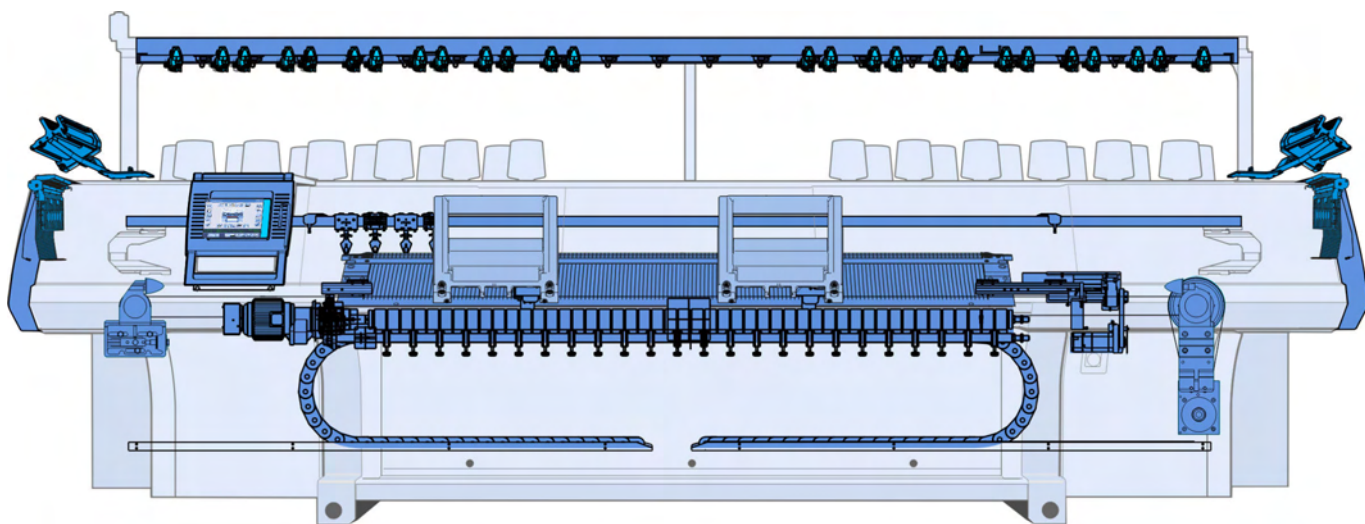


STOLL

Spare parts catalog CMS 933 (Type 773)

Component type 003

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



Dokument-Nr. 257129_05_GB
Release 11/2013

1 Introduction

Imprint

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

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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.

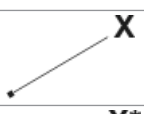
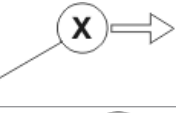
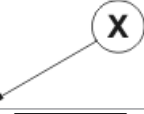
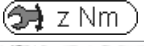
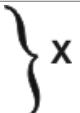
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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	

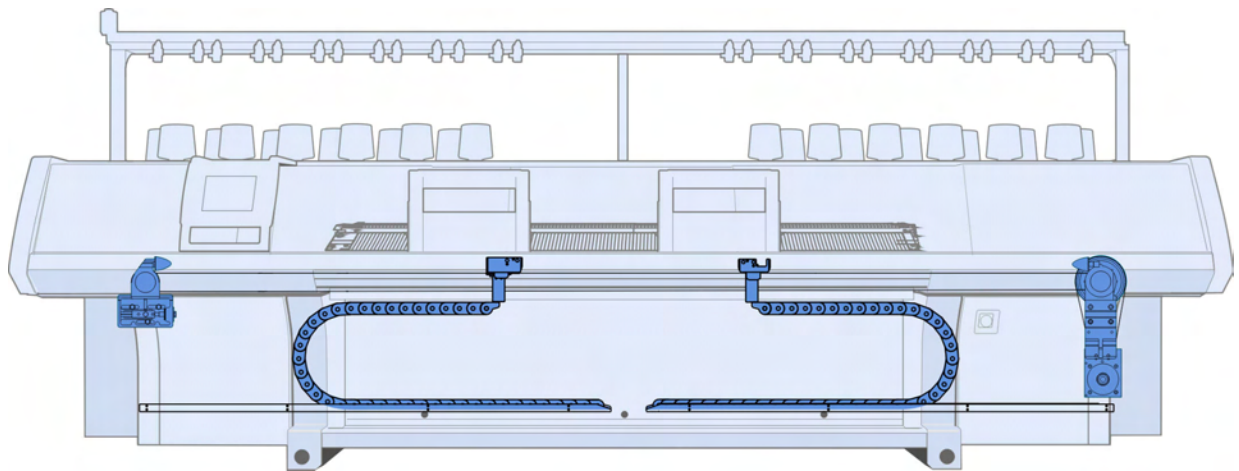
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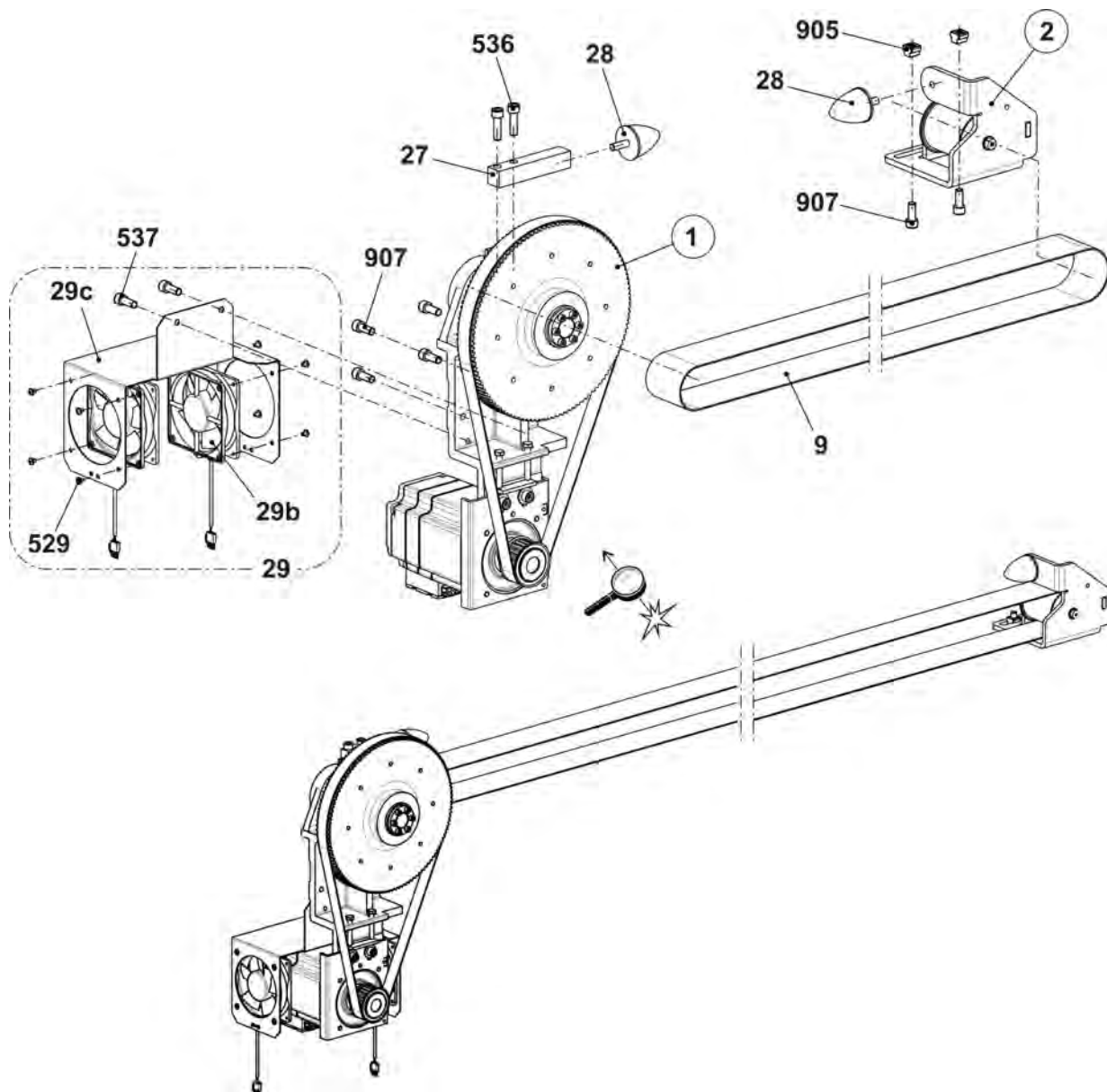
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2 Carriage drive



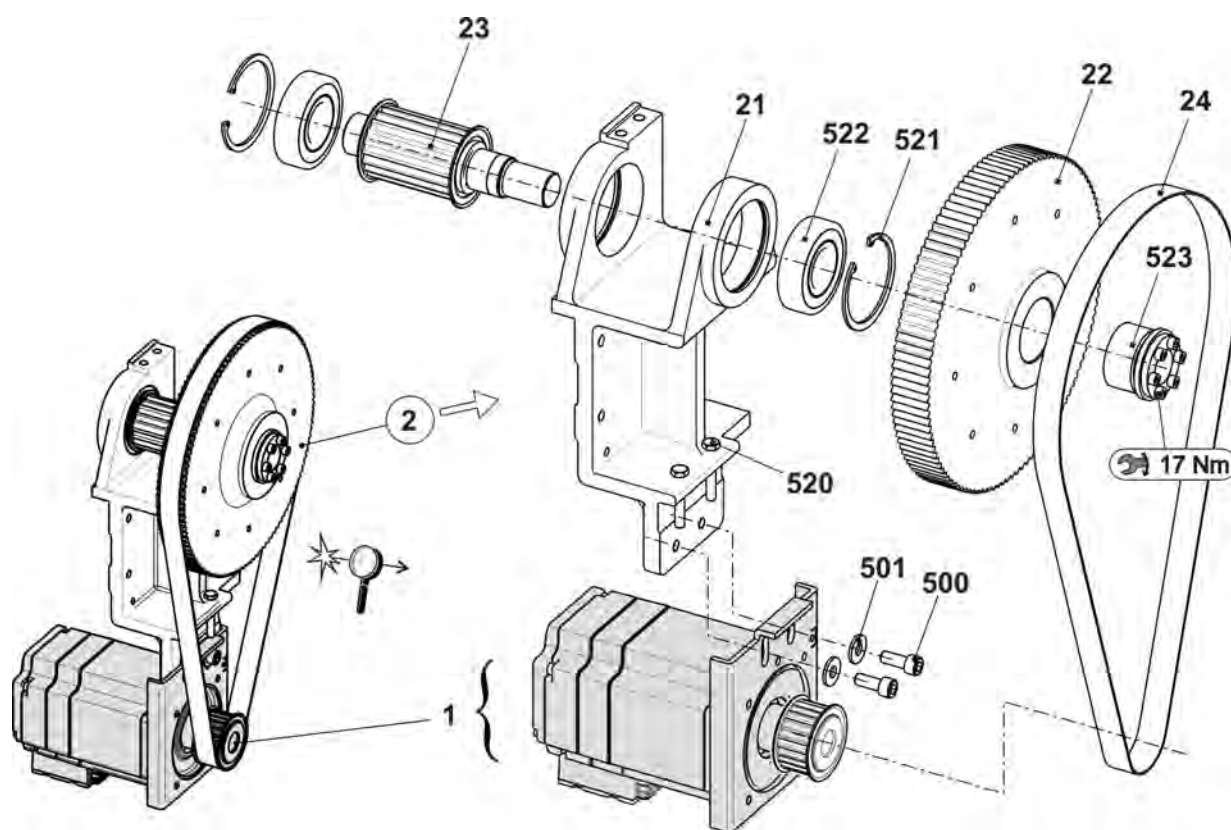
2.1 Drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive				
1	Drive unit complete	242 380	29	Fan complete	245 167
2	Tension bearing complete	253 614	29a	Fan plate drive motor	245 037
9	Toothed belt 75AT10/8830	253 886	29b	Fan complete 512	213 722
27	Support of buffer	242 748	29c	Fan plate drive motor	245 037
28	Parabolic spring	200 661	529	Screw 5x8, Fa. GrossOrder-No.: 1462 0638-01	
536	Cap screw M10X35	020 159	905	Sliding nut M10X12	023 471
537	Cap screw M8x12	023 138	907	Cap screw M10X25	020 157



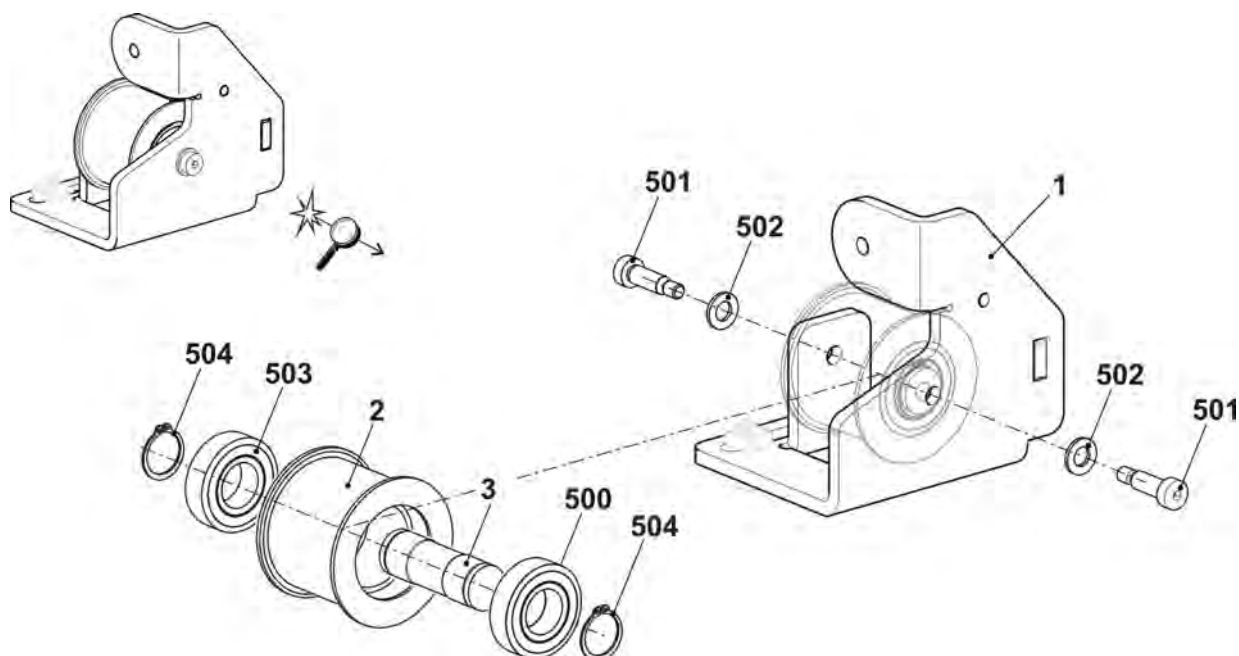
2.1.1 Drive unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive unit complete	242 380			
1	Drive unit	258 190	520	Hexagon screw M8x50	020 364
2	Drive bearing	242 378	521	Retaining ring 80x2,5	023 461
21	Housing drive bearing	242 344	522	Grooved ball bearing 6307-2RS	023 462
22	Timing belt pulley 115 S8M 250	240 639	523	Tension set 30x55	023 208
23	Pinion AT10 Z=20	216 587	500	Cap screw M10x25	020 157
24	Toothed belt 250 HP-S8M 1312	240 646	501	Disk 10,5x25x2,5	022 178



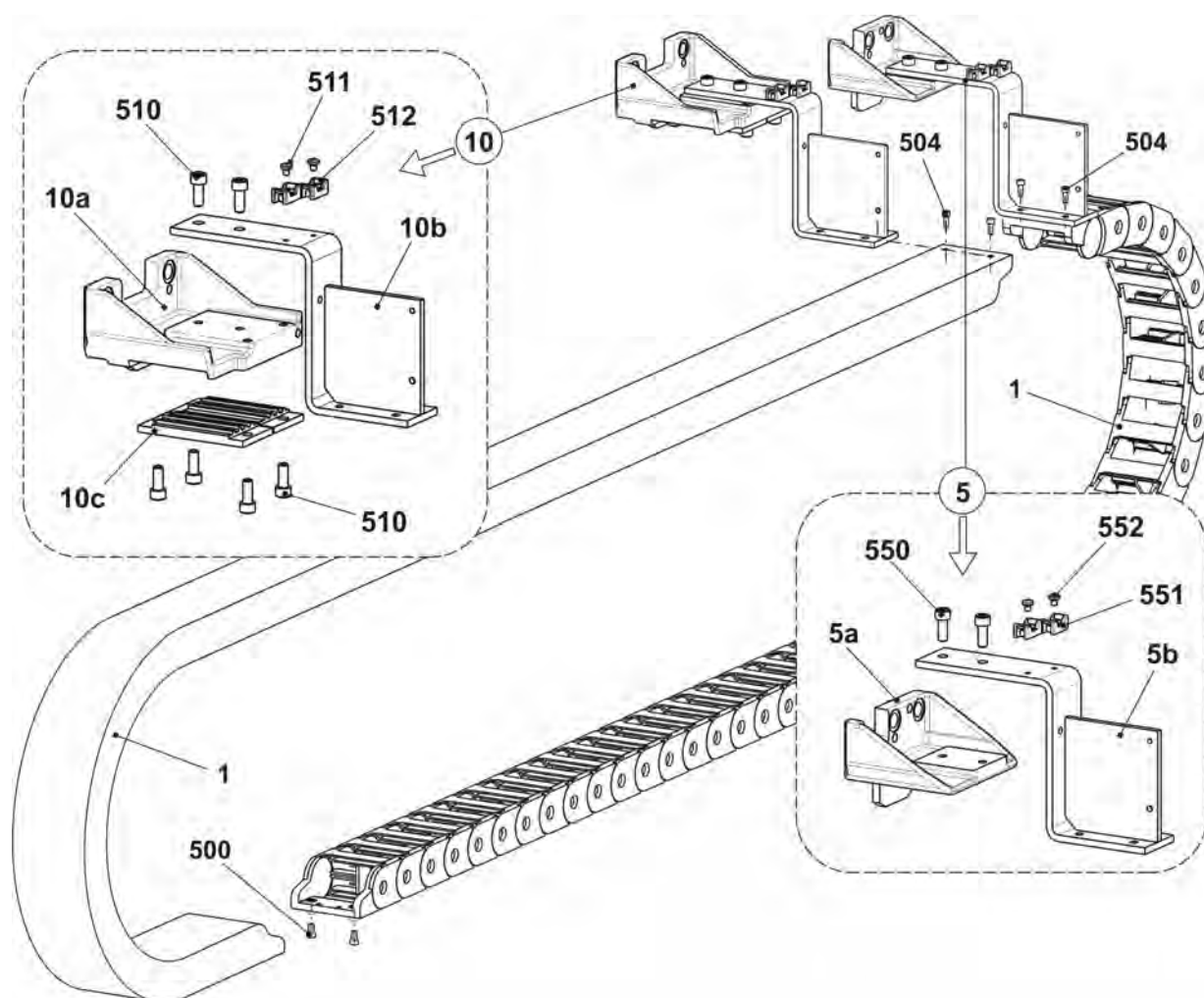
2.1.2 Tension bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension bearing complete	253 614	501	Cap screw M10x25	023 751
1	Tension bearing	253 611	502	Washer 10	020 874
2	Tension roller	256 642	503	Grooved ball bearing 6305-2RS	255 686
3	Axle	253 613	504	Retaining ring 25x1,2	251 617

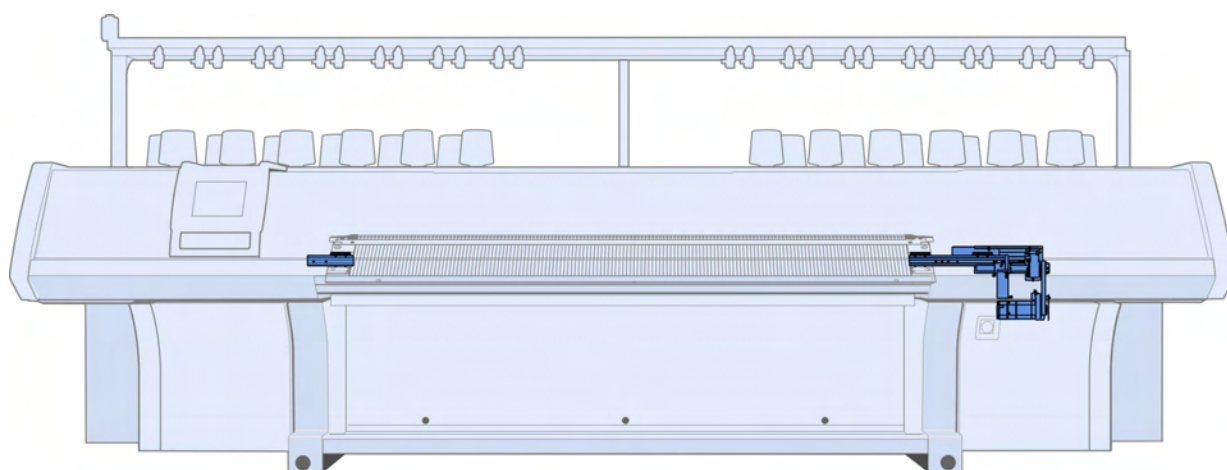


2.2 Energy chain and plunger

Pos	Designation	ID	Pos	Designation	ID
1	Energy chain 45 links	220 389	10	Carriage driver complete	242 743
500	Cap screw M6x8	023 411	10a	Carriage driver	242 738
5	Stop point complete	242 774	10b	Cable driver	242 730
5a	Stop point	242 753	10c	Clamping plate	232 493
5b	Cable driver	242 730	510	Cap screw M8x20	020 141
550	Cap screw M8x20	020 141	511	Pan-head screw M5x6	023 284
551	Fixing element	026 489	512	Fixing element	026 489
552	Pan-head screw M5x6	023 284	504	Cap screw M6x16	020 135

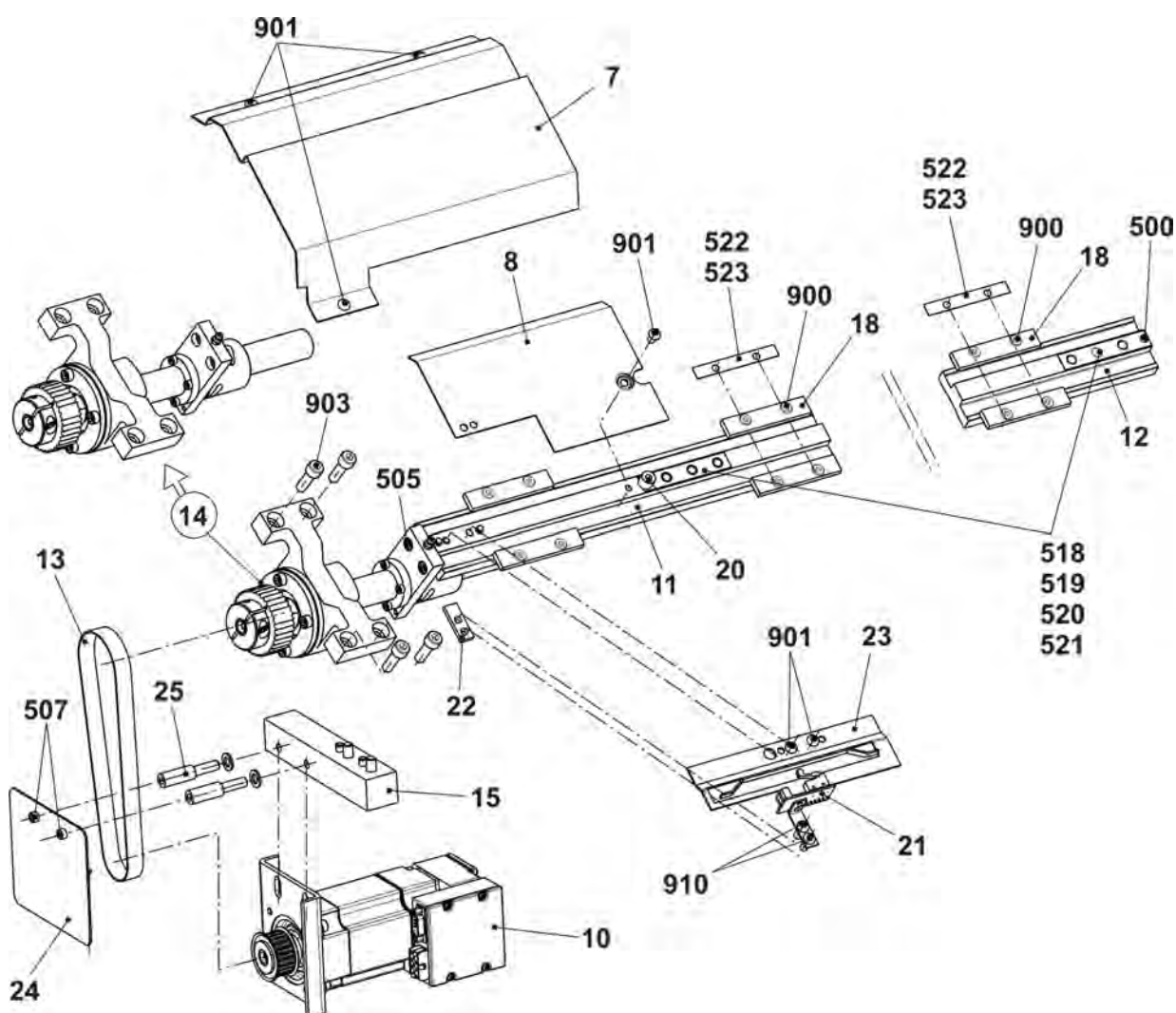


3 Racking

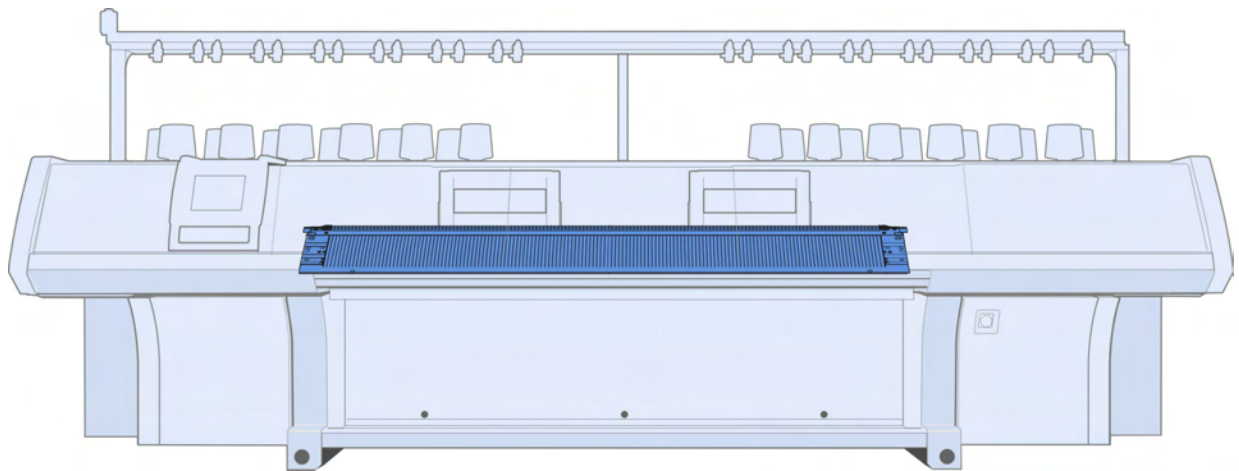


3.1 Racking drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Racking		25	Distance bolt	232 543
7	Racking cover plate	242 314	500	Cap screw M4x4	022 767
8	Racking cover plate movable	242 312	505	Cap screw M6x16	023 116
10	Three-phase AC servo motor racking complete	258 192	507	Cap screw M5x12	020 132
11	Racking strip	242 311	518	Shim0,03x15x85	023 162
12	Racking strip on the left	211 022	519	Shim0,05x15x85	023 163
13	Toothed belt 150 S 5M 490	229 281	520	Shim0,1x15x85	023 164
14	Spindle bearing	253 262	521	Shim0,2x15x85	023 170
15	Bearing	227 604	522	Shim0,03x11x80	023 286
18	Guide strip	206 382	523	Shim0,05x11x80	023 287
20	Stop screw	218 783	530	Pan-head screw M6x10	023 183
21	Card racking limit switch	229 396	900	Cap screw M6x12	022 795
22	Shim	229 715	901	Pan-head screw M6x10	023 183
23	Switch plate	240 722	903	Cap screw M8x25	020 142
24	Cover plate	232 544	910	Pan-head screw M6x16	023 124

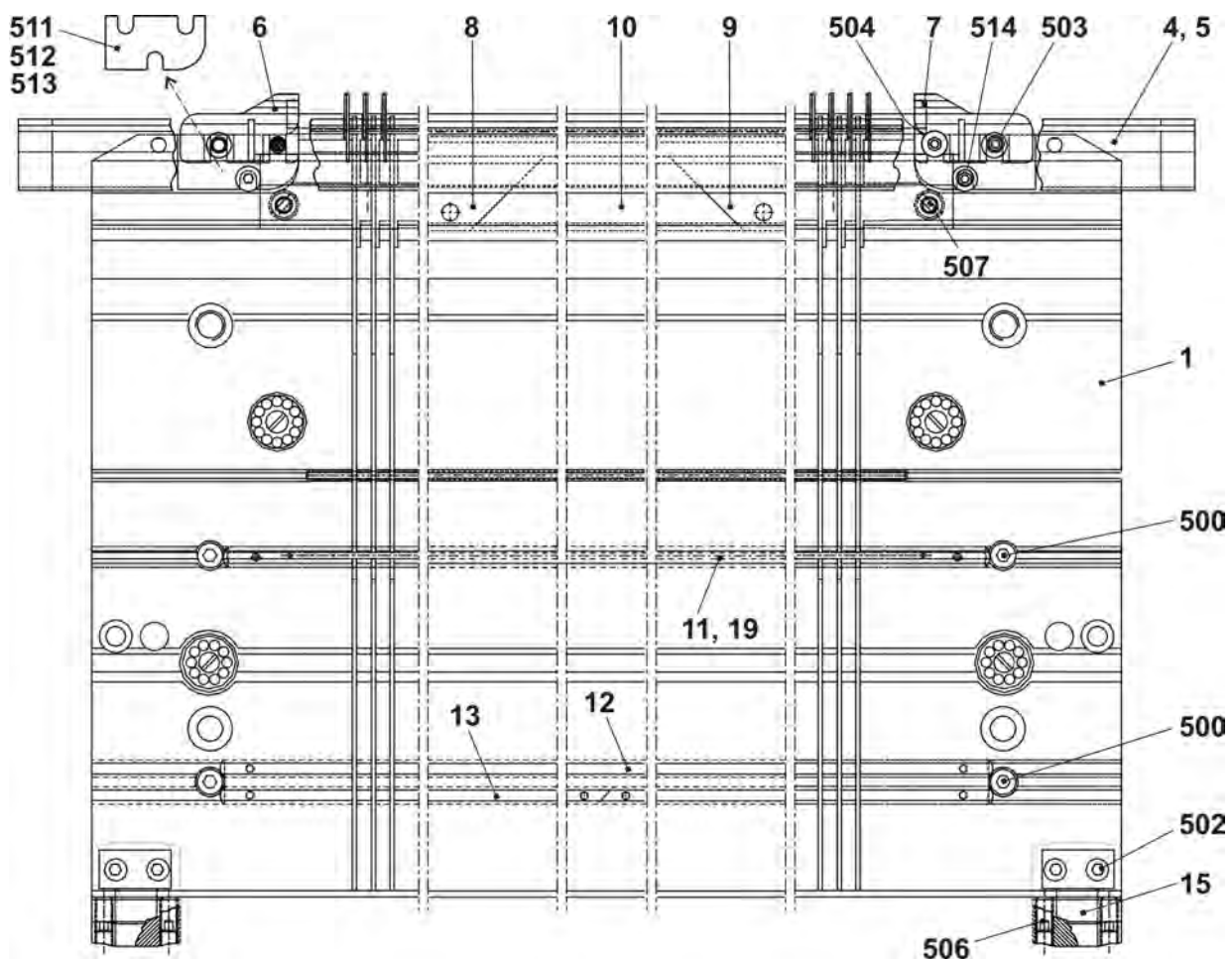


4 Needle beds



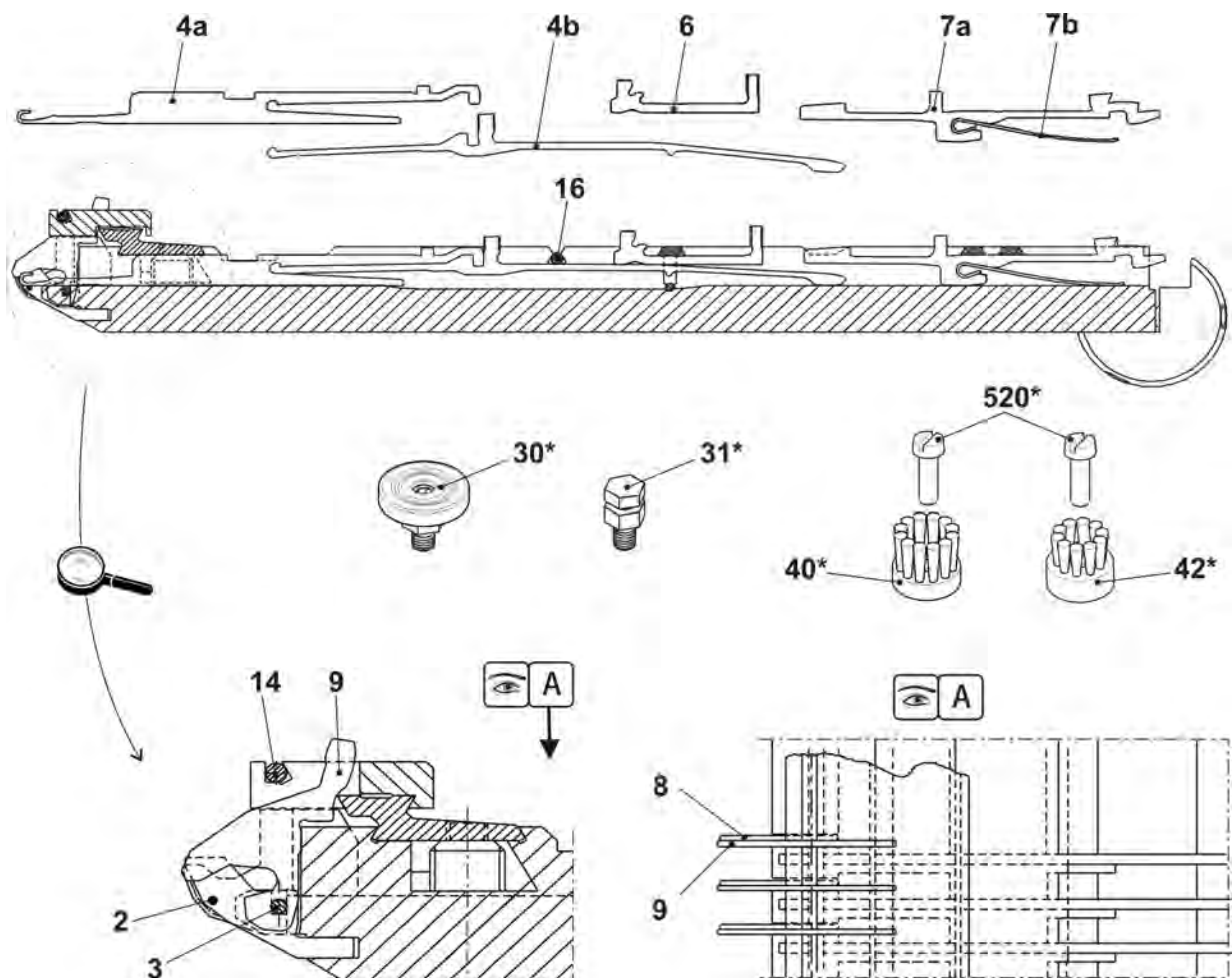
4.1 Needle bed E5

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE5	210 427	15	Support	206 352
1	Needle bed at the front + rearE5	210 991	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E5	211 038	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E5	211 045	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E5	210 982	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



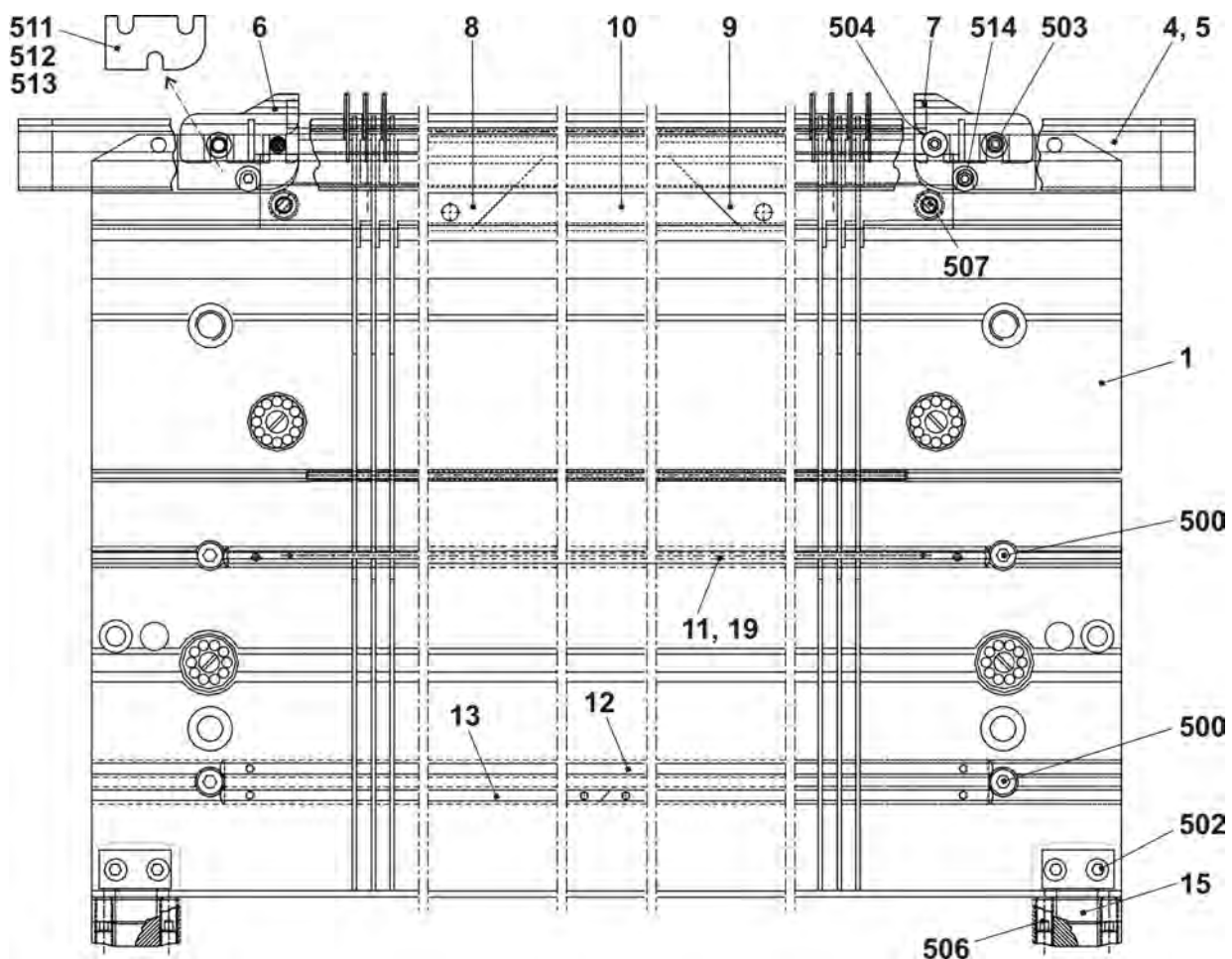
4.1.1 Continuation needle bed E5

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E5	210 427			
2	Spring steel wire ø1,0	210 971	9	Holding-down jack E5	205 031
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E5-6 with round hook	205 396	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E5	204 996	520*	Cap screw M5x12	020 032



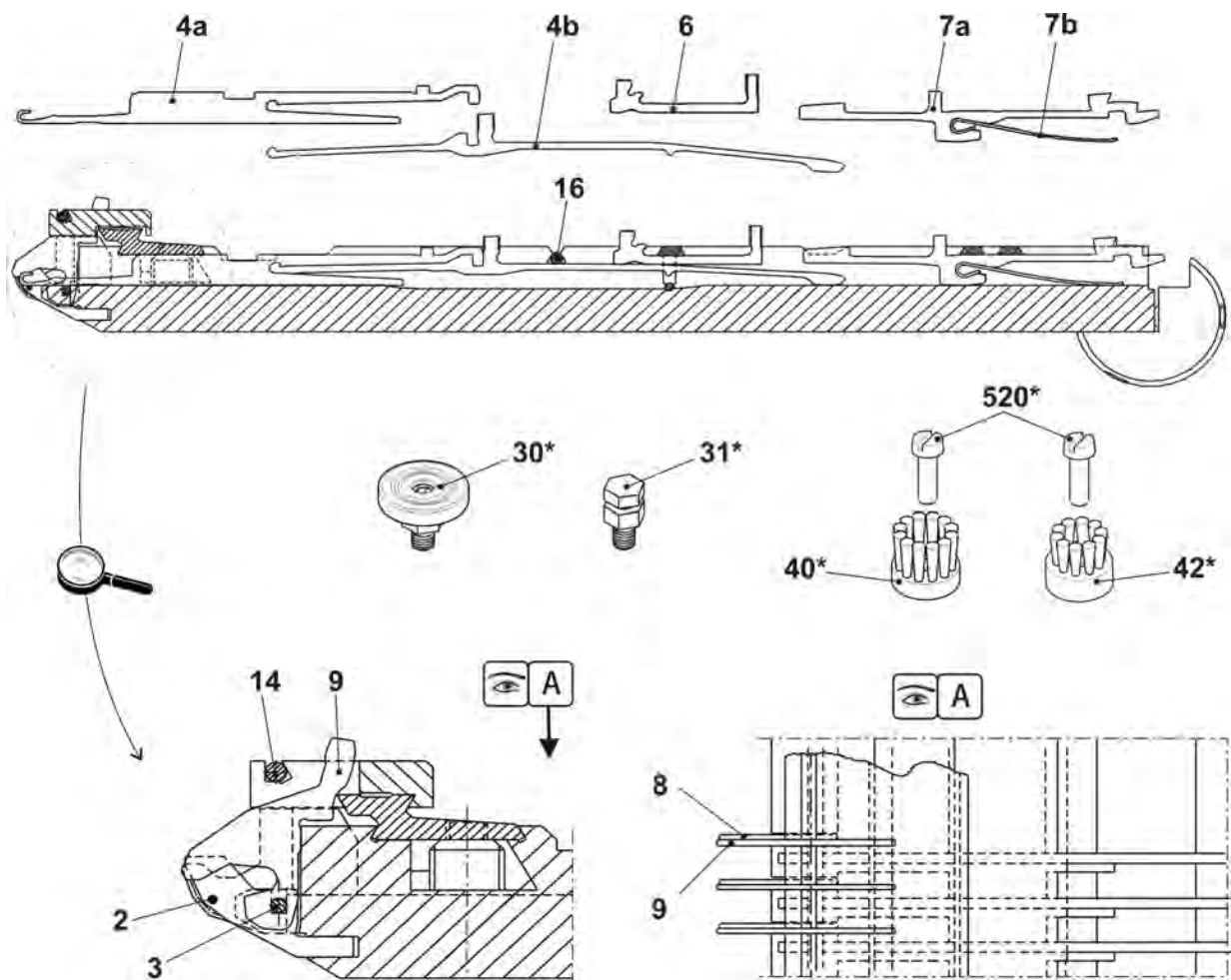
4.2 Needle bed E7

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE7	210 428	15	Support	206 352
1	Needle bed at the front + rearE7	210 992	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E7	211 039	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E7	211 046	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E7	210 983	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



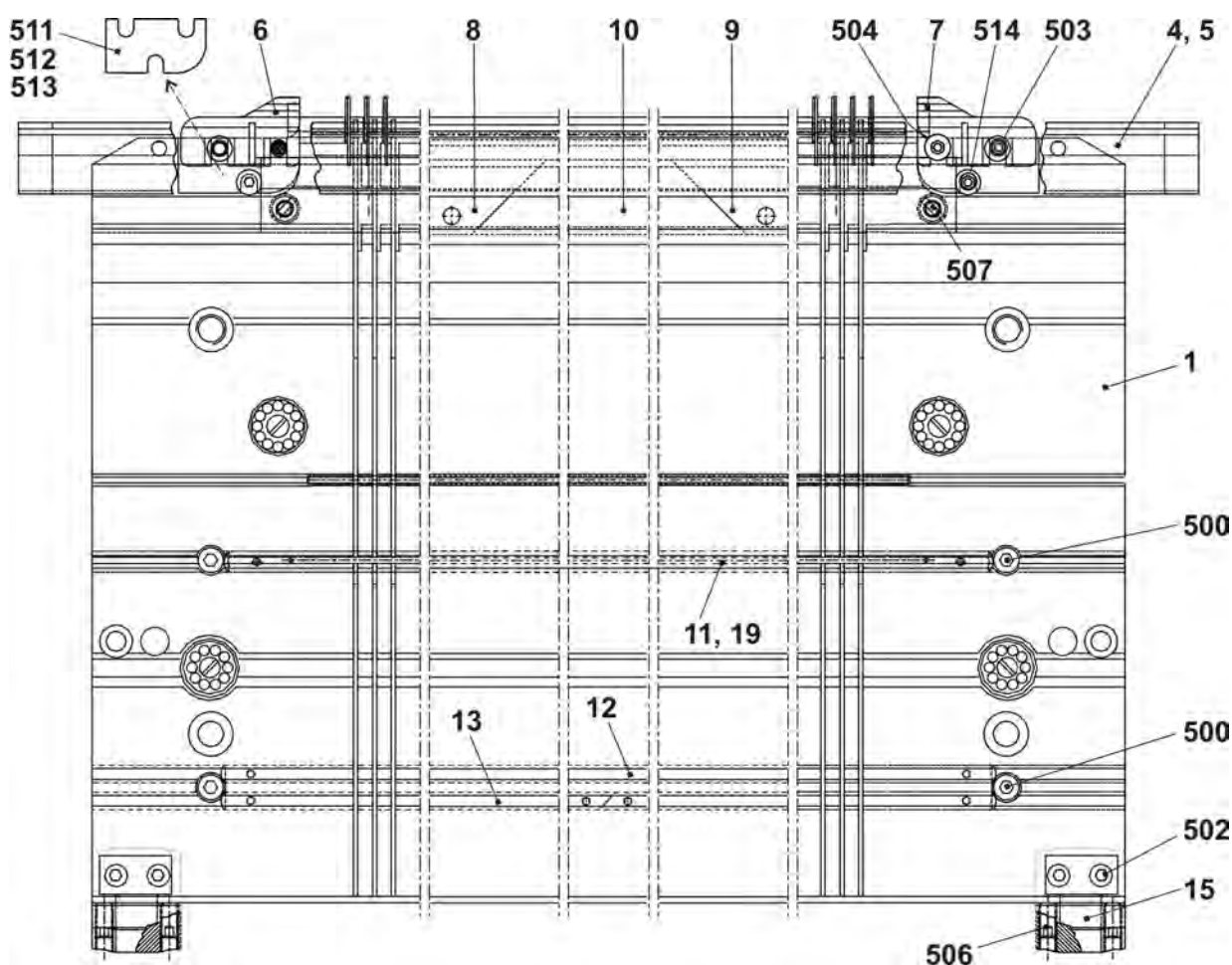
4.2.1 Continuation needle bed E7

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7	210 428			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E7	205 032
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E7 with round hook	205 397	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E7	207 055	520*	Cap screw M5x12	020 032



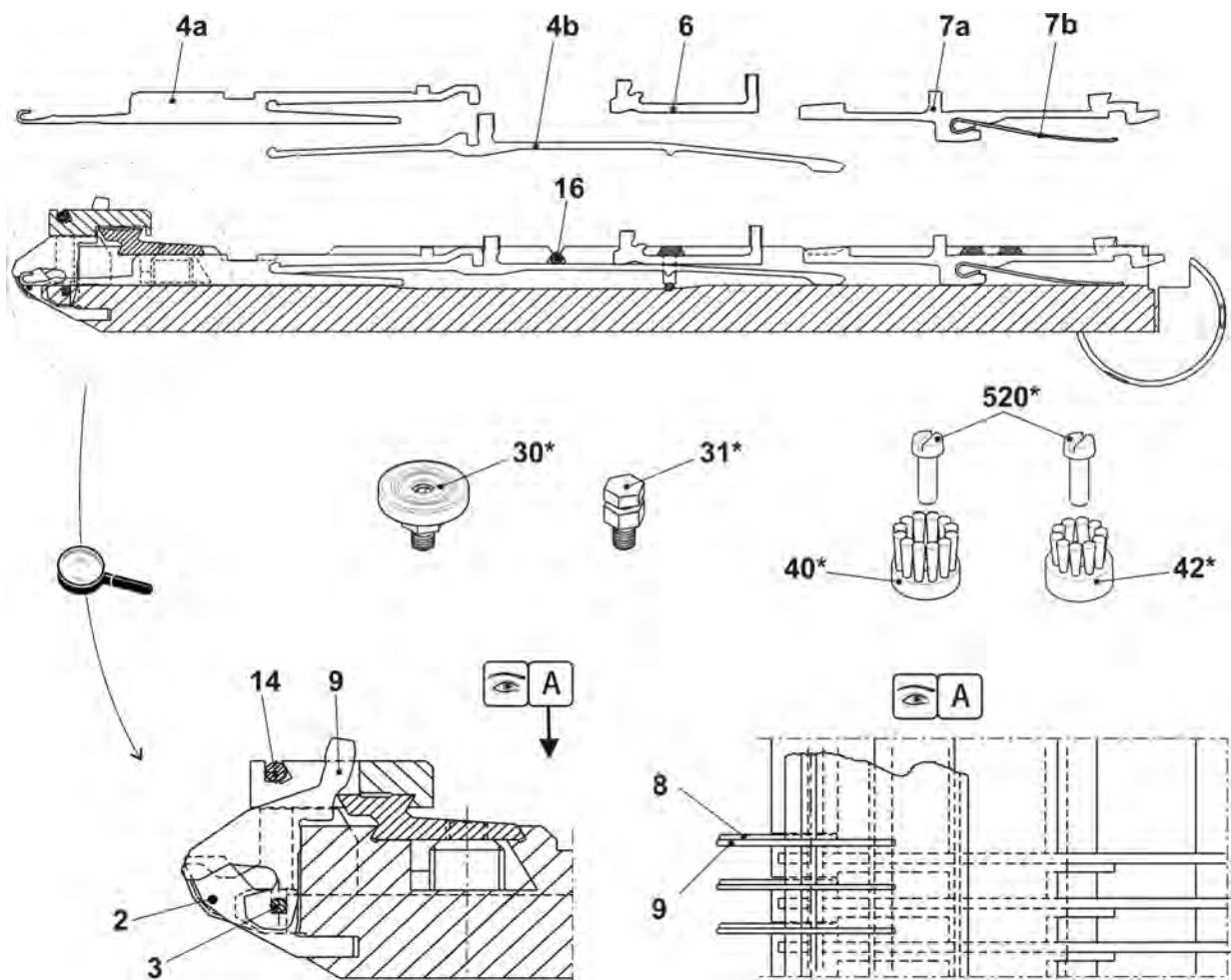
4.3 Needle bed E8

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE8	210 429	15	Support	206 352
1	Needle bed at the front + rearE8	210 993	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E8	211 040	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E8	211 047	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E8	210 984	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



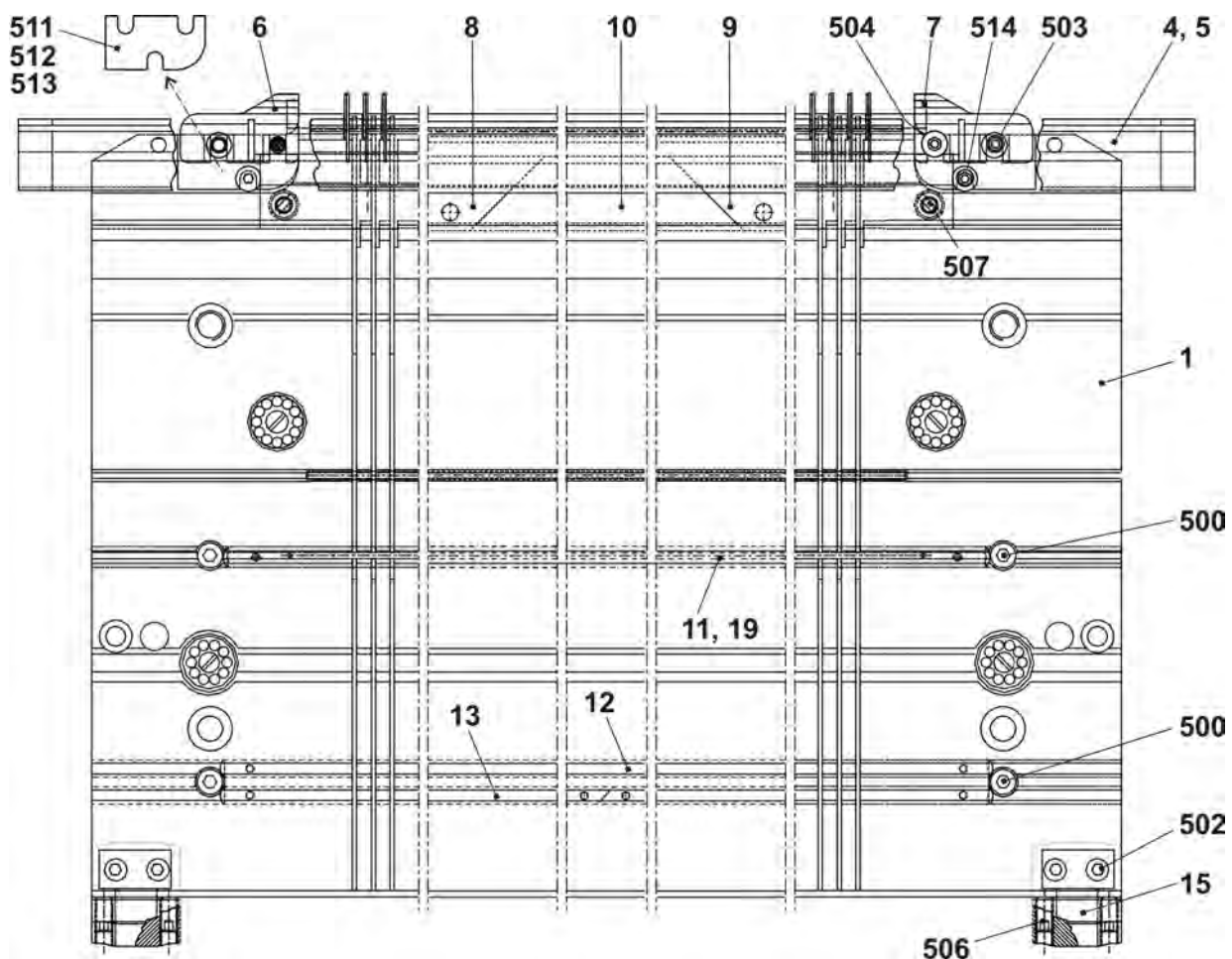
4.3.1 Continuation needle bed E8

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E8	210 429			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E8	205 028
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E8 with round hook	208 745	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E8	207 054	520*	Cap screw M5x12	020 032



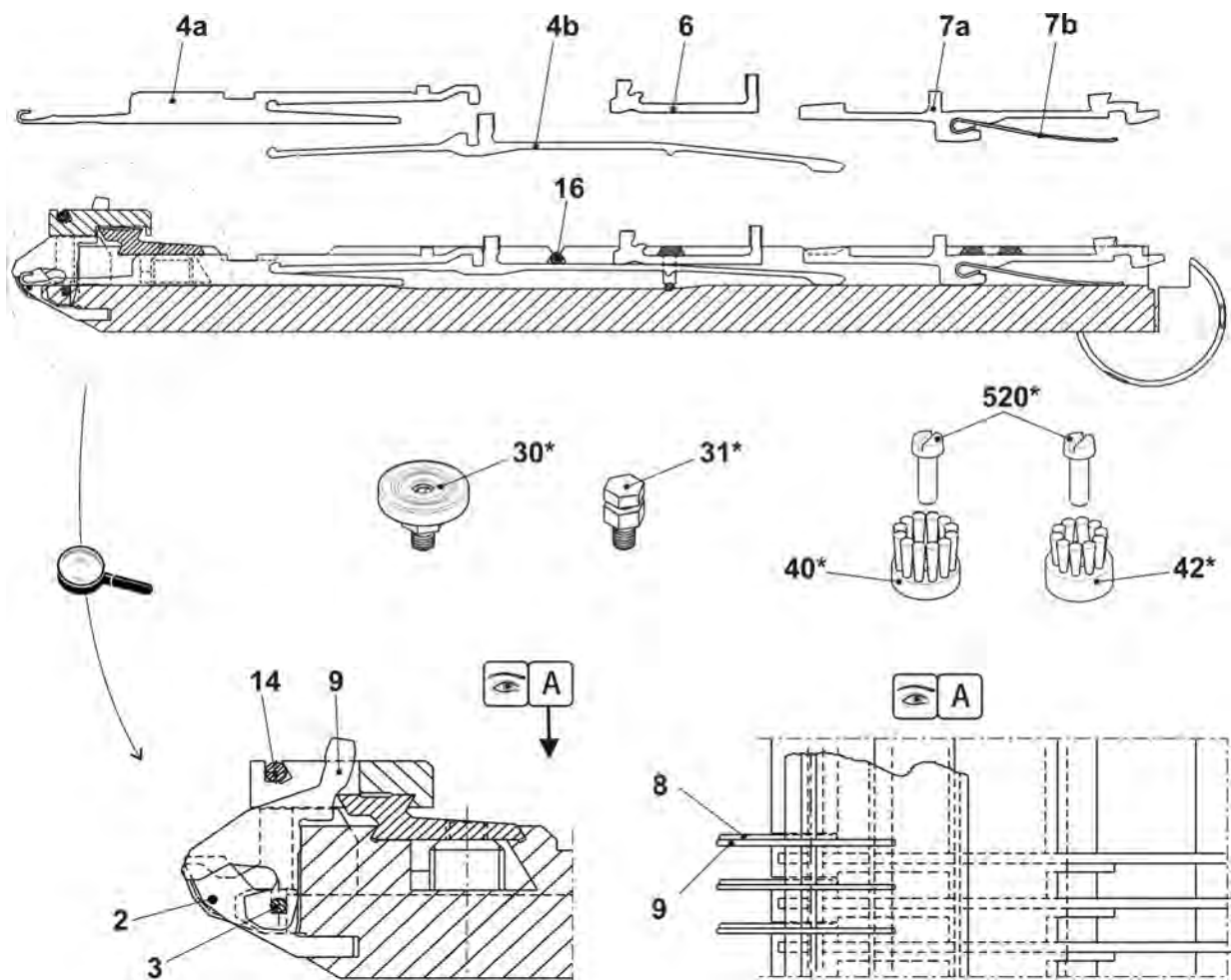
4.4 Needle bed E5m.4

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE5m.4	211 968	15	Support	206 352
1	Needle bed at the front + rearE5	210 991	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E5	211 038	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E5	211 045	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E5	210 982	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



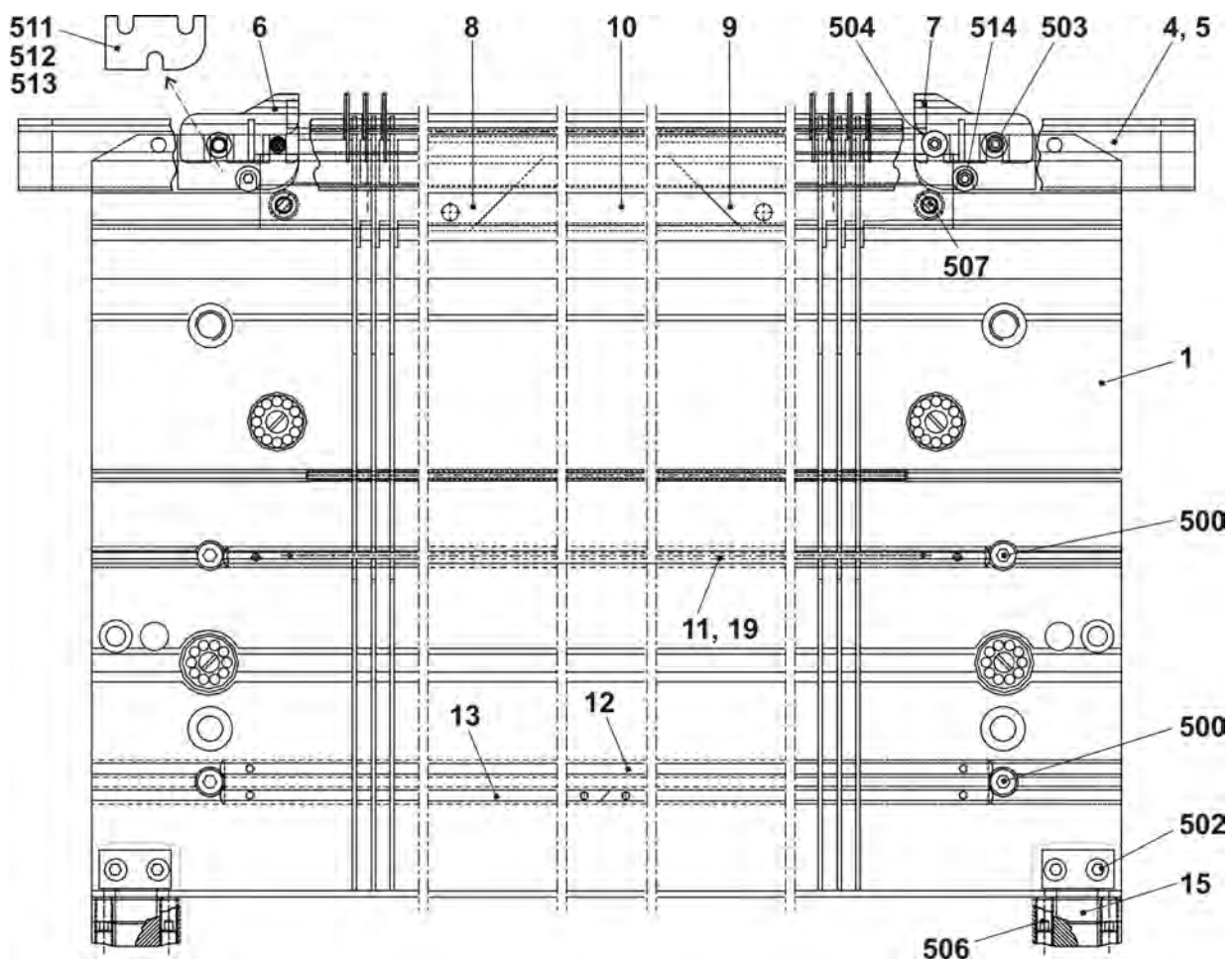
4.4.1 Continuation needle bed E5m.4

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E5m.4	211 968			
2	Spring steel wire ø1,0	210 971	9	Holding-down jack E5	205 031
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E2,5.2-3,5.2	232 581	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E5	204 996	520*	Cap screw M5x12	020 032



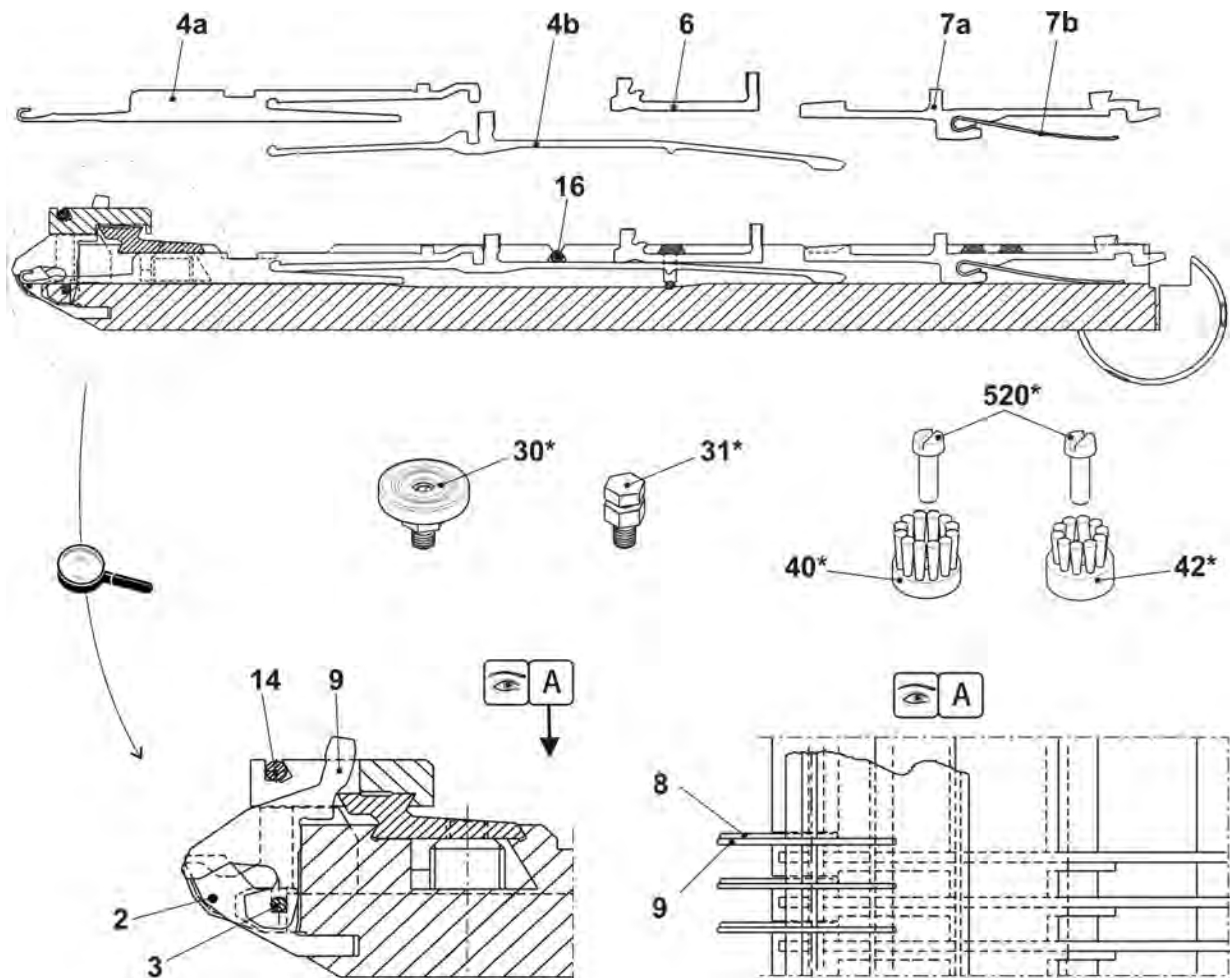
4.5 Needle bed E7m.5

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7m.5	210 433	15	Support	206 352
1	Needle bed at the front + rear E7	210 992	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E7	211 039	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E7	211 046	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E7	210 983	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379

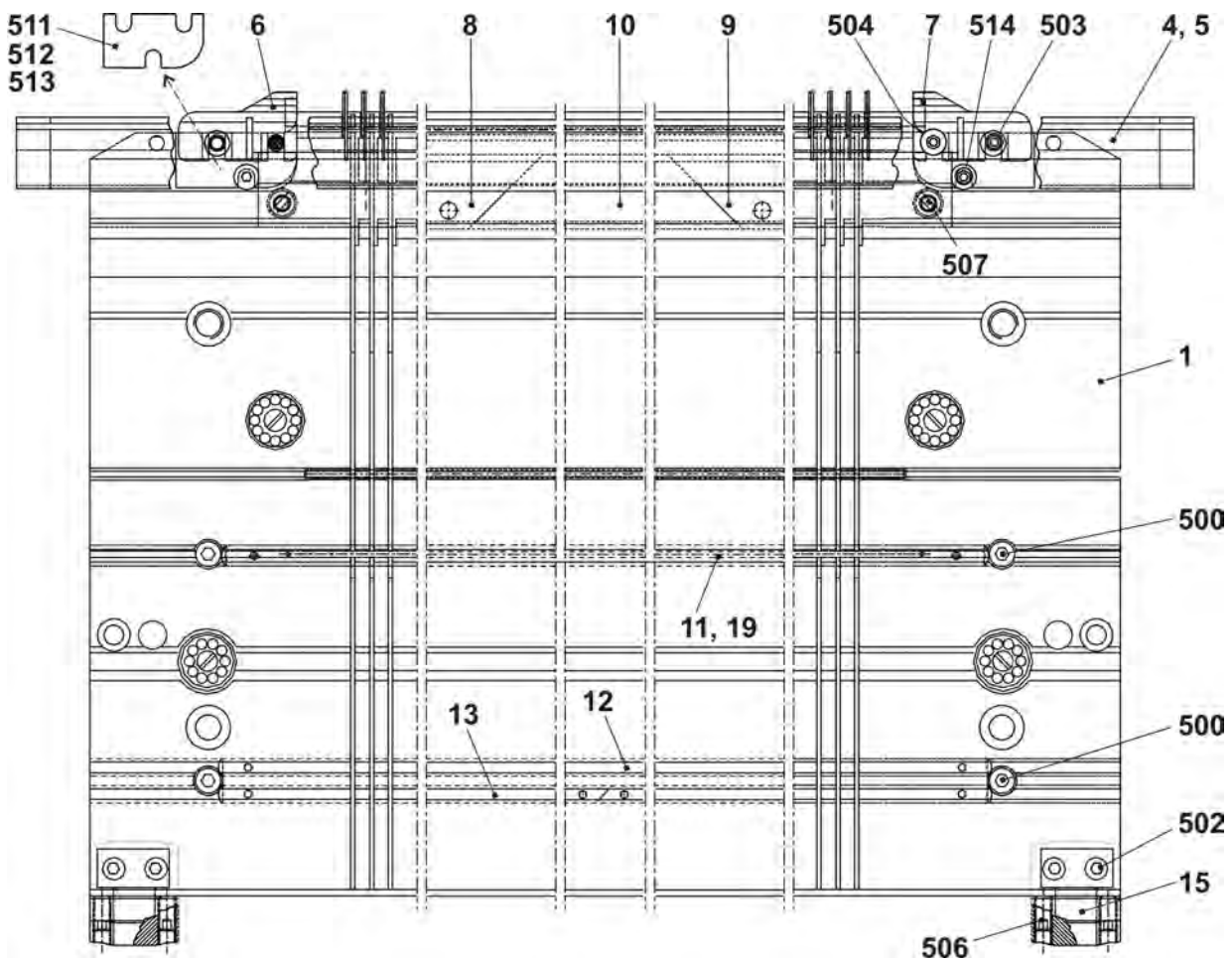


4.5.1 Continuation needle bed E7m.5

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7m.5	210 433			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E7	205 032
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E5-6 with round hook	205 396	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E7	207 055	520*	Cap screw M5x12	020 032

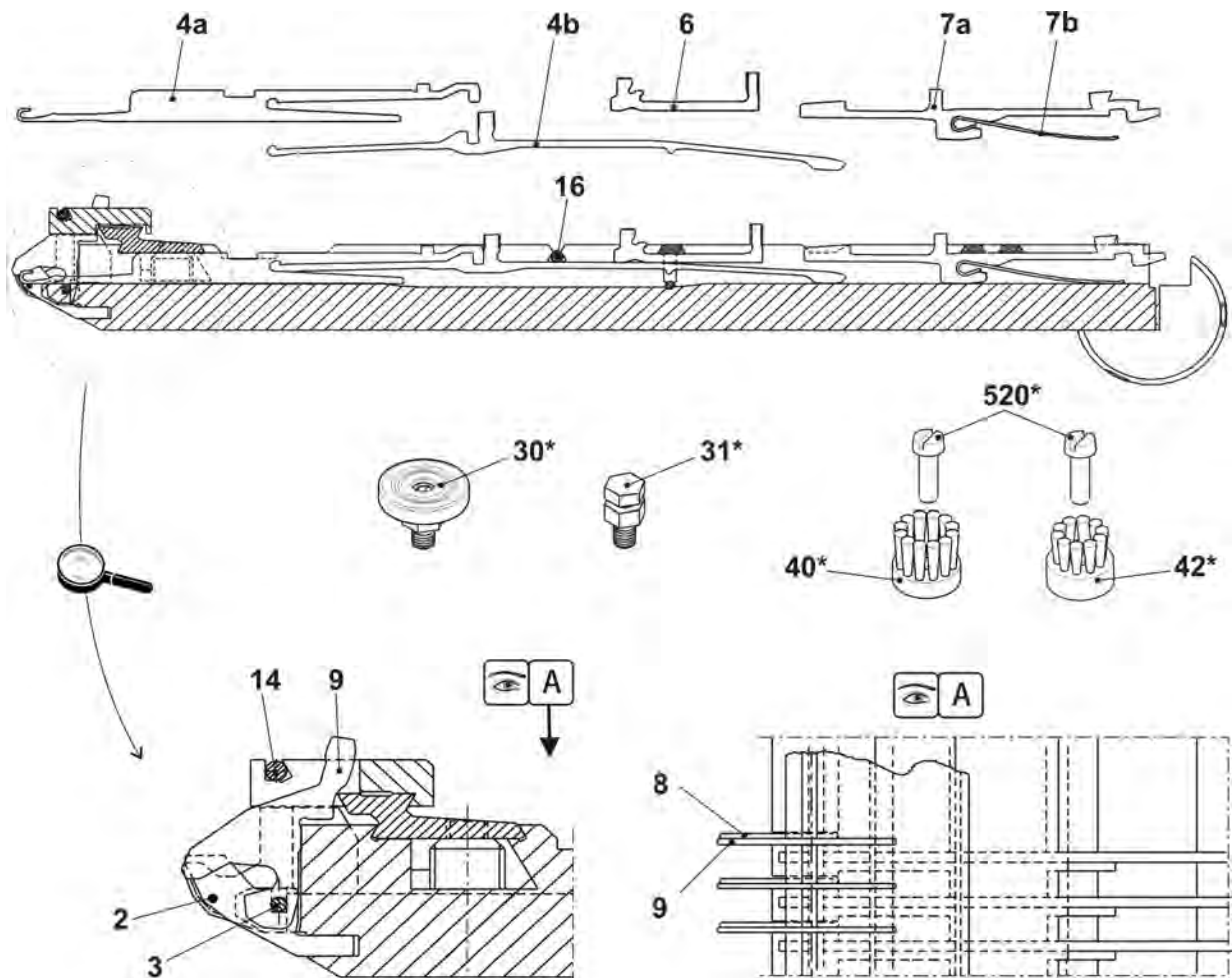


Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7m.8	210 434	15	Support	206 352
1	Needle bed at the front + rearE7	210 992	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E7	211 039	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E7	211 046	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E7	210 983	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



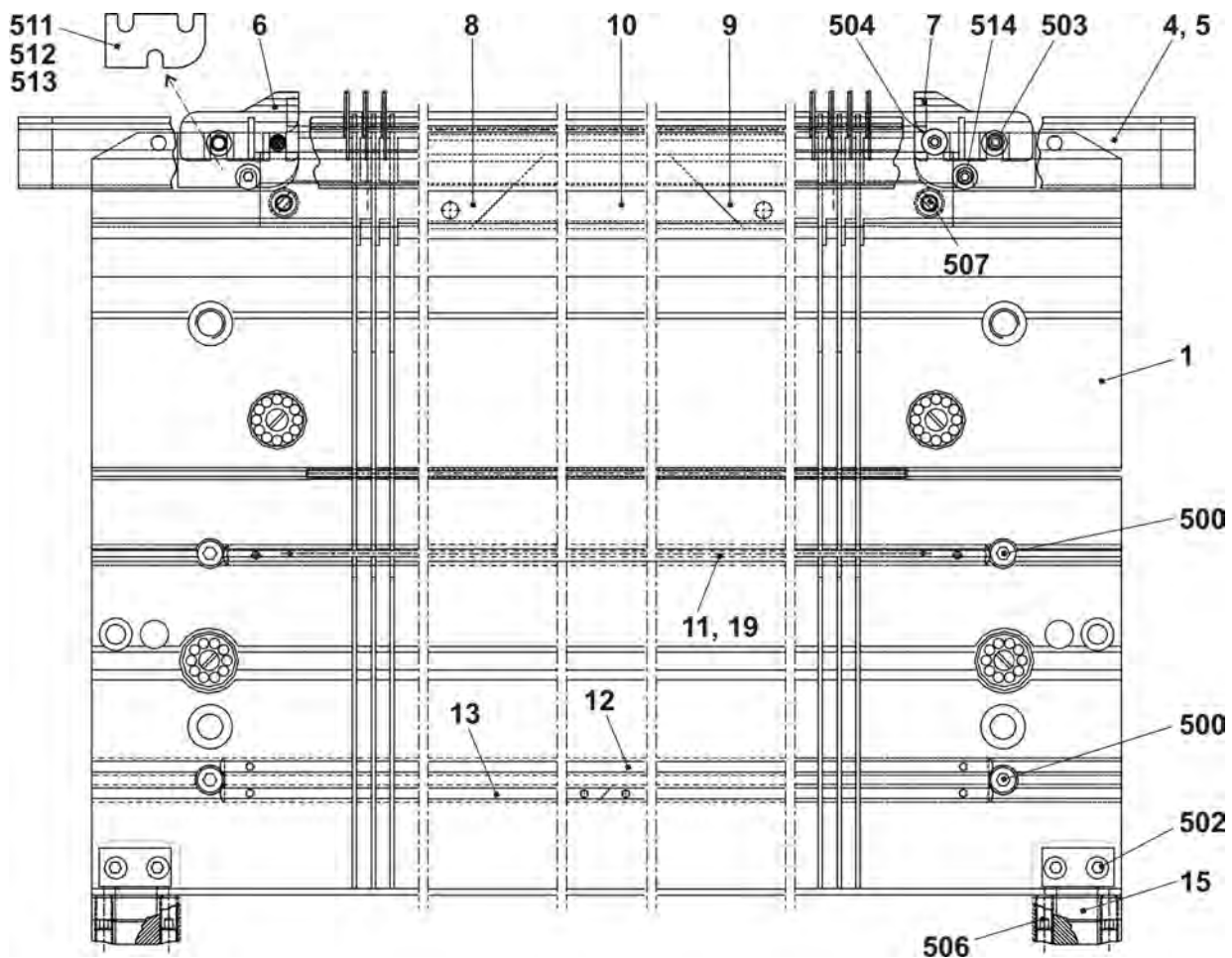
4.6.1 Continuation needle bed E7m.8

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7m.8	210 434			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E7	205 032
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E8 with round hook	208 745	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E7	207 055	520*	Cap screw M5x12	020 032



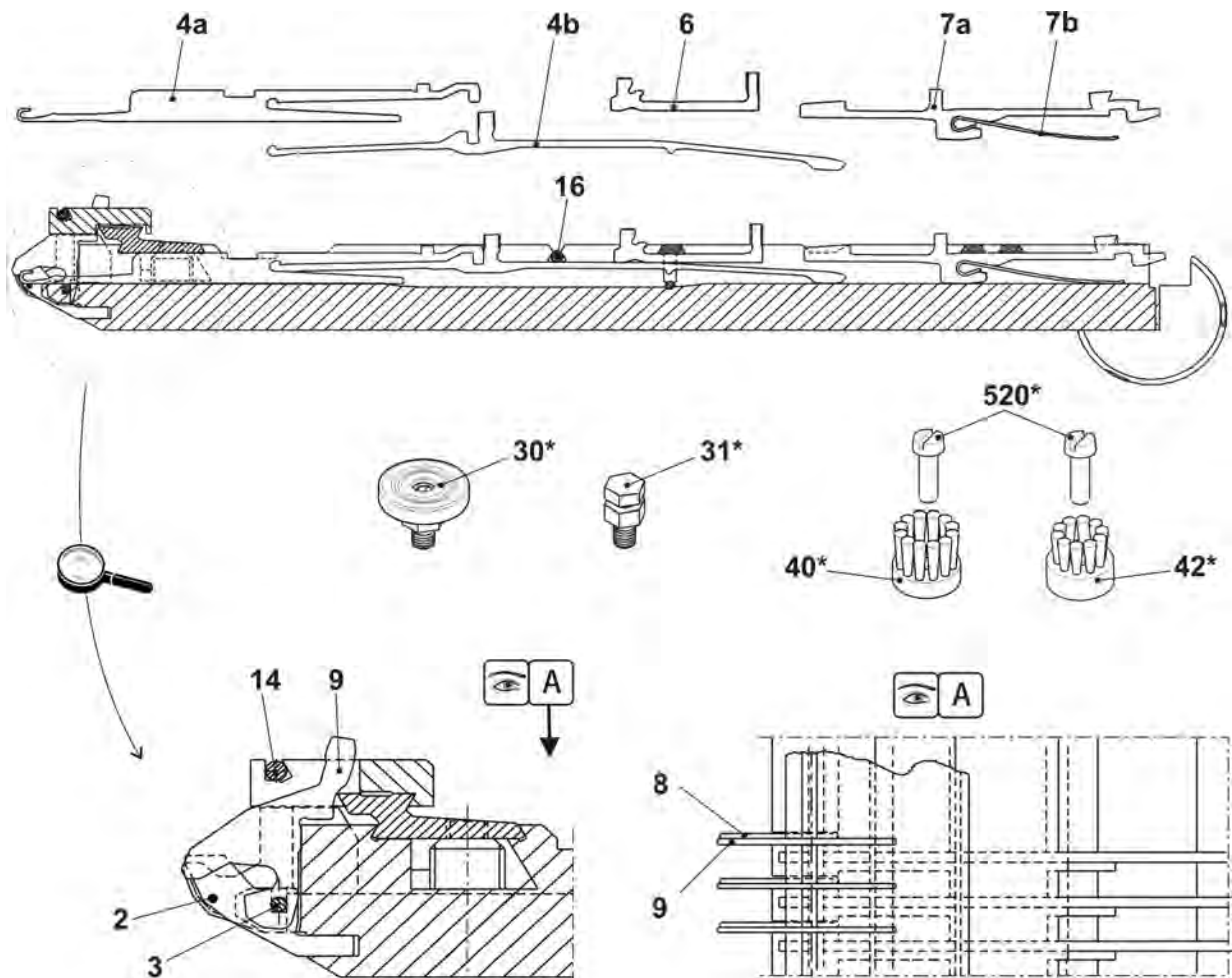
4.7 Needle bed E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE8m.7	210 435	15	Support	206 352
1	Needle bed at the front + rearE8	210 993	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E8	211 040	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E8	211 047	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E8	210 984	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



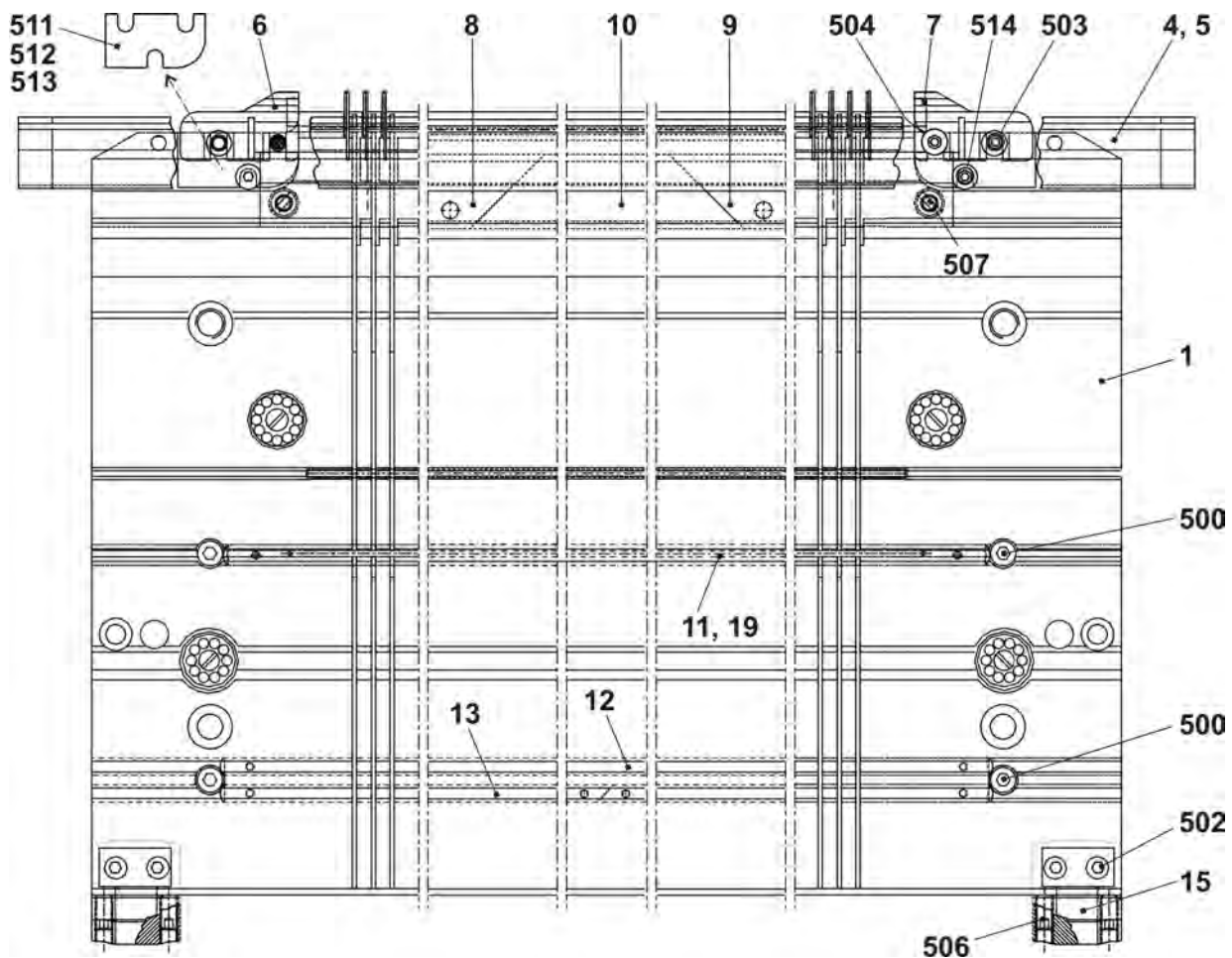
4.7.1 Continuation needle bed E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E8m.7	210 435			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E8	205 028
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E7 with round hook	205 397	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E8	207 054	520*	Cap screw M5x12	020 032



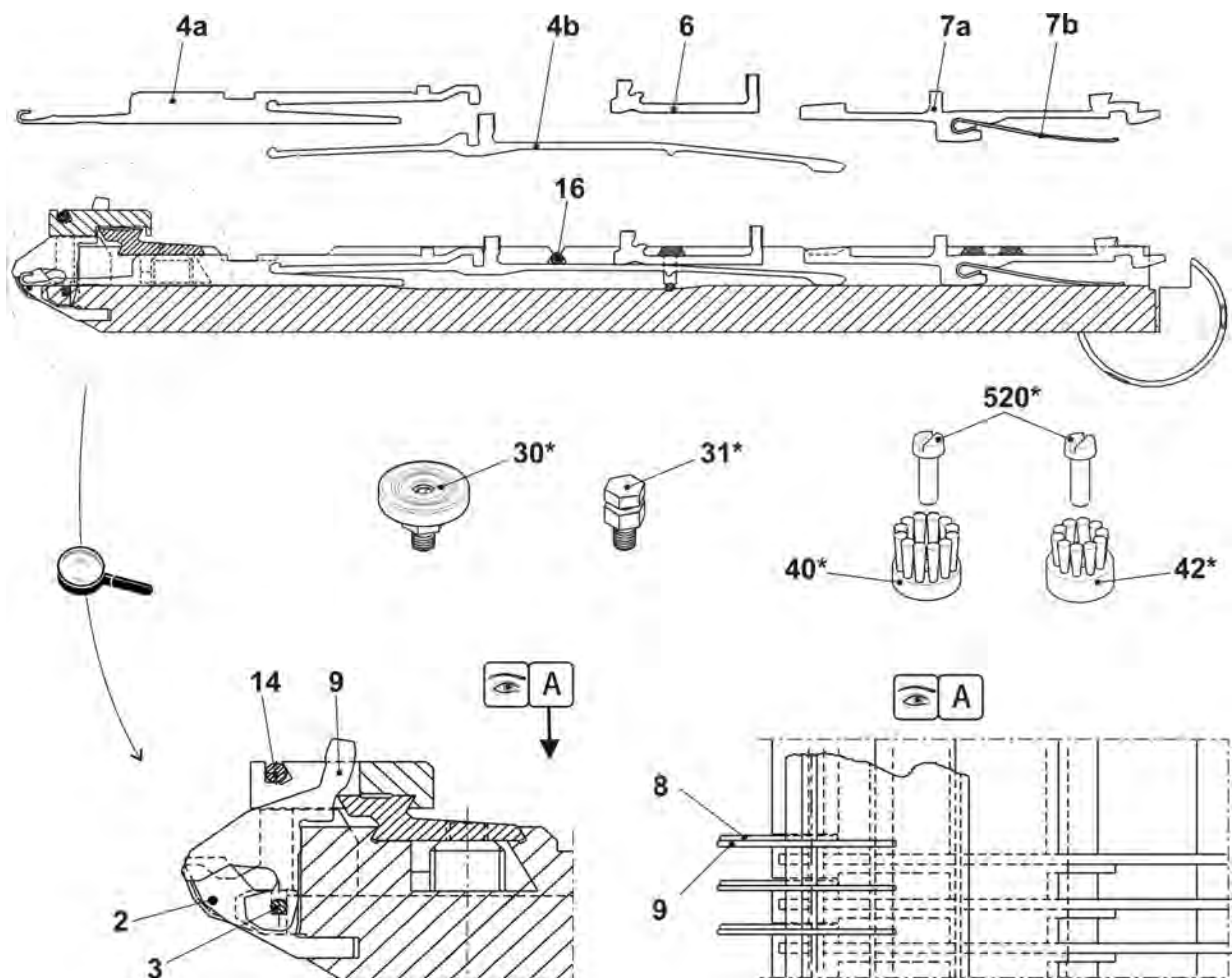
4.8 Needle bed E3,5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E3,5.2	244 613	15	Support	206 352
1	Needle bed at the front + rear E7	210 992	19	Cover rail at the rear	210 979
4	Holding-down jack bed at the front E3,5.2 MG	240 174	500	Cap screw M5x10	022 918
5	Holding-down jack bed at the rear E3,5.2	240 175	502	Cap screw M6x25	020 137
6	Limiter on the left E4-8	205 343	503	Cap screw M5x8-8.8	023 154
7	Limiter on the right E4-8	205 344	504	Cap screw M5x22	023 193
8	Needle bar	205 311	506	Setscrew M6x12-45	022 400
9	Needle bar on the right	205 312	507	Springy thrust piece B-M10	023 177
10	Needle bar	210 977	511	Shim0,05x18,5x34	023 196
11	Cover rail at the front E7	210 983	512	Shim0,1x18,5x34	023 197
12	Cover rail	210 978	513	Shim0,2x18,5x34	023 253
13	Cover rail	210 980	514	Cap screw M5x8	023 379



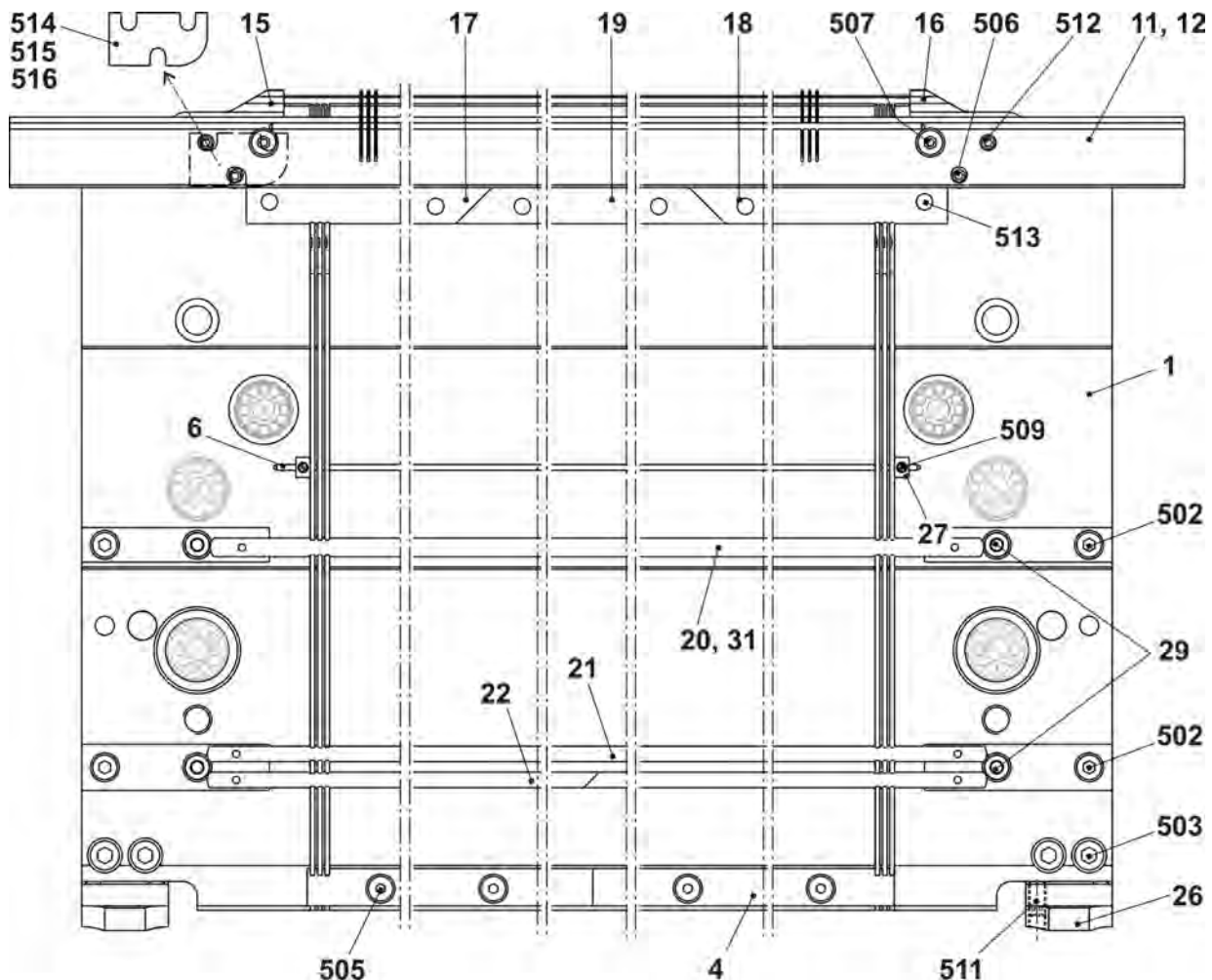
4.8.1 Continuation needle bed E3,5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E7	244 613			
2	Spring steel wire ø0,8	210 970	9	Holding-down jack E7	205 032
3	Spring steel wire ø2,0	210 972	14	Locating wire ø2,8	210 974
4a	Needle E2,5.2-3,5.2	232 581	16	Spring steel wire ø2,8	212 173
4b	Coupling part E5-8	253 381	30*	Adjusting piece	206 375
6	Intermediate slider with brake E5-8	237 323	31*	Set screw complete	207 712
7a	Selection jack E4-8	200 687	40*	Disk brush	235 612
7b	Selector spring E4-8	200 690	42*	Disk brush	202 600
8	Knock-over bit E7	207 055	520*	Cap screw M5x12	020 032



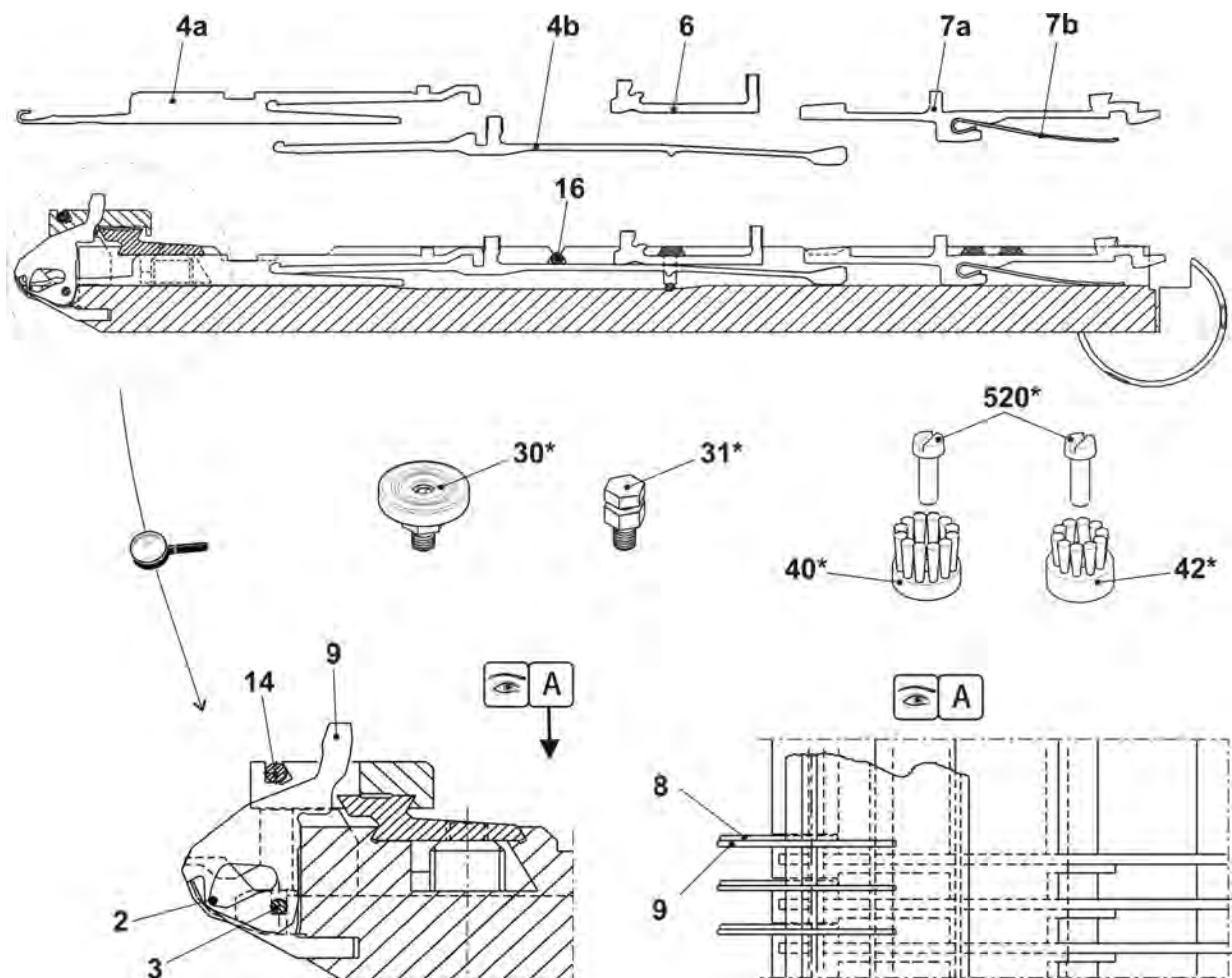
4.9 Needle bed E5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E5.2	244 611	27	Bush	206 090
1	Needle bed at the front + rear E5.2	244 532	29	Cap screw 5x12	209 484
4	Pressure strip	211 009	31	Cover rail at the rear	210 979
6	Spring steel wire ø2,0	210 972	502	Cap screw M5x12	020 132
11	Holding-down jack bed at the front E5.2	244 526	503	Cap screw M6x14	022 658
12	Holding-down jack bed at the rear E5.2	244 527	505	Cap screw M5x8	023 379
15	Limiter on the left E4-8	205 343	506	Cap screw M5x12-8.8	022 943
16	Limiter on the right E4-8	205 344	507	Cap screw M5x22	023 193
17	Needle bar on the left	205 311	509	Setscrew M3,5x3-1	020 512
18	Needle bar on the right	205 312	511	Setscrew M6x12-45	022 400
19	Needle bar	210 977	512	Cap screw M5x8-8.8 M	023 154
20	Cover rail at the front E10	210 985	513	Springy thrust piece B-M10	023 177
21	Cover rail	210 978	514	Shim0,05x18,5x34	023 196
22	Cover rail	210 980	515	Shim0,1x18,5x34	023 197
26	Support	206 352	516	Shim0,2x18,5x34	023 253



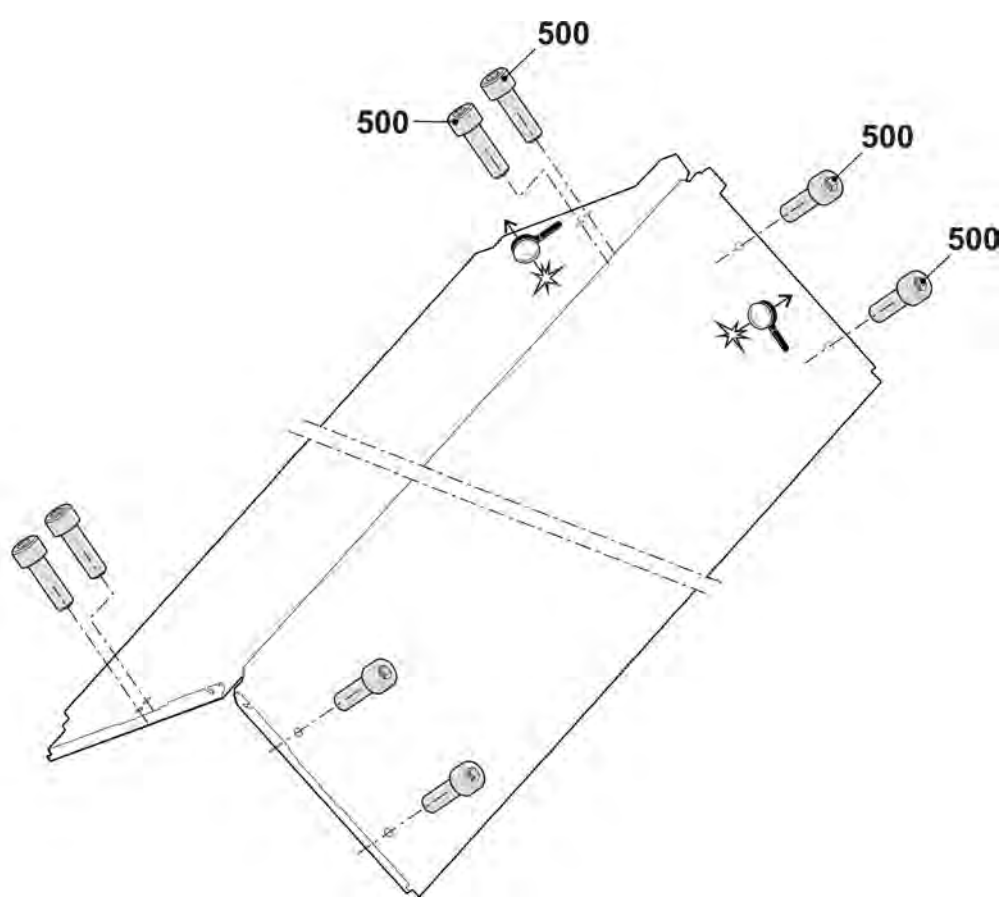
4.9.1 Continuation needle bed E5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E5.2	244 611			
2	Locating wire ø3,4	210 975	14	Holding-down jack breast E5.2	229 832
3	Main trick wall E5.2	219 171	25	Locating wire ø2,8	210 974
5	Spring steel wire ø1,0	210 971	32	Spring steel wire ø2,0	210 973
7a	Needle E5.2	219 181	33	Spring steel wire ø1,95	212 184
7b	Coupling part E5.2	219 188	30*	Adjusting piece	206 375
9	Intermediate slider with brake E5.2	236 030	31*	Set screw complete	207 712
10a	Selection jack E5.2	219 214	40*	Disk brush	235 612
10b	Selector spring E5.2	219 265	42*	Disk brush	202 600
13	Knock-over bit E5.2	221 367	520*	Cap screw M5x12	020 032



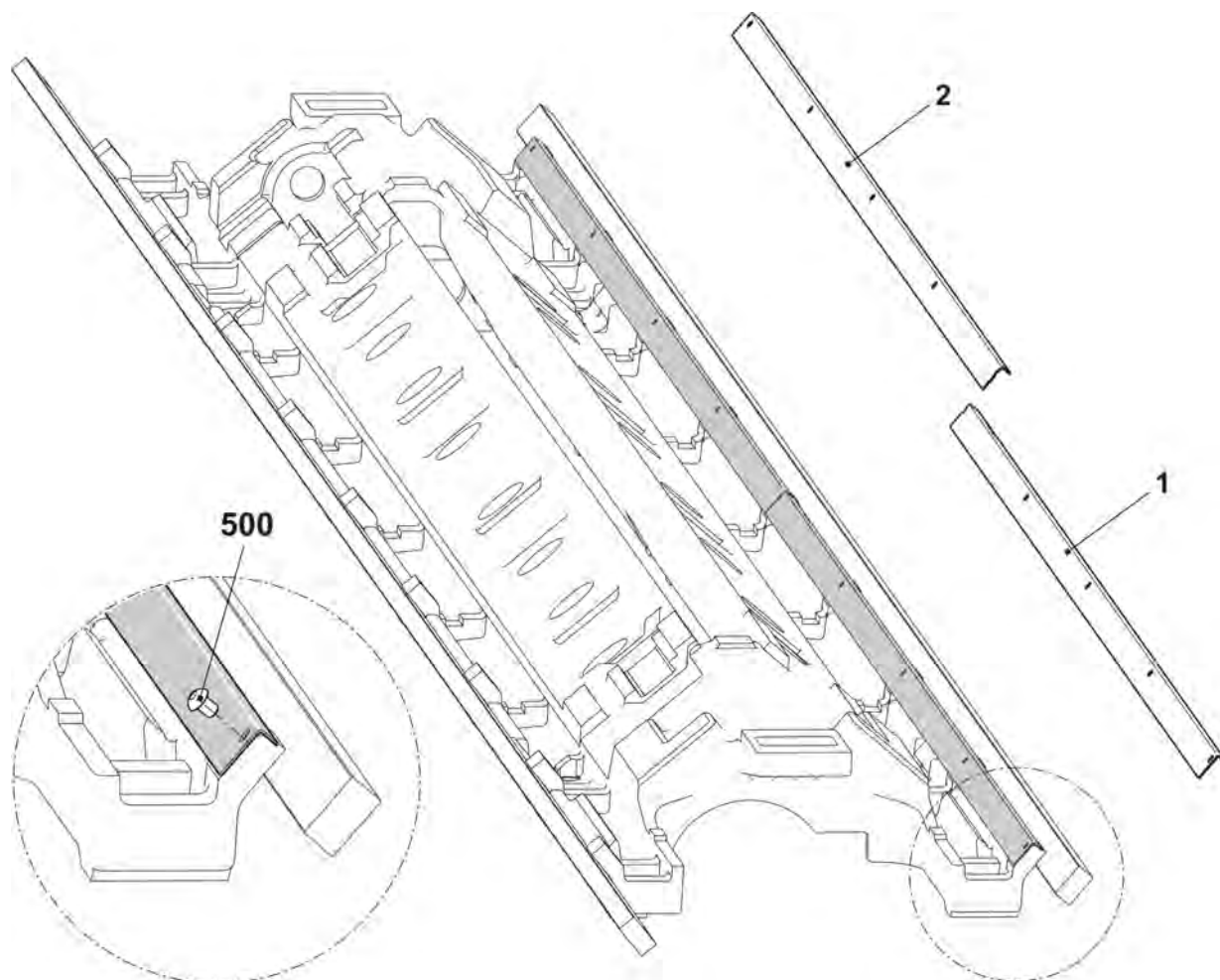
4.10 Needle beds, fixing elements

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed, fixing elements				
500	Cap screw M8x25	020 142			

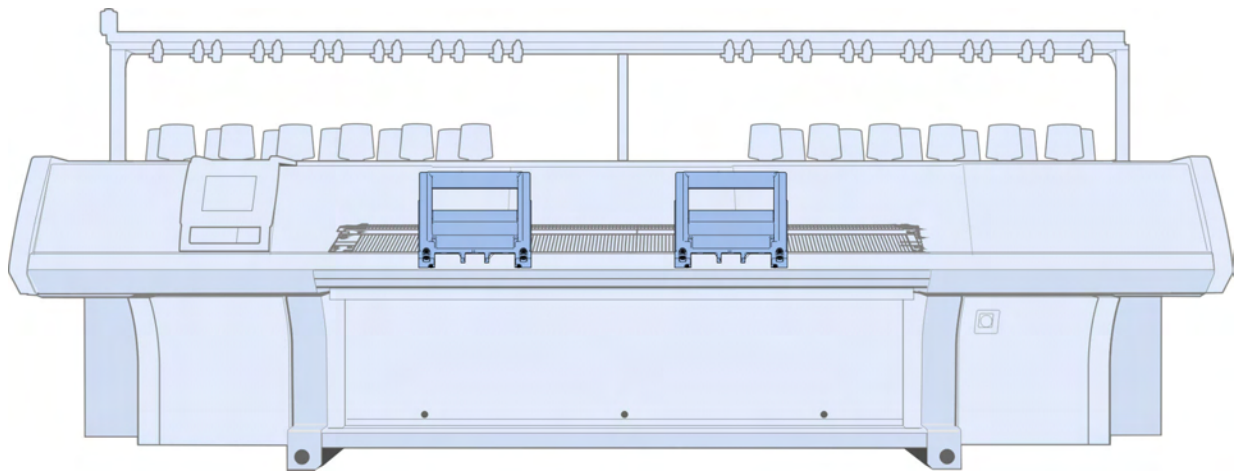


4.11 Cover on the left and on the right

Pos	Designation	ID	Pos	Designation	ID
1	Cover on the left	242 253	500	Pan-head screw M8x10	241 930
2	Cover on the right	242 254			

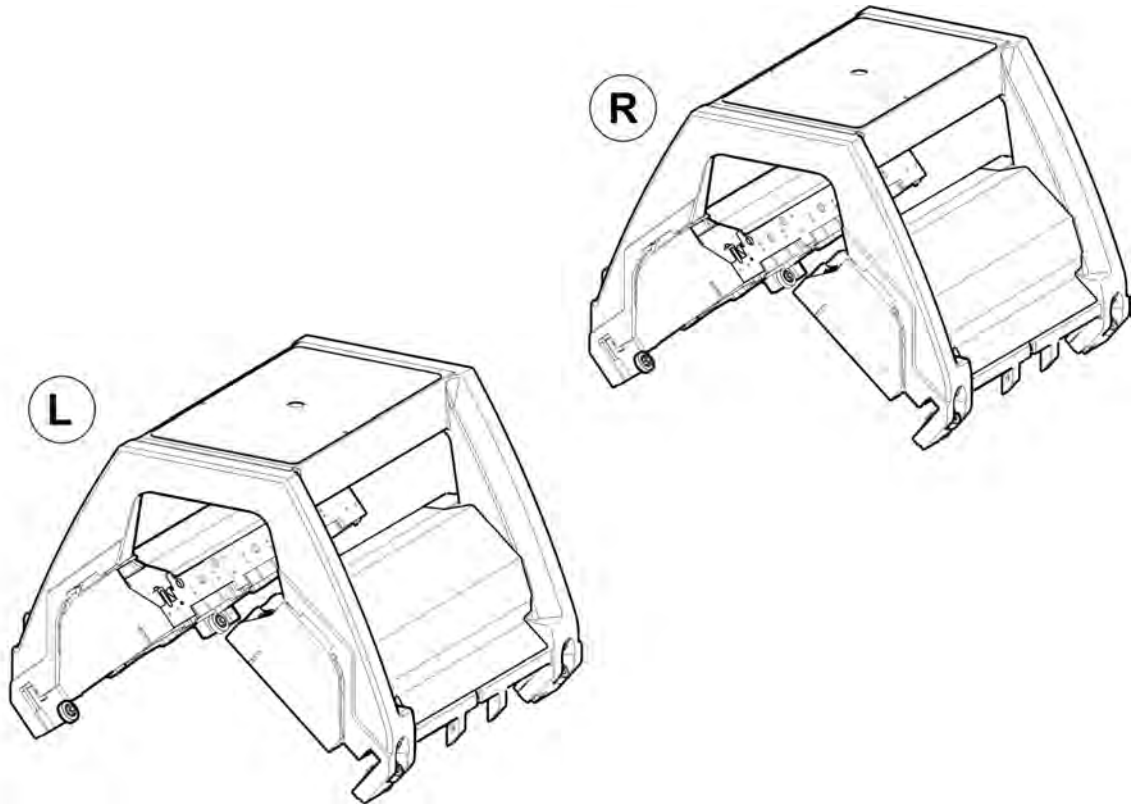


5 Tandem carriage



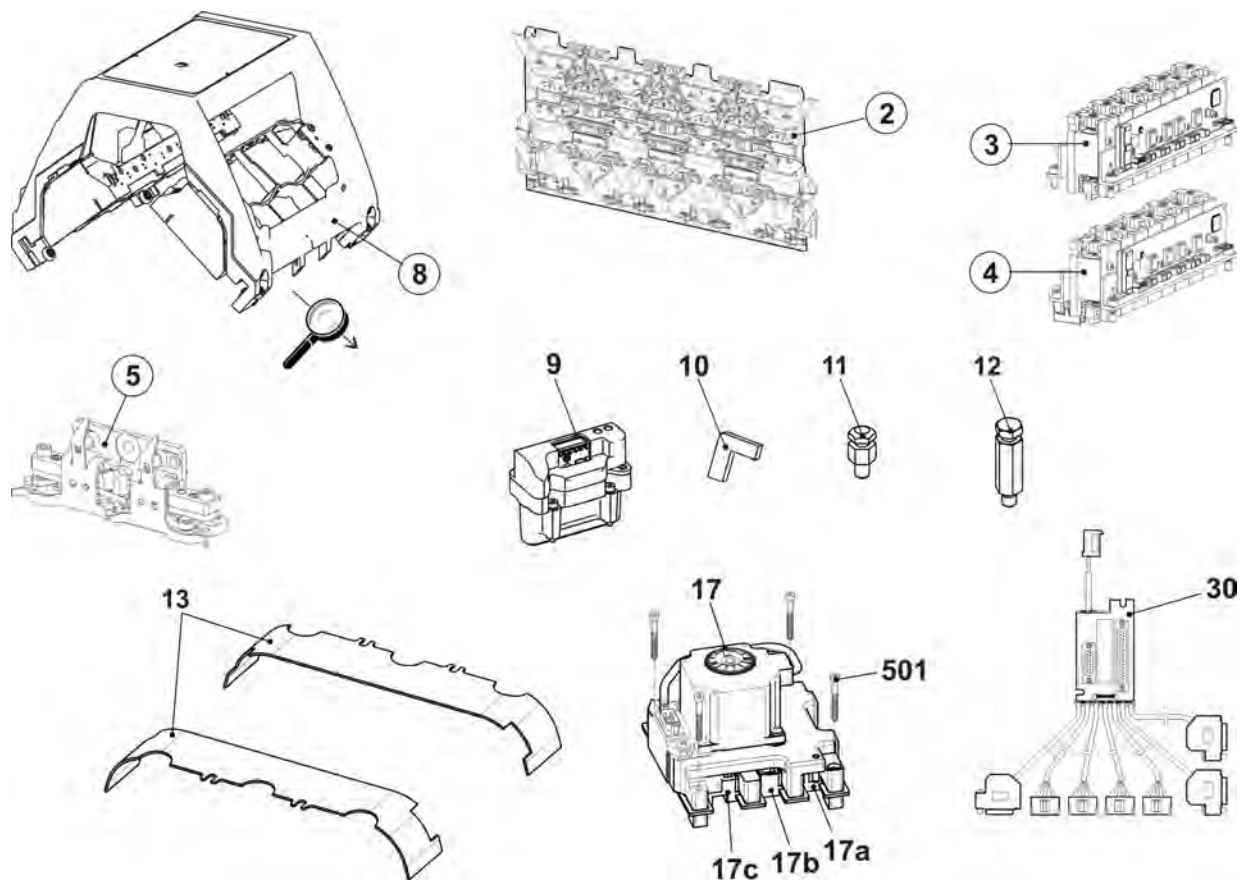
5.1 Complete Carriage

Pos	Designation	ID	Pos	Designation	ID
Σ L	Carriage left complete		Σ R	Carriage right complete	
	E5 E5m.4 E7m.5 E3,5.2	256 270		E5 E5m.4 E7m.5 E3,5.2	256 271
	E7 E8 E7m.8 E8m.7	256 272		E7 E8 E7m.8 E8m.7	256 273
	E5.2	256 274		E5.2	256 275



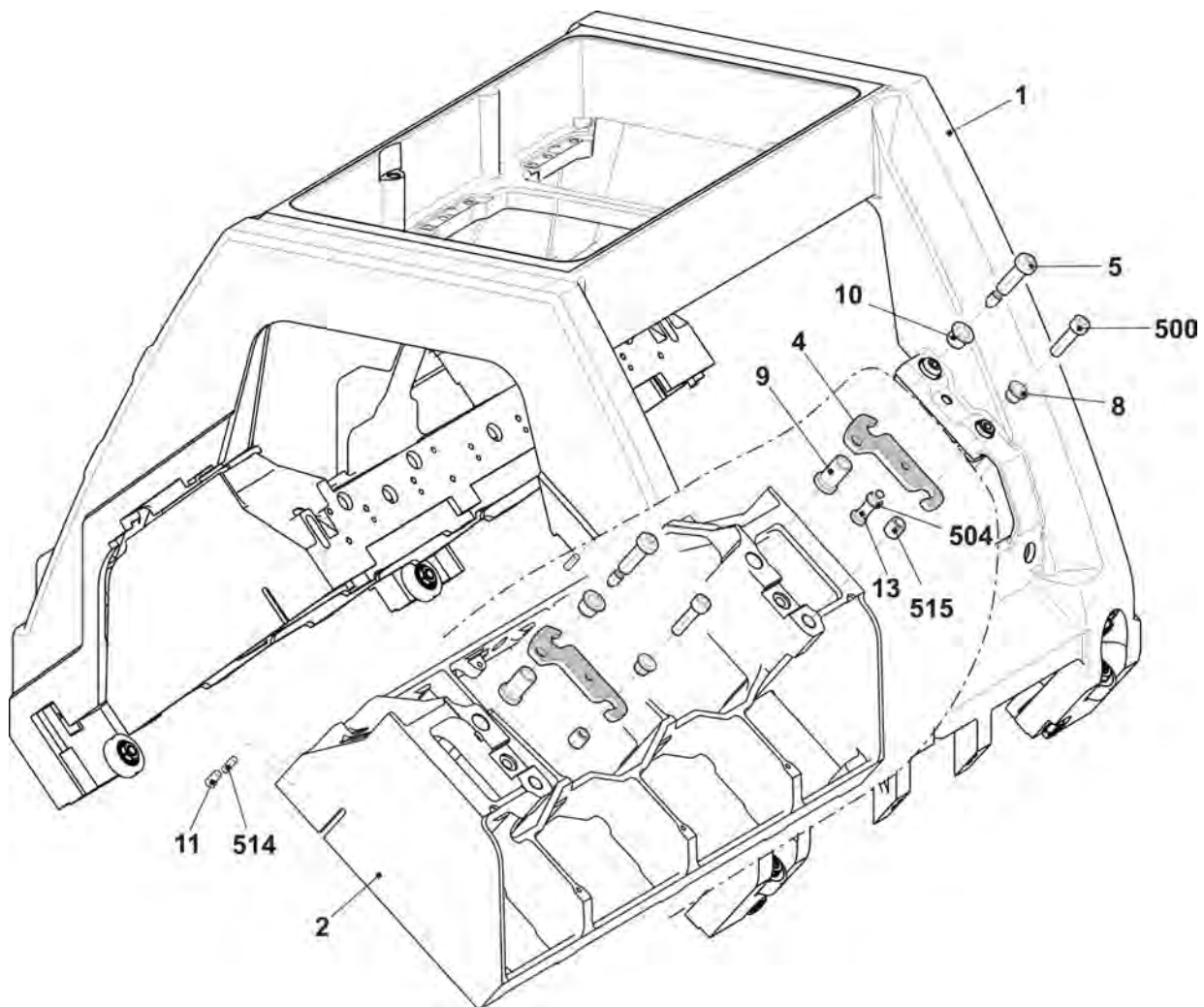
5.2 Overview of Carriage Parts

Pos	Designation	ID	Pos	Designation	ID
2	Cam box set complete		10	Wiper felt	241 411
	E5 E5m.4 E7m.5 E3,5.2 E5.2	244 467	11	Bolts	212 392
	E7 E8 E7m.8 E8m.7	243 883	12	Bolts	243 171
3	FF driving outside complete	245 297	13	Cover plate at the top	265 390
4	FF driving in the middle complete	245 298	17	Motor unit complete	253 531
5	Holding-down jack control complete E5-8	241 515		17a Gear rack at the top	209 781
8	Carriage assembly 3-cam box on the left 6-Z 933	256 515		17b Gear rack in the middle	209 782
9	Carriage assembly 3-cam box on the right complete 6-Z 933	256 685	30	17c Gear rack at the bottom	209 783
	Selection system completeE2 - E8 (E5 E7 E8 E5m.4 E7m.5 E3,5.2 E7m.8 E8m.7)	216 218		Distributor 933 6Z okc3	259 673
	Selection system completeE10-12 (E5.2)	216 219	501	Screw M4x30	023 290



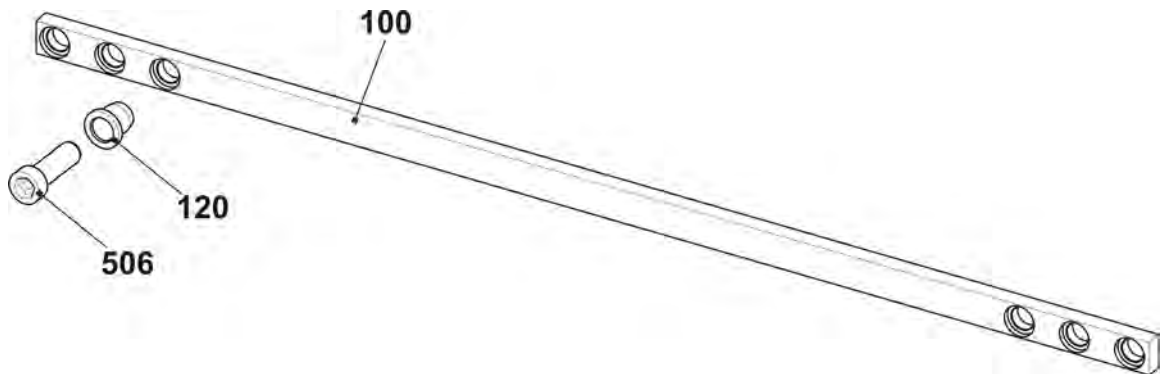
5.3 Carriage assembly

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage assembly 3 cam boxes on the left complete 6-Z 933	256 515			
	Carriage assembly 3 cam boxes on the left complete 6-Z 933	256 685	10	Bush	209 274
1	Carriage frame, 3-cam box 6-Z	259 020	11	Eccentric	222 983
2	Carriage part, 3-cam box	259 703	13	Locating bolt linking spot	244 179
4	Shim	225 312	500	Cap screw M8x30	020 143
5	Shoulder screw	211 750	504	Circlip 6	021 022
8	Bush	207 546	514	Dowel pin 5x14	020 670
9	Bush	209 275	515	Threaded bush M12x11,5	041 863



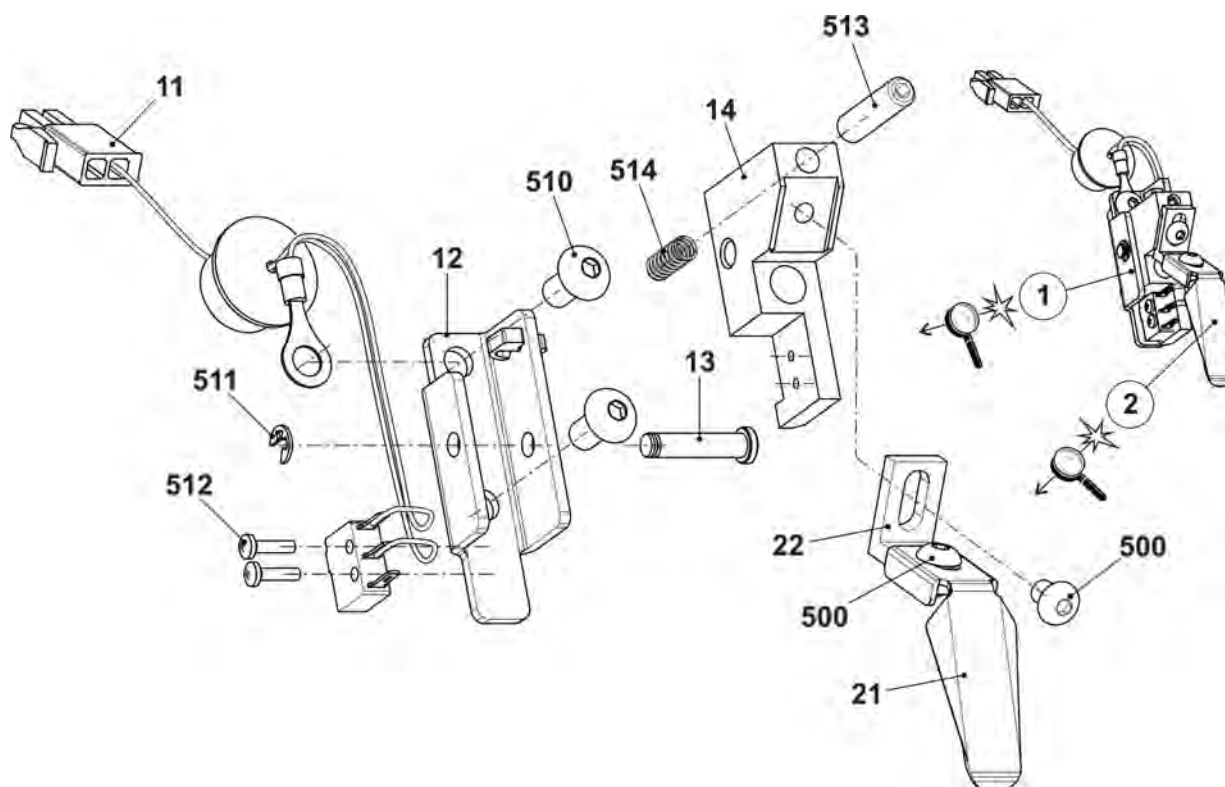
5.4 Carriage coupling

Pos	Designation	ID	Pos	Designation	ID
100	Connecting rod	225 128	506	Cap screw M16x45	023 366
120	Sleeve	225 600			



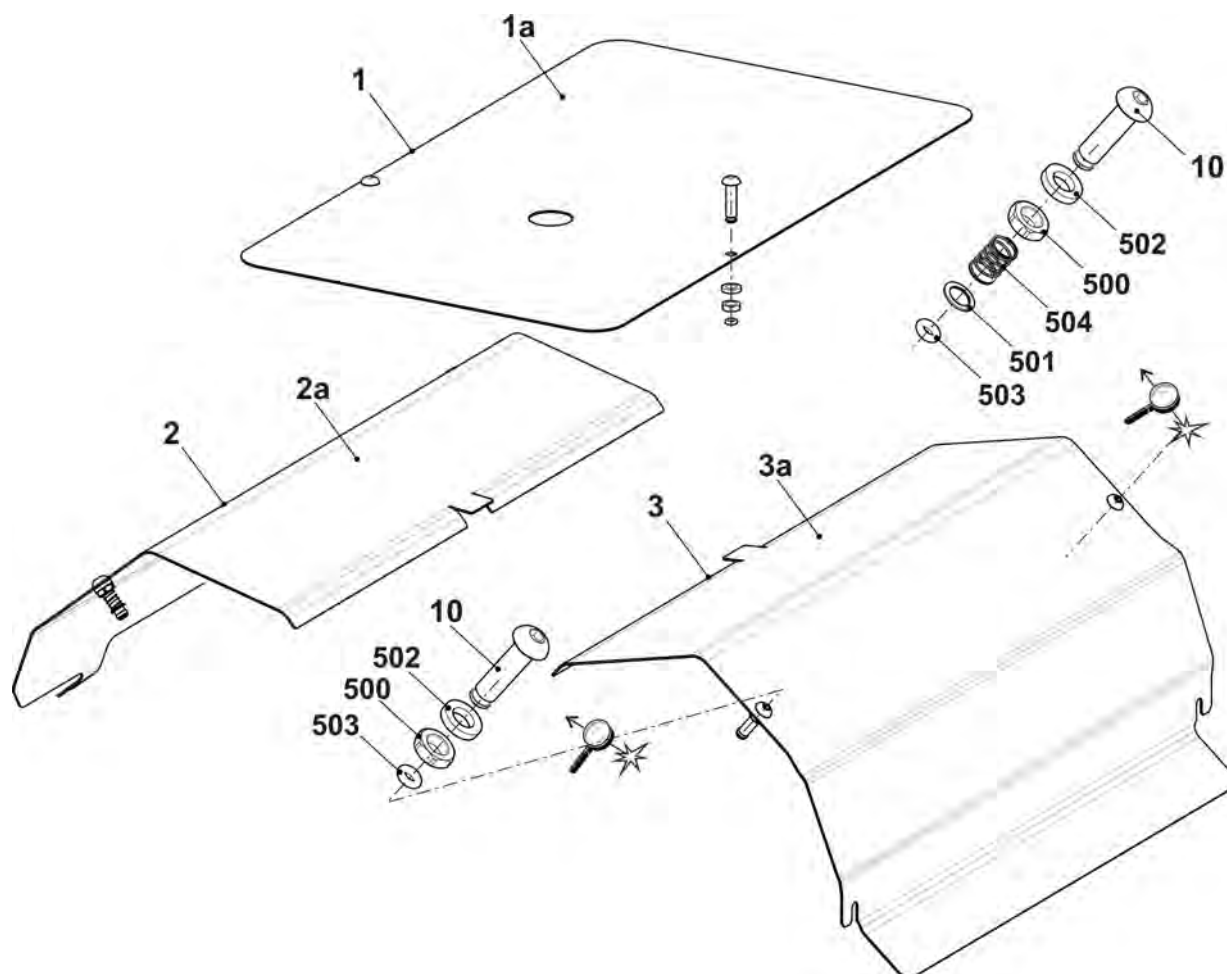
5.5 Needle detector

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



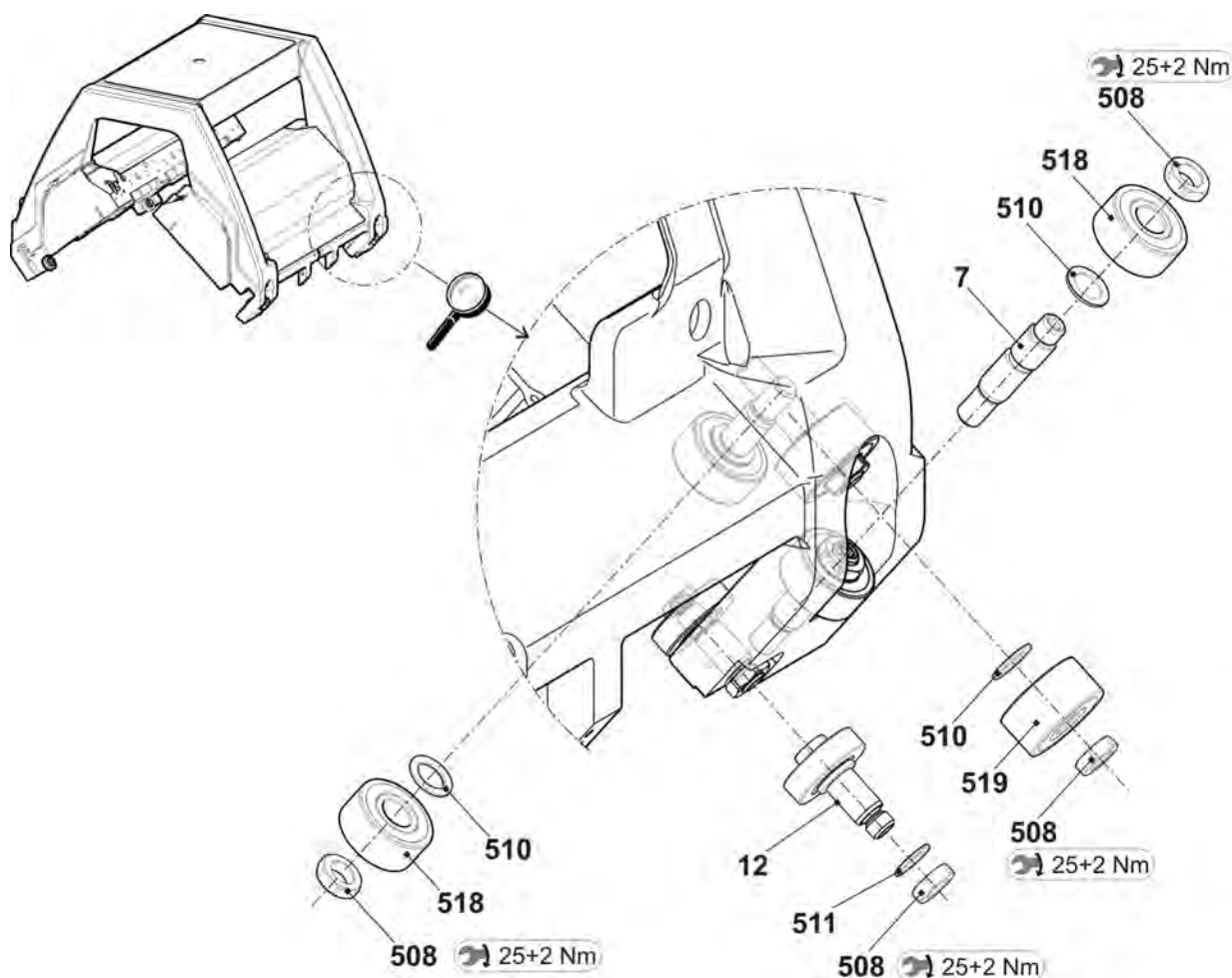
5.6 Carriage cover

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



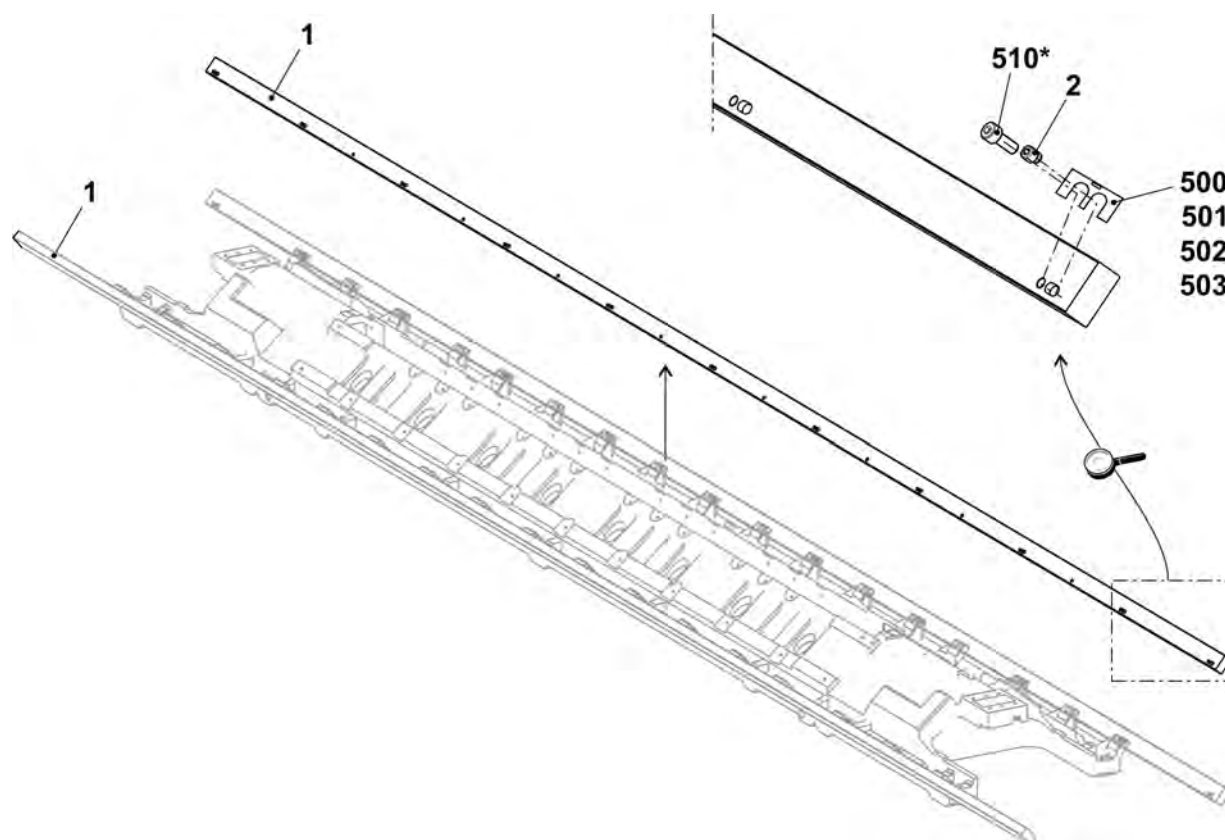
5.7 Carriage guide

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			



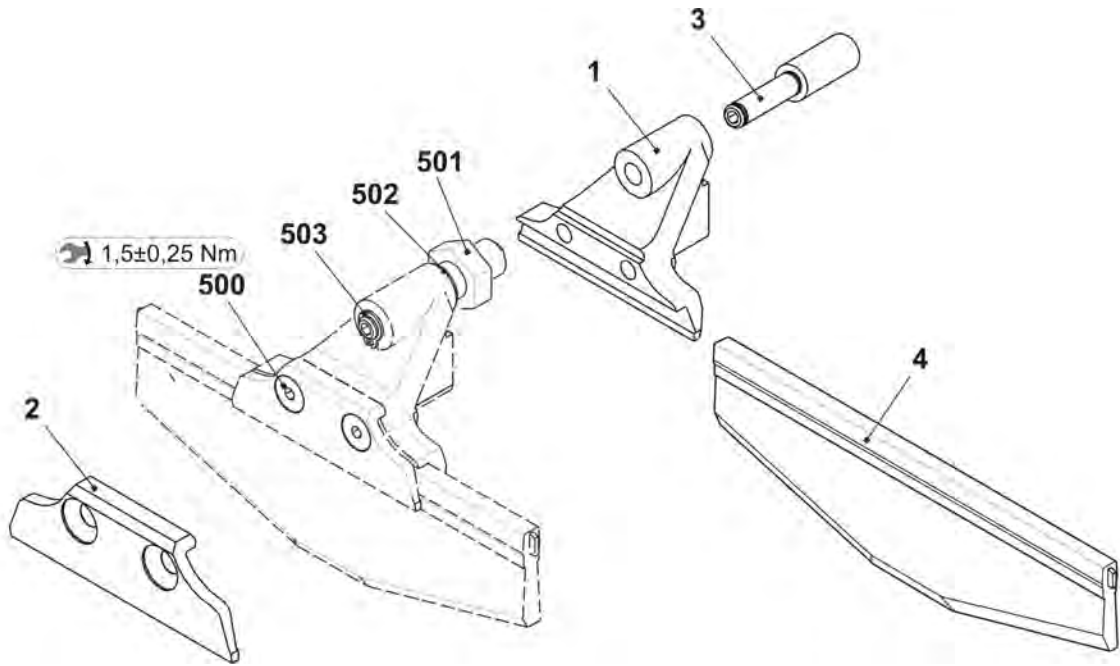
5.8 Spare parts package carriage guide bar

Pos	Designation	ID	Pos	Designation	ID
Σ	Spare parts package carriage guide bar933	252 990	501	Shim0,05x22x42	243 291
1	Carriage guide rail	242 051	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



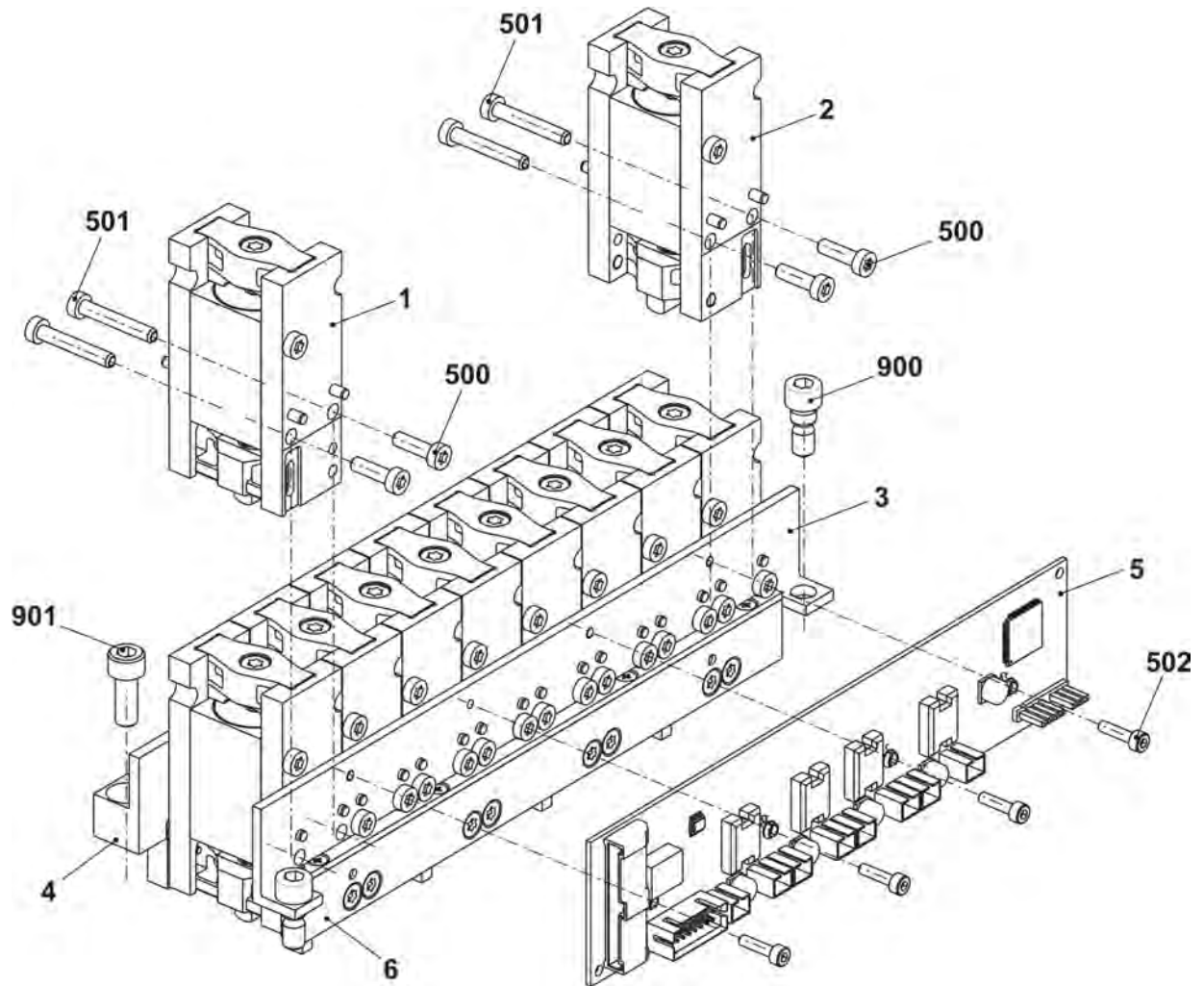
5.9 Brush holder

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



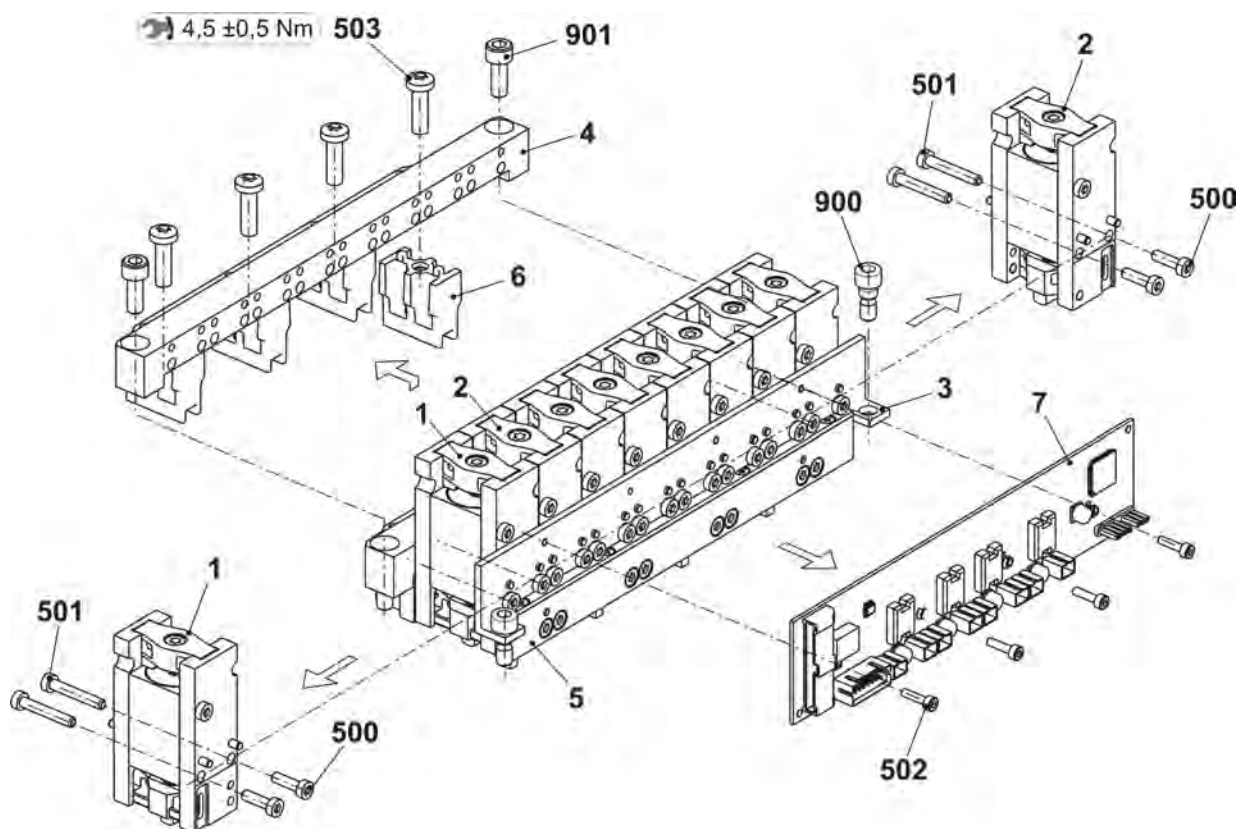
5.10 Yarn carrier driving without guide part

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



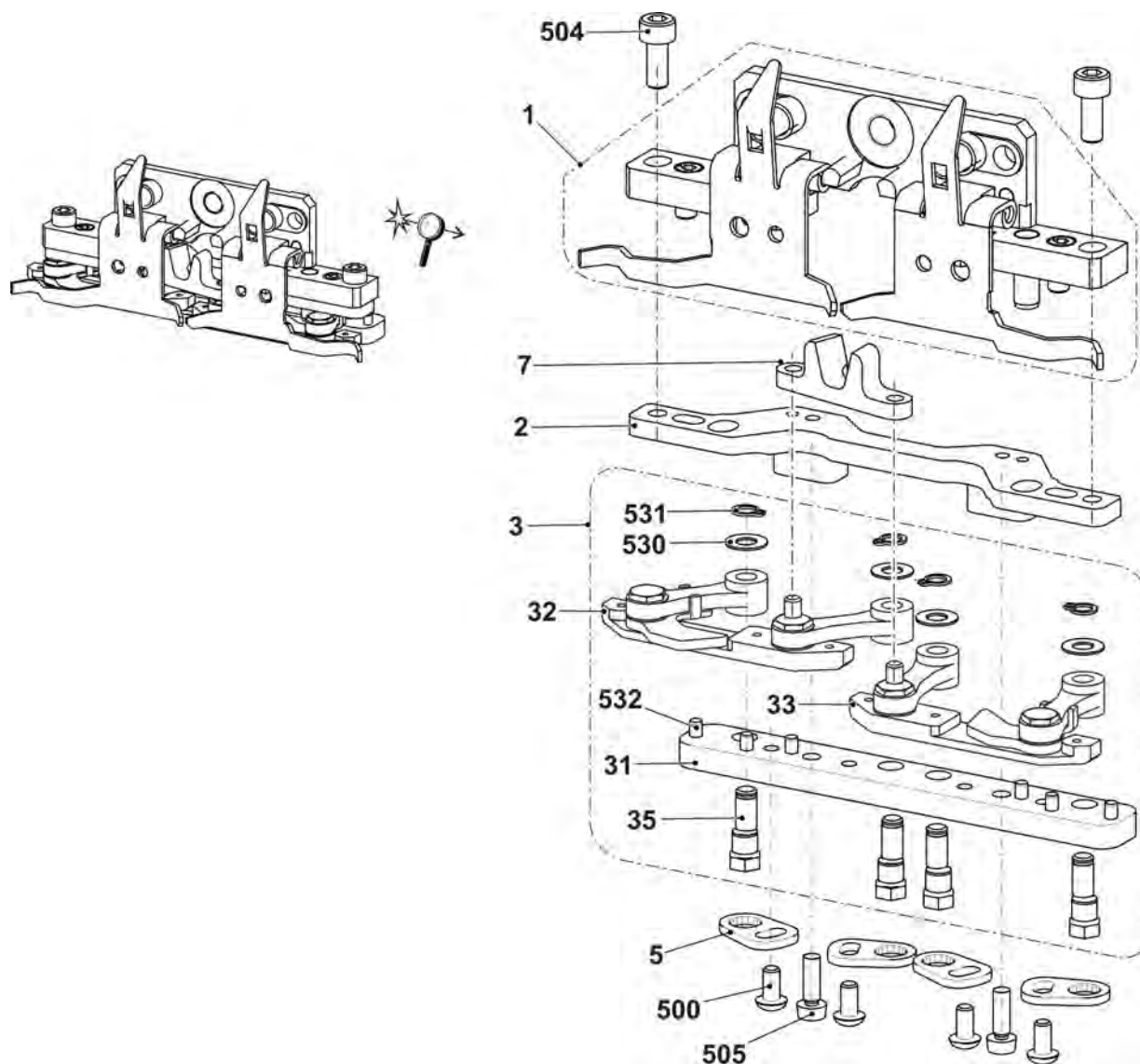
5.11 Yarn carrier driving with guide part

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



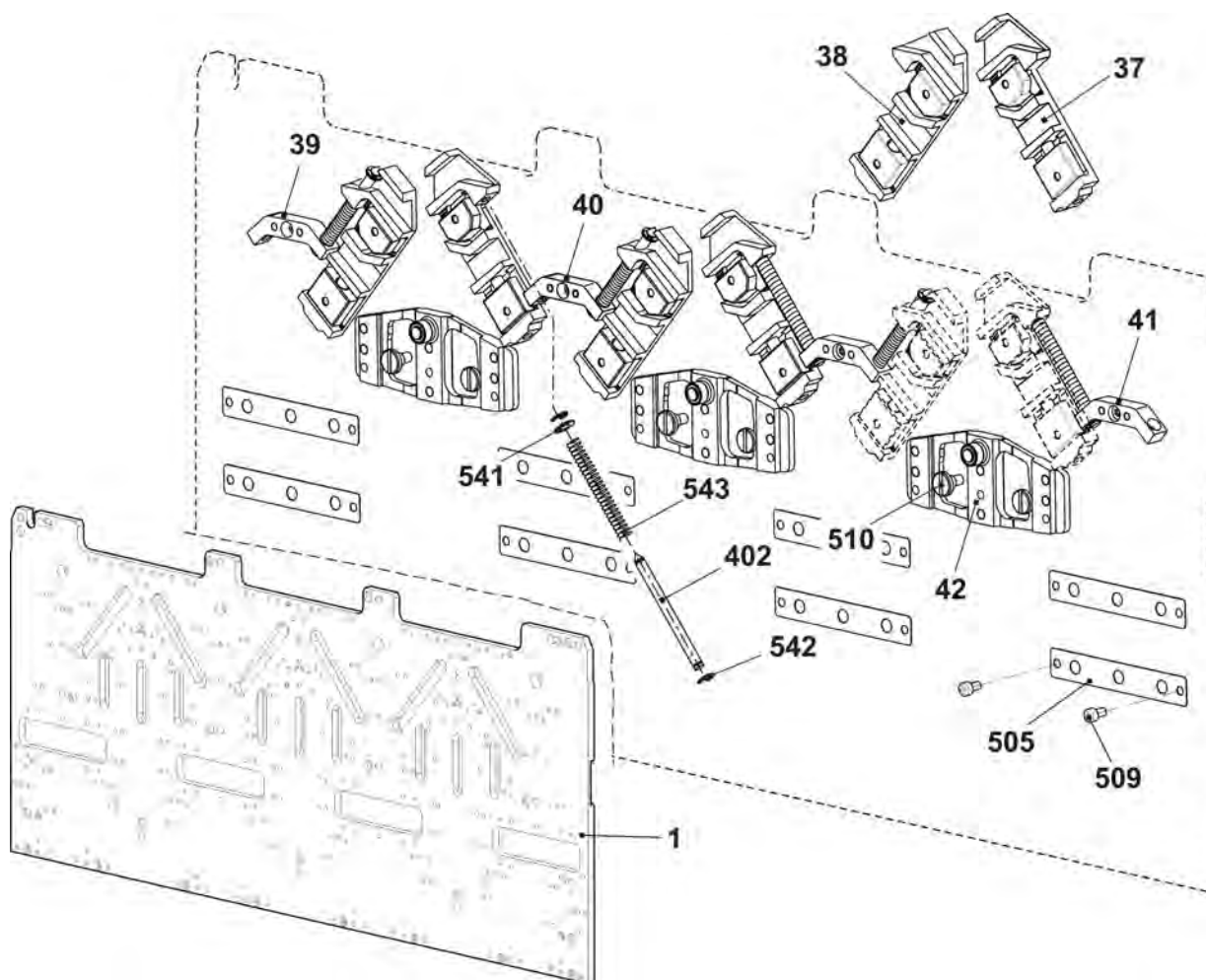
5.12 Holding-down jack control

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack control completeE5-8	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



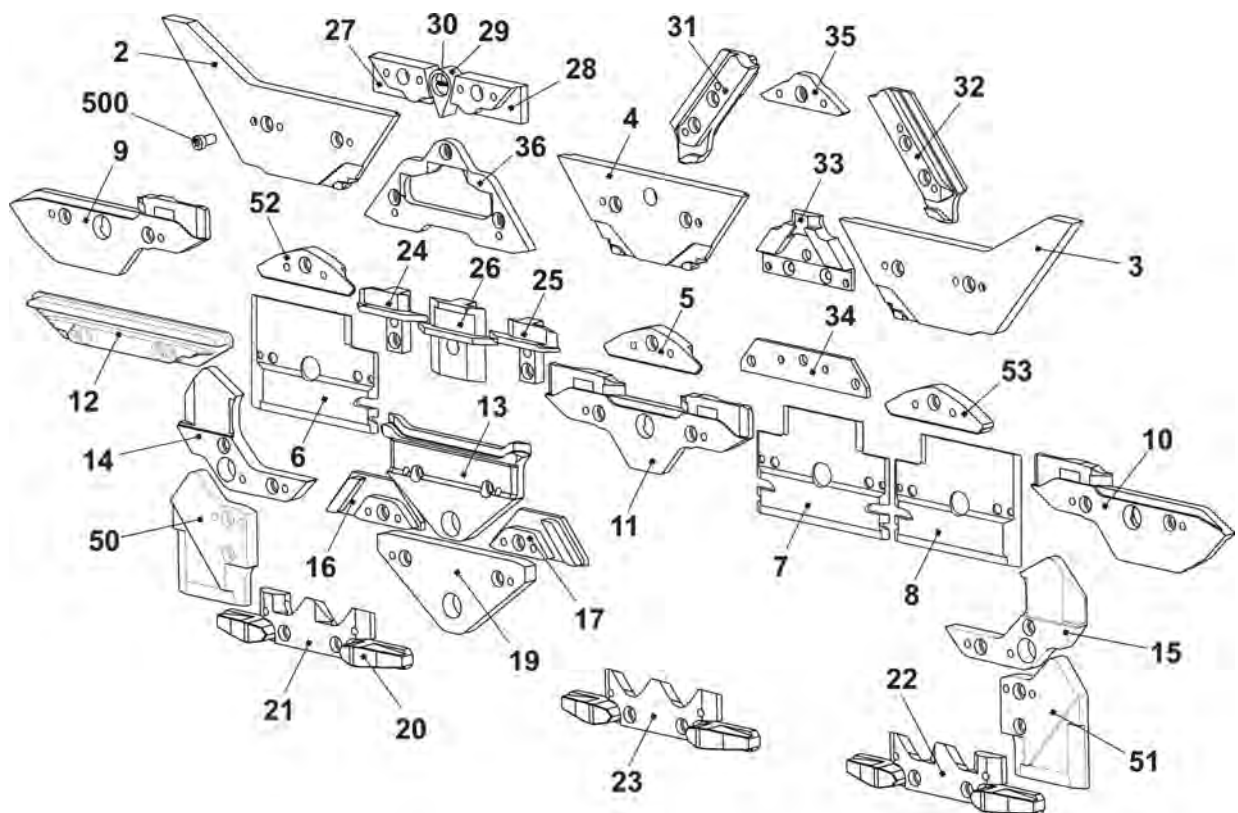
5.13 Cam box E5 | E3,5.2 | E5.2 | E5m.4 | E7m.5

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E5	244 467			
1	Cam plate	240 371	541	Disk4,1x6x0,5	022 893
37	Loop sinking cam on the right complete E5 - E10	211 163	542	Circlip 3,2	021 019
38	Loop sinking cam on the left complete E5 - E10	211 164	543	Compression spring	250 515
39	Rod guide element on the left	211 165	42	Switching piece	240 281
40	Rod guide element in the middle	211 166	505	Shim0,5x12x75	236 654
41	Rod guide element on the right	211 168	509	Pan-head screw M3x4	023 142
402	Spring rod	209 791	510	Shoulder screw	239 626



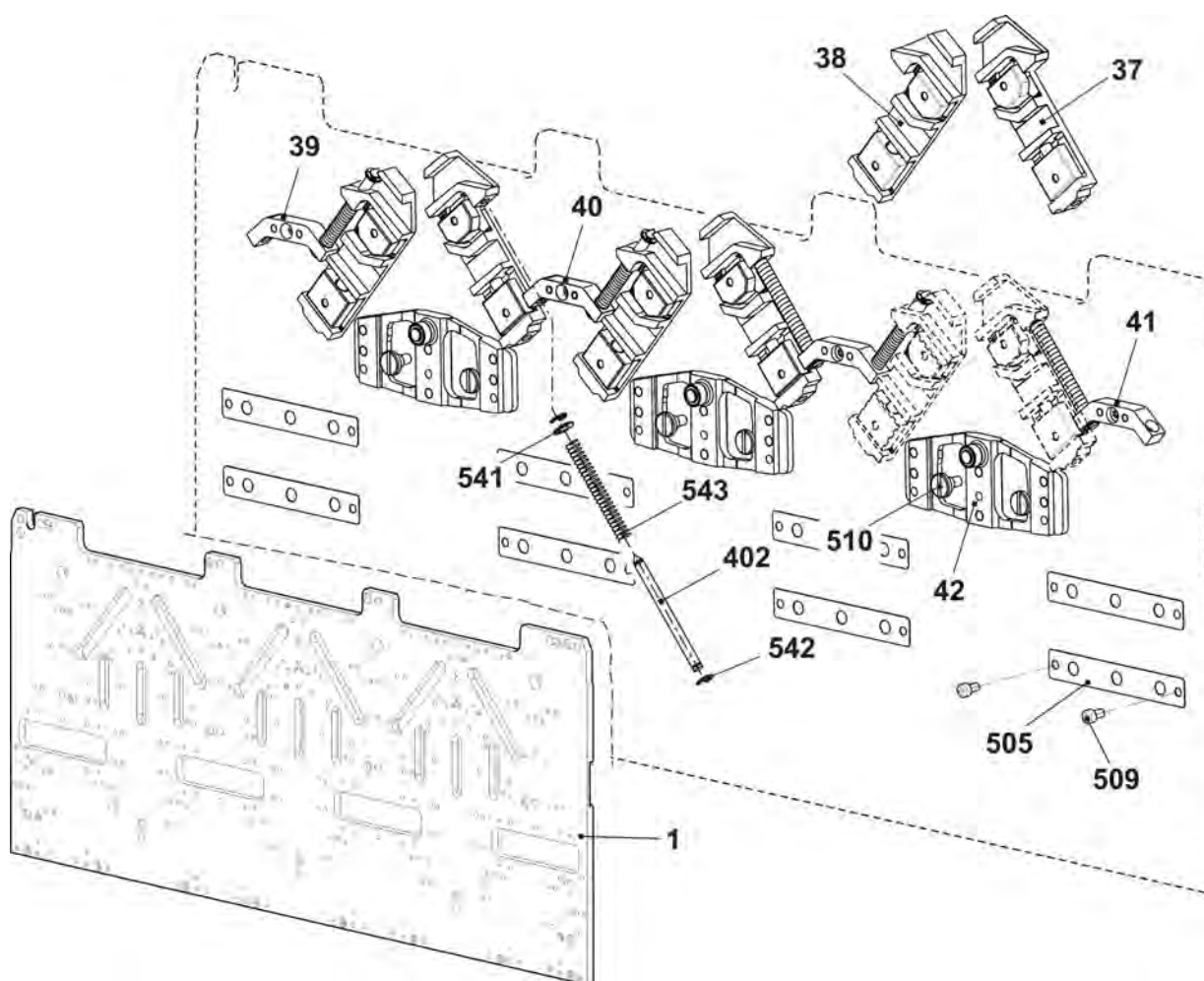
5.13.1 Continuation cam box E5 | E3,5.2 | E5.2 | E5m.4 | E7m.5

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	213 304	23	Selection cam	212 946
3	Entry cam on the right	213 303	24	Pressure part receiving on the left	239 848
4	Entry cam at the top	210 285	25	Pressure part receiving on the right	239 849
5	Entry cam in the middle bottom E2,5.2 E3,5.2	235 719	26	Tuck pressure part	239 621
6	Plate on the left	260 605	27	Limiting cam on the left E5	210 289
7	Plate in the middle	260 604	28	Limiting cam on the right E5	210 290
8	Plate on the right	260 606	29	Pointer E2,5.2 E3,5.2	229 505
9	Cam on the left	231 039	30	Screw	210 335
10	Cam part at the right	231 041	31	Stitch cam on the left E2,5.2 E3,5.2	235 712
11	Cam part at the center	231 040	32	Stitch cam on the right E2,5.2 E3,5.2	235 713
12	Cam part	260 592	33	Tuck limiting cam E5	214 051
13	Cam part	210 254	34	Raising cam plate E4-12	204 372
14	Cam on the left E5-14	212 265	35	Receiving cam E5	210 386
15	Cam at the right E5-14	212 266	36	Raising cam without split-stitch E5	213 302
16	Cam on the left	236 192		Raising cam with split-stitch E5 Accessories	213 294
17	Cam part at the right	236 193	50	Cam on the left	212 274
19	Cam part	210 252	51	Cam part at the right	212 275
20	Offering cam	210 185	52	Entry cam at the bottom on the left E2,5.2 E3,5.2	235 718
21	Selection cam on the left	212 944	53	Entry cam at the bottom on the right E2,5.2 E3,5.2	235 720
22	Selection cam on the right	212 947	500	Cap screw M4x8	020 091



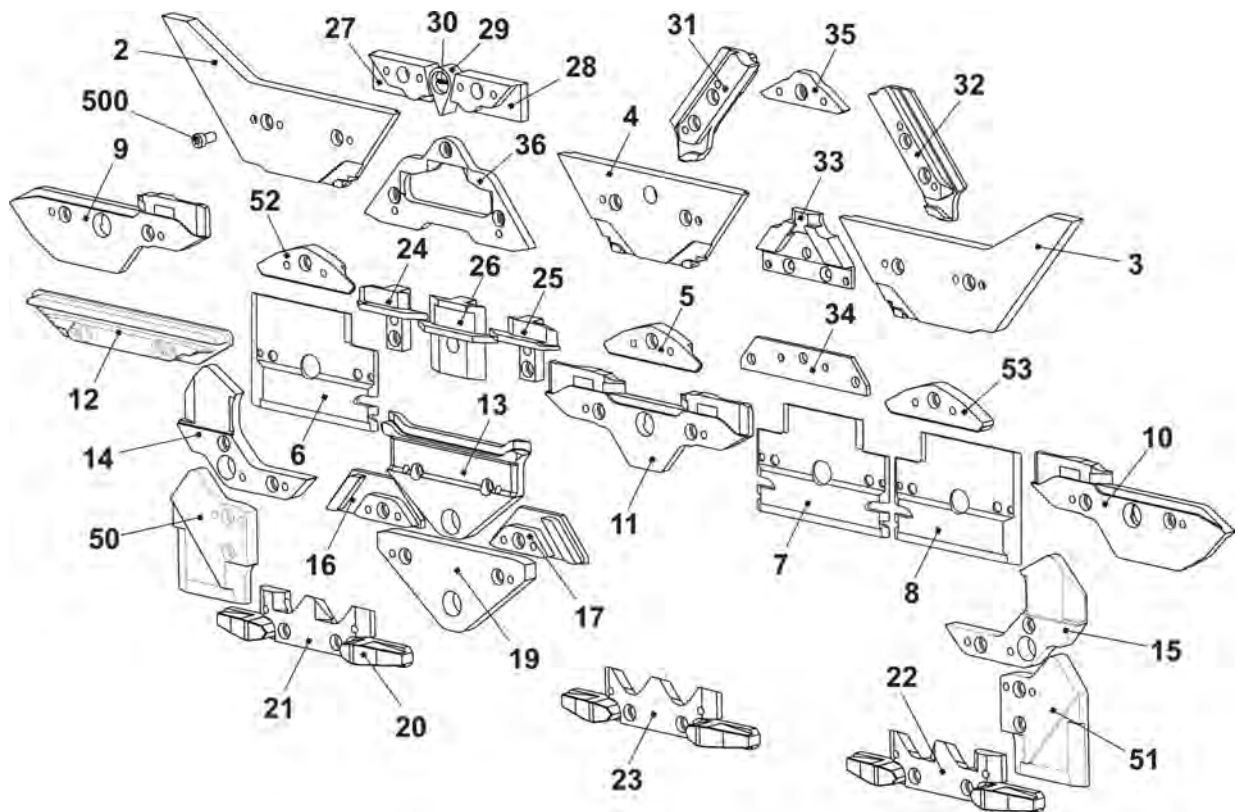
5.14 Cam box E7 | E8 | E7m.8 | E8m.7

Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box set complete E16 - E20	243 883			
1	Cam plate	240 371	541	Disk4,1x6x0,5	022 893
37	Loop sinking cam on the right complete E5 - E10	211 163	542	Circlip 3,2	021 019
38	Loop sinking cam on the left complete E5 - E10	211 164	543	Compression spring	250 515
39	Rod guide element on the left	211 165	42	Switching piece	240 281
40	Rod guide element in the middle	211 166	505	Shim0,5x12x75	236 654
41	Rod guide element on the right	211 168	509	Pan-head screw M3x4	023 142
402	Spring rod	209 791	510	Shoulder screw	239 626



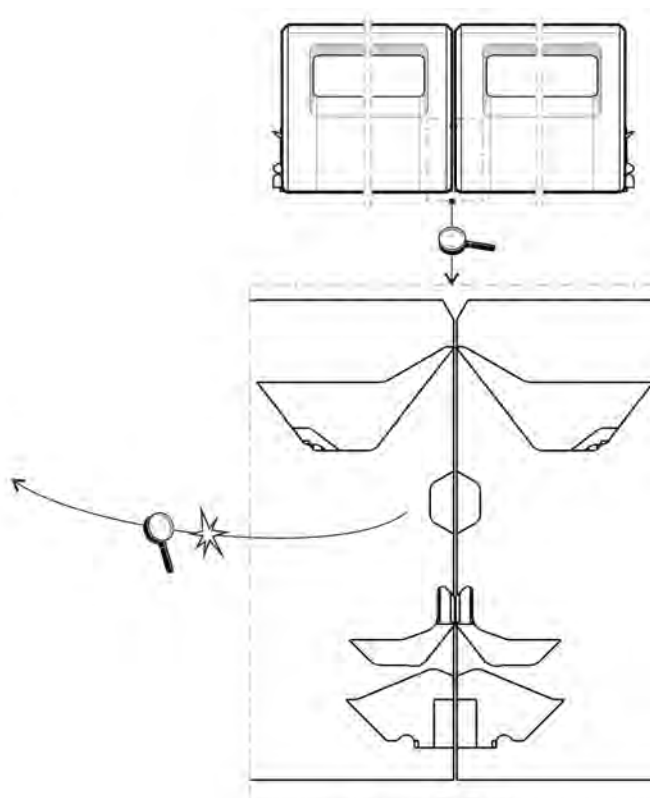
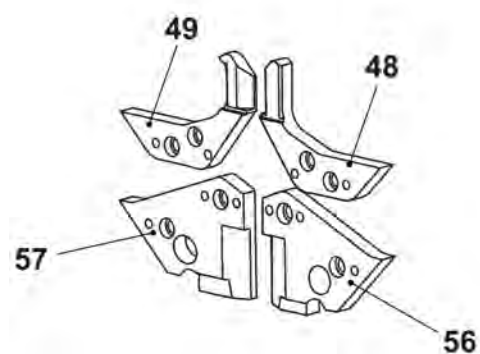
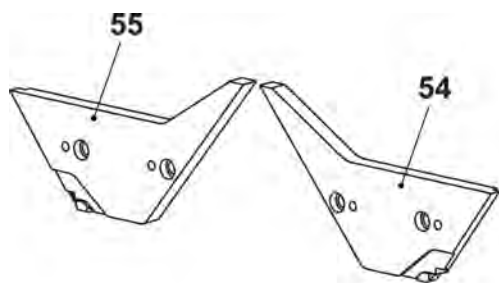
5.14.1 Continuation cam box E7 | E8 | E7m.8 | E8m.7

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left	213 304	23	Selection cam	212 946
3	Entry cam on the right	213 303	24	Pressure part receiving on the left	239 848
4	Entry cam at the top	210 285	25	Pressure part receiving on the right	239 849
5	Entry cam at the bottom E5-8	212 395	26	Tuck pressure part	239 621
6	Plate on the left	260 605	27	Limiting cam on the left E7-8	210 291
7	Plate in the middle	260 604	28	Limiting cam on the right E7-8	210 292
8	Plate on the right	260 606	29	Pointer E5-8	210 336
9	Cam on the left	231 039	30	Screw	210 335
10	Cam part at the right	231 041	31	Stitch cam on the left E7-8	210 324
11	Cam part at the center	231 040	32	Stitch cam on the right E7-8	210 323
12	Cam part	260 592	33	Tuck limiting cam E7-8	255 056
13	Cam part	210 254	34	Raising cam plate E4-12	204 372
14	Cam on the left E5-14	212 265	35	Receiving cam E7-8	210 339
15	Cam at the right E5-14	212 266	36	Raising cam without split-stitch E7-8	255 055
16	Cam on the left	236 192		Raising cam with split-stitch E7-8 Accessories	255 192
17	Cam part at the right	236 193	50	Cam on the left	212 274
19	Cam part	210 252	51	Cam part at the right	212 275
20	Offering cam	210 185	52	Entry cam on the left E5-8	213 161
21	Selection cam on the left	212 944	53	Entry cam on the right E5-8	213 162
22	Selection cam on the right	212 947	500	Cap screw M4x8	020 091

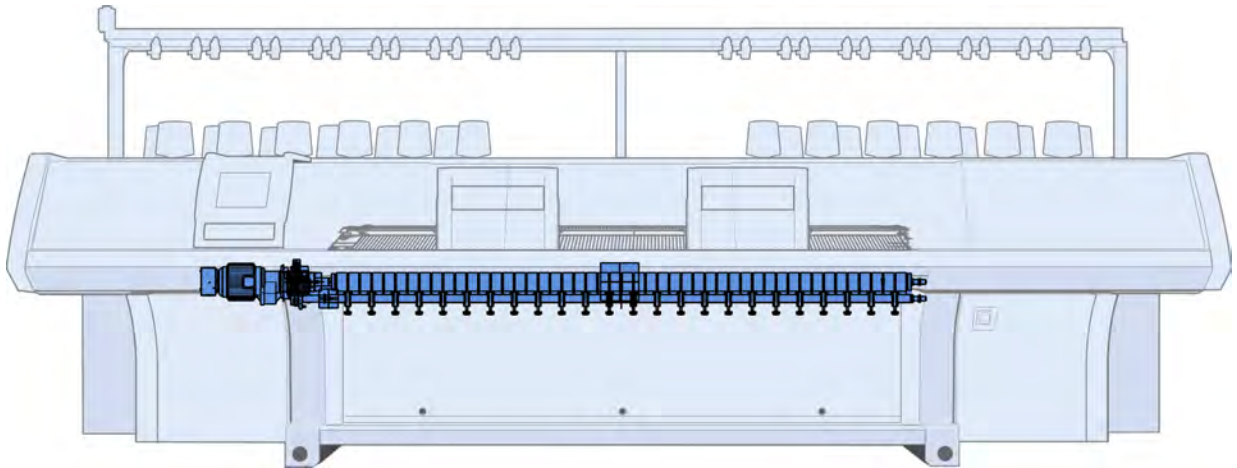


5.15 Cams for narrow coupling

Pos	Designation	ID	Pos	Designation	ID
48	Cam on the left E5-14	216 167	55	Entry cam on the right E5-14	216 220
49	Cam at the right E5-14	216 168	56	Cam on the left	216 165
54	Entry cam on the left E5-14	216 221	57	Cam part at the right	216 166

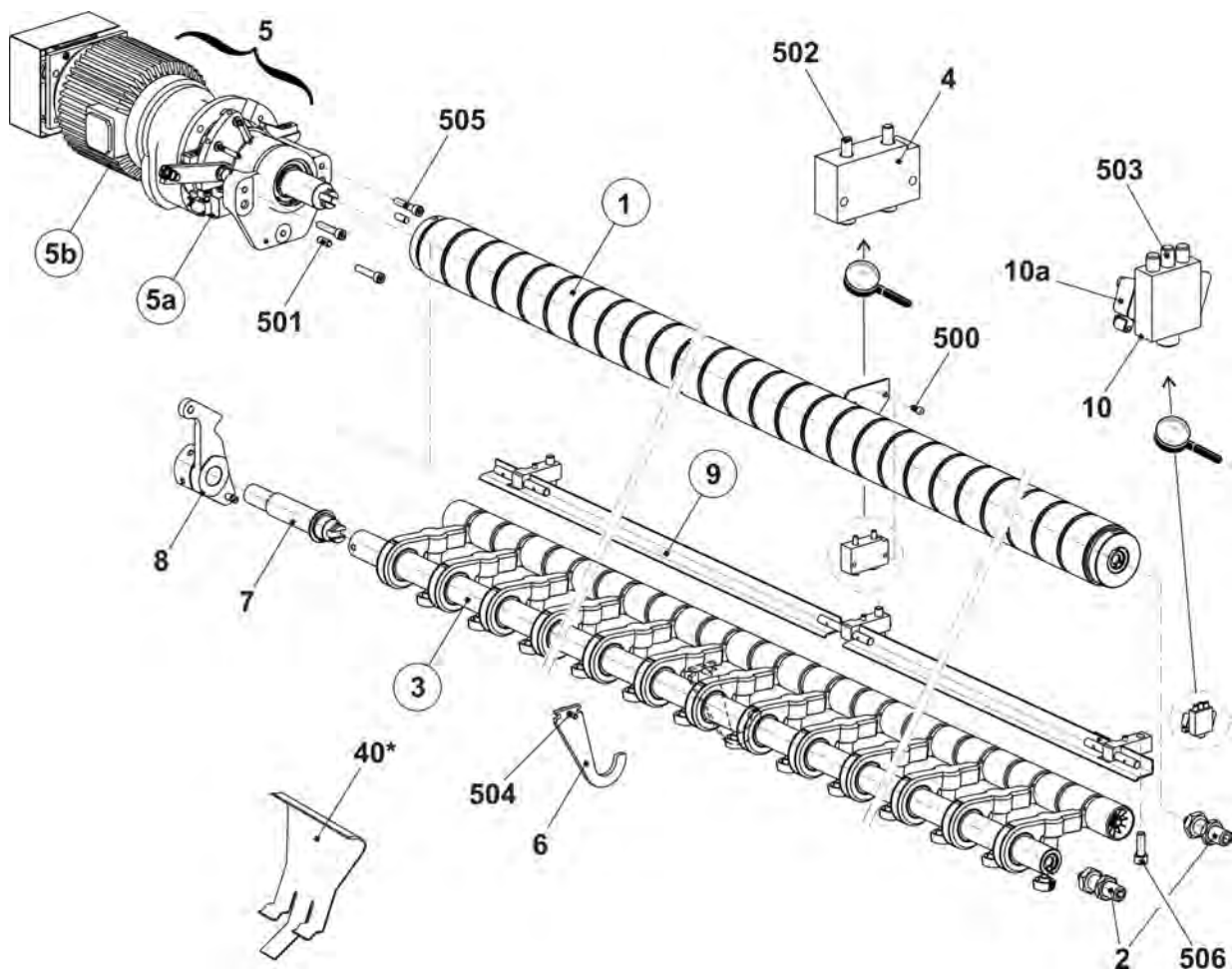


6 Main take-down



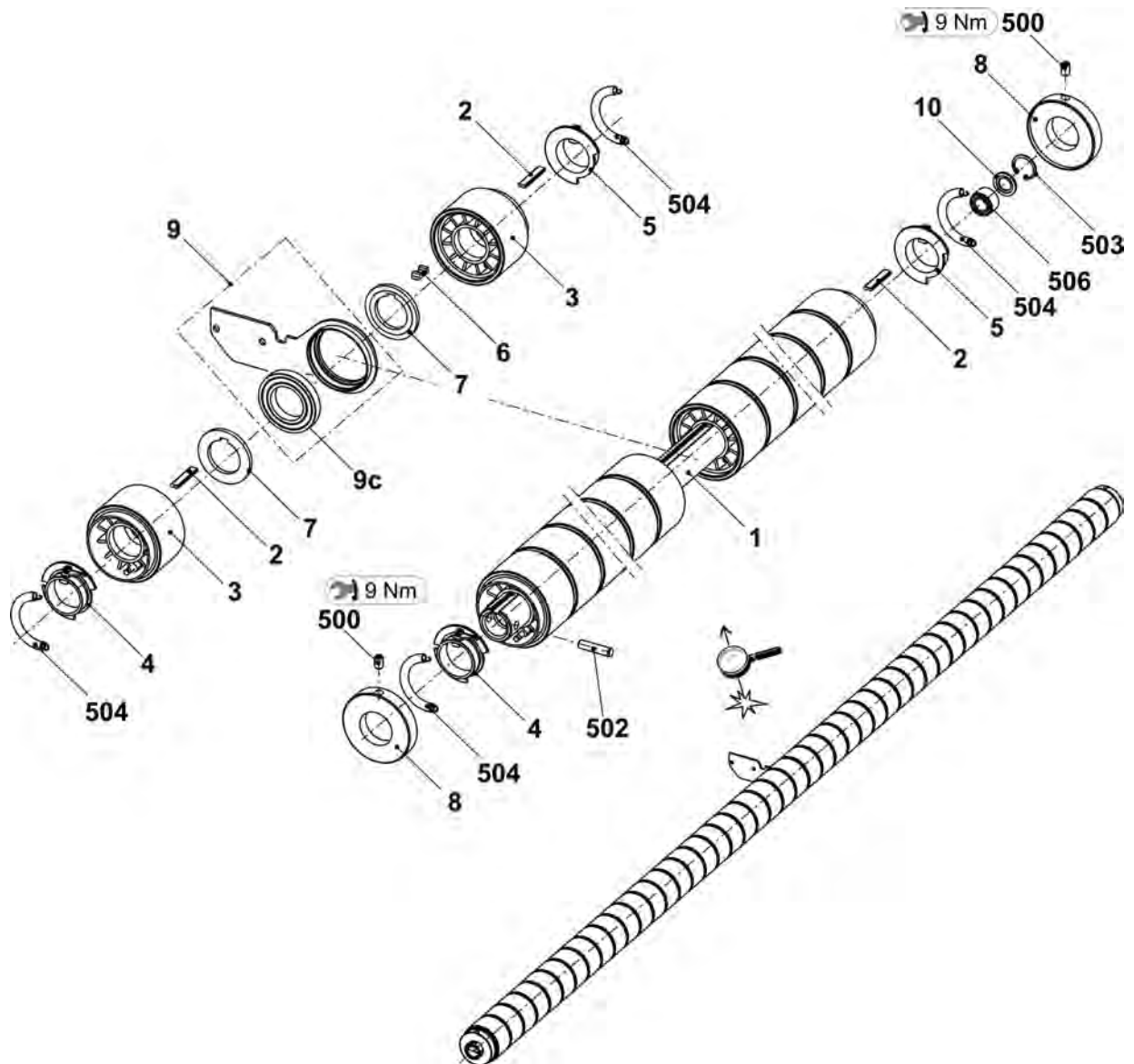
6.1 Main take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down	243 279	9	Fabric stripper	211 207
1	Take-down roller complete	211 170	10	Stop point complete	209 009
2	Journal complete	209 496	10a	Microswitch	026 259
3	Pressure shaft complete	243 265	40*	Fabric sensor	208 200
4	Bearing	207 692	500	Cap screw M6x12	020 134
5	Take-down unit	244 450	501	Dowel pin 8x20	020 693
5a	Take-down gear assembly complete	211 172	502	Cap screw M6x45	022 689
5b	Take-down motor with block	244 449	503	Cap screw M6x40	020 140
6	Support	243 294	504	Cap screw M6x20-12.9	020 136
7	Shaft complete	211 173	505	Cap screw M8x40	020 145
8	Lever complete	211 210	506	Cap screw M10x30	020 158



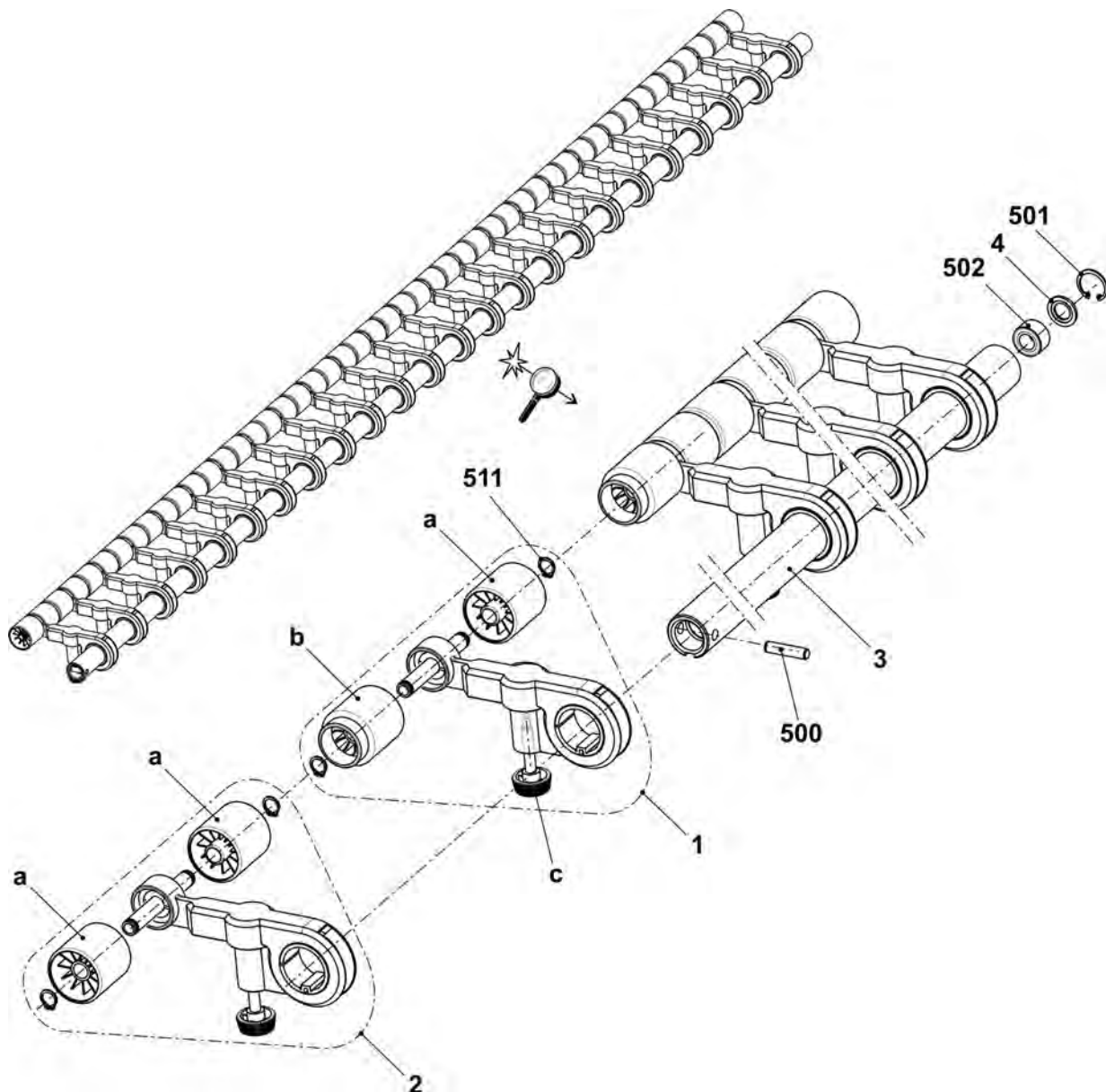
6.1.1 Take-down roller

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller complete	211 170			
1	Shaft	211 111	9	Support	204 462
2	Spacer slide	204 340	9c	Grooved ball bearing 16007	021 697
3	Roller	236 169	10	Spacing ring	030 689
4	Stop ring on the left	204 369	500	Setscrew M8x12-45H	023 393
5	Stop ring on the right	204 376	502	Dowel pin 8x34	020 699
6	Wedge	204 341	503	Retaining ring 24x1,2	020 975
7	Spacer bush	204 343	504	Tension spring 8x0,95x65	023 231
8	End ring	211 110	506	Needle roller bearing NA4901	021 746



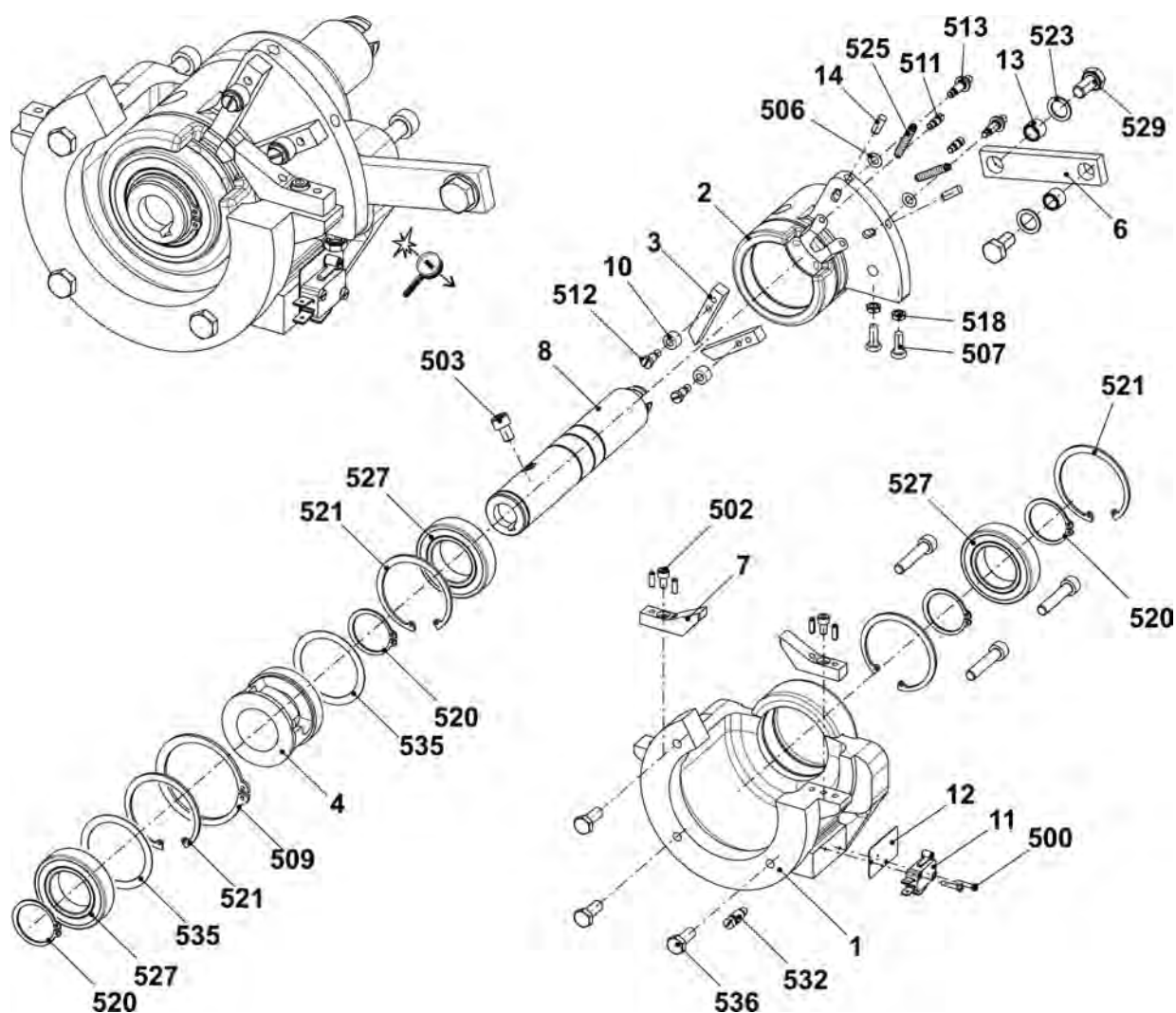
6.1.2 Contact shaft

Pos	Designation	ID	Pos	Designation	ID
Σ	Pressure shaft complete	243 265			
1	Contact lever	243 262	2	a Pressure roller	243 551
	a Pressure roller	243 551	3	Shaft	211 112
	b Pressure roller	243 552	4	Spacing ring	030 689
	c Knurled screw	242 331	500	Dowel pin 8x34	020 699
	511 Retaining ring 12x1	020 951	501	Retaining ring 24x1,2	020 975
2	Contact lever on the left	243 263	502	Needle roller bearing NA4901	021 746



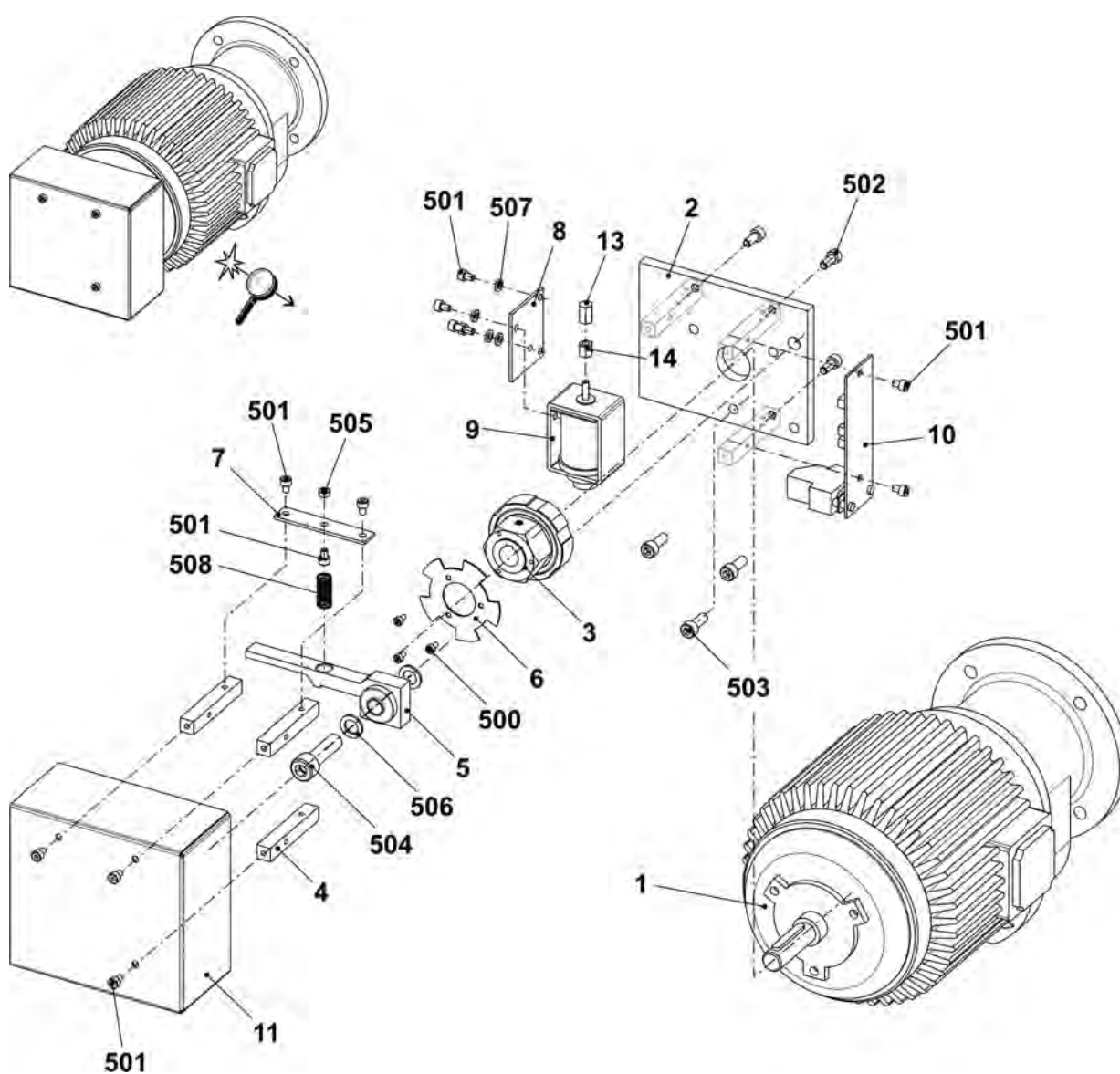
6.1.3 Take-down gear assembly

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down gear assembly complete	211 172	506	Washer 6,4x12x0,3	022 737
1	Main bearing	204 292	507	Hexagon screw M6x16	020 356
2	Bearing housing	204 293	509	Retaining ring 80x2,5	023 225
3	Slider	204 314	511	Shoulder screw M5x11x17	204 318
4	Driver sleeve	204 313	512	Shoulder screw M5x8x8	020 247
6	Bracket	204 323	513	Shoulder screw M5x12,5x29-5.8	204 317
7	Ramp	209 281	518	Hexagon nut M6-04	020 855
8	Drive shaft	211 127	520	Retaining ring 35x1,5	023 139
10	Roll	207 077	521	Retaining ring 62x2	020 986
11	Microswitch	026 259	523	Supporting ring S 14x20x1,5	023 223
12	Insulating disk	048 012	525	Tension spring 6x0,65x20	021 187
13	Sleeve	207 078	527	Grooved ball bearing 6007-2Z	023 140
14	Damping pin	200 919	529	Hexagon screw M10x20	020 366
500	Cap screw M3x15	020 009	532	Shoulder screw M6x17x24-5.8	023 178
502	Cap screw M5x10	022 918	535	Shim ring 50x62x0,5	023 226
503	Cap screw M8x12	023 138	536	Hexagon screw M8x20	020 361



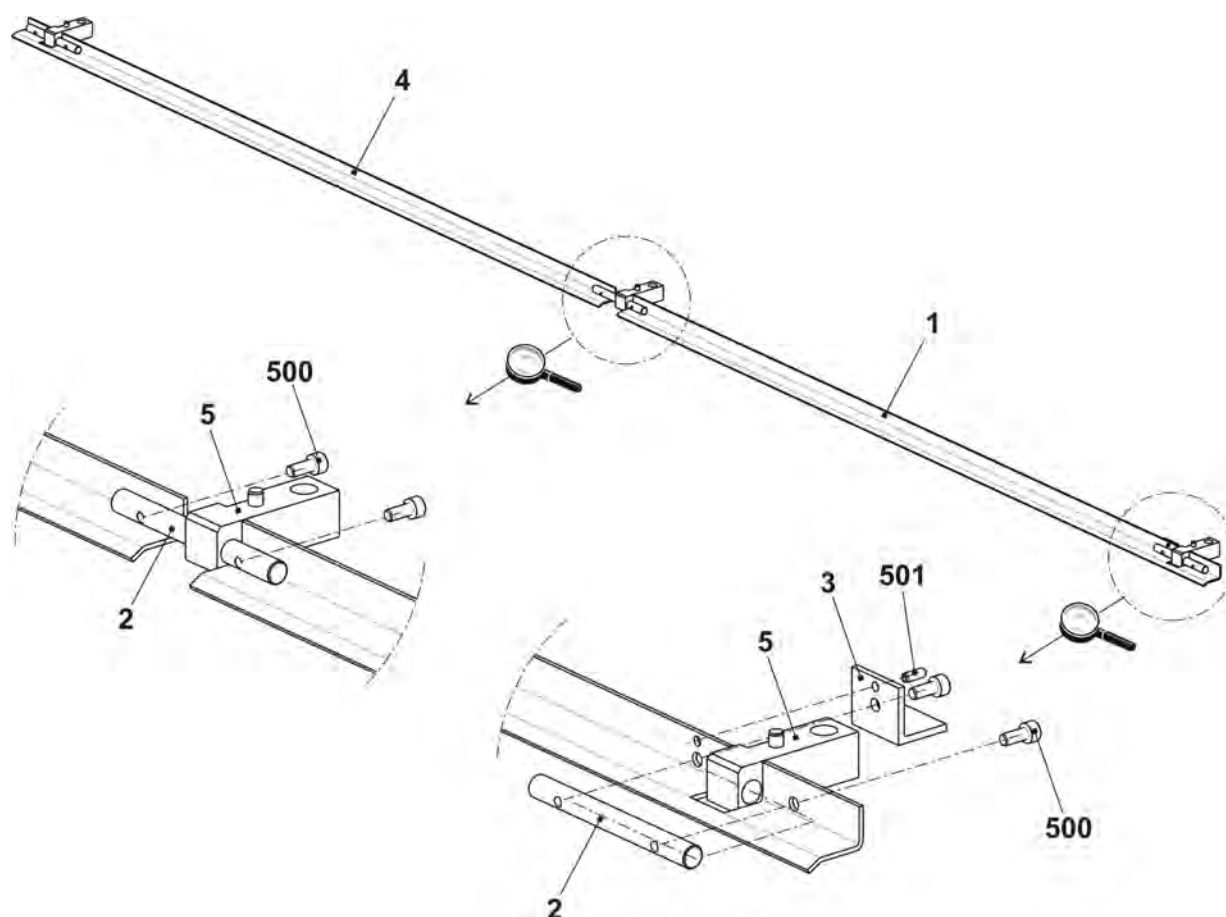
6.1.4 Take-down motor with block

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down motor with block	244 449			
1	Motor of main take-down	217 602	13	Thrust piece	202 940
2	Base plate	204 643	14	Nut	202 941
3	Hub switching ring	208 934	500	Cap screw M3x6-12.9	022 589
4	Bolts	202 933	501	Cap screw M4x6	023 067
5	Catch complete	211 560	502	Cap screw M5x12	020 132
6	Impulse discWA1	202 751	503	Cap screw M6x16	020 135
7	Bridge	202 936	504	Cap screw M10x1x35	023 364
8	Plate	205 139	505	Hexagon nut M4-6	020 834
9	Catch magnet	026 042	506	Shim ring 10x16x1,5	023 261
10	Card for impulse sensor of rotary field motor	300 487	507	Serrated lock washer	022 482
11	Cover	244 448	508	Compression spring 0,7x8,8x35	023 028

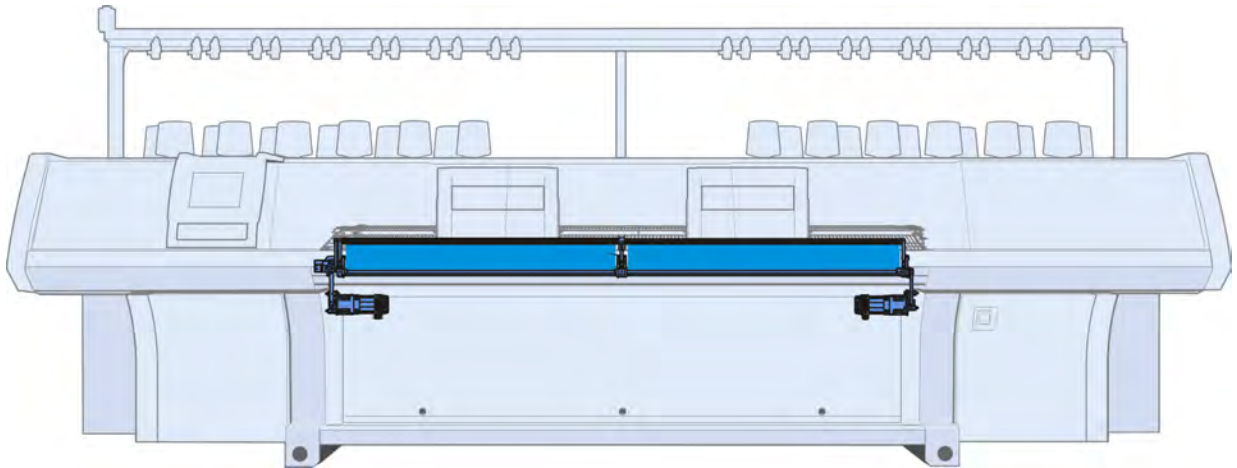


6.1.5 Fabric stripper

Pos	Designation	ID	Pos	Designation	ID
Σ	Fabric stripper	211 207	4	Stripping plate on the left	211 151
1	Stripping plate on the right	211 150	5	Bearing	211 152
2	Axle	211 218	500	Cap screw M5x12	020 132
3	Lever	211 215	501	Spring dowel sleeve 4x10	020 781

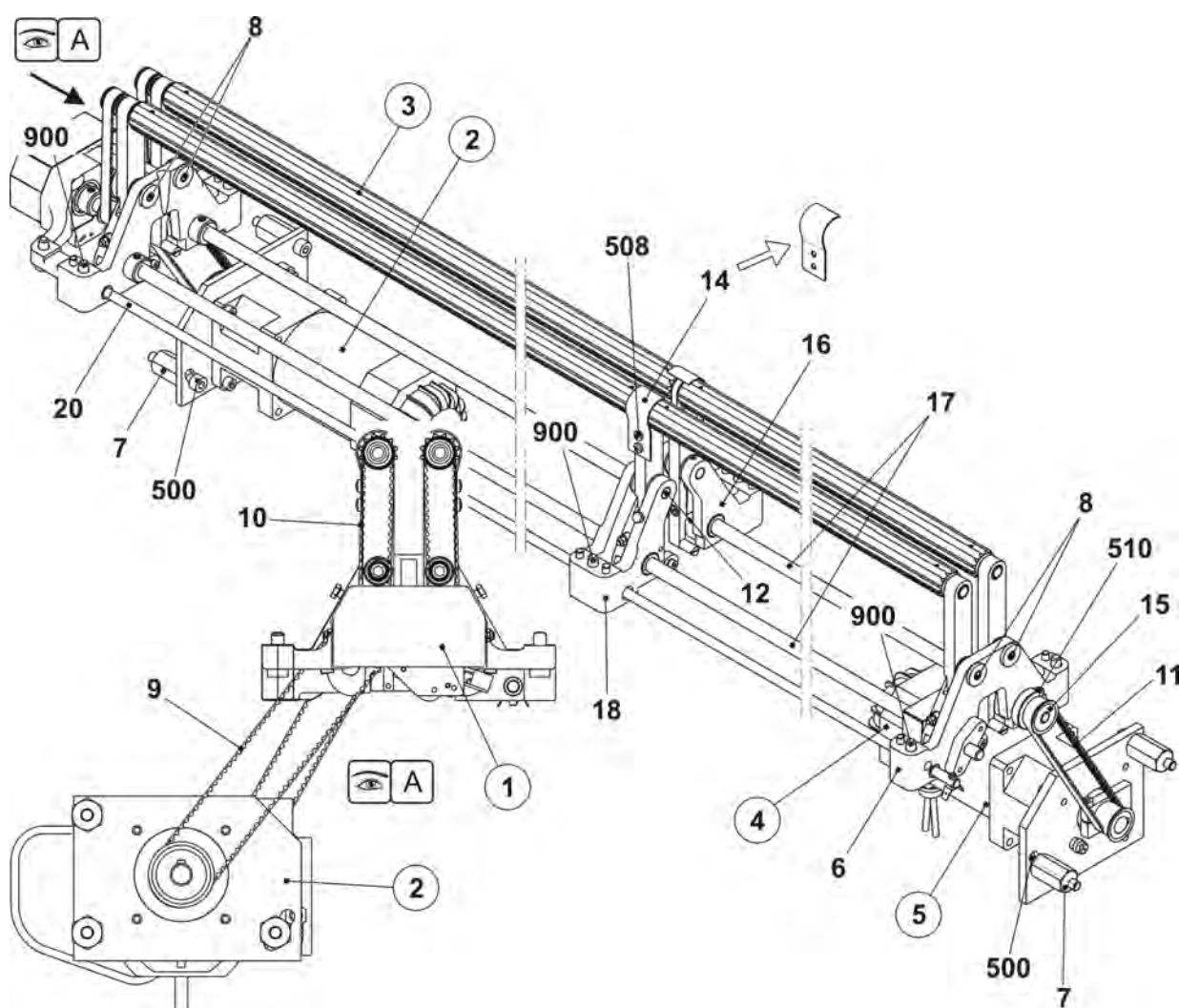


7 Auxiliary Take-down



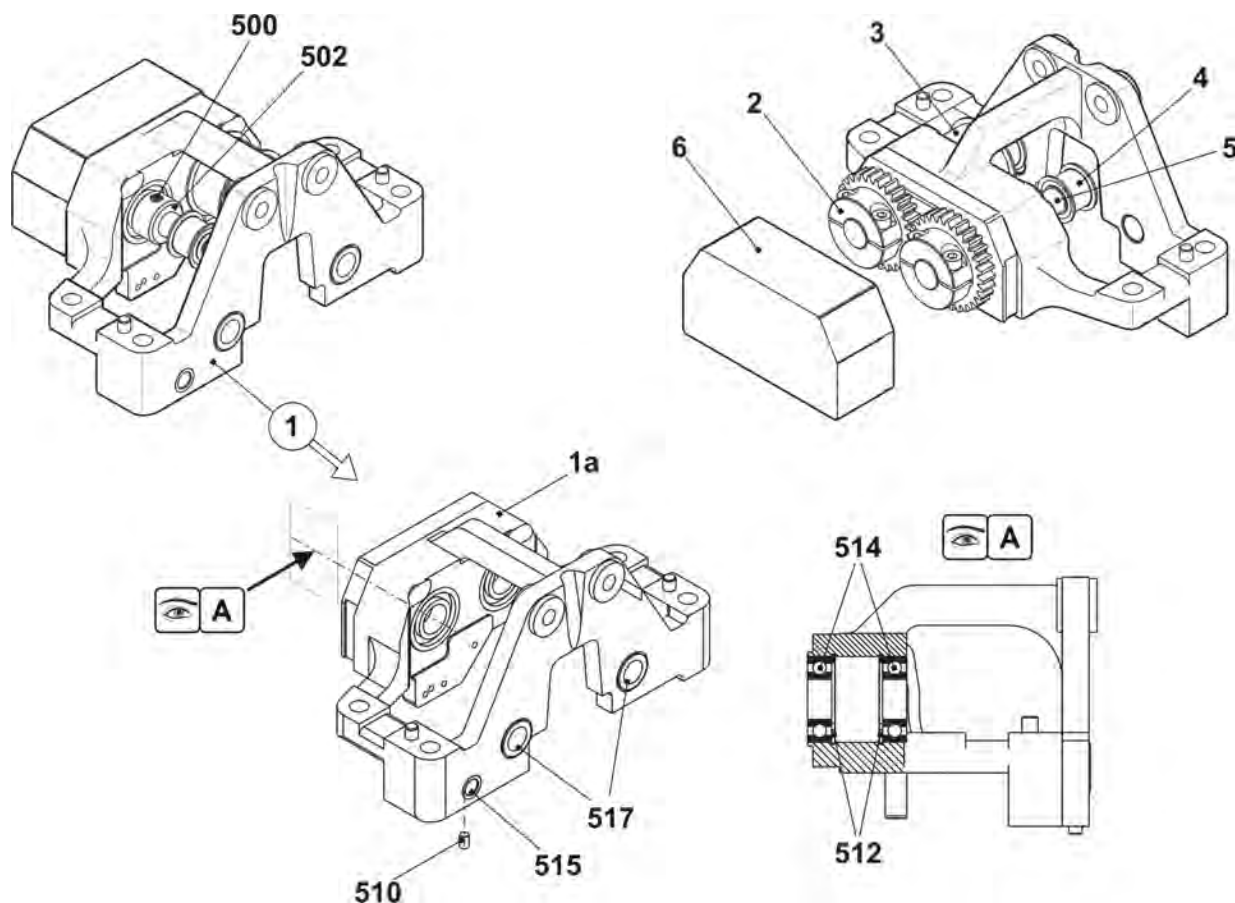
7.1 Auxiliary Take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Auxiliary take-down	239 084			
1	Main bearing complete	239 081	12	Bolts	225 782
2	Motor biphase complete	239 056	14	Cover	211 093
3	Take-down roller complete	227 517	15	Timing belt pulleyZ16 T5	207 575
4	Gear unit	211 204	16	Bearing at the rear in the middle	227 520
5	Motor biphase complete	239 073	17	Shaft	210 869
6	Bearing on the right	227 522	18	Bearing at the front and in the middle	227 524
7	Stay bolt	238 991	20	Contact bar	211 195
8	Bolts	227 363	500	Cap screw M8x20	020 141
9	Toothed belt16t5/525	207 635	508	Pan-head screw M4x8	023 036
10	Toothed belt10t5/280	207 633	510	Cap screw M5x16-8.8	023 141
11	Toothed belt10t5/420	239 036	900	Cap screw M8x35	020 144



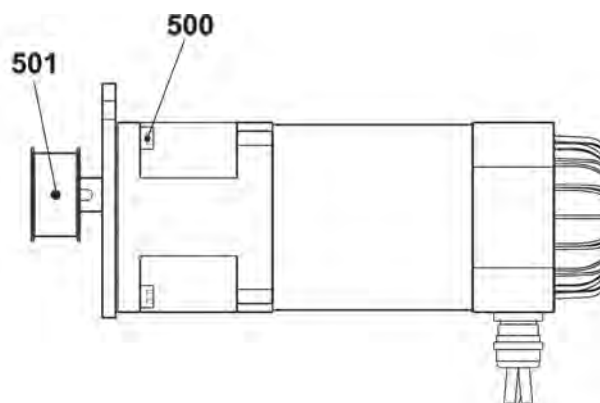
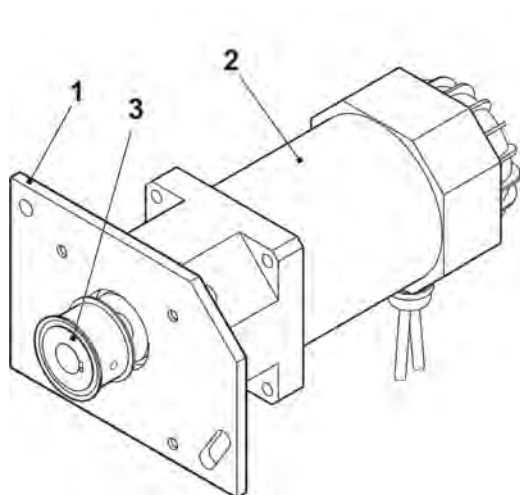
7.1.1 Main bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Main bearing complete	239 081			
1	Main bearing pre-assembled	227 529	2	Gear wheel	209 428
1a	Main bearing	210 610	3	Timing belt pulley	209 436
510	Setscrew M5x6	022 580	4	Timing belt pulley	210 555
512	Retaining ring 32x1,2	023 355	5	Shaft	211 141
514	Grooved ball bearing 6002-2ZY	023 217	6	Cover	211 357
515	Slide bearing MSM-0812-08	023 353	500	Setscrew M6x5	023 192
517	Slide bearing GFM-121418-10	023 352	502	Set collar A12	020 935



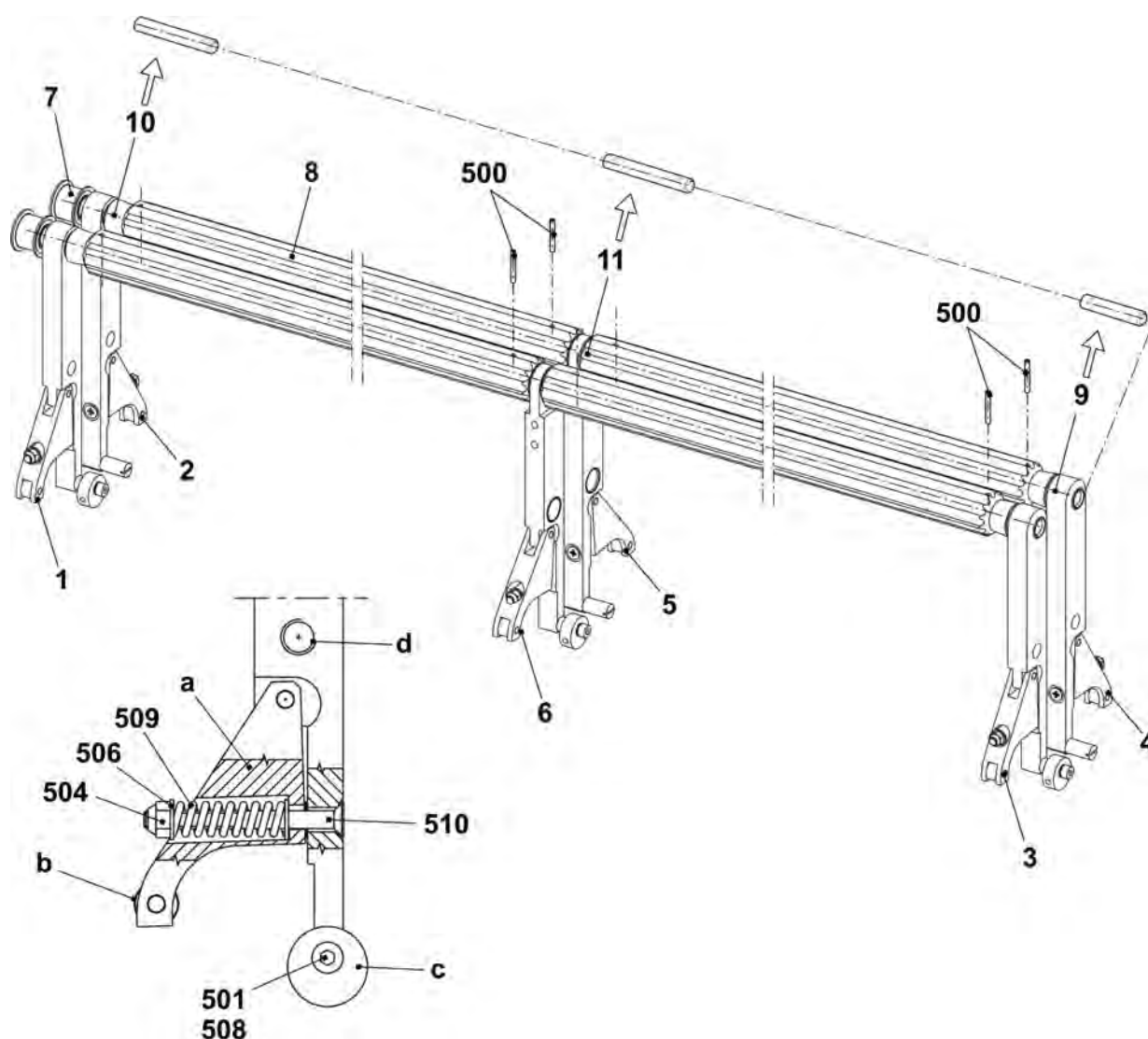
7.1.2 Motor on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor biphas complete	239 056	3	Timing belt pulley	238 060
1	Motor plate	238 061	500	Cap screw M6x16	020 135
2	Motor	234 805	501	Setscrew M4x6	023 088



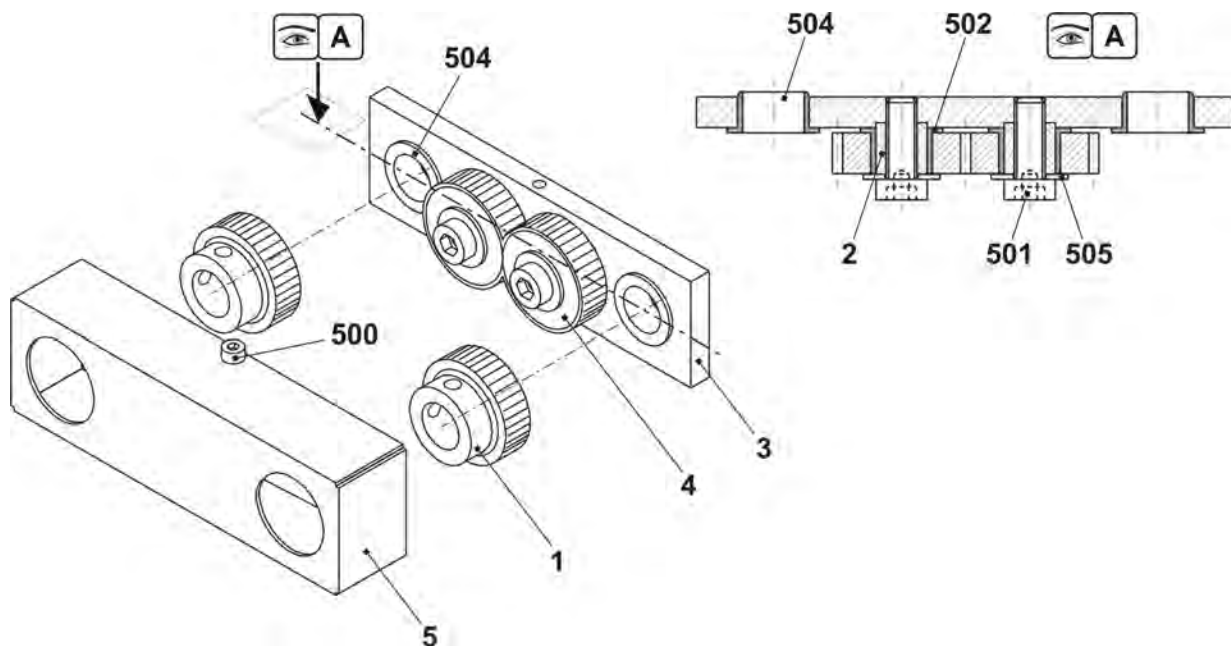
7.1.3 Take-down roller

Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller complete	227 517			
1	Lever at the front on the left complete	227 511	500	Spring dowel sleeve 3x20	020 776
2	Lever at the rear on the left complete	227 512	1-6	a Tilting lever	208 434
3	Lever at the front on the right complete	227 515		b Roll	200 577
4	Lever at the rear on the right complete	227 516		c Eccentric	208 486
5	Lever at the rear on the left complete	227 513		d Slide bearing	023 655
6	Lever at the front in the middle complete	227 514	501	Cap screw M4x20	023 171
7	Timing belt pulley	225 910	504	Hexagon nut M4-6	023 046
8	Take-down roller	225 783	506	Washer 4-200HV	020 870
9	Bolts	225 782	508	CirclipS4	022 774
10	Bolts	225 781	509	Compression spring 1,6x6,4x27,1	023 288
11	Bolts	225 536	510	Pan-head screw M4x45	023 291



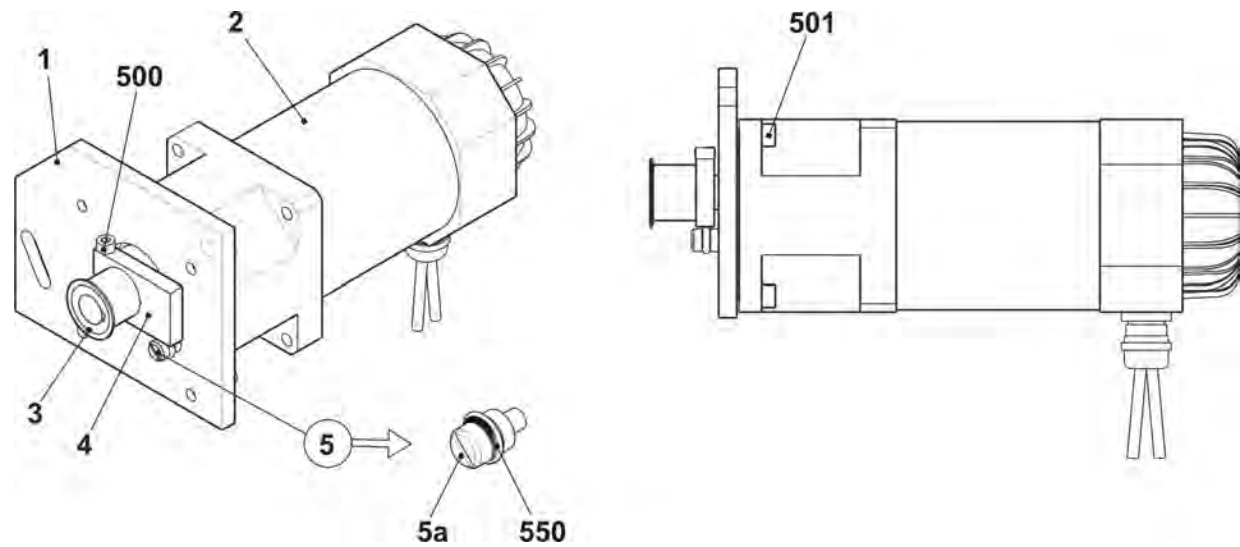
7.1.4 Gear unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Gear unit	211 204			
1	Gear wheel	208 101	500	Cap screw M3x6	022 589
2	Sleeve	211 136	501	Cap screw M6x16	023 116
3	Bracket	211 134	502	Slide bearing GFM-101216-09	023 356
4	Gear wheel	211 138	504	Slide bearing GFM-121418-08	023 281
5	Cover	211 139	505	Washer 6,4x15x1	020 902

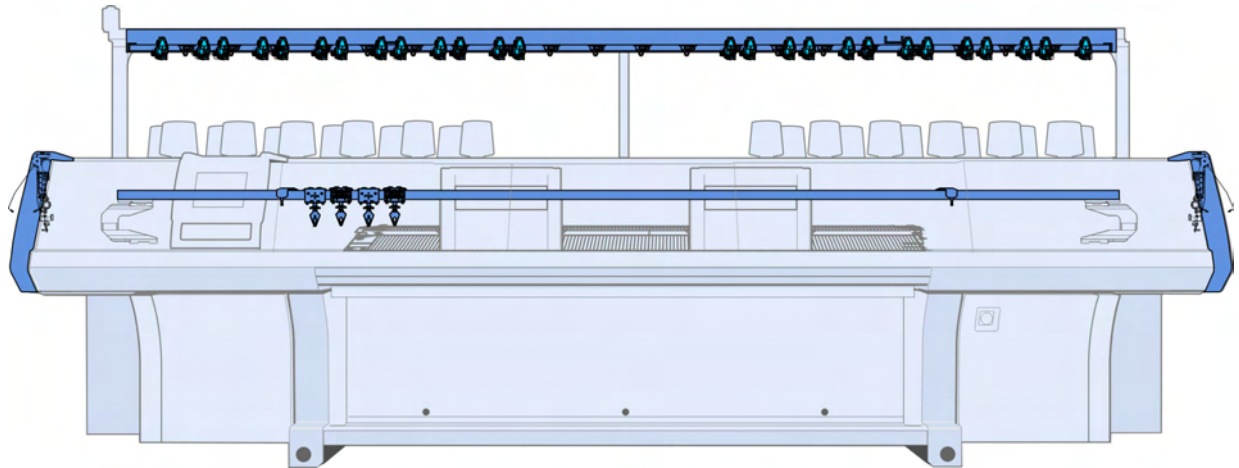


7.1.5 Motor on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor biphase complete	239 073	5	Stop point complete	208 921
1	Plate for motor	238 069	5a	Stop point	207 617
2	Motor	234 805	550	O-ring 6x3	022 856
3	Timing belt pulleyZ 16 T 5	238 086	500	Cap screw M5x25	023 523
4	Clamping lever	238 084	501	Cap screw M6x16	020 135

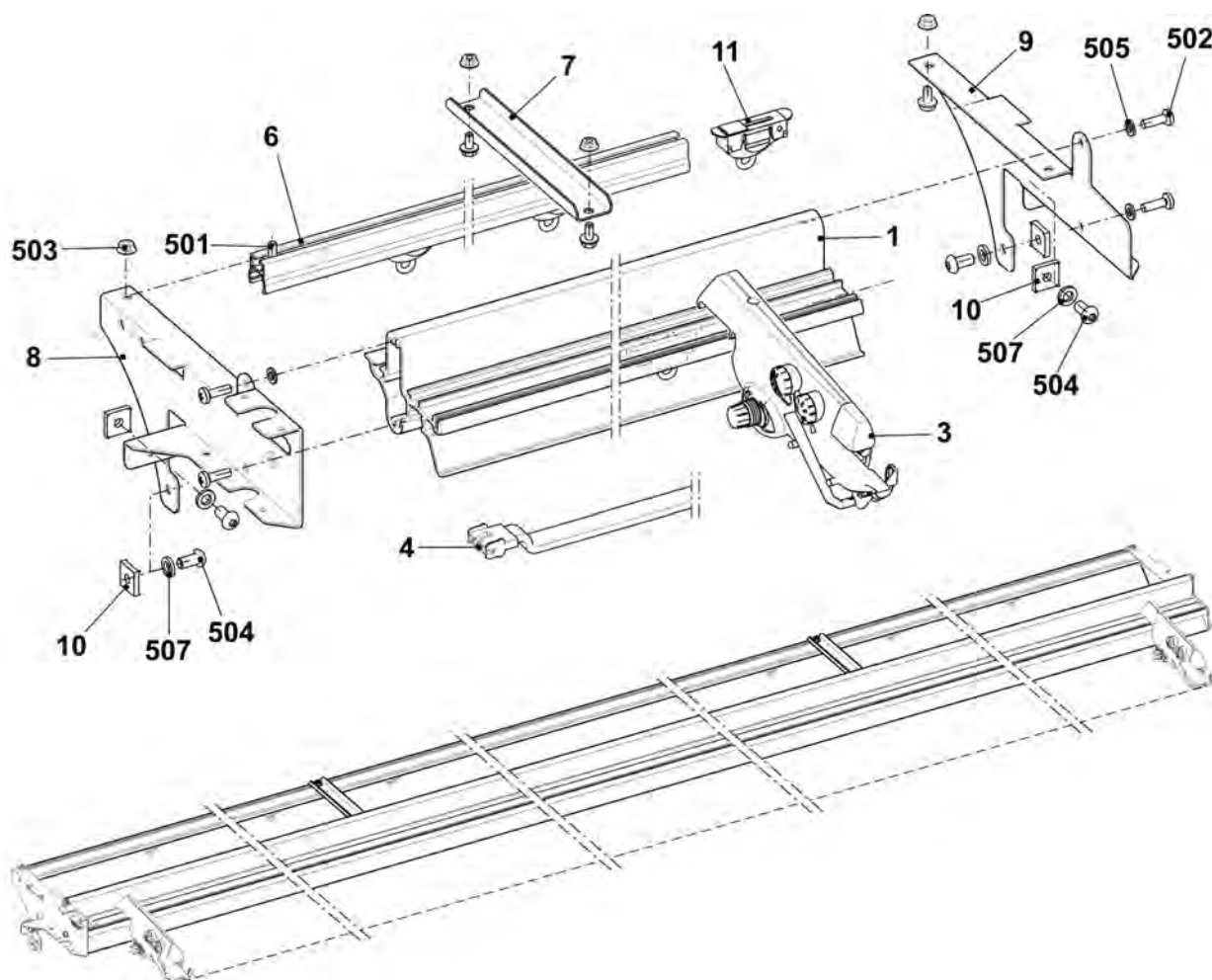


8 Yarn delivery device



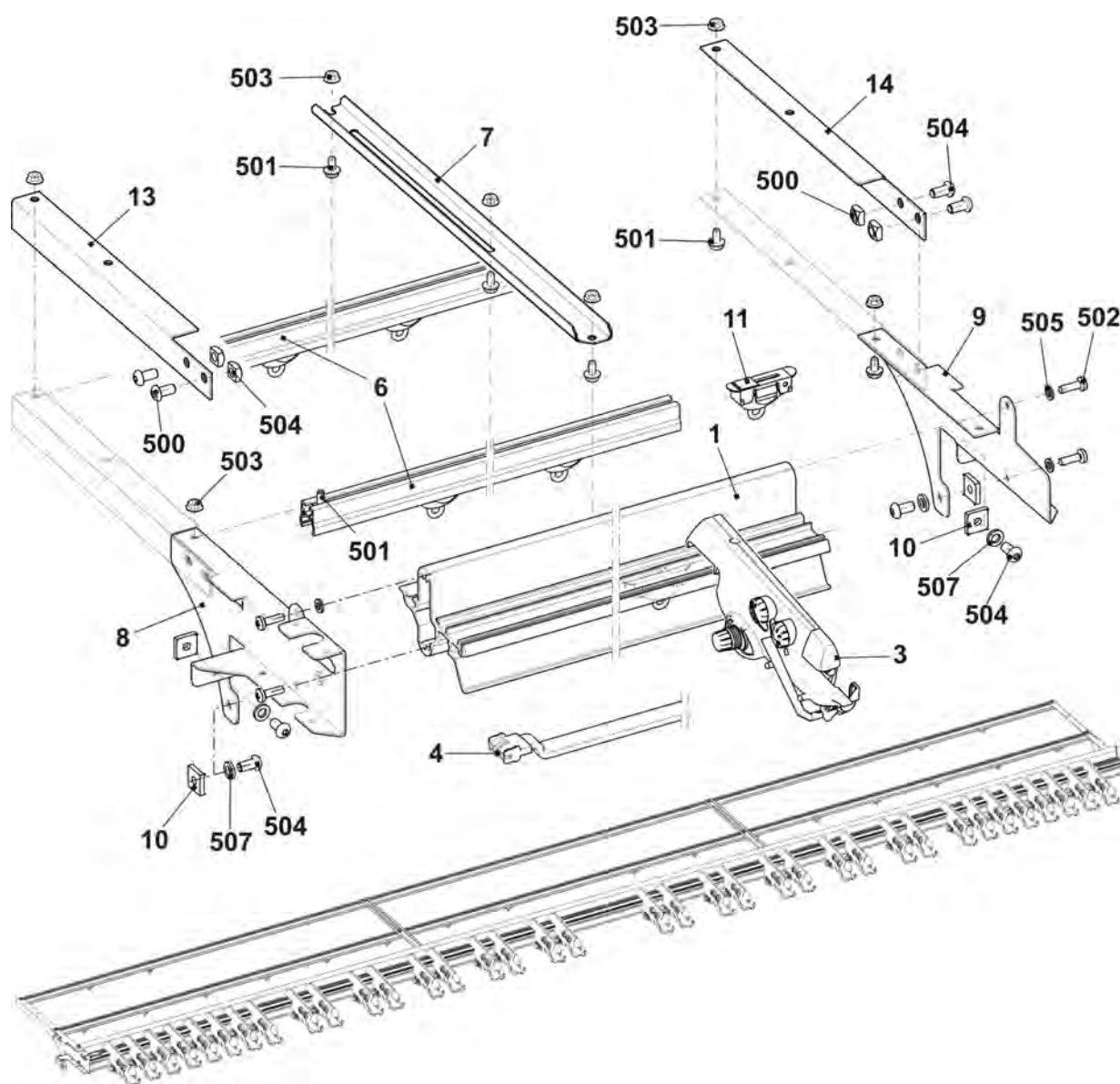
8.1 Yarn guide system with 30 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device 30 FKE 933	242 723	10	Slot nut	228 851
1	Straps	243 114	11	Yarn guide bracket complete	241 581
3	Yarn control unit	237 124	501	Self-locking screw M6x12	023 415
4	Connection cable FKE 3 96"	240 350	502	Screw CE M6x16	023 678
6	Yarn guide bar	242 431	503	Serrated nut M6-10	023 414
7	Straps	243 792	504	Pan-head screw M8x16	023 113
8	Support on the left	243 600	505	Washer 6-200HV	022 431
9	Support on the right	243 601	507	Serrated lock washer J8,4	023 388



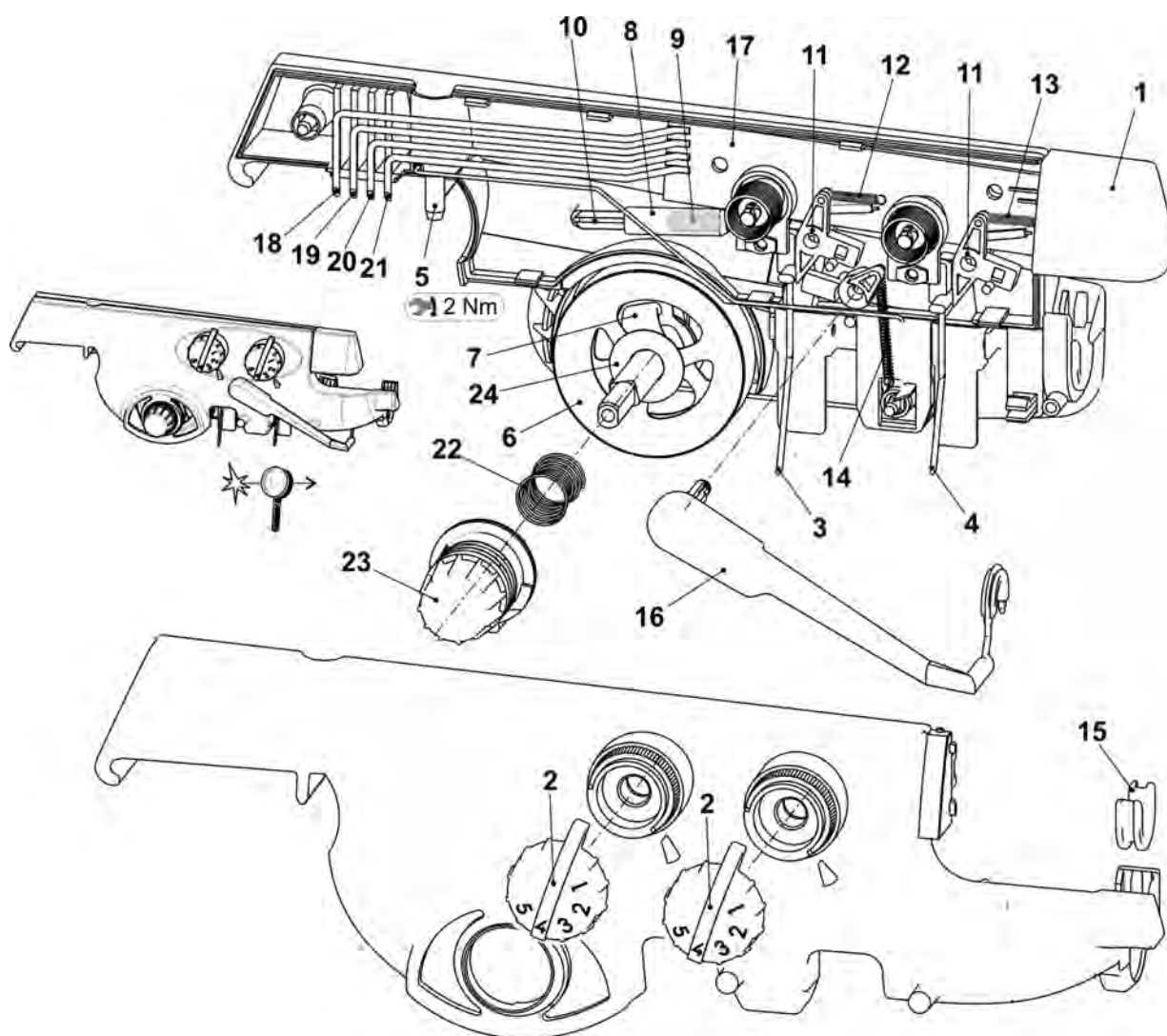
8.2 Yarn guide system with 36 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device 36 FKE 933	242 447			
1	Straps	243 114	13	Support on the left	243 609
3	Yarn control unit	237 124	14	Support on the right	243 610
4	Connection cable FKE3 96"	240 350	500	Square nut M8	023 269
6	Yarn guide bar	242 431	501	Self-locking screw M6x12	023 415
7	Straps	243 766	502	Screw CE M6x16	023 678
8	Support on the left	243 600	503	Serrated nut M6-10	023 414
9	Support on the right	243 601	504	Pan-head screw M8x16	023 113
10	Slot nut	228 851	505	Washer 6-200HV	022 431
11	Yarn guide bracket complete	241 581	507	Serrated lock washer J8,4	023 388



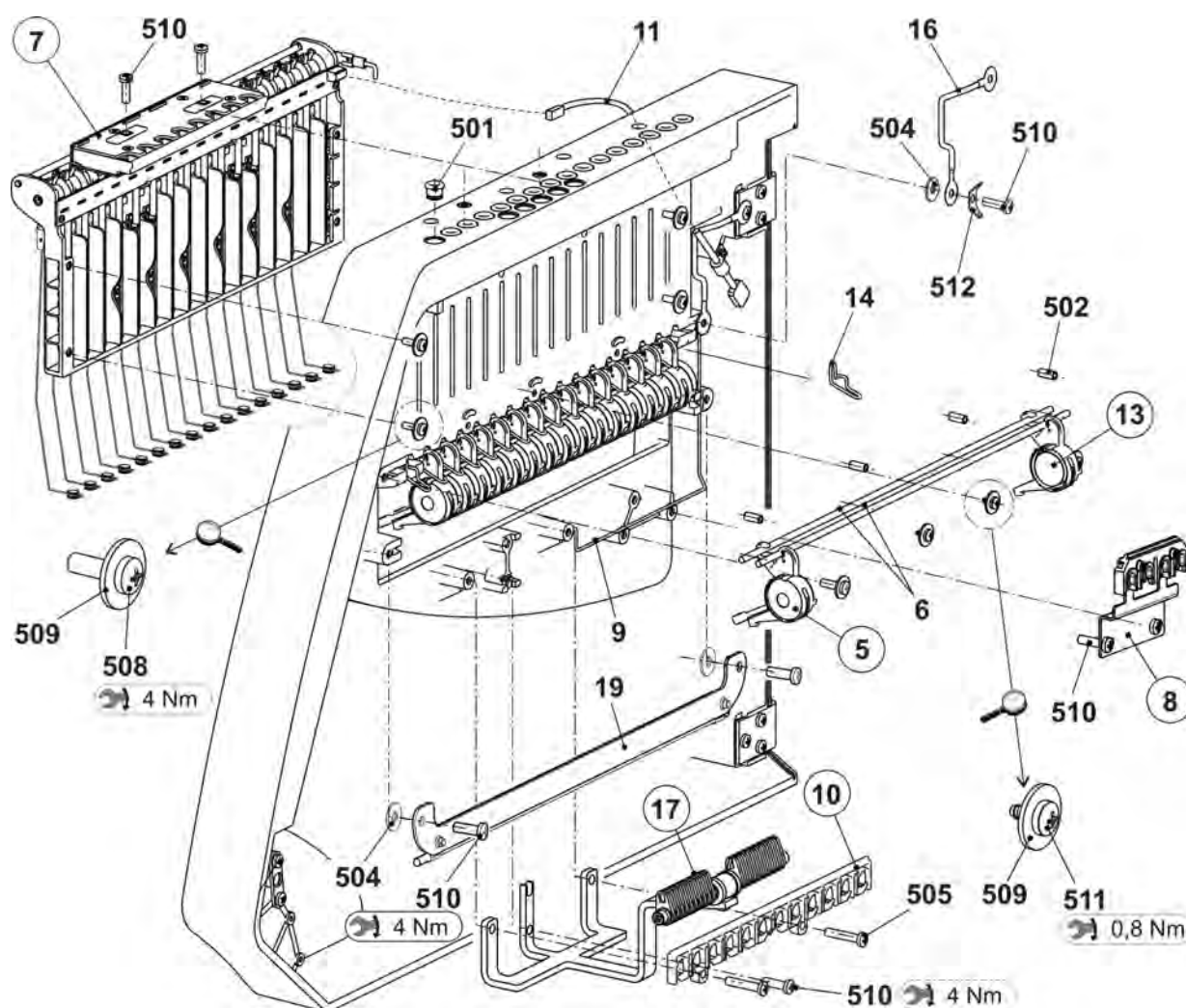
8.3 Yarn control device

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



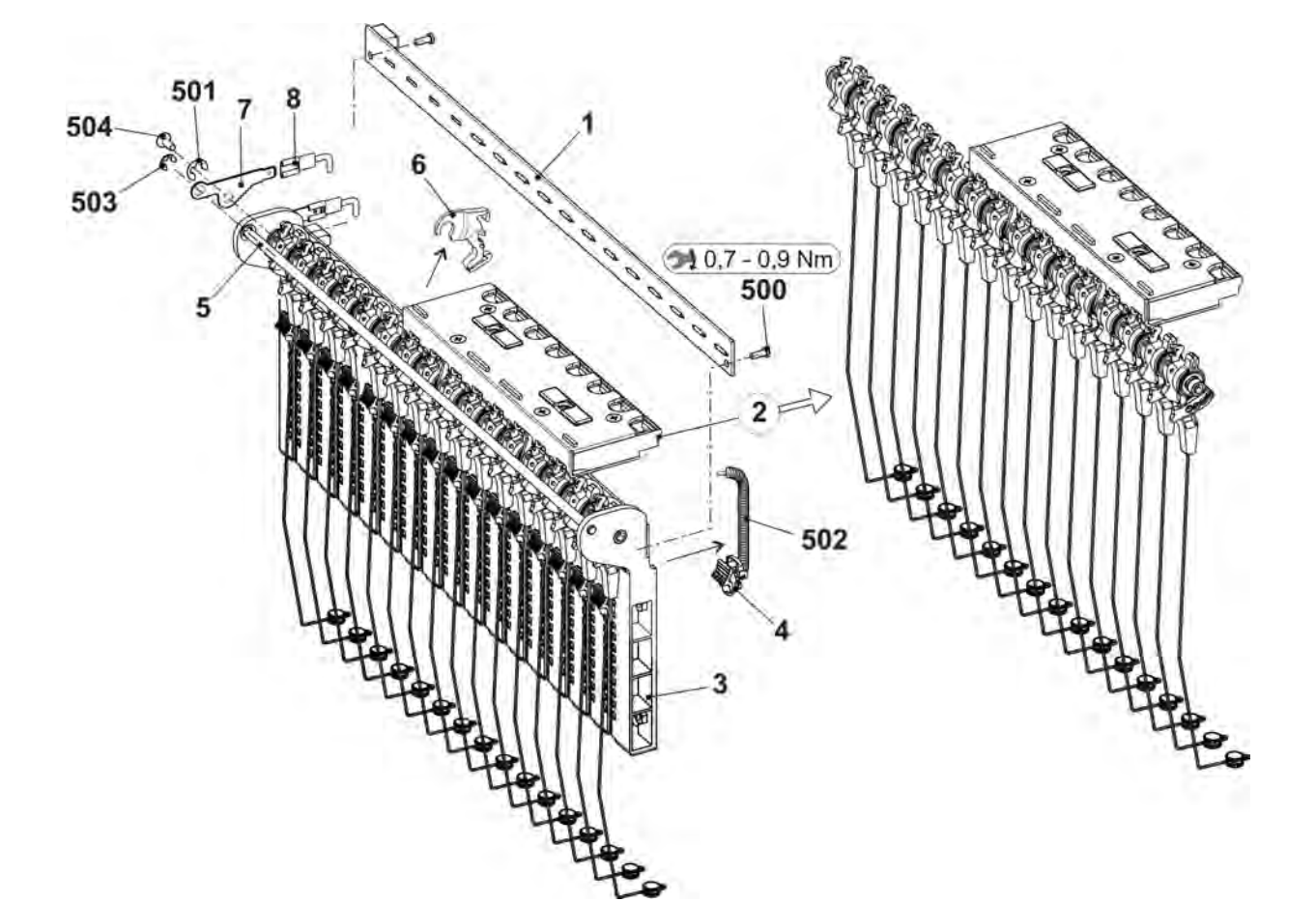
8.4 Left yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete				
	E5 E3,5.2 E5.2 E5m.4 E7m.5	242 387	16	Ground cable	244 404
	E7 E8 E7m.8 E8m.7	242 388	17	Yarn guide inside	250 412
5	Yarn brake complete	244 347	19	Stop bar on the left complete	258 454
6	Shaft	241 318	501	Ceramic eyelet	240 640
7	Yarn tensioner on the left complete E5	242 994	502	Compression spring 0,90x5,40x13,60	241 360
	Yarn tensioner on the left complete E7-8	242 996	504	Washer	022 537
8	Deflector on the left complete	259 573	505	Screw KB 60x30	237 683
9	Wire bow on the left	241 370	508	Pan-head screw M5x16	023 187
10	Yarn deflector	242 011	509	Disk503x18x1,5	020 909
11	Connection cable yarn tensioner	240 808	510	Screw KB 60x20	237 682
13	Yarn brake not adjustable	244 356	511	Sheet metal screw ST4,8x9,5-F	242 374
14	Clamping bow	244 409	512	Flat connector 2x45° M6	243 117



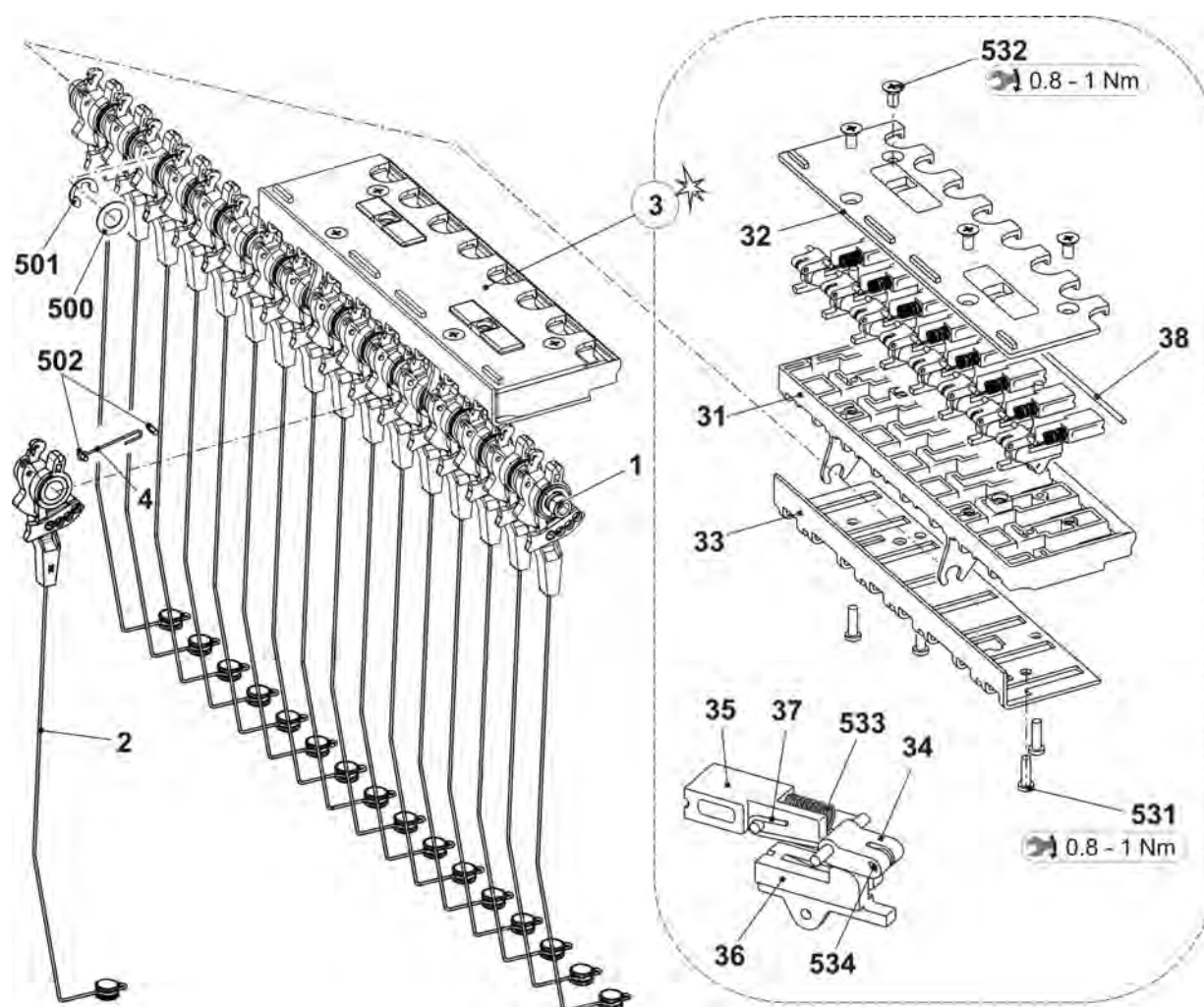
8.4.1
Left yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the left complete				
	E5 E5m.4 E7m.5 E3,5.2 E 5.2	242 994	7	Grounding plate of tension axle	243 121
	E7 E8 E7m.8 E8m.7	242 996	8	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 E5 – 8	242 995	501	Circlip6	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E5)	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



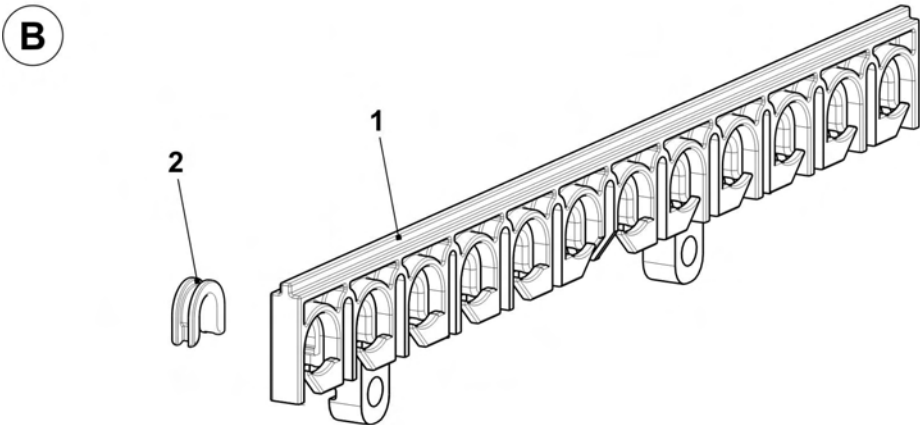
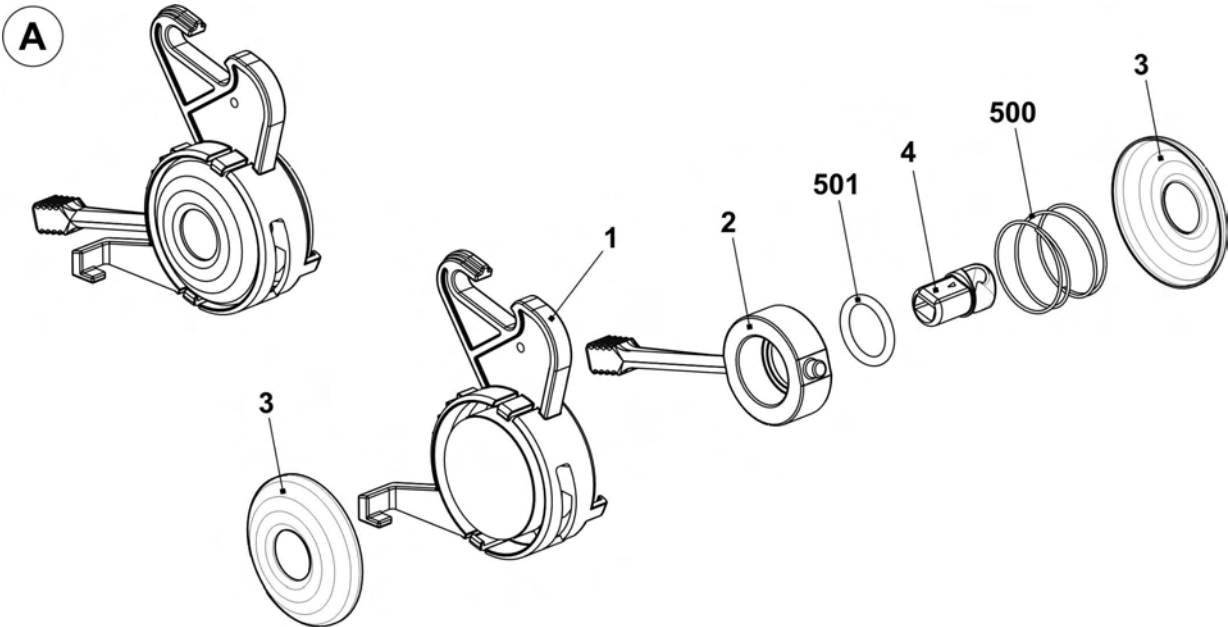
8.4.2 Left tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left complete E5-8	242 995	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	34	Lever AKF	238 692
2	Tension arm pre-assembled E3-8	259 448	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	Slider AKF	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	Housing AKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



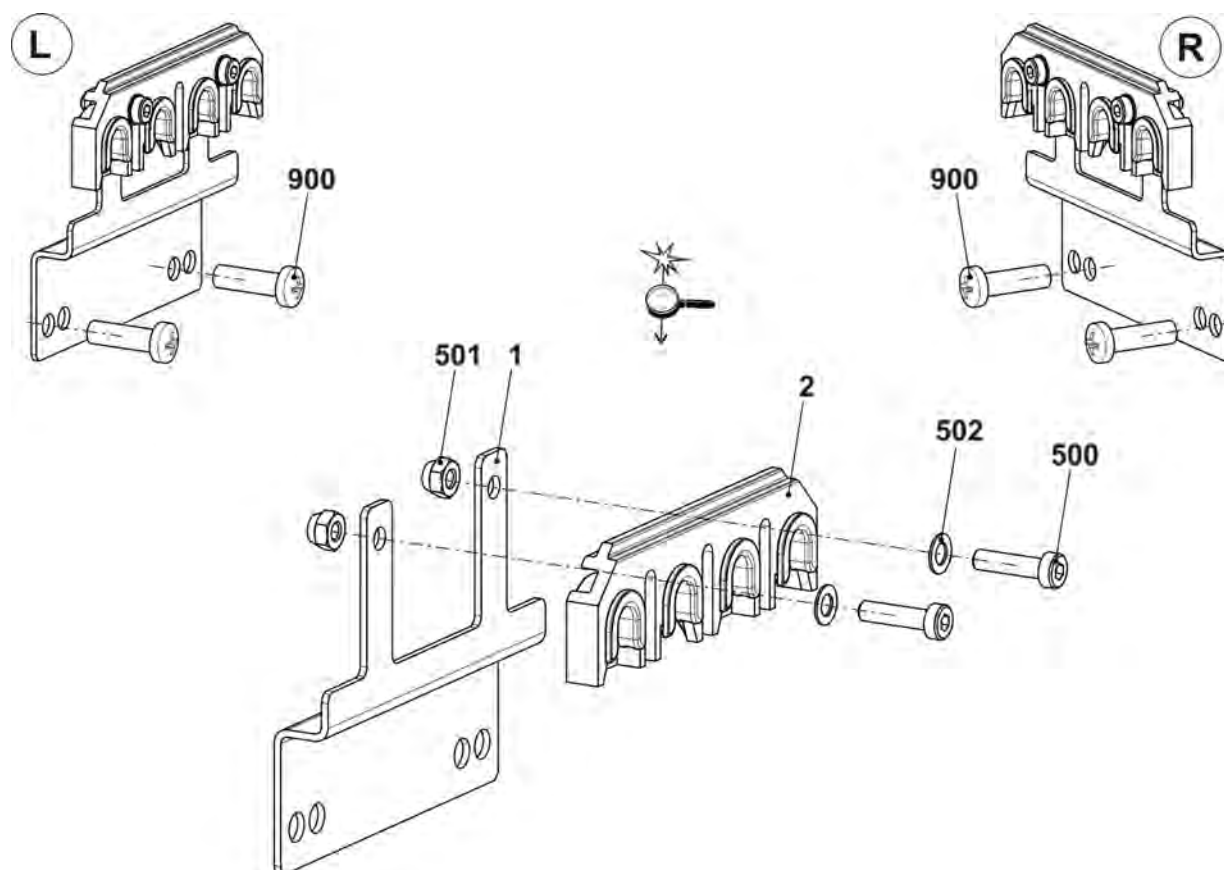
8.4.3 Yarn brake and yarn deflector

Pos	Designation	ID	Pos	Designation	ID
A	Yarn brake complete	244 347	500	Compression spring 0,65x20,15x14,80	241 361
1	Support	240 607	501	O-ring 11x2	241 434
2	Slider	240 606	B	Yarn deflector	242 011
3	Brake disk	244 355	1	Support of yarn deflector	242 009
4	Ceramic eyelet open	243 778	2	Ceramic eyelet open	240 733



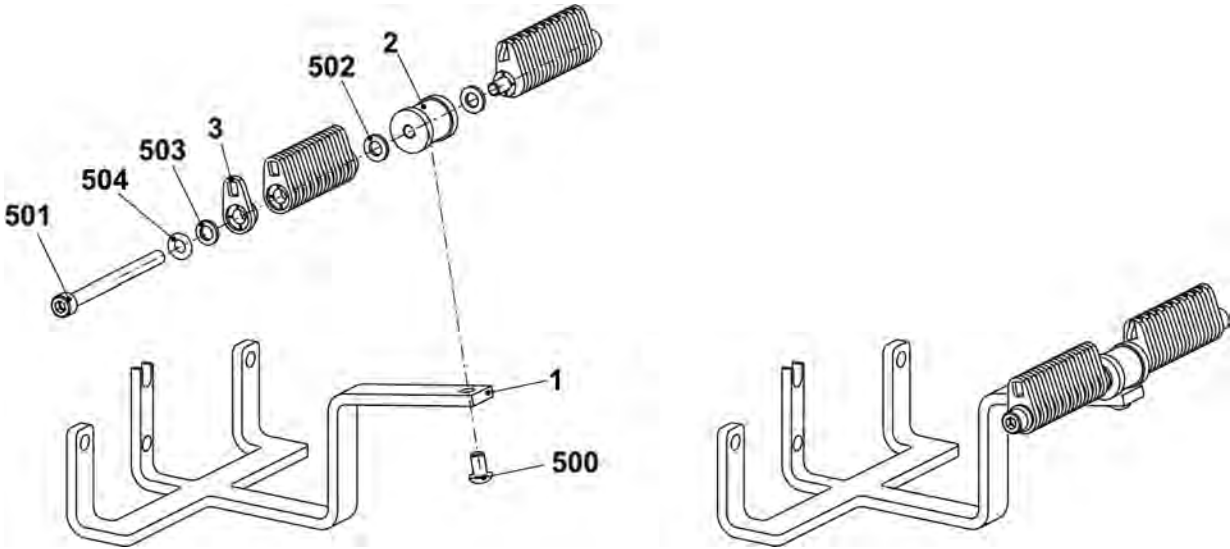
8.4.4 Deflector on the left and on the right

Pos	Designation	ID	Pos	Designation	ID
ΣL	Deflector on the left complete	259 573	ΣR	Deflector on the right complete	259 570
1	Support of yarn deflector	257 286	1	Support of yarn deflector	257 286
2	Yarn deflector on the left	259 572	2	Yarn deflector on the right complete	259 569
500	Cap screw M4x16	023 123	500	Cap screw M4x16	023 123
501	Hexagon nut M4-8	023 046	501	Hexagon nut M4-8	023 046
502	Washer 4	020 879	502	Washer 4	020 879
900	Screw KB60x20	237 682	900	Screw KB60x20	237 682



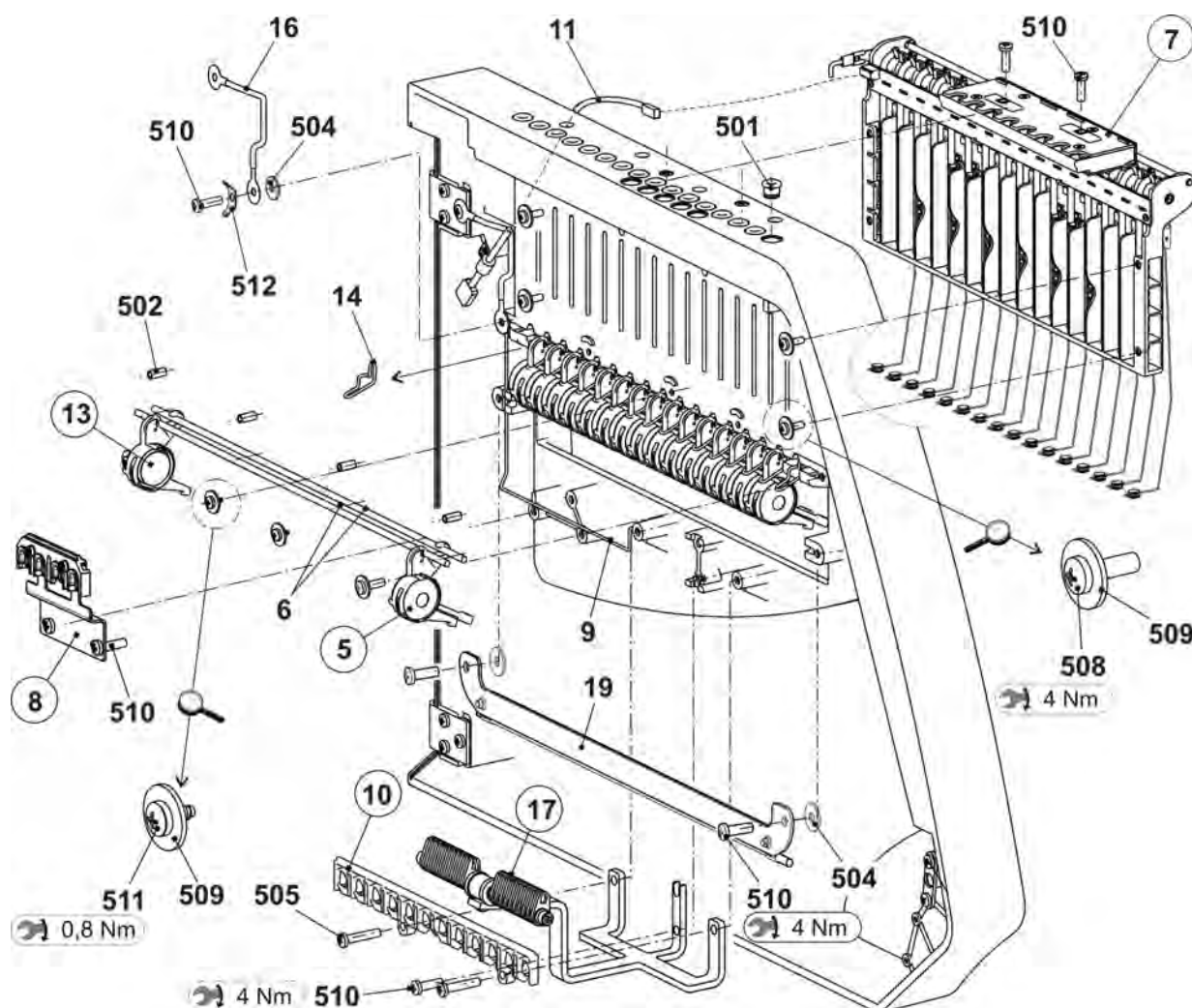
8.4.5 Yarn guide inside

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide inside	250 412			
1	Holding bow	250 413	501	Cap screw M6x75	022 956
2	Bolts	214 894	502	Washer 6	022 853
3	Yarn Carriers MH 6	200 127	503	Washer 6	020 881
500	Pan-head screw M6x10	023 183	504	O-ring 6x3	022 856



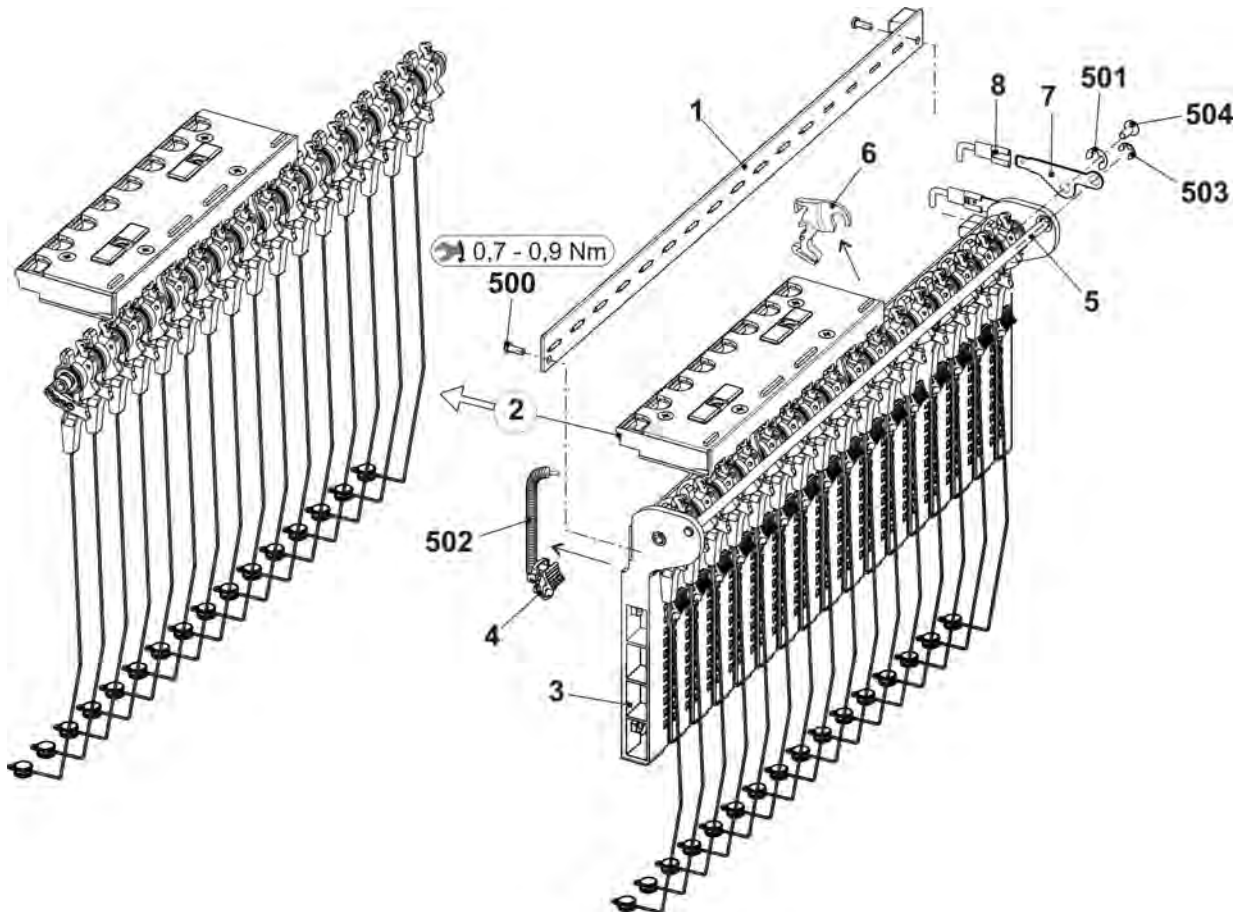
8.5 Right yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the right complete				
	E5 E3,5.2 E5.2 E5m.4 E7m.5	242 390	16	Ground cable	244 404
	E7 E8 E7m.8 E8m.7	242 391	17	Yarn guide inside	250 412
5	Yarn brake complete	244 347	19	Stop bar on the right complete	258 562
6	Shaft	241 318	501	Ceramic eyelet	240 640
7	Yarn tensioner on the right complete E5	242 999	502	Compression spring 0,90x5,40x13,60	241 360
	Yarn tensioner on the right complete E7-8	243 000	504	Washer	022 537
8	Deflector on the right complete	259 570	505	Screw KB 60x30	237 683
9	Wire bow on the right	241 369	508	Pan-head screw M5x16	023 187
10	Yarn deflector	242 011	509	Disk503x18x1,5	020 909
11	Connection cable yarn tensioner	240 808	510	Screw KB 60x20	237 682
13	Yarn brake not adjustable	244 356	511	Sheet metal screw ST4,8x9,5-F	242 374
14	Clamping bow	244 409	512	Flat connector 2x45° M6	243 117



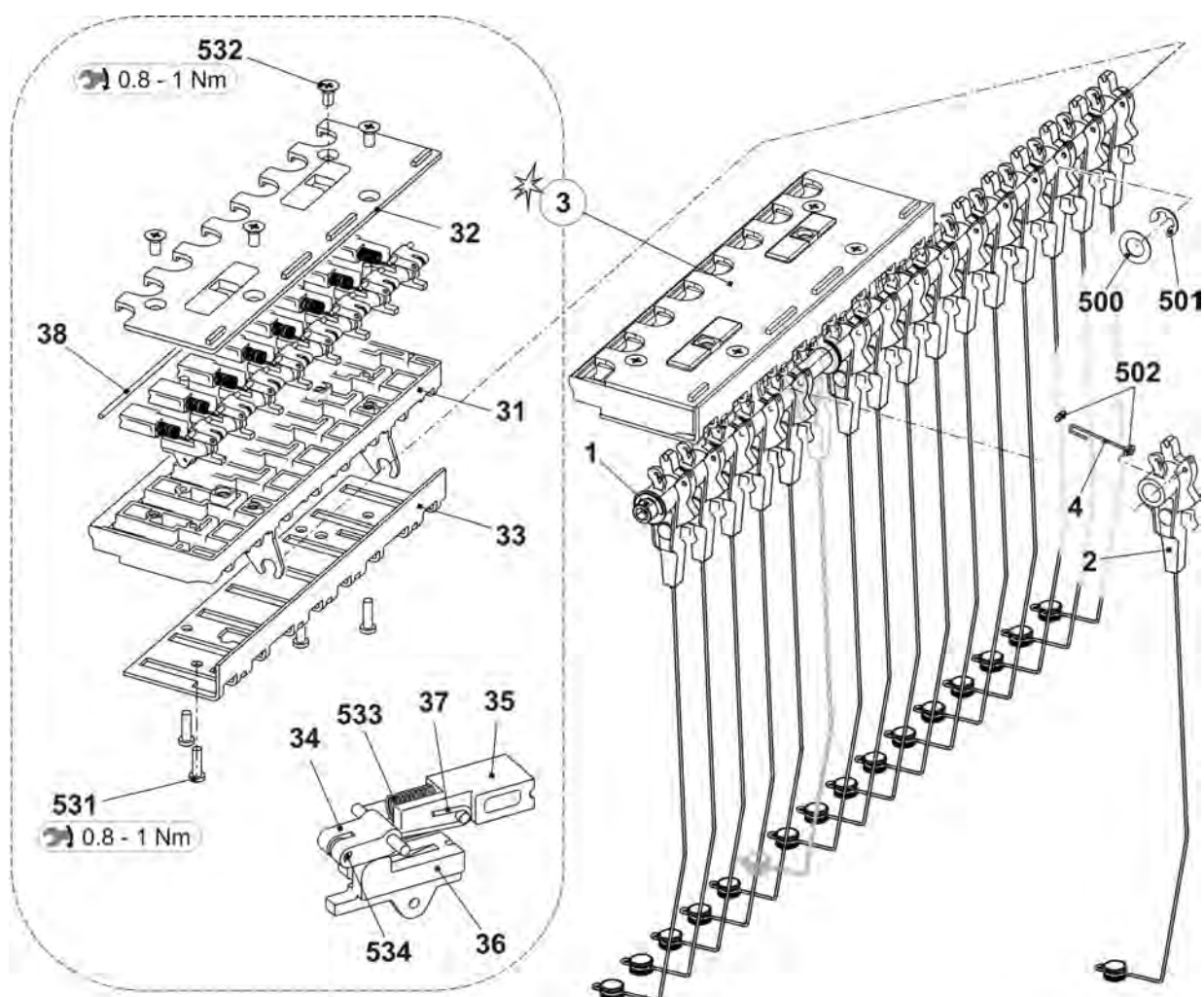
8.5.1 Right yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the right complete E5	242 999	7	Grounding plate of tension axle	243 121
	Yarn tensioner on the right complete E7-8	243 000	8	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 E5-8	243 351	501	Circlip6	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E5)	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 (E7 - E8)	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



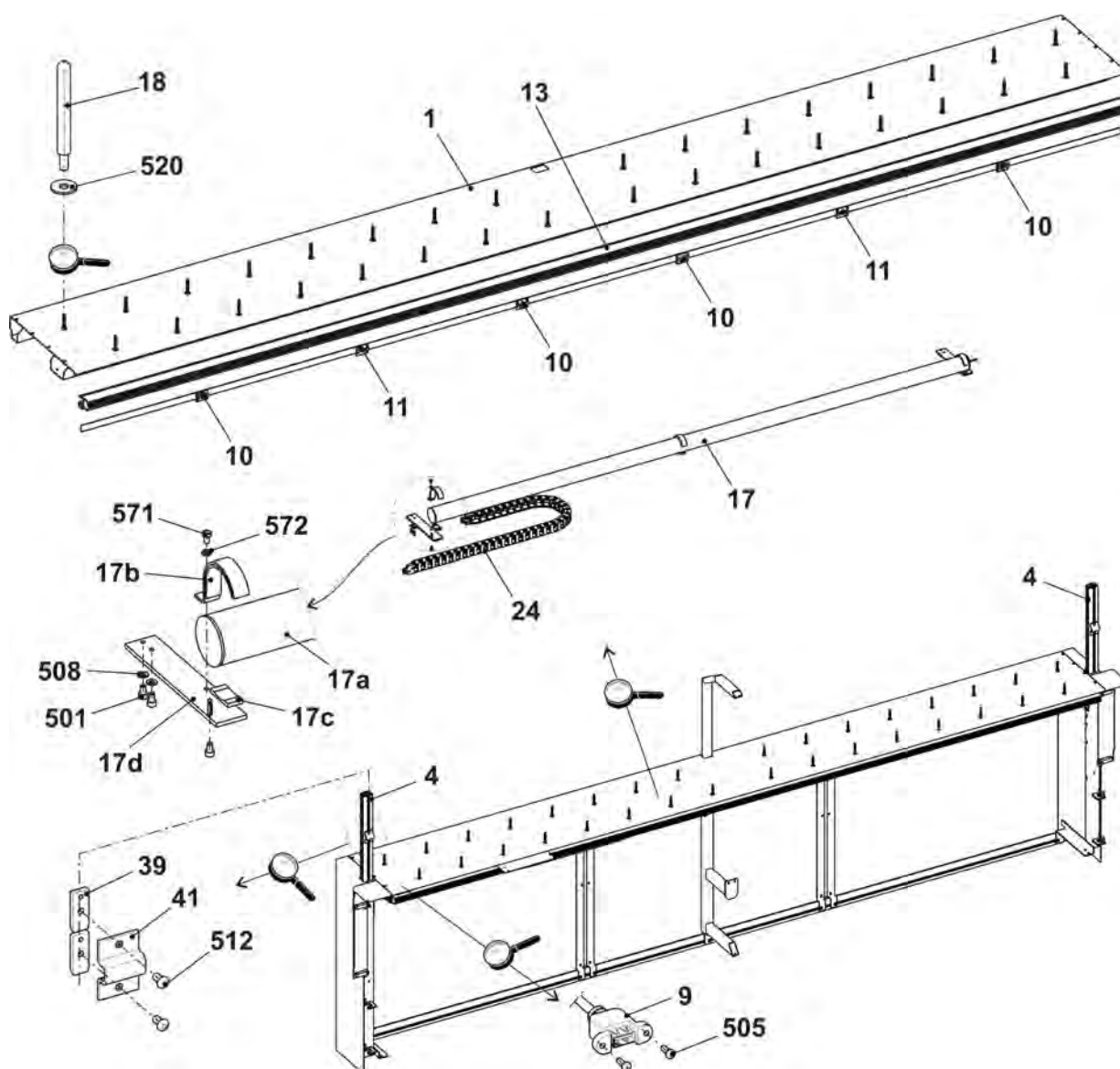
8.5.2 Right tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right complete E5-8	243 351	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	34	Lever AKF	238 692
2	Tension arm pre-assembled E3-8	259 448	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	Slider AKF	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	Housing AKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



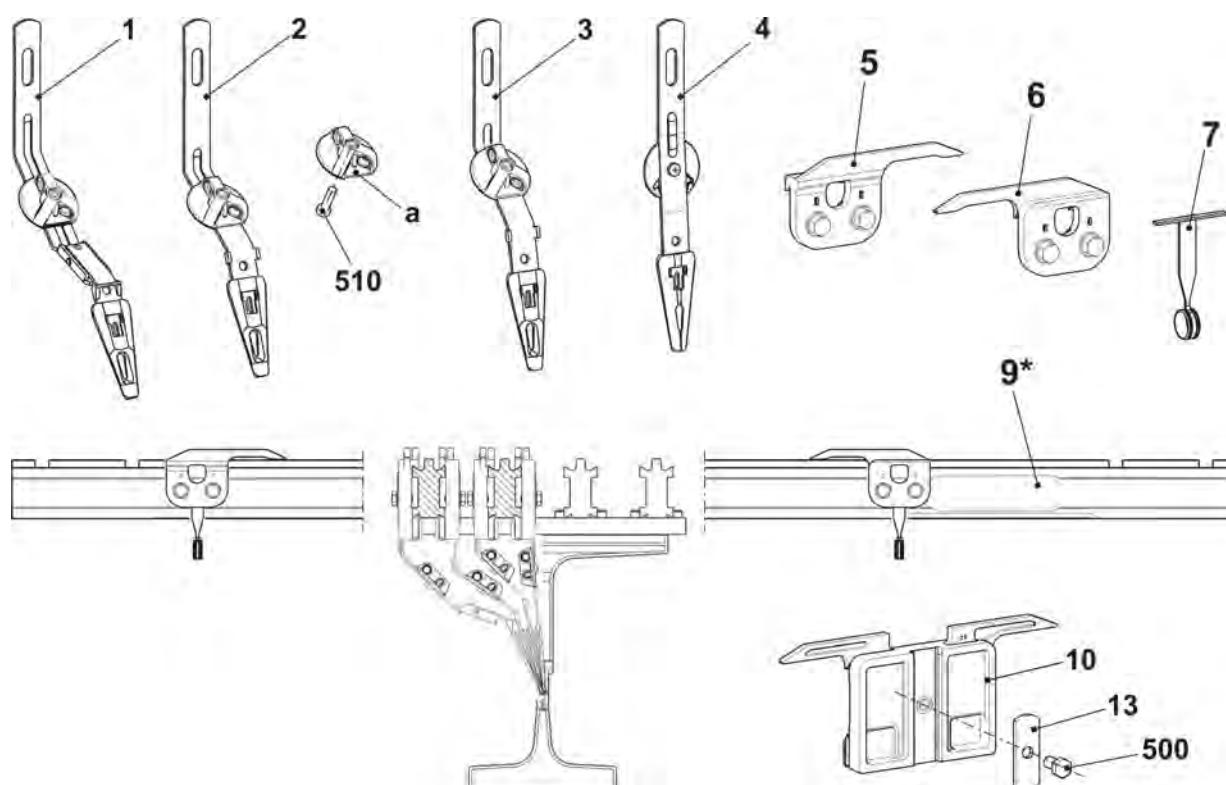
8.6 Bobbin board

Pos	Designation	ID	Pos	Designation	ID	
Σ	Table complete933	242 441	17	Lamp at the top complete	220 137	
1	Table	251 247		17a	Long light RR60V-230	212 580
4	Support element	228 594		17b	Clamping bow	209 504
9	Cable USB extension 96 okc	243 069		17c	Cellular caoutchouc 40x20	208 018
10	Magnet switch safety door	219 983		17d	Lamp support	220 138
11	Magnet switch safety door	220 159		571	Cap screw M6x10	022 773
13	Guide rail at the top complete	242 435		572	Serrated lock washer J6	022 385
18	Positioning pin	204 819		501	Cap screw M6x10	023 690
24	Energy chain display 38 links	253 888	505	Pan-head screw M3x8	023 251	
39	Threaded strip short	200 223	508	Washer	023 598	
41	Clamp	228 583	512	Pan-head screw M8x16	023 113	
			520	Washer	020 901	



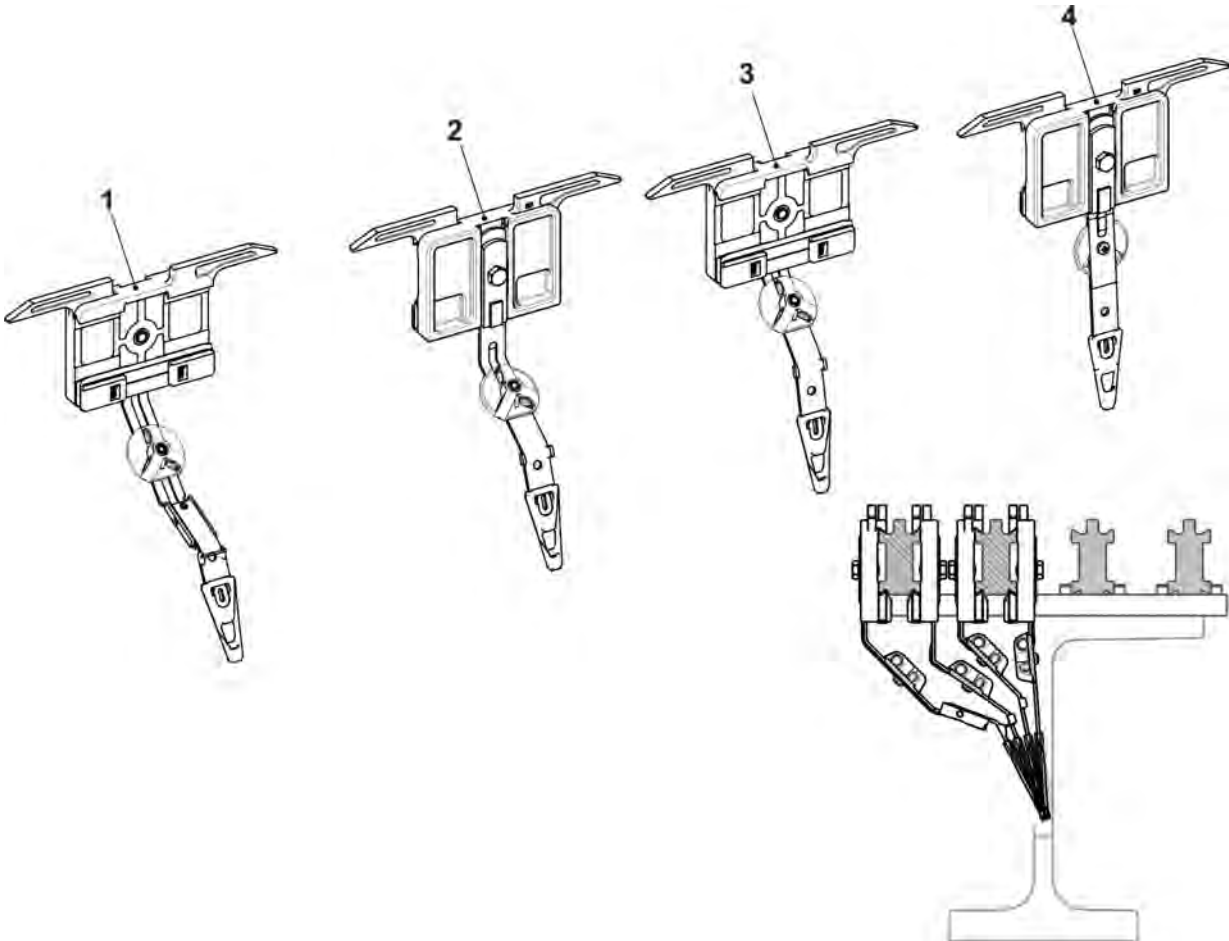
8.7 Yarn carrier and guide rails

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E5	244 003	E5 E5m.4 E7m.5 E3,5.2 E5.2		
	Yarn guide complete E7-8	244 004	1	FF bow 1+8 complete E5	212 990
5	Limiter on the left complete	244 099	2	FF bow 2+7 complete E5	212 992
6	Limiter on the right complete	244 098	3	FF bow 3+6 complete E5	212 991
7	Slider with eyelet	230 709	4	FF bow 4+5 complete E5	212 993
9*	Yarn carrier rail	213 172	E7 E8 E7m8 E8m7		
10	FF carriage complete	243 062	1	FF bow 1+8 complete E7-8	212 892
13	Shim	213 035	2	FF bow 2+7 complete E7-8	212 914
500	Hexagon screw M5x10	020 351	3	FF bow 3+6 complete E7-8	212 925
			4	FF bow 4+5 complete E7-8	212 910
			a	Yarn guide star complete	209 257
			510	Pan-head screw M3x10	023 032

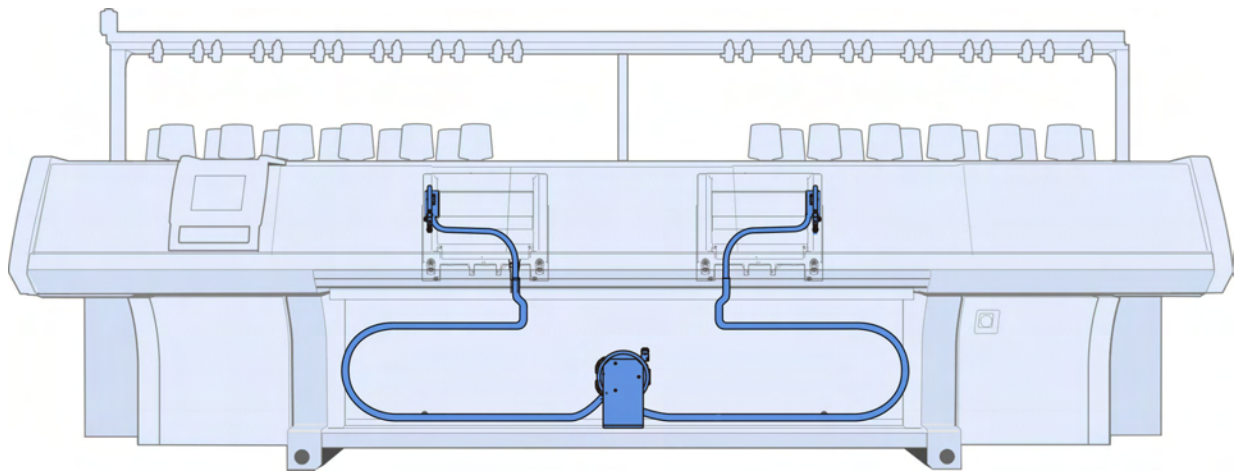


8.8 Complete yarn carriers

Pos	Designation	Track	ID	Pos	Designation	Track	ID
Yarn guide complete							
E5 E5m.4 E7m.5 E3,5.2 E5.2			244 003	E7 E8 E7m.8 E8m.7			244 004
1	FF carriage complete E5	1+8	243 935	1	FF carriage complete E7-8	1+8	243 939
2	FF carriage complete E5	2+7	243 934	2	FF carriage complete E7-8	2+7	243 938
3	FF carriage complete E5	3+6	243 933	3	FF carriage complete E7-8	3+6	243 937
4	FF carriage complete E5	4+5	243 932	4	FF carriage complete E7-8	4+5	243 936

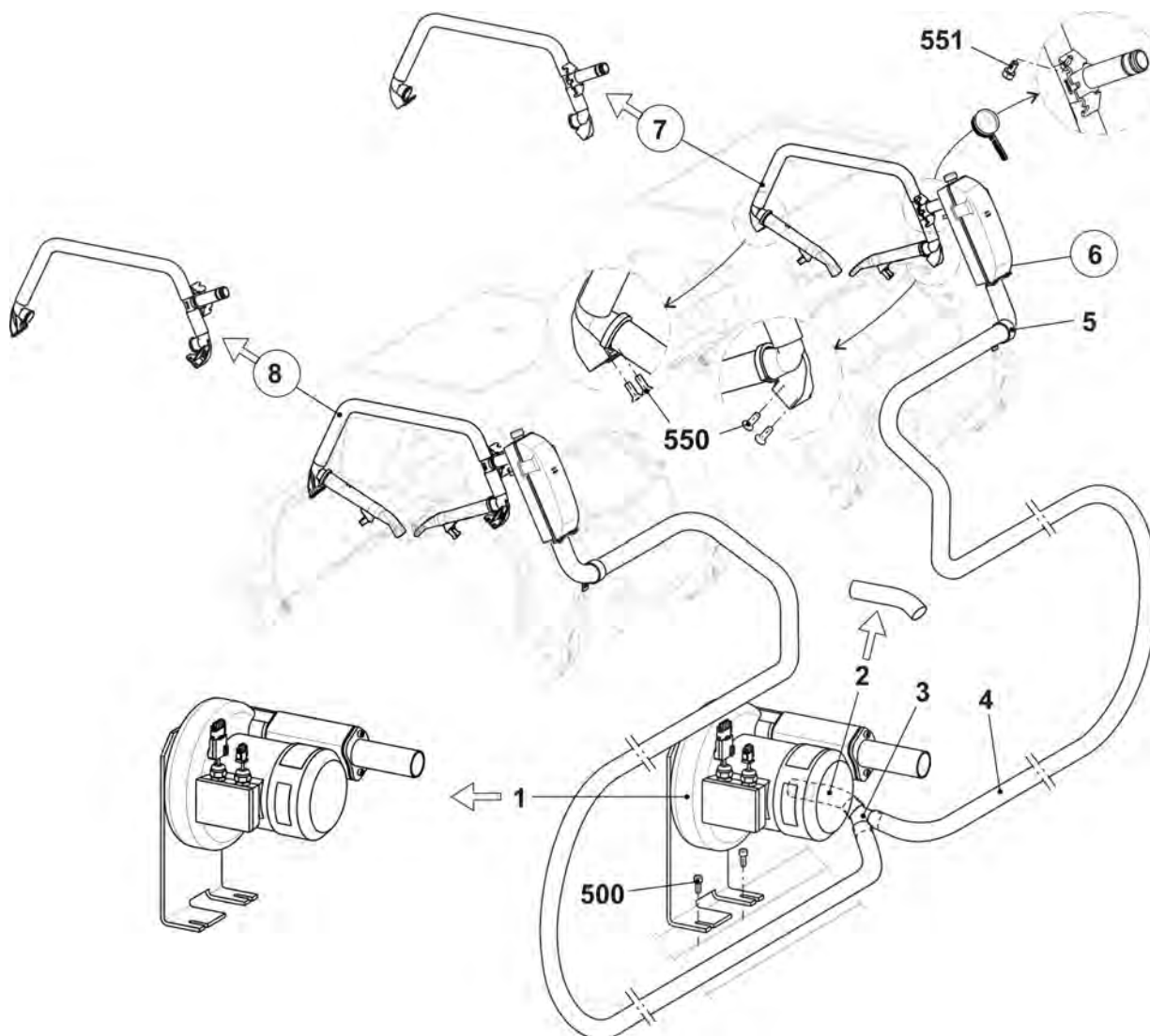


9 Fluff absorption



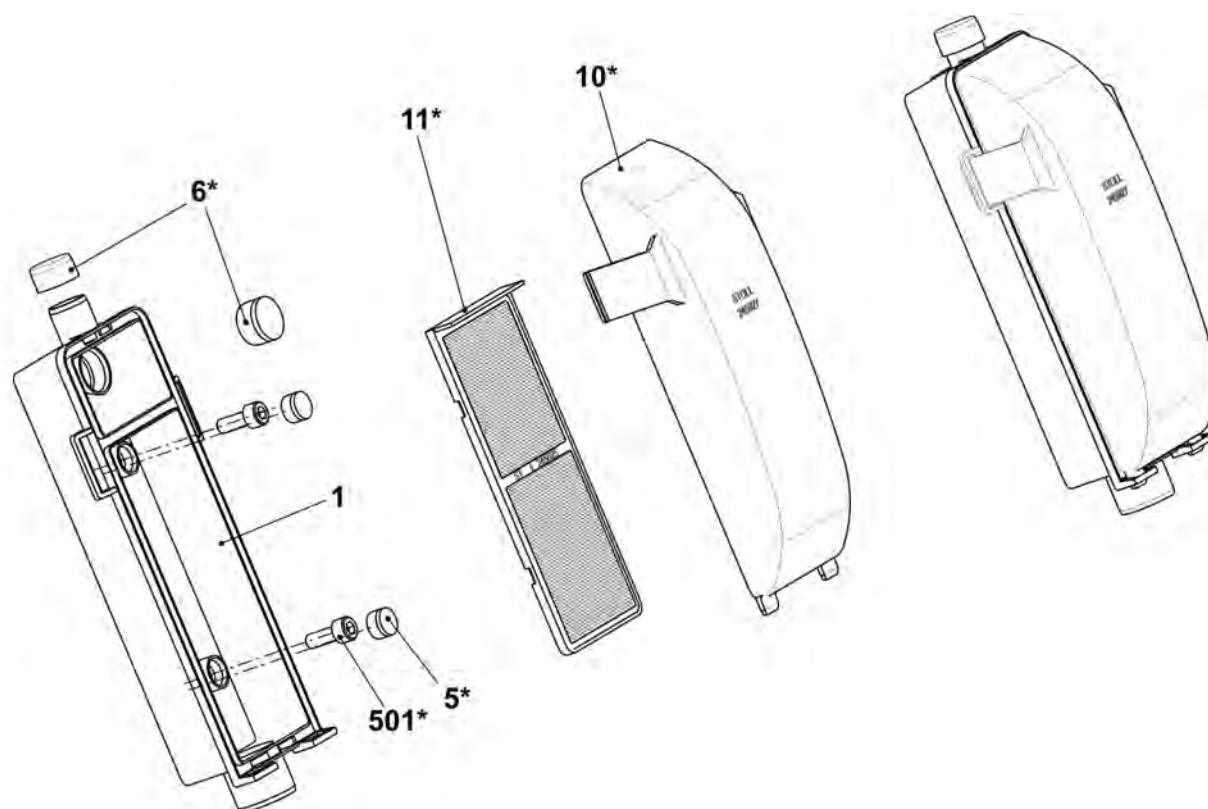
9.1 Fluff absorption

Pos	Designation	ID	Pos	Designation	ID
Σ	Fluff absorption		6	Lint container	245 024
1	Suction fan complete	251 333	7	Set of hose on the left complete 922/933	251 349
2	Suction hose 29x25x150	251 348	8	Set of hose on the right complete 922/933	251 350
3	Hose connector	245 011	500	Cap screw M8x16	023 629
4	Suction hose 29x25x3750	251 336	550	Countersunk head screw M4x8	251 011
5	Hose clip	214 653	551	Cap screw M4x8	022 501



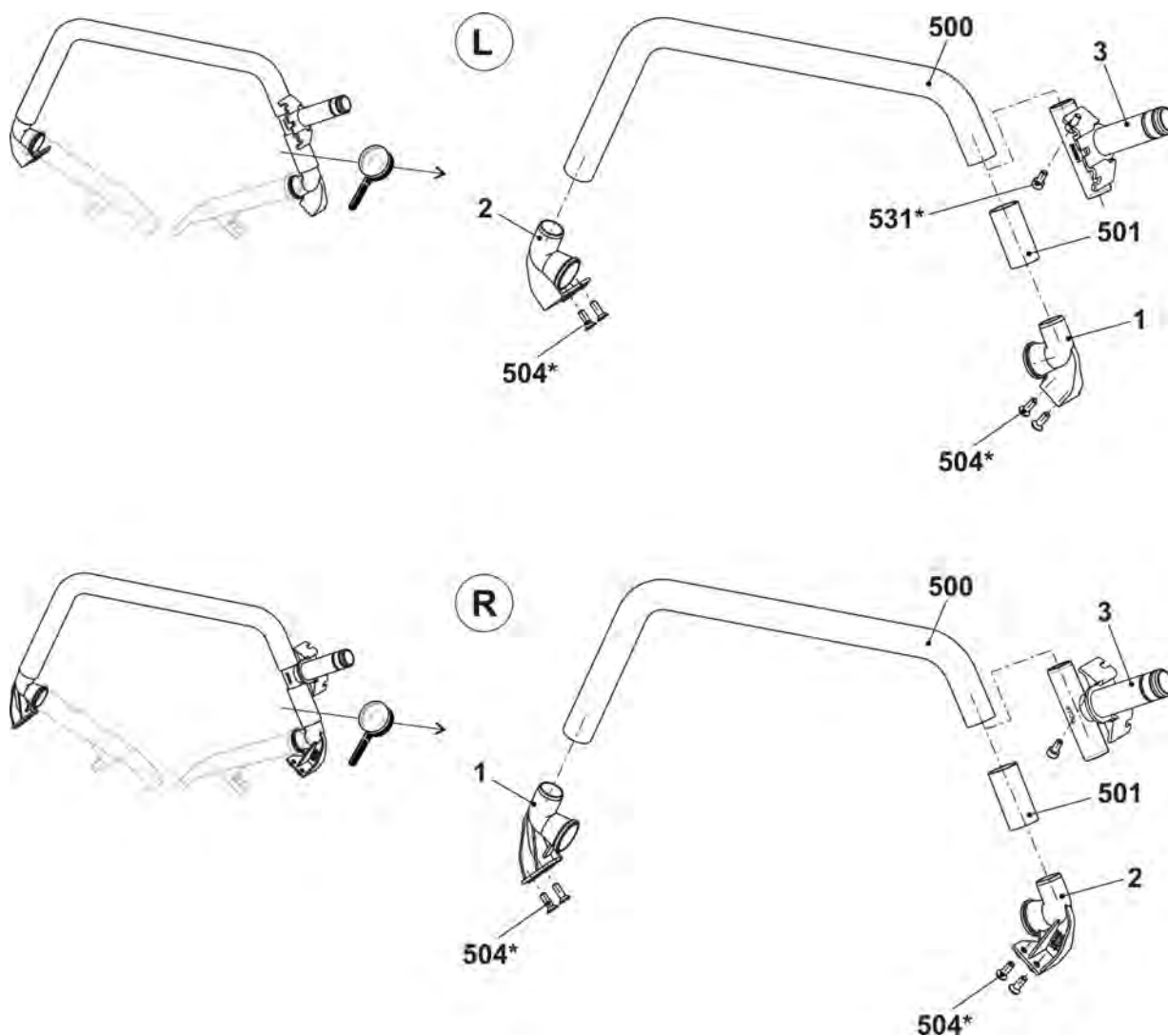
9.1.1 Lint container

Pos	Designation	ID	Pos	Designation	ID
Σ	Lint container				
1	Lint container	245 024	10*	Cover lint container	245 027
5*	Sealing plug	245 028	11*	Filter	245 025
6*	Sealing plug	245 029	501*	Cap screw M6x10	023 690



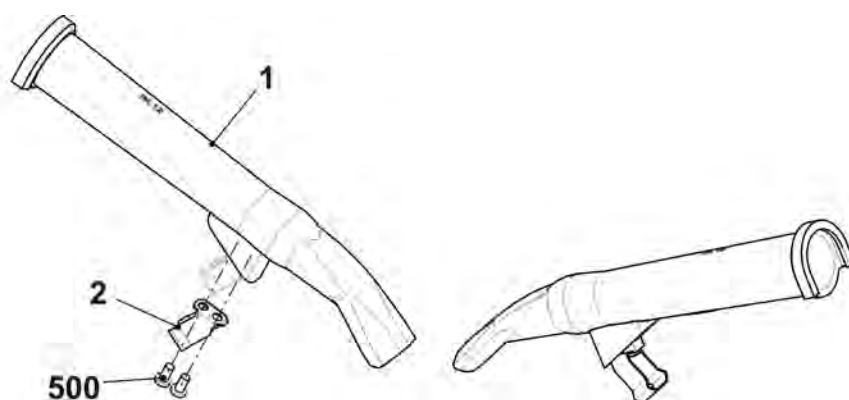
9.1.2 Set of hose on the left and right

Pos	Designation	ID	Pos	Designation	ID
L	Set of hose on the left complete 922/933	251 349			
R	Set of hose on the right complete 922/933	251 350	500	Suction hose 20x16x400	244 983
1	Angle connection on the right	250 121	501	Suction hose 20x16x40	251 043
2	Angle connection on the left	251 101	504*	Countersunk head screw M4x8	251 011
3	T-piece FLENT	245 021	531*	Cap screw M4x8	022 501

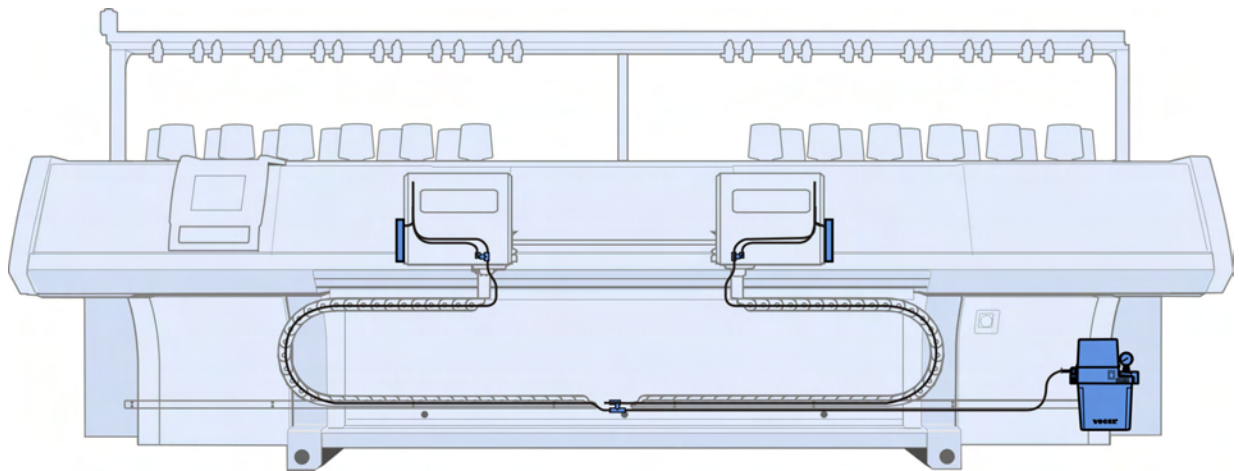


9.1.3 Suction tube

Pos	Designation	ID	Pos	Designation	ID
Σ	Suction tube complete E4-14	251 310	2	Bracket	255 627
1	Suction tube	255 386	500	Screw KB30x6	241 424

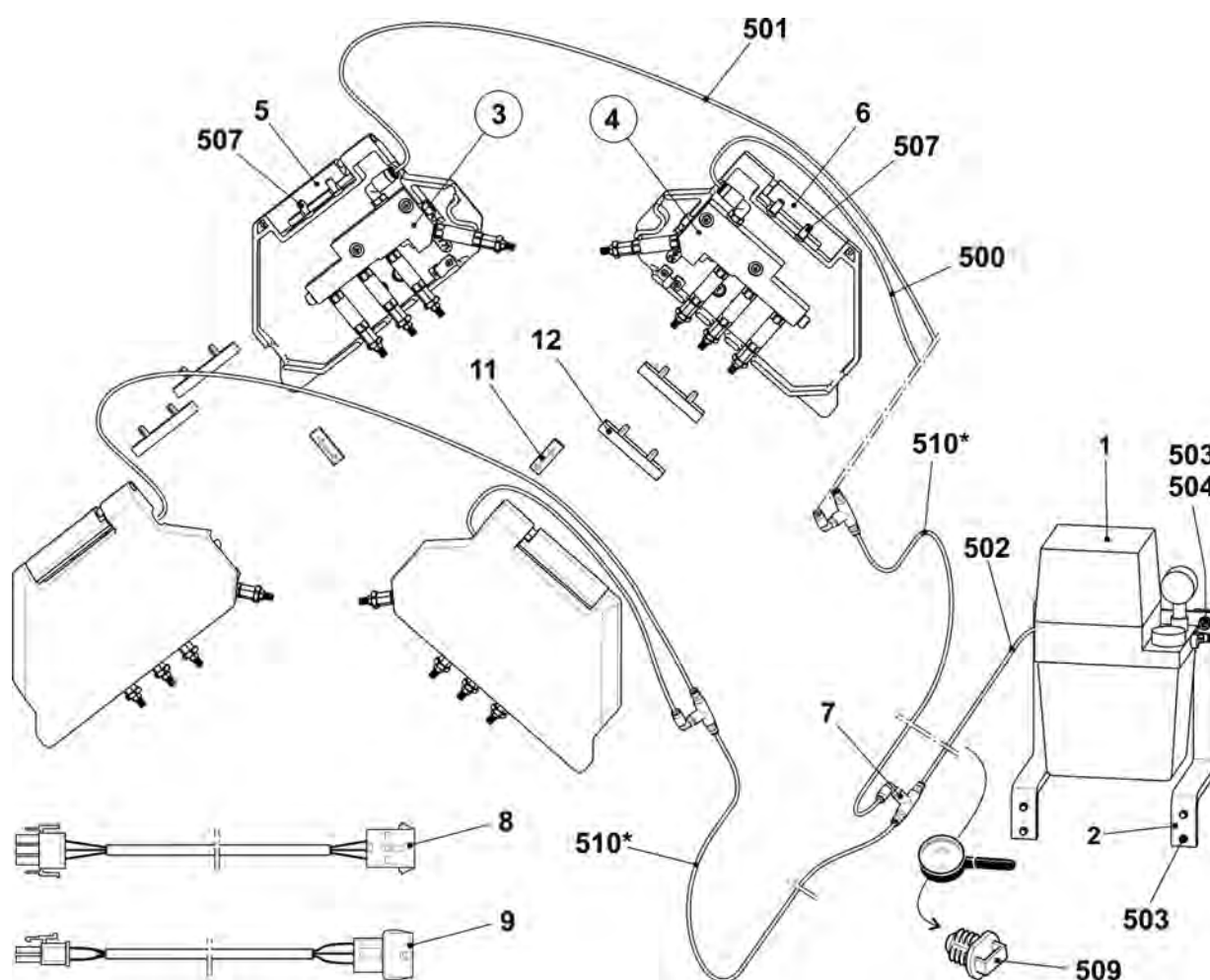


10 Central lubrication



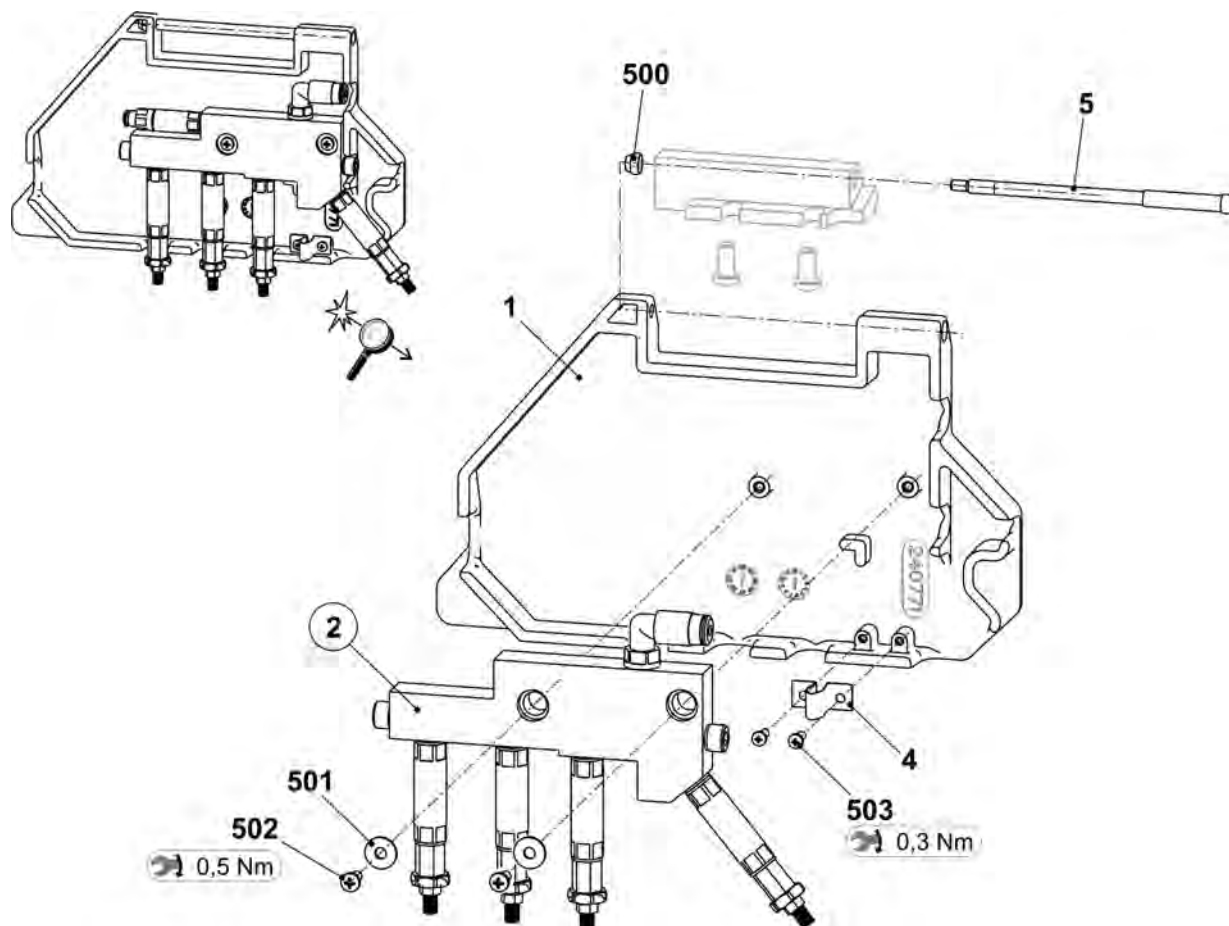
10.1 Central lubrication

Pos	Designation	ID	Pos	Designation	ID
Σ	Central lubrication	242 949	11	Sealing plug	240 777
1	Oil central lubricating pump Vogel	235 068	12	Border	240 778
2	Support for oil equipment	241 636	500	Tubular D6, L = 500	235 037
3	Lubrication unit at the front complete	241 047	501	Tubular D6, L = 1000	235 038
4	Lubrication unit at the rear complete	241 048	502	Tubular D6, L = 2500	236 545
5	Joint at the front	240 791	503	Cap screw M8x16	023 629
6	Joint at the rear	240 792	504	Washer 8	020 883
7	T-piece complete	235 039	507	Pan-head screw M6x12	235 935
8	Cable supply 50"/96" OKC	244 406	509	Assembling element	209 543
9	Cable control ZS OKC	238 704	510*	Tubular D6, L = 3300	235 044



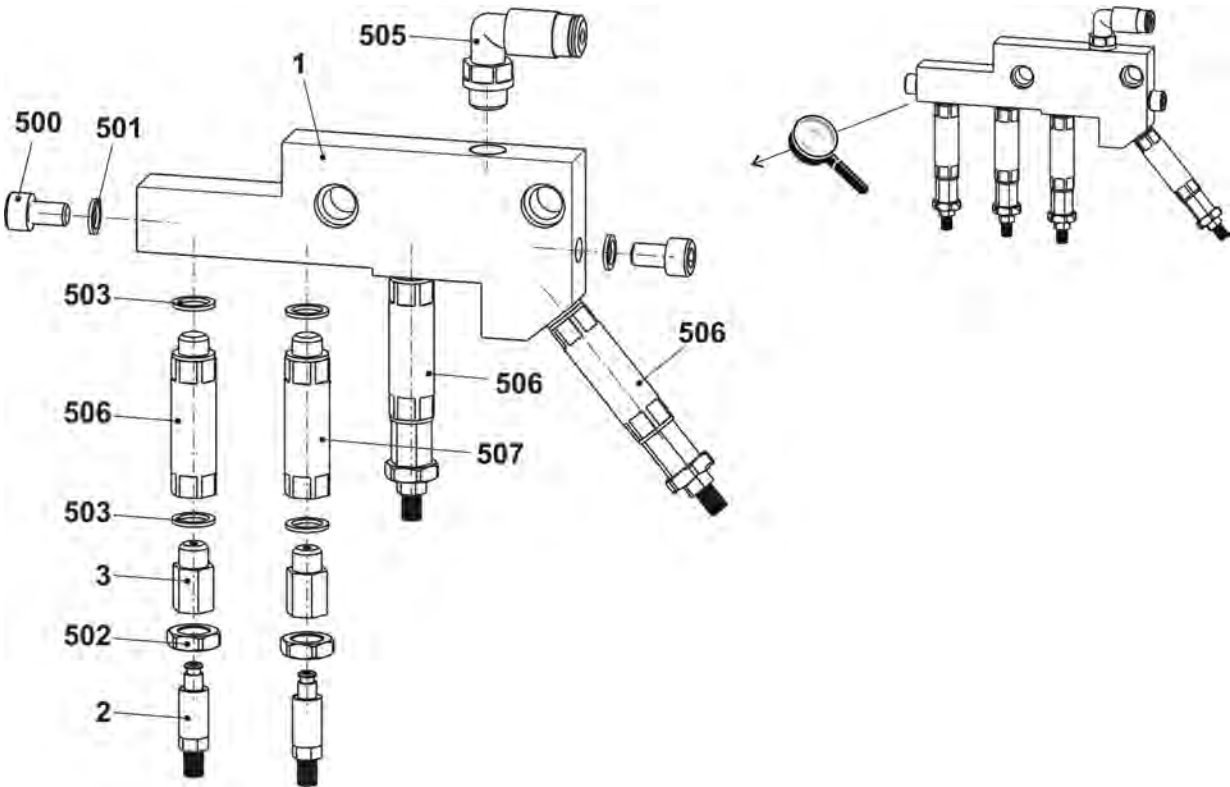
10.1.1 Lubrication unit at the front complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Lubrication unit at the front complete	241 047			
1	Housing at the front	240 771	500	Hexagon nut M4	023 046
2	Distributor complete	241 046	501	Washer 4	023 047
4	Locking bar	235 054	502	Screw KB 40x8	238 089
5	Shoulder screw	240 790	503	Screw KB 30x8	236 228



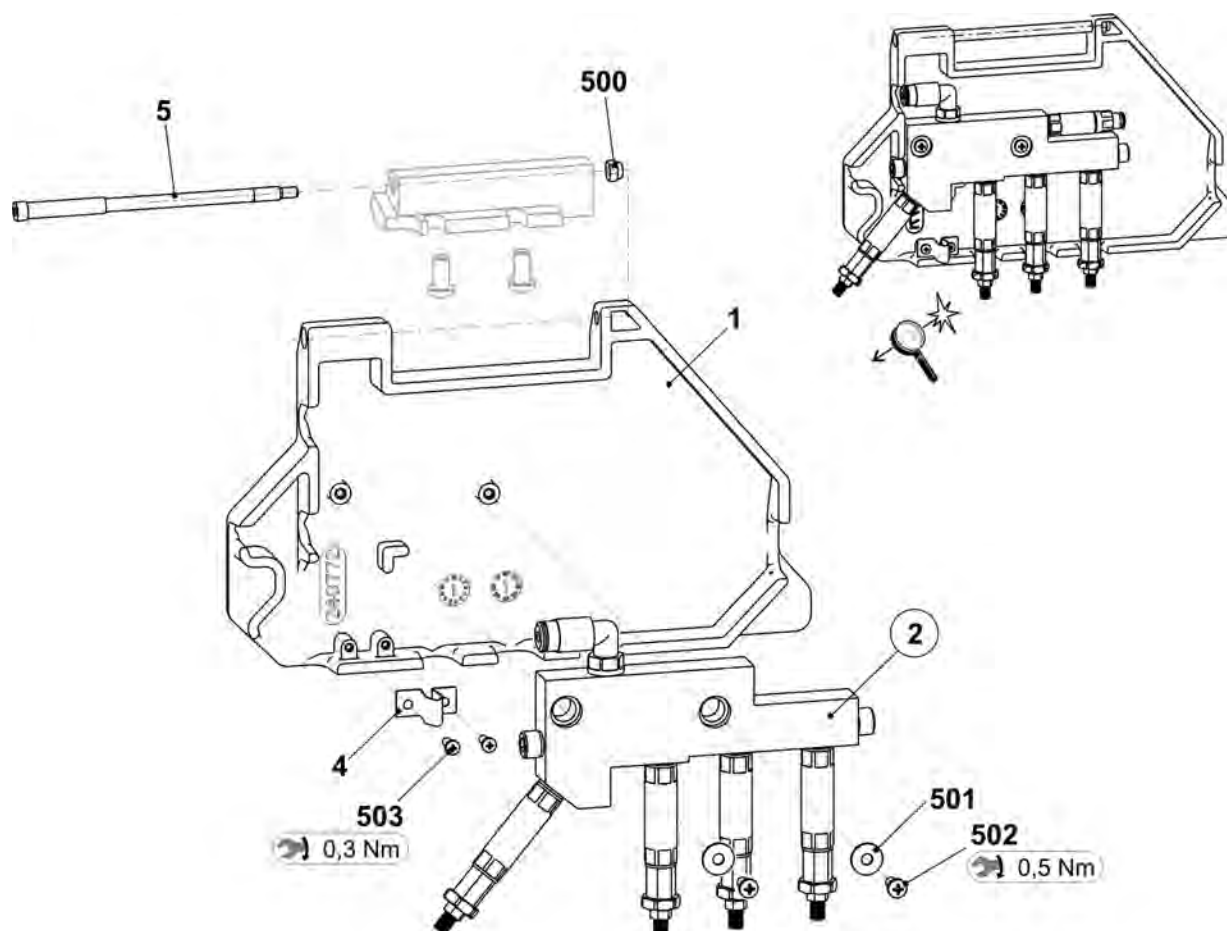
10.1.1.1 Distributor complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Distributor complete	241 046			
1	Distributor	240 773	502	Hexagon nut M8-04	020 856
2	Brush	235 050	503	Sealing ring A8x11,5	023 892
3	Adapter brush	235 049	505	Swivelling connection	235 067
500	Cap screw M6x10	023 690	506	Dosing unit screw connection	235 079
501	Sealing ring A6,5x9,5	237 456	507	Dosing unit screw connection	237 809

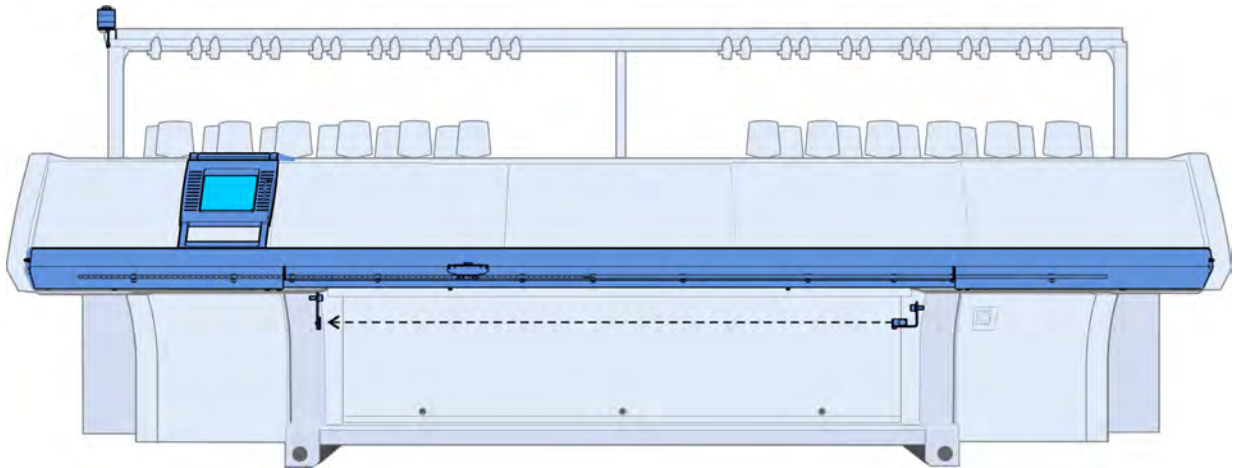


10.1.2 Lubrication unit at the rear complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Lubrication unit at the rear complete	241 048			
1	Housing at the rear	240 772	500	Hexagon nut M4	023 046
2	Distributor complete	241 046	501	Washer 4	023 047
4	Locking bar	235 054	502	Screw KB 40x8	238 089
5	Shoulder screw	240 790	503	Screw KB 30x8	236 228

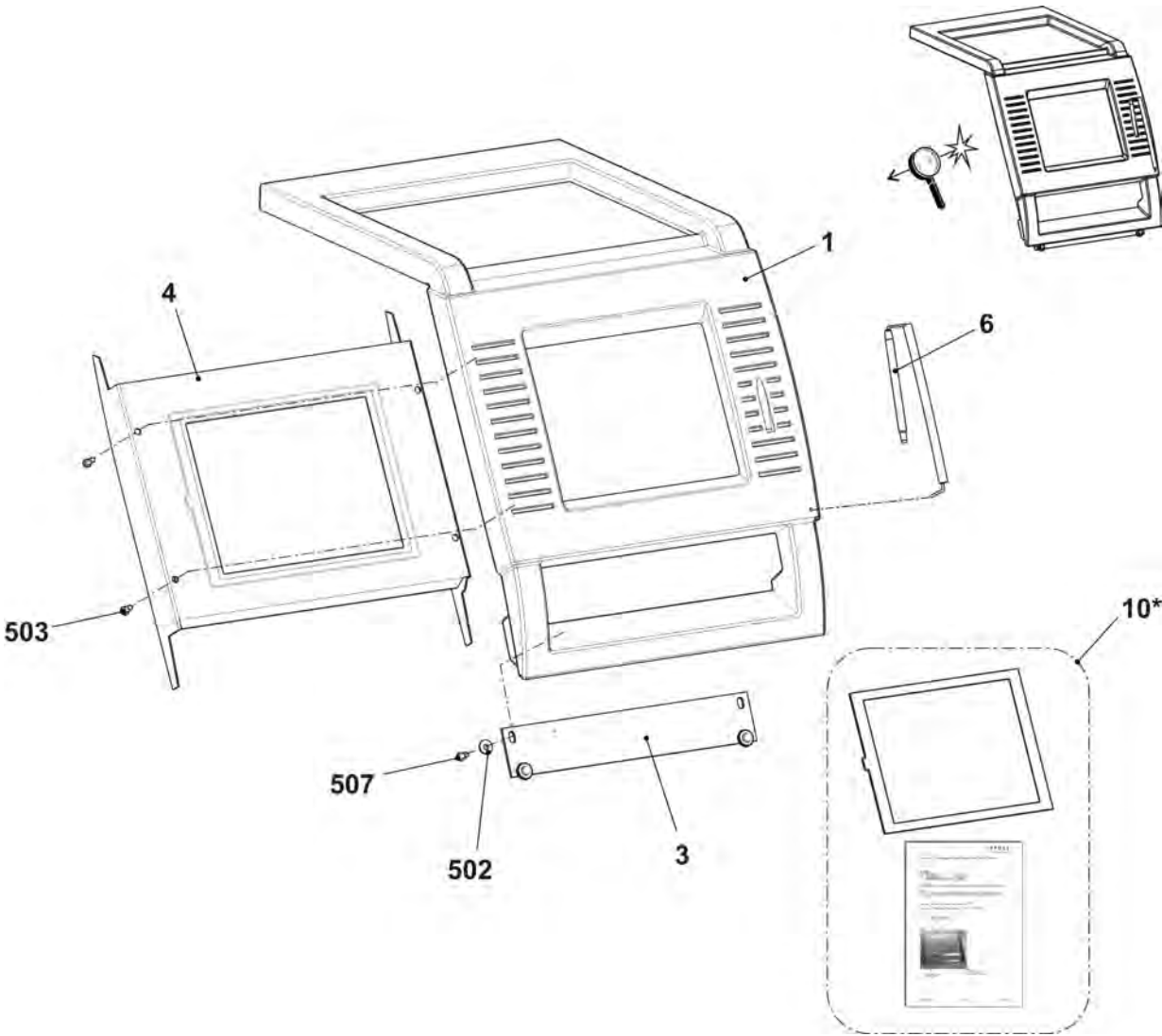


11 Operation and control



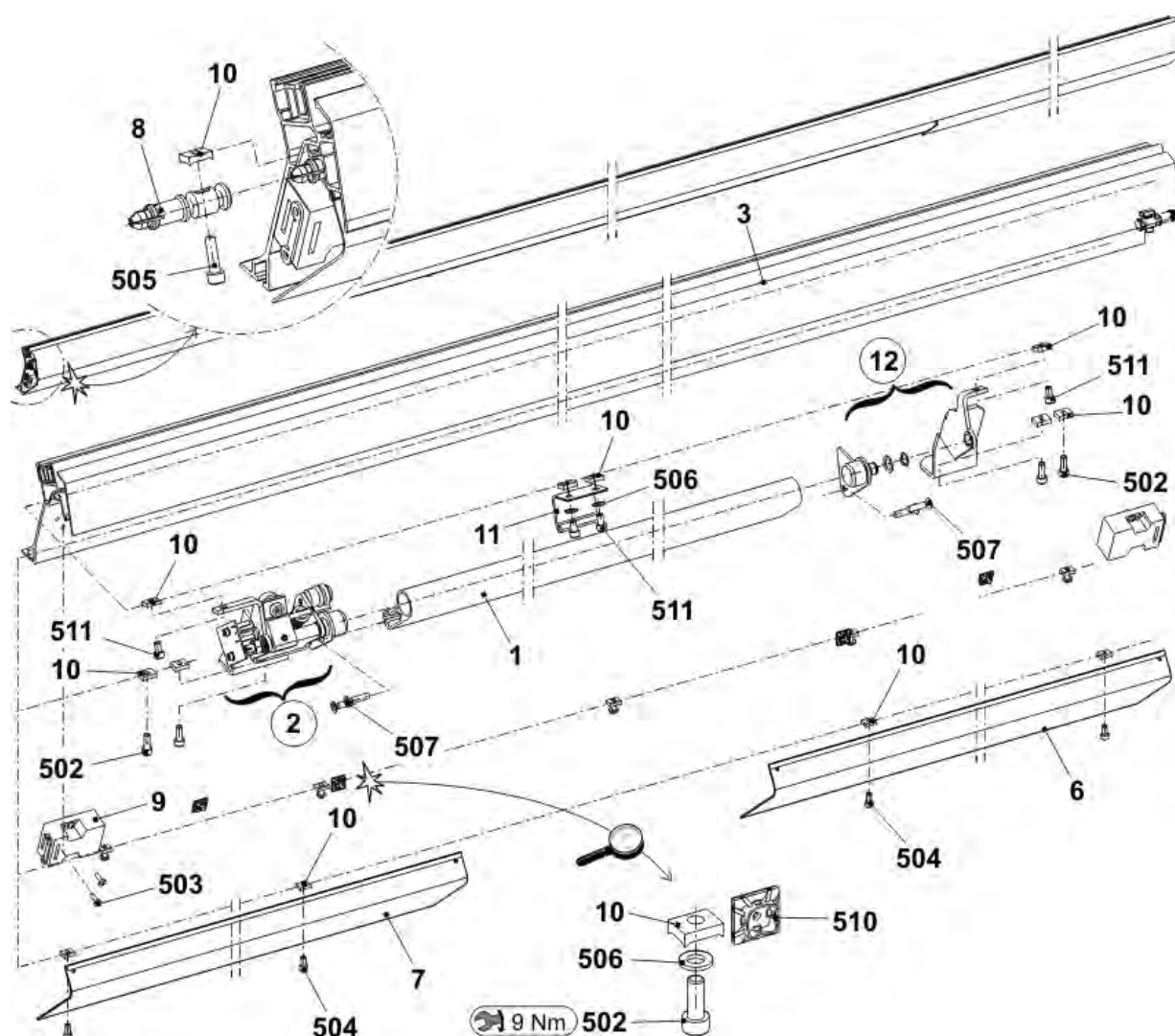
11.1 Input unit

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



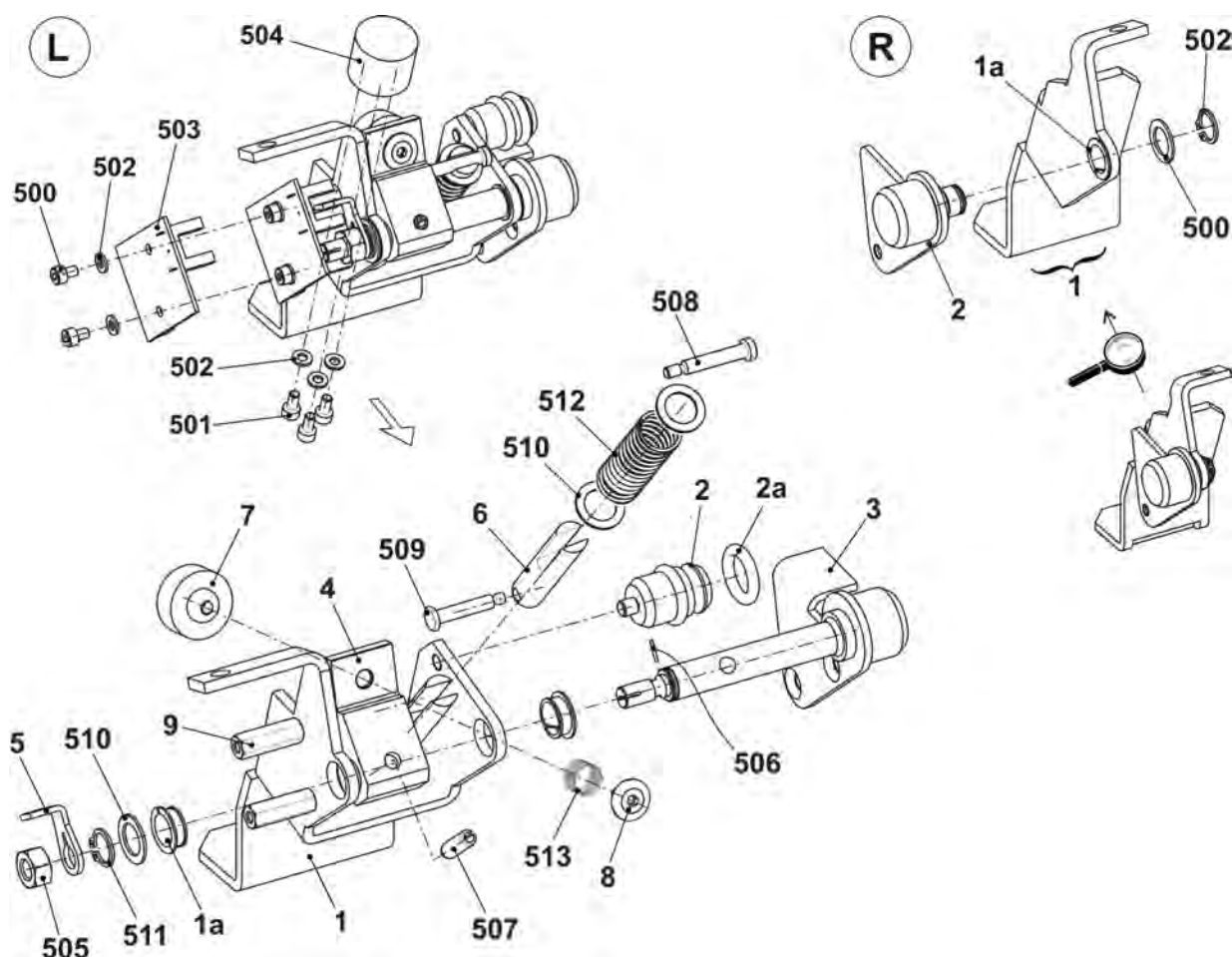
11.2 Starting device

Pos	Designation	ID	Pos	Designation	ID
Σ	Starting device complete	241 229			
1	Engaging rod	241 224	12	Bearing on the right complete	252 964
2	Bearing on the left complete	250 071	502	Cap screw M6x16	020 135
3	Guide rail at the bottom complete	257 320	503	Pan-head screw M5x14	023 588
6	Cover plate on the right	251 218	504	Cap screw M6x12	020 134
7	Cover plate on the left	251 219	505	Cap screw M6x20	020 136
8	Locating bolt	219 107	506	Washer 6	020 872
9	Switch with cable to safety doors	223 350	507	Screw M6x25	023 510
10	Sliding nut (slot nut)	225 099	510	Cable holder	262 037
11	Stabilizer	244 634	511	Cap screw M6x10	023 690



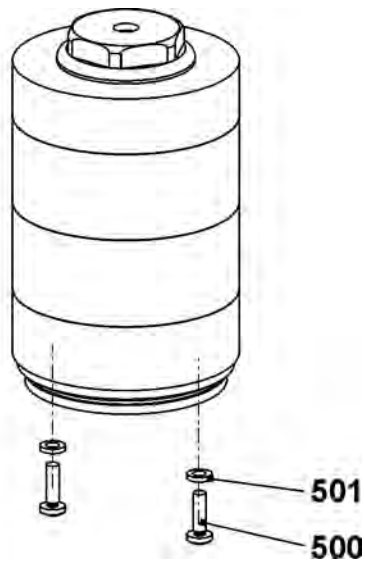
11.2.1 Bearing of the engaging rod

Pos	Designation	Id	Pos	Designation	Id
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM 12-04	023 639	506	Dowel pin 1,5x8	236 923
2	Support of buffer	220 561	507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237	508	Shoulder screw M4x24,8x7,7	240 299
3	Shaft on the left	245 219	509	Shoulder screw	251 316
4	Rotor	253 776	510	Shim ring 12x18x1	023 315
5	Switch flag	245 220	511	Retaining ring 12x1	020 951
6	Spring mandrel	251 340	512	Compression spring 1,25x15x98,2	023 609
7	Disk	245 222	513	Compression spring 0,5x11x20,21	265 082
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067	1	Bearing on the right	240 230
501	Cap screw M4x8	022 501	1a	Clip bearing MCM 12-04	023 639
502	Shim ring 4x8x1	023 369	2	Shaft on the right	242 888
503	Card engaging	259 000	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Retaining ring 12x1	020 951



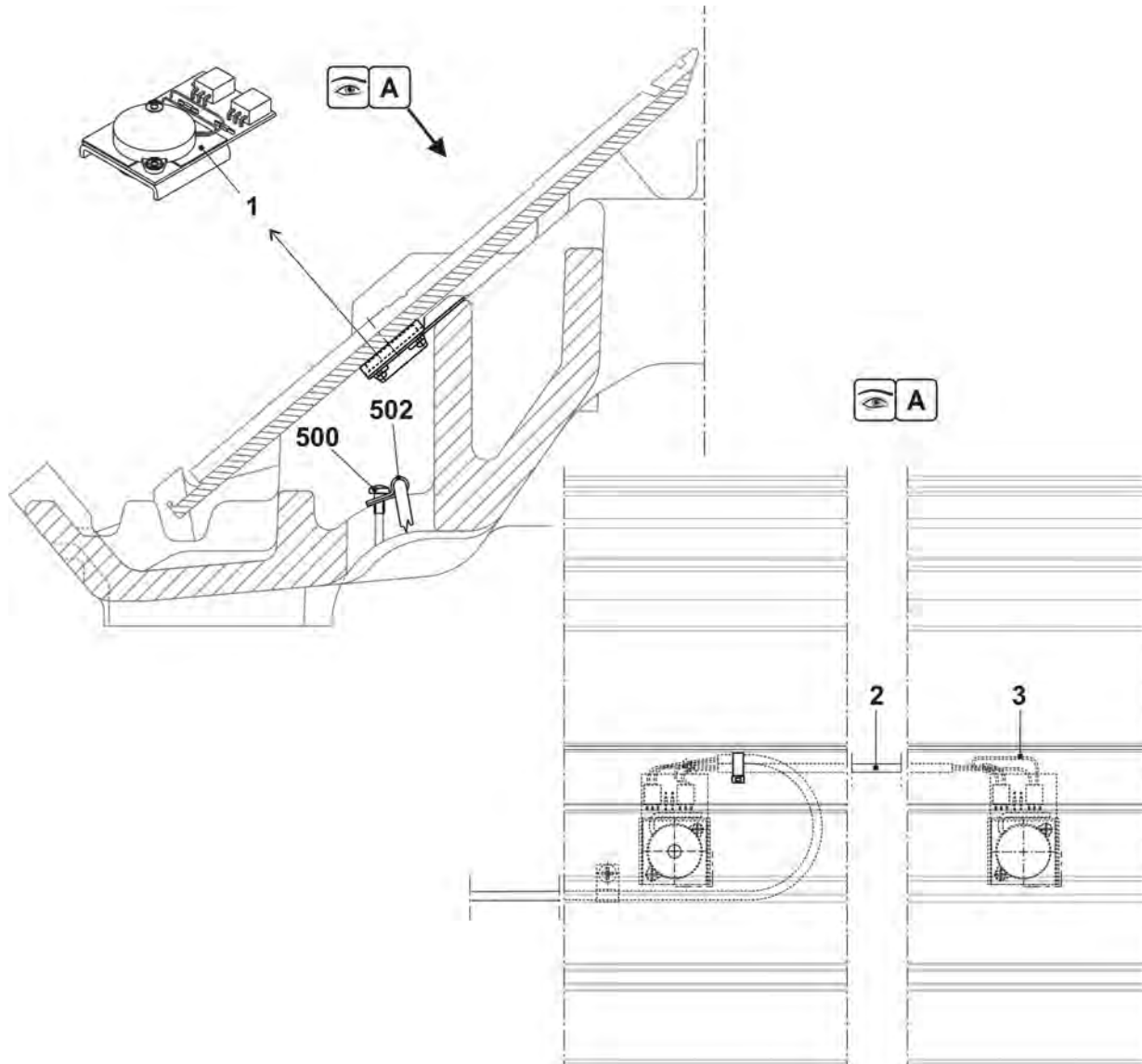
11.3 Signal light

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			



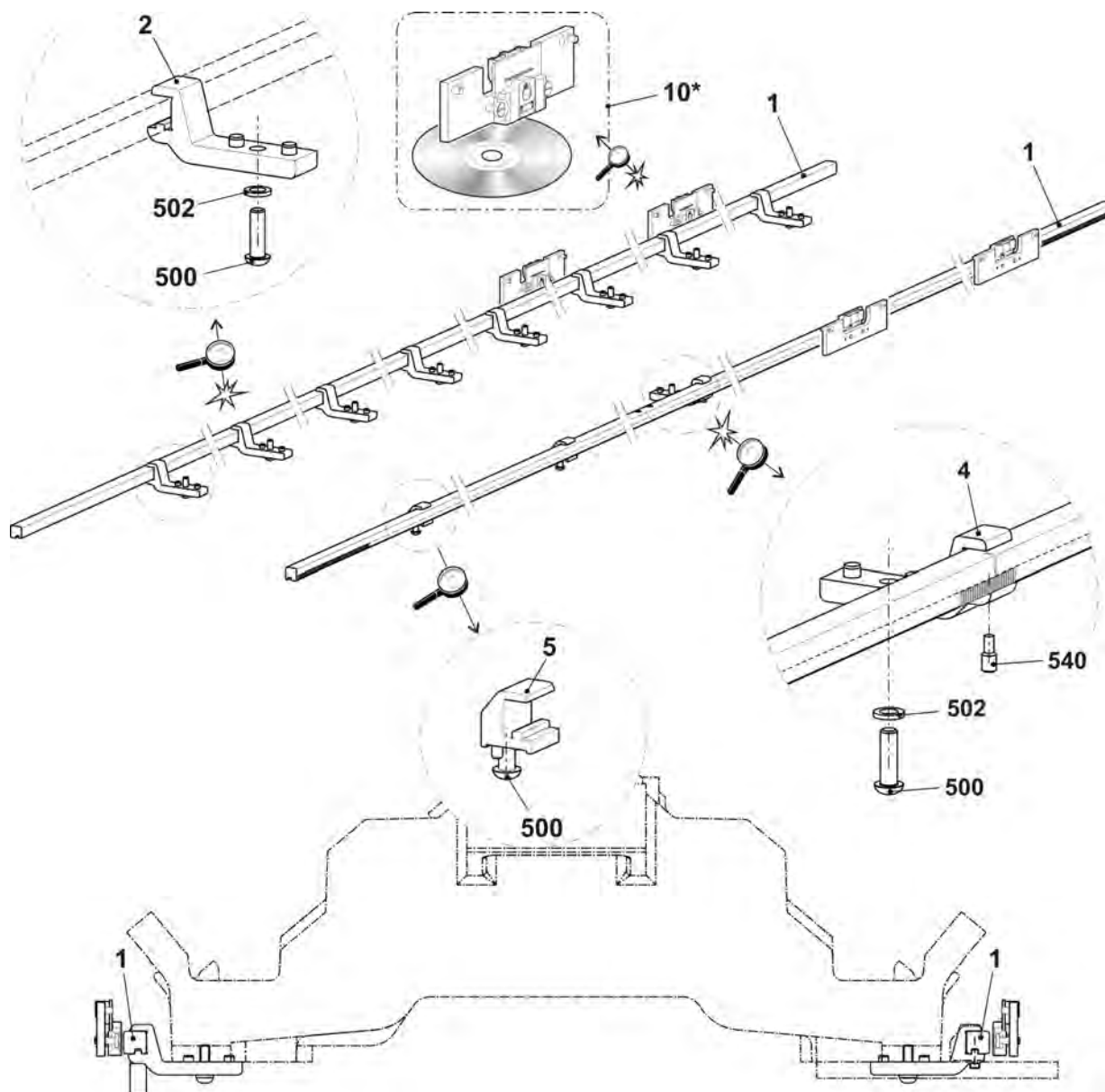
11.4 Shock stop motion

Pos	Designation	ID	Pos	Designation	ID
Σ	Shock stop motion complete	220 873	3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011	500	Pan-head screw M4x8	023 036
2	Connecting cable piezo sensor	220 063	502	Cable clip N-3B, 5 mm	210 729

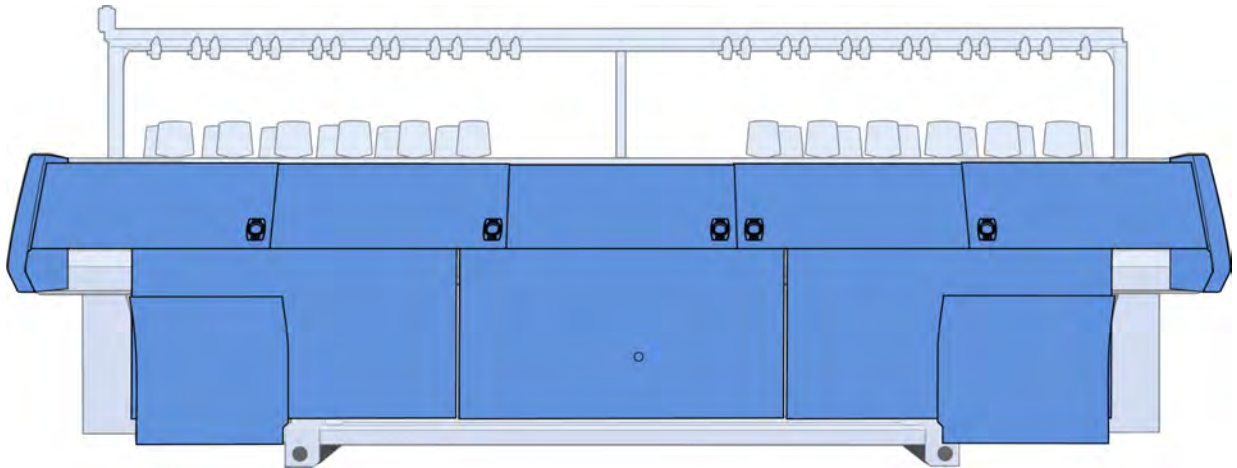


11.5 Measuring device

Pos	Designation	ID	Pos	Designation	ID
Σ	Measuring device	259 320			
1	Measuring bar	258 294	5	Guide outside	251 633
2	Guide	212 210	500	Pan-head screw	241 603
4	Guide	240 672	502	Washer	020 881
	540 Setscrew	230 803	10*	Spare parts package impulse sensor GLM	259 613

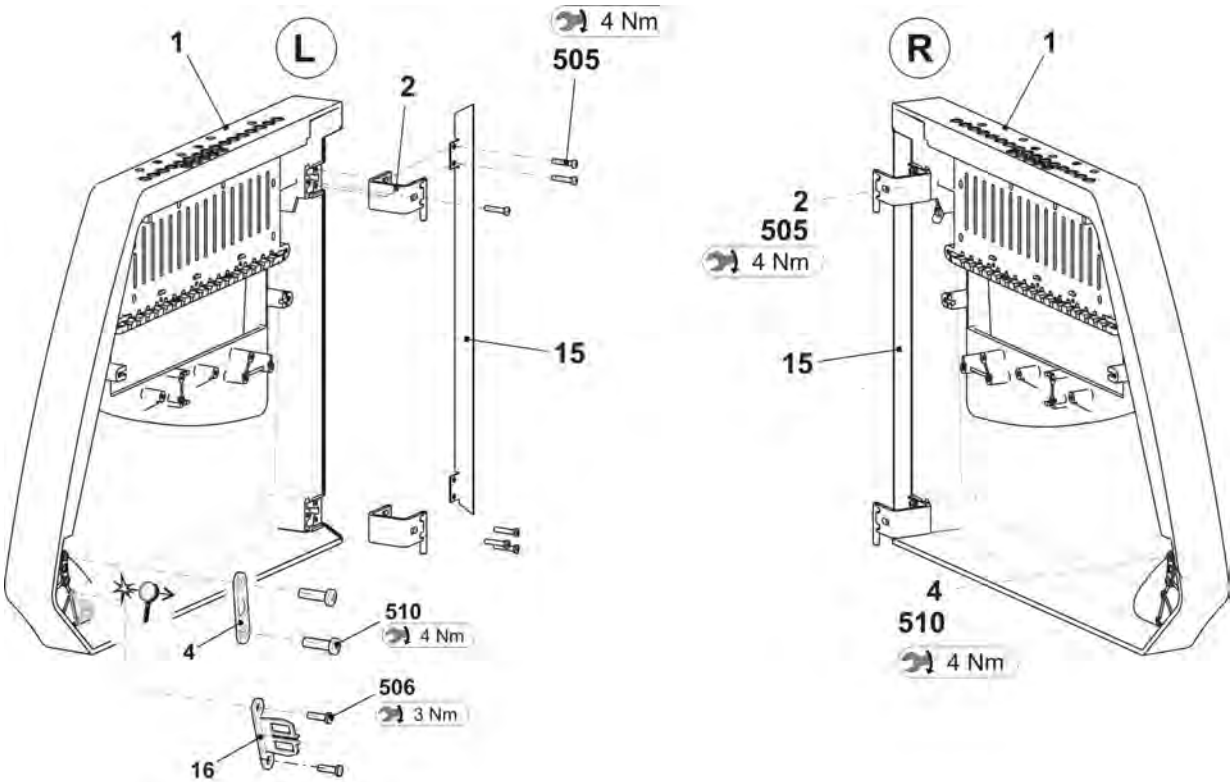


12 Protective device



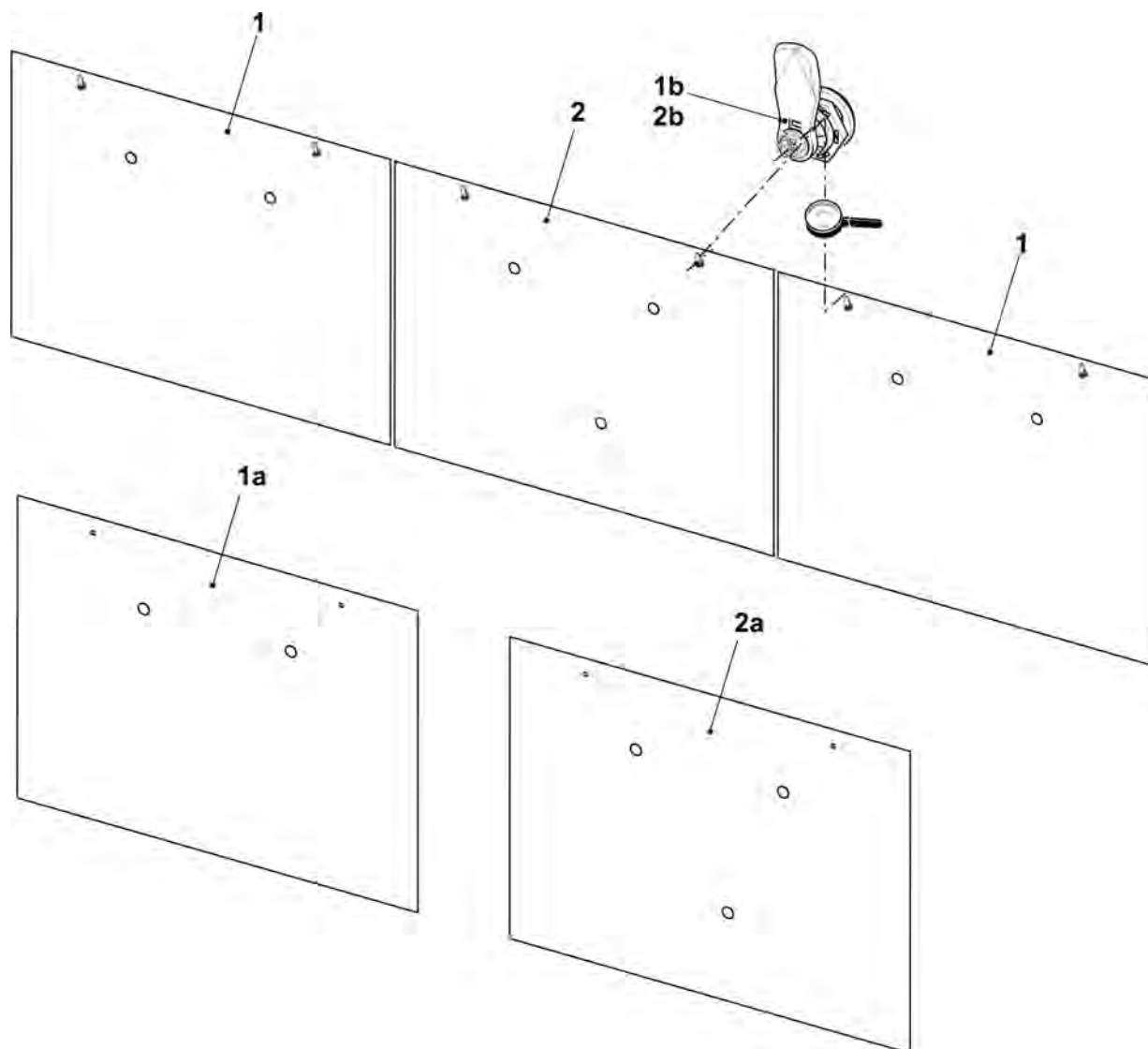
12.1 Lateral safety doors

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left		Σ	Safety door on the right	
1	Safety door on the left	250 562	1	Safety door on the right	250 563
2	Hinge left safety door	263 940	2	Hinge right safety door	263 941
4	Locking plate	219 748	4	Locking plate	219 748
15	Border at left safety door	242 749	15	Border at left safety door	242 750
16	ActuatorAZ 15/16	255 492	16	ActuatorAZ 15/16	255 492
505	Screw KB 60x30	237 683	505	Screw KB 60x30	237 683
510	Screw KB 60x20	237 682	510	Screw KB 60x20	237 682



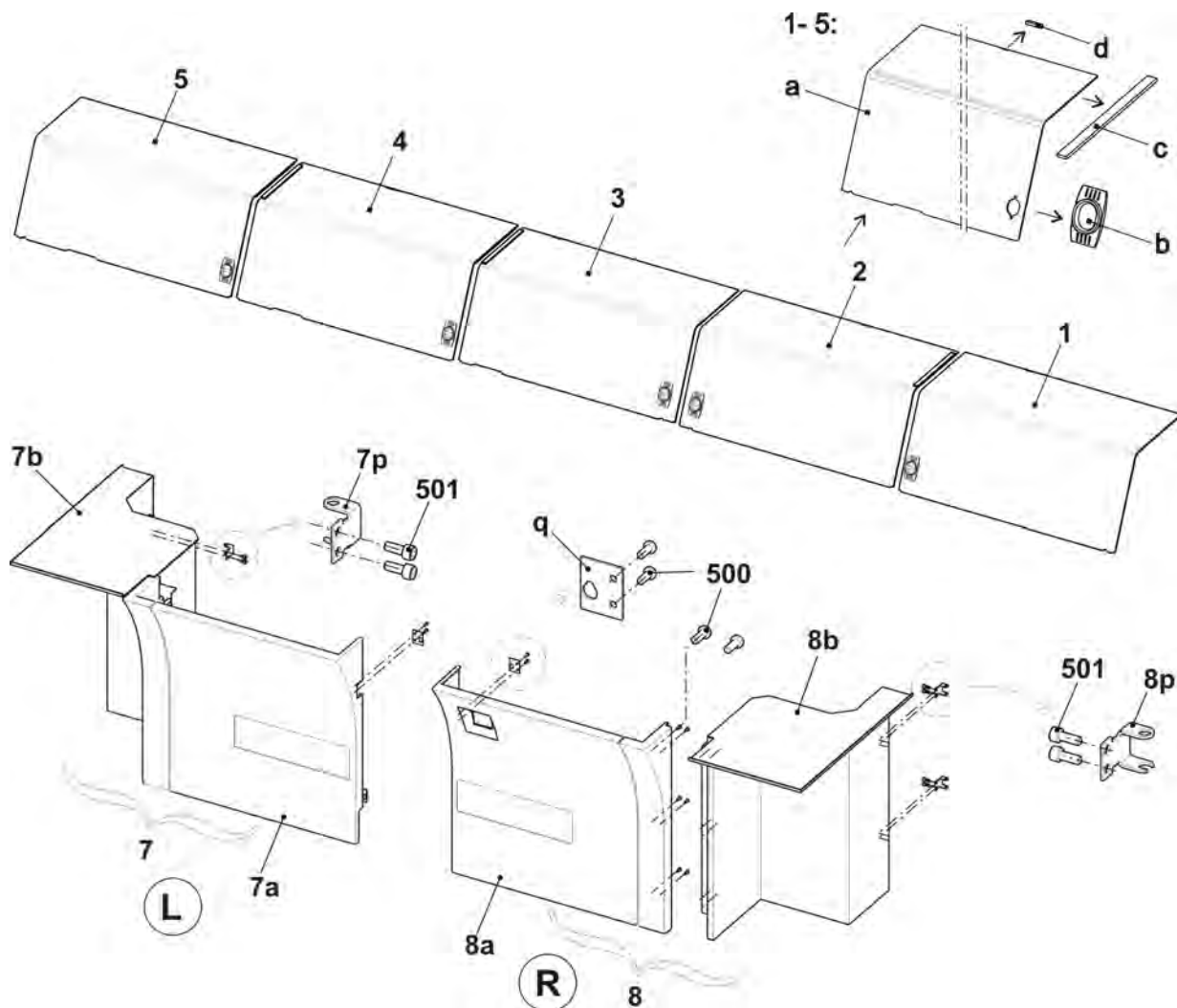
12.2 Rear panel

Pos	Designation	ID	Pos	Designation	ID
1	Panelling at the rear complete	257 716	2	Panelling at the rear complete	257 718
	1a Panelling at the rear	257 715		2a Panelling at the rear	257 717
	1b Safety sash fastener complete	243 052		2b Safety sash fastener complete	243 052

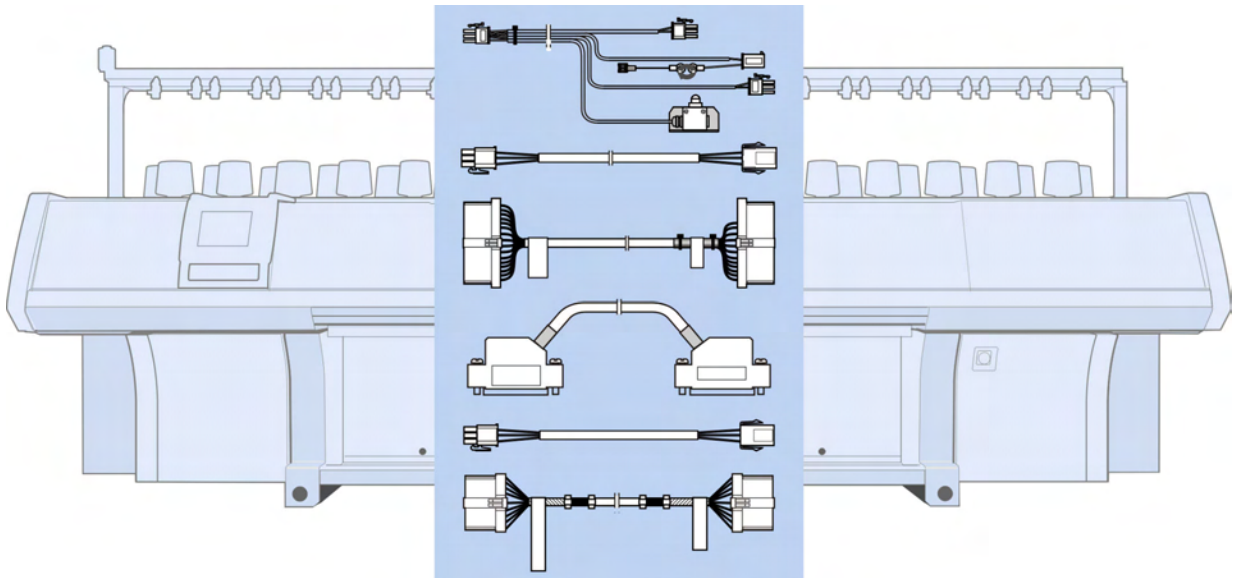


12.3 Panelling

Pos	Designation	ID	Pos	Designation	ID
1	Cover 1 (complete)	257 321	4	Cover 4 complete	257 324
	1a Cover	257 310		4a Cover 4	257 313
2	Cover 2 (complete)	257 322	5	Cover 5 complete	257 325
	2a Cover 2	257 311		5a Cover 5	257 317
3	Cover 3 (complete)	257 323	b	Inlet type handle	251 376
	3a Cover 3	257 312	c	Stripper	219 393
			d	Magnet	204 666
7	Control unit panelling on the left complete	251 161	8	Control unit panelling on the right complete	251 160
	7a Control unit panelling on the left	251 188		8a Control unit panelling on the right	251 189
	7b Side part on the left	251 162		8b Side part on the right	251 163
	7p Hinge on the left	252 890		8q Hinge on the right	252 891
7/8	q Bracket	240 412	7/8	500 Screw KB 50x12	240 359
				501 Cap screw M6x16	020 135



13 Electrical equipment



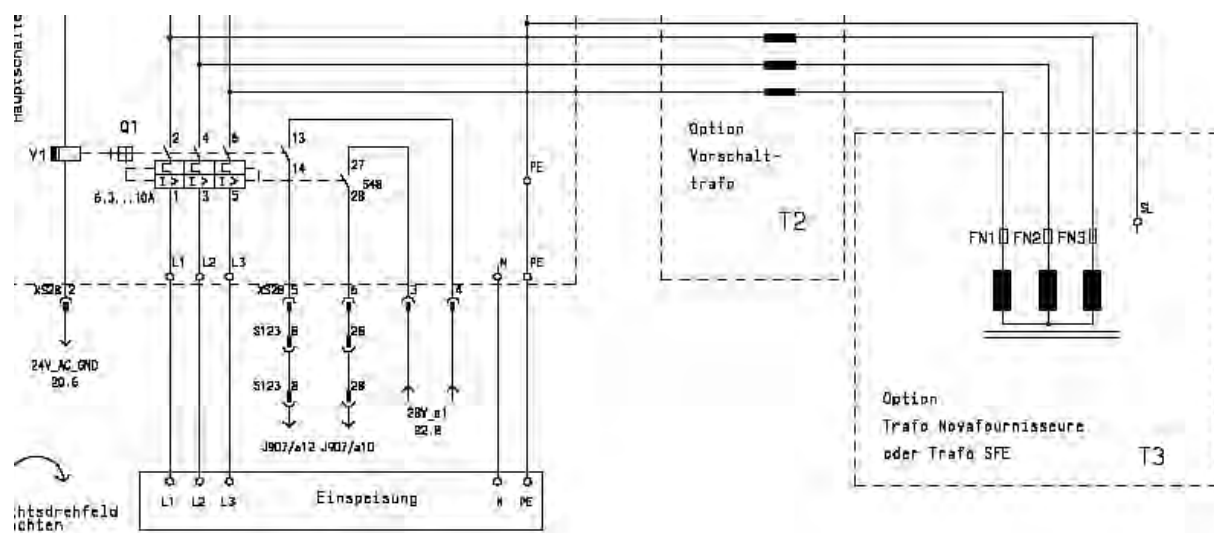
13.1 Fuses

	Designation	Id
	Fuse 1,0A F 5x20	008 748
	Fuse 3,15A T/440V 6,3x32	025 261
	Fuse 10A T/440V 6,3x32Fuse	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 6,3x32Fuse	241 866
	Fuse 12,5A T/440V 6,3x32	232 367

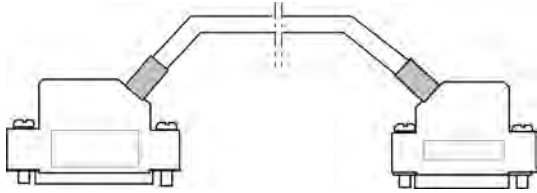
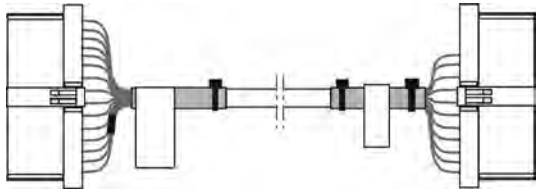
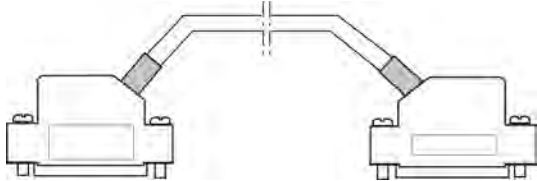
13.2 Circuit diagram (221) as PDF

Designation	ID	Marking
Circuit diagram 221 German	257 279	_DE
Circuit diagram 221 English	257 279	_GB
Circuit diagram 221 Chinese	257 279	_CN

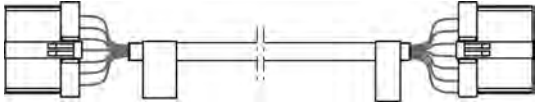
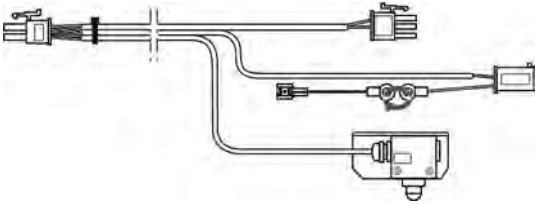
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



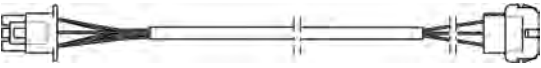
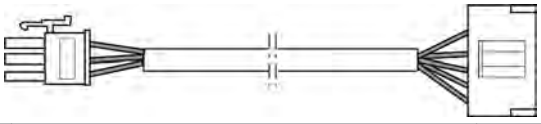
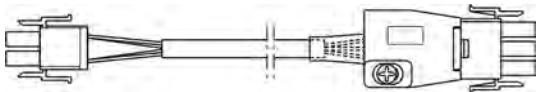
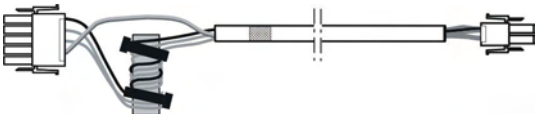
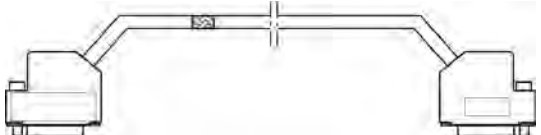
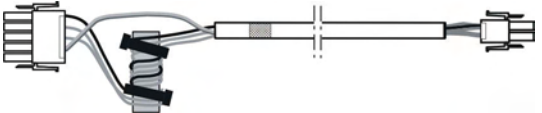
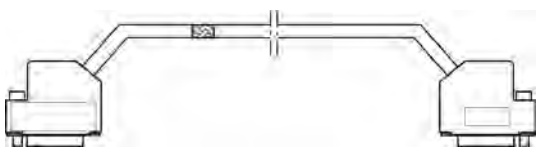
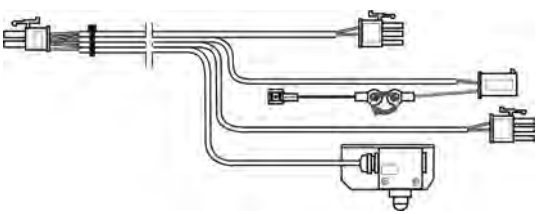
13.3 Trailing cable

Designation	ID	Designation	ID
Trailing cable set OKC 933 2IMP-2	259 305		
Cable impulse sensor 2 at the rear on the left XL138, 933 OKC3	259 371	Cable SM rear left XL321, 933 OKC	242 709
Cable impulse sensor 2 at the rear on the left XL139, 933 OKC3	259 372	Cable SM front left XL323, 933 OKC	242 711
Cable impulse sensor 2 at the rear on the left XL136, 933 OKC3	259 373	Cable SM rear right XL325, 933 OKC	242 713
Cable impulse sensor 2 at the rear on the left XL137, 933 OKC3	259 374	Cable SM front right XL327, 933 OKC	242 715
			
Cable yarn carrier on the left, 9XX OKC	242 707	Cable signal at the rear on the left XL322, 933 OKC	242 710
Cable yarn carrier on the right, 9XX OKC	242 708	Cable signal front left XL324, 933 OKC	242 712
		Cable signal at the rear on the right XL326, 933 OKC	242 714
		Cable signal front right XL328, 933 OKC	242 716
			

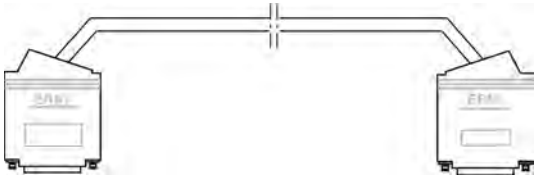
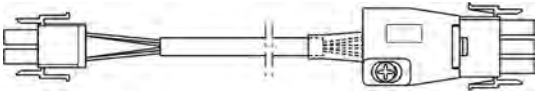
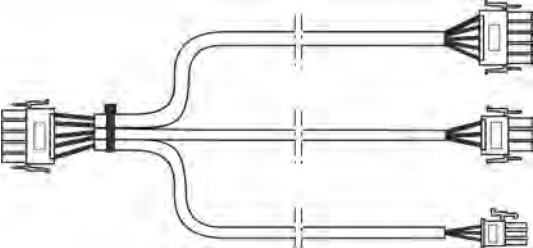
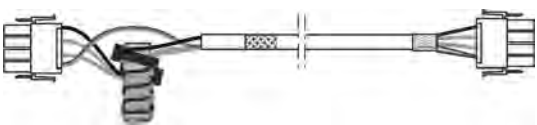
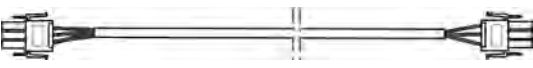
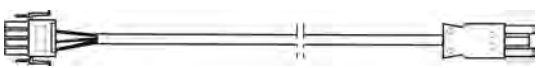
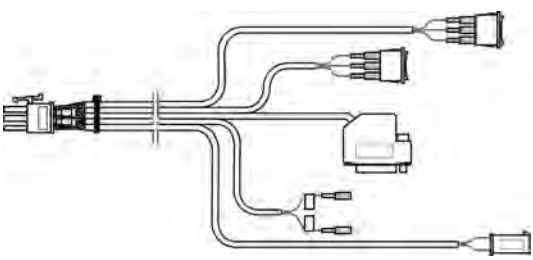
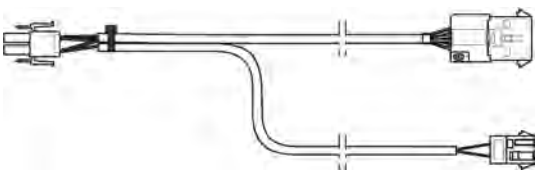
13.4 Loom of cables 1

Pos	Designation	ID	Pos	Designation	ID
Σ	Loom of cables 1 OKC 9XX	242 502			
1	Cable Engaging rod 9XX OKC	242 505	2	Cable supply FKE lamp 9XX OKC	242 506
					
3	Cable protective device on the left 9XX OKC	253 616			
					

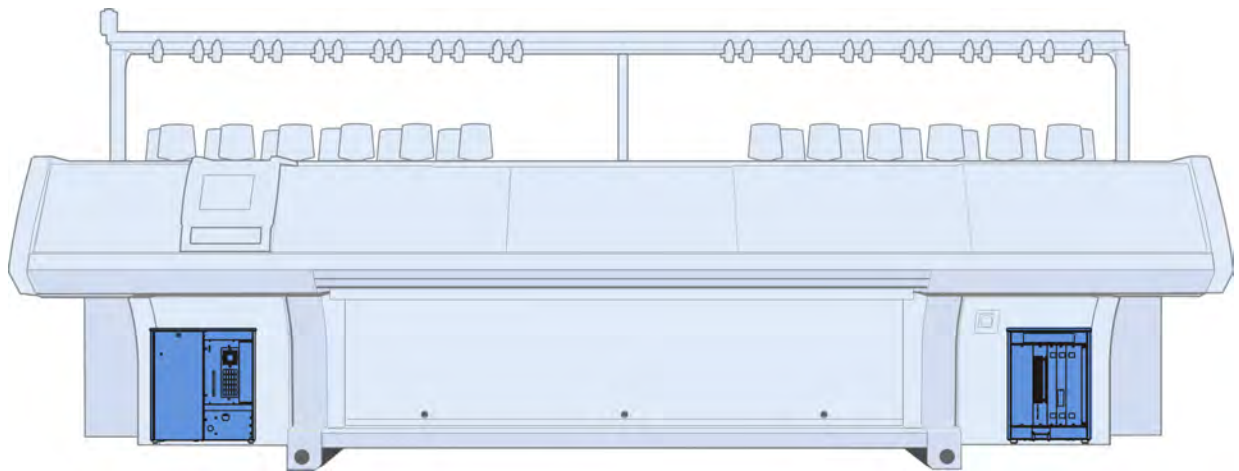
13.5 Loom of cables 2

Pos	Designation	ID	Pos	Designation	ID
Σ	Loom of cables 2 OKC 9XX	242 503			
1	Cable motor HIAB pressure roller96" OKC	242 508	2	Cable impulse sensor pressure roller96" OKC	242 509
					
3	Cable racking limit switch 9XX OKC	242 510	4	Cable fan drive 9XX OKC	242 511
					
5	Cable Feed wheel on the right 96" OKC	242 512	6	Cable drive motor 9XX OKC	242 513
					
7	Cable resolver drive 9XX OKC	242 514	8	Cable racking motor 9XX OKC	242 515
					
9	Cable resolver racking 9XX OKC	242 516	10	Cable protective device on the right 9XX OKC	253 615
					
11	Cable fabric sensorOKC	242 518			
					

13.6 Loom of cables 3

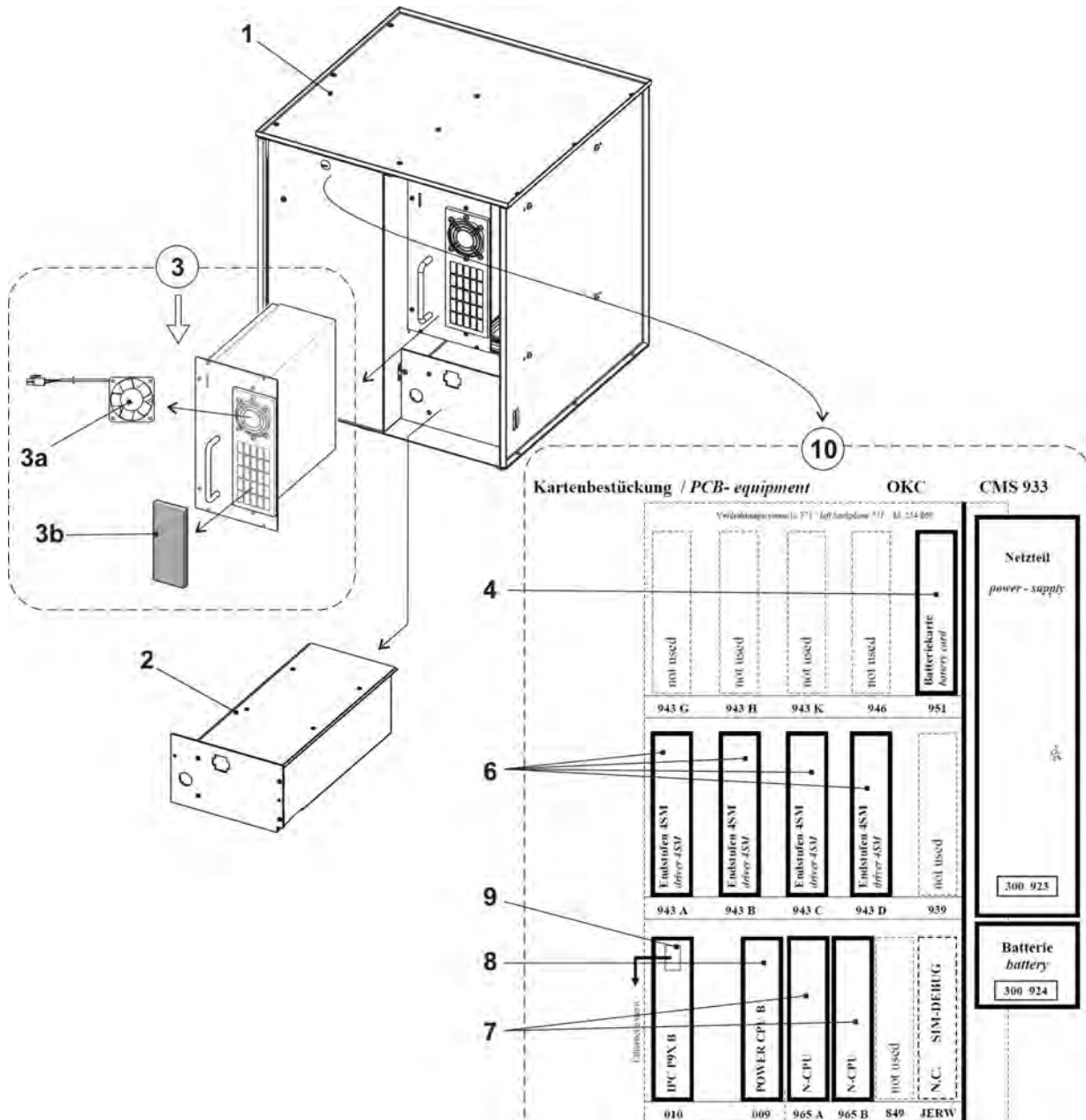
Pos	Designation	ID	Pos	Designation	ID
Σ	Loom of cables 3 96" OKC	242 504			
1	Cable CAN 96" OKC	242 522	2	Cable Electro 96" OKC	242 523
					
3	Cable feed wheel on the left 96" OKC	242 524	4	Cable motor HAAB 9XX OKC	242 521
					
5	Cable switch HAAB 96" OKC	242 520	6	Cable power supply WAZ/F 96" OKC	242 765
					
7	Cable power supply Servo 96" OKC	242 766	8	Cable power supply unit of mains supply 96" OKC	242 767
					
9	Cable power supply lighting 96" OKC	242 768	10	Cable motor HIAB96" OKC	242 525
					
11	Cable impulse sensor HIAB96" OKC	242 526	12	Cable impulse sensor HAAB 96" OKC	242 519
					
13	Cable power supply FLENT 96" OKC	251 232			
					

14 Control electronics



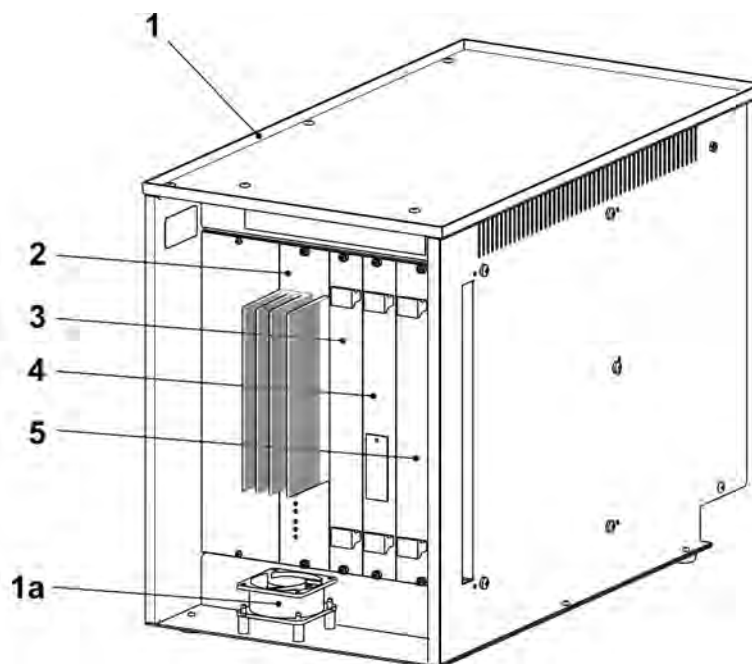
14.1 Left control cabinet

Pos	Designation	ID	Pos	Designation	ID
Σ	Control unit on the left complete 933 5/6 Zoll	254 860	4	Card battery OKC	300 951
1	Control unit on the left without any equipment	254 868	6	Card final stages 4SM 7TE	300 943
2	Battery plug-in unit	300 924	7	Card N-CPU 432	300 965
3	Power supply unit CG54	300 923	8	Card Power CPU B	301 009
3a	Fan power supply unit	239 305	9	Spare parts package IPC P9X S 01	264 480
3b	Filter pad CG54	239 350	10	Adhesive label of card equipment on the left	254 861

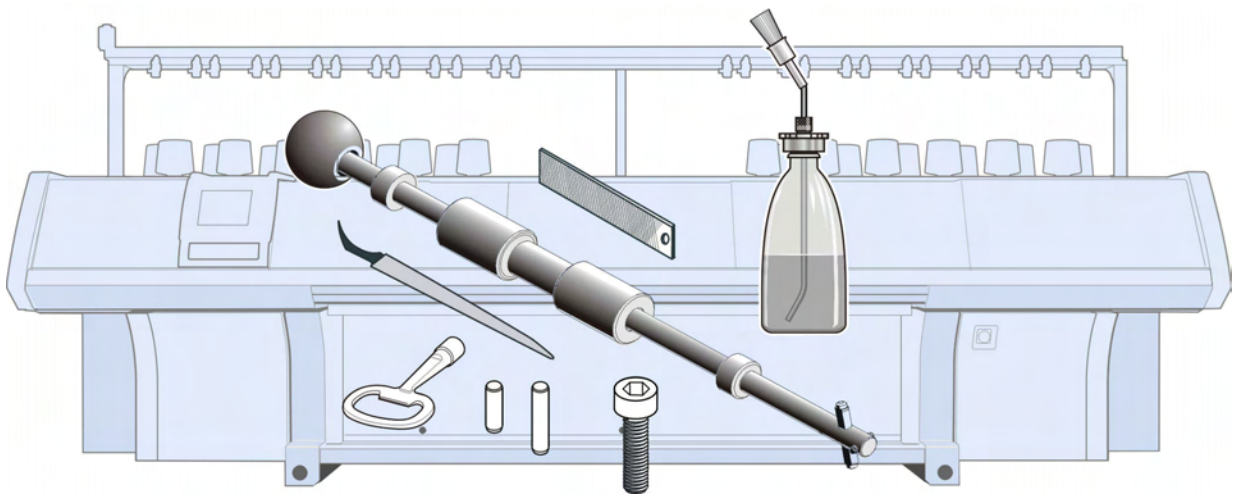


14.2 Right control cabinet

Pos	Designation	Id	Pos	Designation	Id
Σ	Control unit on the right complete OKC	238 738			
1	Control unit on the right without any equipment	238 737	3	Card relay okc	300 953
1a	Axial flow fan Servo 5	229 059	4	Card CWAZ	300 929
2	Card Servo 6	301 000	5	Capacitor card CWAZ	300 936



15 Deliverable accessories



You can order the following tools, lubricants and expendables.

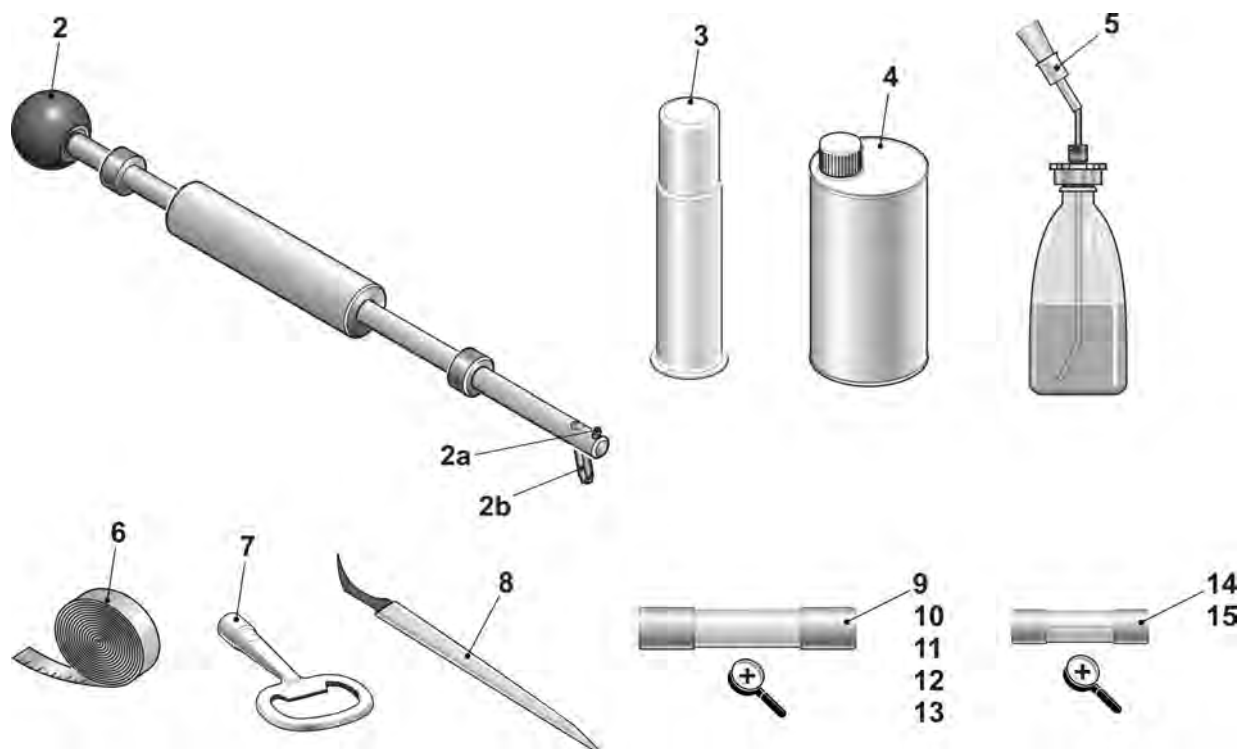
The following list does not correspond to the scope of delivery of the knitting machine.

15.1 Fuses

	Designation	ID
	Micro fuse F1,0 A	008 748
	Fuse 3, 15 A T/440V 6,3x3,2Fuse	025 261
	Fuse 10 A T/440V 6,3x3,2Fuse	025 258
	Fuse 2,5 A T/440V 6,3x3,2Fuse	217 465
	Fuse 1,6 A T/440V 6,3x3,2Fuse	236 229
	Fuse 6,3 A T/440V 6,3x3,2Fuse	026 809
	Fuse 8 A T/440V 6,3x3,2Fuse	241 866
	Fuse 12,5 A TT 6,3x3,2Fuse	232 367

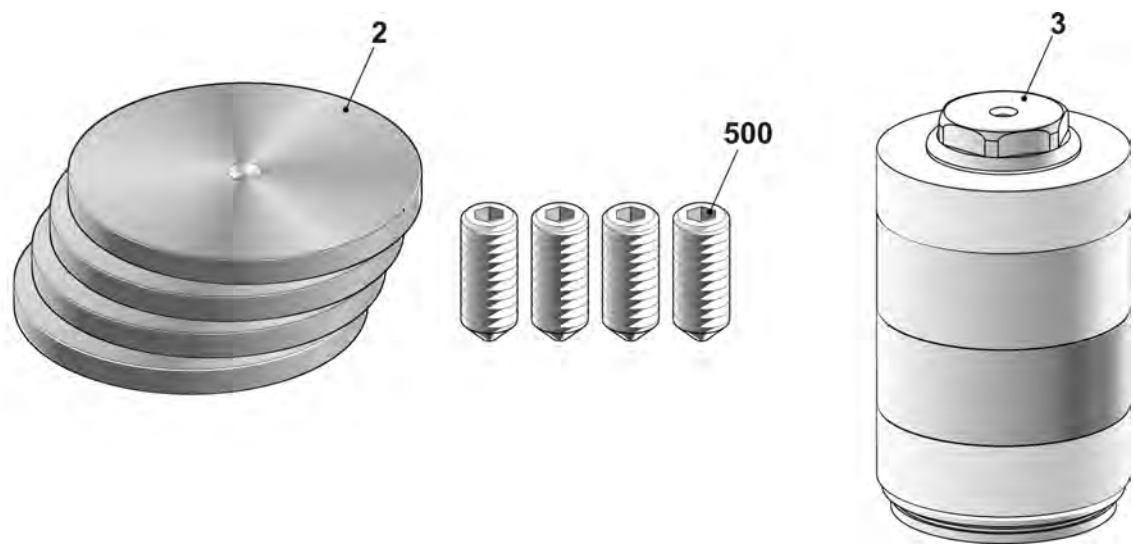
15.2 Accessories part 1

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

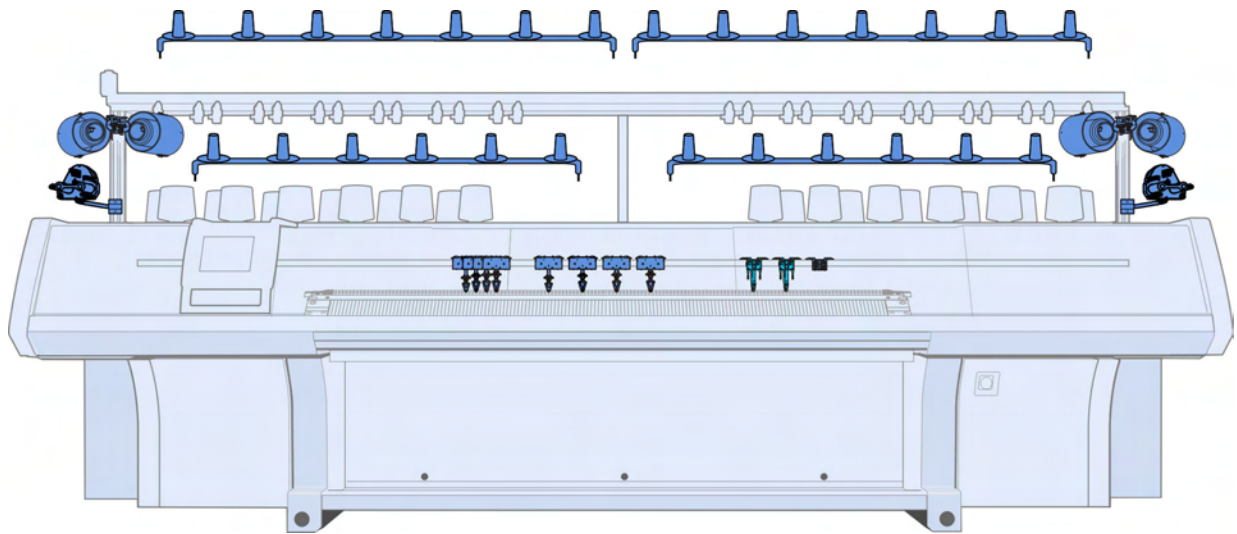


15.3 Accessories part 2

Pos	Designation	Id	Pos	Designation	Id
Σ	Accessories standard part 2	265 183	3	Signal lightLED	240 395
2	Shim	056 569	500	Setscrew M16x40	244 061

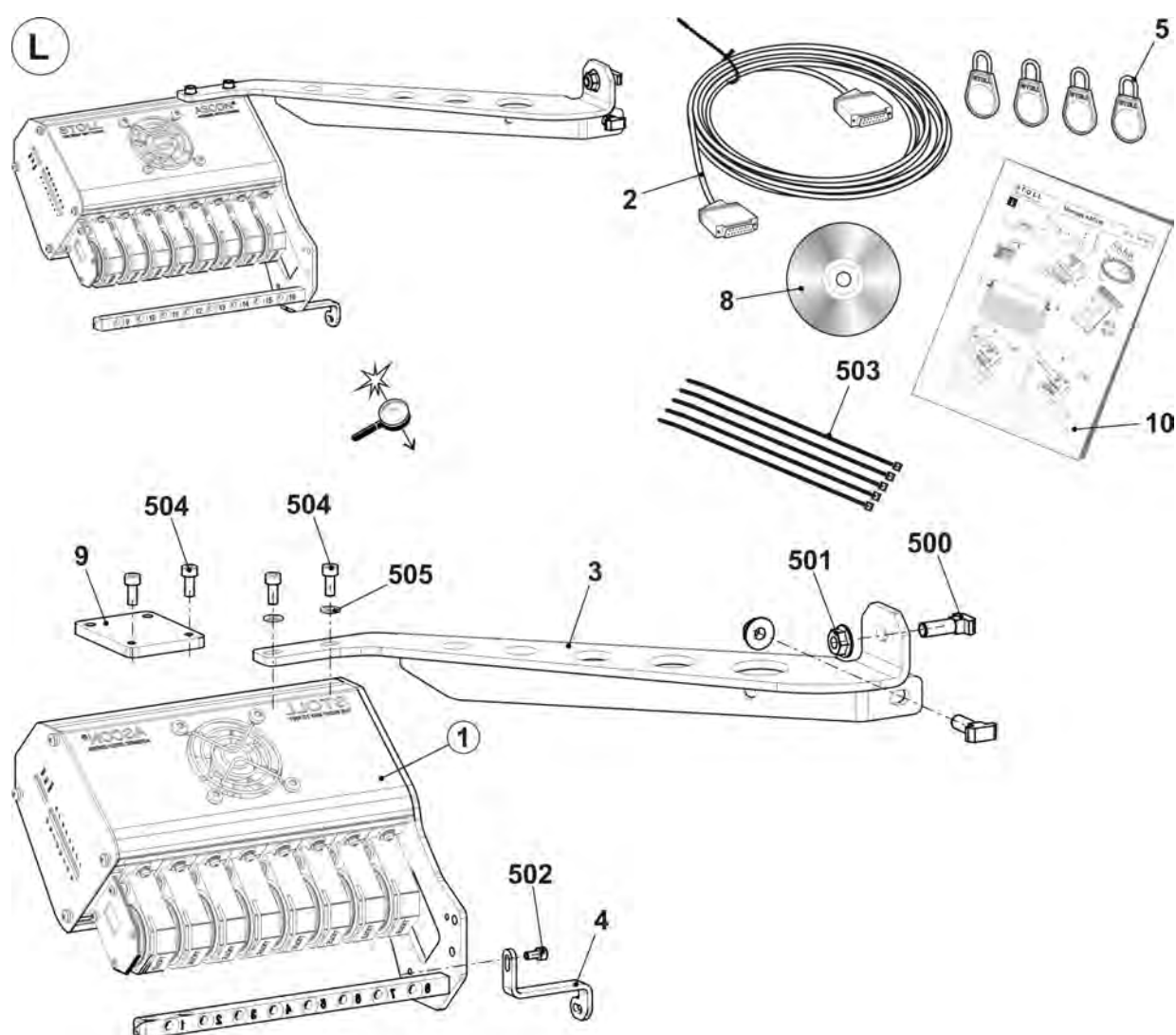


16 Special attachments



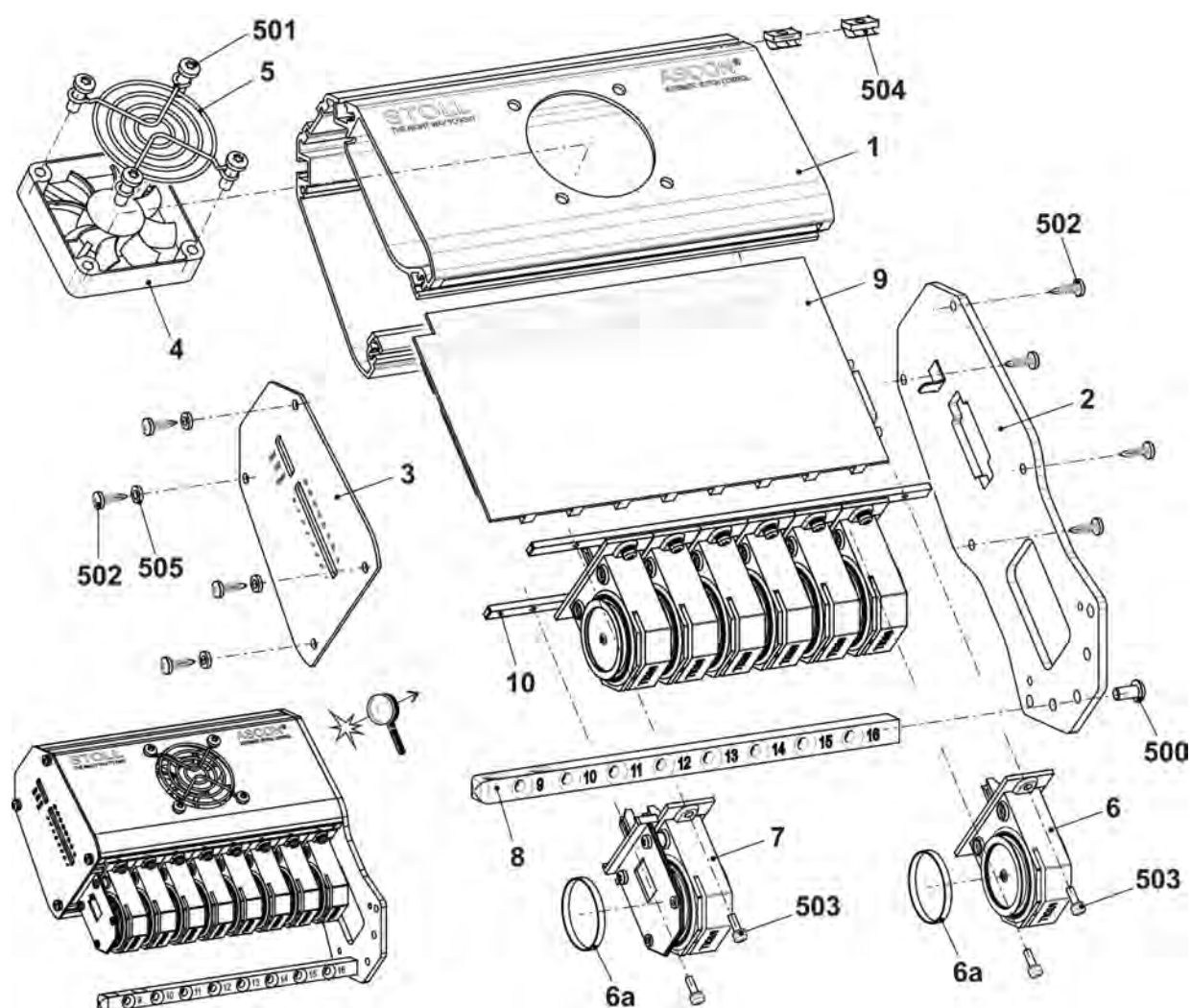
16.1 Yarn length measuring device on the left complete CMS 933

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn length measuring device on the left complete	257 903			
1	Yarn length measuring device on the left complete	257 283	10	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support on the left	257 857	501	Serrated nut M8-10	023 026
4	Connecting lug on the left	257 137	502	Cap screw M4x8	022 501
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



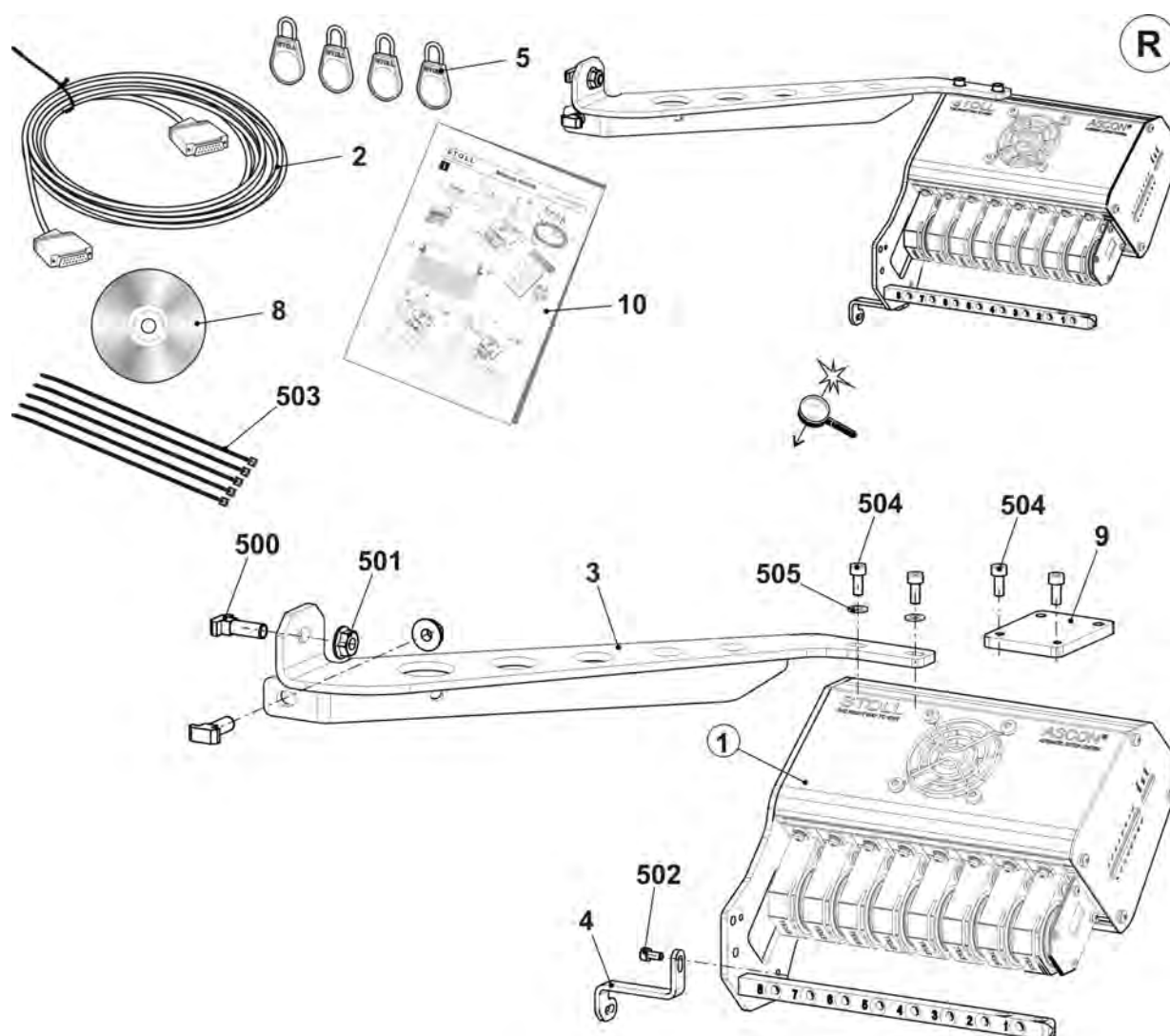
16.1.1 Yarn length measuring device

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



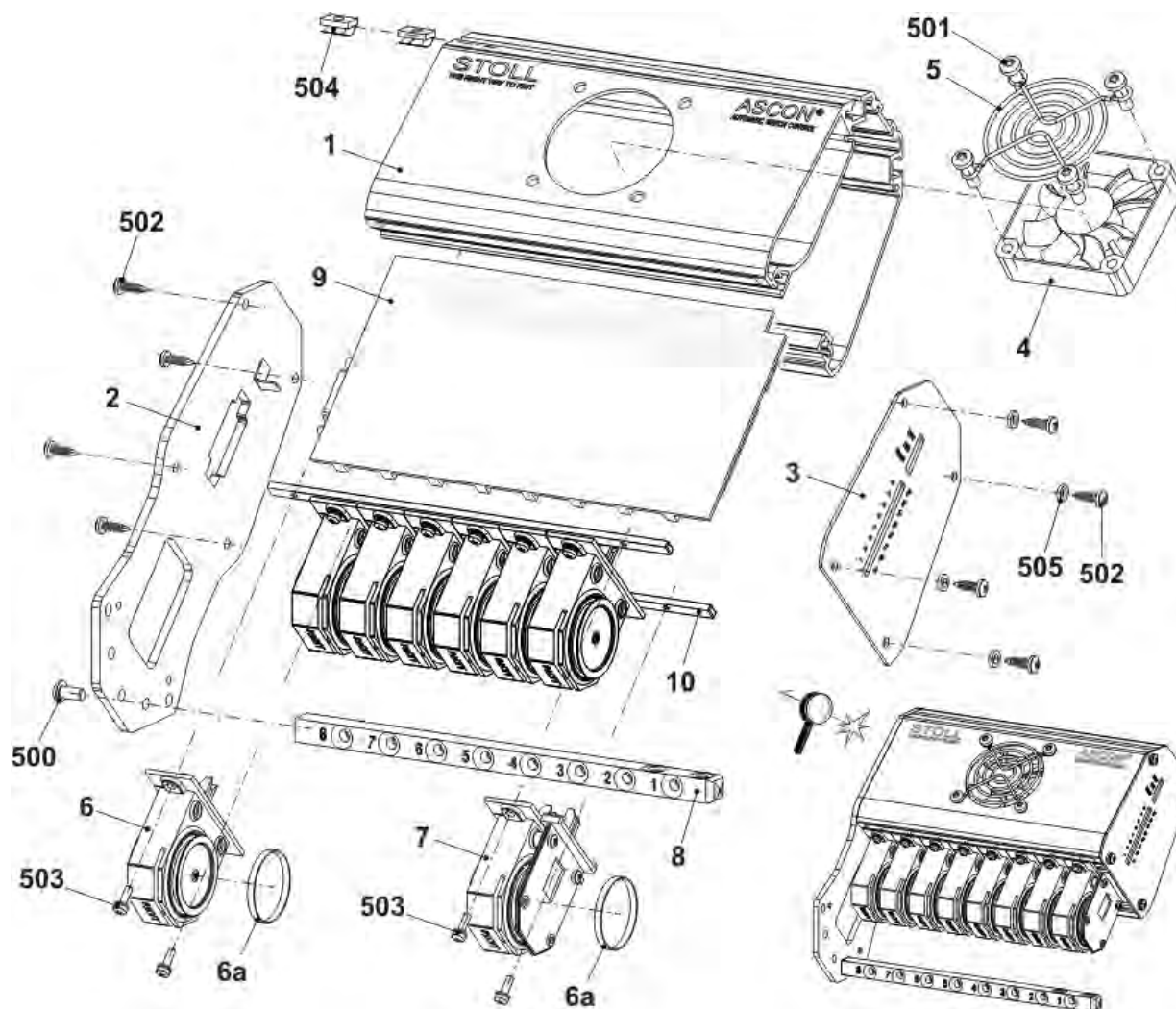
16.2 Yarn length measuring device on the right complete CMS 933

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn length measuring device on the right complete	257 904			
1	Yarn length measuring device on the right complete	257 282	10	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support right	257 856	501	Serrated nut M8-10	023 026
4	Connecting lug on the right	257 136	502	Cap screw M4x8	022 501
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



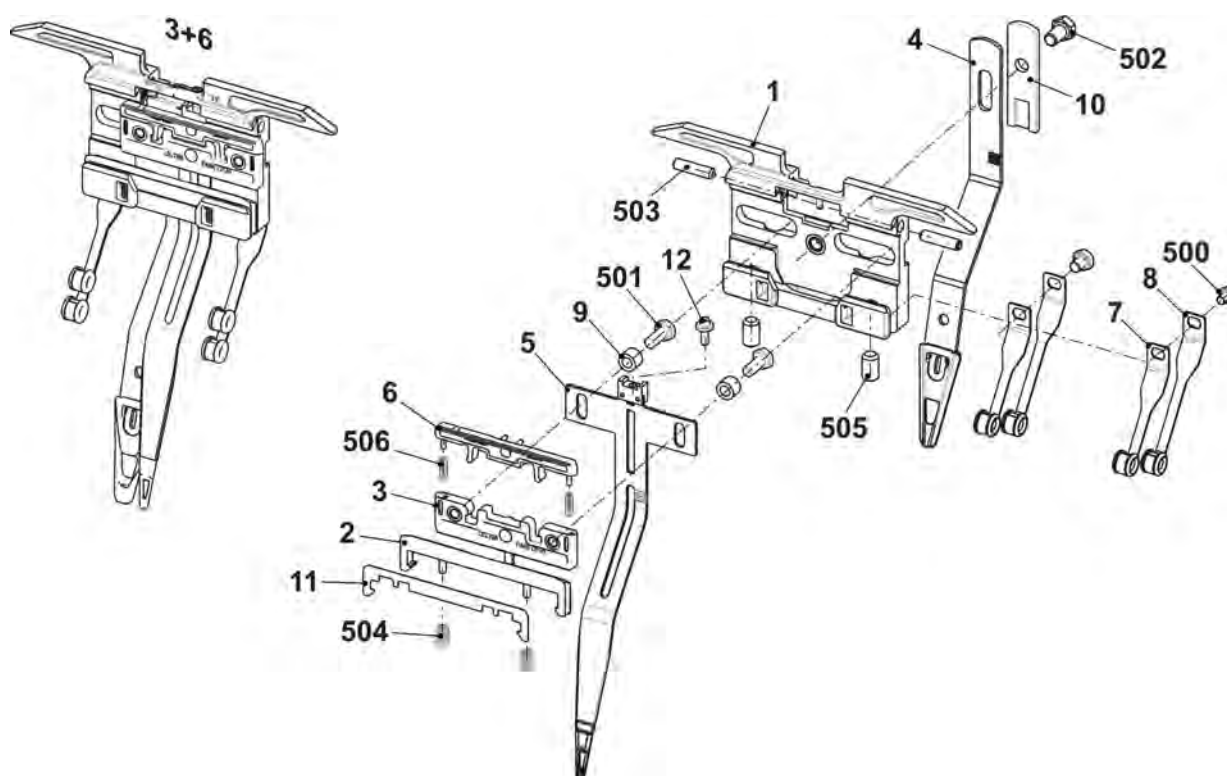
16.2.1 Yarn length measuring device on the right

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



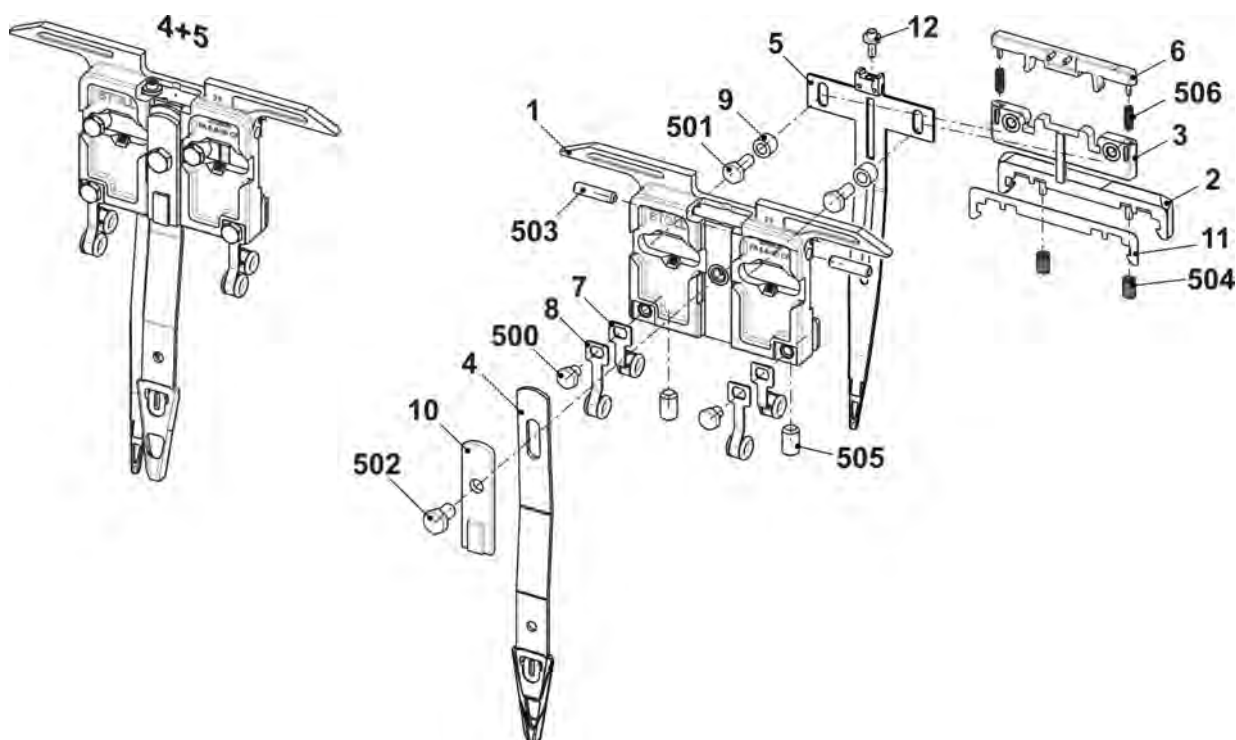
16.3 Plating yarn carrier 3+6

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 screw M4x5	243 779
4	Plating yarn carrier bow 3+6		501	Hexagon screw M4x10	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



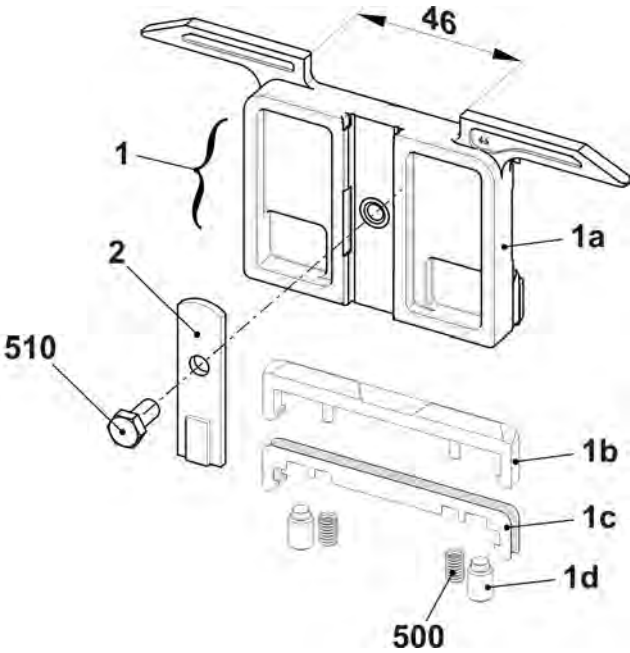
16.4 Plating yarn carrier 4+5

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



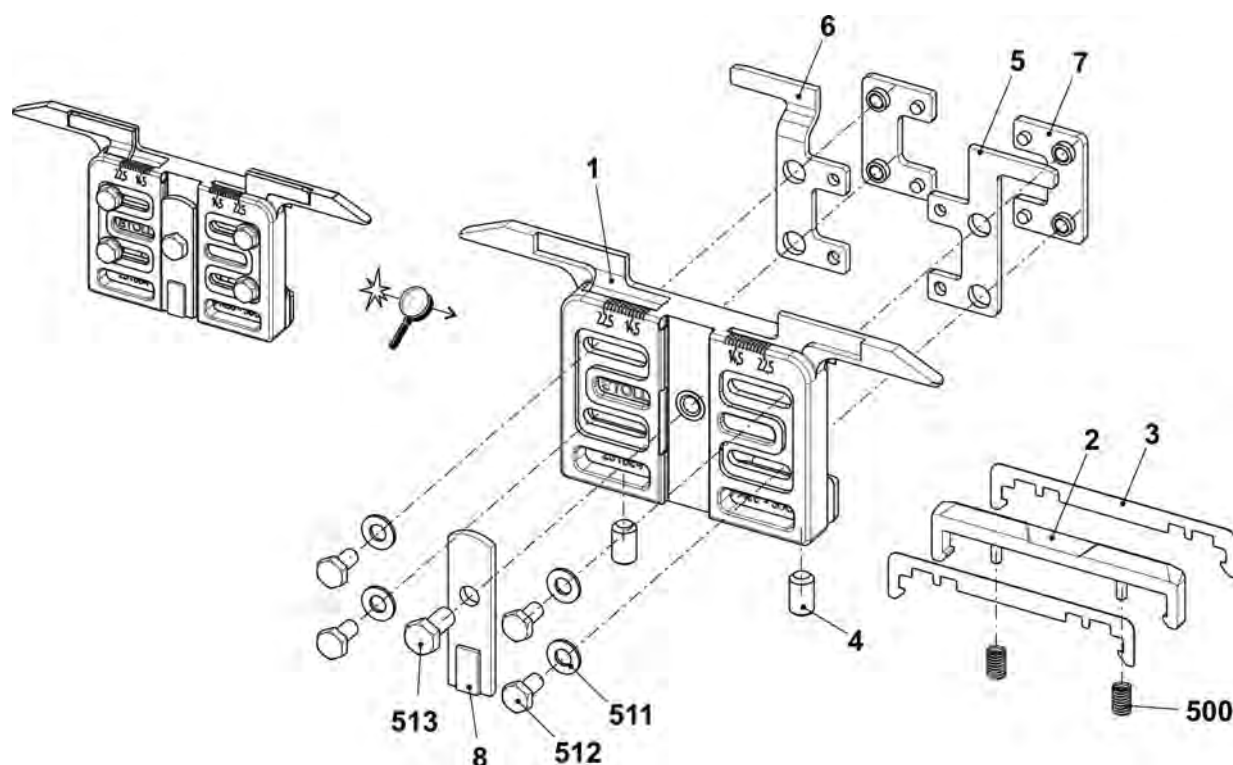
16.5 Carriage of plating yarn carrier EW46

Pos	Designation		Id	Pos	Designation		Id
Σ	Plating FF carriage complete E5-18		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



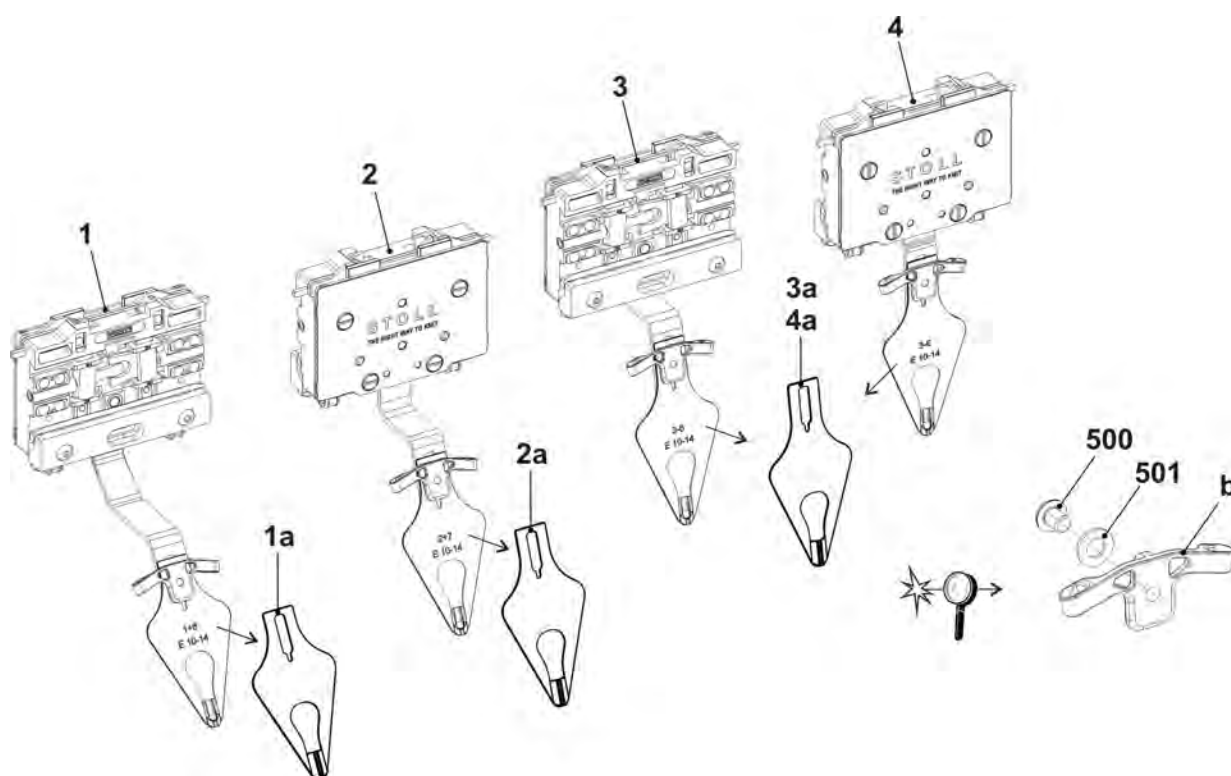
16.6 Carriage of plating yarn carrier (adjustable)

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



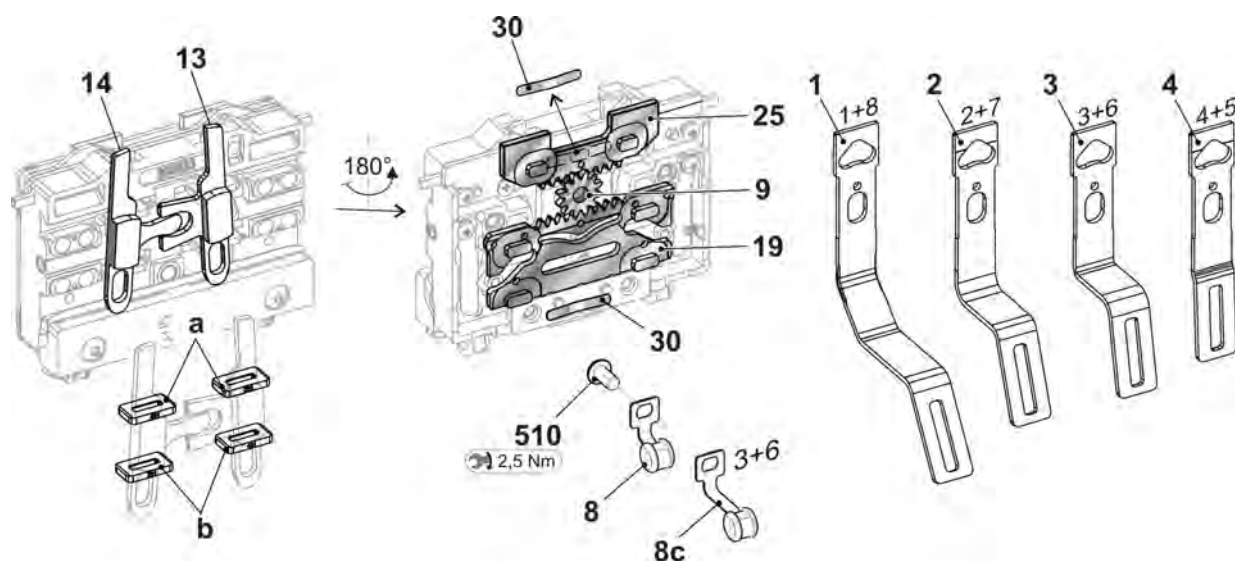
16.7 Intarsia yarn carrier type 2, Overview

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			



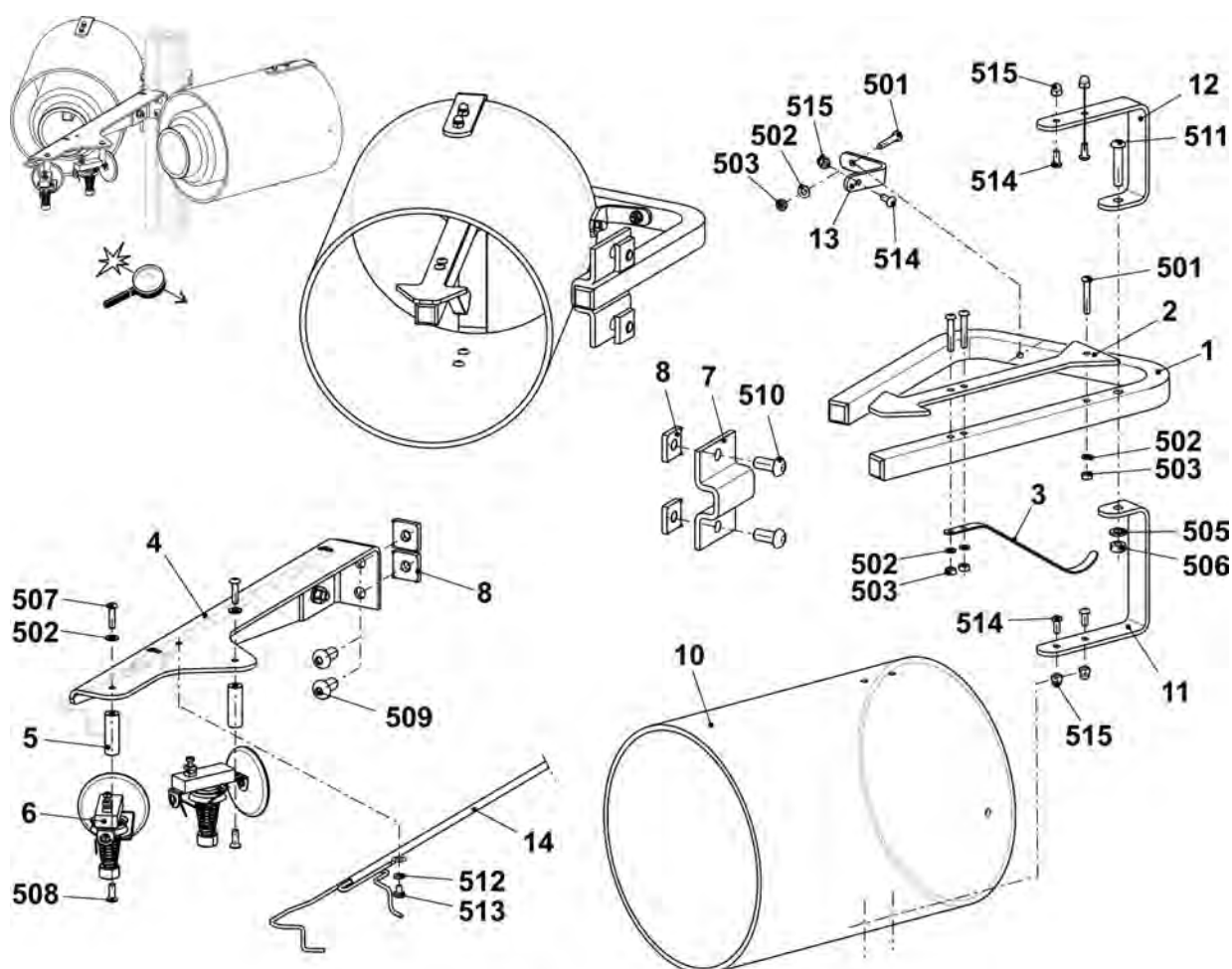
16.7.1 Continuation Intarsia yarn carrier type 2

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			



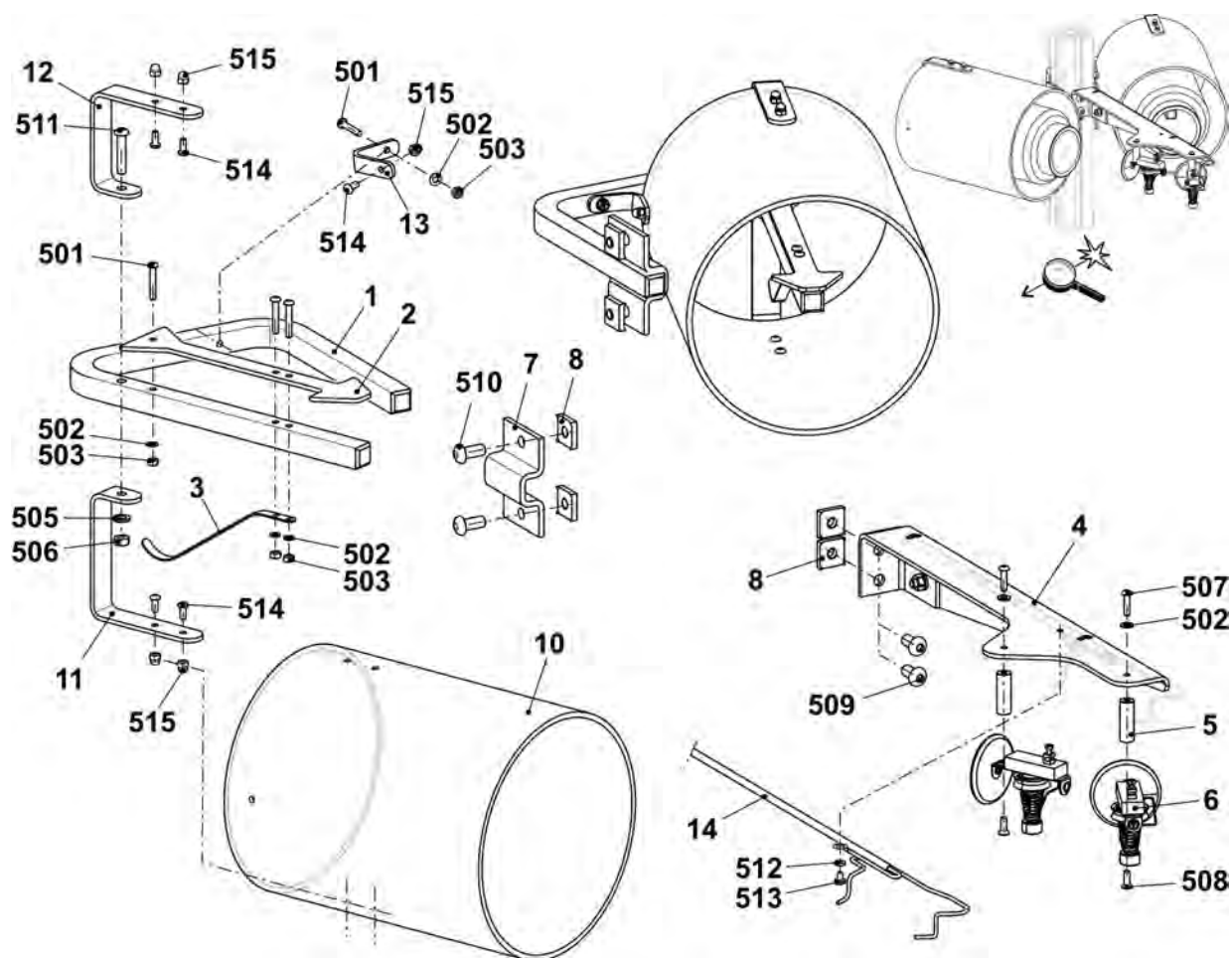
16.8 Bobbin holder on the left

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



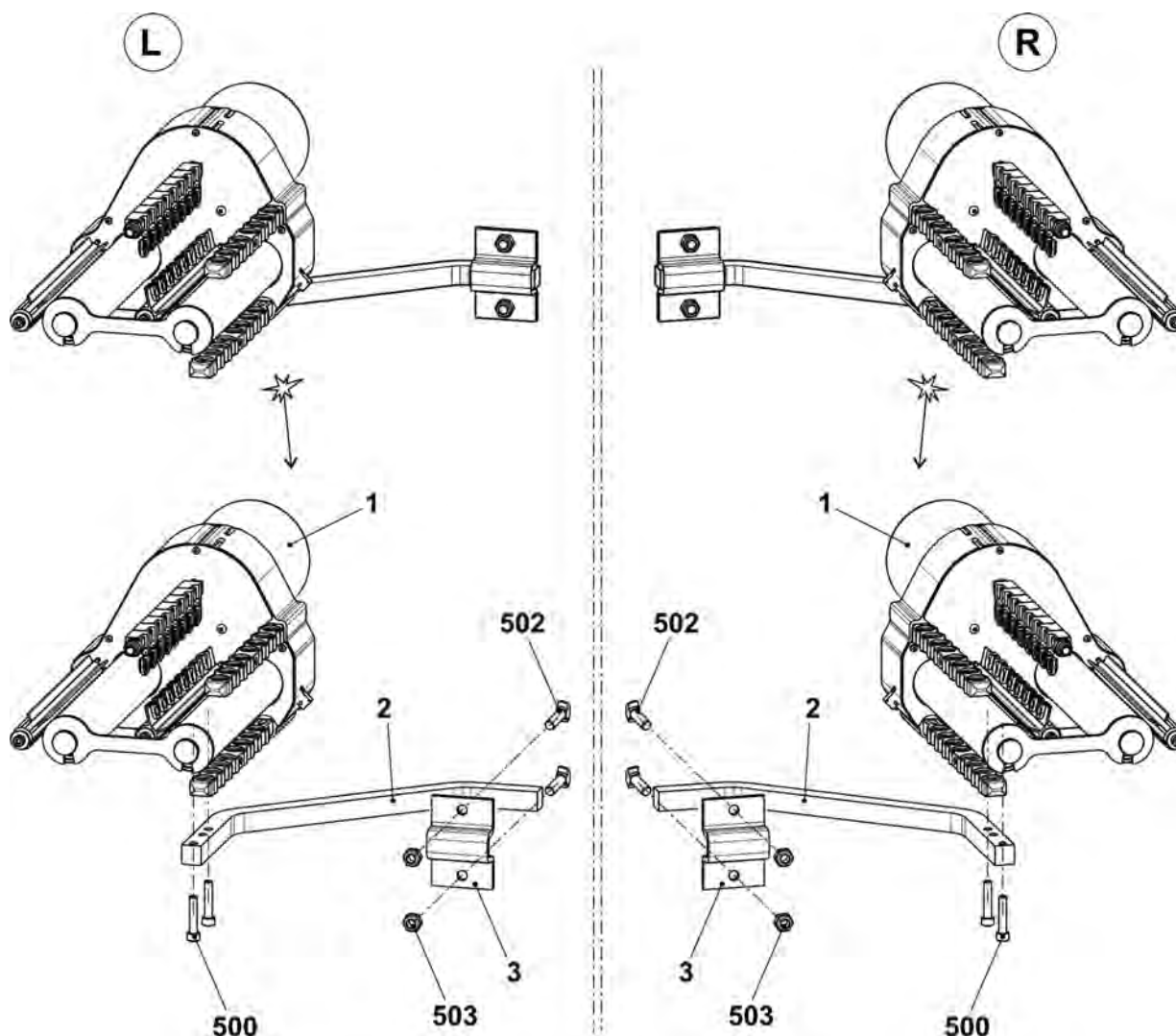
16.9 Bobbin holder on the right

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



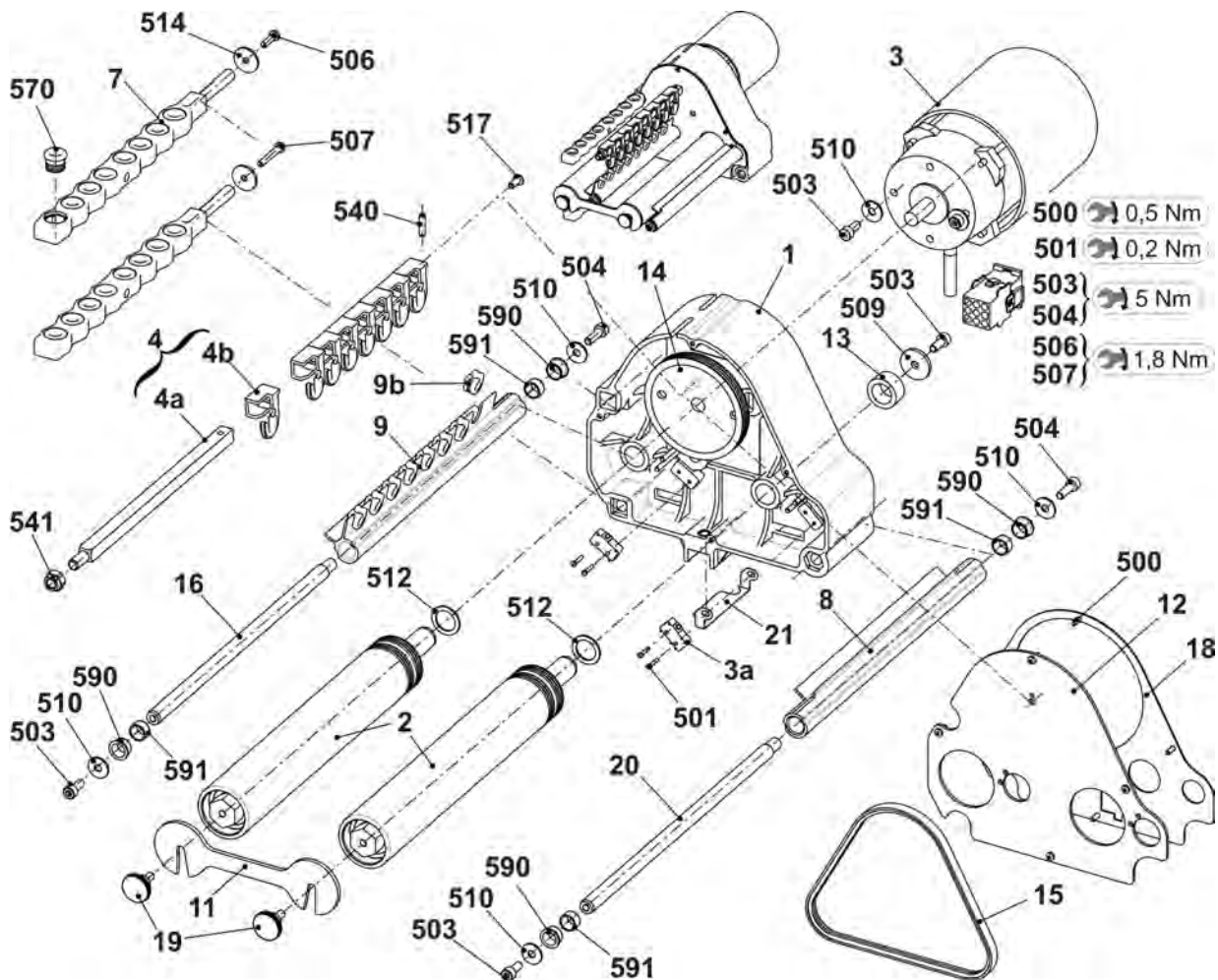
16.10 Friction feed wheel on the left and on the right complete

Pos	Designation	ID	Pos	Designation	ID
ΣL	Friction feed wheel on the left complete933	243 767	ΣR	Friction feed wheel on the right complete933	243 768
1	Friction feed wheel on the left	243 571	1	Friction feed wheel on the right	243 572
2	Support	223 030	2	Support	223 030
3	Clamp	228 583	3	Clamp	228 583
500	Cap screw M6x30	020 138	500	Cap screw M6x30	020 138
502	T-head bolt M8x25	022 866	502	T-head bolt M8x25	022 866
503	Hexagon nut M8	022 843	503	Hexagon nut M8	022 843



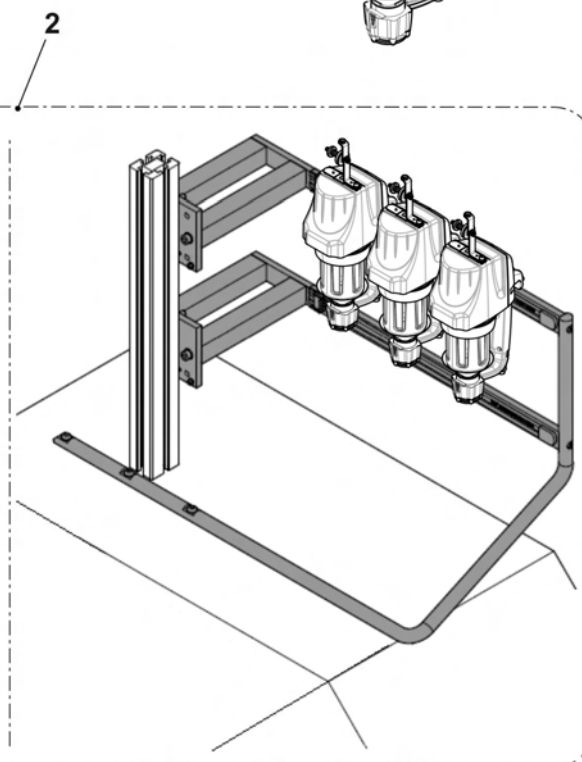
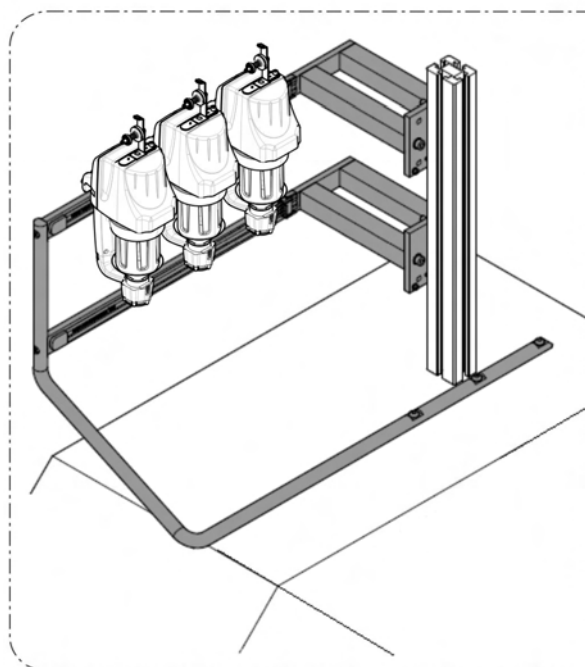
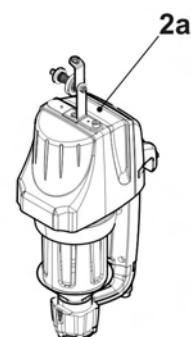
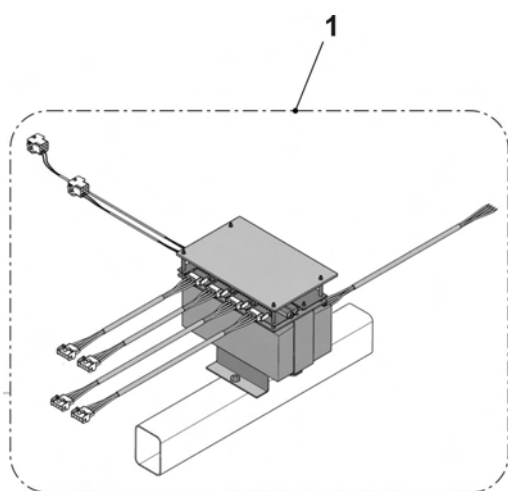
16.10.2 Right friction feed wheel

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel on the right complete	243 572	13	Bush	221 391
1	Housing	240 368	14	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 4x15	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	507	Screw KB 40x25	241 595
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 4,3	020 908
12	Cover	251 098	517	Pan-head screw M4x8	023 579



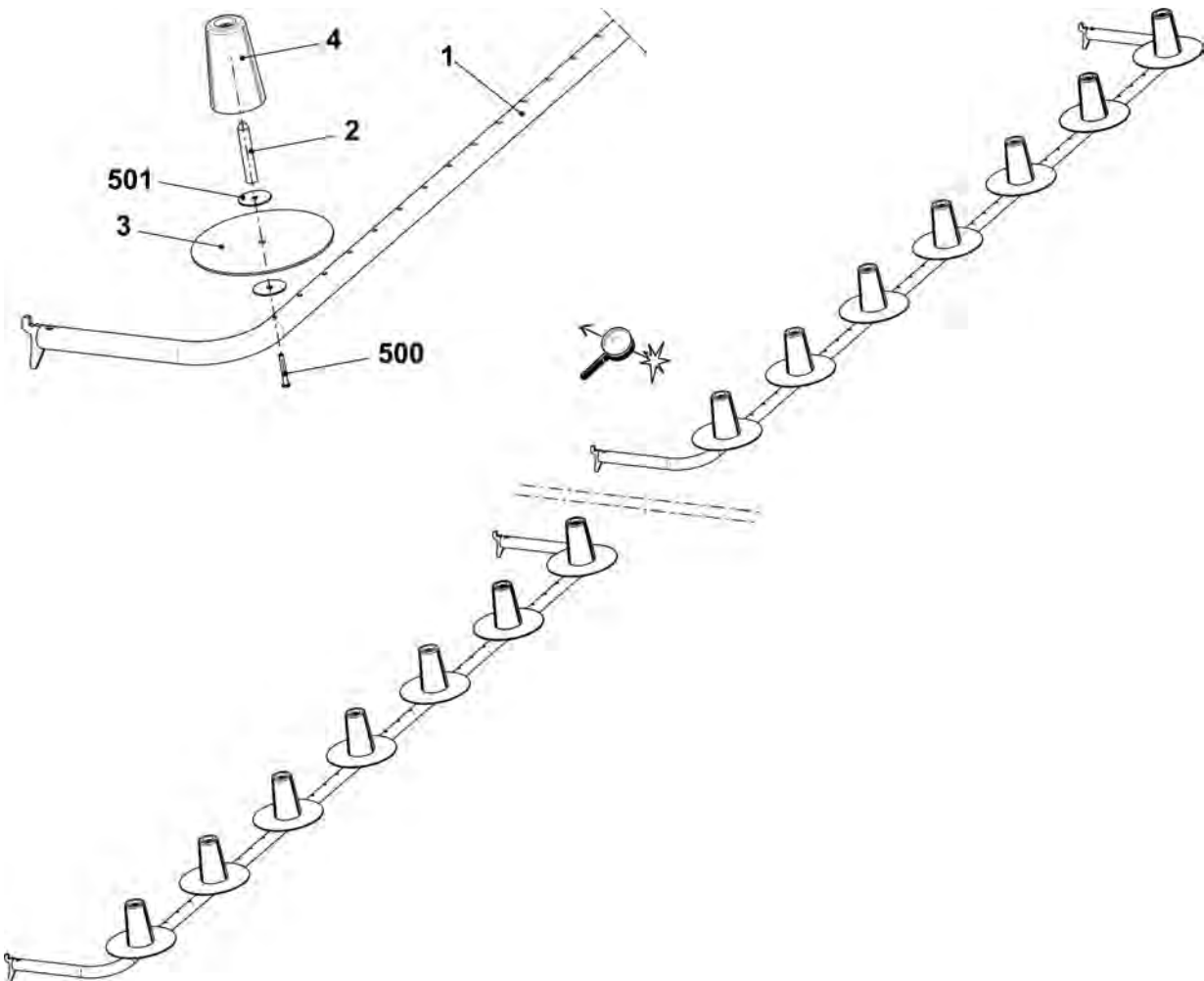
16.11 Storage feed wheel MSF-3

Pos	Designation	ID	Note
Σ	Assembly kit storage feed wheel MSF-3	259 576	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	Transformer MSF-3 with cable	259 611	
2	Assembly kit MSF-3 without transformer 933	259 614	
2a	Storage feed wheel MSF-3	259 604	



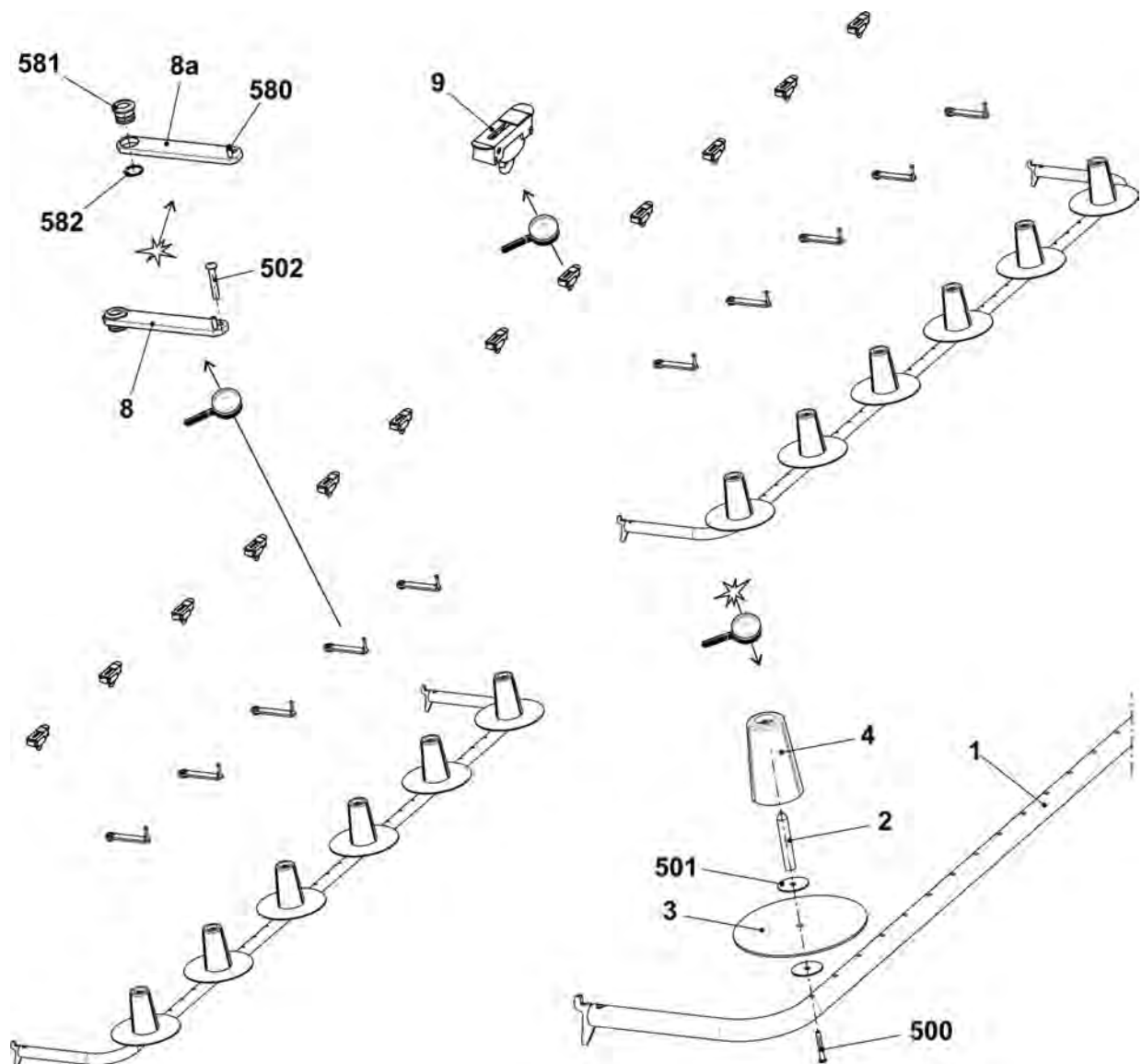
16.12 Additional bobbin board

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional bobbin board	242 742			
1	Additional bobbin board welded	242 741	4	Bobbin support	200 363
2	Positioning pin	202 777	500	Pan-head screw M4x30	023 681
3	Diskø130	062 385	501	Washer 5,3x30x1,25	023 556



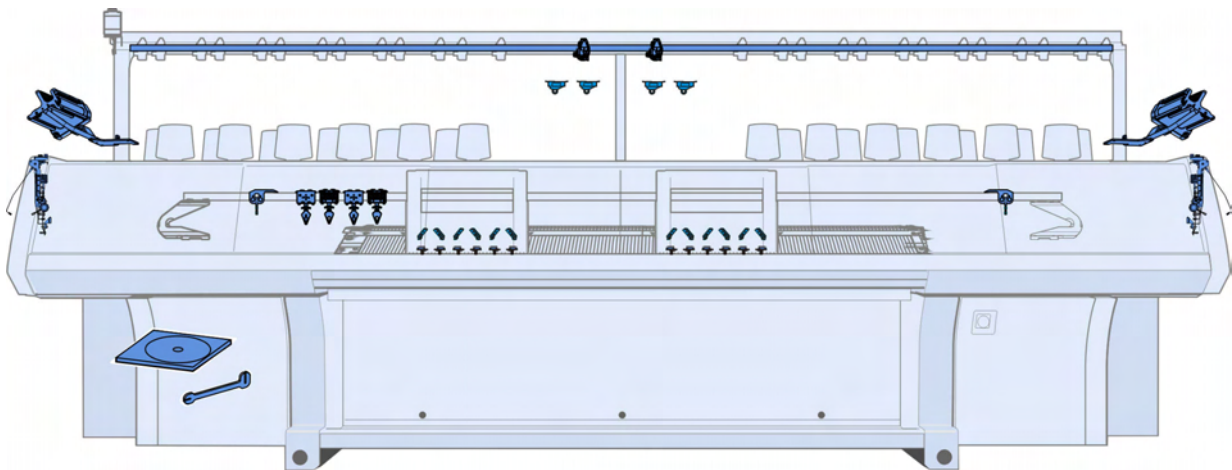
16.13 Additional board at the bottom

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional board 9XX at the bottom	253 647	502	Pan-head screw M4x25	023 511
1	Additional bobbin board welded	253 503	8	Yarn guide	243 765
2	Positioning pin	202 777	8a	Guide part	243 623
3	Diskø130	062 385	580	Dowel pin 3x12	020 647
4	Bobbin support	200 363	581	Eyelet 8	021 504
500	Pan-head screw M4x30	023 681	582	Snap ring A12	020 996
501	Washer 5,3x30x1,25	023 556	9	Yarn guide bracket complete	241 581



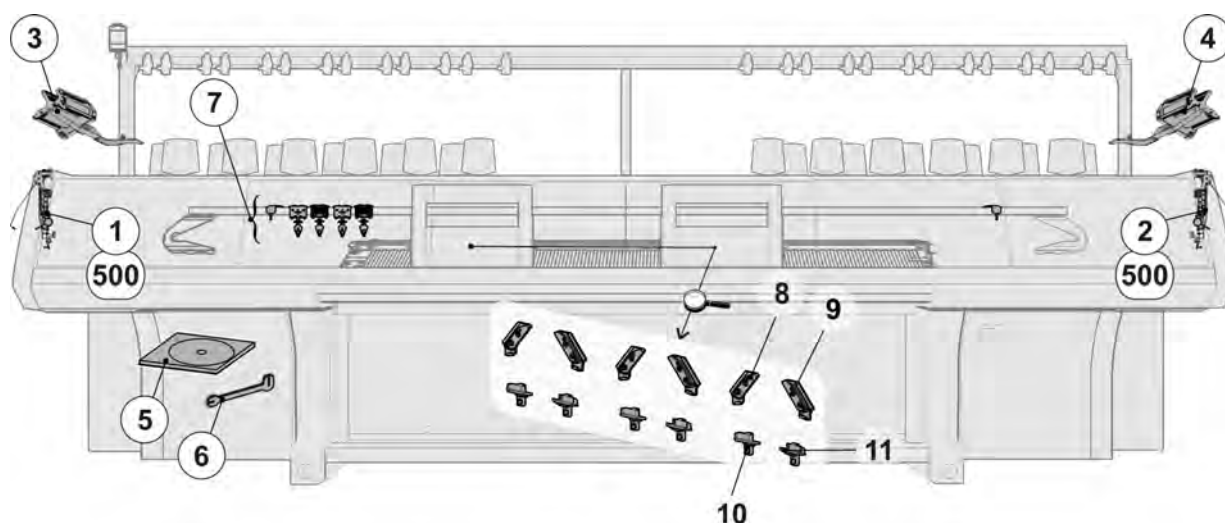
17 Conversion kit with 24 and 32 IFF

	Designation	ID
24 IFF	Conversion kit 24 IFF E5	257 620
	Conversion kit 24 IFF E7-8	257 621
32 IFF	Conversion kit 32 IFF E5	257 582
	Conversion kit 32 IFF E7-8	257 583



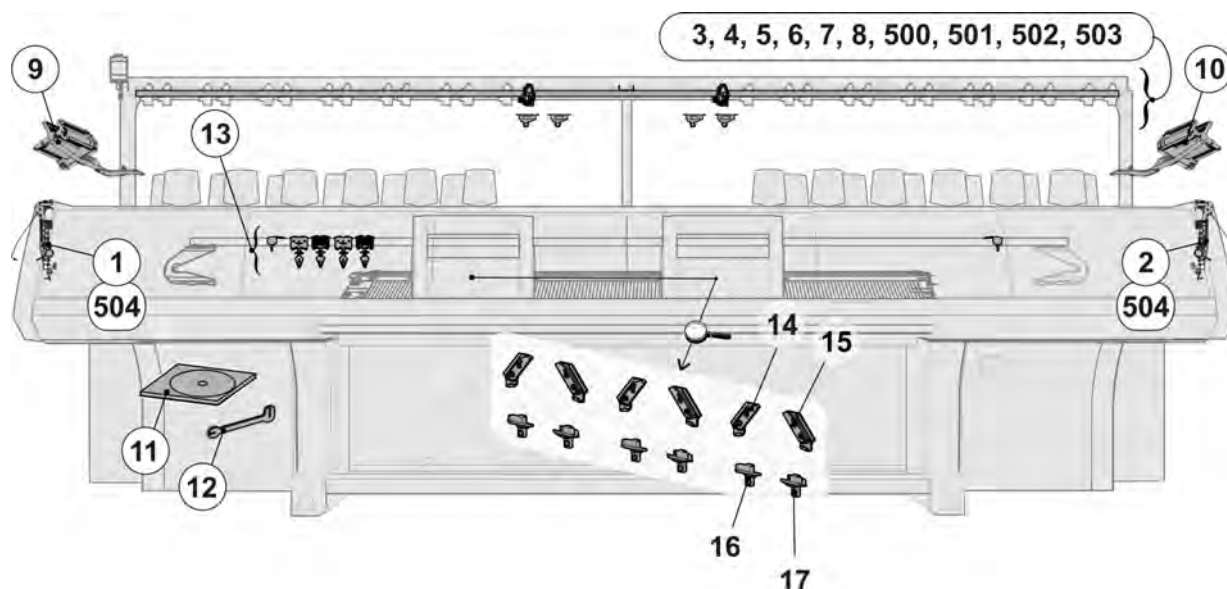
17.1 Overview of conversion kit with 24 and 32 IFF E5

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 24 IFF E5	257 620			
	Conversion kit 32 IFF E5	257 582	7	Yarn guide complete E5 IFF 24	256 934
1	Yarn tensioner on the left complete E5	244 498		Yarn guide complete E5 IFF 32	245 161
2	Yarn tensioner on the right complete E5	244 501	8	Stitch cam on the left E5 short tuck	212 130
3	Friction feed wheel 16 fold on the left complete 933	254 900	9	Stitch cam on the right E5 short tuck	212 129
4	Friction feed wheel 16 fold on the right complete 933	254 901	10	Pressure part receiving on the left short tuck	240 697
5	DVD instructions conversion kit IFF	245 169	11	Pressure part receiving on the right short tuck	240 698
6	Adjusting part for yarn carrier bow	250 119	500	Screw KB60x20	237 682



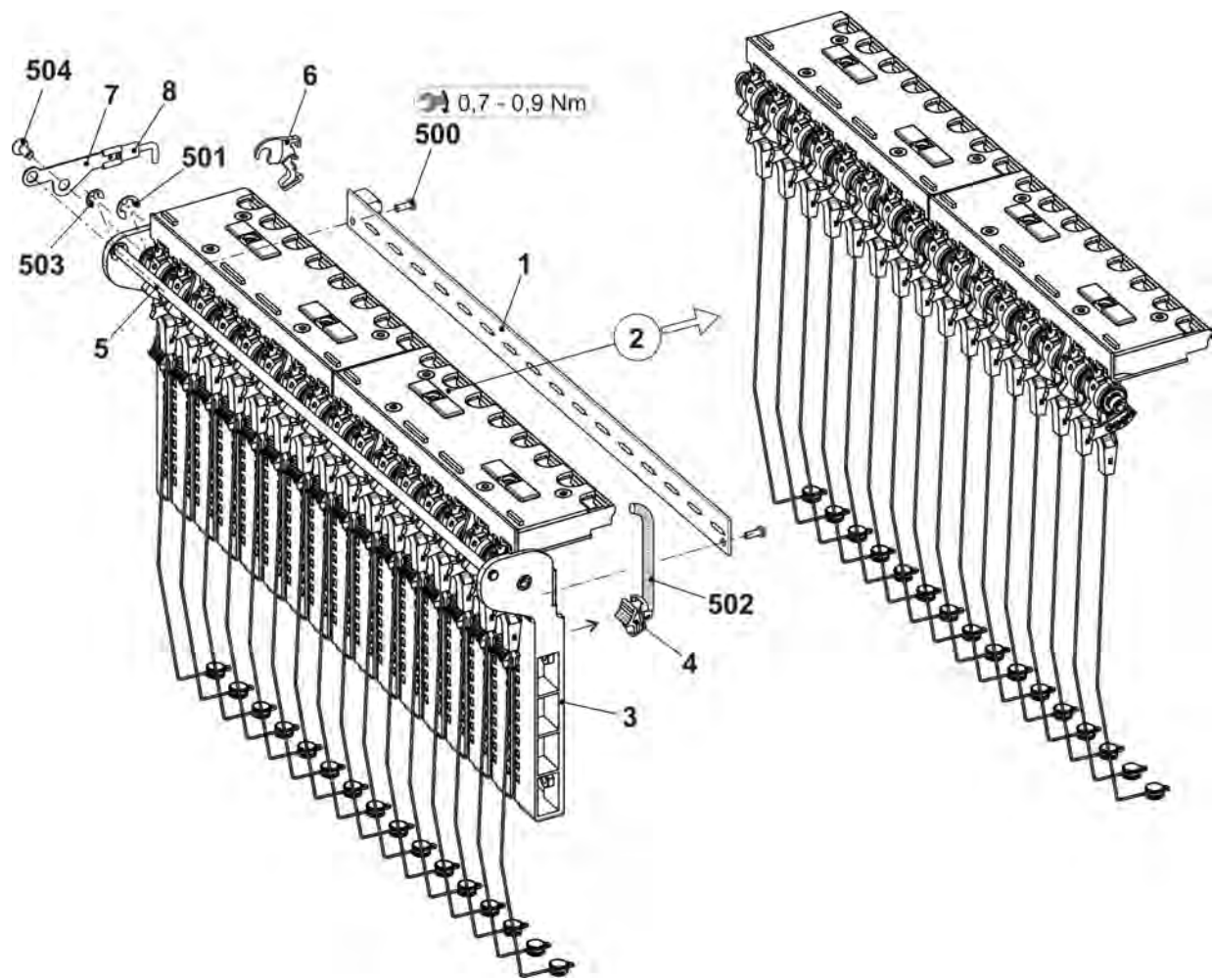
17.2 Overview of conversion kit with 24 and 32 IFF E7-8

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 24 IFF E7-8	257 621			
	Conversion kit 32 IFF E7-8	257 583	12	Adjusting part for yarn carrier bow	250 119
1	Yarn tensioner on the left complete E7-8	244 499	13	Yarn guide complete E7-8 IFF 24	256 935
2	Yarn tensioner on the right complete E7-8	244 502		Yarn guide complete E7-8 IFF 32	245 162
3	Yarn guide bar 96"-933	242 431	14	Stitch cam on the left E7-8 short tuck	212 057
4	Support on the left	243 609	15	Stitch cam on the right E7-8 short tuck	212 056
5	Support on the right	243 610	16	Pressure part receiving on the left short tuck	240 697
6	Straps	243 766	17	Pressure part receiving on the right short tuck	240 698
7	Yarn control unit	237 124	500	Self-locking screw M6x12	023 415
8	Yarn guide bracket complete	241 581	501	Serrated nut M6-10	023 414
9	Friction feed wheel 16 fold on the left complete 933	254 900	502	Square nut M8	023 269
10	Friction feed wheel 16 fold on the right complete 933	254 901	503	Pan-head screw M8x16	023 113
11	DVD instructions conversion kit IFF	245 169	504	Screw KB60x20	237 682



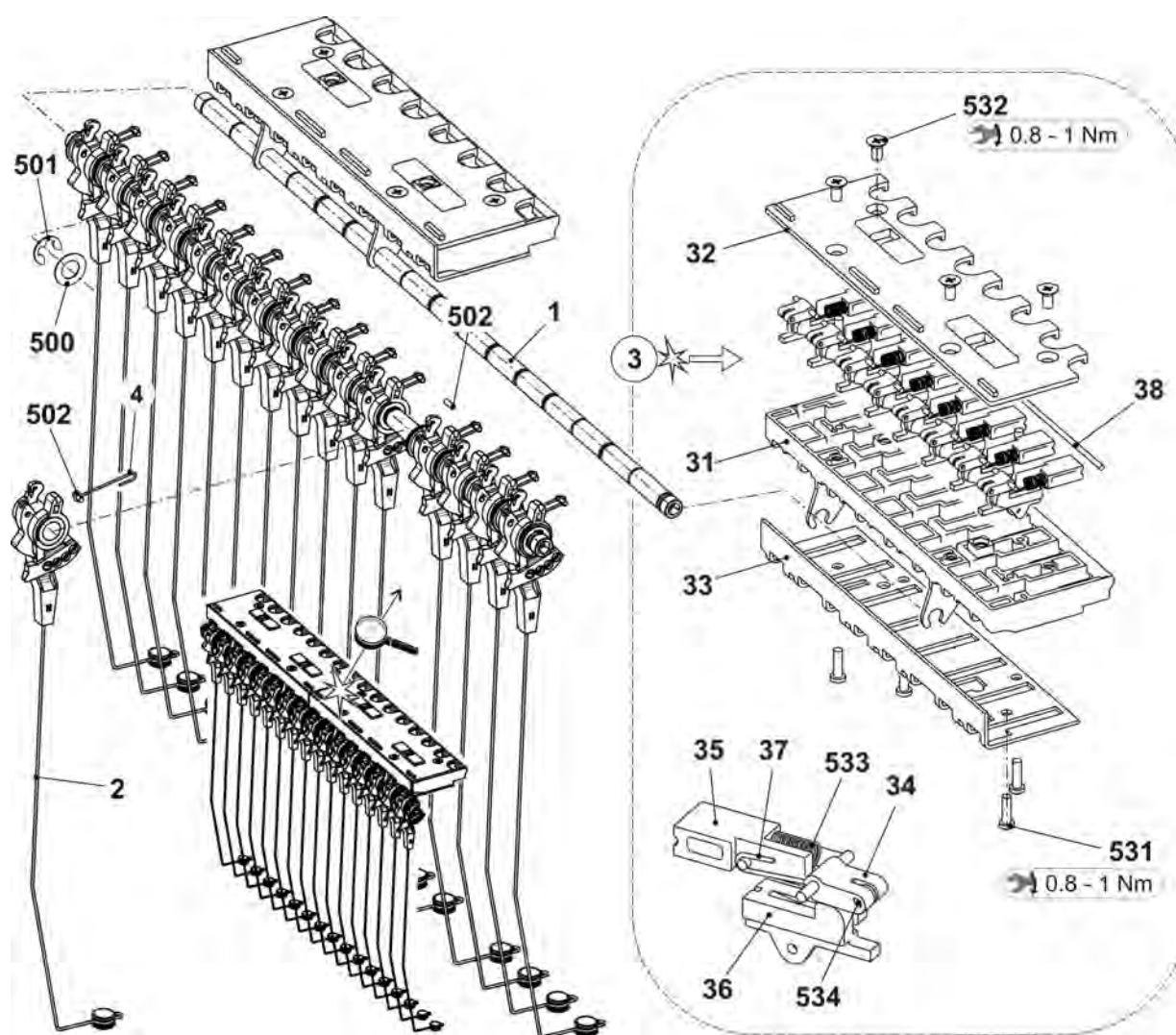
17.3 Yarn tensioner on the left

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



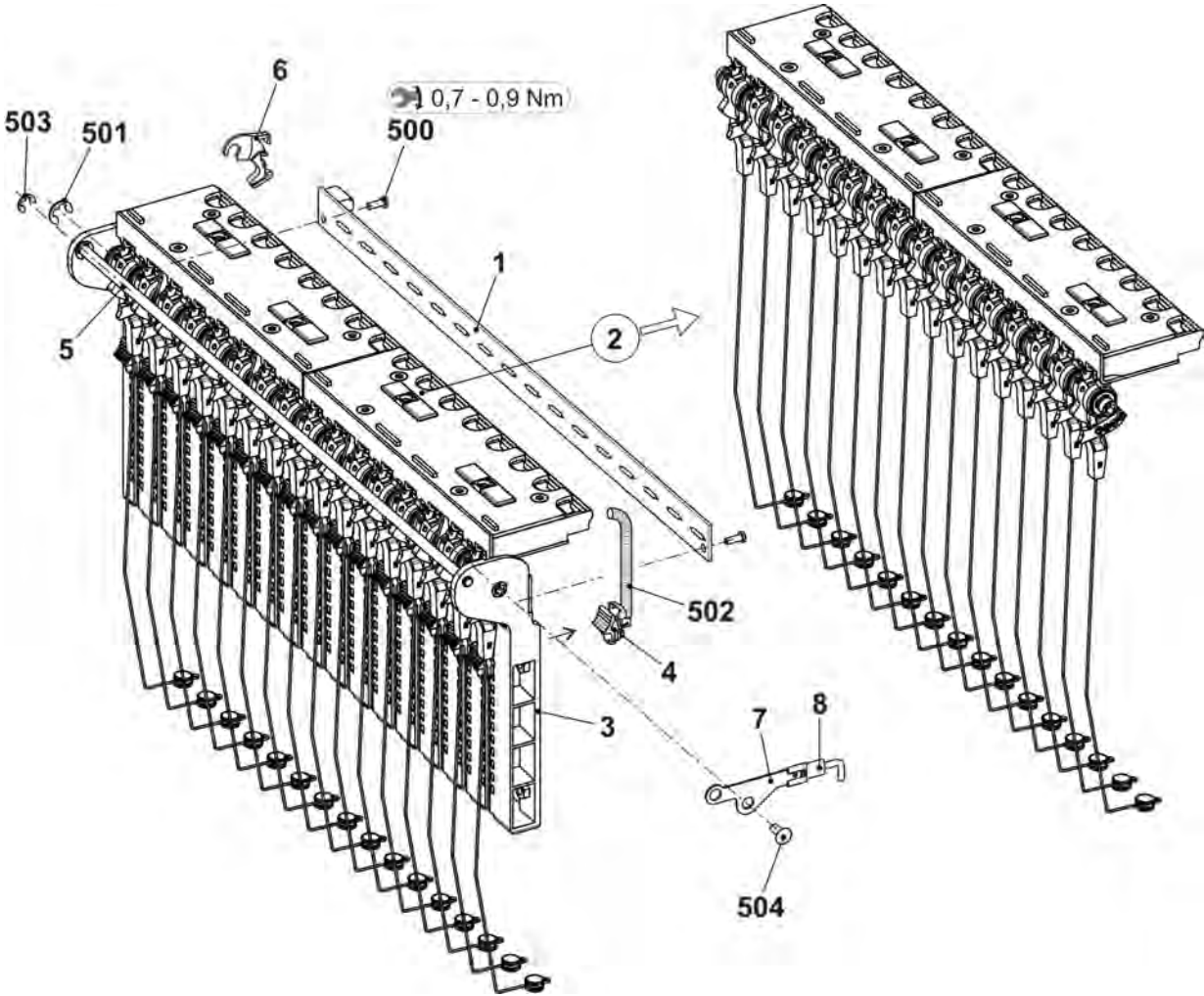
17.3.1 Tension axle

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



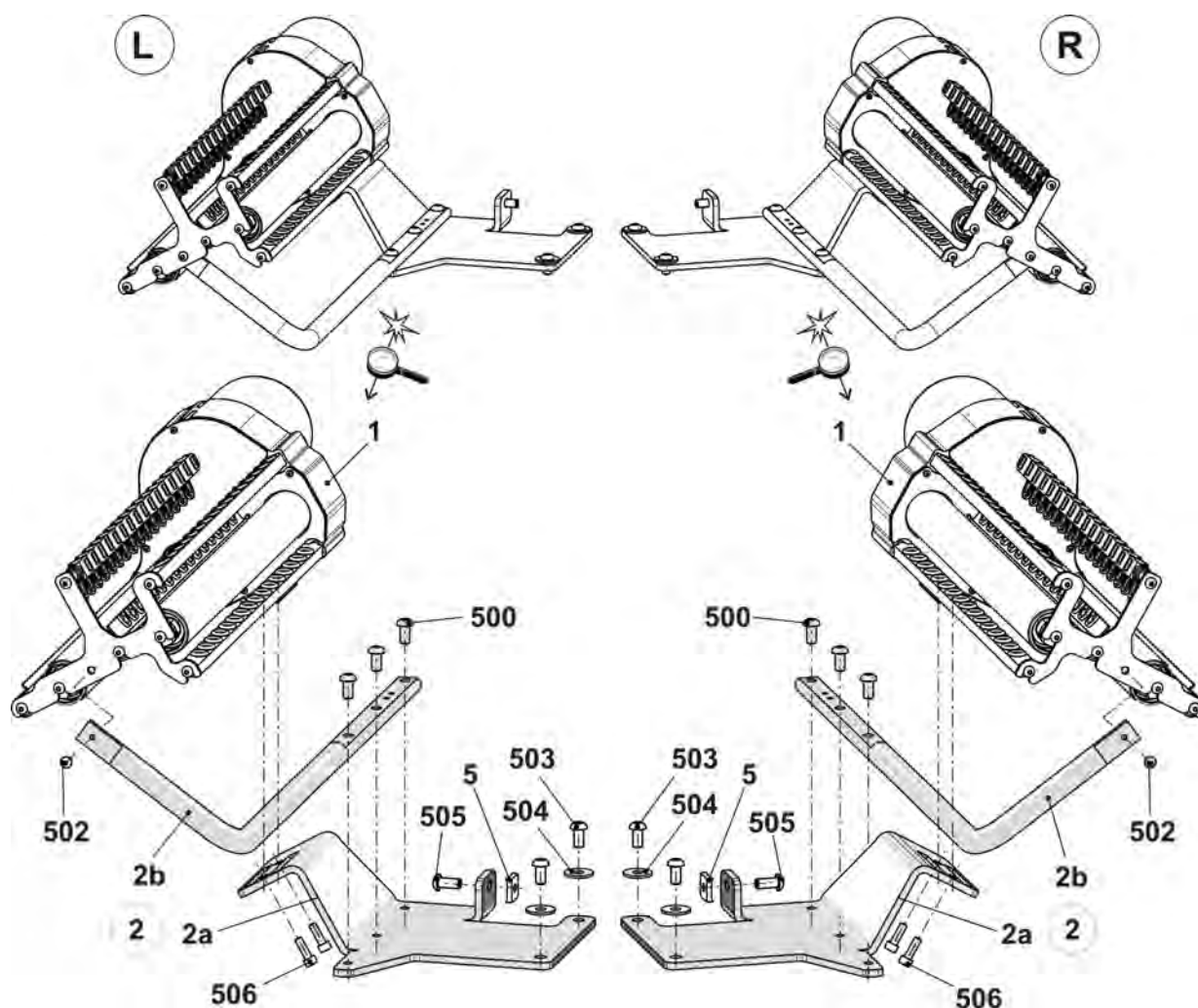
17.4 Yarn tensioner on the right

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



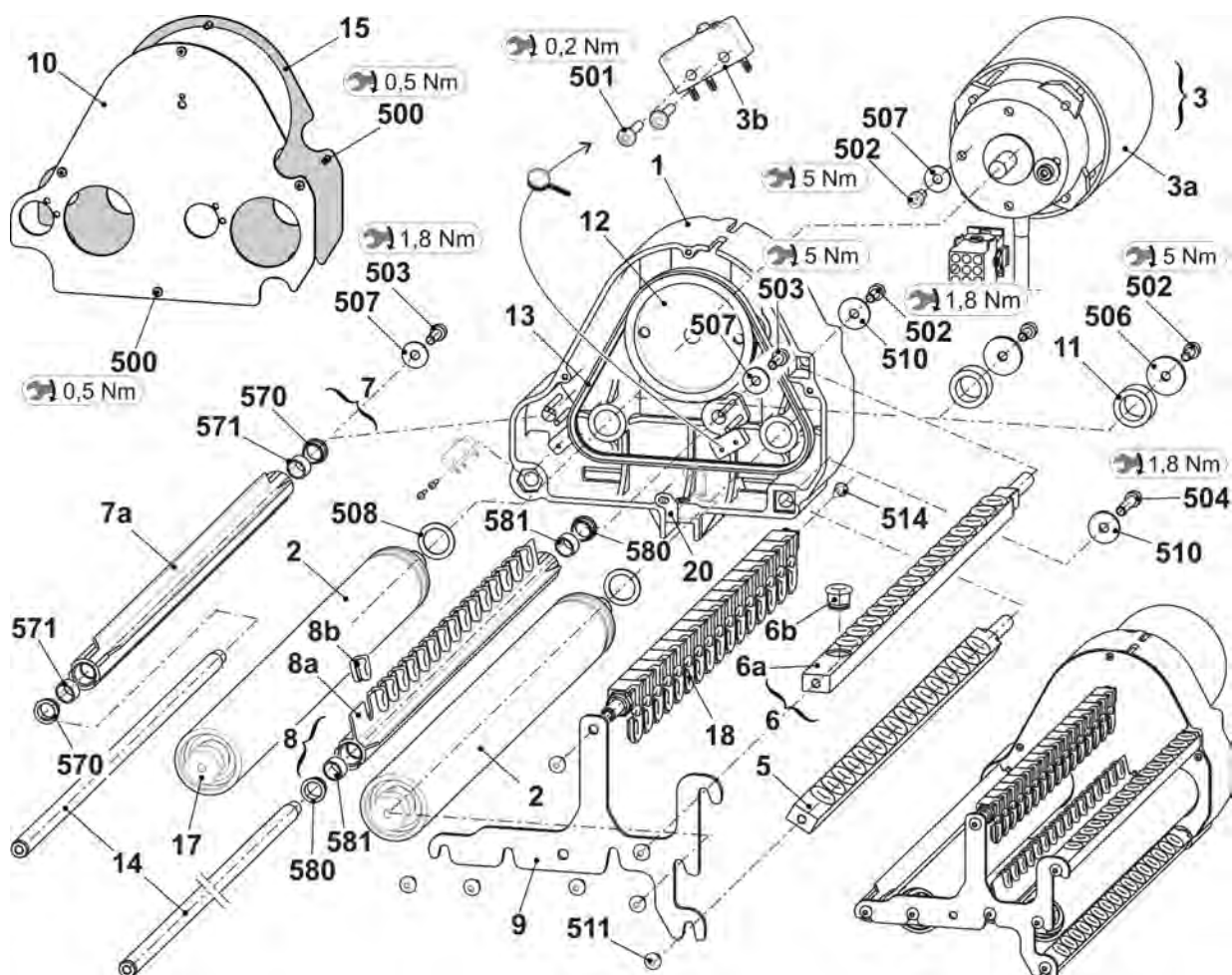
17.5 Friction feed wheel on the left and on the right complete

Pos	Designation	ID	Pos	Designation	ID
Σ L	Friction feed wheel 16 fold on the left complete	254 900	Σ R	Friction feed wheel 16 fold on the right complete	254 901
1	Friction feed wheel on the left	244 185	1	Friction feed wheel on the right	244 186
2	Support of left feed wheel 16--fold	254 534	2	Support of right feed wheel 16-fold	254 533
2a	Support of left feed wheel 16-fold	253 841	2a	Support of right feed wheel 16-fold	253 842
2b	Support of table on the left	244 560	2b	Support of table on the right	244 561
500	Pan-head screw M8x16	023 113	500	Pan-head screw M8x16	023 113
5	Slot nut	228 851	5	Slot nut	228 851
502	Pan-head screw M5x8	239 408	502	Pan-head screw M5x8	239 408
503	Pan-head screw M8x16	023 113	503	Pan-head screw M8x16	023 113
504	Washer	023 248	504	Washer	023 248
505	Pan-head screw M8x18	251 331	505	Pan-head screw M8x18	251 331
506	Cap screw M6x16	020 135	506	Cap screw M6x16	020 135



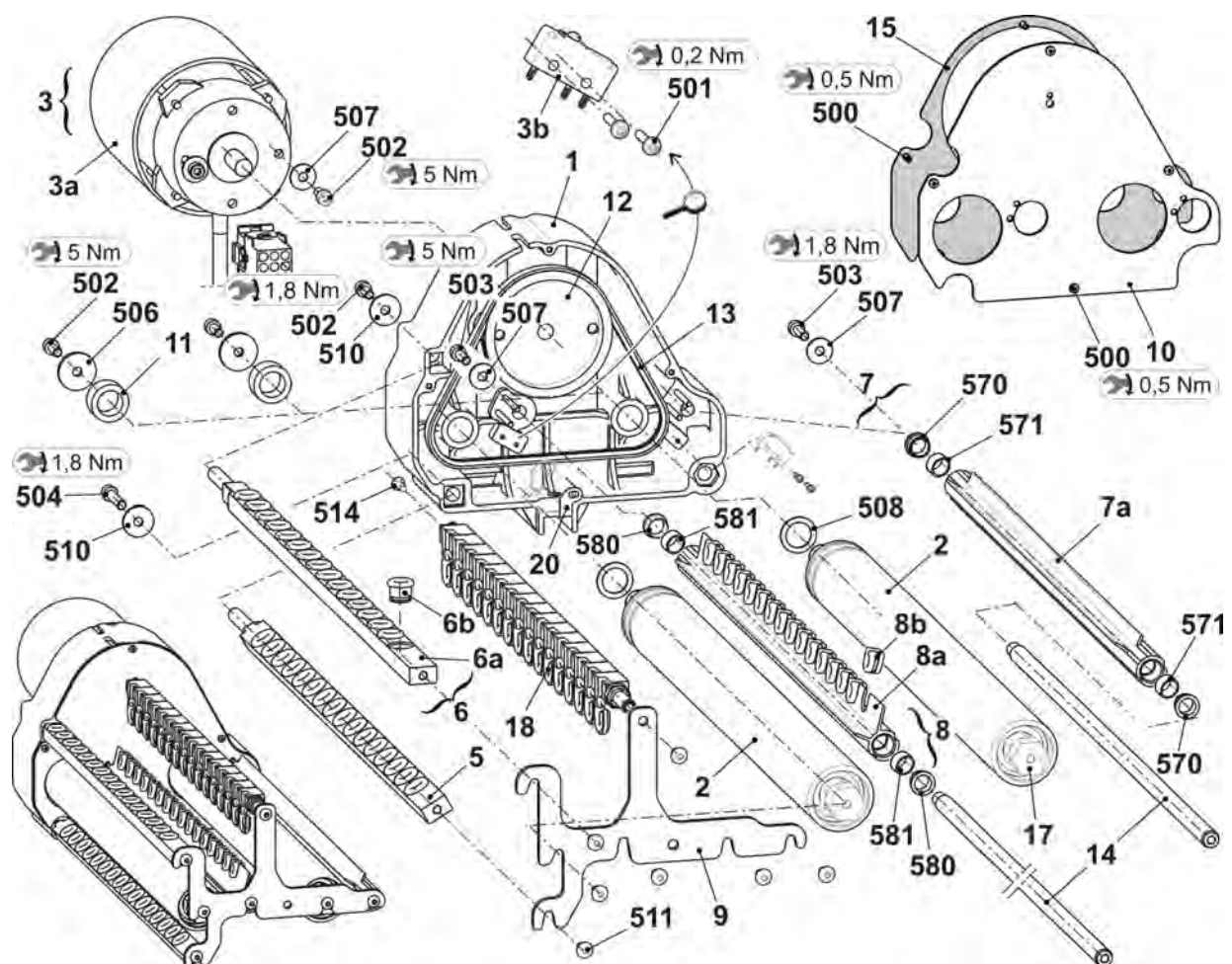
17.5.1 Friction feed wheel on the left

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



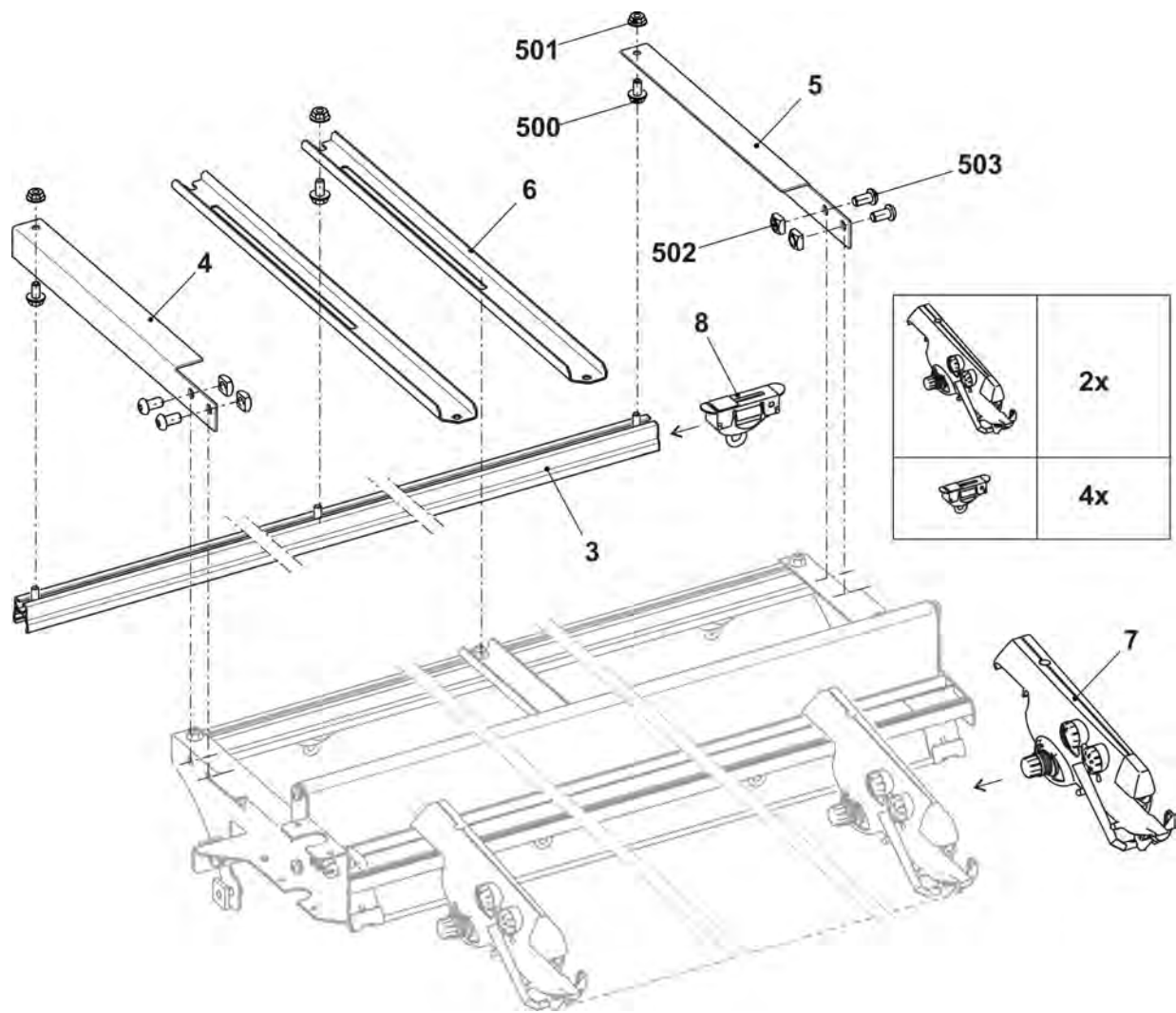
17.5.2 Friction feed wheel on the right

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



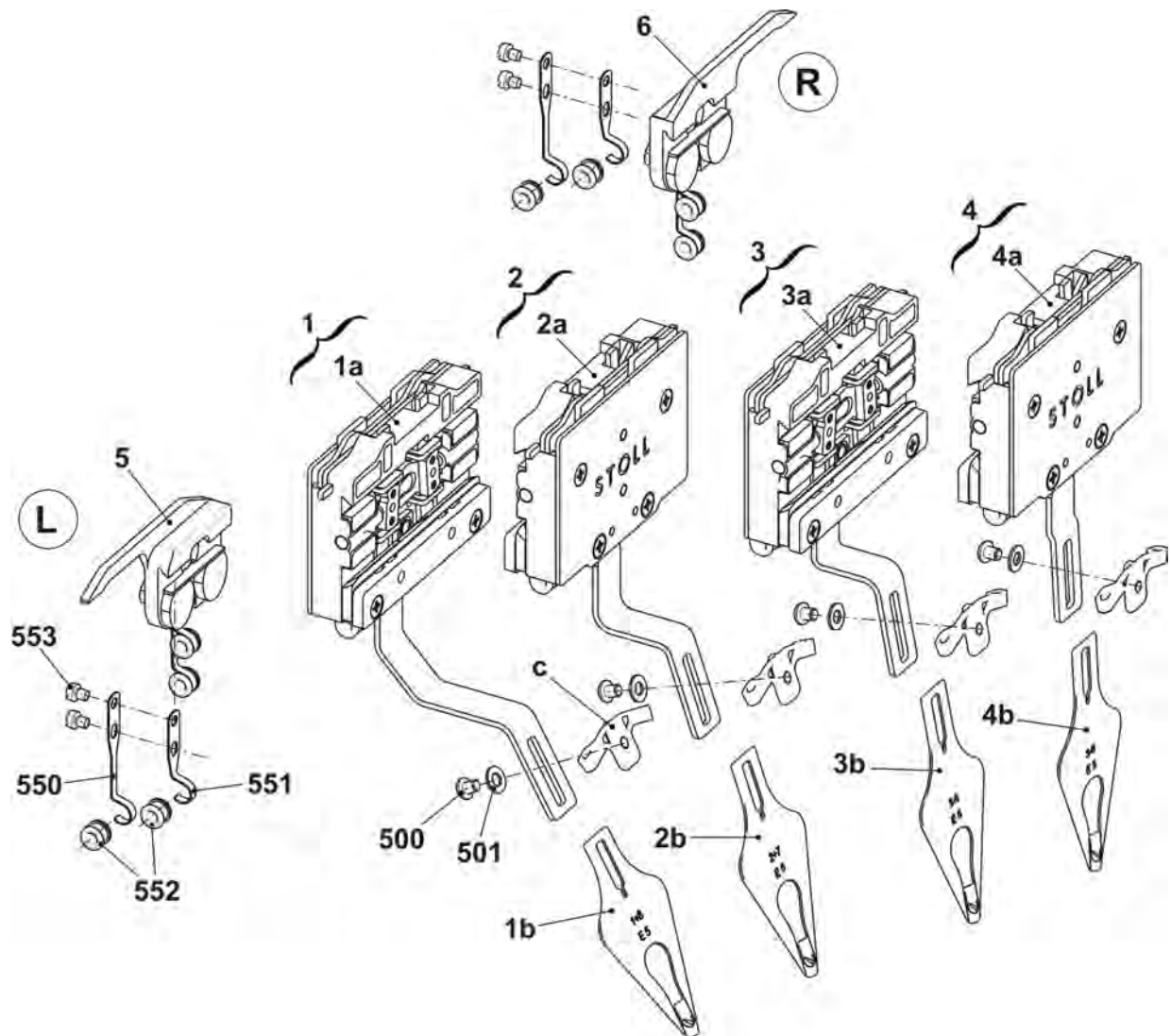
17.6 Parts for the yarn guide system E7-8

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device				
3	Yarn guide bar96" - 933	242 431	7	Yarn guide bracket complete	241 581
4	Support on the left	243 609	500	Self-locking screw M6x12	023 415
5	Support on the right	243 610	501	Serrated nut M6-10	023 414
6	Straps	243 766	502	Square nut M8	023 269
7	Yarn control unit	237 124	503	Pan-head screw M8x16	023 113



17.7 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			



17.8 Yarn guide complete IFF E7 | E8

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

