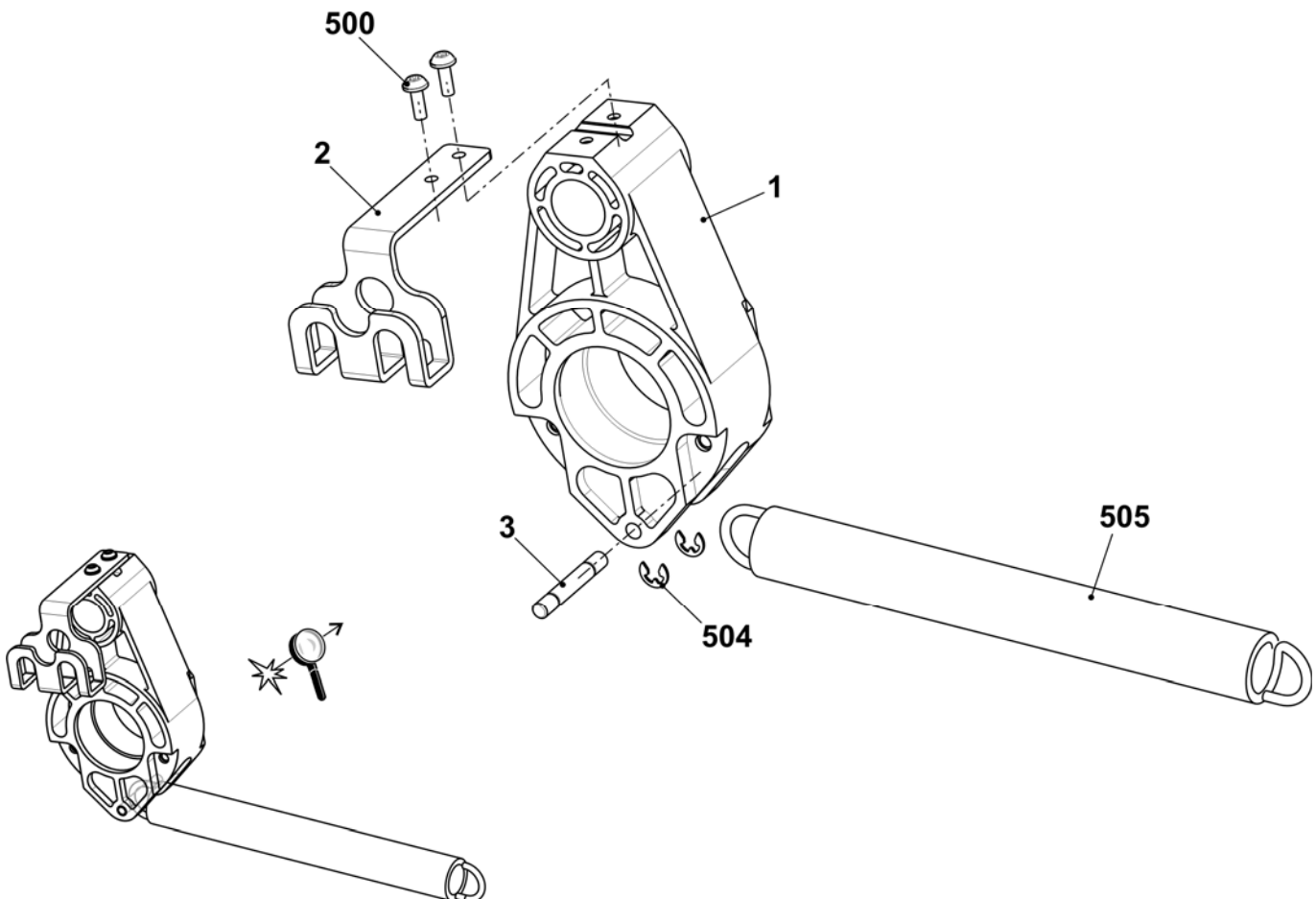
Main take-down left

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down left	253 851			
2	Bearing race complete	244 459	17	Spring bolt	221 143
3	Shaft on the left at the rear	221 012	19	Stop point	252 503
5	Bolt	208 538	500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725	504	U-washer 18	023 295
9	Swivel-mounted bearing	251 761	505	Locking ring 18x1.2	020 955
10	Floating axle on the left	251 984	511	Cap screw M6x12	020 134



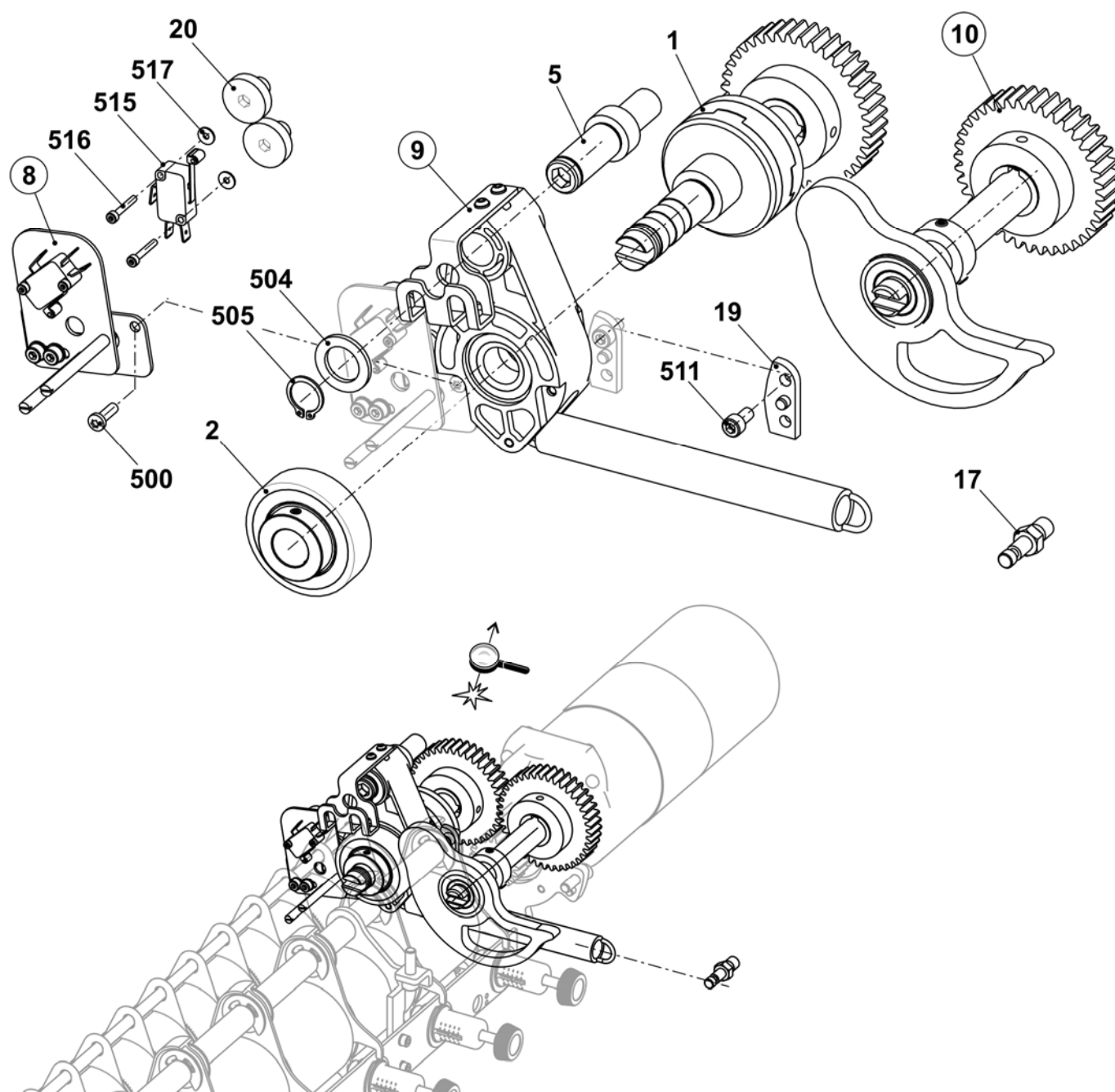
Swivel-mounted bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel-mounted bearing	251 761			
1	Swivel-mounted bearing	241 996	500	Screw M35x10	251 729
2	Sheet metal support	251 749	504	Circlip 4	021 020
3	Axle	251 758	505	Tension spring 21x3.0x192	240 217



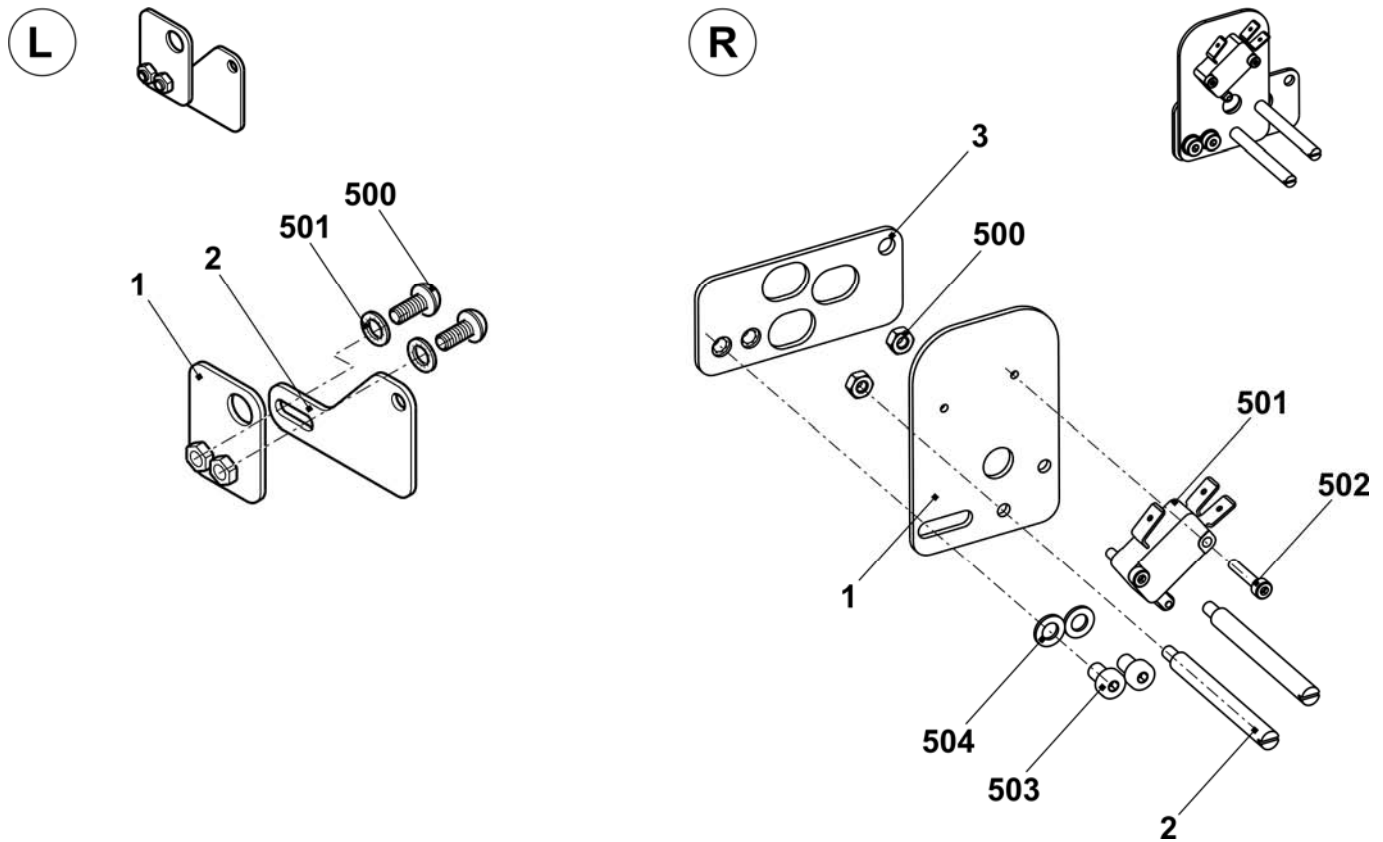
Main take-down right

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down right	253 852			
1	Clutch set	251 677	20	Threaded bushing	222 522
2	Bearing race complete	244 459	500	Screw 50x15	251 728
5	Bolt	208 538	504	U-washer 18	023 295
8	Mounting plate on the right complete	240 069	505	Locking ring 18x1.2	020 955
9	Swivel-mounted bearing	251 761	511	Cap screw M6x12	020 134
10	Floating axle on the right	251 985	515	Microswitch Xgk2-S21 250	210 510
17	Spring bolt	221 143	516	Cap screw M3x20	023 221
19	Stop point	252 503	517	U-washer 3	023 657



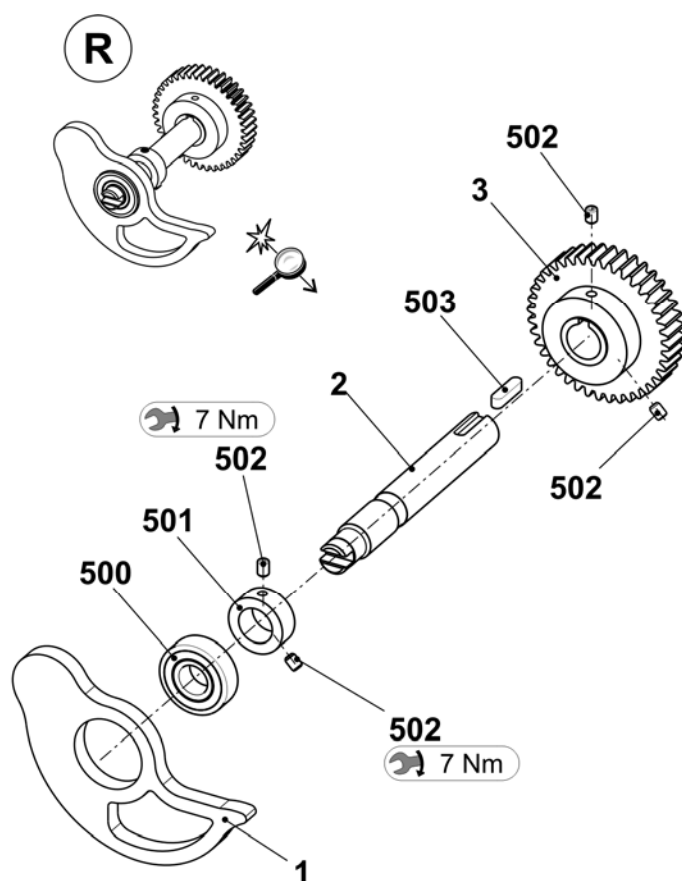
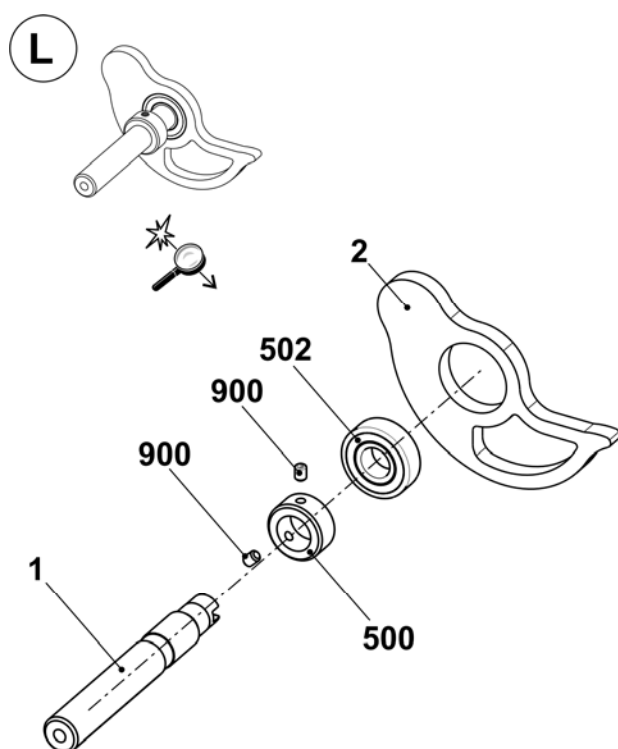
Mounting plate

Pos	Designation	ID	Pos	Designation	ID
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	U-washer 5-200	020 871



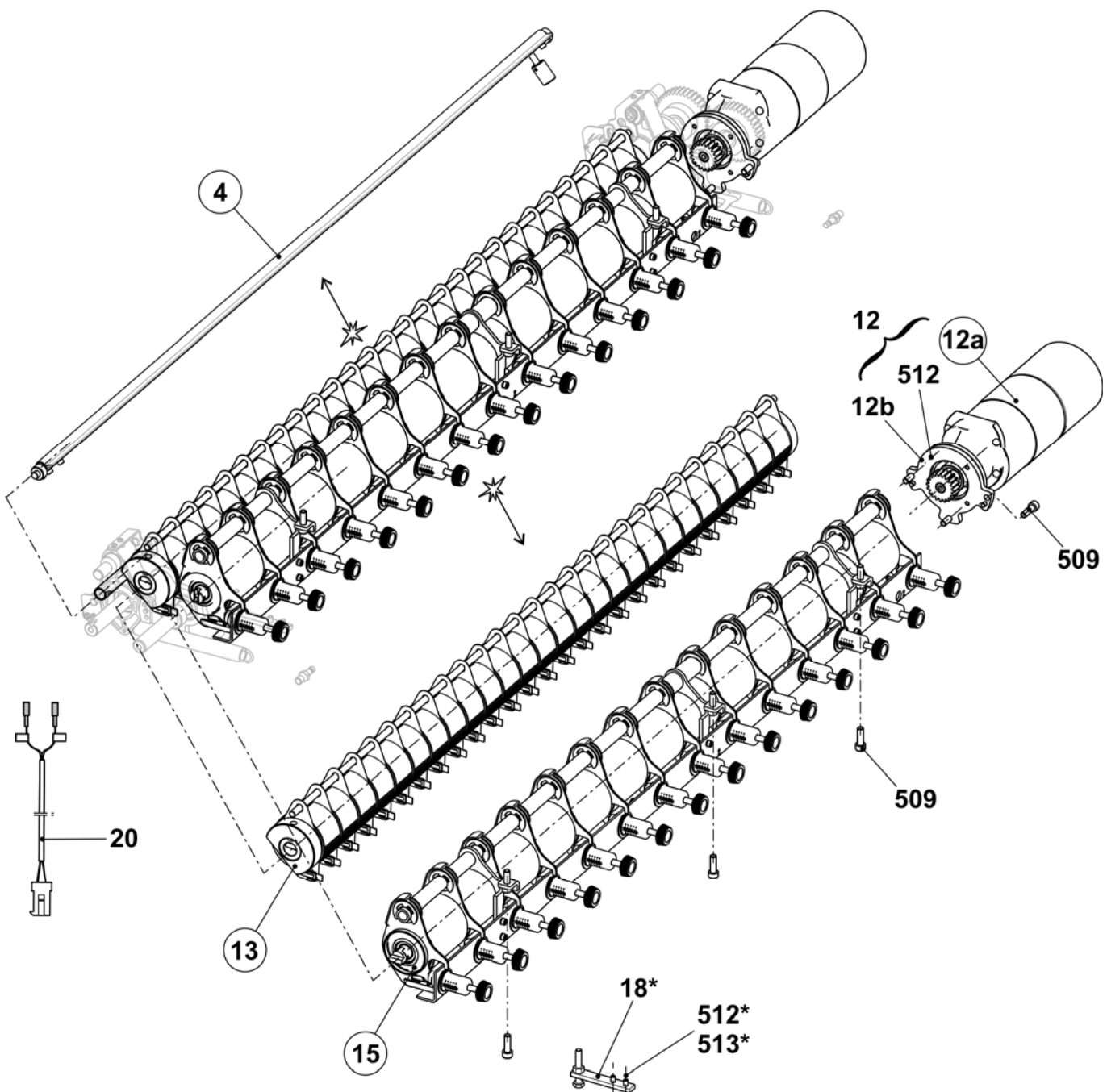
Floating axle

Pos	Designation	ID	Pos	Designation	ID
Σ L	Floating axle on the left	251 984	Σ R	Floating axle on the right	251 985
1	Shaft on the left at the front	221 013	1	Eccentric	251 959
2	Eccentric	251 959	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



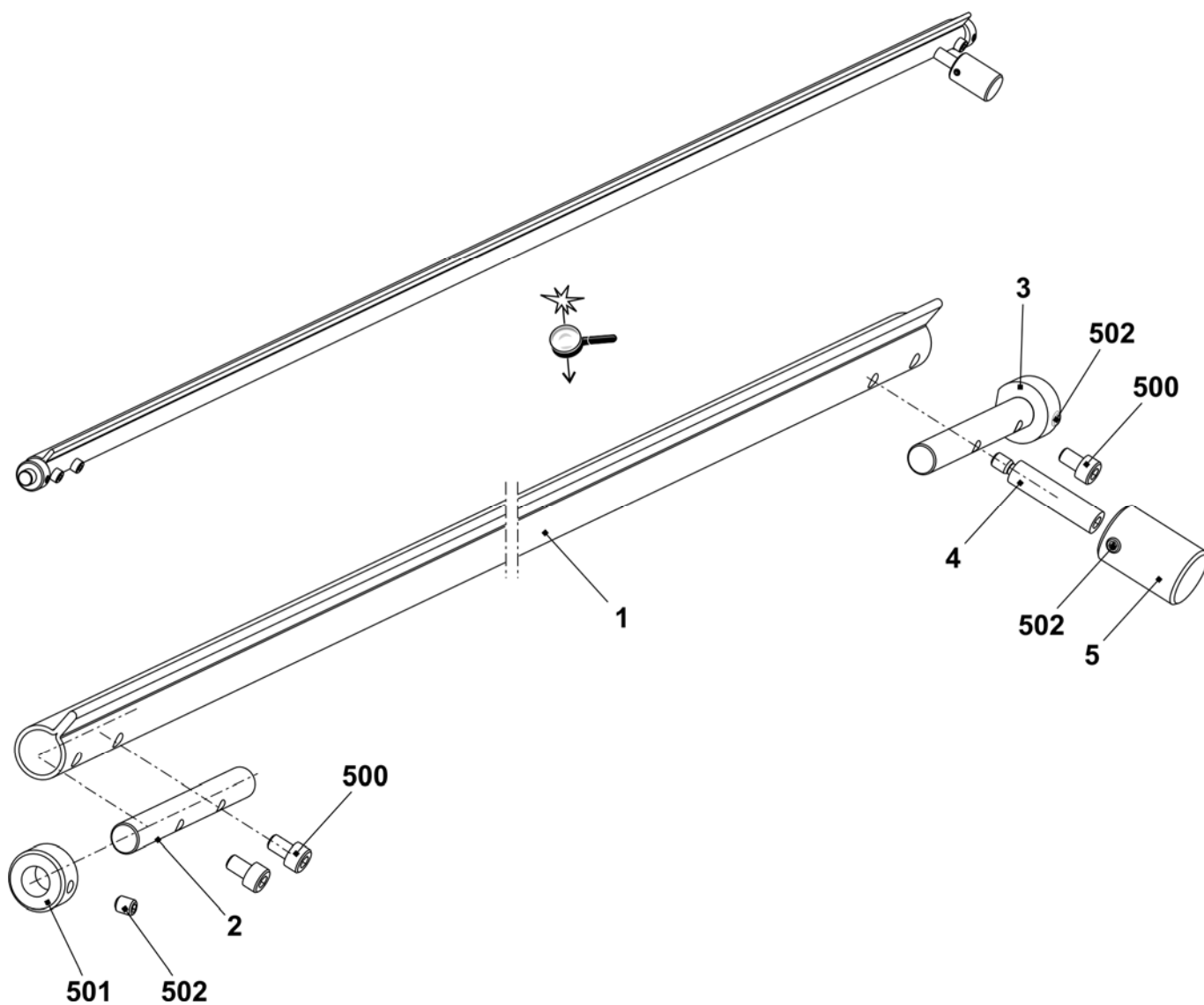
Main take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down in the middle		13	Take-down roller at the rear complete	
	E5 + E7 + E8 + E10 + E12 + E14 +	253 525		E5 + E7 + E8 + E10 + E12 + E14 + E5m.4	253 853
	E5m.4 + E7m.5 + 7m.8 + E8m.7 +			+ E7m.5 + 7m.8 + E8m.7 + E10m.12 +	
	E10m.12 + E6.2(12m.10) + E2,5.2 +			E6.2(12m.10) + E2,5.2 + E3,5.2 + E5.2 +	
	E3,5.2 + E5.2 + E6.2 + E7.2 + E14/12			E6.2 + E7.2 + E14/12	
	E16 + E18 + E8.2 + E9.2	253 593		E16 + E18 + E8.2 + E9.2	253 854
4	Stripper angle at the rear complete	240 125	15	Take-down roller at the front complete	241 426
12	Motor take-down unit complete	253 803	20	Connection cable winding plate	241 703
	12a Motor take-down unit + comb	214 279	509	Cap screw M8X25	020 142
	12b Flange	241 754	18*	Stop point	253 432
	512 Hexagon screw M6X16	020 356	512*	U-washer 6	020 881
			513*	Countersunk screw M6x16	023 124



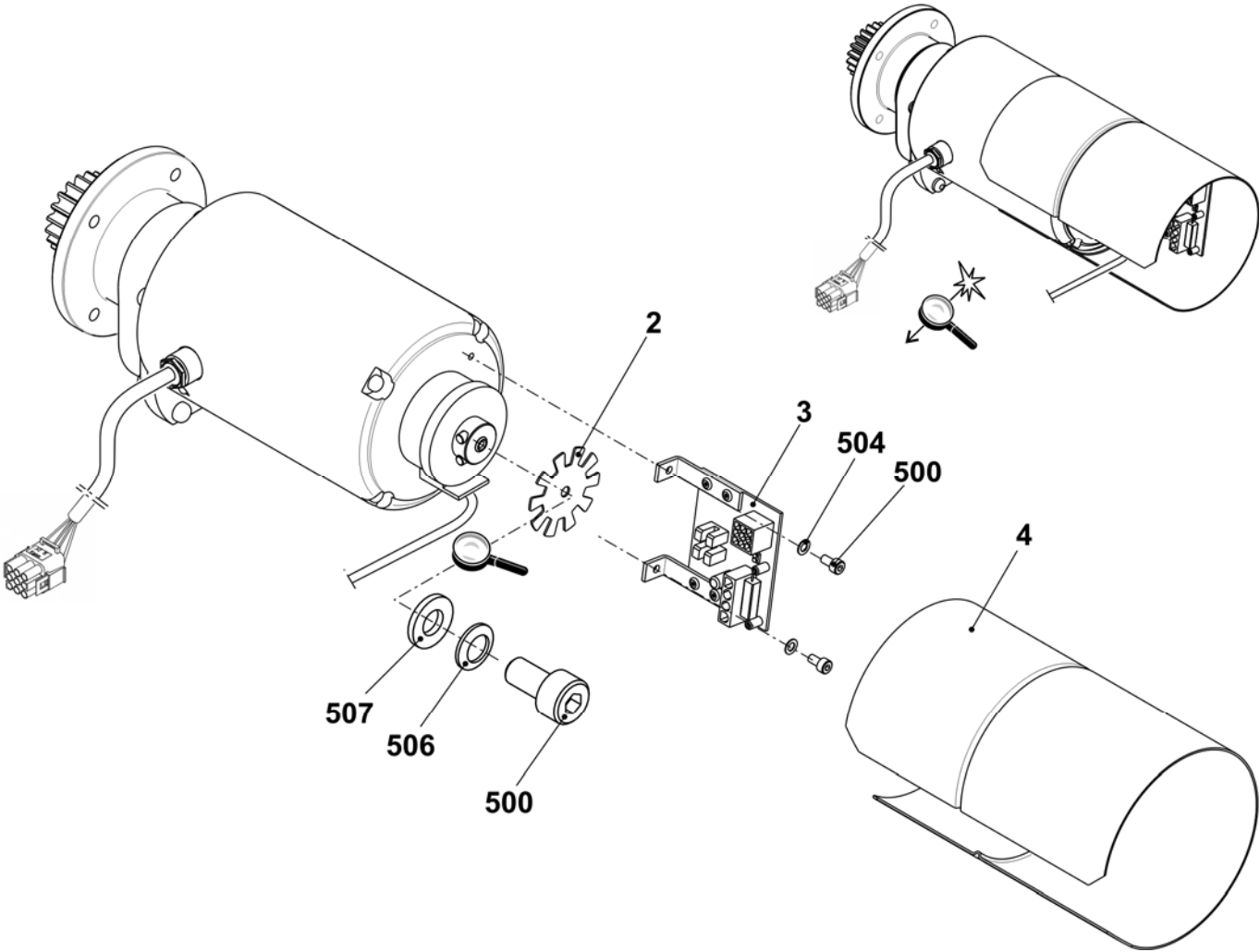
Stripper angle

Pos	Designation	ID	Pos	Designation	ID
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



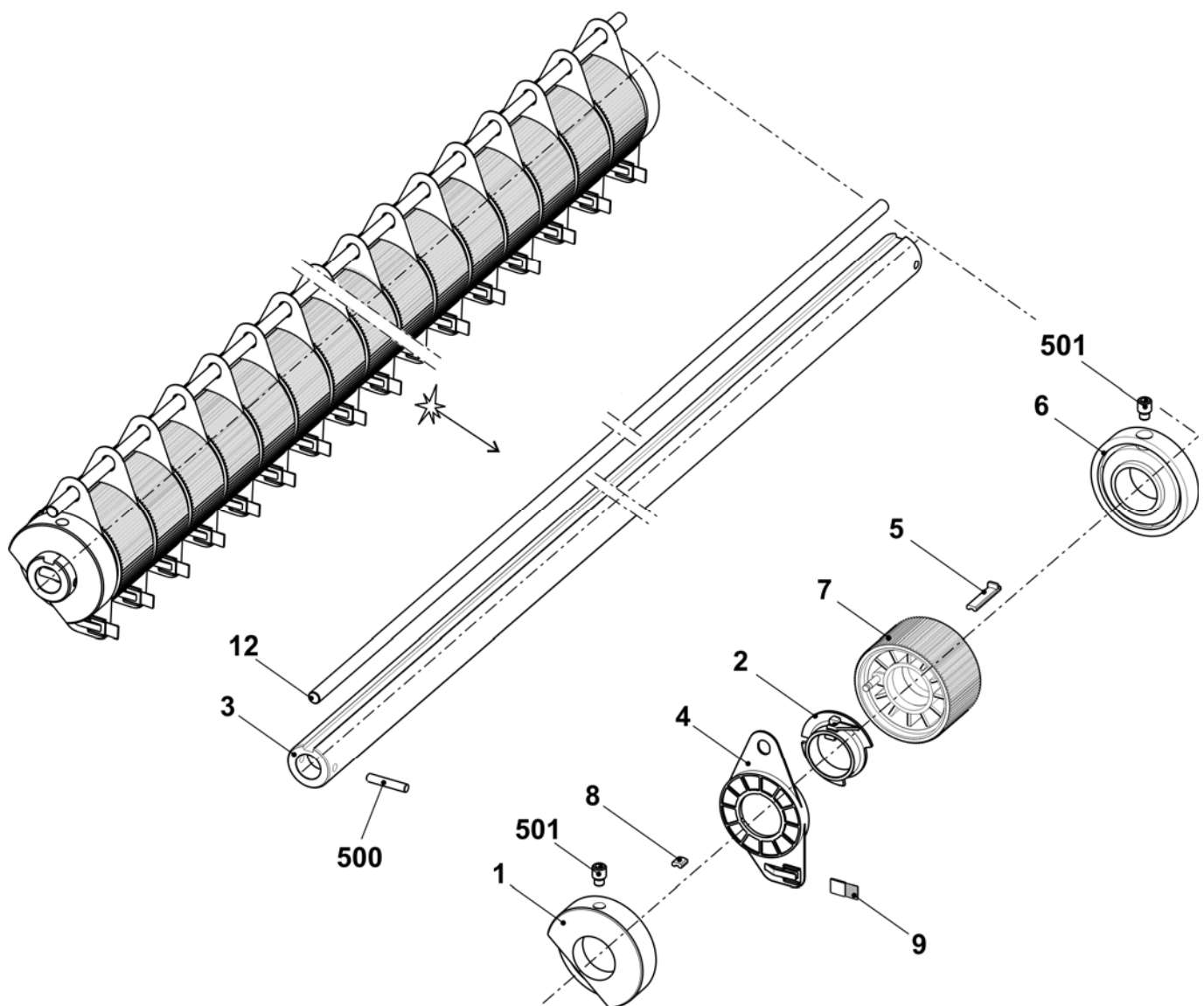
Impulse giver and motor

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor take-down unit + comb	214 279	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	U-washer 4-200	020 879
3	Photoelectric sensor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Shim ring 4x8x1	023 369



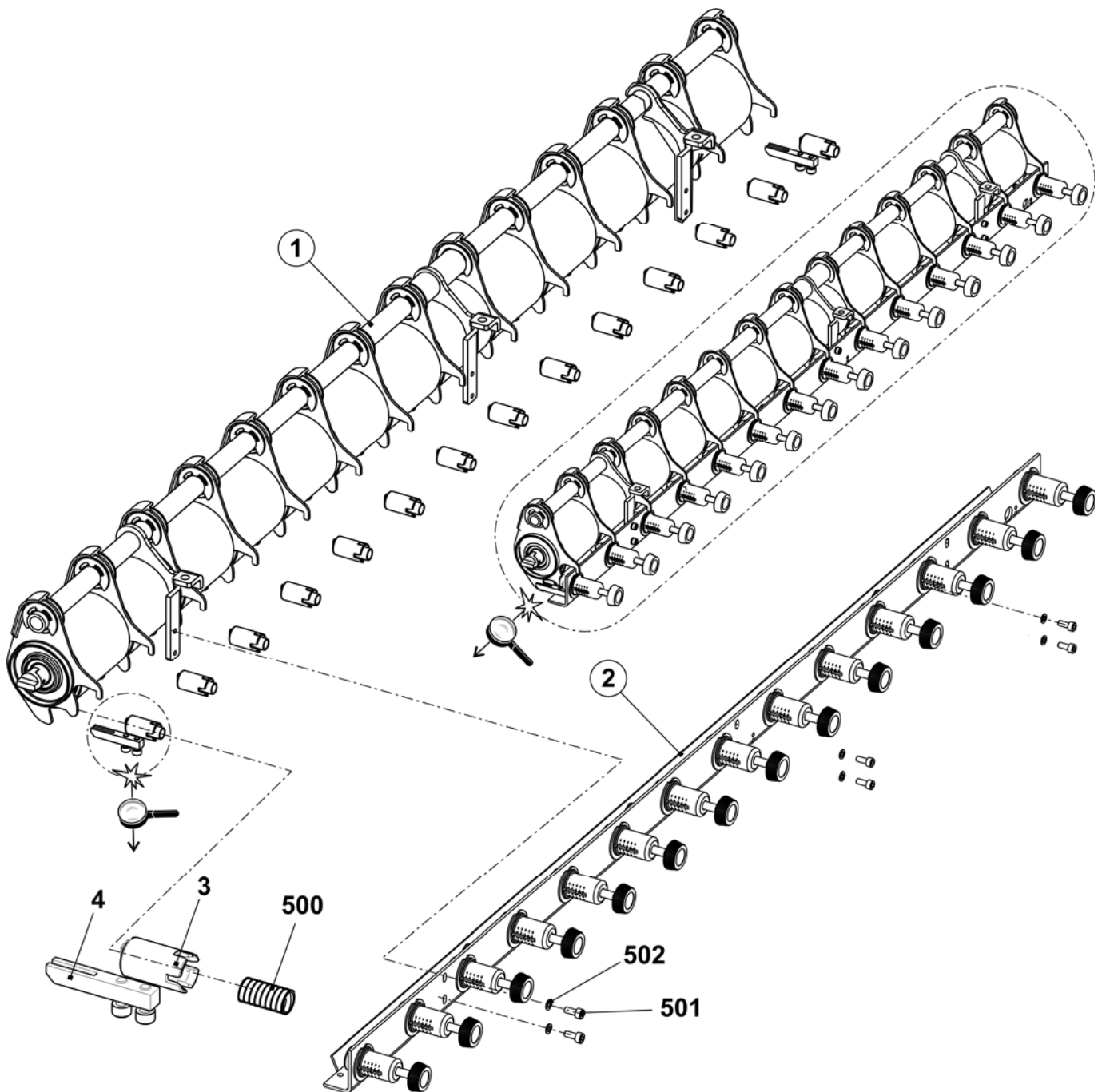
Rear take-down roller

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller at the rear complete				
	E5 + E7 + E8 + E10 + E12 + E14 + E5m.4 + E7m.5 + 7m.8 + E8m.7 + E10m.12 + E6.2(12m.10) + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E7.2 + E14/12	253 853			
	E16 + E18 + E8.2 + E9.2	253 854	7	Roller E5-14	206 770
1	Ring on the left	250 573		Roller E16-18	231 400
2	Stop ring on the left	204 369	8	Spacer slide	222 062
3	Shaft	221 011	9	Brush	225 819
4	Stripper	241 612	12	Rod	253 301
5	Spacer slide	240 104	500	Setting pin 6x32	020 685
6	Ring on the right	250 574	501	Set screw M10x15	020 635



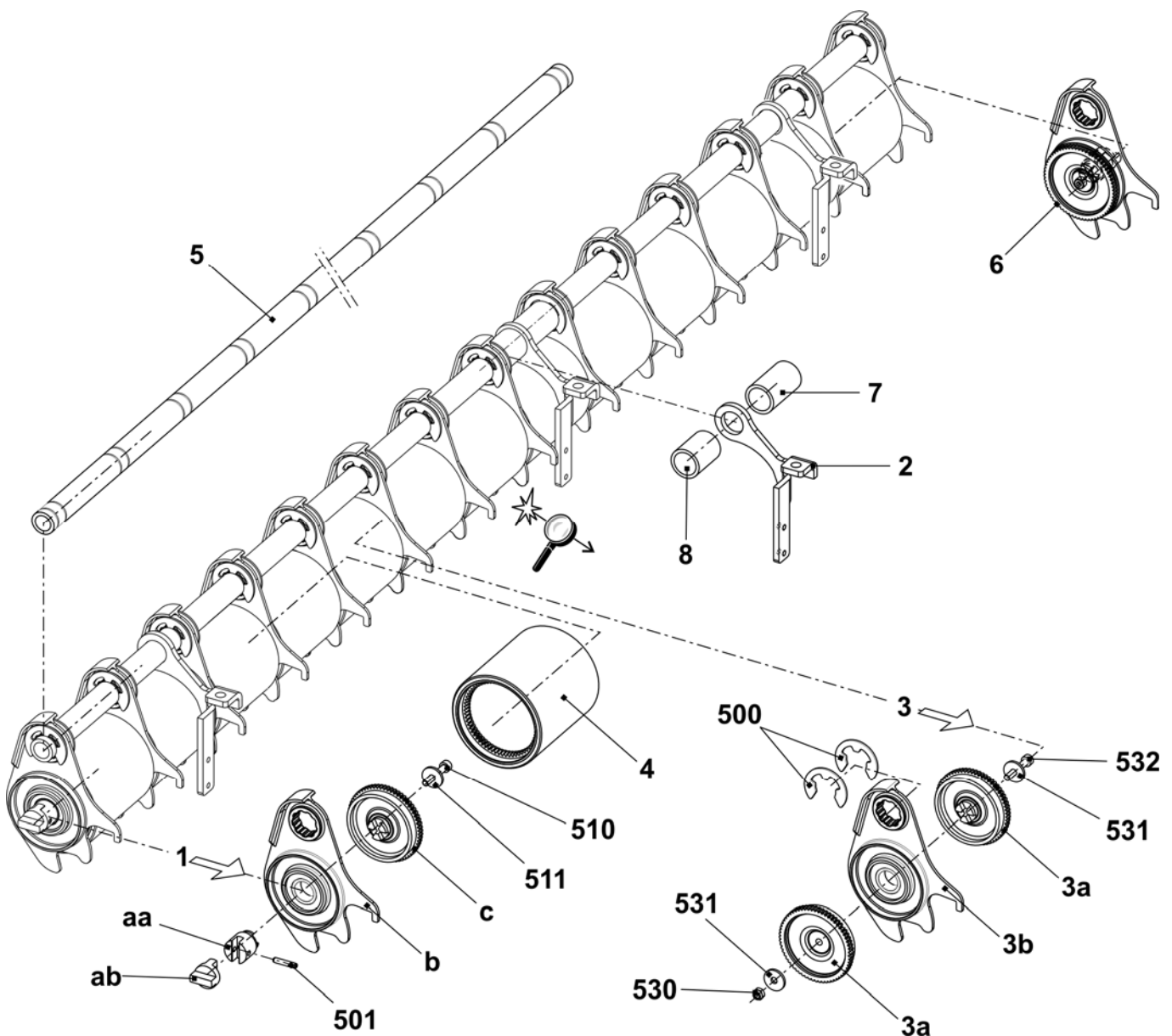
Front take-down roller

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller at the front complete	241 426	4	Fixed piece	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	U-washer 5-200	020 880



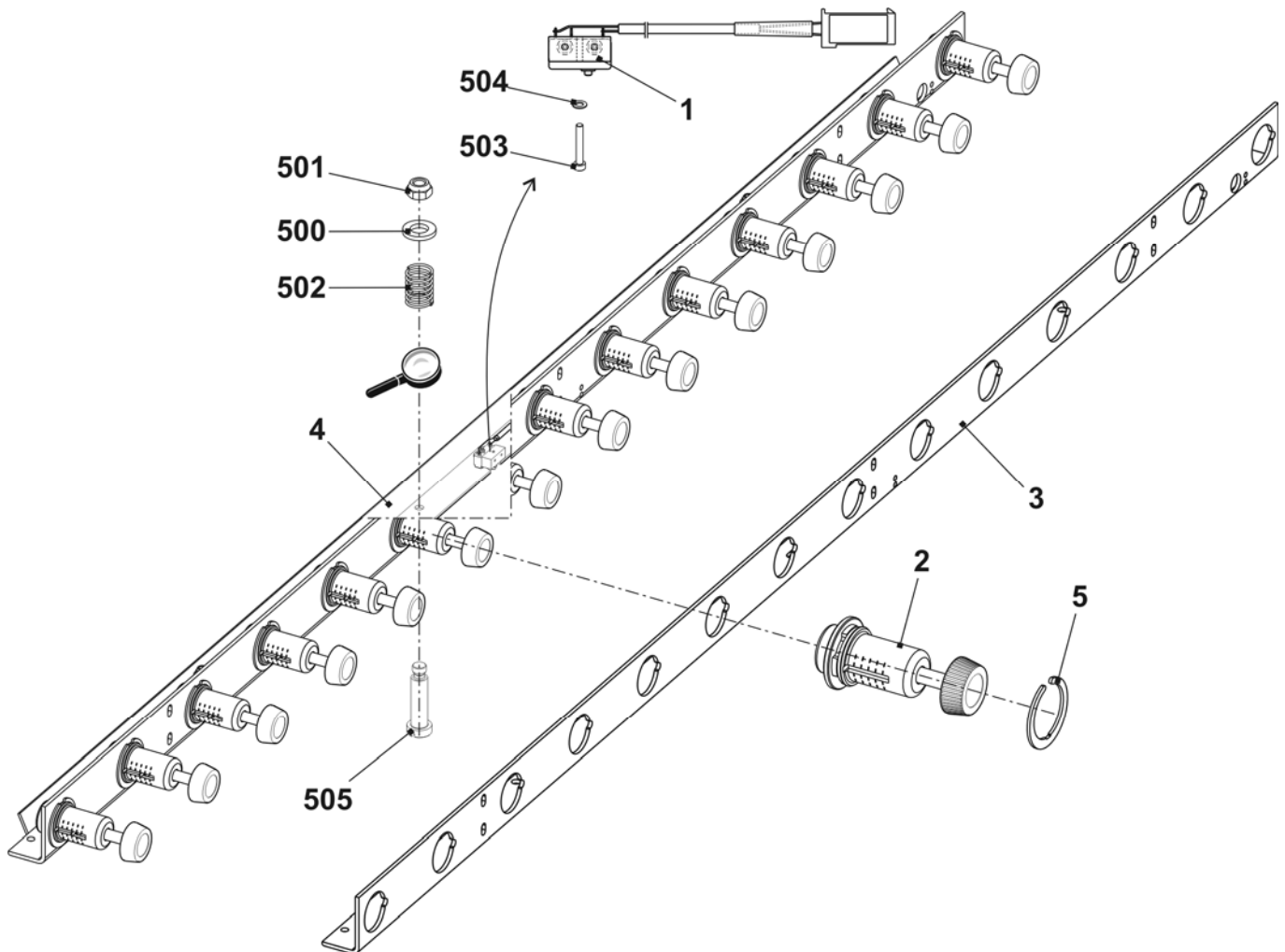
Front roller elements

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller at the front	221 243			
1	Bearing support on the left complete	221 225	4	Roller	220 905
aa	Universal joint	221 137	5	Tube	221 092
ab	Adaptor	221 132	6	Bearing support on the right complete	221 240
b	Bearing support	220 913	aa	Universal joint	221 137
c	Gear wheel	220 910	ab	Adaptor	221 132
501	Spring dowel sleeve 4x20	023 551	b	Bearing support	220 913
510	Cap screw M5x20	020 133	c	Gear wheel	220 910
511	U-washer 5	023 542	501	Spring dowel sleeve 4x20	023 551
2	Support	251 557	510	Cap screw M5x20	020 133
3	Bearing support complete	221 241	511	U-washer 5	023 542
3b	Bearing support	220 913	7	Distance pipe on the right	253 407
3a	Gear wheel	220 910	8	Distance pipe on the left	253 408
530	Hexagon nut M5	023 541	500	Circlip	021 025
531	Washer 5-100hv	023 542			
532	Cap screw M5x30	022 396			

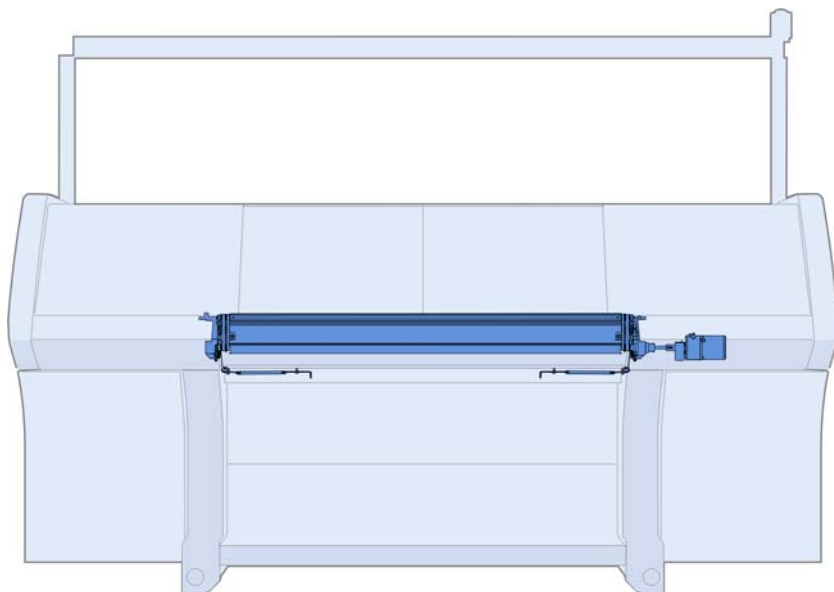


Pressure angle rail

Pos	Designation	ID	Pos	Designation	ID
Σ	Angle rail complete	241 425	500	U-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	U-washer 2-200	022 908
5	Locking ring	242 325	505	Shoulder screw M5x20x5	023 675

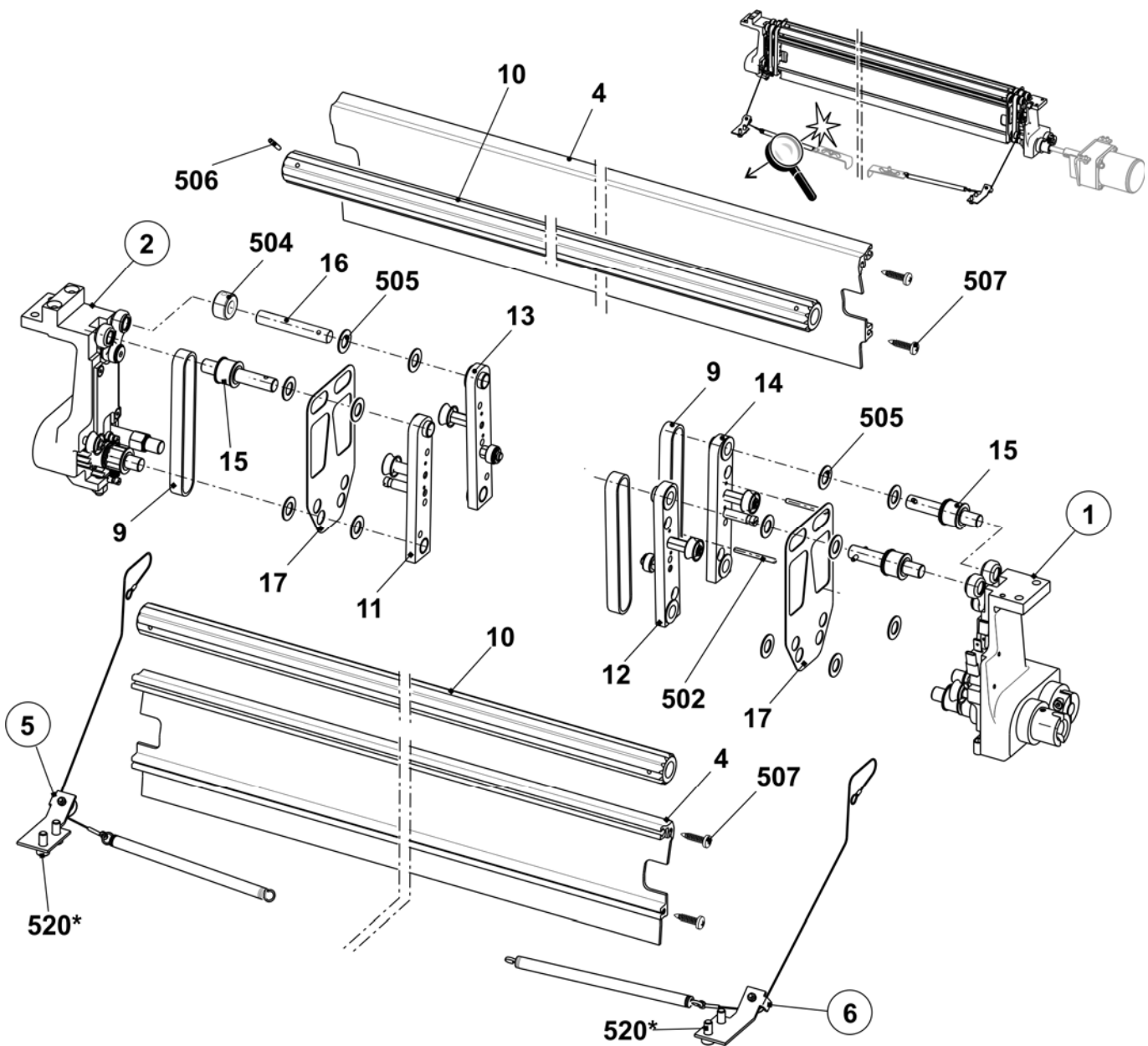


Auxiliary take-down



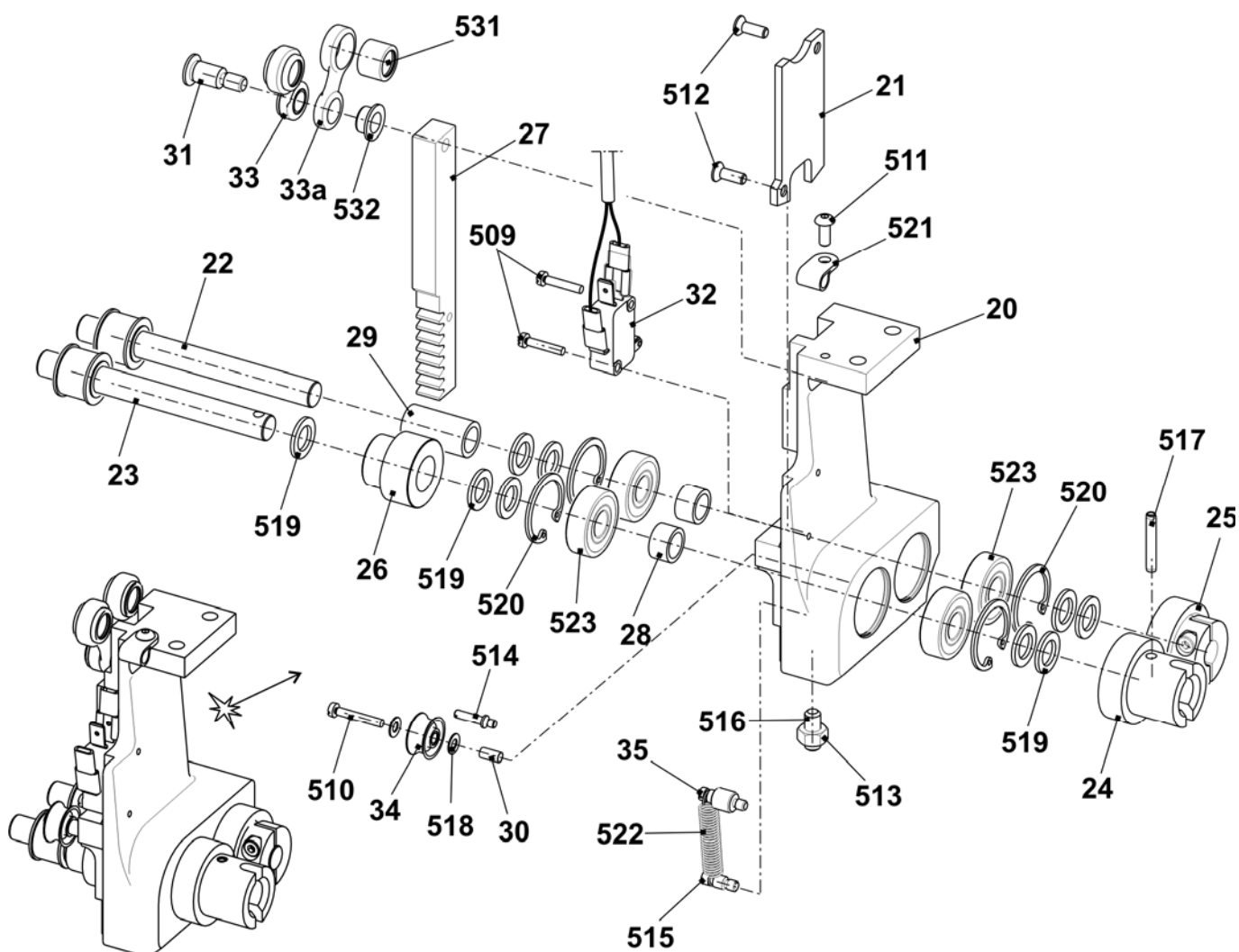
Auxiliary take-down pre-assembled

Pos	Designation	ID	Pos	Designation	ID
Σ	Auxiliary take-down pre-assembled	254 061			
1	Bearing on the right complete	239 996	14	Lever at the rear on the right	227 260
2	Bearing on the left complete	239 999	15	Timing belt pulley complete	226 708
4	Guide 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	502	Shoulder screw M3x27x32	023 634
9	Toothed belt 10T5/260	208 832	504	Set collar	020 934
10	Take-down roller	224 891	505	Stop disc	023 646
11	Lever at the front on the left	227 263	506	Spring dowel sleeve 3x20	020 776
12	Lever at the front on the right	227 262	507	Sheet metal screw St4.8x22-	023 259
13	Lever at the rear on the left	227 261	520*	Cap screw M6x12	020 134



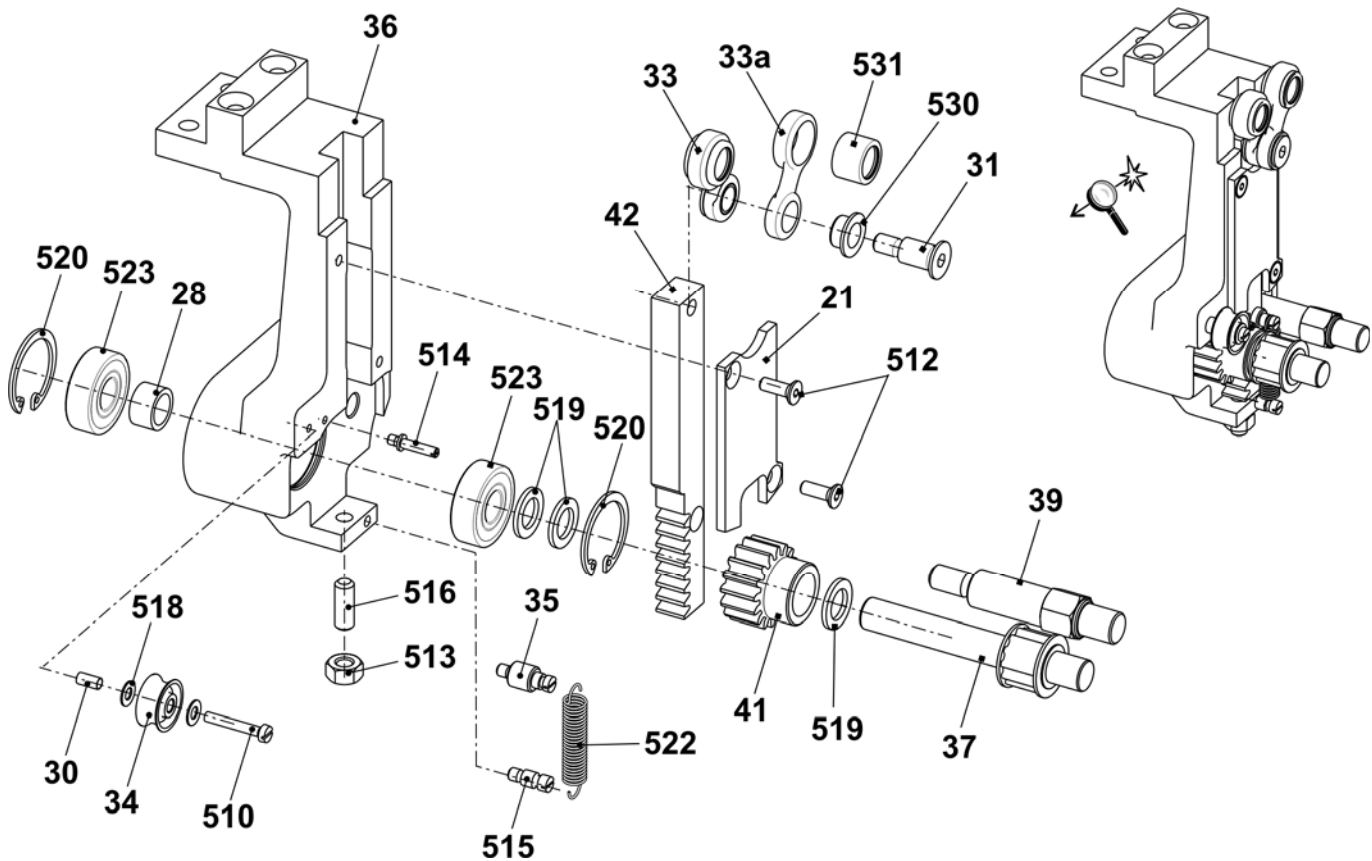
Right bearing of the auxiliary take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Bearing on the right complete				
20	Bearing block on the right	239 967	34	Roller deflector	218 805
21	Cover	224 881	35	Shoulder screw	239 215
22	Drive shaft complete	227 857	500	Cap screw M3x16	022 560
23	Drive shaft complete	227 853	510	Cap screw M3x20	022 448
24	Gear wheel M=1.5, Z=20	213 880	511	Countersunk screw M4x10	023 450
25	Gear wheel M=1.5, Z=20	210 504	512	Countersunk head screw M4x12	023 062
26	Gear wheel on the right complete	218 524	513	Hexagon nut M6-6	020 836
27	Gear rack on the right	239 218	514	Threaded bolt with shoulder	243 226
28	Spacer	229 683	515	Shoulder screw M4x9x14	020 602
29	Sleeve	227 257	516	Set screw M6x16-45	023 092
30	Sleeve	239 997	517	Spiral pin 4x24	023 544
31	Collar bolt	210 551	518	Adjusting washer 4x8x0.5	023 384
32	Cable with switch auxiliary take-down okc	243 142	519	Adjusting washer 10x16x1.5	023 261
33	Connecting rod complete	226 710	520	Locking ring 26x1.2	023 359
33a	Connecting rod	226 696	521	Cable clip 255/5,2	008 335
531	Needle roller bearing HK1010	023 664	522	Tension spring 7.5x0.7x28	023 595
532	Slide bearing GFM-081014-06	023 358	523	Ball bearing 6000-2Z	022 599



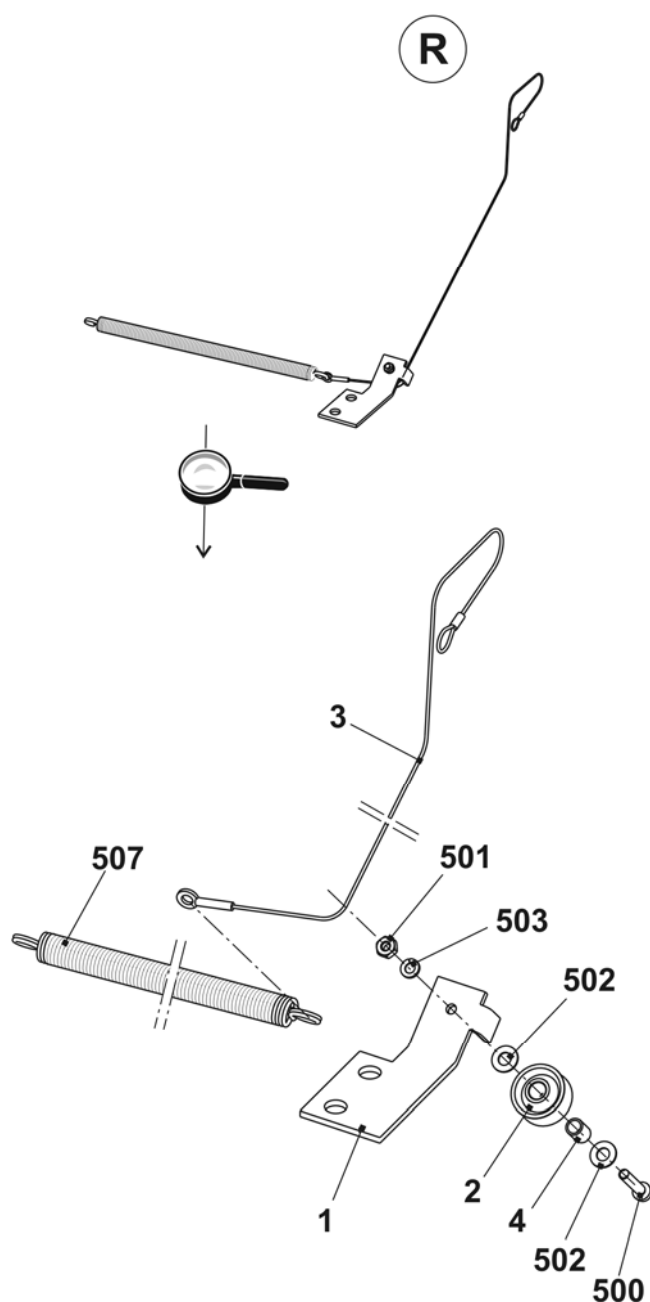
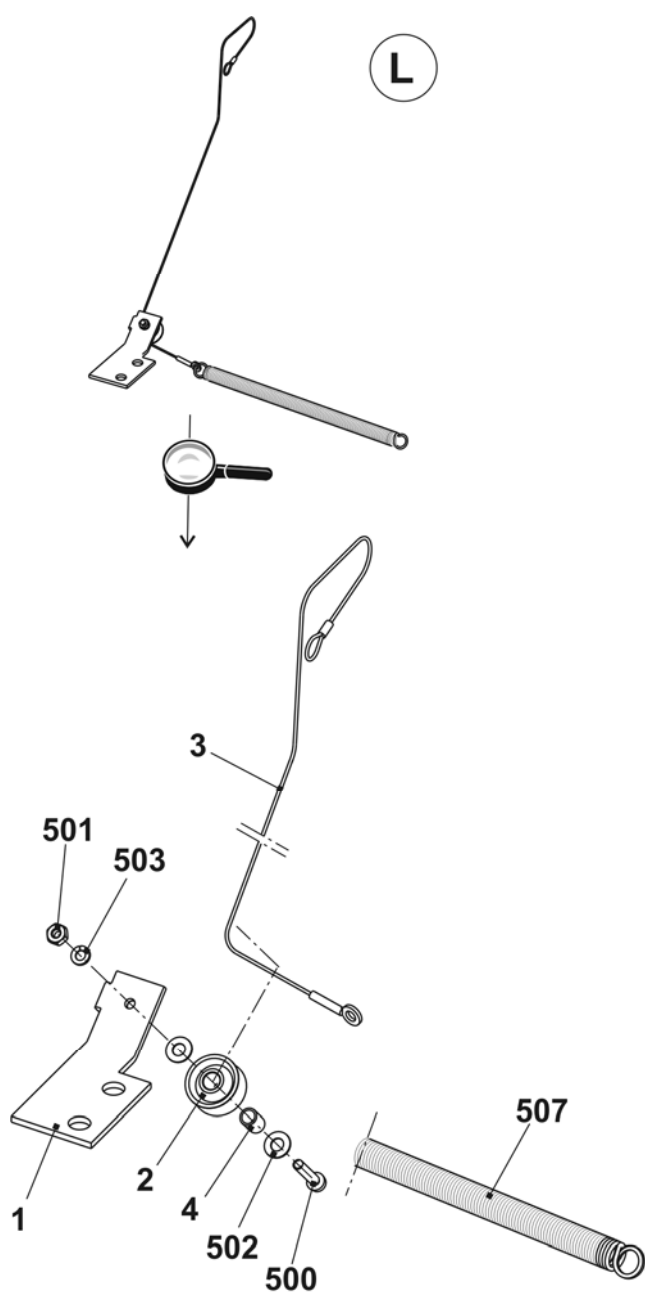
Left bearing of the auxiliary take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Bearing on the left				
21	Cover	224 881	41	Gear wheel on the left complete	218 523
28	Spacer	229 683	42	Gear rack on the left	239 216
30	Sleeve	239 997	510	Cap screw M3x20	022 448
31	Collar bolt	210 551	512	Countersunk head screw M4x12	023 062
33	Connecting rod complete	226 710	513	Hexagon nut M6-6	020 836
	33a Connecting rod	226 696	514	Threaded bolt with shoulder	243 226
	530 Slide bearing GFM-081014-06	023 358	515	Shoulder screw M4x9x14	020 602
	531 Needle roller bearing HK1010	023 664	516	Set screw M6x16-45	023 092
34	Roller deflector	218 805	518	Adjusting washer 4x8x0.5	023 384
35	Shoulder screw	239 215	519	Adjusting washer 10x16x1.5	023 261
36	Bearing block on the left	240 001	520	Locking ring 26x1.2	023 359
37	Drive shaft complete	227 887	522	Tension spring 7.5x0.7x28	023 595
39	Bolt	226 705	523	Ball bearing 6000-2Z	022 599



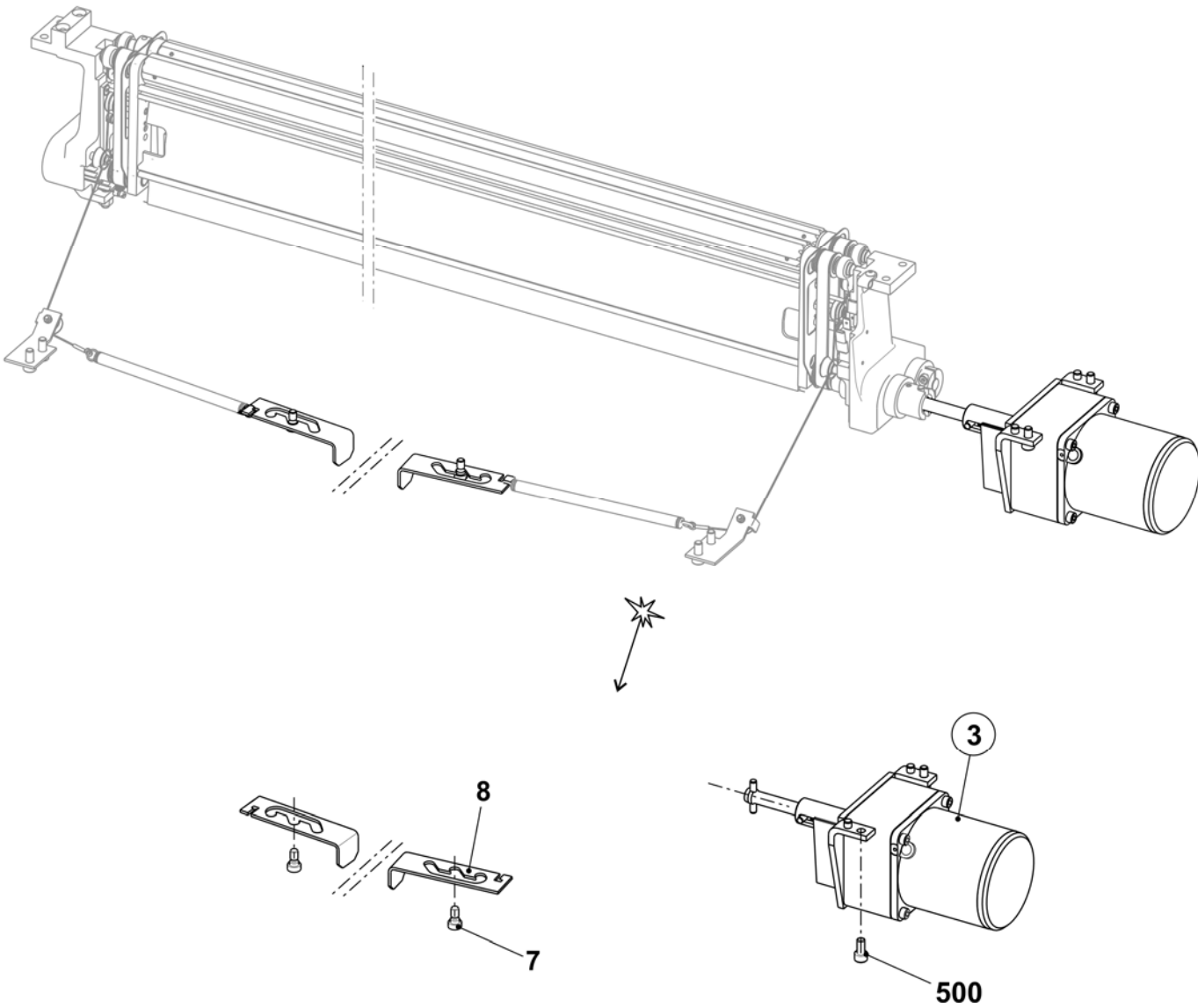
Angular sheet metal on the left and right complete

Pos	Designation	ID	Pos	Designation	ID
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



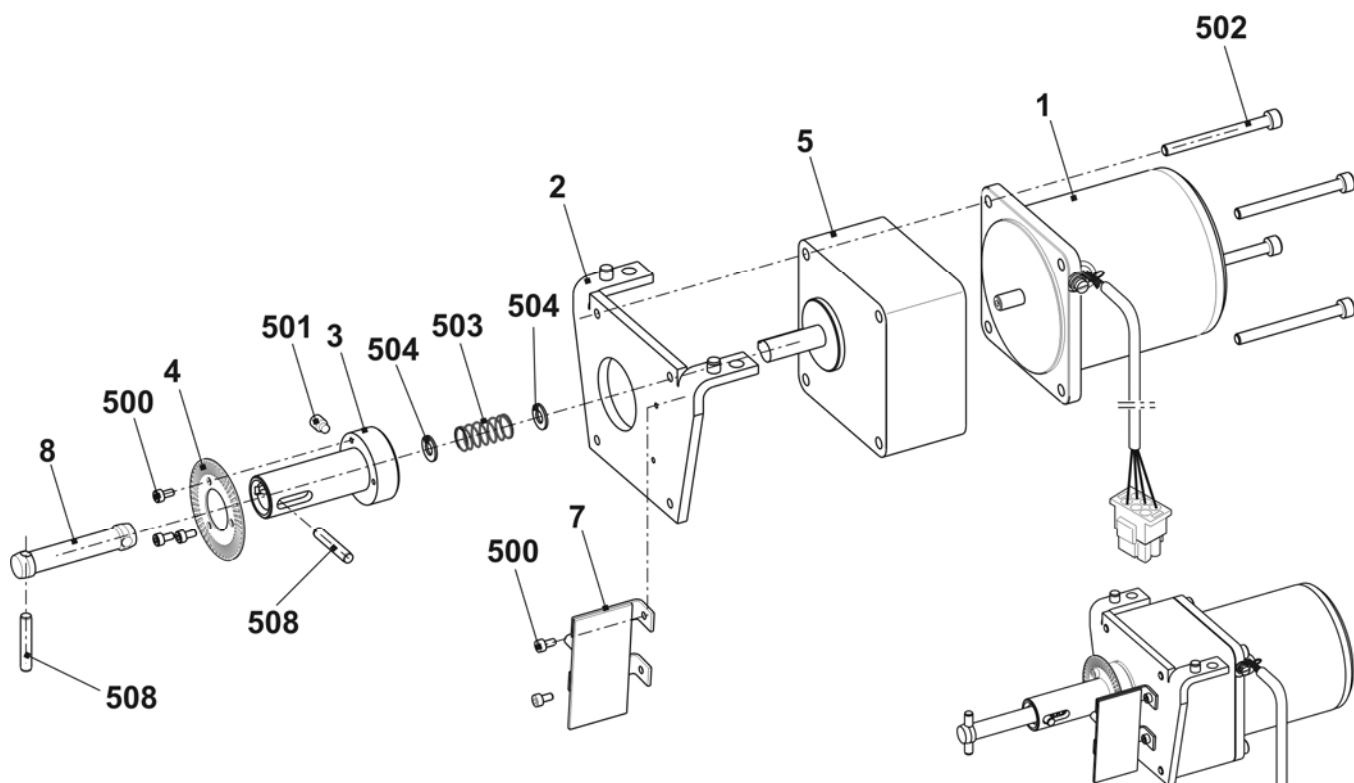
Auxiliary take-down remaining parts

Pos	Designation	ID	Pos	Designation	ID
Σ	Auxiliary take-down remaining parts	254 062			
3	Take-down motor complete auxiliary take-down	214 449	8	Detent plate	222 040
7	Shoulder screw	207 101	500	Cap screw M6x12	020 134



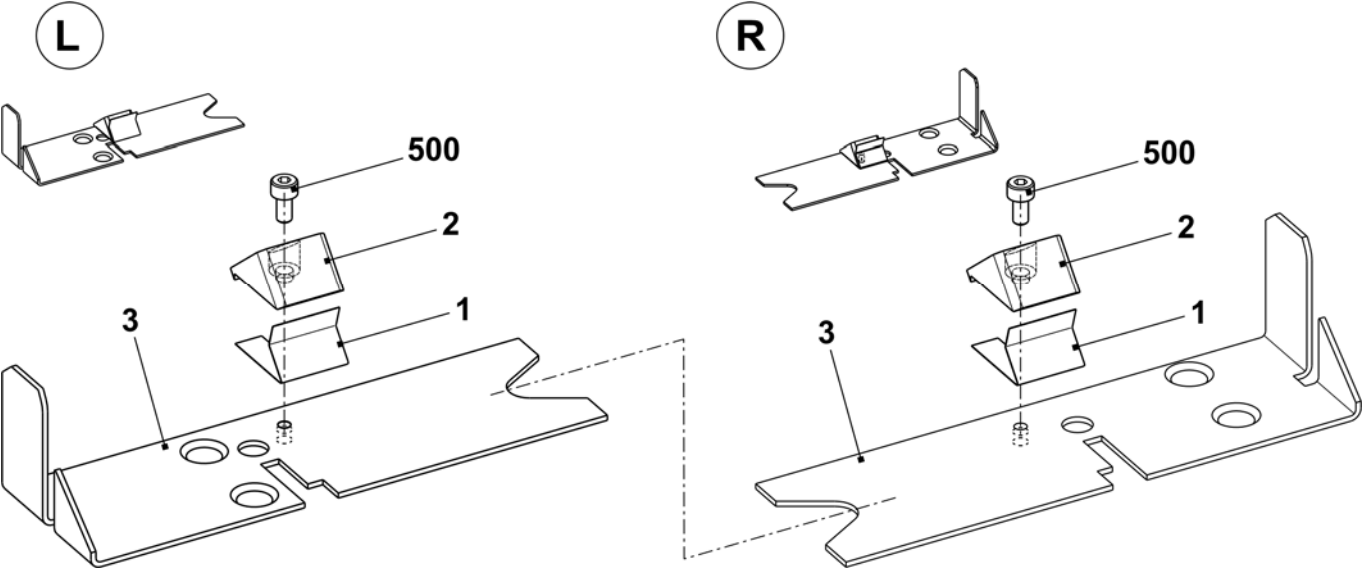
Motor

Pos	Designation	ID	Pos	Designation	ID
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	Photoelectric sensor Auxiliary take-down	217 462	508	Dowel pin 5x28	241 686

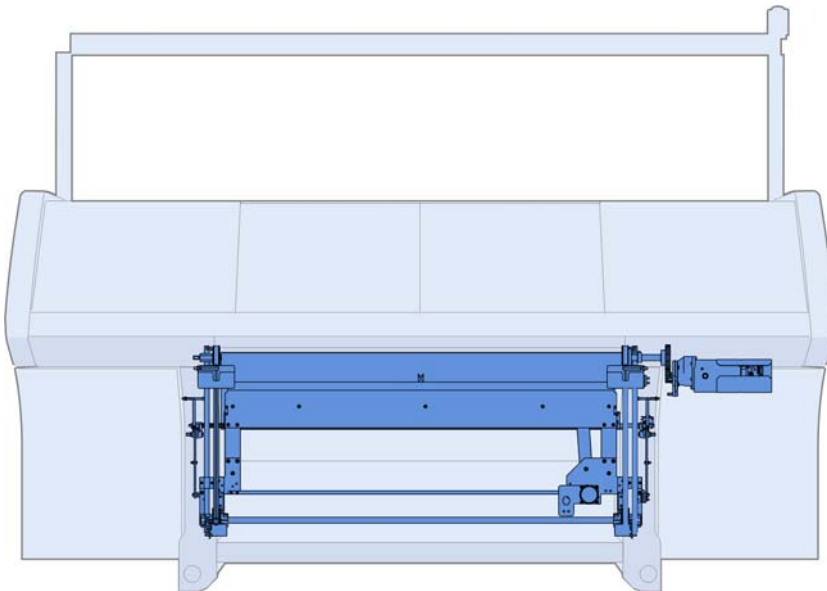


Yarn brake at clamping/cutting bed

Pos	Designation	ID	Pos	Designation	ID
Σ L	Yarn brake	240 019	Σ R	Yarn brake	240 021
1	Leaf spring	232 164	1	Cover on the right	240 022
2	Clamping part	232 165	2	Leaf 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

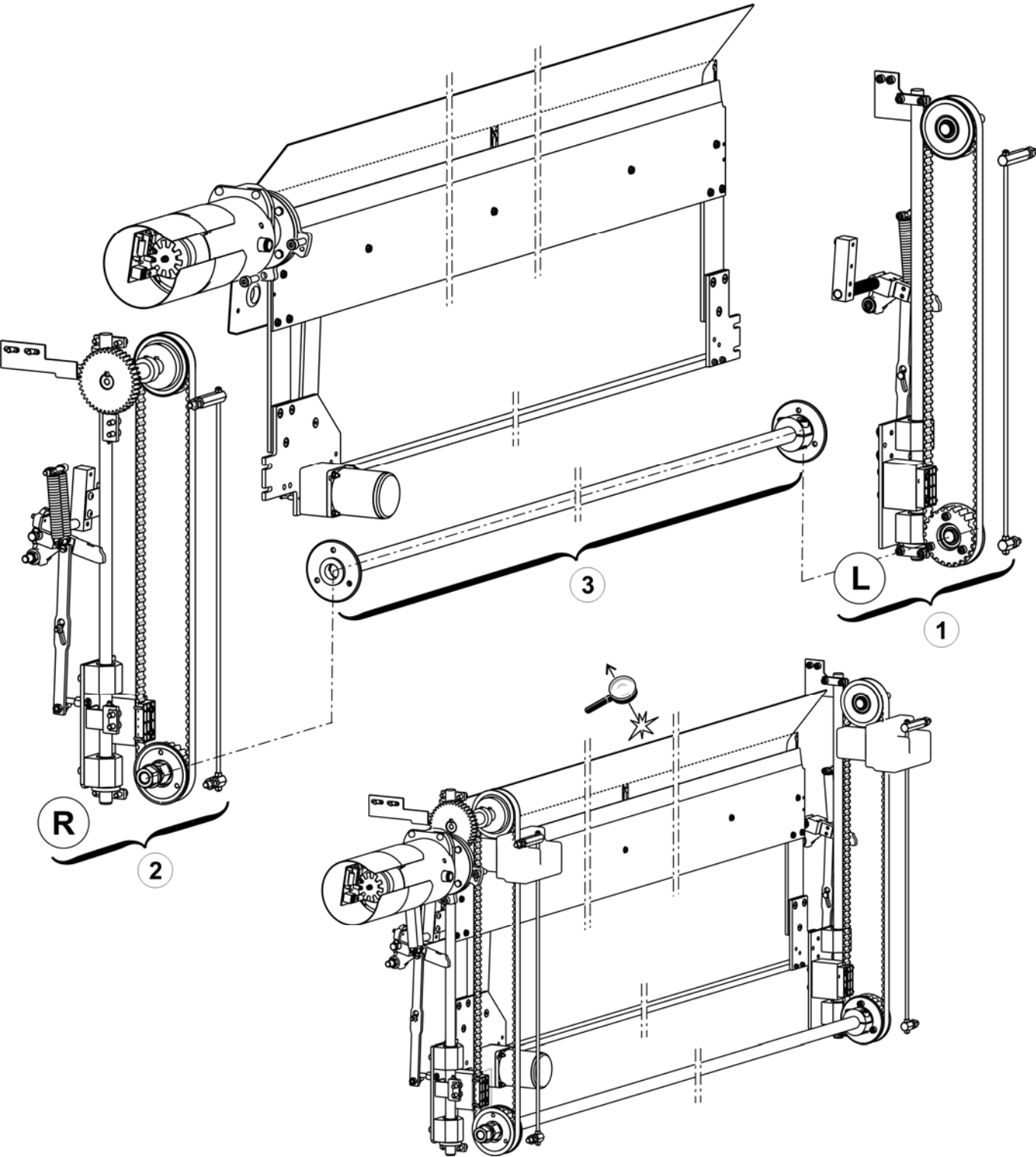


Comb take-down



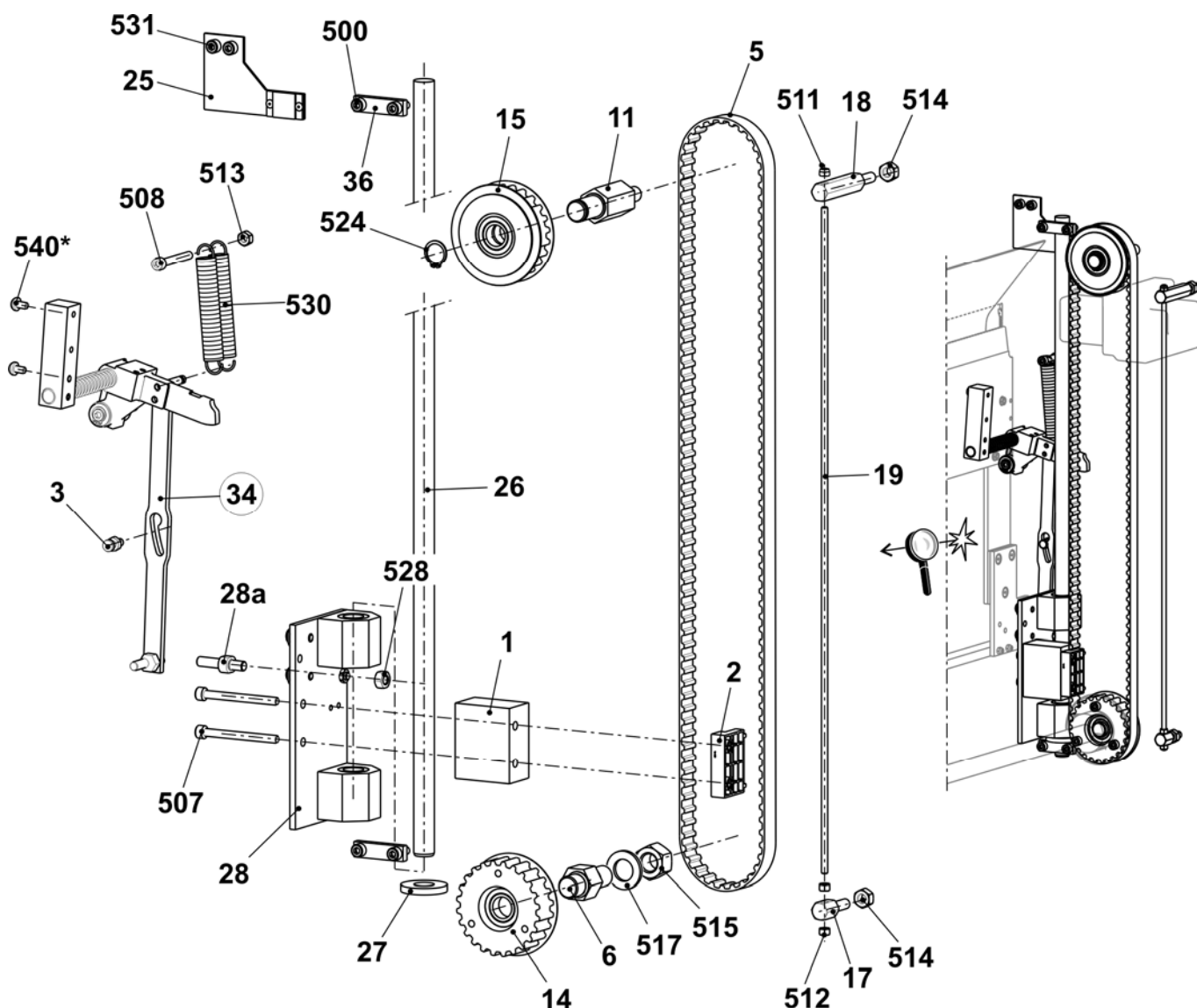
Comb take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down		3	E8 + E8m.7	253 588
1	Comb take-down left	253 520		E10 + E10m.12 + E5.2	253 589
2	Comb take-down right	253 521		E12+ E6.2 + E6.2(12m.10)	253 522
3	Comb take-down in the middle			E14 + E7.2 + E 14/12	253 590
	E5 + E5m.4 + E2,5.2	253 586		E16 + E8.2	253 591
	E7 + E7m.5 + E7m.8 + E3,5.2	253 587		E18 + E9.2	253 592



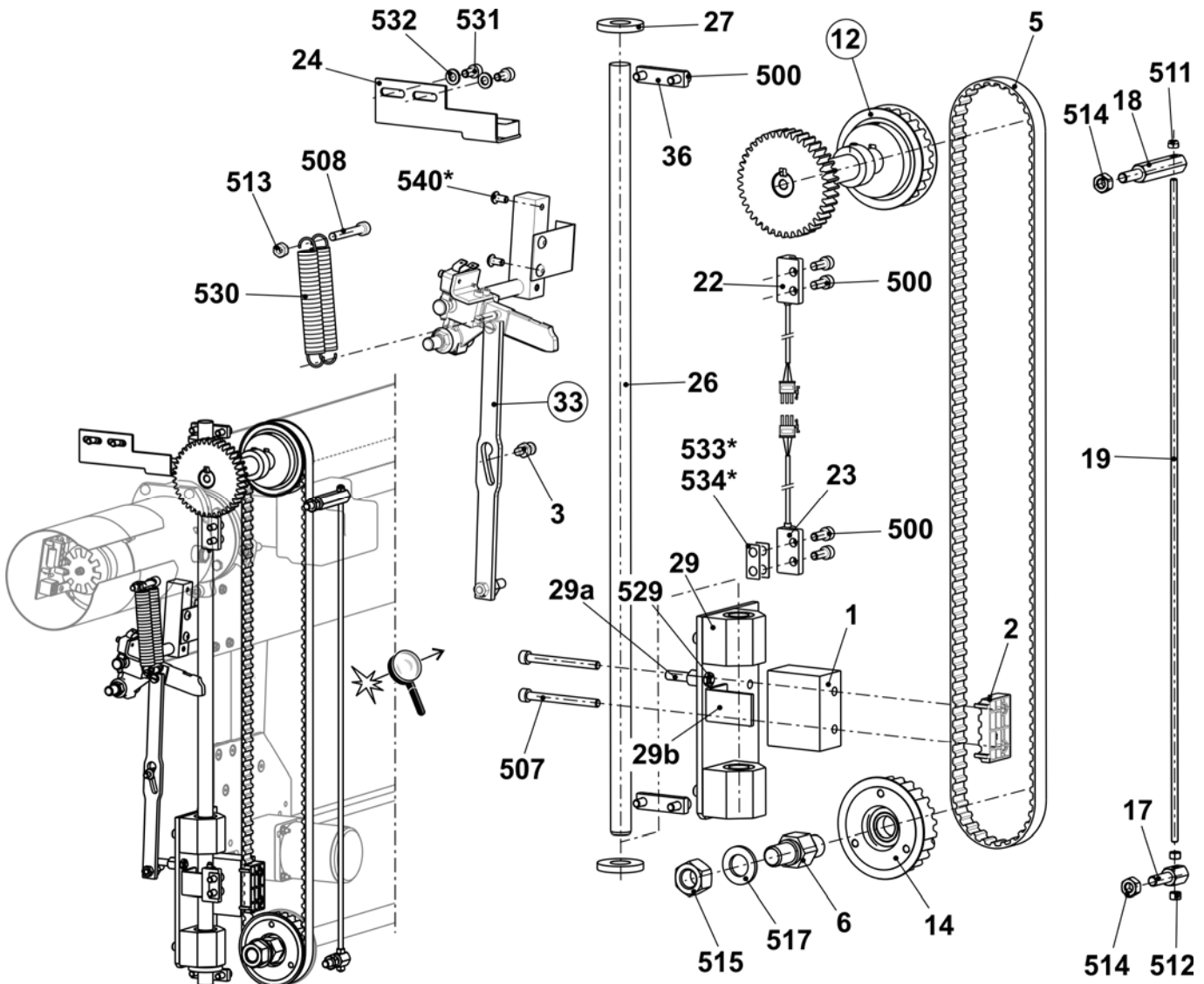
Comb take-down left

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down left	253 520			
1	Clamping part	209 379		528 Hexagon nut M8-6	020 838
2	Presser plate	241 967	34	Swivel lever on the left	252 859
3	Bolt	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6X65	240 162
11	Bolt	207 689	508	Cap screw M6x45	022 689
14	Timing belt pulley at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Timing belt pulley at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	253 535	517	U-washer 16	020 876
26	Guide bar C35	206 560	524	Locking ring 17x1	023 299
27	Rubber buffer	206 561	530	Tension spring Din2097 15x1,50x70,94	251 614
28	Comb guide on the left	255 425	531	Cap screw M6x12	020 134
28a	Pulling pin	255 427	540*	Countersunk screw M5x10	023 247



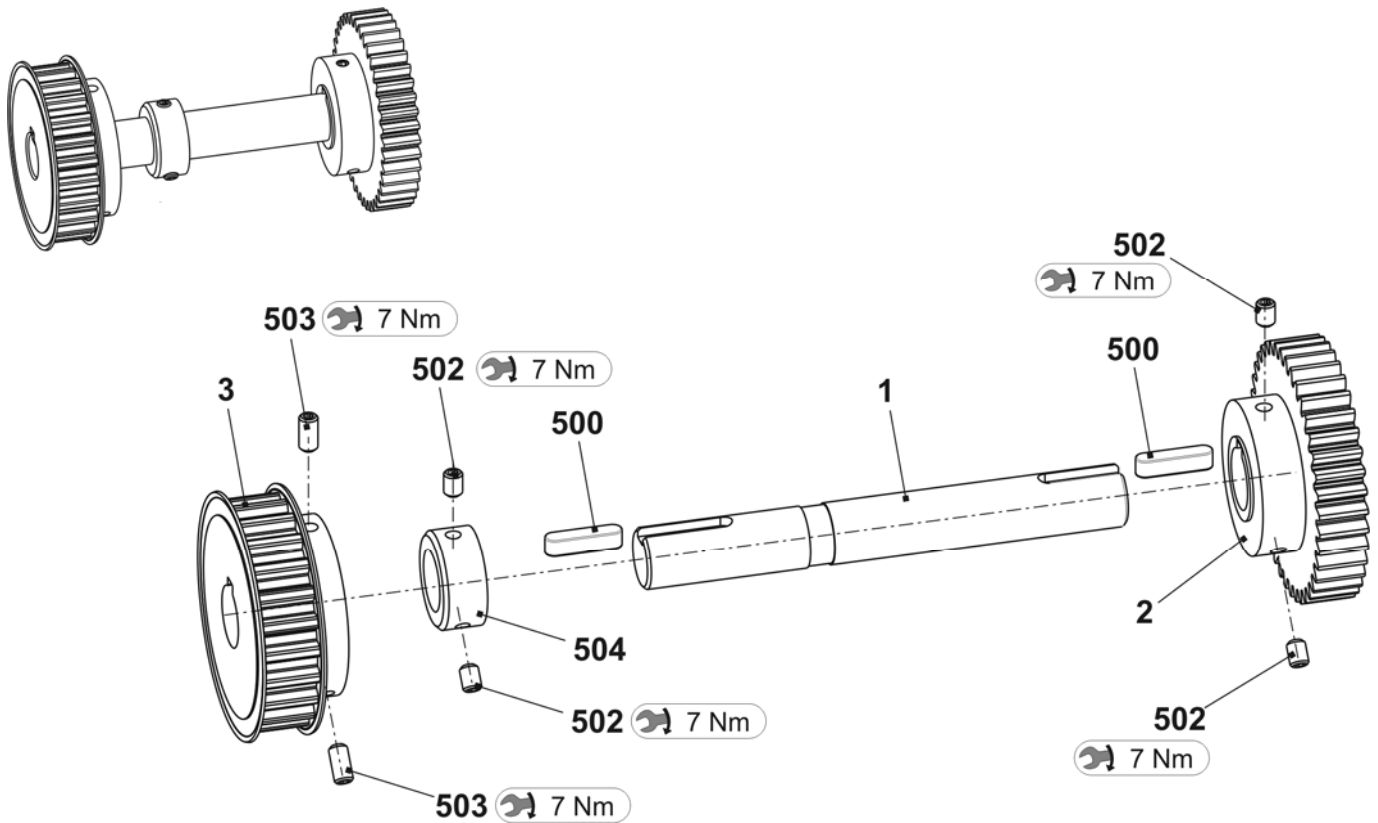
Comb take-down right

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down right	253 521			
1	Clamping part	209 379		529 Hexagon nut M8-6	020 838
2	Presser plate	241 967	33	Swivel lever on the right	252 858
3	Bolt	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6X65	240 162
12	Drive shaft comb complete	214 583	508	Cap screw M6x45	022 689
14	Timing belt pulley at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
17	Stay bolt	222 315	512	Hexagon nut M5-6	020 835
18	Stay bolt	240 056	513	Hexagon nut M6-6	020 836
19	Threaded rod M5	240 057	514	Hexagon nut M8-6	020 838
22	Proximity switch inductive at the top	231 516	515	Hexagon nut M16-6	020 845
23	Proximity switch inductive at the bottom	231 520	517	U-washer 16	020 876
24	Photoelectric sensor complete	253 534	530	Tension spring 15x1,50x70,94	251 614
26	Guide bar C35	206 560	531	Cap screw M6x12	020 134
27	Rubber buffer	206 561	532	U-washer 6	020 872
29	Comb guide on the right	255 424	533*	Shim 0.2x12x27	023 735
29a	Pulling pin	255 427	534*	Shim 0.5x12x27	023 736
29b	Angle	240 112	540*	Countersunk screw M5x10	023 247



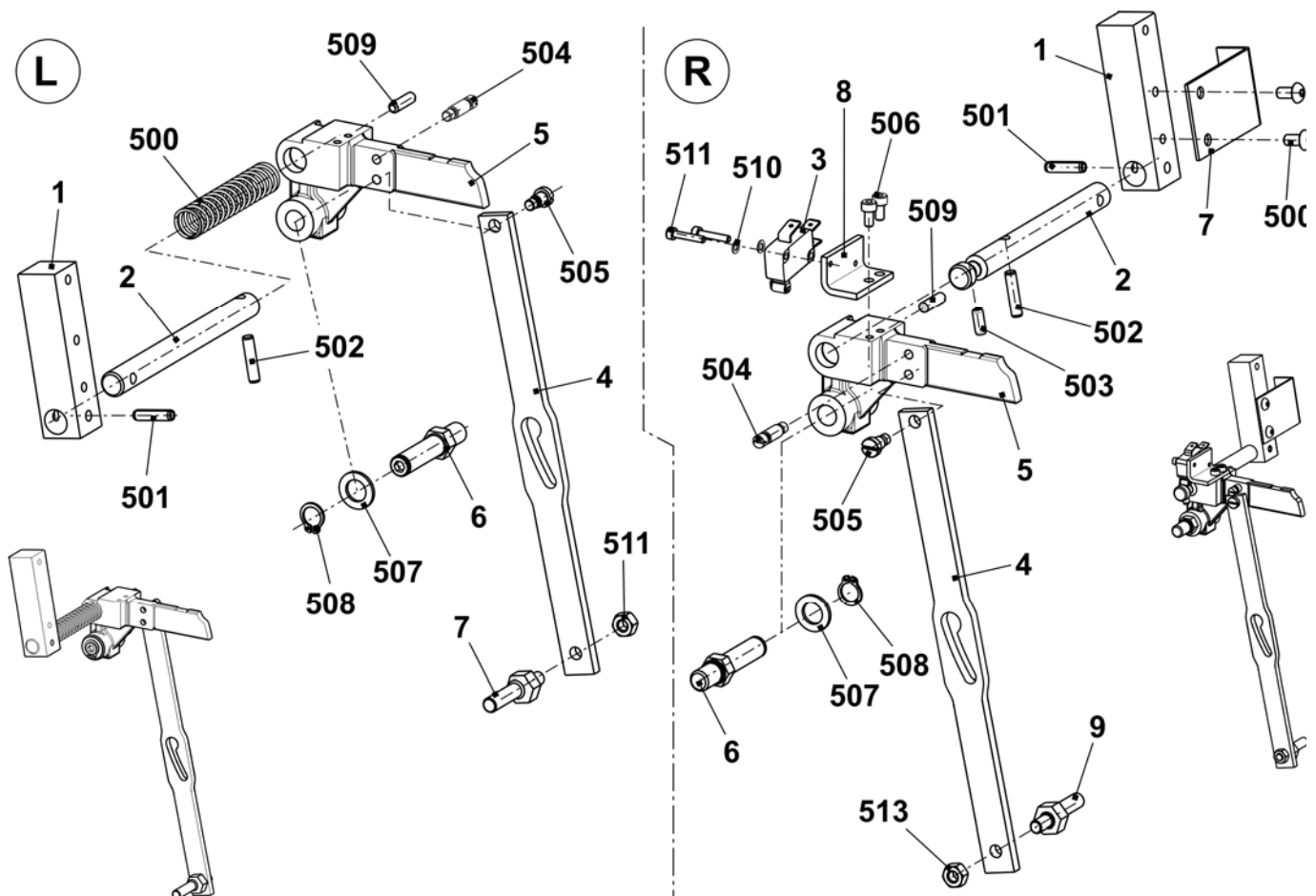
Drive shaft of comb

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive shaft of comb complete	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				



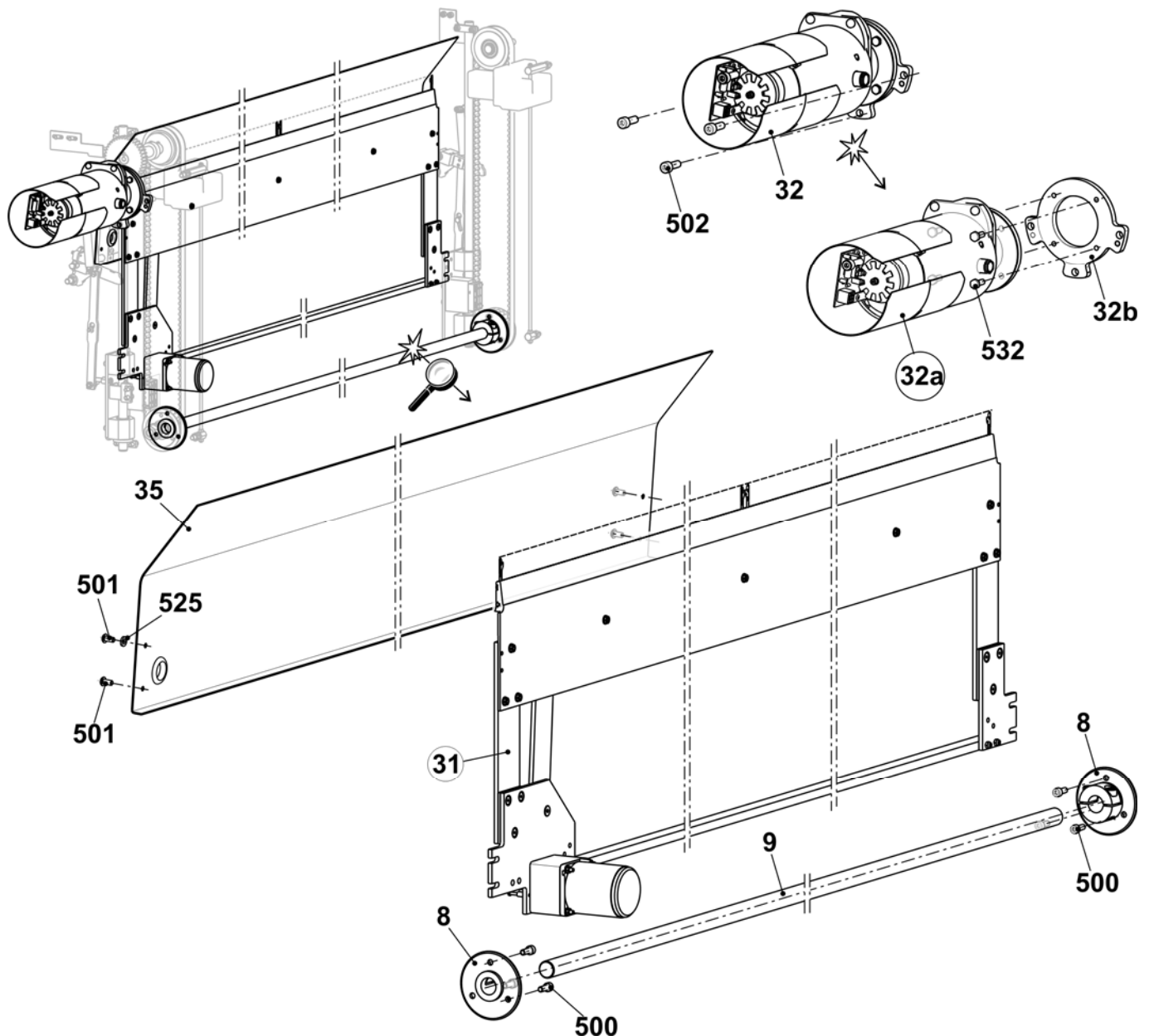
Swivel lever comb take-down

Pos	Designation	ID	Pos	Designation	ID
Σ L	Swivel lever on the left	252 859	Σ R	Swivel lever on the right	252 858
1	Support	252 780	1	Support	252 780
2	Shaft	223 994	2	Shaft	238 339
4	Plunger	251 099	3	Microswitch	026 259
5	Swivel lever	239 248	4	Plunger	251 099
6	Bolt	214 053	5	Swivel 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	Shoulder screw M5x29x35	251 618	500	Countersunk screw M5x10	023 247
505	Shoulder screw M5x5.8x6.2	023 365	501	Spring dowel sleeve 5x20	020 794
507	U-washer 10	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	Shoulder screw M5x29x35	251 618
511	Hexagon nut M6-6	022 899	505	Shoulder screw M5x5.8x6.2	023 365
			506	Cap screw M4x8	022 501
			507	U-washer 10	020 884
			508	Locking ring 10x1	020 950
			509	Shoulder screw M5x12x18	020 539
			510	Cap screw M3x16	022 583
			511	U-washer 3	020 877
			513	Hexagon nut M6-6	022 899



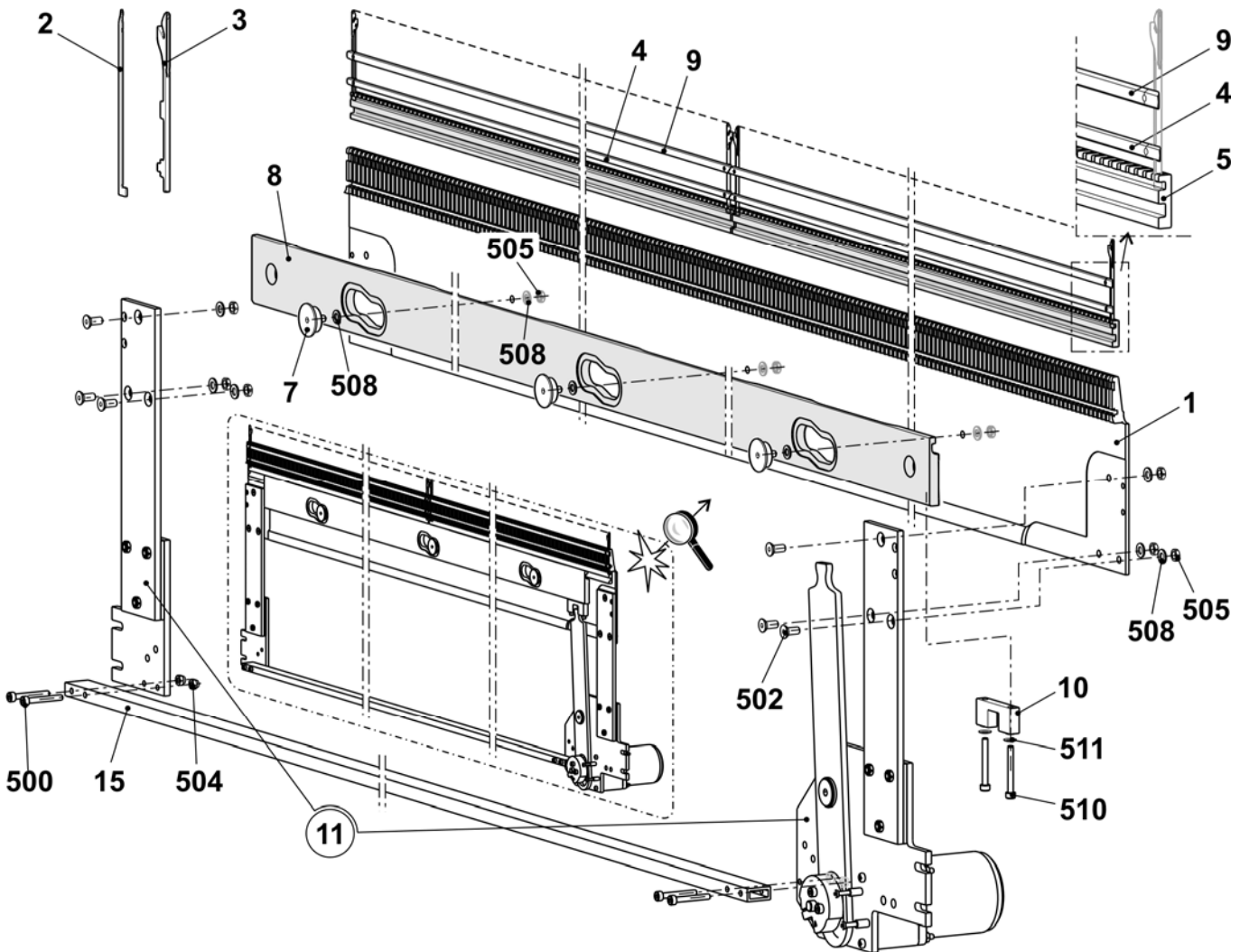
Comb take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down in the middle		31	Comb unit	
	E5 + E5m.4 + E2,5.2	253 586		E5 + E5m.4 + E2,5.2	241 530
	E7 + E7m.5 + E7m.8 + E3,5.2	253 587		E7 + E7m.5 + E7m.8 + E3,5.2	241 531
	E8 + E8m.7	253 588		E8 + E8m.7	241 532
	E10 + E10m.12 + E5.2	253 589		E10 + E10m.12 + E5.2	241 533
	E12+ E6.2 + E6.2(12m.10)	253 522		E12+ E6.2 + E6.2(12m.10)	240 061
	E14 + E7.2 + E14/12	253 590		E14 + E7.2 + E14/12	241 534
	E16 + E8.2	253 591		E16 + E8.2	241 535
	E18 + E9.2	253 592		E18 + E9.2	241 536
8	Flange	207 695	32	Motor take-down unit complete	253 803
9	Shaft long	213 968	32a	Motor take-down unit + comb	214 279
500	Cap screw M6x16	020 135	32b	Flange	241 754
501	Countersunk screw M5x10	023 247	532	Hexagon screw M6x16	020 356
502	Cap screw M8X25	020 142	35	Guide plate	252 828
525	Serrated lock washer J5.3	022 489			



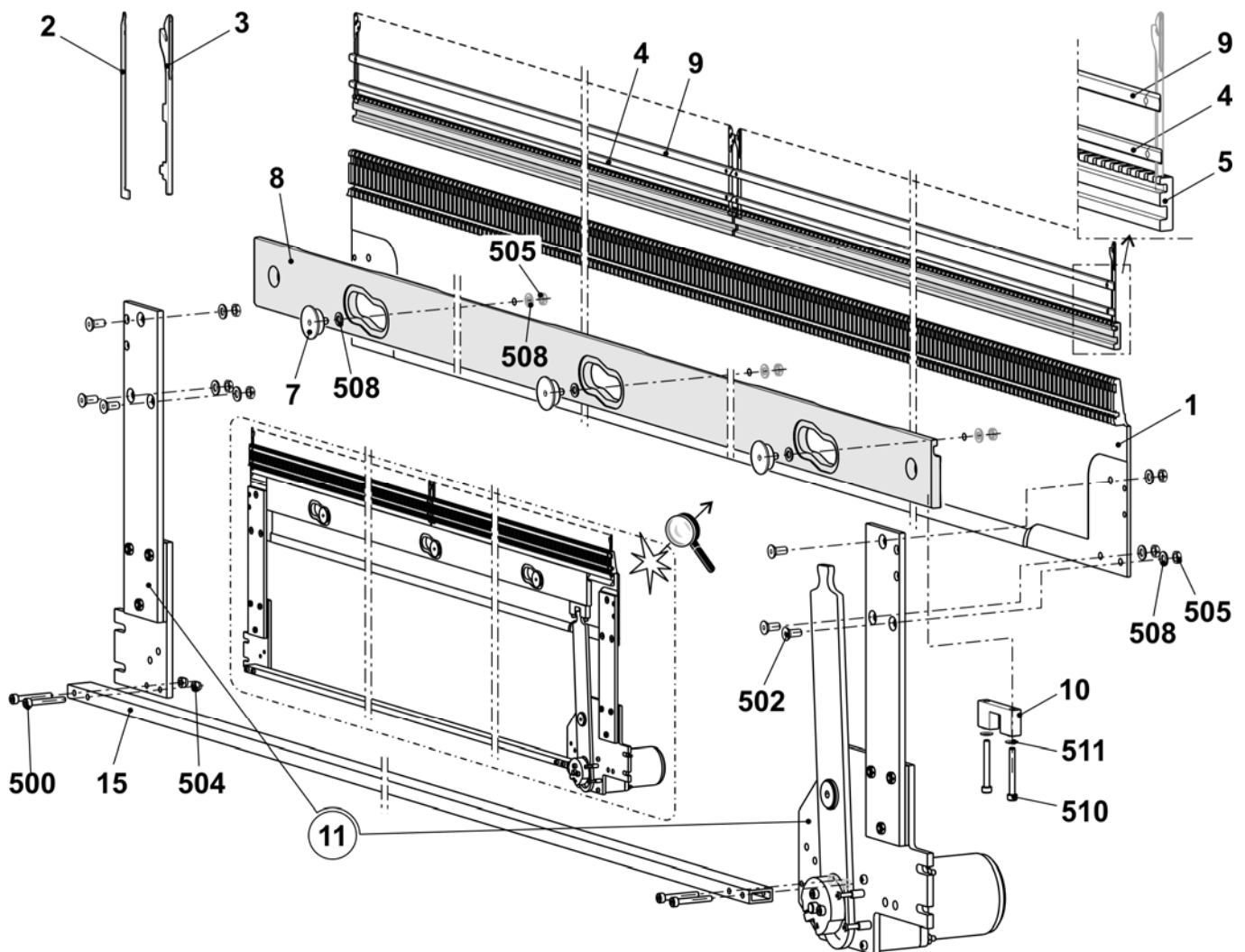
Comb unit E5 + E7 + E8 + E10

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb unit				
	E5 + E5m.4 + E2,5.2	241 530	5	Hook slider	
	E7 + E7m.5 + E7m.8 + E3,5.2	241 531		E5 + E5m.4 + E2,5.2	220 995
	E8 + E8m.7	241 532		E7 + E7m.5 + E7m.8 + E3,5.2	220 993
	E10 + E10m.12 + E5.2	241 533		E8 + E8m.7	220 994
1	Hook bed			E10 + E10m.12 + E5.2	220 996
	E5 + E5m.4 + E2,5.2	221 193	7	Collar bolt complete	211 036
	E7 + E7m.5 + E7m.8 + E3,5.2	221 194	8	Cross slider	213 429
	E8 + E8m.7	221 195	9	Cover rail	222 866
	E10 + E10m.12 + E5.2	221 196	10	Plunger	205 678
2	Closer		11	Switch lever complete	240 060
	E3-8 (E5m.4/7m.5/7m.8/8m.7/2,5.2/3,5.2)	230 105	15	Stabilizator	215 253
	E10-14 (E10m.12/6.2(E12m.10)/5.2/6.2/7.2)	230 106	502	Countersunk head screw M5x12	023 340
3	Body		504	Hexagon nut M4-8	023 046
	E3-8 (E5m.4/7m.5/7m.8/8m.7/2,5.2/3,5.2)	230 093	505	Hexagon nut M5-04	020 854
	E10-14 (E10m.12/6.2(E12m.10)/5.2/6.2/7.2)	230 094	508	U-washer 5	020 871
4	Cover rail	213 428	510	Cap screw M4x35	023 550
500	Cap screw M4x30	023 290	511	Circlip	022 774



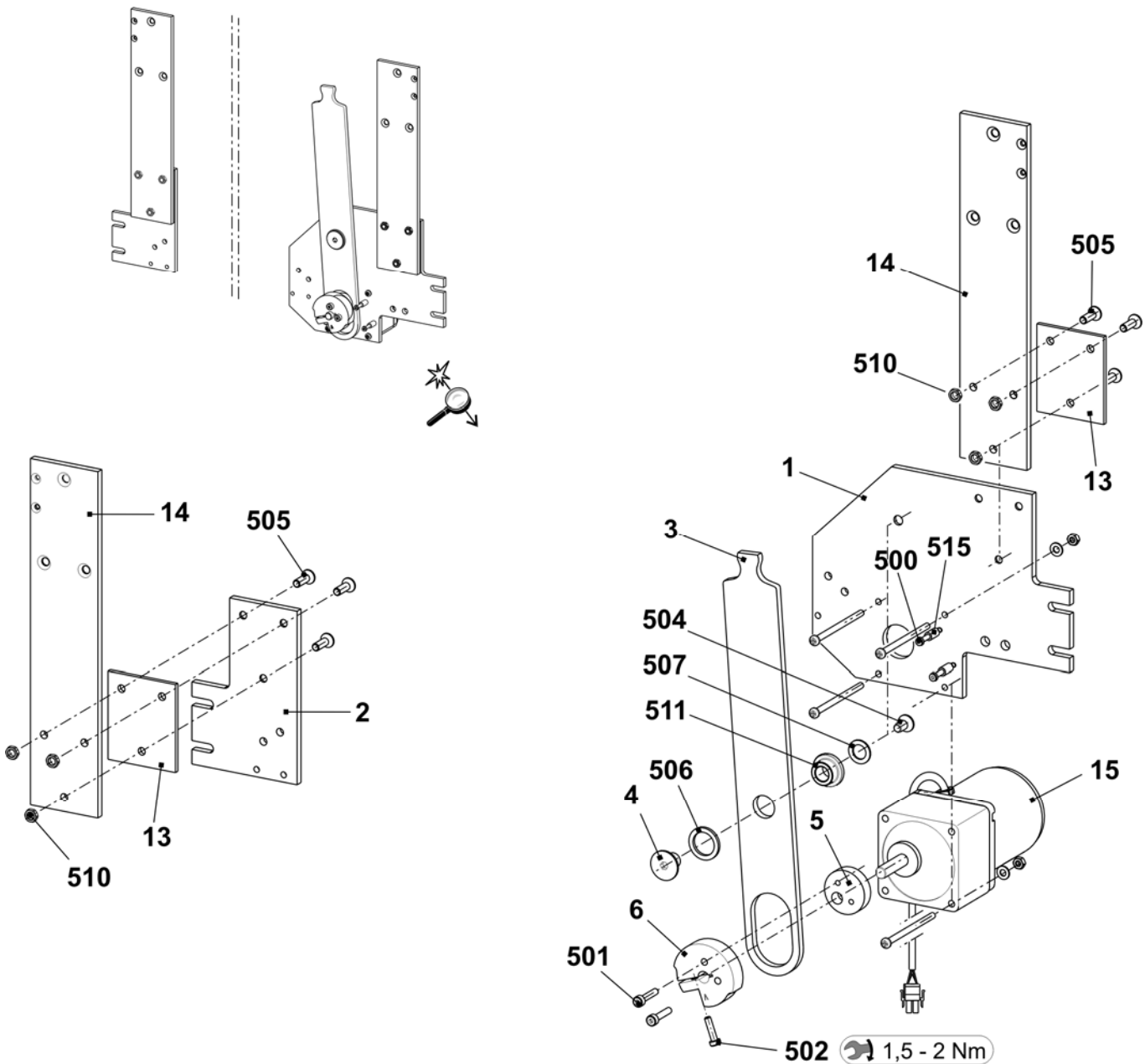
Comb unit E12 + E14 + E16 + E18

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb unit				
	E12+ E6.2 + E6.2(12m.10)	240 061	5	Hook slider	
	E14 + E7.2 + E14/12	241 534		E4+8+12+16 (E6.2/8.2/E6.2(12m.10)/8m.7)	220 994
	E16 + E8.2	241 535		E3,5+7+14 (E3,5.2/7.2/7m.5/8m.5/E14/12)	220 993
	E18 + E9.2	241 536		E5 (E2,5.2/5m.4)	220 995
1	Hook bed			E18 (E9.2)	220 997
	E12+ E6.2 + E6.2(12m.10)	221 197	7	Collar bolt complete	211 036
	E14 + E7.2 + E14/12	221 198	8	Cross slider	213 429
	E16 + E8.2	221 199	9	Cover rail	222 866
	E18 + E9.2	221 200	10	Plunger	205 678
2	Closer		11	Switch lever complete	240 060
	E10-14(E6.2/ E7.2/E6.2(12m.10)/ E14/12)	230 106	15	Stabilizator	215 253
	E16-20 (E8.2/9.2)	230 107	502	Countersunk head screw M5x12	023 340
3	Body		504	Hexagon nut M4-8	023 046
	E10-14 (E5.2/6.2/7.2/10m.12/6.2(E12m.10))	230 094	505	Hexagon nut M5-04	020 854
	E16-20 (E8.2/9.2)	230 095	508	U-washer 5	020 871
4	Cover rail	213 428	510	Cap screw M4x35	023 550
500	Cap screw M4x30	023 290	511	Circlip	022 774



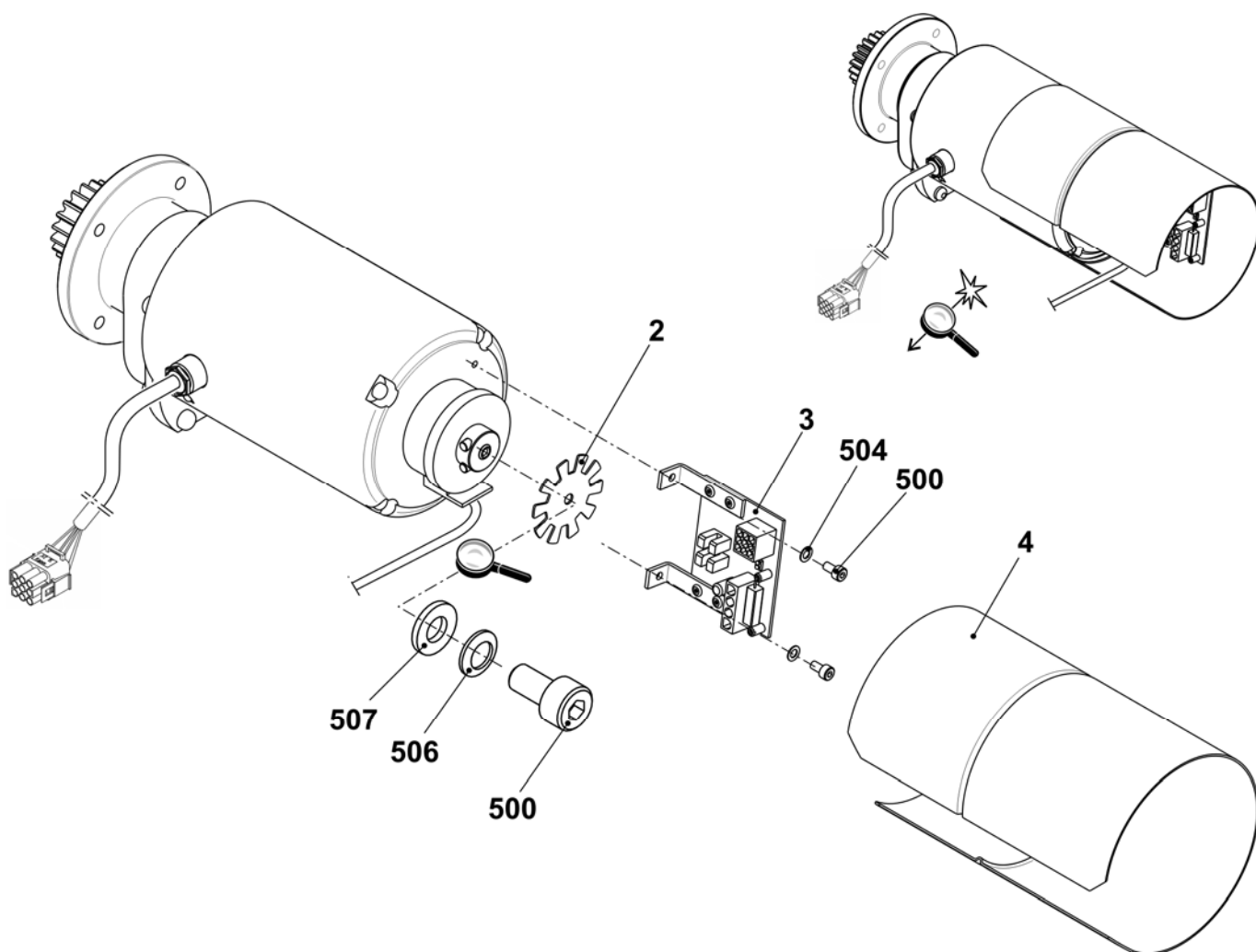
Switch lever comb take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Switch lever complete	240 060	500	Cap screw M3x25	023 093
1	Screwing plate on the right	240 058	501	Cap screw M4x20	023 171
2	Screwing plate on the left	240 059	502	Cap screw M4x16	023 123
3	Lever	215 228	504	Countersunk screw M6x12	023 435
4	Bearing bolt	215 675	505	Countersunk screw M5x16	023 417
5	Eccentric	205 681	506	Shim ring 16x22x2	023 449
6	Tension lifter	215 287	507	Adjusting washer 10x16x1	023 260
13	Intermediate plate	213 980	510	Hexagon nut M5	020 854
14	Retaining plate	218 977	511	Collar bearing 10x16x22	022 841
15	Motor comb hook 2 phases	244 635	515	Spacer	210 488



Motor take-down unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor take-down unit	214 279	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	U-washer 4	020 879
3	Photoelectric sensor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Shim ring 4x8x1	023 369

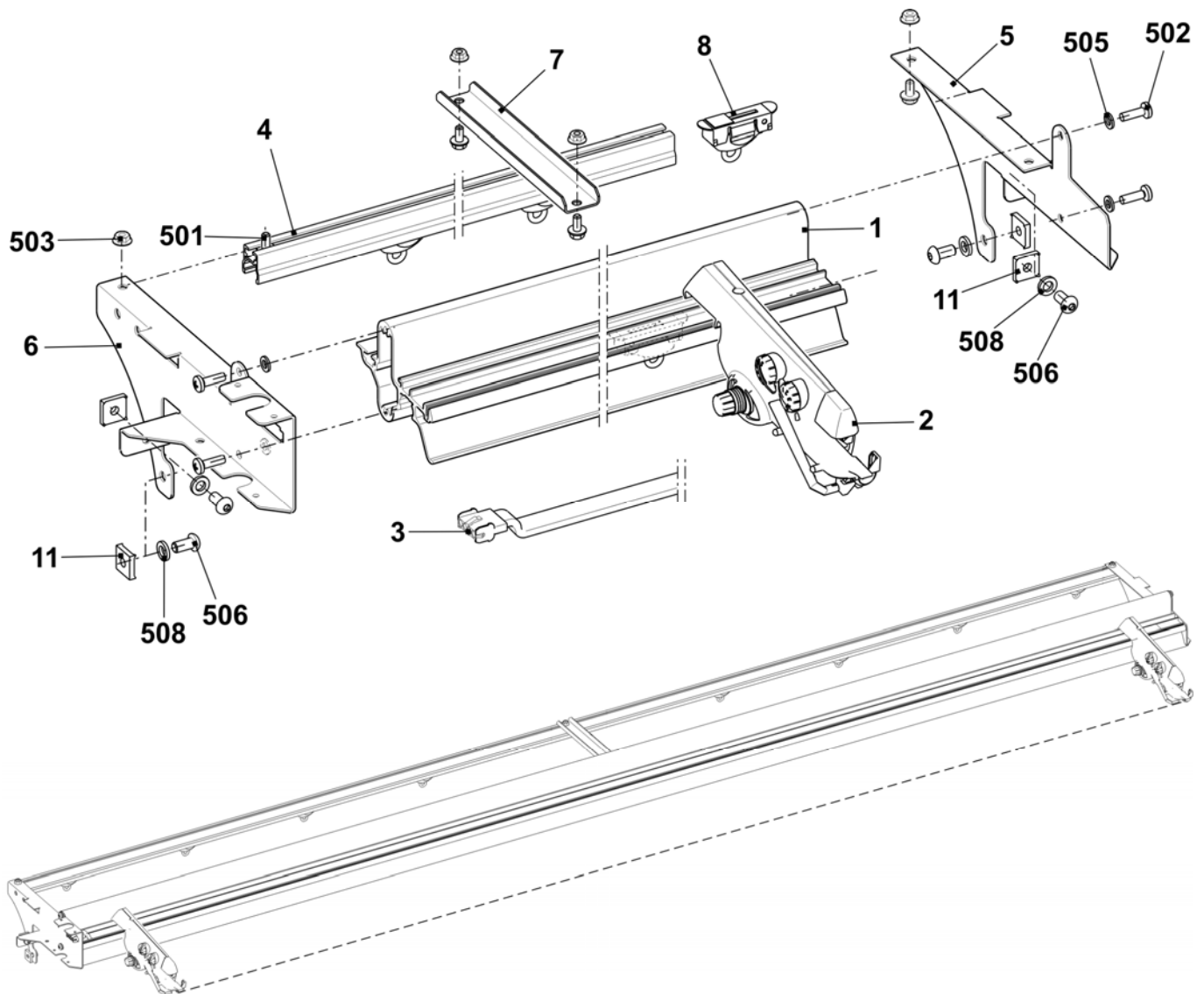


Yarn delivery device



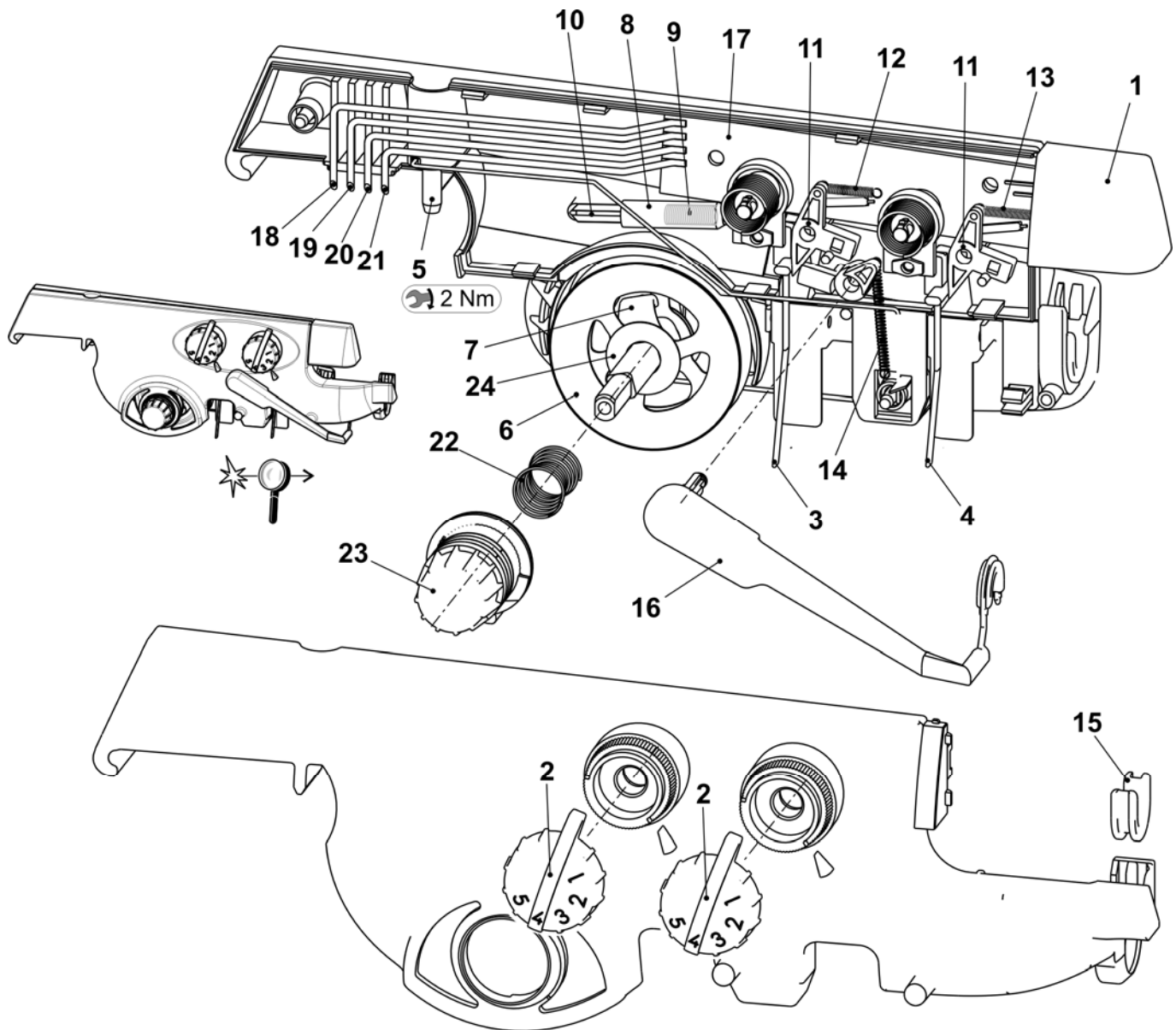
Yarn guide system from 12 up to 16 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide system 12 FKE	241 589	7	Support	243 792
	Yarn guide system 14 FKE	241 587	8	Yarn guide bracket complete	241 581
	Yarn guide system 16 FKE	241 550	11	Sliding block	228 851
1	Support 50"	243 110	501	Self-locking screw M6x12	023 415
2	Yarn control device (FKE)	237 124	502	Screw M6x20	023 721
3	Connection cable FKE	254 056	503	Ribbed safety nut M6-10	023 414
4	Yarn guide bar	240 324	505	U-washer 6-200	022 431
5	Support on the right	251 629	506	Pan-head screw M8x16	023 113
6	Support on the left	251 630	508	Serrated lock washer	023 388



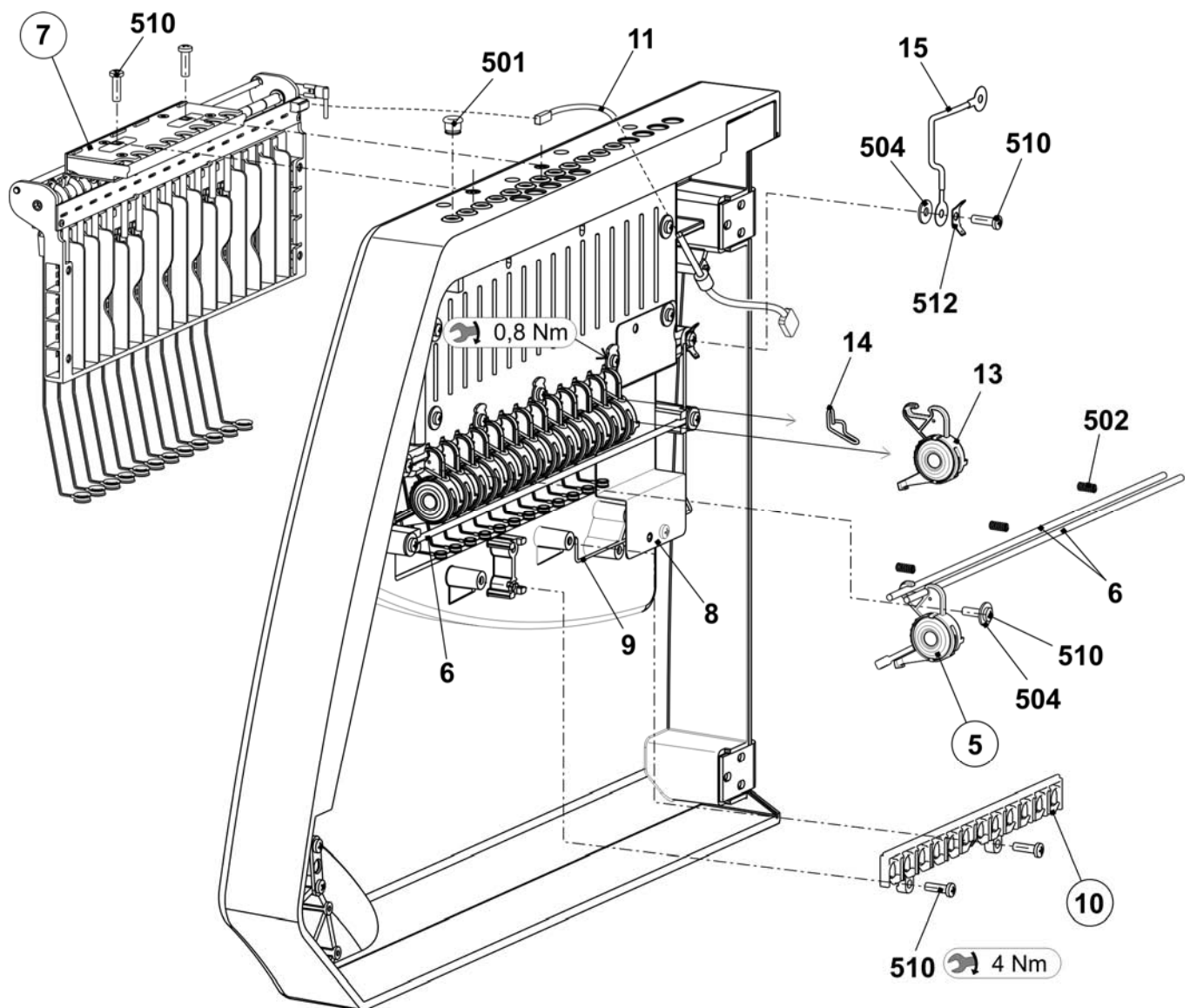
Yarn control unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn control unit	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Rotary knob	251 167	14	Tension spring	253 041
3	Knot sensor big	251 168	15	Ceramic eyelet open	240 733
4	Knot sensor little	251 169	16	Turn off bow	253 043
5	Screw	251 170	17	Printed board	253 046
6	Yarn brake disk	216 365	18	Connector pin	253 047
7	Yarn holder	244 407	19	Connector pin	253 048
8	Sleeve	253 034	20	Connector pin	253 049
9	Compression spring	253 035	21	Connector pin	253 050
10	Pin	253 036	22	Compression spring	253 055
11	Trip cam	253 037	23	Rotary knob	253 056
12	Tension spring	253 038	24	Disc	253 057



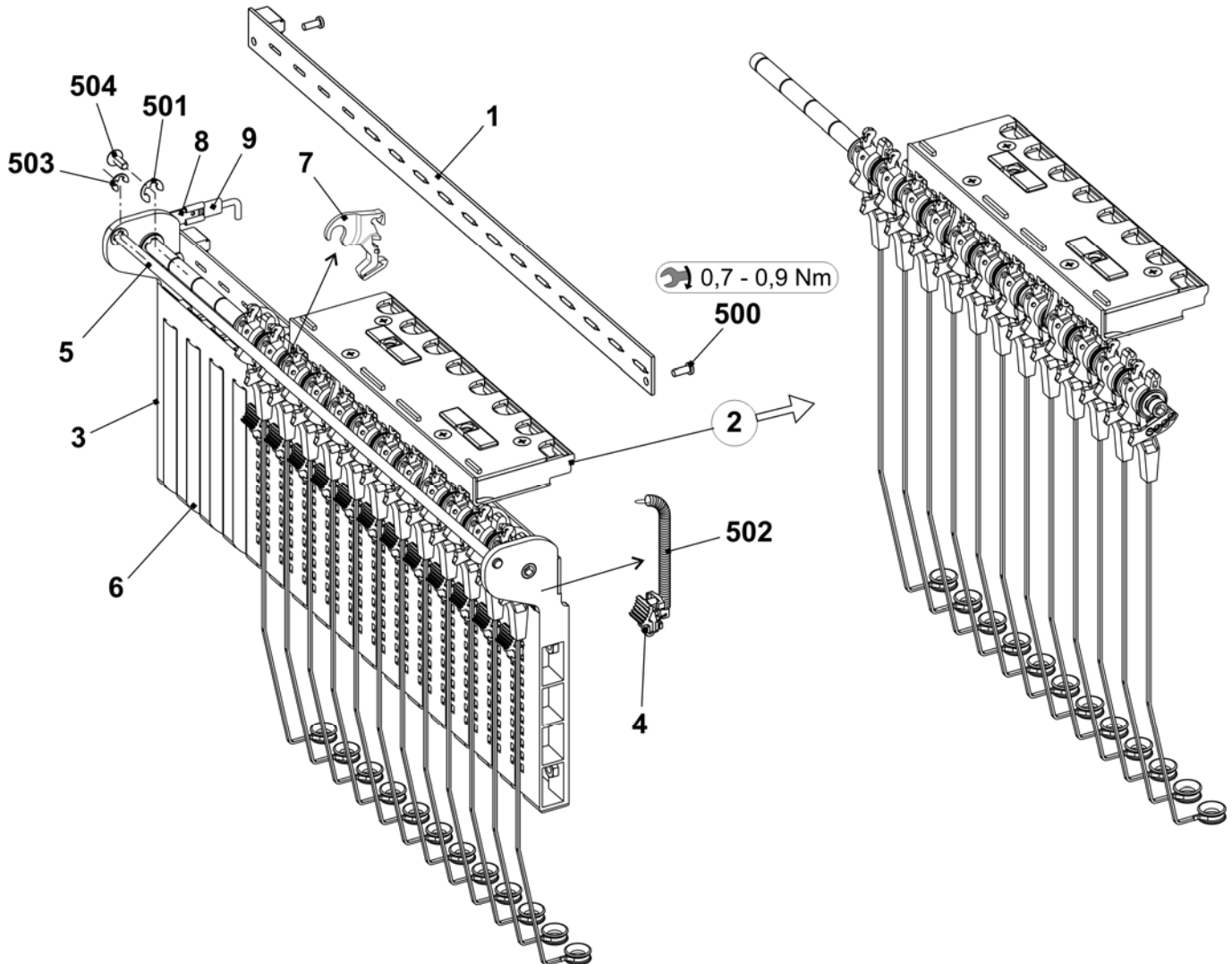
Left yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the left complete		9	Wire bow on the left	241 370
	E3 + E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 271	10	Yarn deflector	242 011
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 272	11	Connection cable yarn tensioner OKC	240 808
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	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 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 363	502	Compression spring 0.90x5.40x13.60	241 360
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 364	504	U-washer 6	022 537
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 365	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



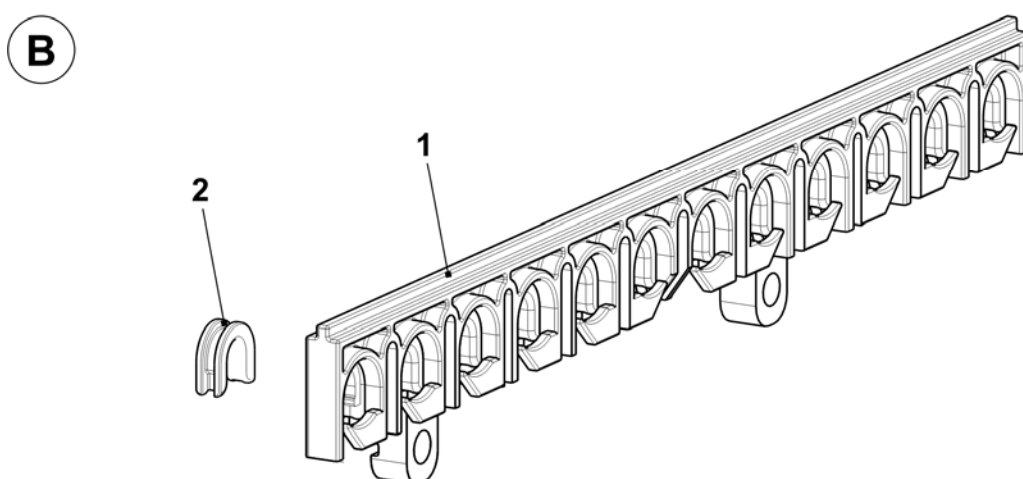
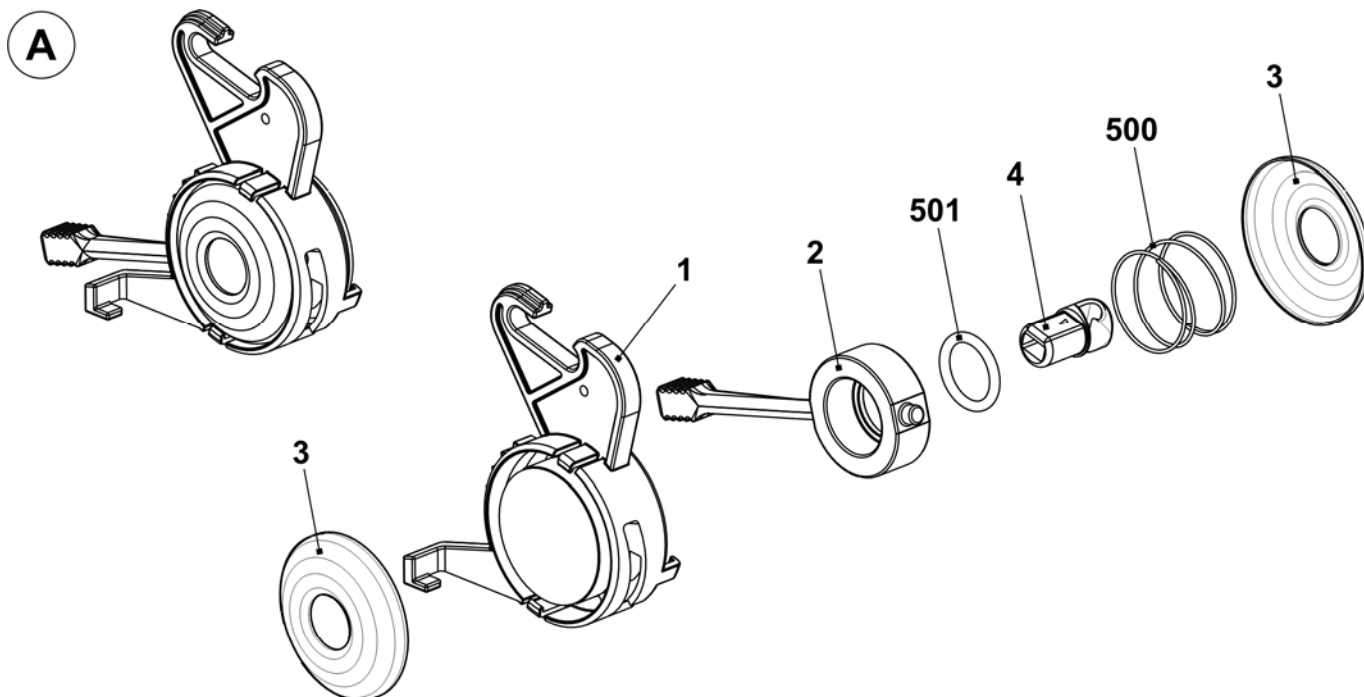
Left yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the left complete		6	Cover	242 268
	E3 + E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 363	7	Spacer	242 048
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 364	8	Grounding sheet metal of tension axle	243 121
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 365	9	Ground cable yarn tensioner OKC	243 105
1	Card yarn 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 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	241 366	502	Tension spring 5,05x0,55x53 E3-5 (E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	023 502
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 381		Tension spring 4,9x0,5x53 E7 + E8 + E6.2 + E7m.8 + E 8m.7	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



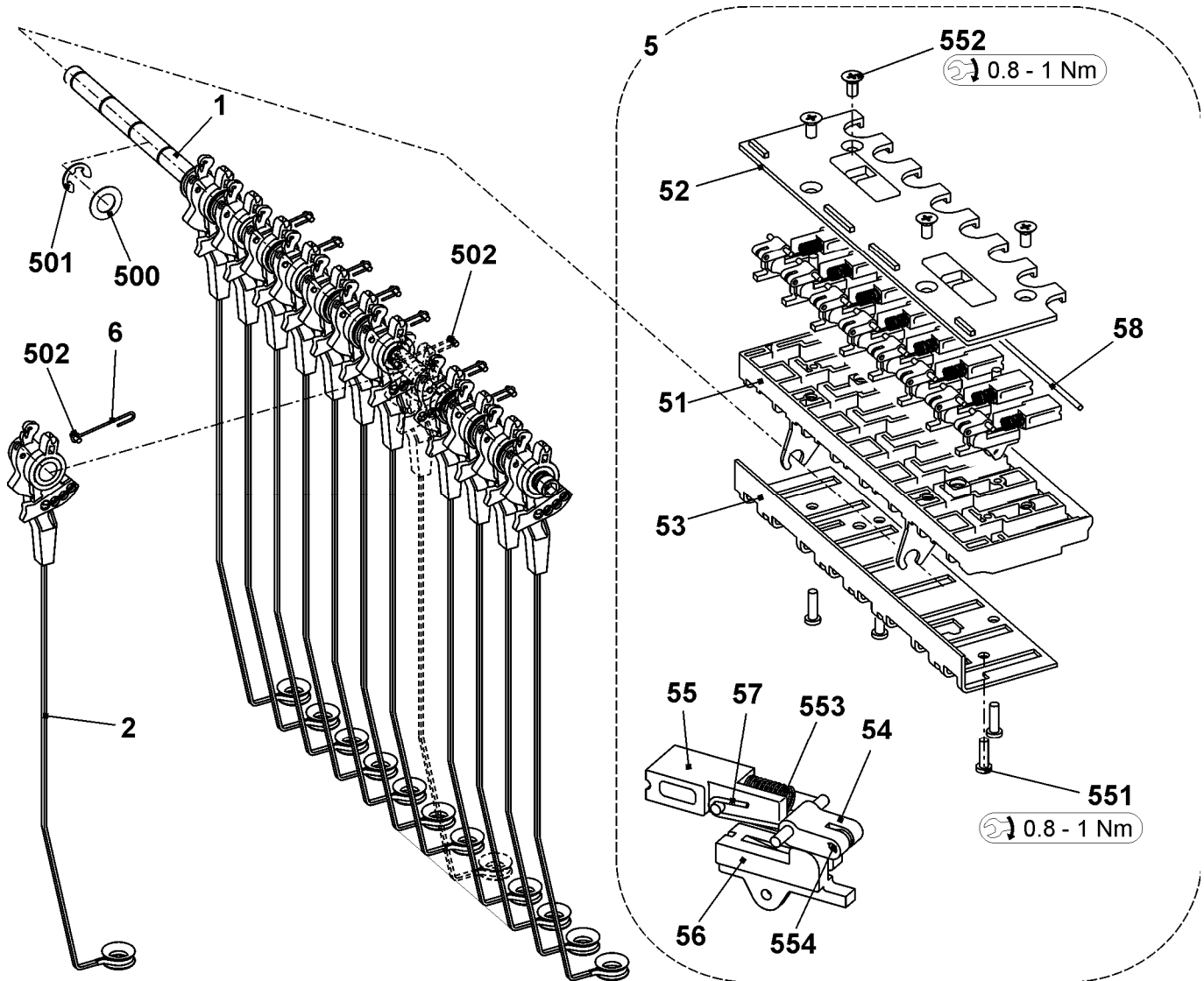
Yarn brake and yarn deflector

Pos	Designation	ID	Pos	Designation	ID
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 disk	244 355			
4	Ceramic eyelet open	243 778			
500	Compression spring 0.65x20.15x14.80	241 361			
501	O-ring 11x2	241 434			



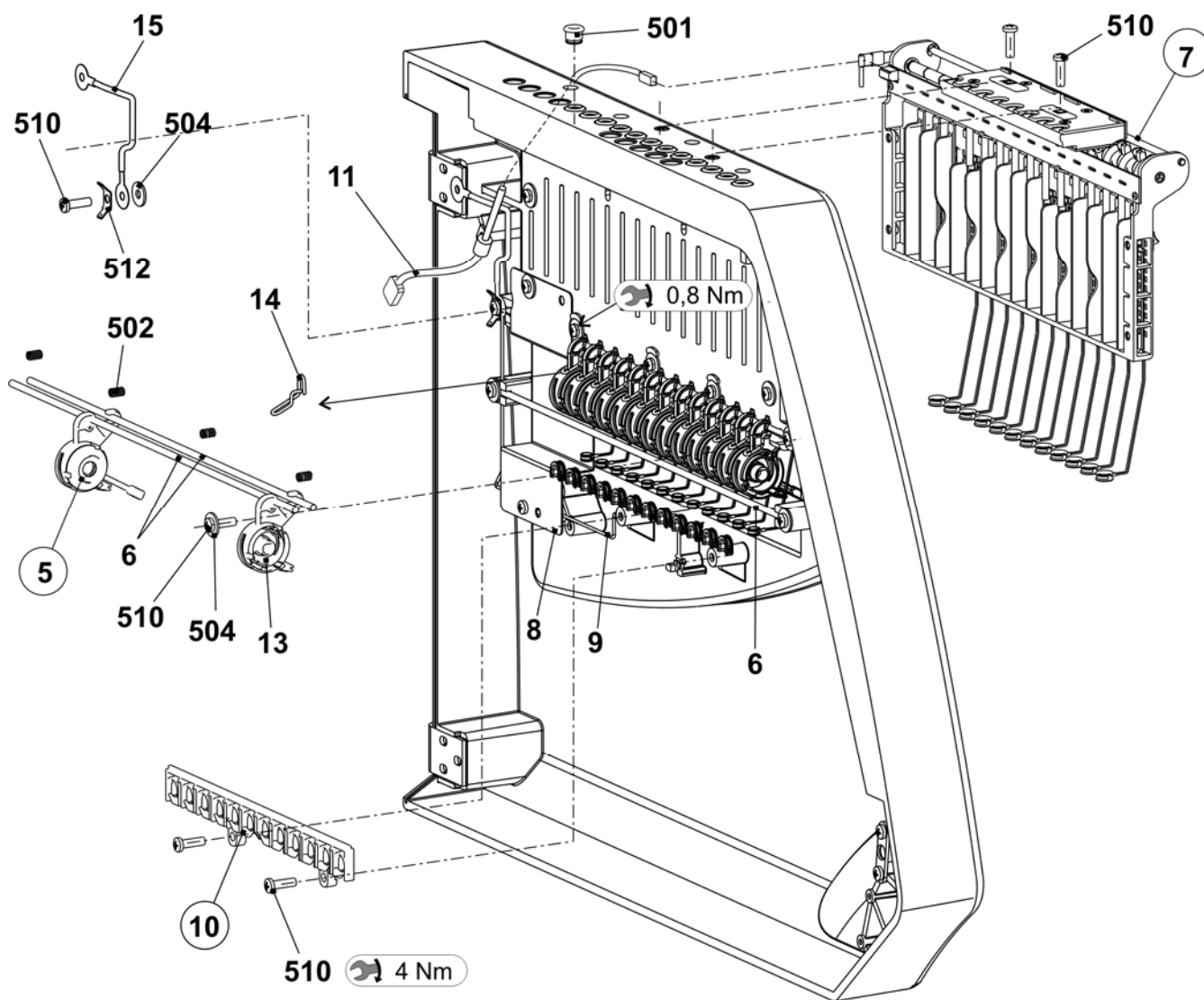
Left tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left complete		502	Grooved pin 2x6	243 172
	E3 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	241 366	5	Thread clamp AKF	238 695
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 381	51	Housing AKF	238 689
1	Axle	243 107	52	Cover AKF	237 926
2	Tension arm pre-assembled		53	Sheet metal at the bottom (housing AKF)	240 719
	E3 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	242 770	54	Lever AKF	238 692
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	242 771	55	Thrust piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0.5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



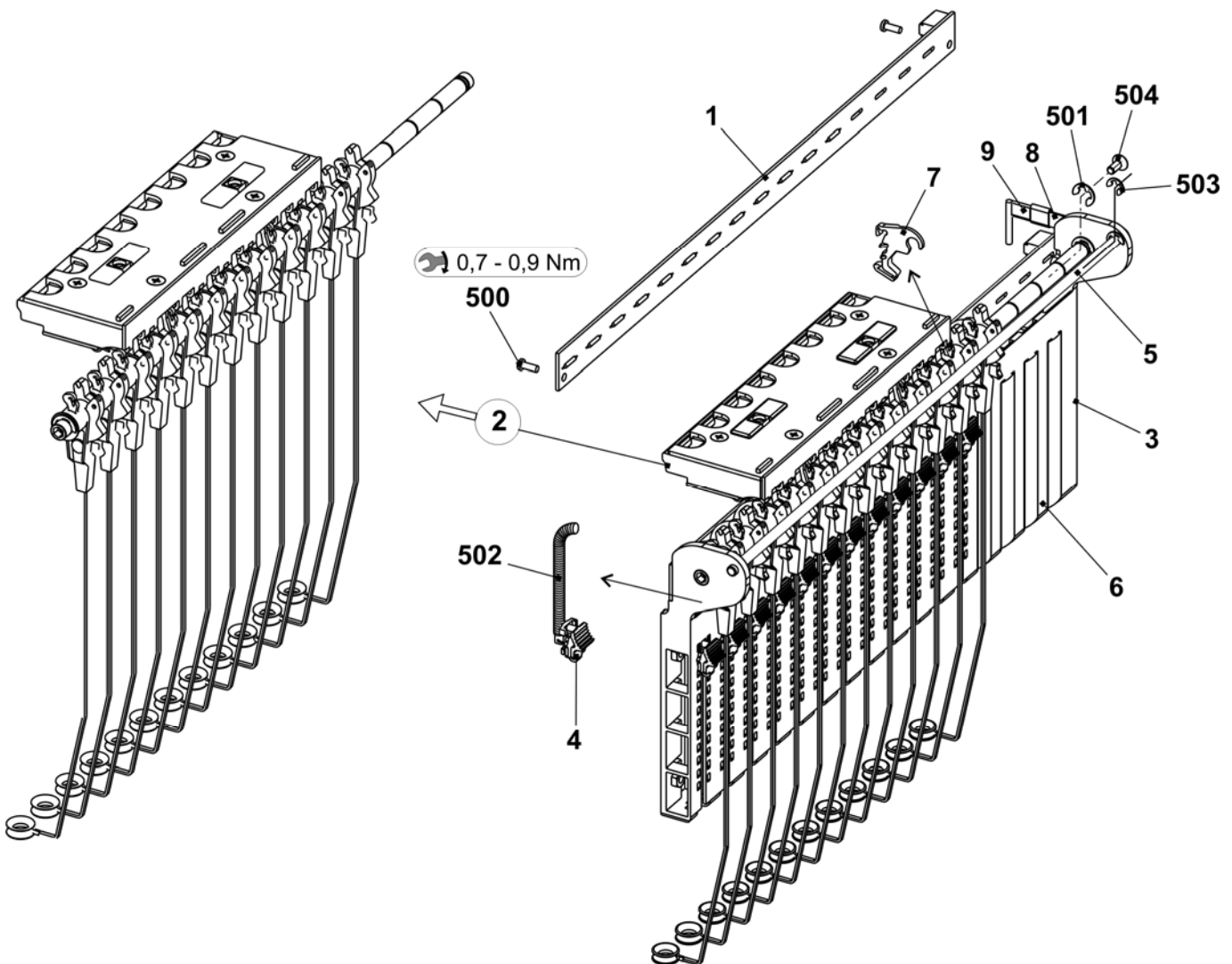
Right yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the right complete		9	Wire bow on the right	241 369
	E3 + E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 274	10	Yarn deflector	242 011
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 275	11	Connection cable yarn tensioner OKC	240 808
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	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 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 382	502	Compression spring 0.90x5.40x13.60	241 360
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 383	504	U-washer 6	022 537
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 384	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



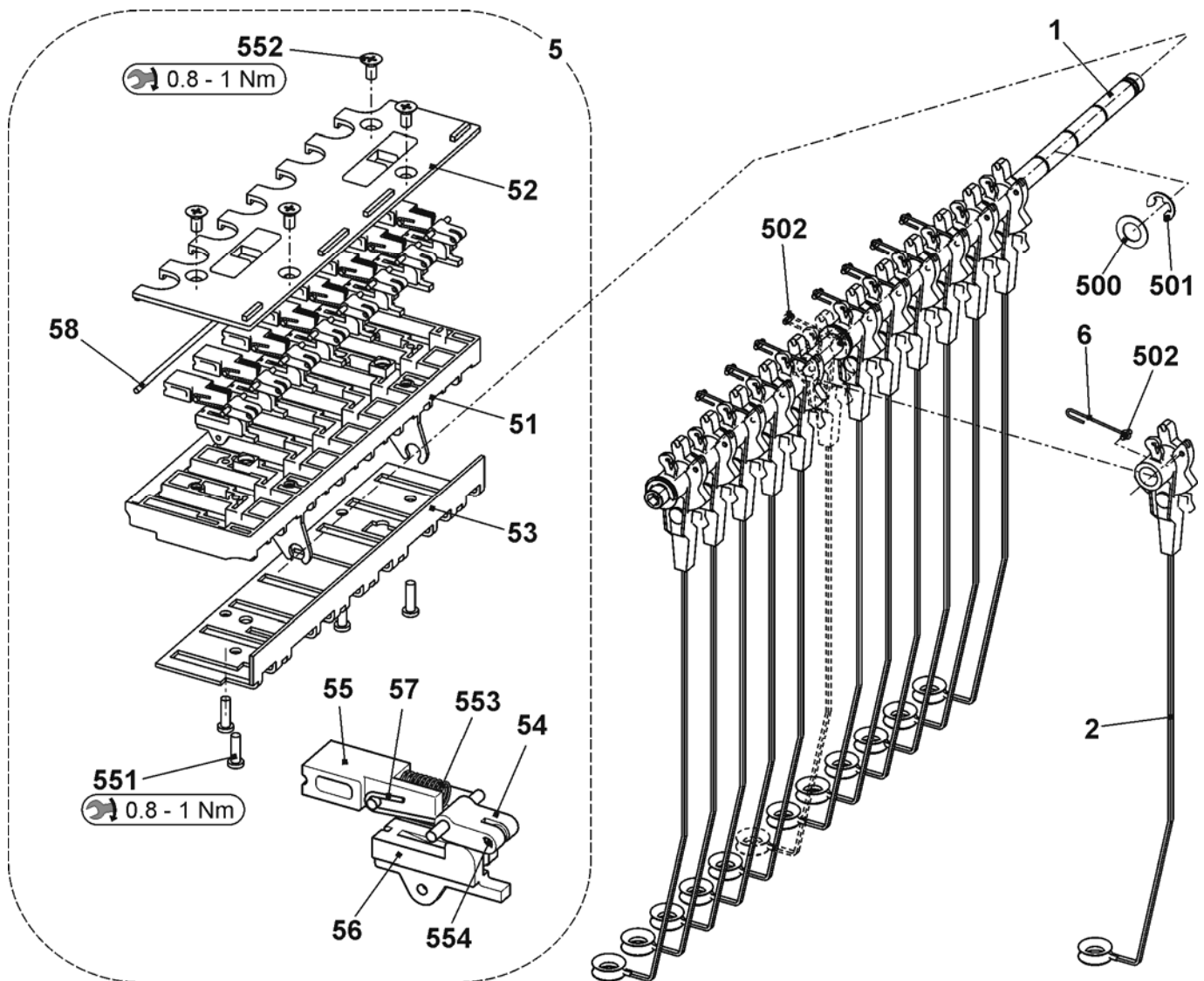
Right yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the right		6	Cover	242 268
	E3 + E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5	241 382	7	Spacer	242 048
	E7 + E8 + E6.2 + E7m.8 + E8m.7	241 383	8	Grounding sheet metal of tension axle	243 121
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 384	9	Ground cable yarn tensioner OKC	243 105
1	Card yarn 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 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	241 379	502	Tension spring 5,05x0,55x53 E3-5 (E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5)	023 502
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 380		Tension spring 4,9x0,5x53 E7 + E8 + E6.2 + E7m.8 + E 8m.7	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



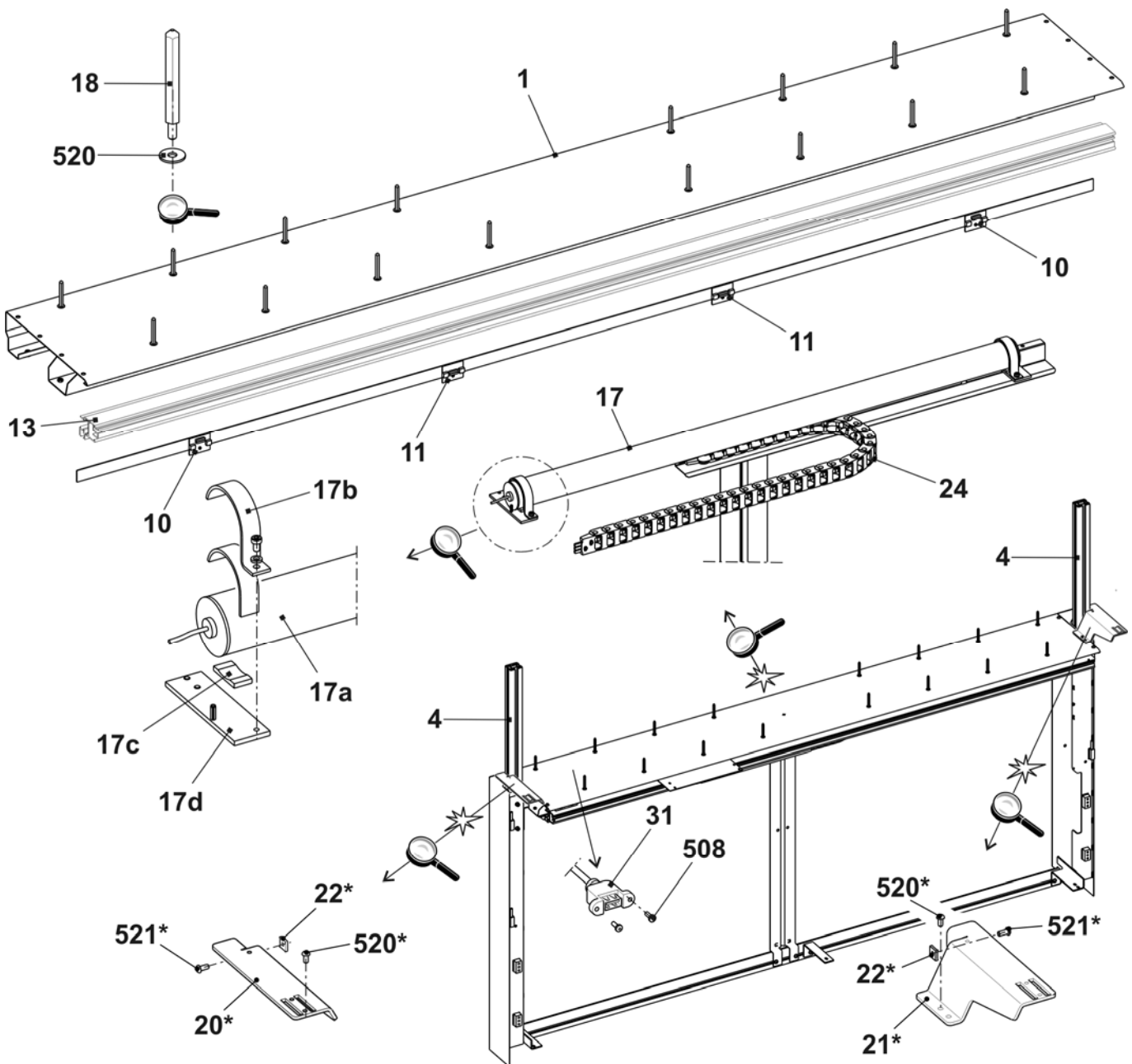
Right tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right complete		502	Grooved pin 2x6	243 172
	E3 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	241 379	5	Thread clamp AKF	238 695
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	241 380	51	Housing AKF	238 689
			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 + E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	242 770	55	Thrust piece AKF	238 690
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2 + E9.2 + 10m.12 + E6.2(12m.10) + E14/12	242 771	56	Slider AKF	238 691
			57	Wire bow	238 694
6	Wire bow	238 694	58	Wire	237 940
500	Shim ring 8x14x0.5	023 501	551	Screw KB 35x12	237 681
501	Circlip	021 022	552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



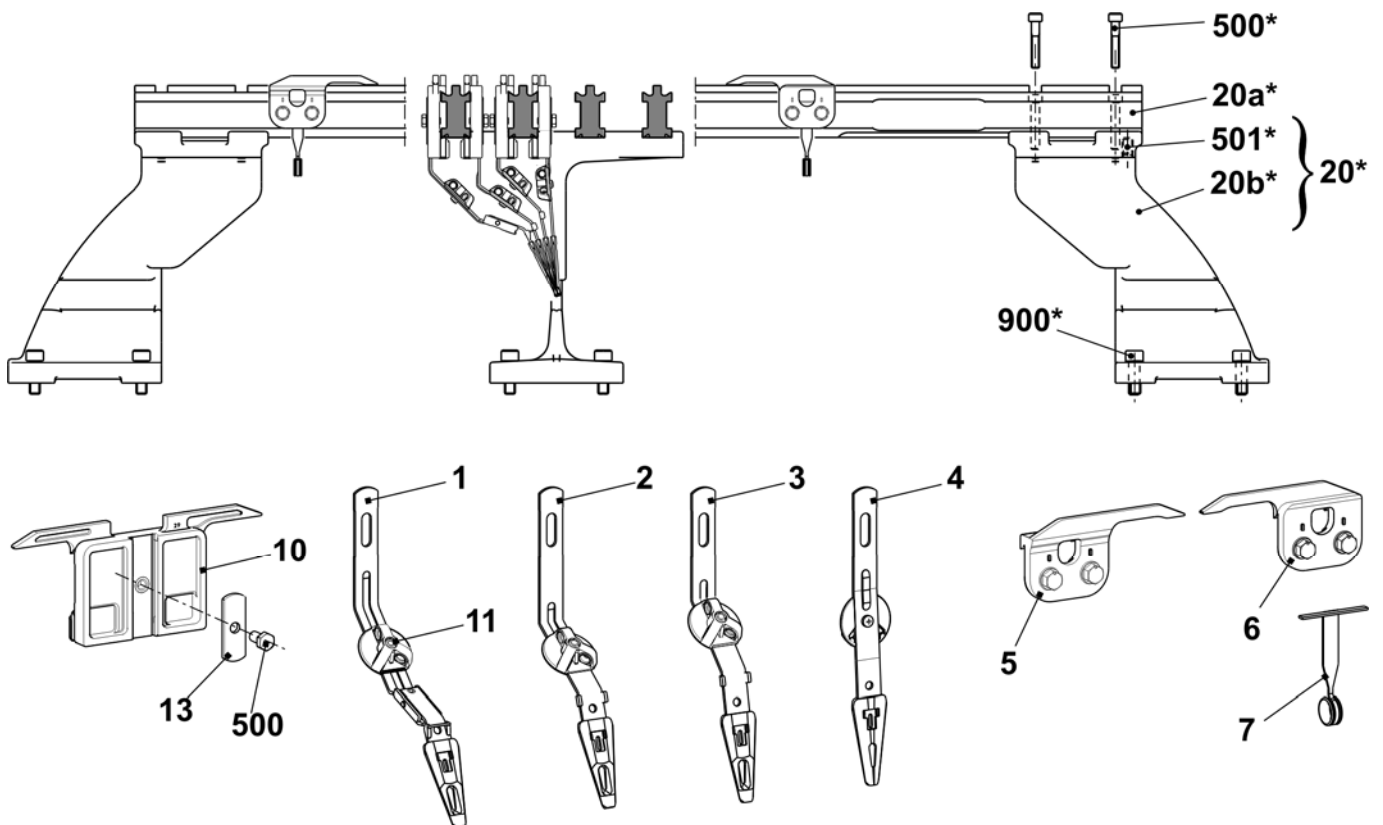
Bobbin board

Pos	Designation	ID	Pos	Designation	ID
Σ	Table complete 50"	251 357			
1	Table	251 244	18	Positioning pin	204 819
4	Support element	228 594	24	Energy chain display (38 links)	253 888
10	Magnet switch protective hood	219 983	31	Cable USB extension	253 706
11	Magnet switch protective hood	220 159	508	Countersunk screw M3x8	023 251
13	Guide rail at the top complete	240 251	520	U-washer	020 901
17	Lamp at the top complete	222 509	20*	Support of left feed wheel	250 966
17a	Lamp 230 V 50/60 Hz	205 546	21*	Support of right feed wheel	250 967
17b	Clamping bow	209 504	22*	Sliding block	228 851
17c	Cellular caoutchouc 40x20	208 018	520*	Countersunk screw M8x16	023 113
17d	Lamp support	221 951	521*	Countersunk screw M8x18	251 331



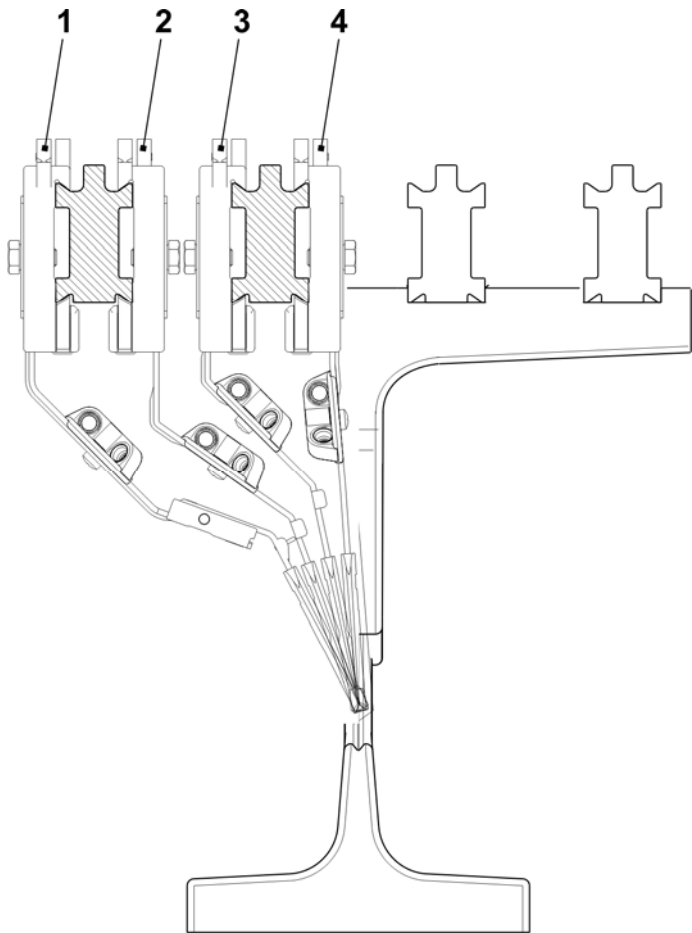
Yarn carrier and guide rails

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete			E5 (E5m.4/ 7m.5/ E2,5.2/E3,5.2/E5.2)	
	E5 (E5m.4/ E7m.5/ E2,5.2/E3,5.2/E5.2)	244 007	1	YC bow 1+8 complete E5	212 990
	E7 - E8 (E6.2/ E7.2)	244 008	2	YC bow 2+7 complete E5	212 992
	E10-14 (E10m.12) /E14/12/ E6.2(12m.10)/7.2)	244 009	3	YC bow 3+6 complete E5	212 991
	E16-18 (E8.2/9.2)	244 010	4	YC bow 4+5 complete E5	212 993
5	Limiter on the left complete	244 099		E7-8 (E3,5.2/6.2/7.2/7m.5/7m.8/8m.7)	
6	Limiter on the right complete	244 098	1	YC bow 1+8 complete E7-8	212 892
7	Slider with eyelet	230 709	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)/7.2/8.2)	
500	Hexagon screw M5x10	020 351	1	YC bow 1+8 complete E10-14	212 994
20*	Bar unit	250 971	2	YC bow 2+7 complete E10-14	212 996
	20a* Yarn carrier bar	240 282	3	YC bow 3+6 complete E10-14	212 995
	20b* YC support	250 010	4	YC bow 4+5 complete E10-14	212 997
	500* Cap screw M6x35	020 139		E16 - E18 (E9.2)	
	501* Set screw M8x12	022 975	1	YC bow 1+8 complete E16-18	223 199
	900* Cap screw M8X25	020 142	2	YC bow 2+7 complete E16-18	223 201
			3	YC bow 3+6 complete E16-18	223 200
			4	YC bow 4+5 complete E16-18	223 202



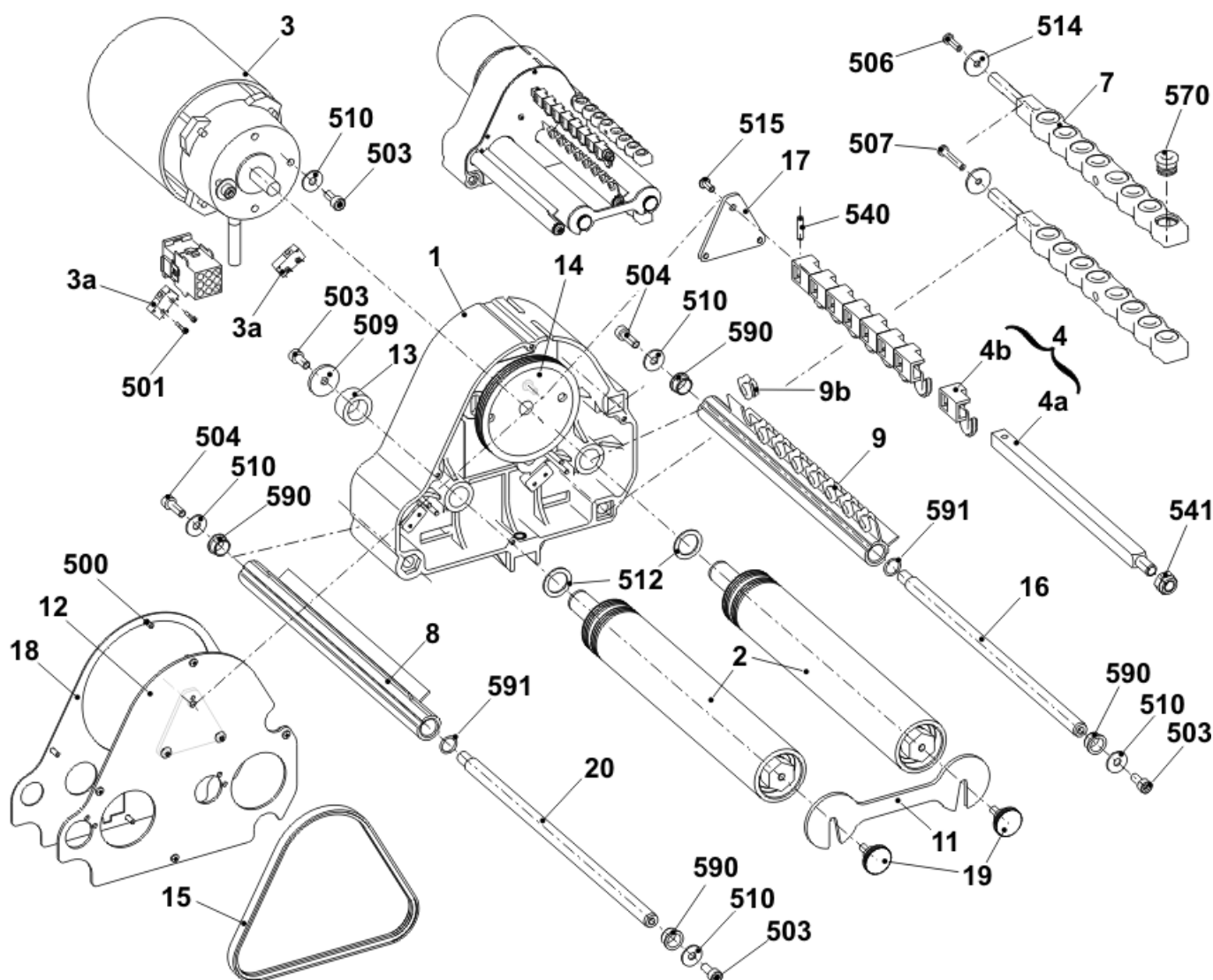
Complete yarn carriers

Pos	Designation	Track	ID	Pos	Designation	Track	ID
E5 (E5m.4/7m.5/3,5.2/5.2)				E10 – E14 (E10m.12/6.2(12m.10)/7.2/8.2)			
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 (E7m.8/8m.7/6.2)				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



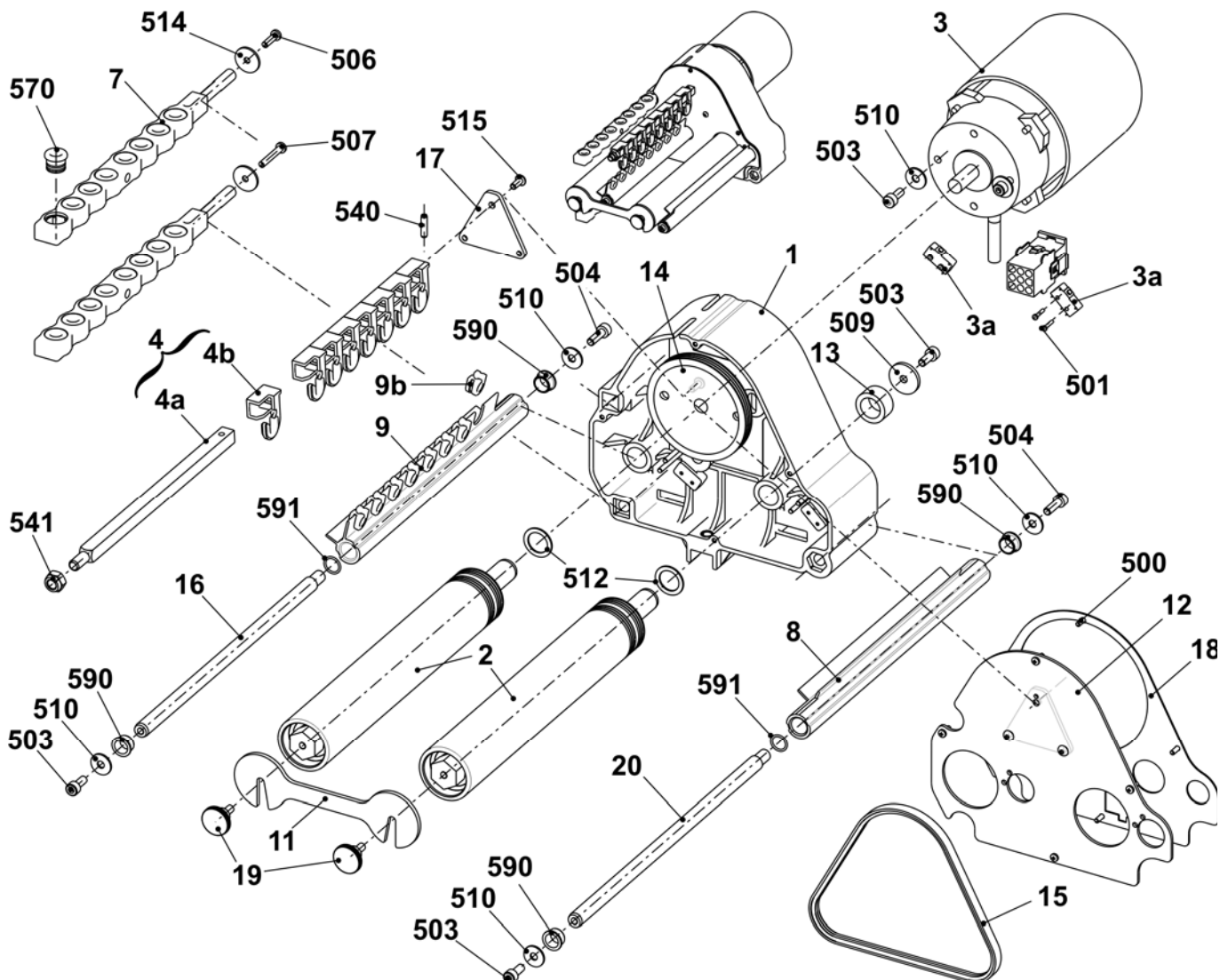
Left friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the left complete	243 571	13	Bush	221 391
1	Housing	240 368	14	Ribbed V-belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt pulley V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	17	Supporting plate	251 096
4	Deflector complete 8-fold	250 089	18	Cover	230 758
4a	Support rail	250 055	19	Knurled screw	223 361
4b	Eyelet holder complete	250 077	20	Rod	230 658
540	Spring dowel sleeve 4x15	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	244 736
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the left complete with eyelets	230 683	507	Screw KB 40x25	241 595
9b	Eyelet	230 662	509	Washer 5.3x22x2.5	023 219
590	Slide bearing	023 627	510	U-washer 5	020 901
591	O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	U-washer 4,3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450

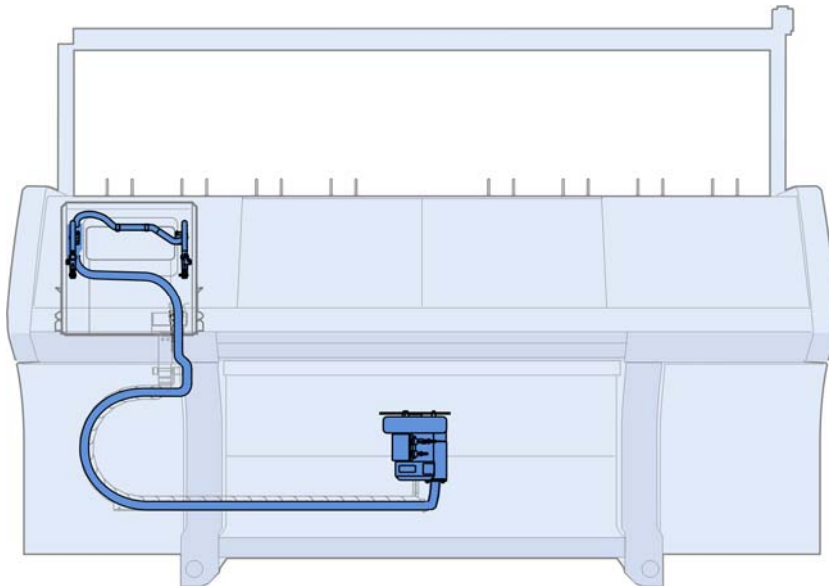


Right friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the right complete	243 572	13	Bush	221 391
1	Housing	240 368	14	Ribbed V-belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt pulley V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	17	Supporting plate	251 096
4	Deflector complete 8-fold	250 089	18	Cover	230 758
4a	Support rail	250 055	19	Knurled screw	223 361
4b	Eyelet holder complete	250 077	20	Rod	230 658
540	Spring dowel sleeve 4x15	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	244 736
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the right complete with eyelets	230 682	507	Screw KB 40x25	241 595
9b	Eyelet	230 662	509	Washer 5.3x22x2.5	023 219
590	Slide bearing	023 627	510	U-washer 5	020 901
591	O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	U-washer 4,3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450

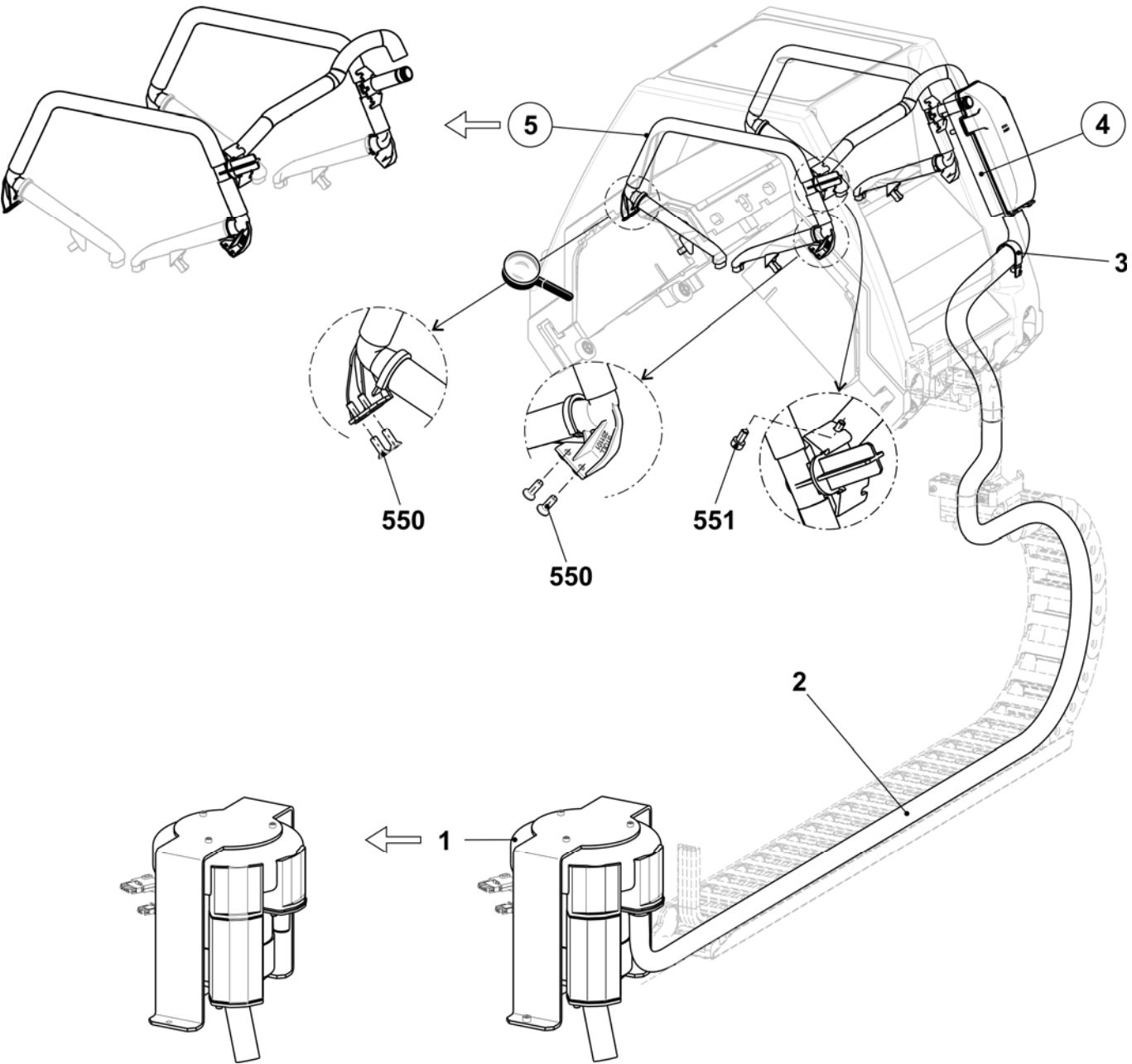


Fluff absorption



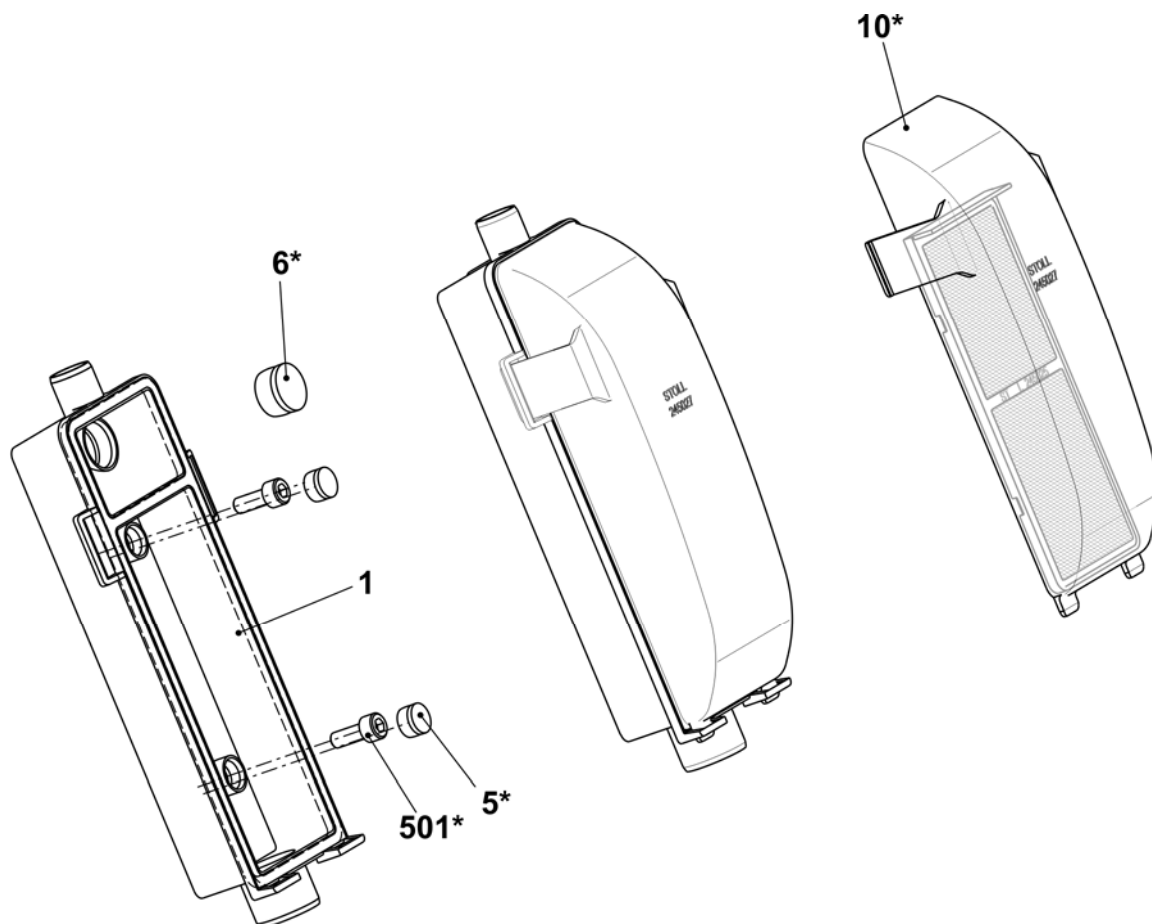
Fluff absorption

Pos	Designation	ID	Pos	Designation	ID
Σ	Fluff absorption				
1	Suction fan complete	251 332	5	Set of tubes complete 520	251 338
2	Suction hose 29x25x2800	252 627	550	Countersunk head screw M4x8	251 011
3	Cable clip	250 051	551	Cap screw M4x8	022 501
4	Lint container	245 024			



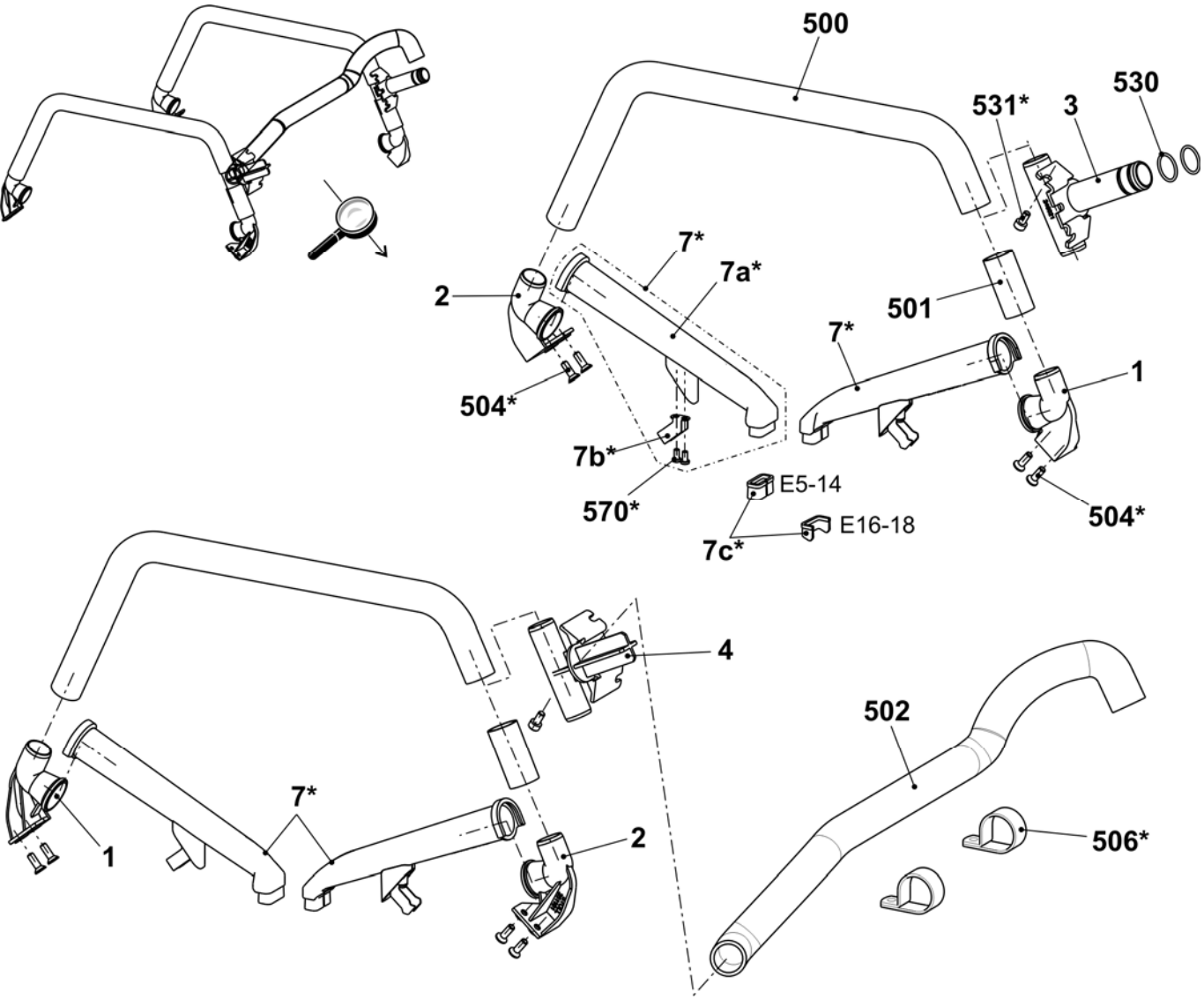
Lint container

Pos	Designation	ID	Pos	Designation	ID
Σ	Lint container		6*	Sealing plug	245 029
1	Lint container	245 024	10*	Cover with filter	251 335
5*	Sealing plug	245 028	501*	Cap screw M6x10	023 690

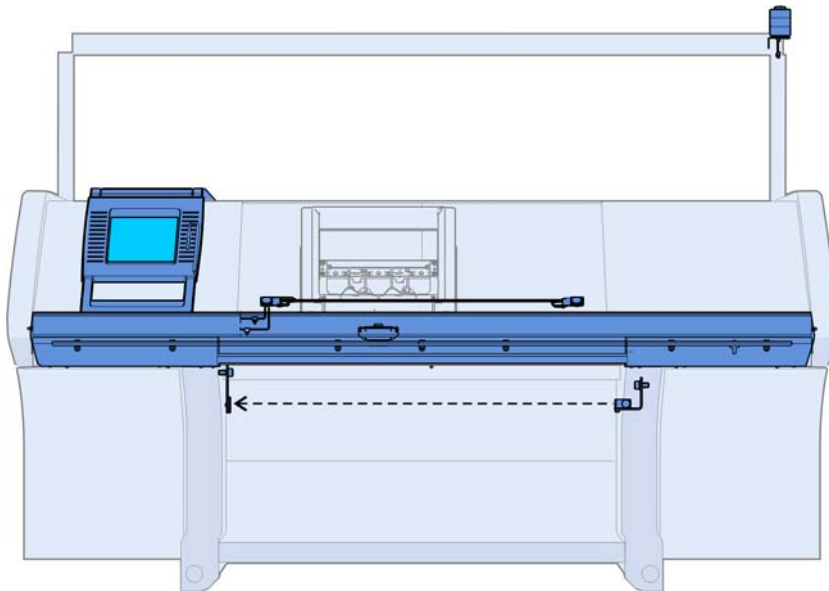


Set of tubes

Pos	Designation	ID	Pos	Designation	ID
Σ	Set of tubes complete 520	251 338			
1	Angle connection on the right	250 121	7a*	Suction tube	250 120
2	Angle connection on the left	251 101	7b*	Bracket	250 117
3	T-piece FLENT	245 021	7c*	Brush (E5-14)	251 041
		245 021		Brush (E16-18)	251 042
	530 O-ring 15x1.5	250 054	500	Suction hose 20x16x440	244 983
	531* Cap screw M4x8	022 501	501	Suction hose 20x16x40	251 043
4	Connection piece Flent	245 022	502	Suction hose 20x16x420	251 045
7*	Suction tube complete (E5-14)	251 310	504*	Countersunk head screw M4x12	023 062
	Suction tube complete (E16-18)	251 311	506*	Cable clip	250 051

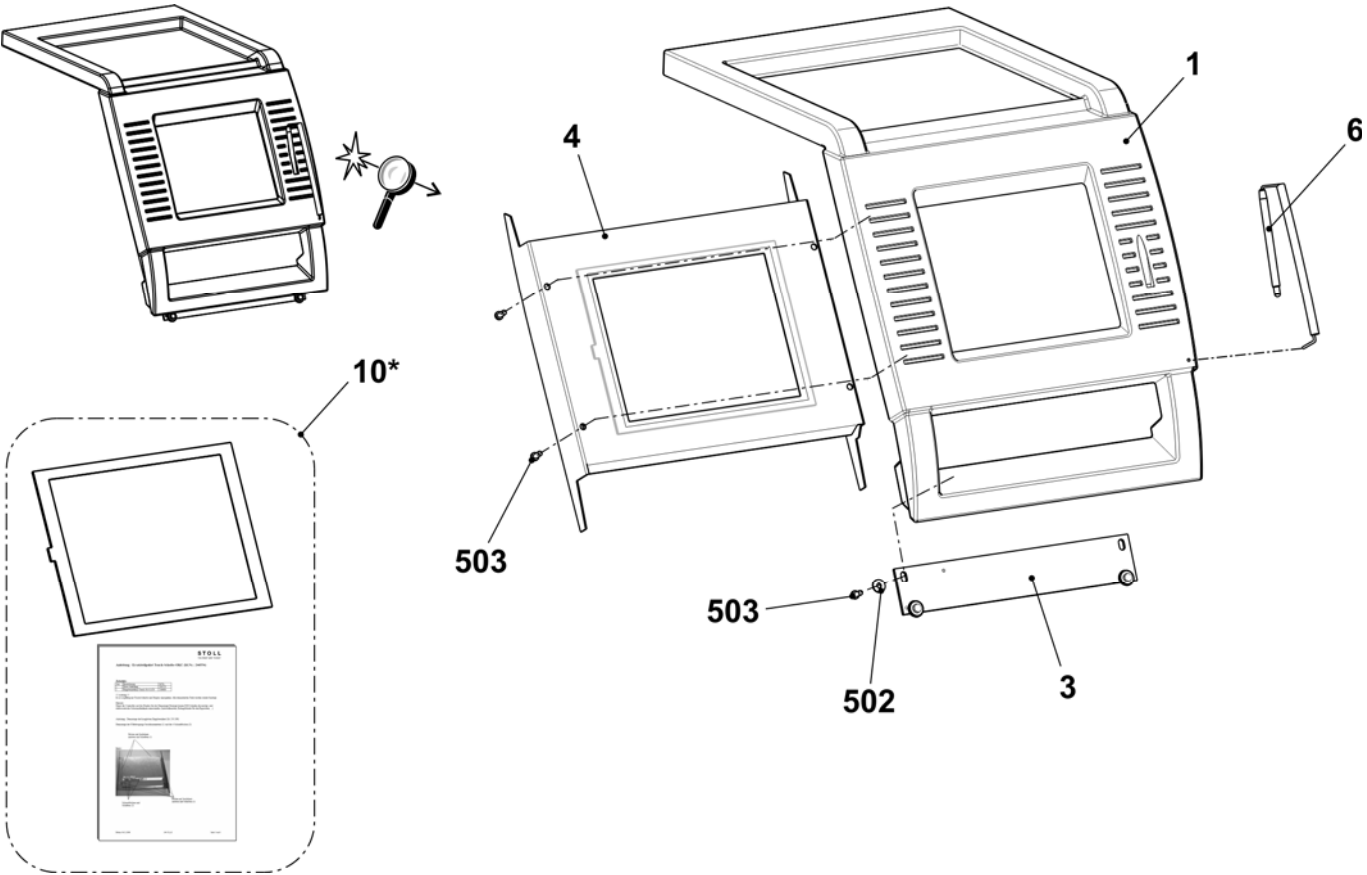


Operation and control



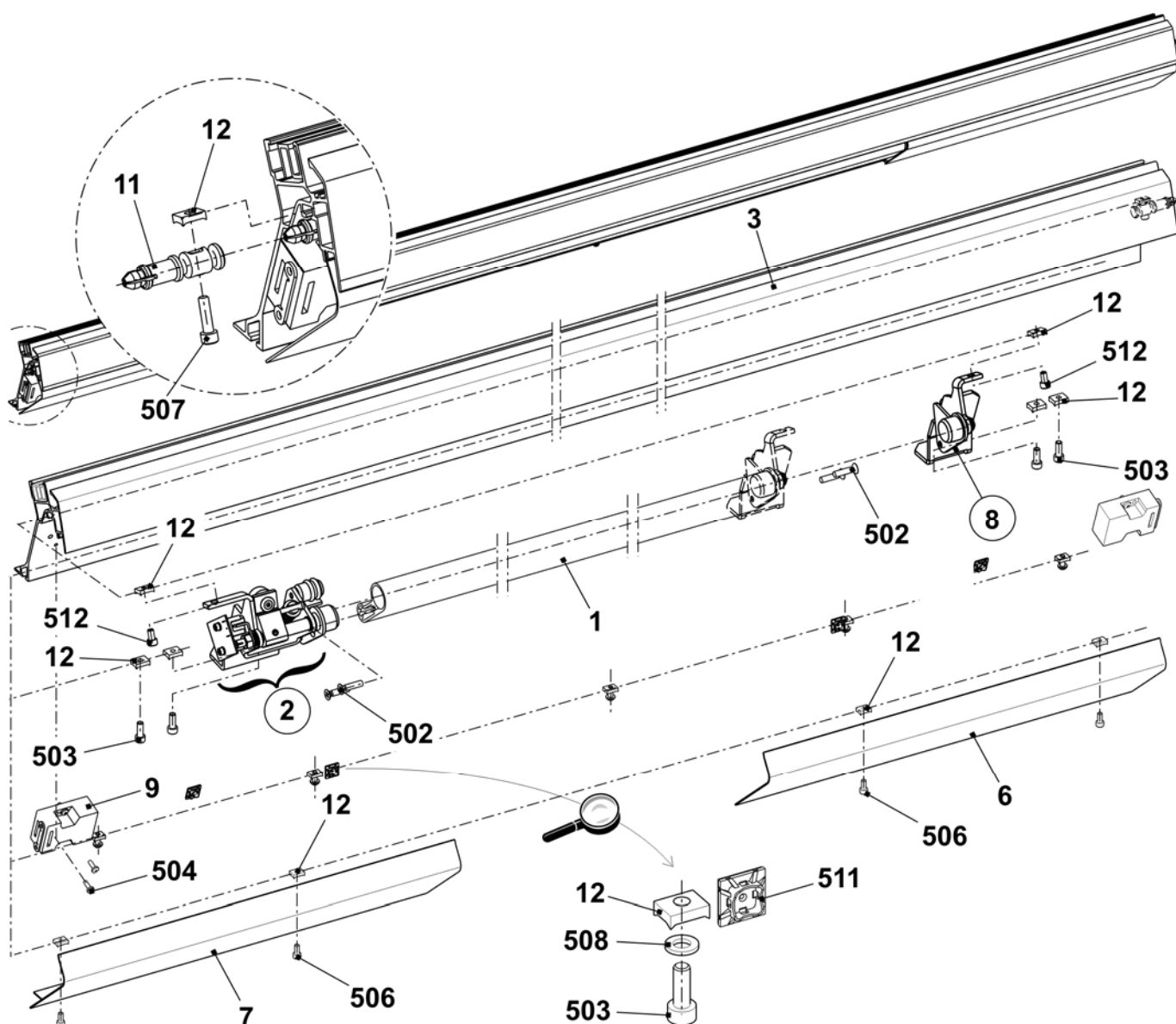
Input unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Input unit complete	240 194	6	Touch pen	242 812
1	Base frame	240 195	10*	Touch panel spare parts package	244 554
3	Bearing strip complete	240 198	502	U-washer	020 901
4	Display touch complete	250 298	503	Screw KB 50x12	240 359



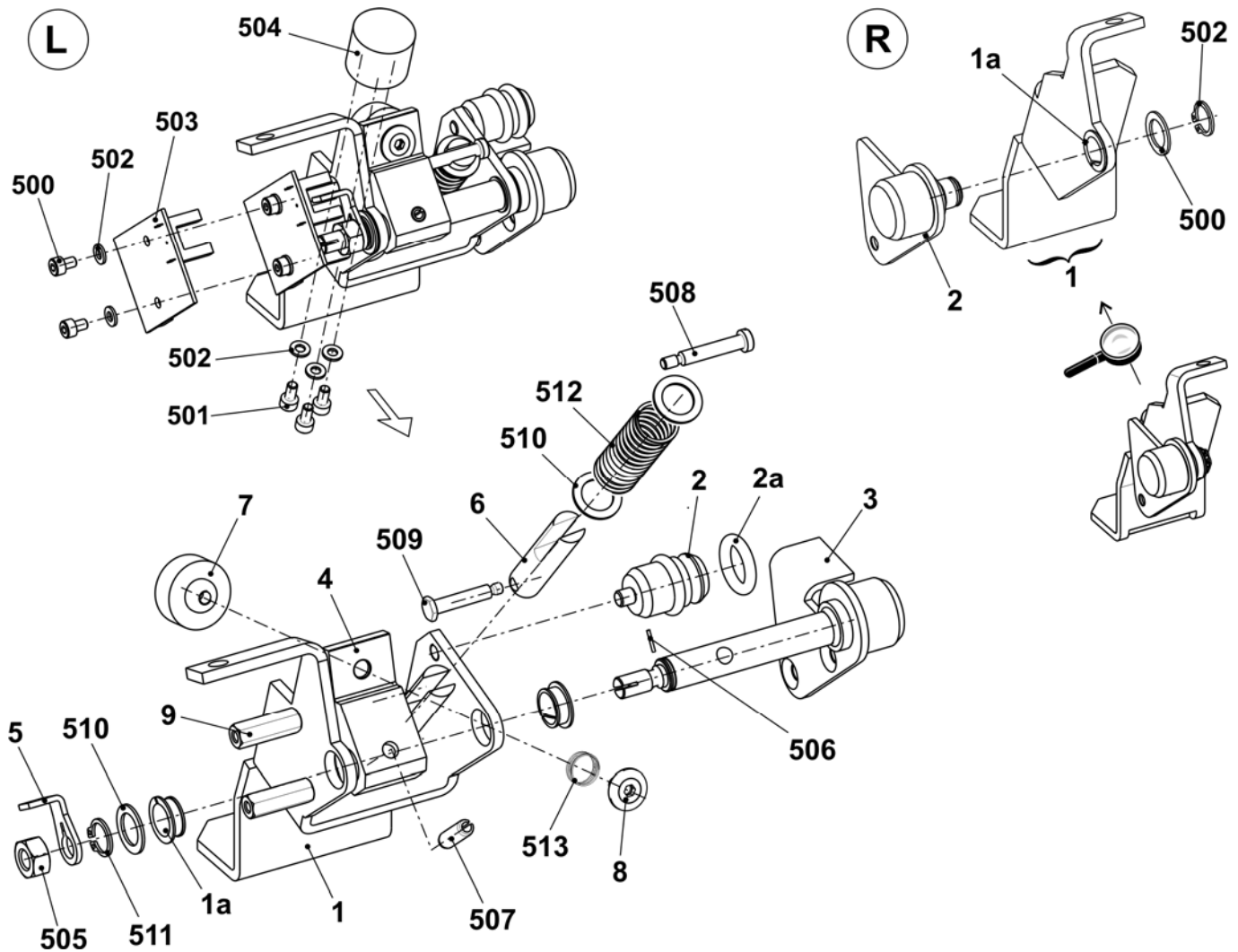
Starting unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Starting unit complete	240 306	12	Sliding nut (sliding block)	225 099
1	Engaging rod	240 227	502	Screw M6x25	023 510
2	Bearing on the left complete	250 071	503	Cap screw M6x16	020 135
3	Guide rail at the bottom complete	251 225	504	Countersunk screw M5x14	023 588
6	Cover plate on the right	250 931	506	Cap screw M6x12	020 134
7	Cover plate on the left	250 932	507	Cap screw M6x20	020 136
8	Bearing on the right complete	252 964	508	U-washer	020 872
9	Switch with cable to protective hoods	223 350	511	Adhesive base	243 055
11	Fixing bolt	219 107	512	Cap screw M6x10	023 690



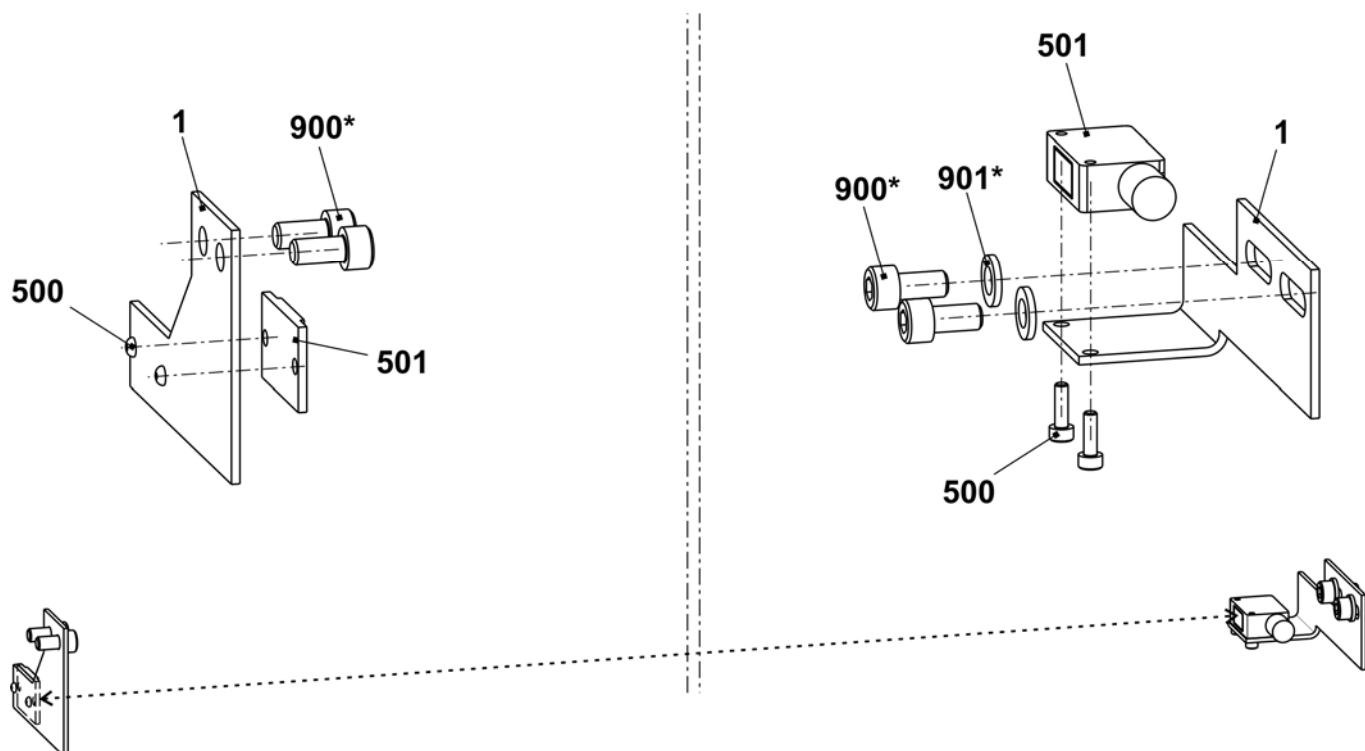
Bearing of the engaging rod

Pos	Designation	ID	Pos	Designation	ID
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM12-04	023 639	506	Dowel pin 1.5x8	236 923
2	Support buffer	220 561	507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237	508	Shoulder screw M4x24.8x7.7	240 299
3	Shaft on the left	245 219	509	Shoulder screw	251 316
4	Rotor	253 776	510	Shim ring 12x18x1	023 315
5	Switch flag	245 220	511	Locking ring 12x1	020 951
6	Spring pin	251 340	512	Compression spring 1.25x15x98.2	023 609
7	Disc	245 222	513	Compression spring 0.5x11x12	251 369
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067	1	Bearing on the right	240 230
501	Cap screw M4x8	022 501	1a	Clip bearing MCM 12-04	023 639
502	Shim ring 4x8x1	023 369	2	Shaft on the right	242 888
503	Card engaging OKC	240 167	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Locking ring 12x1	020 951



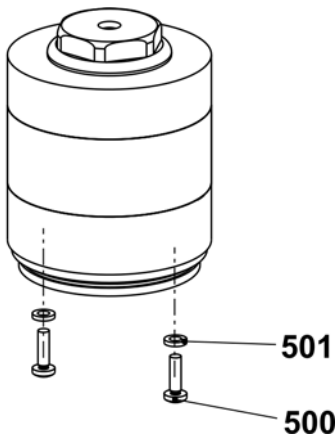
Collecting area - control

Pos	Designation	ID	Pos	Designation	ID
Σ	Reflector complete	253 535	Σ	Photoelectric sensor complete	253 534
1	Mounting plate reflector	243 354	1	Angle support photoelectric sensor	243 353
500	Blind rivet A3x8-Al	023 158	500	Cap screw M3x10	022 991
501	Reflector 20x20 mm	243 356	501	Photoelectric sensor Wl100-P4330	243 355
900*	Cap screw M6x12	020 134	900*	Cap screw M6x12	020 134
			901*	U-washer 6	020 872



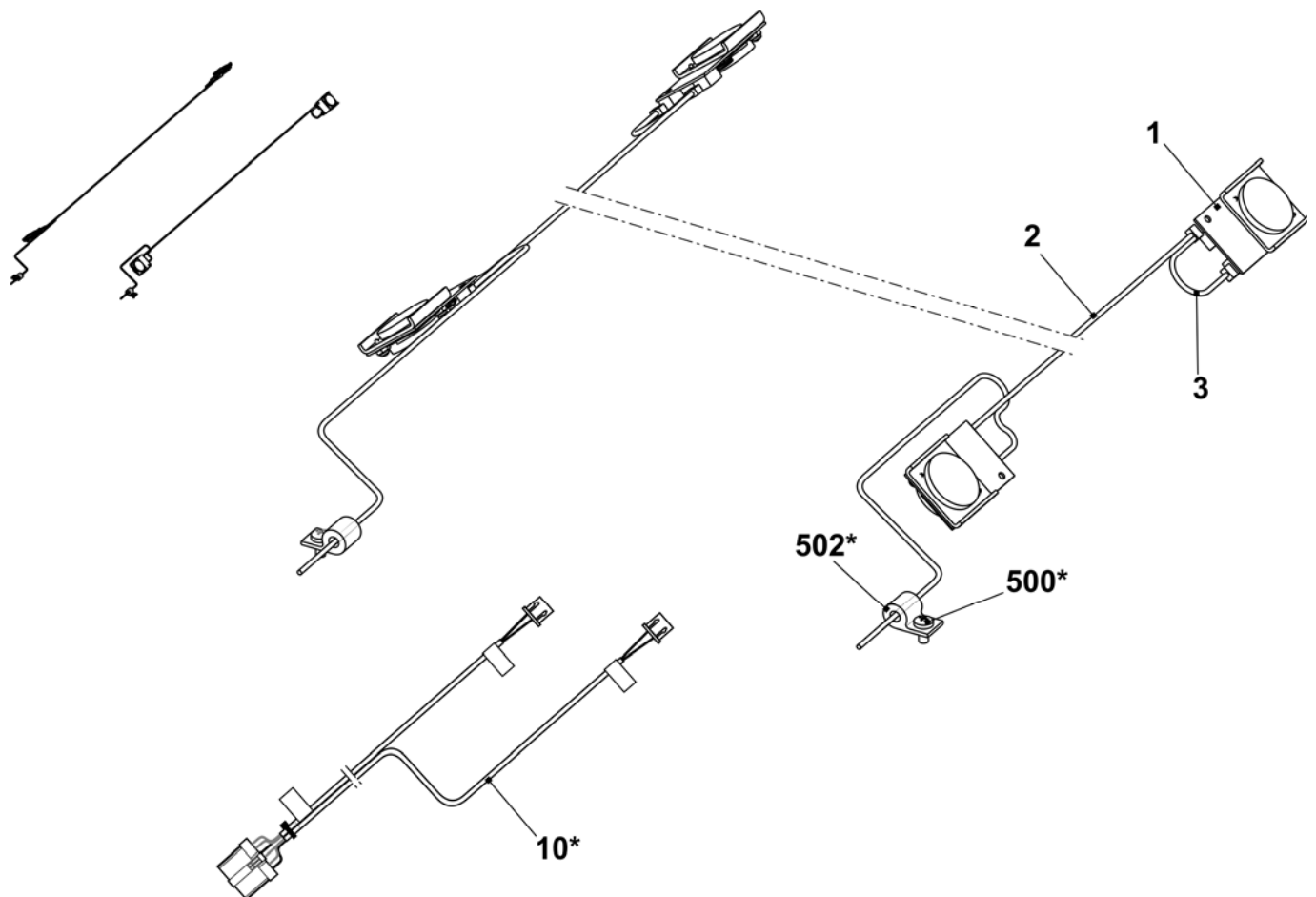
Signal light

Pos	Designation		ID	Pos	Designation		ID
Σ	Signal light LED single lamp with horn		251 153				
	500	Countersunk screw M4x14	023 037				
	501	Serrated lock washer A4.3-FS	022 482				



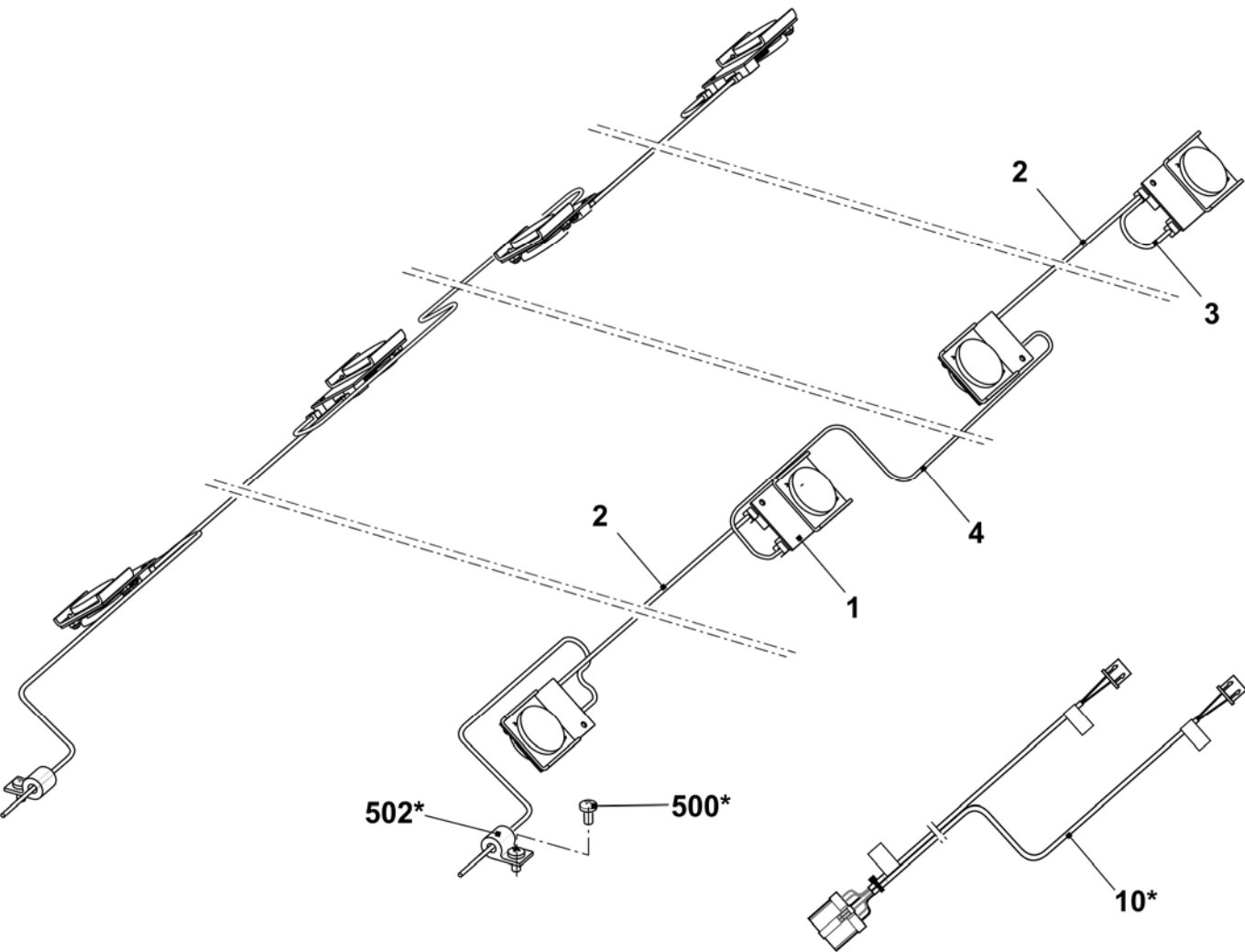
Shock stop motion E5 + E7 + E8 + E10 + E12 + E14 + E5m.4 + E7m.5 + 7m.8 + E8m.7 + E10m.12 + E6.2(12m.10) + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E7.2 + E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Shock stop motion complete E5-14	241 819			
1	Shock stop motion (Piezo)	220 011	10*	Cable Piezo NB OKC	240 518
2	Connecting cable piezo sensor	220 061	500*	Countersunk screw M4x8	023 036
3	End plug piezo sensor	220 053	502*	Cable clip N-3B, 5 mm	210 729



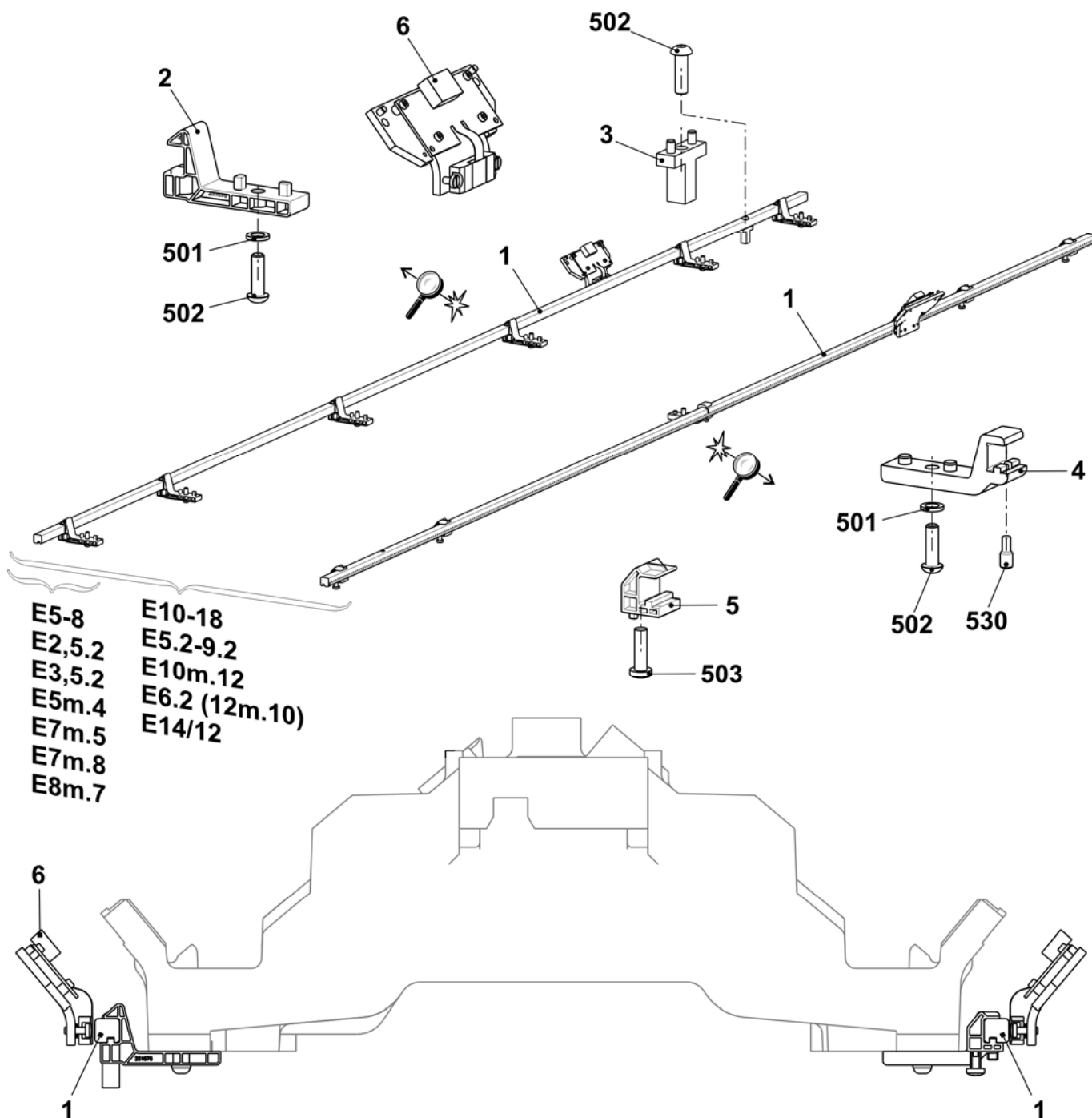
Shock stop motion E16 + E18 + E8.2 + E9.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Shock stop motion complete E16-18 (E8.2/9.2)	250 384	4	Cable connection piezo	250 295
1	Shock stop motion (Piezo)	220 011	10*	Cable piezo	240 518
2	Cable connection 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

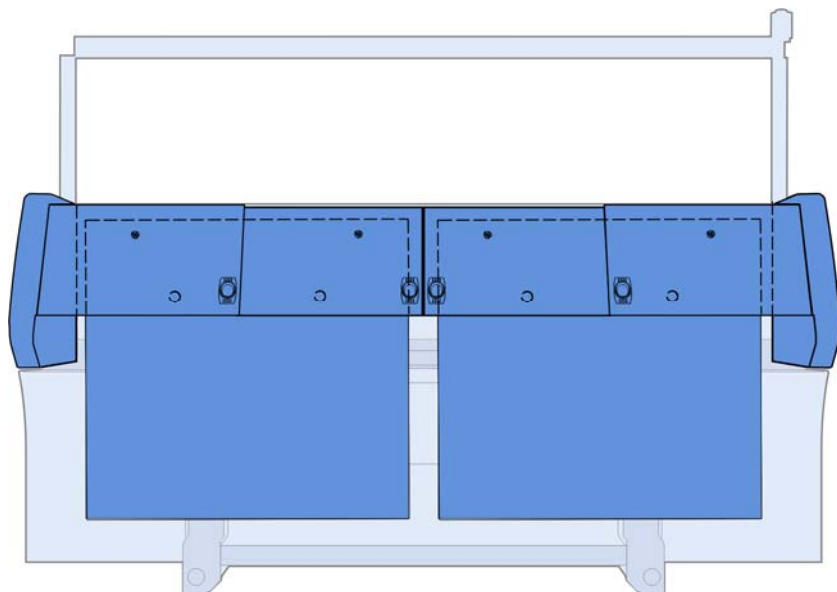


Measuring device

Pos	Designation	ID	Pos	Designation	ID
Σ	Measuring device				
1	Measuring bar	240 229	6	Measuring head complete	240 562
2	Guidance	251 676	501	U-washer	020 881
3	Stop point	209 289	502	Countersunk screw	241 603
4	Guidance	240 672	503	Screw 60x20	243 625
5	Guidance exterior	251 605	530	Set screw	230 803

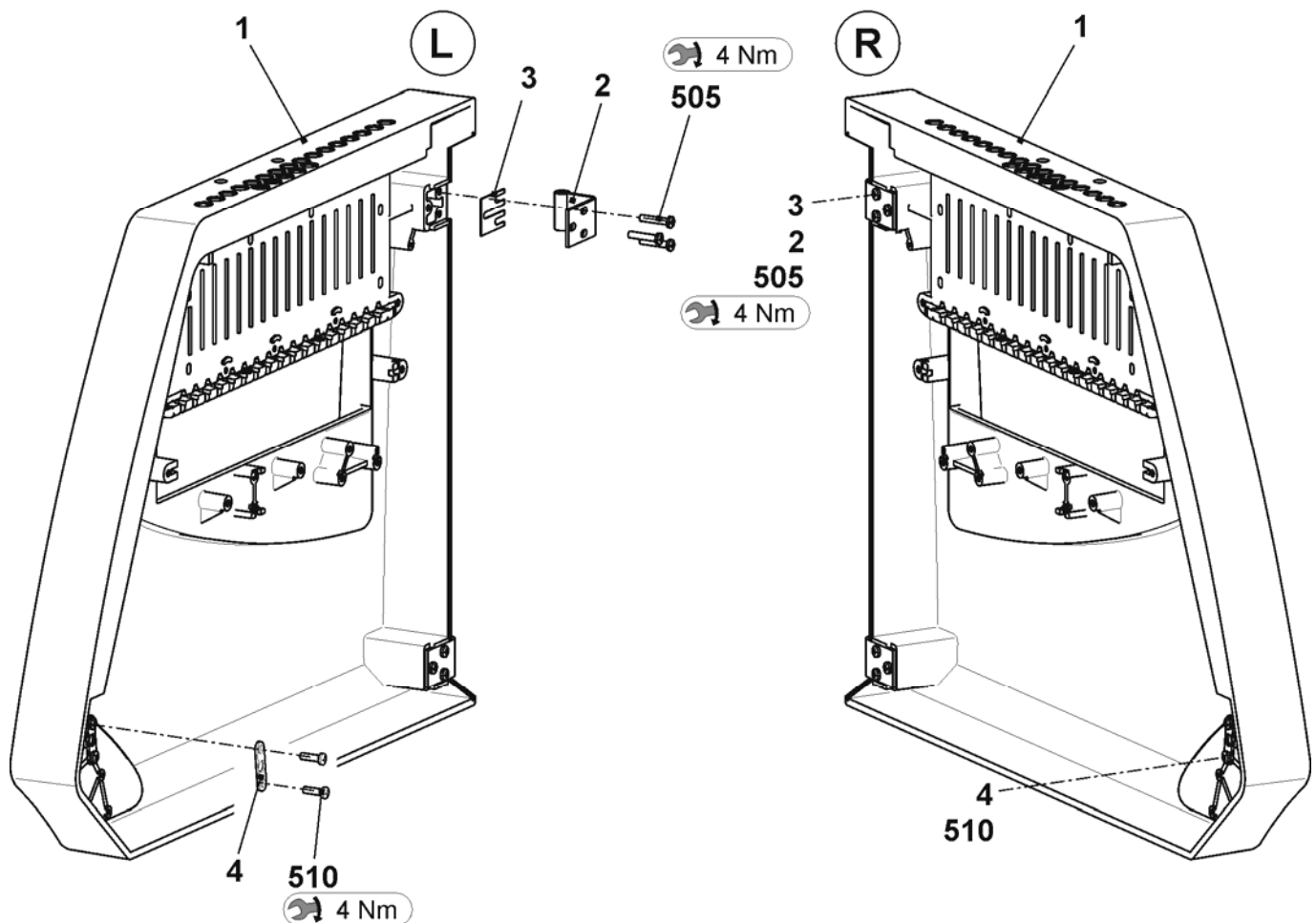


Protective units



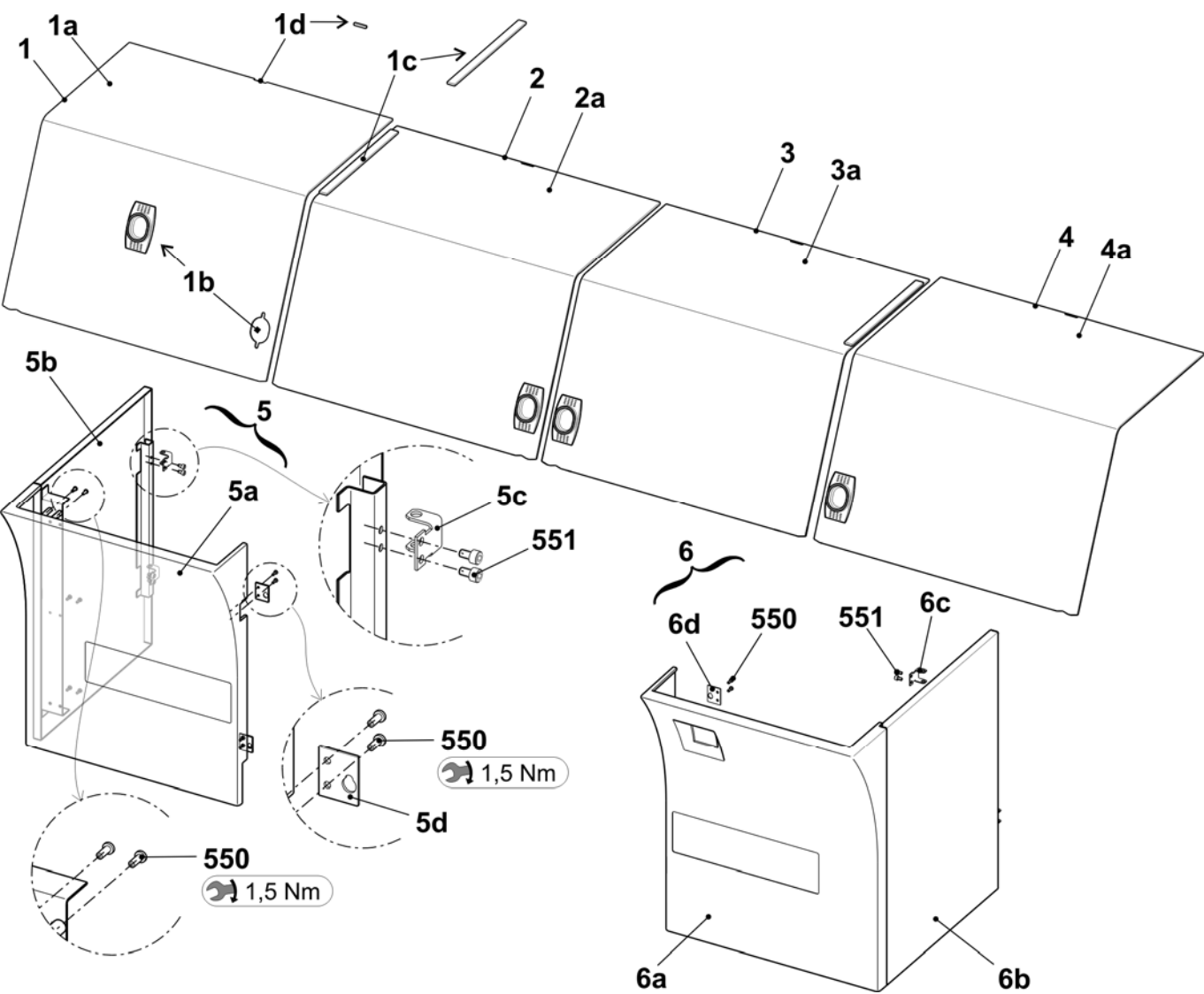
Lateral safety covers

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the left		Σ	Safety cover on the right	
1	Safety cover on the left	250 562	1	Safety cover on the right	250 563
2	Hinge	241 994	2	Hinge	241 994
3	Plate	224 717	3	Plate	224 717
4	Locking plate	219 748	4	Locking plate	219 748
505	Screw KB 60x30	237 683	505	Screw KB 60x30	237 683
510	Screw KB 60x20	237 682	510	Screw KB 60x20	237 682



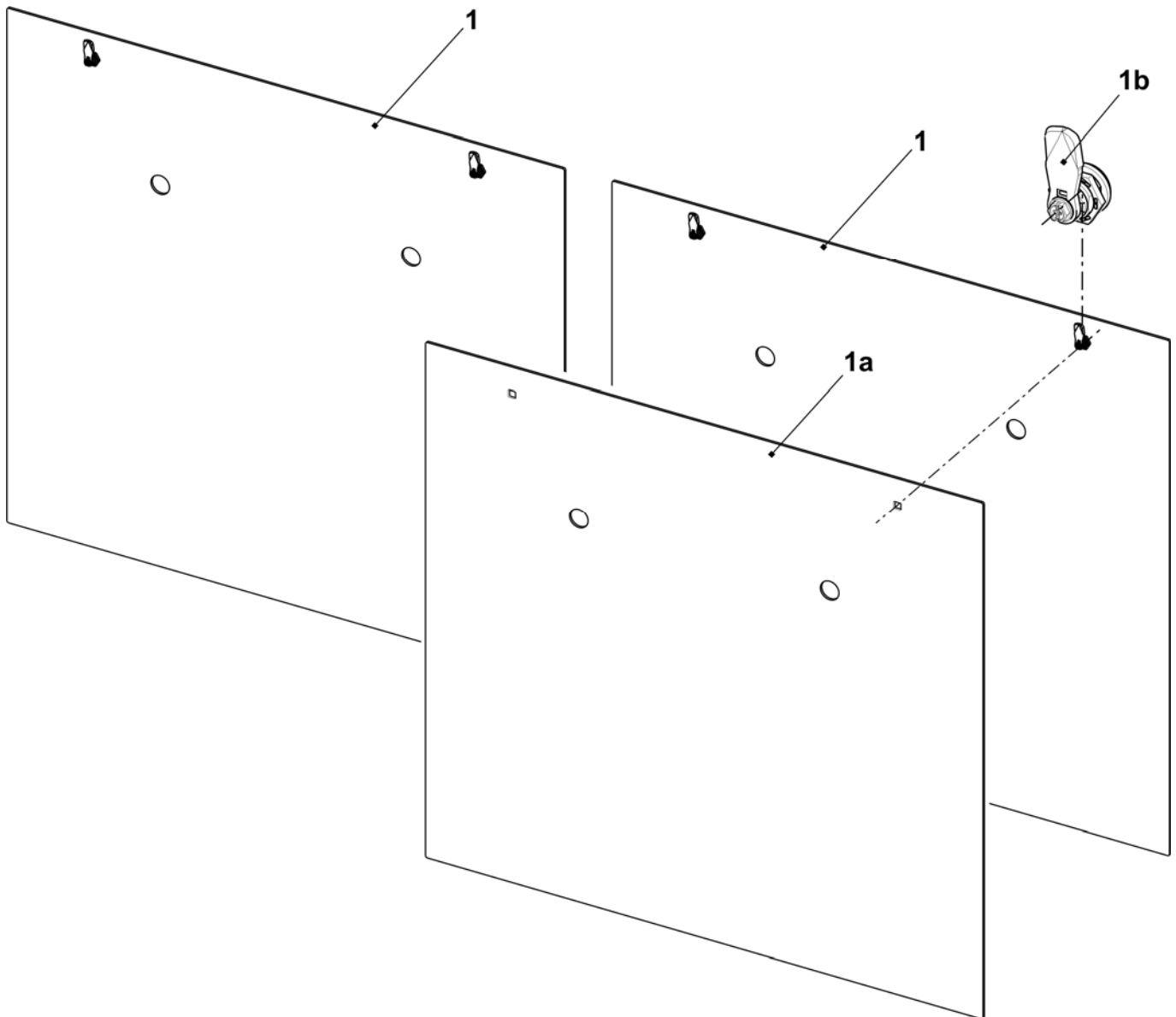
Panelling

Pos	Designation	ID	Pos	Designation	ID
1	Cover 1 complete	250 680	3	Cover 3 complete	250 682
	1a Cover 1	250 684		3a Cover 3	250 686
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	204 666		1d Magnet	204 666
2	Cover 2 complete	250 681	4	Cover 4 complete	250 683
	2a Cover 2	250 685		4a Cover 4	250 687
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	204 666		1d Magnet	204 666
5	Control unit panelling on the left complete	251 233	6	Control unit panelling on the right complete	251 234
	5a Control unit panelling on the left	251 185		6a Control unit panelling on the right	251 186
	5b Side part	244 989		6b Side part	244 989
	5c Hinge	250 273		6c Hinge	250 273
	5d Strap	240 412		6d Strap	240 412
	550 Screw KB 50x12	240 359		550 Screw KB 50x12	240 359
	551 Cap screw M6x16	020 135		551 Cap screw M6x16	020 135

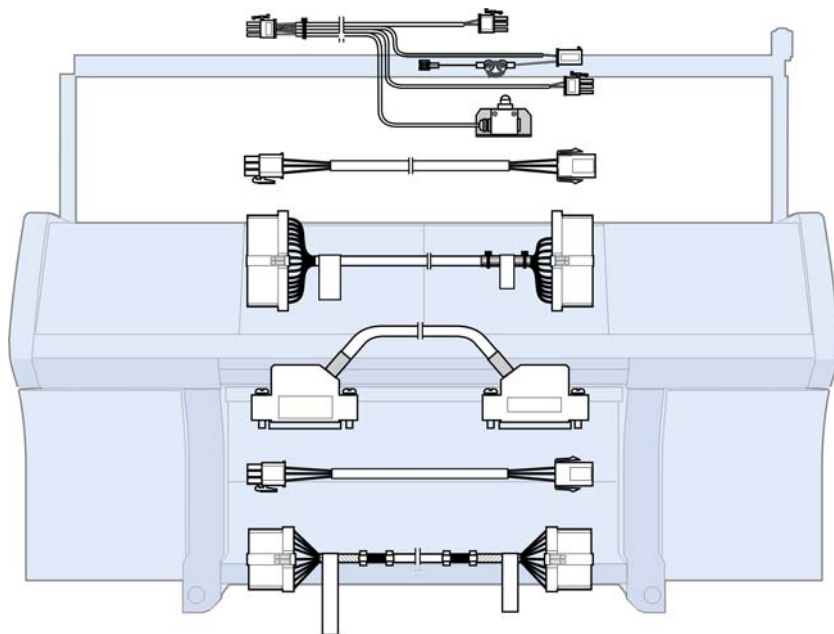


Rear panel

Pos	Designation	ID	Pos	Designation	ID
1	Panelling at the rear complete	251 565	1a	Panelling	251 564
			1b	Safety sash fastener	243 052



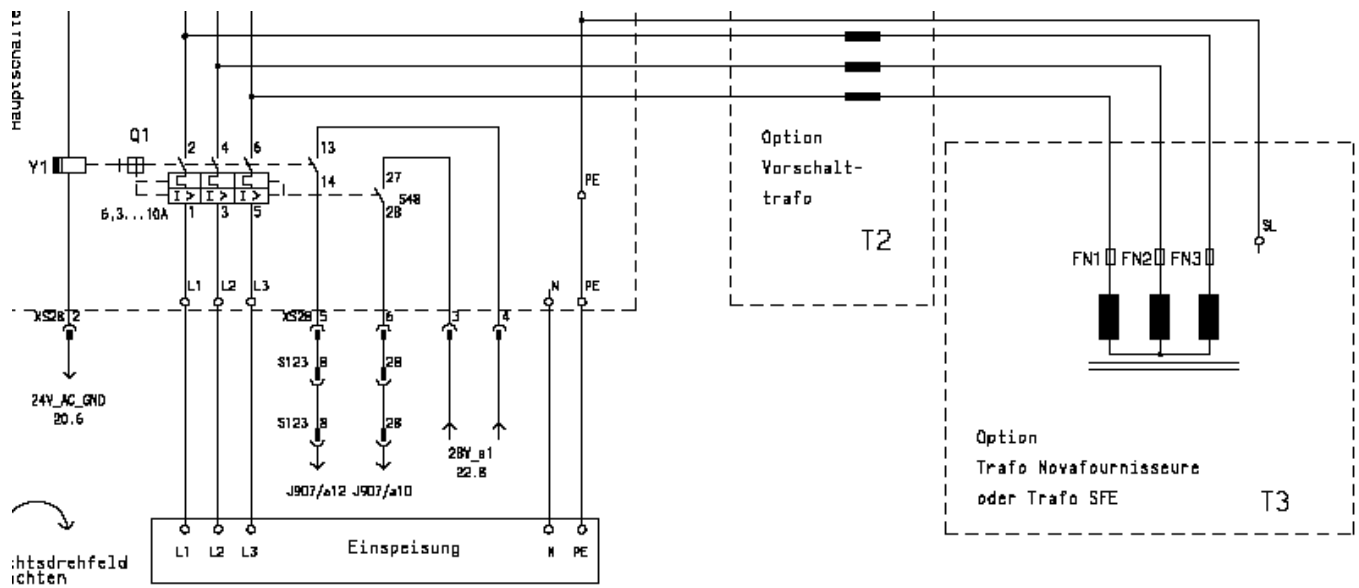
Electrical equipment



Circuit diagram (220) as PDF

<i>Designation</i>	<i>ID</i>	<i>Identification</i>
Circuit diagram 220 German	253 104	DE
Circuit diagram 220 English	253 104	GB
Circuit diagram 220 Chinese	253 104	CN

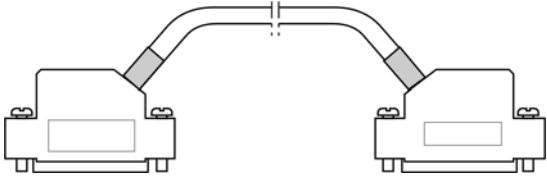
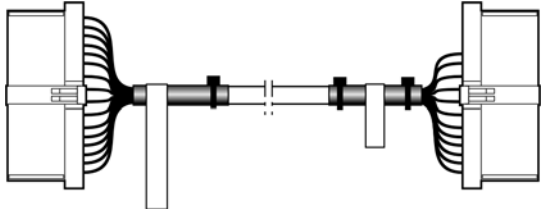
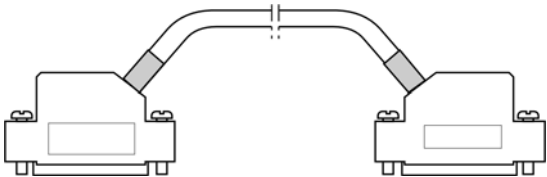
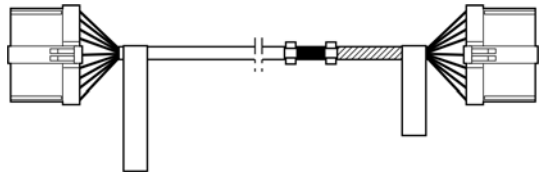
You will find the circuit diagram 220 on the CMS documentation DVD with the identification number 253 132



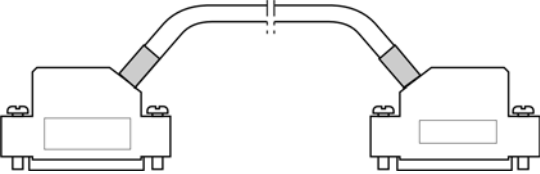
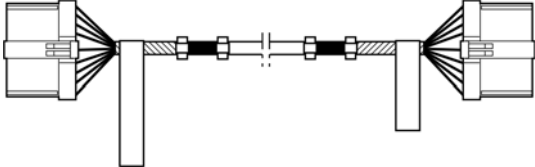
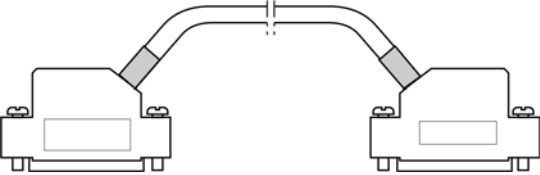
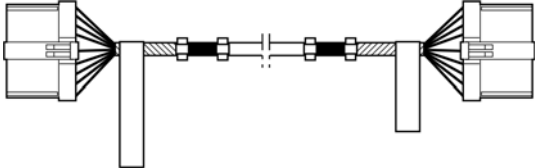
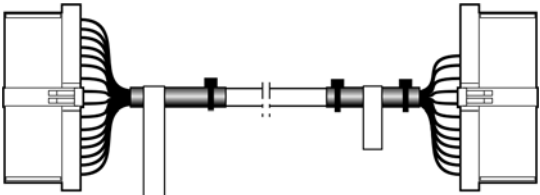
Fuses

	Designation	ID
	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

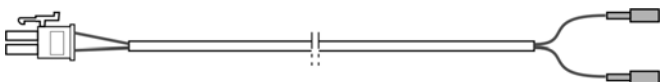
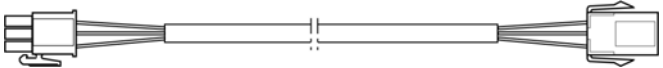
Trailing cable E5-8

Designation	ID	Designation	ID
Σ Trailing cable set 520C E5-8	254 884		
Cable carriage at the back XR332 520C	255 054	Cable yarn carrier XR161	254 886
			
Cable carriage at the front XR333 520C	254 888	Cable impulse giver at the rear XR136	255 050
			

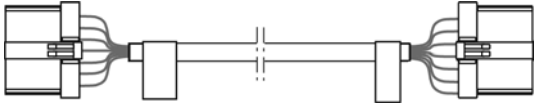
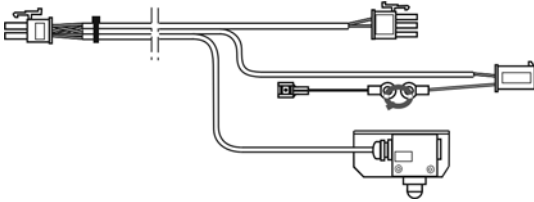
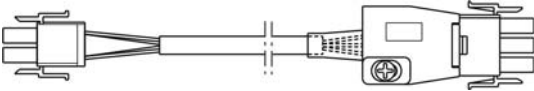
Trailing cable E10-18

Designation		ID	Designation		ID
Σ	Trailing cable set 520C E10-18	254 885			
	Cable carriage at the back XR332 520C	255 054	Cable impulse giver at the rear XR136		255 050
					
	Cable carriage at the front XR333 520C	254 888	Cable impulse giver at the front XR137		254 887
					
	Cable yarn carrier XR161	254 886			
					

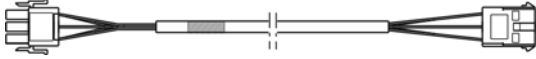
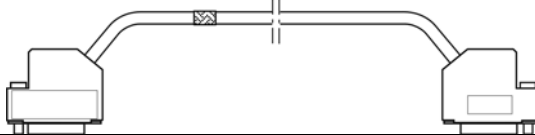
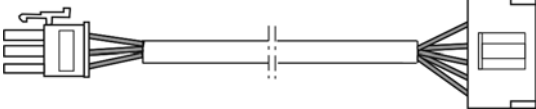
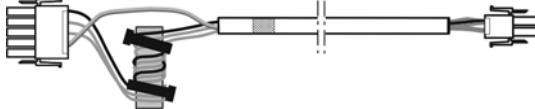
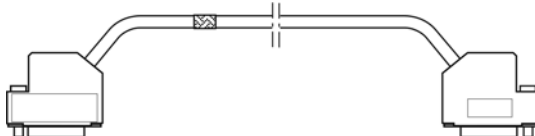
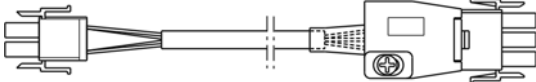
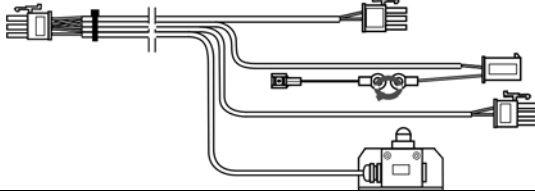
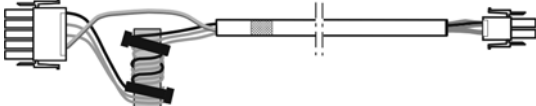
Cable set installation

Designation		ID	Designation		ID
Σ	Cable set installation 5XX OKC	253 618			
1	Loom of cables base 1 5XX	253 619	3	Loom of cables 5XX OKC	253 621
2	Loom of cables base 2 OKC	240 257	4	Loom of cables comb OKC	240 259
6	Cable switch main take-down 50" ECO2	252 541	7	Cable mains supply FKE lamp ECO2	252 587
					

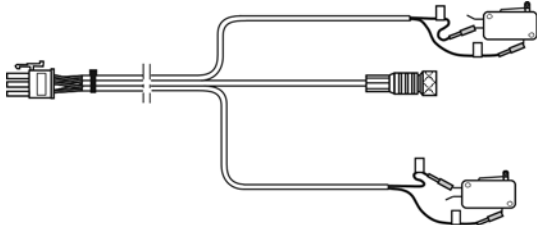
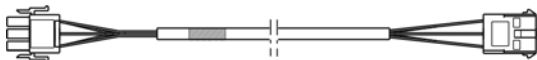
Loom of cables base 1

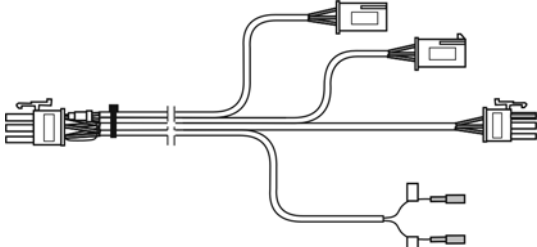
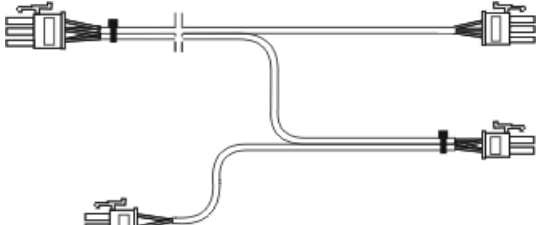
Designation		ID	Designation		ID
Σ	Loom of cables base 1 5XX	253 619			
	Cable enganging ECO2	252 538			
					
	Cable feed wheel on the left 50" OKC	240 464			
					

Loom of cables base 2 OKC

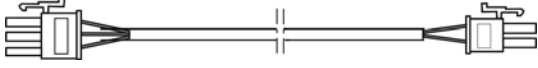
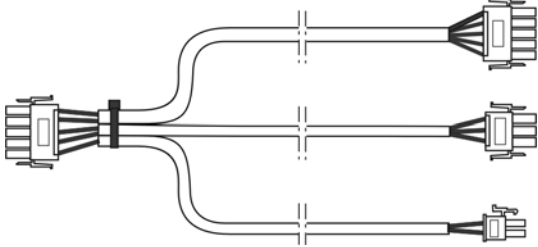
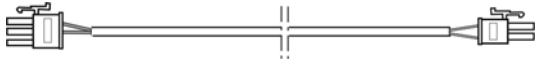
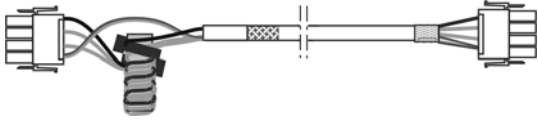
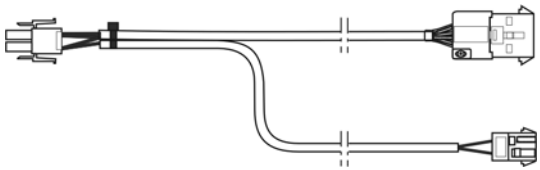
Designation	ID	Designation	ID
Σ Loom of cables base 2 OKC	240 257		
Cable motor HAAB OKC	240 291	Cable resolver drive OKC 3xx	240 296
			
Cable limit switch racking OKC 3xx	240 292	Cable racking motor OKC 3xx	240 297
			
Cable ventilator drive 3xx OKC	240 293	Cable resolver racking OKC 3xx	240 298
			
Cable feed wheel on the right 3XX	240 294	Cable protective unit on the right OKC	253 441
			
Cable drive motor OKC 3xx	240 295		
			

Loom of cables comb

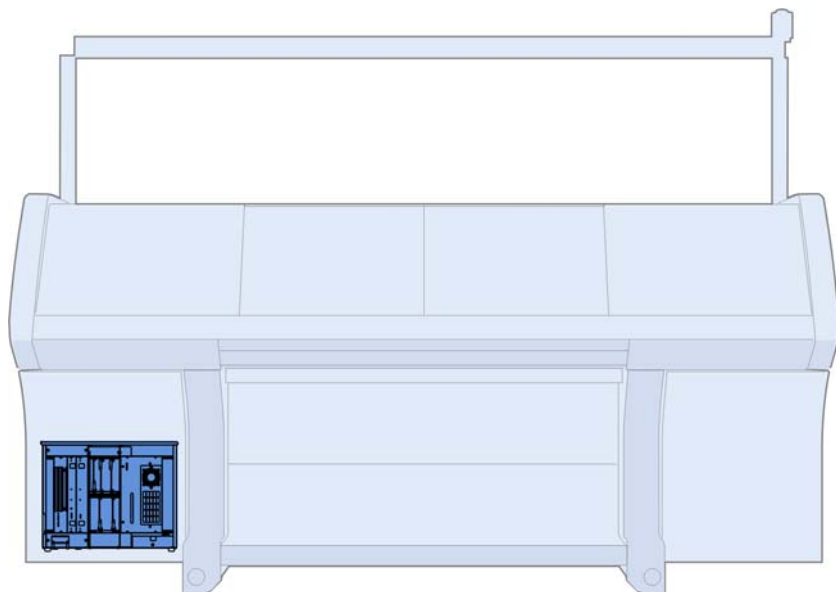
Designation		ID	Designation		ID
Σ	Loom of cables comb OKC	240 259			
	Cable motor comb hook OKC	240 308			
					
	Cable switch KAHA OKC	240 309			
					
	Cable motor comb OKC	240 310			
					

Loom of cables 50"

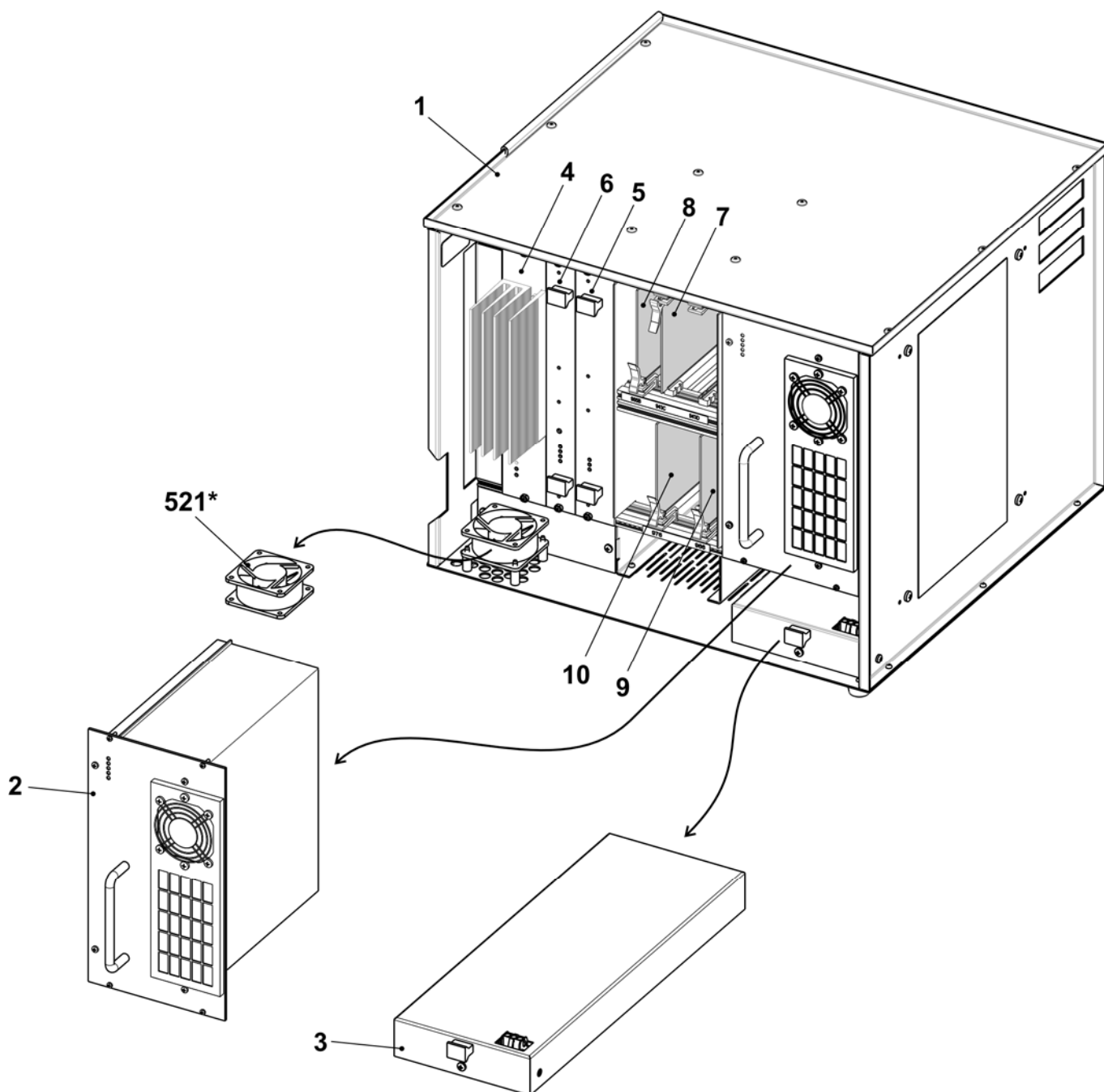
Designation	ID	Designation	ID
Σ Loom of cables 5XX OKC	253 621		
Cable motor HIAB 50" OKC	240 467	Cable power supply of mains supply OKC	240 505
			
Cable impulse giver HIAB 50" OKC	240 468	Cable power supply lighting	236 572
			
Cable power supply WAZ/F 50" OKC	240 469	Cable switch HIAB 3xx OKC	240 472
			
Cable power supply Servo 50" OKC	240 502	Cable power supply FLENT 50" OKC	251 231
			

Control electronics

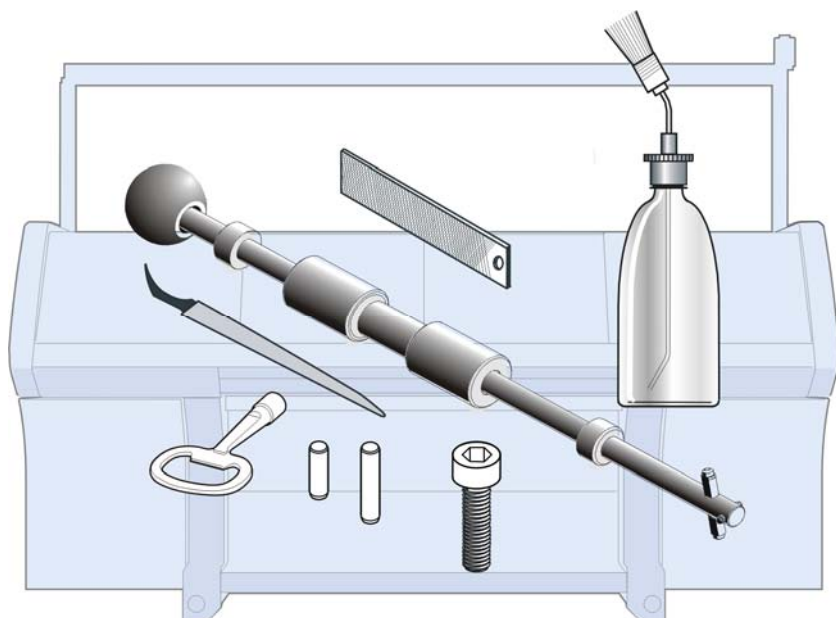


Control cabinet

Pos	Designation	ID	Pos	Designation	ID
Σ	Control unit 520 CT2	251 638	6	Card BIO ECO2	301 007
1	Control unit without equipment 5XX ECO2	251 639	7	Card amplifier 4SM 7TE	300 943
2	Power supply CG54	320 923	8	Card N-CPU 432	300 965
3	Battery plug-in unit	301 008	9	Card Power CPU 1	300 966
4	Card servo 6	301 000	10	Card IPC P8X OKC	300 976
5	Card C-WAZ ECO2	301 006	521*	Axial blower Servo 5	229 059



Deliverable accessories

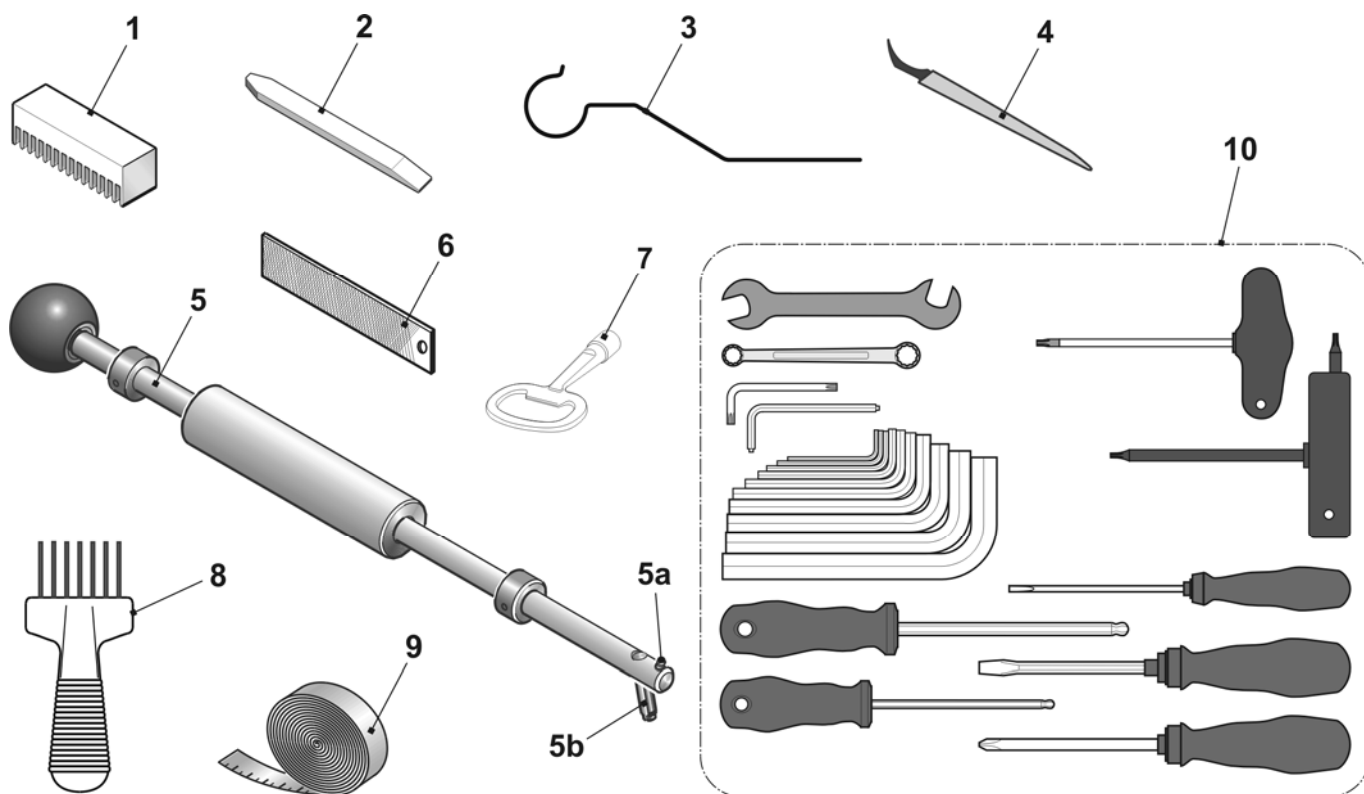


You can order the following tools, lubricants and expendables.

The following list is not conformed with the scope of delivery of the knitting machine.

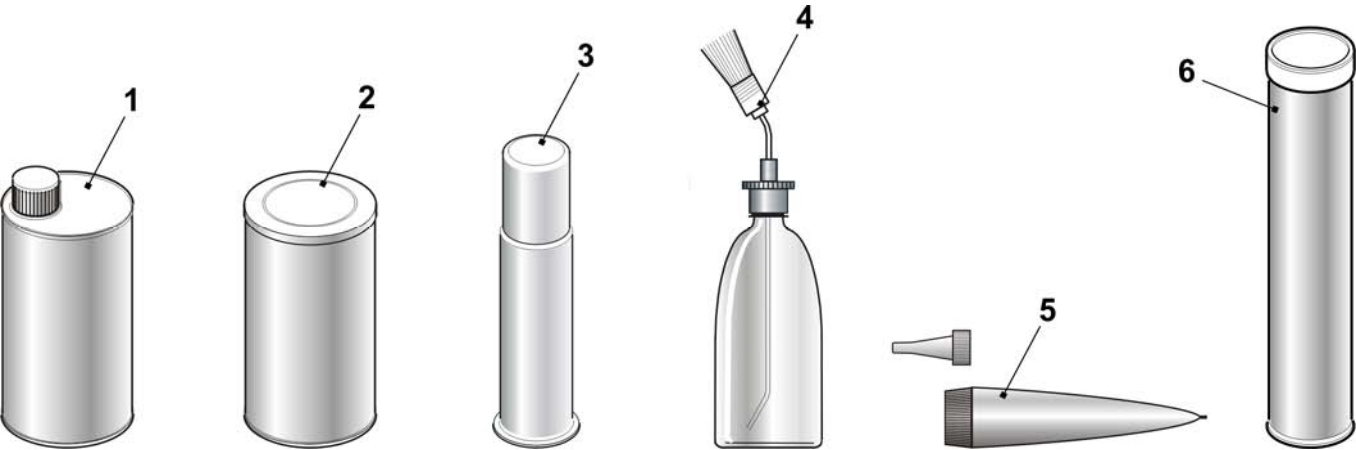
Tool

Pos	Designation	ID	Pos	Designation	ID
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 1.25 mm E5-8, E3,5.2	006 170
	Channel support E7, E3,5.2	062 312		Groove file 0.90 mm E10-12, E5.2 + 6.2	006 175
	Channel support E8	062 313		Groove file 0.73 mm E14, E7.2	006 173
	Channel support E10, E5.2	062 314		Groove file 0.45 mm E16-18, E9.2	006 179
	Channel support E12, E6.2	062 315			
	Channel support E14, E7.2	218 069	7	Key of switch cabinet	009 346
	Channel support E16, E8.2	230 188	8	Groove cleaner E4	031 232
	Channel support E18, E9.2	230 189		Groove cleaner E5	031 233
	Channel support E20	230 190		Groove cleaner E6	031 234
2	Channel chisel E14-20 (E5-14)	062 316		Groove cleaner E7, E3,5.2	031 235
	Channel chisel E4-8 (E3,5.2)	062 317		Groove cleaner E8	031 236
	Channel chisel E10-14	062 318		Groove cleaner E10 (E5.2)	031 238
3	Yarn guide on the left	227 071		Groove cleaner E12 (E6.2)	031 240
	Yarn guide on the right	227 070		Groove cleaner E14 (E7.2)	031 242
4	Working hook	227 249		Groove cleaner E16	225 111
	Extraction hook	232 027		Groove cleaner E18 (E9.2)	225 112
5	5a Small pin	202 843		Groove cleaner E20	225 113
	5b Pin	232 022	9	Measuring tape L=150 cm	228 180
			10	Tool kit	209 527



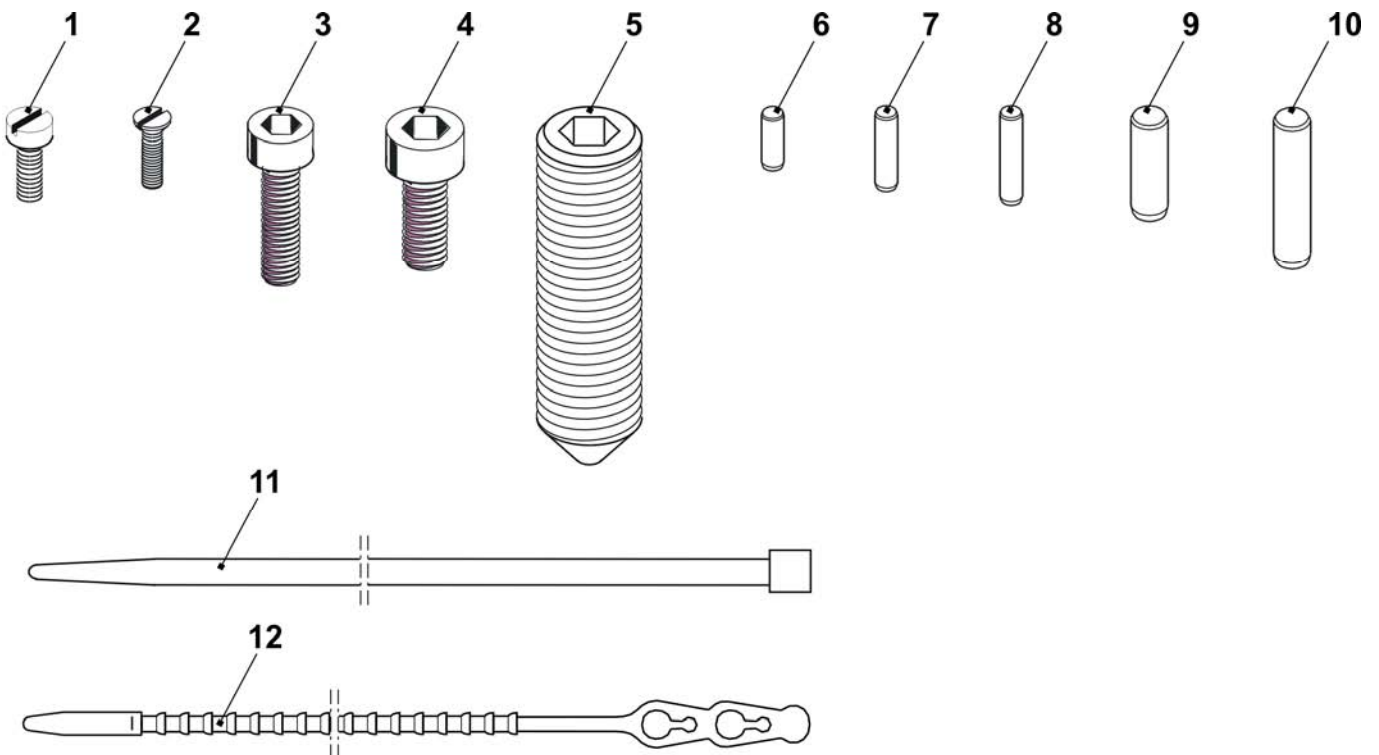
Lubricating stuff

Pos	Designation	ID	Pos	Designation	ID
1	Textile machines oil T46, 1l	230 614	4	Ölkombifix	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

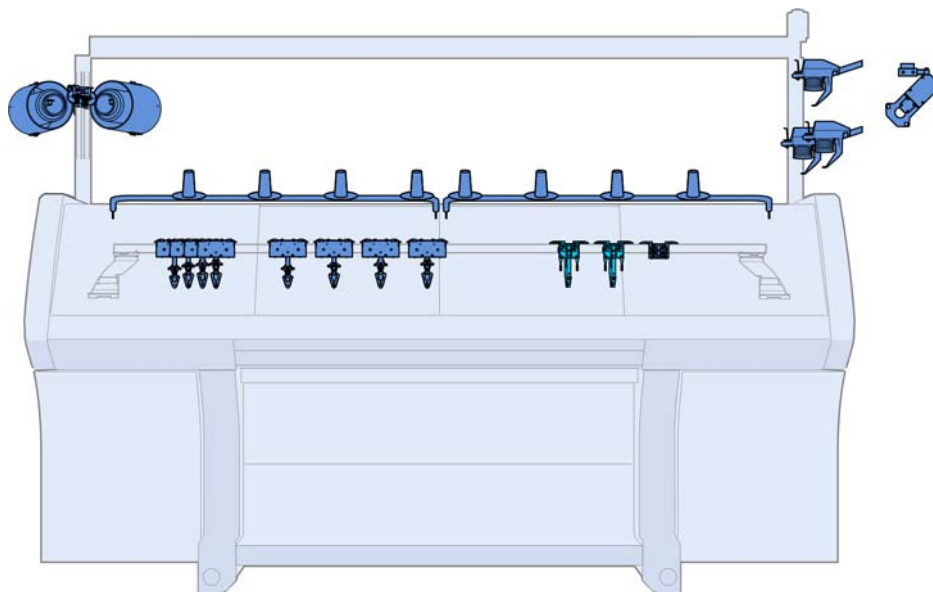


Mechanical parts

Pos	Designation	ID	Pos	Designation	ID
1	Cap screw M4x8	020 091	11	Cable binder 203x3.6 mm	025 815
2	Countersunk screw M3x6	020 286		Cable binder T50L	026 294
3	Cap screw M5x16	022 726		Cable binder 140x3,6mm	008 379
4	Cap screw M6x14	022 658		Cable binder 302x4.8 mm	008 642
5	Set screw M16x50	023 235		Cable binder 92x2.4mm	008 378
6	Setting pin 3x7	020 643	12	Reusable tie ABV 232 320 mm	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			

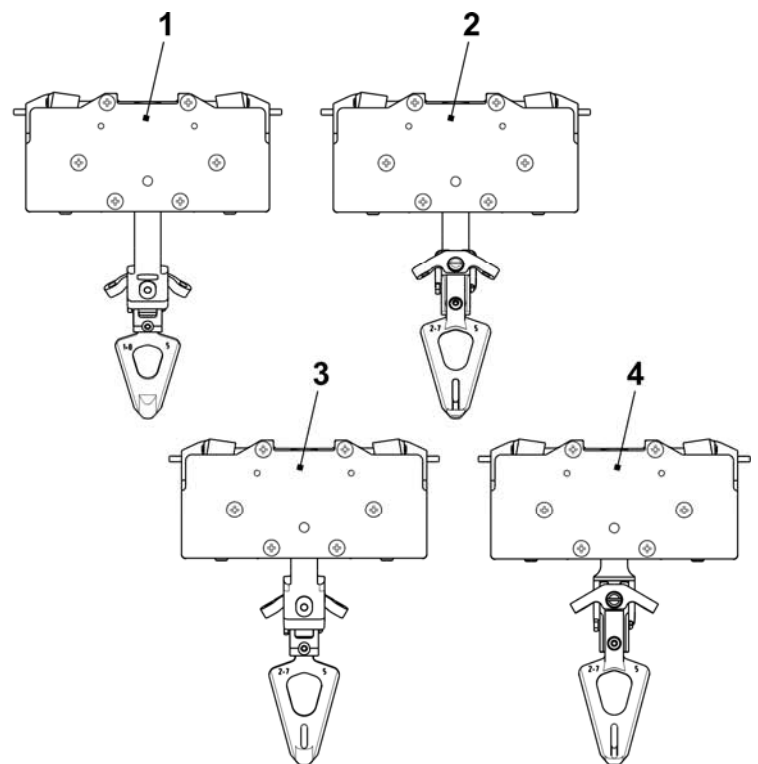
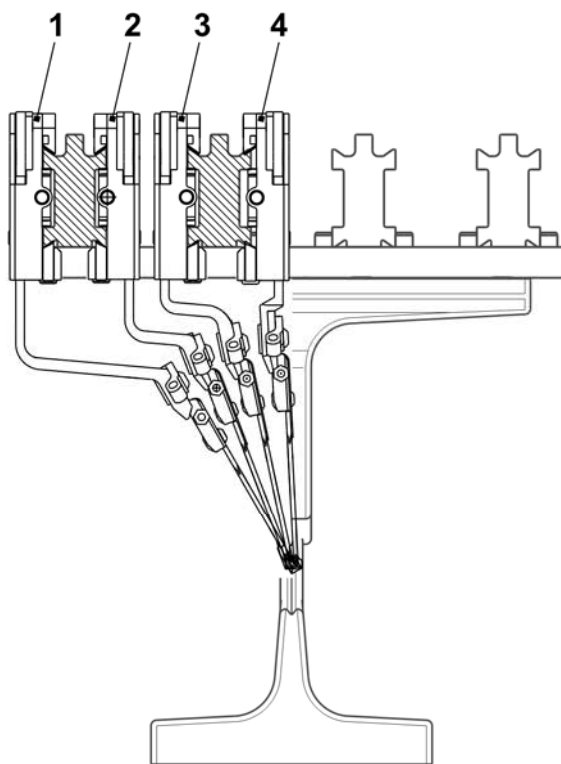


Special equipment



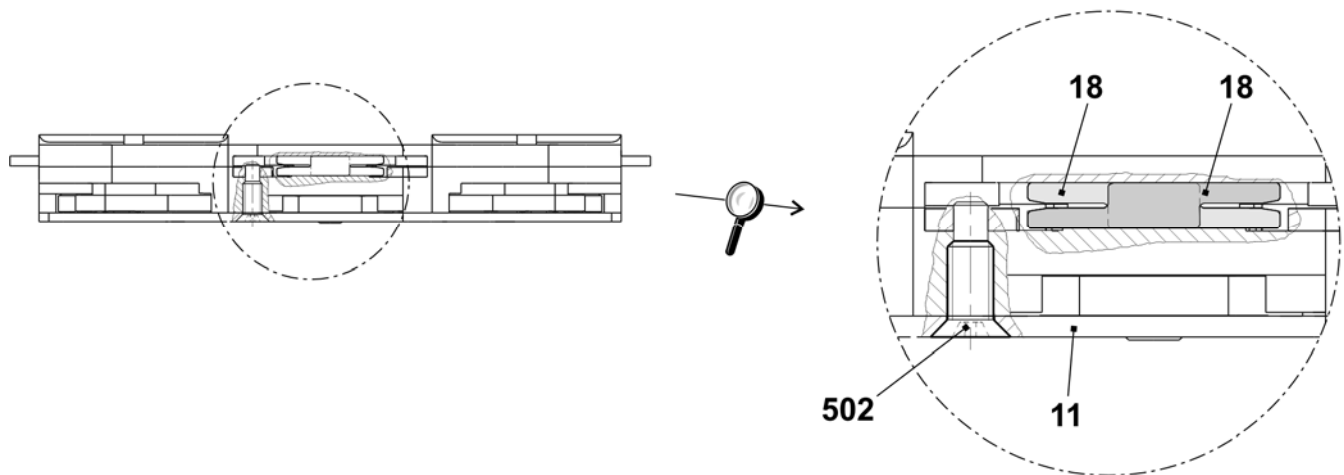
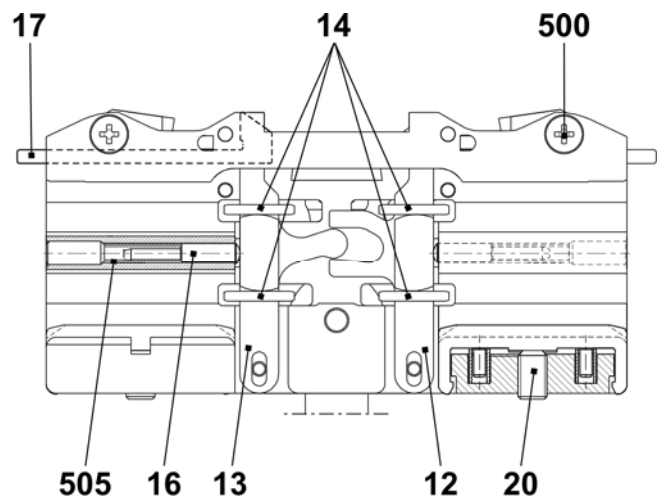
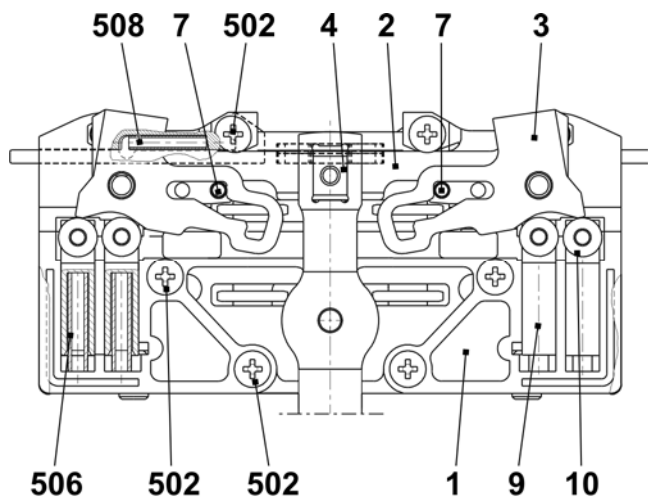
Complete intarsia yarn carriers

Designation	Gauge	Track	Pos	ID	Designation	Gauge	Track	Pos	ID
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

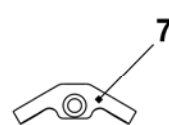
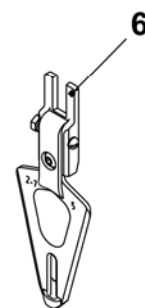
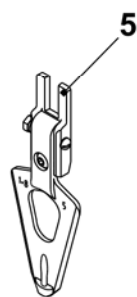
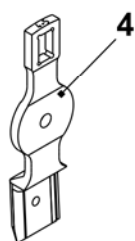
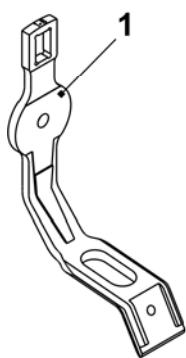
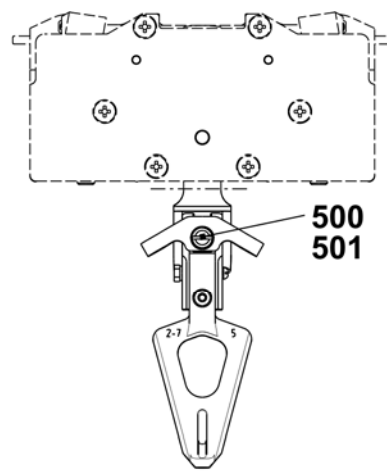
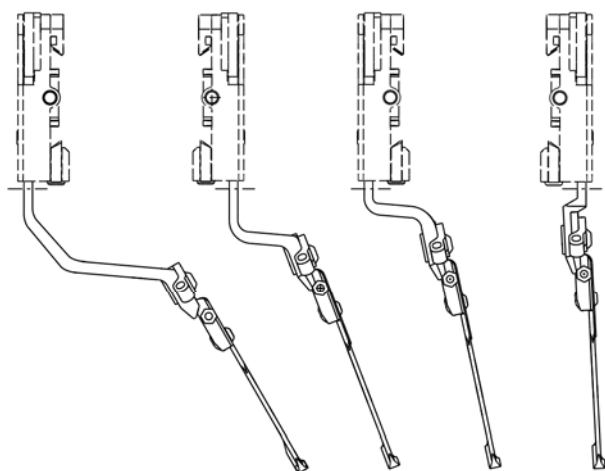
Pos	Designation	ID	Pos	Designation	ID
1	Basic plate complete	216 031	14	Pressure plate 2,04	201 654
20	Threaded bolt	213 399		Pressure plate 2,06	208 924
2	Slider complete	217 170		Pressure plate 2.02	235 740
3	Locking plunger	212 508	16	Spring pin	201 677
4	Sliding block	213 807	17	Lifter	212 547
7	Locating pin 3,3	212 504	18	Sliding part	212 543
	Locating pin 3,4	212 505	20	Threaded bolt	213 399
	Locating pin 3.5	212 506	500	Countersunk head screw M4x6	022 994
9	Thrust piece	212 773	502	Countersunk head screw M4x12.5	022 979
10	Pressure roller	212 774	505	Compression spring 0,4x3,2x26,5	022 982
11	Cover	212 507	506	Compression spring 4.0x0.7x25	022 969
12	Clamping lever on the right	216 087	508	Compression spring 2.8x0.35x19	023 394
13	Clamping lever on the left	216 0 88			



Bow and head IYC

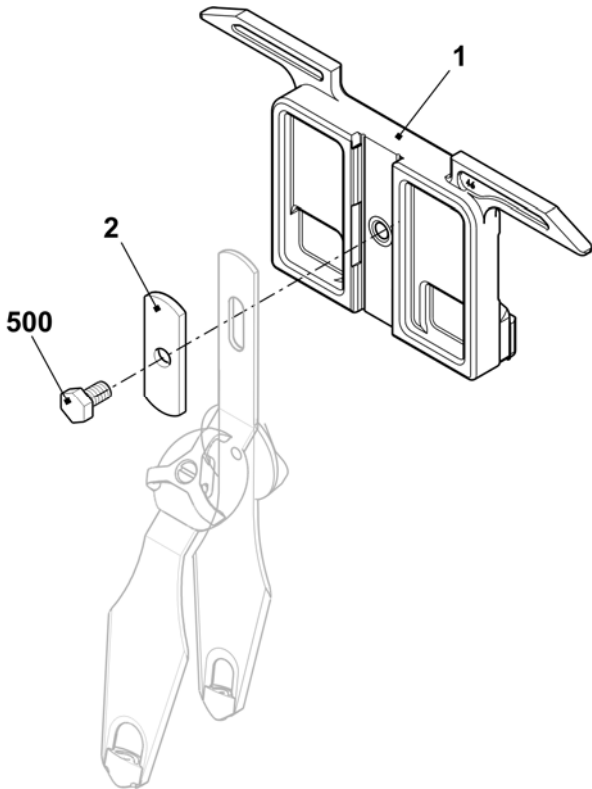
Pos	Designation	ID	Pos	Designation	ID
1	YC bow 1+8	212 986	7	Yarn guide angle	201 672
2	YC bow 2+7	212 987	500	Countersunk screw M4x8	023 579
3	YC bow 3+6	212 988	501	Circlip S4-FST	022 774
4	YC bow 4+5	212 989			

Pos	Designation	Gauge	Track	ID	Pos	Designation	Gauge	Track	ID
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



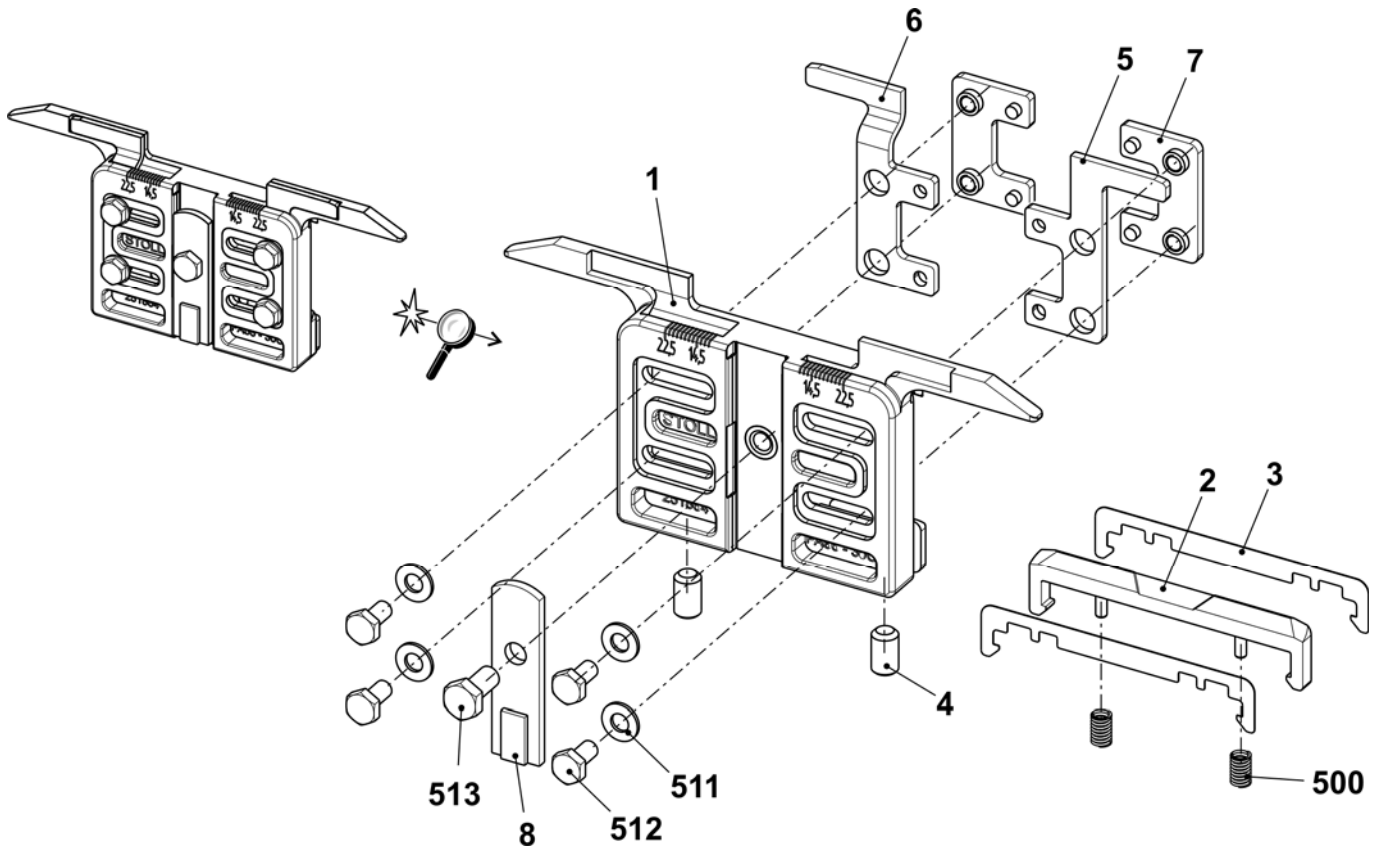
Carriage of plating yarn carrier

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage of plating YC co. E5-18	244 998			
1	YC carriage MW46	244 253	500	Hexagon screw M5x10	020 351
2	Shim	213 035			



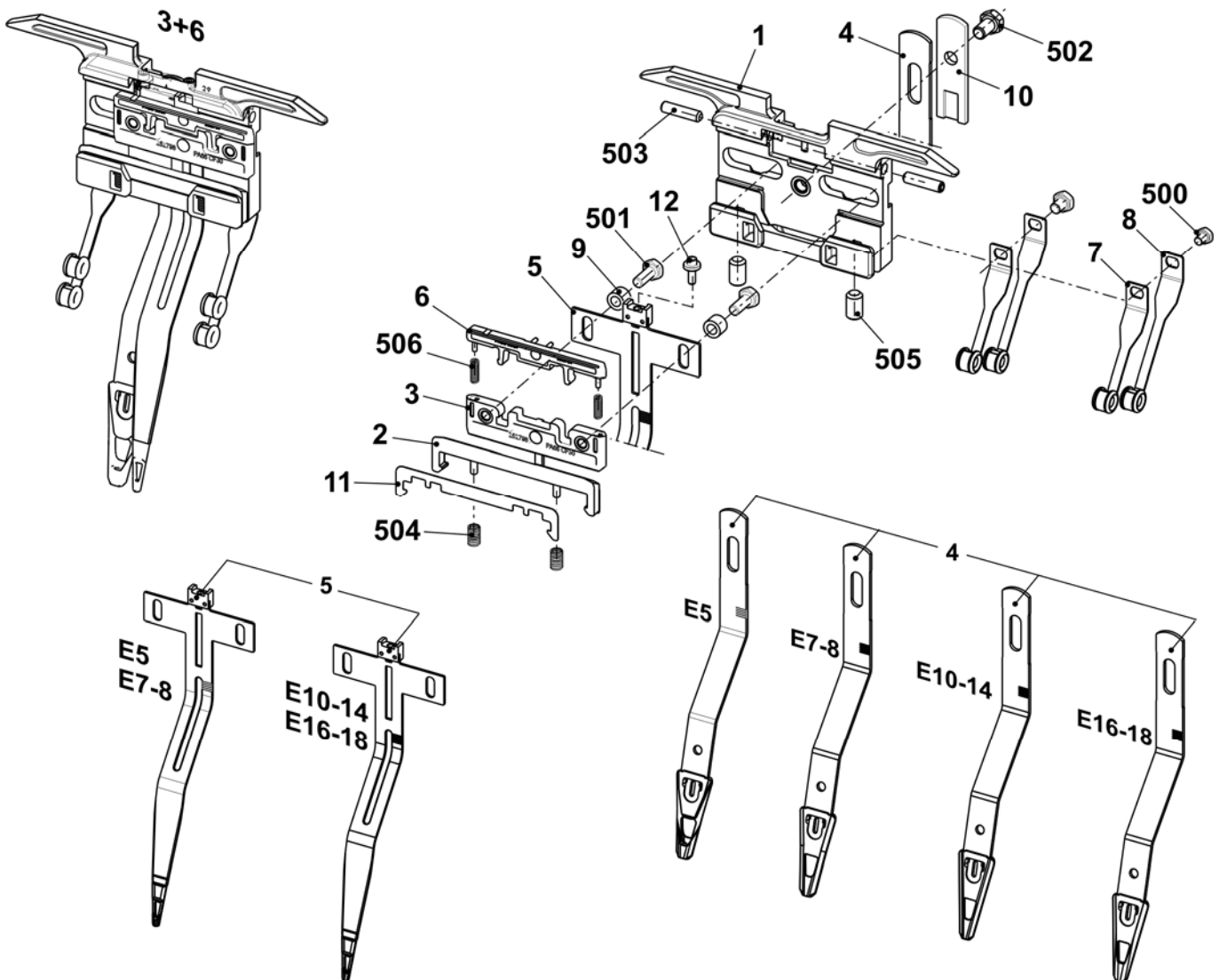
Carriage of plating yarn carrier (adjustable)

Pos	Designation	ID	Pos	Designation	ID
Σ	Plating yarn carrier carriage co.	251 867			
1	Carriage of yarn carrier	251 864	7	Guiding part	253 226
2	Sliding part	212 583	8	Shim	213 035
3	Shim	216 143	500	Compression spring	021 399
4	Threaded bolt	213 399	511	U-washer 4	022 481
5	Insert on the right	251 866	512	Hexagon screw M4x8	022 461
6	Insert on the left	251 865	513	Hexagon screw M5x10	020 351



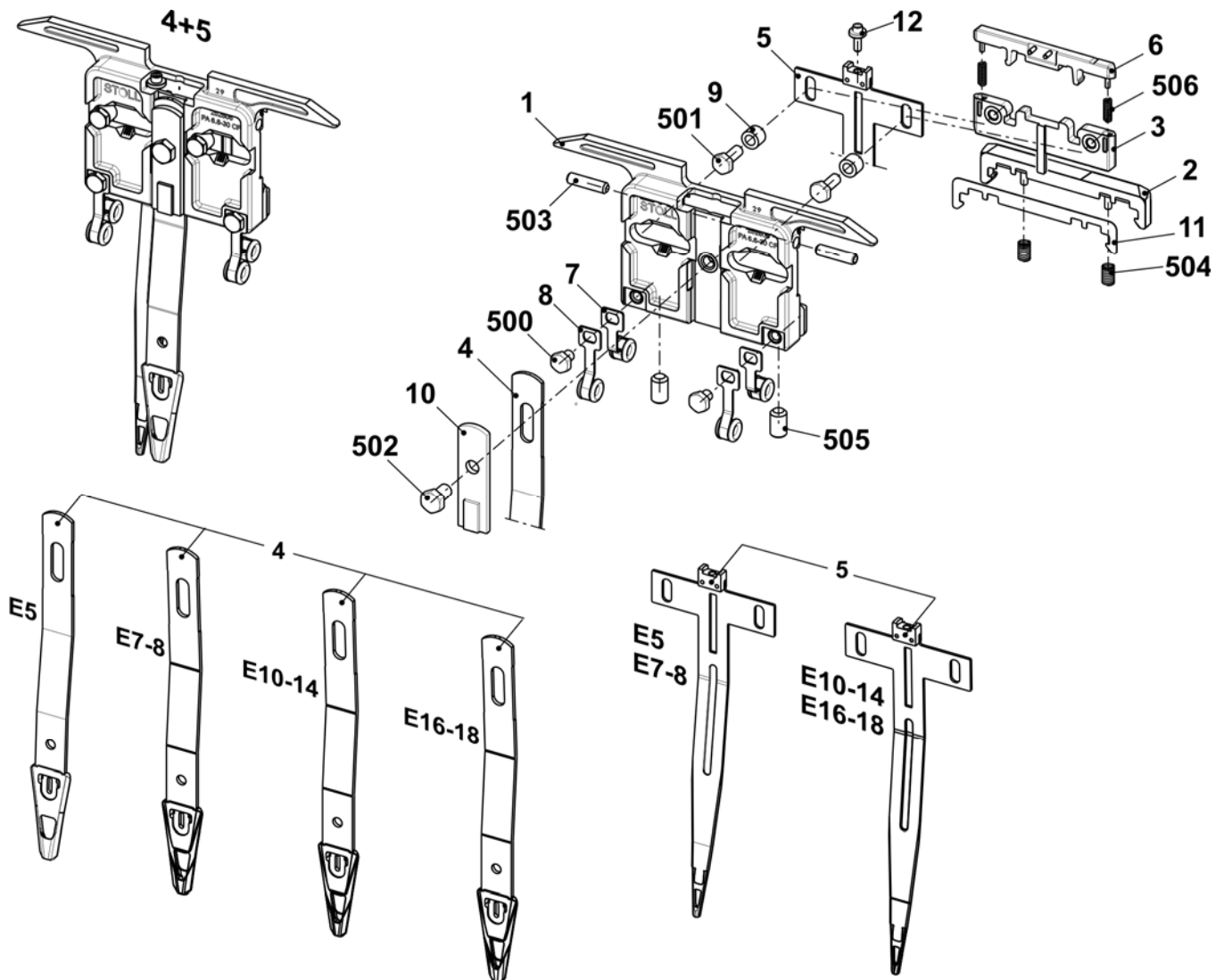
Plating yarn carrier 3+6

Pos	Designation	ID	Pos	Designation	ID
Σ	Plating yarn carrier carriage 3+6 co.				
	E5 + E2,5.2 + E3,5.2 + E5.2	252 782	6	Sliding part	252 797
	E7 + E8 + E6.2	252 784	7	Eyelet holder complete	252 825
	E10 + E12 + E14 + E7.2 + E8.2	252 786	8	Eyelet holder complete	252 824
	E16 + E18 + E9.2	252 788	9	Spacer	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding part	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6		500	Hexagon screw M4x5	243 779
	E5	252 820	501	Hexagon screw M4x10	020 346
	E7-8	252 821	502	Hexagon screw	252 832
	E10-14	252 822	503	Grub screw M4x16	254 196
	E16-18	252 823	504	Compression spring	021 399
5	Plating yarn carrier bow 3+6 E5-8	252 800	505	Threaded bolt	213 399
	Plating yarn carrier bow 3+6 E10-18	252 808	506	Compression spring	253 058



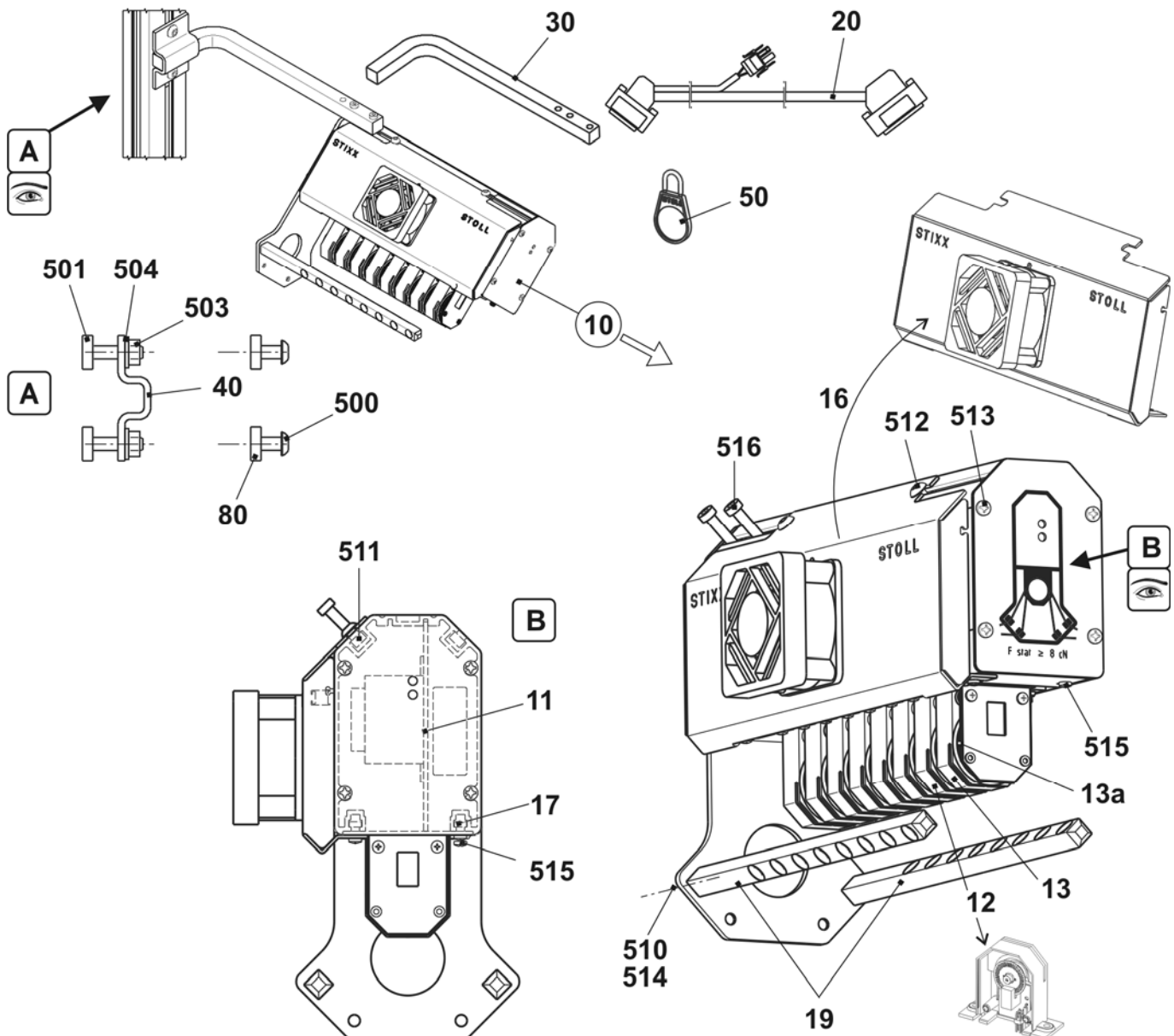
Plating yarn carrier 4+5

Pos	Designation	ID	Pos	Designation	ID
Σ	Plating yarn carrier carriage 4+5 co.				
	E5 + E2,5.2 + E3,5.2 + E5.2	252 781	6	Sliding part	252 797
	E7 + E8 + E6.2	252 783	7	Eyelet holder complete	252 815
	E10 + E12 + E14 + E7.2 + E8.2	252 785	8	Eyelet holder complete	252 816
	E16 + E18 + E9.2	252 787	9	Spacer	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding part	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 4+5		500	Hexagon screw M4x5	243 779
	E5	252 790	501	Hexagon screw M4x10	020 346
	E7-8	252 791	502	Hexagon screw	252 832
	E10-14	252 792	503	Grub screw M4x16	254 196
	E16-18	252 793	504	Compression spring	021 399
5	Plating yarn carrier bow 4+5 E5-8	252 799	505	Threaded bolt	213 399
	Plating yarn carrier bow 4+5 E10-18	252 807	506	Compression spring	253 058



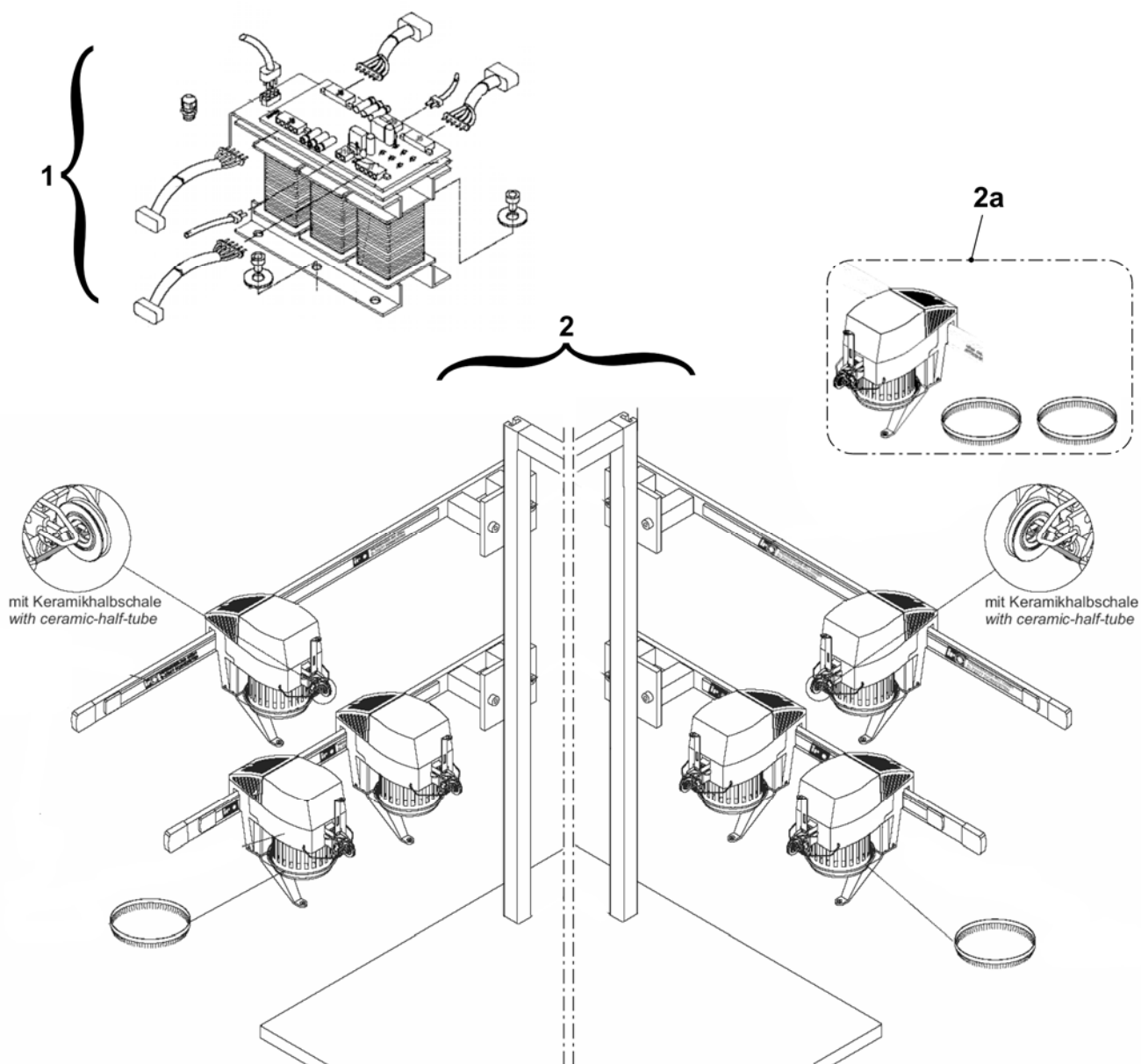
Yarn length measuring device

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn length measuring device co.	228 943	10	Yarn length measuring device 3	236 275
20	Cable length measuring	236 718	11	Card FLM CPU	300 934
30	Support	223 029	12	Sensor	211 354
40	Clamp	228 583	13	Sensor complete	212 406
50	Setting weight	212 241	13a	Rubber running ring	212 390
80	Threaded bar	200 223	16	Ventilator complete	212 255
500	Countersunk screw M8x16	023 113	17	Threaded bar	211 801
501	Hammer head bolt M8x25	022 866	19	Yarn guide rod	211 352
503	Hexagon nut M8-6	020 838	510	Pan-head screw M5x10	023 247
504	U-washer 8,4	023 248	511	Spring nut M5	022 873
			512	Pan-head screw M5x6	023 246
			513	Sheet metal screw ST3.5x13	022 940
			514	Spring washer A5	022 454
			515	Oval head screw with washer M3x10	023 380
			516	Cap screw M5x22	023 193



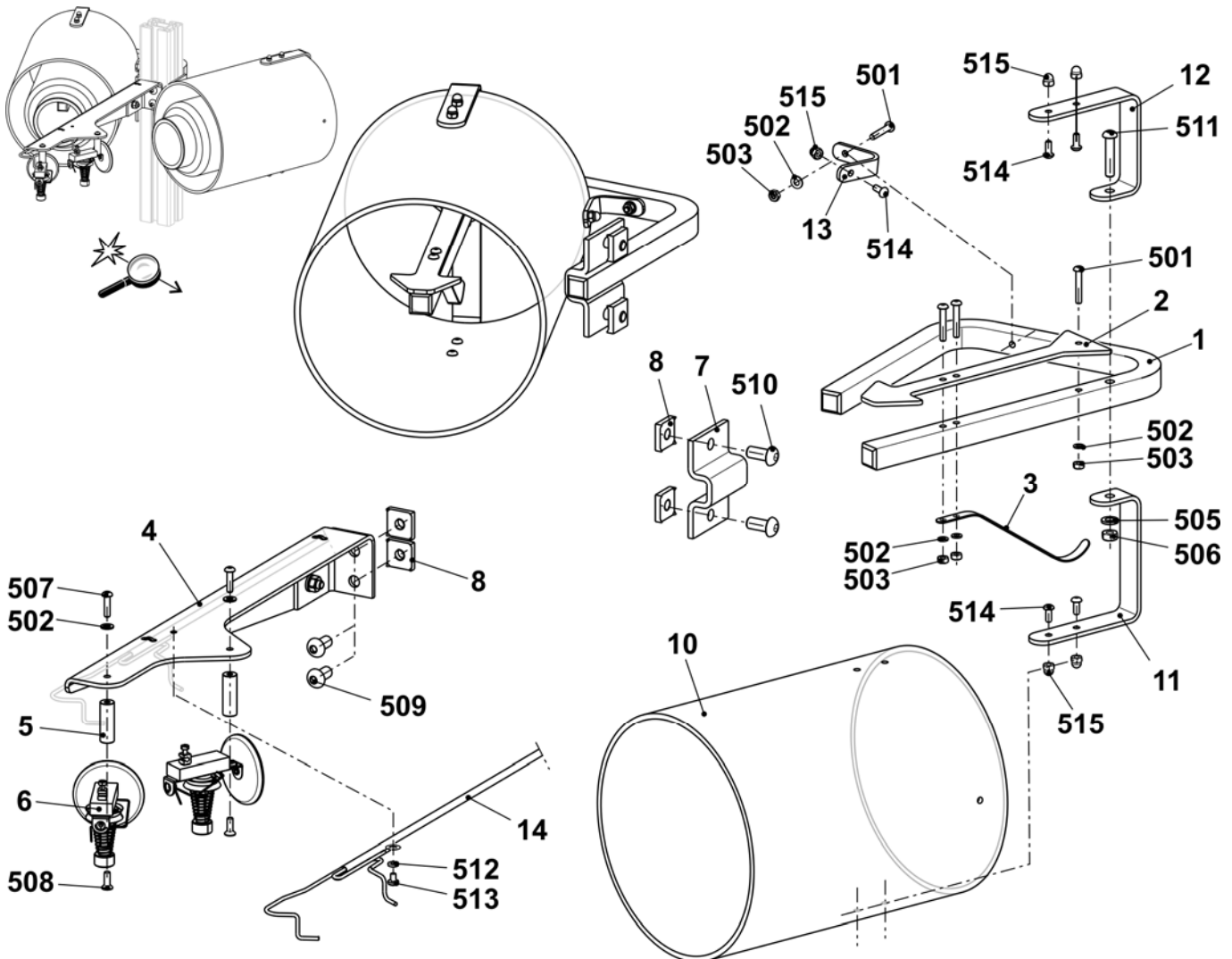
Feed wheel SFE

Pos	Designation	ID	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	Transfo with cable	231 979	
2	Mounted set SFE without transformer	231 980	
2a	Feed wheel SFE	231 537	



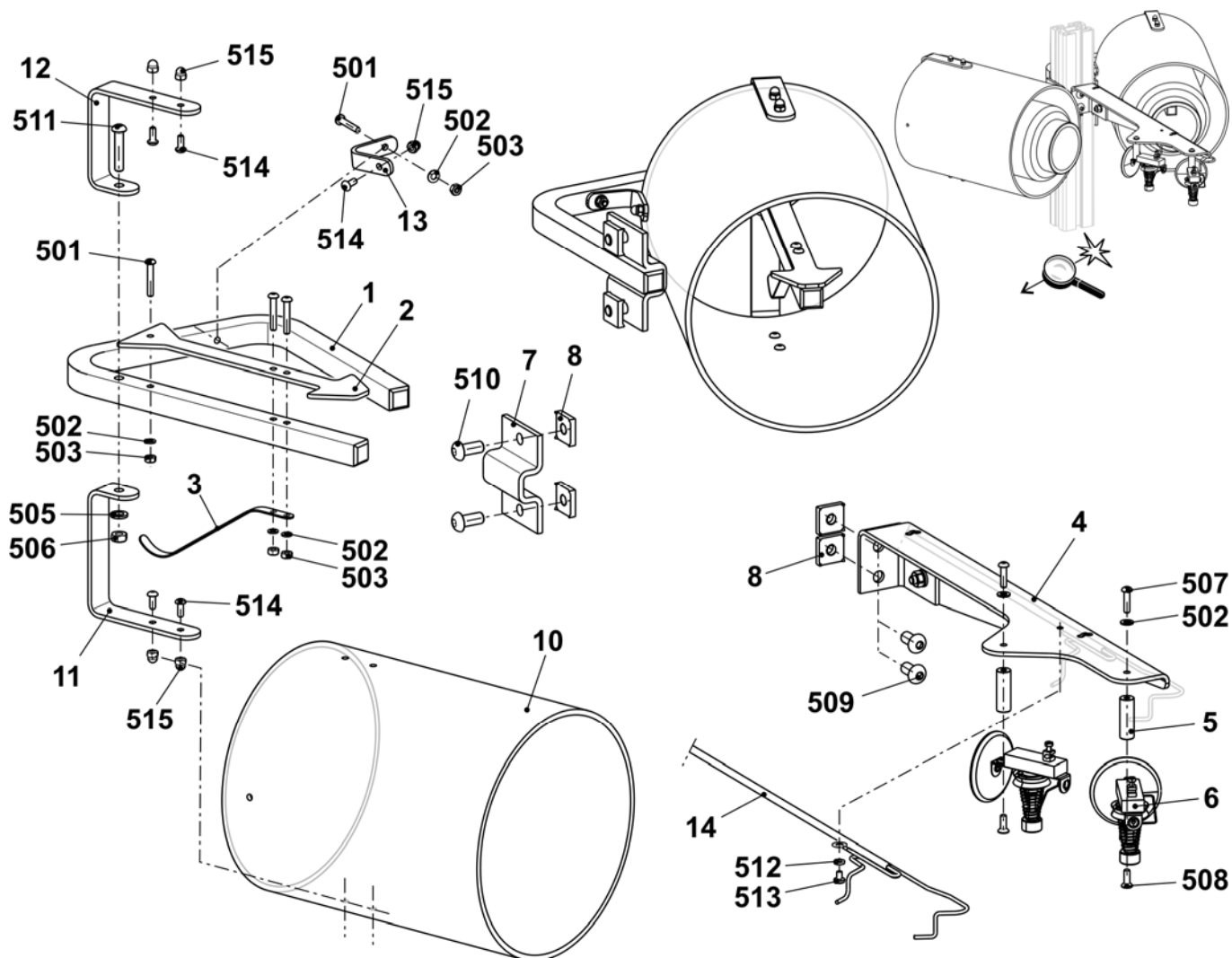
Bobbin holder on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the left	253 965	501	Countersunk screw M4x25	023 511
1	Support	253 969	502	U-washer 4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	U-washer 6	022 431
4	Support left	253 347	506	Hexagon nut M6-6	022 899
5	Spacer	253 349	507	Countersunk screw M4x16	023 412
6	Yarn detector Massardi	226 964	508	Countersunk screw M4x12	023 062
7	Clamp	228 583	509	Countersunk screw M8x16	023 113
8	Sliding block	228 851	510	Countersunk screw M8x18	251 331
10	Cover	253 968	511	Countersunk screw M6x30	023 451
11	Support angle	253 964	512	Disc A4,3	022 482
12	Support angle	253 963	513	Countersunk screw M4x6	022 946
13	Support angle	253 967	514	Countersunk screw M4x10	023 450
14	Cable plating	253 468	515	Cap nut M4-6	253 805



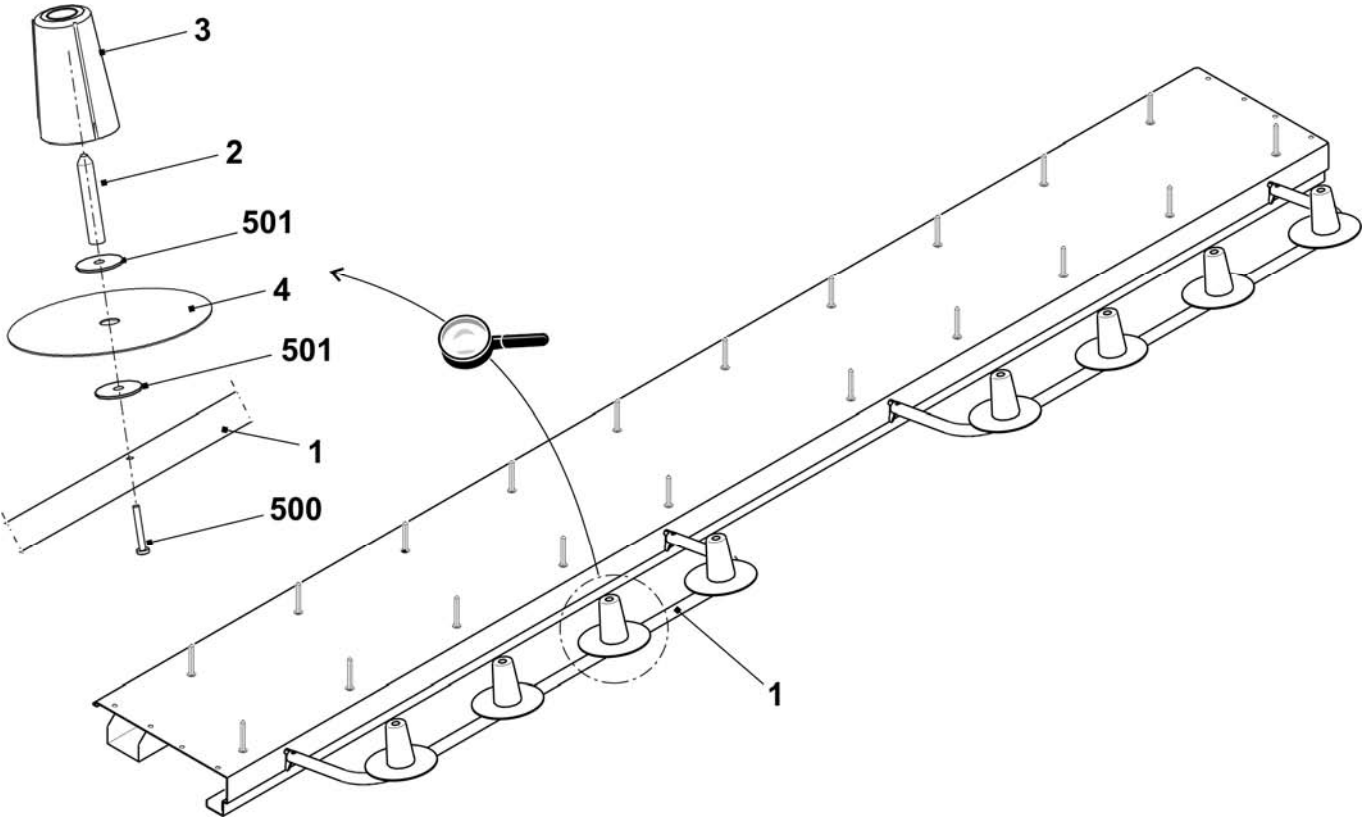
Bobbin holder on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the right	253 966	501	Countersunk screw M4x25	023 511
1	Support	253 969	502	U-washer 4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	U-washer 6	022 431
4	Support right	253 348	506	Hexagon nut M6-6	022 899
5	Spacer	253 349	507	Countersunk screw M4x16	023 412
6	Yarn detector Massardi	226 964	508	Countersunk screw M4x12	023 062
7	Clamp	228 583	509	Countersunk screw M8x16	023 113
8	Sliding block	228 851	510	Countersunk screw M8x18	251 331
10	Cover	253 968	511	Countersunk screw M6x30	023 451
11	Support angle	253 964	512	Disc A4,3	022 482
12	Support angle	253 963	513	Countersunk screw M4x6	022 946
13	Support angle	253 967	514	Countersunk screw M4x10	023 450
14	Cable plating	253 468	515	Cap nut M4-6	253 805



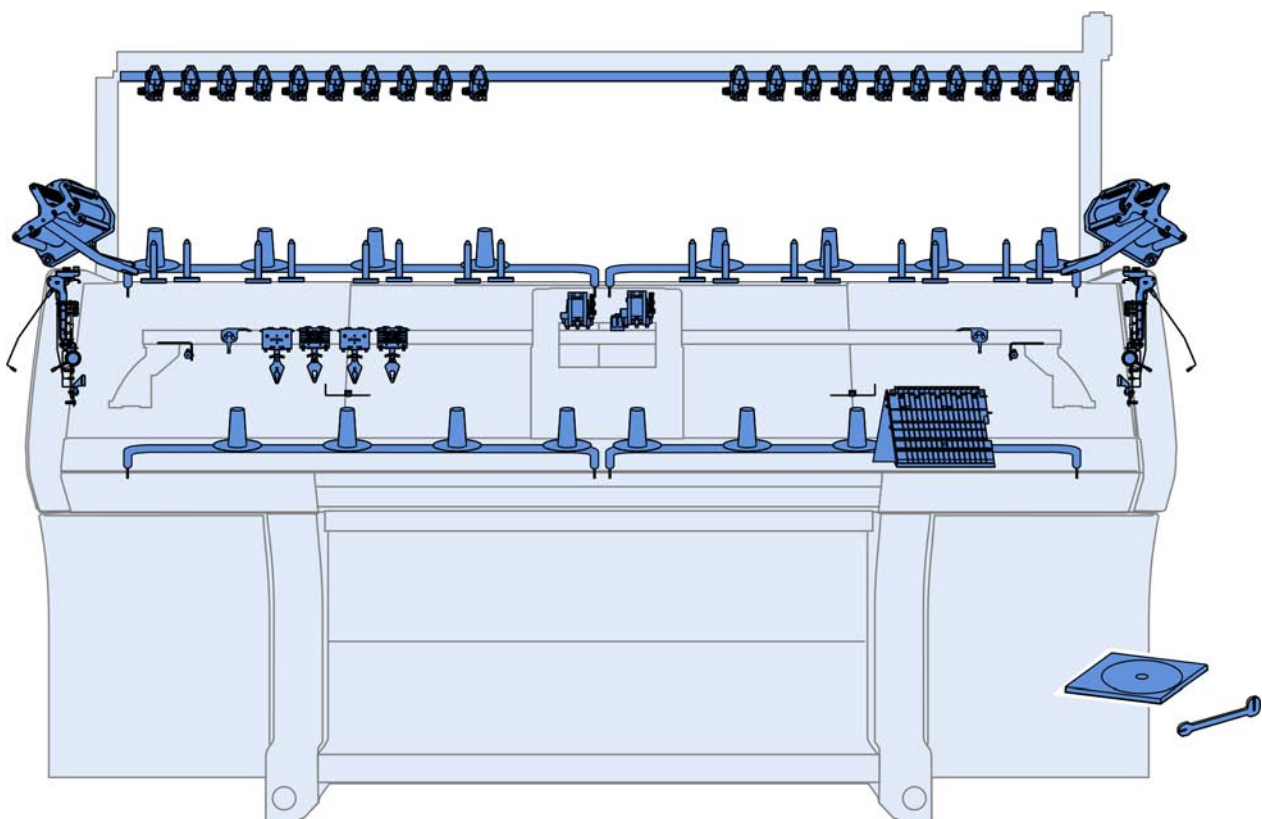
Additional board

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional board	241 852			
1	Additional board welded	241 851	4	Disc D=130	062 385
2	Positioning pin	202 777	500	Pan-head screw M4x30	023 681
3	Bobbin support	200 363	501	Washer 5.3x30x1.25	023 556



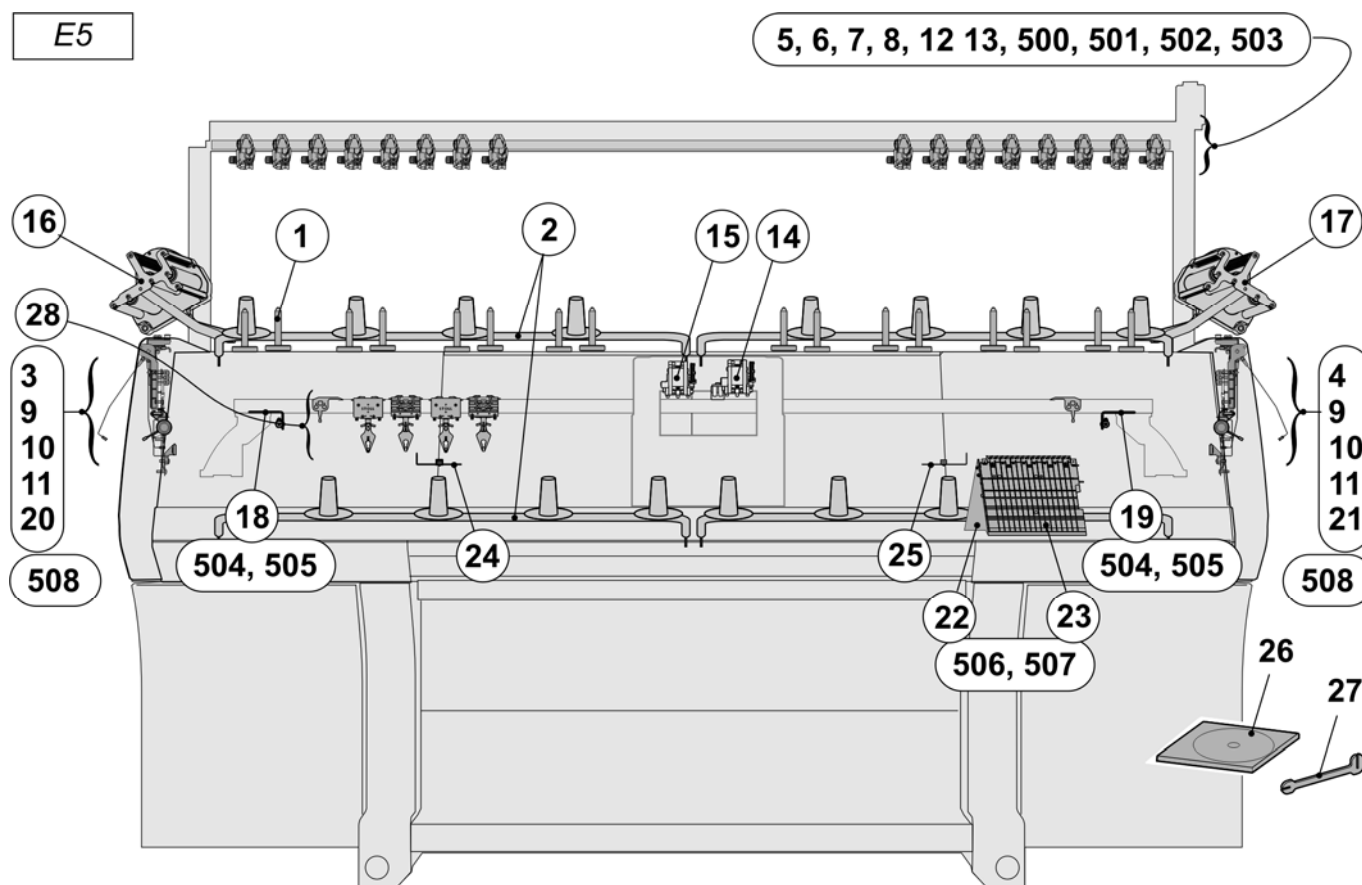
Conversion kit 32 IYC type 2

Designation	ID
Conversion kit 32 OIFF E5 + E3,5.2 + E5.2	254 896
Conversion kit 32 OIFF E7 + E8 + E6.2	254 897
Conversion kit 32 OIFF E10 + E12 + E14 + E7.2	254 898
Conversion kit 32 OIFF E16 + E18	254 899



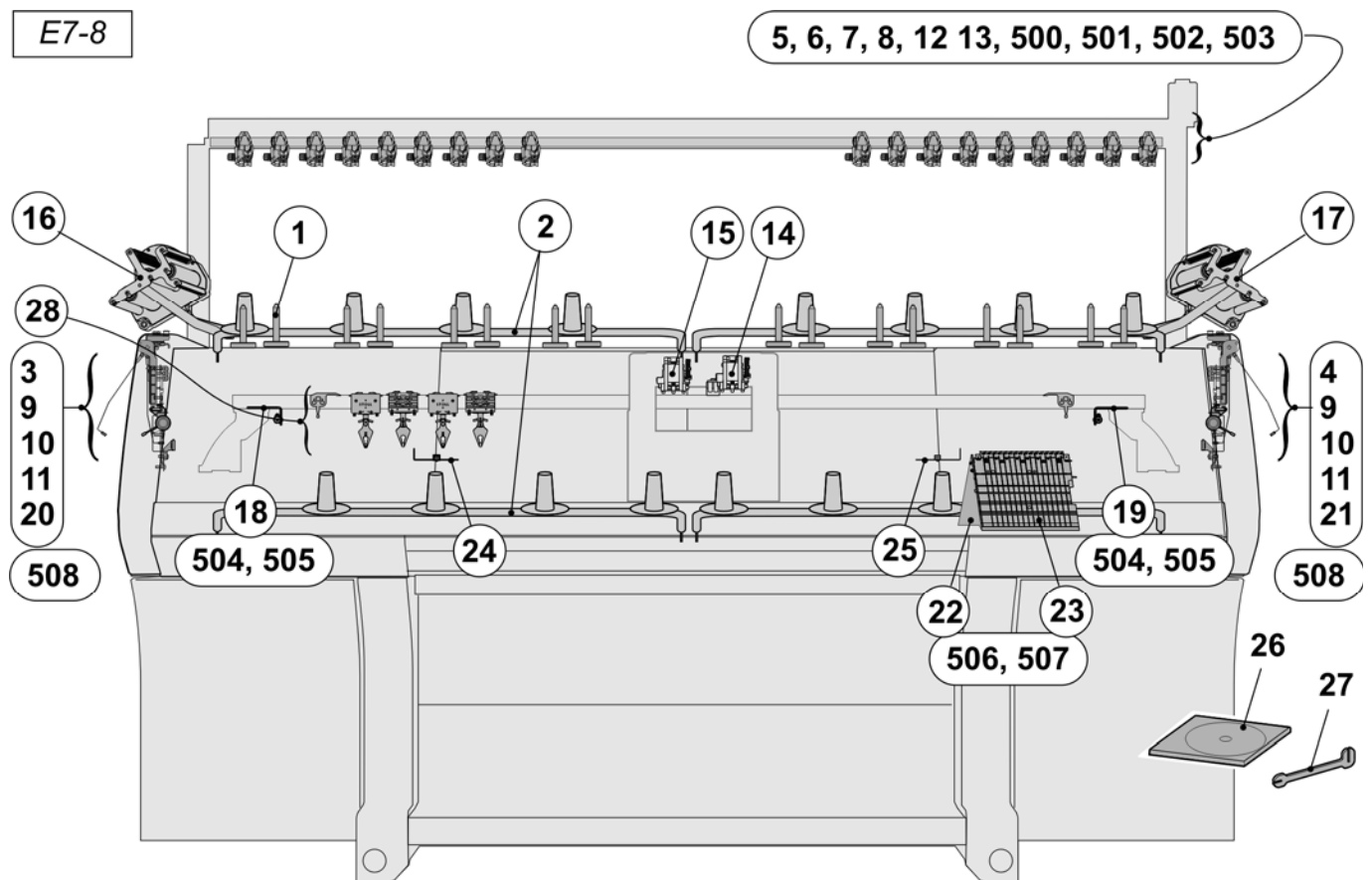
Overview of conversion kit E5 + E3,5.2 + E 5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 OIFF E5 + E3,5.2 + E 5.2	254 896	19	Yarn deflector on the right complete	244 521
1	Magnetic support complete	229 373	20	Deflector on the left complete	223 316
2	Additional bobbin board 50" IYC complete	244 424	21	Deflector on the right complete	223 049
3	Yarn tensioner on the left complete E5	244 498	22	Left clamping/cutting bed E5-8	253 653
4	Yarn tensioner on the right complete E5	244 501	23	Right clamping/cutting bed E5-8	253 652
5	Yarn guide bar 50"	240 324	24	Yarn brake on the left	245 031
6	Support on the left	243 602	25	Yarn brake on the right	245 032
7	Support on the right	243 603	26	DVD instructions conversion kit IYC	245 169
8	Support	239 295	27	Adjusting part for yarn carrier bow	250 119
9	Yarn brake complete	244 347	28	Yarn guide complete E5 IYC	245 161
10	Clamping bow	244 409	500	Self-locking screw M6x12	023 415
11	Ceramic eyelet	240 640	501	Ribbed safety nut M6-10	023 414
12	Yarn control device	237 124	502	Square nut M8	023 269
13	Yarn guide bracket complete	241 581	503	Countersunk screw M8x16	023 113
14	YC driving in the middle complete	245 298	504	Cap screw M6x14	022 658
15	YC driving outside complete	245 297	505	U-washer 6	020 881
16	Friction feed wheel on the left co. 16-fold	244 991	506	Setting pin 6x16	020 677
17	Friction feed wheel on the right co. 16-fold	244 992	507	Screw M6x20	244 824
18	Yarn deflector on the left complete	244 517	508	Screw KB60X20	237 682



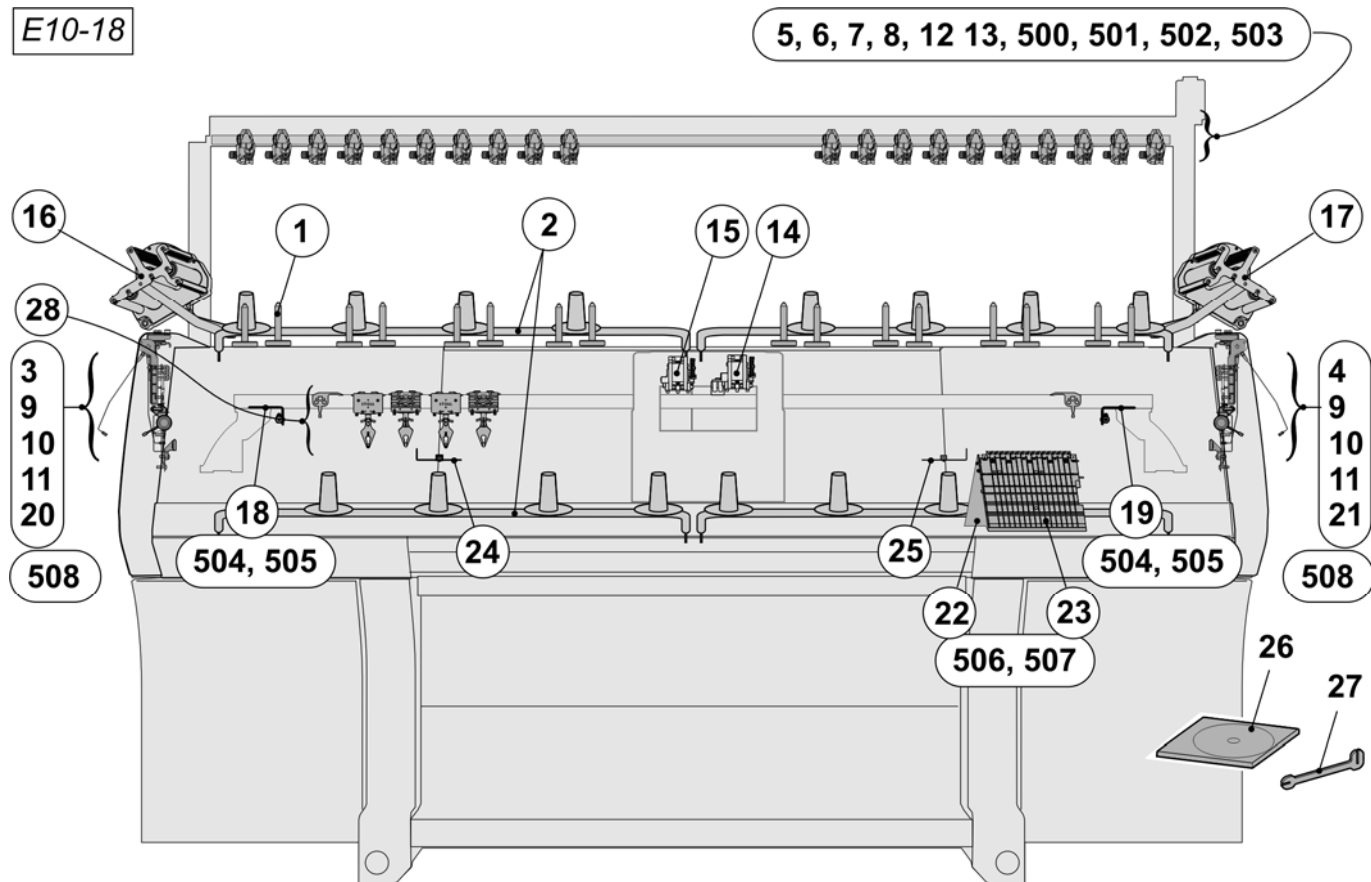
Overview of conversion kit E7 + E8 + E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 OIFF E7 + E8 + E6.2	254 897	19	Yarn deflector on the right complete	244 521
1	Magnetic support complete	229 373	20	Deflector on the left complete	223 316
2	Additional bobbin board 50" IYC complete	244 424	21	Deflector on the right complete	223 049
3	Yarn tensioner on the left complete E7-8	244 499	22	Left clamping/cutting bed E5-8	253 653
4	Yarn tensioner on the right complete E7-8	244 502	23	Right clamping/cutting bed E5-8	253 652
5	Yarn guide bar 50"	240 324	24	Yarn brake on the left	245 031
6	Support on the left	243 602	25	Yarn brake on the right	245 032
7	Support on the right	243 603	26	DVD instructions conversion kit IYC	245 169
8	Support	239 295	27	Adjusting part for yarn carrier bow	250 119
9	Yarn brake complete	244 347	28	Yarn guide complete E7-8 IYC	245 164
10	Clamping bow	244 409	500	Self-locking screw M6x12	023 415
11	Ceramic eyelet	240 640	501	Ribbed safety nut M6-10	023 414
12	Yarn control device	237 124	502	Square nut M8	023 269
13	Yarn guide bracket complete	241 581	503	Countersunk screw M8x16	023 113
14	YC driving in the middle complete	245 298	504	Cap screw M6x14	022 658
15	YC driving outside complete	245 297	505	U-washer 6	020 881
16	Friction feed wheel on the left co. 16-fold	244 991	506	Setting pin 6x16	020 677
17	Friction feed wheel on the right co. 16-fold	244 992	507	Screw M6x20	244 824
18	Yarn deflector on the left complete	244 517	508	Screw KB60X20	237 682



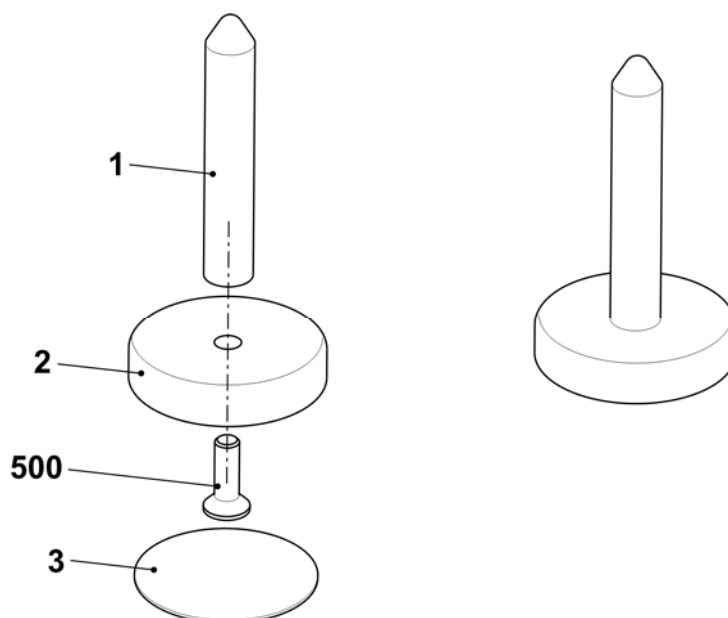
Overview of conversion kit E10 + E12 + E14 + E16 + E18 + E7.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 OIFF E10 + E12 + E14 + E7.2	254 898	20	Deflector on the left complete	223 316
	Conversion kit 32 OIFF E16 + E18	254 899	21	Deflector on the right complete	223 049
1	Magnetic support complete	229 373	22	Left clamping/cutting bed E10-14	253 655
2	Additional bobbin board 50" IYC complete	244 424		Left clamping/cutting bed E16-18	244 821
3	Yarn tensioner on the left complete E10-18	244 500	23	Right clamping/cutting bed E10-14	253 654
4	Yarn tensioner on the right complete E10-18	244 503		Right clamping/cutting bed E16-18	244 062
5	Yarn guide bar 50"	240 324	24	Yarn brake on the left	245 031
6	Support on the left	243 602	25	Yarn brake on the right	245 032
7	Support on the right	243 603	26	DVD instructions conversion kit IYC	245 169
8	Support	239 295	27	Adjusting part for yarn carrier bow	250 119
9	Yarn brake complete	244 347	28	Yarn guide complete E10-14 IYC	245 163
10	Clamping bow	244 409		Yarn guide complete E16-18 IYC	245 164
11	Ceramic eyelet	240 640	500	Self-locking screw M6x12	023 415
12	Yarn control device	237 124	501	Ribbed safety nut M6-10	023 414
13	Yarn guide bracket complete	241 581	502	Square nut M8	023 269
14	YC driving in the middle complete	245 298	503	Countersunk screw M8x16	023 113
15	YC driving outside complete	245 297	504	Cap screw M6x14	022 658
16	Friction feed wheel on the left co. 16-fold	244 991	505	U-washer 6	020 881
17	Friction feed wheel on the right co. 16-fold	244 992	506	Setting pin 6x16	020 677
18	Yarn deflector on the left complete	244 517	507	Screw M6x20	244 824
19	Yarn deflector on the right complete	244 521	508	Screw KB60X20	237 682



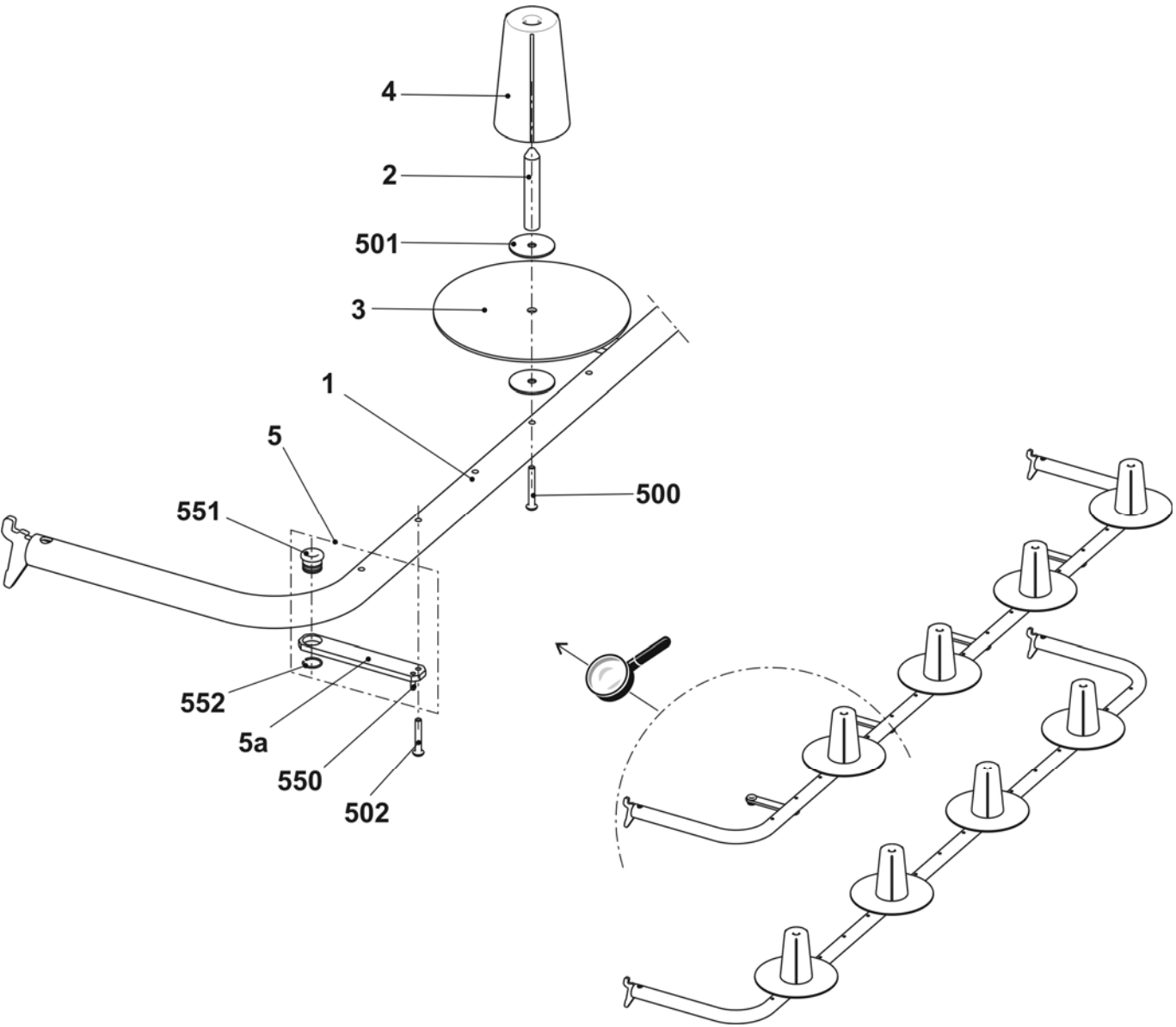
Magnetic support

Pos	Designation	ID	Pos	Designation	ID
Σ	Magnetic support complete	229 373			
1	Positioning pin	229 345	3	Felted round blank sheet 37mm	245 165
2	Flat gripper Pg40l	227 311	500	Countersunk head screw M5x16	023 417



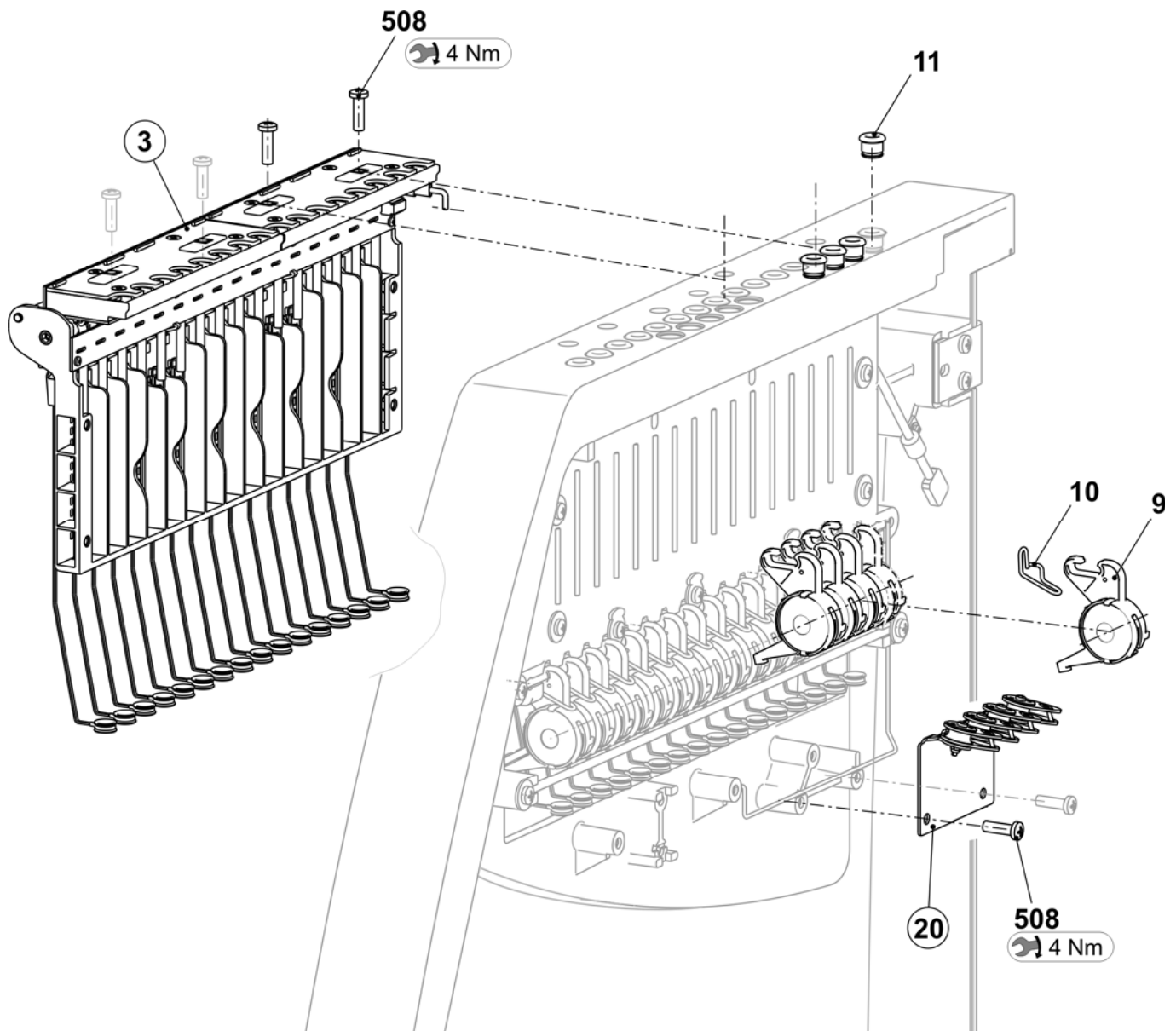
Additional board (top, bottom)

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional board 50" IYC complete	244 424			
1	Additional board welded	243 608	5	550 Setting pin 3x12	020 647
2	Positioning pin	202 777		551 Eyelet	021 504
3	Disc D=130	062 385		552 Snap ring A12	020 996
4	Bobbin support	200 363	500	Countersunk screw M4x30	023 681
5	Yarn guide	243 765	501	Washer 5.3x30x1.25	023 556
	5a Guiding part	243 623	502	Countersunk screw M4x25	023 511



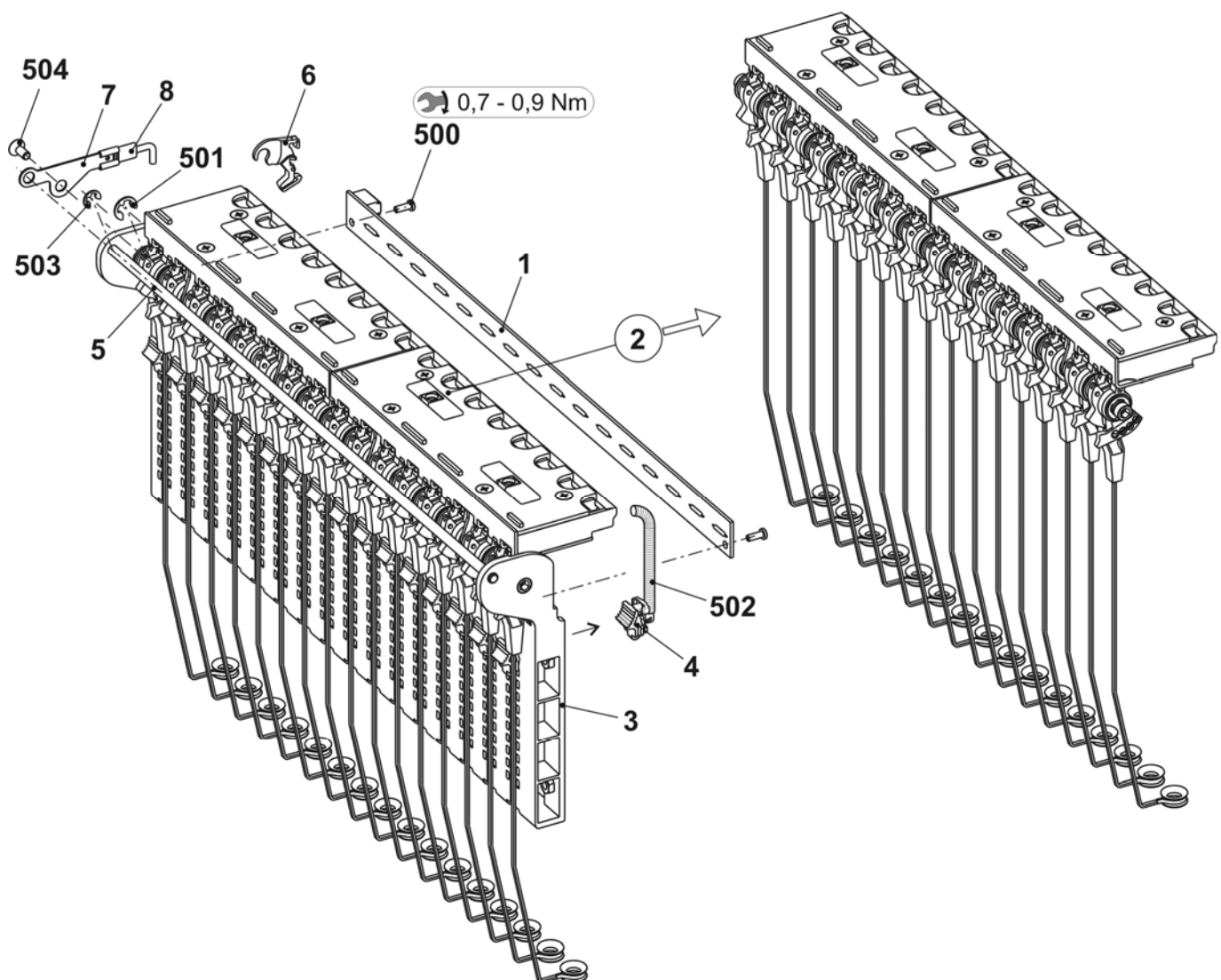
Parts for the left safety cover

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the left complete		10	Clamping bow	244 409
	E5 + E3,5.2 + E5.2	244 498	11	Ceramic eyelet	240 640
	E7 + E8 + E6.2	244 499	20	Deflector on the left complete	223 316
	E10 + E12 + E14 + E16 + E18	244 500	508	Screw KB60X20	237 682
9	Yarn brake complete	244 347			



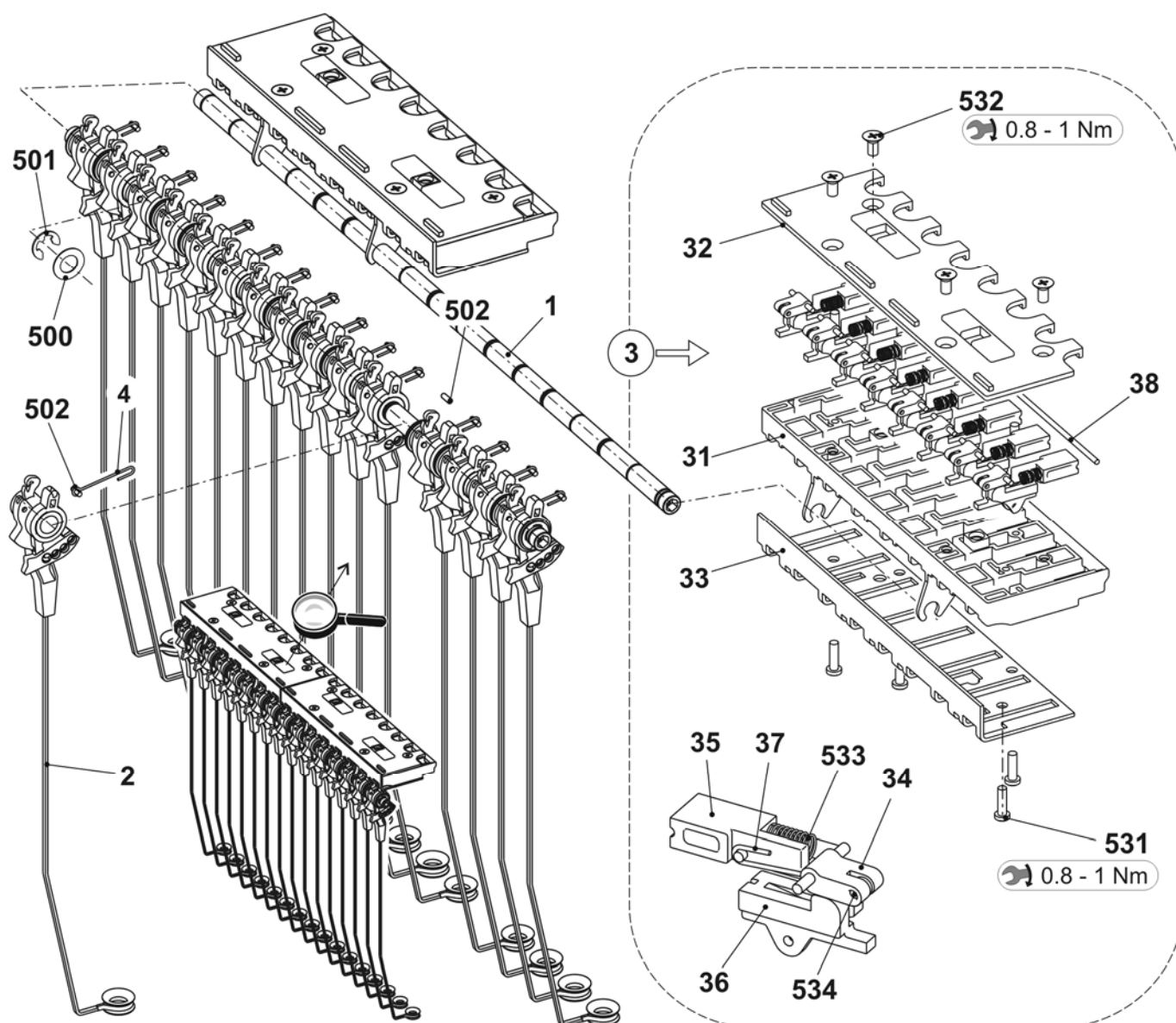
Yarn tensioner on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the left complete				
	E5 + E2,5.2 + E3,5.2 + E5.2	244 498	6	Spacer	242 048
	E7 + E8 + E6.2	244 499	7	Grounding sheet metal of tension axle	243 121
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2	244 500	8	Ground cable yarn tensioner OKC	243 105
1	Card yarn tensioner 16-fold on the left	241 345	500	Screw KB30x8	236 228
2	Tension axle complete		501	Circlip	021 022
	E3-8	244 494	502	Tension spring 5.05x0.55x53 (E3-5)	023 502
	E10-18	244 495		Tension spring 4.9x0.5x53 (E7-8)	023 503
3	Housing	241 367		Tension spring 4.9x0.45x53 (E10-18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



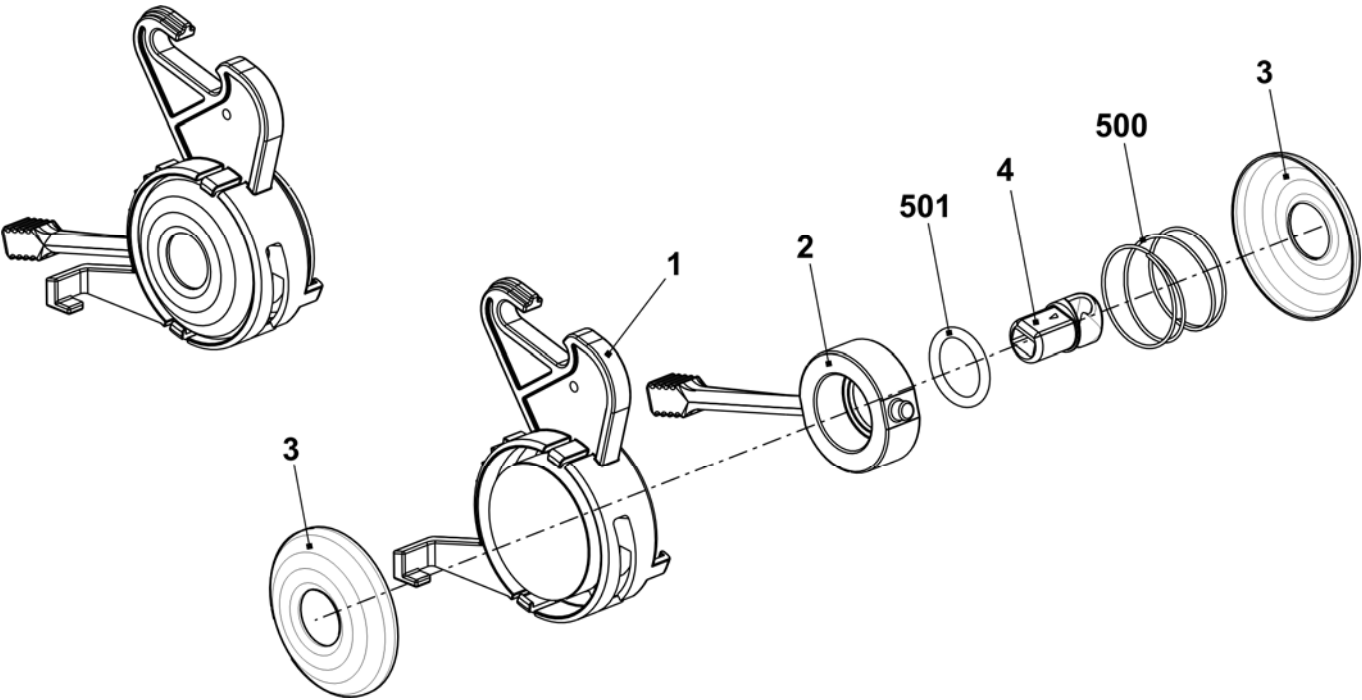
Tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle complete		3	Thread clamp AKF	238 695
	E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2	244 494	31	Housing AKF	238 689
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2	244 495	32	Cover AKF	237 926
1	Axle	244 522	33	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled		34	Lever AKF	238 692
	E3 – E8	242 770	35	Thrust piece AKF	238 690
	E10 – E18	242 771	36	Slider AKF	238 691
4	Wire bow	238 694	37	Wire bow	238 694
500	Shim ring 8x14x0.5	023 501	38	Wire	237 940
501	Circlip	021 022	531	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	532	Screw KB 40x8	236 227
			533	Compression spring 0.30x4.50x18.50	241 437
			534	Grooved pin 2x6	243 172



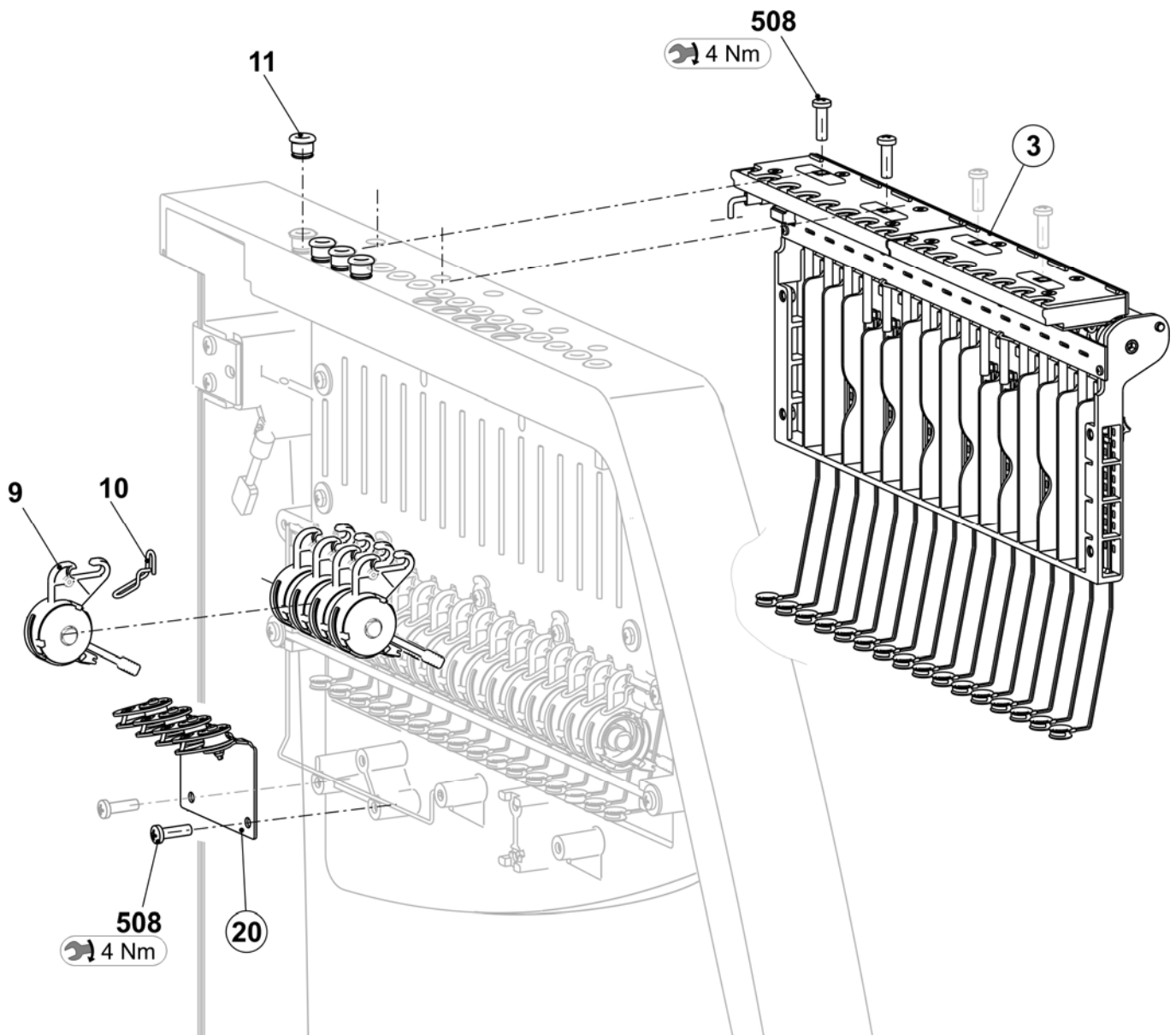
Yarn brake

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn brake complete	244 347			
1	Support	240 607	4	Ceramic eyelet open	243 778
2	Slider	240 606	500	Compression spring 0.65x20.15x14.80	241 361
3	Brake disk	244 355	501	O-ring 11x2	241 434



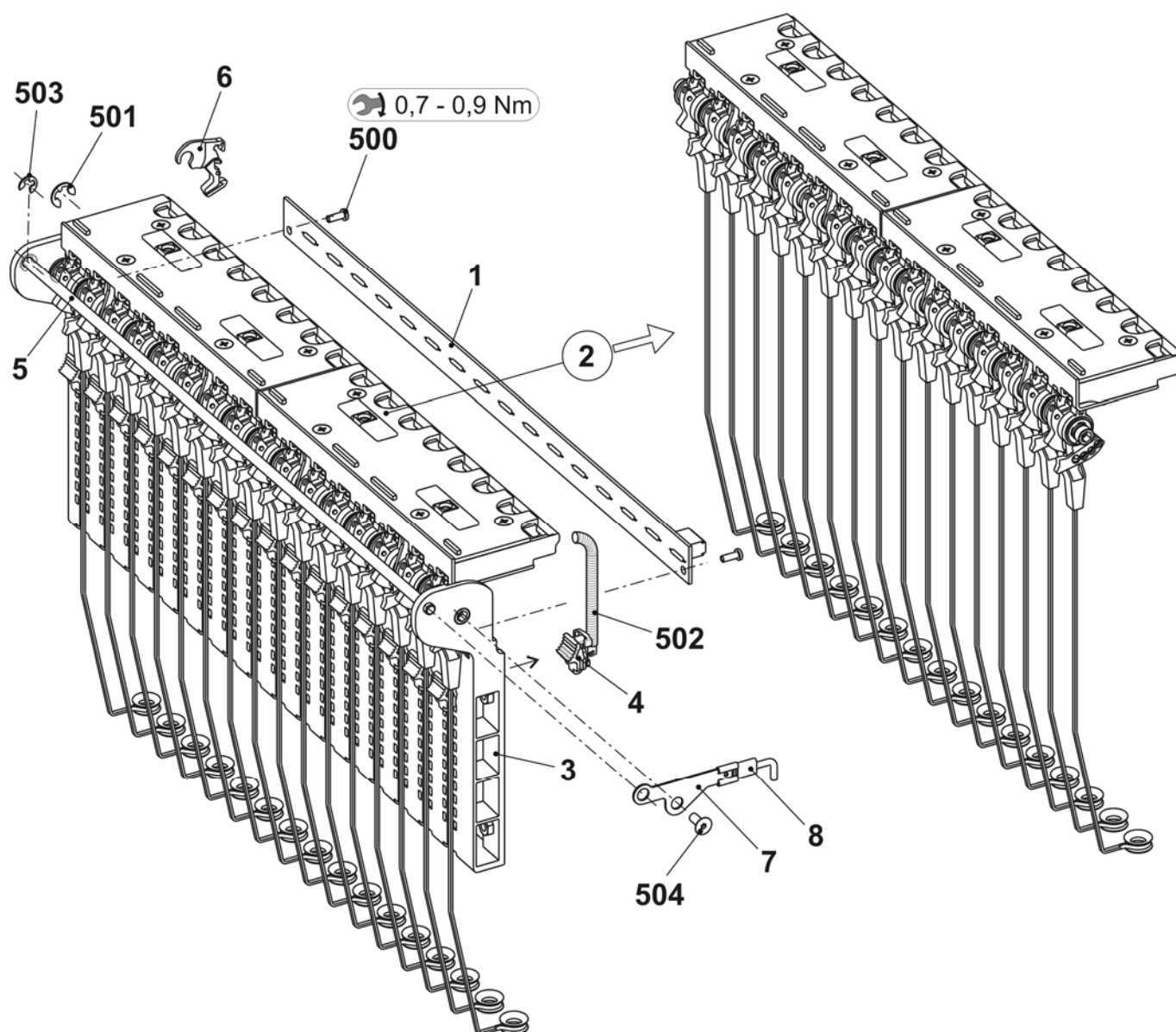
Parts for the right safety cover

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the right complete		10	Clamping bow	244 409
	E5 + E3,5.2 + E5.2	244 501	11	Ceramic eyelet	240 640
	E7 + E8 + E6.2	244 502	20	Deflector on the right complete	223 049
	E10 + E12 + E14 + E16 + E18	244 503	508	Screw KB60X20	237 682
9	Yarn brake complete	244 347			



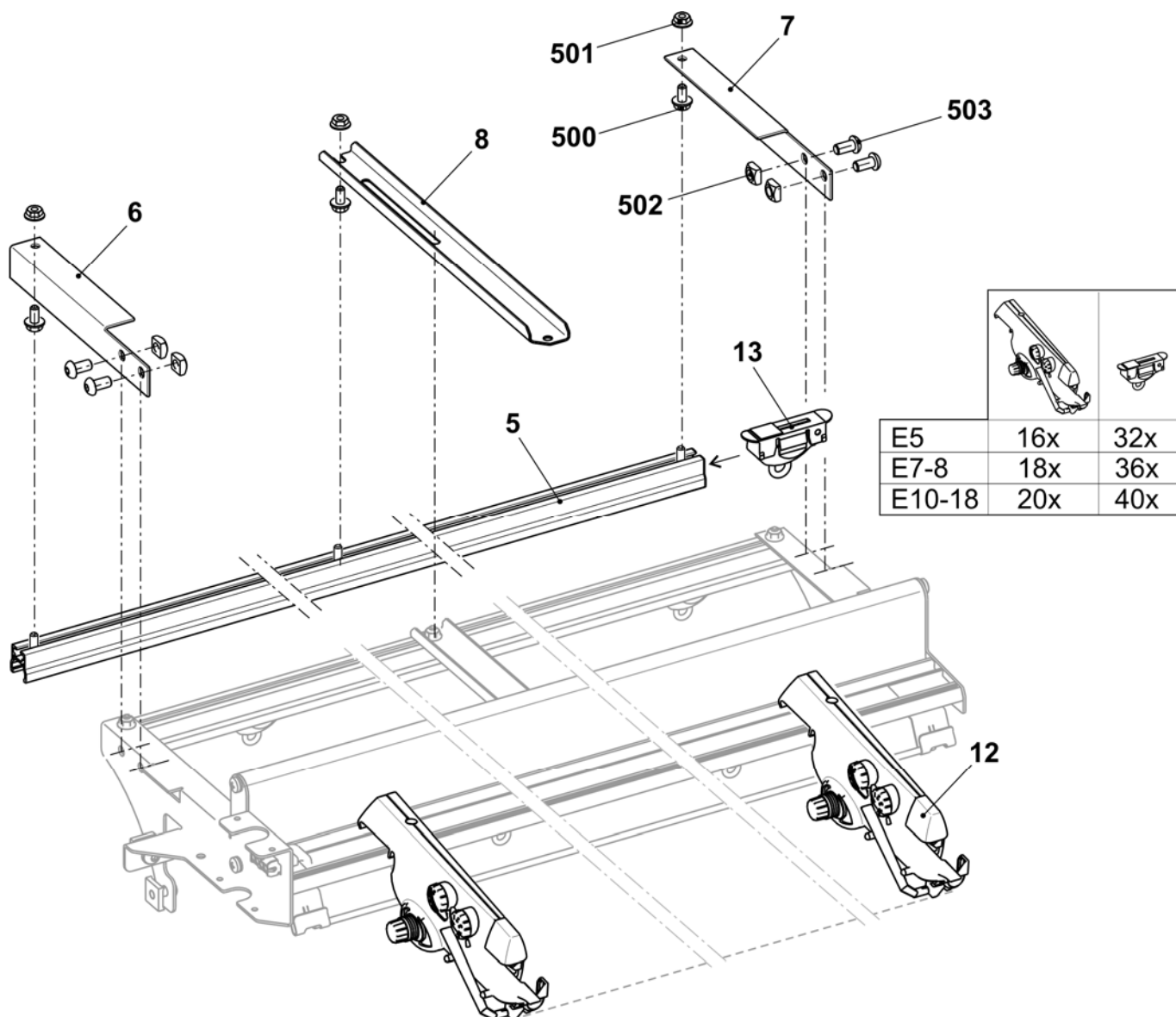
Yarn tensioner on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the right complete				
	E5 + E2,5.2 + E3,5.2 + E5.2	244 501	6	Spacer	242 048
	E7 + E8 + E6.2	244 502	7	Grounding sheet metal of tension axle	243 121
	E10 + E12 + E14 + E16 + E18 + E7.2 + E8.2	244 503	8	Ground cable yarn tensioner OKC	243 105
1	Card yarn tensioner 16-fold on the right	241 346	500	Screw KB30x8	236 228
2	Tension axle complete		501	Circlip	021 022
	E3-8	244 494	502	Tension spring 5.05x0.55x53 (E3-5)	023 502
	E10-18	244 495		Tension spring 4.9x0.5x53 (E7-8)	023 503
3	Housing	241 367		Tension spring 4.9x0.45x53 (E10-18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



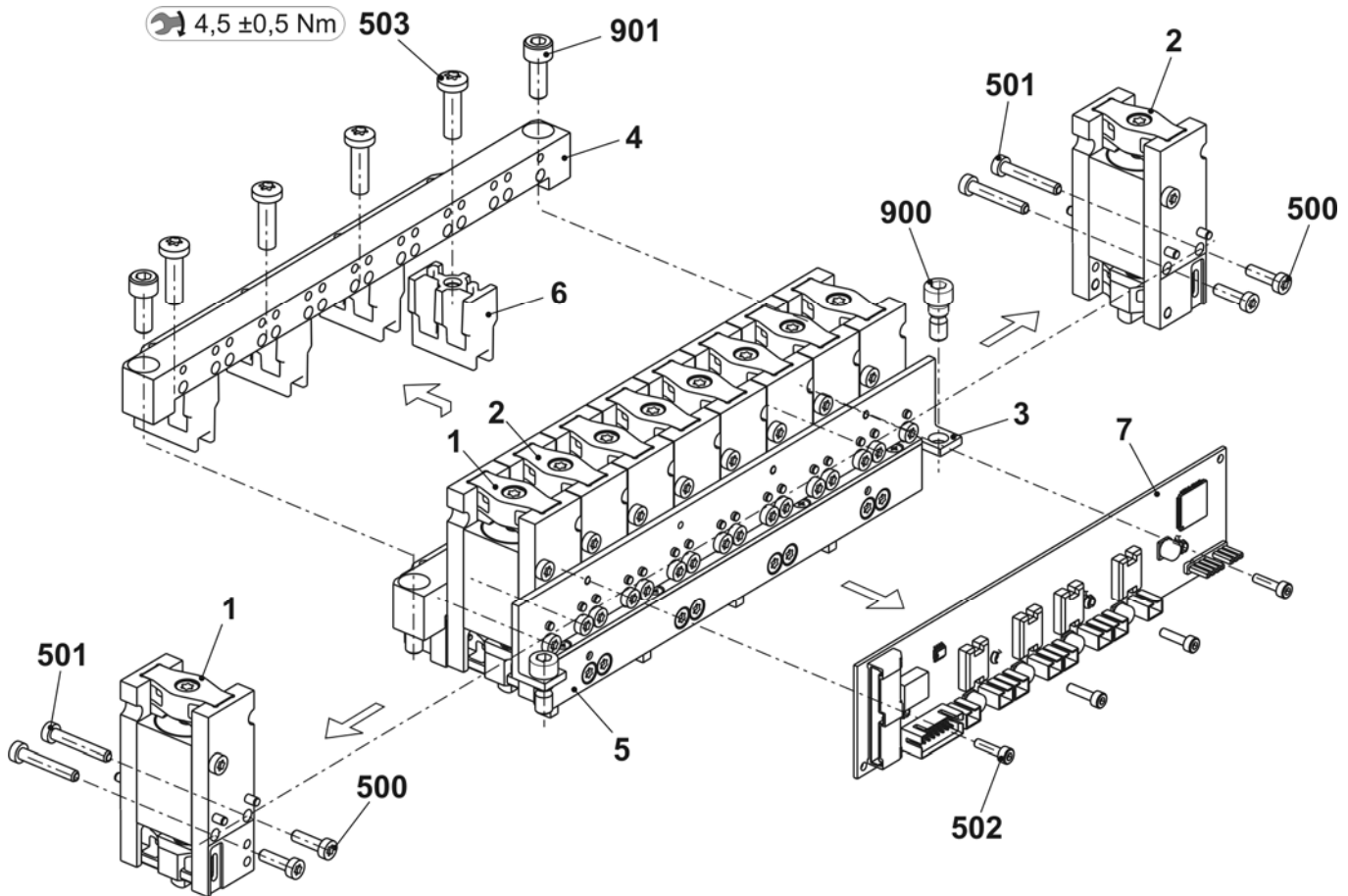
Parts for the yarn guide system

Pos	Designation	ID	Pos	Designation	ID
Σ	Parts of yarn guide system		12	Yarn guide bracket complete	241 581
5	Yarn guide bar	240 324	500	Self-locking screw M6x12	023 415
6	Support on the left	243 602	501	Ribbed safety nut M6-10	023 414
7	Support on the right	243 603	502	Square nut M8	023 269
8	Support	239 295	503	Countersunk screw M8x16	023 113
11	Yarn control device	237 124			



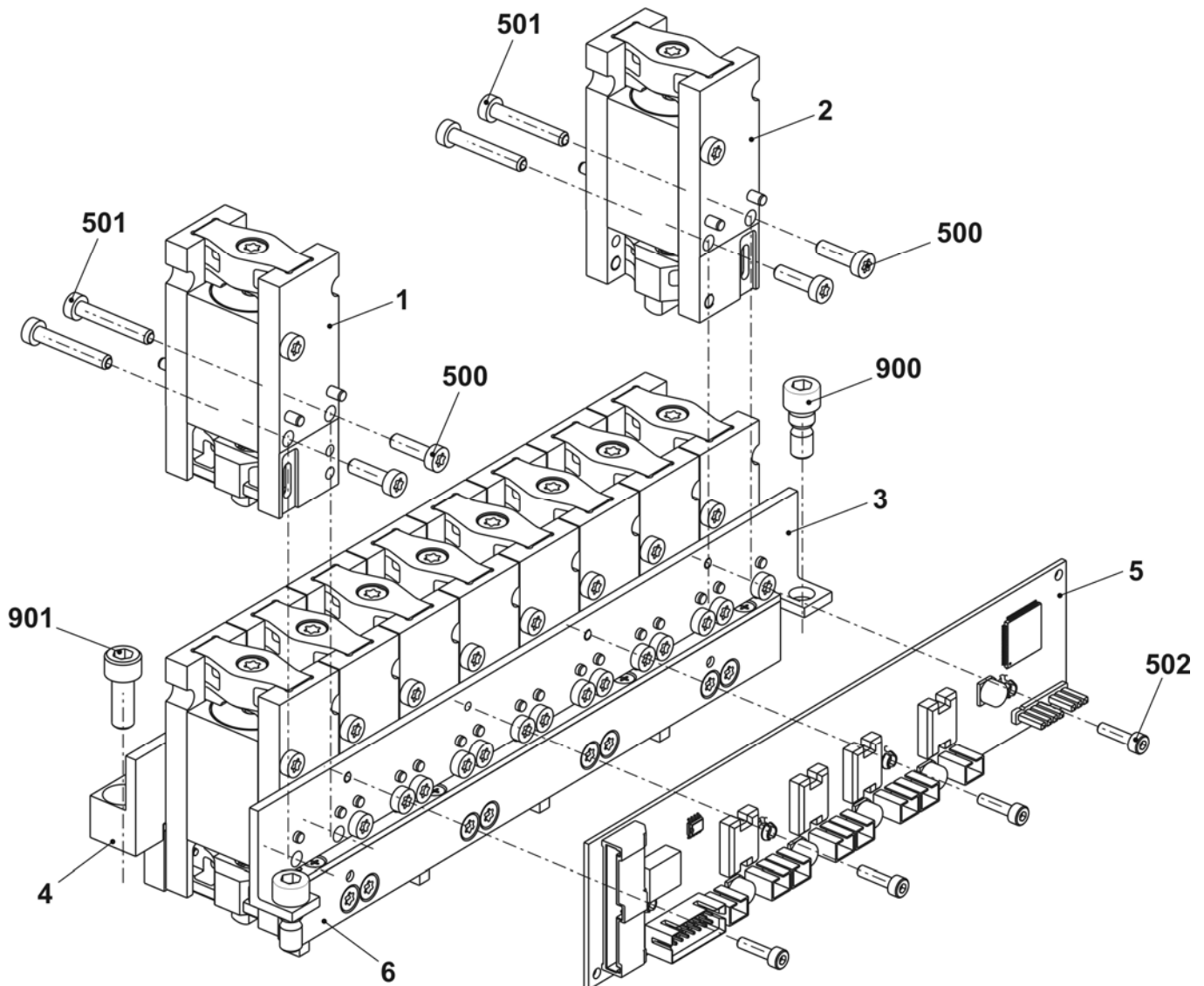
Driving in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving in the middle complete	245 298	7	Card yarn carrier final stages OKC	300 960
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Mounting block in the middle	245 308	503	Screw KB60X20	243 625
5	Switch mechanism	251 137	900	Shoulder screw	231 899
6	Guiding part	239 972	901	Cap screw M6x16	020 135



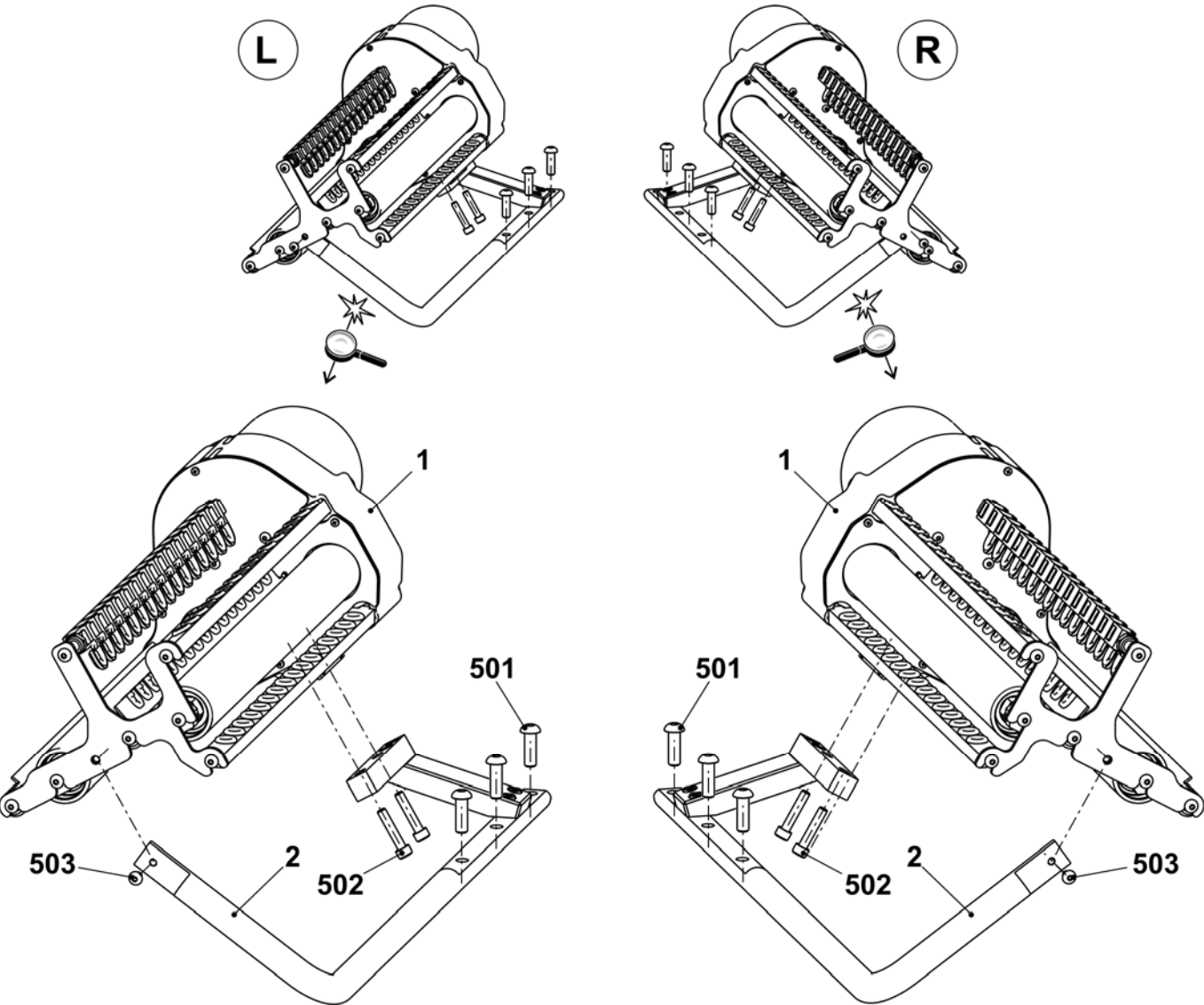
Driving outside

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving outside complete	245 297	6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Mounting block outside	245 294	900	Shoulder screw	231 899
5	Card yarn carrier final stages OKC	300 960	901	Cap screw M6x16	020 135



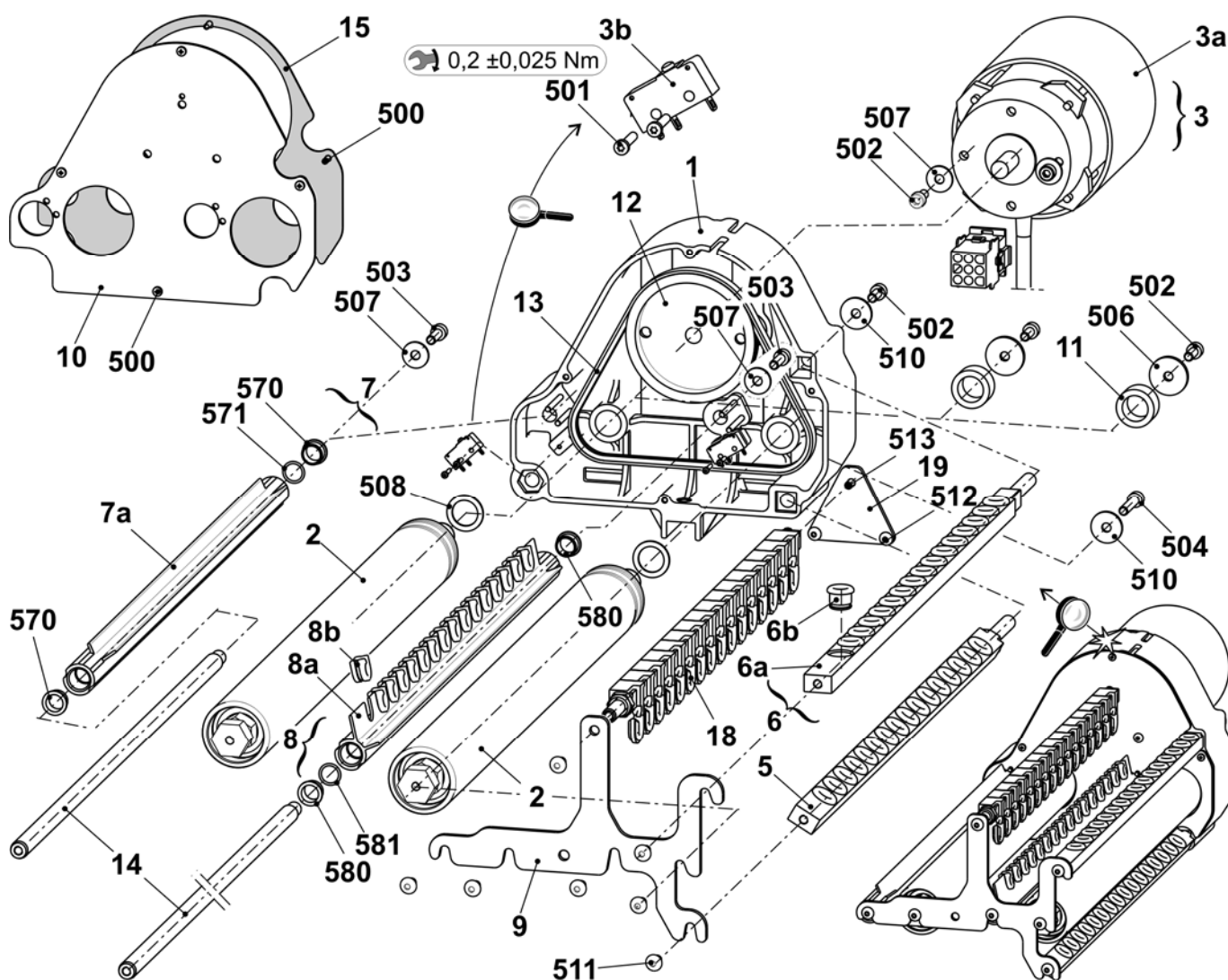
Friction feed wheel on the left and on the right complete

Pos	Designation	ID	Pos	Designation	ID
ΣL	Friction feed wheel on the left co. 16-fold	244 991	ΣR	Friction feed wheel on the right co. 16-fold	244 992
1	Friction feed wheel on the left	244 185	1	Friction feed wheel on the right	244 186
2	Support left	243 869	2	Support right	244 142
501	Countersunk screw M8x25	023 027	501	Countersunk screw M8x25	023 027
502	Cap screw M6x16	020 135	502	Cap screw M6x16	020 135
503	Countersunk screw M5x8	239 408	503	Countersunk screw M5x8	239 408



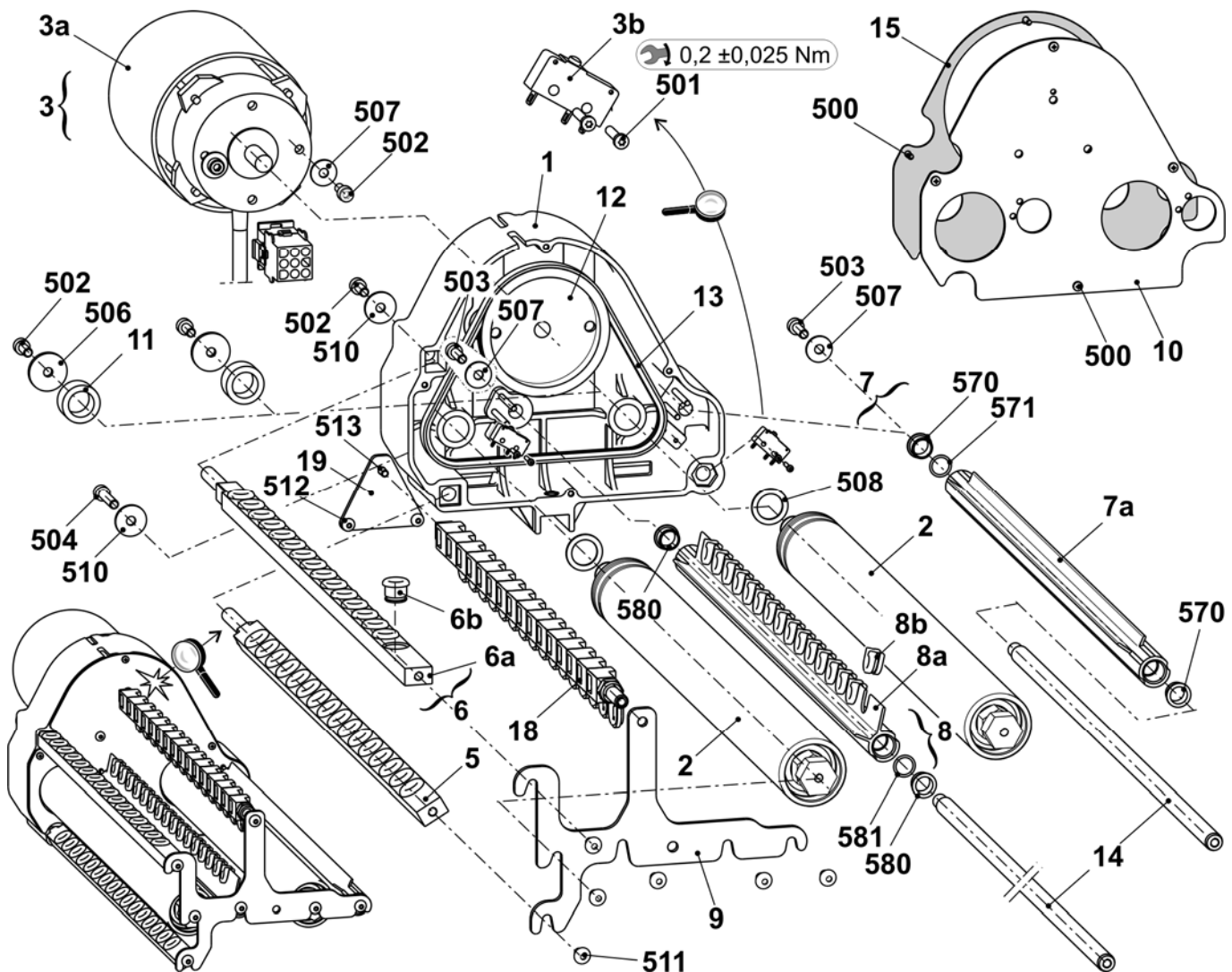
Friction feed wheel on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the left co. 16-fold	244 185	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	Ribbed V-belt pulley	221 268
3	Three-phase A.C. motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
3a	Three-phase A.C. motor	220 161	14	Rod	243 868
3b	Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 576	18	Deflector complete 16-fold	250 102
6	Yarn guide rod 16-fold complete	244 578	19	Protective plate	251 096
6a	Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
6b	Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
7a	Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
570	Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
571	O-ring 10x1.3	244 895	506	Washer 5.3x22x2.5	023 219
8	Stop motion rail on the left complete	243 865	507	U-washer 5	020 901
8a	Stop motion rail on the left	243 866	508	Shim ring 15x21x1	023 216
8b	Eyelet	230 662	510	U-washer 5	023 542
580	Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
581	O-ring 10x1.3	244 895	512	Countersunk screw M4x5	239 549
9	Strap	251 113	513	Countersunk screw M4x10	023 450



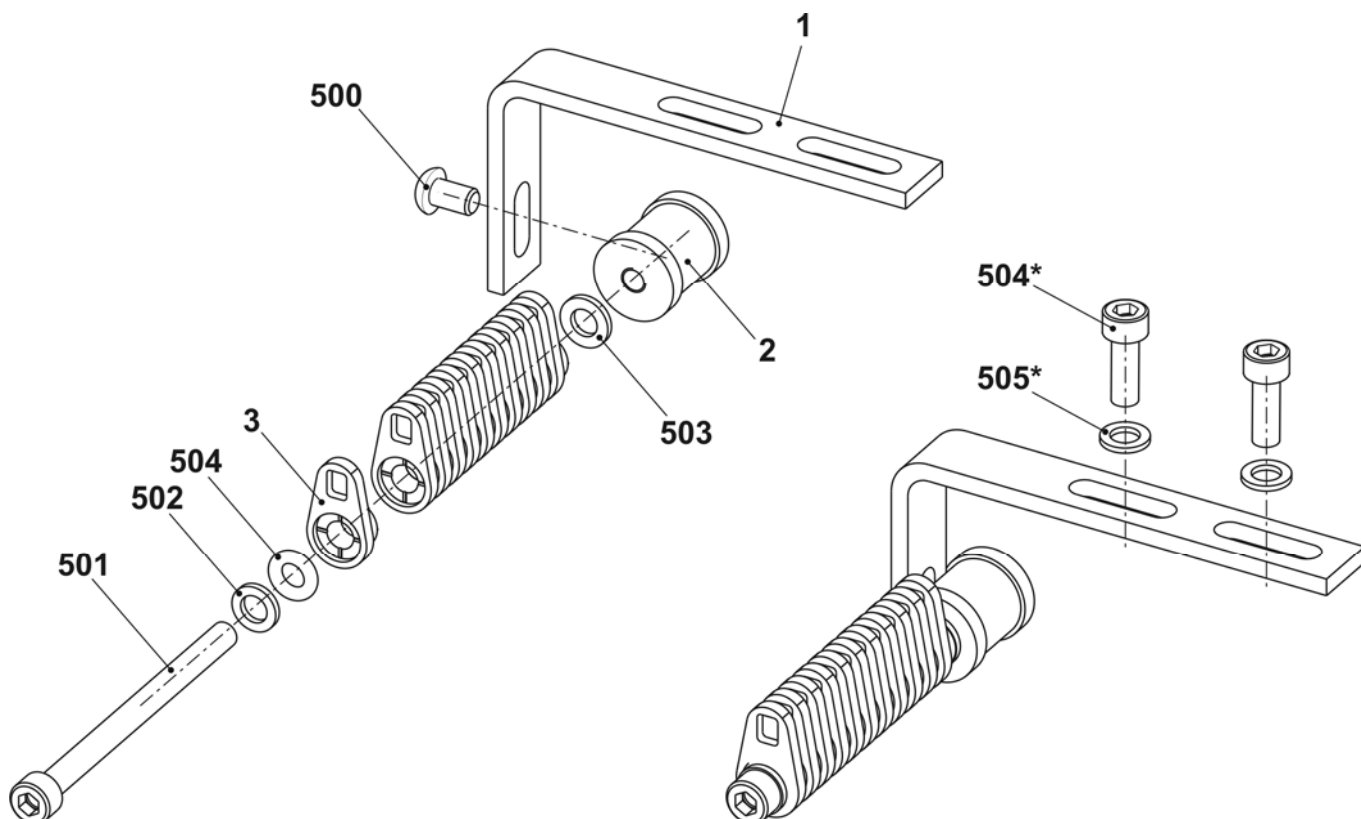
Friction feed wheel on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the right co. 16-fold	244 186	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	Ribbed V-belt pulley	221 268
3	Three-phase A.C. motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
	3a Three-phase A.C. motor	220 161	14	Rod	243 868
	3b Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 772	18	Deflector complete 16-fold	250 102
6	Yarn guide rod 16-fold complete	244 578	19	Protective plate	251 096
	6a Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
	6b Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
	570 Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
	571 O-ring 10x1.3	244 895	506	Washer 5.3x22x2.5	023 219
8	Stop motion rail on the right complete	244 530	507	U-washer 5	020 901
	8a Stop motion rail on the right	244 531	508	Shim ring 15x21x1	023 216
	8b Eyelet	230 662	510	U-washer 5	023 542
	580 Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
	581 O-ring 10x1.3	244 895	512	Countersunk screw M4x5	239 549
9	Strap	251 113	513	Countersunk screw M4x10	023 450



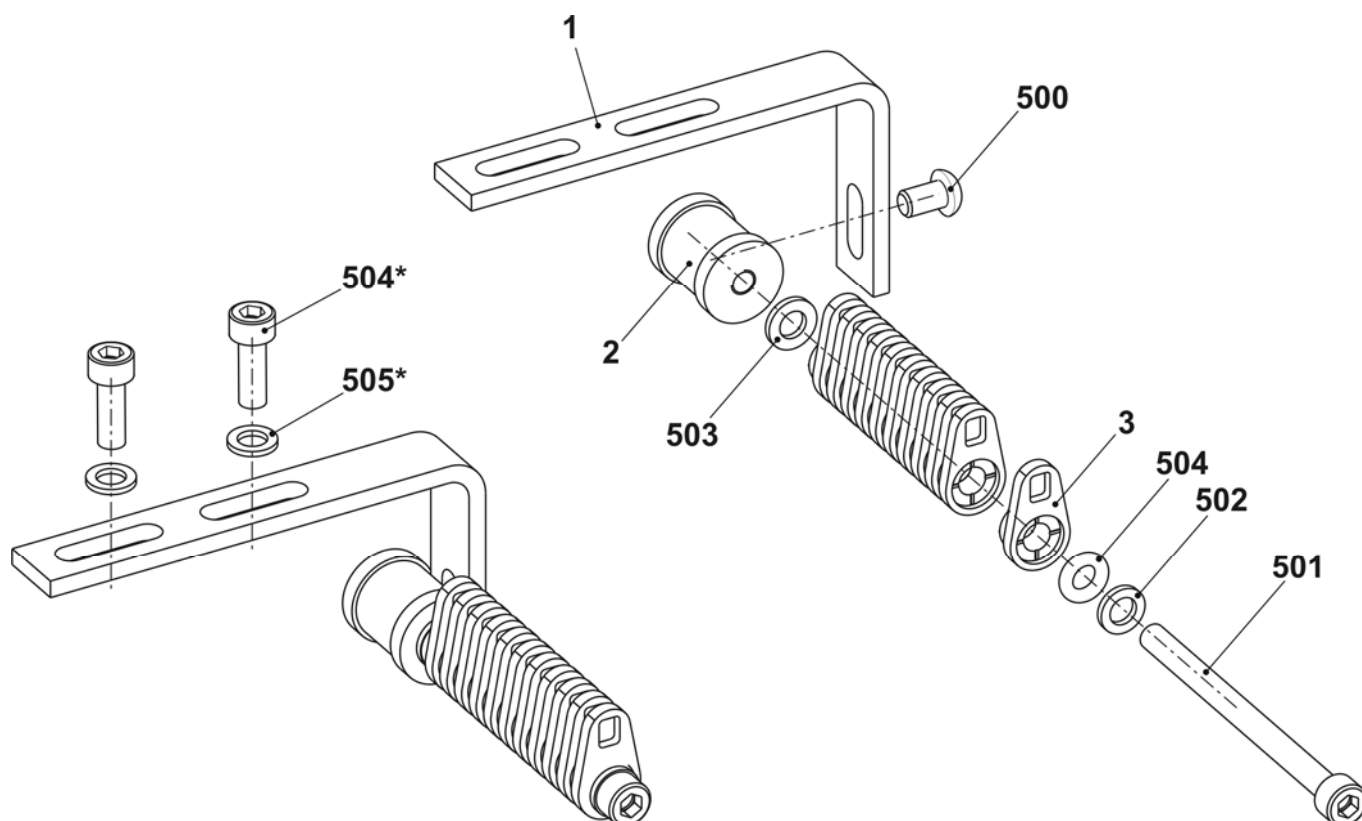
Thread deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the left complete	244 517			
1	Support angle	244 516	502	U-washer 6	020 881
2	Bolt	214 894	503	U-washer 6	022 853
3	Yarn carrier MH 6	200 127	504	O-ring 6x3	022 856
500	Countersunk screw M6x10	023 183	504*	Cap screw M6x14	022 658
501	Cap screw M6x80	023 064	505*	U-washer 6	020 881



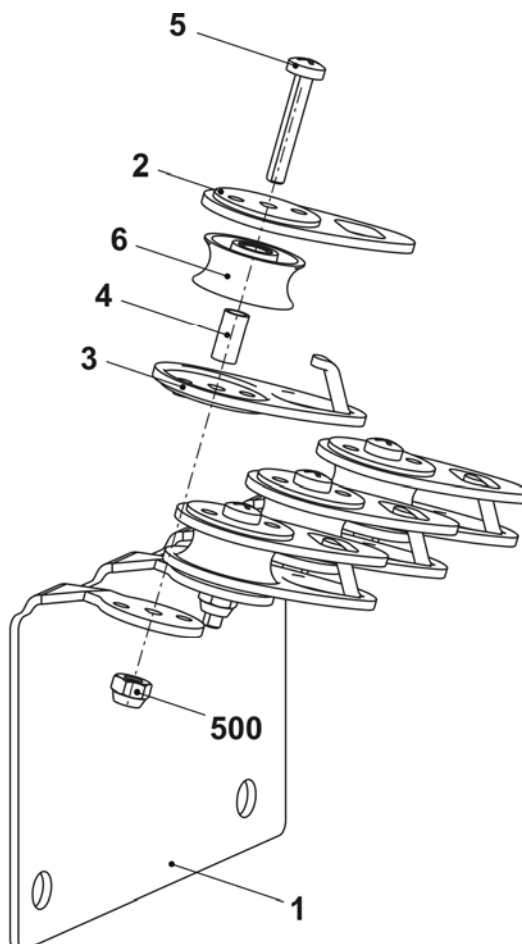
Yarn deflector on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the right complete	244 521			
1	Support angle	244 516	502	U-washer 6	020 881
2	Bolt	214 894	503	U-washer 6	022 853
3	Yarn carrier MH 6	200 127	504	O-ring 6x3	022 856
500	Countersunk screw M6x10	023 183	504*	Cap screw M6x14	022 658
501	Cap screw M6x80	023 064	505*	U-washer 6	020 881



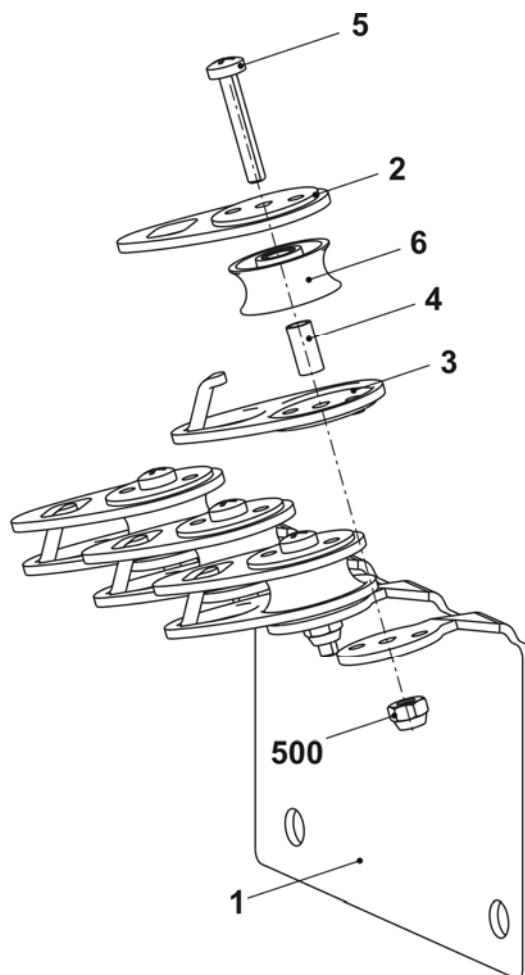
Deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Deflector on the left complete	223 316	4	Sleeve	219 222
1	Roller support on the left	223 312	5	Screw	223 298
2	Yarn holder	217 362	6	Roller deflector	218 805
3	Yarn holder	217 363	500	Hexagon nut M3-8	022 884



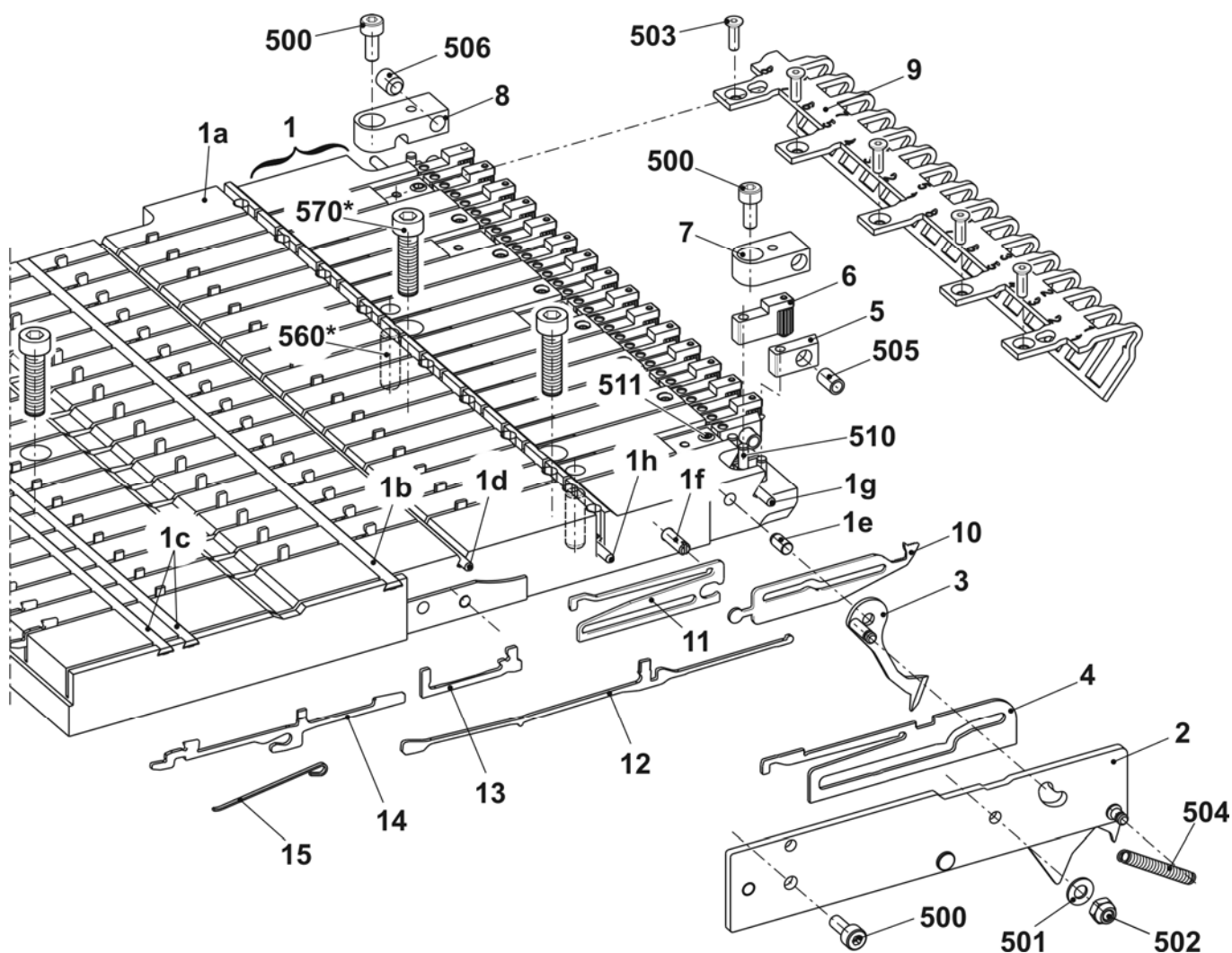
Deflector on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Deflector on the right complete	223 049	4	Sleeve	219 222
1	Roller support on the right	223 044	5	Screw	223 298
2	Yarn holder	217 362	6	Roller deflector	218 805
3	Yarn holder	217 363	500	Hexagon nut M3-8	022 884



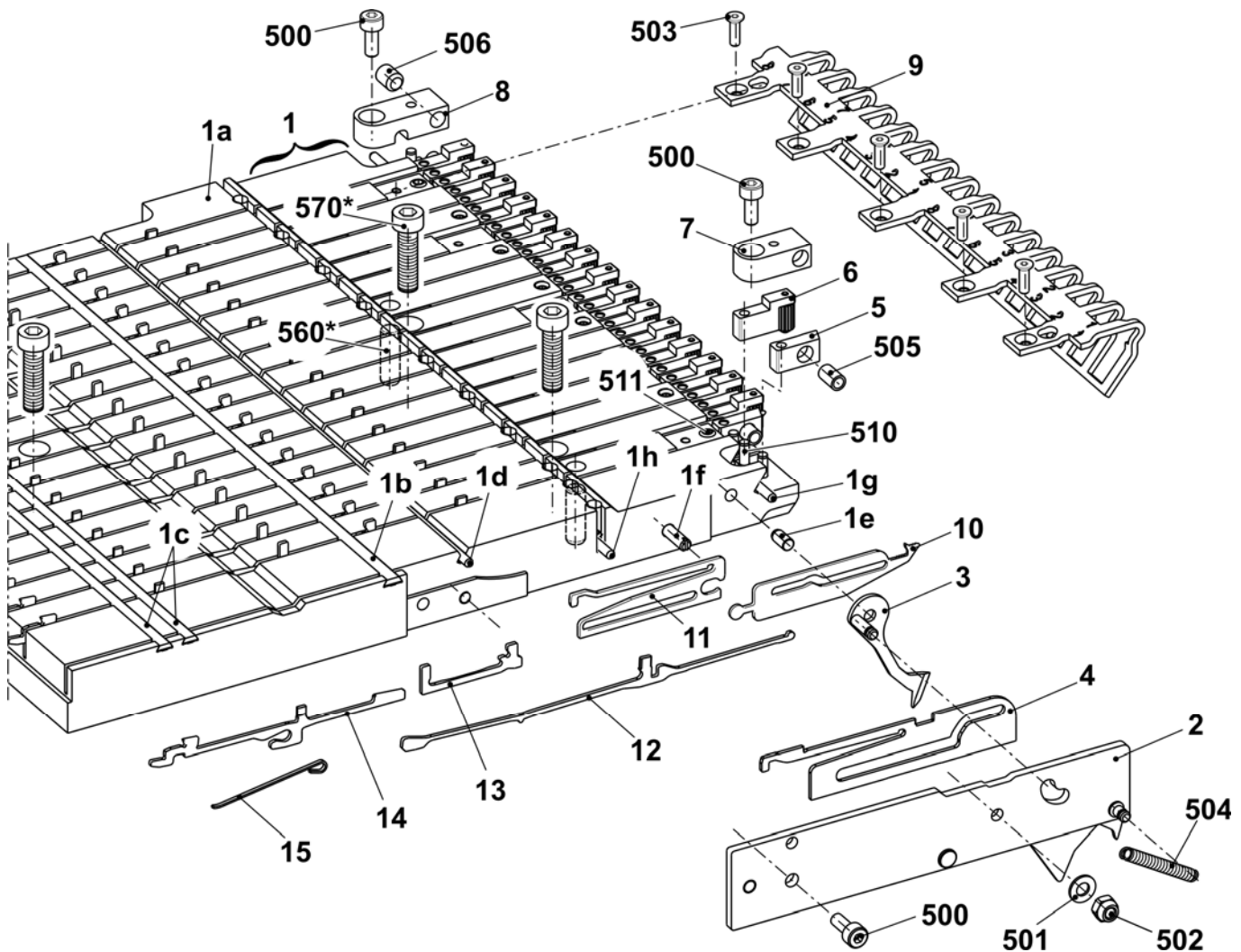
Left clamping/cutting bed E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2	253 653			
1	Guide plate on the left E5-14	244 642	8	Spring holder	244 590
1a	Guide plate on the left E5-14	244 632	9	Holding strip on the left	250 607
1b	Cover rail	243 923	10	Tuck needle on the left E5-8	244 729
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E4-E8	200 687
1g	Fixed wire	215 927	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the left complete E10-14	251 120	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left E10-14	251 377	504	Tension spring 5x0.5x17.4	023 377
4	Slider E5-14	253 084	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



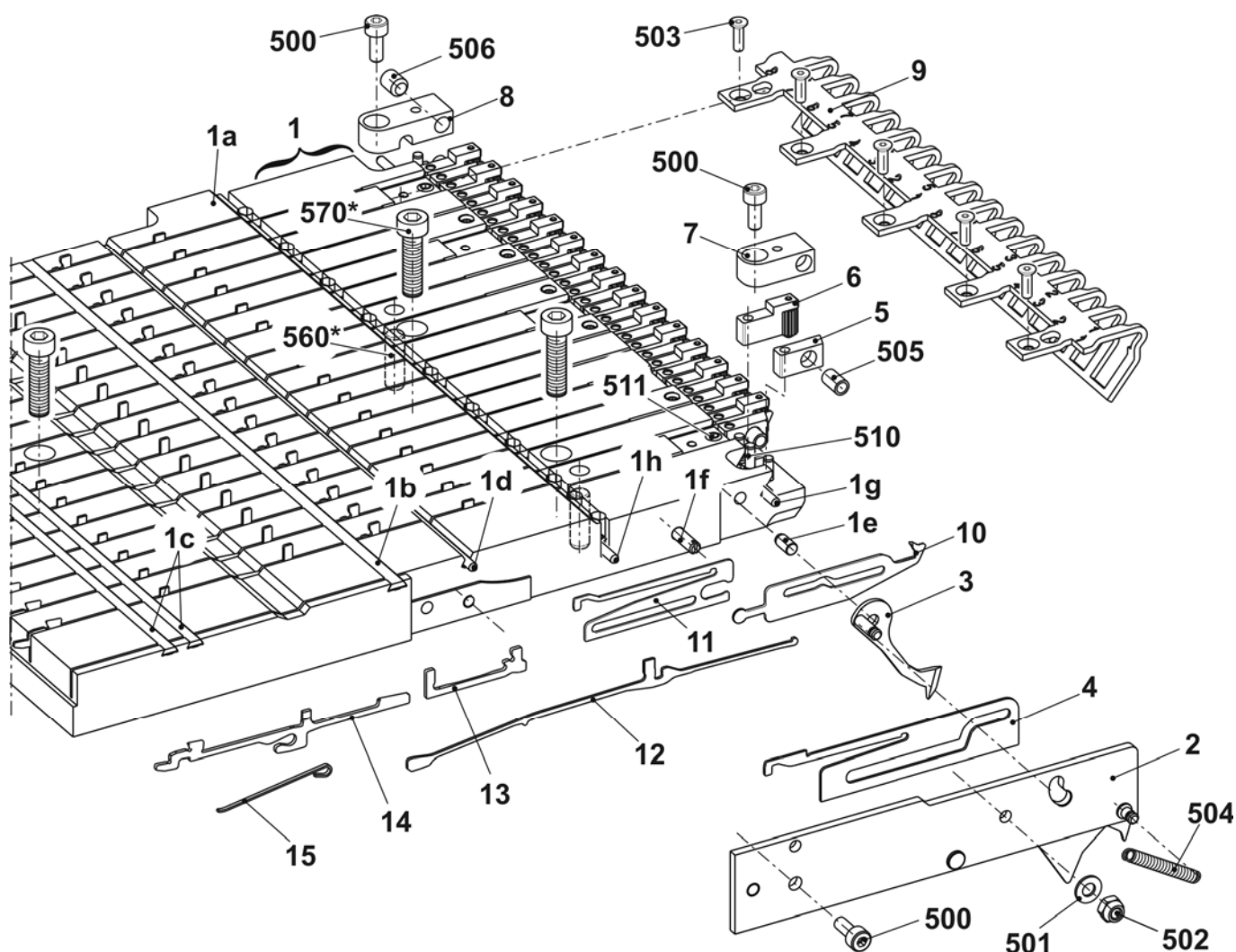
Left clamping/cutting bed E10 + E12 + E14 + E7.2 + E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E10 + E12 + E14 + E7.2 + E8.2	253 655			
1	Guide plate on the left E5-14	244 642	8	Spring holder	244 590
1a	Guide plate on the left E5-14	244 632	9	Holding strip on the left	250 607
1b	Cover rail	243 923	10	Tuck needle on the left E10-14	244 630
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E10-14	200 687
1g	Fixed wire	215 927	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the left complete E10-14	251 120	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left E10-14	251 377	504	Tension spring 5x0.5x17.4	023 377
4	Slider E5-14	253 084	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



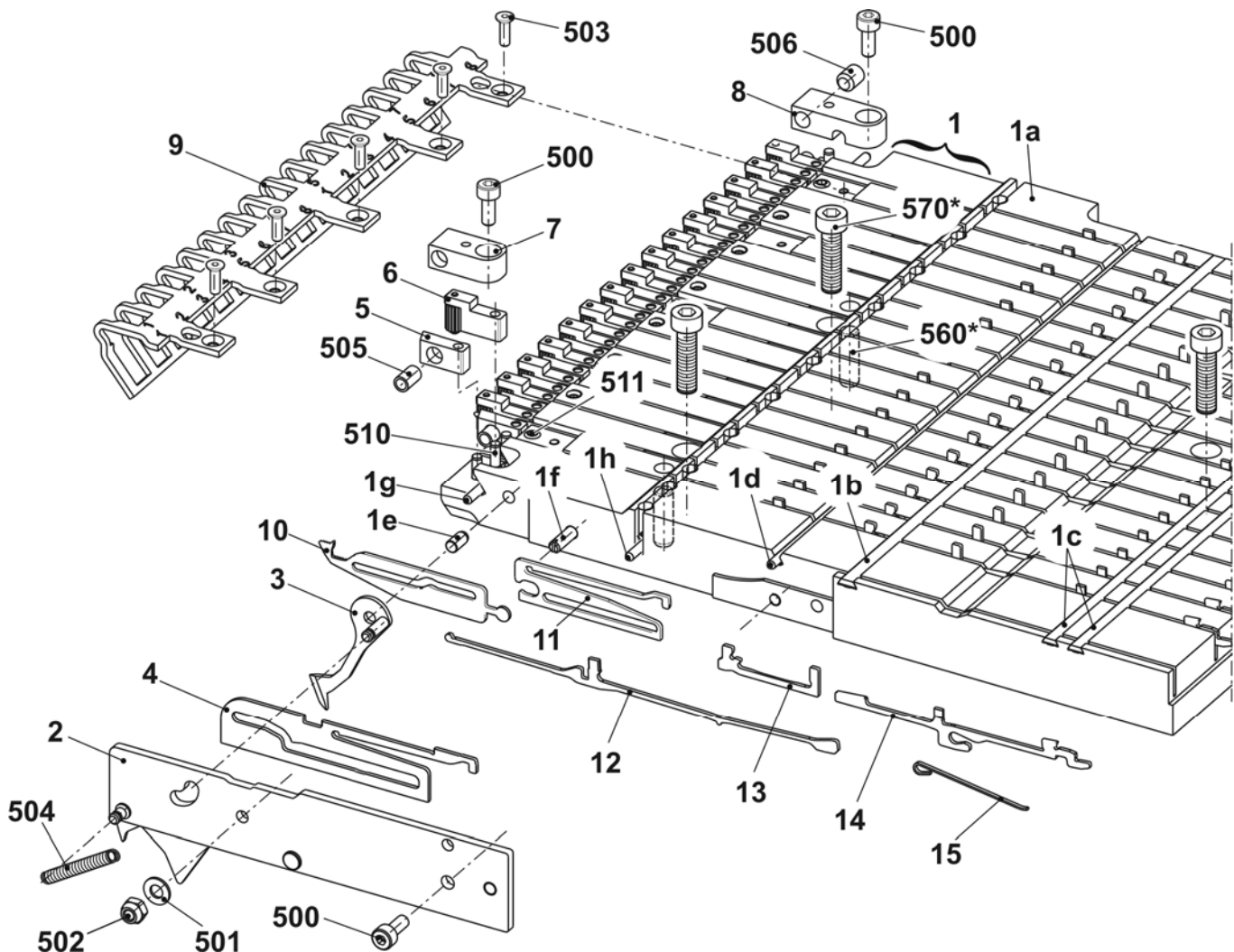
Left clamping/cutting bed E16 + E18 + E9.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E16-18	244 821			
1	Guide plate on the left E16-18	244 760	8	Spring holder	244 590
	1a Guiding plate on the left	244 738	9	Holding strip on the left	250 607
	1b Cover rail	243 923	10	Tuck needle on the left E16-18	244 740
	1c Cover rail	243 924	11	Intermediate cam (E16-18)	244 741
	1d Fixed wire	243 925	12	Coupling part E10-12	200 683
	1e Axle	211 349	13	Intermediate slider with brake E10-12	237 324
	1f Guide pin	211 351	14	Selection jack E10-12	200 688
	1g Fixed wire	215 927	15	Selector spring E10-12	200 691
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the left complete E16-20	242 835	503	Countersunk head screw M3x10	242 029
3	Catch needle on the left E16-18	242 831	504	Tension spring 5x0.5x17.4	023 377
4	Slider E16-20	242 828	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



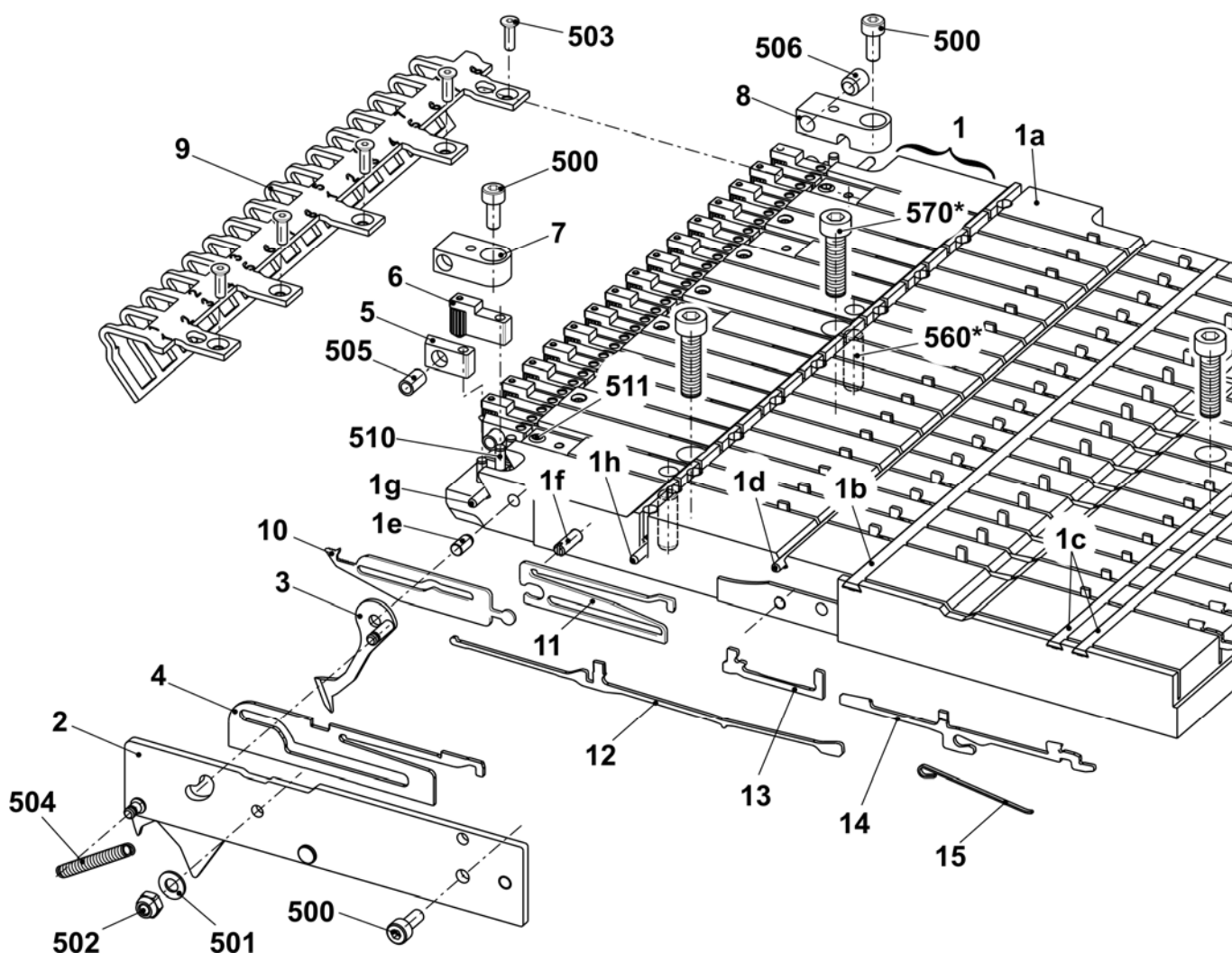
Right clamping/cutting bed E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E5 + E7 + E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2	253 652			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
1a	Guide plate on the right E5-14	244 586	9	Holding strip on the right	250 510
1b	Cover rail	243 923	10	Tuck needle on the right E5-8	244 728
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E4-E8	200 687
1g	Fixed wire	215 927	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the right complete E10-14	251 119	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right E10-14	251 378	504	Tension spring 5x0.5x17.4	023 377
4	Slider E5-14	253 084	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



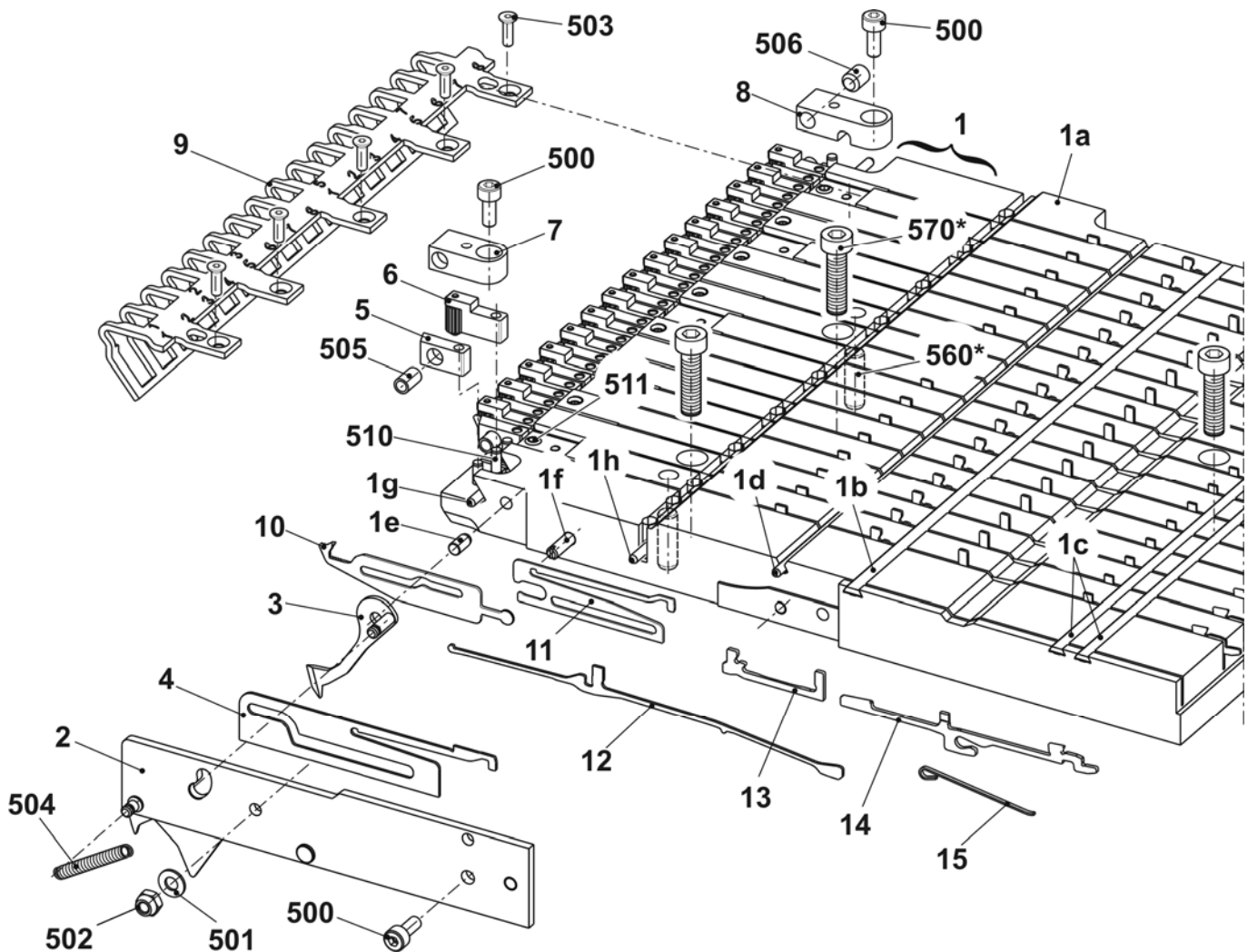
Right clamping/cutting bed E10 + E12 + E14 + E7.2 + E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E10 + E12 + E14 + E7.2 + E8.2	253 654			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
1a	Guide plate on the right E5-14	244 586	9	Holding strip on the right	250 510
1b	Cover rail	243 923	10	Tuck needle on the right E10-14	244 592
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E4-E8	200 687
1g	Fixed wire	215 927	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the right complete E10-14	251 119	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right E10-14	251 378	504	Tension spring 5x0.5x17.4	023 377
4	Slider E5-14	253 084	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



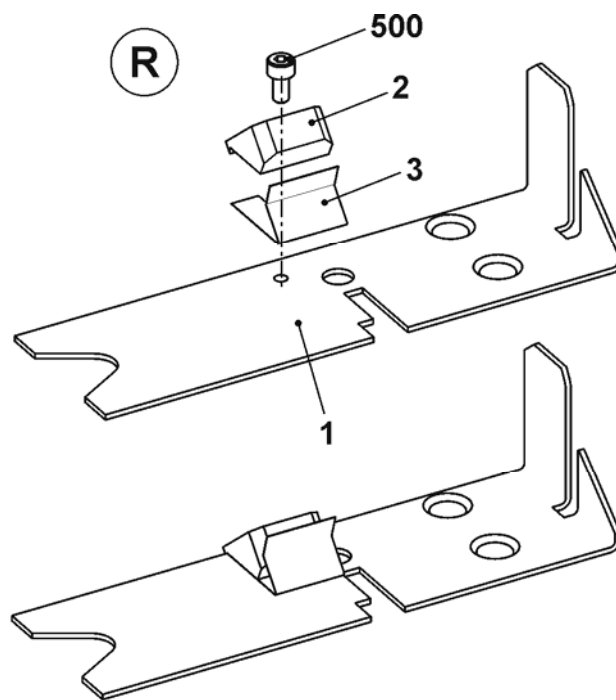
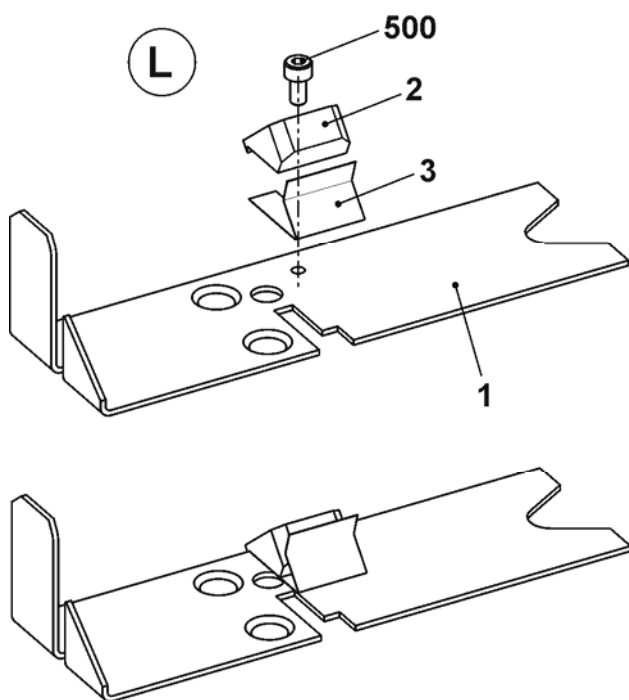
Right clamping/cutting bed E16 + E18 + E9.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E16 + E18 + E9.2	244 062			
1	Guide plate on the right E16-18	244 759	8	Spring holder	244 590
1a	Guide plate on the right	244 737	9	Holding strip on the right	250 510
1b	Cover rail	243 923	10	Tuck needle on the right E16-18	244 739
1c	Cover rail	243 924	11	Intermediate cam	244 741
1d	Fixed wire	243 925	12	Coupling part E10-12	200 683
1e	Axle	211 349	13	Intermediate slider with brake E10-12	237 324
1f	Guide pin	211 351	14	Selection jack E10-12	200 688
1g	Fixed wire	215 927	15	Selector spring E10-12	200 691
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	U-washer 4	020 870
2	Cover on the right complete E16-20	242 836	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right E16-18	242 833	504	Tension spring 5x0.5x17.4	023 377
4	Slider E16-20	242 828	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	020 677
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



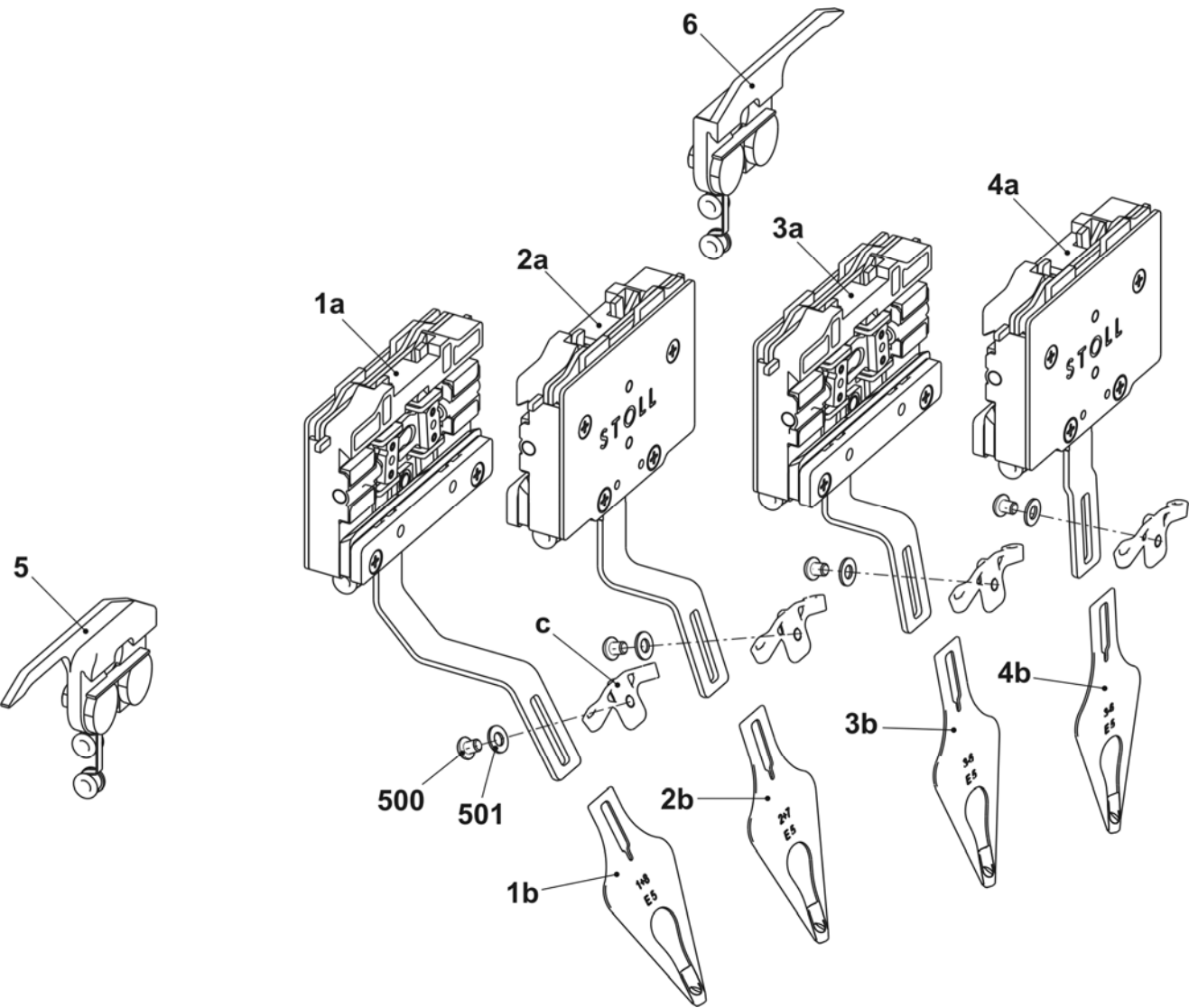
Yarn brake on the left and right

Pos	Designation	ID	Pos	Designation	ID
Σ L	Yarn brake on the left	245 031	Σ R	Yarn brake on the right	245 032
1	Cover on the left	240 020	1	Cover on the left	240 022
2	Clamping part	245 030	2	Clamping part	245 030
3	Leaf spring	232 164	3	Leaf spring	232 164
500	Cap screw M4x8	022 501	500	Cap screw M4x8	022 501



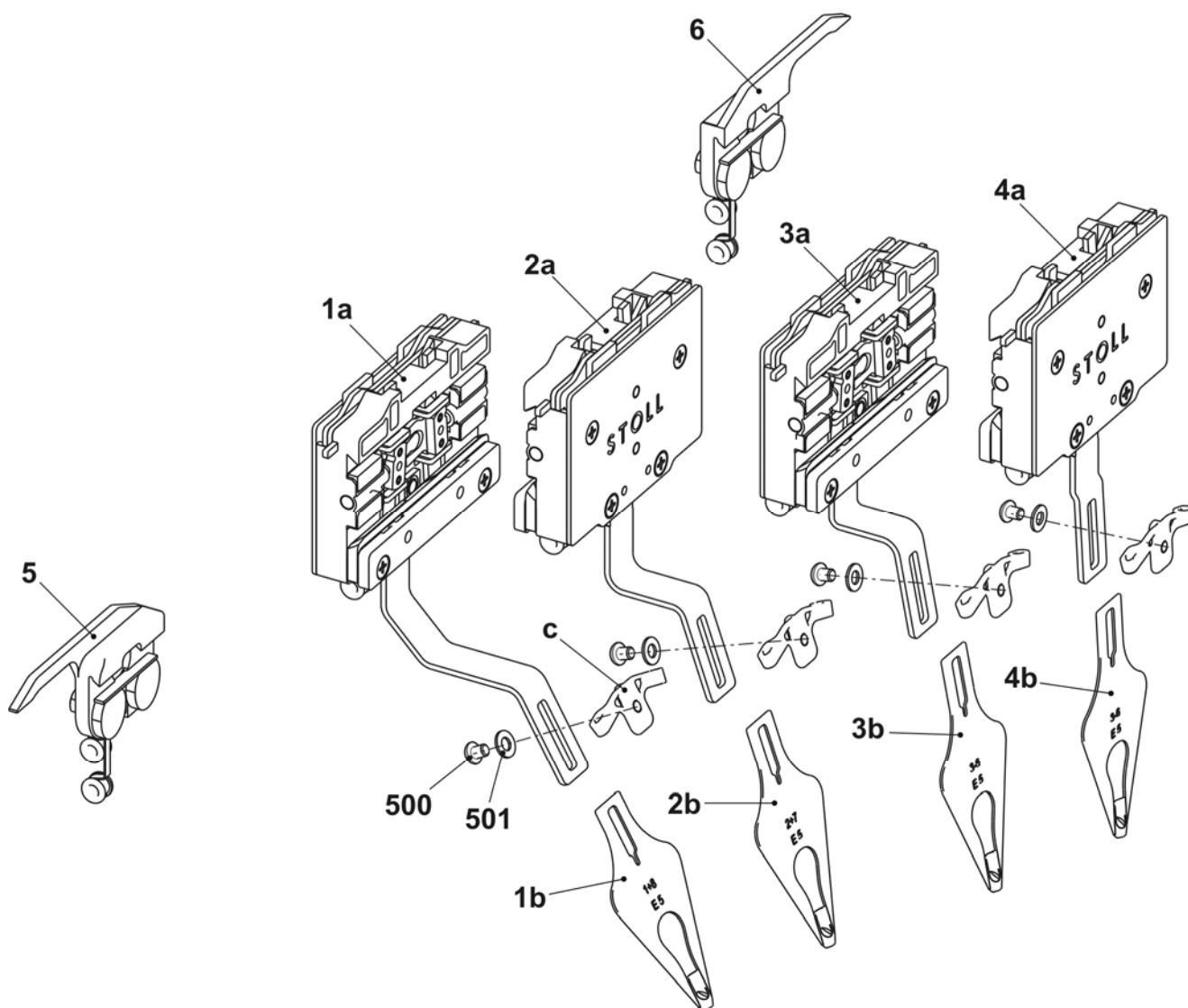
Yarn guide complete E5 IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E5 IYC E2,5.2 + E3,5.2 + E5.2	245 161			
1	Intarsia YC carriage complete 1+8 E5	250 319	4	Intarsia YC carriage complete 4+5 E5	250 322
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E5	244 076		4b Yarn carrier head 3-6 complete E5	244 078
2	Intarsia YC carriage complete 2+7 E5	250 320	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E5	244 077	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E5	250 321	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	U-washer 4	020 870
	3b Yarn carrier head 3-6 complete E5	244 078			



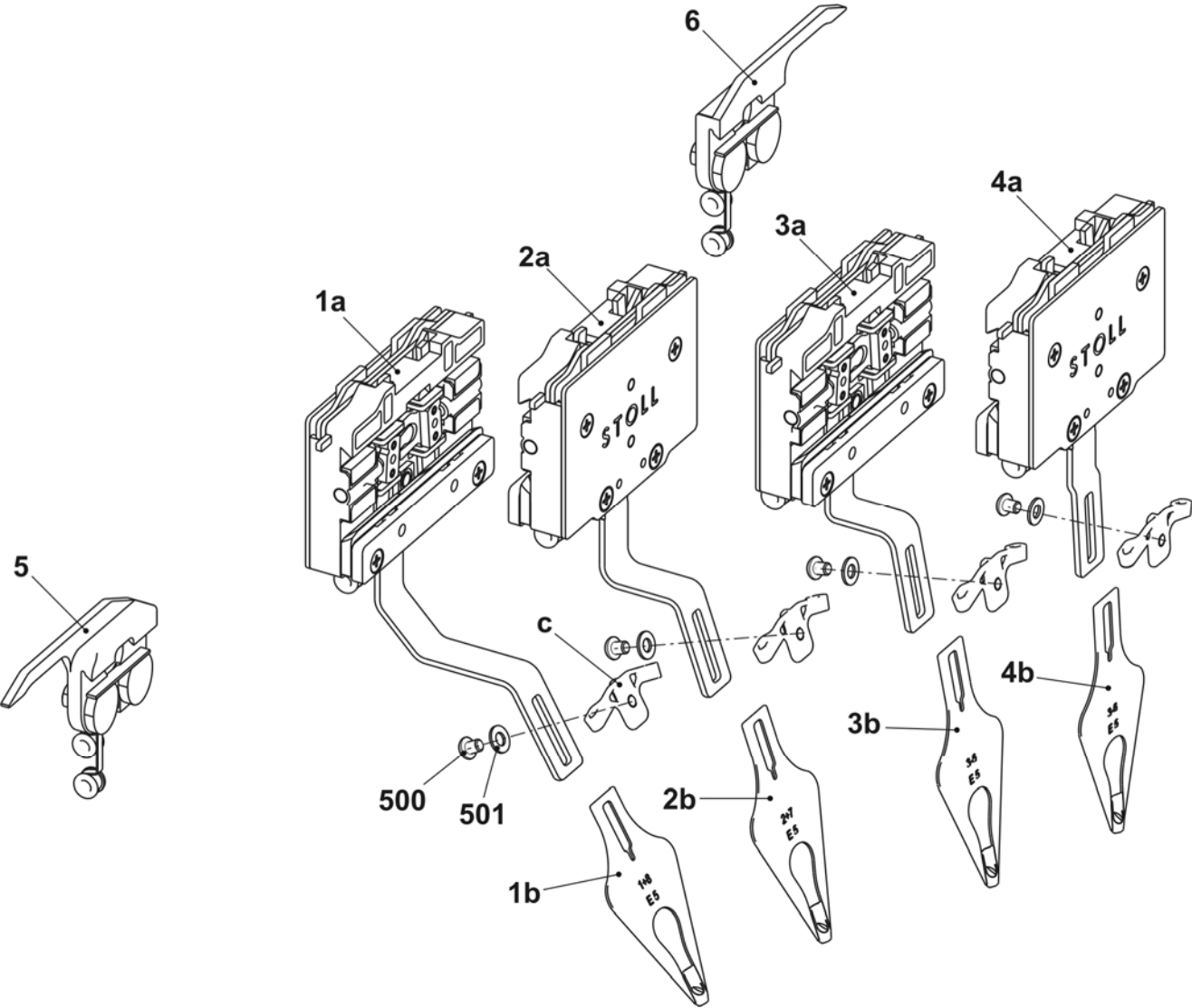
Yarn guide complete E7-8 IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E7-8 IYC (E6.2)	245 162			
1	Intarsia YC carriage complete 1+8 E7-8	250 323	4	Intarsia YC carriage complete 4+5 E7-8	250 326
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E7-8	244 082		4b Yarn carrier head 3-6 complete E7-8	244 084
2	Intarsia YC carriage complete 2+7 E7-8	250 324	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E7-8	244 083	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E7-8	250 325	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	U-washer 4	020 870
	3b Yarn carrier head 3-6 complete E7-8	244 084			



Yarn guide complete E10-14 IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E10-14 IYC E7.2 + E8.2 + E9.2	245 163			
1	Intarsia YC carriage complete 1+8 E10-14	250 327	4	Intarsia YC carriage complete 4+5 E10-14	250 330
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage E10-14	250 318
	1b Yarn carrier head 1+8 complete E10-14	250 008		4b Yarn carrier head 3-6 complete E10-14	250 010
2	Intarsia YC carriage complete 2+7 E10-14	250 328	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E10-14	250 009	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E10-14	250 329	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	U-washer 4	020 870
	3b Yarn carrier head 3-6 complete E10-14	250 010			



Yarn guide complete E16-18 IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E16-18 IYC	245 164			
1	Intarsia YC carriage complete 1+8 E16-18	250 331	4	Intarsia YC carriage complete 4+5 E16-18	250 334
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E16-18	250 011		4b Yarn carrier head 3-6 complete E16-18	250 013
2	Intarsia YC carriage complete 2+7 E16-18	250 332	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E16-18	250 012	c	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E16-18	250 333	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	U-washer 4	020 870
	3b Yarn carrier head 3-6 complete E16-18	250 013			

