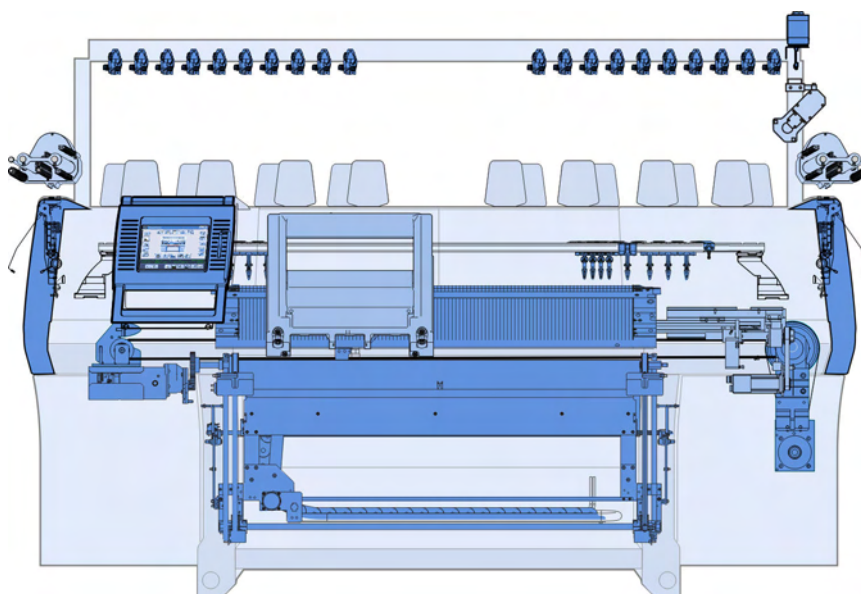


Spare-parts catalog

CMS 520 (Type 627)

Component type 004

E5 | E7 | E8 | E5m.4 | E7m.5 | E7m.8 | E8m.7 | E2,5.2 | E2,5.2m.
4L | E3,5.2 | E3,5.2m.4L | E5.2



1 Introduction

Imprint

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Our products are being developed further continuously. They are therefore subject to technical modifications.

The indications of this catalog are without liability.

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e-mail: spareparts@stoll.com

Notes for the order

This catalog serves to order spare parts.

It can only be applied to the machine type recorded on the title page.

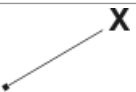
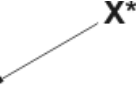
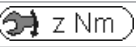
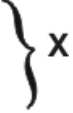
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

1. Type of machine, gauge, no. of machine.
2. Page no., designation, ID, quantity.

Only genuine STOLL spare parts may be used for repairs.

1.1 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-hand side or view.
	Indicates a sectional drawing or a view in the viewing direction.

1.2 Torques

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-cutting threads.
- Torques differing from this preferential row of torques must be taken from the corresponding location in the drawings.

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	

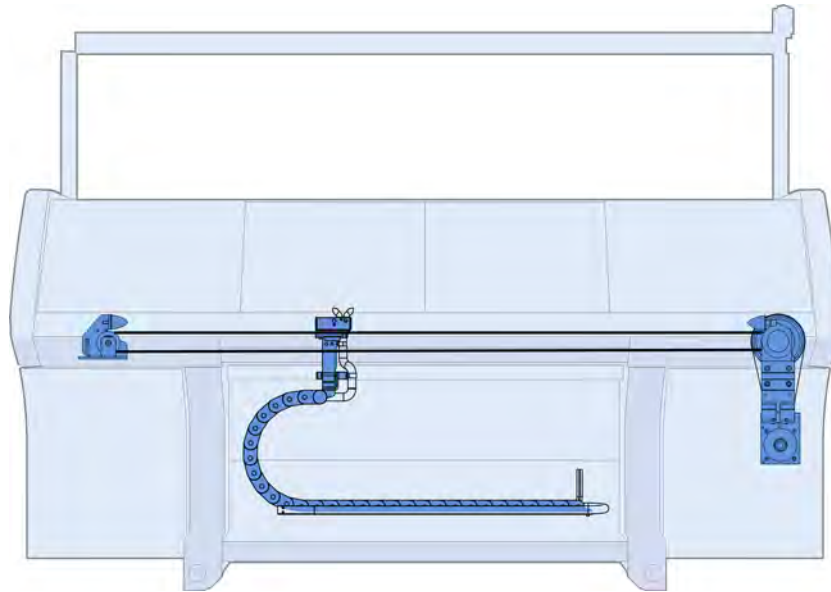
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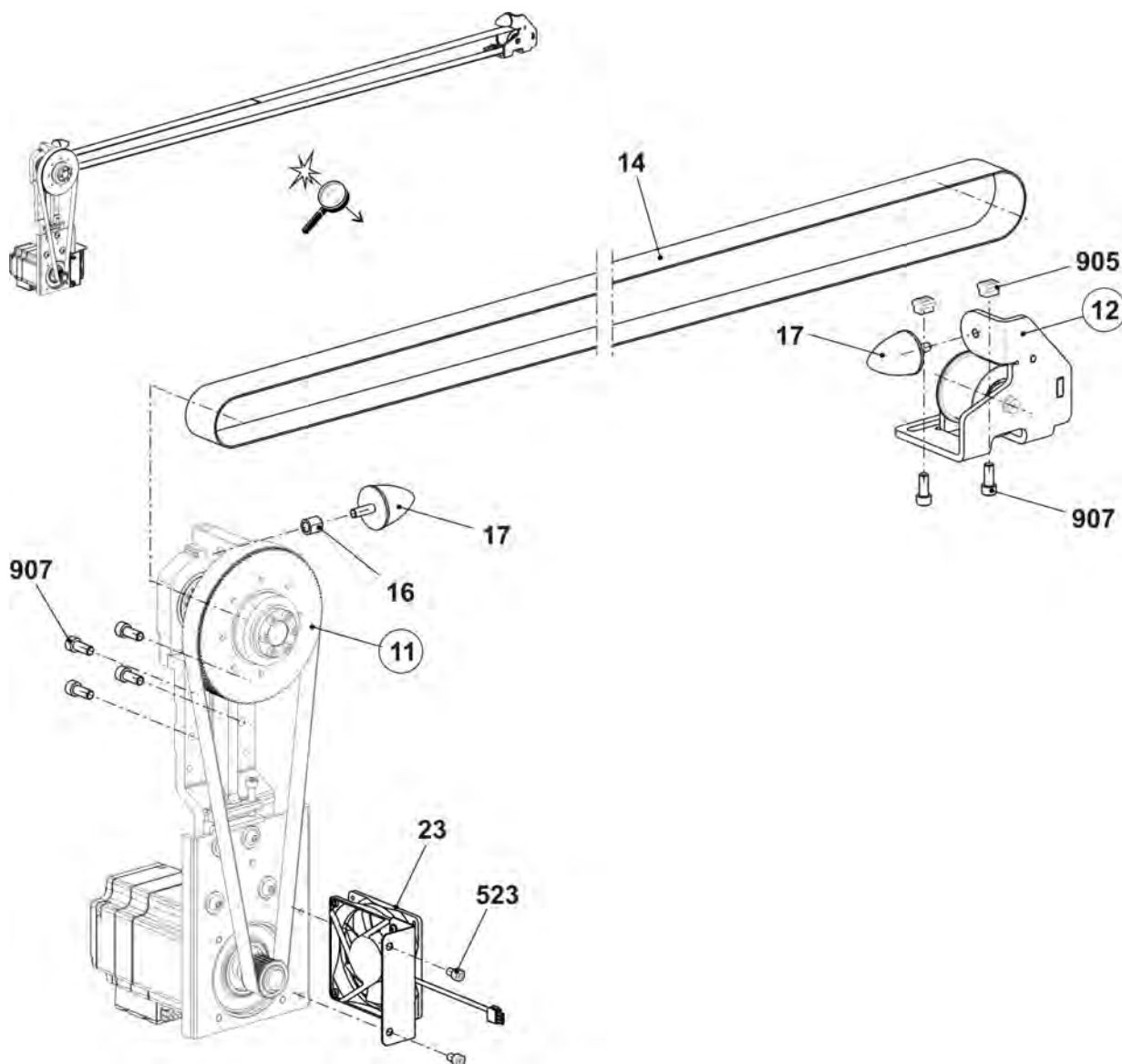
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2 Carriage drive



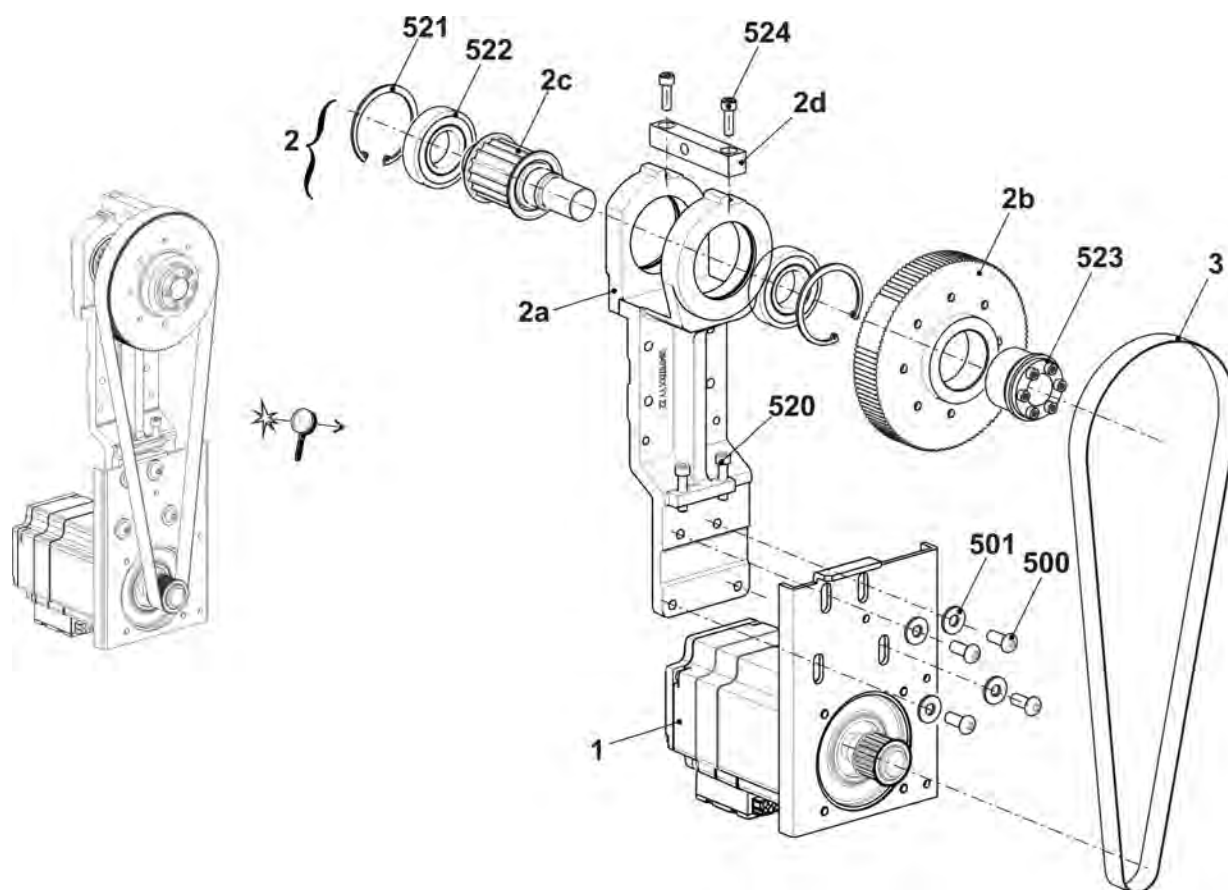
2.1 Drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive unit		17	Parabolic spring	200 661
11	Drive unit complete	253 877	23	Fan complete	253 692
12	Tension bearing complete	251 581	523	Cap screw M8x12	023 138
14	Toothed belt50AT10/4670	253 890	905	NutM10x12	023 471
16	Spacer pipe	222 099	907	Cap screw M10x25	020 157



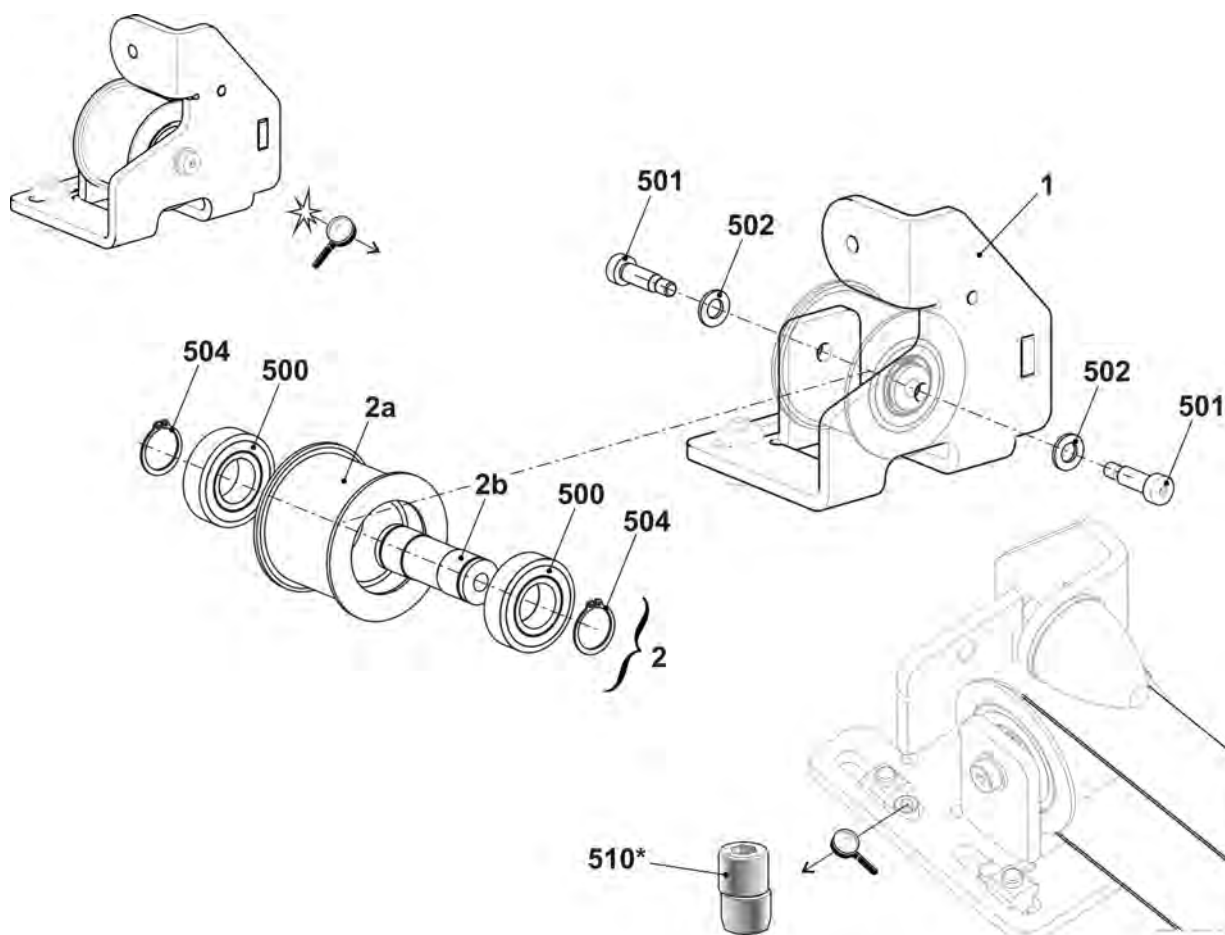
2.1.1 Motor and belt drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive unit complete	253 877			
1	Drive unit	258 188	521	Retaining ring68x2.5	022 914
2	Drive bearing complete	264 764	522	Grooved ball bearing 6207-2RS	022 915
2a	Drive bearing	264 758	523	Tension set 30X55	023 208
2b	Toothed belt pulley	240 616	524	Cap screw M8X25 12.9	020 142
2c	Pinion57 AT10 18	242 039	3	Toothed belt	252 594
2d	Support of buffer	222 100	500	Pan-head screw M10X25	023 684
520	Cap screw M8X35	020 144	501	Disk10,5X25X2,5	022 178



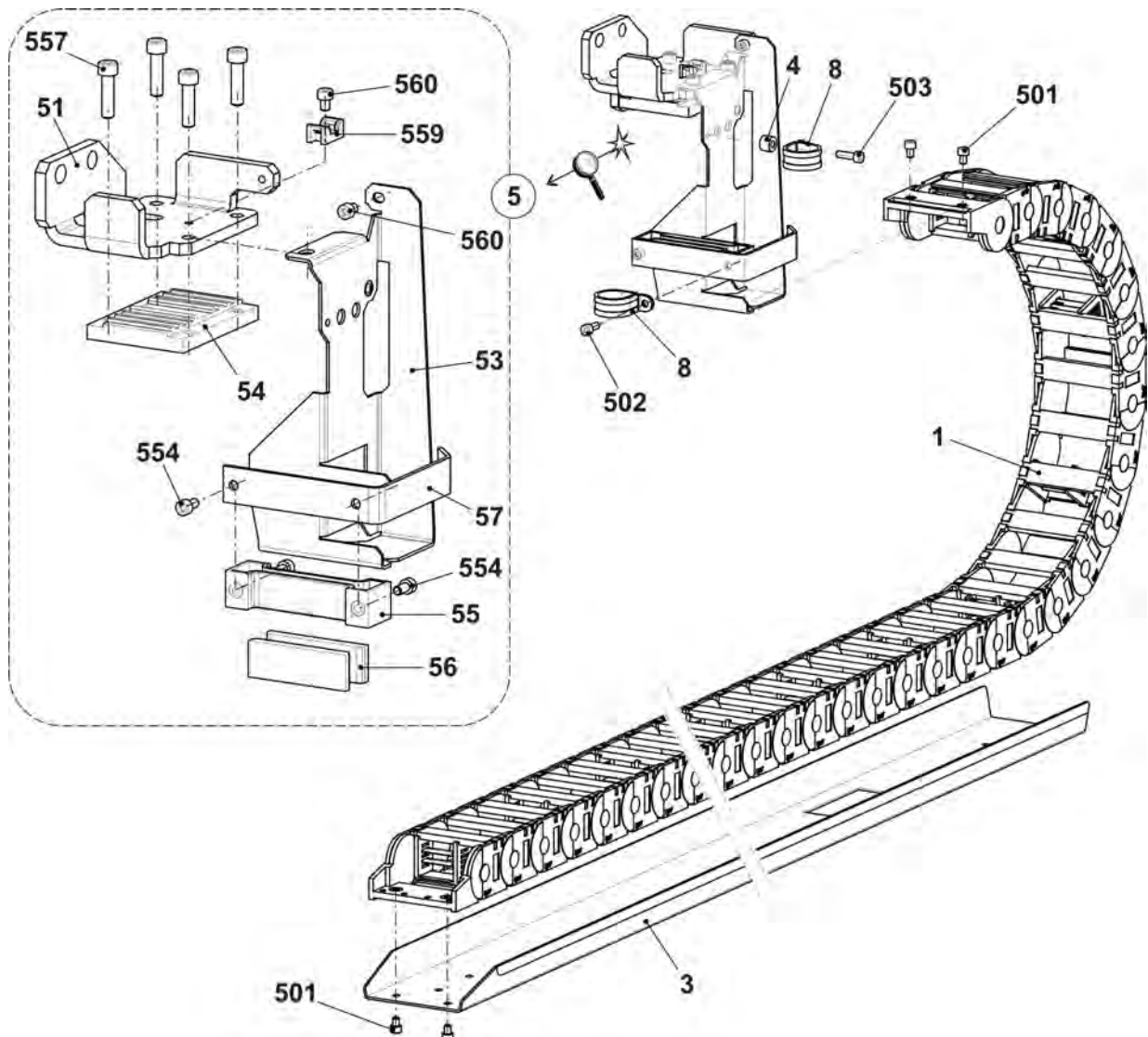
2.1.2 Tension bearing

Pos	Designation	Id	Pos	Designation	Id
Σ	Tension bearing complete	251 581	2	500 Grooved ball bearing 625-6305-2RS	255 686
1	Tension bearing	251 560		504 Retaining ring 471-25x1,2	251 617
2	Tension roller complete	256 640	501	Cap screw M10x25	023 751
	2a Tension roller	255 684	502	Washer	020 874
	2b Axle	251 579	510*	Eccentric	255 499

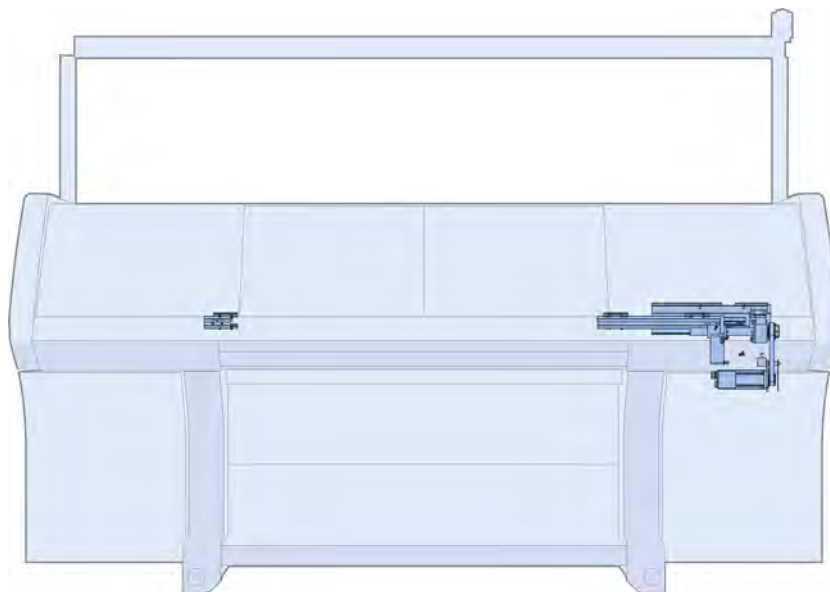


2.2 Energy chain and plunger

Pos	Designation	ID	Pos	Designation	ID
1	Energy chain 30 links	259 234	53	Cable driver carriage driver	258 378
3	Depositing gutter	263 983	54	Clamping plate	252 592
4	Threaded spacer	214 584	55	Cable holder	204 688
8	Hose clip	214 653	56	Cellular caoutchouc black	202 597
501	Cap screw M6x8	023 411	57	Cover strip	258 379
502	Cap screw M6x16	020 135	554	Cap screw M6x12	020 134
503	Cap screw M6x20	020 136	557	Cap screw M8x30	020 143
5	Carriage driver complete	265 268	559	Fixing element	026 489
51	Carriage driver	258 380	560	Cap screw M6x8	023 411

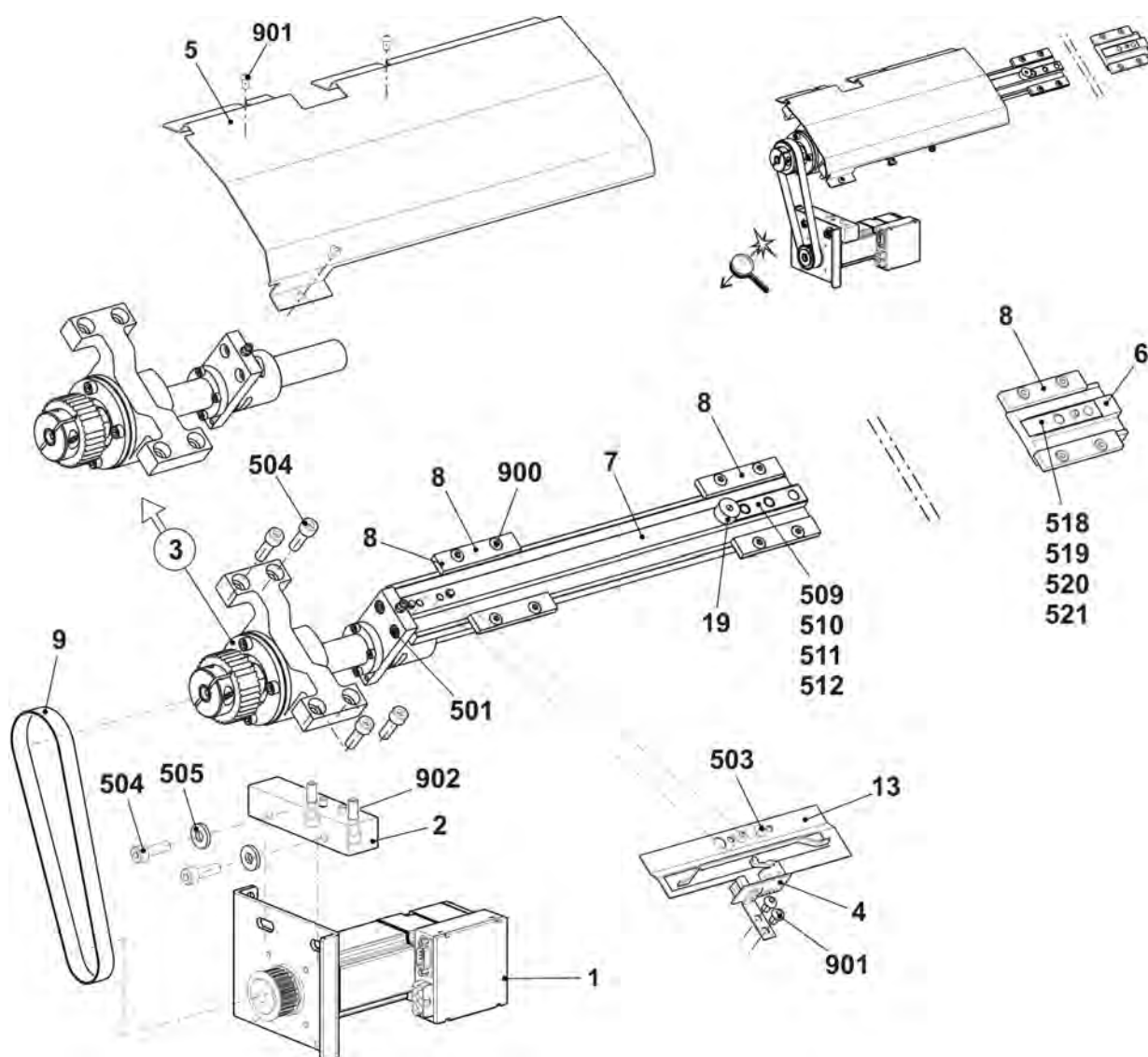


3 Racking

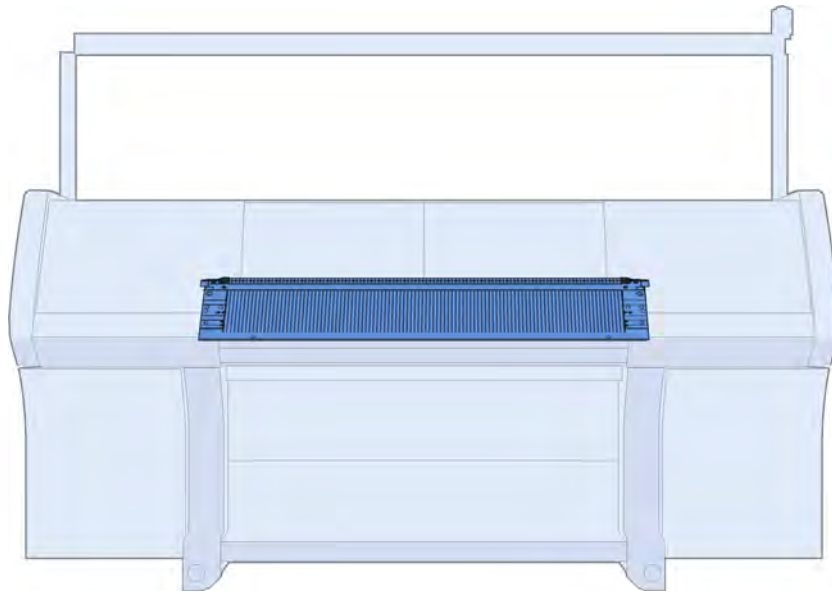


3.1 Racking

Pos	Designation	Id	Pos	Designation	Id
Σ	Racking				
1	Three-phase AC servo motor racking complete	259 115	504	Cap screw M8x25	020 142
2	Bearing racking motor	264 630	505	Washer 8,4X20X3	022 175
3	Spindle bearing	253 262	509	Shim0,03x15x85	023 162
4	Card racking limit switch	229 396	510	Shim0,05x15x85	023 163
5	Racking cover plate	240 721	511	Shim0,1x15x85	023 164
6	Racking strip on the left	240 696	512	Shim0,2x15x85	023 170
7	Racking strip	240 690	518	Shim0,03x15x75	023 395
8	Guide strip	206 382	519	Shim 0,05x15x7	023 396
9	Toothed belt150 S 5M 490	229 281	520	Shim0,1x15x75	023 397
13	Switch plate	240 722	521	Shim0,2x15x75	023 398
19	Stop screw	221 386	900	Cap screw M6x12	022 795
501	Cap screw M6x16	023 116	901	Pan-head screw M6x10	023 183
503	Pan-head screw M6x10	023 183	902	Cap screw M8x30	020 143

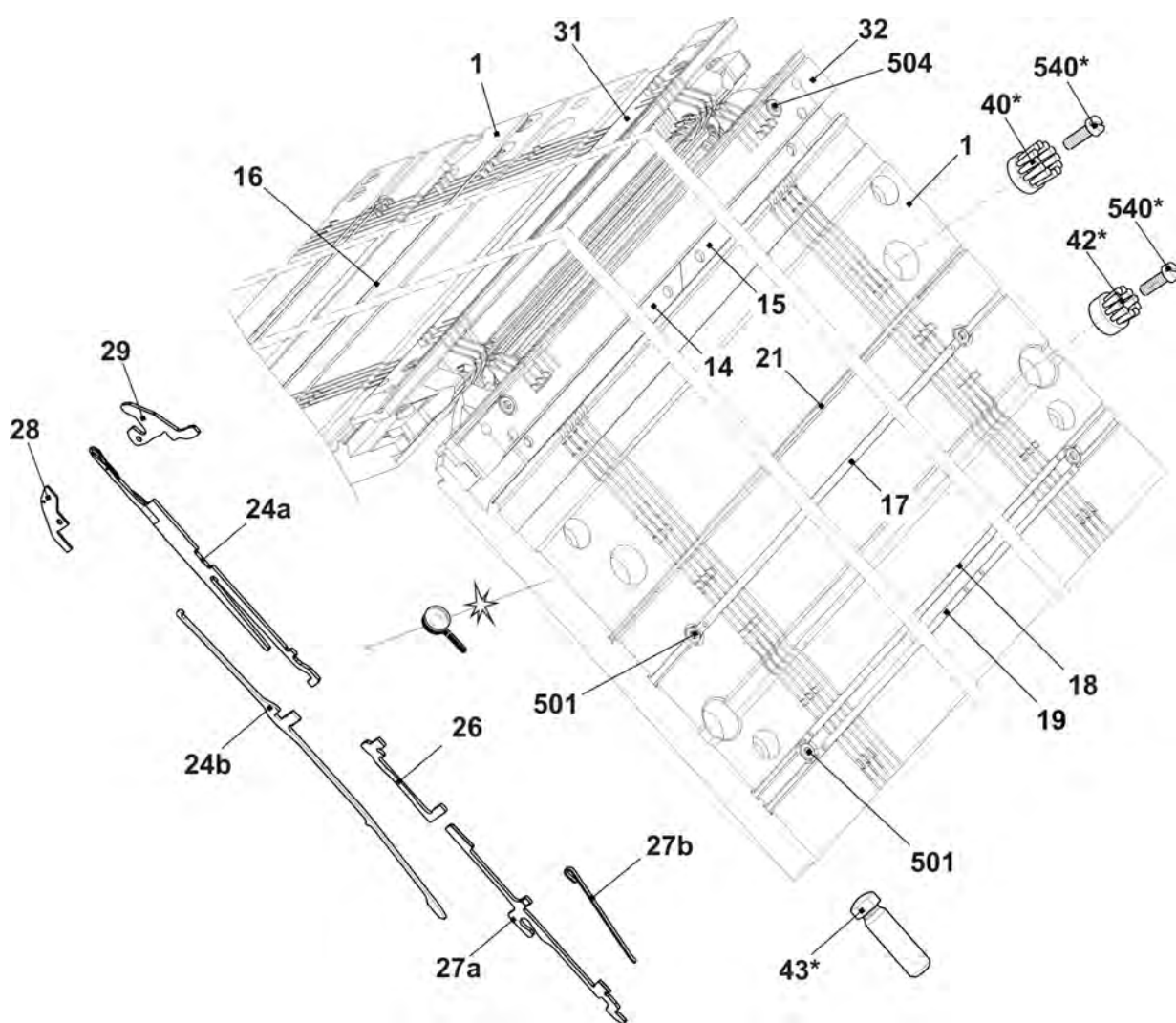


4 Needle beds



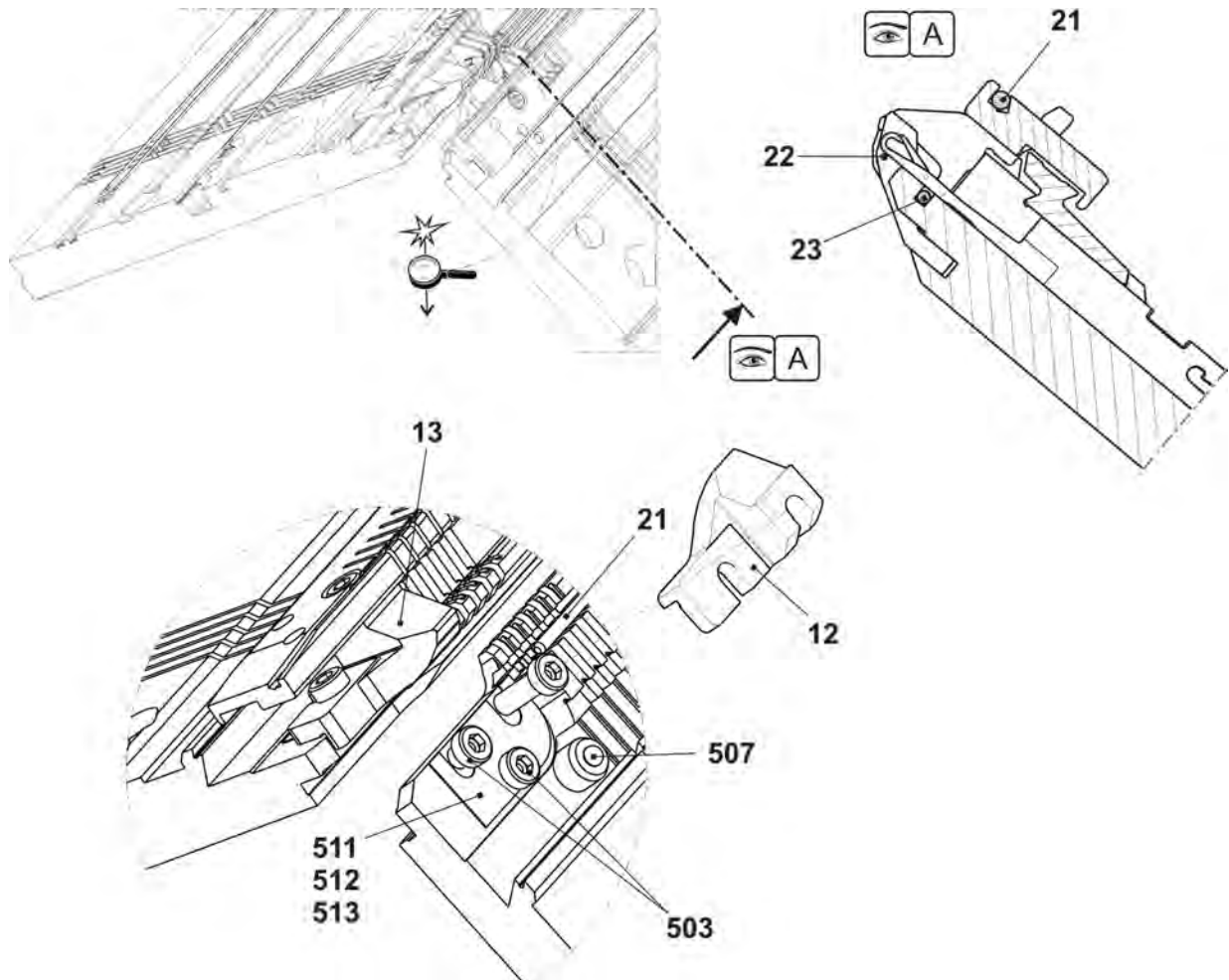
4.1 Needle bed E5

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E5	263 856	15	Needle bar on the right	213 999
1	Needle bed at the front + rear E5	263 705	16	Cover rail at the rear	213 981
31	Holding-down jack bed at the rear E5	240 444	17	Cover rail at the front E5	214 033
32	Holding-down jack bed at the front E5	240 427	18	Cover rail	213 762
24a	Needle E5 – E6 with round hook	205 396	19	Cover rail	213 763
24b	Coupling part E5 – E8	253 381	21	Locating wire ø2	213 983
26	Intermediate slider E5 – E8	237 323	501	Cap screw M5x10	022 918
27a	Selection jack E4 – E8	200 687	504	Cap screw M5x22	023 193
27b	Selector spring E4 – E8	200 690	40*	Disk brush	235 612
28	Knock-over bit E5	204 996	42*	Disk brush	202 600
29	Holding-down jack E5	205 031	43*	Adjusting bolt	251 772
14	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



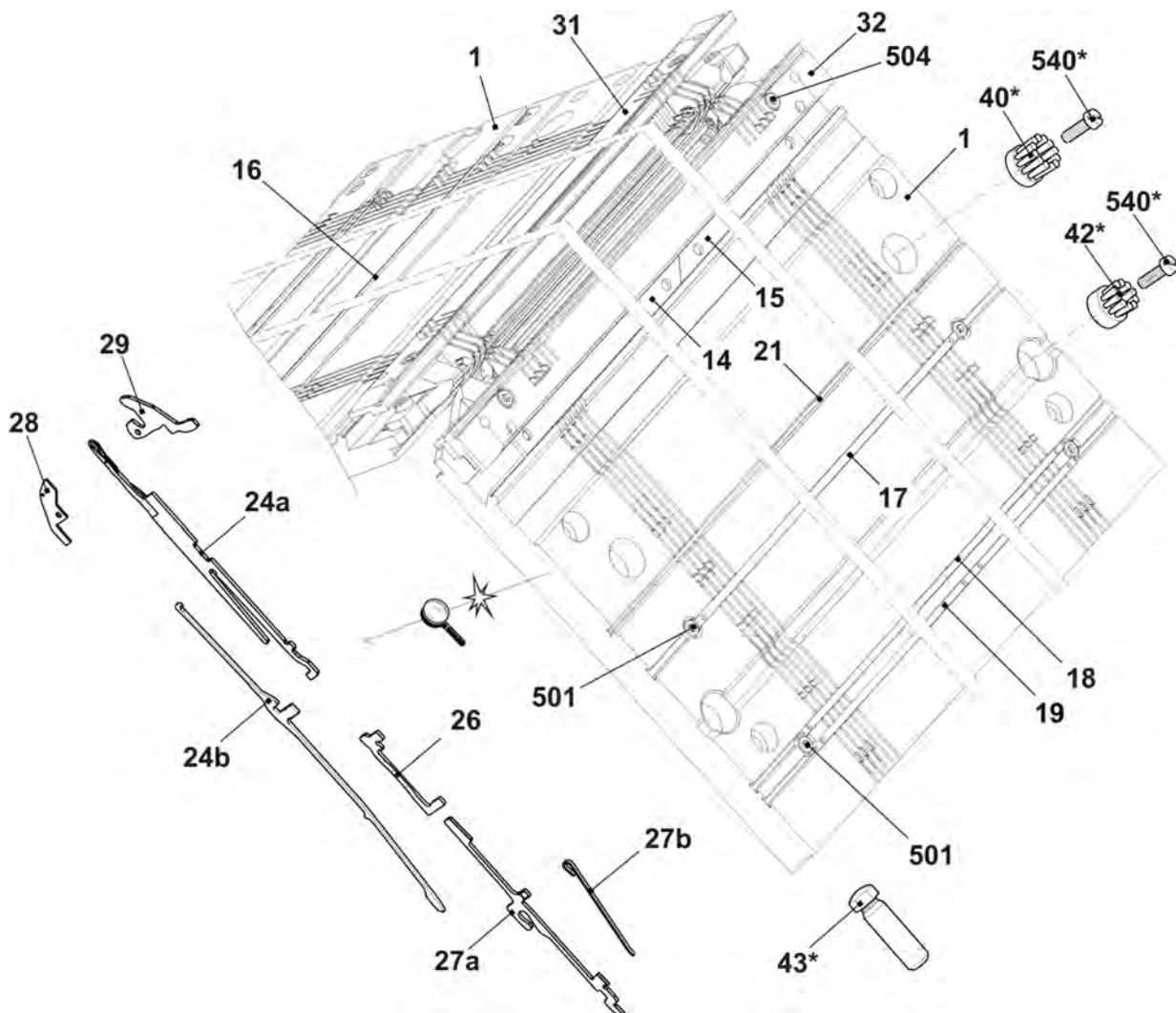
4.1.1 Continuation needle bed E5

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



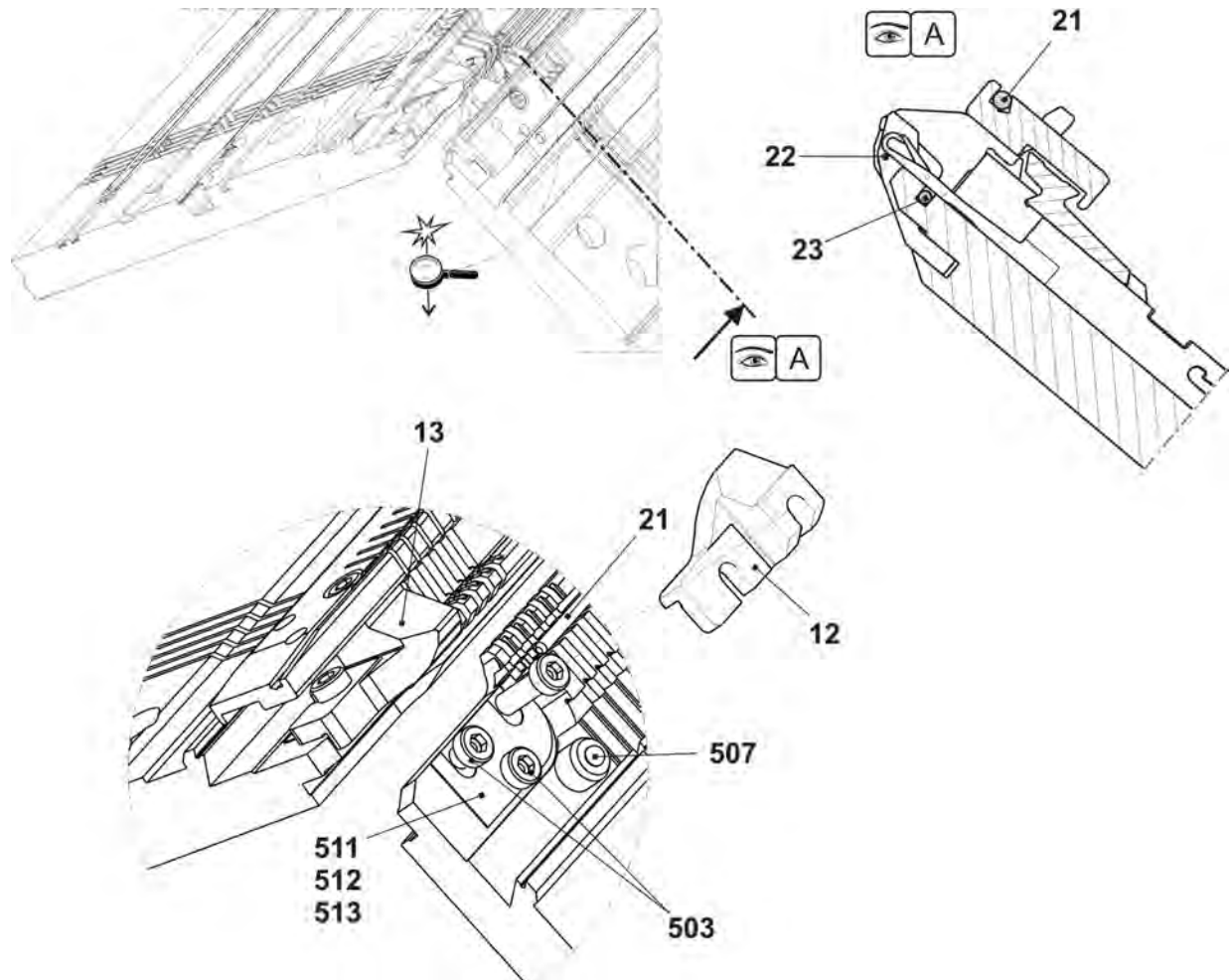
4.2 Needle bed E7

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7	263 857	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E7	263 706	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E7	207 055
15	Needle bar on the right	213 999	29	Holding-down jack E7	205 032
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E7	240 445
17	Cover rail at the front E7	214 034	32	Holding-down jack bed at the front E7	240 428
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E7 with round hook	205 397	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



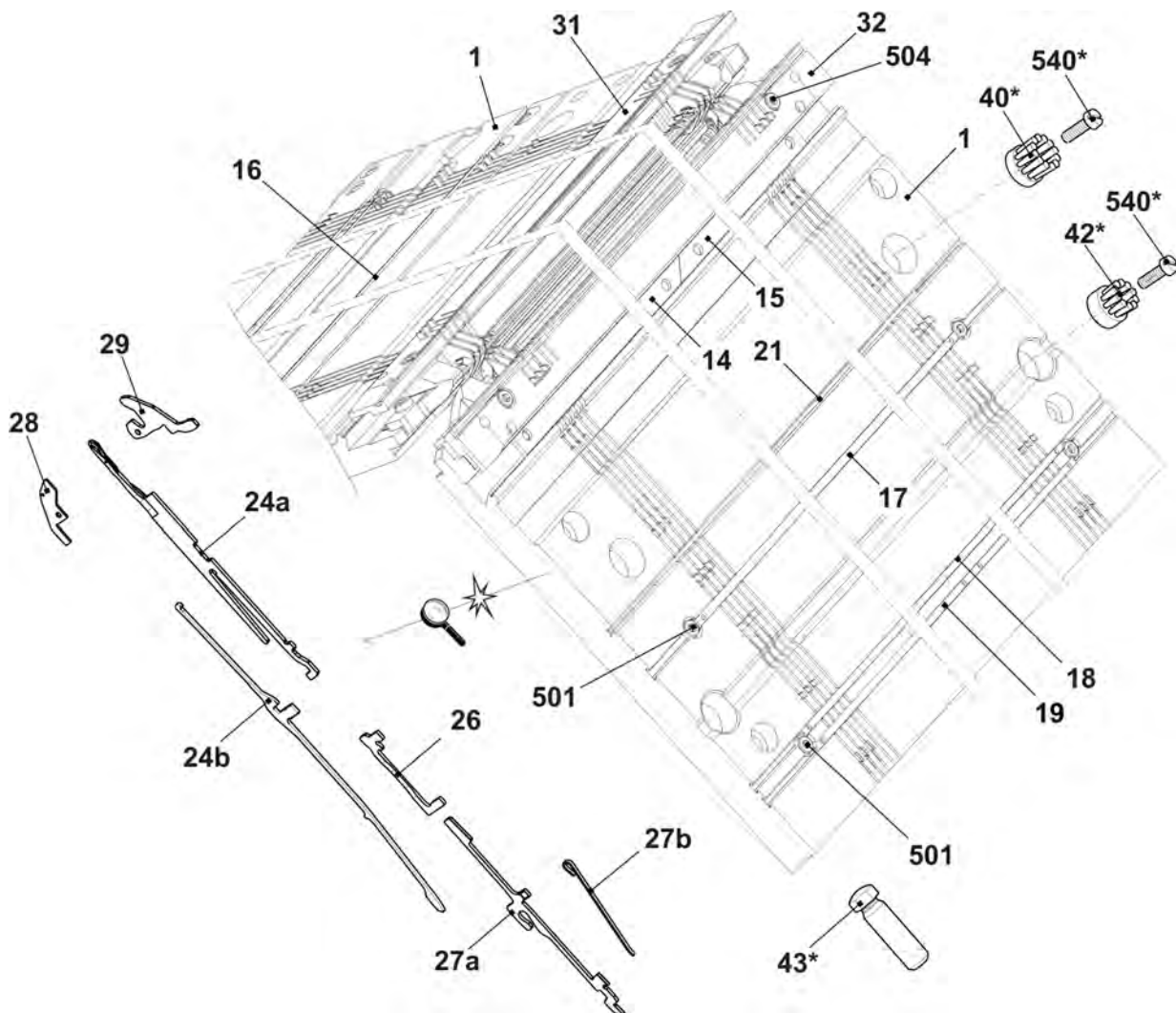
4.2.1 Continuation needle bed E7

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



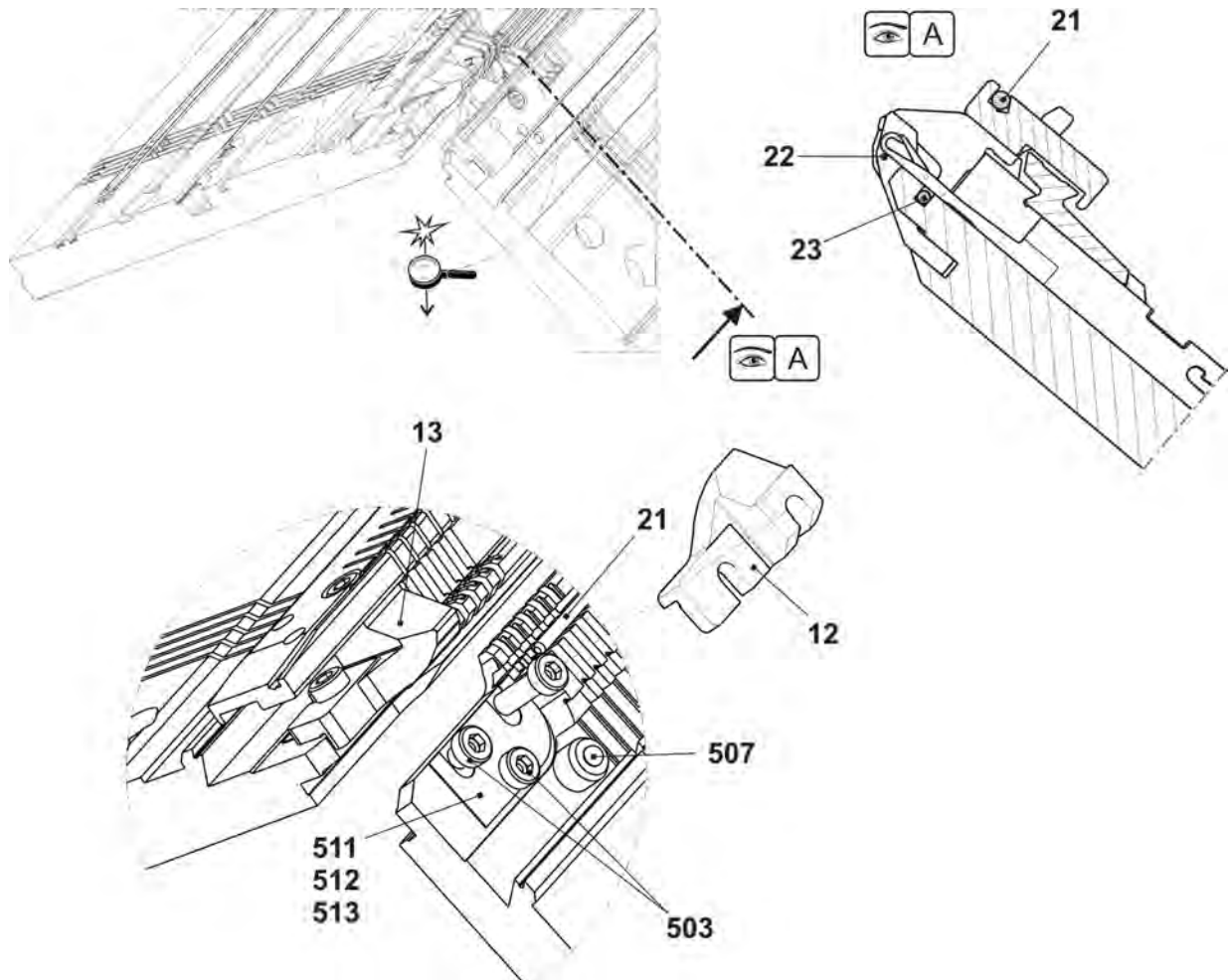
4.3 Needle bed E8

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E8	263 858	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E8	263 707	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E8	207 054
15	Needle bar on the right	213 999	29	Holding-down jack E8	205 028
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E8	240 446
17	Cover rail at the front E8	214 035	32	Holding-down jack bed at the front E8	240 429
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E5 – E6 with round hook	205 396	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



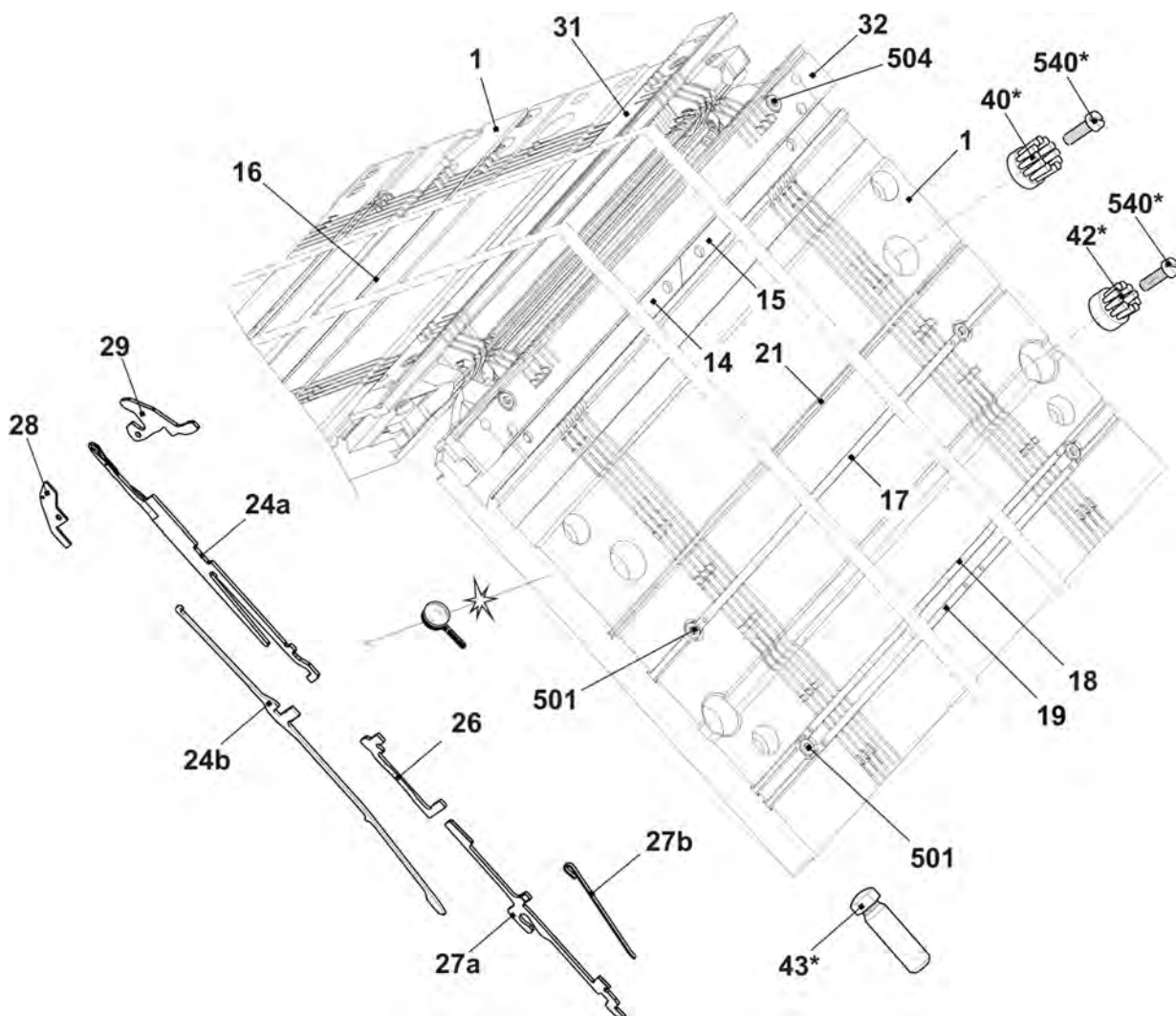
4.3.1 Continuation needle bed E8

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



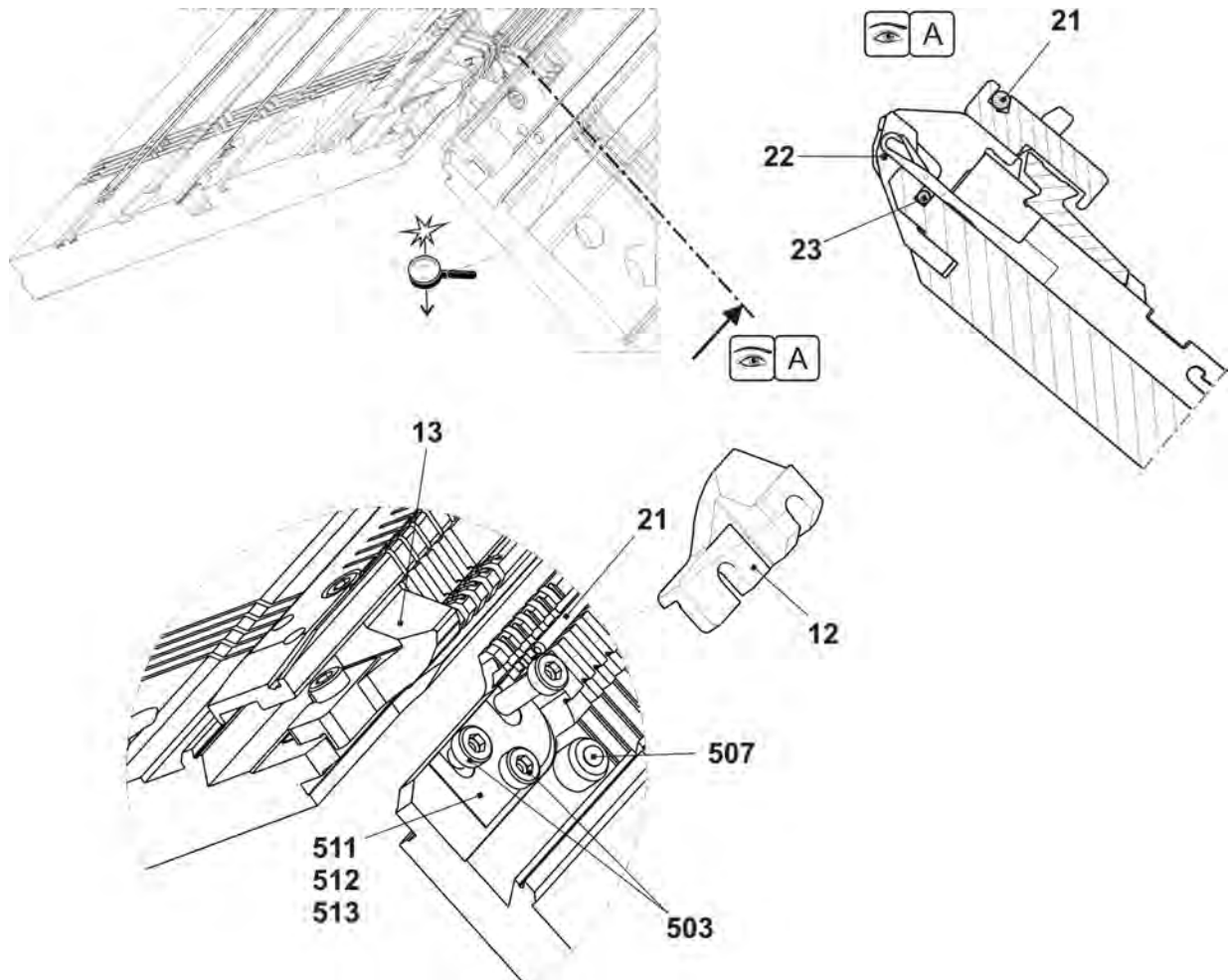
4.4 Needle bed E5m.4

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rearE5m.4	263 867	15	Needle bar on the right	213 999
1	Needle bed at the front + rear E5	263 705	16	Cover rail at the rear	213 981
31	Holding-down jack bed at the rear E5	240 444	17	Cover rail at the frontE5	214 033
32	Holding-down jack bed at the front E5	240 427	18	Cover rail	213 762
24a	Needle E5 – E6 with round hook	205 396	19	Cover rail	213 763
24b	Coupling part E5 - E8	253 381	21	Locating wire ø2	213 983
26	Intermediate slider E5 – E8	237 323	501	Cap screw M5x10	022 918
27a	Selection jack E4 – E8	200 687	504	Cap screw M5x22	023 193
27b	Selector spring E4 – E8	200 690	40*	Disk brush	235 612
28	Knock-over bit E5	204 996	42*	Disk brush	202 600
29	Holding-down jack E5	205 031	43*	Adjusting bolt	251 772
14	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



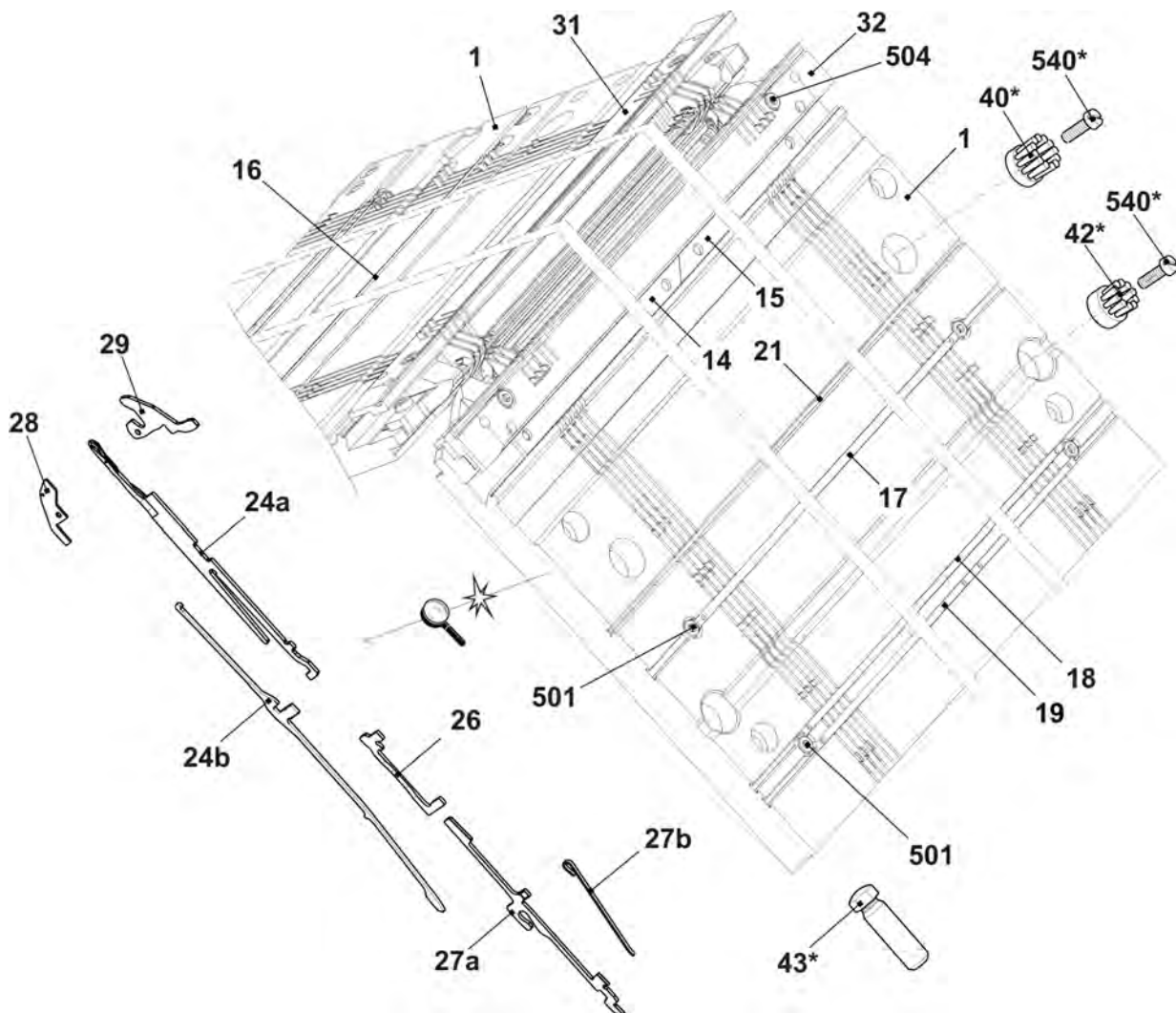
4.4.1 Continuation needle bed E5m.4

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



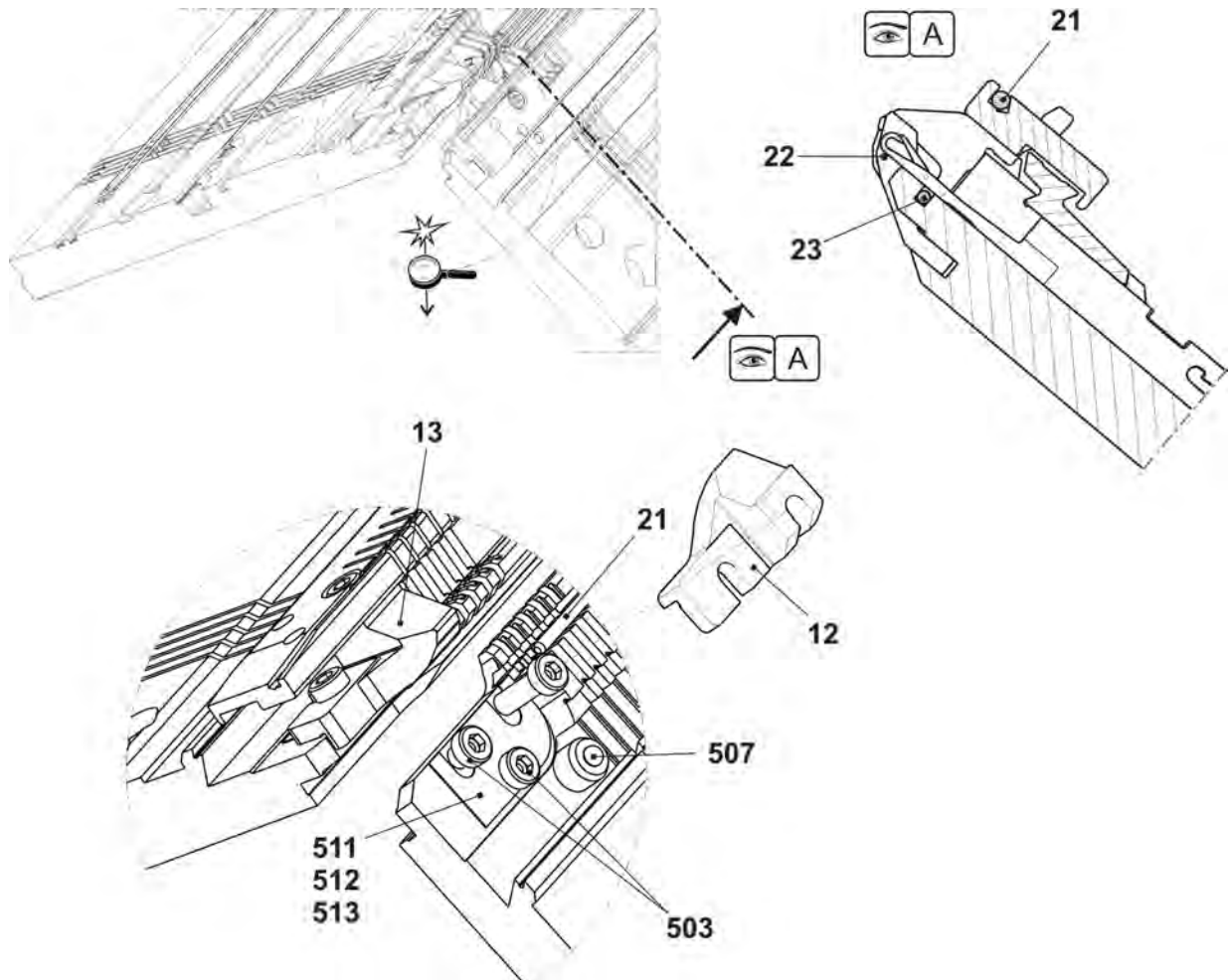
4.5 Needle bed E7m.5

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7m.5	263 870	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E7	263 706	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E7	207 055
15	Needle bar on the right	213 999	29	Holding-down jack E7	205 032
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E7	240 445
17	Cover rail at the front E7	214 034	32	Holding-down jack bed at the front E7	240 428
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E5 – E6 with round hook	205 396	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



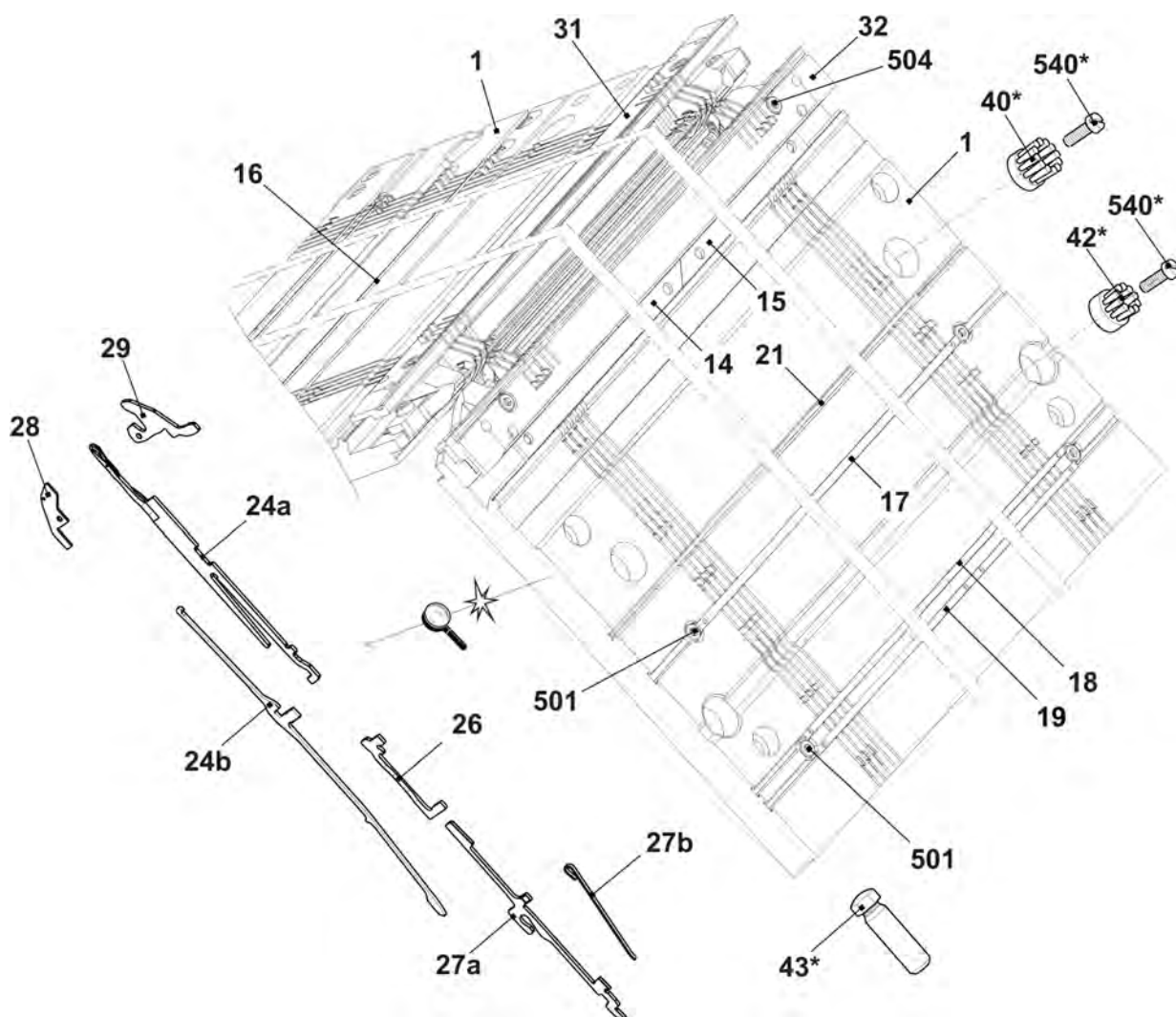
4.5.1 Continuation needle bed E7m.5

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire ø2,8	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire ø1,0	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire ø 2,0	213 996	513	Shim0,2x18,5x34	023 253



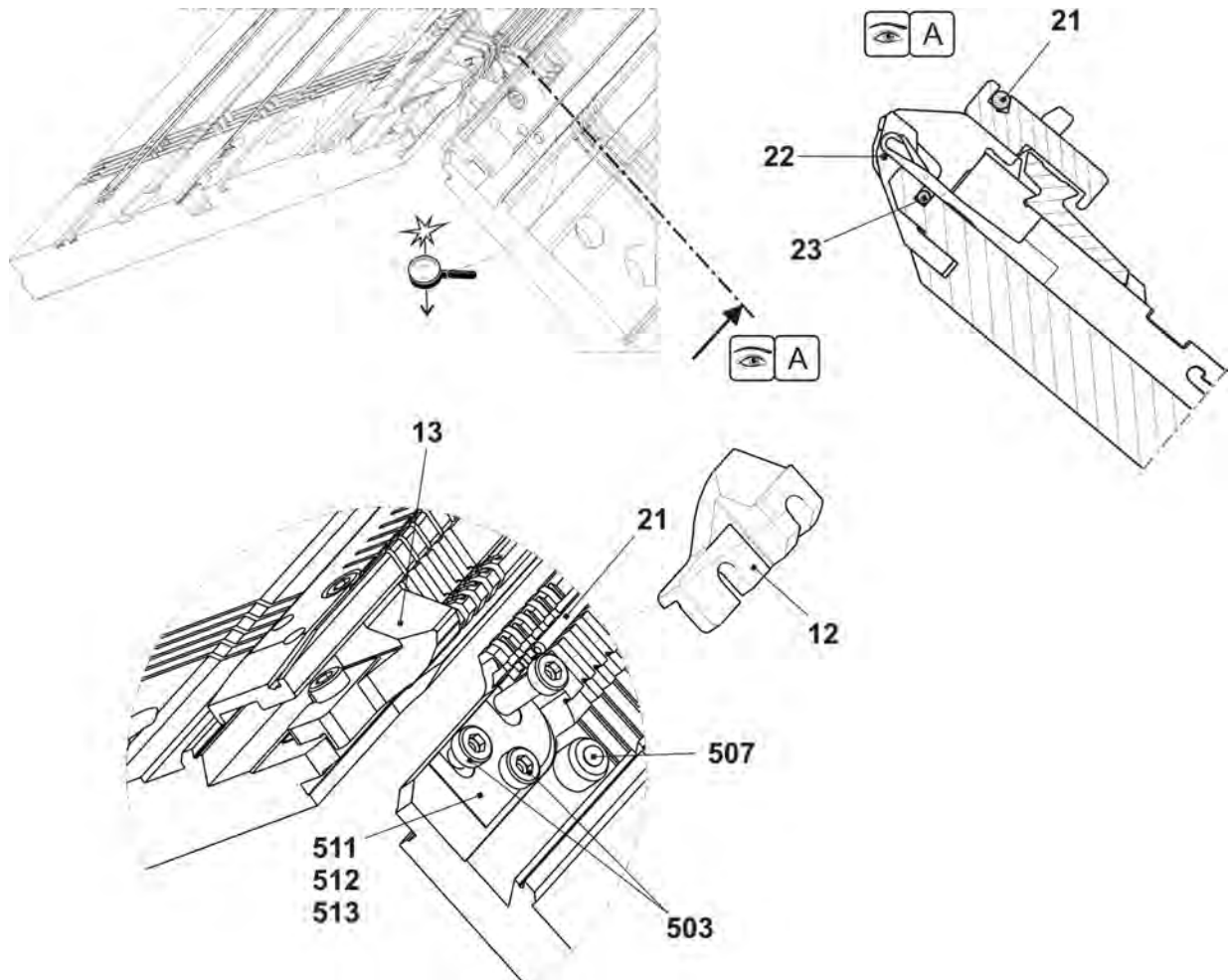
4.6 Needle bed E7m.8

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7m.8	263 871	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E7	263 706	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E7	207 055
15	Needle bar on the right	213 999	29	Holding-down jack E7	205 032
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E7	240 445
17	Cover rail at the front E7	214 034	32	Holding-down jack bed at the front E7	240 428
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E8 with round hook	208 745	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



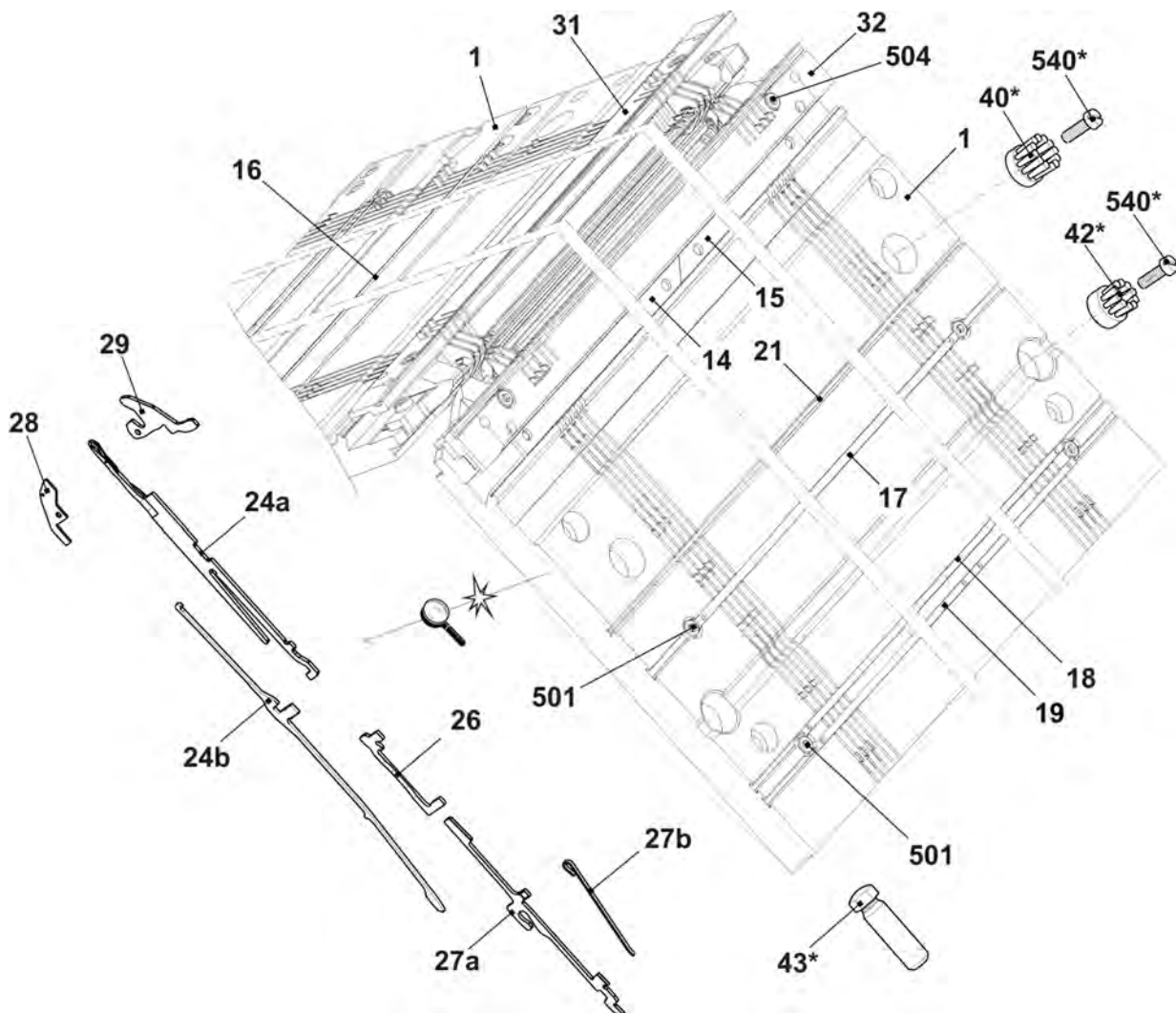
4.6.1 Continuation needle bed E7m.8

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



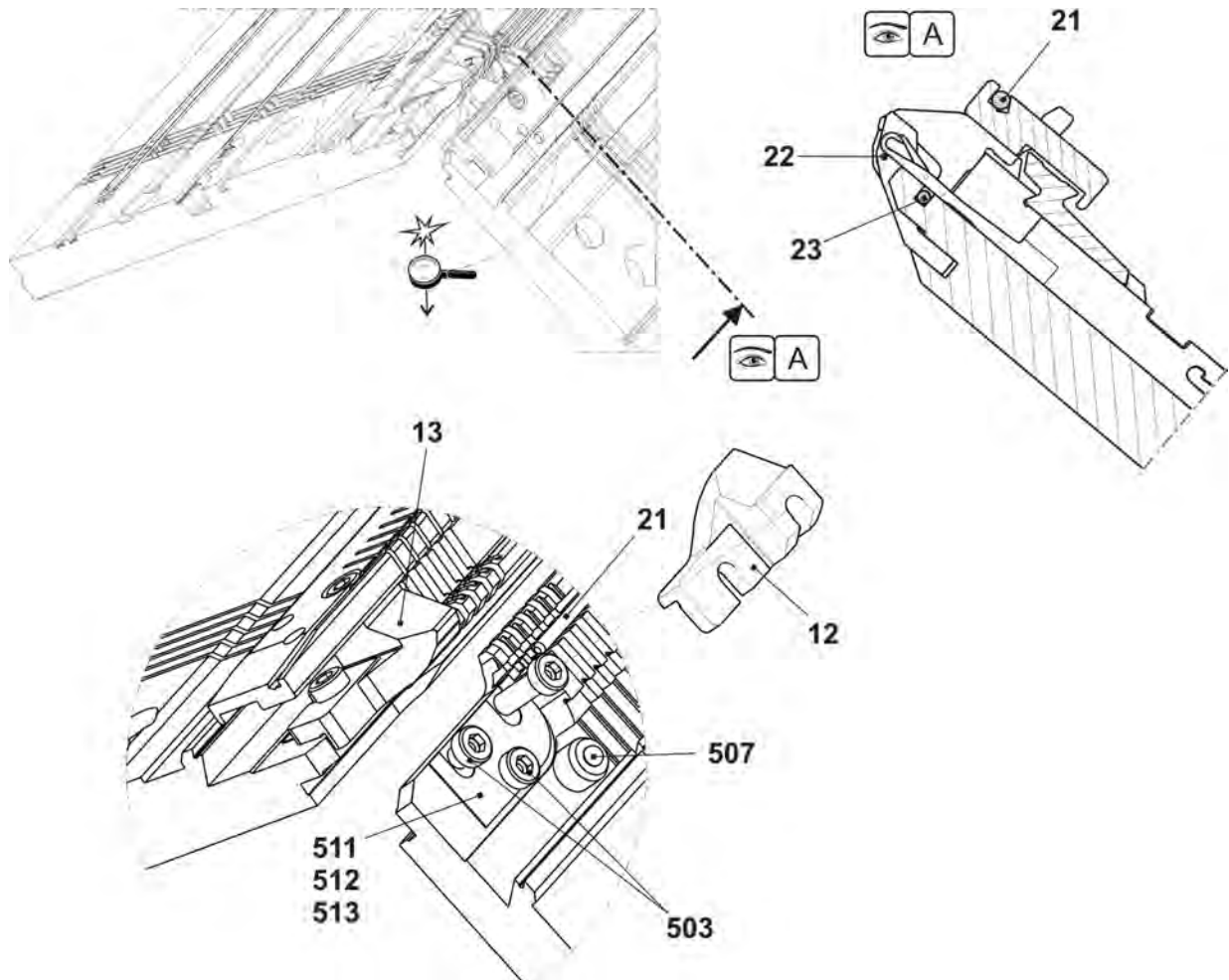
4.7 Needle bed E8m.7

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E8m.7	263 874	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E8	263 707	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E8	207 054
15	Needle bar on the right	213 999	29	Holding-down jack E8	205 028
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E8	240 446
17	Cover rail at the front E8	214 035	32	Holding-down jack bed at the front E8	240 429
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E7 with round hook	205 397	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



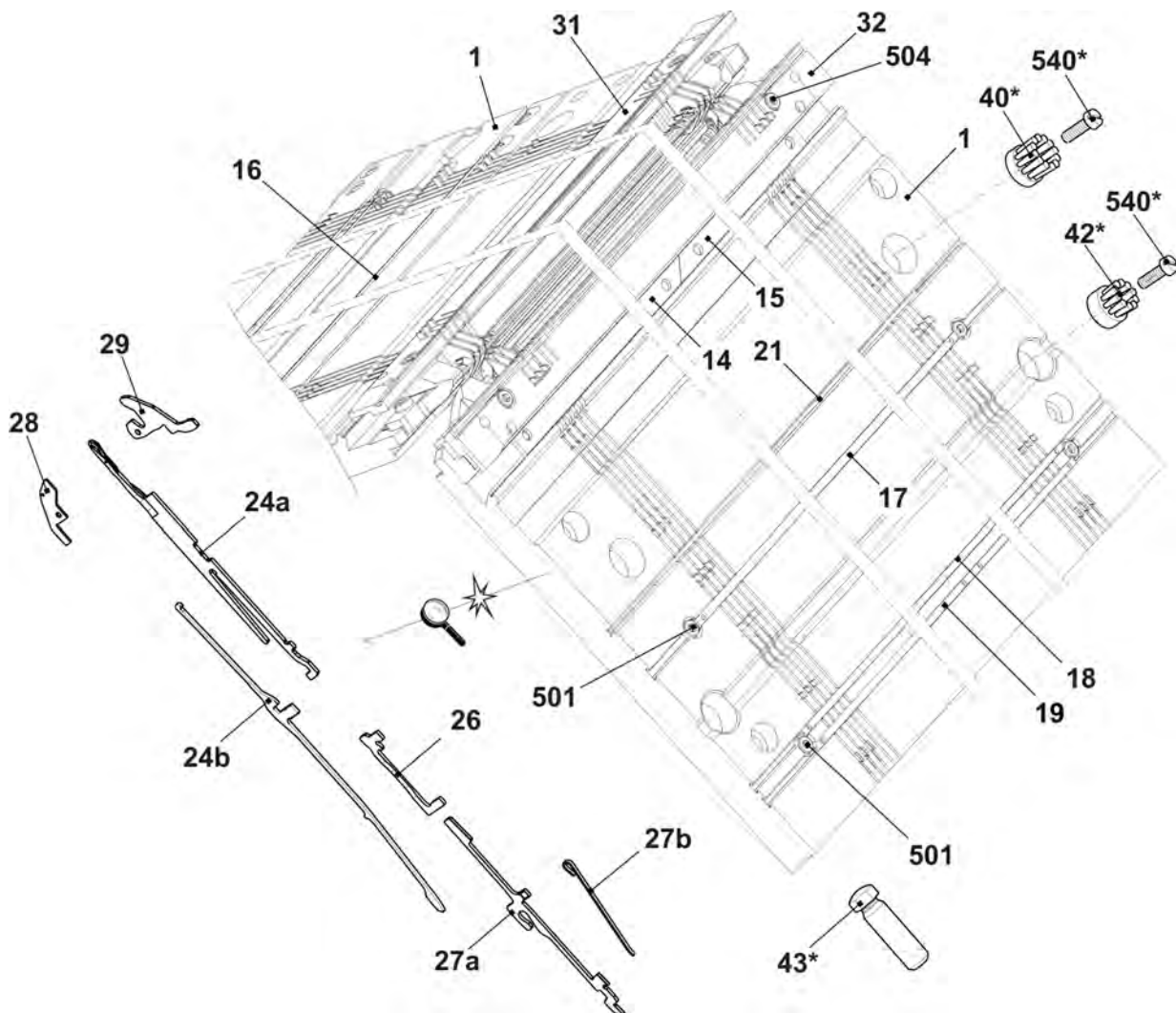
4.7.1 Continuation needle bed E8m.7

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire ø2,8	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire ø1,0	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire ø 2,0	213 996	513	Shim0,2x18,5x34	023 253



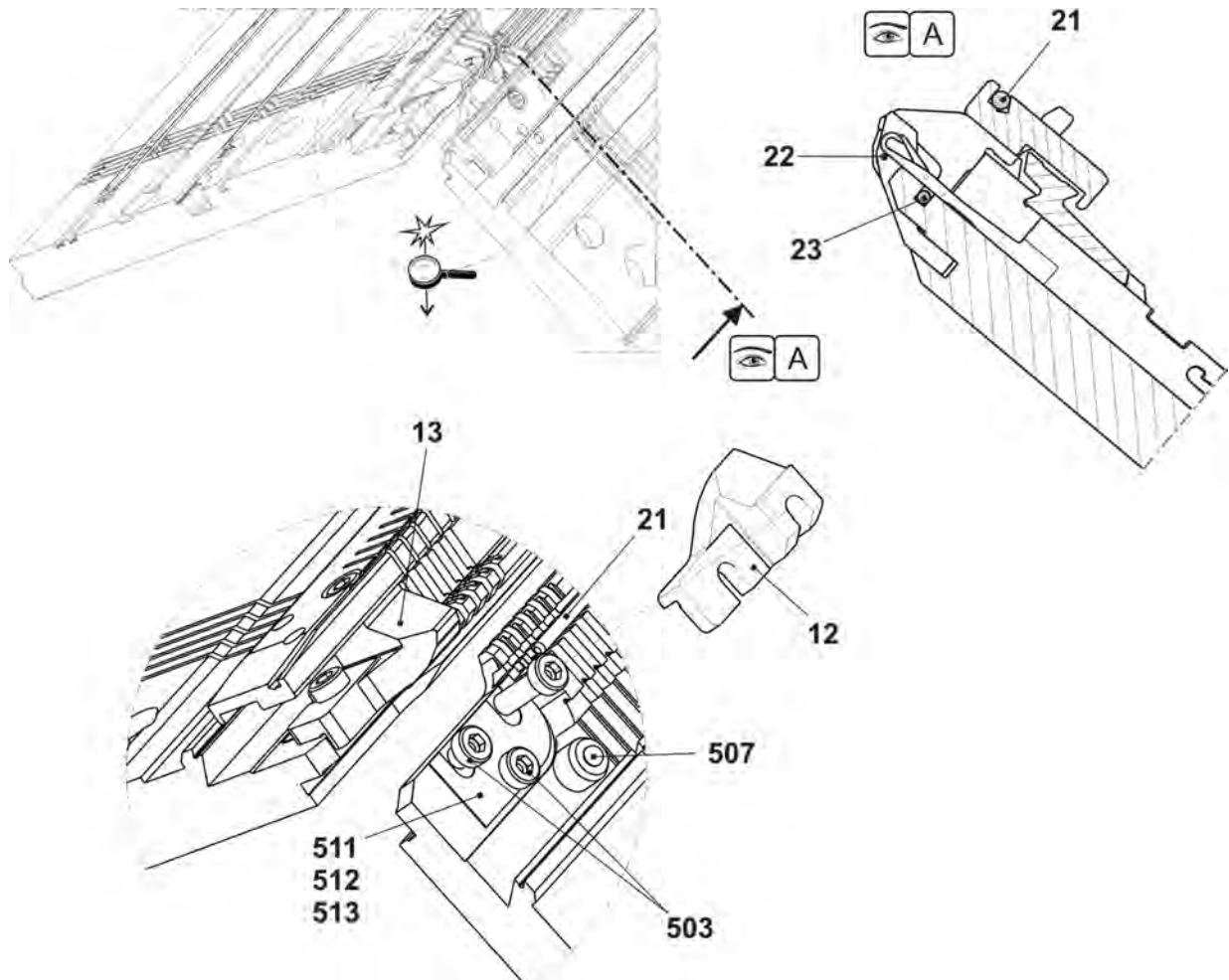
4.8 Needle bed E2,5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E2,5.2	263 868	15	Needle bar on the right	213 999
1	Needle bed at the front + rear E5	263 705	16	Cover rail at the rear	213 981
31	Holding-down jack bed at the rear E5	240 444	17	Cover rail at the front E5	214 033
32	Holding-down jack bed at the front E5	240 427	18	Cover rail	213 762
24a	Needle E2,5.2 E3,5.2	232 581	19	Cover rail	213 763
24b	Coupling part E5 - E8	253 381	21	Locating wire ø2	213 983
26	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
27a	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
27b	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
28	Knock-over bit E5	204 996	42*	Disk brush	202 600
29	Holding-down jack E5	205 031	43*	Adjusting bolt	251 772
14	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



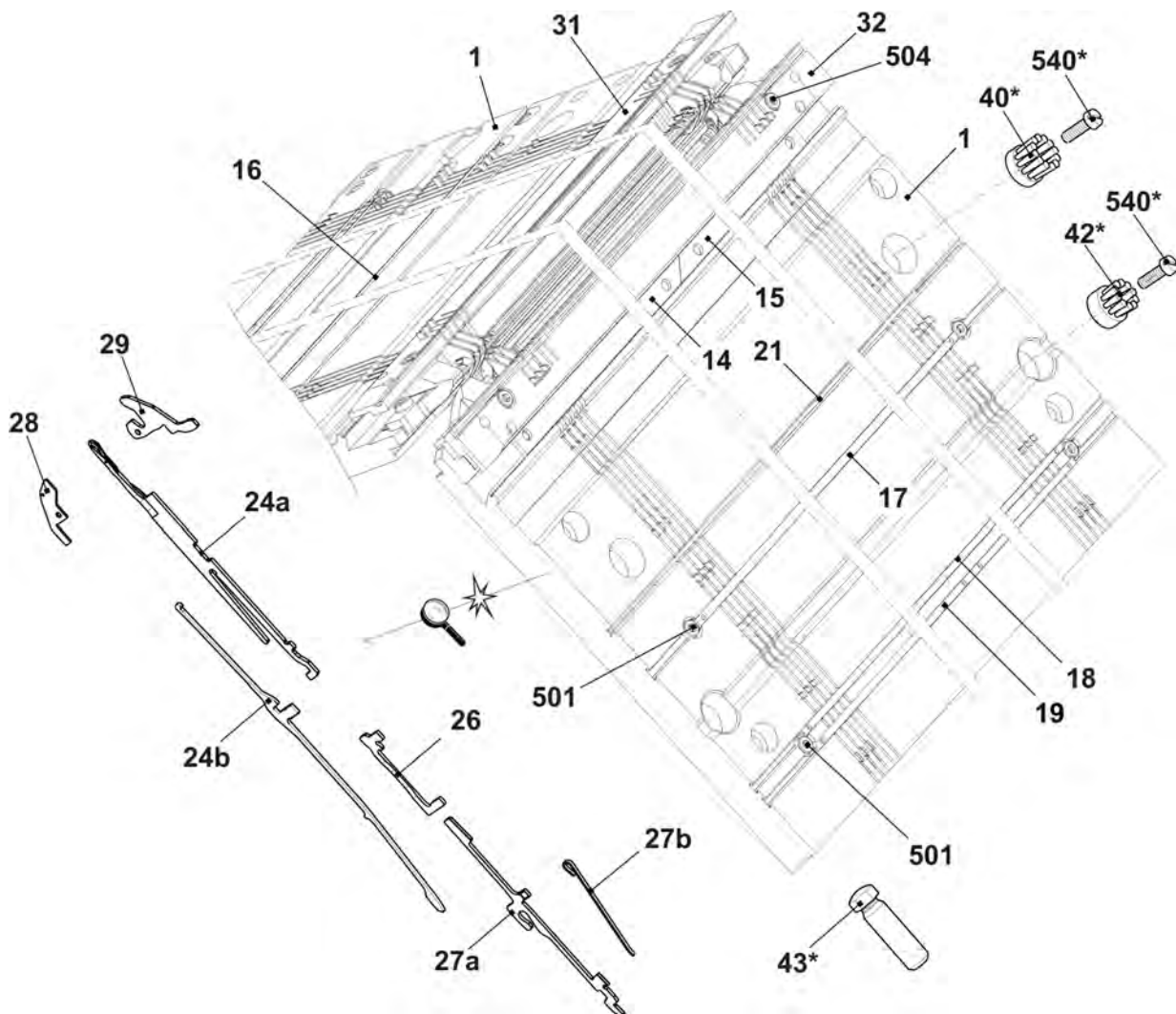
4.8.1 Continuation needle bed E2,5.2

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire ø2,8	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire ø1,0	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire ø 2,0	213 996	513	Shim0,2x18,5x34	023 253



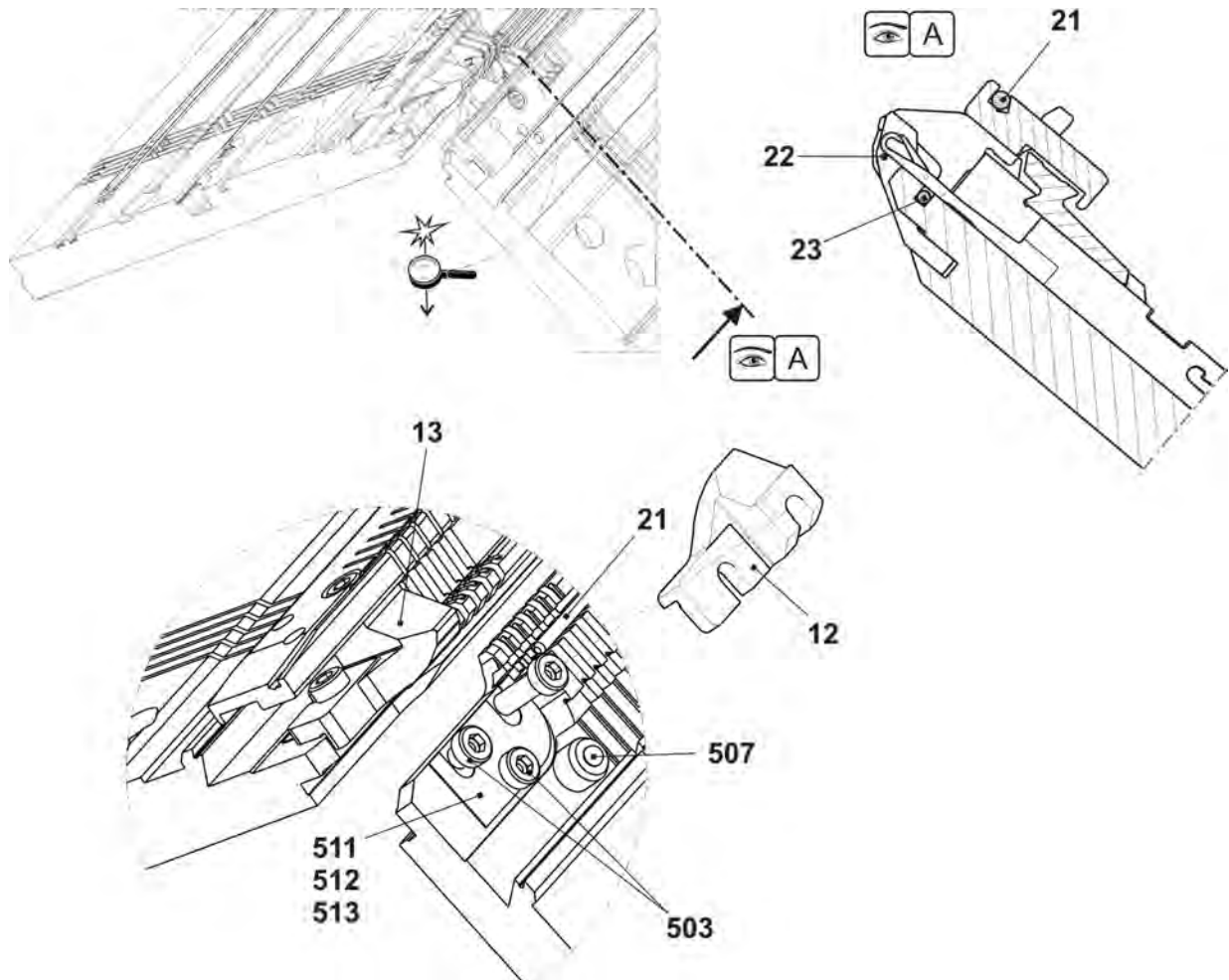
4.9 Needle bed E3,5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E3,5.2	263 872	27a	Selection jack E4 – E8	200 687
1	Needle bed at the front + rear E7	263 706	27b	Selector spring E4 – E8	200 690
14	Needle bar on the left	213 998	28	Knock-over bit E7	207 055
15	Needle bar on the right	213 999	29	Holding-down jack E7	205 032
16	Cover rail at the rear	213 981	31	Holding-down jack bed at the rear E3,5.2	240 453
17	Cover rail at the front E7	214 034	32	Holding-down jack bed at the front E3,5.2	240 436
18	Cover rail	213 762	501	Cap screw M5x10	022 918
19	Cover rail	213 763	504	Cap screw M5x22	023 193
21	Locating wire ø2	213 983	40*	Disk brush	235 612
24a	Needle E2,5.2 E3,5.2	232 581	42*	Disk brush	202 600
24b	Coupling part E5 - E8	253 381	43*	Adjusting bolt	251 772
26	Intermediate slider E5 – E8	237 323	540*	Cap screw M5x12	020 032



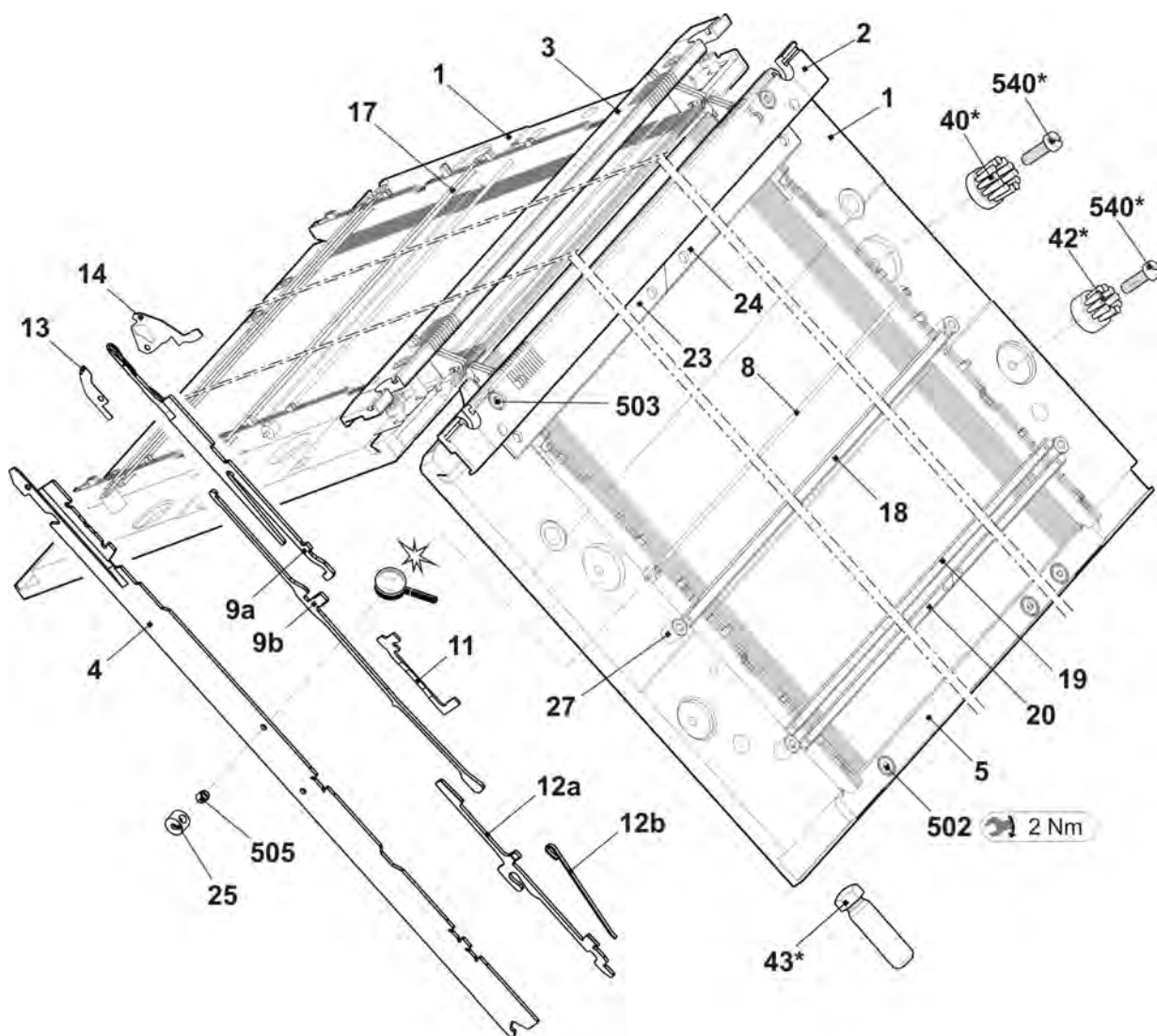
4.9.1 Continuation needle bed E3,5.2

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire ø2,8	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire ø1,0	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire ø 2,0	213 996	513	Shim0,2x18,5x34	023 253



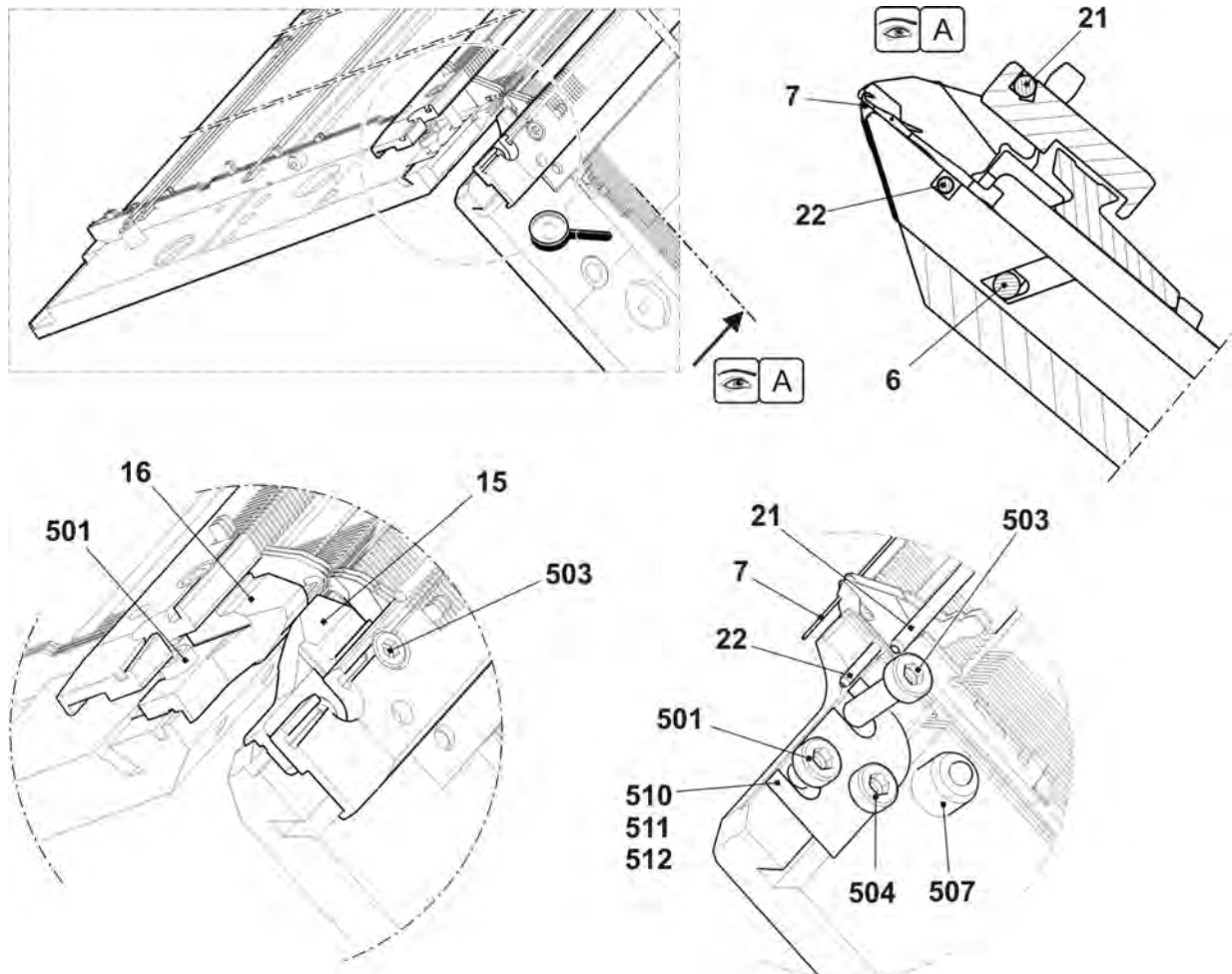
4.10 Needle bed E5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E5.2	263 859			
1	Needle bed at the front + rear E5.2	263 708	18	Cover rail at the front E10	214 036
2	Holding-down jack bed at the front E5.2	240 437	19	Cover rail	213 762
3	Holding-down jack bed at the rear E5.2	240 454	20	Cover rail	213 763
4	Main trick wall E5.2	219 171	23	Needle bar on the left	213 998
5	Pressure slide E10-14	213 919	24	Needle bar on the right	213 999
8	Spring steel wire $\varnothing 2,0$	213 996	25	Bush	206 090
9a	Needle E5.2	219 181	27	Stop screw	214 039
9b	Coupling part E5.2	219 188	502	Cap screw M5x8	023 379
11	Intermediate slider complete E5.2	236 030	503	Cap screw M5x22	023 193
12a	Selection jack E5.2	219 214	505	Set screw M3,5x3-1	020 512
12b	Selector spring E5.2	219 265	40*	Disk brush	235 612
13	Knock-over bit E5.2	221 367	42*	Disk brush	202 600
14	Holding-down jack breast E5.2	229 832	43*	Adjusting bolt	251 772
17	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032



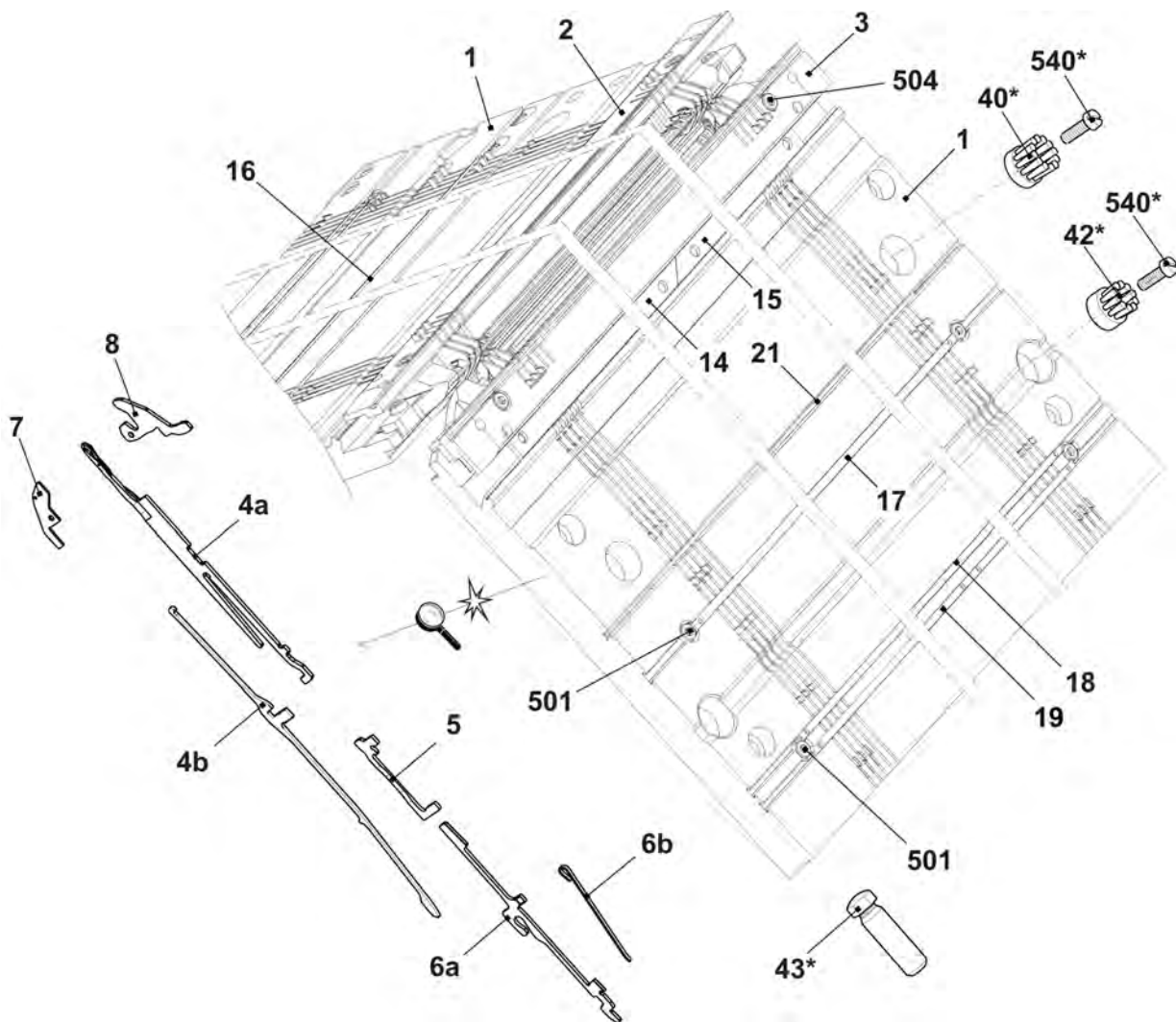
4.10.1 Continuation needle bed E5.2

Pos	Designation	Id	Pos	Designation	Id
6	Locating wire $\varnothing 3,4$	213 995	503	Cap screw M5x22	023 193
7	Spring steel wire $\varnothing 1,0$	213 988	504	Cap screw M5x12	022 943
15	Limiter on the left E4-8	205 343	507	Springy thrust piece	023 177
16	Limiter on the right E4-8	205 344	510	Shim0,05x18,5x34	023 196
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,1x18,5x34	023 197
22	Spring steel wire $\varnothing 1,95$	213 997	512	Shim0,2x18,5x34	023 253
501	Cap screw M5x8-8.8	023 154			



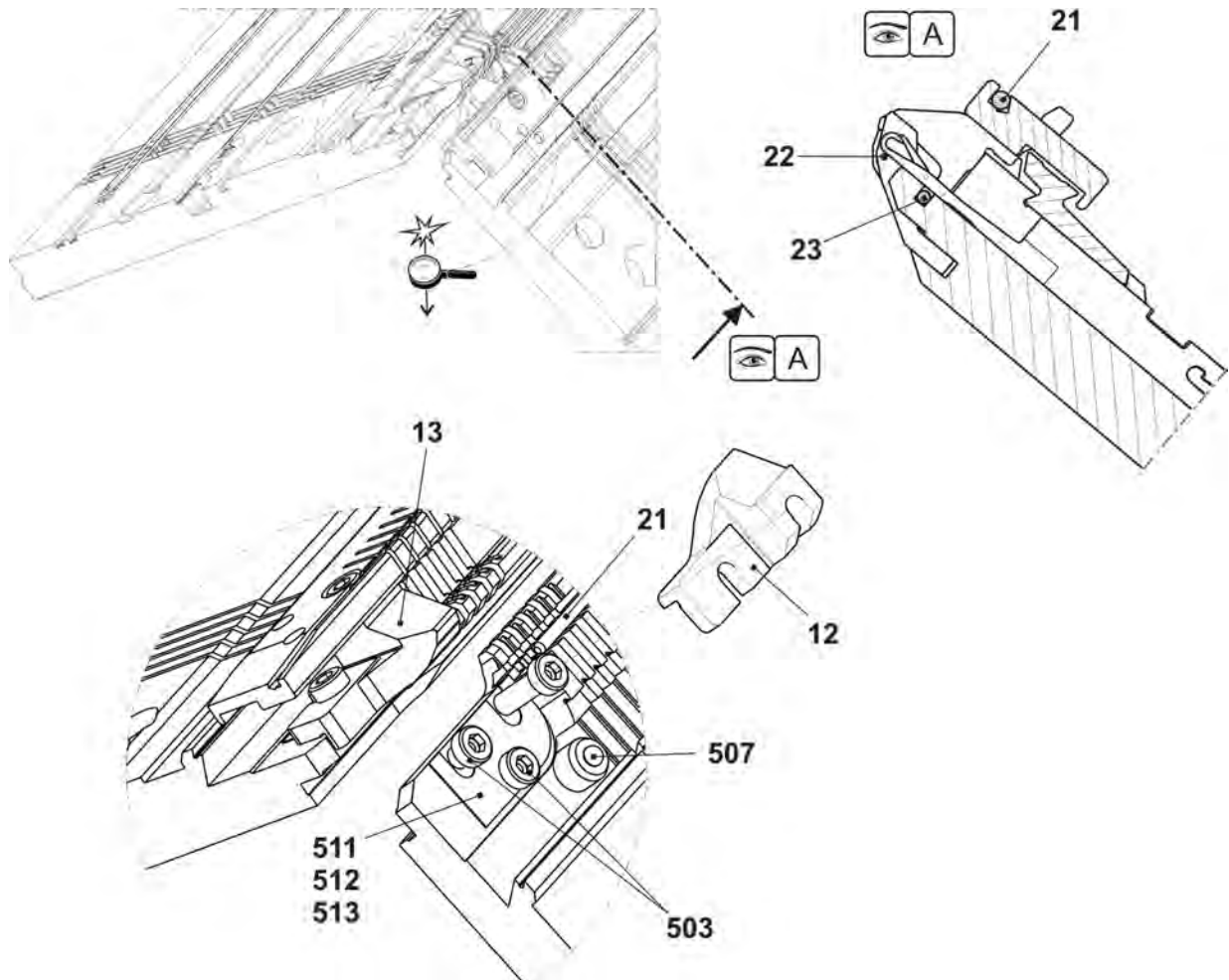
4.11 Needle bed E2,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front and rear E2,5.2m.4L	263 869	15	Needle bar on the right	213 999
1	Needle bed at the front + rear E5	263 705	16	Cover rail at the rear	213 981
2	Holding-down jack bed at the rear E2,5.2	240 452	17	Cover rail at the front E5	214 033
3	Holding-down jack bed at the front E2,5.2	240 435	18	Cover rail	213 762
4a	Needle E2,5.2+3,5.2m.4L	258 694	19	Cover rail	213 763
4b	Coupling part E5 - E8	253 381	21	Locating wire D=2,8 1290mm	213 983
5	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
6a	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
6b	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
7	Knock-over bit E5	204 996	42*	Disk brush	202 600
8	Holding-down jack E5	205 031	43*	Adjusting bolt	251 772
14	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



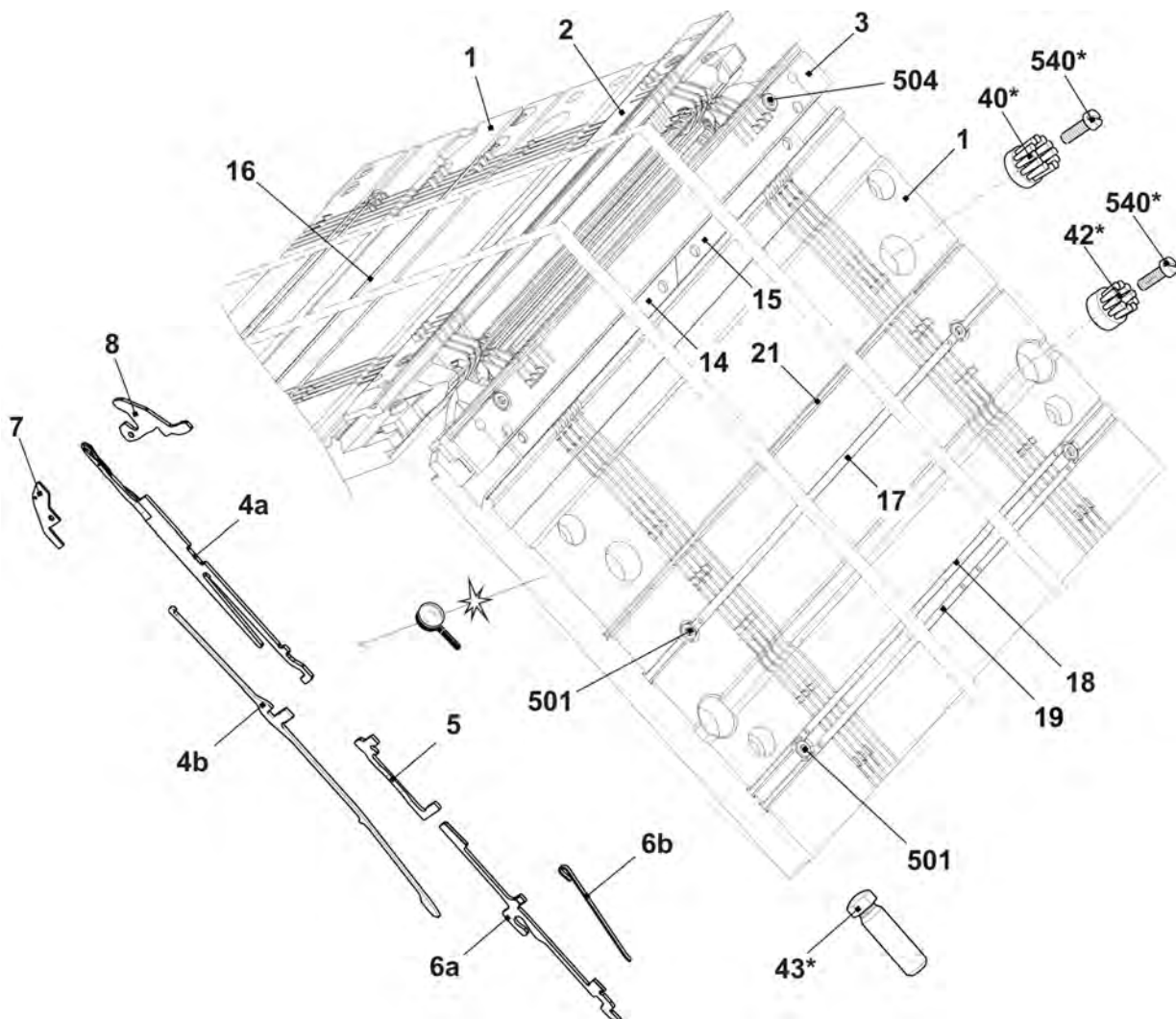
4.11.1 Continuation needle bed E2,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



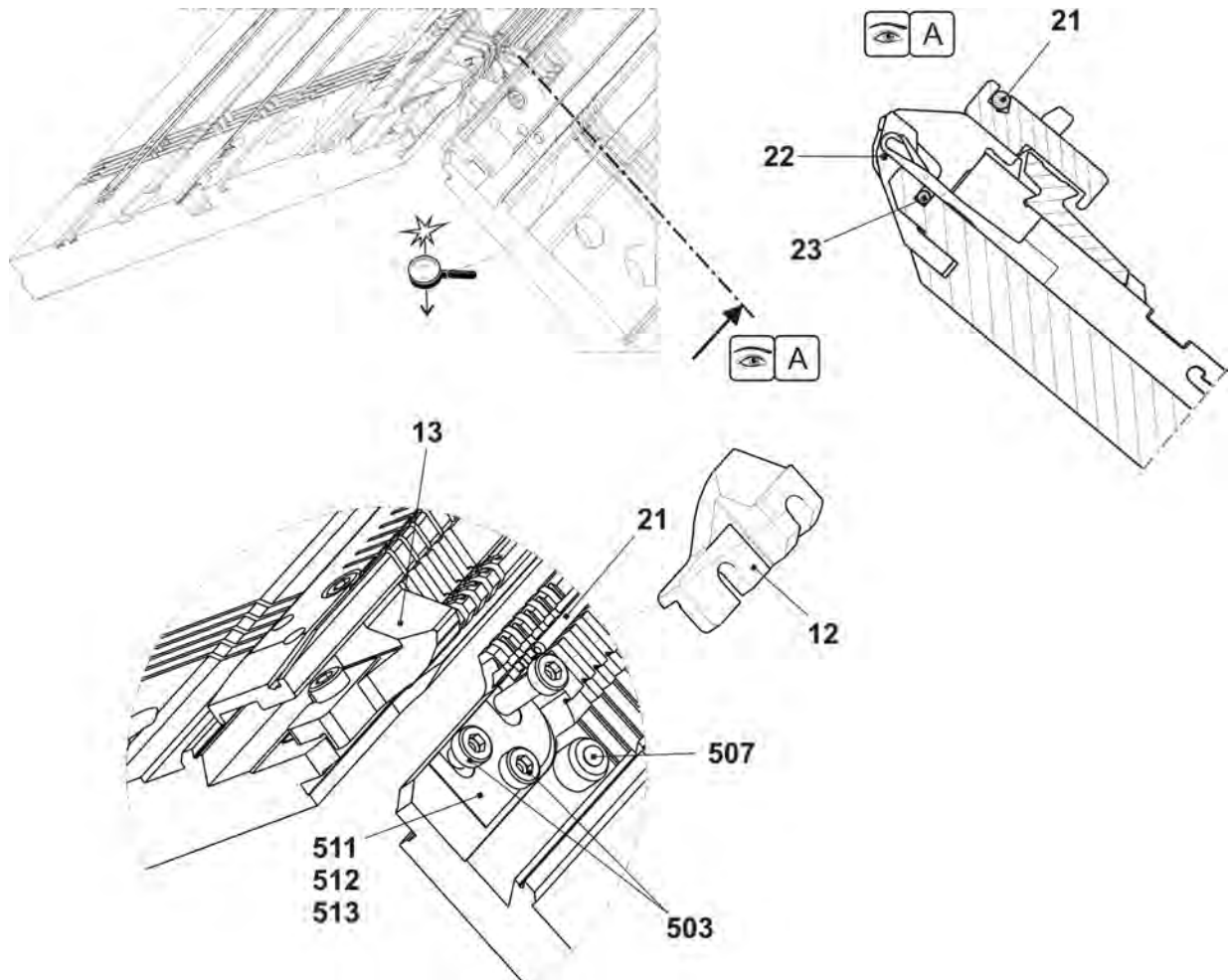
4.12 Needle bed E3,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front and rear E3,5.2m.4L	263 873	15	Needle bar on the right	213 999
1	Needle bed at the front + rear E7	263 706	16	Cover rail at the rear	213 981
2	Holding-down jack bed at the rear E3,5.2	240 453	17	Cover rail at the front E7	214 034
3	Holding-down jack bed at the front E3,5.2	240 436	18	Cover rail	213 762
4a	Needle E2,5.2+3,5.2m.4L	258 694	19	Cover rail	213 763
4b	Coupling part E5 - E8	253 381	21	Locating wire ø2,8	213 983
5	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
6a	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
6b	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
7	Knock-over bit E7	207 055	42*	Disk brush	202 600
8	Holding-down jack E7	205 032	43*	Adjusting bolt	251 772
14	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



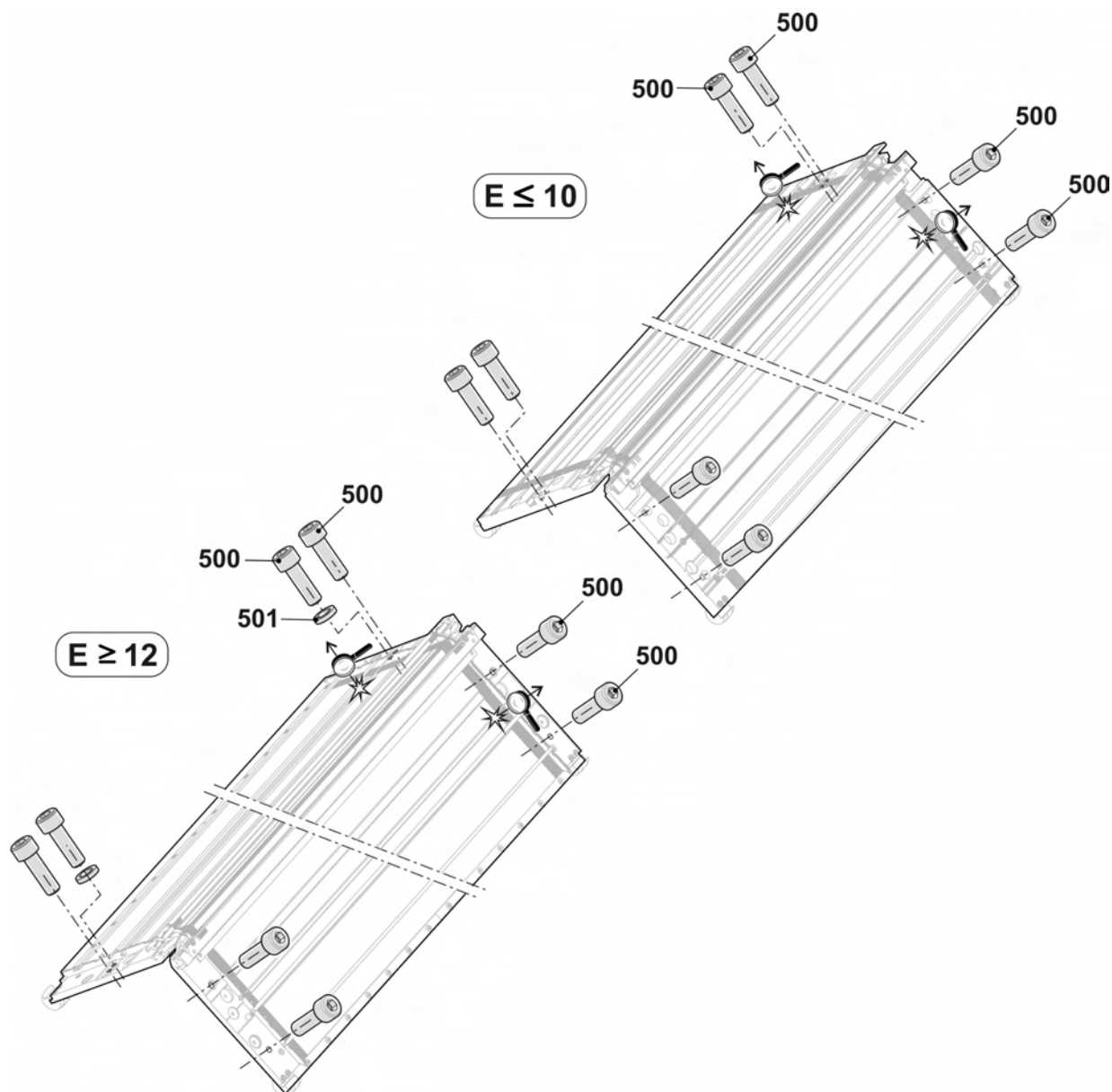
4.12.1 Continuation needle bed E3,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
12	Limiter on the left E4-8	205 343	503	Cap screw M5x8	023 154
13	Limiter on the right E4-8	205 344	507	Springy thrust piece	023 177
21	Locating wire $\varnothing 2,8$	213 983	511	Shim0,05x18,5x34	023 196
22	Spring steel wire $\varnothing 1,0$	213 988	512	Shim0,1x18,5x34	023 197
23	Spring steel wire $\varnothing 2,0$	213 996	513	Shim0,2x18,5x34	023 253



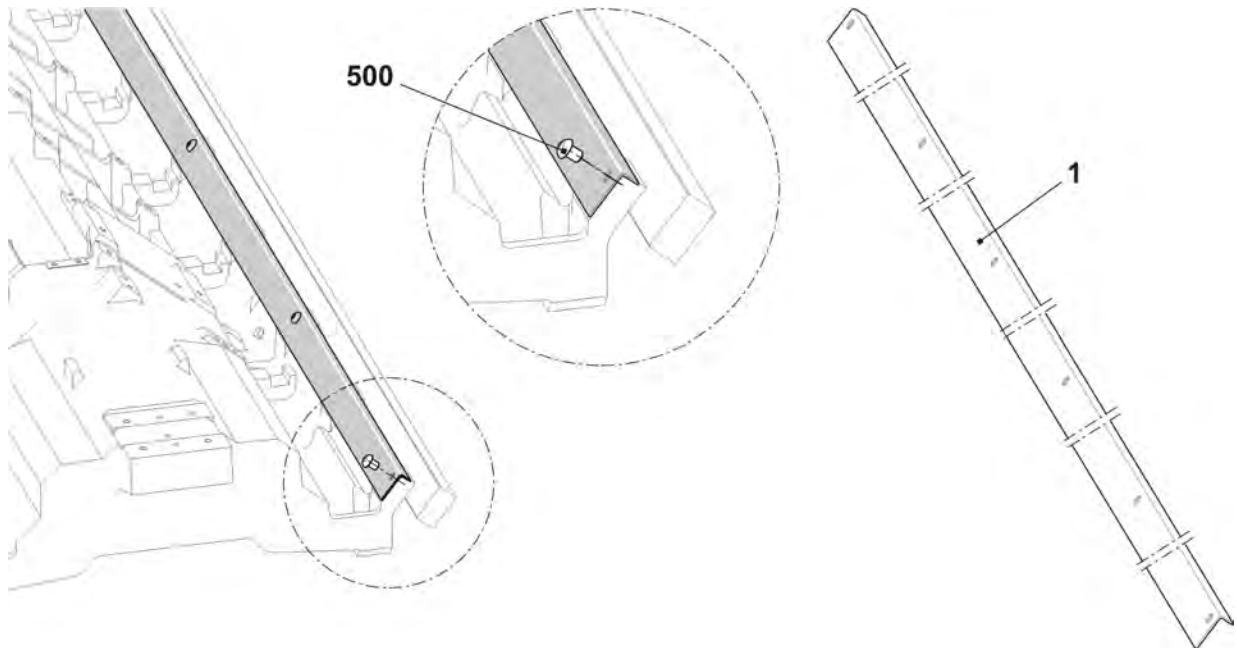
4.13 Needle beds, fixing elements

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Fixing elements				
500	Cap screw M8x25	020 142	501	Washer	214 040



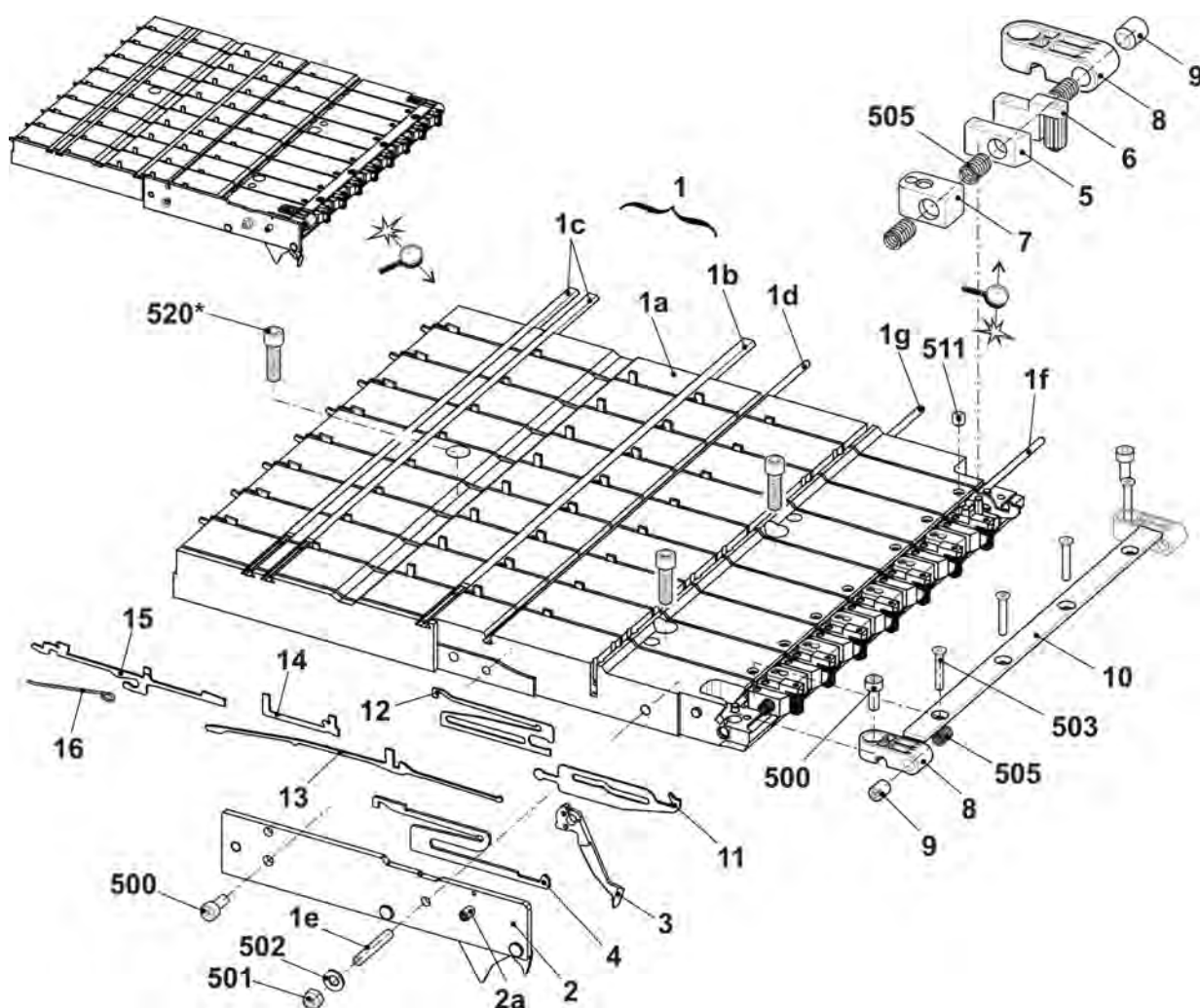
4.14 Cover

Pos	Designation	Id	Pos	Designation	Id
1	Cover	241 922	500	Pan-head screw M8x10	241 930



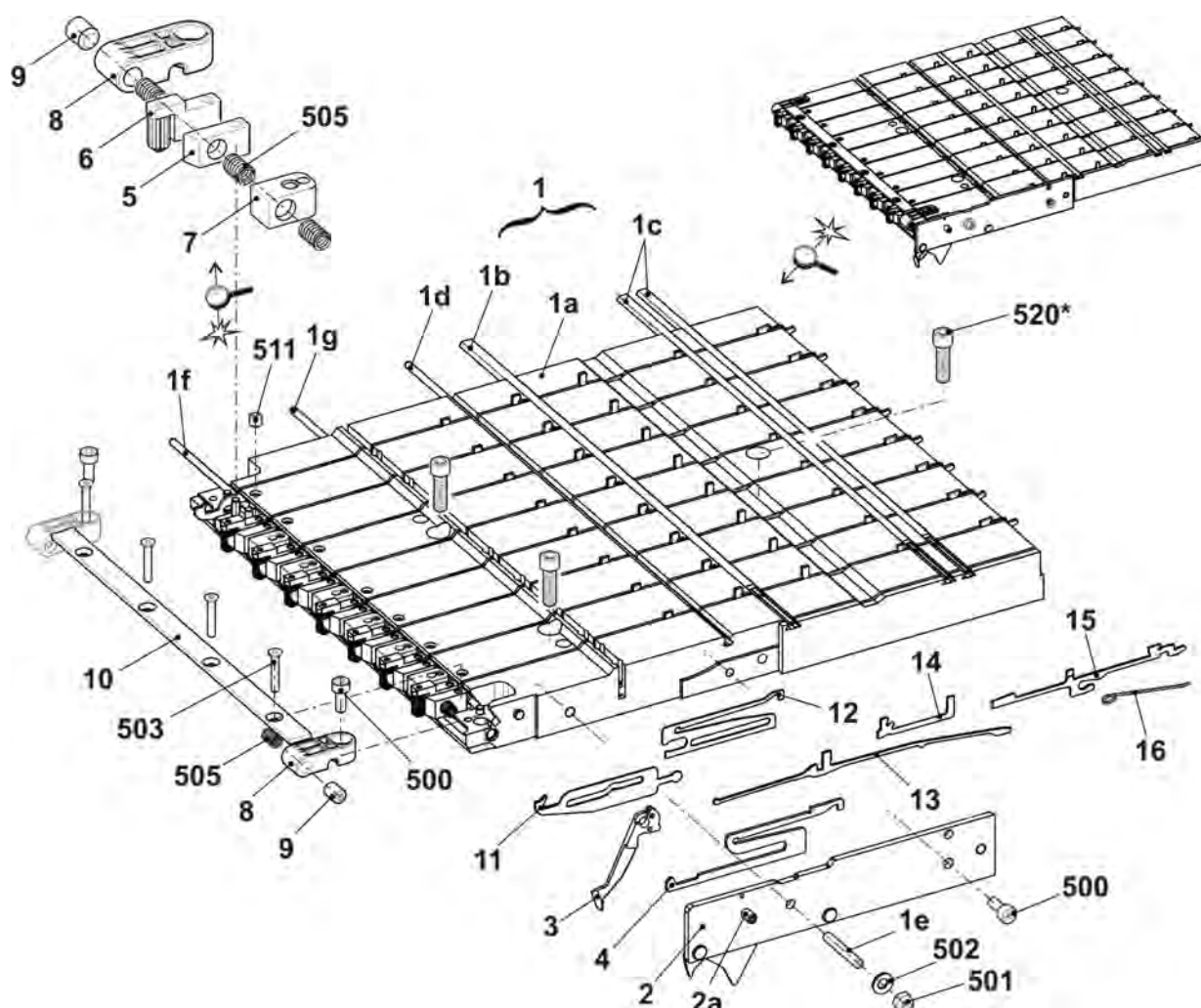
4.15 Left clamping and cutting bed E5-7 | E5m.4 | E7m.5 | 7m. 8 | E2,5.2 | E3,5.2 | E2,5.2 | E3,5.2 | E2,5.2m4L | E3,5.2m4L

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Left clamping and cutting bed E2,5.2m.4L	260 089	7	Intermediate piece	255 719
1	Guide plate EPT on the left E5-14	257 194	8	Spring holder	255 724
	1a Guide plate on the left E5-14	257 190	9	Threaded bolt	255 723
	1b Cover rail	253 173	10	Holding strip	253 176
	1c Cover rail	253 174	11	Catch needle on the left E2,5.2m.4L	260 510
	1d Locating wire	253 172	12	Intermediate part E10-14	244 591
	1e Guide pin	211 351	13	Coupling part E5-8	253 381
	1f Locating wire	253 171	14	Intermediate slider with brake E5-8	237 323
	1g Locating wire	215 927	15	Selection jack E4-8	200 687
	511 Setscrew M5x5	236 061	16	Selector spring E4-8	200 690
2	Cover on the left complete E5-14	260 967	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the left E5-14	260 969	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
5	Blade	260 509	505	Compression spring 07x4,3x12,1	023 521
6	Clamp on the left complete	260 513	520*	Cap screw M6x20	244 824



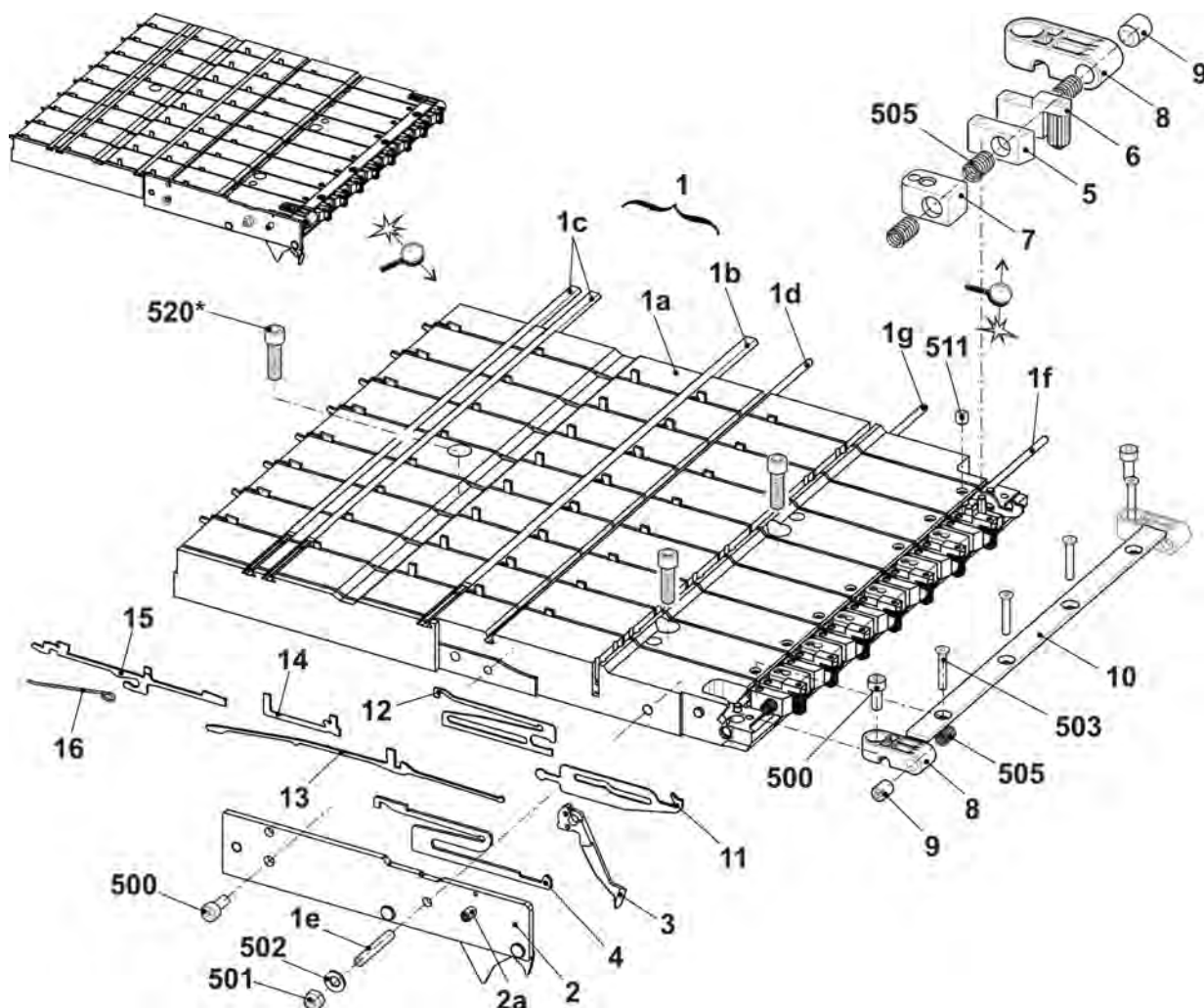
4.16 Right clamping and cutting bed E5-7 | E5m.4 | E7m.5 | 7m.8 | E2,5.2 | E3,5.2 | E2,5.2 | E3,5.2 | E2,5.2m4L | E3,5.2m4L

Pos	Designation	ID	Pos	Designation	ID
Σ	Clamping and cutting bed on the right E2,5.2m.4L	260 088	7	Intermediate piece	255 719
1	Guide plate EPT on the right E5-14	257 193	8	Spring holder	255 724
1a	Guide plate on the right E5-14	257 189	9	Threaded bolt	255 723
1b	Cover rail	253 173	10	Holding strip	253 176
1c	Cover rail	253 174	11	Catch needle on the right E2,5.2m.4L	260 512
1d	Locating wire	253 172	12	Intermediate part E10-14	244 591
1e	Guide pin	211 351	13	Coupling part E5-8	253 381
1f	Locating wire	253 171	14	Intermediate slider with brake E5-8	237 323
1g	Locating wire	215 927	15	Selection jack E4-8	200 687
511	Setscrew M5x5	236 061	16	Selector spring E4-8	200 690
2	Cover on the right complete E5-14	260 966	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the right E5-14	260 968	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
5	Blade	260 509	505	Compression spring 07x4,3x12,1	023 521
6	Clamp on the right complete	260 514	520*	Cap screw M6x20	244 824



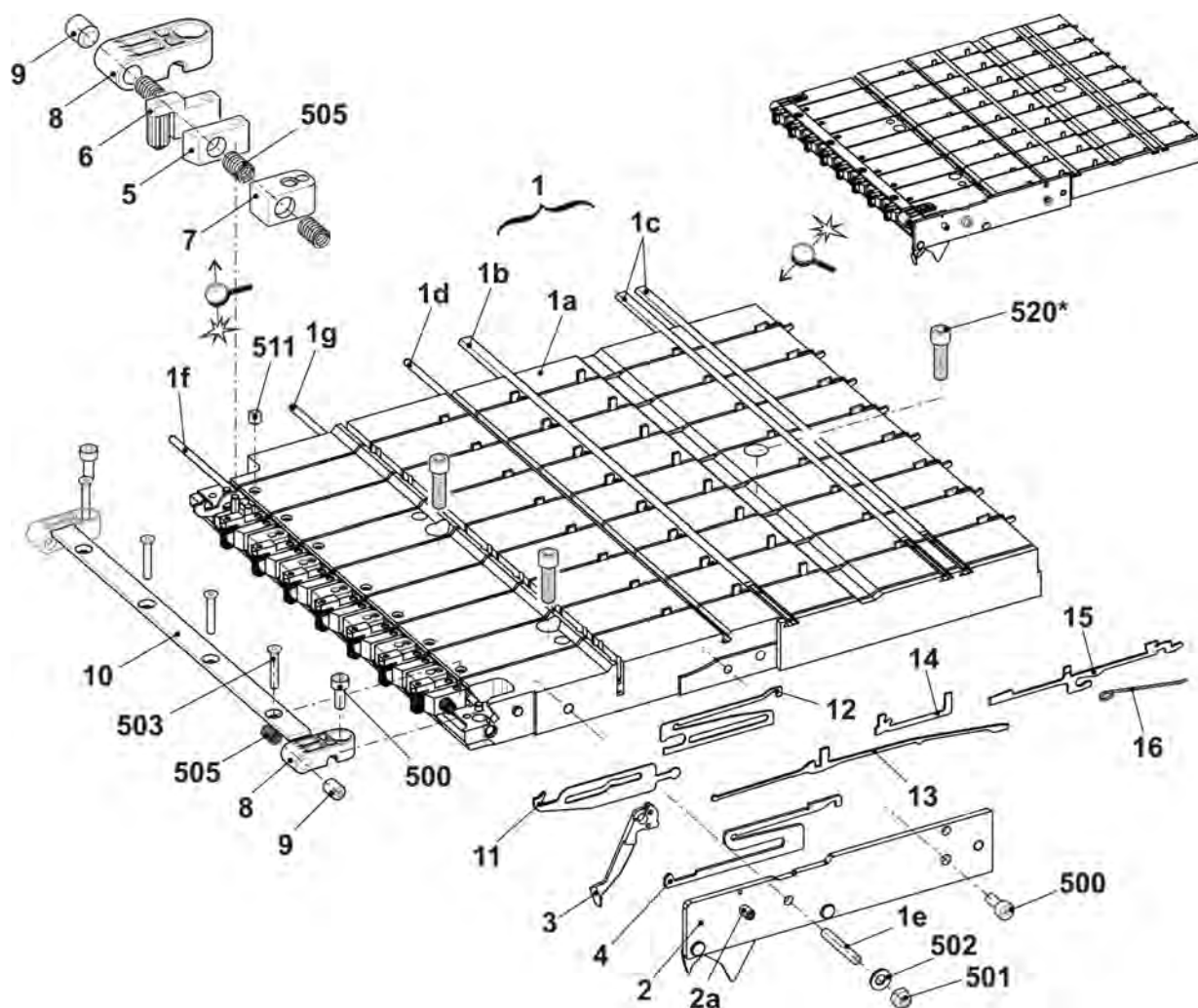
4.17 Left clamping and cutting bed E8 | E8m.7 | E5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E5-14	257 198	7	Intermediate piece	255 719
1	Guide plate EPT on the left E5-14	257 194	8	Spring holder	255 724
	1a Guide plate on the left E5-14	257 190	9	Threaded bolt	255 723
	1b Cover rail	253 173	10	Holding strip	253 176
	1c Cover rail	253 174	11	Catch needle on the left E5-14	255 813
	1d Locating wire	253 172	12	Intermediate part E10-14	244 591
	1e Guide pin	211 351	13	Coupling part E5-8	253 381
	1f Locating wire	253 171	14	Intermediate slider with brake E5-8	237 323
	1g Locating wire	215 927	15	Selection jack E4-8	200 687
	511 Setscrew M5x5	236 061	16	Selector spring E4-8	200 690
2	Cover on the left complete E5-14	260 967	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the left E5-14	260 969	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
5	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
6	Clamp on the left complete	244 633	520*	Cap screw M6x20	244 824

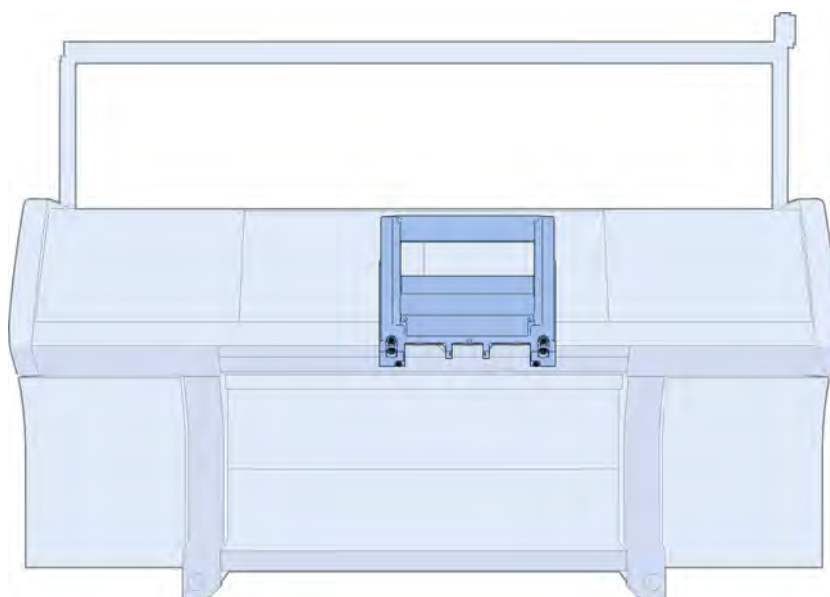


4.18 Right clamping and cutting bed E8 | E8m.7 | E5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E5-14	257 197	7	Intermediate piece	255 719
1	Guide plate EPT on the right E5-14	257 193	8	Spring holder	255 424
1a	Guide plate on the right E5-14	257 189	9	Threaded bolt	255 723
1b	Cover rail	253 173	10	Holding strip	253 176
1c	Cover rail	253 174	11	Catch needle on the right E5-14	255 692
1d	Locating wire	253 172	12	Intermediate part E10-14	244 591
1e	Guide pin	211 351	13	Coupling part E5-8	253 381
1f	Locating wire	253 171	14	Intermediate slider with brake E5-8	237 323
1g	Locating wire	215 927	15	Selection jack E4-8	200 687
511	Setscrew M5x5	236 061	16	Selector spring E4-8	200 690
2	Cover on the right complete E5-14	260 966	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the right E5-14	260 968	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
5	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
6	Clamp on the right complete	244 602	520*	Cap screw M6x20	244 824

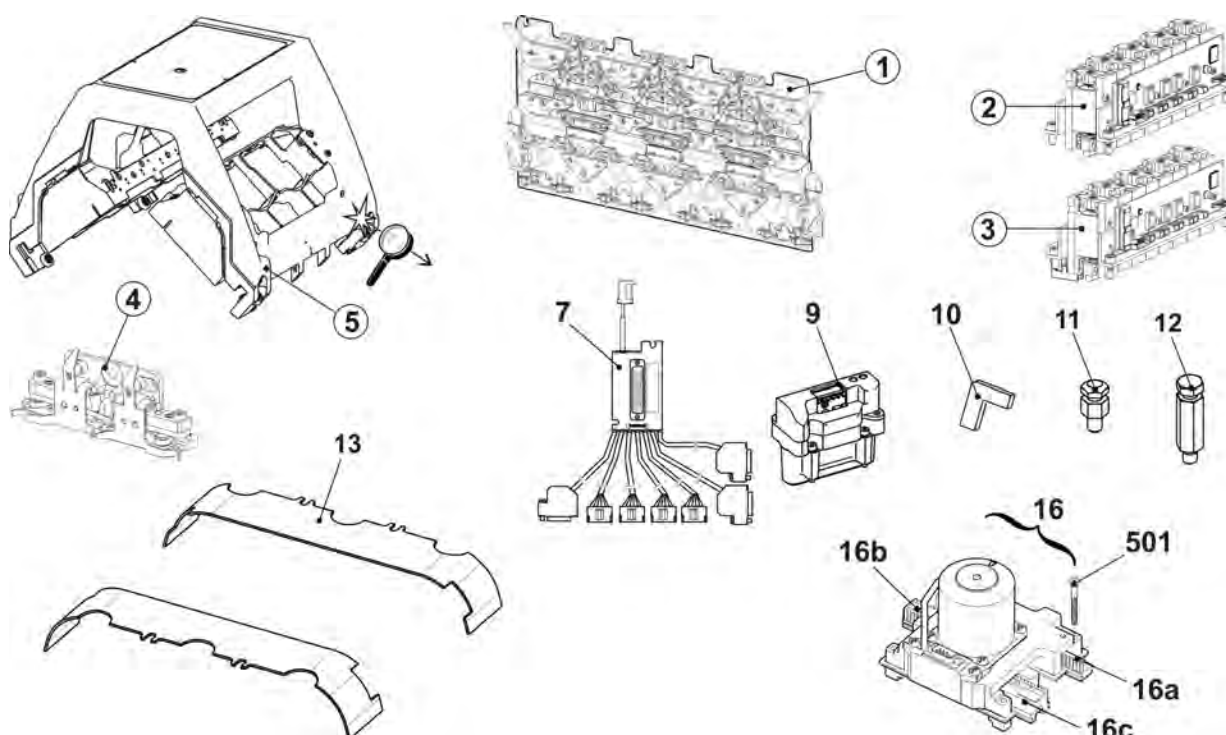


5 Carriage



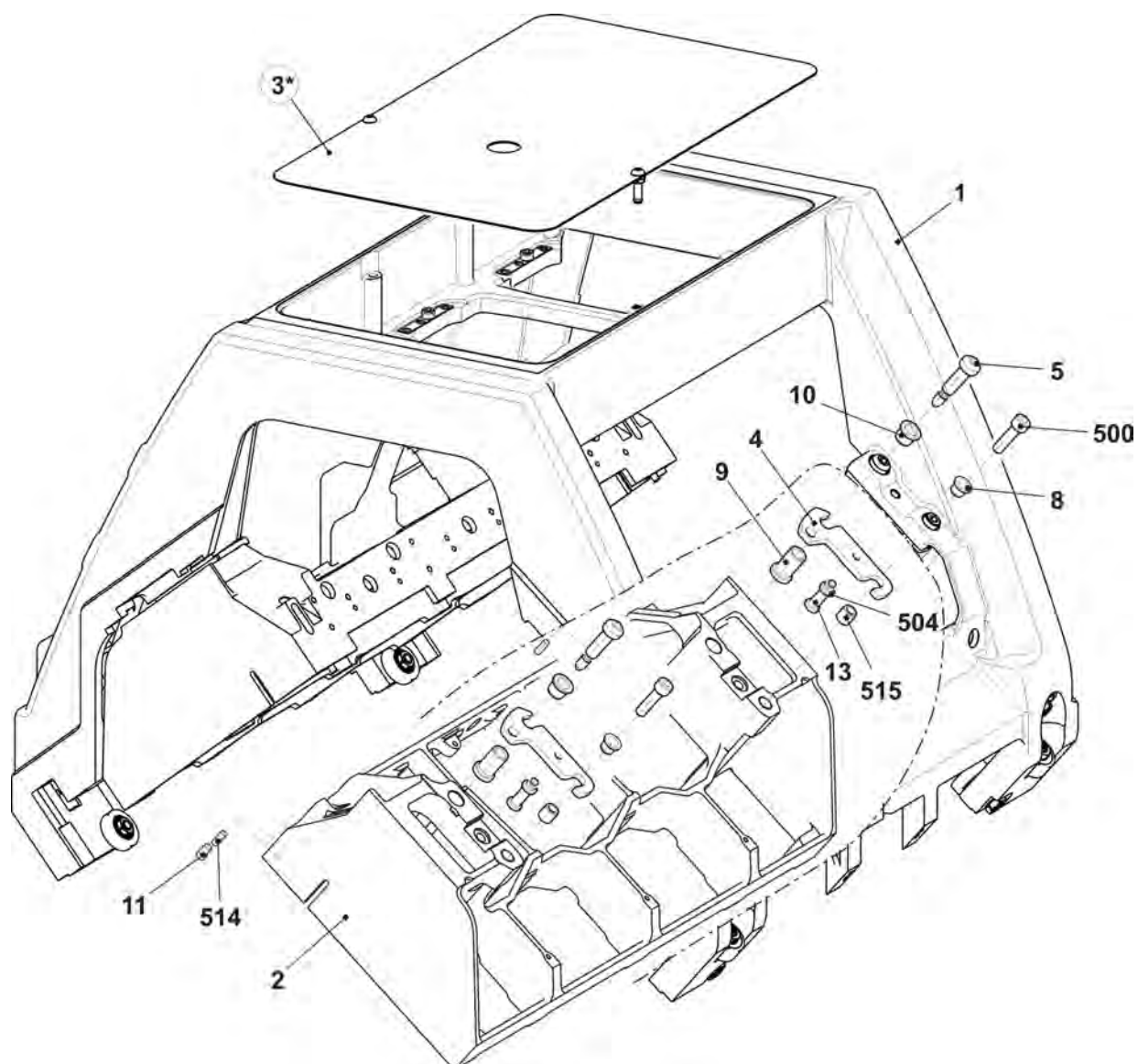
5.1 Overview of carriage

Pos	Designation	Id	Pos	Designation	Id
Σ	Carriage 3 cam boxes complete				
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2	256 045	7	Distributor 530 ECO2	253 551
	E7 E8 E7m.8 E8m.7	256 054	9	Selection system completeE2-8	216 218
	E5.2	256 053		Selection system completeE10-12 (E5.2)	216 219
	E2,5.2m.4L E3,5.2m.4L	260 093	10	Wiper (felt)	241 411
1	Cam box complete		11	Bolts	212 392
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2	241 566	12	Bolts	243 171
	E7 E8 E7m.8 E8m.7	241 567	13	Cover plate at the top	265 390
	E2,5.2m.4L E3,5.2m.4L	260 071	16	Motor unit complete(AT=711017)	253 531
2	FF driving outside complete	245 297	16a	Gear rack at the top	209 781
3	FF driving in the middle complete	245 298	16b	Gear rack in the middle	209 782
4	Holding-down jack control completeE5-8	241 515	16c	Gear rack at the bottom	209 783
5	Carriage assembly 3 cam boxes 530	256 494	501	Screw M4x30	023 290



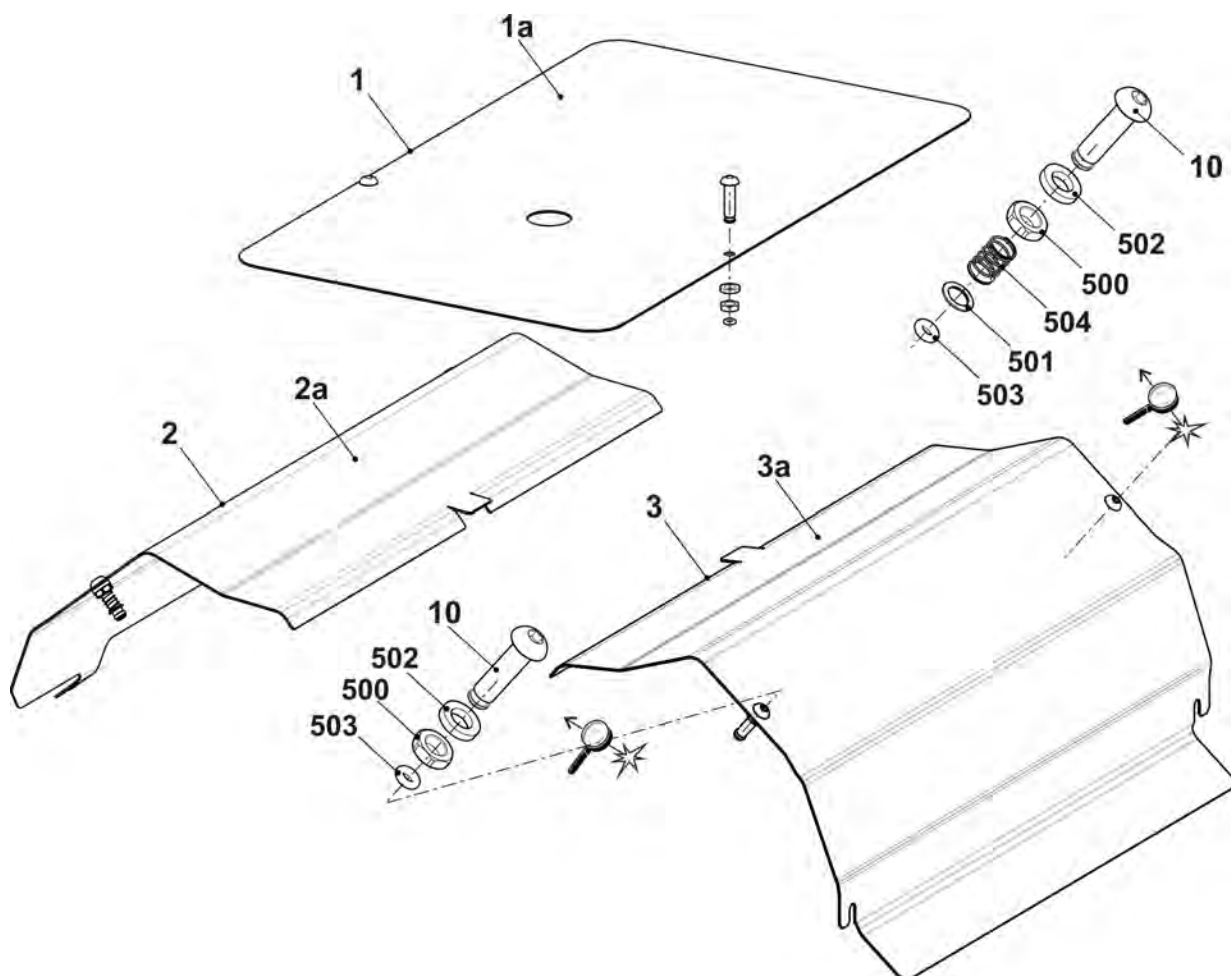
5.2 Carriage assembly

Pos	Designation	Id	Pos	Designation	Id
Σ	Carriage assembly 3 cam boxes complete	256 494			
1	Carriage frame	264 818	10	Bush	209 274
2	Carriage part, 3 cam boxes	253 005	11	Eccentric	222 983
3*	Carriage cover at the top, 3 cam boxes	257 100	13	Locating bolt linking spot	244 179
4	Shim	225 312	500	Cap screw M8x30	020 143
5	Shoulder screw	211 750	504	Circlip6	021 022
8	Bush	207 546	514	Dowel pin 5x14	020 670
9	Bush	209 275	515	Threaded bush M12x11,5	041 863



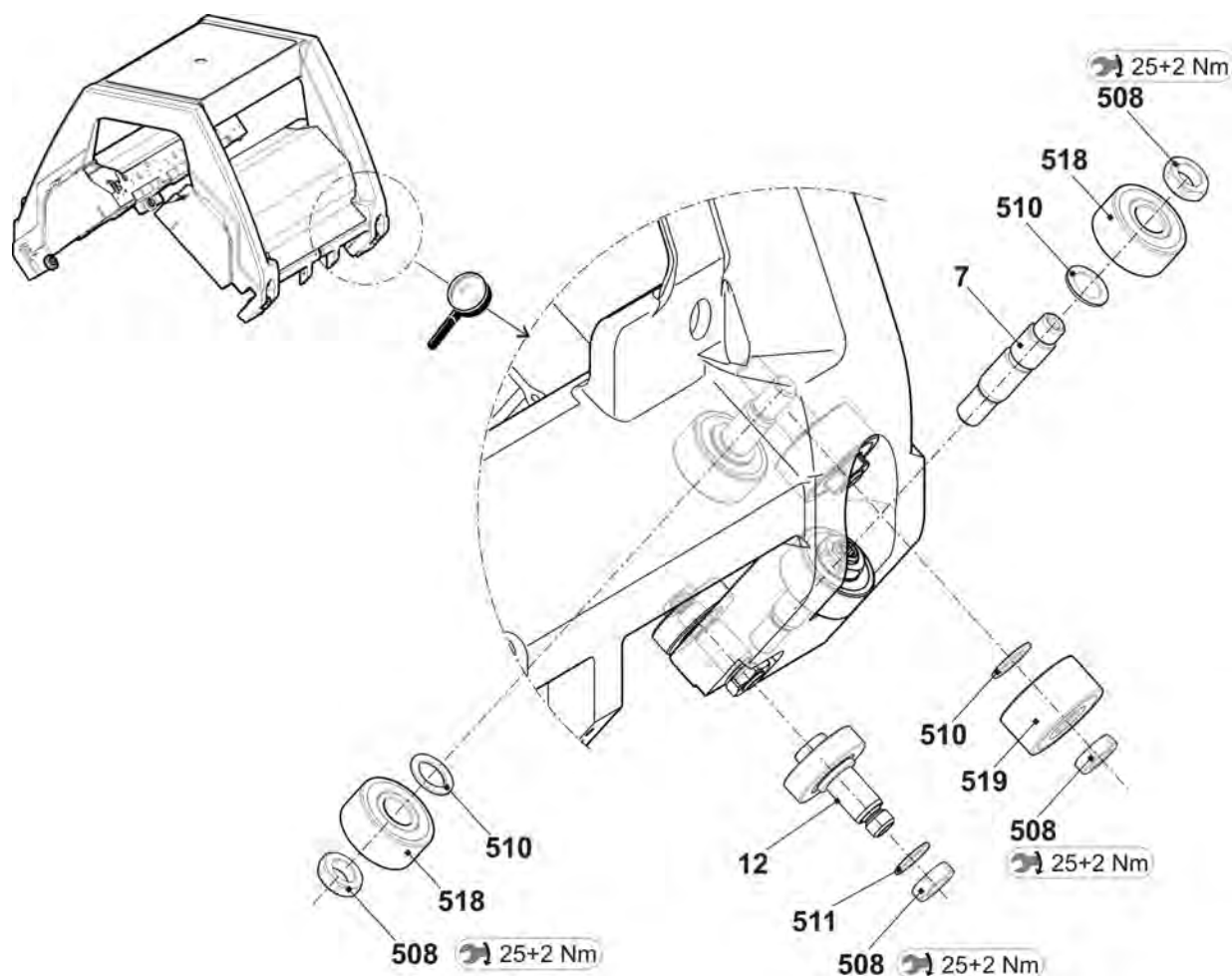
5.3 Carriage cover

Pos	Designation	Id	Pos	Designation	Id
1	Carriage cover at the top 3 cam boxes complete	257 100	10	Locating bolt	242 382
	1a Carriage cover at the top 3 cam boxes 6Z	256 510	500	Hexagon nut M6	257 088
2	Carriage cover at the rear complete 3 cam boxes	257 161	501	Washer 6.1x9x0,5	023 554
	2a Carriage cover at the rear 3 cam boxes	256 736	502	Serrated lock washer 6,4	022 385
3	Carriage cover at the front 3 cam boxes complete	257 160	503	O-ring 3x2	242 420
	3a Carriage cover front 3 cam boxes	256 735	504	Compression spring 0,48x7,02x17,29	023 654



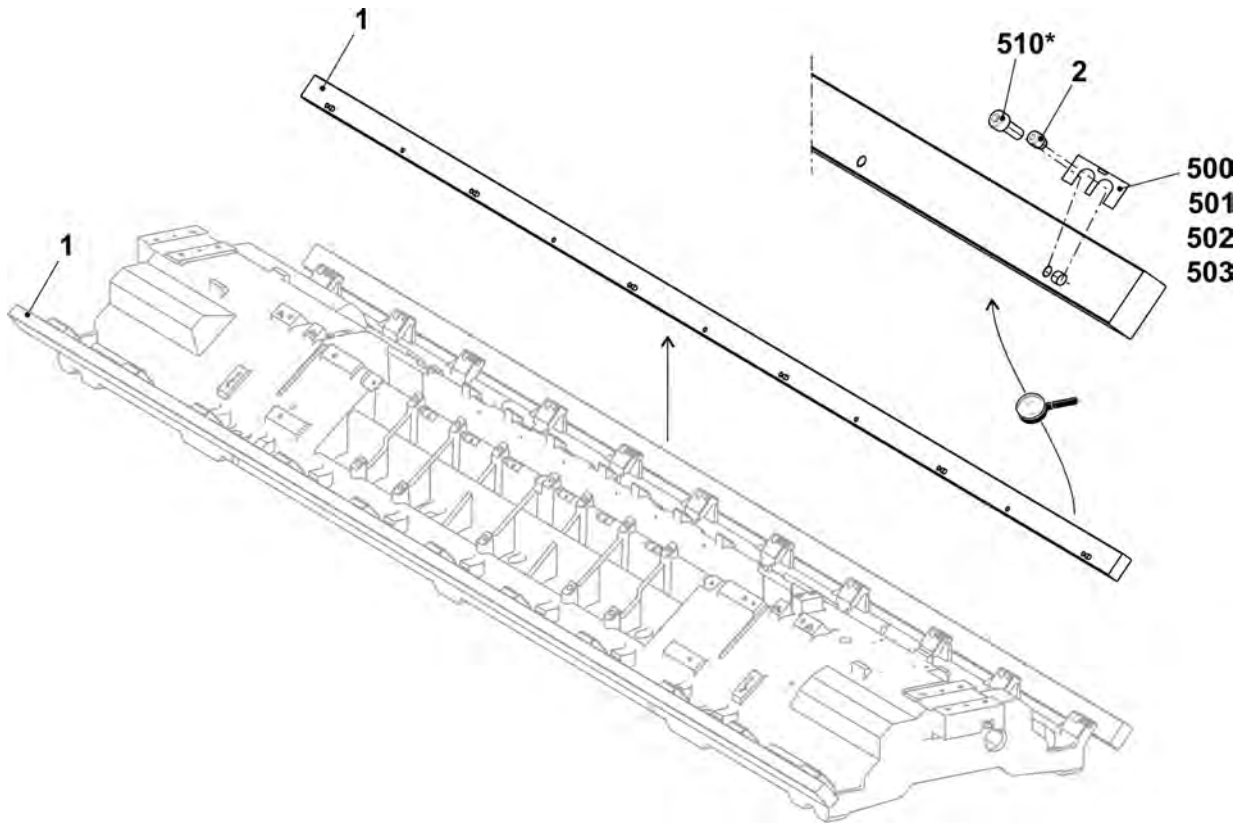
5.4 Carriage guide

Pos	Designation	Id	Pos	Designation	Id
7	Bearing bolt eccentric 0,5	240 624	511	Shim ring 10x16x1	023 260
12	Bolt pre-assembled	244 283	518	Grooved ball bearing 62201-2RS	241 408
508	NutM10	023 316	519	Grooved ball bearing 62300-2RS1	242 070
510	Shim ring 12x18x1	023 315			



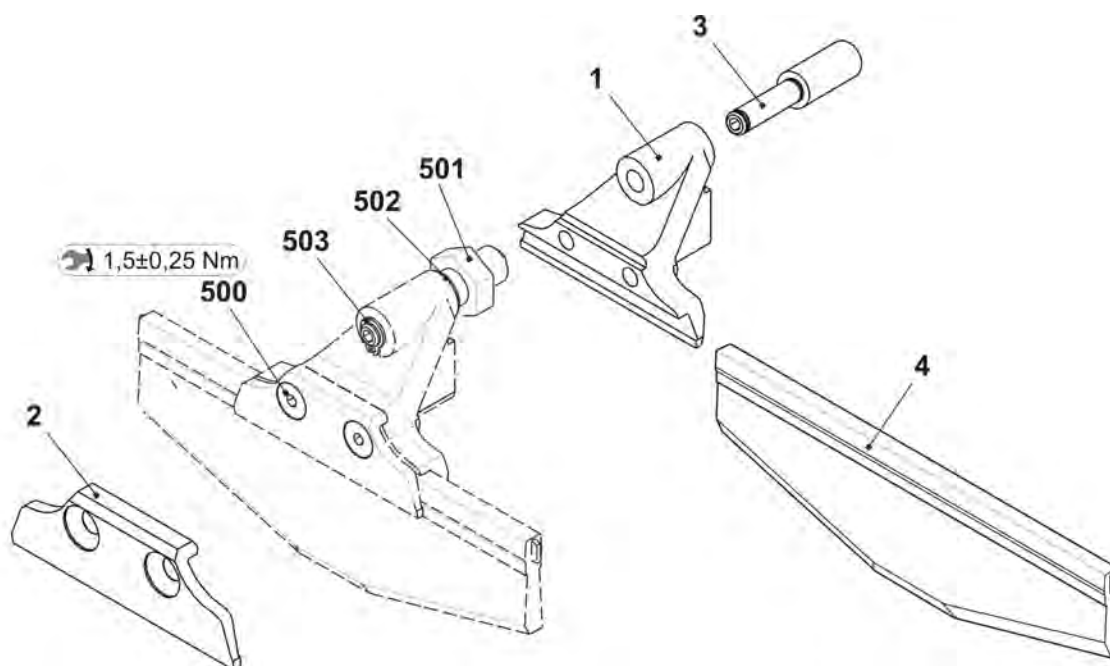
5.5 Spare parts package carriage guide bar

Pos	Designation	ID	Pos	Designation	ID
Σ	Spare parts package carriage guide bar 5XX	243 423	501	Shim0,05x22x42	243 291
1	Carriage guide rail	239 926	502	Shim0,10x22x42	243 292
2	Adjusting eccentric	241 219	503	Shim0,20x22x42	243 293
500	Shim0,03x22x42	243 289	510*	Cap screw M8x20	020 141



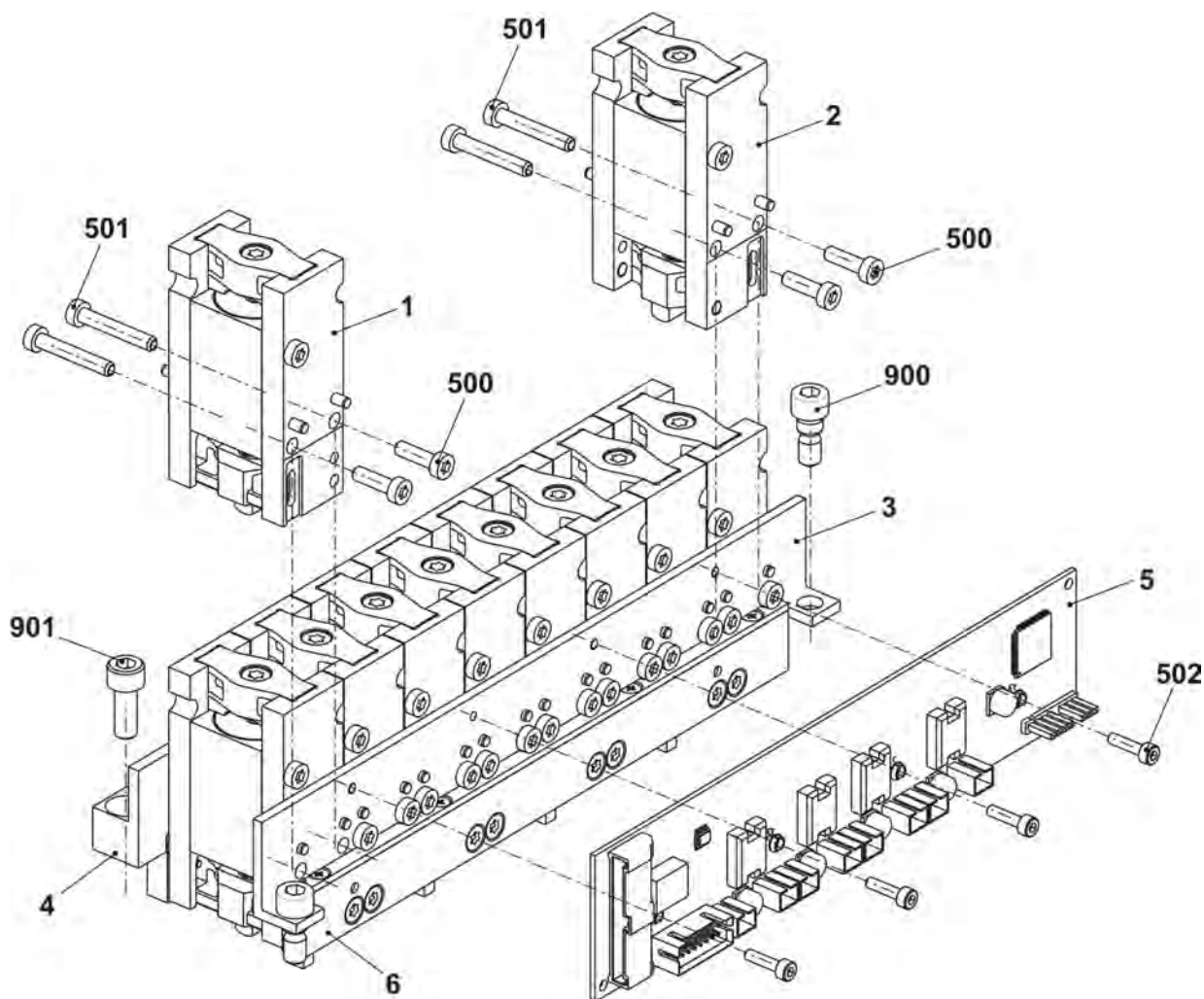
5.6 Brush holder

Pos	Designation	Id	Pos	Designation	Id
Σ	Brush holder completeE5-8	213 710			
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	Shim ring 5x10x0,5	023 348
4	Brush	203 254	503	Retaining ring5x0,6	023 347



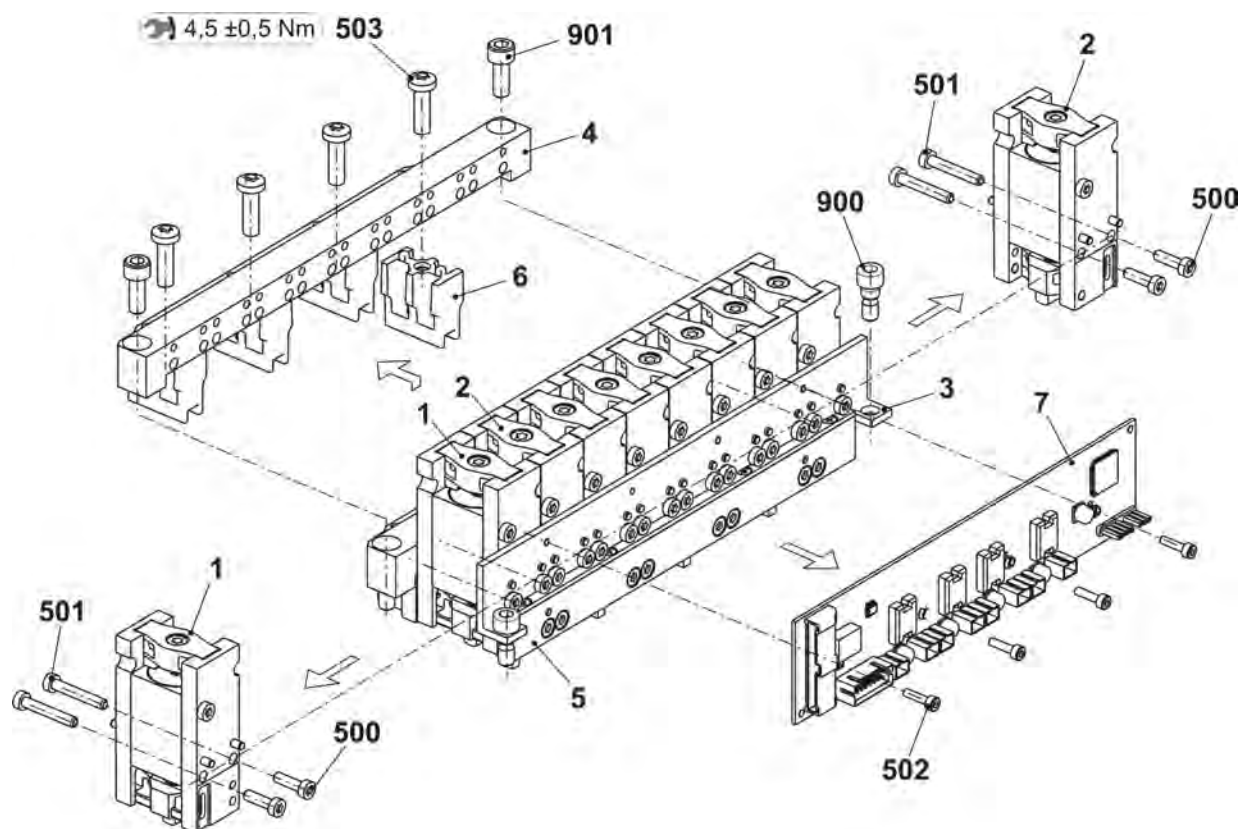
5.7 Yarn carrier driving without guide part

Pos	Designation	Id. no.	Pos	Designation	Id. no.
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 M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Holding angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Holding block outside	245 294	900	Shoulder screw	231 899
5	Card yarn carrier final stagesOKC	300 960	901	Cap screw M6x16	020 135



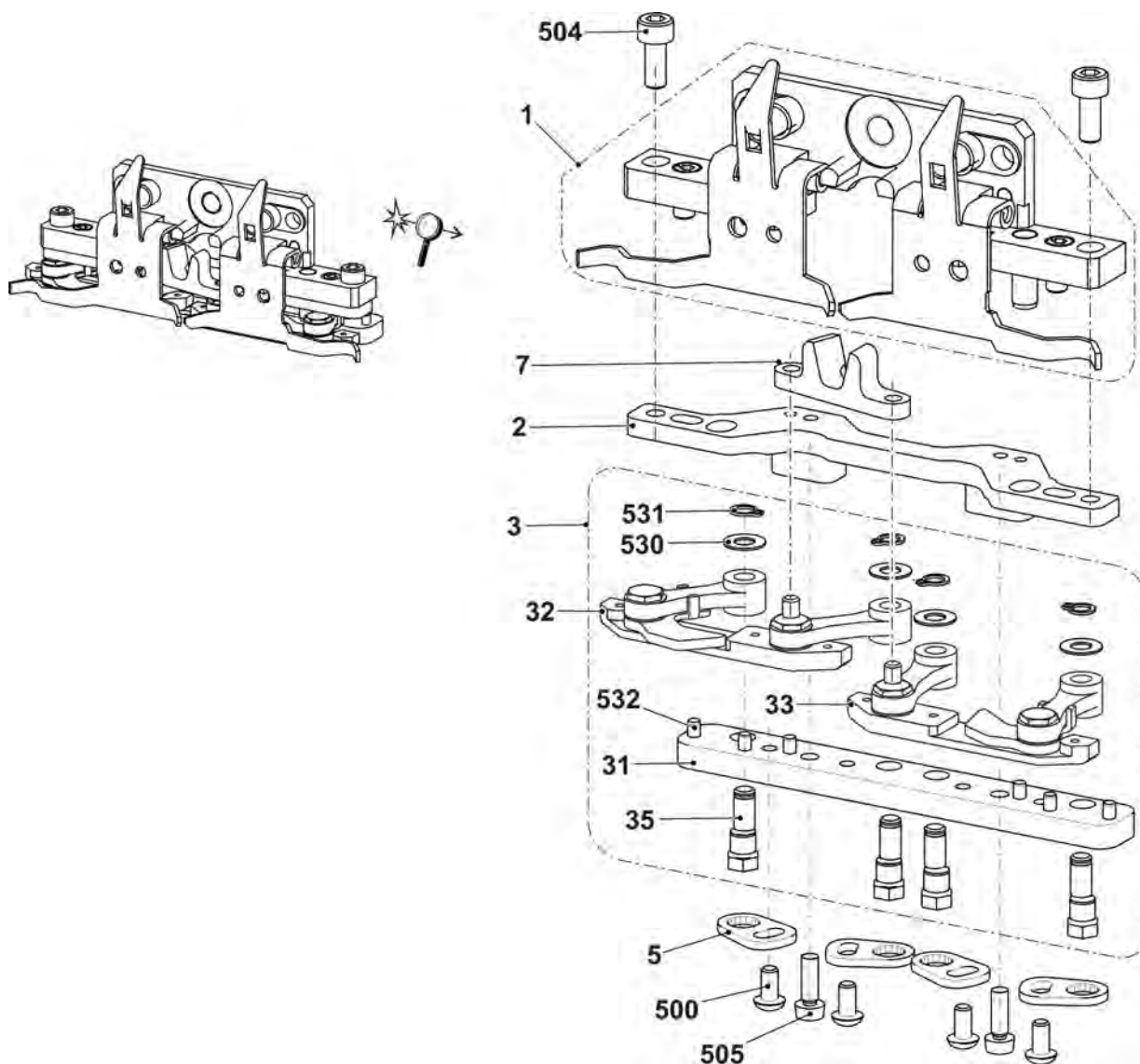
5.8 Yarn carrier driving with guide part

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	YC driving in the middle complete	245 298	7	Card yarn carrier final stagesOKC	300 960
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Holding angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Holding block in the middle	245 308	503	Screw KB60x20	243 625
5	Switch mechanism	251 137	900	Shoulder screw	231 899
6	Guide part	239 972	901	Cap screw M6x16	020 135



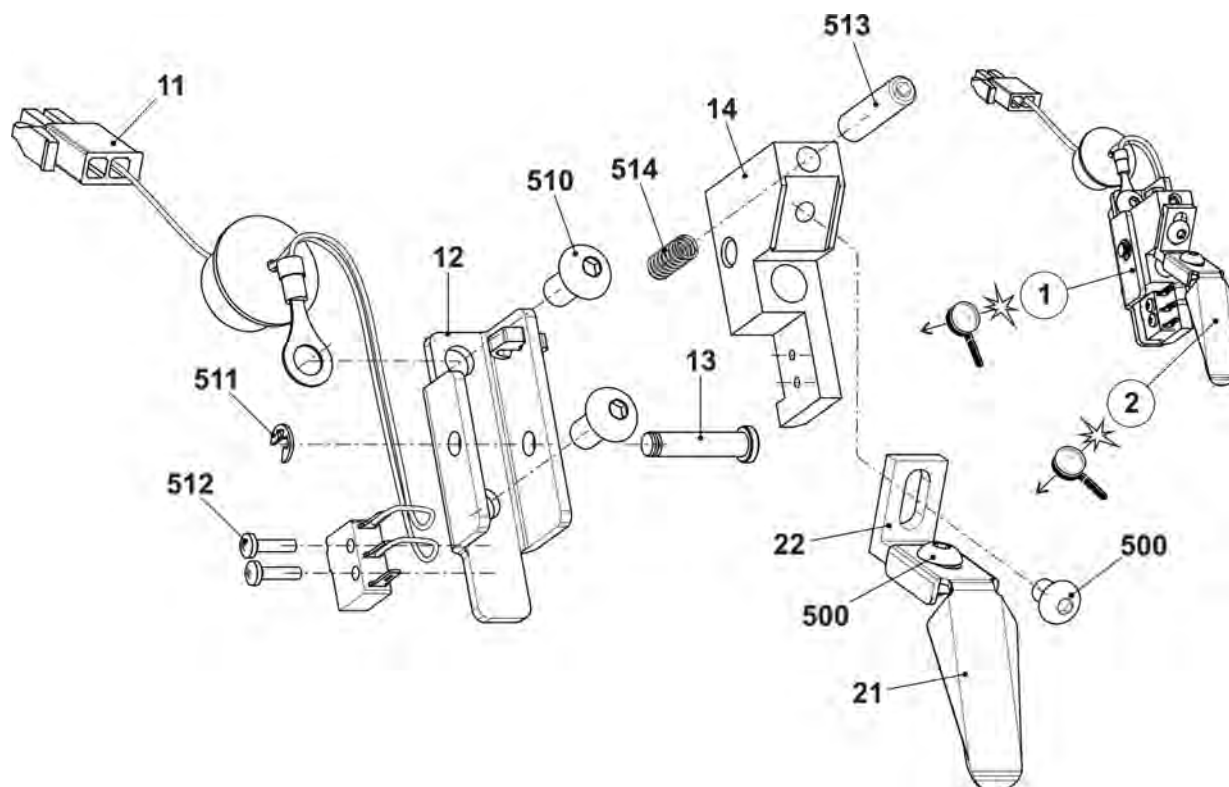
5.9 Holding-down jack control

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack control complete E5-8	241 515			
1	Assembly plate complete	244 234	7	Plunger	210 559
2	Connection plate	241 326	500	Pan-head screw M4x8	023 579
3	Jack cam plate complete E5-8	241 521	504	Cap screw M5x12	020 132
5	Adjusting plate	211 507	505	Cap screw M4x12	241 859



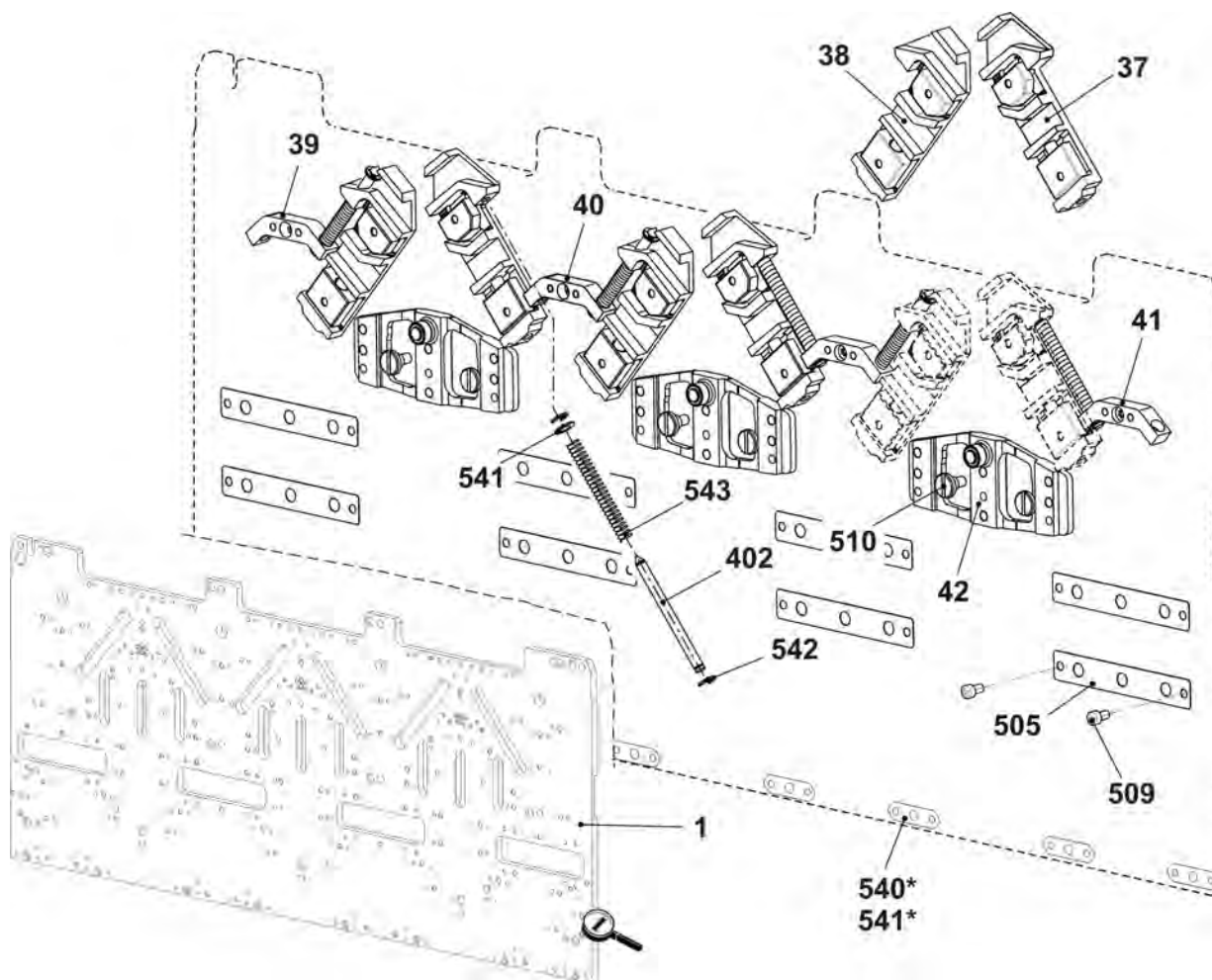
5.10 Needle detector

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle detector	221 238		512 Pan-head screw M2x8	258 310
1	Needle detector pre-assembled	221 773		513 Setscrew M5x20	023 526
	11 Cable of needle detector complete	221 207		514 Compression spring 4,3x0,45x10	021 398
	12 Retainer	220 464	2	Sensor pre-assembled	221 758
	13 Bolts	258 390		21 Sensor	220 839
	14 Switch rocker	220 637		22 Angle	221 175
	510 Pan-head screw M5x10	023 247		500 Pan-head screw M4x6	023 427
	511 Circlip	021 018	500	Pan-head screw M4x8	023 579



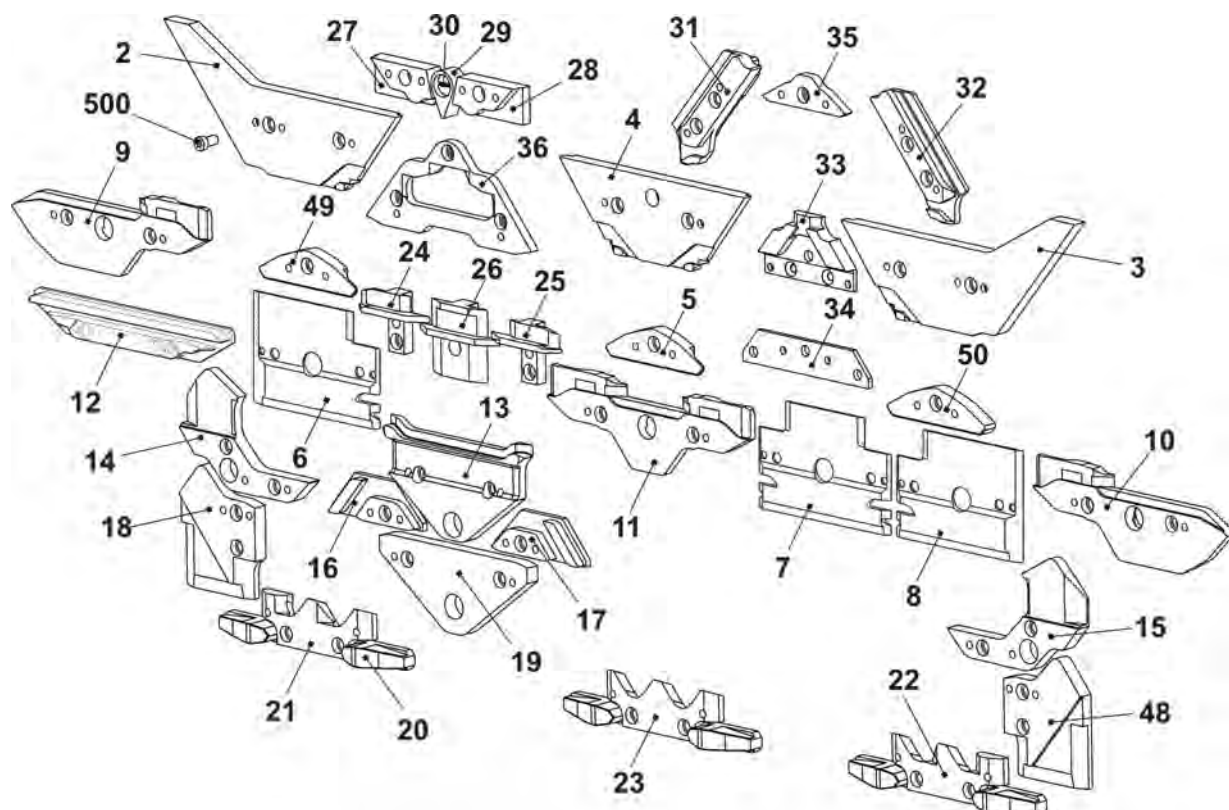
5.11 Cam box E5 | E2,5.2 | E3,5.2 | E5.2 | E5m.4 | E7m.5

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E5	241 566			
1	Cam plate	240 371	41	542 Circlip 3,2	021 019
37	Loop sinking cam on the right completeE5 – E10	211 163		543 Compression spring	250 515
38	Loop sinking cam on the left completeE5 - E10	211 164	42	Switching piece	240 281
39	Rod guide element on the left	211 165	505	Shim0,5x12x75	236 654
40	Rod guide element in the middle	211 166	540*	Shim0,3x8x28	023 452
41	Rod guide element on the right	211 168	541*	Shim0,5x8x28	023 020
	402 Spring rod	209 791	509	Pan-head screw M3x4	023 142
	541 Disk4,1x6x0,5	022 893	510	Shoulder screw	239 626



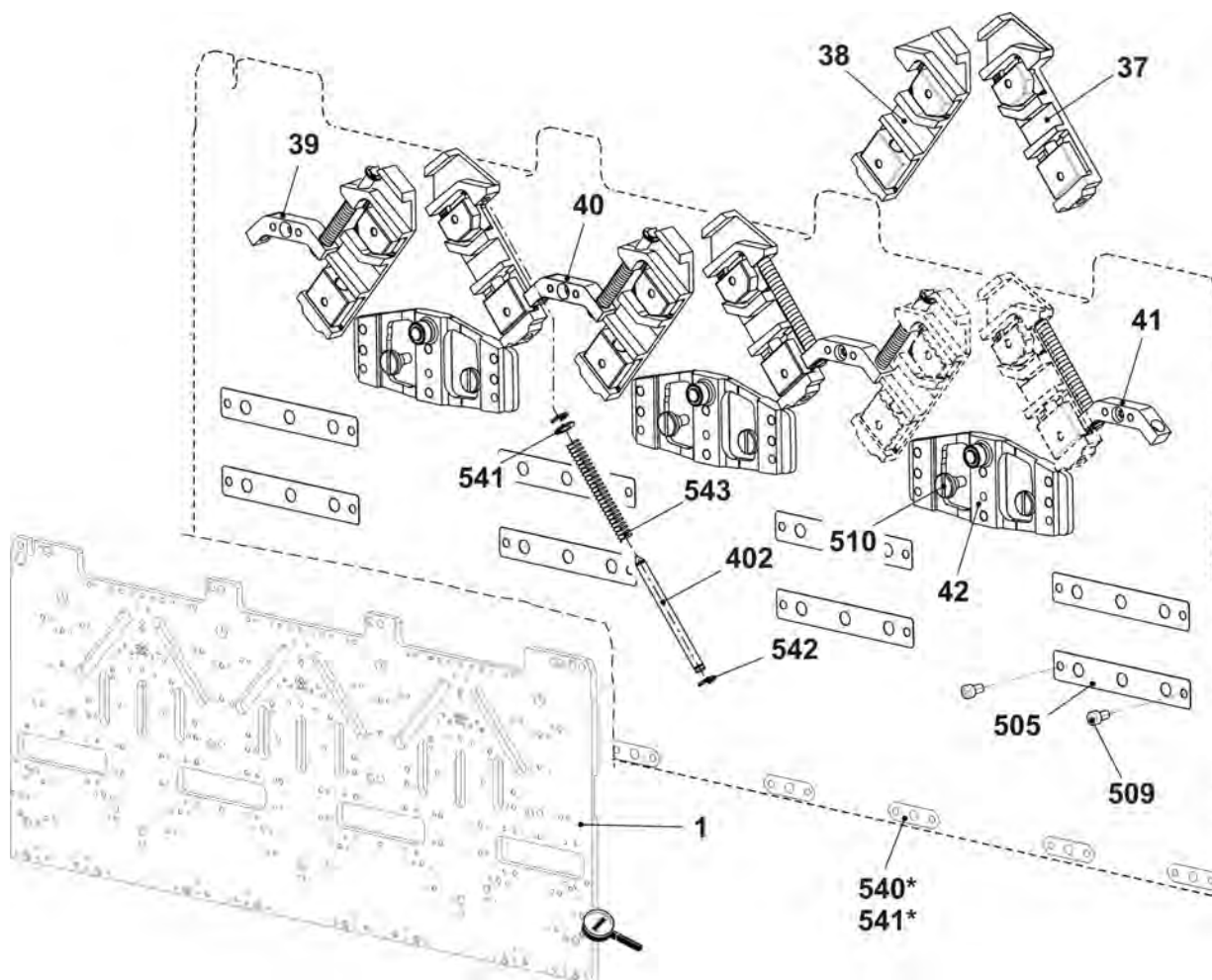
5.11.1 Cams E5 | E2,5.2 | E3,5.2 | E5.2 | E5m.4 | E7m.5

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left	213 304	22	Selection cam on the right	212 947
3	Entry cam on the right	213 303	23	Selection cam	212 946
4	Entry cam at the top	210 285	24	Pressure part receiving on the left	239 848
5	Entry cam in the middle bottom E2,5.2 E3,5.2	235 719	25	Pressure part receiving on the right	239 849
6	Plate on the left	260 605	26	Tuck pressure part	239 621
7	Plate in the middle	260 604	27	Limiting cam on the left E5	210 289
8	Plate on the right	260 606	28	Limiting 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 part at the right	231 041	30	Screw	210 335
11	Cam part at the center	231 040	31	Stitch cam on the left E2,5.2 E3,5.2	235 712
12	Cam part	260 592	32	Stitch cam on the right E2,5.2 E3,5.2	235 713
13	Cam part	210 254	33	Tuck limiting cam E5	214 051
14	Cam on the left E5-14	212 265	34	Raising cam plate E4-12	204 372
15	Cam at the right E5-14	212 266	35	Receiving cam E5	210 386
16	Cam on the left	236 192	36	Raising cam without split-stitch E5	213 302
17	Cam part at the right	236 193		Raising cam with split-stitch E5 Accessories	213 294
18	Cam on the left E5-14	259 766	48	Cam at the right E5-14	259 767
19	Cam part	210 252	49	Entry cam at the bottom on the left E5-8	235 718
20	Offering cam	210 185	50	Entry cam at the bottom on the right E5-8	235 720
21	Selection cam on the left	212 944	500	Cap screw M4x8	020 091



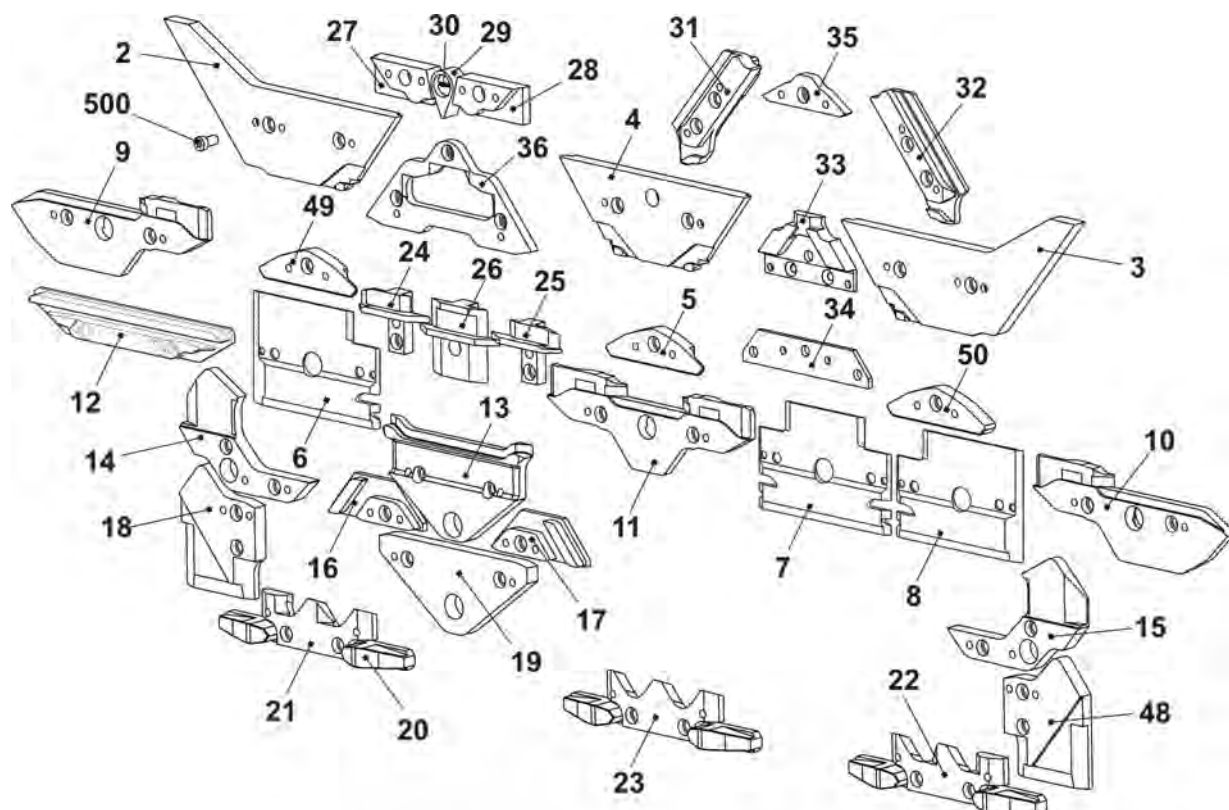
5.12 Cam box E7 | E8 | E7m.8 | E8m.7

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E7-8	241 567			
1	Cam plate	240 371	41	542 Circlip 3,2	021 019
37	Loop sinking cam on the right completeE5 – E10	211 163		543 Compression spring	250 515
38	Loop sinking cam on the left completeE5 - E10	211 164	42	Switching piece	240 281
39	Rod guide element on the left	211 165	505	Shim0,5x12x75	236 654
40	Rod guide element in the middle	211 166	540*	Shim0,3x8x28	023 452
41	Rod guide element on the right	211 168	541*	Shim0,5x8x28	023 020
	402 Spring rod	209 791	509	Pan-head screw M3x4	023 142
	541 Disk4,1x6x0,5	022 893	510	Shoulder screw	239 626



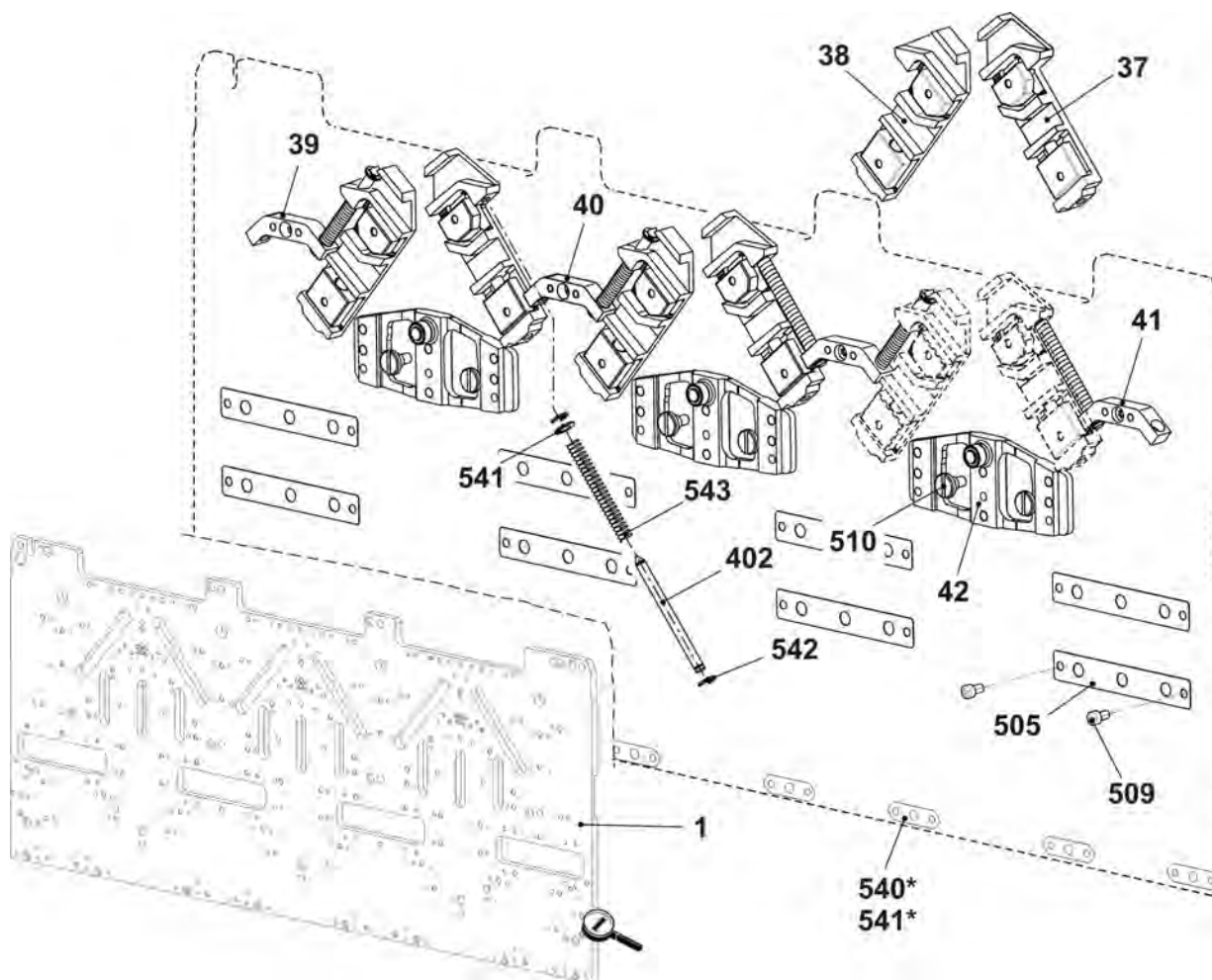
5.12.1 Cams E7 | E8 | E7m.8 | E8m.7

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left	213 304	22	Selection cam on the right	212 947
3	Entry cam on the right	213 303	23	Selection cam	212 946
4	Entry cam at the top	210 285	24	Pressure part receiving on the left	239 848
5	Entry cam at the bottom E5-8	212 395	25	Pressure part receiving on the right	239 849
6	Plate on the left	260 605	26	Tuck pressure part	239 621
7	Plate in the middle	260 604	27	Limiting cam on the left E7-8	210 291
8	Plate on the right	260 606	28	Limiting cam on the right E7-8	210 292
9	Cam on the left	231 039	29	Pointer E5-8	210 336
10	Cam part at the right	231 041	30	Screw	210 335
11	Cam part at the center	231 040	31	Stitch cam on the left E7-8	210 324
12	Cam part	260 592	32	Stitch cam on the right E7-8	210 323
13	Cam part	210 254	33	Tuck limiting cam E7-8	255 056
14	Cam on the left E5-14	212 265	34	Raising cam plate E4-12	204 372
15	Cam at the right E5-14	212 266	35	Receiving cam E7-8	210 339
16	Cam on the left	236 192	36	Raising cam without split-stitch E7-8	255 055
17	Cam part at the right	236 193		Raising cam with split-stitch E7-8 Accessories	255 192
18	Cam on the left	259 766	48	Cam part at the right	259 767
19	Cam part	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	Selection cam on the left	212 944	500	Cap screw M4x8	020 091



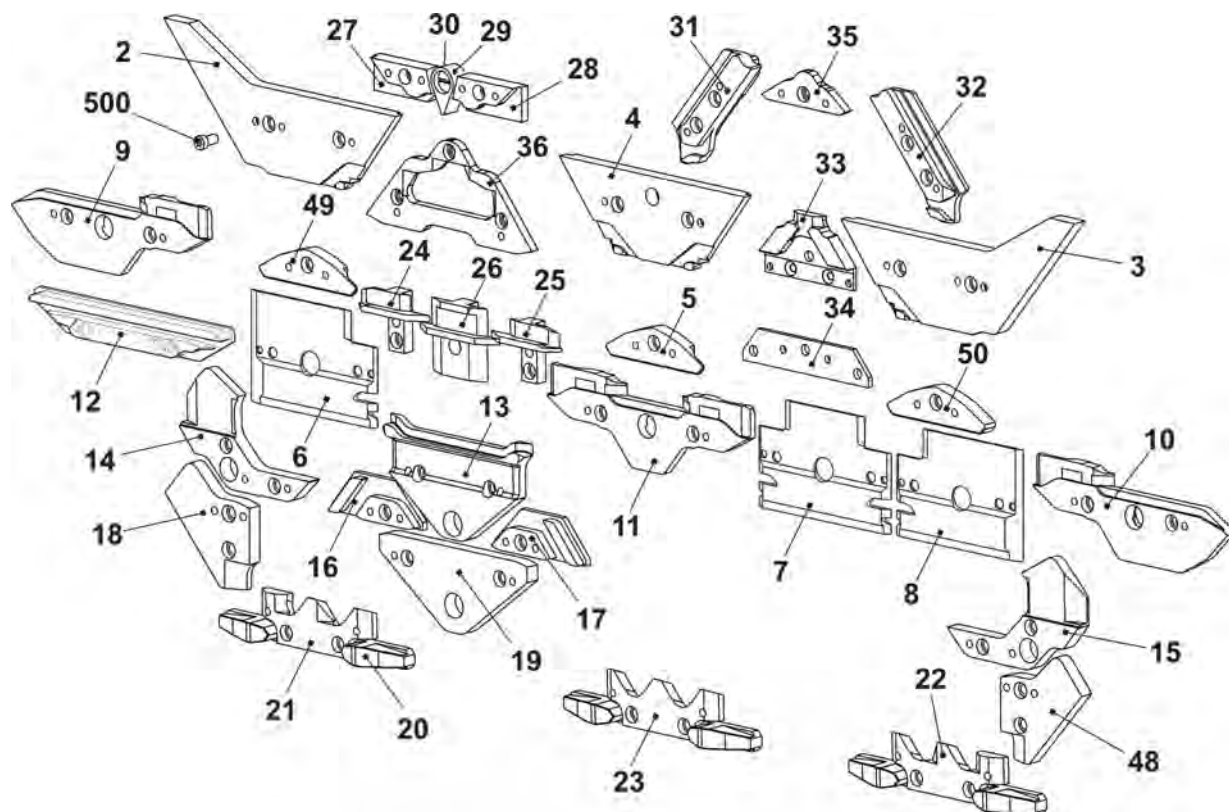
5.13 Cam box E2,5.2m.4L | E3,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E2,5.2+3,5.2m.4L	260 071			
1	Cam plate	240 371	41	542 Circlip 3,2	021 019
37	Loop sinking cam on the right completeE5 – E10	211 163		543 Compression spring	250 515
38	Loop sinking cam on the left completeE5 – E10	211 164	42	Switching piece	240 281
39	Rod guide element on the left	211 165	505	Shim0,5x12x75	236 654
40	Rod guide element in the middle	211 166	540*	Shim0,3x8x28	023 452
41	Rod guide element on the right	211 168	541*	Shim0,5x8x28	023 020
	402 Spring rod	209 791	509	Pan-head screw M3x4	023 142
	541 Disk4,1x6x0,5	022 893	510	Shoulder screw	239 626

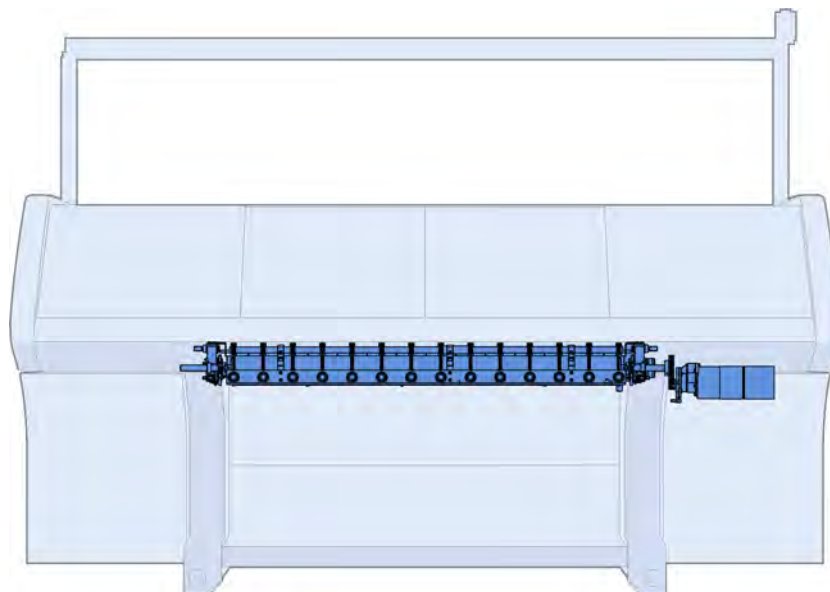


5.13.1 Cams E2,5.2m.4L | E3,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left	213 304	22	Selection cam on the right	212 947
3	Entry cam on the right	213 303	23	Selection cam	212 946
4	Entry cam at the top	210 285	24	Pressure part receiving on the left	239 848
5	Entry cam in the middle bottom E2,5.2 E3,5.2	235 719	25	Pressure part receiving on the right	239 849
6	Plate on the left	260 605	26	Tuck pressure part	239 621
7	Plate in the middle	260 604	27	Limiting cam on the left E2,5.2m.4L +E3,5.2m.4L	259 006
8	Plate on the right	260 606	28	Limiting cam on the right E2,5.2m.4L +E3,5.2m.4L	259 007
9	Cam on the left	231 039	29	Pointer E2,5.2 E3,5.2	229 505
10	Cam part at the right	231 041	30	Screw	210 335
11	Cam part at the center	231 040	31	Stitch cam on the left E2,5.2 E3,5.2	235 712
12	Cam part	260 592	32	Stitch cam on the right E2,5.2 E3,5.2	235 713
13	Cam part	210 254	33	Tuck limiting cam E2,5.2m.4L+E3,5.2m.4L	259 010
14	Cam on the left E5-14	212 265	34	Raising cam plate E4-12	204 372
15	Cam at the right E5-14	212 266	35	Receiving cam E5	259 008
16	Cam on the left	236 192	36	Raising cam without split-stitch E2,5.2m.4L+E3,5.2m.4L	259 009
17	Cam part at the right	236 193		Raising cam with split-stitch E2,5.2m.4L +E3,5.2m.4L Accessories	259 011
18	Cam on the left	259 766	48	Cam part at the right	259 767
19	Cam part	210 252	49	Entry cam at the bottom on the left E5-8	235 718
20	Offering cam	210 185	50	Entry cam at the bottom on the right E5-8	235 720
21	Selection cam on the left	212 944	500	Cap screw M4x8	020 091

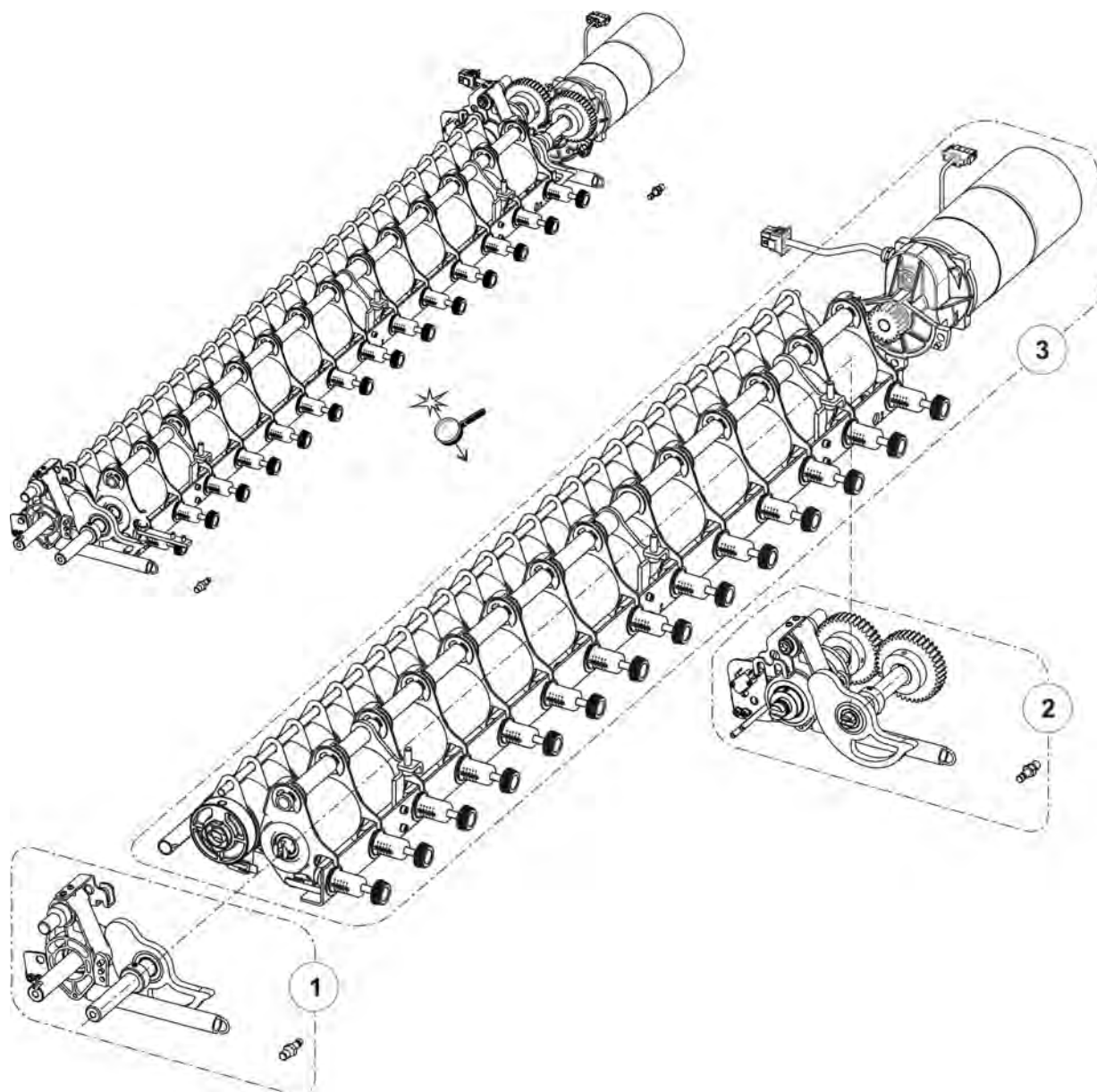


6 Main take-down



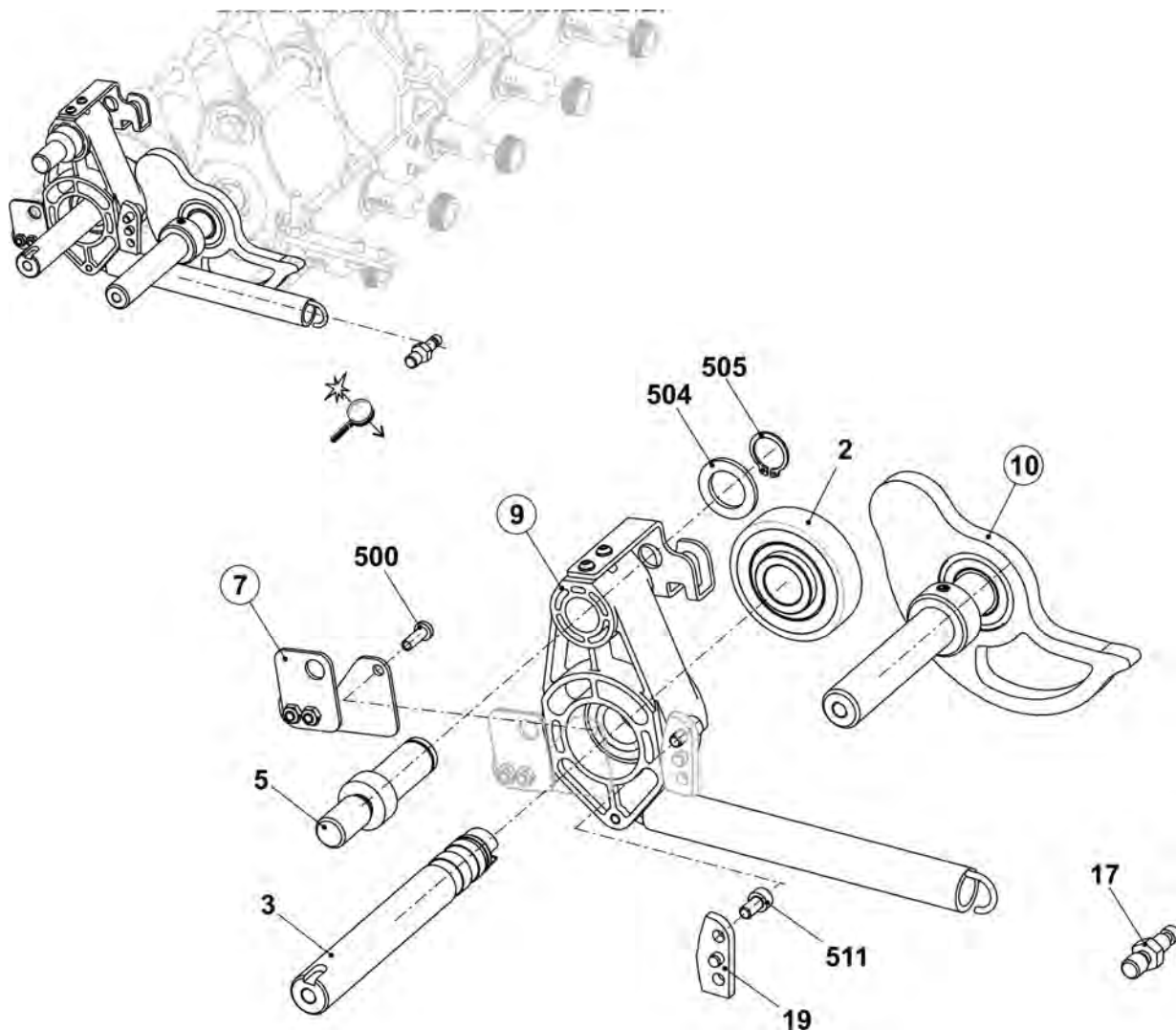
6.1 Main take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down		2	Main take-down on the right	253 852
1	Main take-down on the left	253 851	3	Main take-down in the middle E5-14	253 525



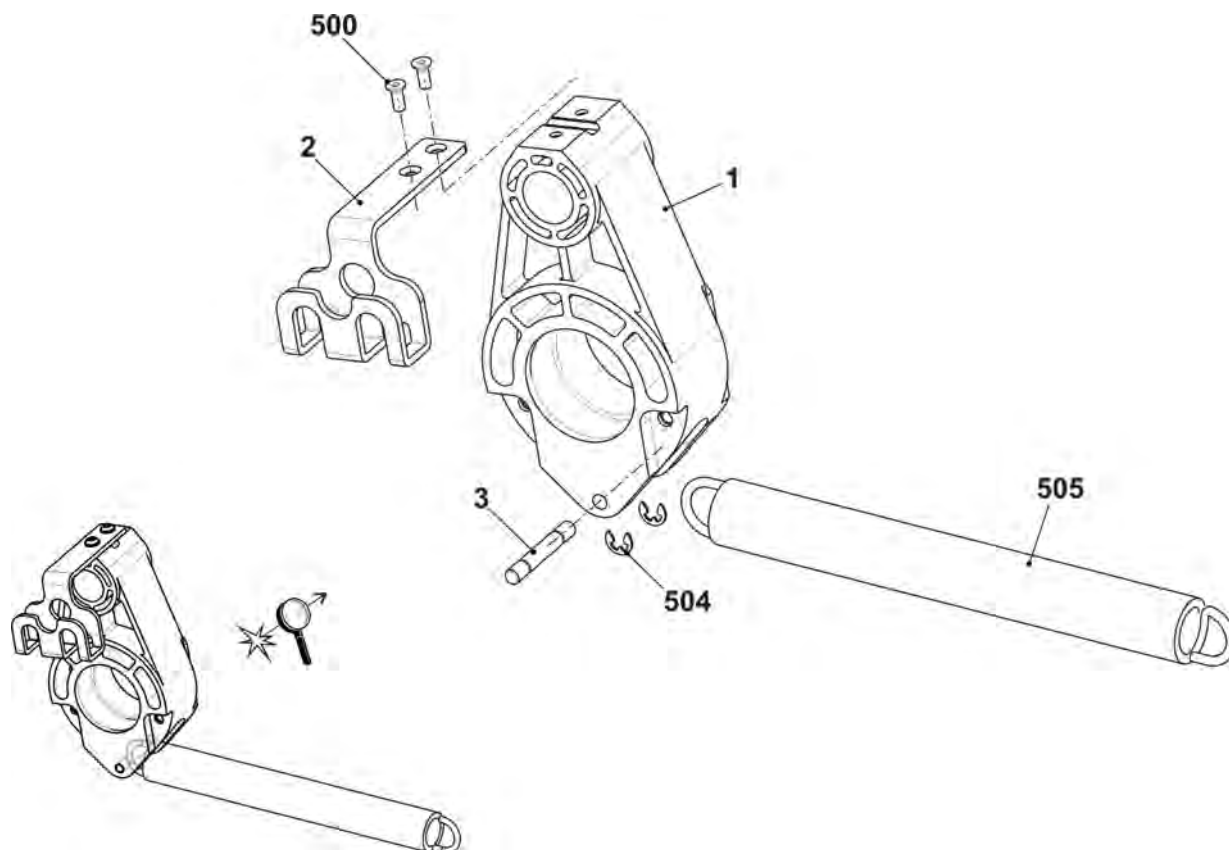
6.1.1 Main take-down on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down on the 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	Bolts	208 538	500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725	504	Washer 18	023 295
9	Swivel-mounted bearing	251 761	505	Retaining ring 18x1,2	020 955
10	Full floating axle on the left	251 984	511	Cap screw M6x12	020 134



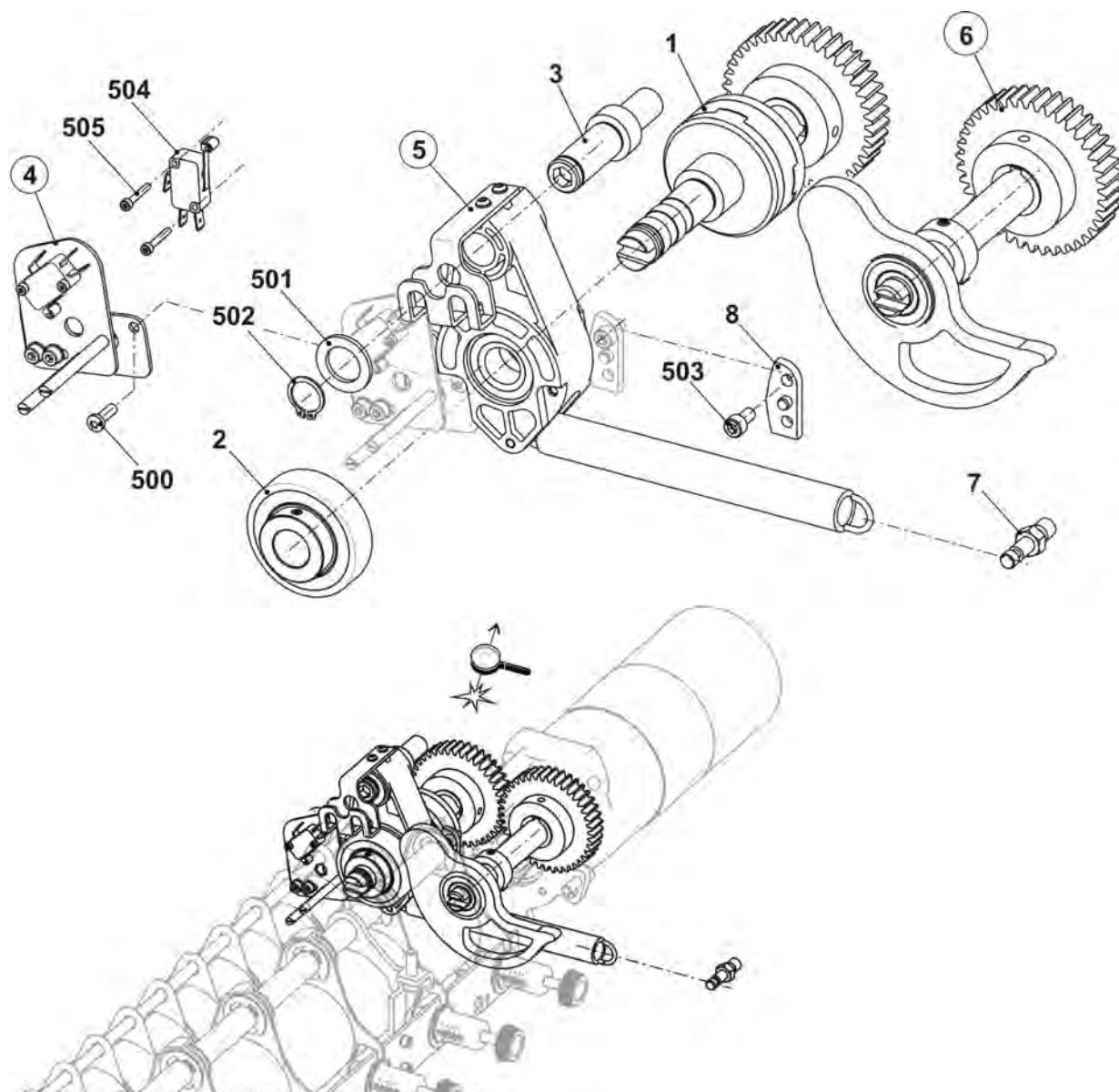
6.1.1.1 Swivel-mounted bearing

Pos	Designation	Id	Pos	Designation	Id
Σ	Swivel-mounted bearing	251 761			
1	Swivel-mounted bearing	241 996	500	Screw M35x10	259 102
2	Sheet metal support	251 749	504	Circlip4	021 020
3	Axle	251 758	505	Tension spring 21x3,0x192	240 217



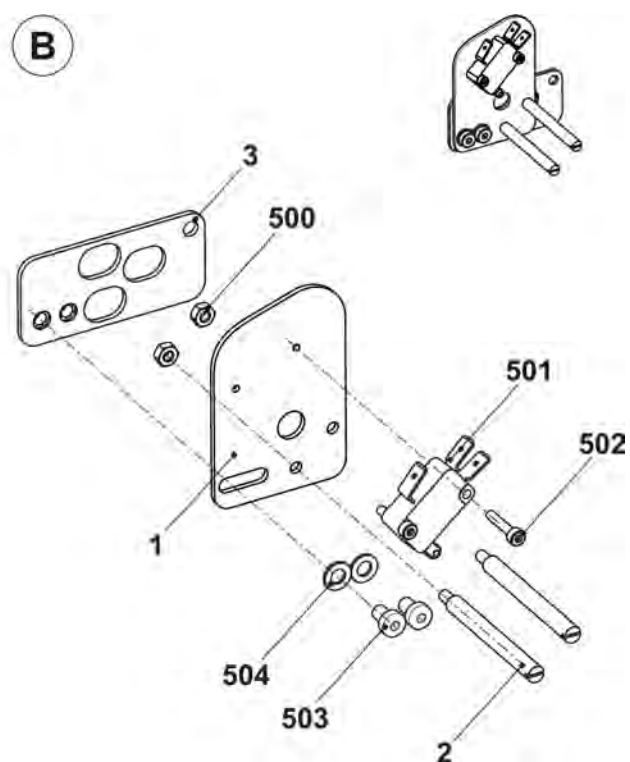
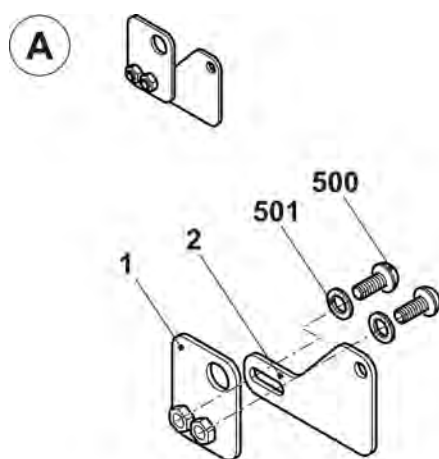
6.1.2 Main take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down on the right	264 885			
1	Clutch set	251 677	8	Stop point	252 503
2	Bearing race complete	244 459	500	Screw 50x15	251 728
3	Bolts	208 538	501	Washer 18	023 295
4	Mounting plate on the right complete	260 090	502	Retaining ring 18x1,2	020 955
5	Swivel-mounted bearing	251 761	503	Cap screw M6x12	020 134
6	Full floating axle on the right	251 985	504	Microswitch Xgk2-s21 250	210 510
7	Spring bolt	221 143	505	Cap screw M3x20	023 221



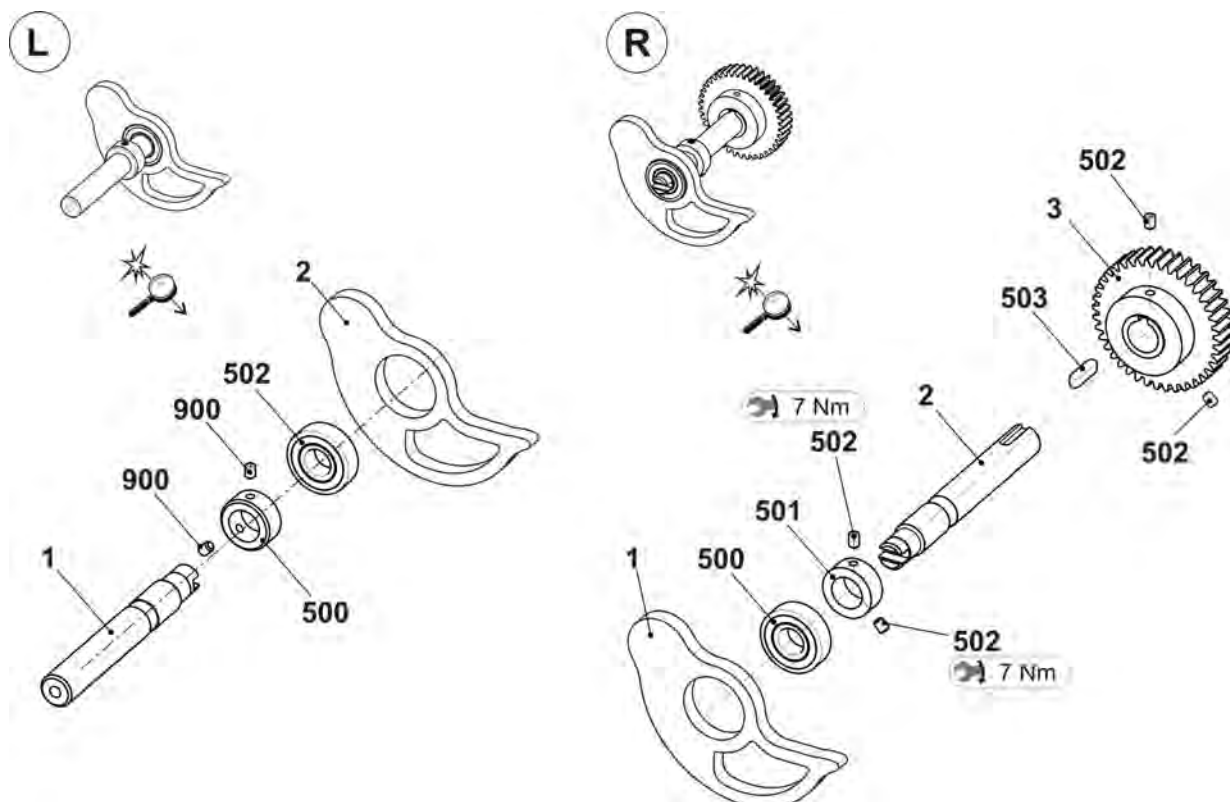
6.1.2.1 Mounting plate on the left and right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ A	Mounting plate on the left complete	231 725	2	Shoulder screw	240 067
1	Mounting plate on the left	231 541	3	Retaining plate on the right	240 066
2	Retaining plate on the left	231 539	500	Hexagon nut M4-6	022 536
500	Pan-head screw M5x10	023 247	501	Microswitch	026 259
501	Serrated lock washer J5,3	022 489	502	Cap screw M3x16	022 583
Σ B	Mounting plate on the right complete	260 090	503	Cap screw M5x8	244 278
1	Mounting plate on the right	260 067	504	Washer 5-200	020 871



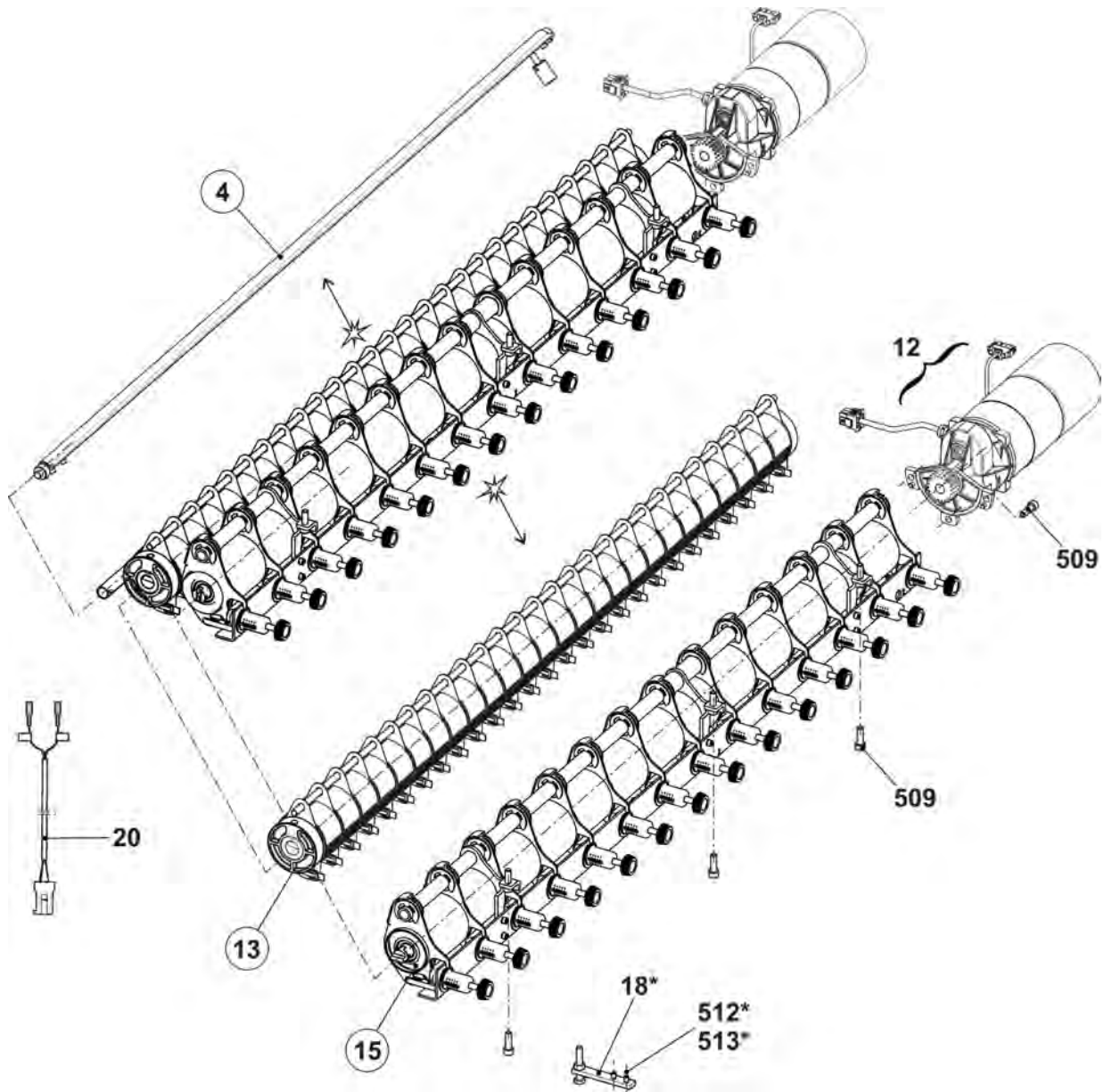
6.1.2.2 Full floating axle on the left and the right

Pos	Designation	Id	Pos	Designation	Id
Σ L	Full floating axle on the left	251 984	Σ R	Full 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	Setscrew M6x8	022 684	501	Set collar	020 938
			502	Setscrew M6x8	022 684
			503	Feather key A 6x6x25	023 017



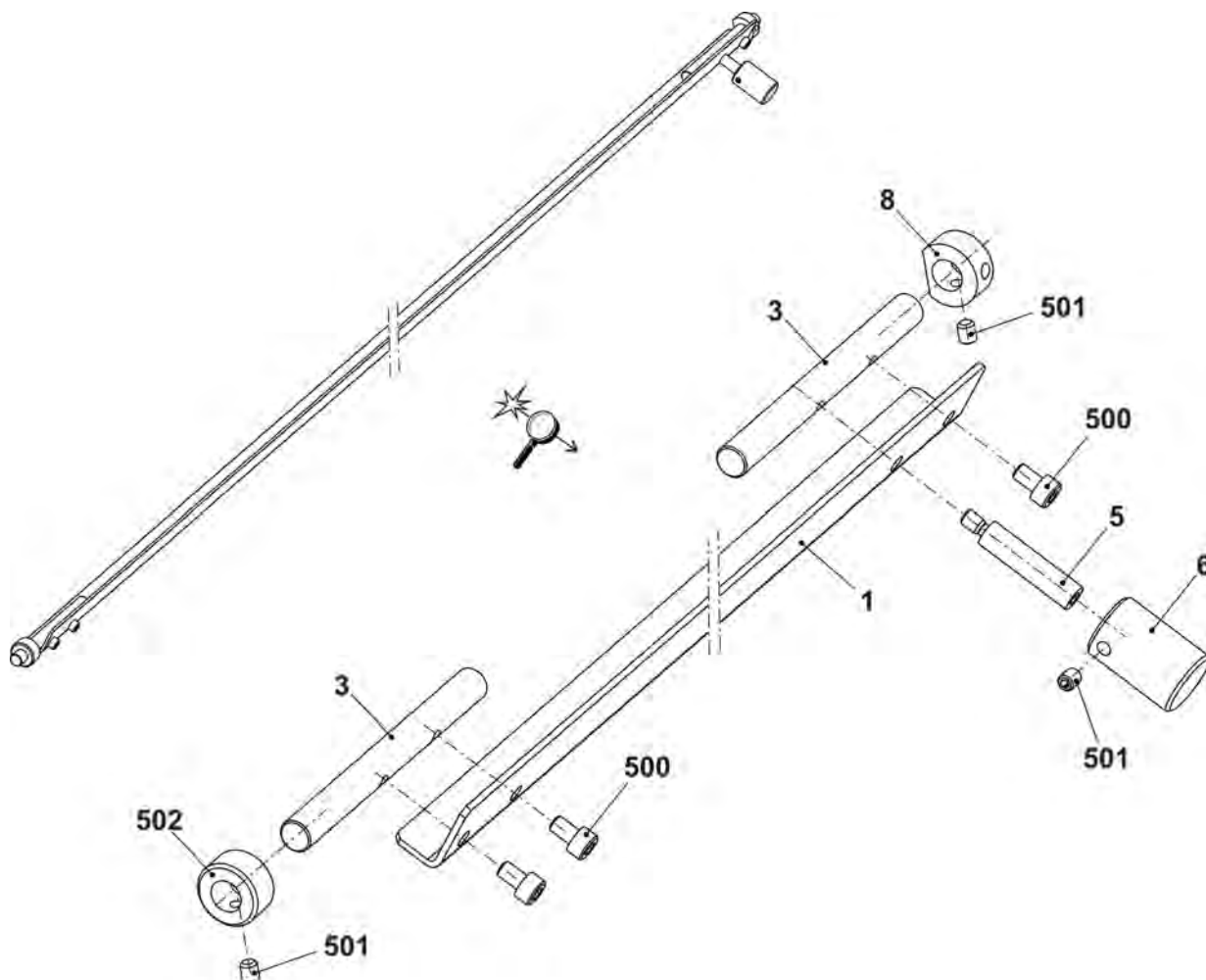
6.1.3 Main take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down in the middle	253 525			
4	Stripper angle at the rear complete	264 119	13	Take-down roller at the rear complete	253 853
12	Motor take-down unit complete	253 803	509	Cap screw M8x25	020 142
15	Take-down roller at the front complete	241 426	18*	Stop point	253 432
20	Connection cable winding plate	241 703	513*	Pan-head screw M6x16	023 124



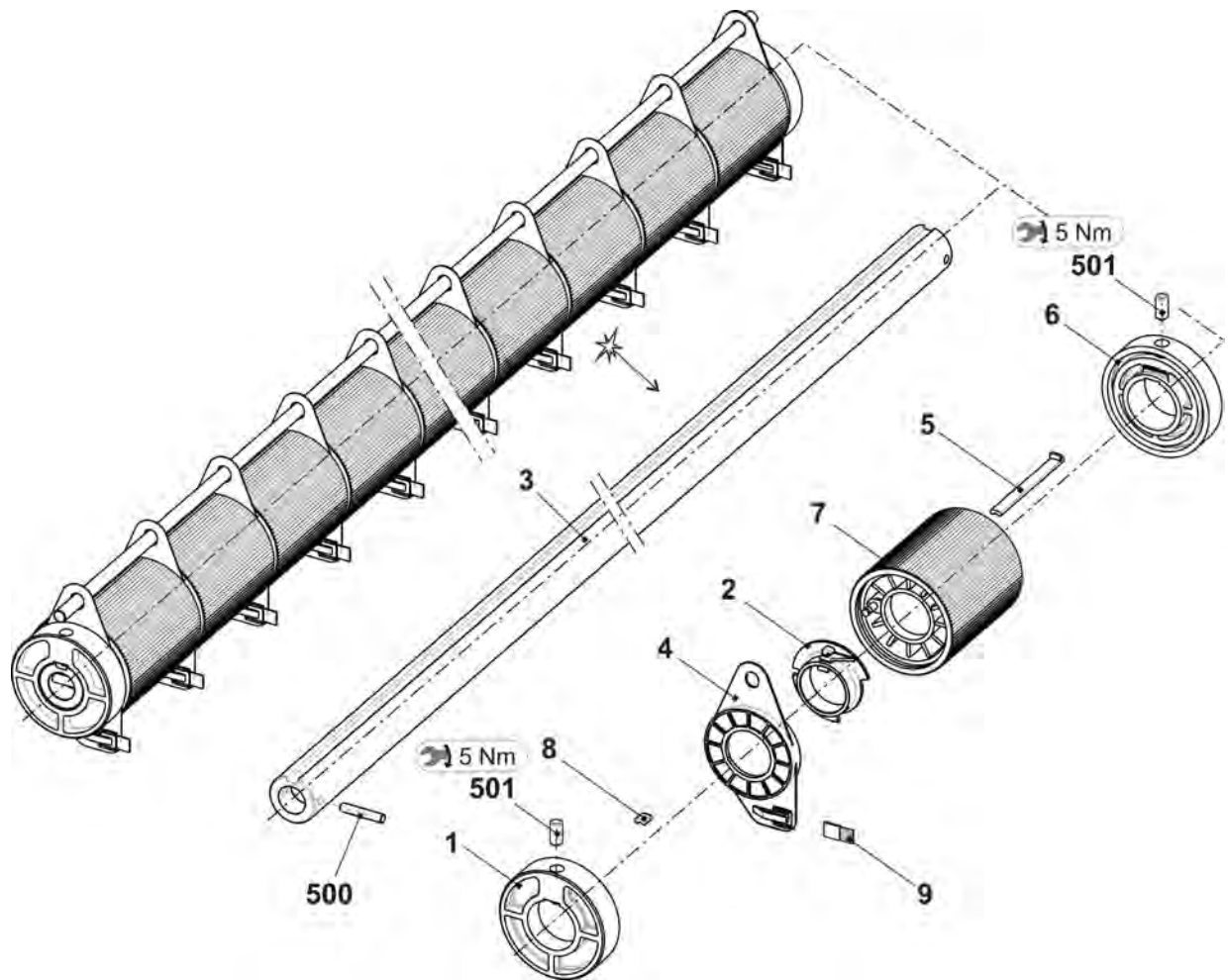
6.1.3.1 Stripper angle

Pos	Designation	Id	Pos	Designation	Id
Σ	Stripper angle at the rear complete	264 119			
1	Stripper angle	263 955	8	Cam	260 109
3	Axle	259 969	500	Cap screw M5x8	023 319
5	Bolts	228 310	501	Setscrew M5x6	022 738
6	Adjustment weight	229 248	502	Set collarA10	020 934



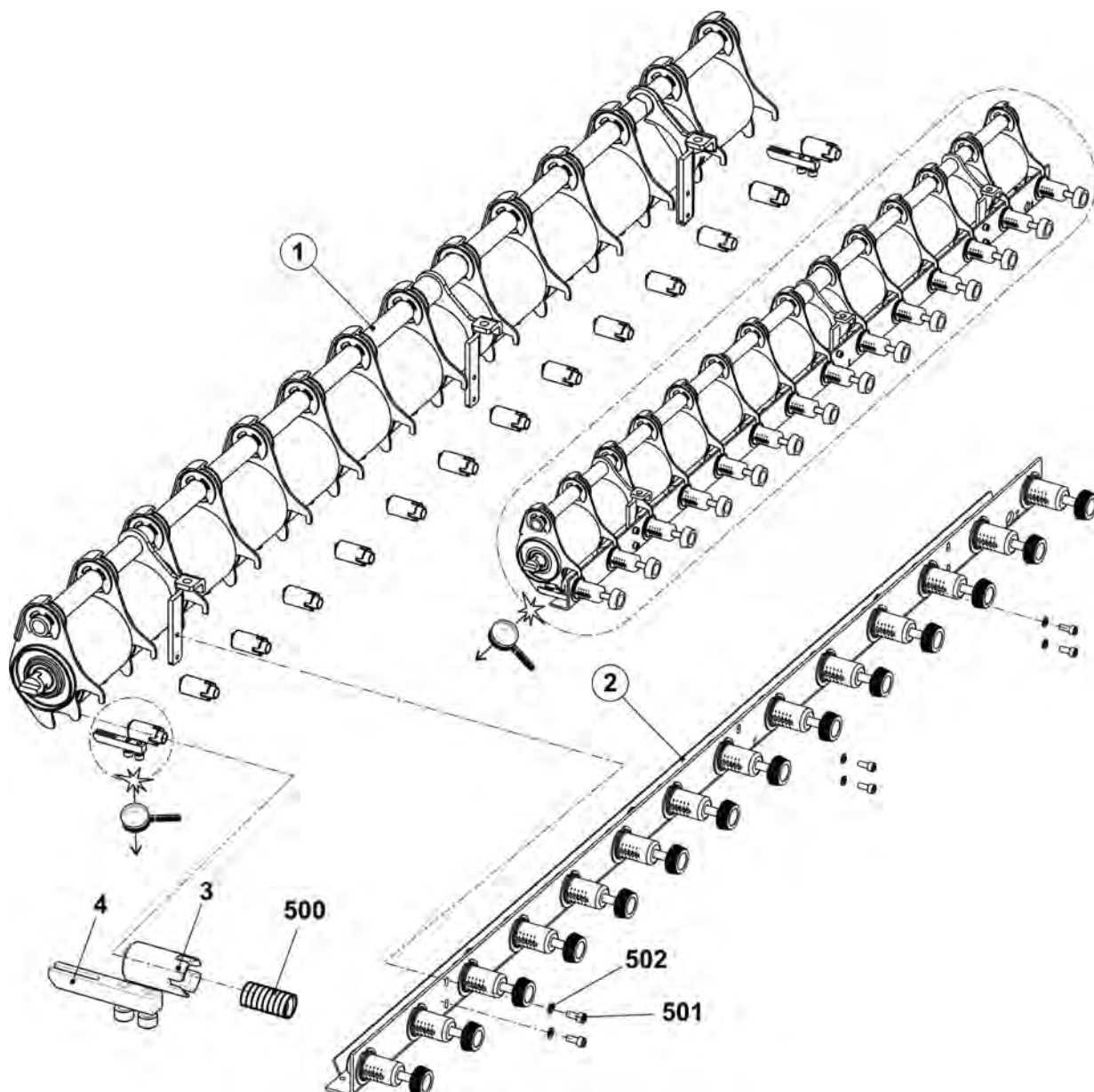
6.1.3.2 Rear take-down roller

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller at the rear complete	253 853			
1	Ring on the left	255 830	7	Roller (E5-14)	264 624
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	264 669	500	Dowel pin 6x32	020 685
6	Ring on the right	255 831	501	Setscrew M8x16	258 910



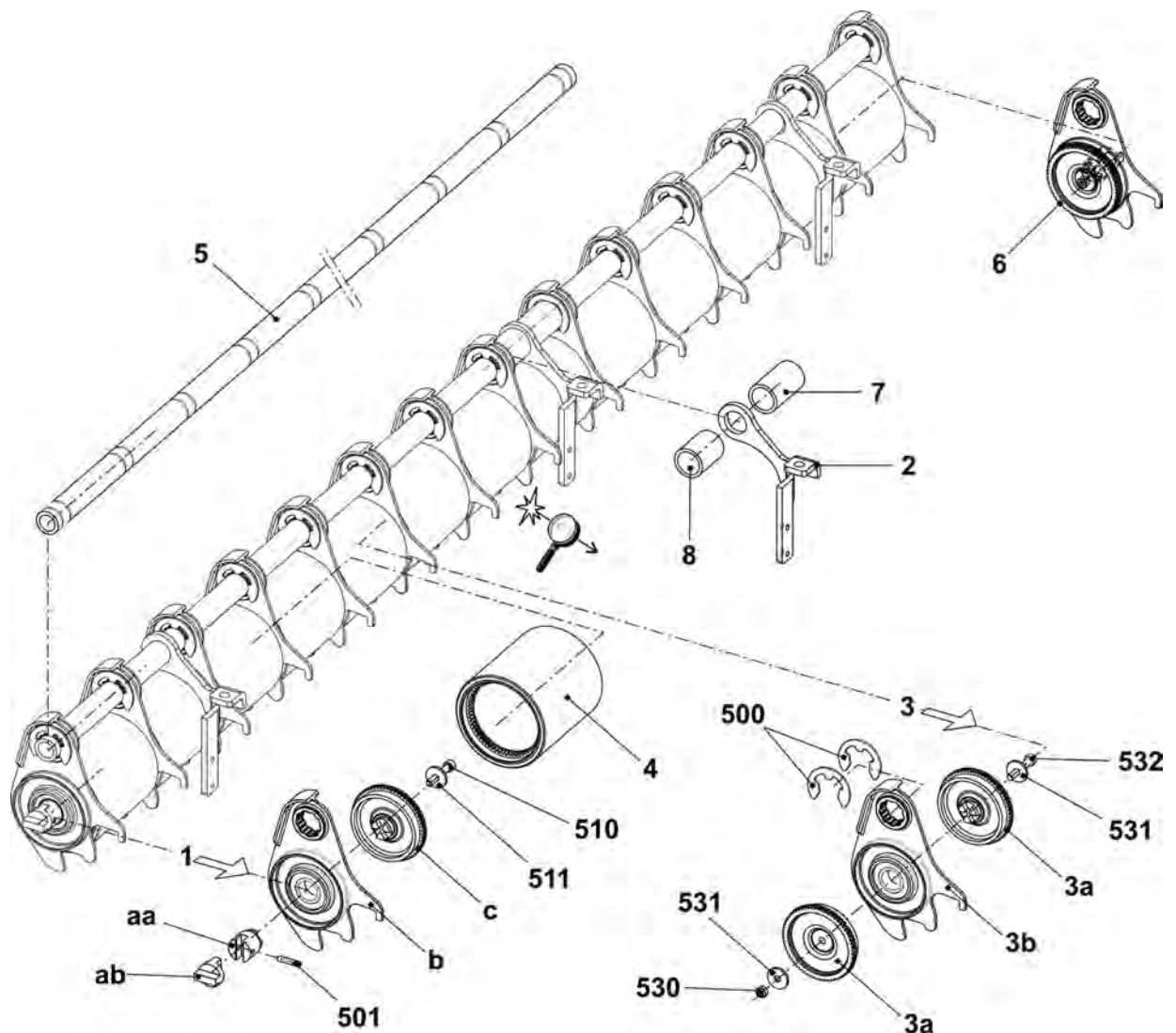
6.1.3.3 Front take-down roller

Pos	Designation	Id	Pos	Designation	Id
Σ	Take-down roller at the front complete	241 426	4	Locating 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	Washer 5-200	020 880



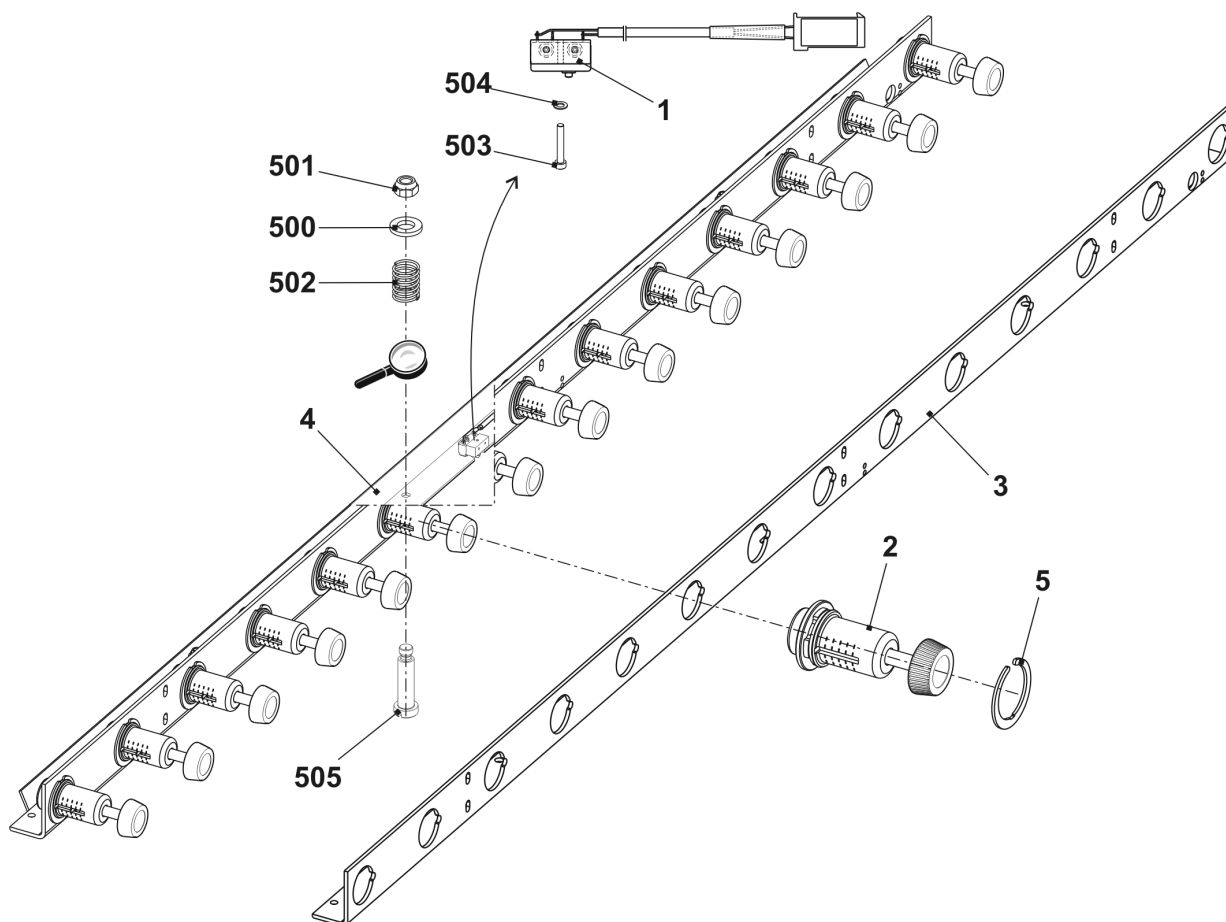
6.1.3.3.1 Front roller elements

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	Washer 5	023 542	501	Spring dowel sleeve 4x20	023 551
2	Straps	251 557	510	Cap screw M5x20	020 133
3	Bearing support complete	221 241	511	Washer 5	023 542
3b	Bearing support	220 913	7	Spacer pipe on the right	253 407
3a	Gear wheel	220 910	8	Spacer 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			



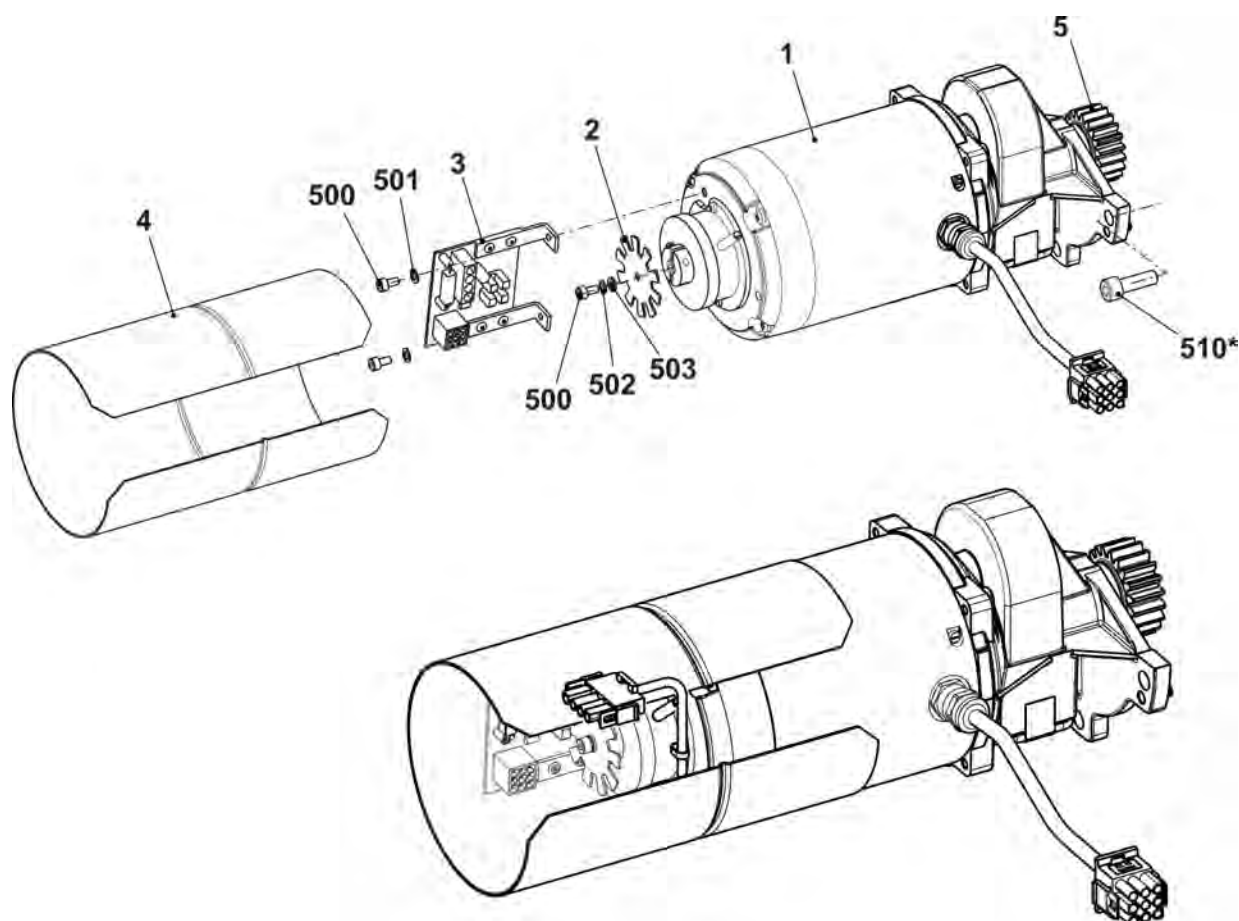
6.1.3.3.2 Pressure angle rail

Pos	Designation	Id	Pos	Designation	Id
Σ	Angle rail complete	241 425	500	Washer 6-200	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	241 773	503	Cap screw M2x12	023 522
4	Winding plate	221 101	504	Washer 2-200	022 908
5	Retaining ring	242 325	505	Shoulder screw M5x20x5	023 675

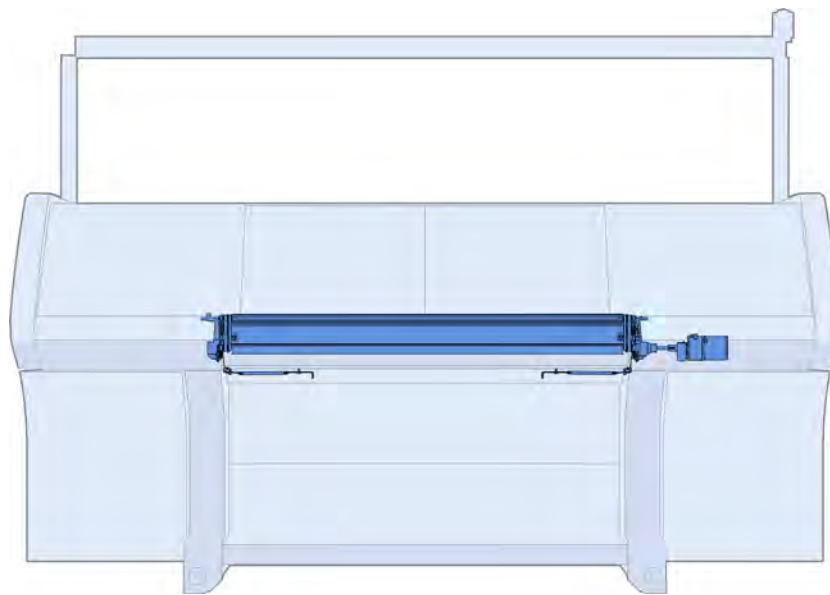


6.1.3.4 Impulse sensor and motor

Pos	Designation	Id	Pos	Designation	Id
Σ	Motor take-down unit complete	253 803			
1	Asynchronous torque motor (complete)	257 438	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	501	Washer 4-200	020 879
3	Light barrier take-down + comb	300 744	502	Circlip	022 774
4	Cover	212 262	503	Shim ring 4x8x1	023 369
5	Gear wheel	241 668	510*	Cap screw M8x25	020 142

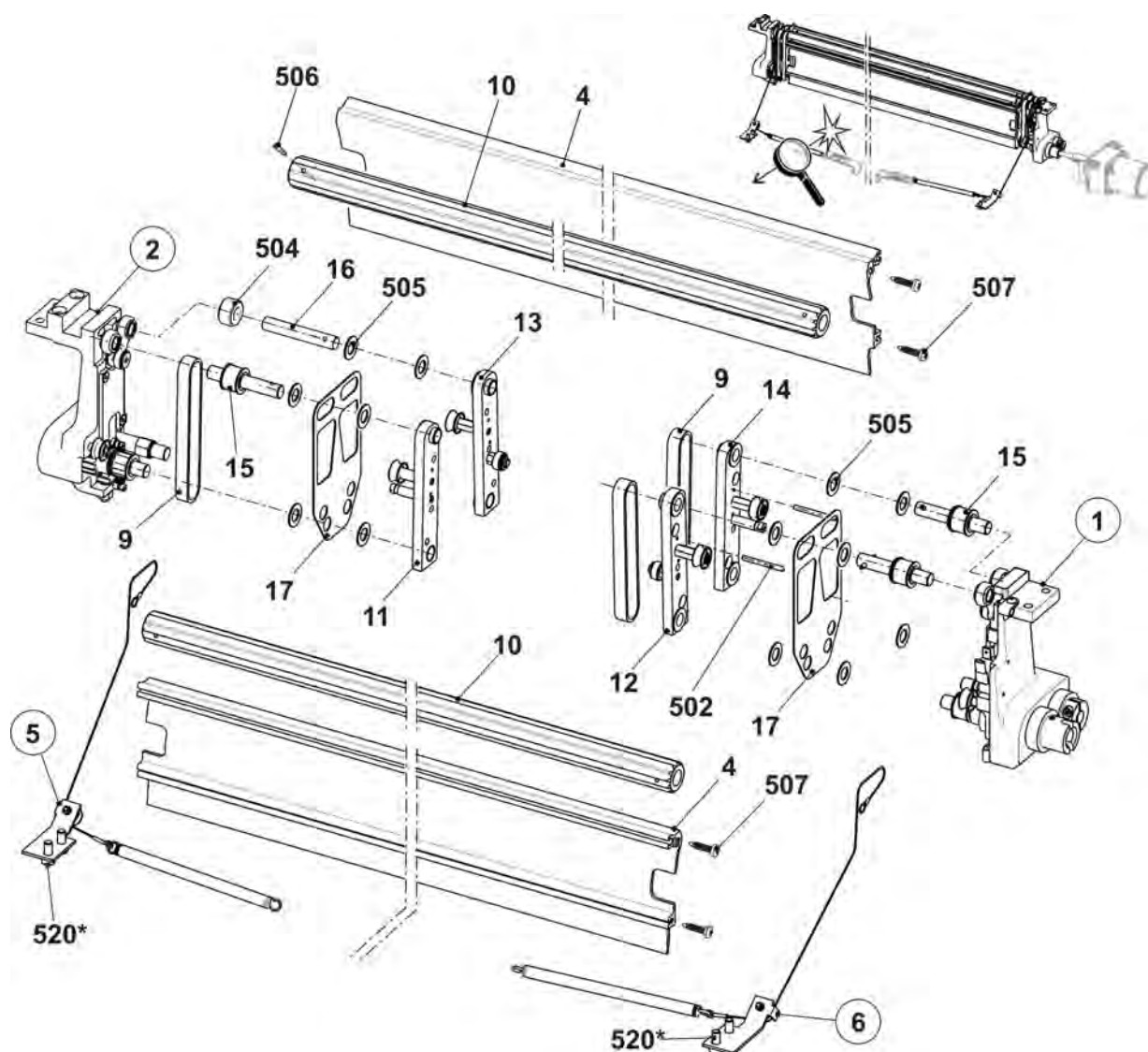


7 Auxiliary Take-down



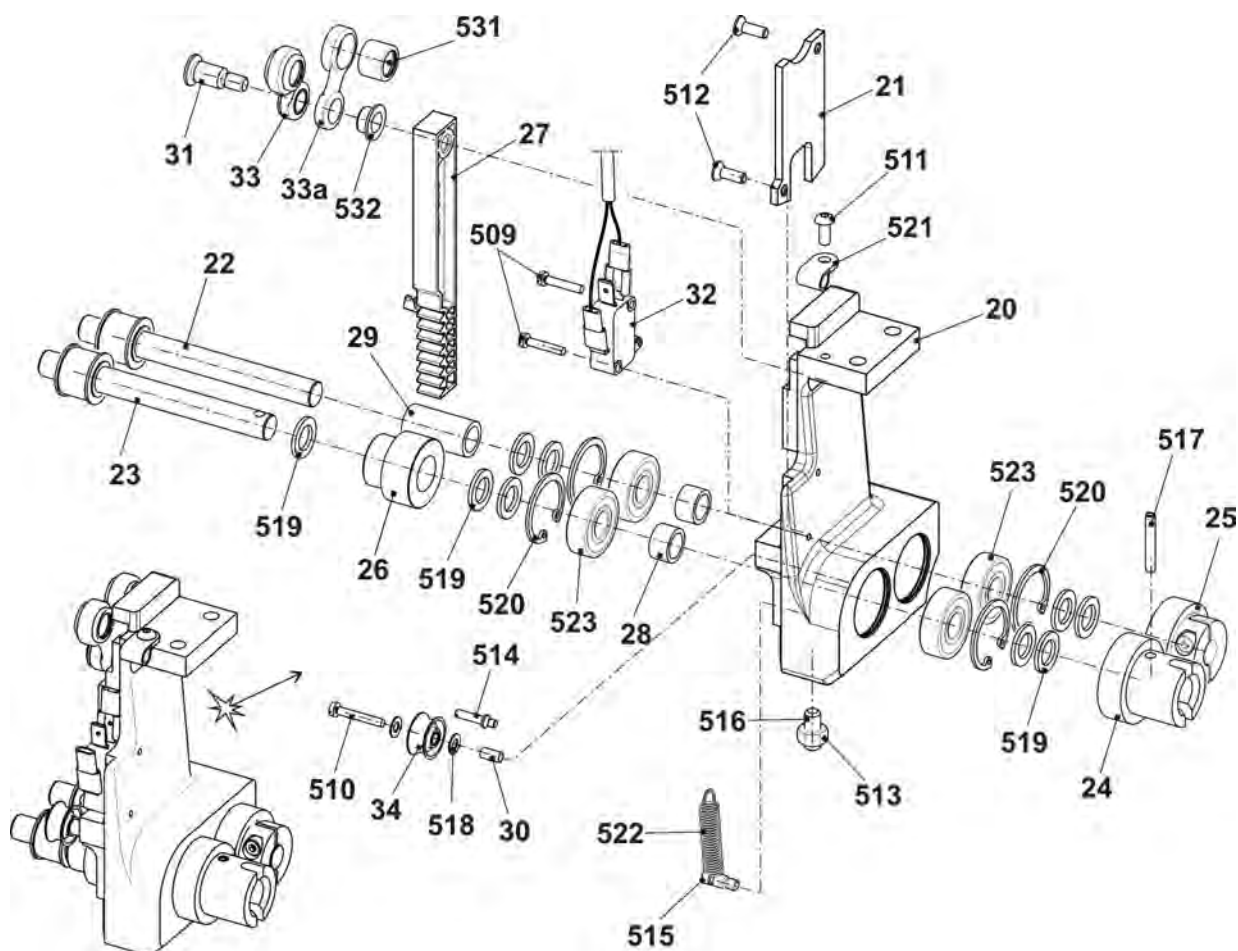
7.1 Auxiliary take-down pre-assembled

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	Toothed belt pulley complete	226 708
4	Guide plate	213 362	16	Bolts	227 914
5	Metal angle on the left complete	225 013	17	Protective plate	225 754
6	Metal angle on the right complete	225 014	502	Shoulder screwM3x27x32	023 634
9	Toothed belt10T5/260	208 832	504	Set collar	020 934
10	Take-down roller	224 891	505	Stop disk	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-C	023 259
13	Lever at the rear on the left	227 261	520*	Cap screw M6x16	020 135



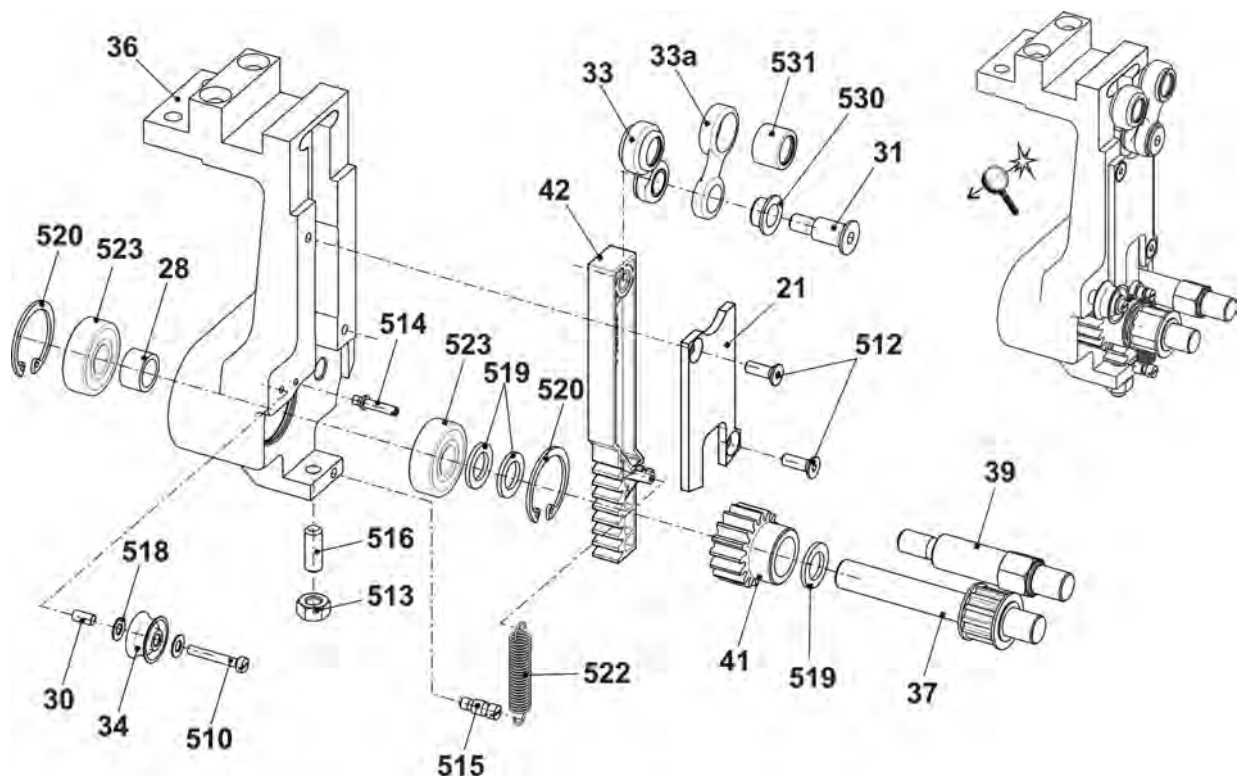
7.1.1 Right bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the right complete	239 996		532 Slide bearing GFM-081014-06	023 358
20	Bearing block on the right	258 913	34	Roller deflector	218 805
21	Cover	257 466	500	Cap screw M3x16	022 560
22	Drive shaft complete	227 857	510	Cap screw M3x20	022 448
23	Drive shaft complete	227 853	511	Pan-head screw M4x10	023 450
24	Gear wheel M=1,5, Z=20	213 880	512	Countersunk head screw M4x12	023 062
25	Gear wheel M=1,5, Z=20	210 504	513	Hexagon nut M6-6	020 836
26	Gear wheel on the right complete	218 524	514	Threaded bolt with shoulder	243 226
27	Gear rack on the right	253 487	515	Shoulder screw M4x9x14	020 602
28	Threaded spacer	229 683	516	Setscrew M6x16-45	023 092
29	Sleeve	227 257	517	Spiral pin 4x24	023 544
30	Sleeve	239 997	518	Shim ring 4x8x0,5	023 384
31	Collar bolt	210 551	519	Shim ring 10x16x1,5	023 261
32	Cable with switch auxiliary take-downokc	243 142	520	Retaining ring 26x1,2	023 359
33	Connecting rod complete	226 710	521	Fastening clip 255/5,2	008 335
33a	Connecting rod	255 696	522	Tension spring 7,5x0,7x28	023 595
531	Needle roller bearing HK1010	023 664	523	Grooved ball bearing 6000-2Z	022 599



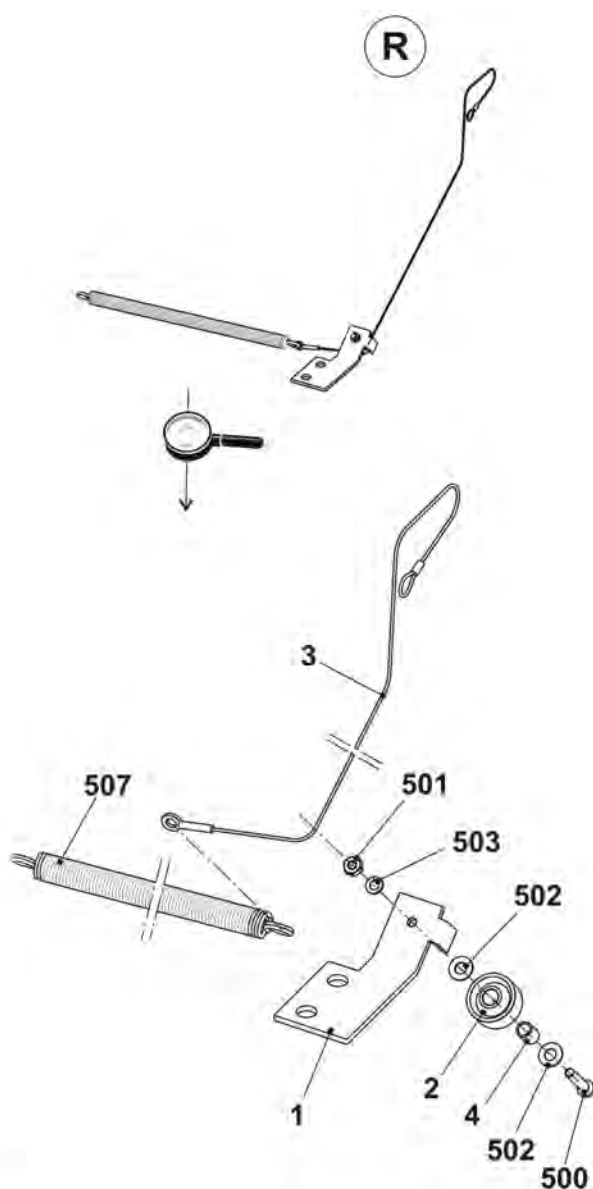
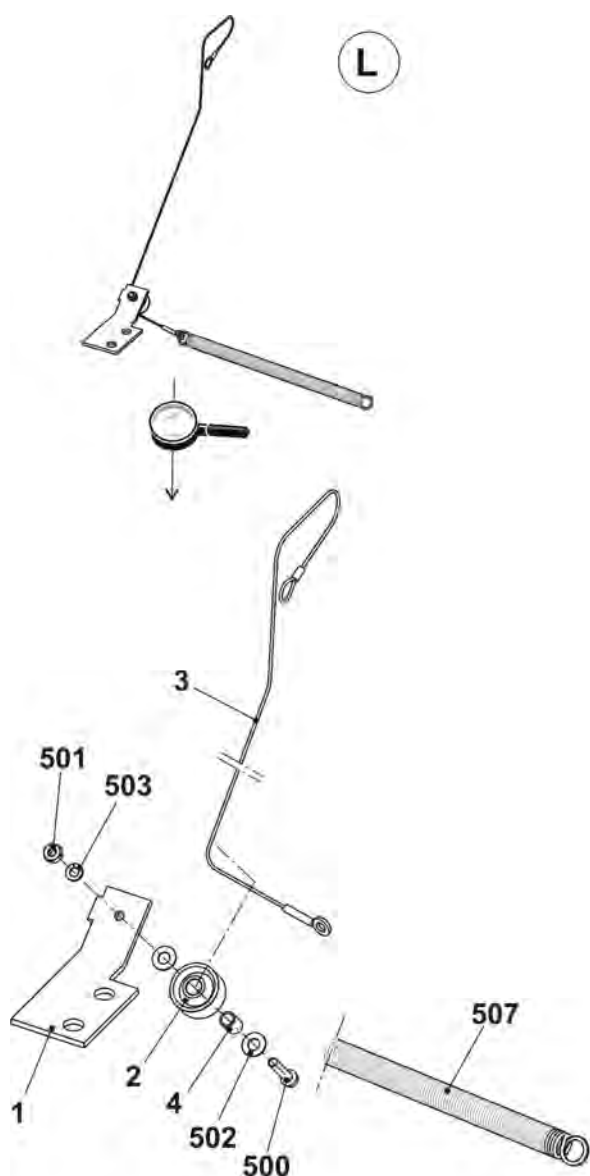
7.1.2 Left bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the left	239 999	41	Gear wheel on the left complete	218 523
21	Cover	257 466	42	Gear rack on the left	253 488
28	Threaded spacer	229 683	510	Cap screw M3x20	022 448
30	Sleeve	239 997	512	Countersunk head screw M4x12	023 062
31	Collar bolt	210 551	513	Hexagon nut M6-6	020 836
33	Connecting rod complete	226 710	514	Threaded bolt with shoulder	243 226
33a	Connecting rod	255 696	515	Shoulder screw M4x9x14	020 602
530	Slide bearing GFM-081014-06	023 358	516	Setscrew M6x16-45	023 092
531	Needle roller bearing HK1010	023 664	518	Shim ring 4x8x0,5	023 384
34	Roller deflector	218 805	519	Shim ring 10x16x1,5	023 261
36	Bearing block on the left	258 914	520	Retaining ring 26x1,2	023 359
37	Drive shaft complete	227 887	522	Tension spring 7,5x0,7x28	023 595
39	Bolts	226 705	523	Grooved ball bearing 6000-2Z	022 599



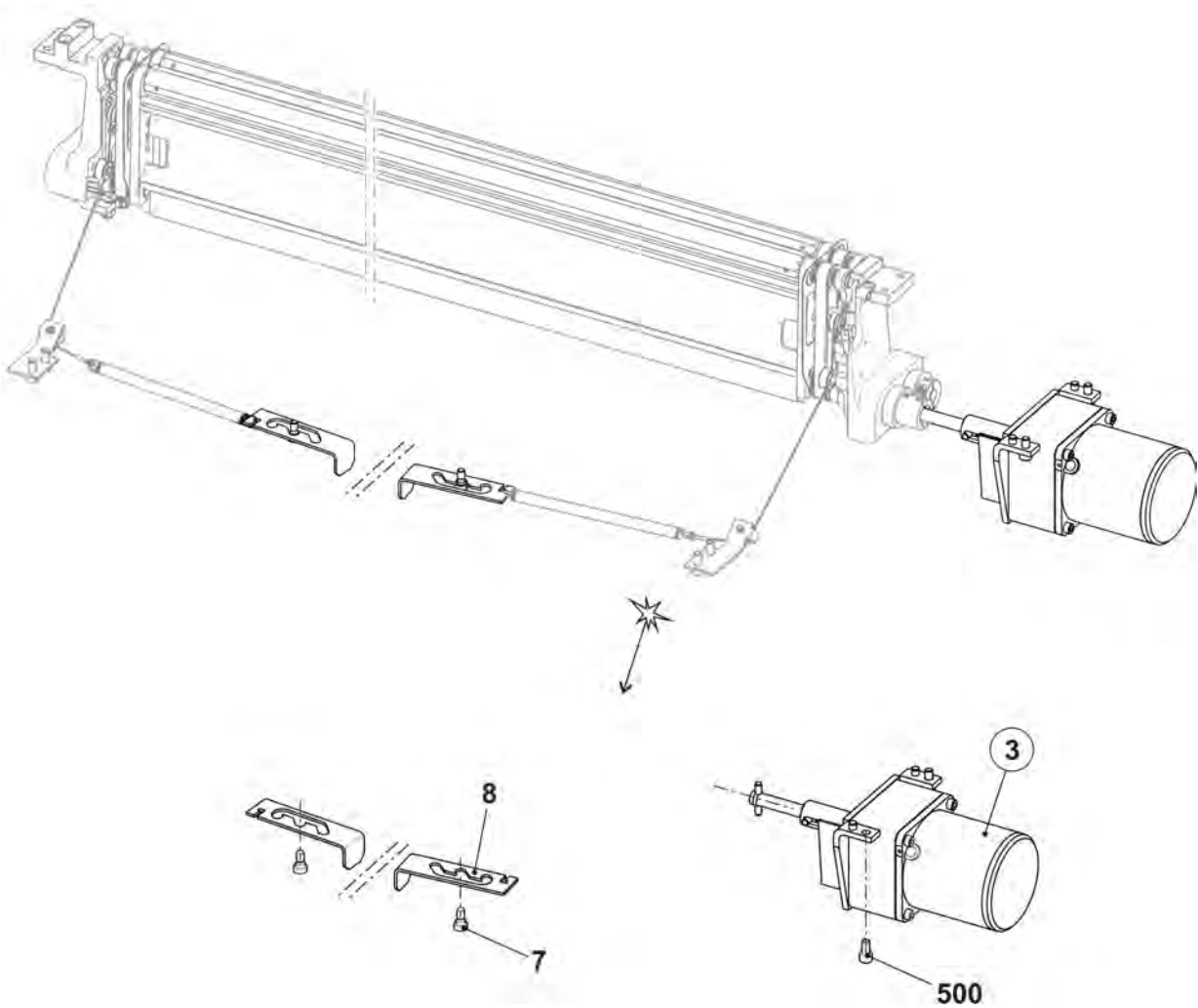
7.1.3 Metal angle on the left and right complete

Pos	Designation	Id	Pos	Designation	Id
Σ L	Metal angle on the left complete	225 013	Σ R	Metal angle on the right complete	225 014
1	Metal angle on the left	224 920	1	Metal angle on the right	224 931
2	Roller deflector	218 805	2	Roller deflector	218 805
3	Fine rope	224 977	3	Fine rope	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	Shim ring 4x8x0,5	023 384	502	Shim ring 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



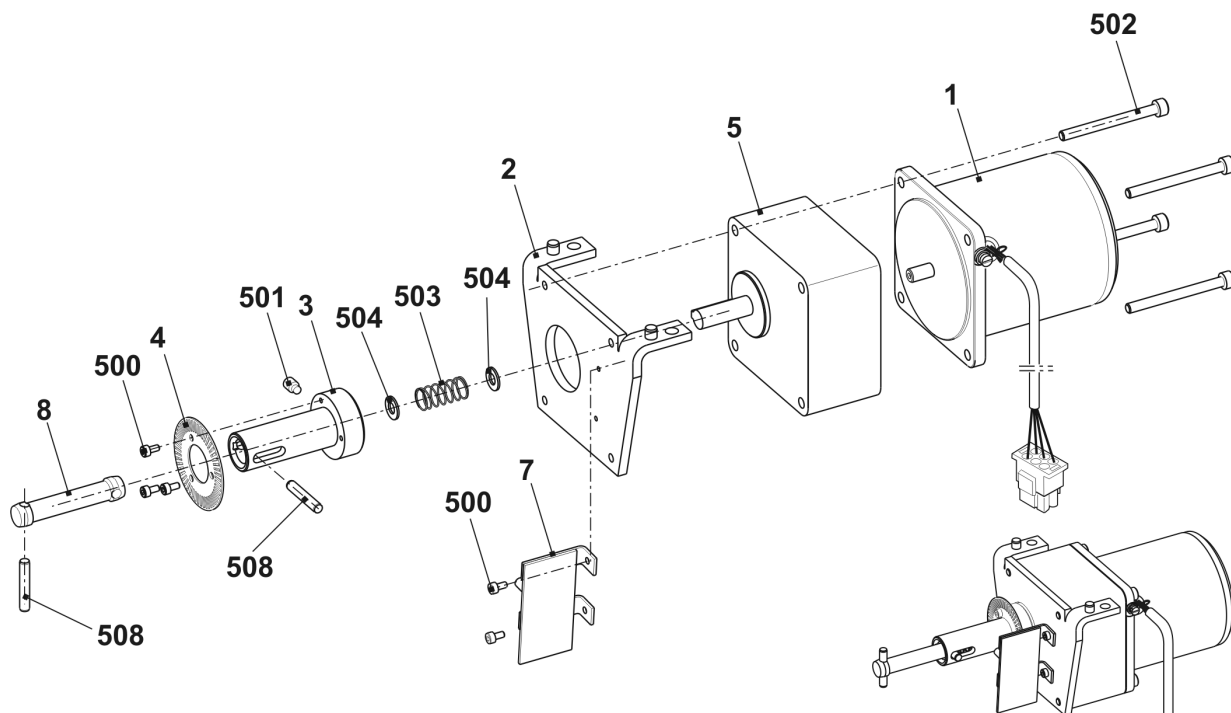
7.2 Auxiliary take-down in the middle

Pos	Designation	Id	Pos	Designation	Id
Σ	Auxiliary take-down in the middle	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



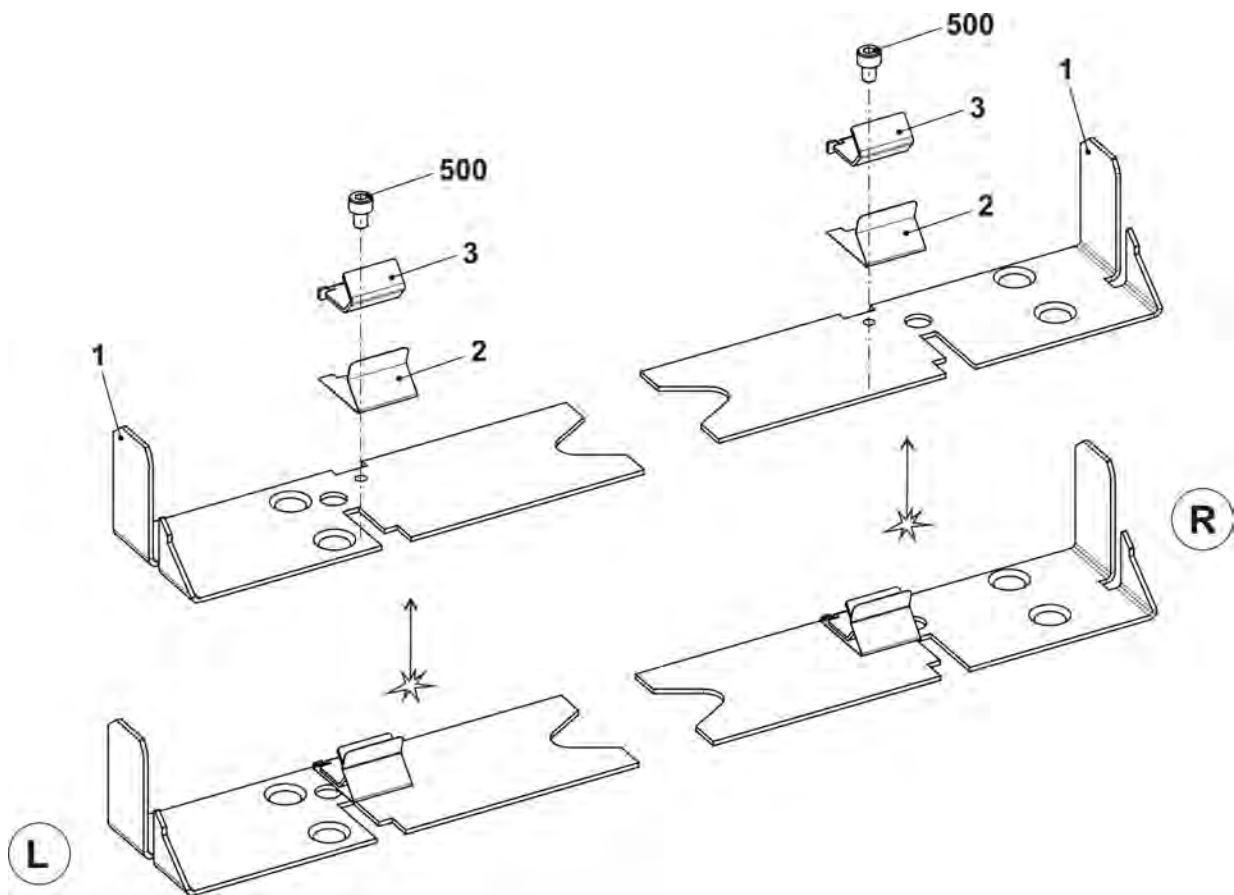
7.3 Motor

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	Setscrew 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 unit 4GN36K	220 353	504	Shim ring 6x12x1	023 444
7	Light barrier Auxiliary take-down	217 462	508	Dowel pin5x28	241 686

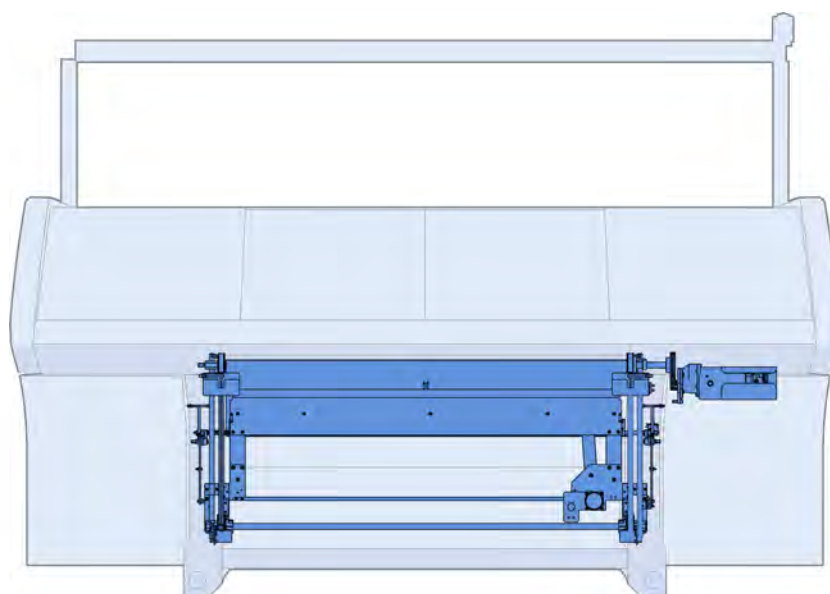


7.4 Yarn brake at clamping and cutting bed

Pos	Designation	Id	Pos	Designation	Id
Σ L	Yarn brake on the left	256 740	Σ R	Yarn brake on the right	256 715
1	Cover on the left	256 739	3	Cover on the right	256 714
2	Leaf spring	256 712	1	Leaf spring	256 712
3	Test clamping plate	256 713	2	Test clamping plate	256 713
500	Cap screw M4x6	023 067	500	Cap screw M4x6	023 067

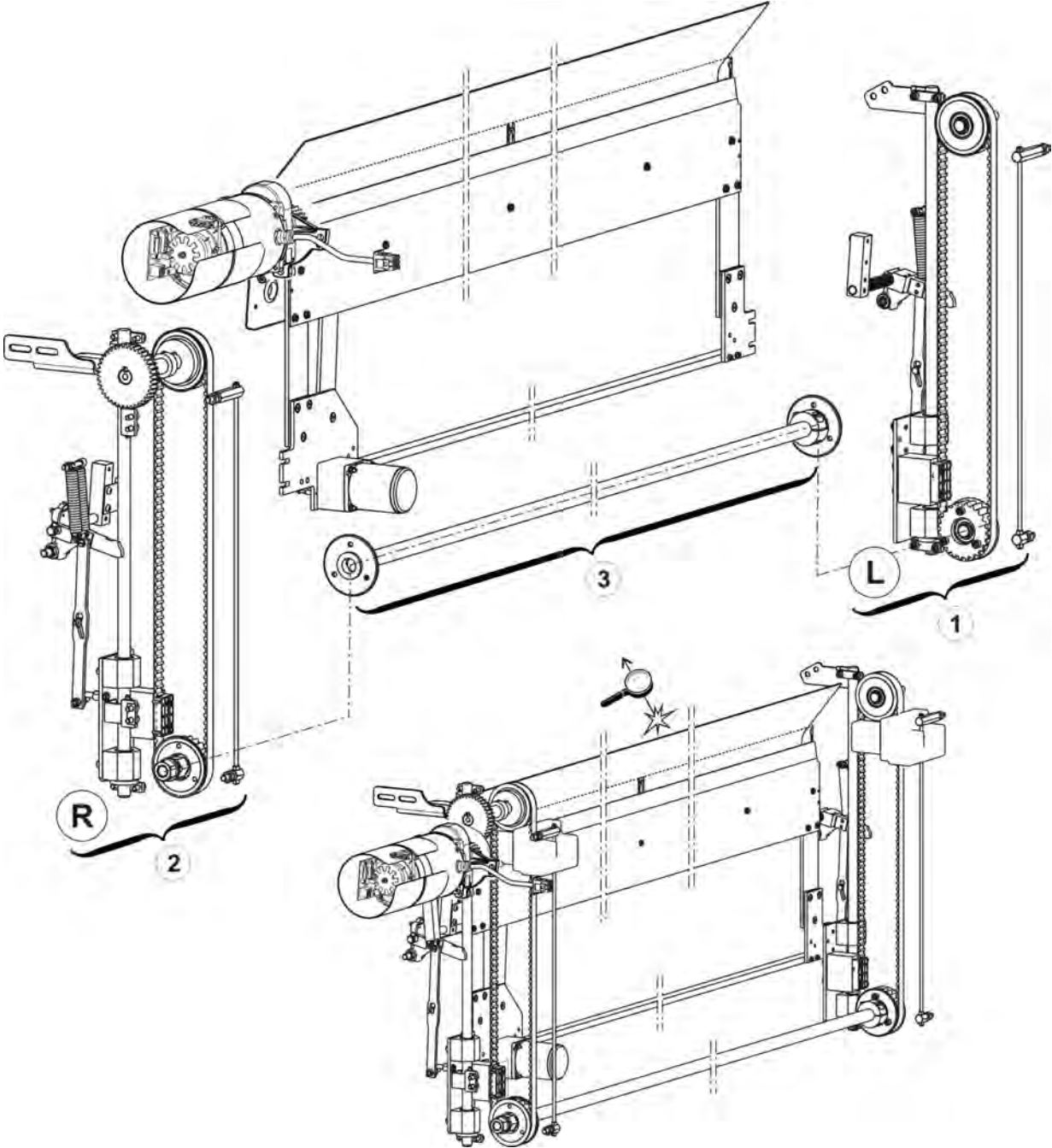


8 Comb Take-down



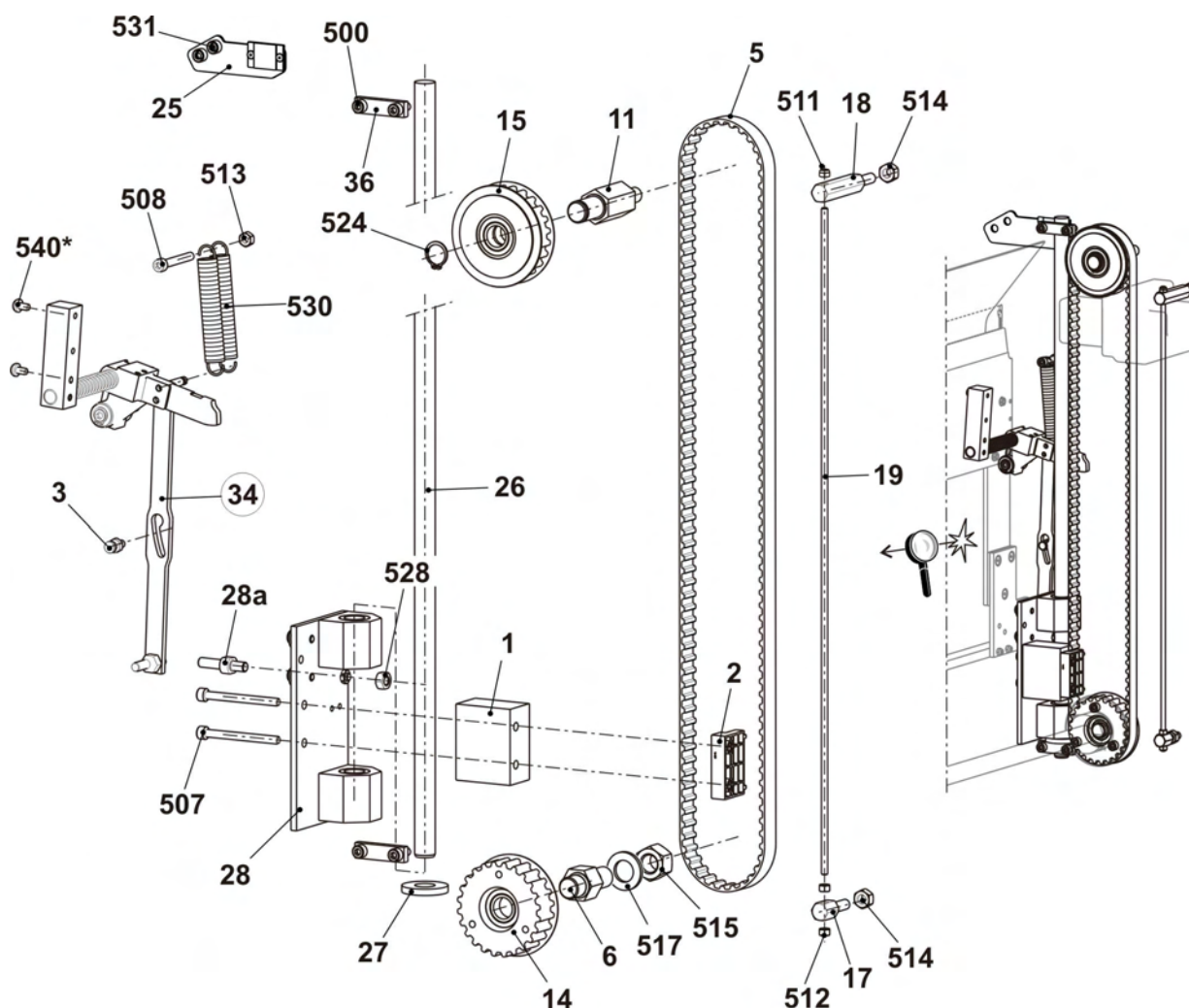
8.1 Comb Take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down		3	Comb take-down in the middle	
1	Comb take-down on the left	256 834		E5 E5m.4 E2,5.2 E2,5.2m.4L	253 586
2	Comb take-down on the right	256 835		E7 E7m.5 E7m.8 E3,5.2 E3,5.2m.4L	253 587
				E8 E8m.7	253 588
				E5.2	253 589



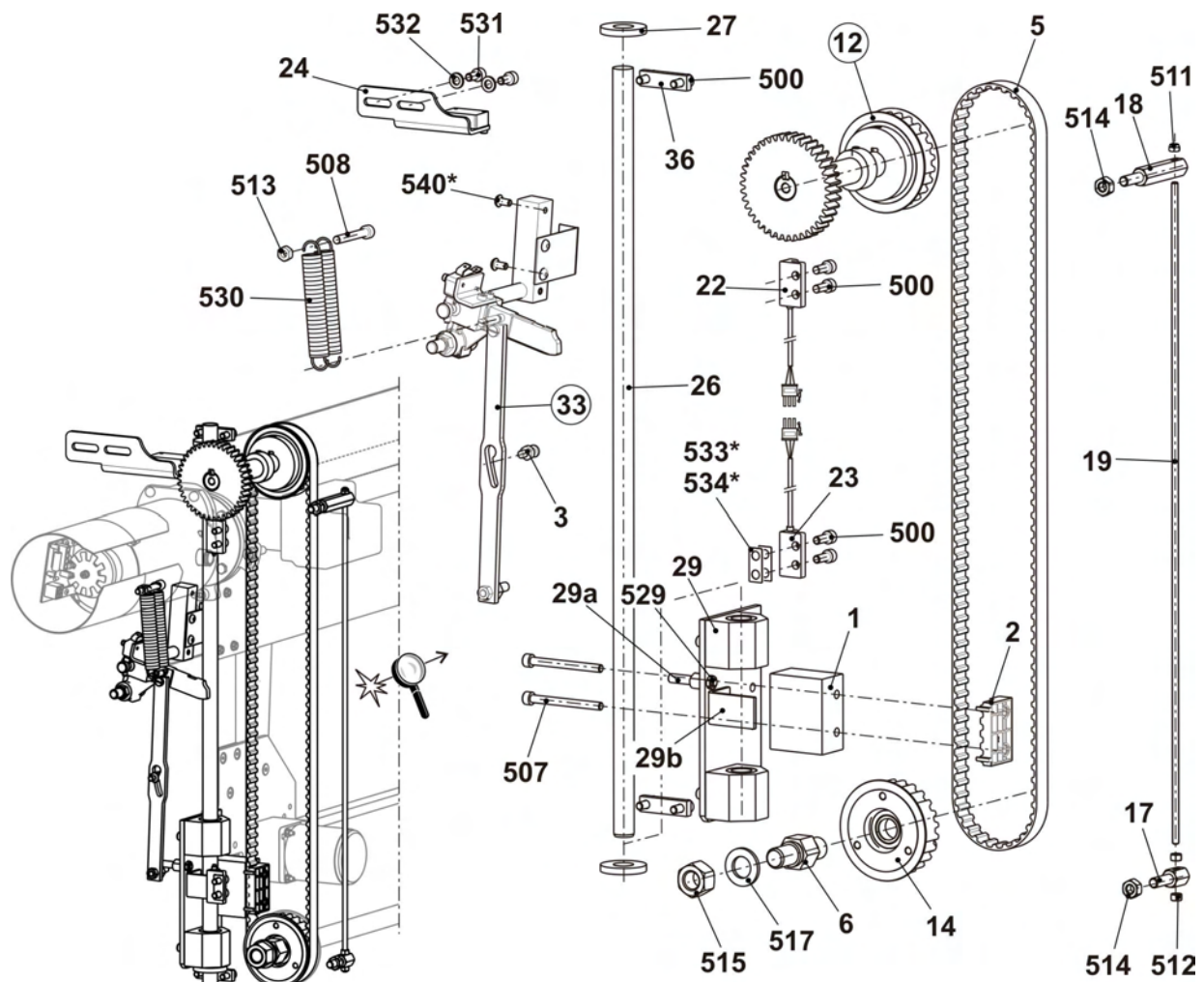
8.1.1 Comb take-down on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the left	256 834			
1	Clamping piece	209 379		528 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	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	Bolts	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer 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	256 826	517	Washer 16	020 876
26	Guide bar C35	206 560	524	Retaining 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	Driving bolt	255 427	540*	Pan-head screw M5x10	023 247



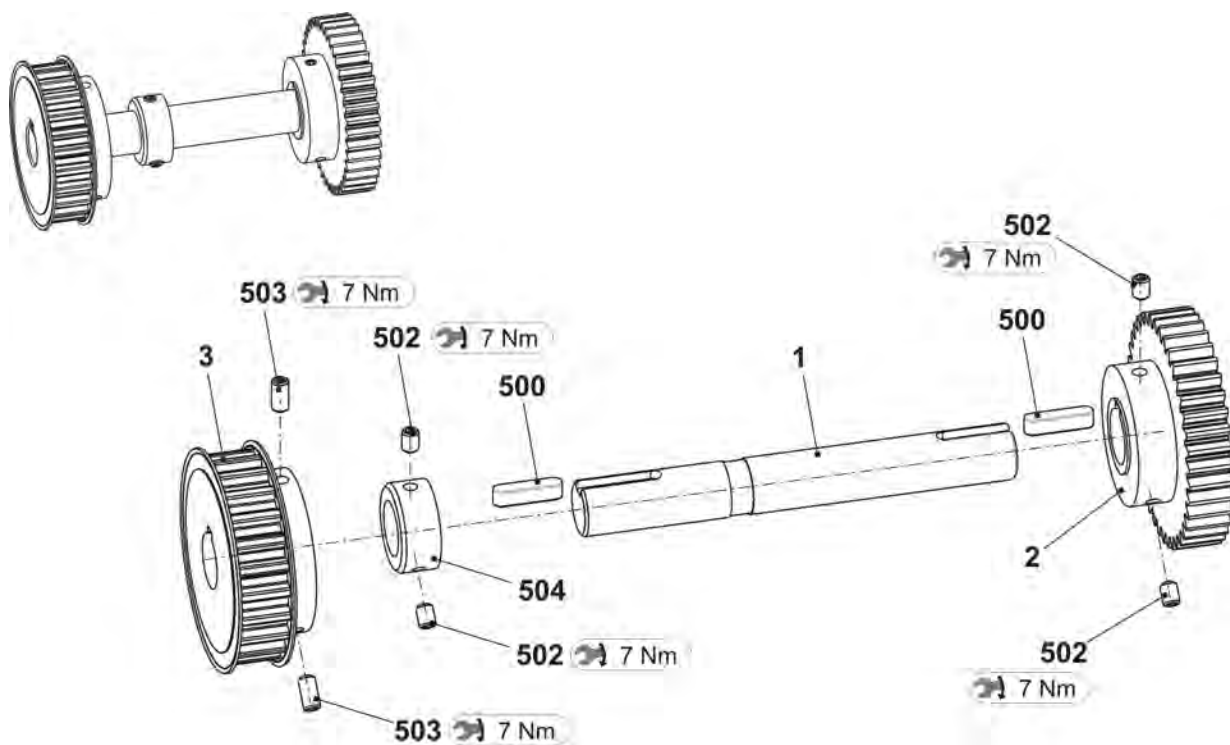
8.1.2 Comb take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the right	256 835			
1	Clamping piece	209 379	529	Hexagon nut M8-6	020 838
2	Pressure plate	241 967	33	Swivel lever on the right	252 858
3	Bolts	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	Toothed lock washer 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	Washer 16	020 876
24	Light barrier complete	256 825	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	Washer 6	020 872
29	Comb guide on the right	255 424	533*	Shim 0,2x12x27	023 735
29a	Driving bolt	255 427	534*	Shim 0,5x12x27	023 736
29b	Angle	240 112	540*	Pan-head screw M5x10	023 247



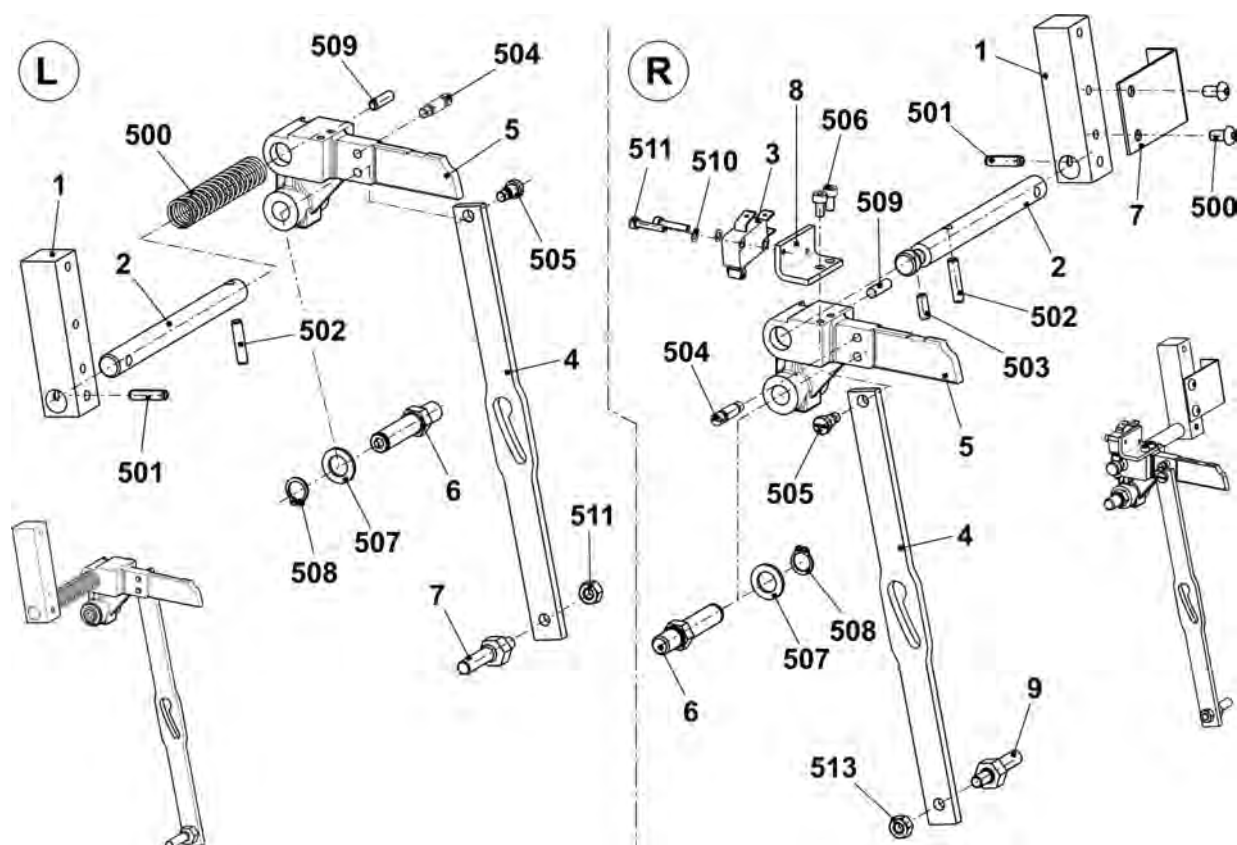
8.1.2.1 Drive shaft of comb

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive shaft 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	Setscrew M6x8	022 684
	Always order position 502 additionally		503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394	504	Set collar	020 938
	Always order position 503 additionally				



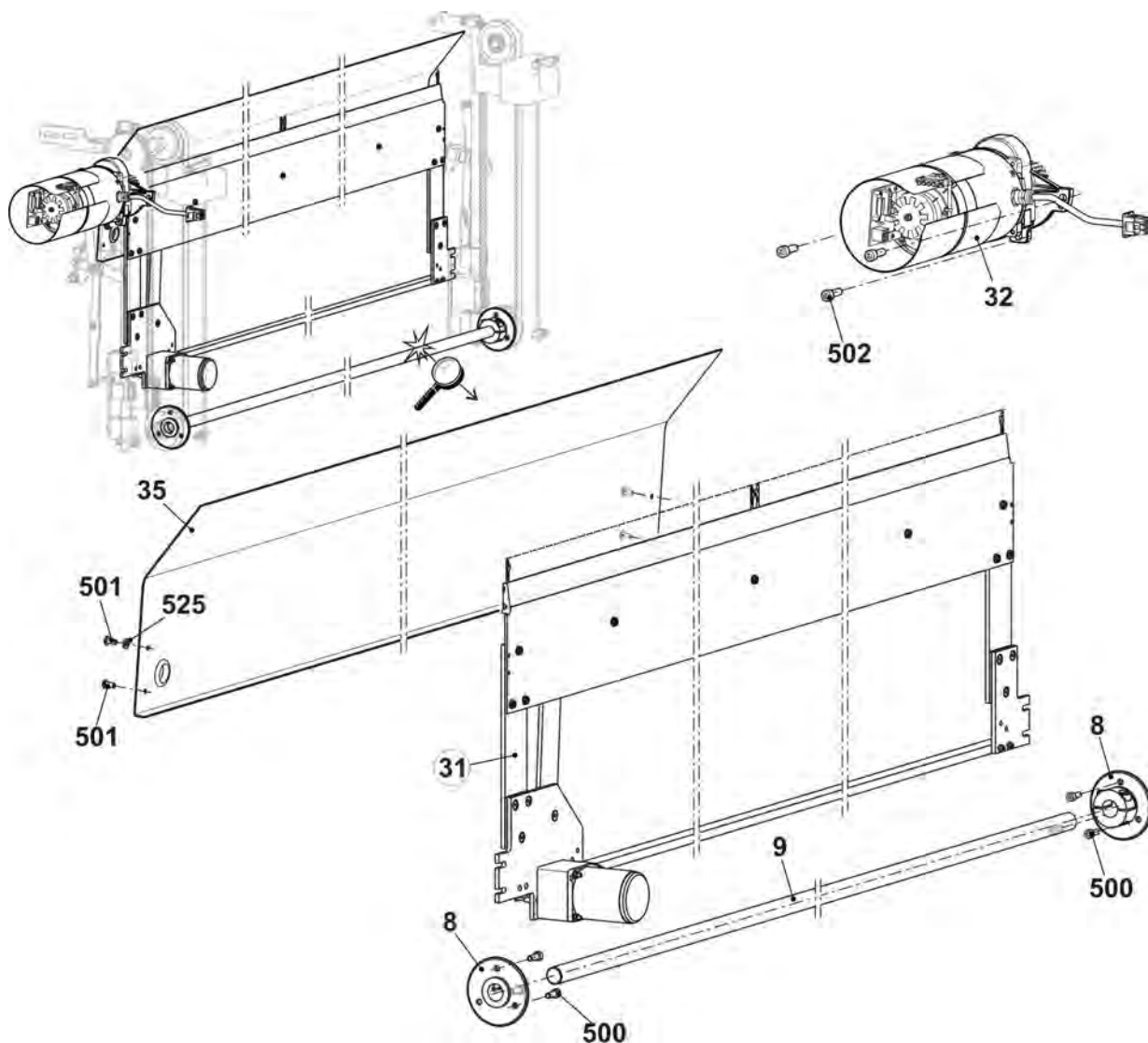
8.1.2.2 Swivel lever comb take-down

Pos	Designation	Id	Pos	Designation	Id
Σ L	Swivel lever on the left	252 859	3	Microswitch	026 259
1	Support	252 780	4	Plunger	255 650
2	Shaft	223 994	5	Swivel lever	239 248
4	Plunger	255 650	6	Bolts	214 053
5	Swivel lever	239 248	7	Angle	224 009
6	Bolts	214 053	8	Angle	238 304
7	Eccentric bolt	255 651	9	Eccentric bolt	255 651
500	Compression spring 1,4x13,6x93	023 572	500	Pan-head screw M5x10	023 247
501	Spring dowel sleeve Iso8752-5x20	020 794	501	Spring dowel sleeve 5x20	020 794
502	Dowel pin5x22	023 716	502	Dowel pin5x22	023 716
504	Shoulder screwM5x29x35	251 618	503	Spring dowel sleeve 5x12	020 793
505	Shoulder screw M5x5,8x6,2	023 365	504	Shoulder screwM5x29x35	251 618
507	Washer 10	020 884	505	Shoulder screw M5X5,8X6,2	023 365
508	Retaining ring	020 950	506	Cap screw M4x8	022 501
509	Shoulder screw M5x12x18	020 539	507	Washer 10	020 884
511	Hexagon nut M8-6	020 838	508	Retaining ring10x1	020 950
Σ R	Swivel lever on the right	252 858	509	Shoulder screwM5X12X18	020 539
1	Support	252 780	510	Cap screw M3x16	022 583
2	Shaft	238 339	511	Washer 3	020 877
			513	Hexagon nut M8-6	020 838



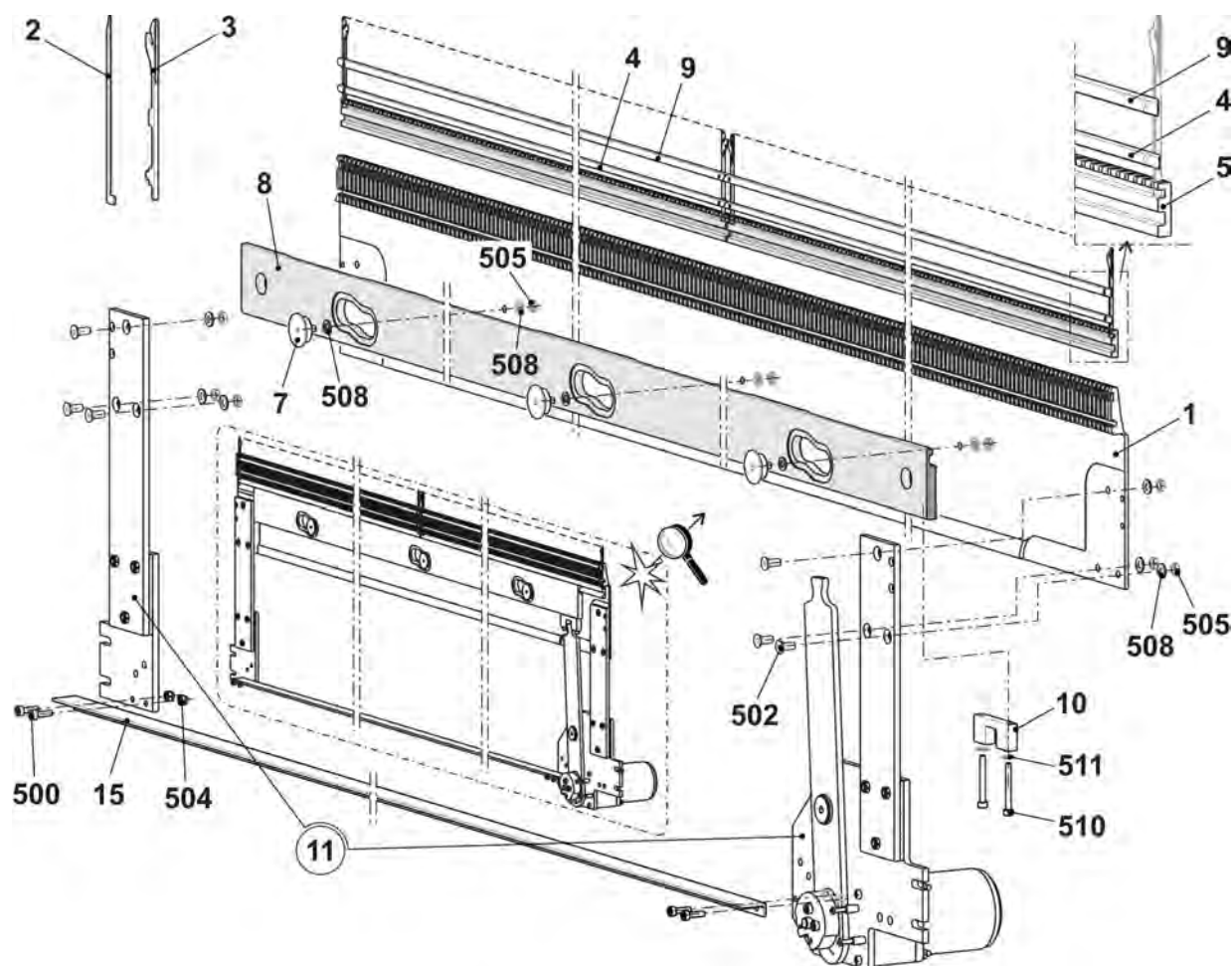
8.1.3 Comb take-down in the middle

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down in the middle		31	Comb unit	
	E5 E5m.4 E2,5.2 E2,5.2m.4L	253 586		E5 E5m.4 E2,5.2 E2,5.2m.4L	241 530
	E7 E7m.5 E7m.8 E3,5.2 E3,5.2m.4L	253 587		E7 E7m.5 E7m.8 E3,5.2 E3,5.2m.4L	241 531
	E8 E8m.7	253 588		E8 E8m.7	241 532
	E5.2	253 589		E5.2	241 533
8	Flange	207 695	32	Motor take-down unit complete	253 803
9	Shaft long	213 968	35	Marking plate	259 237
500	Cap screw M6x16	020 135	502	Cap screw M8x25	020 142
501	Pan-head screw M5x10	023 247	525	Serrated lock washer J5,3	022 489



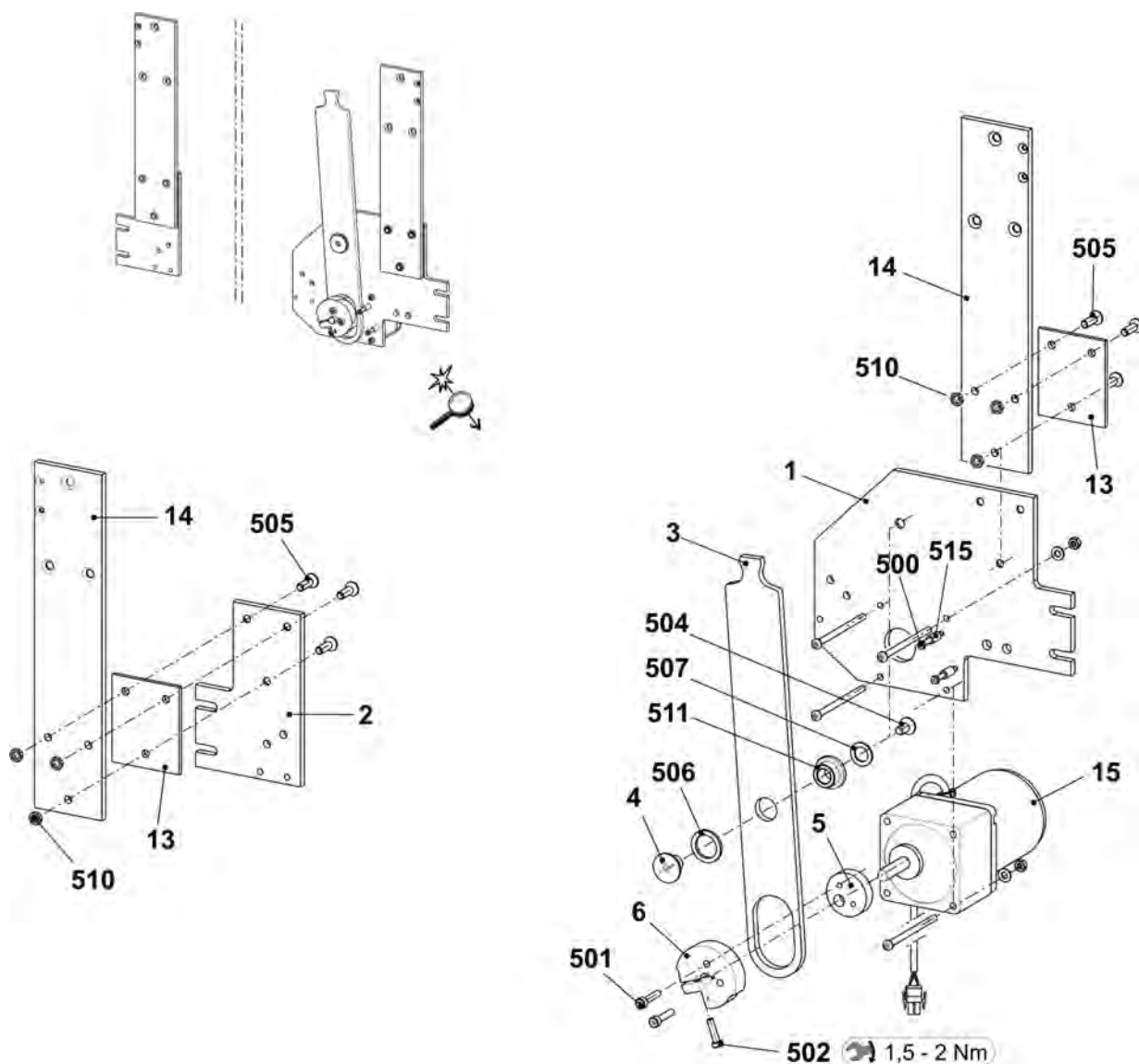
8.1.3.1 Comb unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb unit		5	Hook slider	
	E5 E5m.4 E2,5.2 E2,5.2m.4L	241 530		E5 E5m.4 E2,5.2 E2,5.2m.4L	220 995
	E7 E7m.5 E7m.8 E3,5.2 E3,5.2m.4L	241 531		E7 E7m.5 E7m.8 E3,5.2 E3,5.2m.4L	220 993
	E8 E8m.7	241 532		E8 E8m.7	220 994
	E5.2	241 533		E5.2	220 996
1	Hook bed		7	Collar bolt complete	211 036
	E5 E5m.4 E2,5.2 E2,5.2m.4L	221 193	8	Cross slider	213 429
	E7 E7m.5 E7m.8 E3,5.2m.4L	221 194	9	Cover rail	222 866
	E8 E8m.7	221 195	10	Plunger	205 678
	E5.2	221 196	11	Switching lever complete	240 060
2	Closer		15	Stabilizer	263 892
	E5 E7 E8 E2,5.2 E3,5.2 E5m.4 E7m.5 E7m.8 E8m.7 E2+3,5.2m.4L	230 105	502	Countersunk head screw M5x12	023 340
	E5.2	230 106	504	Hexagon nut M4-8	023 046
3	Body		505	Hexagon nut M5-04	020 854
	E5 E7 E8 E2,5.2 E3,5.2 E5m.4 E7m.5 E7m.8 E8m.7 E2+3,5.2m.4L	230 093	508	Washer 5	020 871
	E5.2	230 094	510	Cap screw M4x35	023 550
4	Cover rail	213 428	511	Circlip	022 774
500	Cap screw M4x30	023 290			



8.1.3.2 Switching lever comb take-down

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

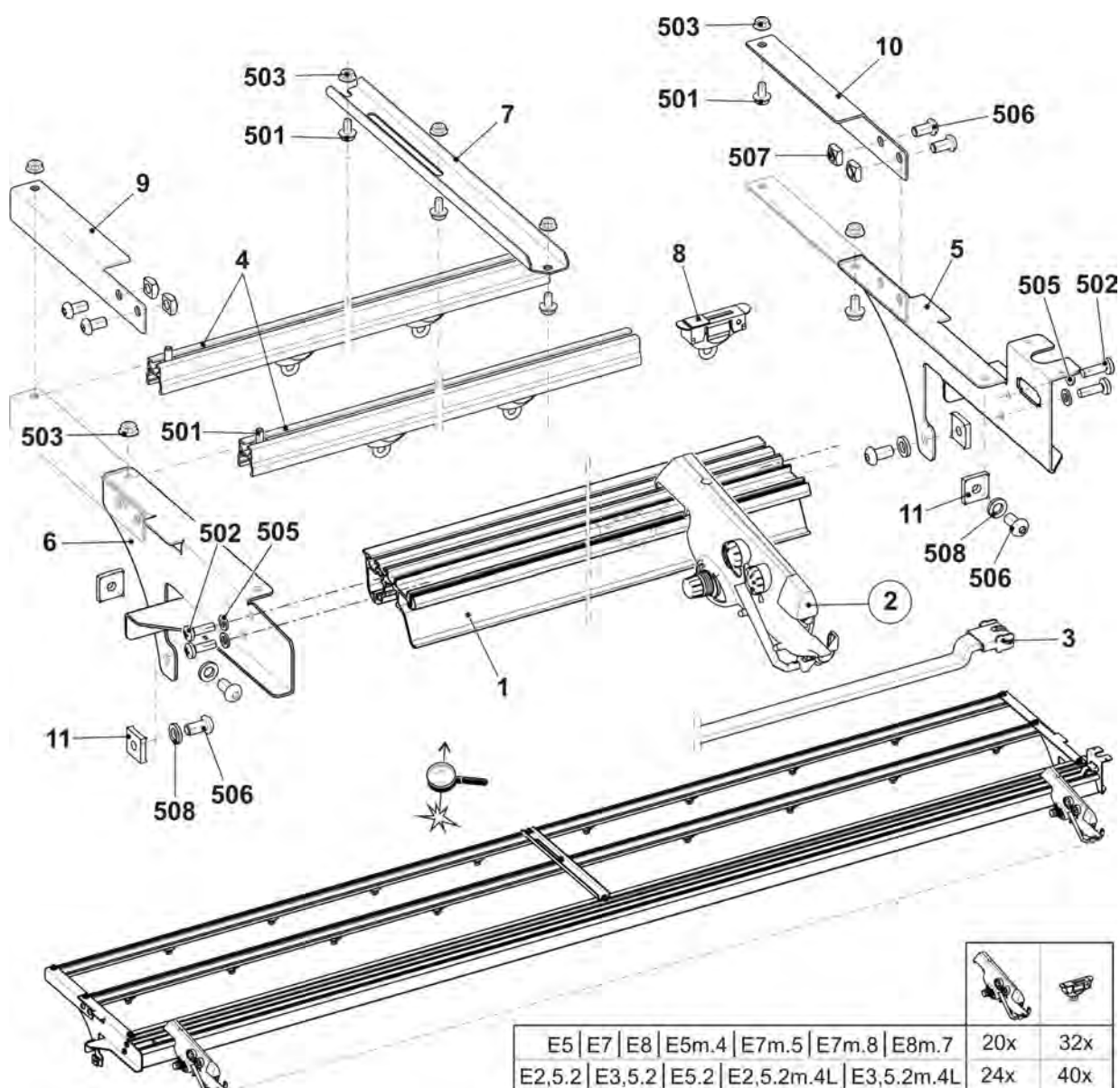


9 Yarn delivery device



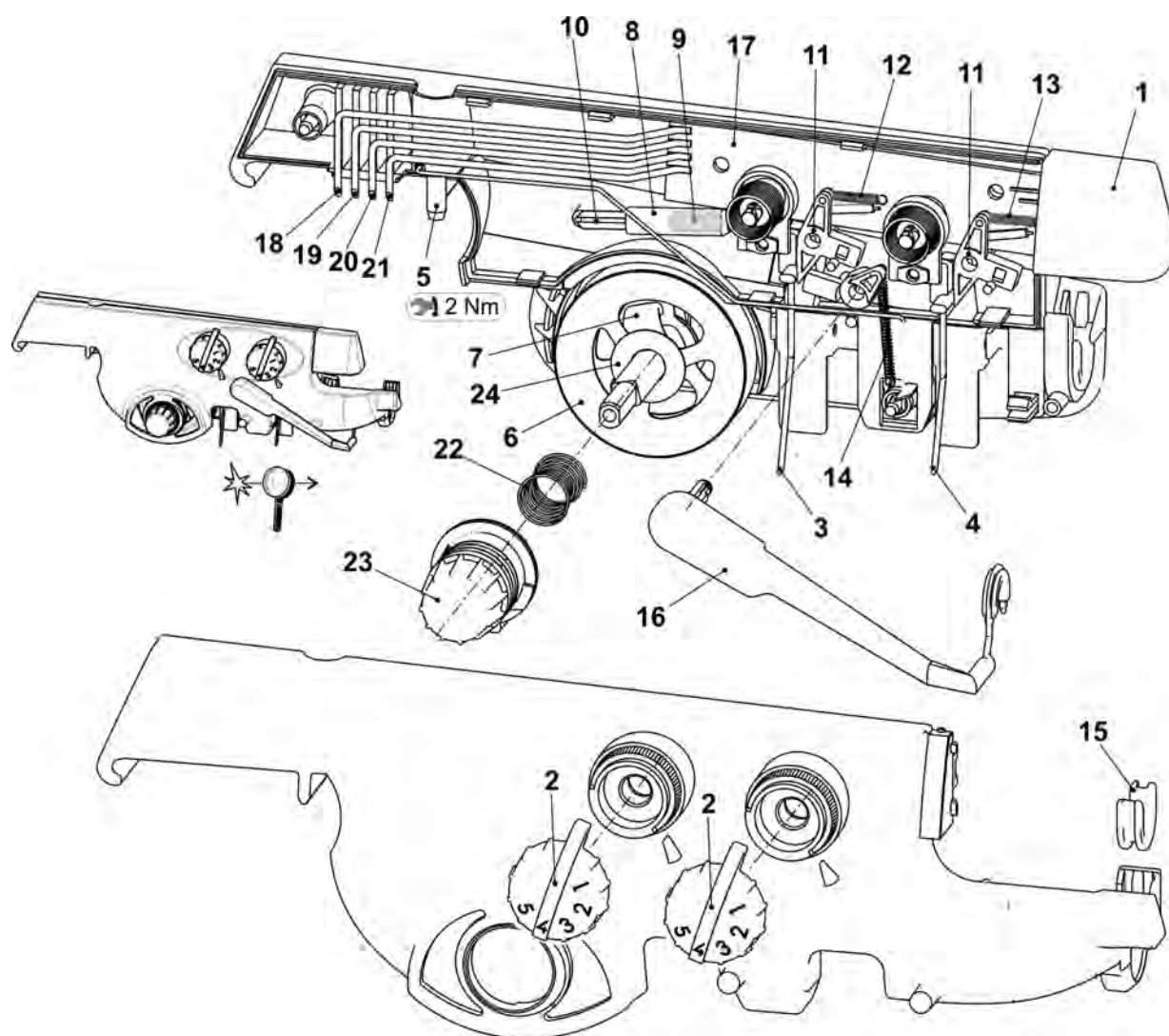
9.1 Yarn guide system with 20 and 24 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device 20 FKE 50"	241 599	9	Support on the left	243 602
	Yarn guide device 24 FKE 50"	241 549	10	Support on the right	243 603
1	Support 50"	264 400	11	Slot nut	228 851
2	Yarn control device(FKE)	237 124	501	Self-locking screw M6x12	023 415
3	Connection cable FKE 50" BM ECO	254 056	502	Screw M6x20	023 721
4	Yarn guide bar50"	240 324	503	Serrated nut M6-10	023 414
5	Support on the right	264 519	505	Washer 6	022 431
6	Support on the left	264 518	506	Pan-head screw M8x16	023 113
7	Straps	264 520	507	Square nut M8	023 269
8	Yarn guide bracket complete	241 581	508	Serrated lock washer	023 388



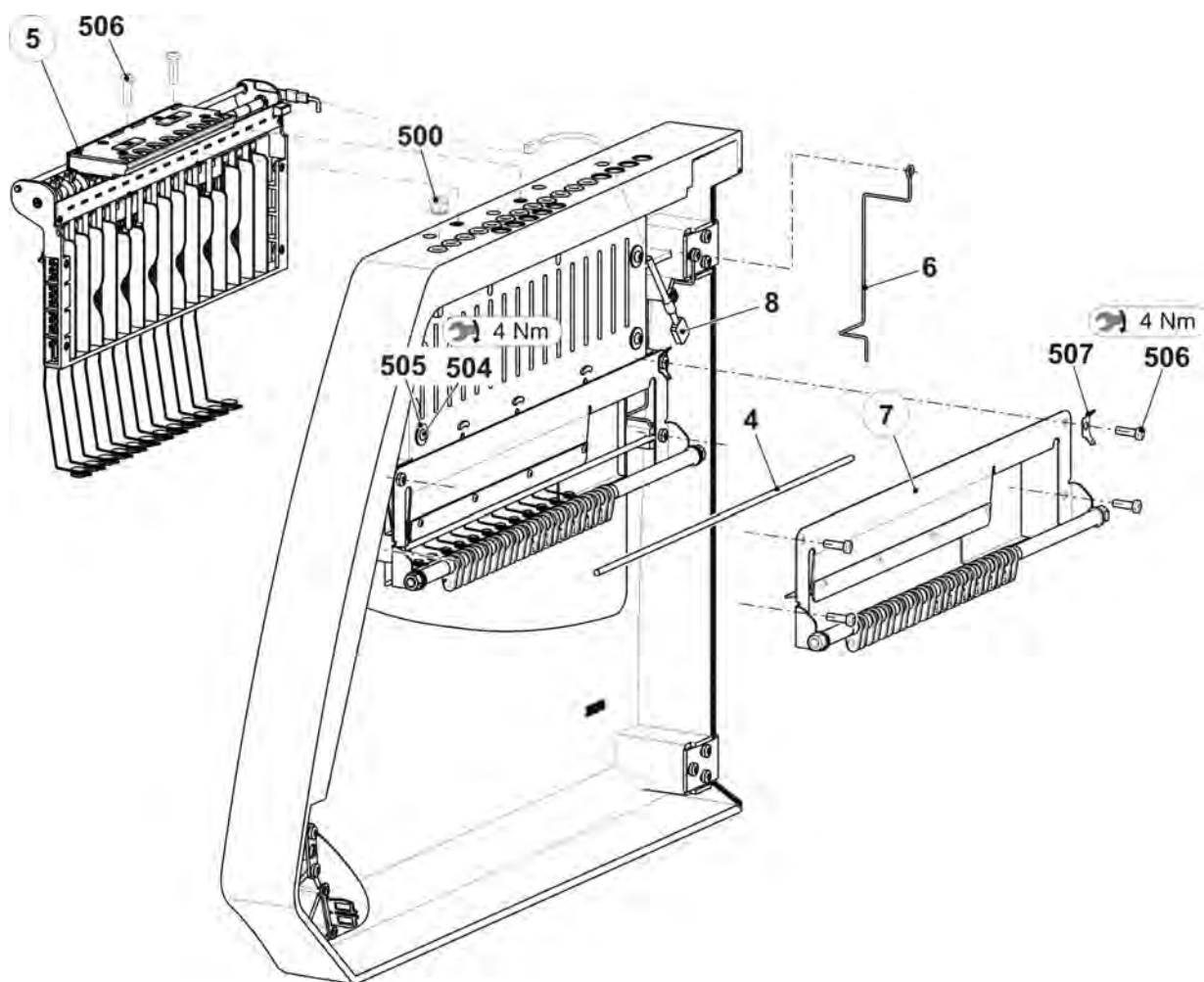
9.2 Yarn control device

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control device	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw	251 170	17	Jack	253 046
6	Yarn brake disk	216 365	18	Contact pin	253 047
7	Yarn holder	244 407	19	Contact pin	253 048
8	Sleeve	253 034	20	Contact pin	253 049
9	Compression spring	253 035	21	Contact pin	253 050
10	Pin	253 036	22	Compression spring	253 055
11	Trip cam	253 037	23	Turning knob	253 056
12	Tension spring	253 038	24	Disk	216 372



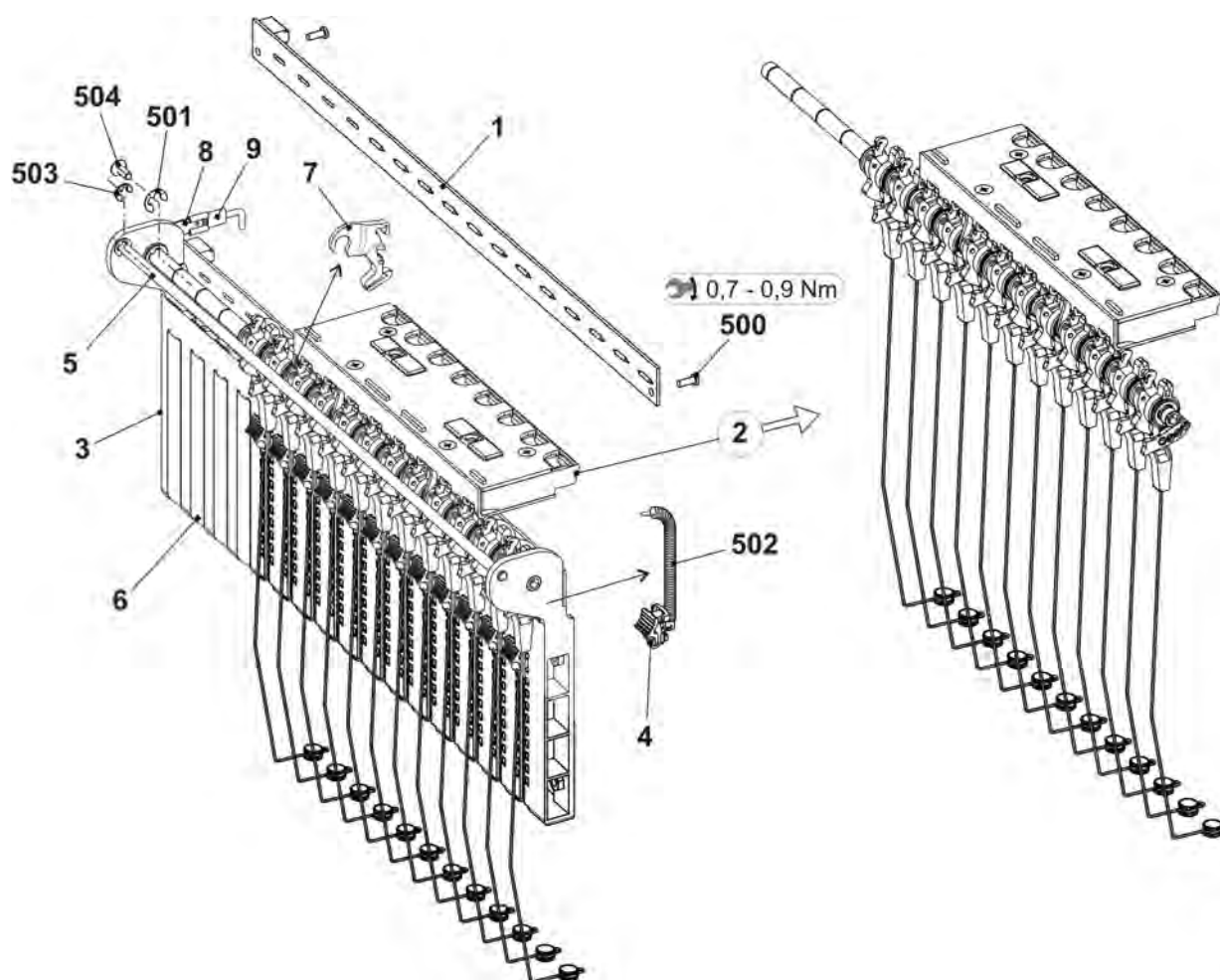
9.3 Left yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete				
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	265 328	7	Yarn deflector on the left complete	265 285
	E7 E8 E7m.8 E8m.7	265 329	8	Connection cable yarn tensionerokc	240 808
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the left complete		504	Pan-head screw M5x16	265 377
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	241 363	505	Washer 5,3x18x1,5	020 909
	E7 E8 E7m.8 E8m.7	241 364	506	Screw 6x20	265 379
6	Wire bow on the left	265 052	507	Flat connector 2x45° M6	243 117



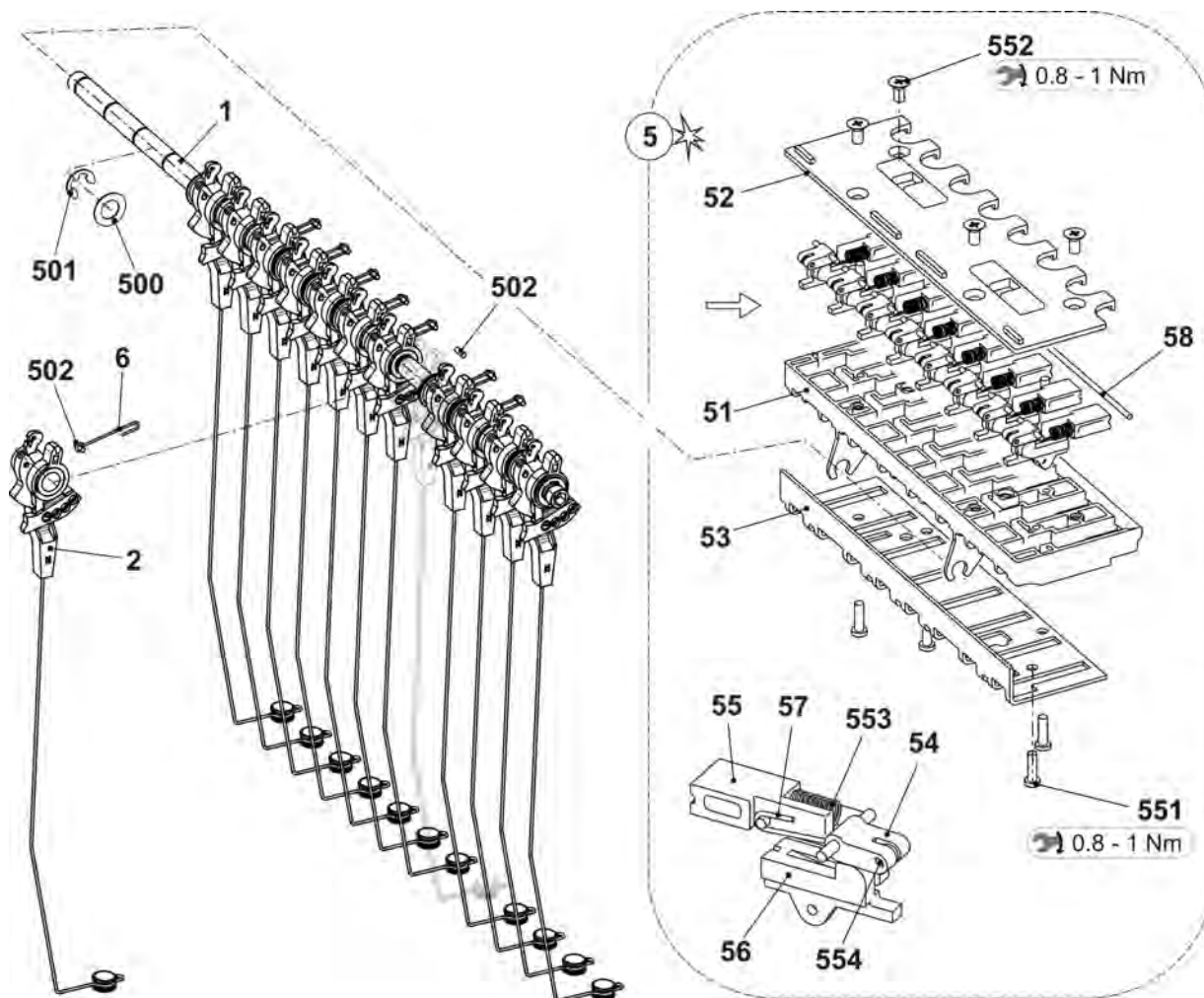
9.3.1 Left yarn tensioner

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the left complete		7	Spacer	242 048
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	241 363	8	Grounding plate of tension axle	243 121
	E7 E8 E7m.8 E8m.7	241 364	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	241 366	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2 Tension spring 4,9x0,5x53 E7 E8 E7m.8 E8m.7	023 502 023 503
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914
6	Border	242 268			



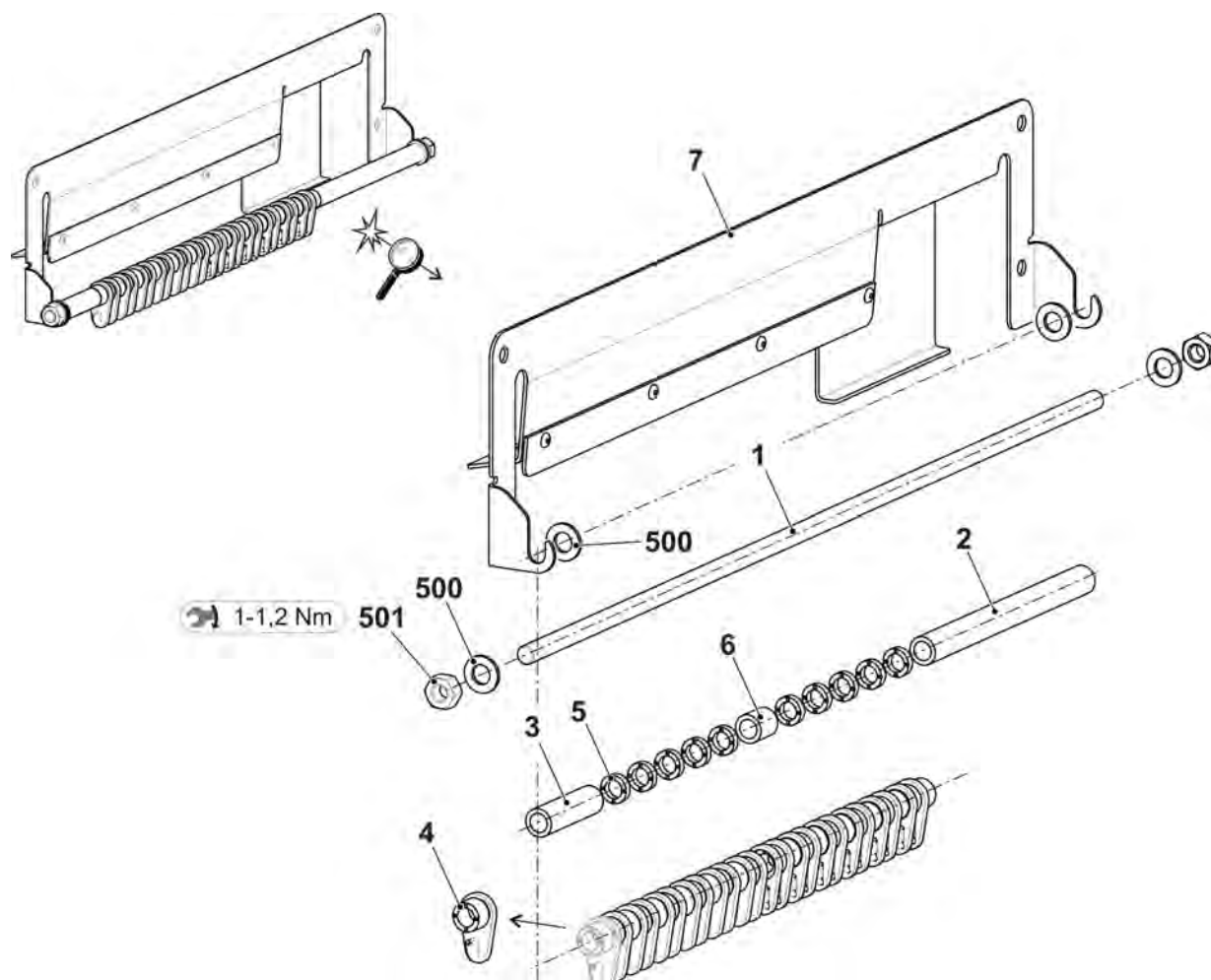
9.3.2 Left tension axle

Pos	Designation	Id	Pos	Designation	Id
Σ	Tension axle on the left complete E3-6	241 366	56	SliderAKF	238 691
1	Axle	243 107	57	Wire bow	238 694
2	Tension arm pre-assembledE3-8	259 448	58	Wire	237 940
6	Wire bow	238 694	551	Screw KB 35x12	237 681
5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	HousingAKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172
53	Sheet metal at the bottom (housing AKF)	240 719	500	Shim ring 8x14x0,5	023 501
54	Lever AKF	238 692	501	Circlip	021 022
55	Pressure piece AKF	238 690	502	Grooved pin 2x6	243 172



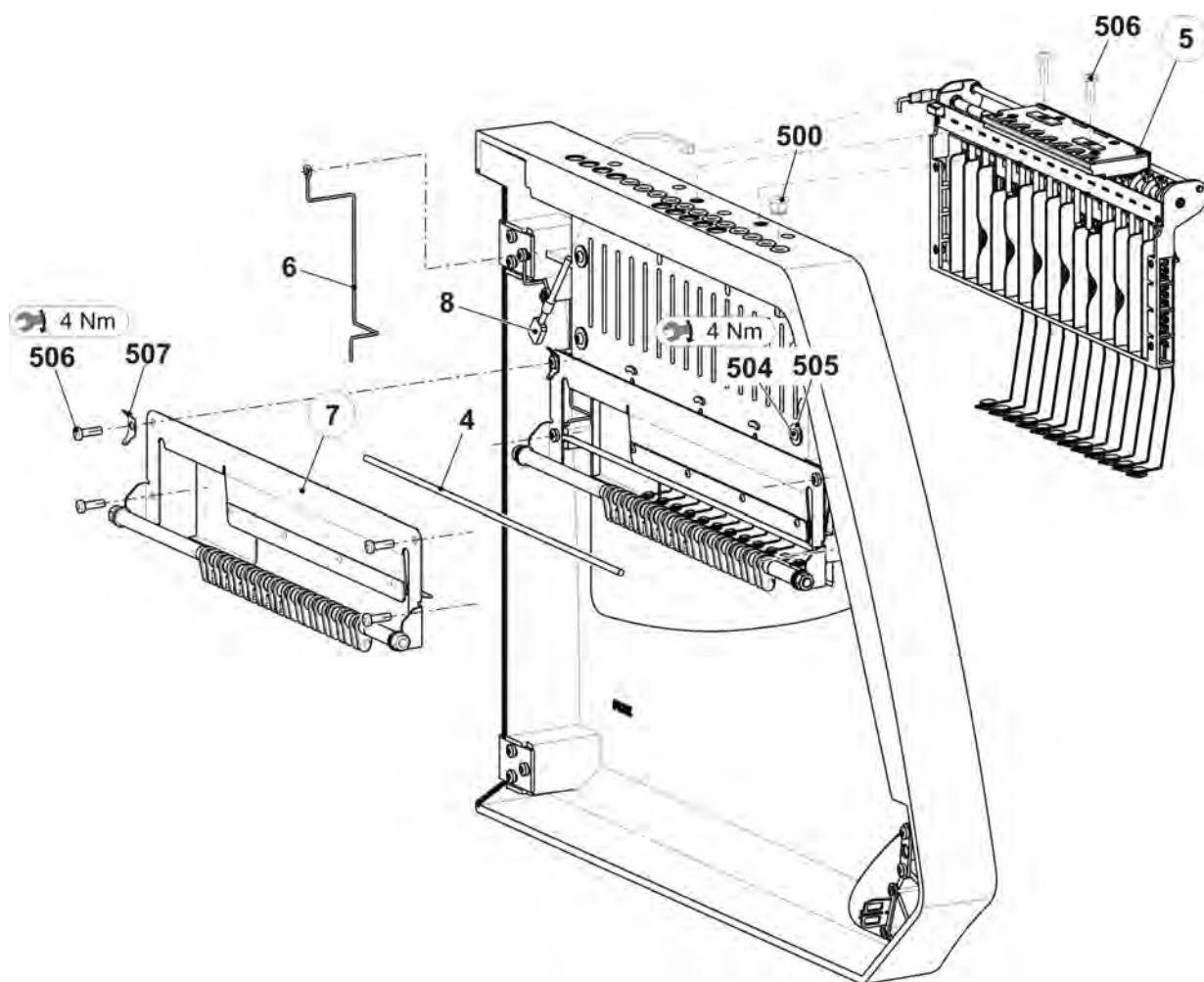
9.3.3 Yarn deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the left complete	265 285	5	Distance bushingE3-4	262 445
1	Axle	265 284	6	Distance bushing	264 997
2	Threaded spacer	265 282	7	Stop plate left complete	265 276
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10 E3-4	262 391	501	Hexagon nut M8-6	261 011



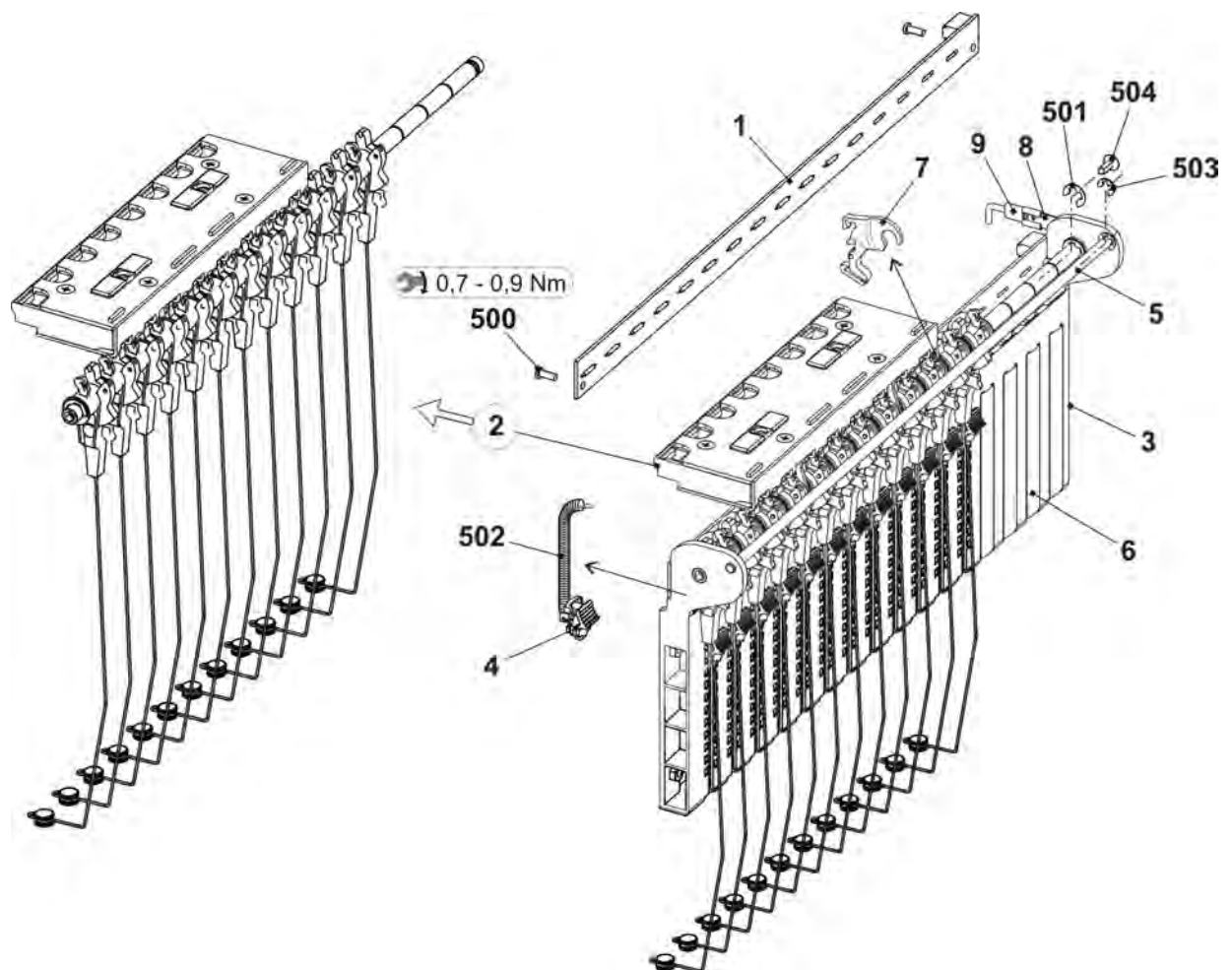
9.4 Right yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the right complete				
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	265 331	7	Yarn deflector on the right complete	265 356
	E7 E8 E7m.8 E8m.7	265 332	8	Connection cable yarn tensionerokc	240 808
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the right complete		504	Pan-head screw M5x16	265 377
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	241 382	505	Washer 5,3x18x1,5	020 909
	E7 E8 E7m.8 E8m.7	241 383	506	Screw 6x20	265 379
6	Wire bow on the right	265 053	507	Flat connector 2x45° M6	243 117



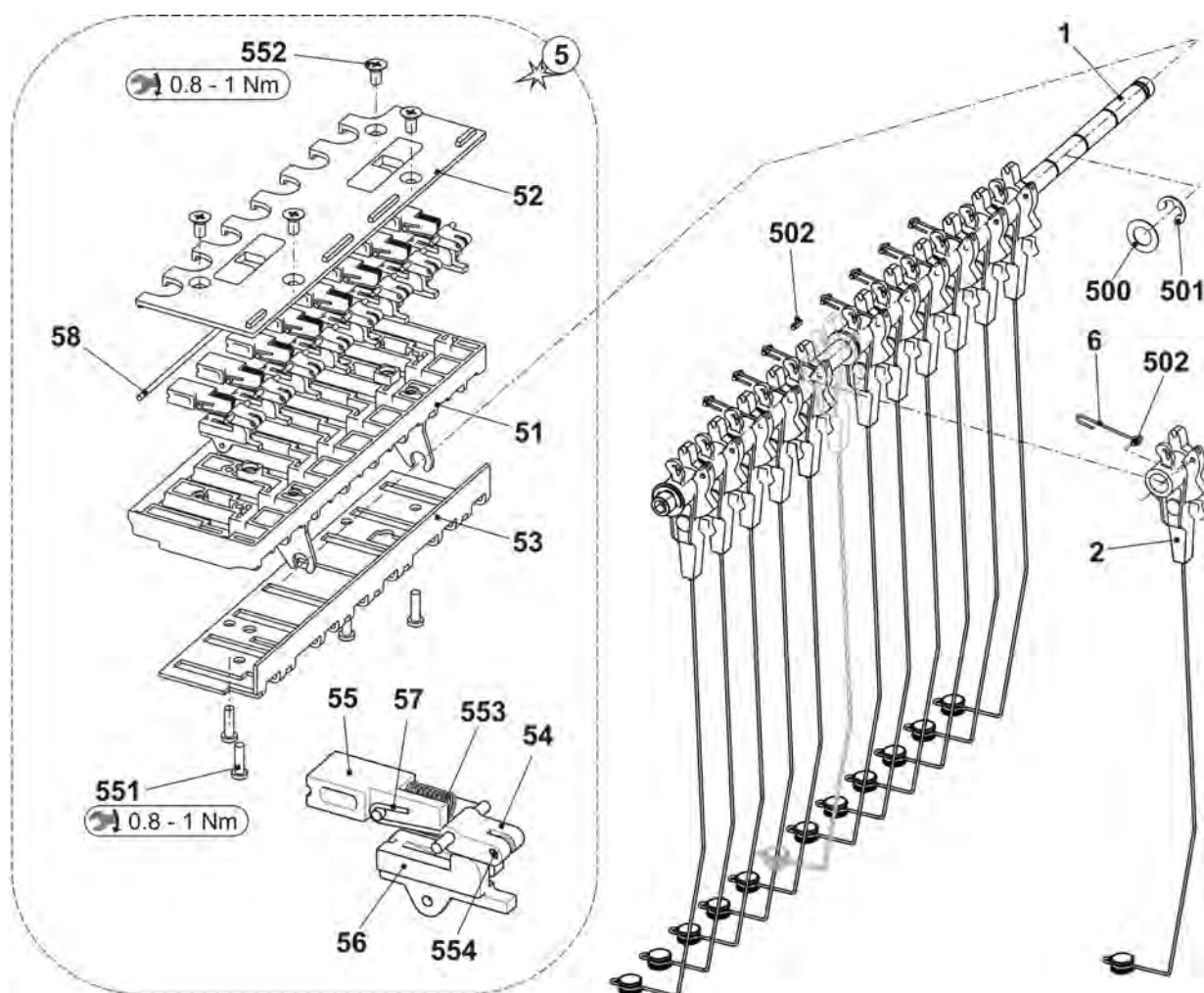
9.4.1 Right yarn tensioner

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the right complete		7	Spacer	242 048
	E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	241 382	8	Grounding plate of tension axle	243 121
	E7 E8 E7m.8 E8m.7	241 383	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	241 379	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 E5 E5m.4 E7m.5 E2,5.2 E2,5.2m.4L E3,5.2 E3,5.2m.4L E5.2	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 E7 E8 E7m.8 E 8m.7	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Border	242 268	504	Countersunk screw M4x10	241 914



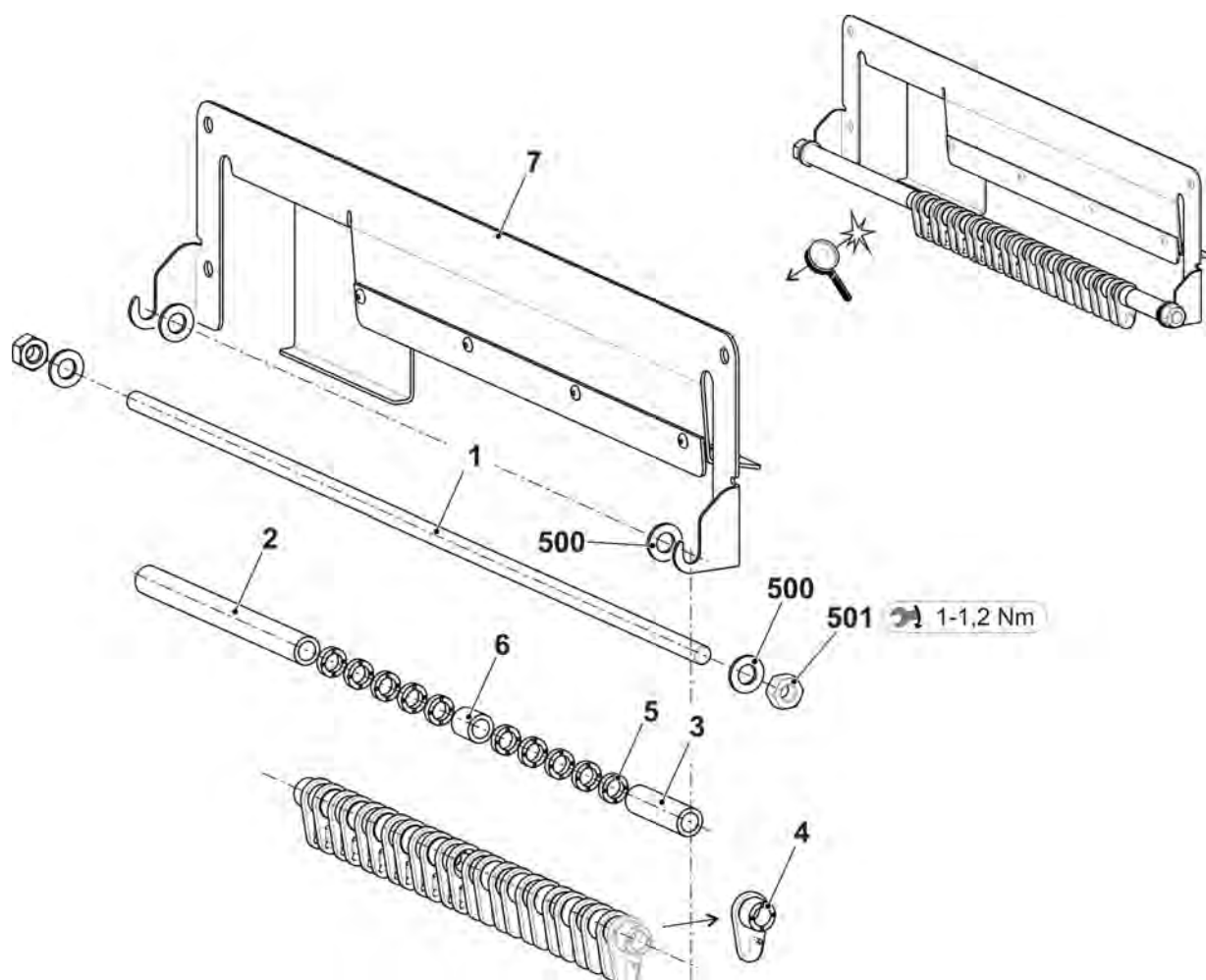
9.4.2 Right tension axle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle on the right completeE3-8	241 379	56	SliderAKF	238 691
1	Axle	243 107	57	Wire bow	238 694
2	Tension arm pre-assembledE3-8	259 448	58	Wire	237 940
6	Wire bow	238 694	551	Screw KB 35x12	237 681
5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	HousingAKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172
53	Sheet metal at the bottom (housing AKF)	240 719	500	Shim ring 8x14x0,5	023 501
54	Lever AKF	238 692	501	Circlip	021 022
55	Pressure piece AKF	238 690	502	Grooved pin 2x6	243 172



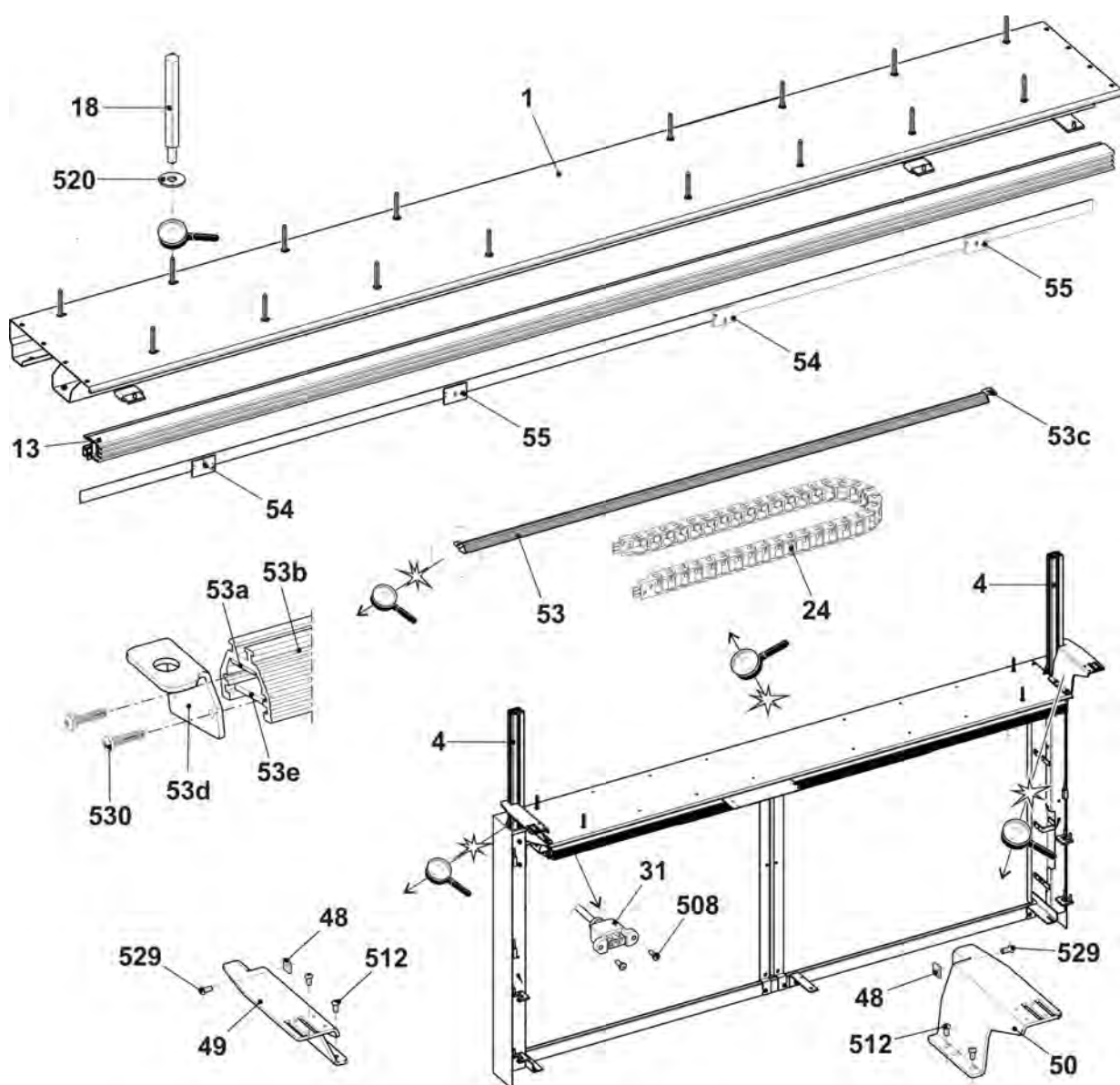
9.4.3 Yarn deflector on the right complete

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the right complete	265 356	5	Distance bushingE3-4	262 445
1	Axle	265 284	6	Distance bushing	264 997
2	Threaded spacer	265 282	7	Stop plate right complete	265 277
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10 E3-4	262 391	501	Hexagon nut M8-6	261 011



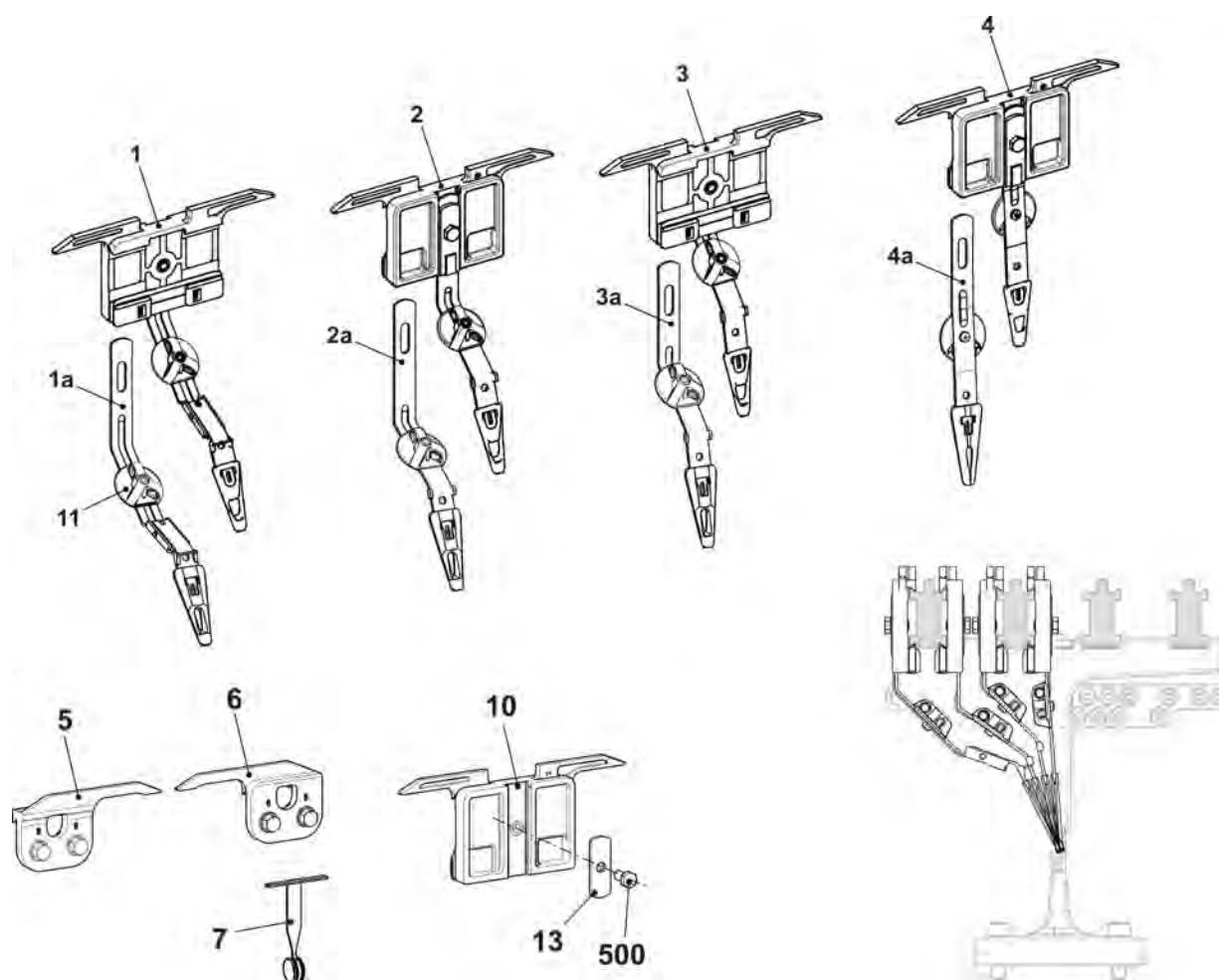
9.5 Bobbin board

Pos	Designation	Id	Pos	Designation	Id
Σ	Table complete 50"	240 241			
1	Table	251 244	53b	Support profile of lamp	263 644
4	Support element	228 594	53c	Support right	264 661
13	Guide rail at the top complete	264 763	53d	Support on the left	264 662
18	Positioning pin	204 819	53e	Cover	263 647
24	Energy chain display 38 links	253 888	530	Sheet metal screw ST2,2x9,5-F	263 824
31	Cable USB extension	253 706	54	Card safety door switch outside	264 696
48	Slot nut	228 851	55	Card safety door switch middle	264 695
49	Support of left feed wheel	264 453	508	Pan-head screw M3x8	023 251
50	Support of right feed wheel	264 454	512	Pan-head screw M8x16	023 113
53	Lamp LED complete	264 759	520	Washer 5	020 901
53a	Card LED-module	263 642	529	Pan-head screw M8x18	251 331



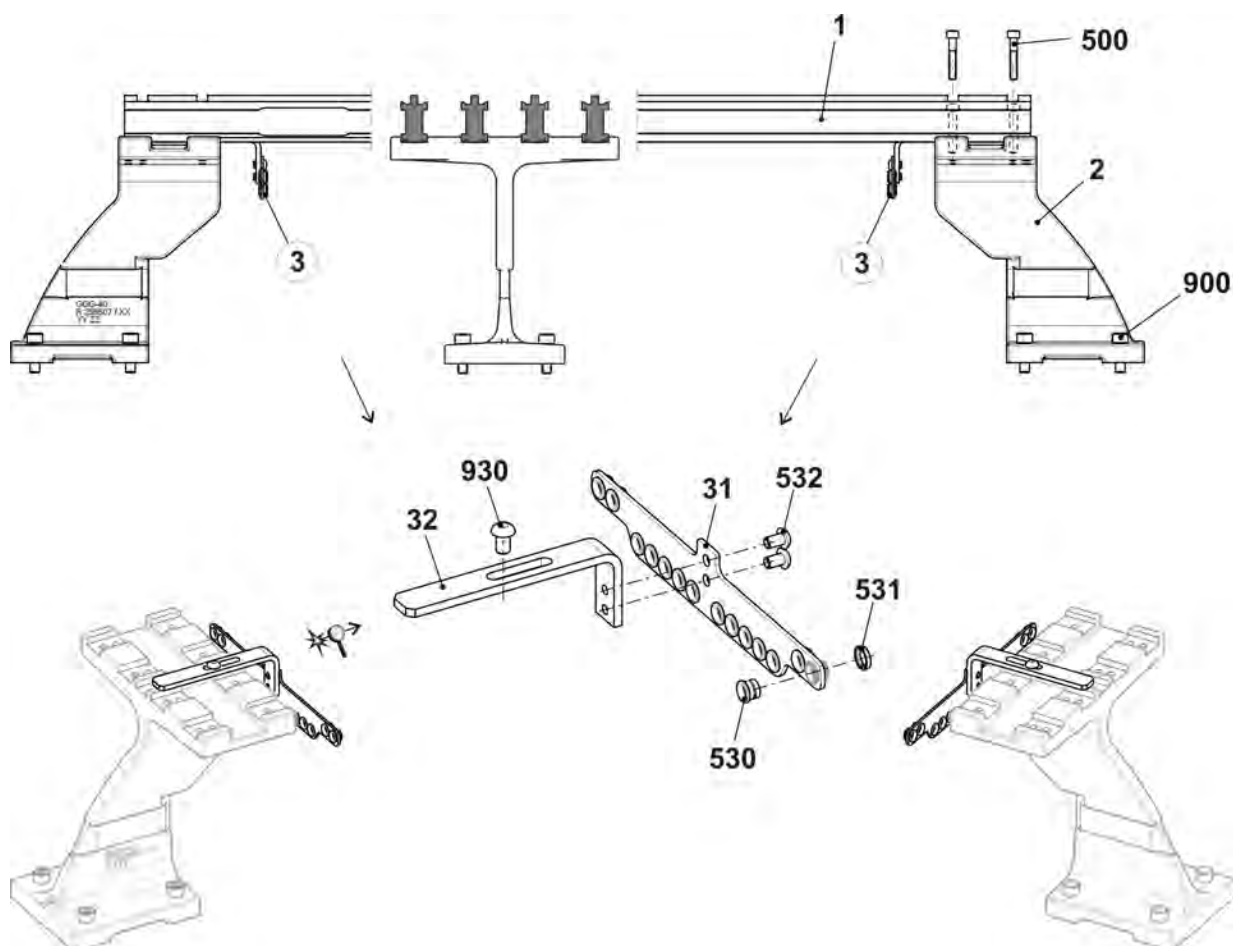
9.6 Yarn guide complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete				
	E5 E5m.4 E7m. 5 E2,5.2 E3,5.2 E5.2 E2,5.2m. 4L E3,5.2m.4L	244 007			
	E7 E8 E7m.8 E8m.7	244 008			
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2 E2,5.2m. 4L E3,5.2m.4L			E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2 E2,5.2m. 4L E3,5.2m.4L	
1	FF carriage 1+8 complete E5	243 935	1a	FF bow 1+8 complete E5	212 990
2	FF carriage 2+7 complete E5	243 934	2a	FF bow 2+7 complete E5	212 992
3	FF carriage 3+6 complete E5	243 933	3a	FF bow 3+6 complete E5	212 991
4	FF carriage 4+5 complete E5	243 932	4a	FF bow 4+5 complete E5	212 993
	E7 E8 E7m.8 E8m.7			E7 E8 E7m.8 E8m.7	
1	FF carriage 1+8 complete E7-8	243 939	1a	FF bow 1+8 complete E7-8	212 892
2	FF carriage 2+7 complete E7-8	243 938	2a	FF bow 2+7 complete E7-8	212 914
3	FF carriage 3+6 complete E7-8	243 937	3a	FF bow 3+6 complete E7-8	212 925
4	FF carriage 4+5 complete E7-8	243 936	4a	FF bow 4+5 complete E7-8	212 910
All gauges			All gauges		
5	Limiter on the left complete	244 099	11	Yarn guide star complete	209 257
6	Limiter on the right complete	244 098	13	Shim	213 035
7	Slider with eyelet	230 709	500	Hexagon screw M5x10	020 351
10	FF carriage complete	243 062			



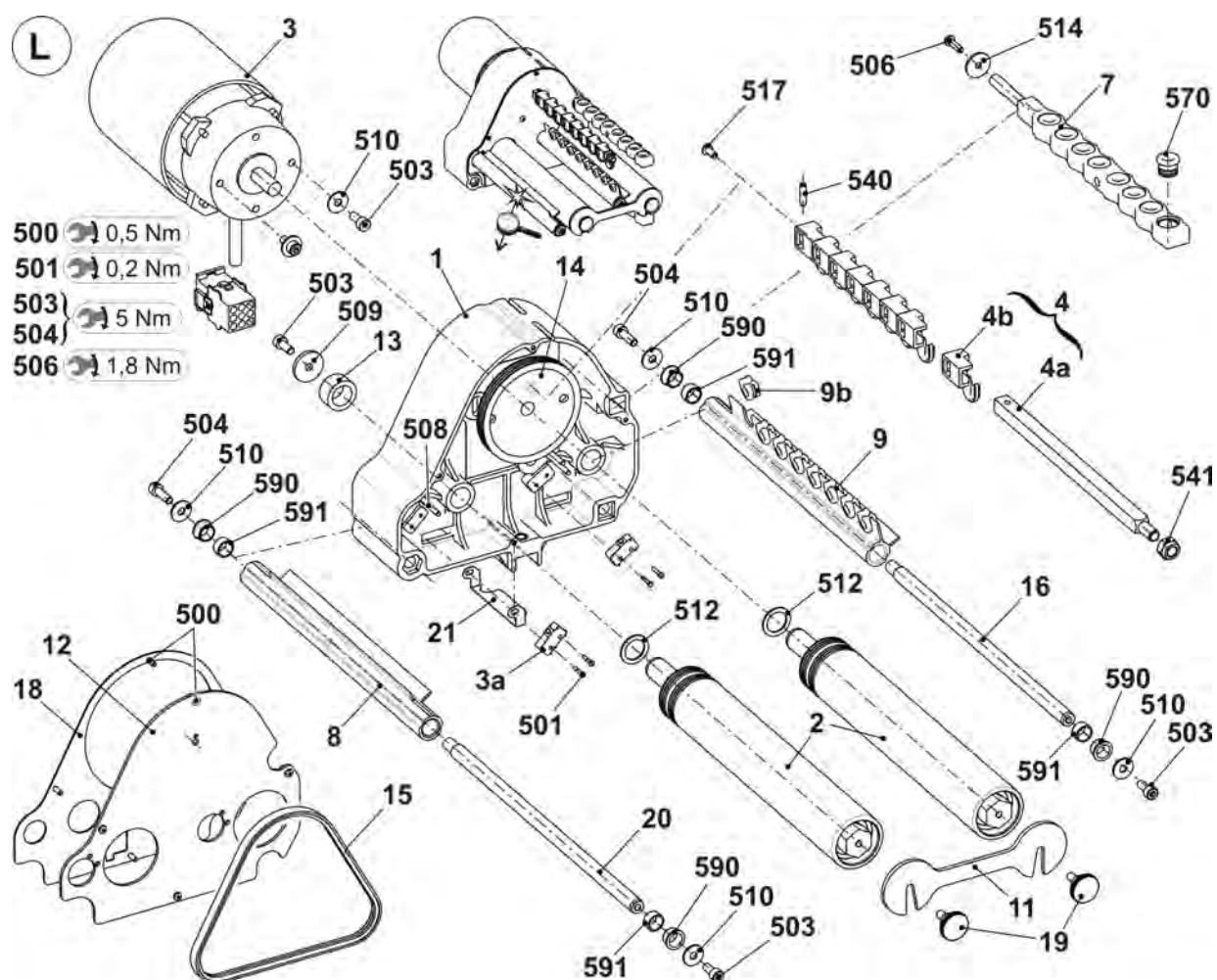
9.7 Bar unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Bar unit	250 971			
1	Yarn carrier rail	255 464	530	Eyelet 4,2	021 502
2	FF support	252 010	531	Clamping ring	259 606
3	Yarn guide bracket complete	265 433	532	Pan-head screw M5x8	239 408
31	Eyelet holder complete	265 434	930	Pan-head screw M6x10	023 183
32	Holding angle	259 574	500	Cap screw M6x35	020 139
			900	Cap screw M8x25	020 142



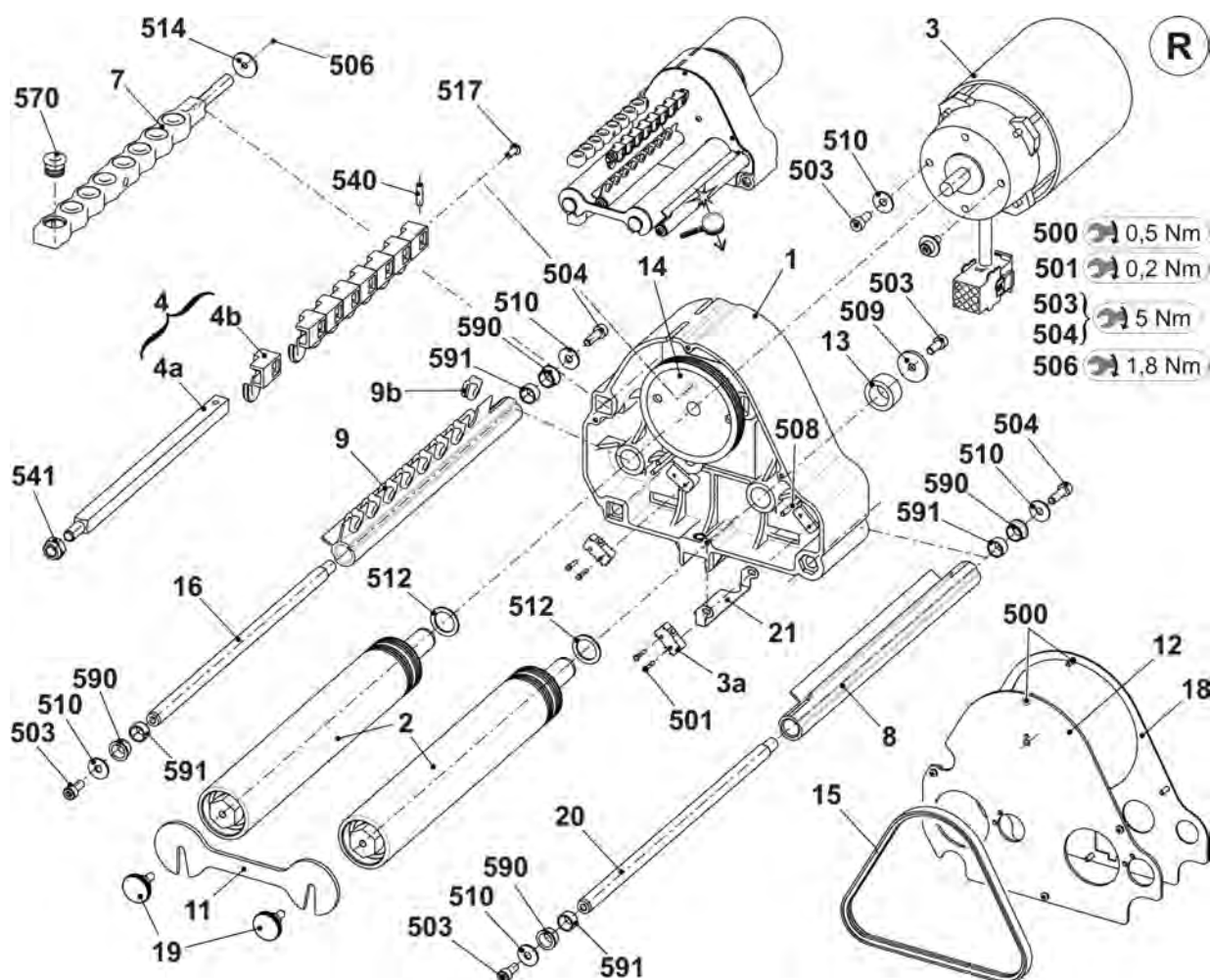
9.8 Left friction feed wheel

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel on the left	264 324	13	Bush	221 391
1	Housing	240 368	14	V-ribbed belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	18	Cover	230 758
4	Deflector complete 8-fold	250 089	19	Knurled screw	223 361
4a	Support rail	250 055	20	Rod	230 658
4b	Eyelet holder complete	250 077	21	Grounding plate	256 622
540	Spring dowel sleeve 4x16	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	265 445
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	508	Dowel pin3M6x40	023 528
9b	Eyelet	230 662	509	Washer 5,3x22x2,5	023 219
590	Slide bearing	023 627	510	Washer 5	020 901
591	Guide piece	259 453	512	Shim ring 15x21x1	023 216
11	Bracket	221 316	514	Washer 4,3x18x1,5	020 908
12	Cover	251 098	517	Pan-head screw M4x8	023 579

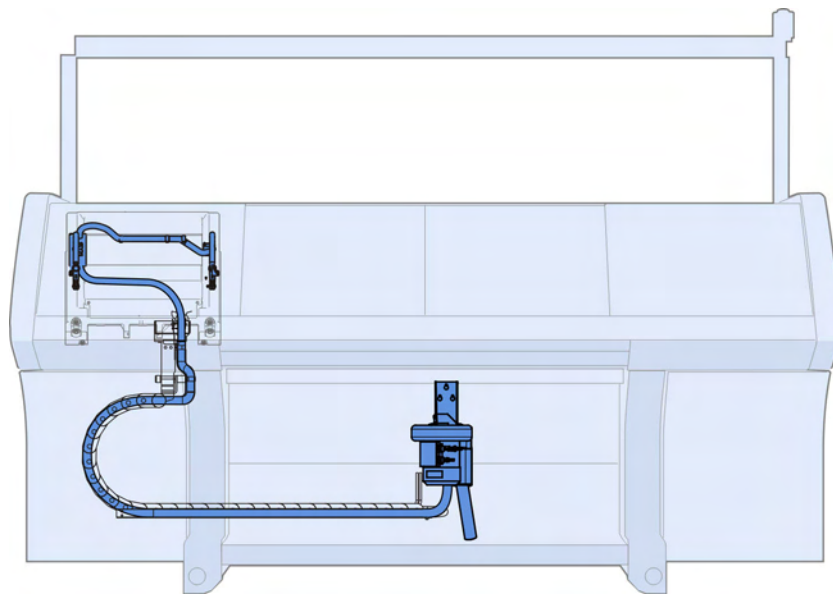


9.9 Right friction feed wheel

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel on the right	264 325	13	Bush	221 391
1	Housing	240 368	14	V-ribbed belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	18	Cover	230 758
4	Deflector complete 8-fold	250 089	19	Knurled screw	223 361
4a	Support rail	250 055	20	Rod	230 658
4b	Eyelet holder complete	250 077	21	Grounding plate	256 622
540	Spring dowel sleeve 4x16	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	265 445
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	508	Dowel pin3M6x40	023 528
9b	Eyelet	230 662	509	Washer 5,3x22x2,5	023 219
590	Slide bearing	023 627	510	Washer 5	020 901
591	Guide piece	259 453	512	Shim ring 15x21x1	023 216
11	Bracket	221 316	514	Washer 4,3x18x1,5	020 908
12	Cover	251 098	517	Pan-head screw M4x8	023 579

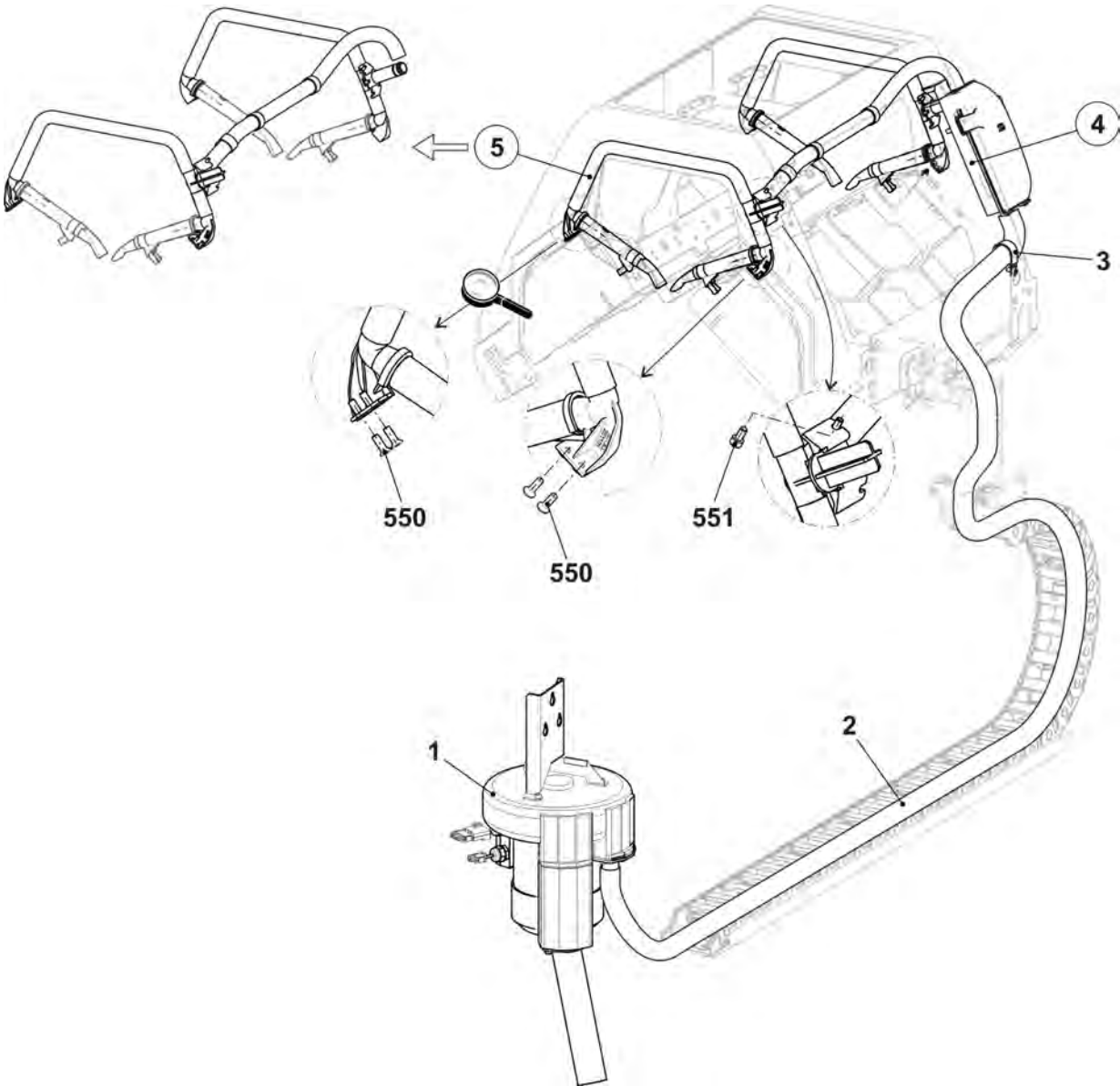


10 Fluff absorption



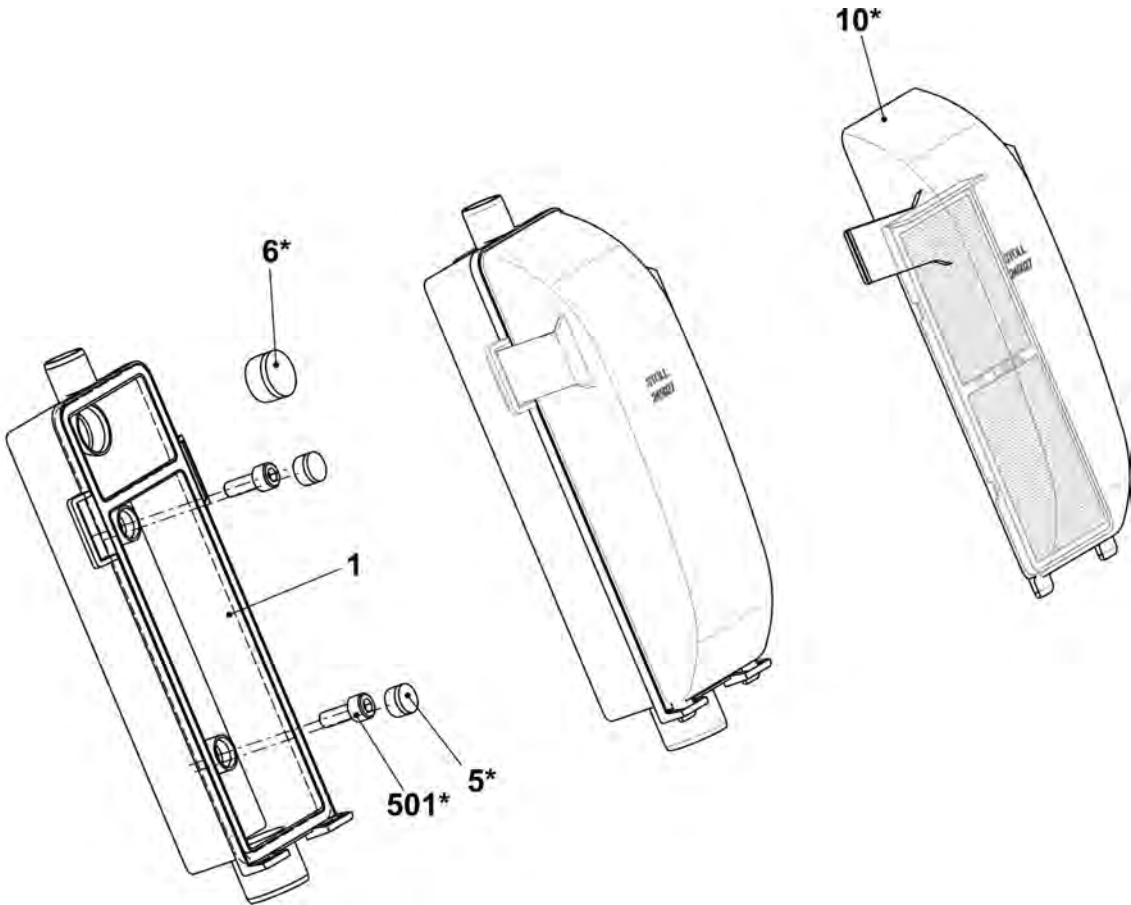
10.1 Fluff absorption

Pos	Designation	Id	Pos	Designation	Id
Σ	Fluff absorption		4	Lint container	245 024
1	Suction fan complete	259 004	5	Set of hose complete	251 339
2	Suction hose 29x25x2800	252 627	550	Countersunk head screw M4x12	023 062
3	Cable clip	250 051	551	Cap screw M4x8	022 501



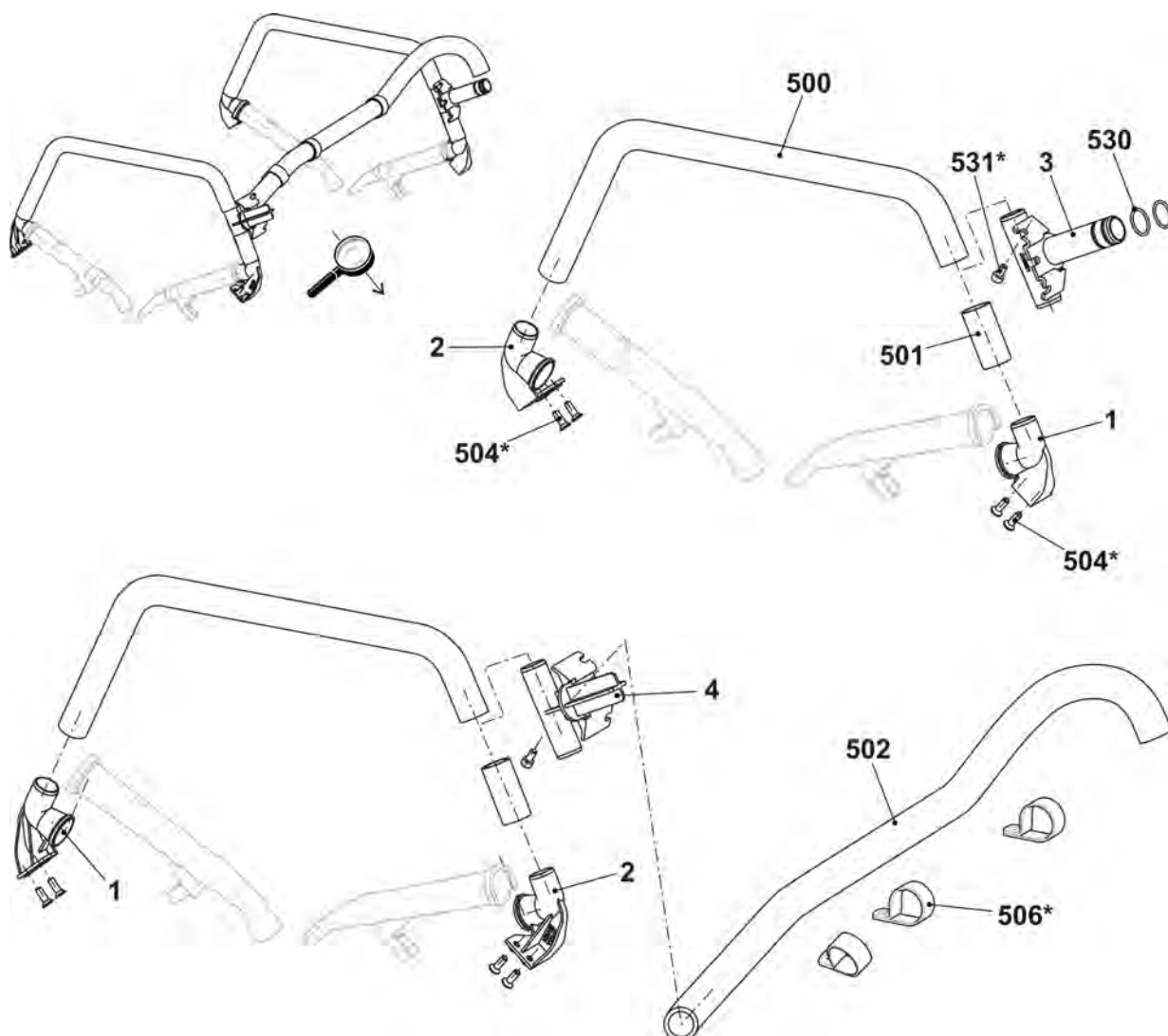
10.1.1 Lint container

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 screwM6x10	023 690



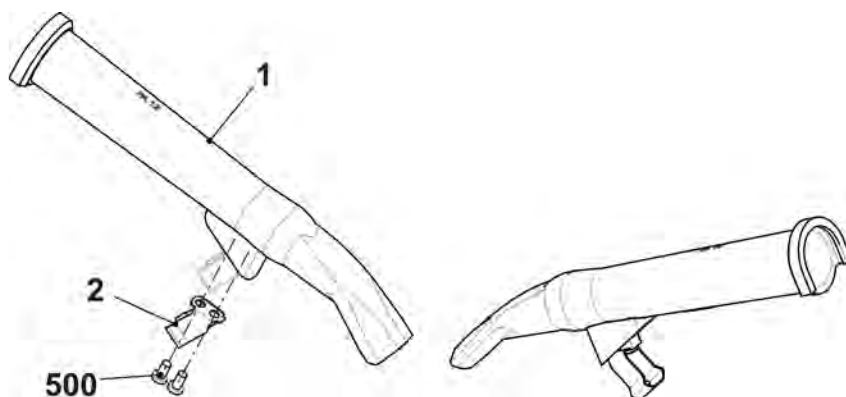
10.1.2 Set of hose

Pos	Designation	Id	Pos	Designation	Id
Σ	Set of hose complete 530/520C	251 339	4	Connection piece Flent	245 022
1	Angle connection on the right	250 121	500	Suction hose 20x16x400	244 983
2	Angle connection on the left	251 101	501	Suction hose 20x16x40	251 043
3	T-piece FLENT	245 021	502	Suction hose 20x16x570	251 044
530	O-ring 15x1,5	250 054	504*	Countersunk head screw M4x12	023 062
531*	Cap screw M4x8	022 501	506*	Cable clip	250 051

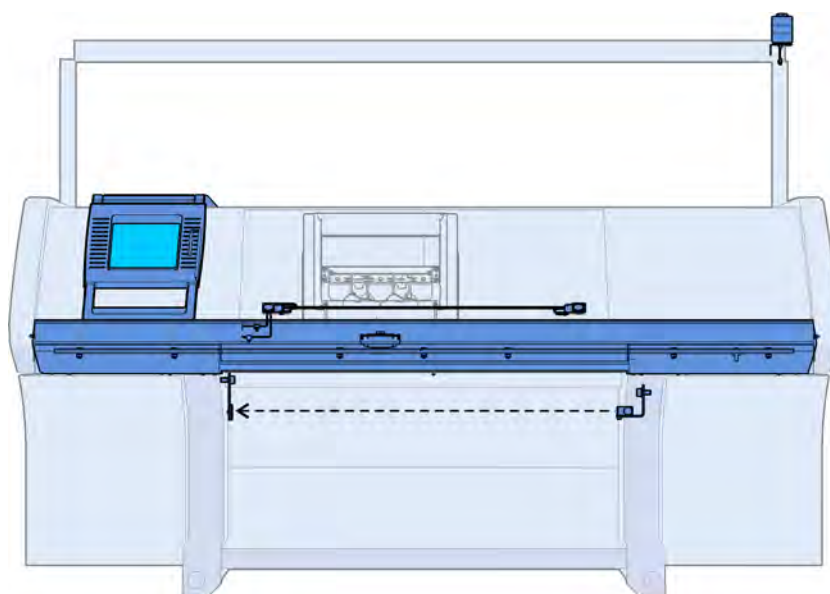


10.1.3 Suction tube

Pos	Designation	Id	Pos	Designation	Id
Σ	Suction tube complete E5-14	251 310	2	Bracket	255 627
1	Suction tube (E5-14)	255 386	500	Screw KB30x6	241 424

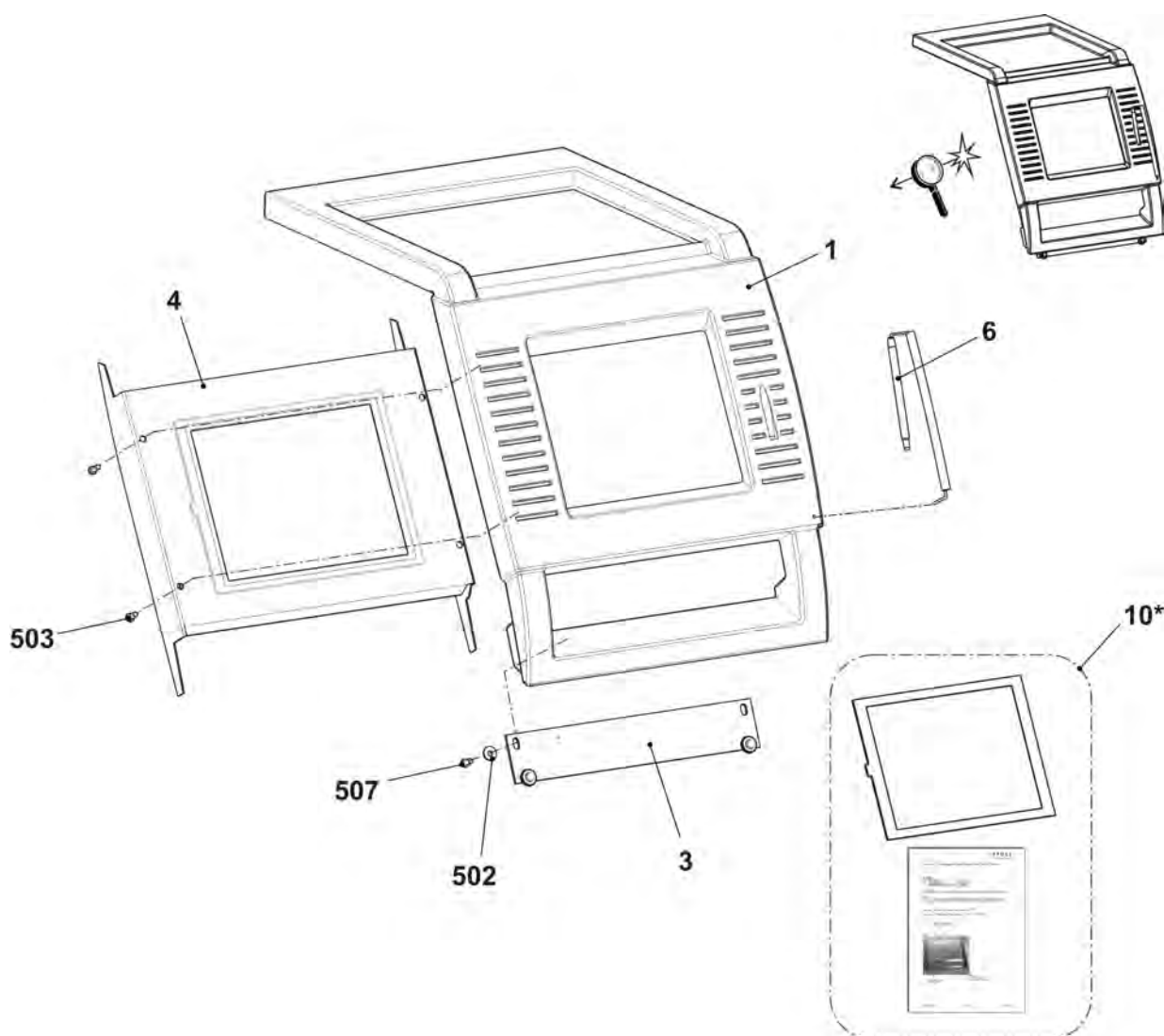


11 Operation and control



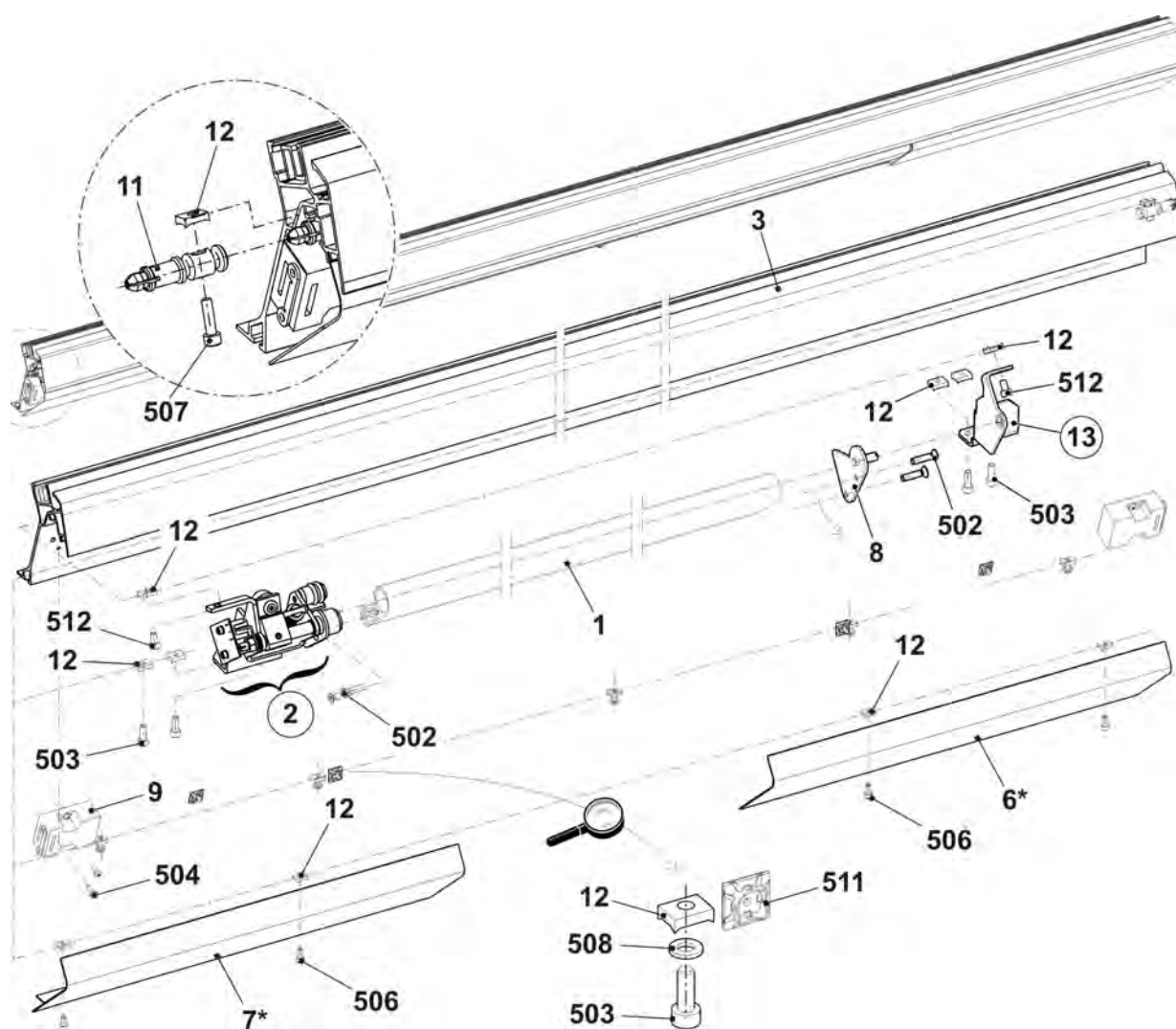
11.1 Input unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Input unit complete	240 194			
1	Base frame	240 195	10*	Touch panel spare parts package	244 554
3	Bearing strip complete	240 198	502	Washer	020 901
4	Display touch complete	250 298	503	Screw KB 50x12	240 359
6	Touch pen	242 812	507	Screw KB 50x15	251 728



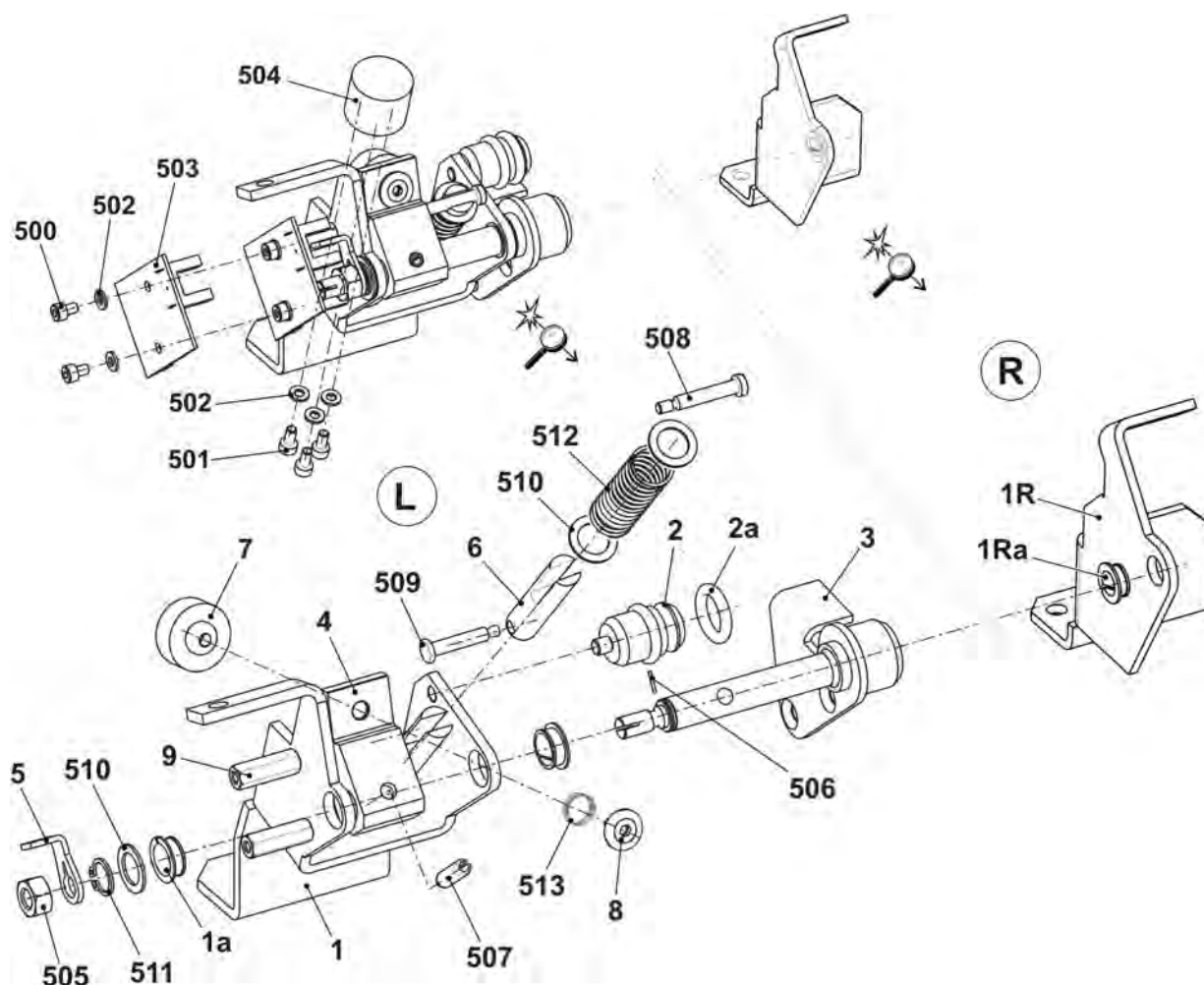
11.2 Starting device

Pos	Designation	Id	Pos	Designation	Id
Σ	Starting device complete	240 306			
1	Engaging rod	240 227	13	Bearing on the right	264 800
2	Bearing on the left complete	250 071	502	Screw M6x25	023 510
3	Guide rail at the bottom complete	257 309	503	Cap screw M6x16	020 135
6*	Cover plate on the right	250 931	504	Pan-head screw M5x14	023 588
7*	Cover plate on the left	250 932	506	Cap screw M6x12	020 134
8	Bearing on the right complete	265 444	507	Cap screw M6x20	020 136
9	Switch with cable to safety doors	223 350	508	Washer	020 872
11	Locating bolt	219 107	511	Cable holder	262 037
12	Sliding nut (slot nut)	225 099	512	Cap screw M6x10	023 690



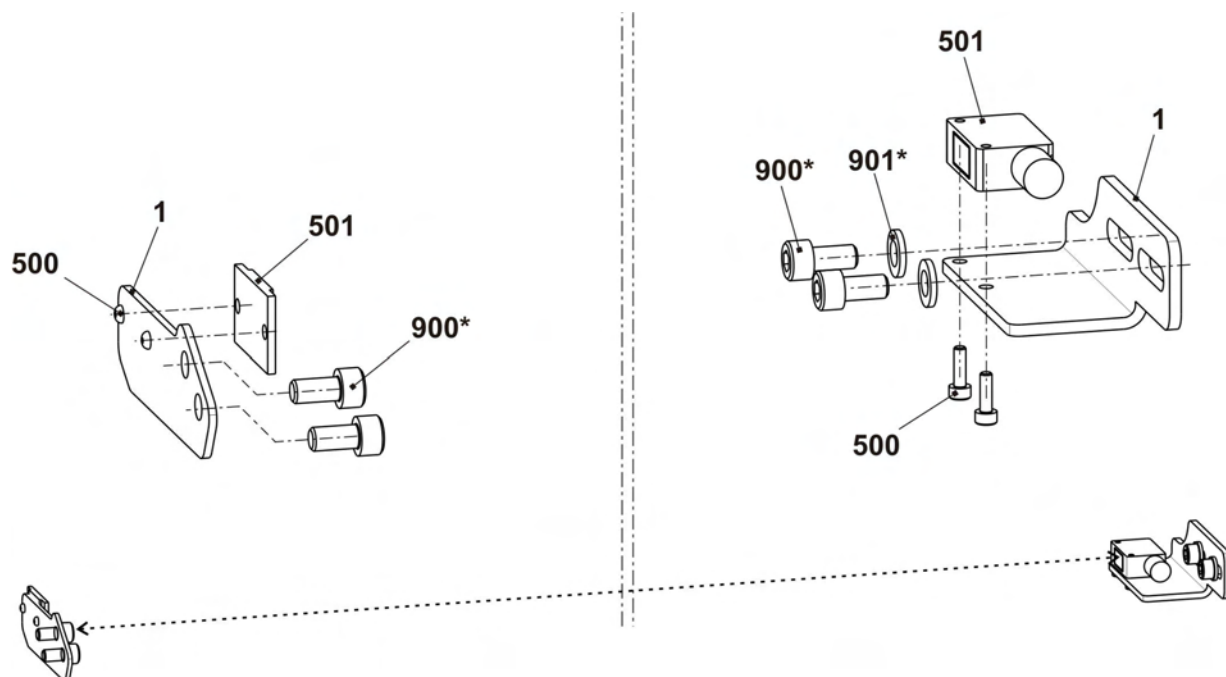
11.2.1 Bearing of the engaging rod

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Bearing on the left complete	250 071	502	Shim ring 4x8x1	023 369
1	Bearing on the left	245 218	503	Card engaging	259 000
1a	Clip bearing MCM 12-04	023 639	504	Adhesive magnet direct current	026 233
2	Support of buffer	220 561	505	Hexagon nut M8-6	020 838
2a	O-ring 14x4	023 237	506	Dowel pin 1,5x8	236 923
3	Shaft on the left	245 219	507	Spring dowel sleeve 6x20	023 719
4	Rotor	253 776	508	Shoulder screw M4x24,8x7,7	240 299
5	Switch flag	245 220	509	Shoulder screw	251 316
6	Spring mandrel	251 340	510	Shim ring 12x18x1	023 315
7	Disk	245 222	511	Retaining ring 12x1	020 951
8	Shoulder screw	254 528	512	Compression spring 1,25x15x98,2	023 609
9	Distance bolt	240 287	513	Compression spring 0,5x11x20,21	265 082
500	Cap screw M4x6	023 067	1R	Bearing on the right	264 800
501	Cap screw M4x8	022 501	1Ra	Clip bearing MCM 08-03	253 072



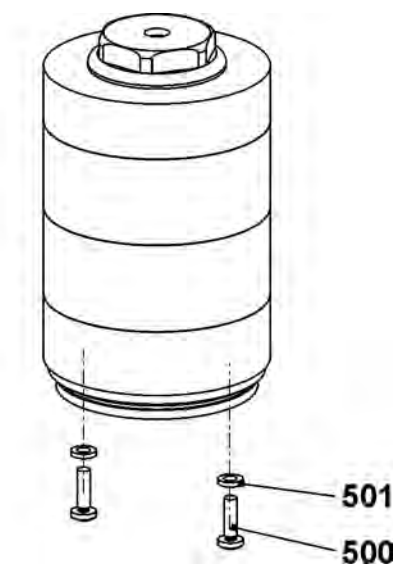
11.3 Control of Collecting Area

Pos	Designation	Id	Pos	Designation	Id
Σ	Reflector complete	256 826	Σ	Light barrier complete	256 825
1	Mounting plate reflector	256 675	1	Holding angle light barrier	256 674
500	Blind rivet A3x8-Al	023 158	500	Cap screw M3x10	022 991
501	Reflector 20x20 mm	243 356	501	Light barrier WI100-P4330	243 355
900*	Cap screw M6x12	020 134	900*	Cap screw M6x12	020 134
			901*	Washer 6	020 872



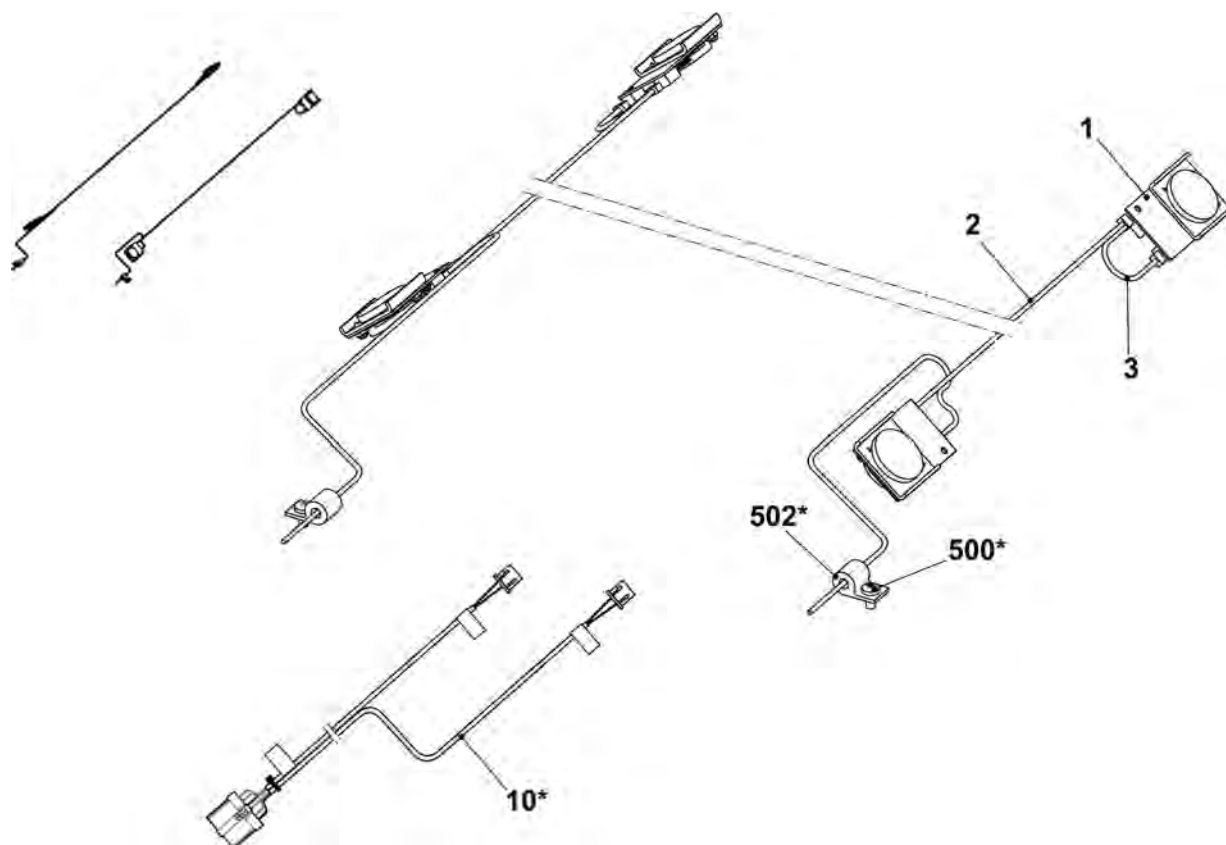
11.4 Signal light

Pos	Designation		Id	Pos	Designation		Id
Σ	Signal light LED		240 395				
	500	Pan-head screw M4x14	023 037				
	501	Serrated lock washer A4,3-FS	022 482				



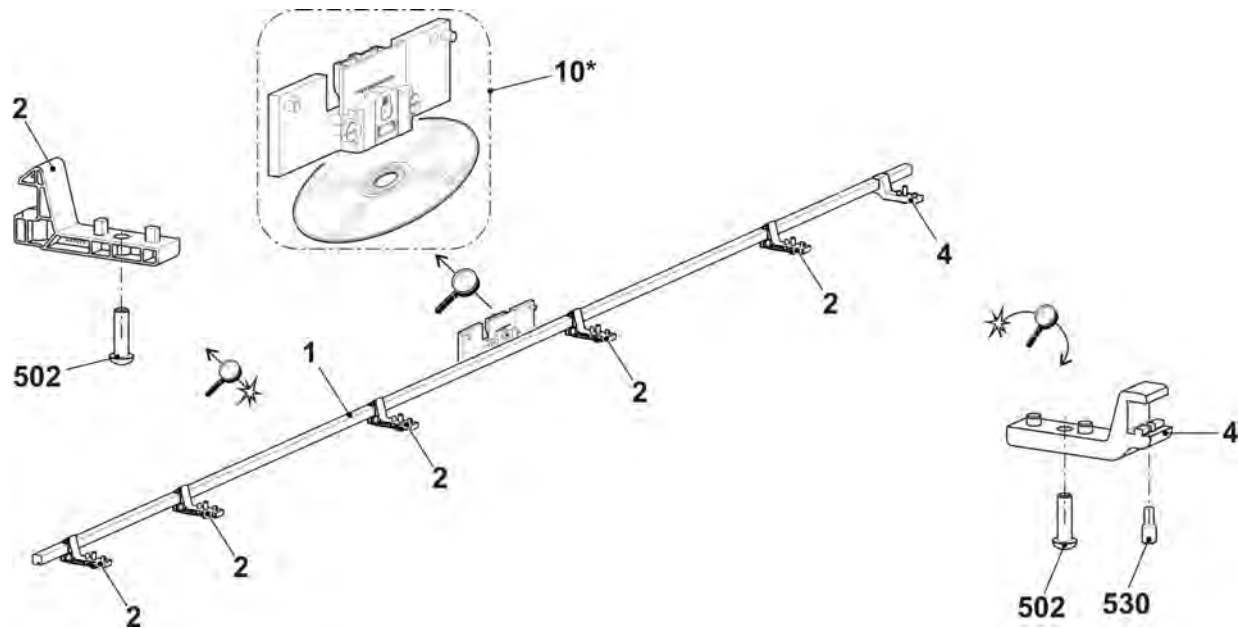
11.5 Shock stop motion

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 NBOKC	240 518
2	Connecting cable piezo sensor	220 061	500*	Pan-head screw M4x8	023 036
3	End plug piezo sensor	220 053	502*	Cable clip N-3B, 5 mm	210 729



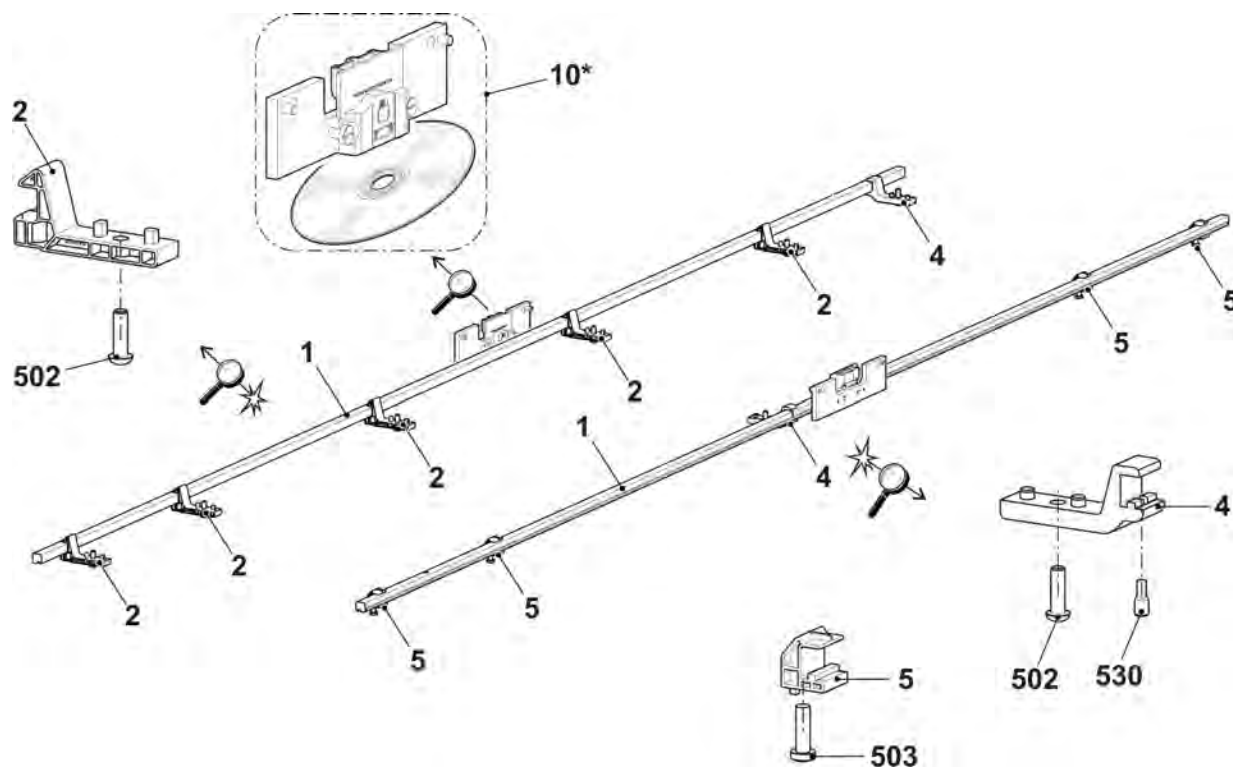
11.6 Measuring device E5 | E7 | E8 | E2,5.2 | E3,5.2 | E5m.4 | E7m.
5 | E7m.8 | E8m.7 | E2+3,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
Σ	Measuring device				
1	Measuring bar	263 743	10*	Spare parts package impulse sensor GLM OH	266 961
2	Guide	251 676	502	Pan-head screw	241 603
4	Guide	240 672	530	Setscrew	230 803

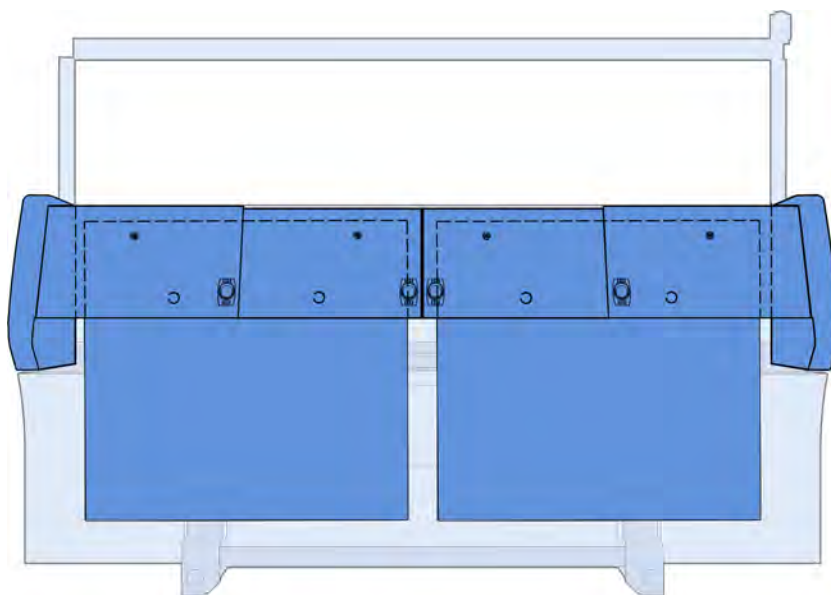


11.7 Measuring device E5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Measuring device				
1	Measuring bar	263 743	10*	Spare parts package impulse sensor GLM OH	266 961
2	Guide	251 676	502	Pan-head screw	241 603
4	Guide	240 672	503	Screw 60x20	243 625
5	Guide outside	251 605	530	Setscrew	230 803

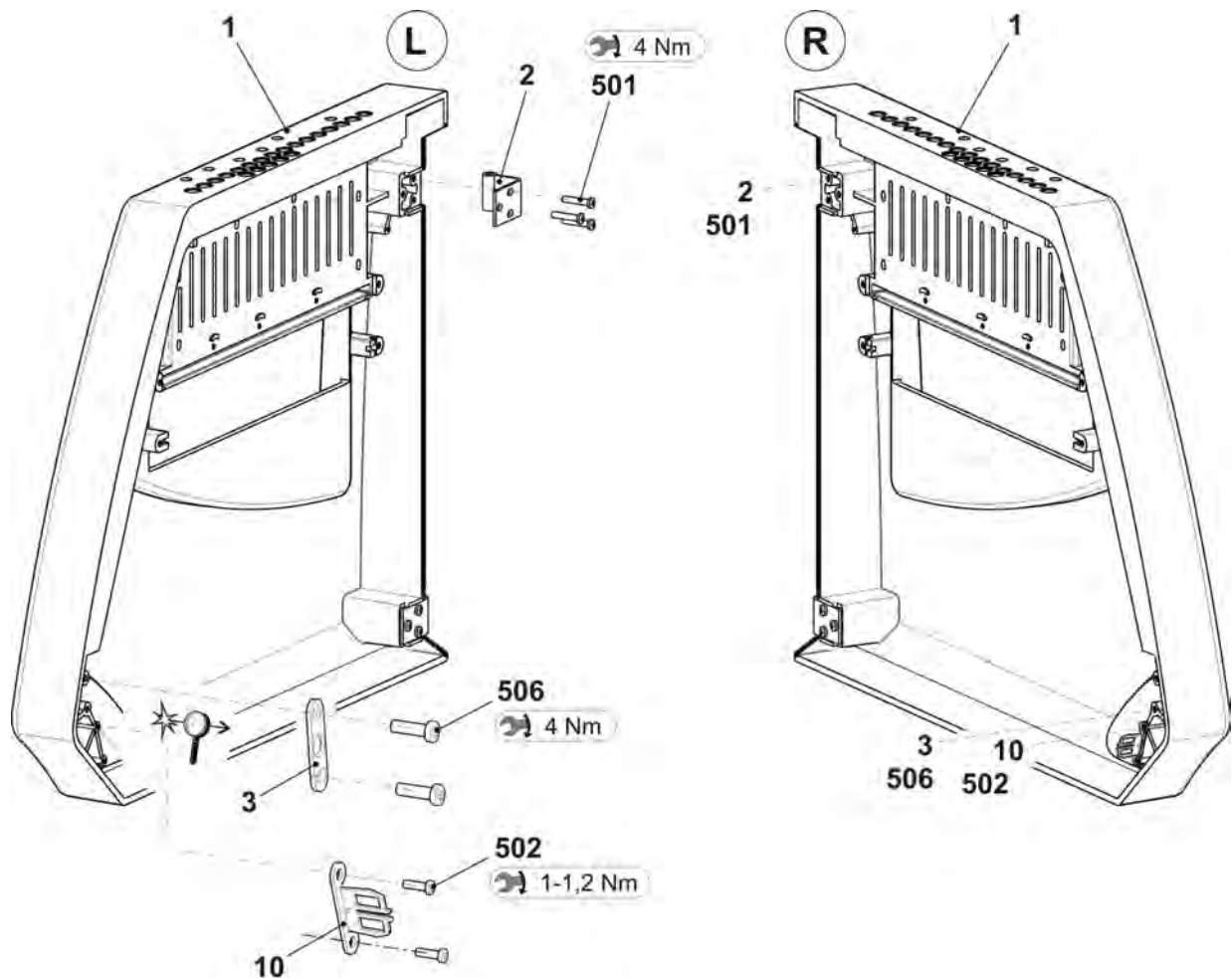


12 Protective devices



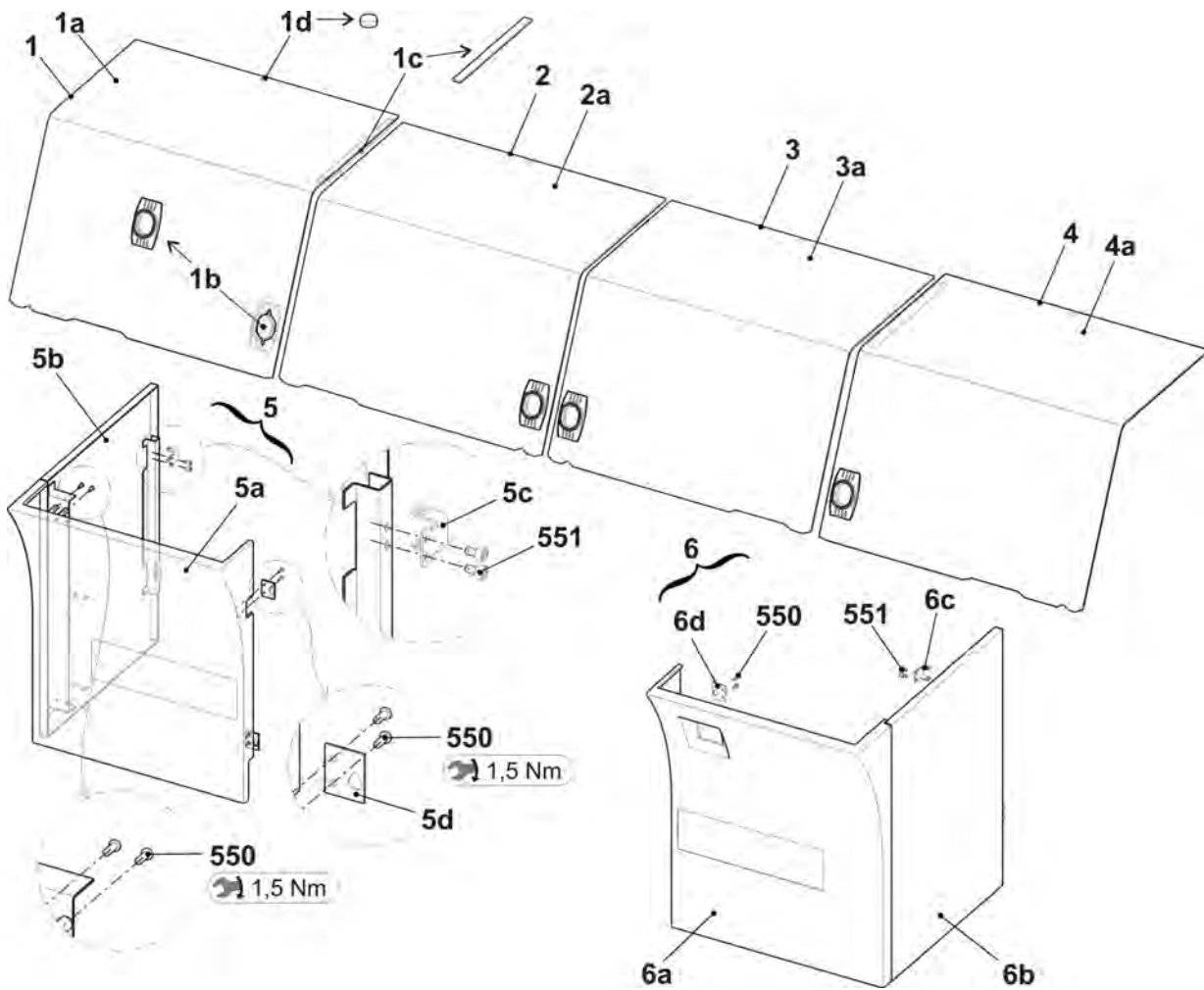
12.1 Lateral safety doors

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the left		Σ	Safety door on the right	
1	Safety door on the left	265 278	1	Safety door on the right	265 279
2	Hinge	263 939	2	Hinge	263 939
4	Locking plate	219 748	4	Locking plate	219 748
10	ActuatorAZ 15/16	255 492	10	ActuatorAZ 15/16	255 492
501	Screw 6x30	265 380	501	Screw 6x30	265 380
502	Screw 4x16	263 995	502	Screw 4x16	263 995
506	Screw 6x20	265 379	506	Screw 6x20	265 379



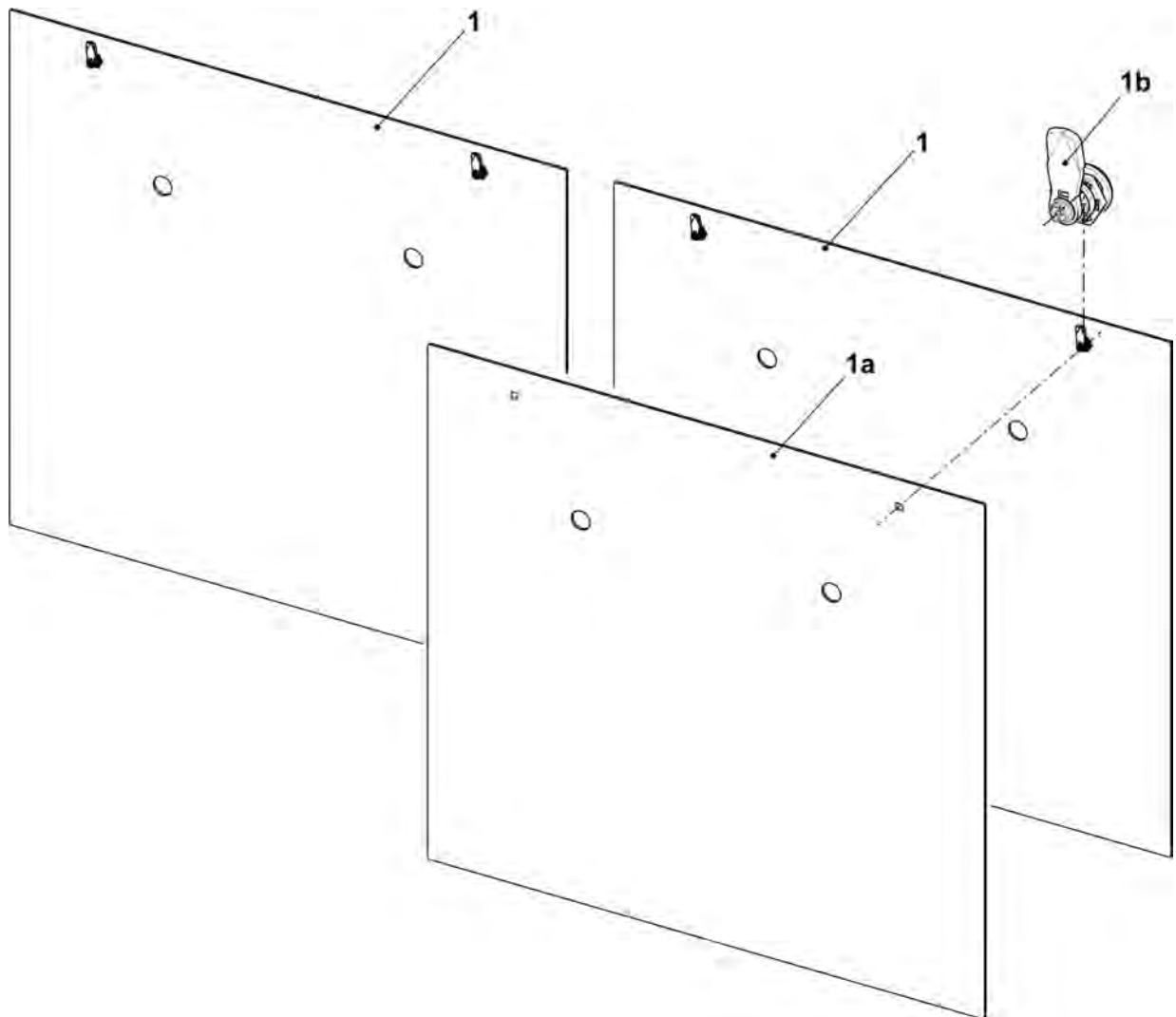
12.2 Panelling

Pos	Designation	Id	Pos	Designation	Id
1	Cover 1 complete	264 573	3	Cover 3 complete	264 577
	1a Cover 1	264 572		3a Cover 3	264 576
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	264 015		1d Magnet	264 015
2	Cover 2 complete	264 575	4	Cover 4 complete	264 579
	2a Cover 2	264 574		4a Cover 4	264 578
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	264 015		1d Magnet	264 015
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 Bracket	240 412		6d Bracket	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

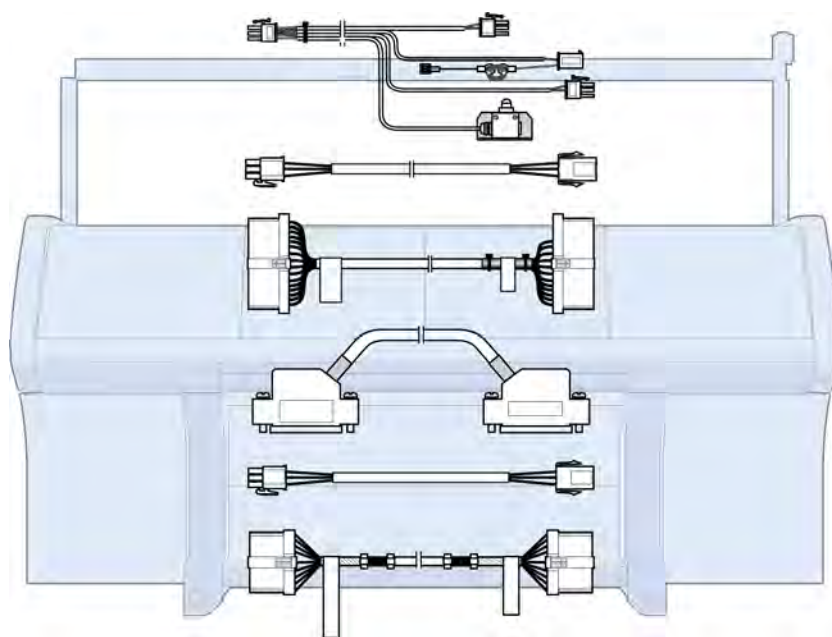


12.3 Rear panel

Pos	Designation	Id	Pos	Designation	Id
1	Panelling at the rear complete	257 668	1a	Panelling	257 662
			1b	Safety sash fastener	243 052



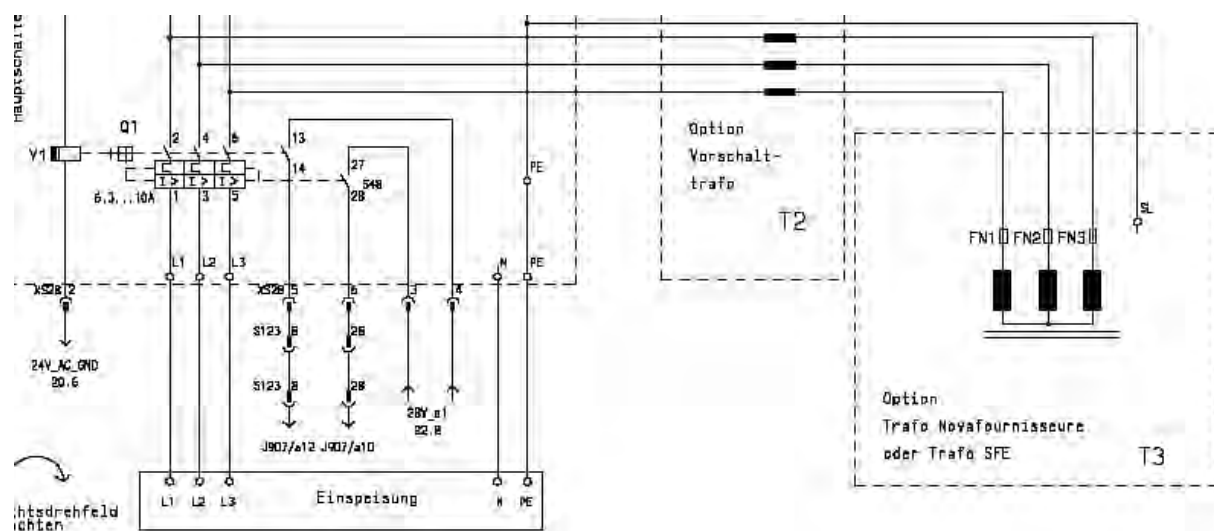
13 Electrical equipment



13.1 Circuit diagram (222) as PDF

Designation	ID	Marking
Circuit diagram 222 German	257 280	_DE
Circuit diagram 222 English	257 280	_GB
Circuit diagram 222 Chinese	257 280	_CN

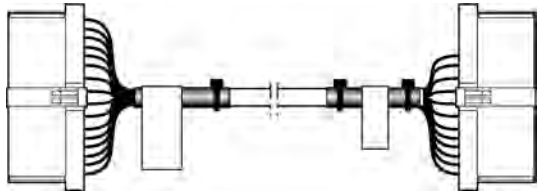
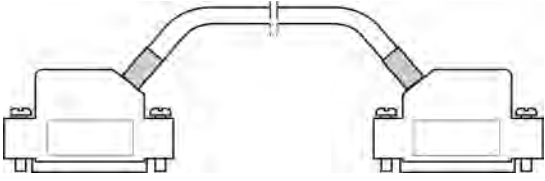
You will find the circuit diagram 222 on the CMS documentation DVD with the ID no. 257 157



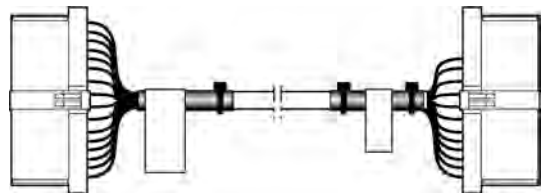
13.2 Fuses

	Designation	Id
	Fuse 1,0A F 5x20	008 748
	Fuse 3,15A T/440V 6,3x32	025 261
	Fuse 10A T/440V 6,3x32 Fuse	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 Fuse	241 866
	Fuse 12,5A T/440V 6,3x32	232 367

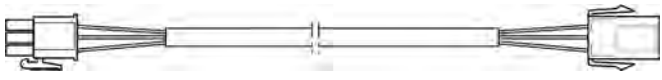
13.3 Trailing cable (all gauges, except E5.2)

Designation	ID	Designation	ID
Σ Trailing cable set 530HP 1IMP	264 940		
Cable carriage at the rear XR332	253 549	Cable yarn carrier XR161	254 886
			
Cable carriage at the front XR333	253 550	Cable impulse sensor OH at the rear XR136_520/530 BM2	264 589
			

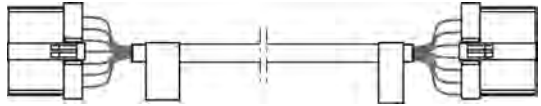
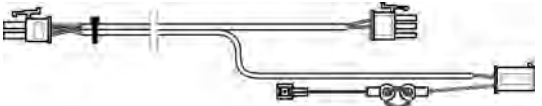
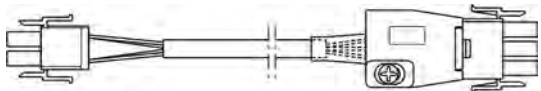
13.4 Trailing cable E5.2

Designation	ID	Designation	ID
Σ Trailing cable set 530HP 2IMP	264 941		
Cable carriage at the rear XR332	253 549	Cable impulse sensor OH at the rear XR136_520/530 BM2	264 589
			
Cable carriage at the front XR333	253 550	Cable impulse sensor OH at the front XR137_520/530 BM2	264 590
			
Cable yarn carrier XR161	254 886		
			

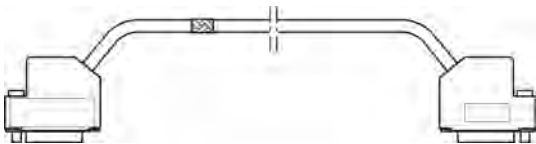
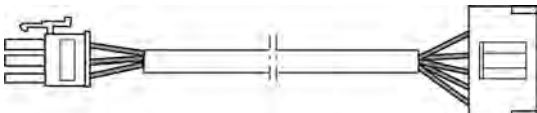
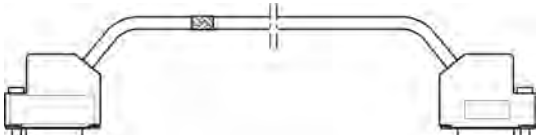
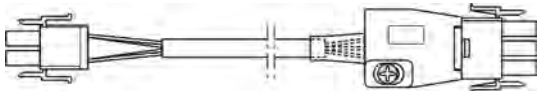
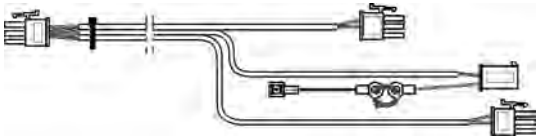
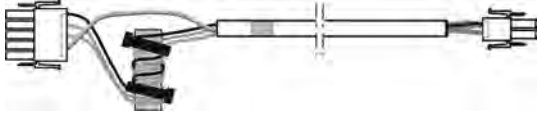
13.5 Cable set installation

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 25XX	264 749	4	Loom of cables comb OKC	240 259
6	Cable switch main take-down 50" ECO2	252 541	7	Cable supply FKE lamp ECO2	252 587
					

13.5.1 Cable set base 1

Designation		Id	Designation		Id
Σ	Loom of cables base 1 5XX	253 619			
	Cable Engaging rod ECO2	252 538		Cable protective device on the left 5XX	264 750
					
	Cable feed wheel on the left 50" OKC	240 464			
					

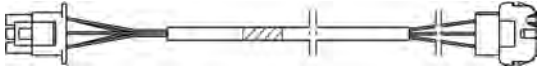
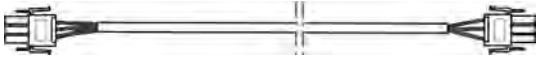
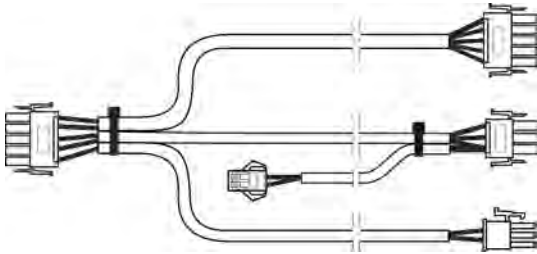
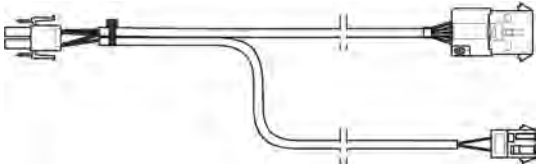
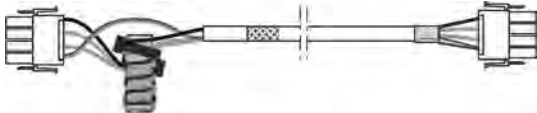
13.5.2 Loom of cables base 2

Designation	Id	Designation	Id
Σ Loom of cables base 2	264 749		
Cable motor HAAB OKC	240 291	Cable resolver drive OKC 3XX	240 296
			
Cable racking limit switch OKC 3XX	240 292	Cable racking motor OKC 3XX	240 297
			
Cable fan drive 3XX OKC	240 293	Cable resolver racking OKC 3XX	240 298
			
Cable Feed wheel on the right OKC 3XX	240 294	Cable protective device on the right OKC	264 751
			
Cable drive motor OKC 3XX	240 295		
			

Designation	Id
Σ Loom of cables comb OKC	240 259
Cable motor comb hookOKC	240 308
Cable switch KAHA OKC	240 309
Cable motor combOKC	240 310

Designation	Id
Cable switch combOKC	240 311
Cable switch HAAB OKC	240 312

13.5.4 Loom of cables 5XX

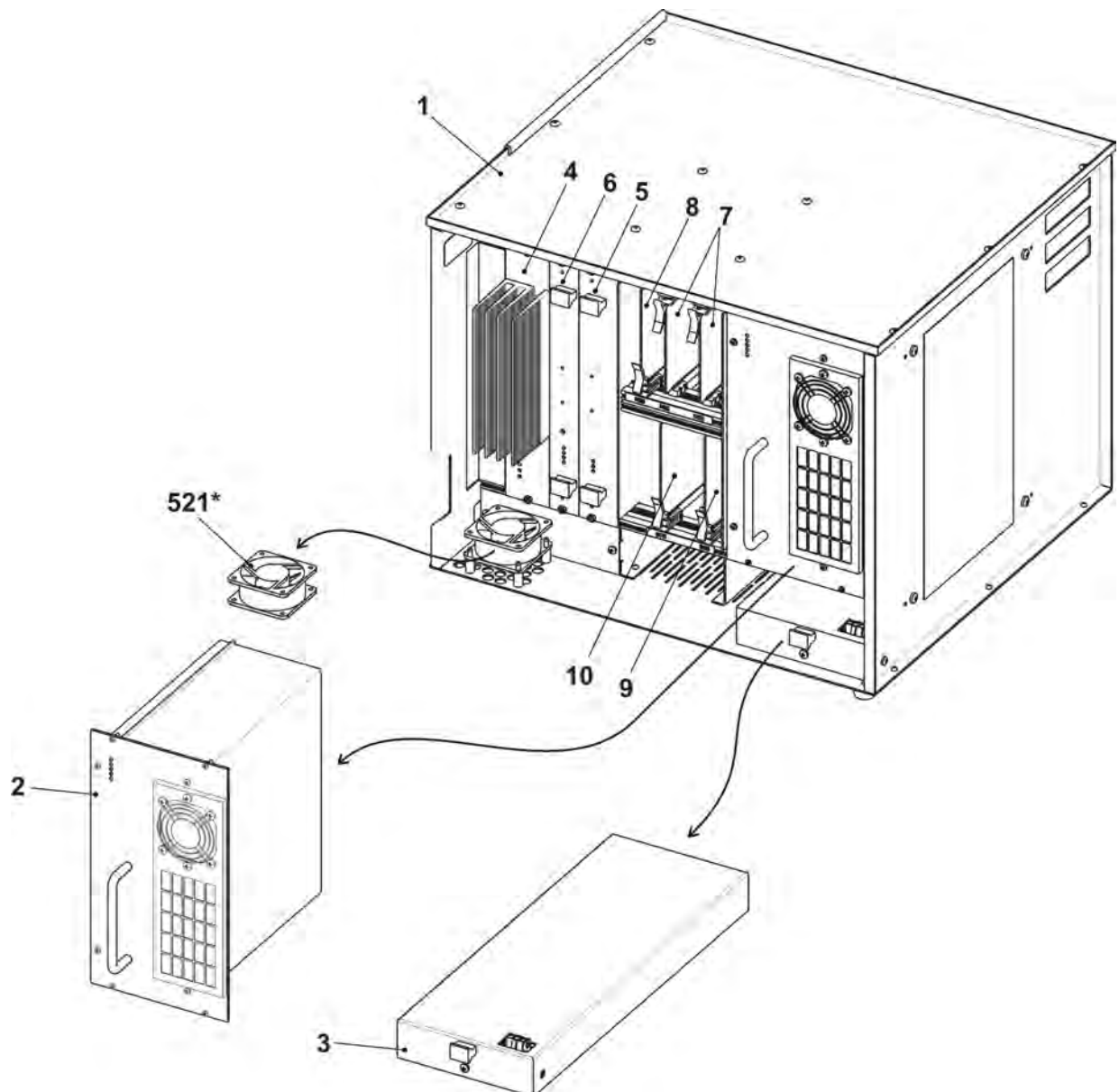
Designation	Id	Designation	Id
Σ Loom of cables 5XX OKC	253 621		
Cable motor auxiliary take-down 50" okc	240 467	Cable power supply unit of mains supply OKC	240 505
			
Cable impulse sensor auxiliary take-down 50" OKC	240 468	Cable switch auxiliary take-down 3xx OKC	240 472
			
Cable power supply WAZ/F 50" OKC	263 686	Cable power supply FLENT 50" OKC	251 231
			
Cable power supply servo 50" OKC	240 502		
			

14 Control electronics

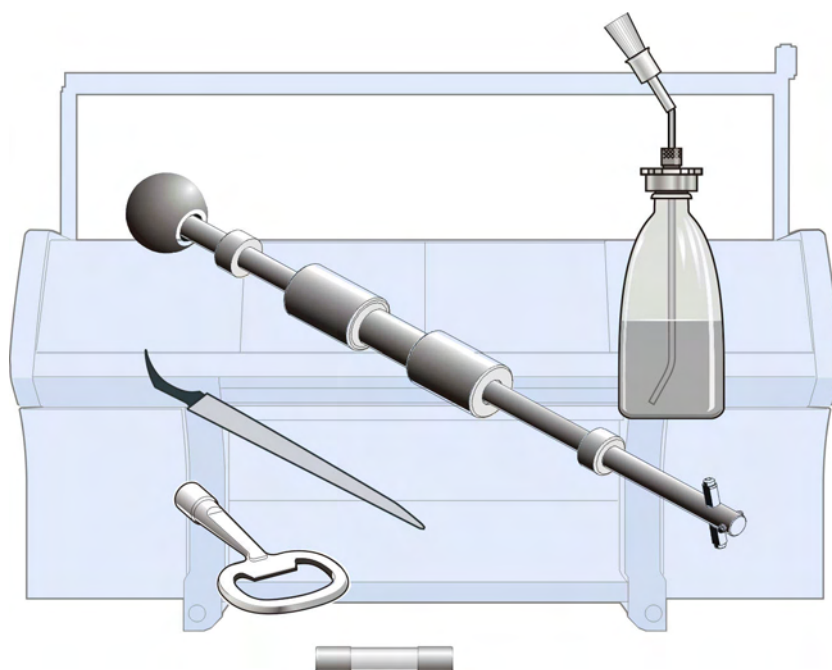


14.1 Control cabinet

Pos	Designation	Id	Pos	Designation	Id
Σ	Control unit on the right complete 530	263 962	6	Card BIO 2	301 012
1	Control unit on the right without equip- ment5XX PP	260 576	7	Card final stages 4SM 7TE	300 943
2	Power supply unit CG54	300 923	8	Card N-CPU 432	300 965
3	Battery plug-in unit	301 008	9	Card Power CPU B	301 009
4	Card Servo 6	301 000	10	Card IPC P8X S 01	257 040
5	Card C-WAZ ECO2	301 006	521*	Axial blower Servo 5	229 059



15 Deliverable accessories

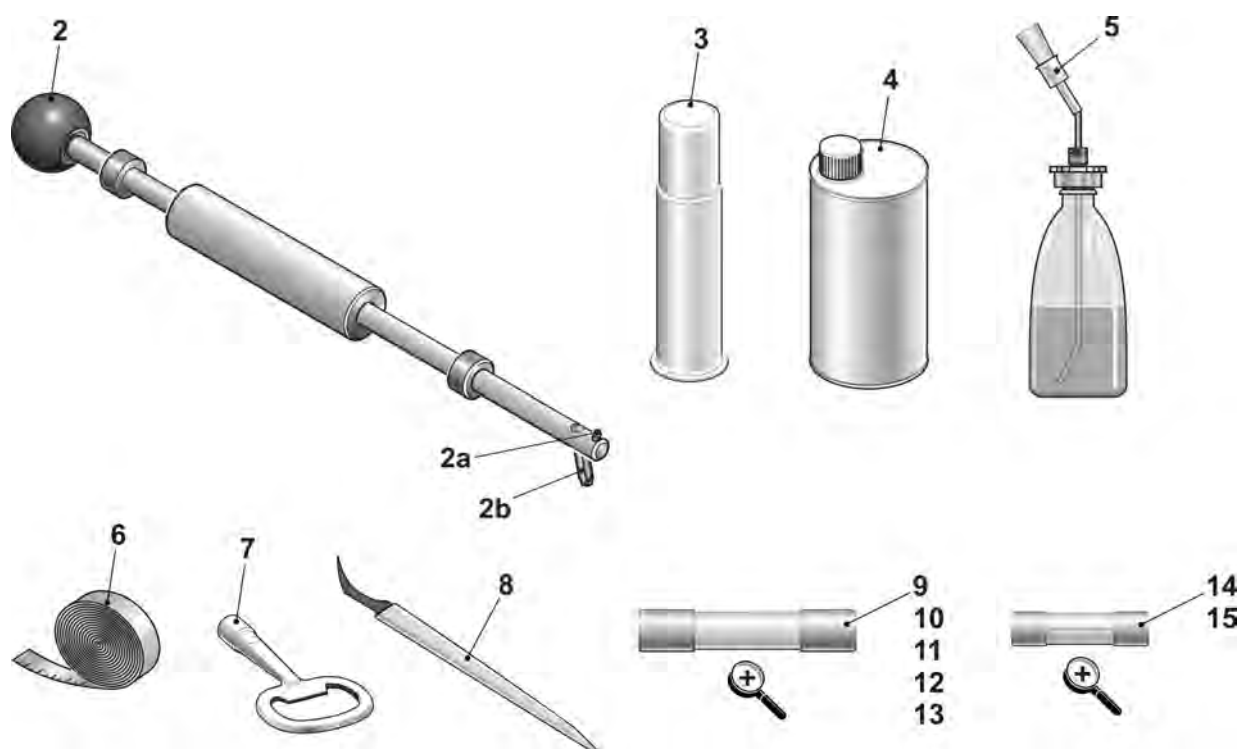


You can order the following tools, lubricants and expendables.

The following list does not correspond to the scope of delivery of the knitting machine.

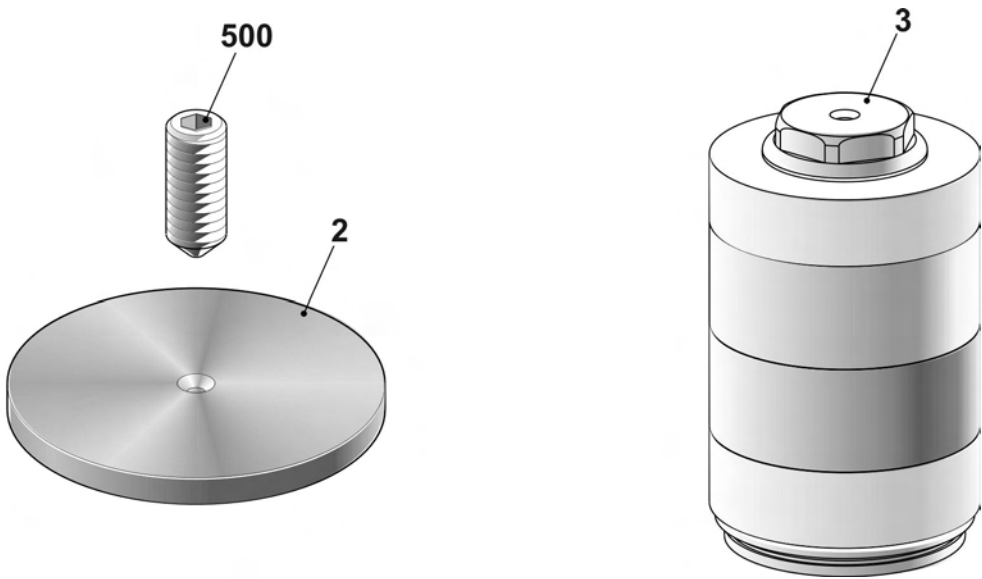
15.1 Accessories part 1

Pos	Designation	Id	Pos	Designation	Id
Σ	Accessories standard part 1	265 182			
2	Extraction hook	232 027	8	Working hook	227 249
2a	Small pin	202 843	9	Fuse 3,15A T/440V 6,3x32	025 261
2b	Pin	232 022	10	Fuse 6,3A T/440V 6,3x32	026 809
3	Grease OKS 475, 150g	005 351	11	Fuse 10A T/440V 6,3x32Fuse	025 258
4	Silvertex T 46, 1l	230 614	12	Fuse 2,5A T/440V 6,3x32	217 465
5	Oil combifix	216 732	13	Fuse 1A T/440V 6,3x32	209 321
6	Measuring tape L=150cm	228 180	14	Fuse 1,6A T 5x20	008 715
7	Key of switch cabinet	009 346	15	Micro fuse F1,0A	008 748

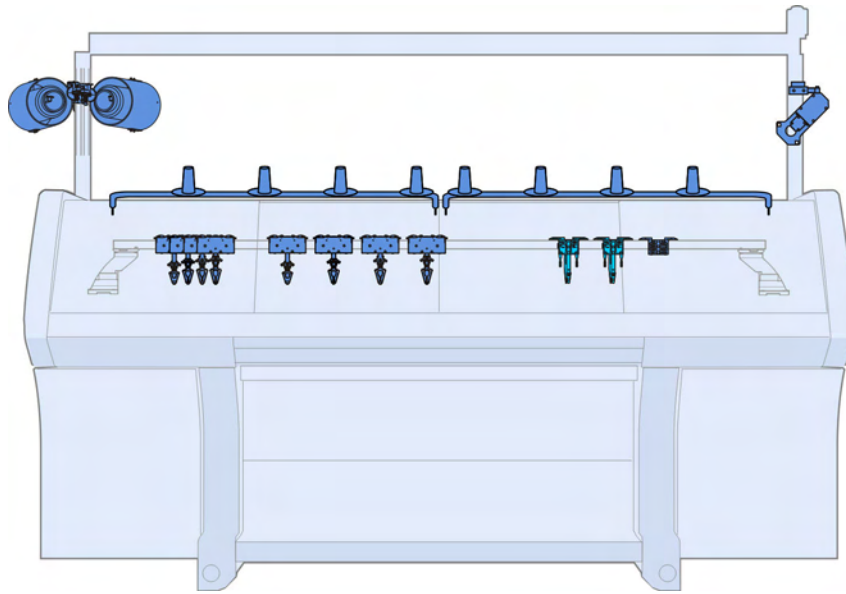


15.2 Accessories part 2

Pos	Designation	Id	Pos	Designation	Id
Σ	Accessories standard part 2	265 182	3	Signal lightLED	240 395
2	Shim	056 569	500	Setscrew M16x40	244 061

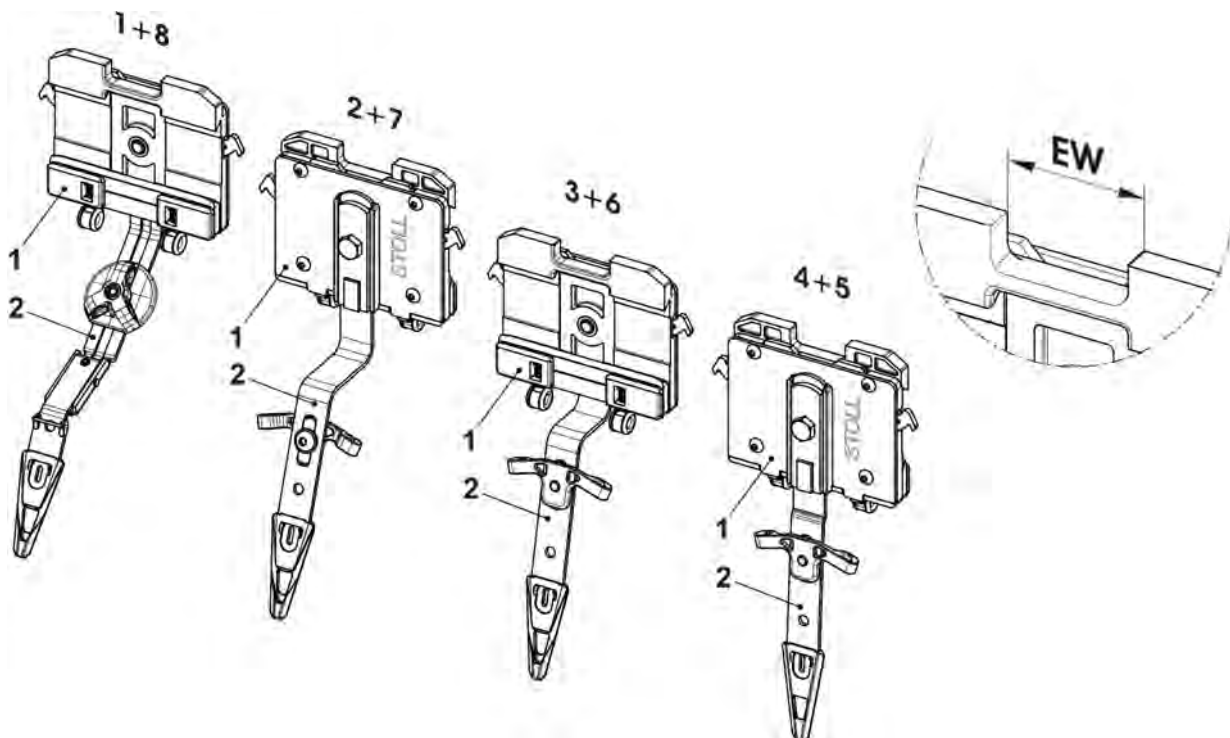


16 Special attachments



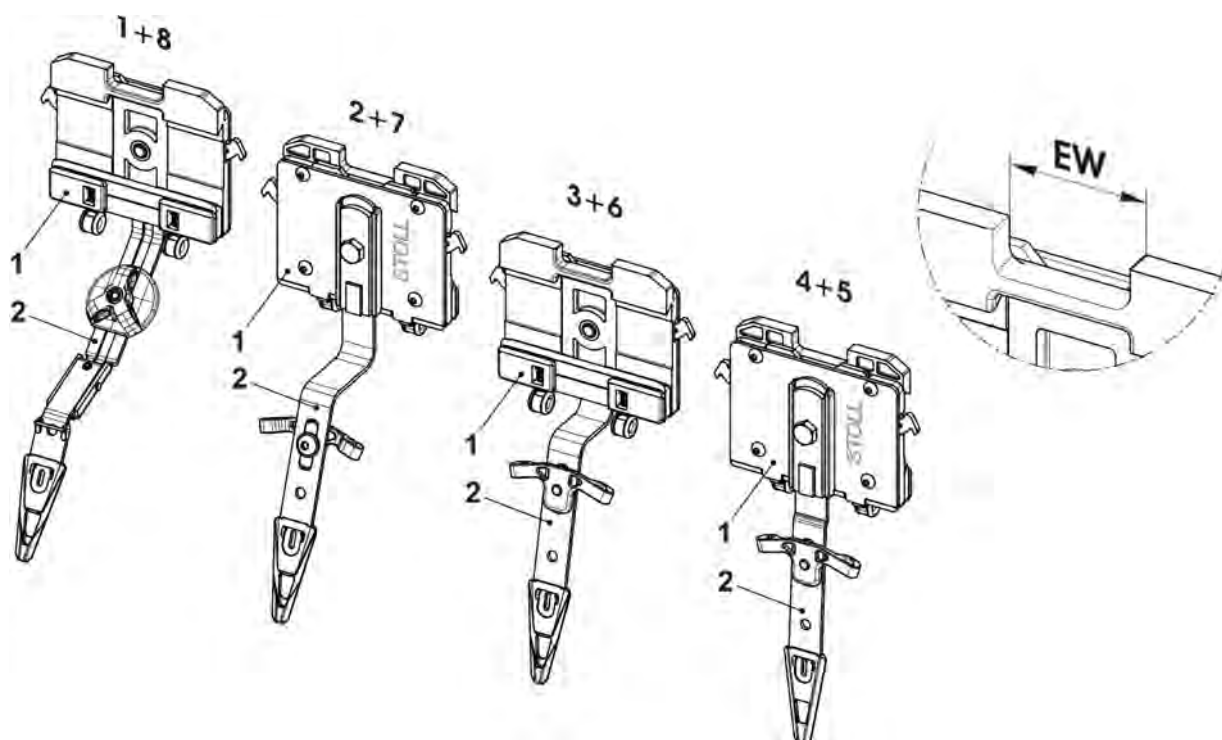
16.1 Yarn carrier type 2, E5 | E2,5.2 | E3,5.2 | E5.2

Track	Pos	Designation	Id	Track	Track	Id	
1+8	FF carriage 1+8 complete EW 23		260 008	3+6	FF carriage 3+6 complete EW 23		260 010
	1	FF carriage EW 23	258 326		1	FF carriage EW 23	258 326
	2	FF bow 1+8 complete E5	259 935		2	FF bow 3+6 complete E5	259 937
	FF carriage 1+8 complete EW 29		260 023		FF carriage 3+6 complete EW 29		260 025
	1	FF carriage EW 29	259 034		1	FF carriage EW 29	259 034
	2	FF bow 1+8 complete E5	259 935		2	FF bow 3+6 complete E5	259 937
	FF carriage 1+8 complete EW 43		260 027		FF carriage 3+6 complete EW 43		260 029
	1	FF carriage EW 43	259 923		1	FF carriage EW 43	259 923
	2	FF bow 1+8 complete E5	259 935		2	FF bow 3+6 complete E5	259 937
	FF carriage 1+8 complete EW 46		260 031		FF carriage 3+6 complete EW 46		260 033
	1	FF carriage EW 46	258 912		1	FF carriage EW 46	258 912
	2	FF bow 1+8 complete E5	259 935		2	FF bow 3+6 complete E5	259 937
2+7	FF carriage 2+7 complete EW 23		260 009	4+5	FF carriage 4+5 complete EW 23		260 011
	1	FF carriage EW 23	258 326		1	FF carriage EW 23	258 326
	2	FF bow 2+7 complete E5	259 936		2	FF bow 4+5 complete E5	259 938
	FF carriage 2+7 complete EW 29		260 024		FF carriage 4+5 complete EW 29		260 026
	1	FF carriage EW 29	259 034		1	FF carriage EW 29	259 034
	2	FF bow 2+7 complete E5	259 936		2	FF bow 4+5 complete E5	259 938
	FF carriage 2+7 complete EW 43		260 028		FF carriage 4+5 complete EW 43		260 030
	1	FF carriage EW 43	259 923		1	FF carriage EW 43	259 923
	2	FF bow 2+7 complete E5	259 936		2	FF bow 4+5 complete E5	259 938
	FF carriage 2+7 complete EW 46		260 032		FF carriage 4+5 complete EW 46		260 034
	1	FF carriage EW 46	258 912		1	FF carriage EW 46	258 912
	2	FF bow 2+7 complete E5	259 936		2	FF bow 4+5 complete E5	259 938



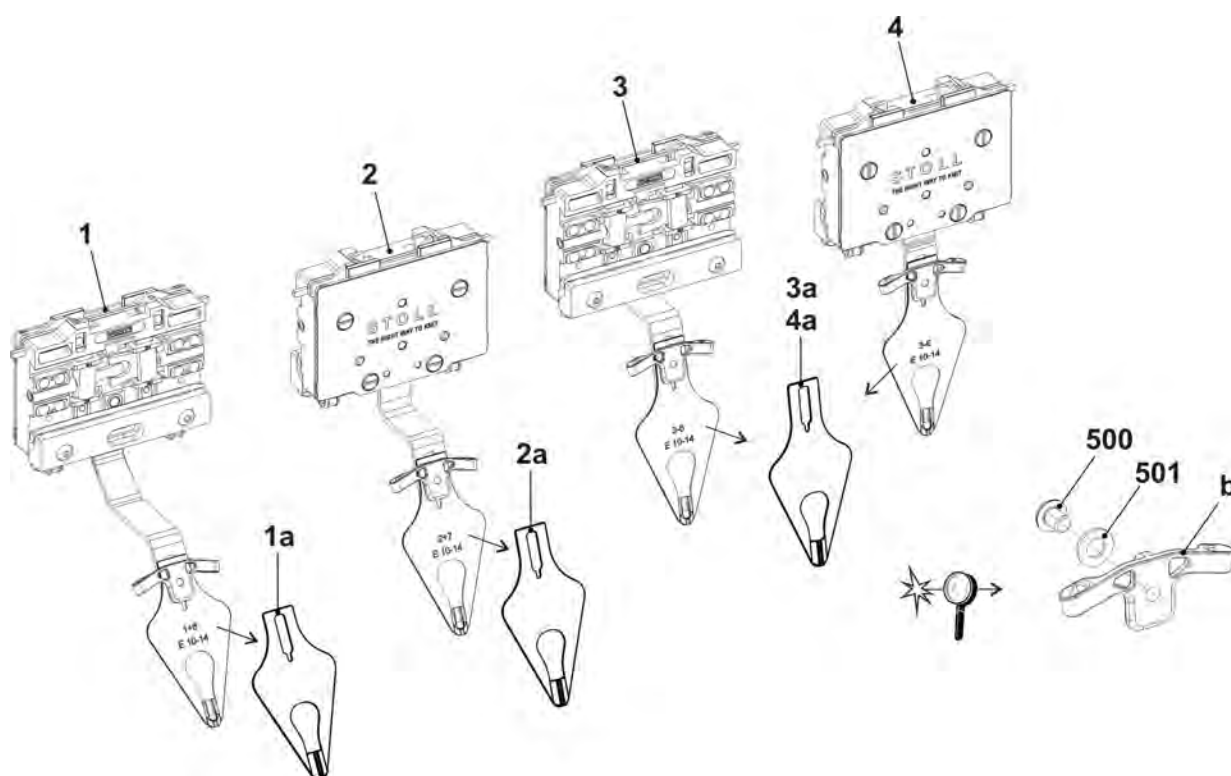
16.2 Yarn carrier type 2, E7 | E8 | E6.2

Track	Pos	Designation	Id	Track	Pos	Designation	Id
1+8		FF carriage 1+8 complete EW 23	260 035	3+6		FF carriage 3+6 complete EW 23	260 037
	1	FF carriage EW 23	258 326		1	FF carriage EW 23	258 326
	2	FF bow 1+8 complete E7-8	259 939		2	FF bow 3+6 complete E7-8	259 942
		FF carriage 1+8 complete EW 29	260 012			FF carriage 3+6 complete EW 29	260 014
	1	FF carriage EW 29	259 034		1	FF carriage EW 29	259 034
	2	FF bow 1+8 complete E7-8	259 939		2	FF bow 3+6 complete E7-8	259 942
		FF carriage 1+8 complete EW 43	260 039			FF carriage 3+6 complete EW 43	260 041
	1	FF carriage EW 43	259 923		1	FF carriage EW 43	259 923
	2	FF bow 1+8 complete E7-8	259 939		2	FF bow 3+6 complete E7-8	259 942
		FF carriage 1+8 complete EW 46	260 043			FF carriage 3+6 complete EW 46	260 045
	1	FF carriage EW 46	258 912		1	FF carriage EW 46	258 912
	2	FF bow 1+8 complete E7-8	259 939		2	FF bow 3+6 complete E7-8	259 942
2+7		FF carriage 2+7 complete EW 23	260 036	4+5		FF carriage 4+5 complete EW 23	260 038
	1	FF carriage EW 23	258 326		1	FF carriage EW 23	258 326
	2	FF bow 2+7 complete E7-8	259 941		2	FF bow 4+5 complete E7-8	259 943
		FF carriage 2+7 complete EW 29	260 013			FF carriage 4+5 complete EW 29	260 015
	1	FF carriage EW 29	259 034		1	FF carriage EW 29	259 034
	2	FF bow 2+7 complete E7-8	259 941		2	FF bow 4+5 complete E7-8	259 943
		FF carriage 2+7 complete EW 43	260 040			FF carriage 4+5 complete EW 43	260 042
	1	FF carriage EW 43	259 923		1	FF carriage EW 43	259 923
	2	FF bow 2+7 complete E7-8	259 941		2	FF bow 4+5 complete E7-8	259 943
		FF carriage 2+7 complete EW 46	260 044			FF carriage 4+5 complete EW 46	260 046
	1	FF carriage EW 46	258 912		1	FF carriage EW 46	258 912
	2	FF bow 2+7 complete E7-8	259 941		2	FF bow 4+5 complete E7-8	259 943



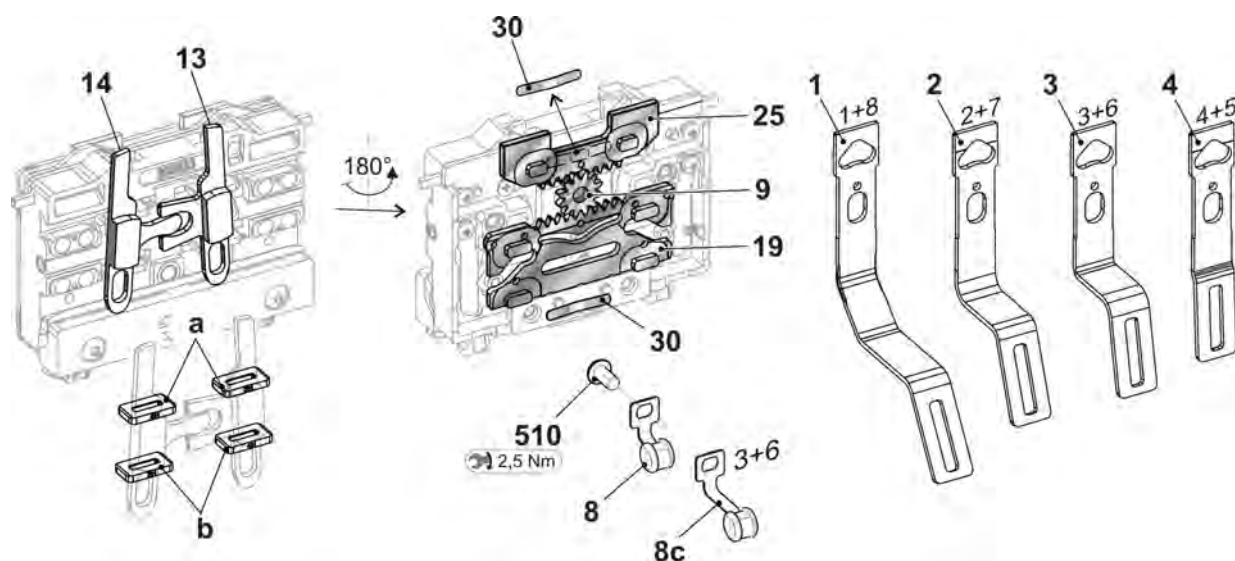
16.3 Intarsia yarn carrier type 2, Overview

Pos	Designation	Id	Pos	Designation	Id
1	IFF carriage complete 1+8 E5	259 732	1a	YC head 1+8 complete E5	244 076
	IFF carriage complete 1+8 E7-8	259 736		YC head 1+8 complete E7-8	244 082
	IFF carriage complete 1+8 E10-14	259 740		YC head 1+8 complete E10-14	260 612
	IFF carriage complete 1+8 E16-18	259 744		YC head 1+8 complete E16-18	261 516
2	IFF carriage complete 2+7 E5	259 733	2a	YC head 2+7 complete E5	244 077
	IFF carriage complete 2+7 E7-8	259 737		YC head 2+7 complete E7-8	244 083
	IFF carriage complete 2+7 E10-14	259 741		YC head 2+7 complete E10-14	260 614
	IFF carriage complete 2+7 E16-18	259 745		YC head 2+7 complete E16-18	261 517
3	IFF carriage complete 3+6 E5	259 734	3a	YC head 3-6 complete E5	244 078
	IFF carriage complete 3+6 E7-8	259 738		YC head 3-6 complete E7-8	244 084
	IFF carriage complete 3+6 E10-14	259 742		YC head 3-6 complete E10-14	260 610
	IFF carriage complete 3+6 E16-18	259 746		YC head 3-6 complete E16-18	261 518
4	IFF carriage complete 4+5 E5	259 735	500	Pan head screw M4x5	239 549
	IFF carriage complete 4+5 E7-8	259 739	501	Washer	020 870
	IFF carriage complete 4+5 E10-14	259 743	b	Yarn guide angle	242 863
	IFF carriage complete 4+5 E16-18	259 747			



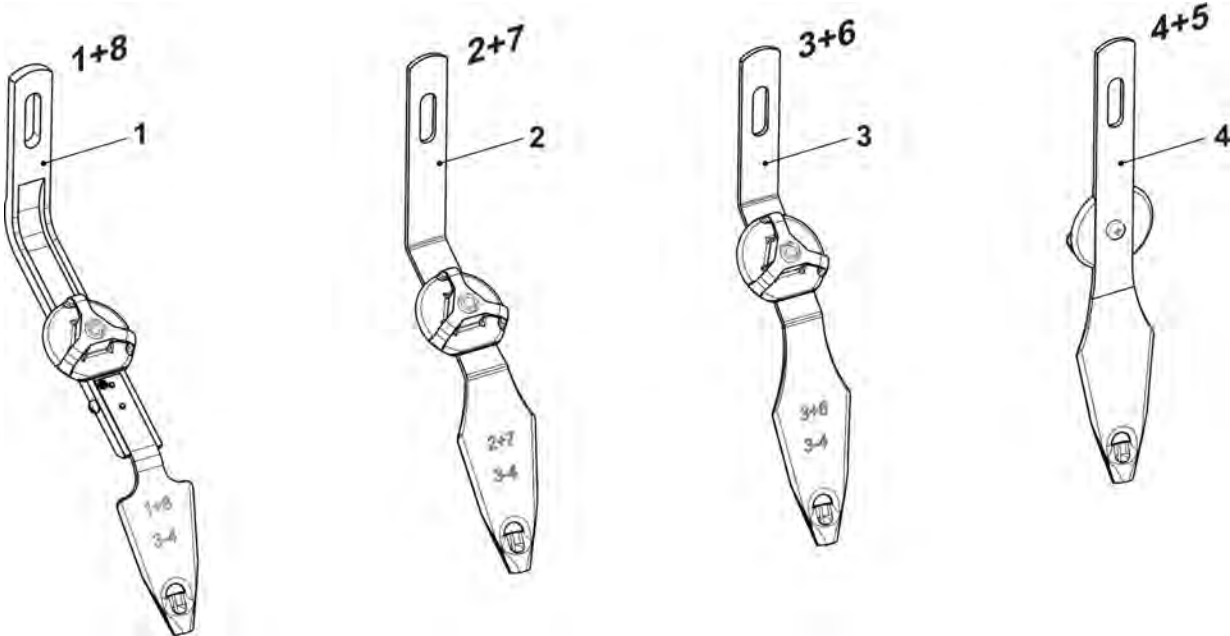
16.3.1 Continuation Intarsia yarn carrier type 2

Pos	Designation	Id	Pos	Designation	Id
Σ	IFF carriage 1+8	259 728	1	FF bow 1+8	259 719
	IFF carriage 2+7	259 729	2	FF bow 2+7	259 720
	IFF carriage 3+6	259 730	3	FF bow 3+6	259 721
	IFF carriage 4+5	259 731	4	FF bow 4+5	259 722
8	Eyelet holder complete	260 702	a	Pressure plate 2,02 H	262 433
8c	Eyelet holder complete	260 700		Pressure plate 2,04 H	262 434
9	Gear wheel	244 031	b	Pressure plate 2,02 H	262 572
13	Clamping lever on the rightH3	262 019		Pressure plate 2,04 H	262 573
14	Clamping lever on the leftH3	262 018		Pressure plate 2,06 H	262 574
19	Slider at the bottom	259 653		Pressure plate 2,08 H	262 576
25	Slider	260 548	510	Pan head screw M4x8	023 579
30	Leaf spring	260 527			



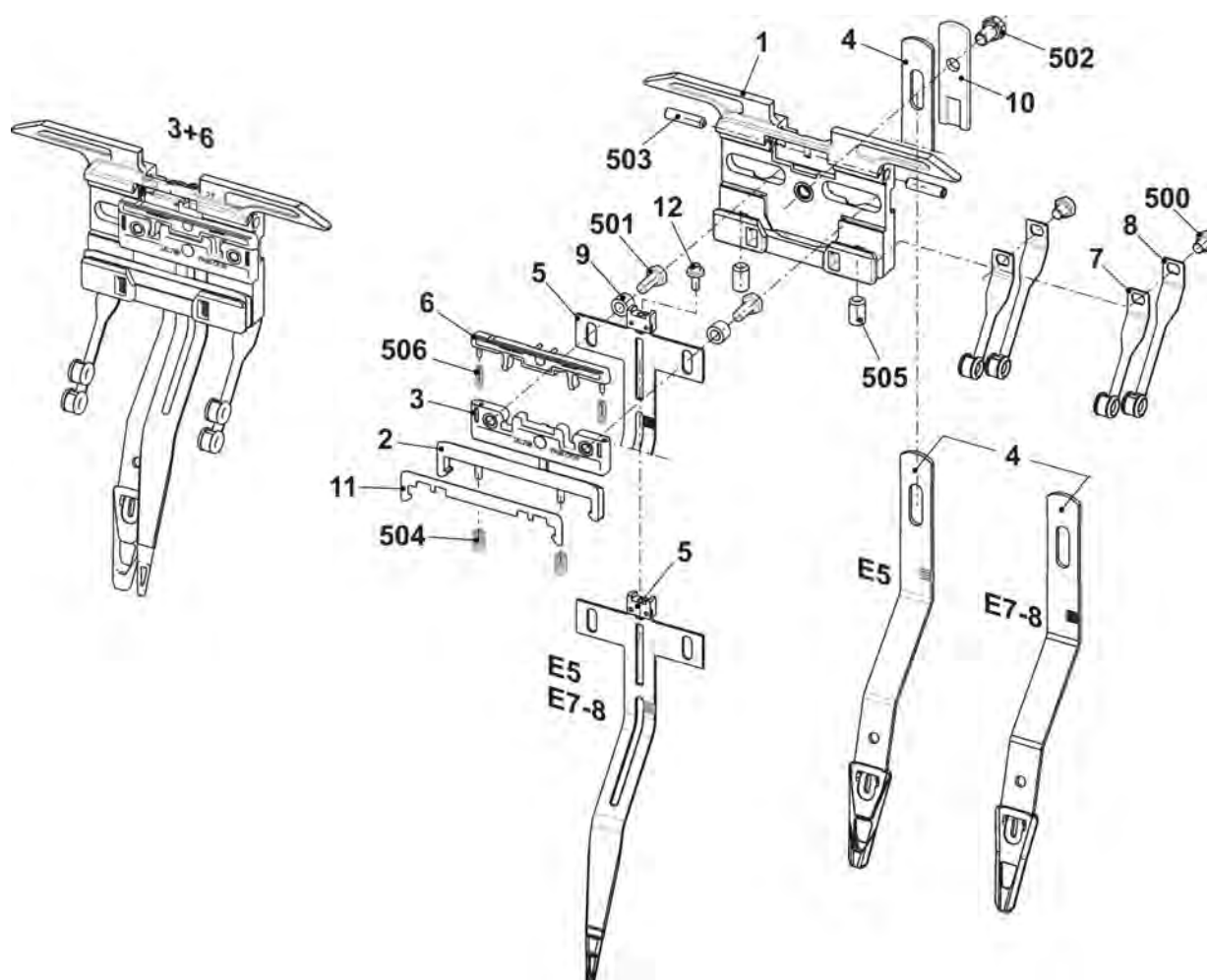
16.4 FF bow E2,5.2m.4L

Pos	Designation	Id	Pos	Designation	Id
1	FF bow 1+8 complete E3-4	261 546	3	FF bow 3+6 complete E3-4	261 136
2	FF bow 2+7 complete E3-4	261 547	4	FF bow 4+5 complete E3-4	261 137



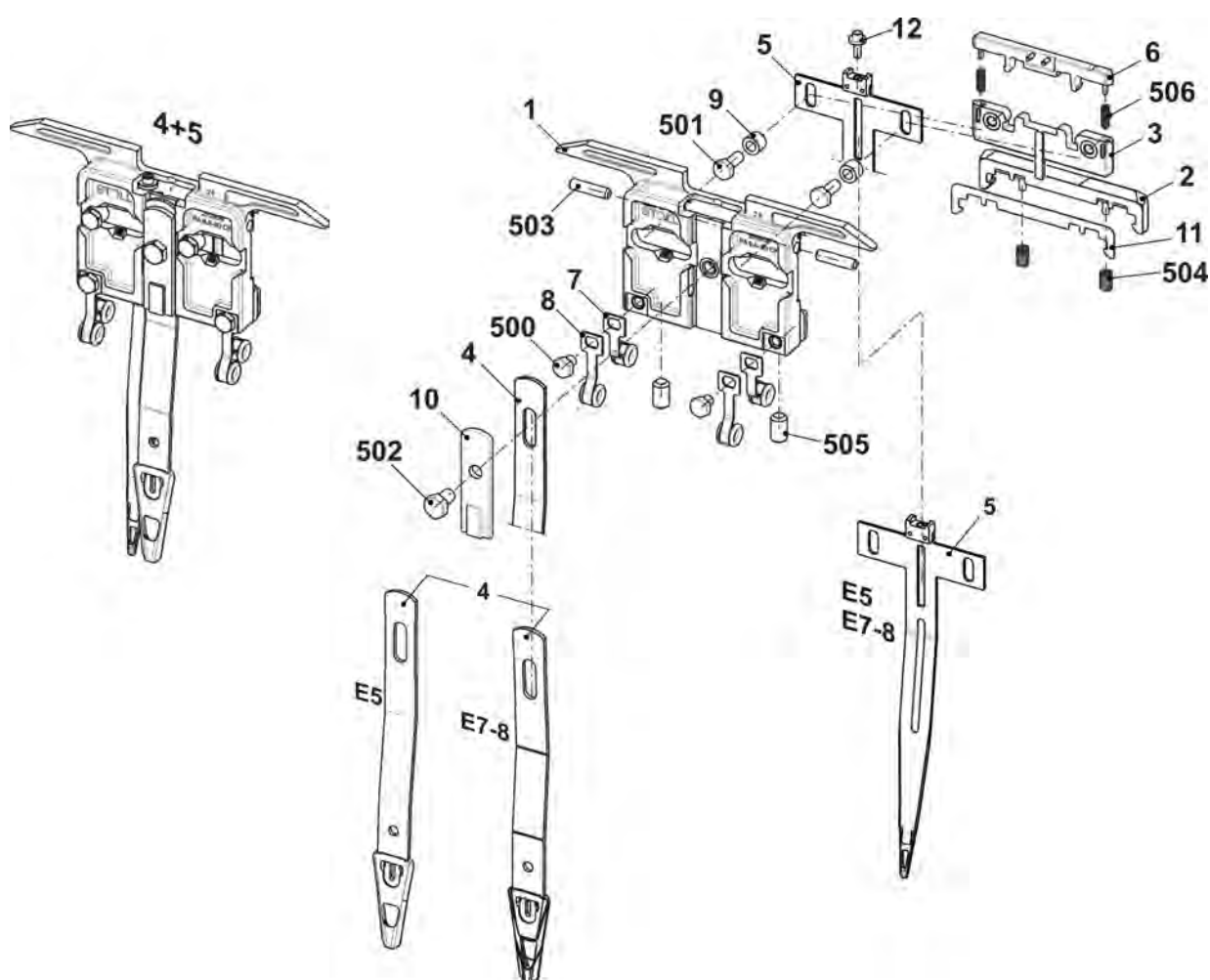
16.5 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete		8	Eyelet holder complete	252 824
	E5 E2,5.2 E3,5.2 E5.2	252 782	9	Distance bushing	252 796
	E7 E8	252 784	10	Shim	213 035
1	Plating yarn carrier carriage	252 806	11	Shim	216 143
2	Sliding piece	212 583	12	Adjusting screw	253 436
3	Slider	252 798	500	Hexagon screwM4x5	243 779
4	Plating yarn carrier bow 3+6		501	Hexagon screwM4x10	020 346
	E5	252 820	502	Hexagon screw	252 832
	E7-8	252 821	503	Setscrew M4x16	254 196
5	Plating yarn carrier bow 3+6 E5-8	252 800	504	Compression spring	021 399
6	Sliding piece	252 797	505	Threaded bolt	213 399
7	Eyelet holder complete	252 825	506	Compression spring	253 058



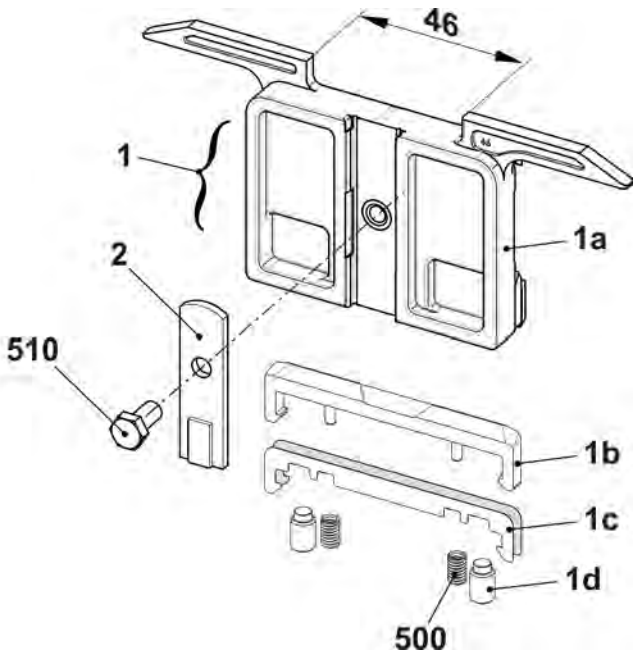
16.6 Plating yarn carrier 4+5

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete		8	Eyelet holder complete	252 816
	E5 E2,5.2 E3,5.2 E5.2	252 781	9	Distance bushing	252 796
	E7 E8	252 783	10	Shim	213 035
1	Plating yarn carrier carriage	252 806	11	Shim	216 143
2	Sliding piece	212 583	12	Adjusting screw	253 436
3	Slider	252 798	500	Hexagon screw M4x5	243 779
4	Plating yarn carrier bow 4+5		501	Hexagon screw M4x10	020 346
	E5	252 790	502	Hexagon screw	252 832
	E7-8	252 791	503	Setscrew M4x16	254 196
5	Plating yarn carrier bow 4+5 E5-8	252 799	504	Compression spring	021 399
6	Sliding piece	252 797	505	Threaded bolt	213 399
7	Eyelet holder complete	252 815	506	Compression spring	253 058



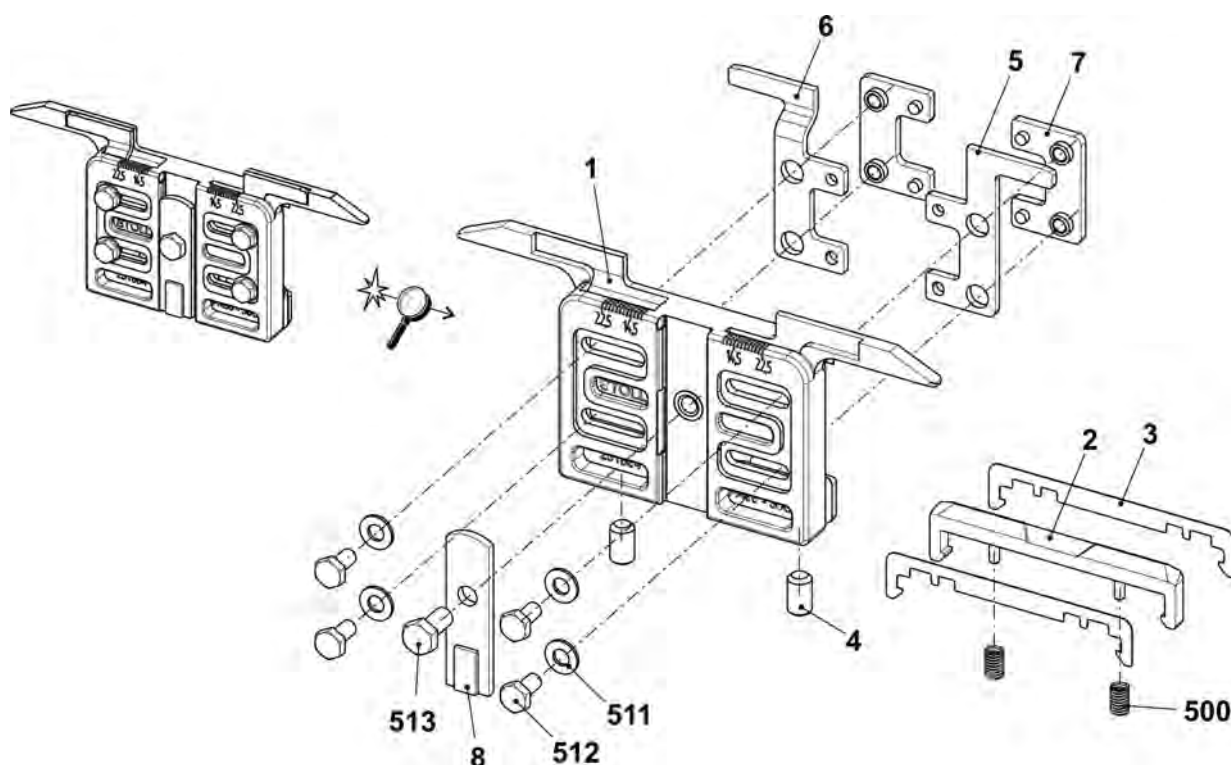
16.7 Carriage of plating yarn carrier EW 46

Pos	Designation		Id	Pos	Designation		Id
B	Plating FF carriage complete EW 46		244 998				
1	FF carriage EW 46		244 253		1d	Threaded bolt	213 399
	1a	FF carriage	243 881		500	Compression spring 4,0x0,55x11	021 399
	1b	Sliding piece	212 583	2	Shim		213 035
	1c	Shim	216 143	510	Hexagon screw M5x10		020 351



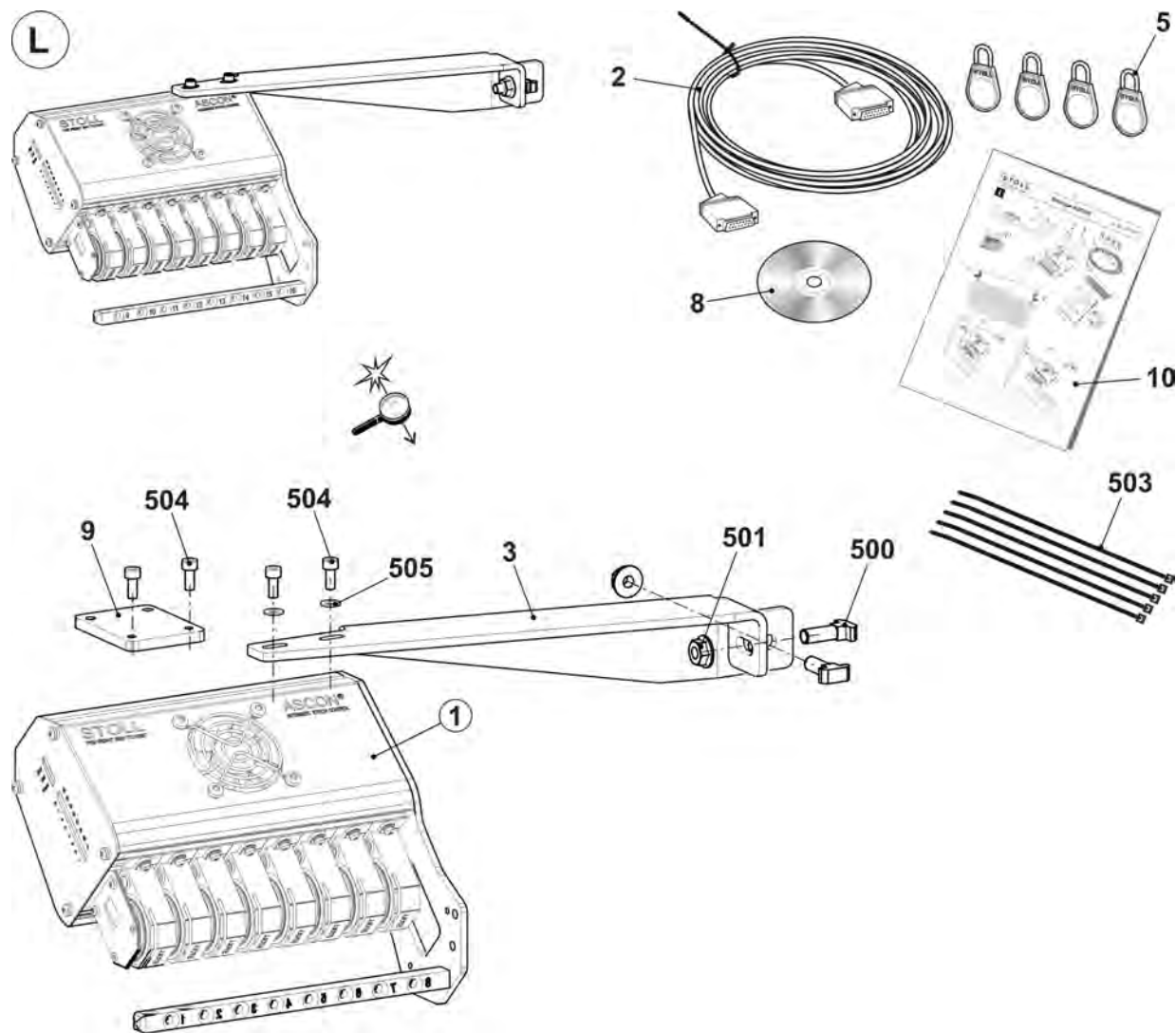
16.8 Carriage of plating yarn carrier (adjustable)

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage complete	251 867			
1	Carriage of yarn carrier	251 864	7	Guide part	253 226
2	Sliding piece	212 583	8	Shim	213 035
3	Shim	216 143	500	Compression spring	021 399
4	Threaded bolt	213 399	511	Washer 4	022 481
5	Insert on the right	251 866	512	Hexagon screwM4x8	022 461
6	Insert on the left	251 865	513	Hexagon screwM5x10	020 351



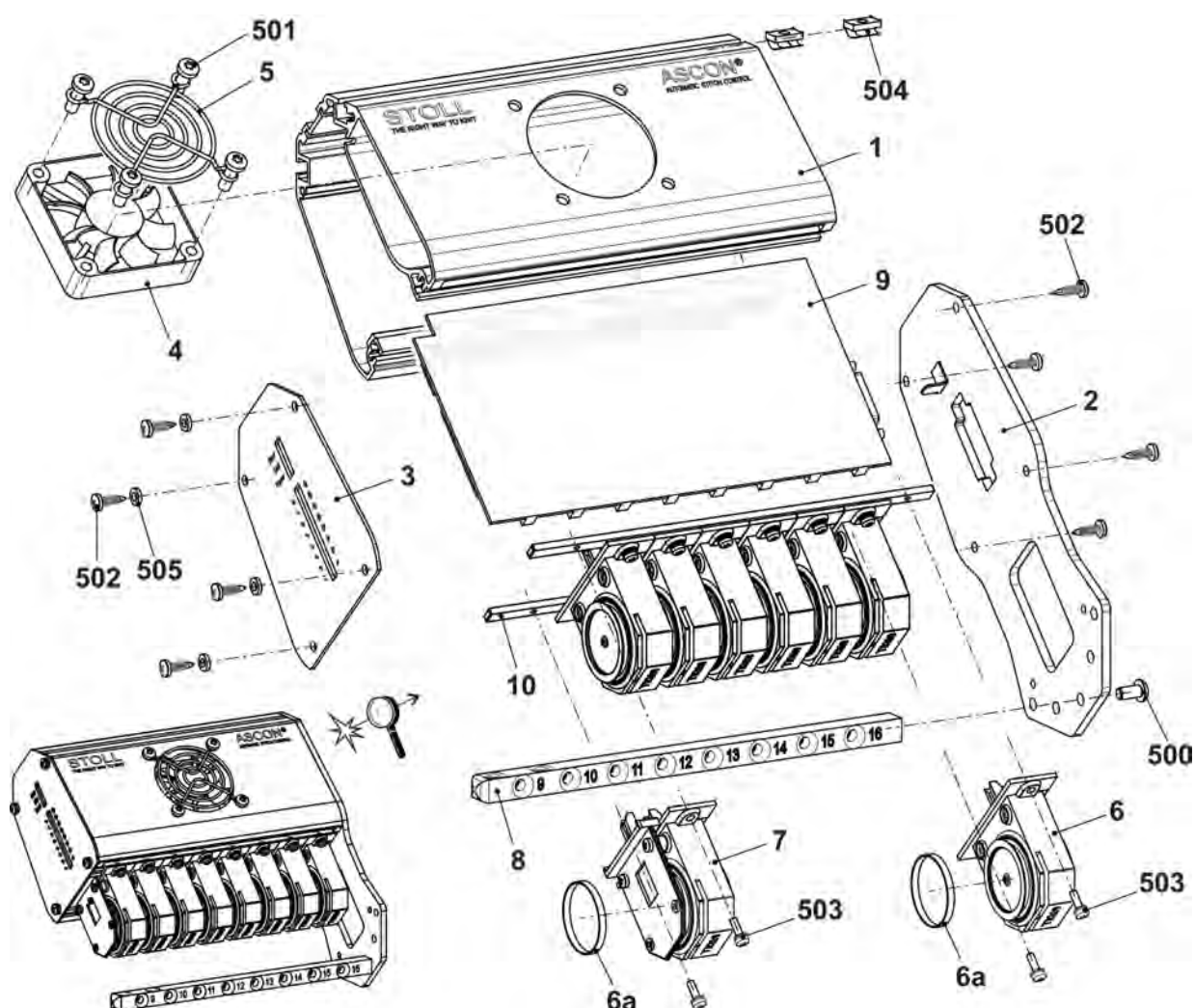
16.9 Yarn length measuring device on the left complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	265 392			
1	Yarn length measuring device on the left complete	257 283	10	Operating instructions of ASCON assembly	266 069
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support on the left	265 046	501	Serrated nut M8-10	023 026
5	Adjustment weight	212 241	503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391	504	Cap screw M5x12	020 132
9	Holding plate	258 386	505	Washer 5	020 871



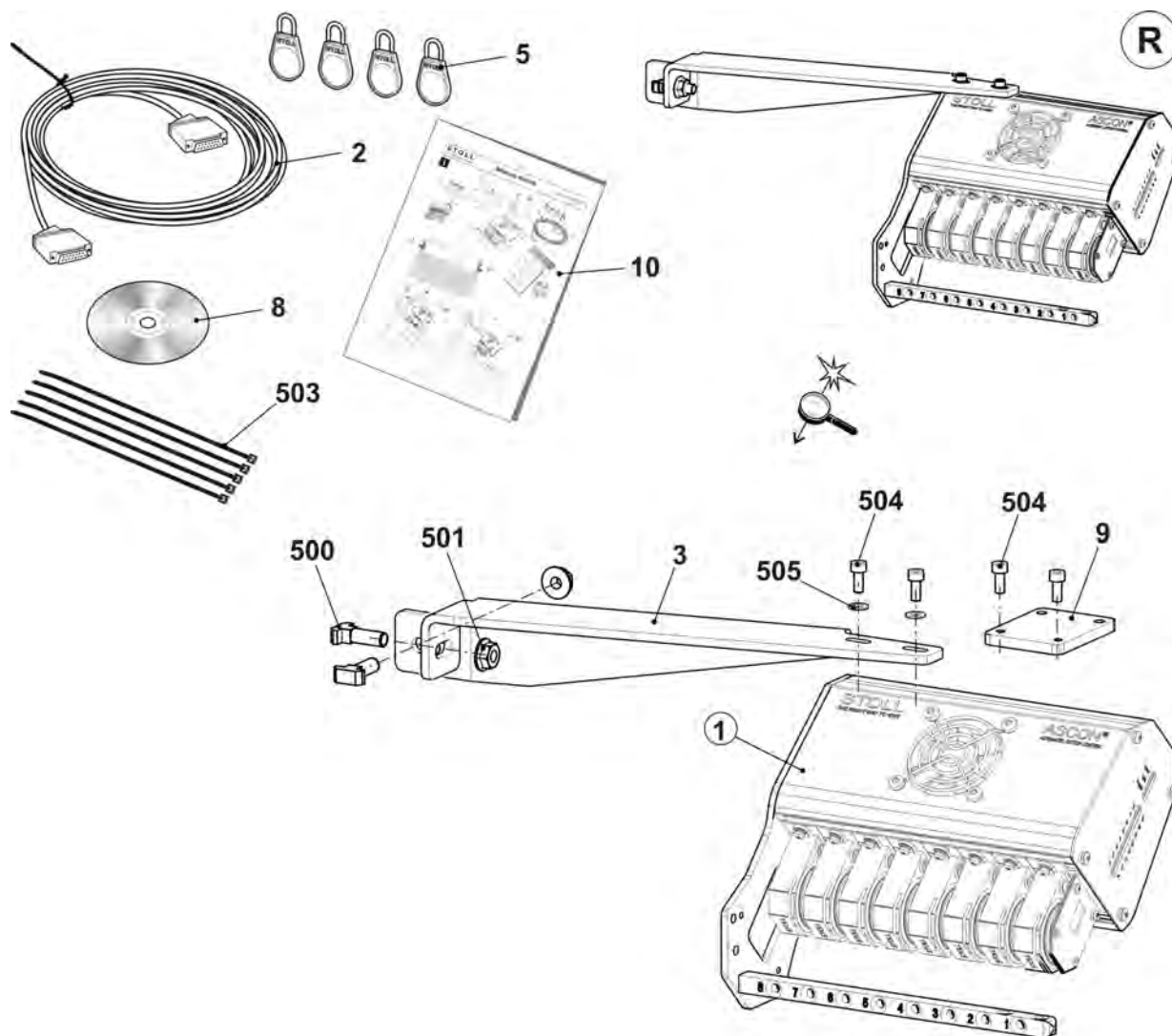
16.9.1 Yarn length measuring device

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	257 283	8	Yarn guide rod	257 139
1	Housing	257 281	9	Card Ascon	255 000
2	Support	257 278	10	Threaded strip	257 138
3	Cover	257 273	500	Pan-head screw M5x10	023 247
4	Fan with plug	257 048	501	Screw 50x15	251 728
5	Protective grid fan Servo5	229 142	502	Sheet metal screw ST3,5x13	022 940
6	Sensor	211 354	503	Oval head screw with washer M3x10	023 380
6a	Rubber running ring	258 582	504	Spring nut M5	022 873
7	Sensor complete	212 406	505	Serrated lock washer J3,7	022 554



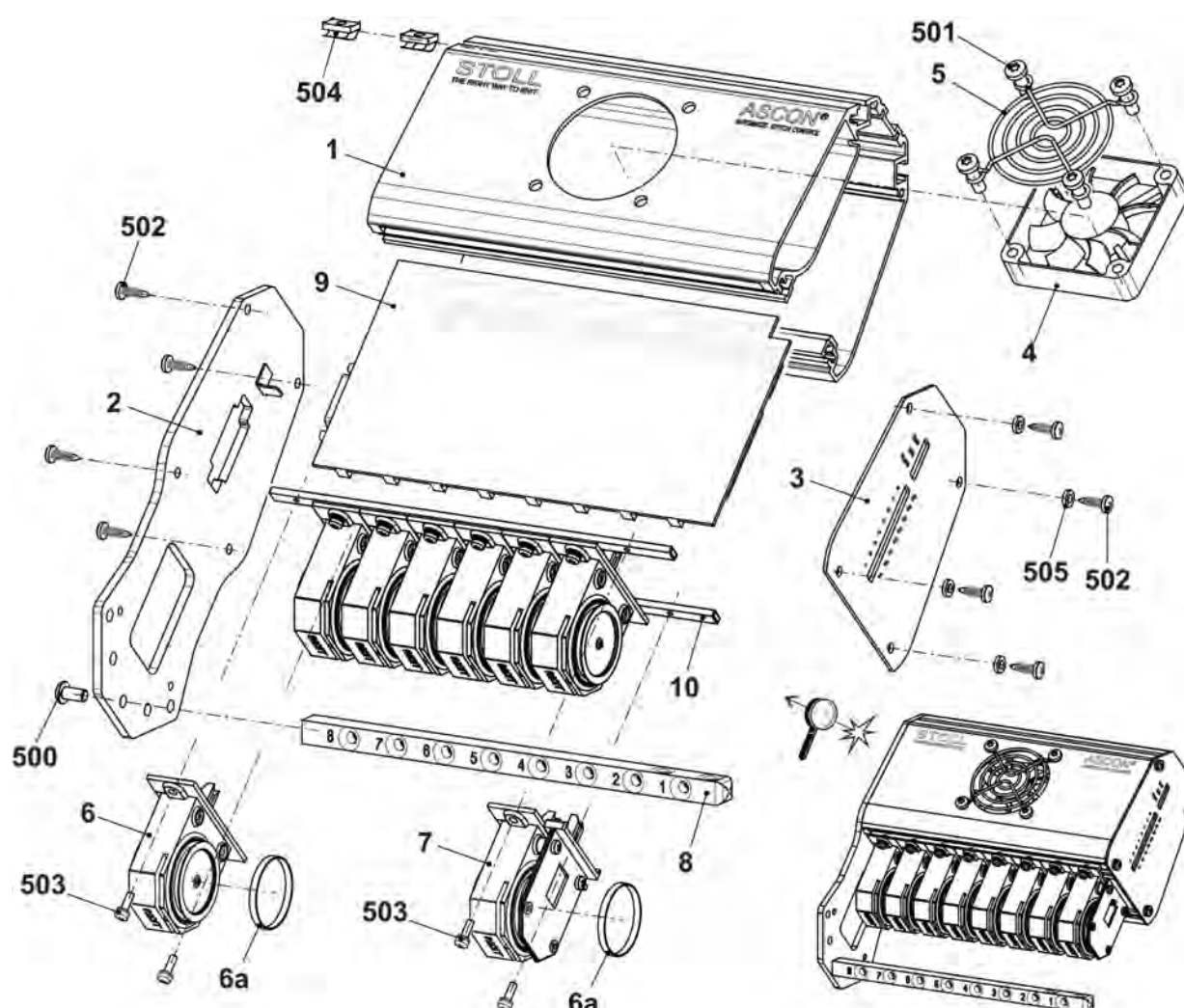
16.10 Yarn length measuring device on the right complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the right complete	265 391			
1	Yarn length measuring device on the right complete	257 282	10	Operating instructions of ASCON assembly	266 069
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support right	265 045	501	Serrated nut M8-10	023 026
5	Adjustment weight	212 241	503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391	504	Cap screw M5x12	020 132
9	Holding plate	258 386	505	Washer 5	020 871



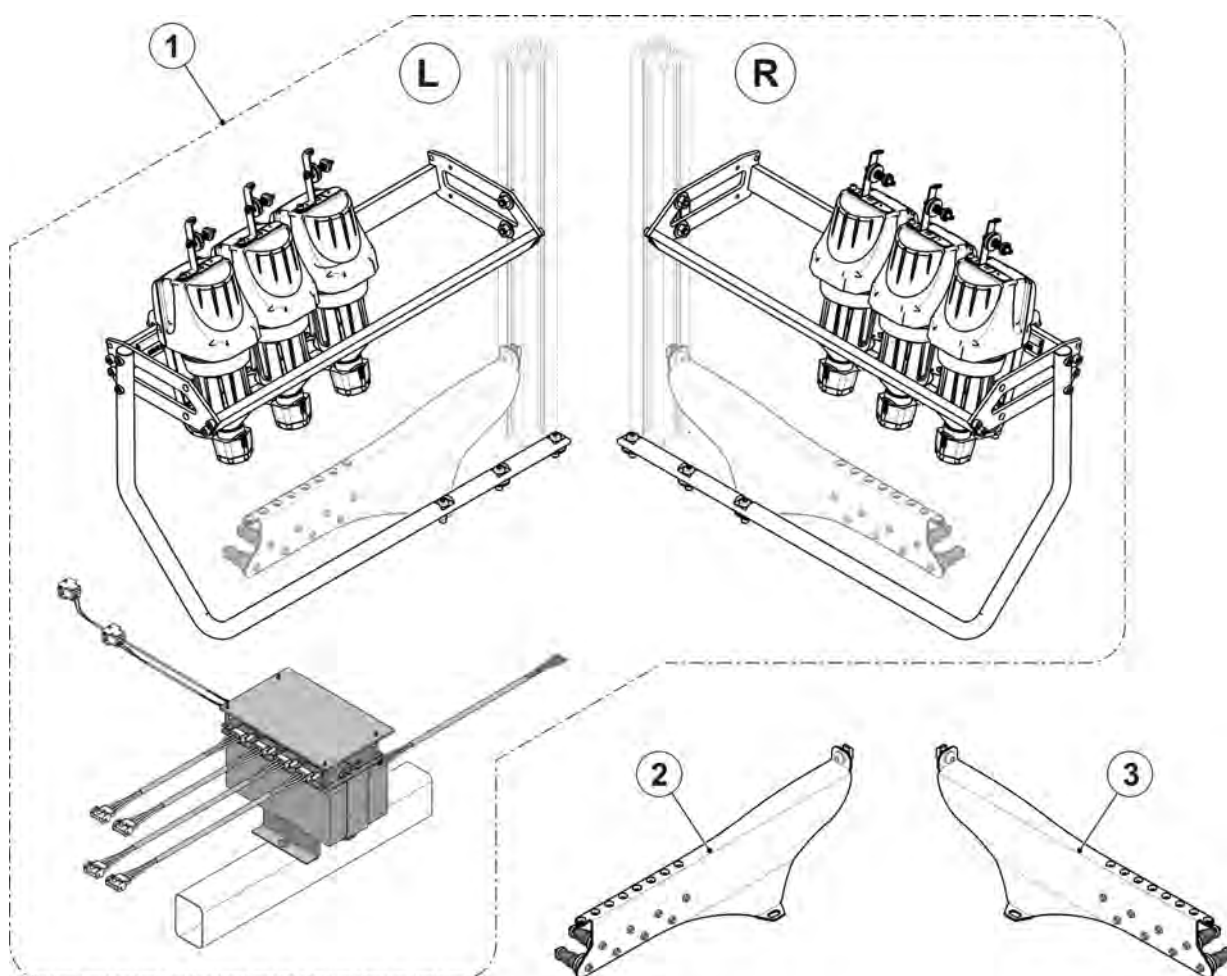
16.10.1 Yarn length measuring device on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the right complete	257 282	8	Yarn guide rod	257 139
1	Housing	257 281	9	Card Ascon	255 000
2	Support	257 278	10	Threaded strip	257 138
3	Cover	257 273	500	Pan-head screw M5x10	023 247
4	Fan with plug	257 048	501	Screw 50x15	251 728
5	Protective grid fan Servo5	229 142	502	Sheet metal screw ST3,5x13	022 940
6	Sensor	211 354	503	Oval head screw with washer M3x10	023 380
6a	Rubber running ring	258 582	504	Spring nut M5	022 873
7	Sensor complete	212 406	505	Serrated lock washer J3,7	022 554



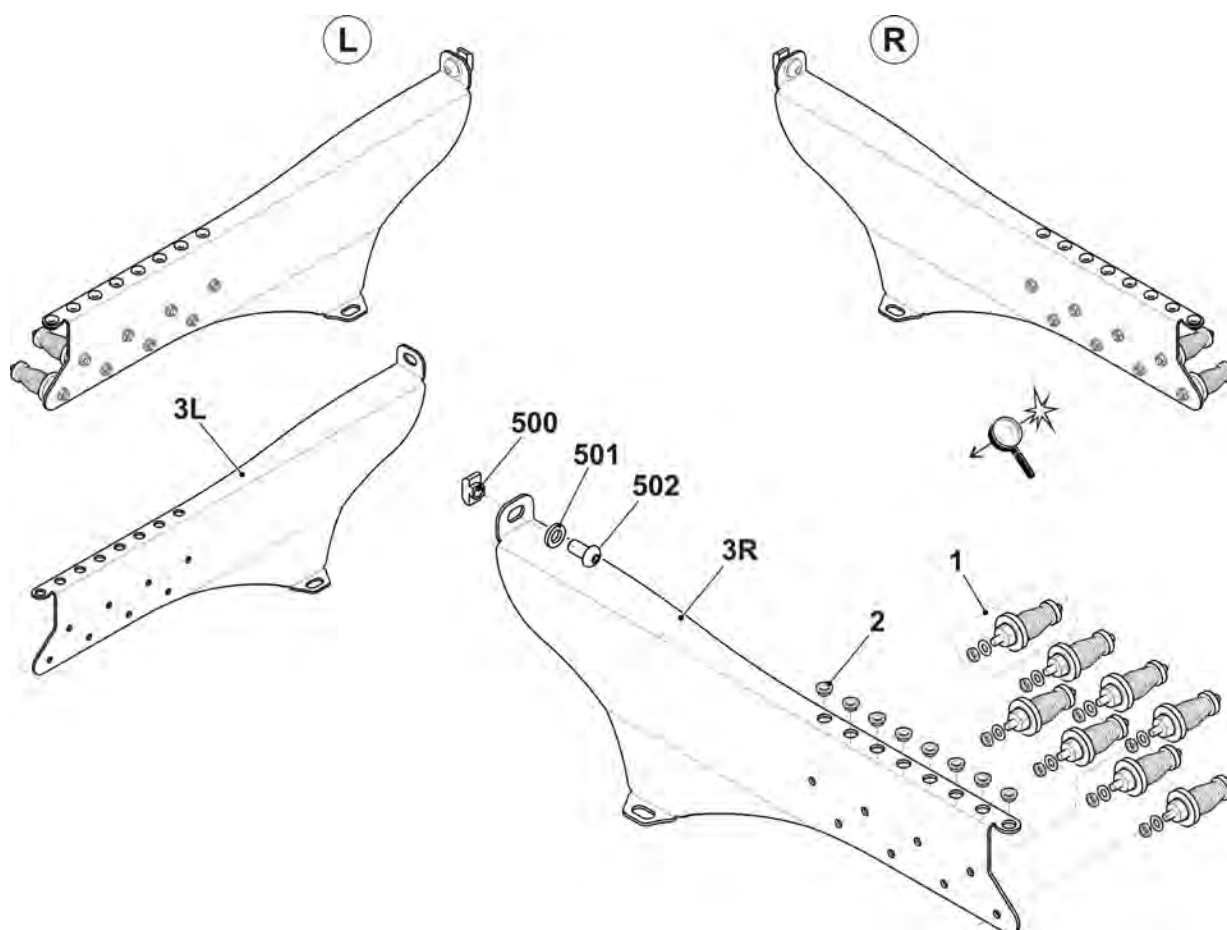
16.11 Storage feed wheel MSF-3 (E3-8)

Pos	Designation	ID	Note
Σ	Storage feed wheel MSF-3 complete E3-8	265 603	Please order the MSF-3 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 MSF-3 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Assembly kit MSF-3 complete	259 575	
2	Stopping device on the left complete E3-8	265 601	
3	Stopping device on the right complete E3-8	265 602	



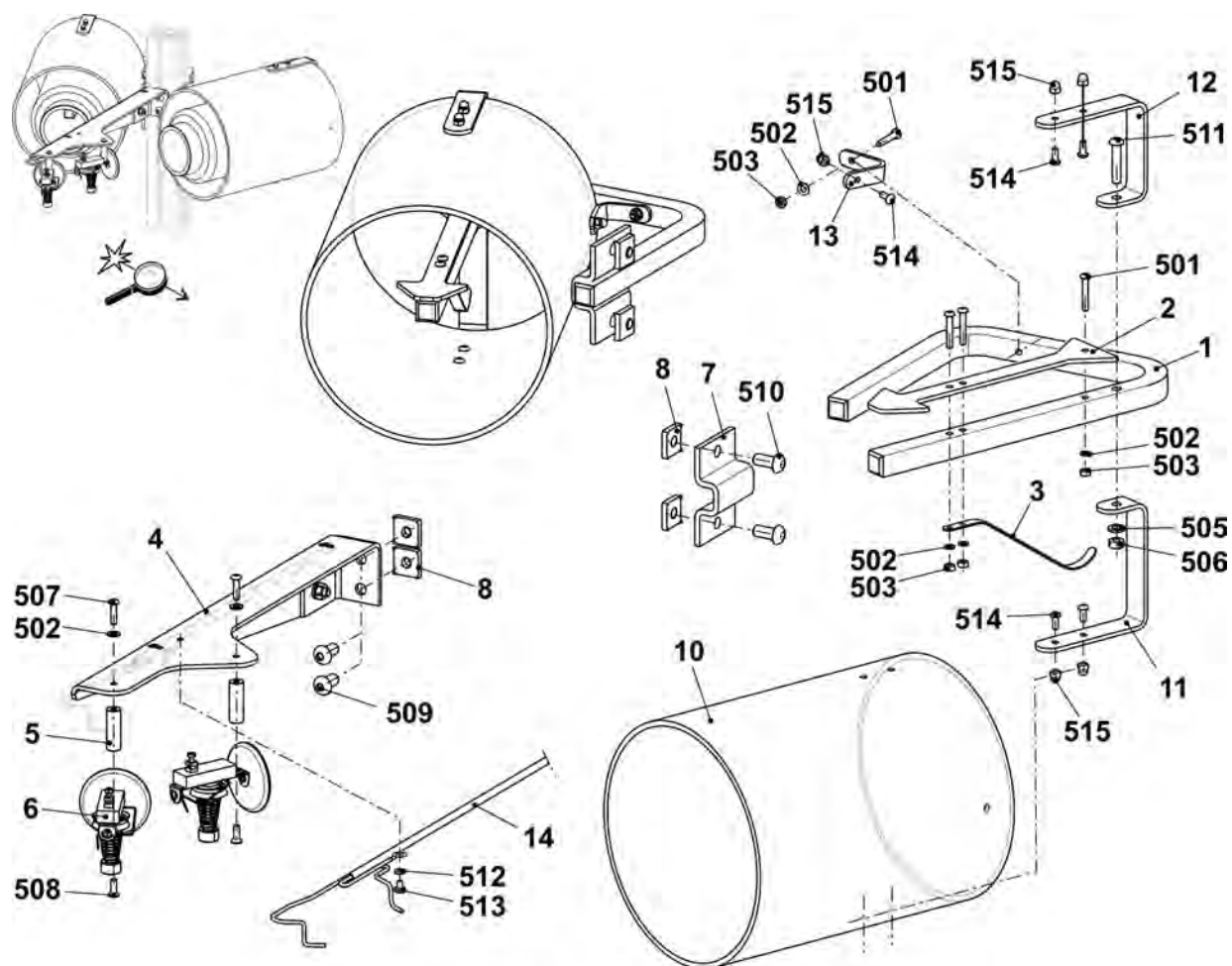
16.12 Stopping device E3-8

Pos	Designation	Id	Pos	Designation	Id
ΣL	Stopping device on the left complete E3-8	265 601	ΣL	Stopping device on the right complete E3-8	265 602
1	Yarn brake E5-8	264 353	1	Yarn brake E5-8	264 353
2	Eyelet	265 611	2	Eyelet	265 611
3L	Support yarn brake 502	260 726	3R	Support right	265 598
500	Hammer-head nut M8	261 845	500	Hammer-head nut M8	261 845
501	Serrated lock washer J8,4	023 388	501	Serrated lock washer J8,4	023 388
502	Pan-head screw M8x16	023 113	502	Pan-head screw M8x16	023 113



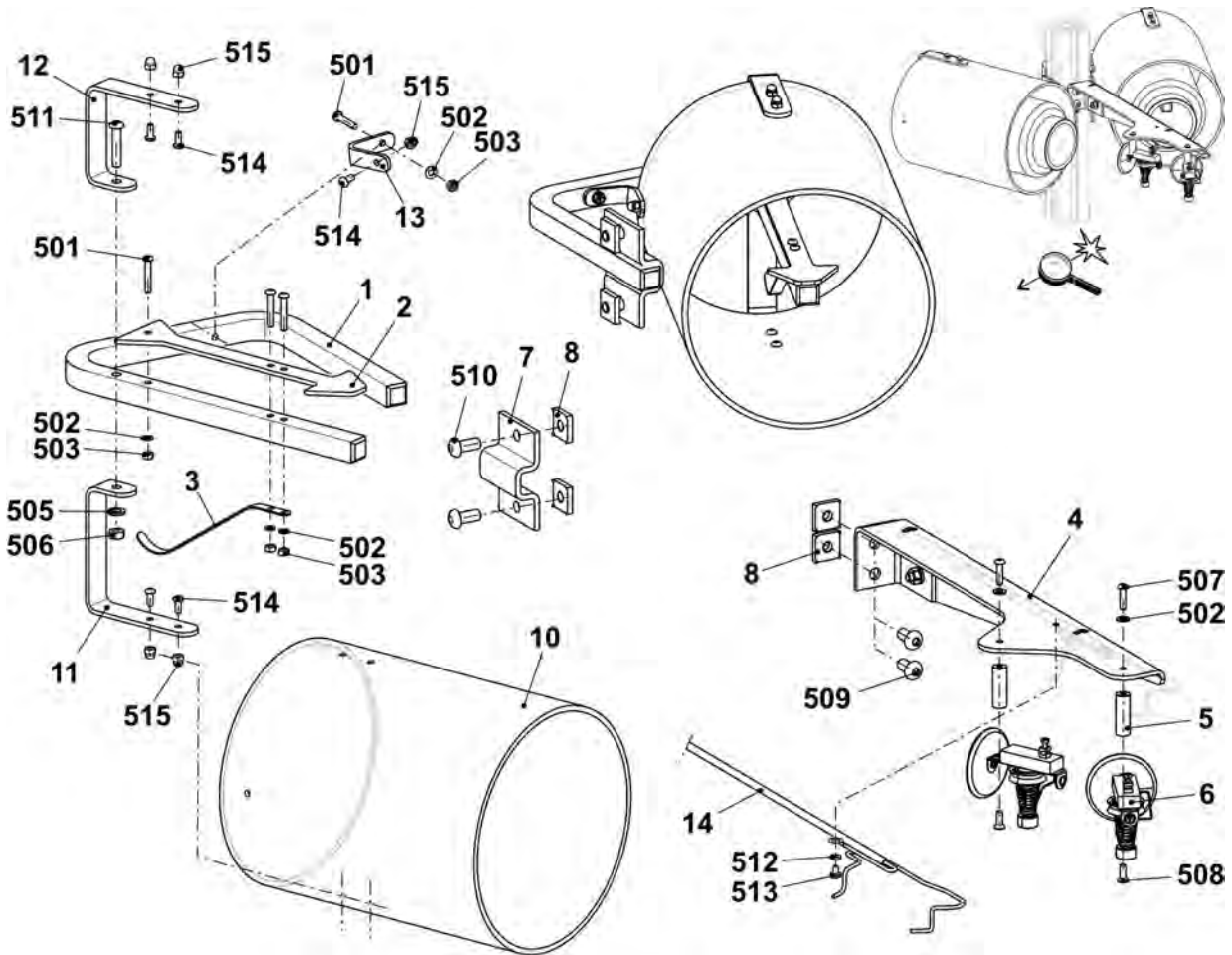
16.13 Bobbin holder on the left

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



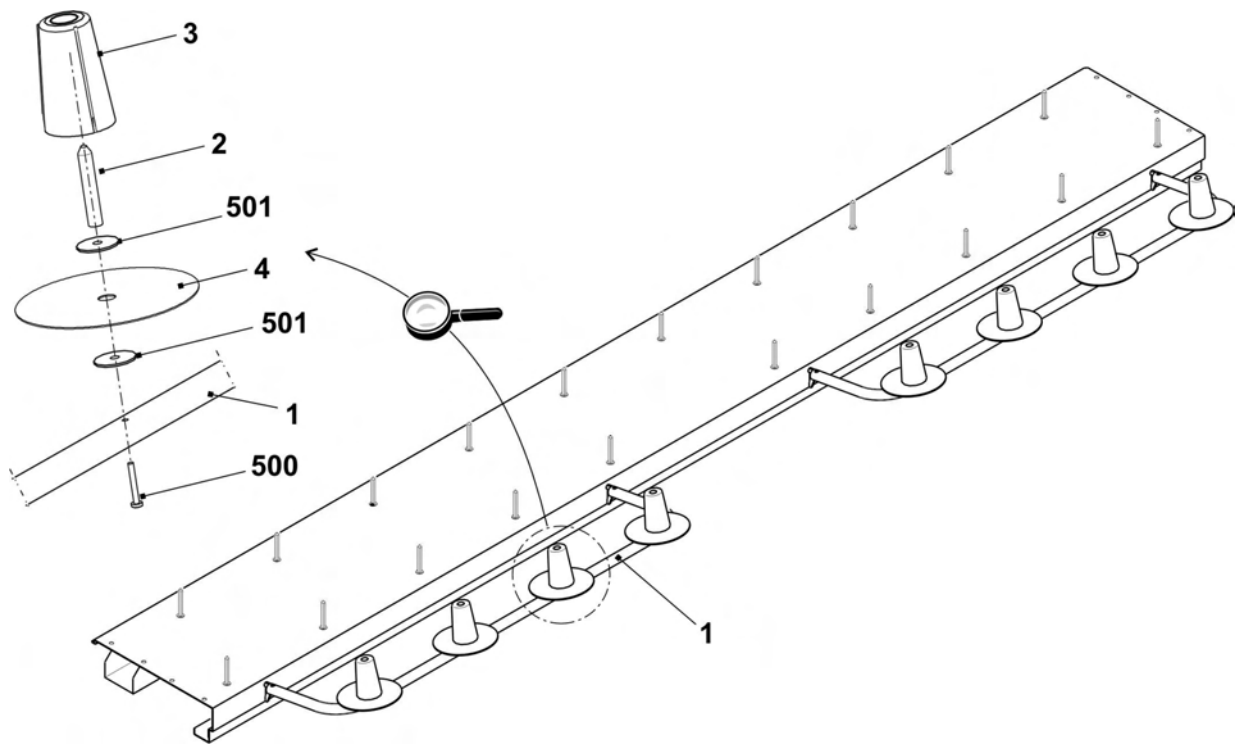
16.14 Bobbin holder on the right

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



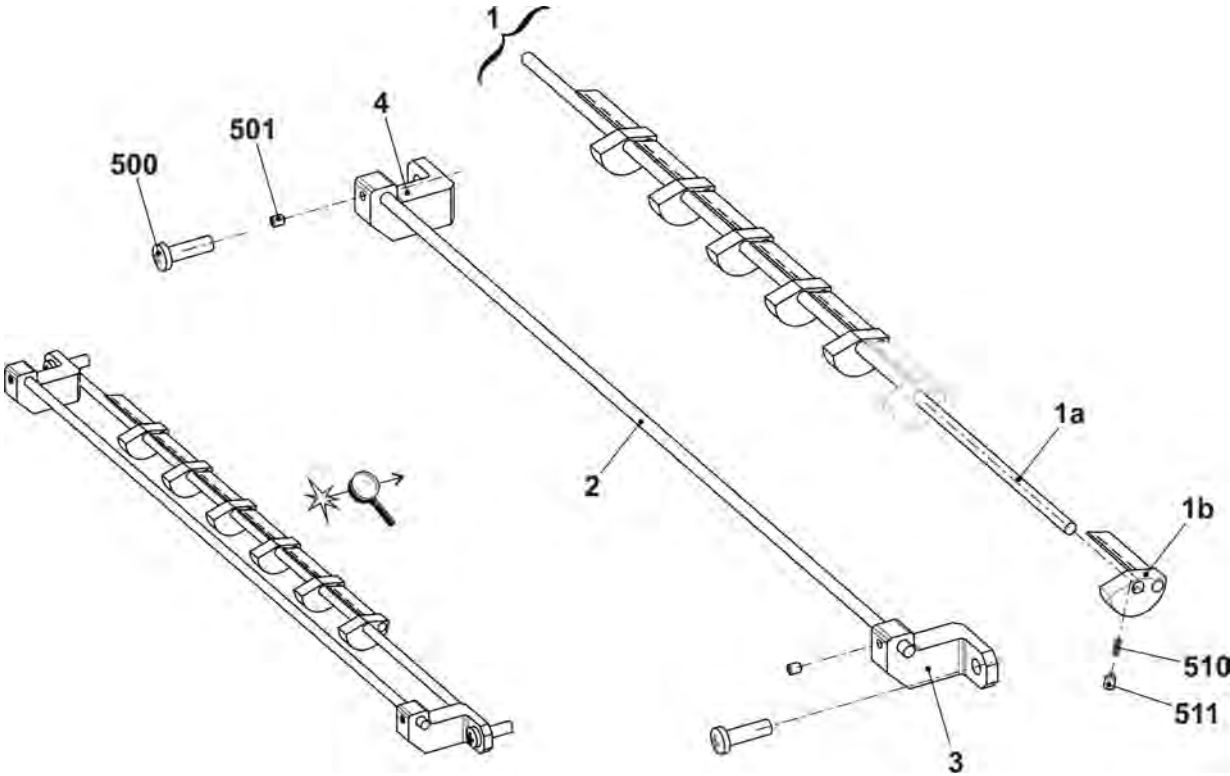
16.15 Additional bobbin board

Pos	Designation	Id	Pos	Designation	Id
Σ	Additional bobbin board	241 852			
1	Additional bobbin board welded	241 851	4	DiskD=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



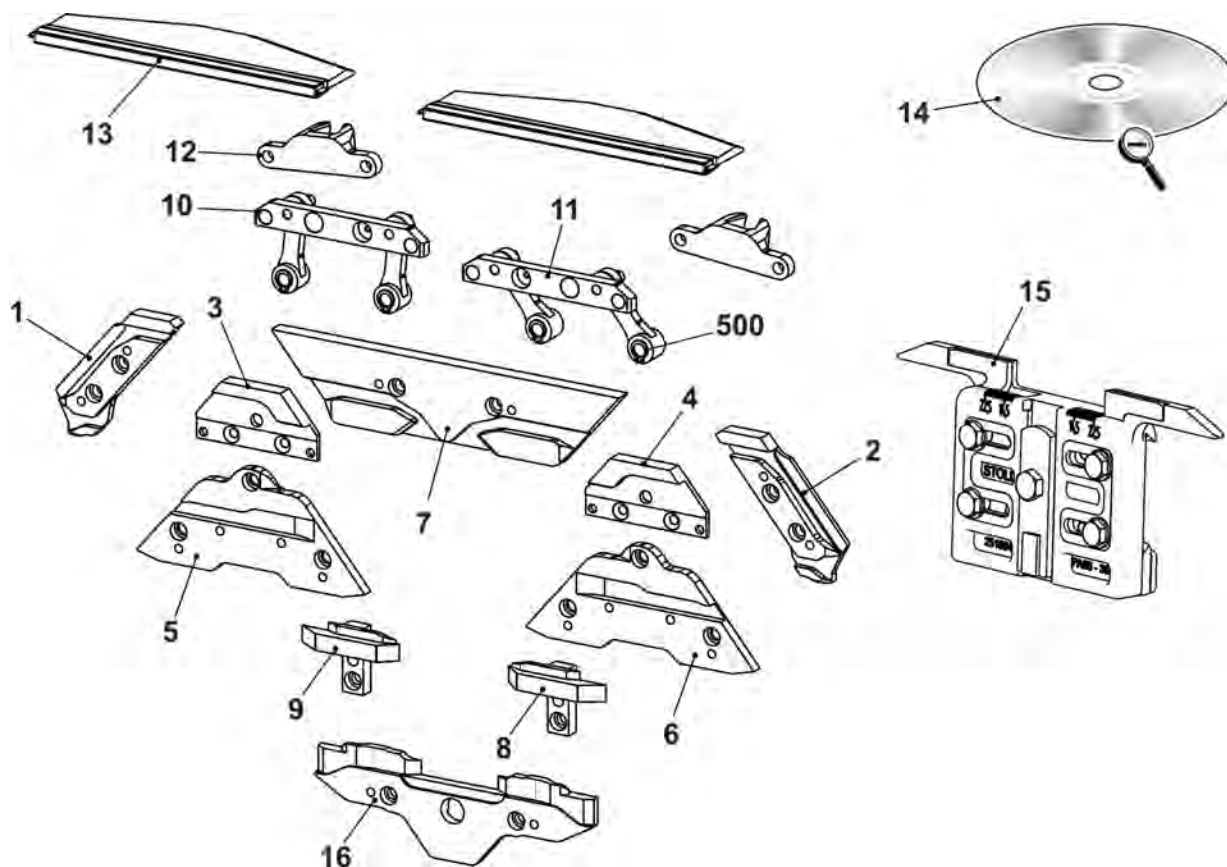
16.16 Sanding Paper Brake

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit sanding paper brake	257 674			
1	Axle complete	257 509	2	Shaft	241 318
1a	Shaft	241 318	3	Support sanding paper brake	257 586
1b	Adjusting part	257 508	4	Support sanding paper brake on the left	257 626
510	Compression spring 0,32x2,51x14,20	237 444	500	Screw KB 60x20	237 682
511	Setscrew M4x6	022 955	501	Setscrew M4x5	023 088



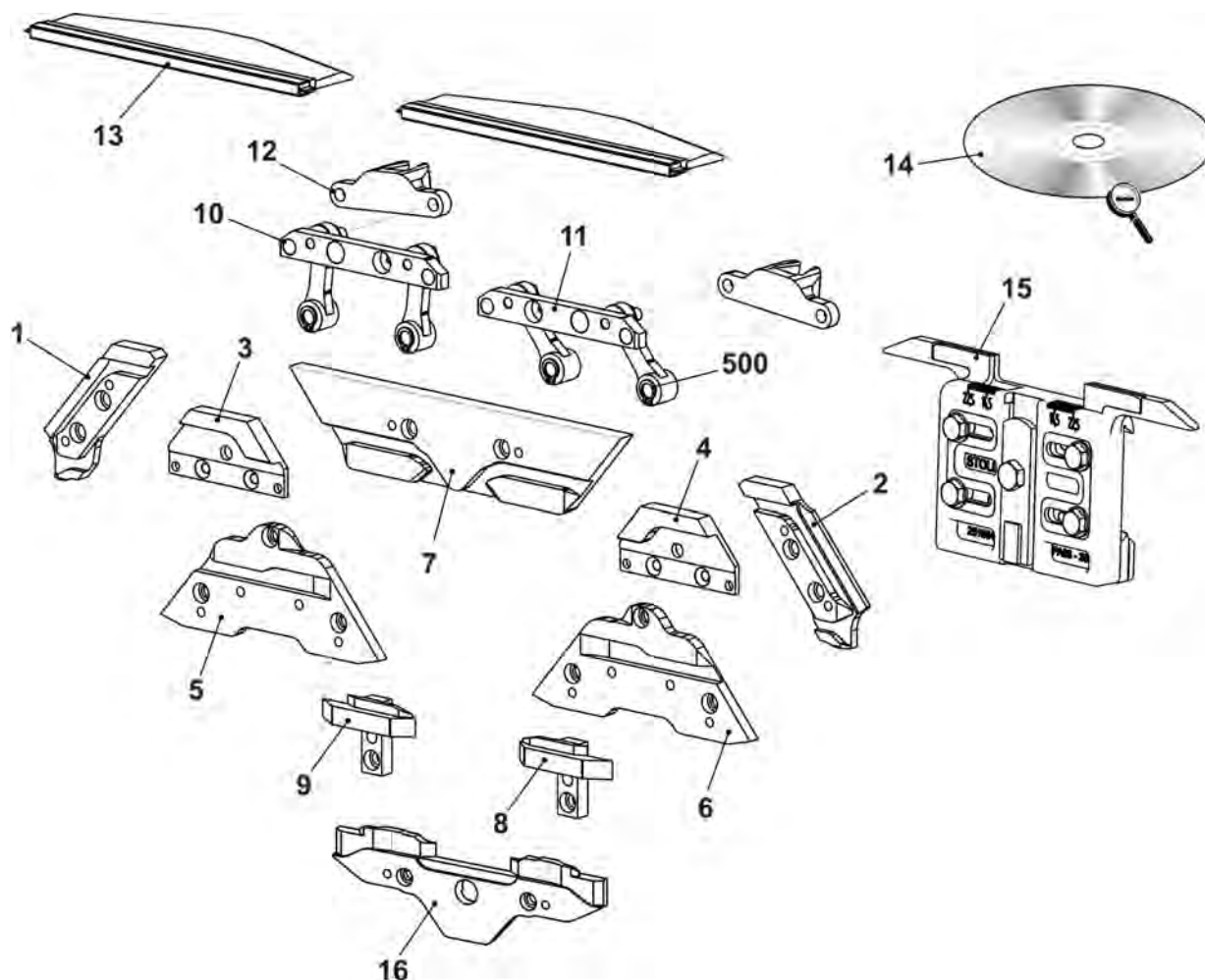
16.17 Devoré Kit E3,5.2 | E5

Pos	Designation	Id	Pos	Designation	Id
Σ	Devoré Kit	263 662	9	Pressure part on the rightE3,5.2	263 558
1	Stitch cam on the left E3,5.2	263 554	10	Slider on the left completeE7-12	218 777
2	Stitch cam on the right E3,5.2	263 555	11	Slider on the right completeE7-12	218 778
3	Limiting cam on the left E3,5.2	263 550	12	Plunger wide	260 926
4	Limiting cam on the right E3,5.2	263 551	13	Brush E9.2	237 977
5	Raising cam on the leftE3,5.2	264 962	14	Conversion DVD	260 696
6	Raising cam on the rightE3,5.2	264 963	15	Plating yarn carrier carriage complete	251 867
7	BridgeE3,5.2	263 721	16	Cam (PL)	218 213
8	Pressure part on the leftE3,5.2	263 557	500	Retaining ring5x0,6	023 347



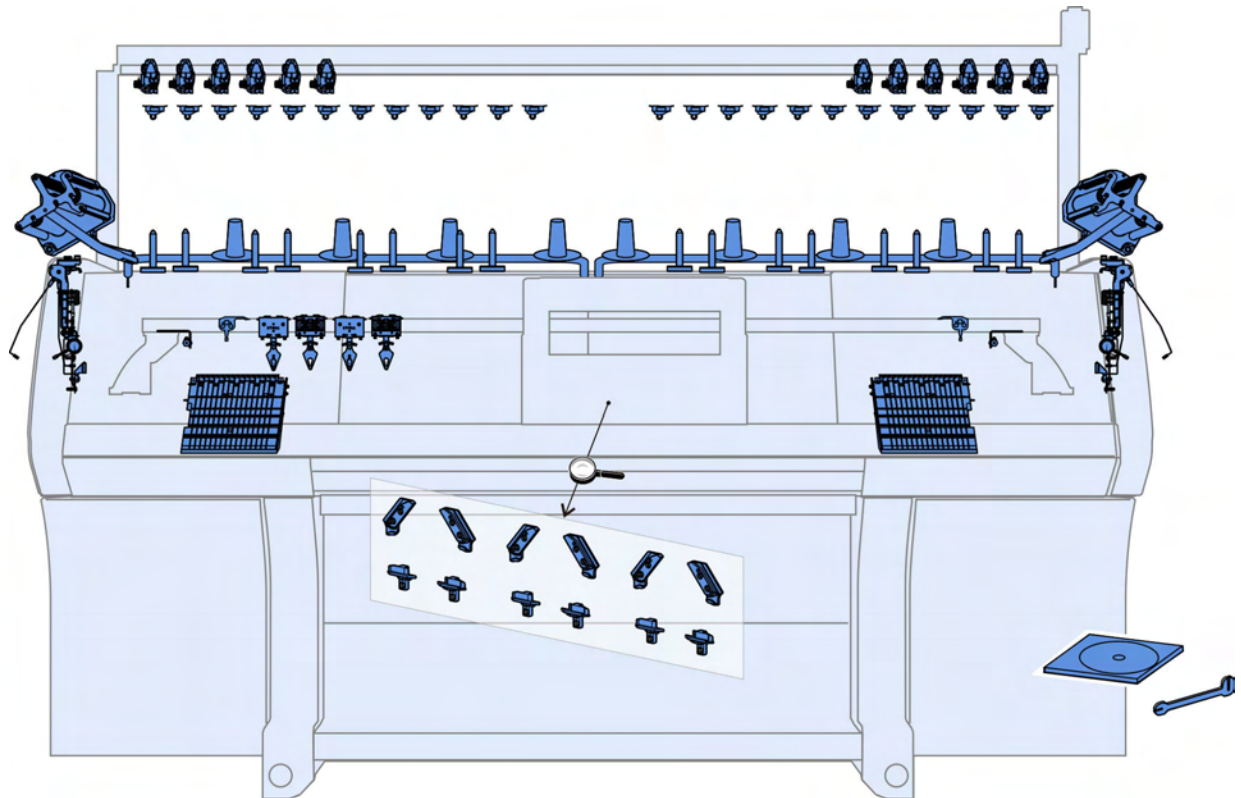
16.18 Devoré Kit E7

Pos	Designation	Id	Pos	Designation	Id
Σ	Devoré Kit complete E7	264 249	9	Pressure part on the rightE3,5.2	263 558
1	Stitch cam on the left E7	264 157	10	Slider on the left completeE7-12	218 777
2	Stitch cam on the right E7	264 158	11	Slider on the right completeE7-12	218 778
3	Limiting cam on the left E7	264 171	12	Plunger wide	260 926
4	Limiting cam on the right E7	264 172	13	BrushE9.2	237 977
5	Raising cam on the leftE7	264 173	14	Conversion DVD	260 696
6	Raising cam on the rightE7	264 174	15	Plating yarn carrier carriage complete	251 867
7	BridgeE7	264 169	16	Cam (PL)	218 213
8	Pressure part on the leftE3,5.2	263 557	500	Retaining ring5x0,6	023 347



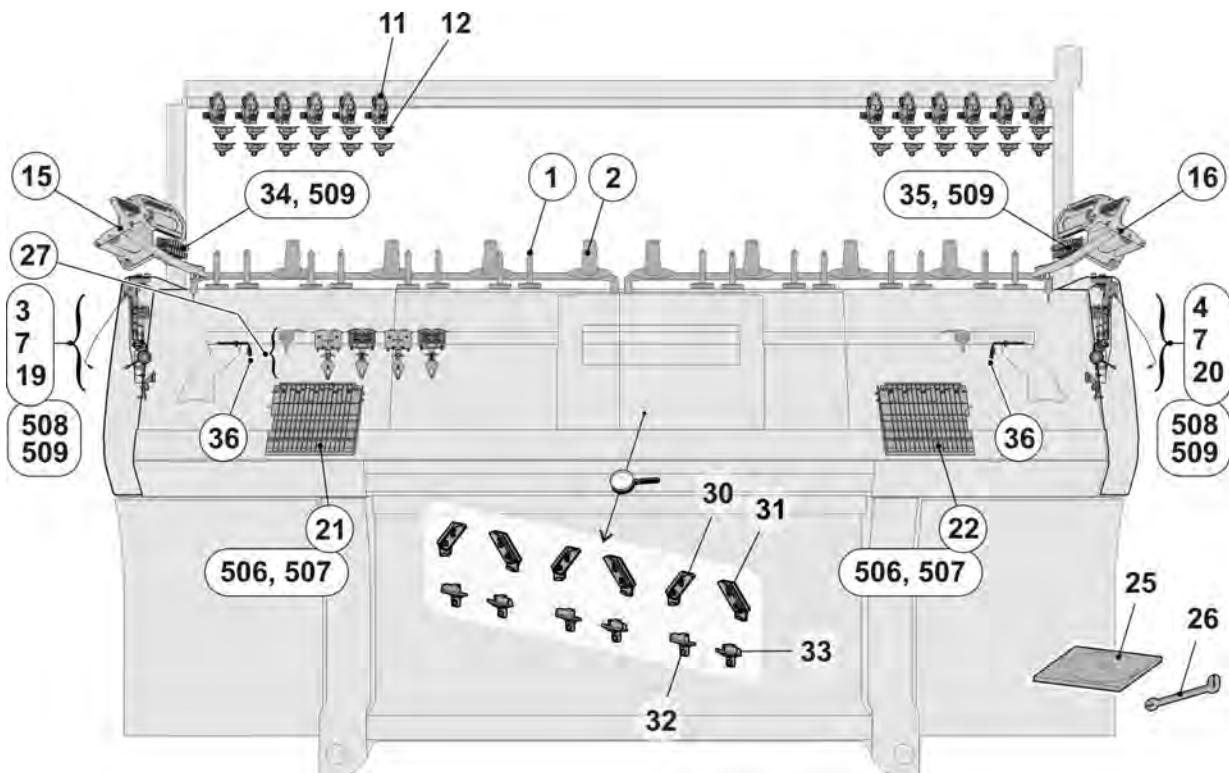
17 Conversion kit with 32 and 24 IFF Type 2

	Designation	ID
24 IFF	Conversion kit 24 IFF Type 2 E5	257 451
	Conversion kit 24 IFF Type 2 E7 E8	257 452
32 IFF	Conversion kit 32 IFF Type 2 E5	257 384
	Conversion kit 32 IFF Type 2 E7 E8	257 383



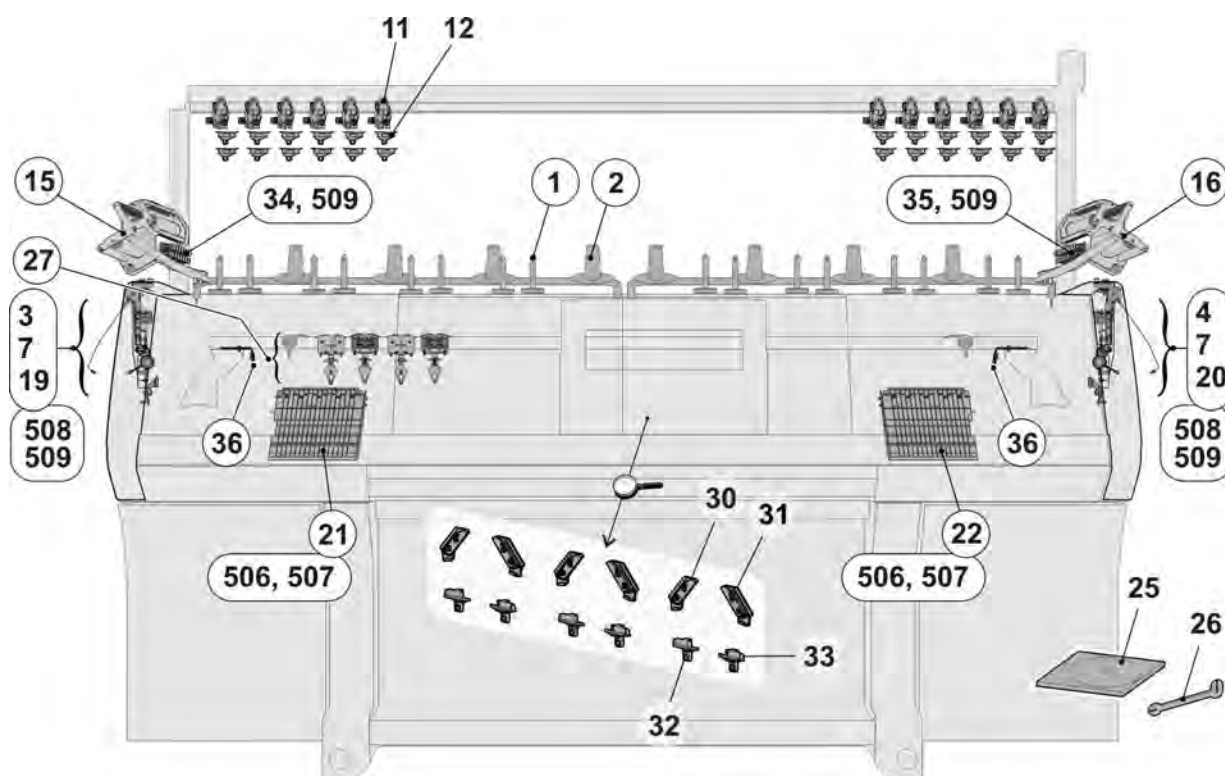
17.1 Overview of conversion kit E5

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF E5	257 451	25	DVD instructions conversion kit IFF	245 169
	Conversion kit 32 IFF E5	257 384	26	Adjusting part for yarn carrier bow	250 119
1	Magnetic holder complete	229 373	27	Yarn guide complete E5 IFF 24	256 934
2	Additional bobbin board 50" IFF complete	244 424		Yarn guide complete E5 IFF 32	245 161
3	Yarn tensioner on the left complete E5	244 498	30	Stitch cam on the left E5 short tuck	212 130
4	Yarn tensioner on the right complete E5	244 501	31	Stitch cam on the right E5 short tuck	212 129
7	Ceramic eyelet	240 640	32	Pressure part receiving on the left short tuck	240 697
11	Yarn control unit	237 124	33	Pressure part receiving on the right short tuck	240 698
12	Yarn guide bracket complete	241 581	34	Stopping device 16-fold on the left complete E3-8	265 382
15	Friction feed wheel 16 fold on the left complete	244 991	35	Stopping device 16-fold on the right complete E3-8	265 383
16	Friction feed wheel 16 fold on the right complete	244 992	36	Yarn guide bracket complete	259 403
19	Yarn deflector on the left complete	265 294	506	Dowel pin 6x16	020 677
20	Yarn deflector on the right complete	265 381	507	Screw M6x20	244 824
21	Left clamping and cutting bed E5-8	253 653	508	Screw 6x20	265 379
22	Clamping and cutting bed on the right E5-8	253 652	509	Pan-head screw M5x10	023 247



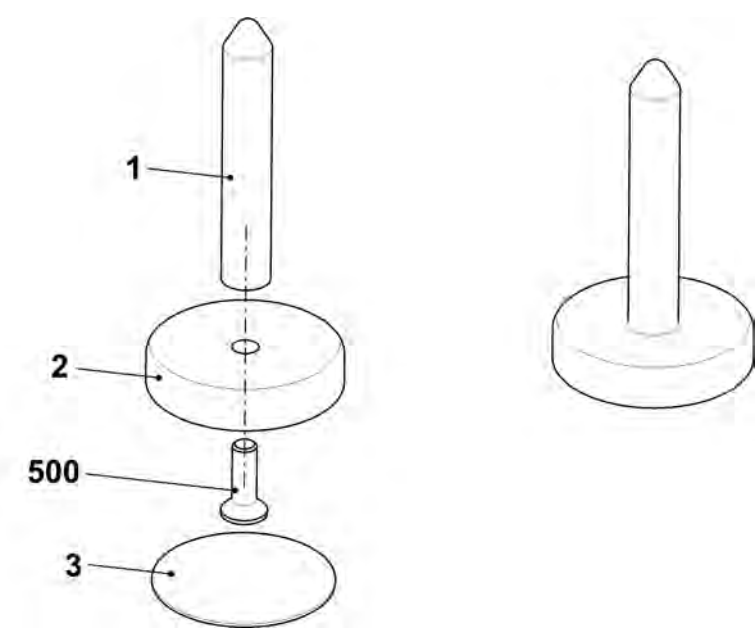
17.2 Overview of conversion kit E7|E8

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF E7-8	257 452	25	DVD instructions conversion kit IFF	245 169
	Conversion kit 32 IFF E7-8	257 383	26	Adjusting part for yarn carrier bow	250 119
1	Magnetic holder complete	229 373	27	Yarn guide complete E7-8 IFF 24	256 935
2	Additional bobbin board 50" IFF complete	244 424		Yarn guide complete E7-8 IFF 32	245 162
3	Yarn tensioner on the left complete E7-8	244 499	30	Stitch cam on the left E7-8 short tuck	212 057
4	Yarn tensioner on the right complete E7-8	244 502	31	Stitch cam on the right E7-8 short tuck	212 056
7	Ceramic eyelet	240 640	32	Pressure part receiving on the left short tuck	240 697
11	Yarn control unit	237 124	33	Pressure part receiving on the right short tuck	240 698
12	Yarn guide bracket complete	241 581	34	Stopping device 16-fold on the left complete E3-8	265 382
15	Friction feed wheel 16 fold on the left complete	244 991	35	Stopping device 16-fold on the right complete E3-8	265 383
16	Friction feed wheel 16 fold on the right complete	244 992	36	Yarn guide bracket complete	259 403
19	Yarn deflector on the left complete	265 294	506	Dowel pin 6x16	020 677
20	Yarn deflector on the right complete	265 381	507	Screw M6x20	244 824
21	Left clamping and cutting bed E5-8	253 653	508	Screw 6x20	265 379
22	Clamping and cutting bed on the right E5-8	253 652	509	Pan-head screw M5x10	023 247



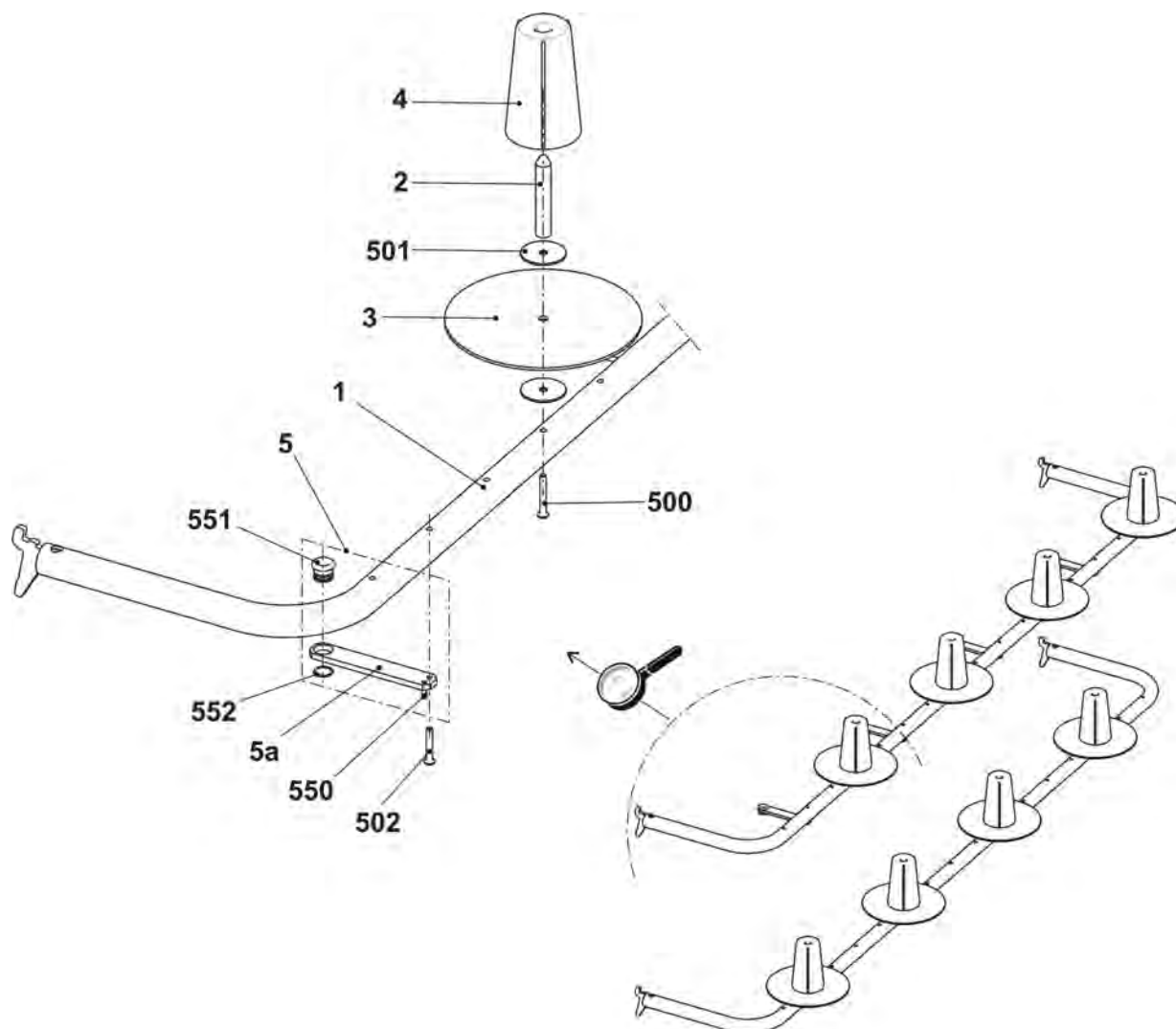
17.3 Magnet holder

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



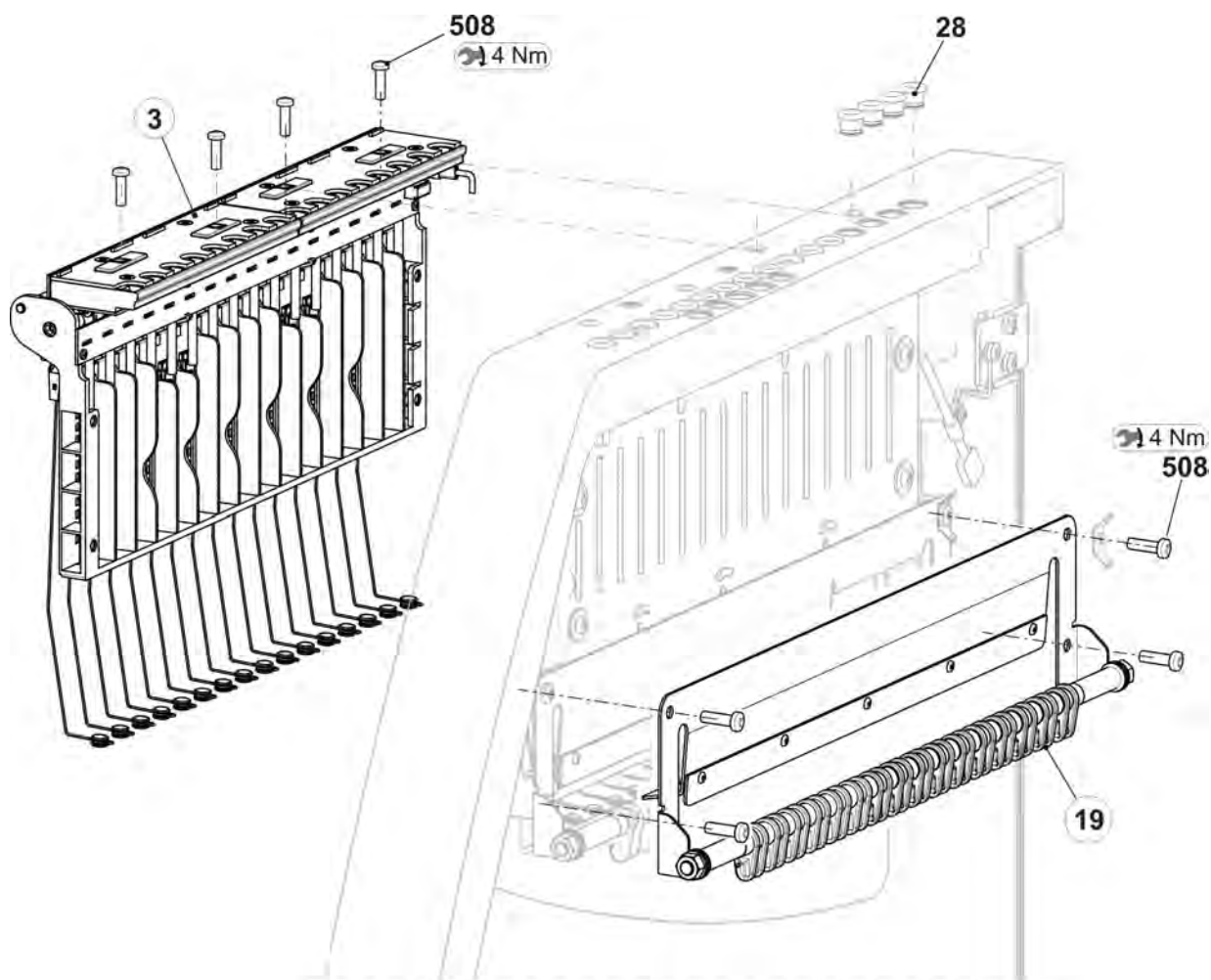
17.4 Additional bobbin board (top, bottom)

Pos	Designation	Id	Pos	Designation	Id
Σ	Additional bobbin board 50" IFF complete	244 424			
1	Additional bobbin board welded	243 608	5	550 Dowel pin 3x12	020 647
2	Positioning pin	202 777		551 Eyelet	021 504
3	DiskD=130	062 385		552 Snap ring A12	020 996
4	Bobbin support	200 363	500	Pan-head screw M4x30	023 681
5	Yarn guide	243 765	501	Washer 5,3x30x1,25	023 556
5a	Guide part	243 623	502	Pan-head screw M4x25	023 511



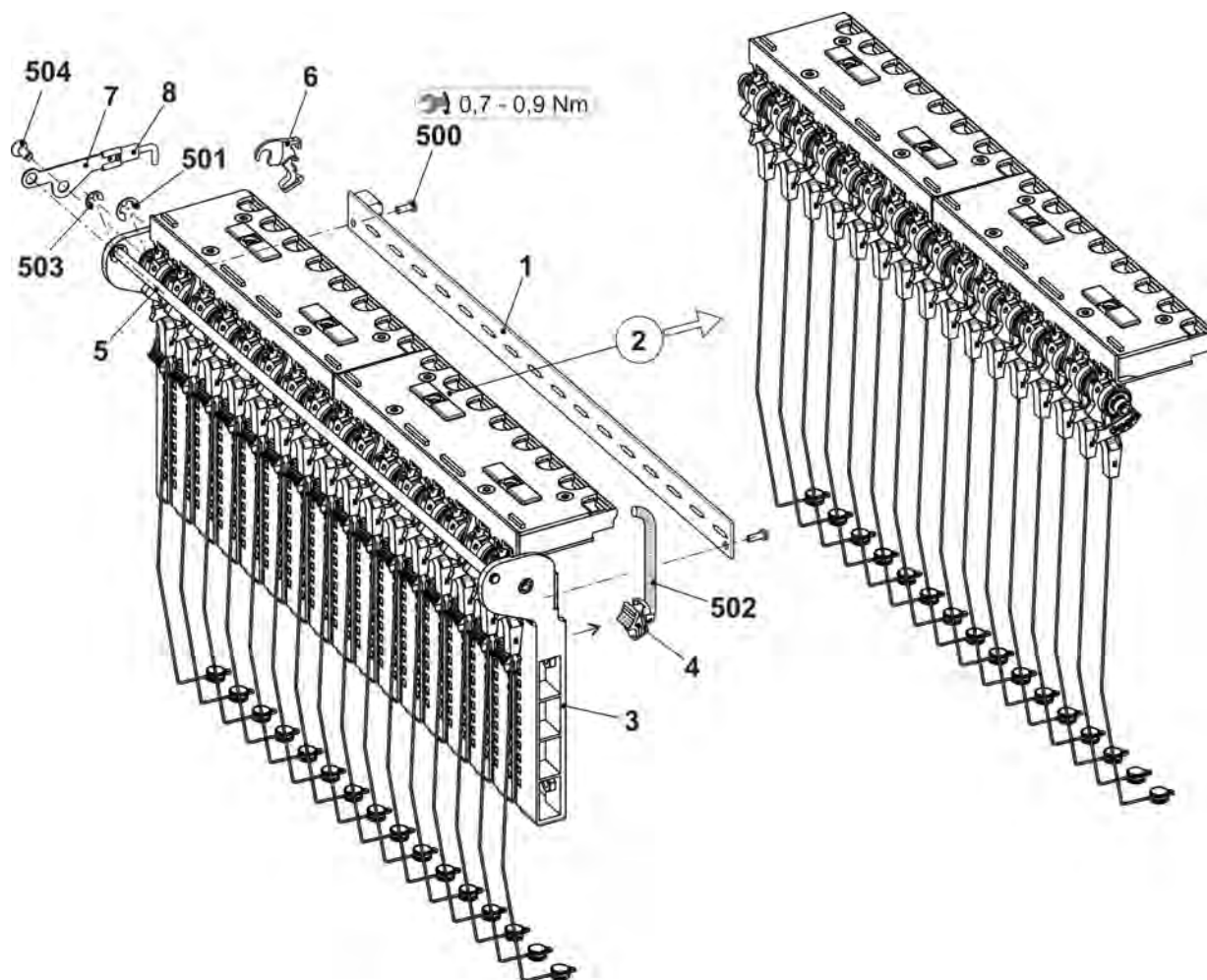
17.5 Parts for the left safety door

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the left complete		19	Yarn deflector on the left complete	265 294
	E5 E2,5.2 E3,5.2 E5.2	244 449	28	Ceramic eyelet	240 640
	E7 8	258 461	508	Screw 6x20	265 379



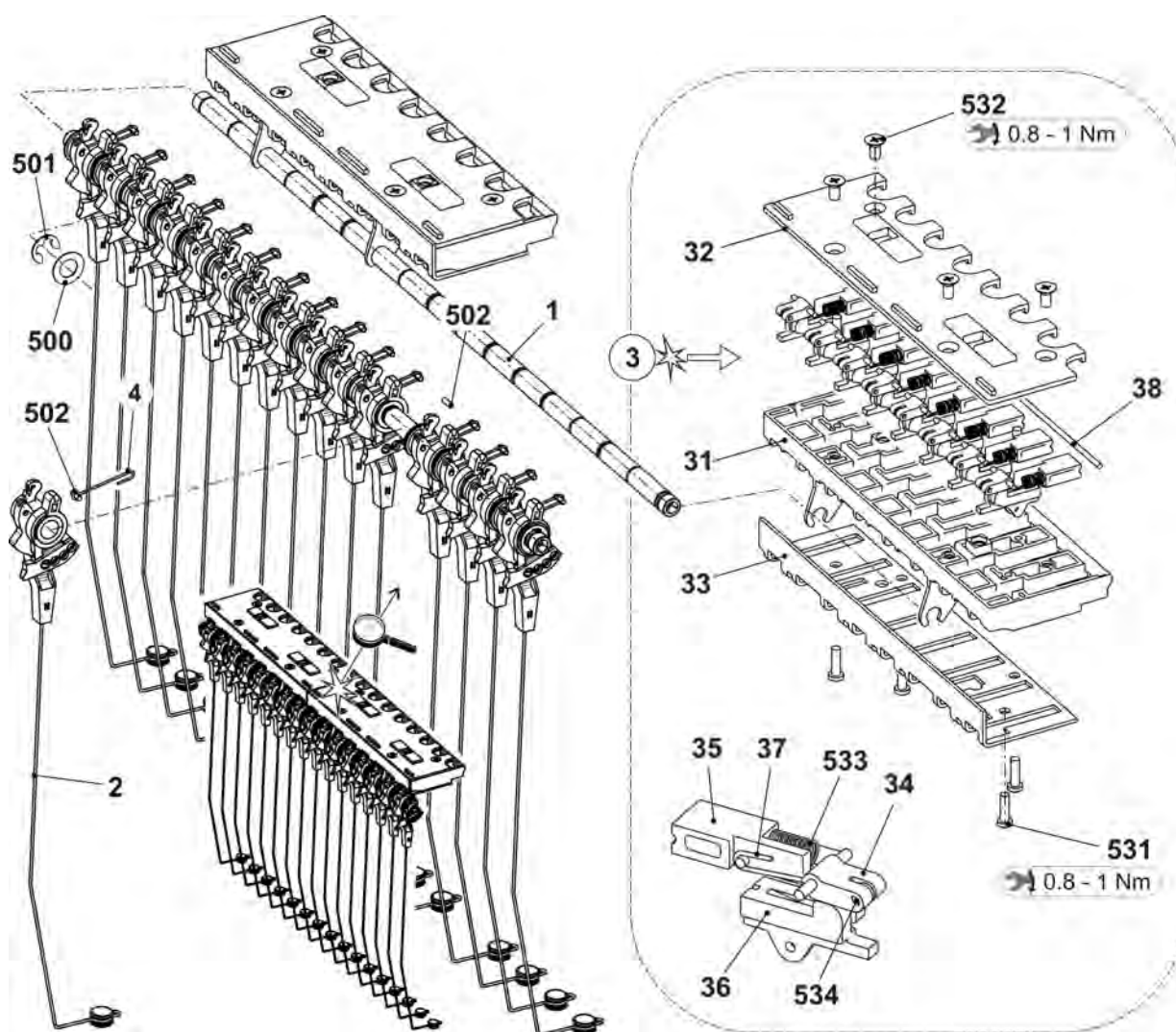
17.5.1 Yarn tensioner on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the left complete				
	E5 E2,5.2 E3,5.2 E5.2	244 498	7	Grounding plate of tension axle	243 121
	E7 E8	244 499	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 completeE3-8	244 494	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E3-5)	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 (E7-8)	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



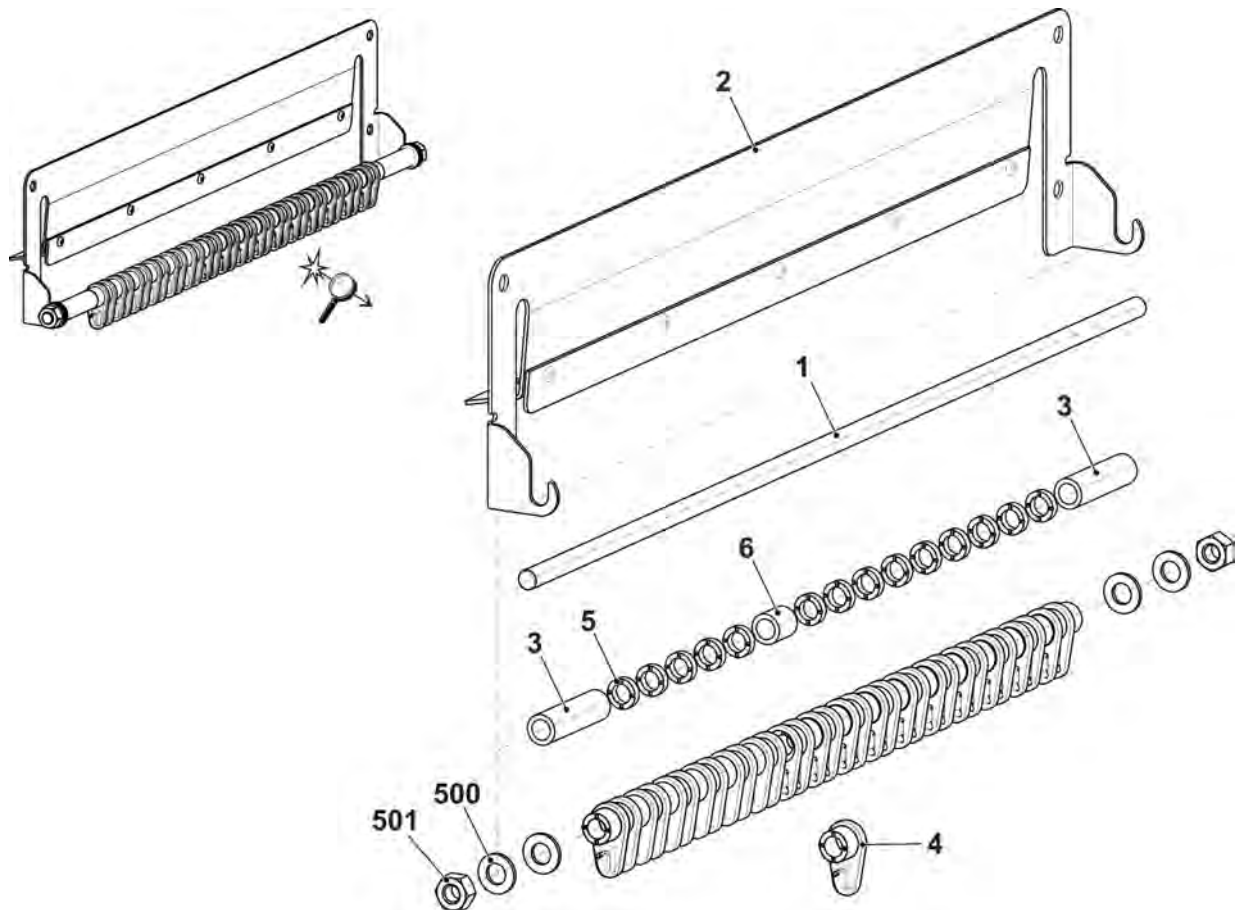
17.5.1.1 Tension axle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle completeE3-8	244 494	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembledE3-8	259 448	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	HousingAKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



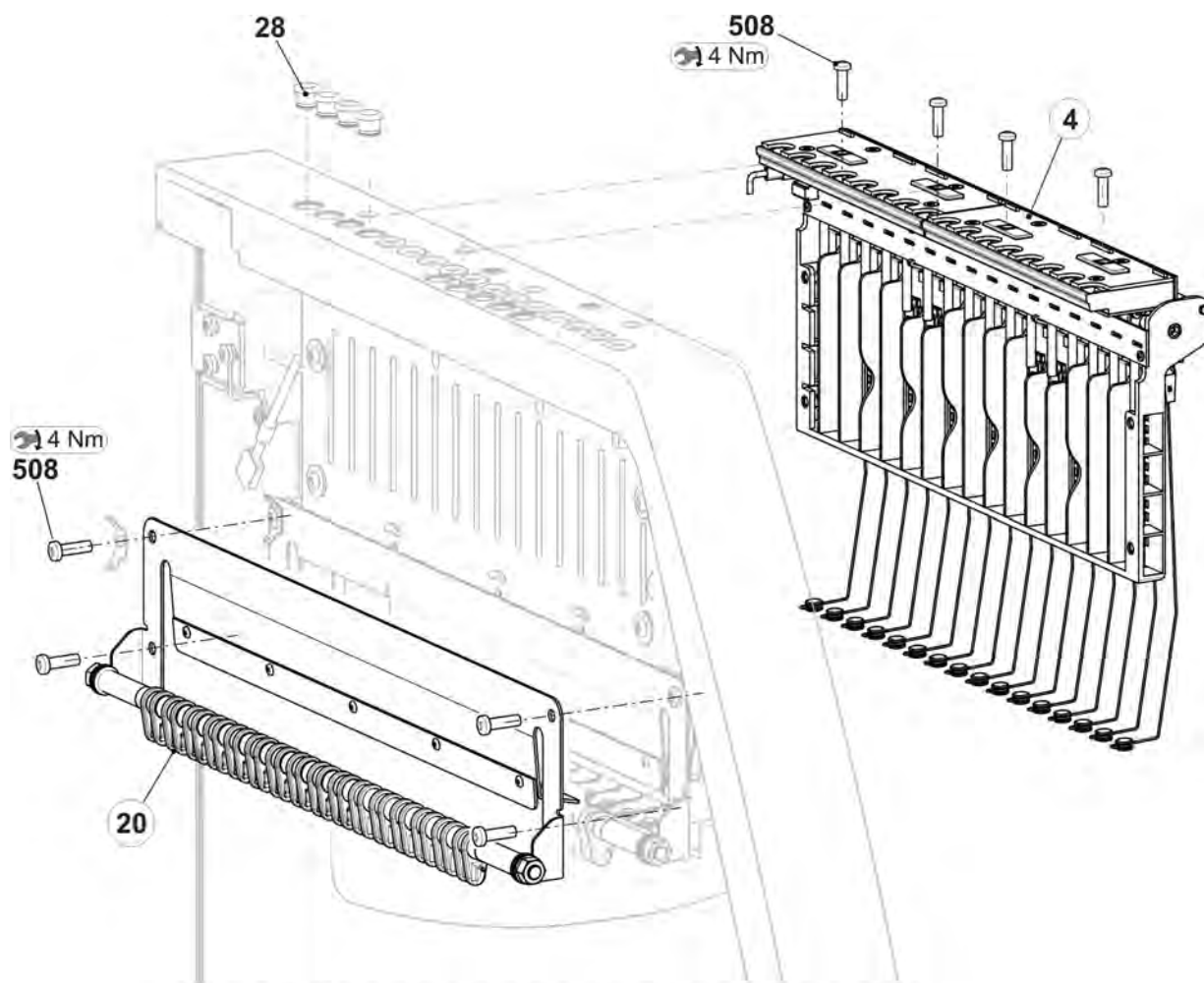
17.5.2 Yarn deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the left complete	265 294			
1	Axle	265 284	5	Distance bushingE3-4	262 445
2	Stop plate left complete	265 302	6	Distance bushing	264 997
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10 E3-4	262 391	501	Hexagon nut M8-6	261 011



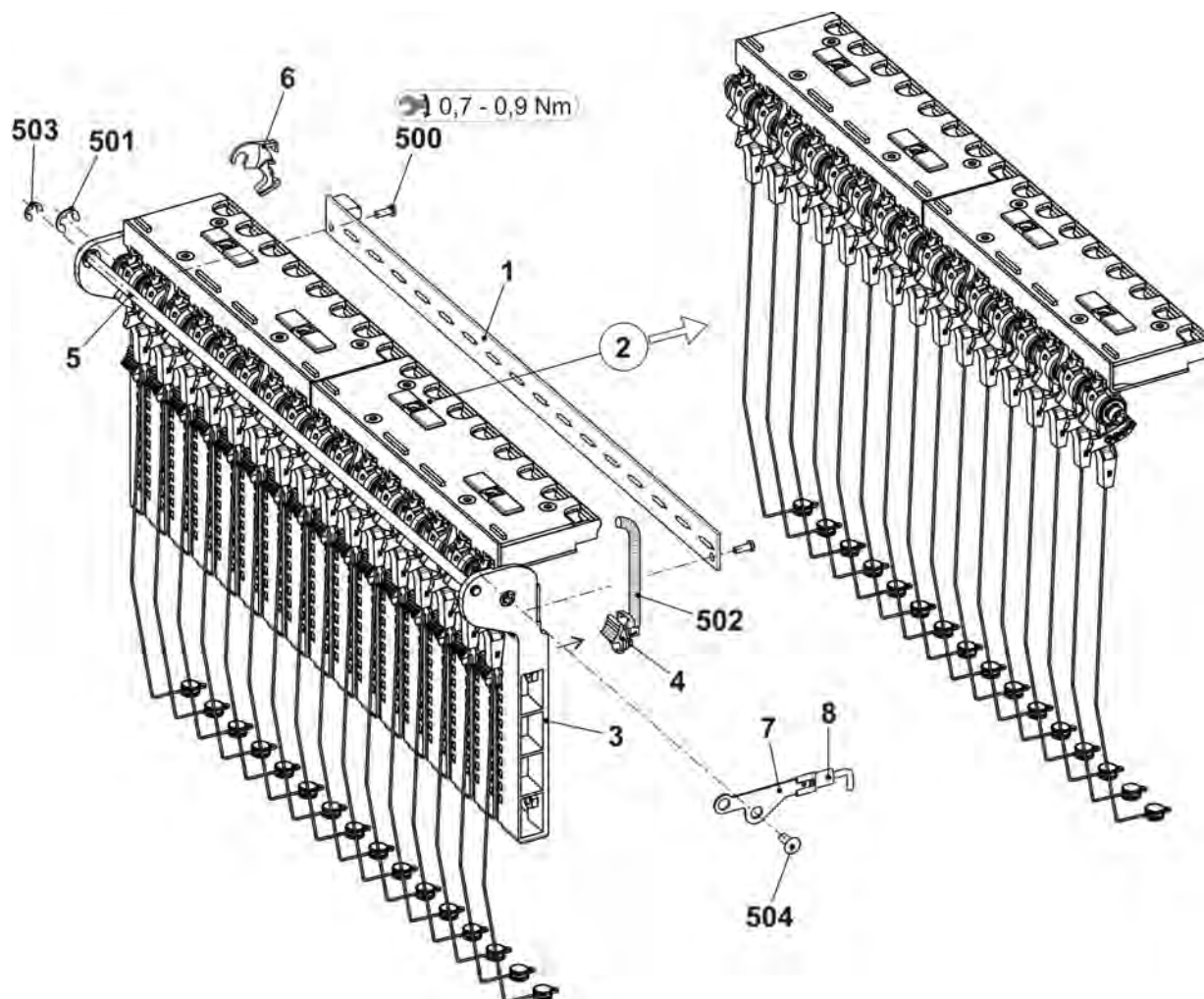
17.6 Parts for the right safety door right

Pos	Designation	ID	Pos	Designation	ID
4	Yarn tensioner on the right complete		20	Yarn deflector on the right complete	265 381
	E5 E2,5.2 E3,5.2 E5.2	244 501	28	Ceramic eyelet	240 640
	E7 8	244 502	508	Screw 6x20	265 379



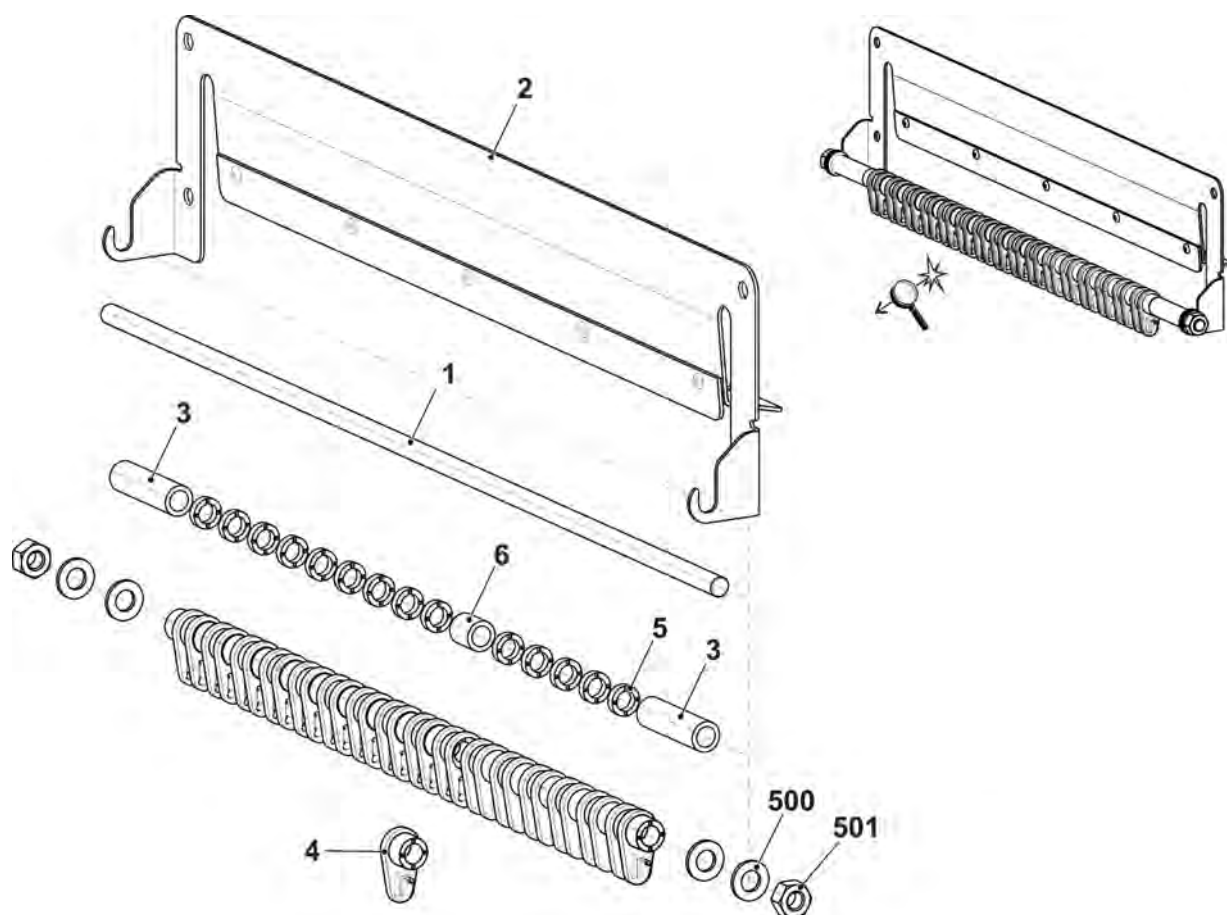
17.6.1 Yarn tensioner on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the right complete				
	E5 E2,5.2 E3,5.2 E5.2	244 501	7	Grounding plate of tension axle	243 121
	E7 E8	244 502	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 completeE3-8	244 494	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E3-5)	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 (E7-8)	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



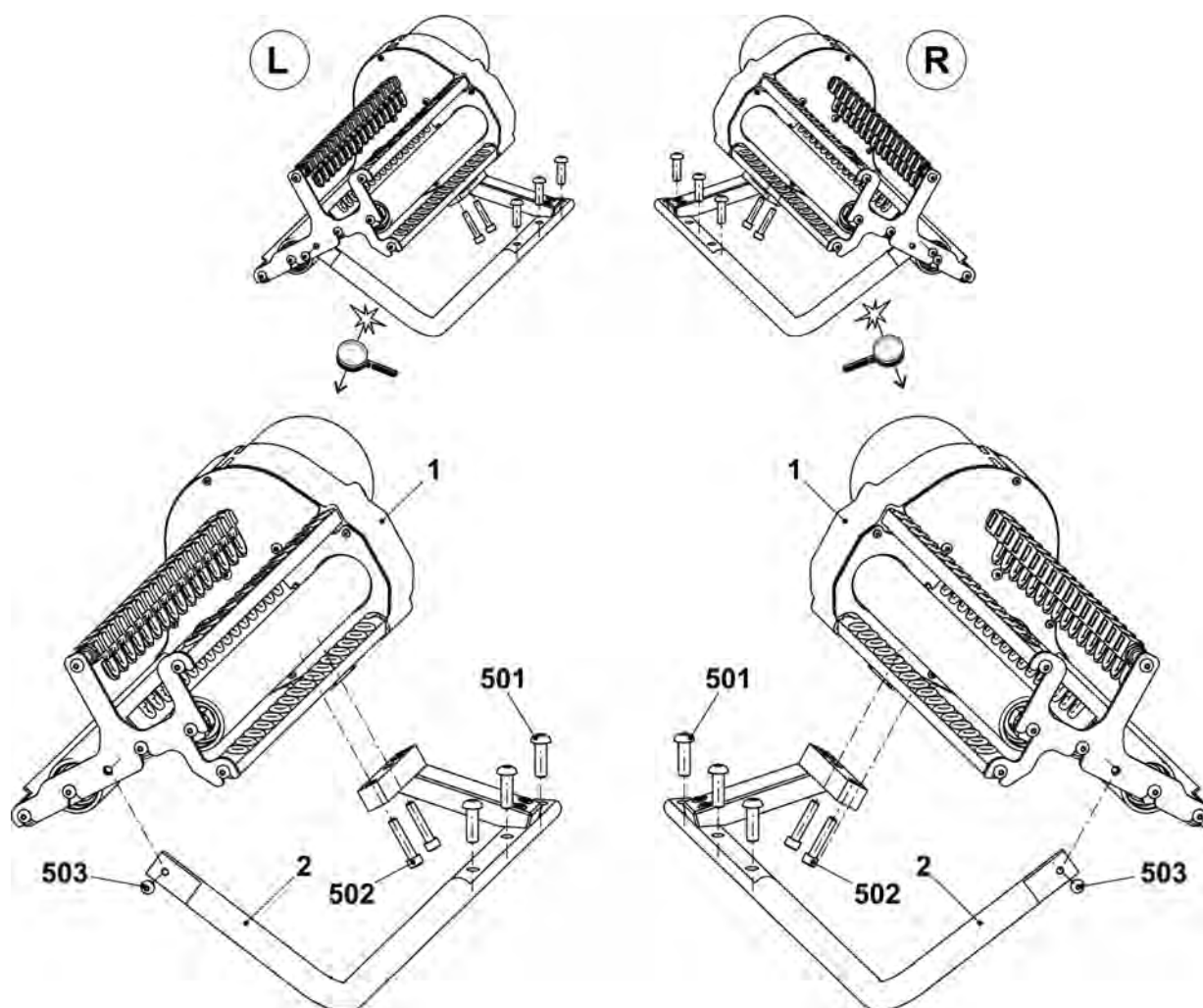
17.6.2 Yarn deflector on the right complete

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the right complete	265 381			
1	Axle	265 284	5	Distance bushingE3-4	262 445
2	Stop plate right complete	265 303	6	Distance bushing	264 997
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10 E3-4	262 391	501	Hexagon nut M8-6	261 011



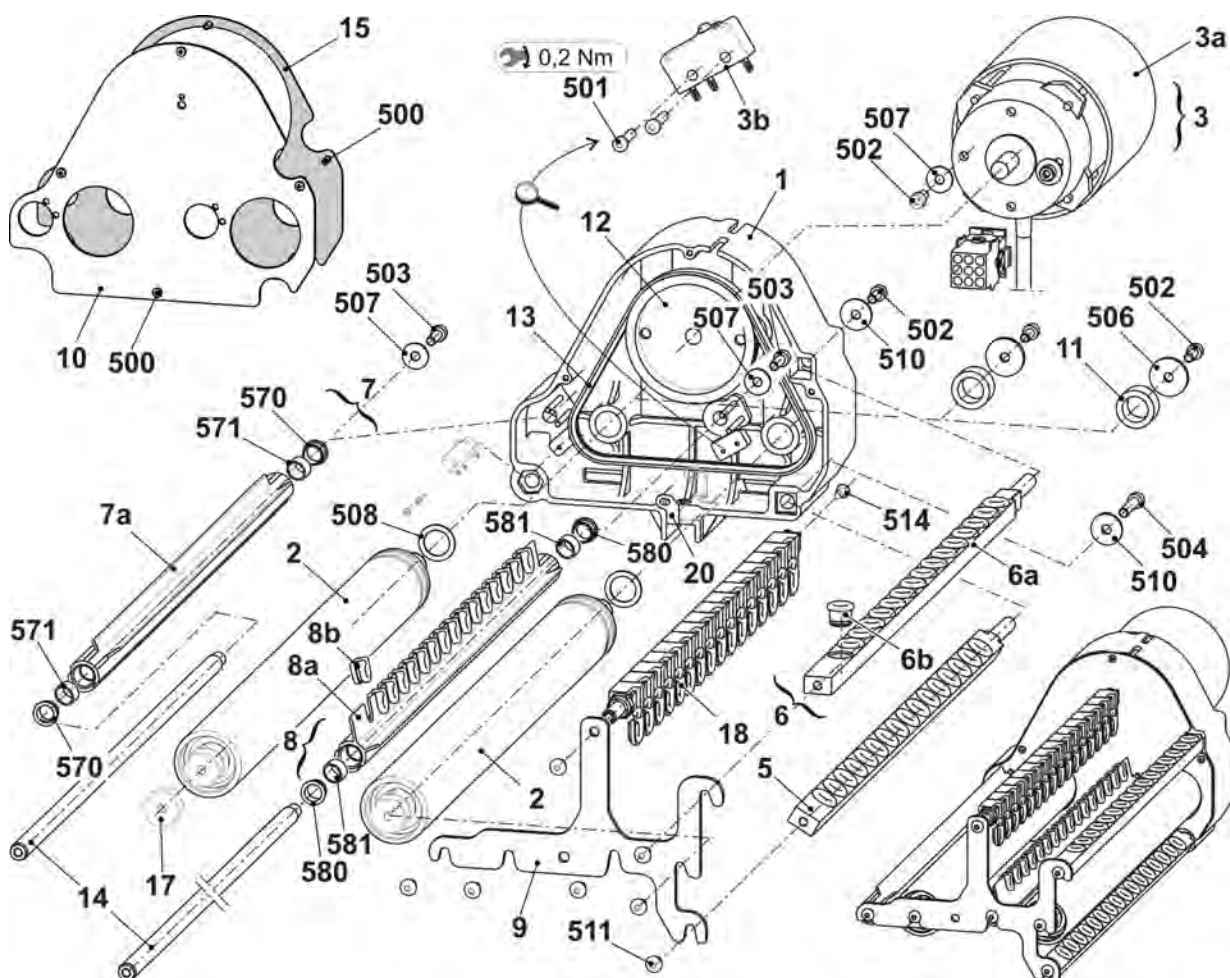
17.7 Friction feed wheel on the left and on the right complete

Pos	Designation	Id	Pos	Designation	Id
ΣL	Friction feed wheel 16 fold on the left complete	244 991	ΣR	Friction feed wheel 16 fold on the right complete	244 992
1	Friction feed wheel on the left	244 185	1	Friction feed wheel on the right	244 186
2	Support on the left	243 869	2	Support right	244 142
501	Pan-head screw M8x25	023 027	501	Pan-head screw M8x25	023 027
502	Cap screw M6x30	020 138	502	Cap screw M6x30	020 138
503	Pan-head screw M5x8	239 408	503	Pan-head screw M5x8	239 408



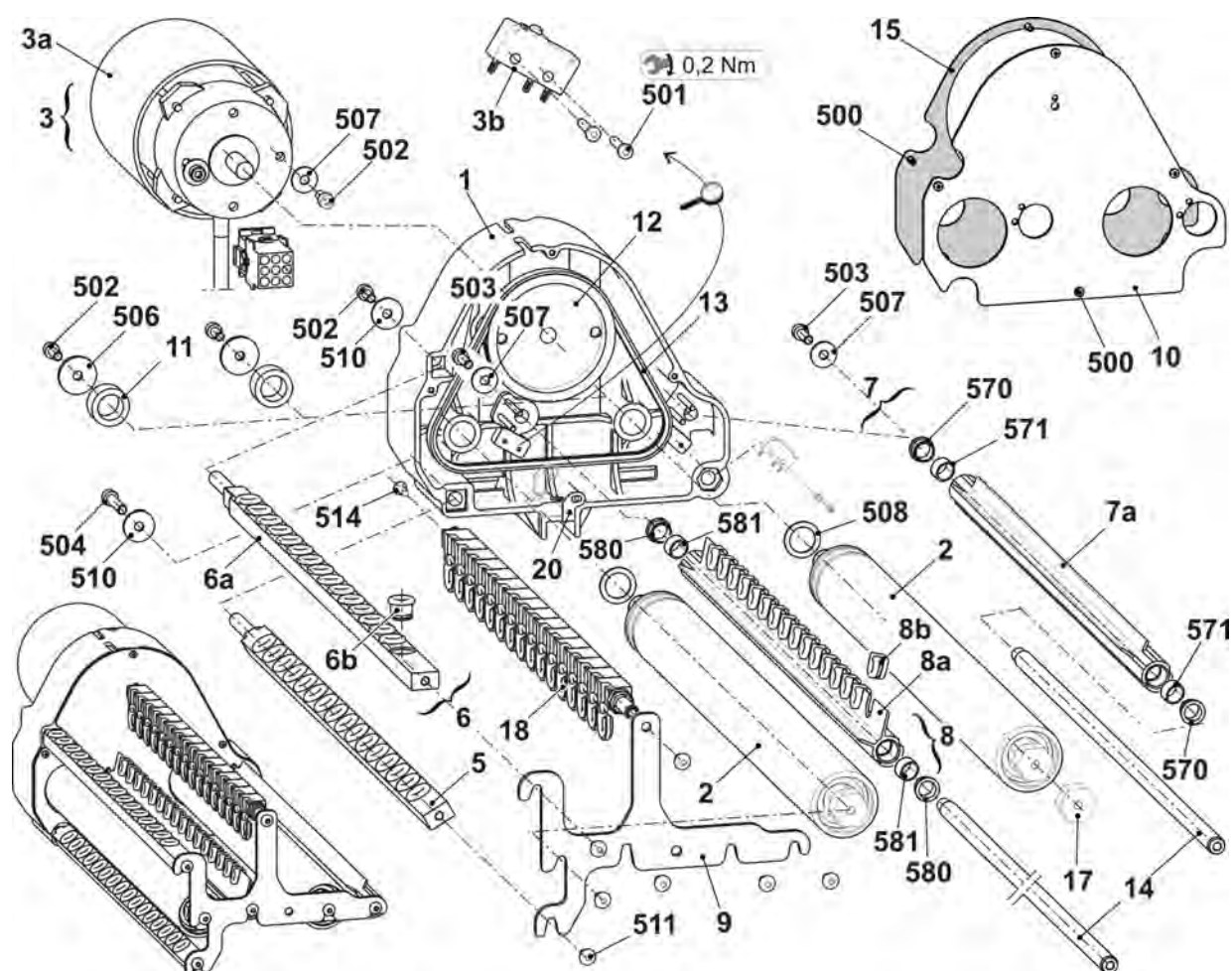
17.7.1 Friction feed wheel on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the left complete	244 185	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
3a	Three-phase AC motor	220 161	14	Rod	243 868
3b	Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 576	17	Threaded bolt	244 564
6	Yarn guide rod 16-fold complete	244 578	18	Deflector complete 16-fold	250 102
6a	Yarn guide rod 16-fold	244 577	20	Grounding plate	256 622
6b	Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw 20x10	265 445
7a	Stop motion rail on the right	243 864	502	Cap screw M5x12	020 132
570	Slide bearing GFM-101214-07	023 627	503	Cap screw M5x16	022 726
571	Guide piece	259 453	504	Cap screw M5x25	023 523
8	Stop motion rail on the left complete	243 865	506	Washer 5,3x22x2,5	023 219
8a	Stop motion rail on the left	243 866	507	Washer 5	020 901
8b	Eyelet	230 662	508	Shim ring 15x21x1	023 216
580	Slide bearing GFM-101214-07	023 627	510	Washer 5	023 542
581	Guide piece	259 453	511	Pan-head screw M5x8	239 408
9	Bracket	251 113	514	Pan-head screw M4x8	023 579



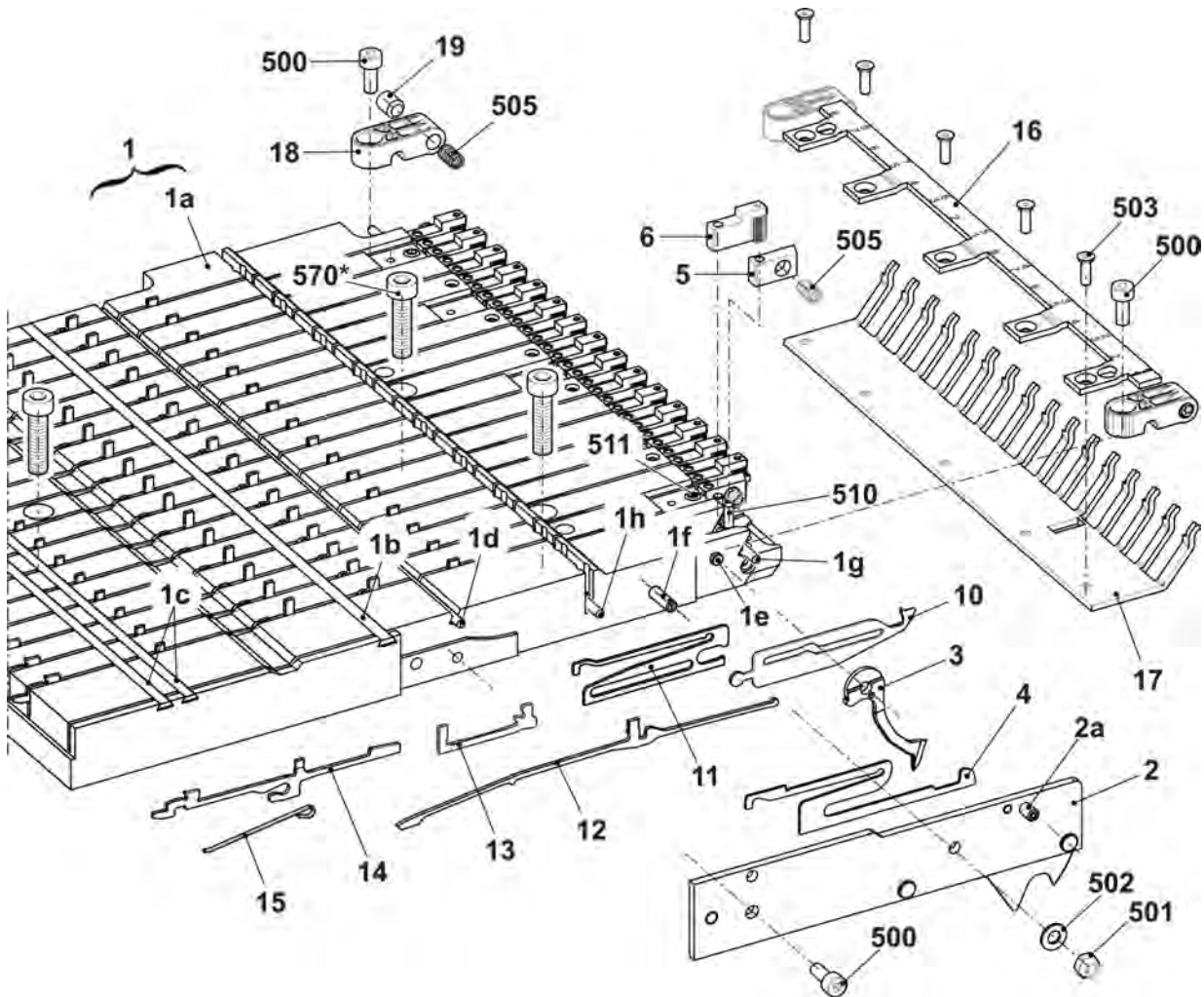
17.7.2 Friction feed wheel on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the right complete	244 186	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
3a	Three-phase AC motor	220 161	14	Rod	243 868
3b	Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 772	17	Threaded bolt	244 564
6	Yarn guide rod 16-fold complete	244 578	18	Deflector complete 16-fold	250 102
6a	Yarn guide rod 16-fold	244 577	20	Grounding plate	256 622
6b	Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw 20x10	265 445
7a	Stop motion rail on the right	243 864	502	Cap screw M5x12	020 132
570	Slide bearing GFM-101214-07	023 627	503	Cap screw M5x16	022 726
571	Guide piece	259 453	504	Cap screw M5x25	023 523
8	Stop motion rail on the right complete	244 530	506	Washer 5,3x22x2,5	023 219
8a	Stop motion rail on the right	244 531	507	Washer 5	020 901
8b	Eyelet	230 662	508	Shim ring 15x21x1	023 216
580	Slide bearing GFM-101214-07	023 627	510	Washer 5	023 542
581	Guide piece	259 453	511	Pan-head screw M5x8	239 408
9	Bracket	251 113	514	Pan-head screw M4x8	023 579



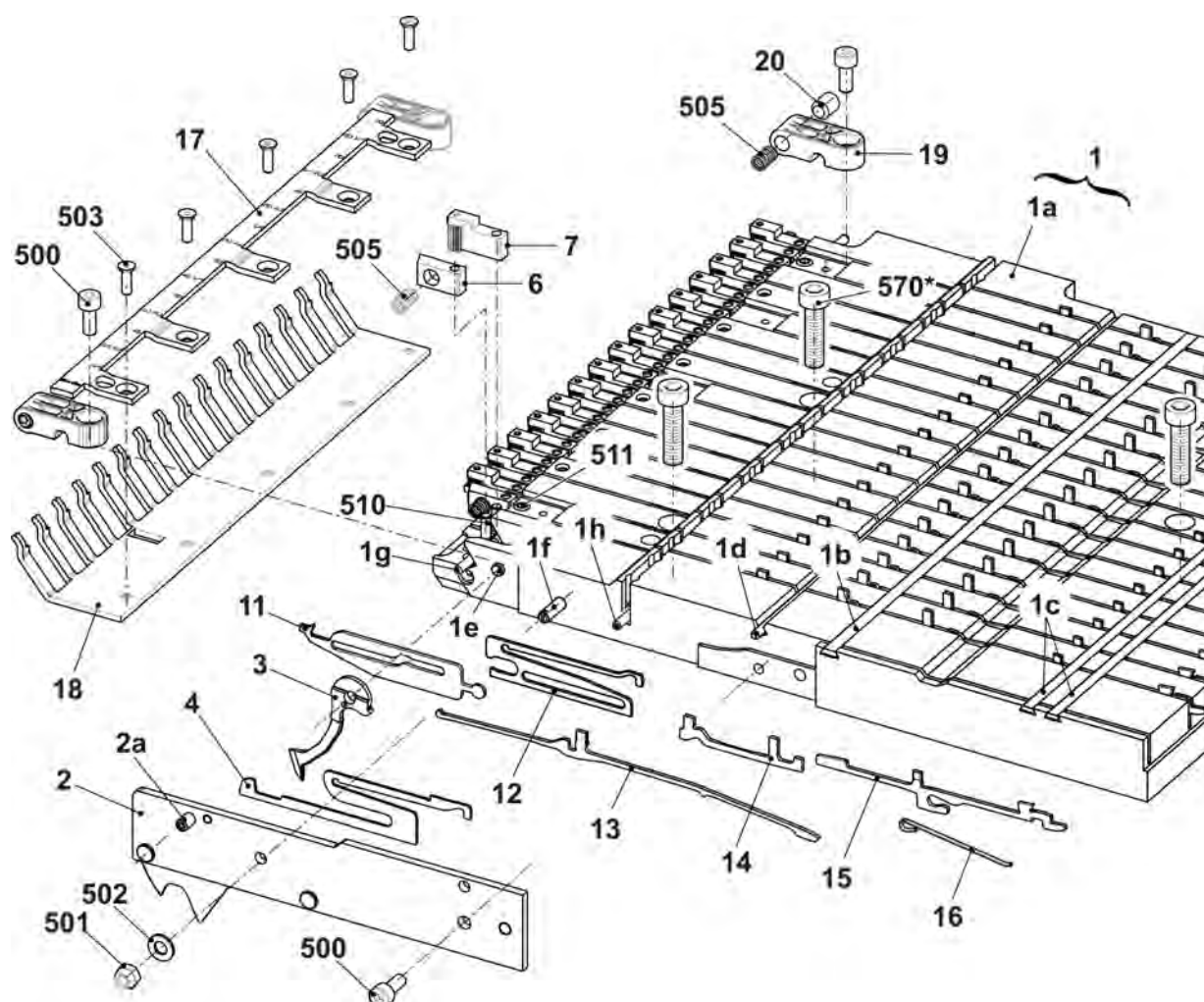
17.8 Left clamping and cutting bed

Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E5-8	253 653	6	Clamp on the left complete	244 633
1	Guide plate on the left E5-14	257 236	10	Catch needle on the left E5-8	244 729
1a	Guide plate on the left E5-14	257 232	11	Intermediate part E10-14	244 591
1b	Cover rail	243 923	12	Coupling part E5-8	253 381
1c	Cover rail	243 924	13	Intermediate slider with brake E5-8	237 323
1d	Locating wire	243 925	14	Selection jack E4-8	200 687
1e	Axle	257 201	15	Selector spring E4-8	200 690
1f	Guide pin	211 351	16	Holding strip on the left	256 996
1g	Locating wire	215 927	17	Deflector plate on the left	255 556
1h	Locating wire	244 589	18	Spring holder	255 724
510	Dowel pin 3x14	252 771	19	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E5-14	260 967	501	Hexagon nut M4-8	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the left E5-14	260 969	503	Countersunk head screw M3x10	242 029
4	Slider E5-14	258 050	505	Compression spring 07x4,3x12,1	023 521
5	Blade	243 948	570*	Cap screw M6x20	244 824



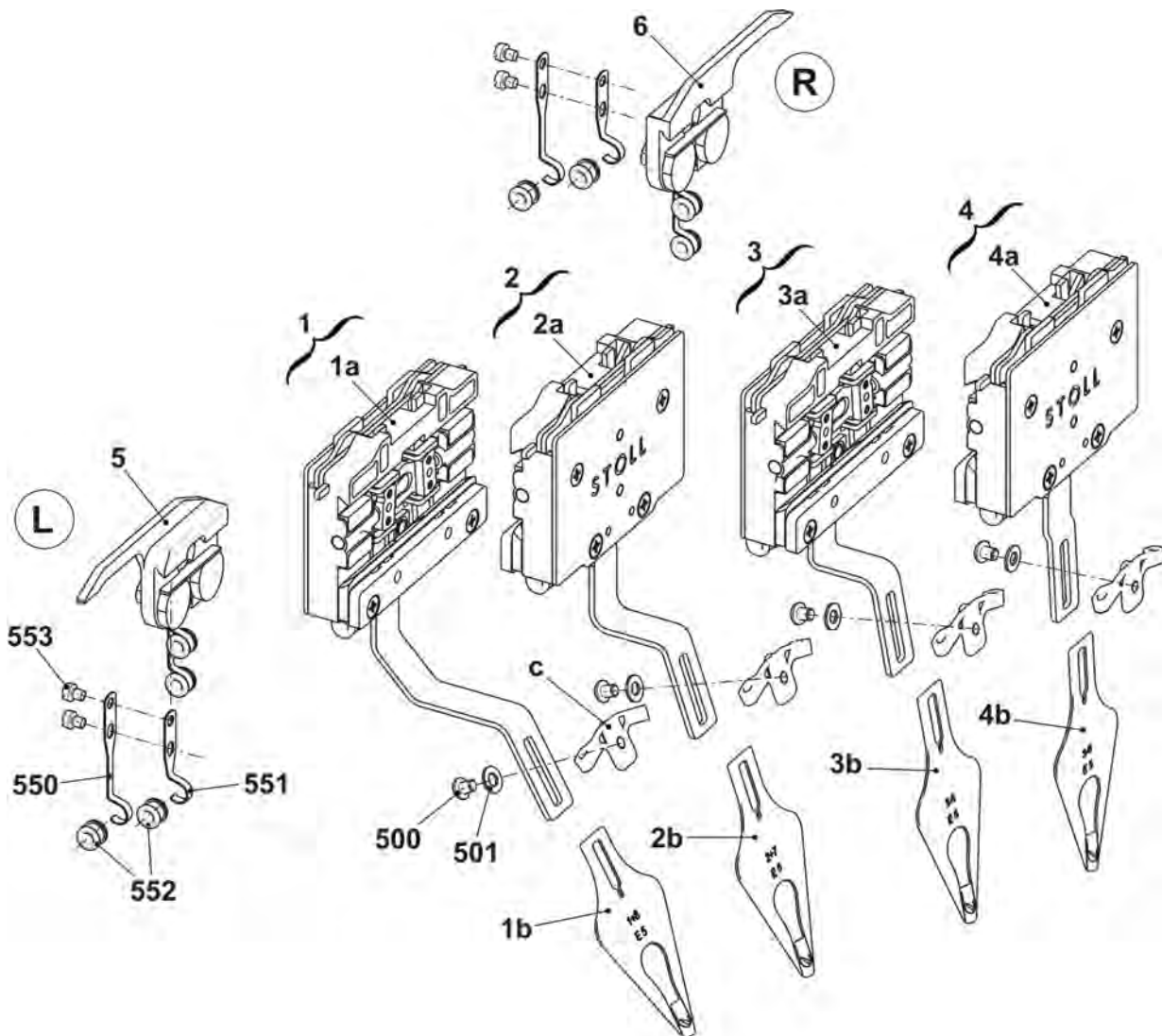
17.9 Clamping and cutting bed on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E5-8	253 652	6	Clamp on the right complete	244 602
1	Guide plate on the right E5-14	257 235	10	Catch needle on the right E5-8	244 728
1a	Guide plate on the right E5-14	257 231	11	Intermediate part E10-14	244 591
1b	Cover rail	243 923	12	Coupling part E5-8	253 381
1c	Cover rail	243 924	13	Intermediate slider with brake E5-8	237 323
1d	Locating wire	243 925	14	Selection jack E4-8	200 687
1e	Axle	257 201	15	Selector spring E4-8	200 690
1f	Guide pin	211 351	16	Holding strip on the right	256 995
1g	Locating wire	215 927	17	Deflector plate on the right	255 555
1h	Locating wire	244 589	18	Spring holder	255 724
510	Dowel pin 3x14	252 771	19	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E5-14	260 966	501	Hexagon nut M4-8	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the right E5-14	260 968	503	Countersunk head screw M3x10	242 029
4	Slider E5-14	258 050	505	Compression spring 07x4,3x12,1	023 521
5	Blade	243 948	570*	Cap screw M6x20	244 824



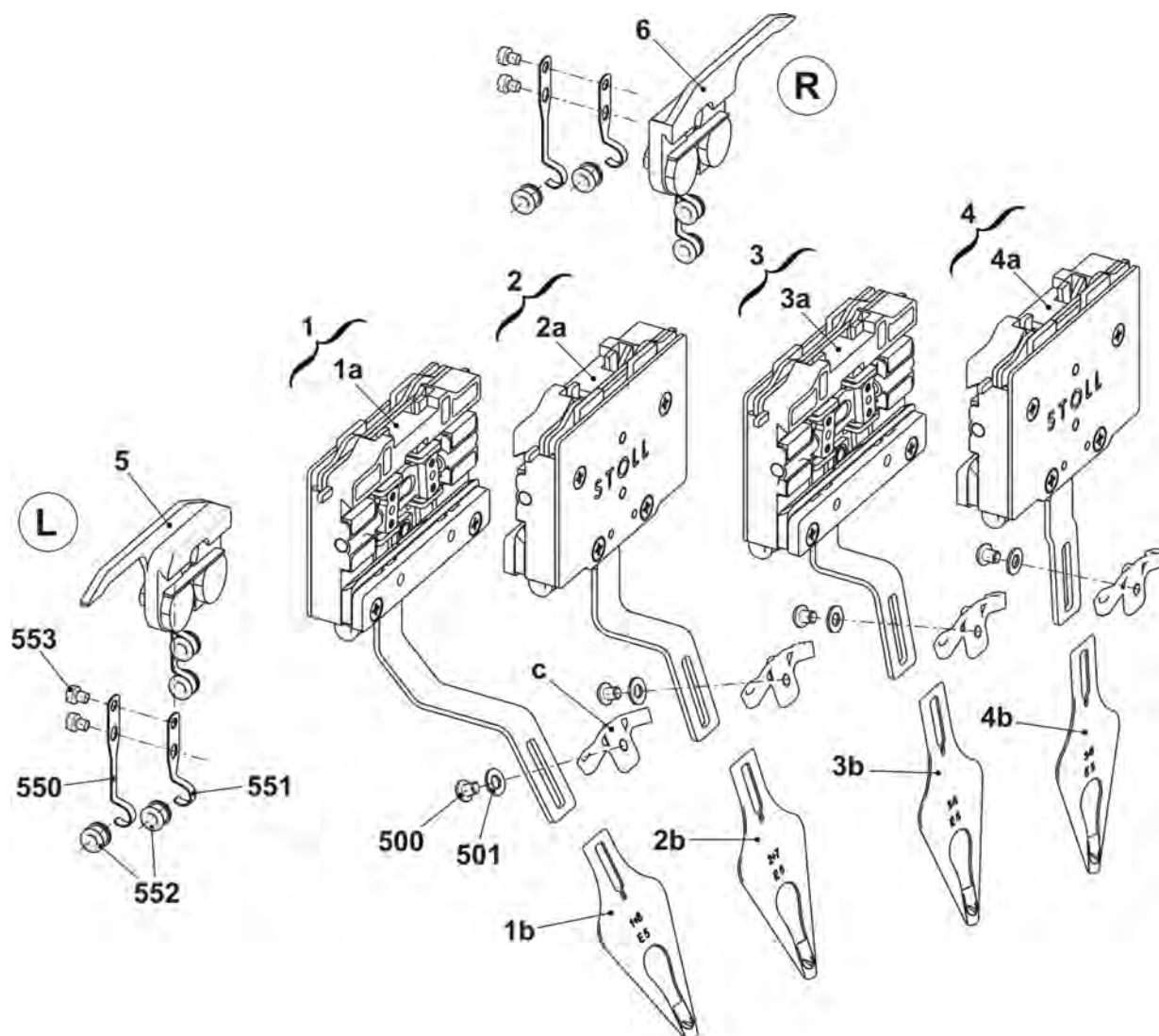
17.10 Yarn guide complete IFF E5 | E2.5.2 | E3.5.2 | E5.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete IFF 24 E5	256 934			
	Yarn guide complete IFF 32 E5	245 161			
1	IFF carriage complete 1+8 E5	259 732	5	Limiter on the left with two eyelets	244 446
1a	IFF carriage 1+8	259 728	550	Eyelet holder complete	022 324
1b	Yarn carrier head 1+8 complete E5	244 076	551	Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E5	259 733	552	Eyelet 4,2	021 499
2a	IFF carriage 2+7	259 729	553	Cap screw M3,5x4	020 011
2b	Yarn carrier head 2+7 complete E5	244 077	6	Limiter on the right with two eyelets	244 445
3	IFF carriage complete 3+6 E5	259 734	c	Yarn guide angle	242 863
3a	IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
3b	Yarn carrier head 3-6 complete E5	244 078	501	Washer 4	020 870
4	IFF carriage complete 4+5 E5	259 735			
4a	IFF carriage 4+5	259 731			
4b	Yarn carrier head 3-6 complete E5	244 078			



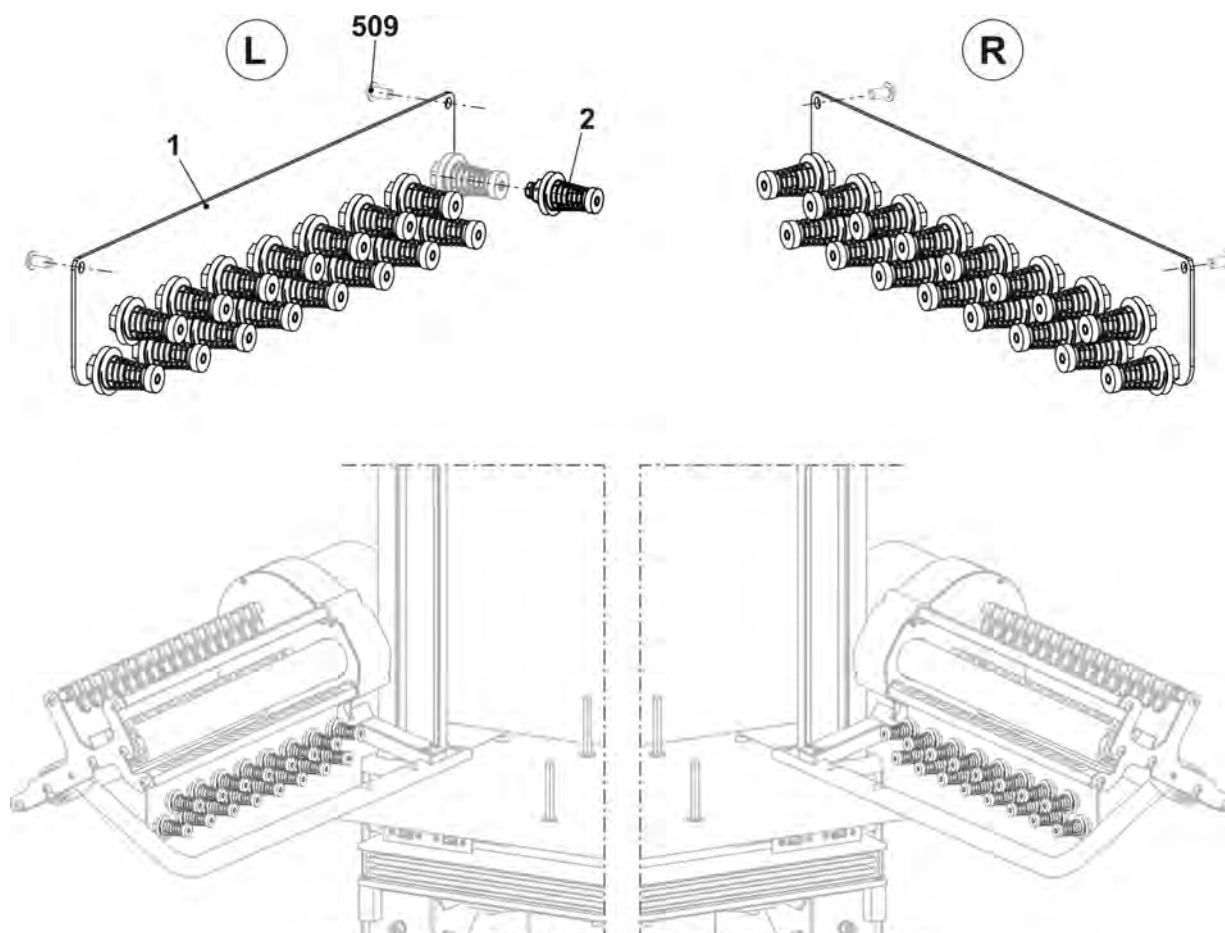
17.11 Yarn guide complete IFF E7 | E8

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
	Yarn guide complete E7-8 IFF 32	245 162			
1	IFF carriage complete 1+8 E7-8	259 736	5	Limiter on the left with two eyelets	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8	259 737		552 Eyelet 4,2	021 499
	2a IFF carriage 2+7	259 729		553 Cap screw M3,5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets	244 445
3	IFF carriage complete 3+6 E7-8	259 738	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	Washer 4	020 870
4	IFF carriage complete 4+5 E7-8	259 739			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



17.12 Stopping device

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Stopping device 16-fold on the left complete E3-8	265 382	R	Stopping device 16-fold on the right complete E3-8	265 383
1	Support plate	259 401	1	Support plate	259 401
2	Yarn brake	264 353	2	Yarn brake	264 353
509	Pan-head screw M5x10	023 247	509	Pan-head screw M5x10	023 247



17.13 Yarn guide bracket

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide bracket complete	259 403			
1	Eyelet holder complete	259 402	501	Clamping ring	259 606
2	Holding angle	259 574	502	Pan-head screw M5x8	239 408
500	Eyelet 4,2	021 502	900	Pan-head screw M6x10	023 183

