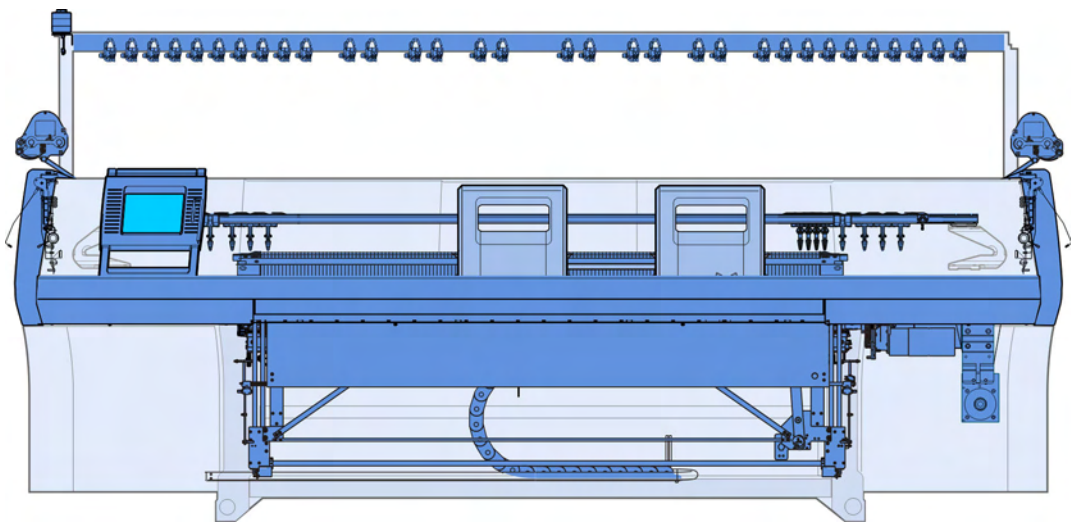


Spare parts catalog

CMS 822 (Type 632)

Component type 004

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



1 Introduction

Imprint

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

The indications of this catalog are without liability.

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e-mail: spareparts@stoll.com

Notes for the order

This catalog serves to order spare parts.

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

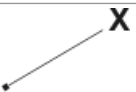
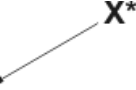
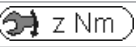
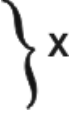
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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

Only genuine STOLL spare parts may be used for repairs.

1.1 Search help

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

Symbol	Meaning
Σ	Indicates an assembly
	Position indicator with the position number (X).
	Indicates an element of another assembly.
	Indicates an assembly which is represented more detailed beside.
	Indicates an assembly which is represented on another page more detailed.
	Screw torques (z) deviating from the preferential row.
	Detail, represented enlarged in the direction of the arrow.
	Explosion representation, single elements enlarged.
	Indicates a group of parts.
	Indicates the left side or view.
	Indicates the right-hand side or view.
	Indicates a sectional drawing or a view in the viewing direction.

1.2 Torques

Preferential row of screw torques

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

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

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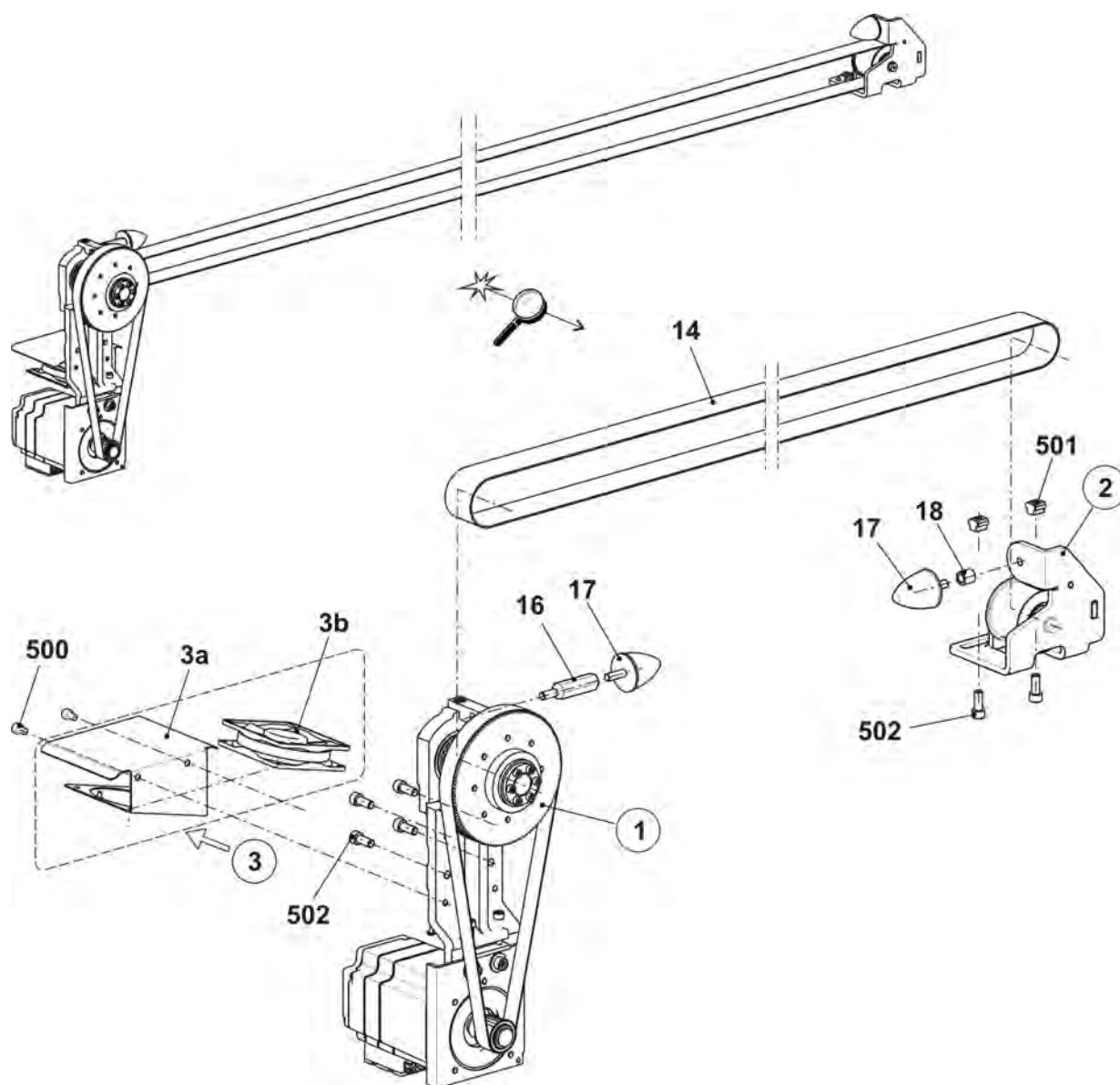
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2 Carriage drive



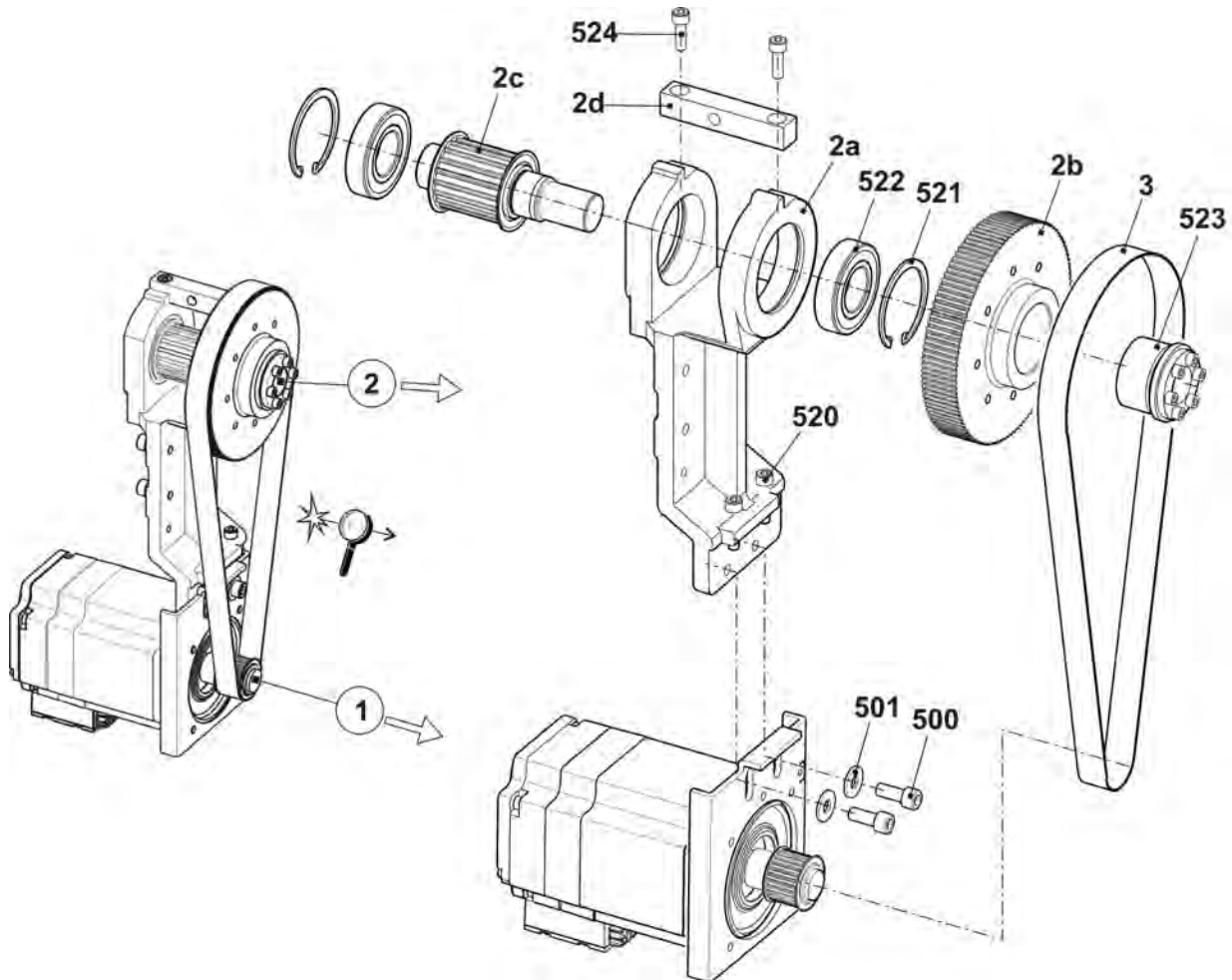
2.1 Drive

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Drive unit				
1	Drive unit complete	240 743	16	Hexagon bolt	238 922
2	Tension bearing complete	251 581	17	Parabolic spring	200 661
3	Fan complete	242 413	18	Spacer pipe	222 099
3a	Fan plate drive motor	241 823	500	Cap screws M8x12	023 138
3b	Fan complete512	213 722	501	Sliding nut M10X12	023 471
14	Toothed belt50AT10/7150	236 656	502	Cap screw M10X25	020 157



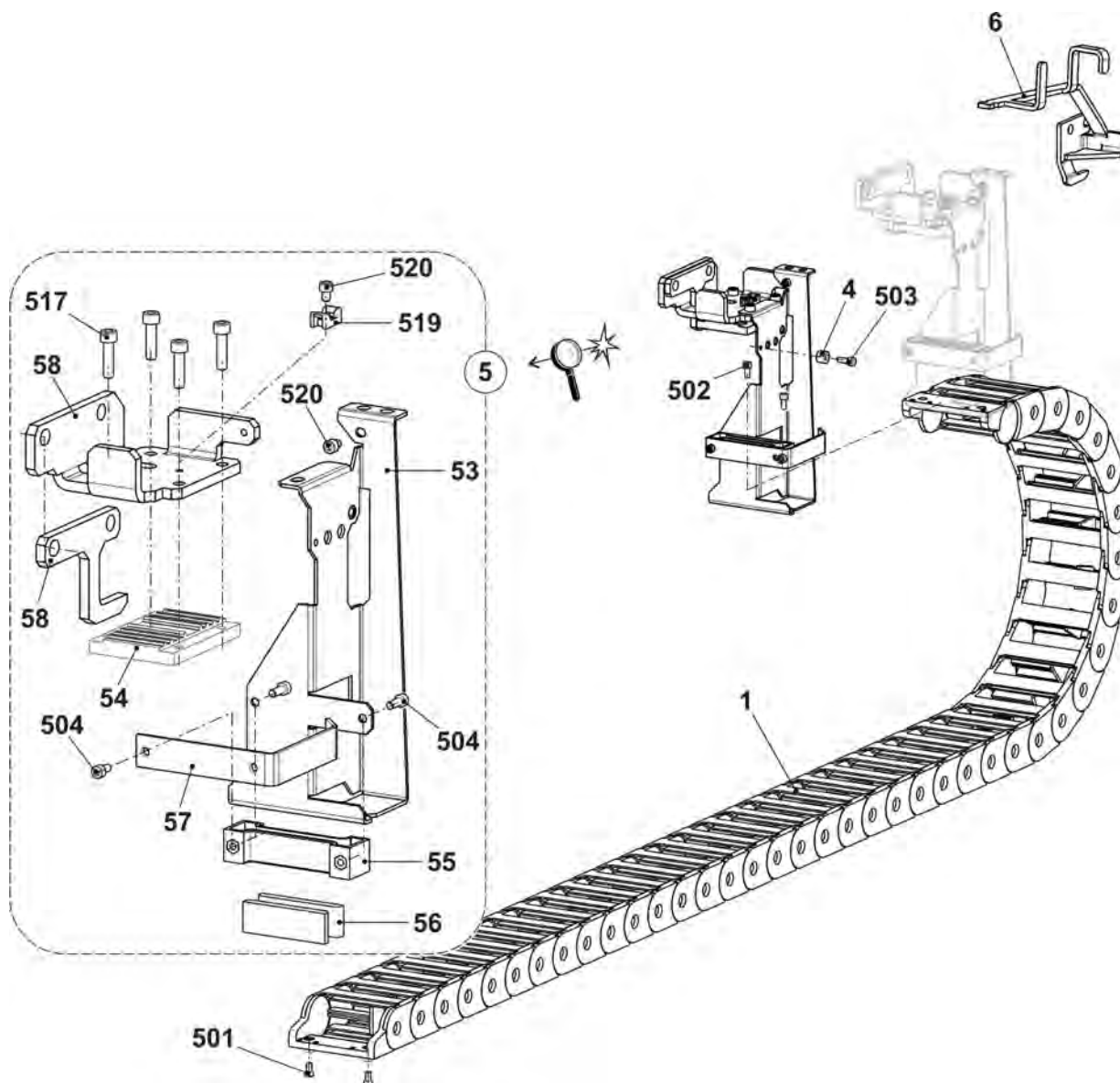
2.1.1 Motor and belt drive

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Drive unit complete	240 743			
1	Drive unit	256 301	521	Retaining ring 68x2.5	022 914
2	Drive bearing	255 005	522	Grooved ball bearing 6207-2RS	022 915
2a	Drive bearing ECO2	252 634	523	Tension set 30X55	023 208
2b	Toothed belt pulley	240 616	524	Cap screw M8X25 12.9	020 142
2c	Pinion 57 AT10 18	242 039	3	Toothed belt 250 HP-S5M 1050 NG	240 628
2d	Support of buffer	222 100	500	Cap screw M10X25	020 157
520	Cap screw M8X35	020 144	501	Disk 10,5X25X2,5	022 178



2.2 Energy chain and plunger

Pos	Designation	Id. no.	Pos	Designation	Id. no.
1	Energy chain 40 links	259 232	5	56 Cellular caoutchouc black	202 597
4	Threaded spacer	214 584	57	Cover strip	258 379
501	Cap screw M6x8	023 411	58	Switch flag carriage driver	259 278
502	Cap screw M6x16	020 135	59	Carriage driver	259 284
503	Cap screw M6x16	020 135	520	Cap screw M6x8	023 411
5	Carriage driver complete	259 281	504	Cap screw M6x12	020 134
53	Cable driver	259 286	517	Cap screw M8x30	020 143
54	Clamping plate	252 592	519	Fixing element	026 489
55	Cable holder	204 688	6	Stop point with cable holder	258 005

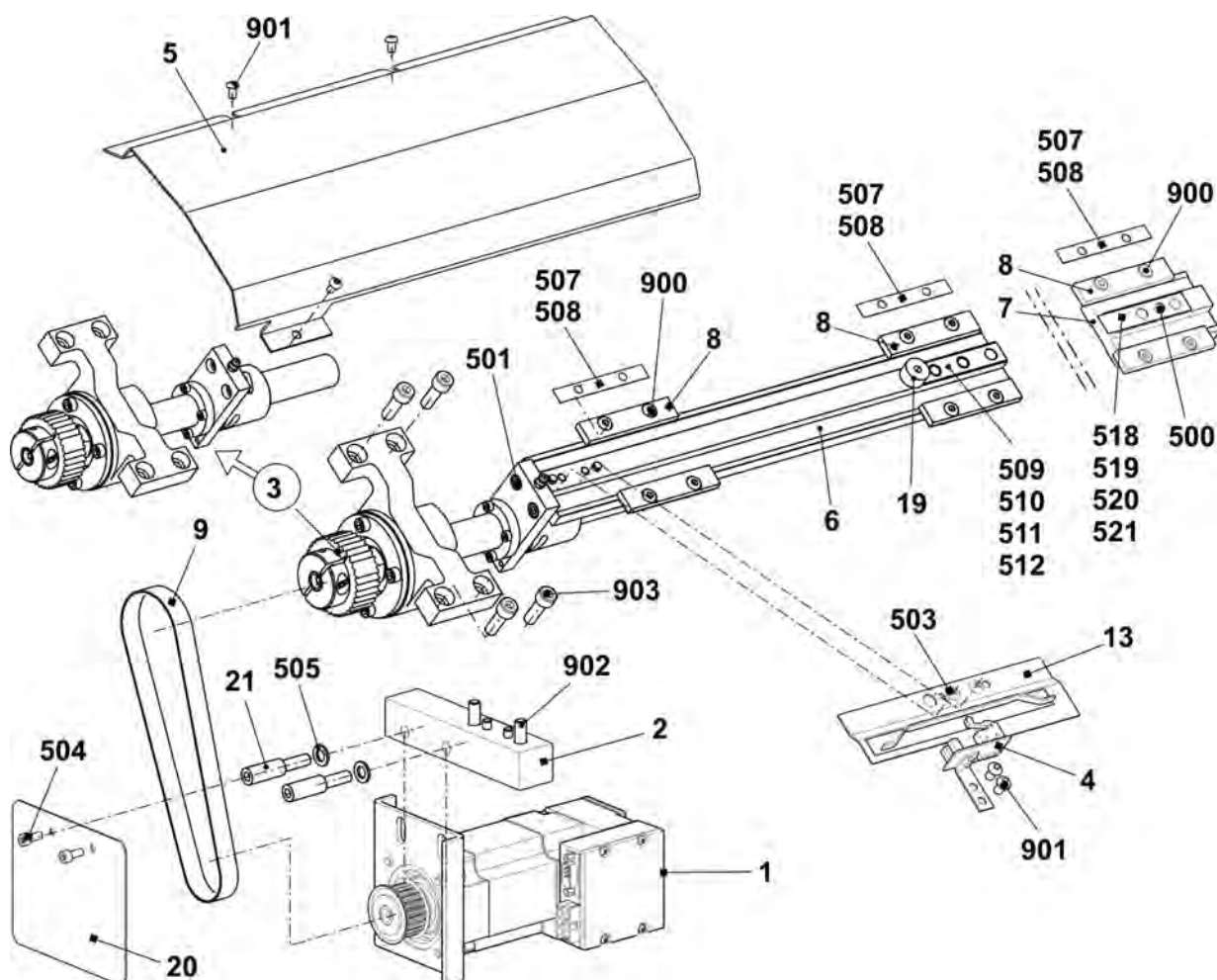


3 Racking

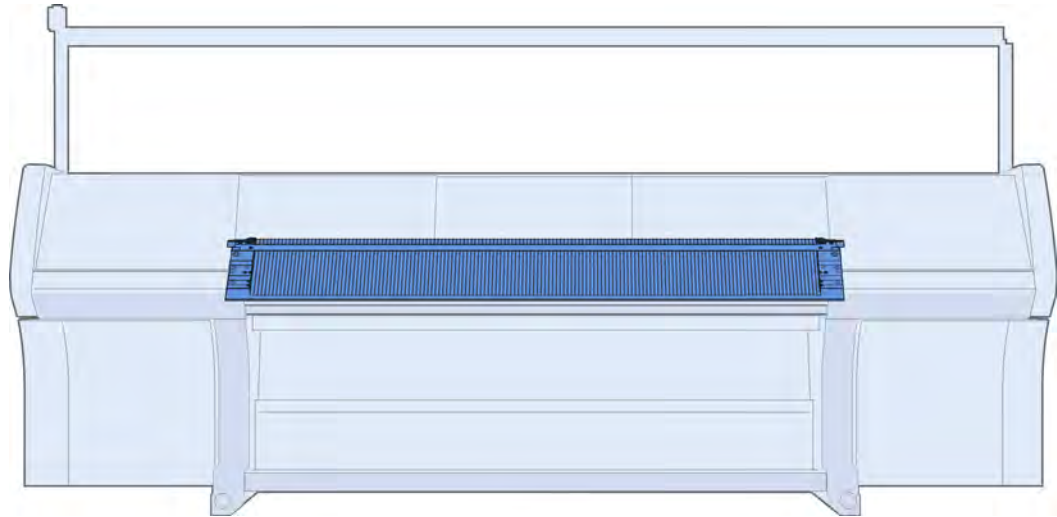


3.1 Racking drive

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Racking				
1	Racking motor complete	258 192	504	Cap screw M5x12	020 132
2	Bearing	227 605	505	Washer	022 175
3	Spindle bearing complete	253 262	507	Shim0,03x11x80	023 286
4	Card racking limit switch	229 396	508	Shim0,05x11x80	023 287
5	Racking cover plate	230 048	509	Shim0,03x15x85	023 162
6	Racking strip	241 921	510	Shim0,05x15x85	023 163
7	Racking strip on the left	240 696	511	Shim0,1x15x85	023 164
8	Guide strip	206 382	512	Shim0,2x15x85	023 170
9	Toothed belt150 S 5M 490	229 281	518	Shim0,03x15x75	023 395
13	Switch plate	240 722	519	Shim0,05x15x75	023 396
19	Stop screw	221 386	520	Shim0,1x15x75	023 397
20	Cover plate	232 544	521	Shim0,2x15x75	023 398
21	Distance bolt	232 543	900	Cap screw M6x12	022 795
500	Cap screw M4x4	022 767	901	Pan-head screw M6x10	023 183
501	Cap screw M6x16	023 116	902	Cap screw M8x30	020 143
503	Pan-head screw M6x10	023 183	903	Cap screw M8x25	020 142

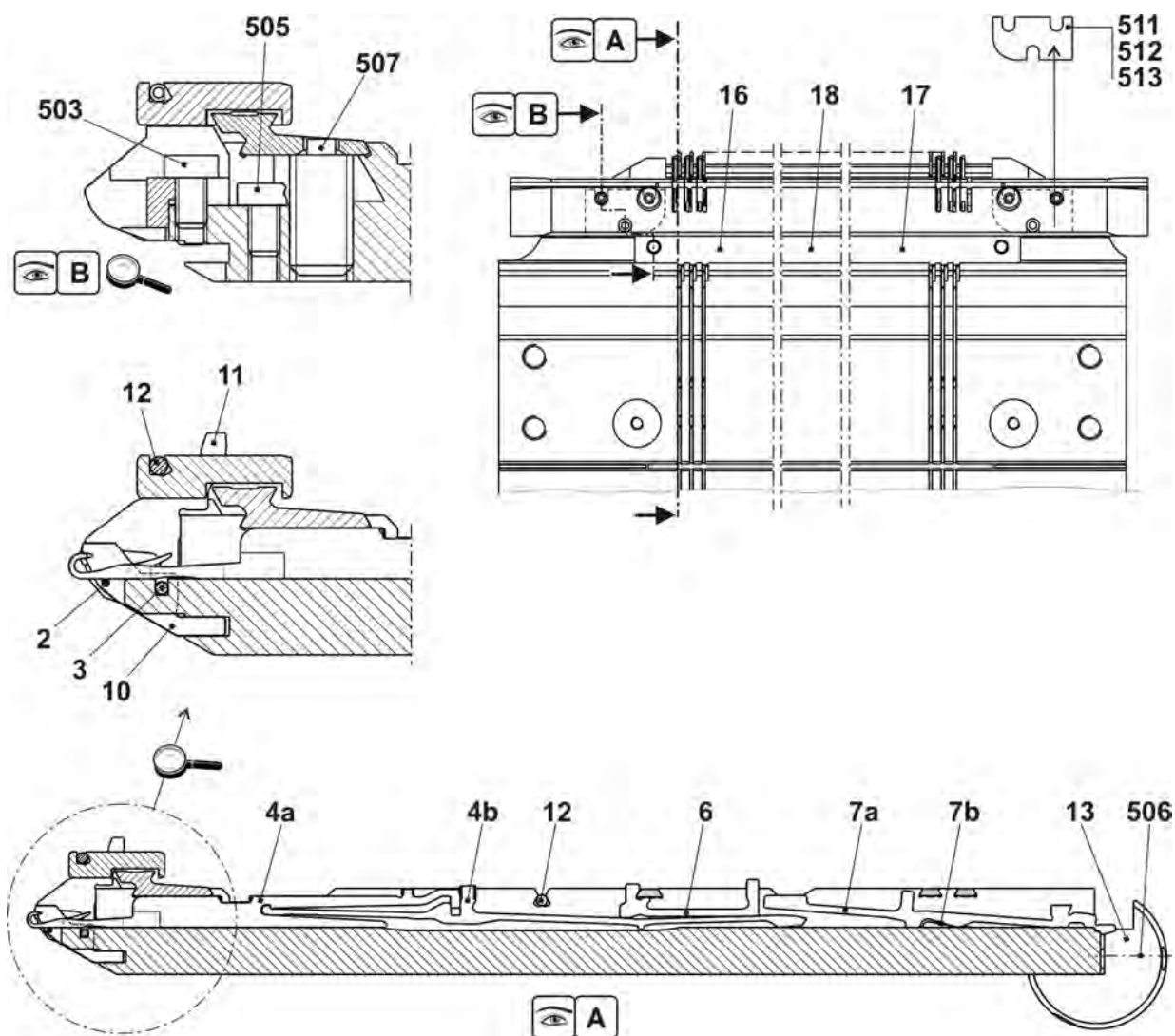


4 Needle beds



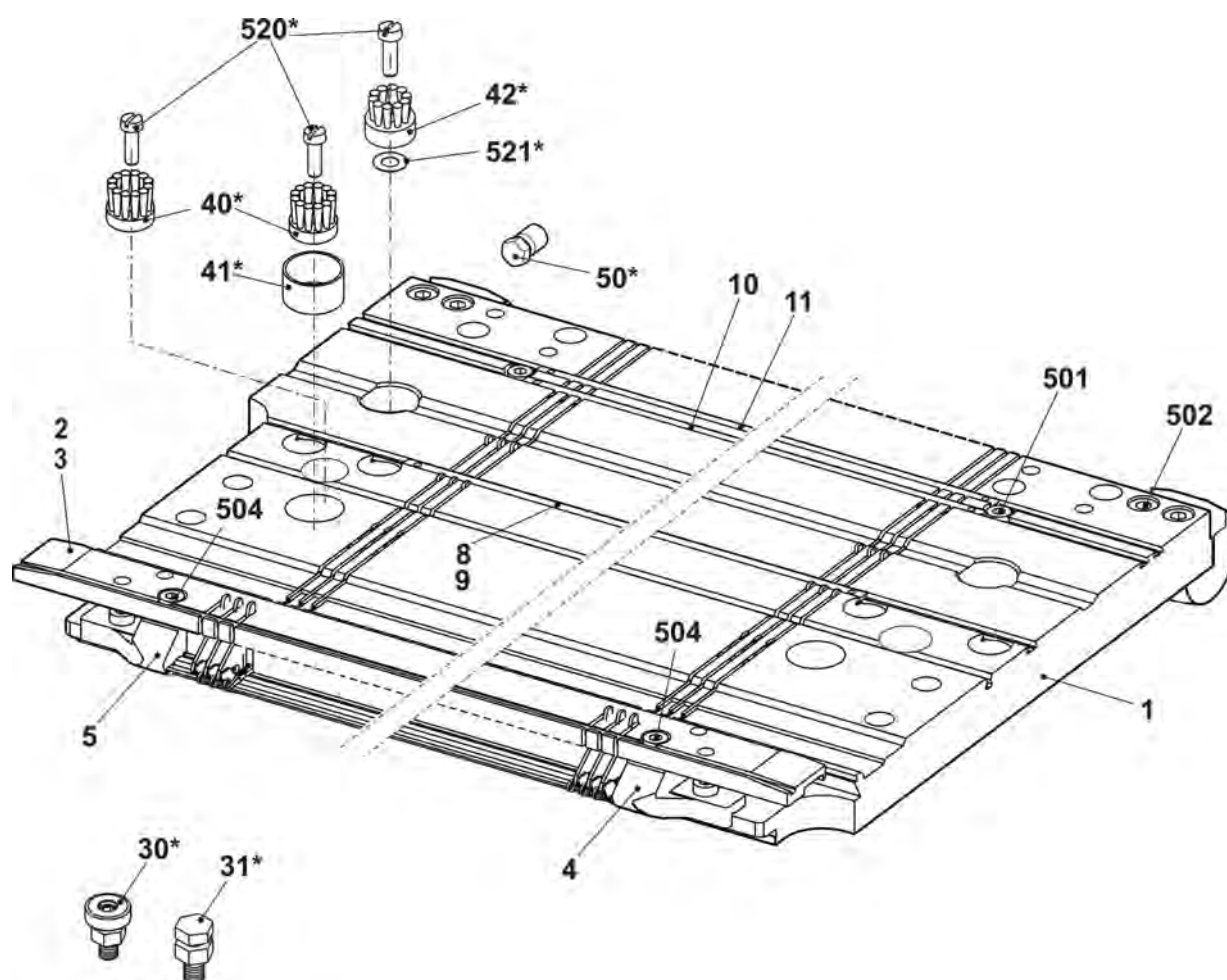
4.1 Needle bed E5

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE5	238 217	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E5-6 with round hook	205 396	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E5	204 996	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E5	205 031	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



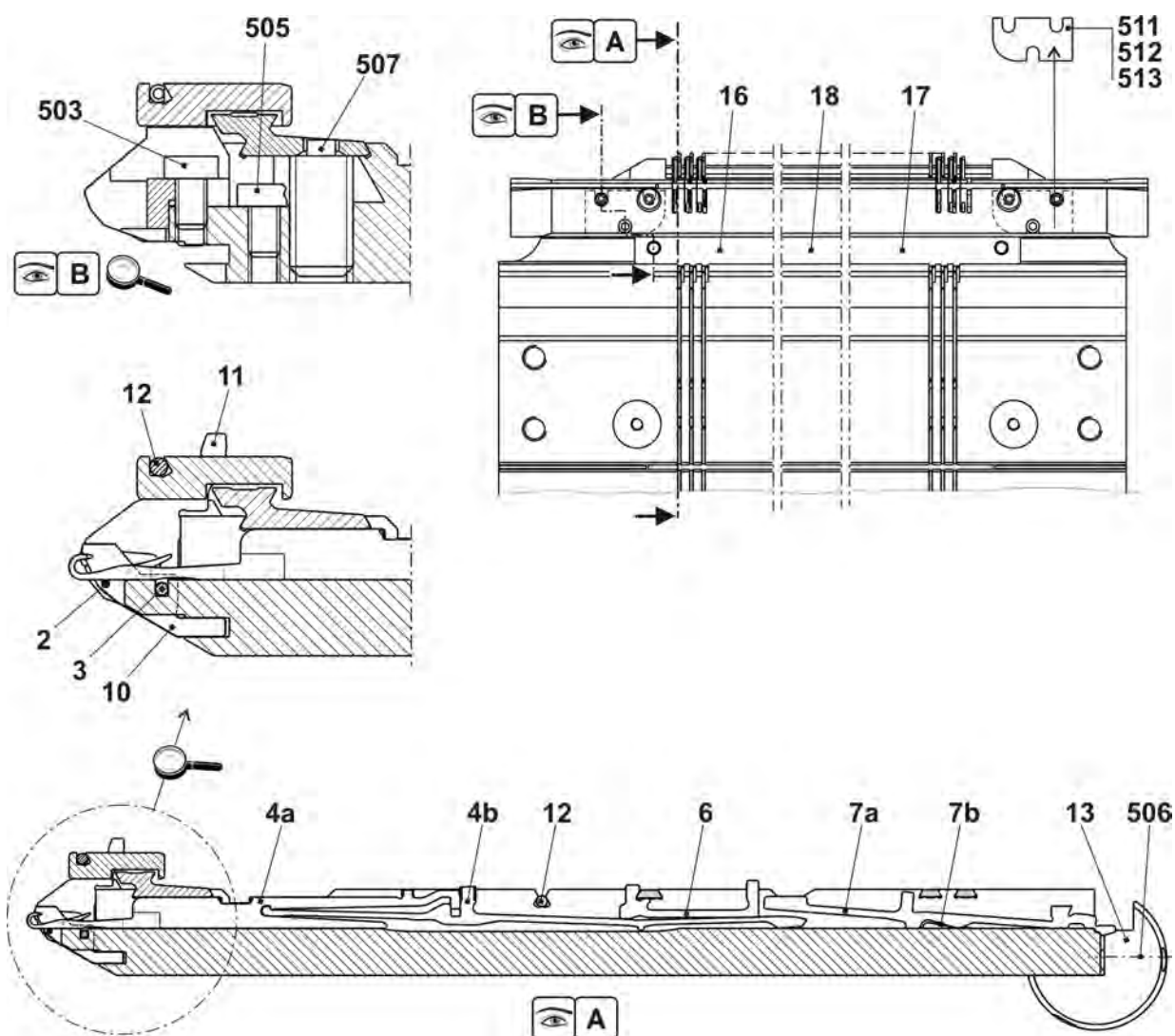
4.1.1 Continuation needle bed E5

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE5	238 217			
1	Needle bed at the front + rearE5	238 005	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E5	238 027	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E5	238 021	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E5	237 377	42*	Disk brush	235 612
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



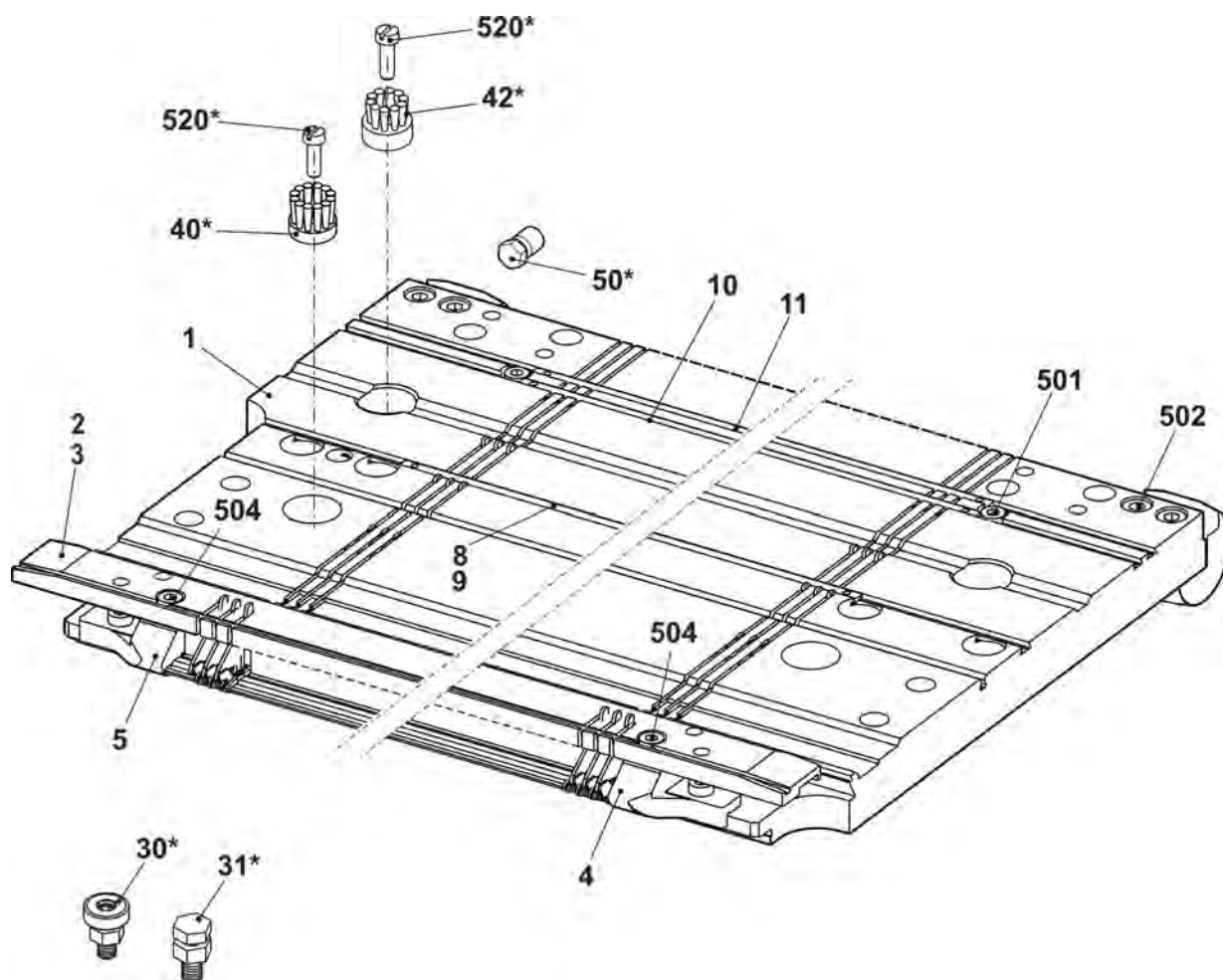
4.2 Needle bed E7

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE7	238 218	13	Support	206 352
2	Spring steel wire E7-8 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E7 with round hook	205 397	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E7	207 055	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E7	205 032	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



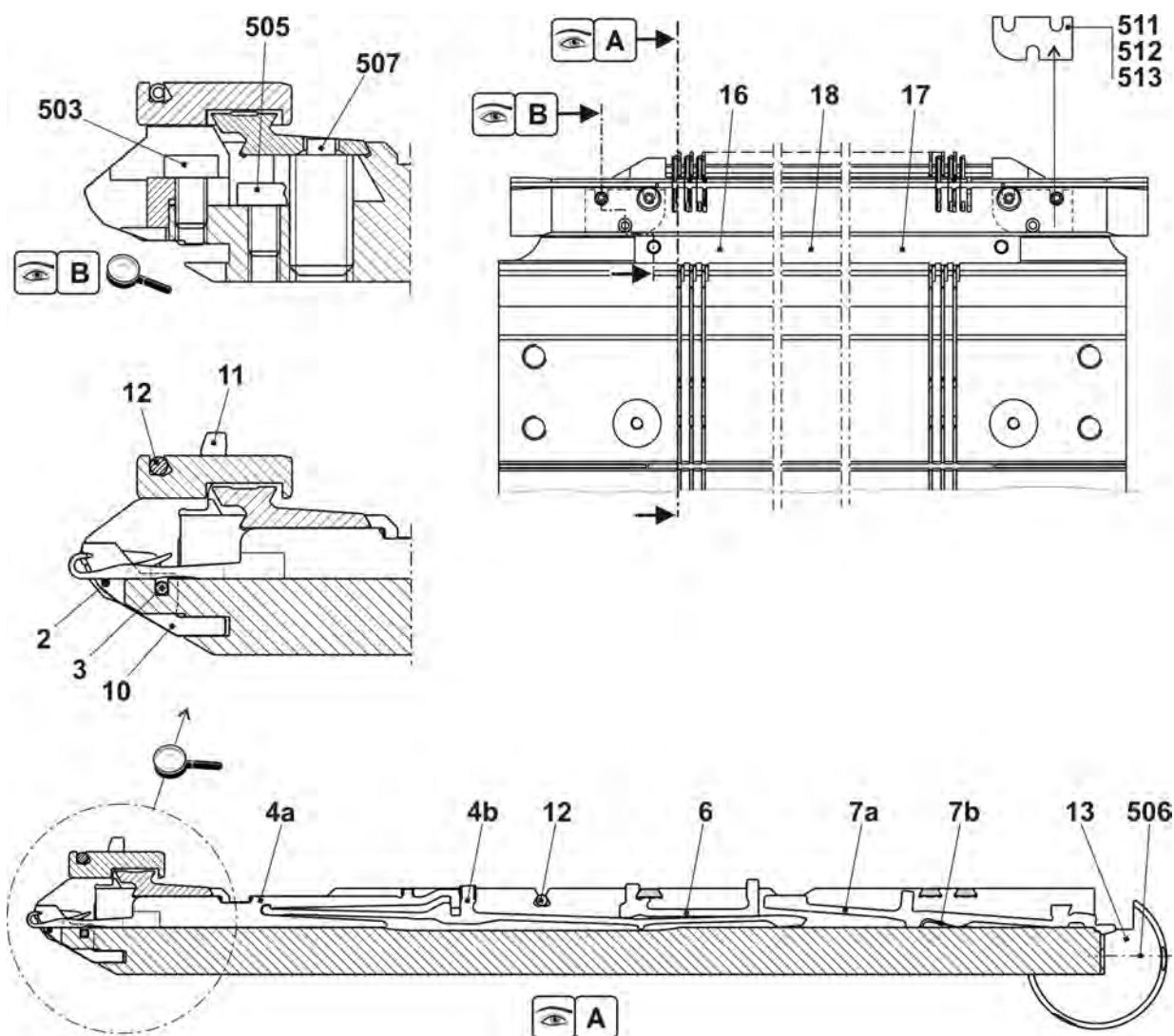
4.2.1 Continuation needle bed E7

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE7	238 218			
1	Needle bed at the front + rearE7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E7	238 028	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E7	238 022	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



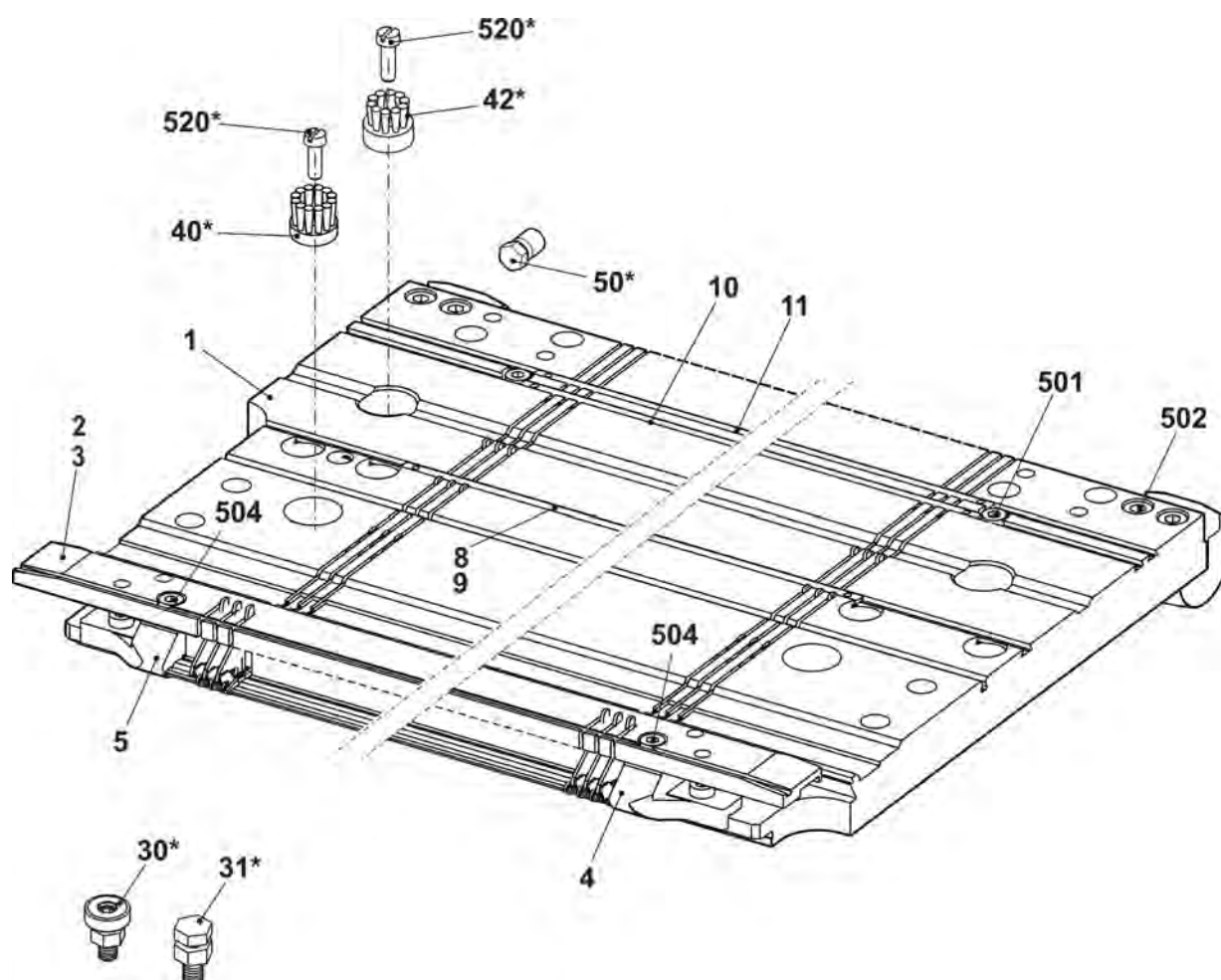
4.3 Needle bed E8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE8	238 219	13	Support	206 352
2	Spring steel wire E7-8 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E8 with round hook	208 745	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E8	207 054	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E8	205 028	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



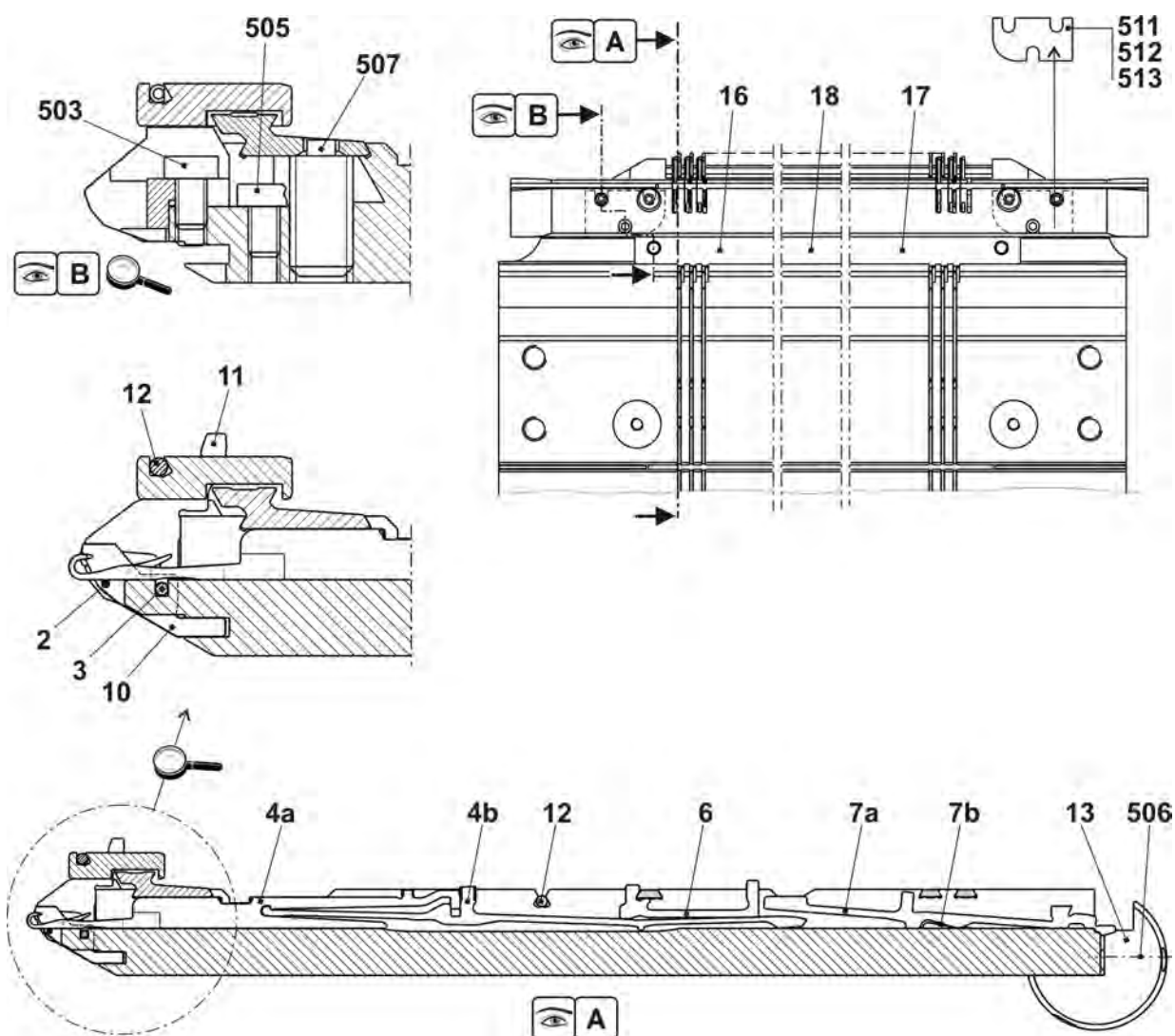
4.3.1 Continuation needle bed E8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E8	238 219			
1	Needle bed at the front + rear E8	238 007	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E8	238 029	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E8	238 023	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E8	238 015	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



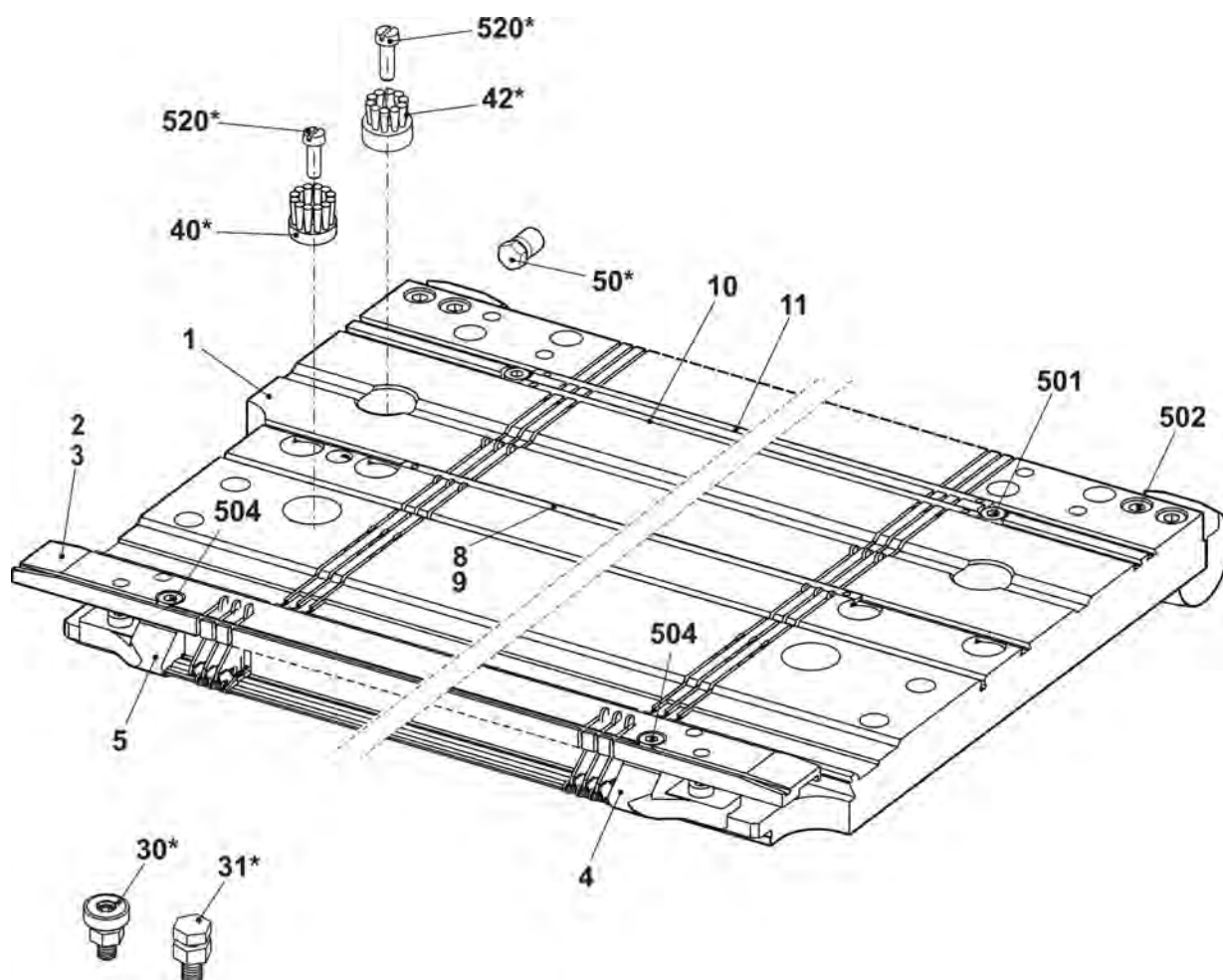
4.4 Needle bed E5m.4

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E5m.7	238 242	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2	232 581	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E5	204 996	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E5	205 031	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



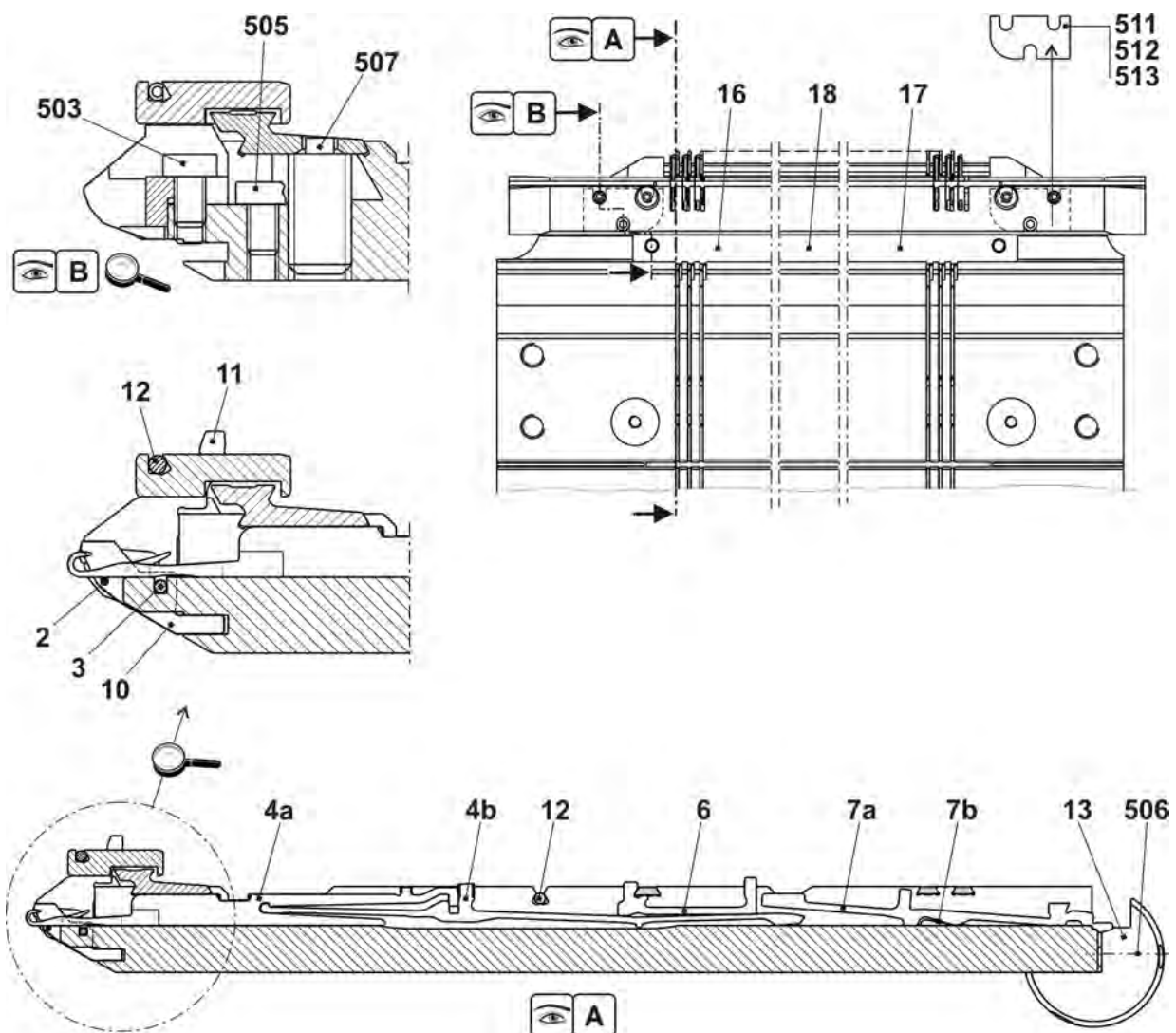
4.4.1 Continuation needle bed E5m.4

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE5m.4	238 242			
1	Needle bed at the front + rearE5	238 005	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E5	238 027	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E5	238 021	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E5	237 377	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



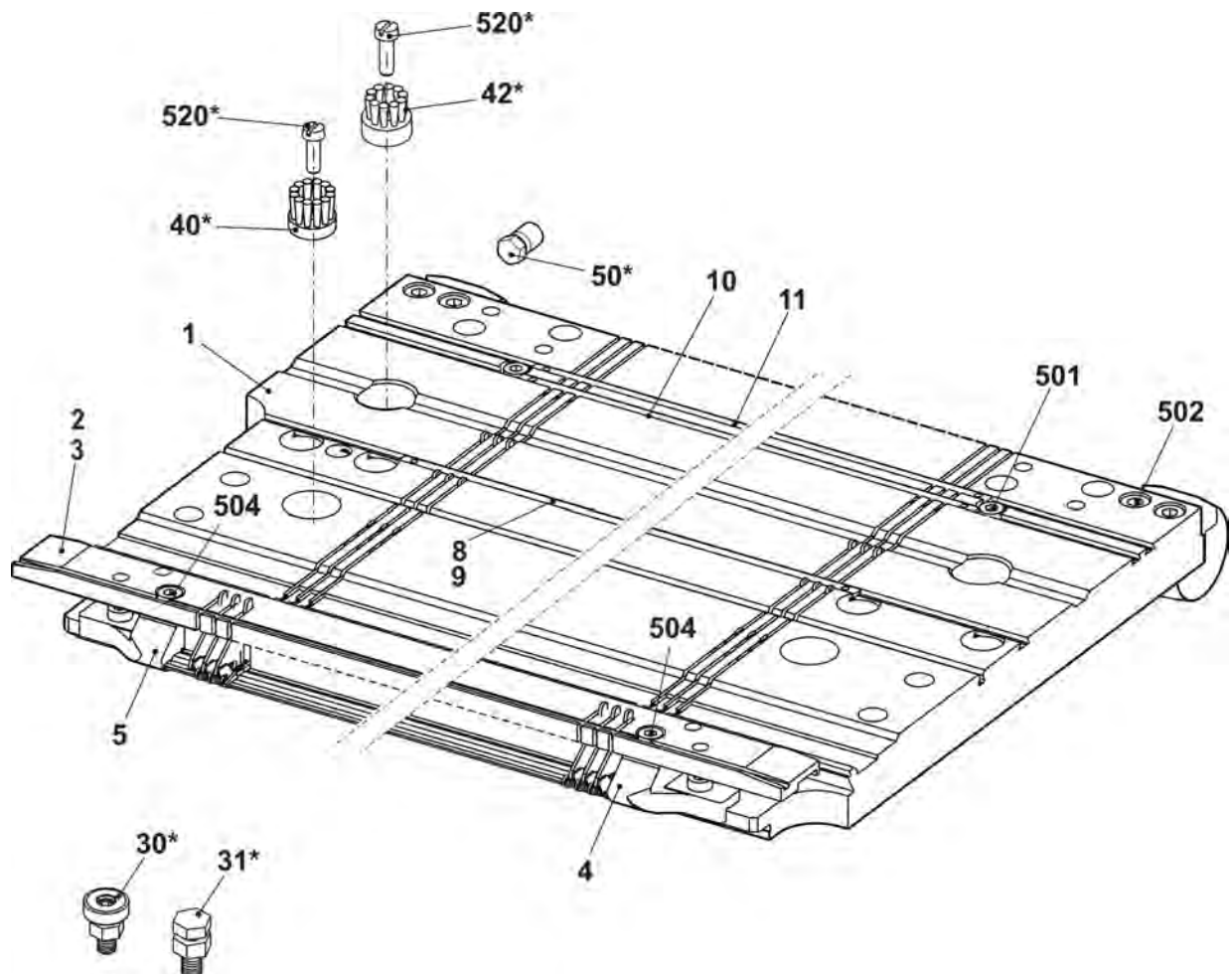
4.5 Needle bed E7m.5

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E7m.5	238 243	13	Support	206 352
2	Spring steel wire E7-8 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E5-6 with round hook	205 396	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E7	207 055	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E7	205 032	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



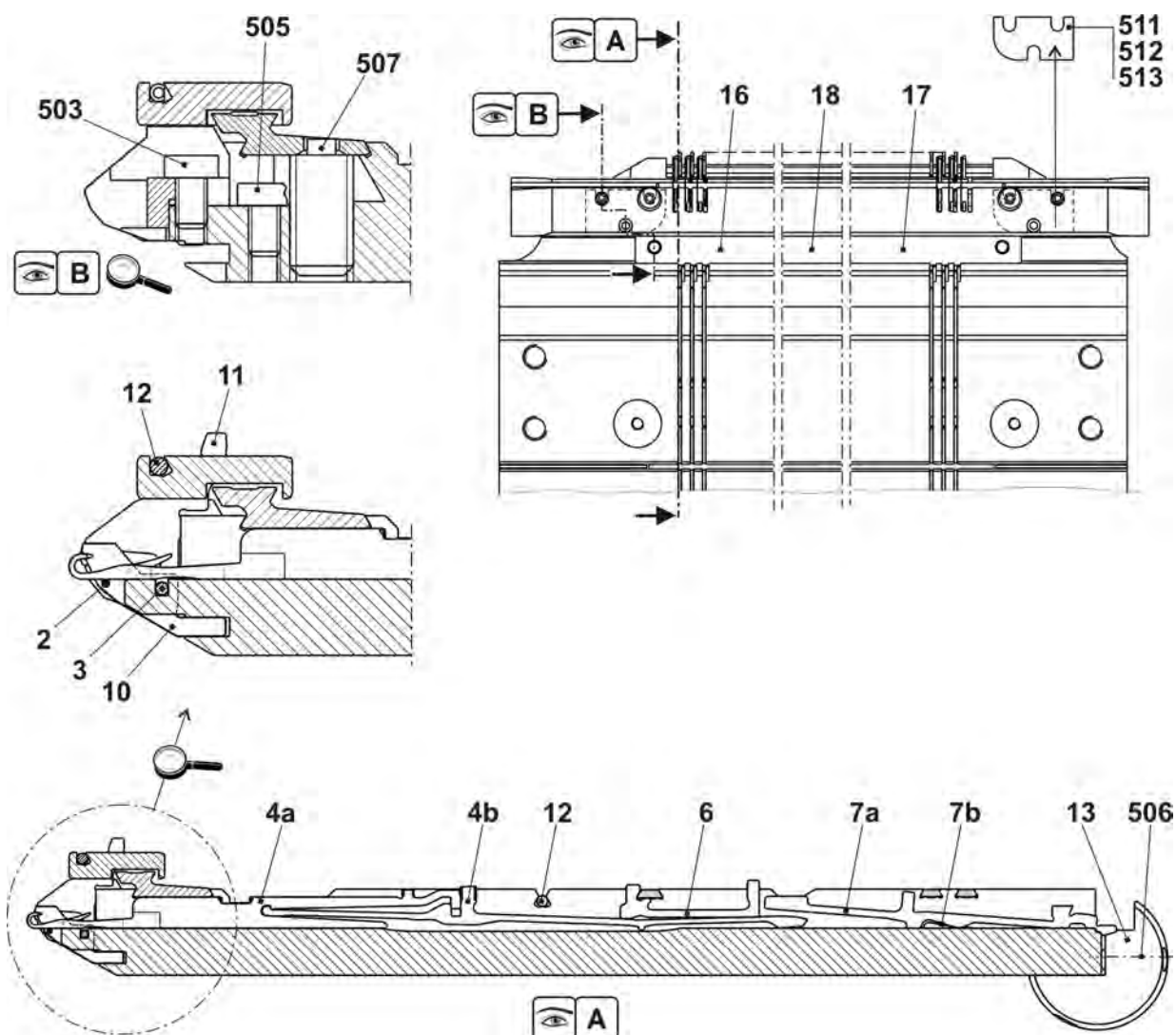
4.5.1 Continuation needle bed E7m.5

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E7m.5	238 243			
1	Needle bed at the front + rear E7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E7	238 028	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E7	238 022	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



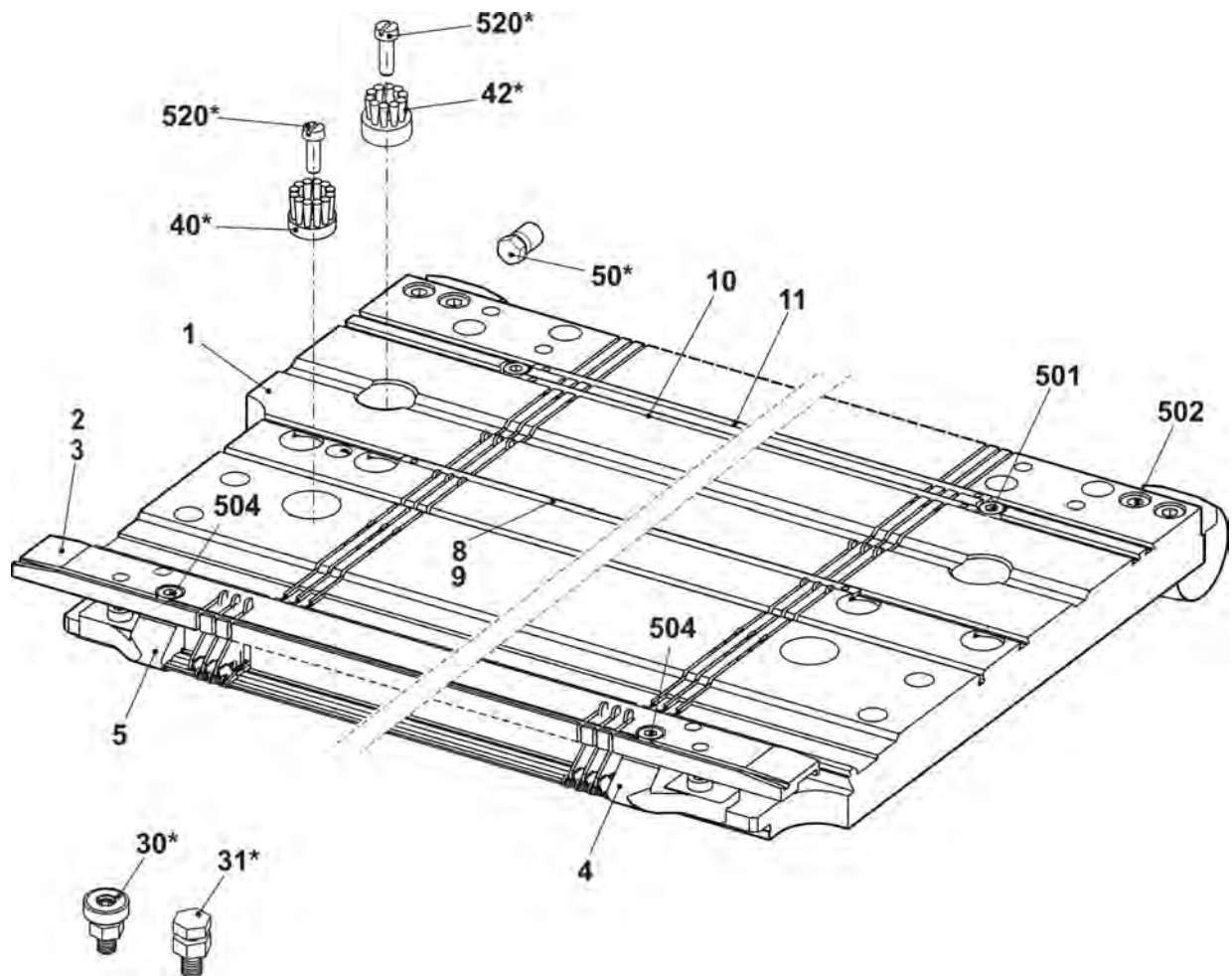
4.6 Needle bed E7m.8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E7	238 244	13	Support	206 352
2	Spring steel wire E7-8 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E8 with round hook	208 745	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E7	207 055	511	Shim 0,05x18,5x34	023 196
11	Holding-down jack E7	205 032	512	Shim 0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim 0,2x18,5x34	023 253



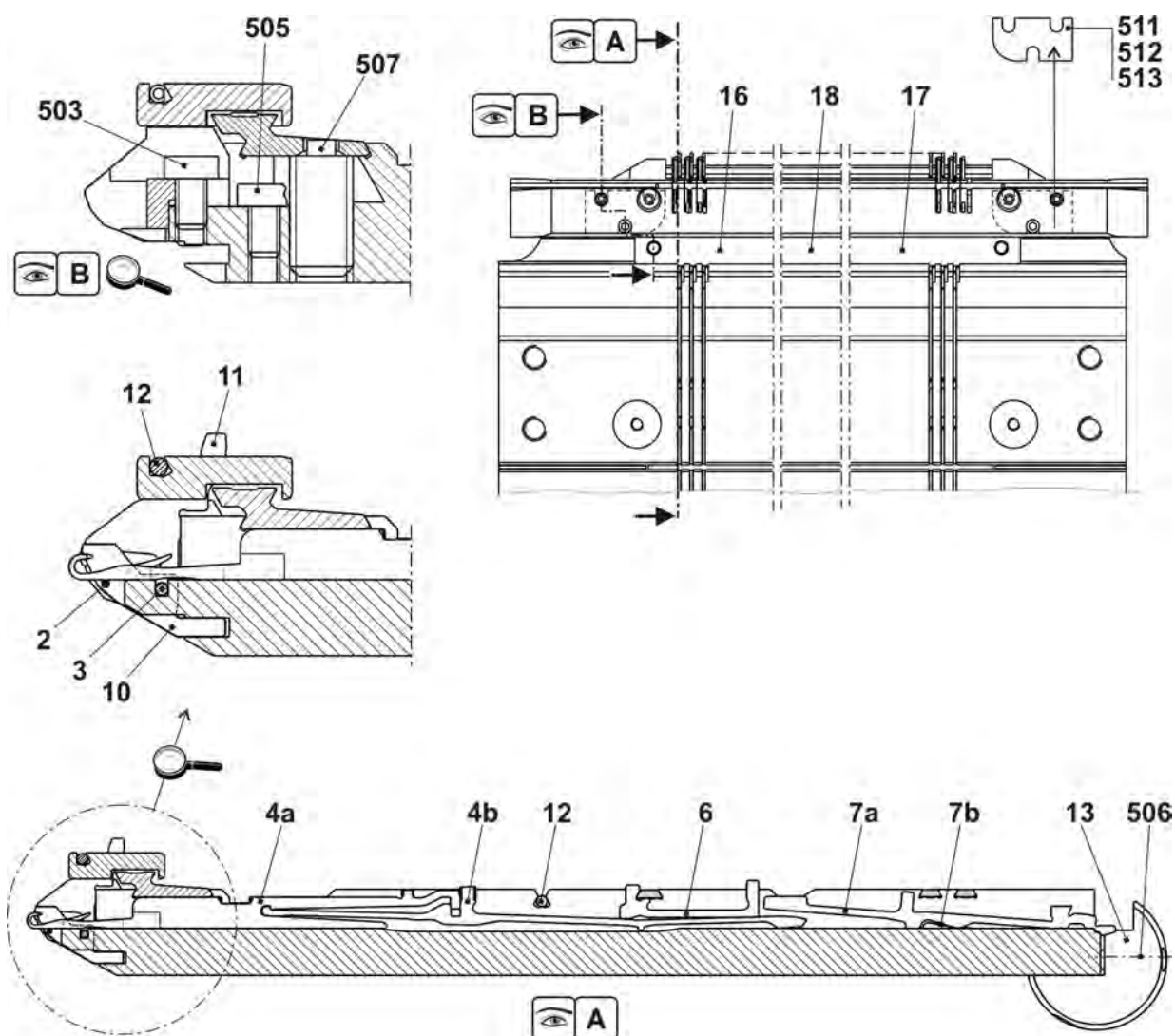
4.6.1 Continuation needle bed E7m.8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE7m.8	238 244			
1	Needle bed at the front + rearE7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E7	238 028	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E7	238 022	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



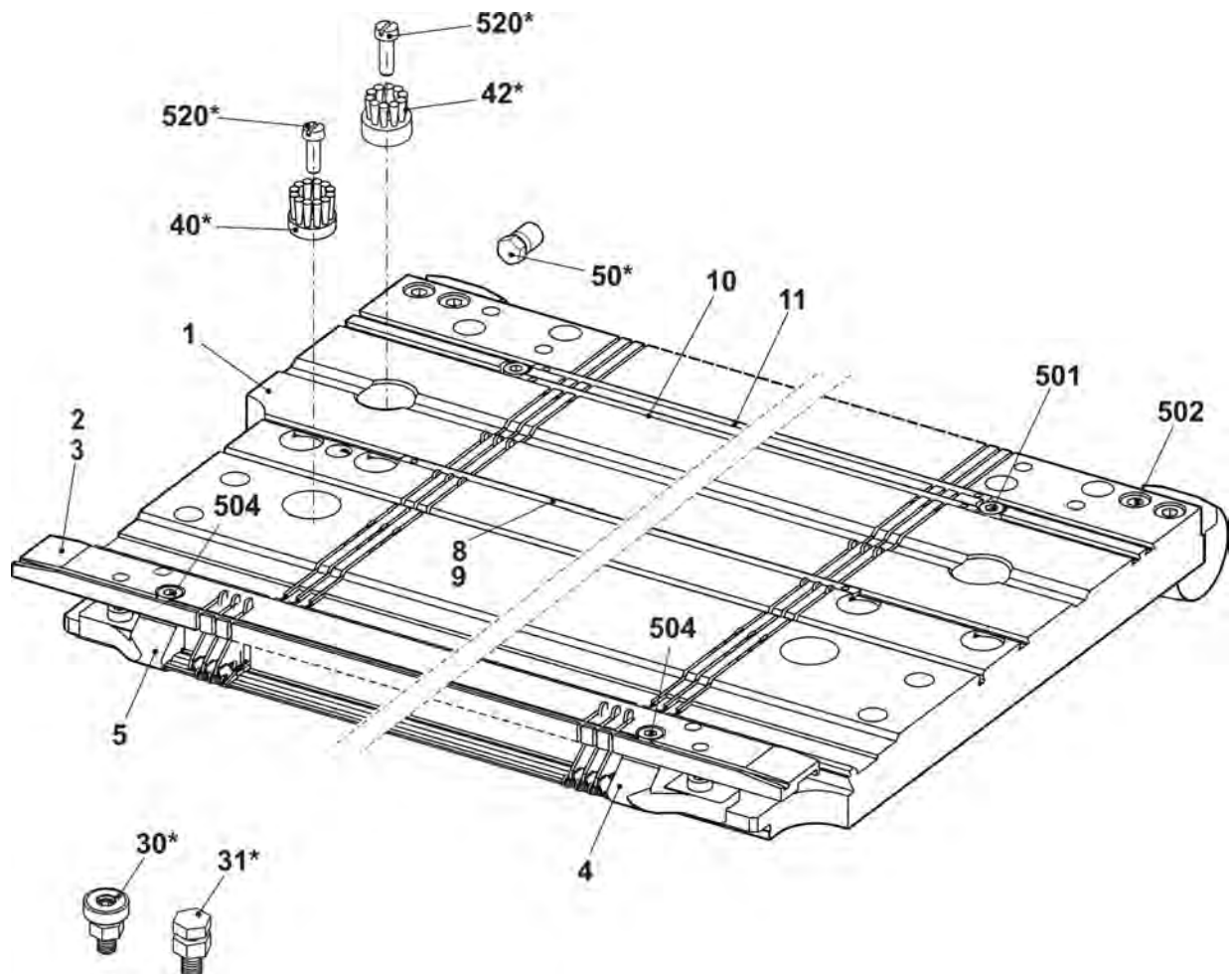
4.7 Needle bed E8m.7

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E8m.7	238 245	13	Support	206 352
2	Spring steel wire E7-8 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E7 with round hook	205 397	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E8	207 054	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E8	205 028	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



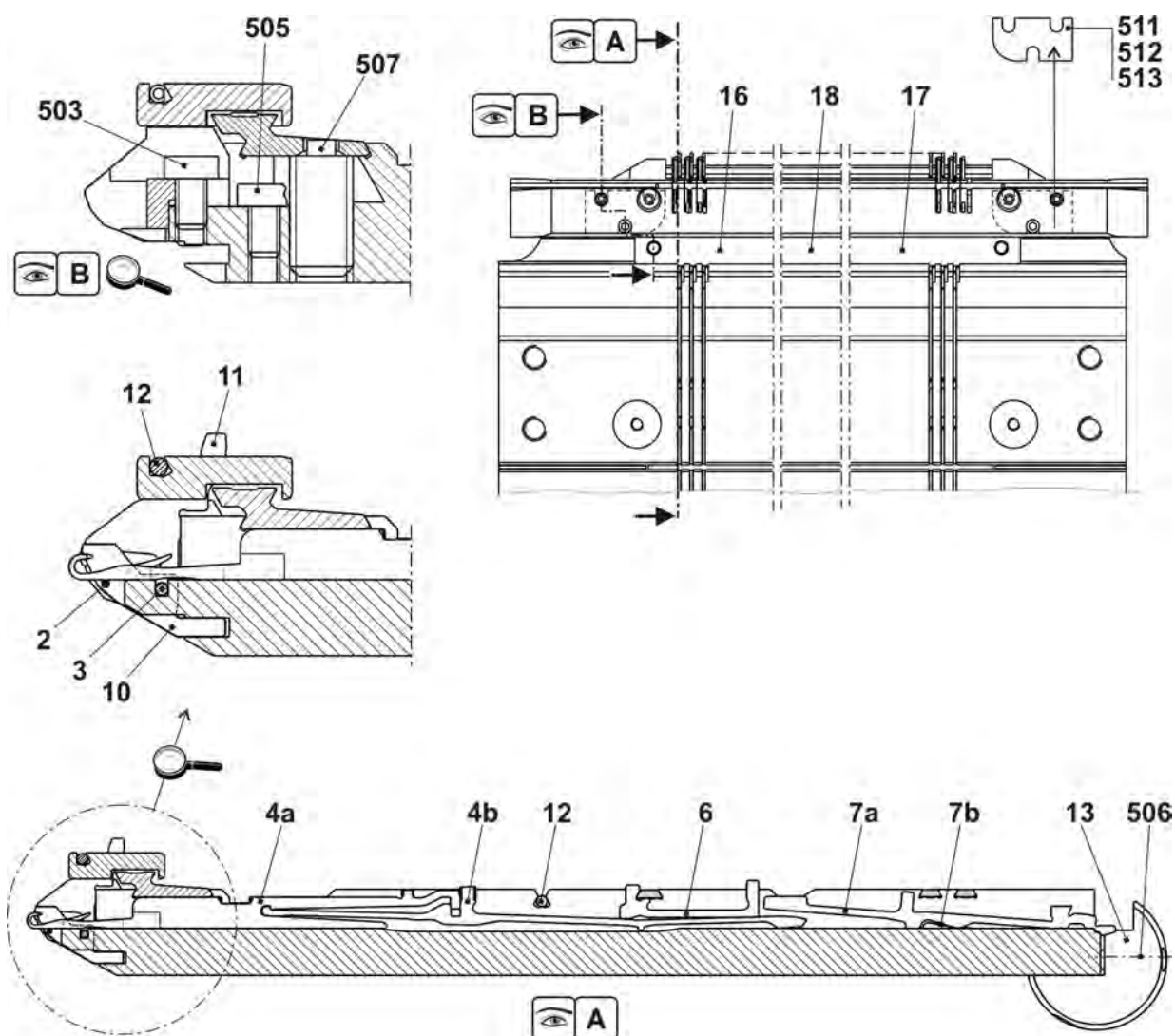
4.7.1 Continuation needle bed E8m.7

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE8m.7	238 245			
1	Needle bed at the front + rearE8	238 007	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E8	238 029	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E8	238 023	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E8	238 015	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



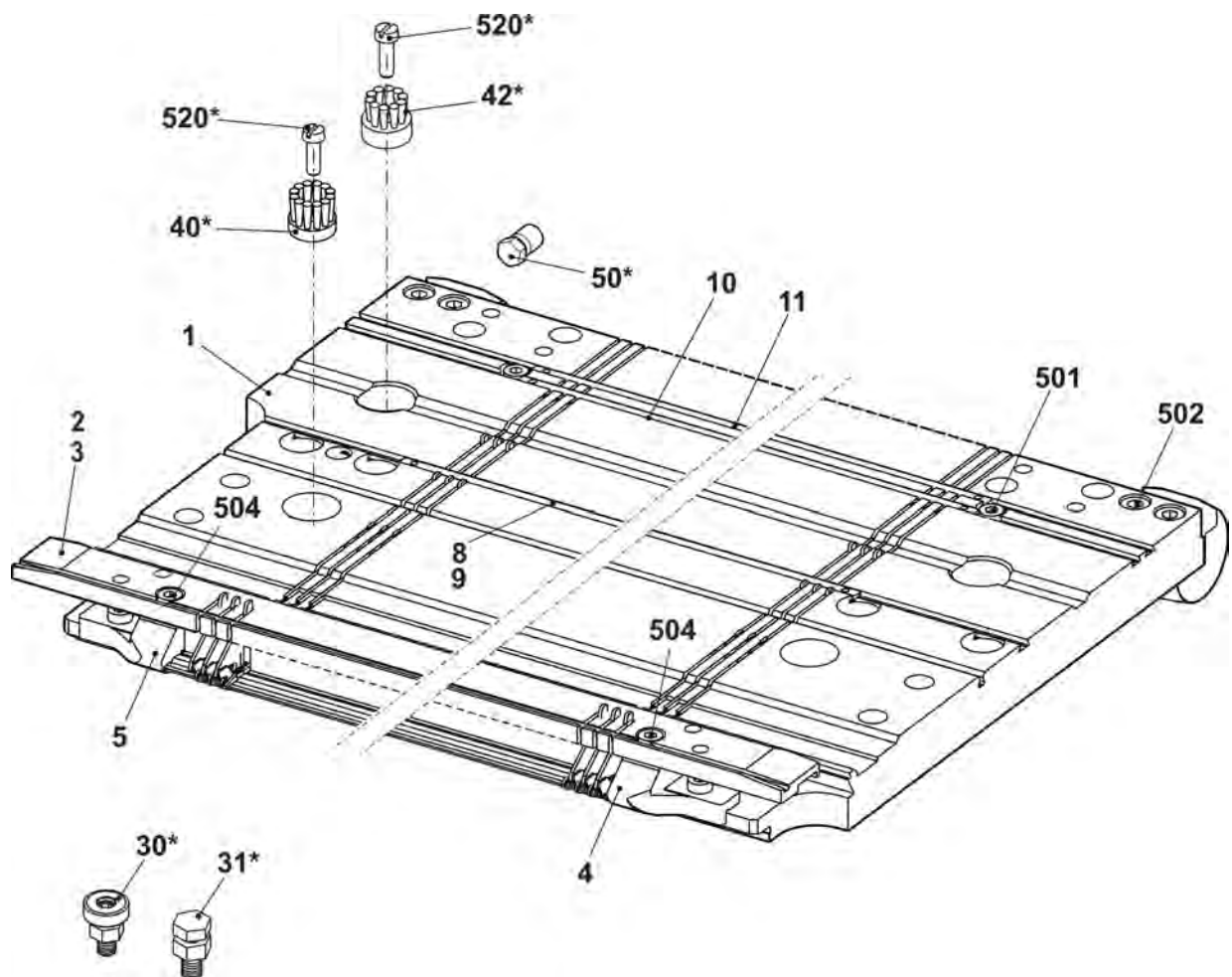
4.8 Needle bed E2,5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E2,5.2	238 220	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2	232 581	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E5	204 996	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E5	205 031	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



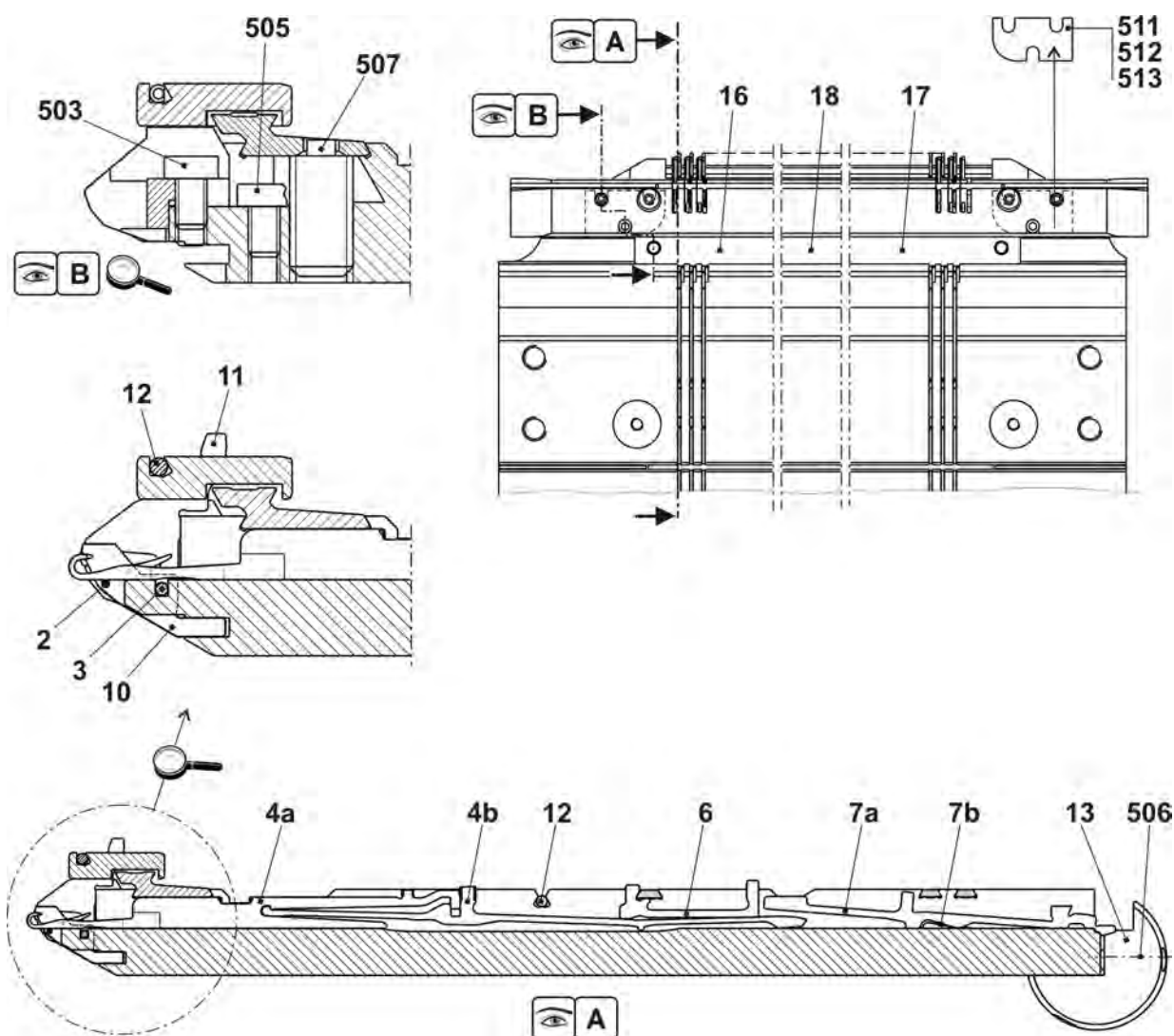
4.8.1 Continuation needle bed E2,5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE2,5.2	238 220			
1	Needle bed at the front + rearE5	238 005	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rearE2,5.2 KW	237 497	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E2,5.2 KW	237 489	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front	237 377	42*	Disk brush ø12	235 612
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



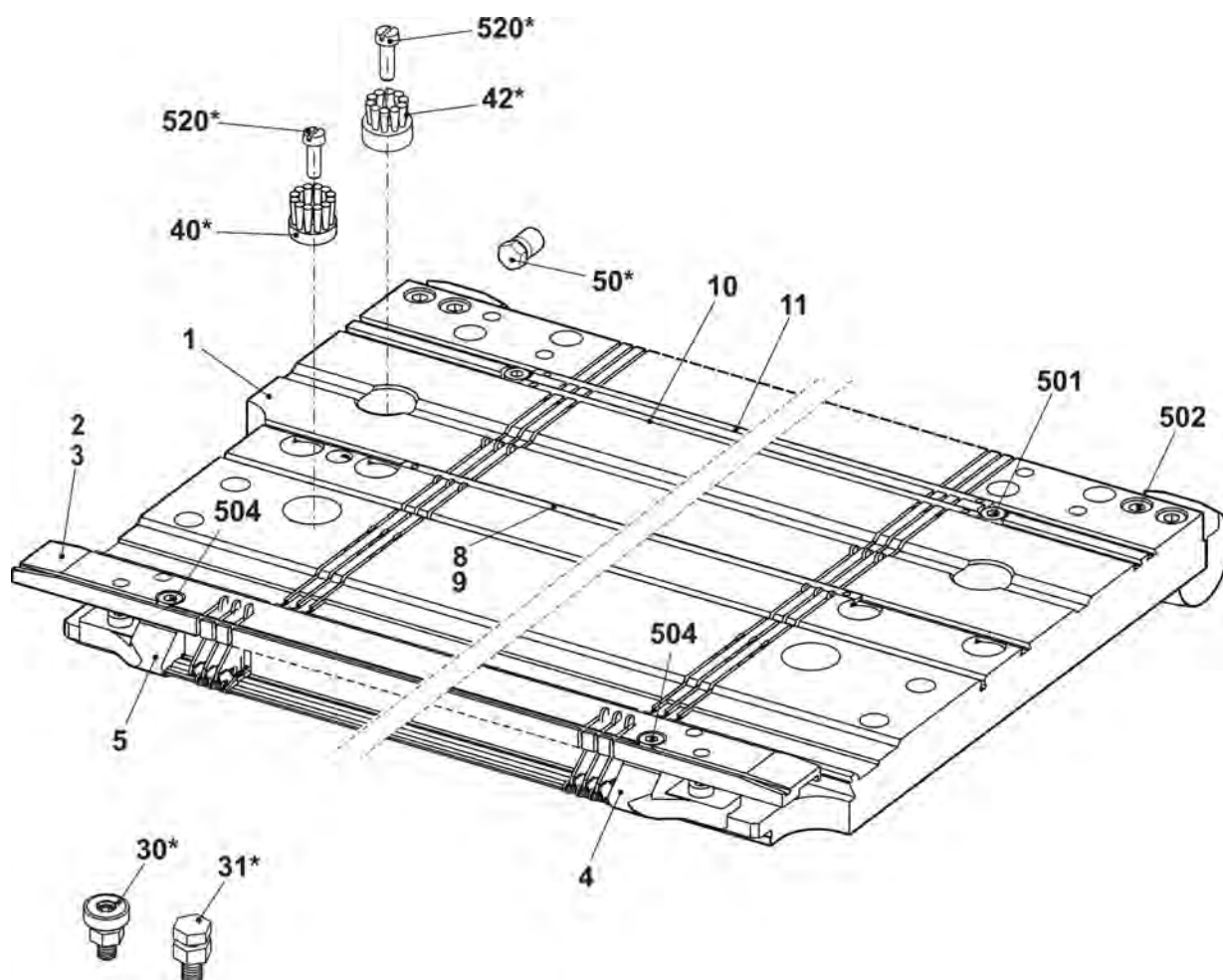
4.9 Needle bed E3,5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E3,5.2	238 221	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2	232 581	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E3,5.2	229 034	511	Shim0,05x18,5x34	023 196
11	Holding-down jack breast	229 032	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



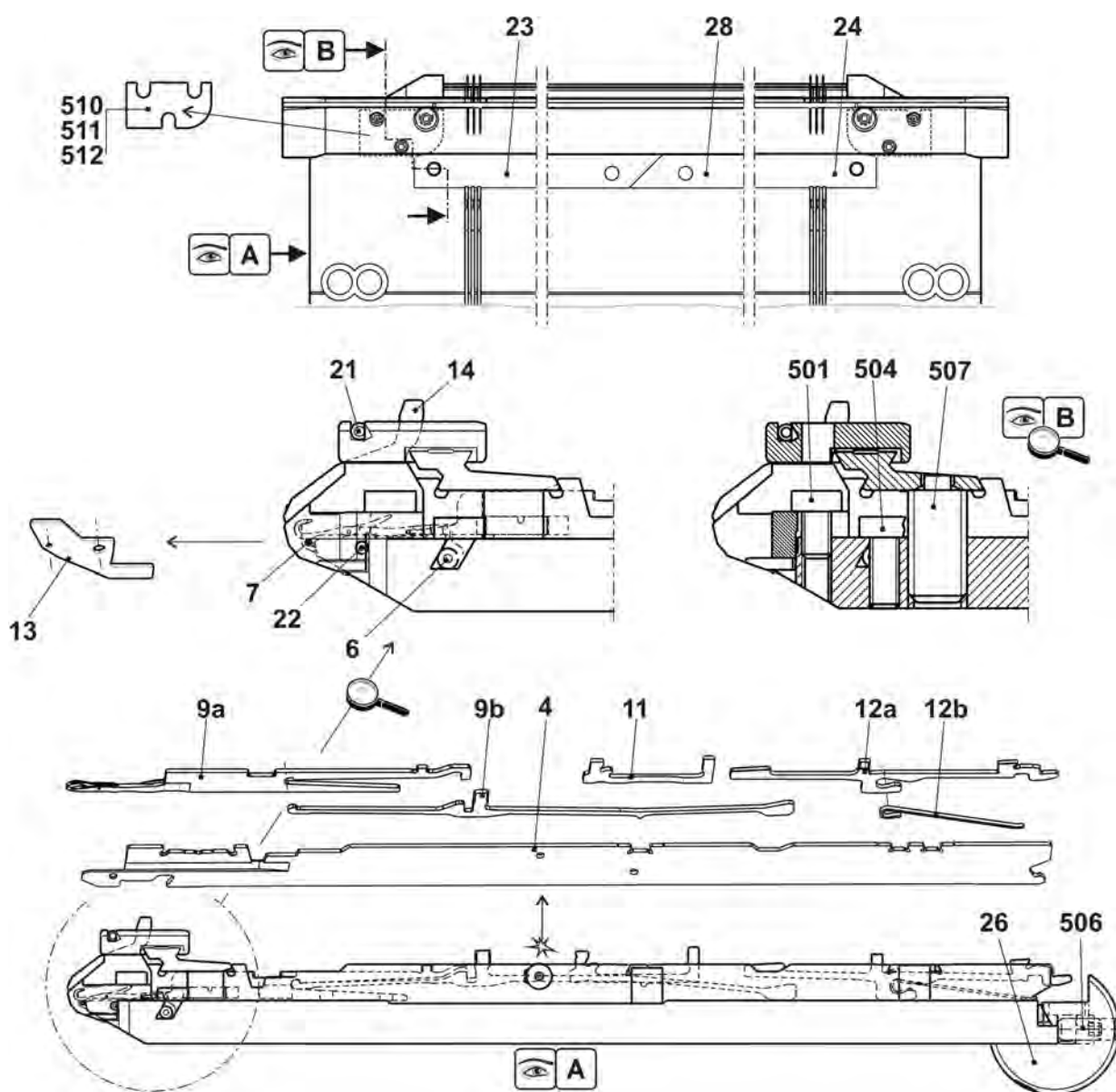
4.9.1 Continuation needle bed E3,5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE3,5.2	238 221			
1	Needle bed at the front + rearE7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E3,5.2	237 498	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E3,5.2	237 490	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



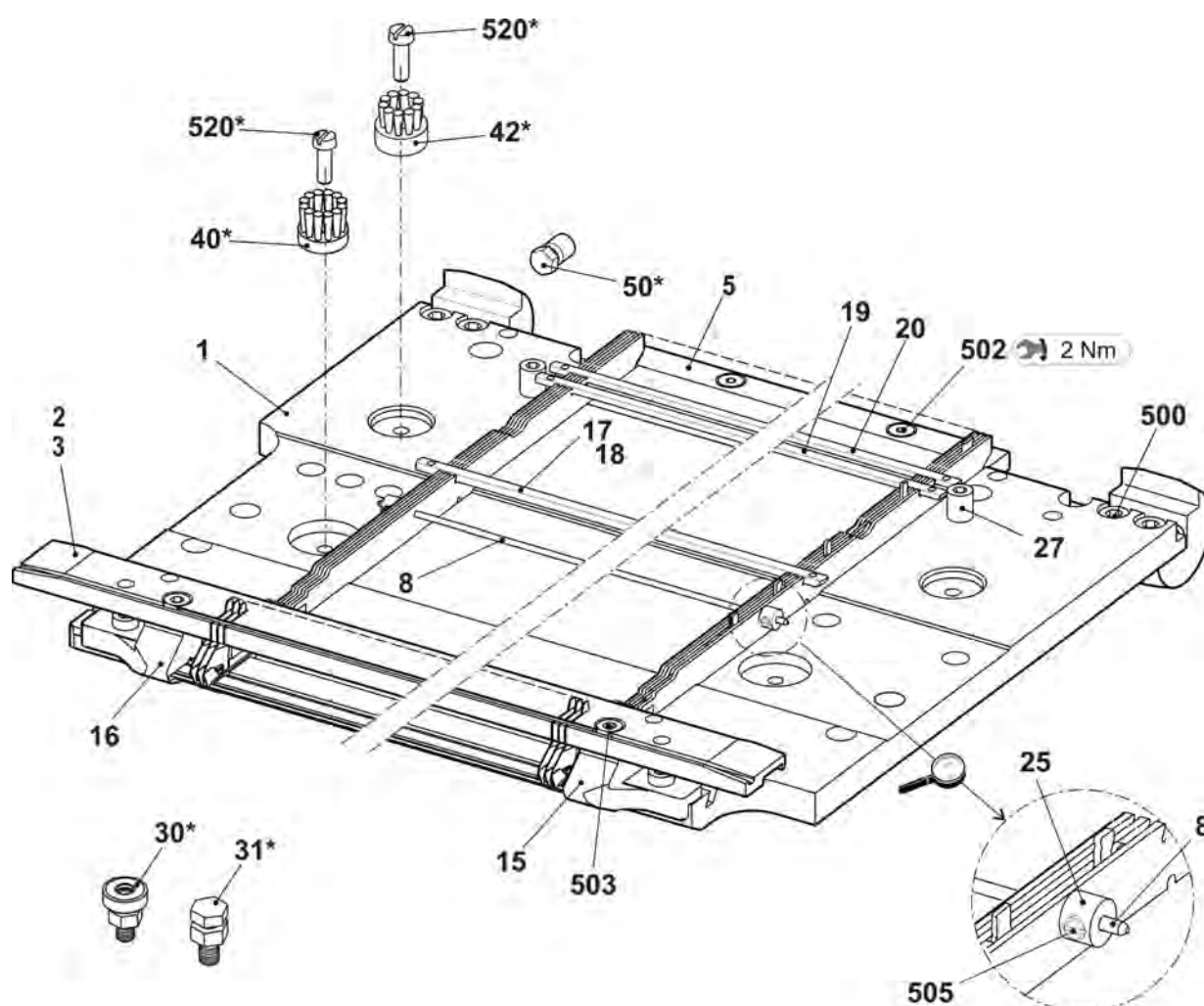
4.10 Needle bed E5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E5.2	237 513	22	Spring steel wire Ø1,95	223 852
4	Main trick wall E5.2	219 171	23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868	24	Needle bar on the right	205 312
7	Spring steel wire E4-5 Ø1,0	237 406	26	Support	206 352
9a	Needle E5.2	219 181	28	Needle bar in the middle	237 387
9b	Coupling part E5.2	219 188	501	Cap screw M5x8-8.8 M	023 154
11	Intermediate slider with brake E5.2	236 030	504	Cap screw M5x12-8.8	022 943
12a	Selection jack E5.2	219 214	506	Setscrew M6x12-45	022 400
12b	Selector spring 5.2	219 265	507	Springy thrust piece B-M10	023 177
13	Knock-over bit E5.2	221 367	510	Shim0,05x18,5x34	023 196
14	Holding-down jack breast E5.2	229 832	511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	223 862	512	Shim0,2x18,5x34	023 253



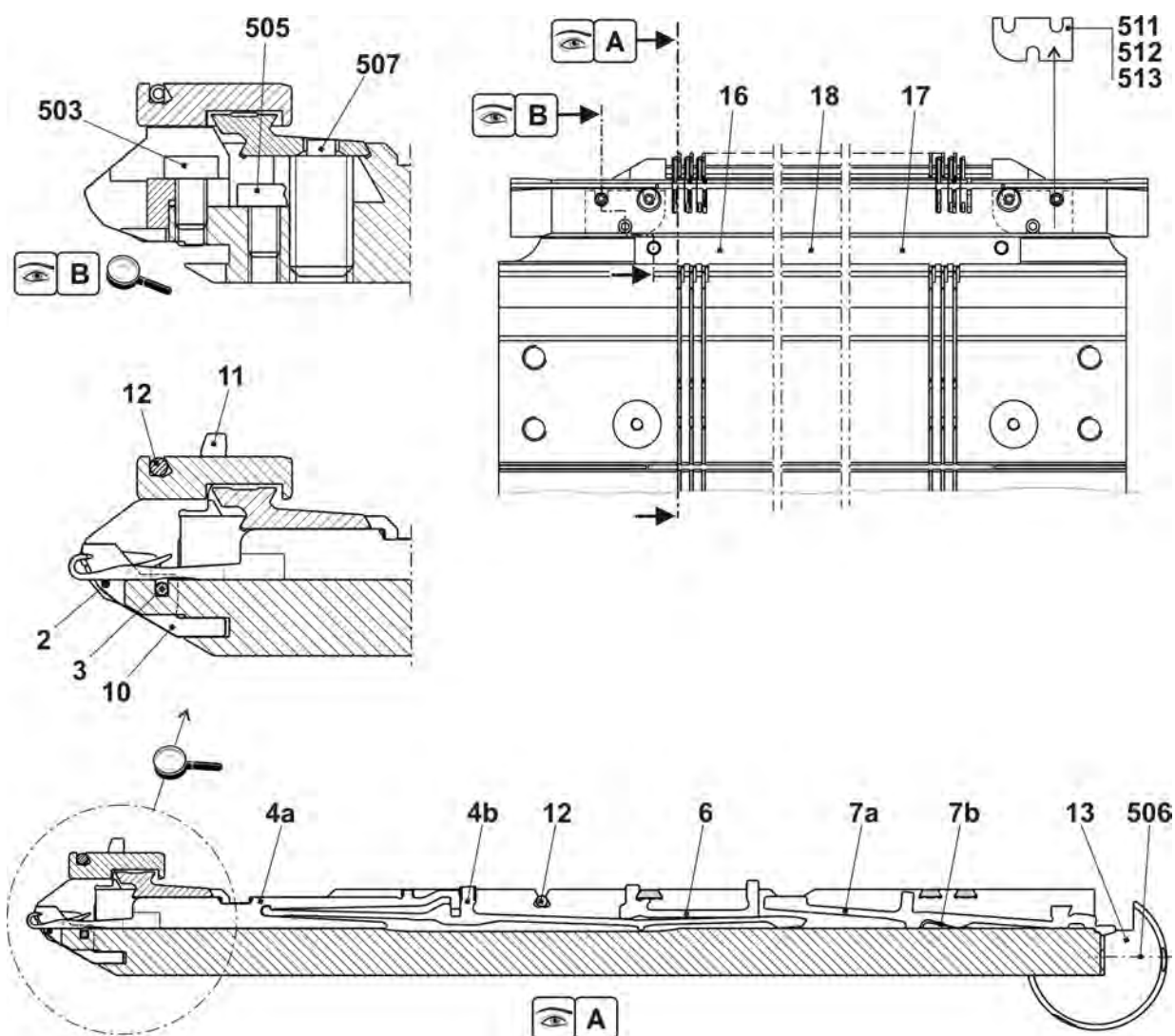
4.10.1 Continuation needle bed E5.2 k&w

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE5.2	237 513	25	Bush	206 090
1	Needle bed at the front + rearE5.2	237 484	27	Stop screw	214 039
2	Holding-down jack bed at the front E5.2	237 491	500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E5.2	237 499	502	Cap screw M5x8	023 379
5	Pressure slide	237 509	503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	223 854	505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
16	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
17	Cover rail at the rear	237 379	40*	Disk brush	235 612
18	Cover rail at the front E5.2	237 506	42*	Disk brush ø12	202 600
19	Cover rail	237 382	50*	Adjusting bolt	240 765
20	Cover rail	237 383	520*	Cap screw M5x12	020 032



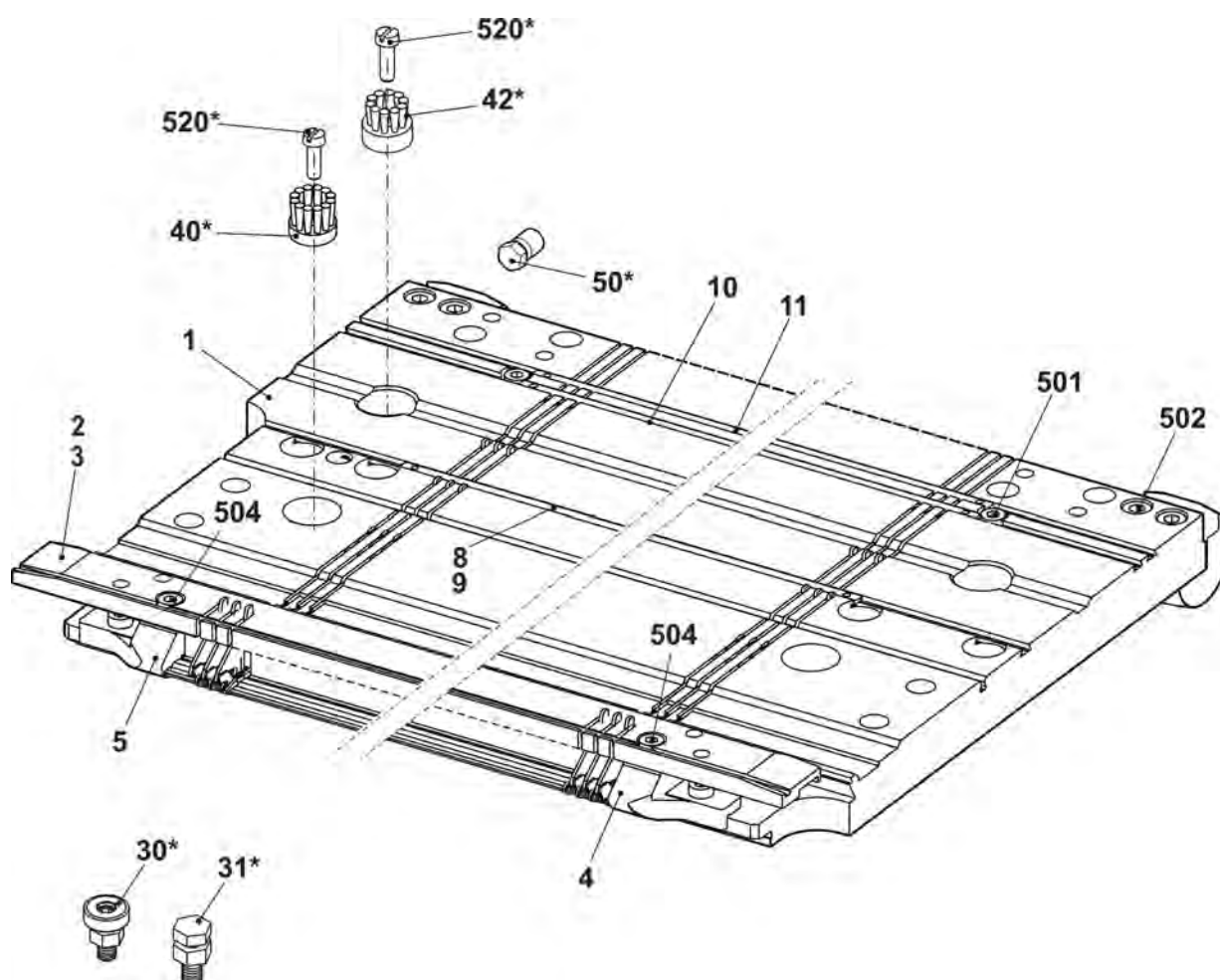
4.11 Needle bed E2,5.2m.4L mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E2,5.2m.4L	260 128	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2m.4L	258 694	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E5	204 996	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E5	205 031	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



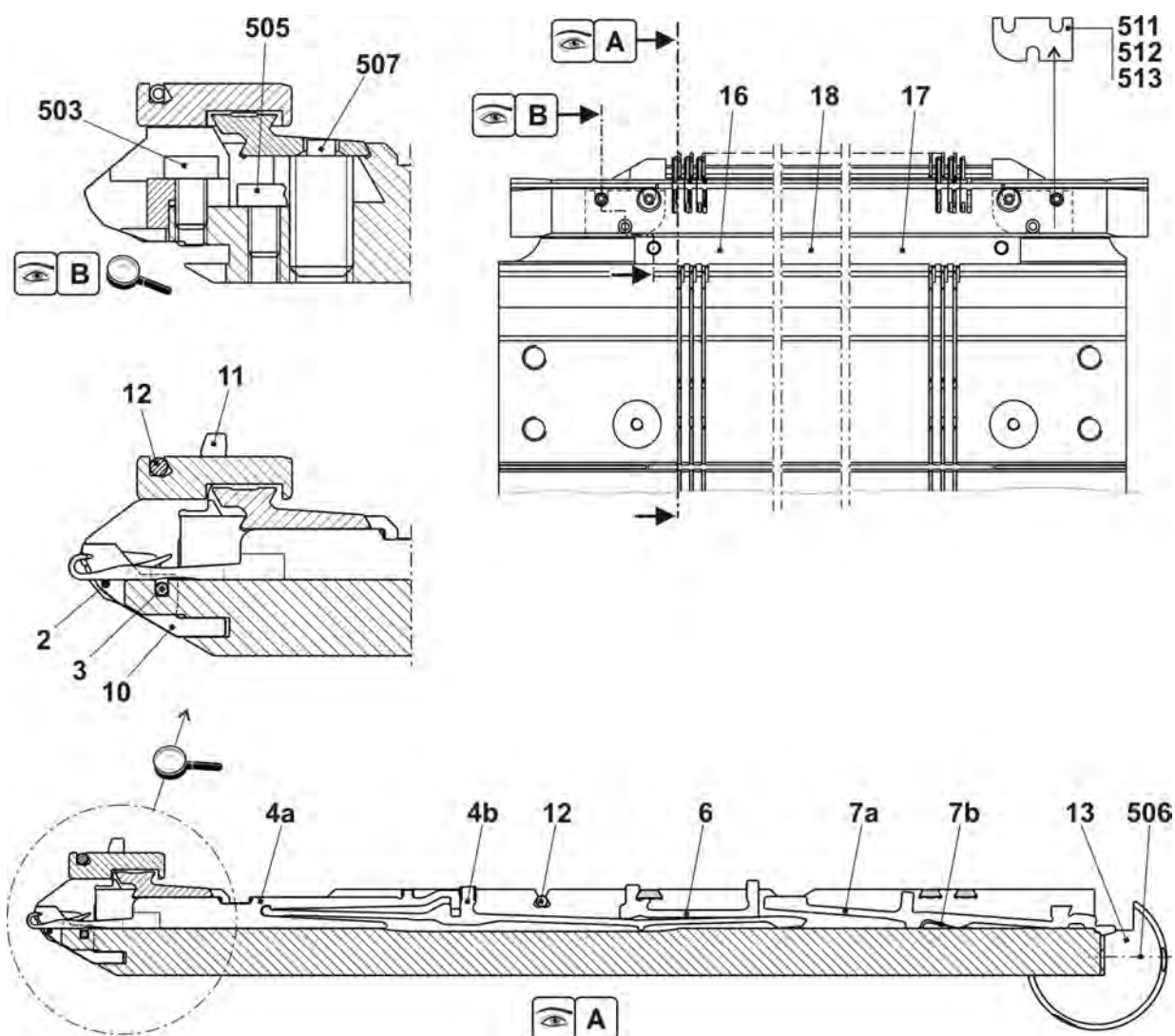
4.11.1 Continuation needle bed E2,5.2m.4L mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE2,5.2m.4L	260 128			
1	Needle bed at the front + rearE5	238 005	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rearE2,5.2 MG	240 012	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E2,5.2 MG	240 011	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E5	237 377	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



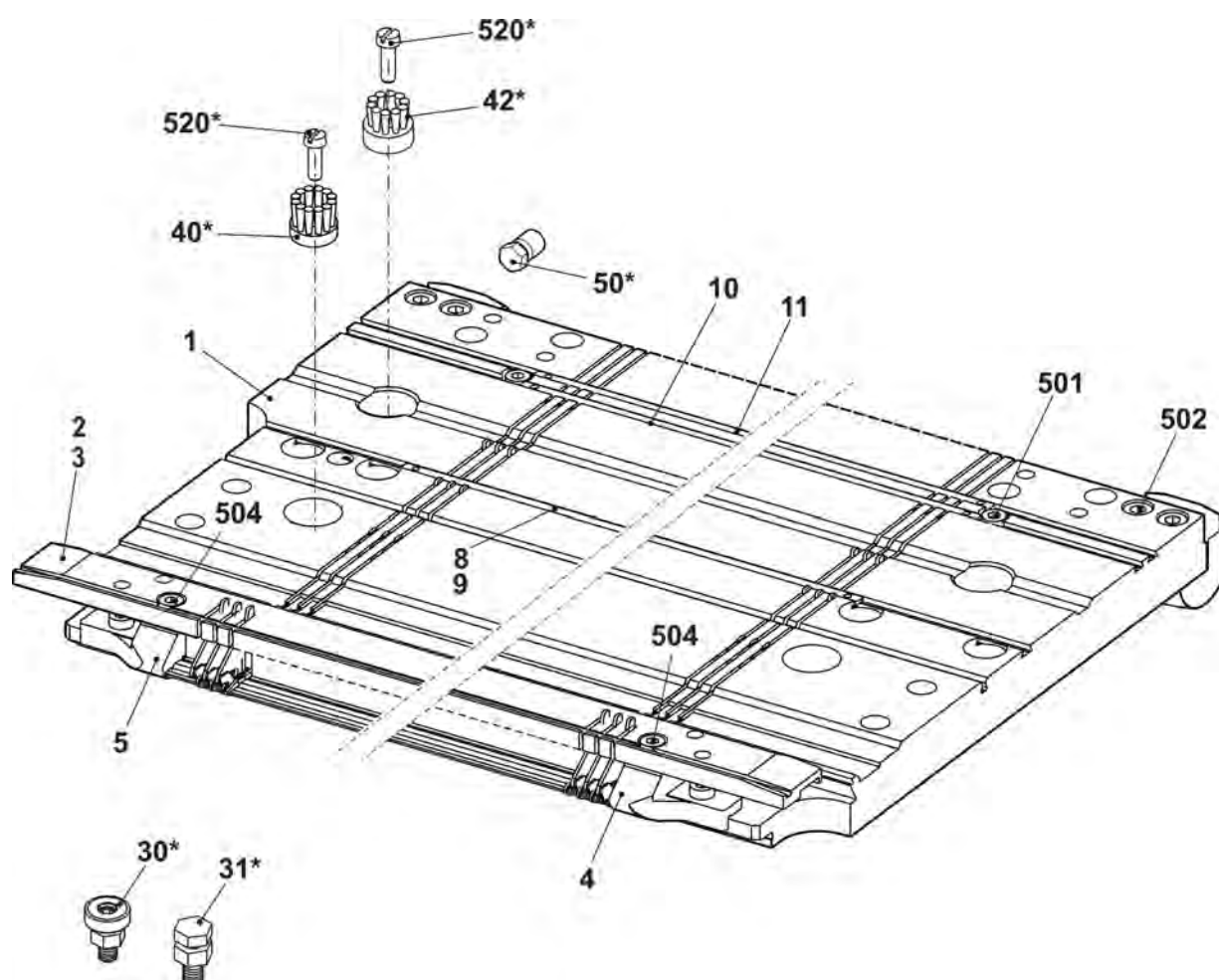
4.12 Needle bed E3,5.2m.4L mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E3,5.2m.4L	260 132	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2m.4L	258 694	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E7	207 055	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E7	205 032	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



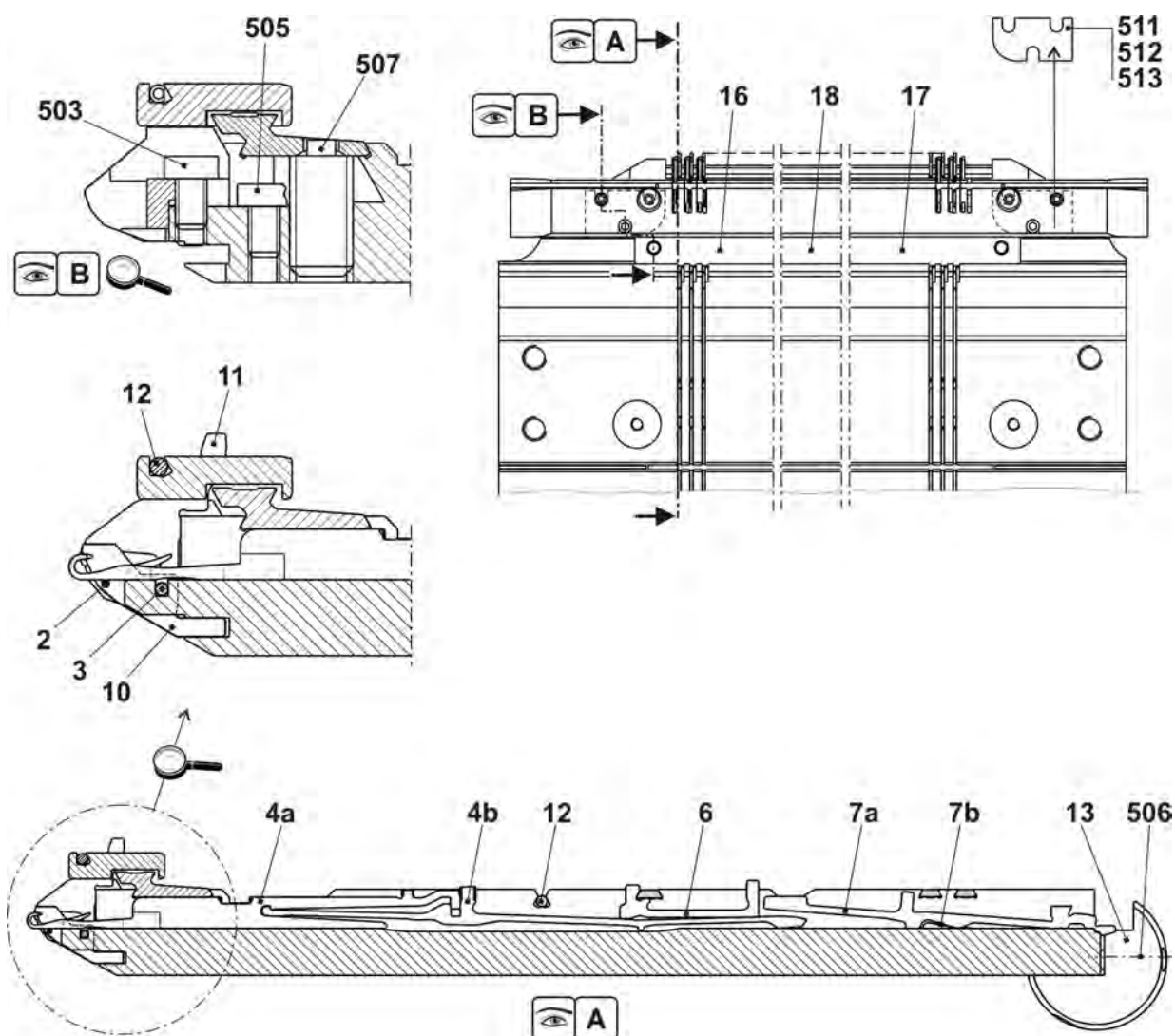
4.12.1 Continuation needle bed E3,5.2m.4L mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E2,5.2m.4L	260 132			
1	Needle bed at the front + rear E7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E3,5.2	237 498	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E3,5.2	237 490	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



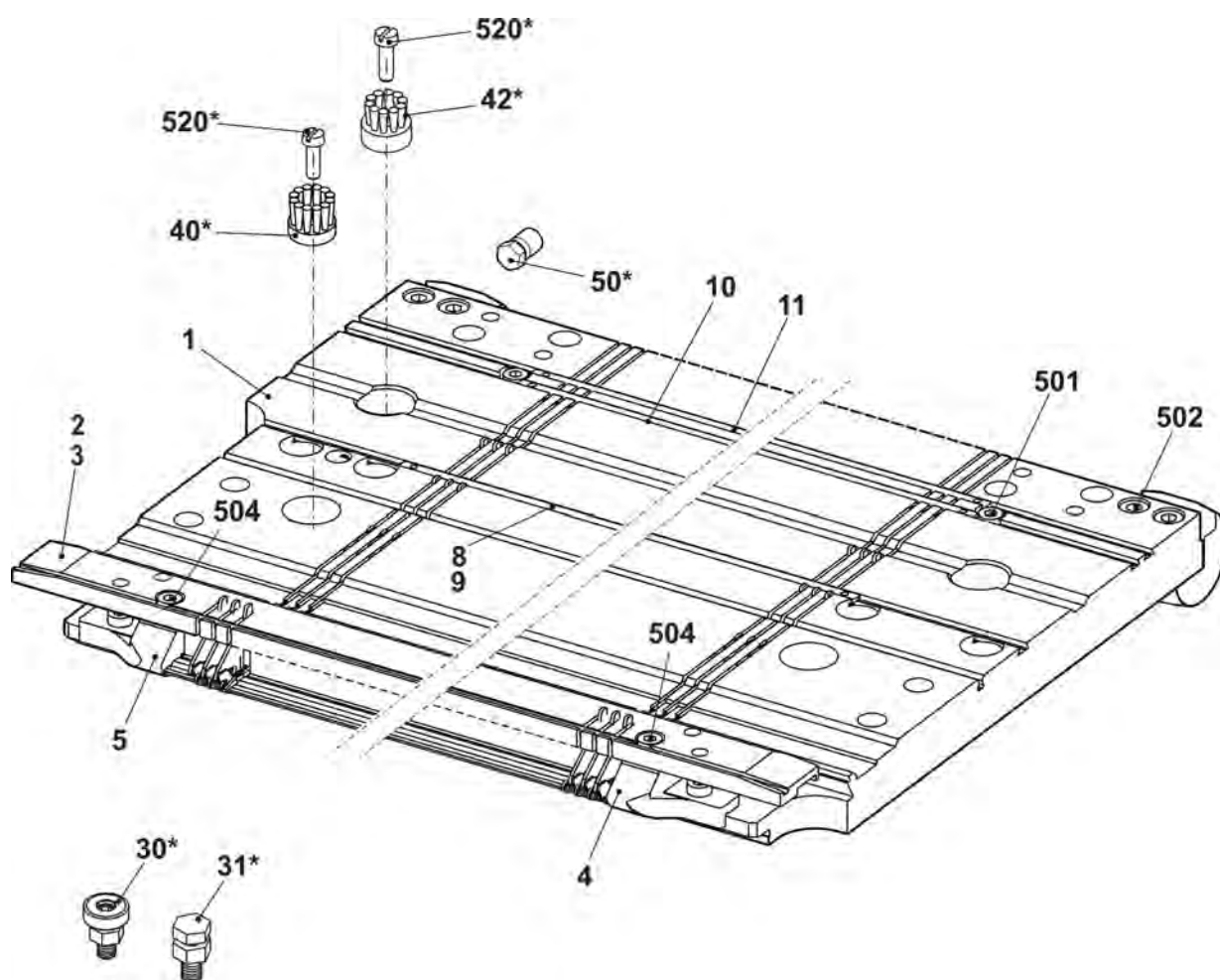
4.13 Needle bed E2,5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E2,5.2	239 227	13	Support	206 352
2	Spring steel wire E4-5 Ø1,0	237 406	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2	232 581	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E5	204 996	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E5	205 031	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



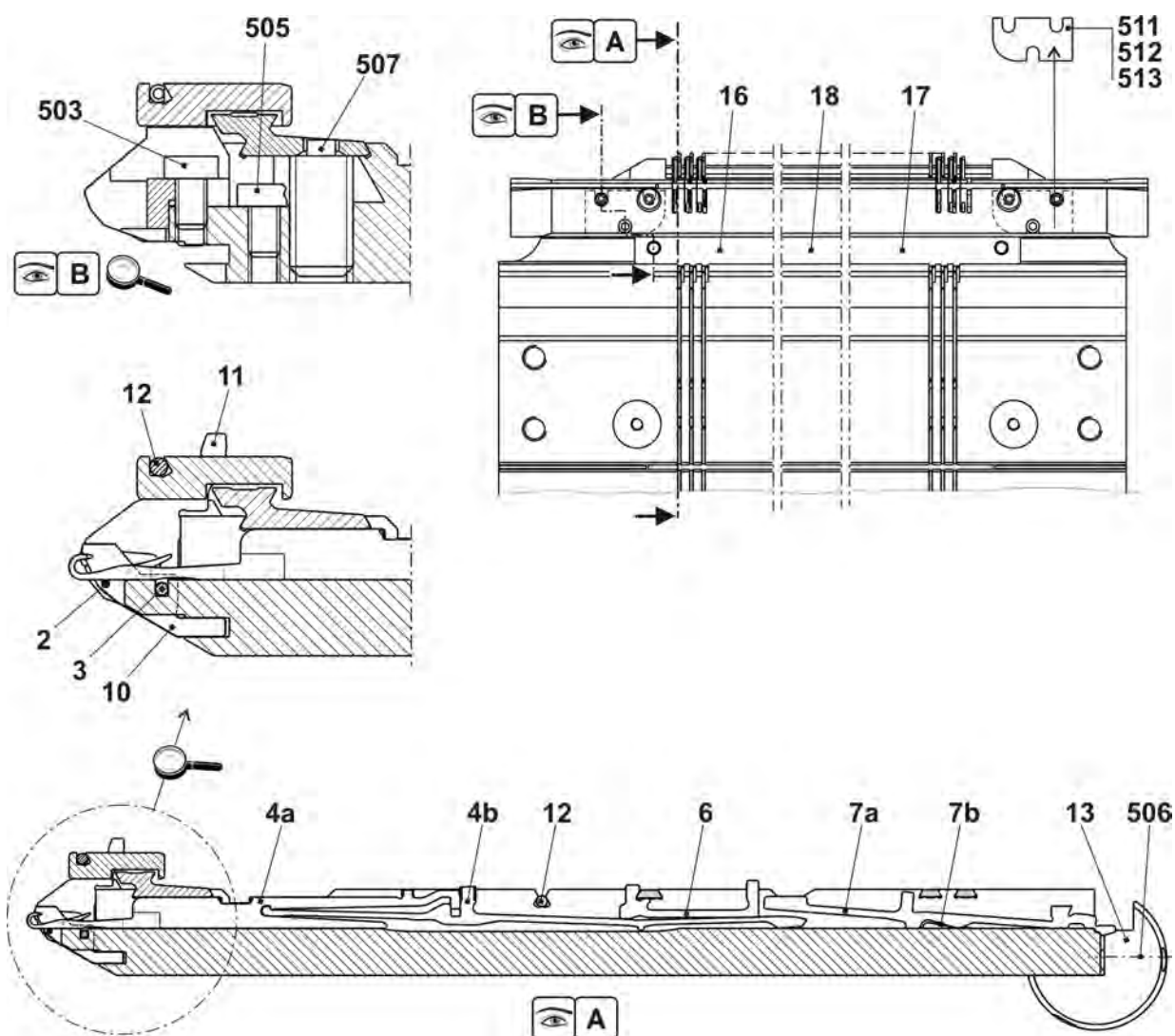
4.13.1 Continuation needle bed E2,5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE2,5.2	239 227			
1	Needle bed at the front + rearE5	238 005	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rearE2,5.2 MG	240 012	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E2,5.2 MG	240 011	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E5	237 377	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



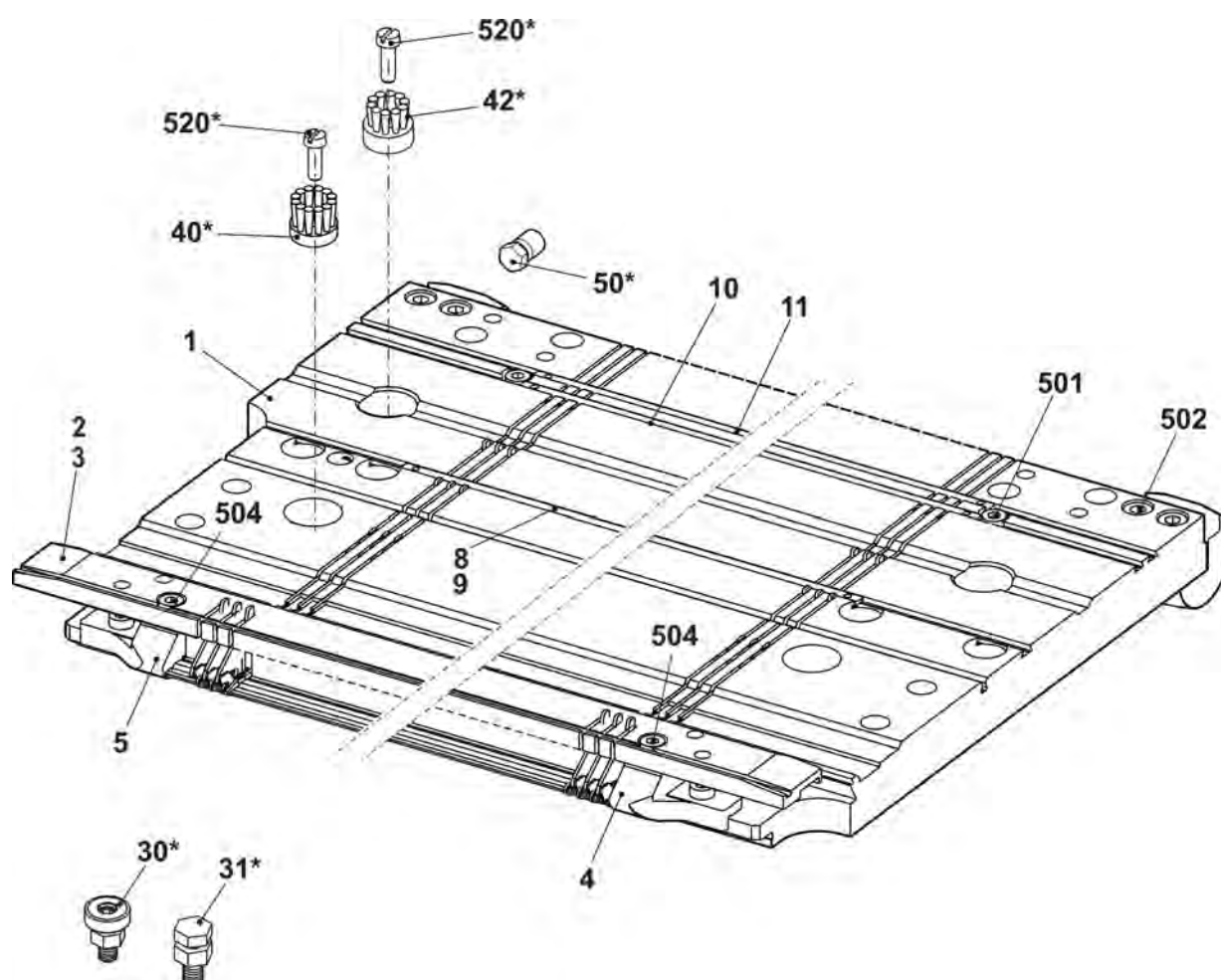
4.14 Needle bed E3,5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E3,5.2	239 228	13	Support	206 352
2	Spring steel wire E4-5 Ø0,8	227 078	16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854	17	Needle bar on the right	205 312
4a	Needle E2,5.2-3,5.2	232 581	18	Needle bar in the middle	237 387
4b	Coupling part E5-8	253 381	503	Cap screw M5x8-8.8	023 154
6	Intermediate slider with brake E5-8	237 323	505	Cap screw M5x8	023 379
7a	Selection jack E4-8	200 687	506	Setscrew M6x12-45	022 400
7b	Selector spring E4-8	200 690	507	Springy thrust piece B-M10	023 177
10	Knock-over bit E7	207 055	511	Shim0,05x18,5x34	023 196
11	Holding-down jack E7	205 032	512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862	513	Shim0,2x18,5x34	023 253



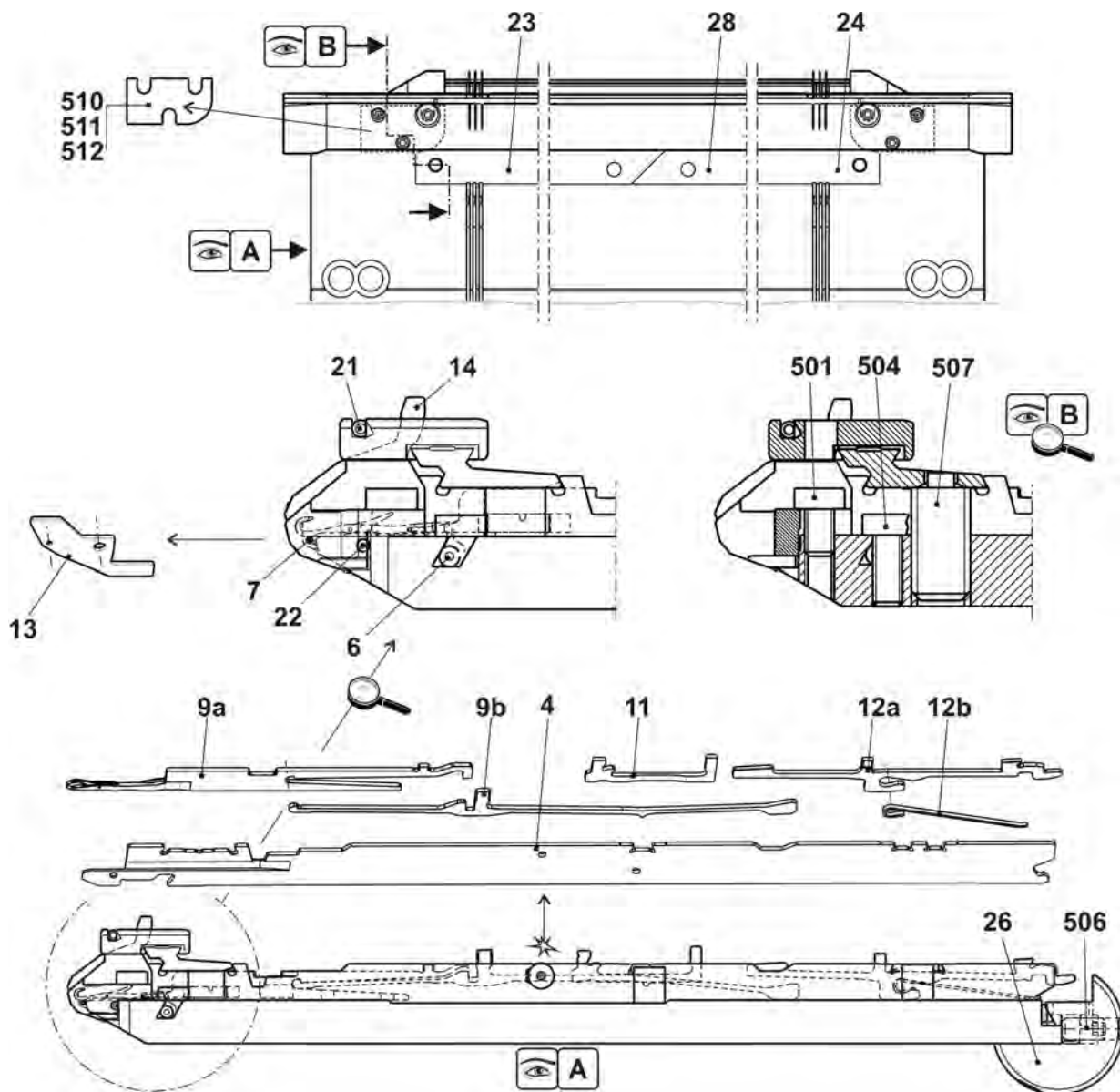
4.14.1 Continuation needle bed E3,5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE3,5.2	239 228			
1	Needle bed at the front + rearE7	238 006	501	Cap screw M5x10	022 918
2	Holding-down jack bed at the rear E3,5.2	237 498	502	Cap screw M6x25	020 137
3	Holding-down jack bed at the front E3,5.2	237 490	504	Cap screw M5x22	023 193
4	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
5	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
8	Cover rail at the rear	237 379	40*	Disk brush	235 612
9	Cover rail at the front E3,5.2	238 018	42*	Disk brush ø12	202 600
10	Cover rail	237 382	50*	Adjusting bolt	240 765
11	Cover rail	237 383	520*	Cap screw M5x12	020 032



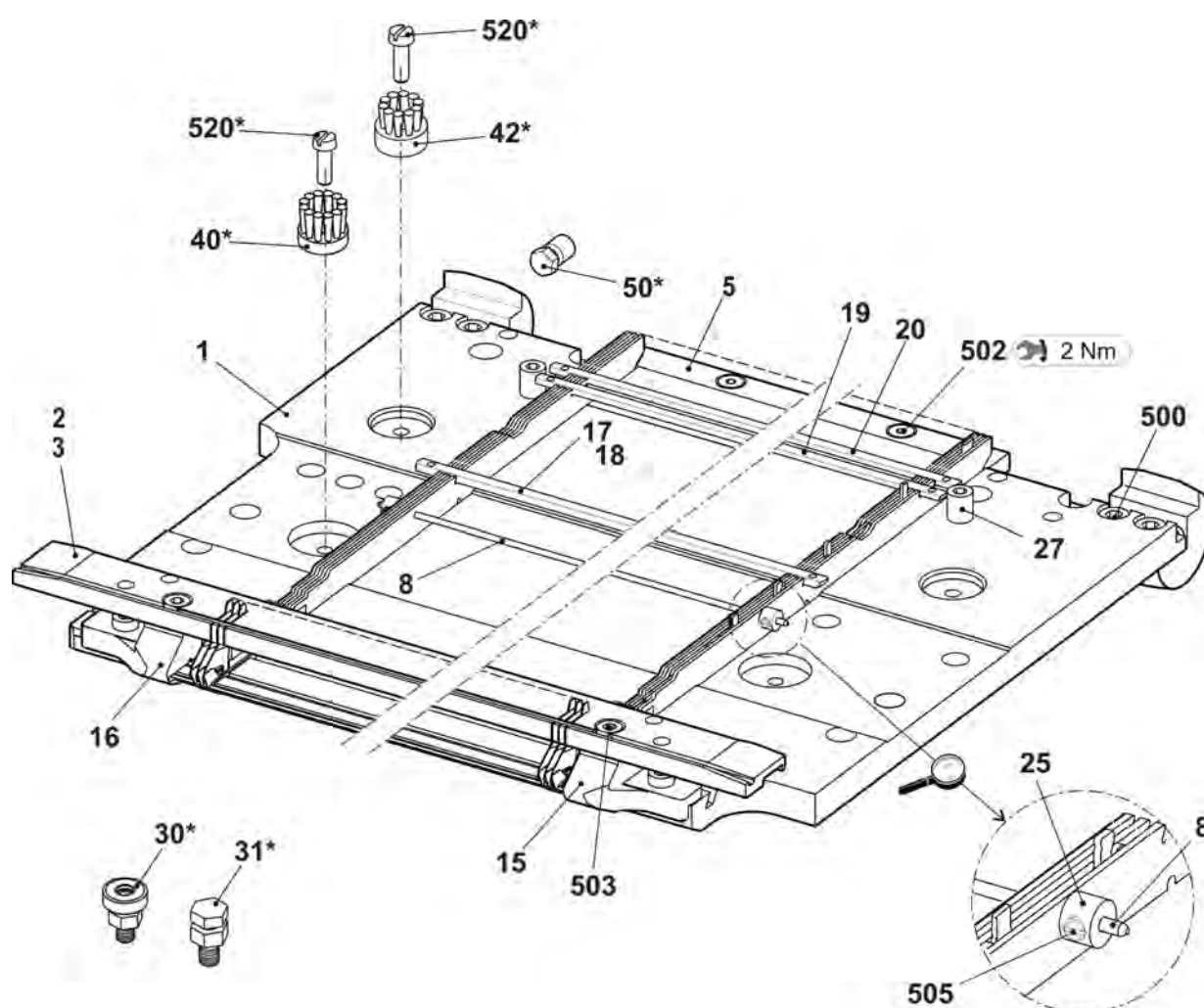
4.15 Needle bed E5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rear E5.2 mg	237 513	22	Spring steel wire Ø1,95	223 852
4	Main trick wall E5.2	219 171	23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868	24	Needle bar on the right	205 312
7	Spring steel wire E4-5 Ø1,0	237 406	26	Support	206 352
9a	Needle E5.2	219 181	28	Needle bar in the middle	237 387
9b	Coupling part E5.2	219 188	501	Cap screw M5x8-8.8 M	023 154
11	Intermediate slider with brake E5.2	236 030	504	Cap screw M5x12-8.8	022 943
12a	Selection jack E5.2	219 214	506	Setscrew M6x12-45	022 400
12b	Selector spring 5.2	219 265	507	Springy thrust piece B-M10	023 177
13	Knock-over bit E5.2	221 367	510	Shim0,05x18,5x34	023 196
14	Holding-down jack breast E5.2	229 832	511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	223 862	512	Shim0,2x18,5x34	023 253



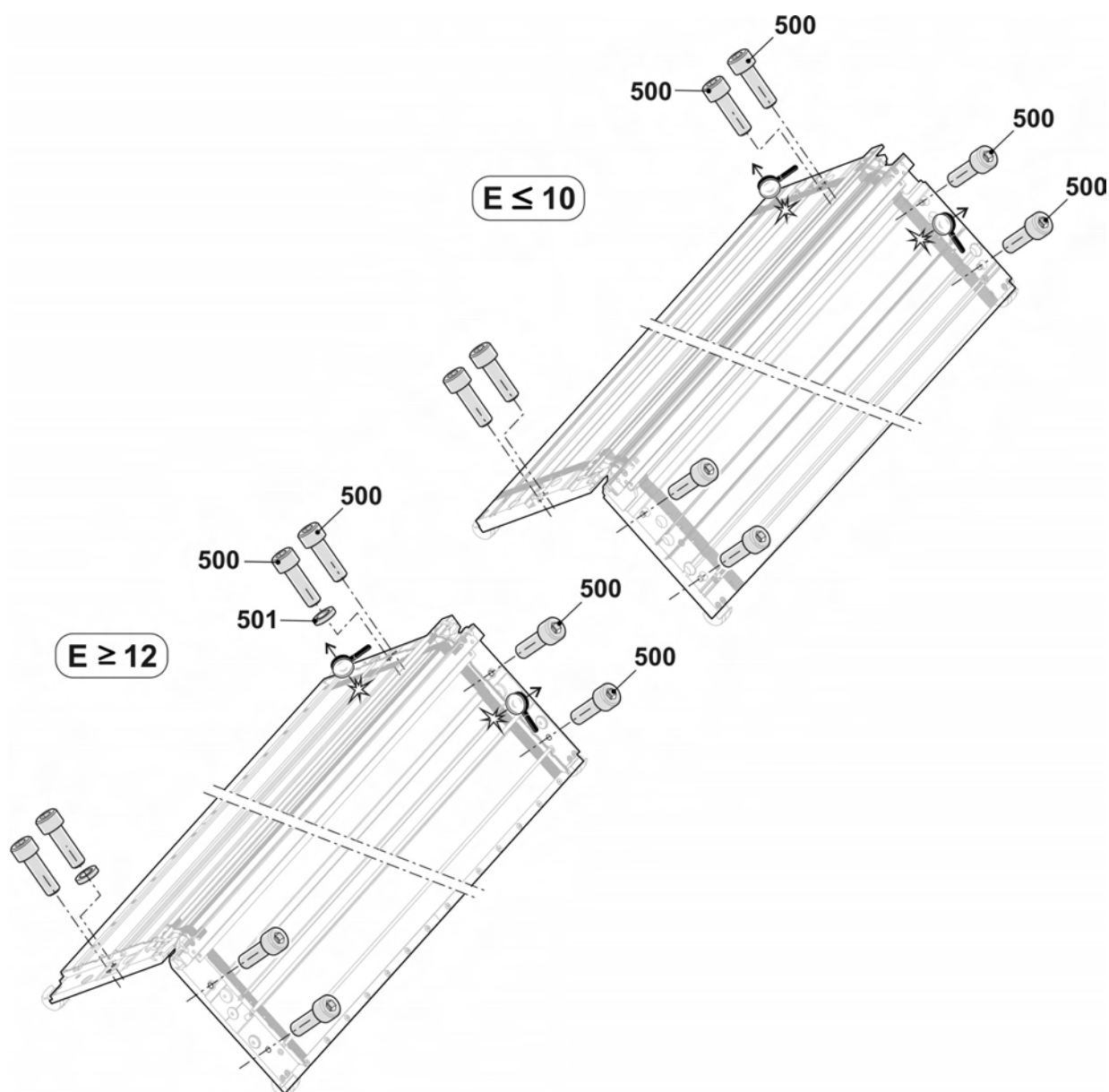
4.15.1 Continuation needle bed E5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle bed complete at the front + rearE5.2	237 513	25	Bush	206 090
1	Needle bed at the front + rearE5.2	237 484	27	Stop screw	214 039
2	Holding-down jack bed at the front E5.2	237 491	500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E5.2	237 499	502	Cap screw M5x8	023 379
5	Pressure slide	237 509	503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	223 854	505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E4-8	205 343	30*	Adjusting piece	206 375
16	Limiter on the right E4-8	205 344	31*	Set screw complete	207 712
17	Cover rail at the rear	237 379	40*	Disk brush	235 612
18	Cover rail at the front E5.2	237 506	42*	Disk brush ø12	202 600
19	Cover rail	237 382	50*	Adjusting bolt	240 765
20	Cover rail	237 383	520*	Cap screw M5x12	020 032



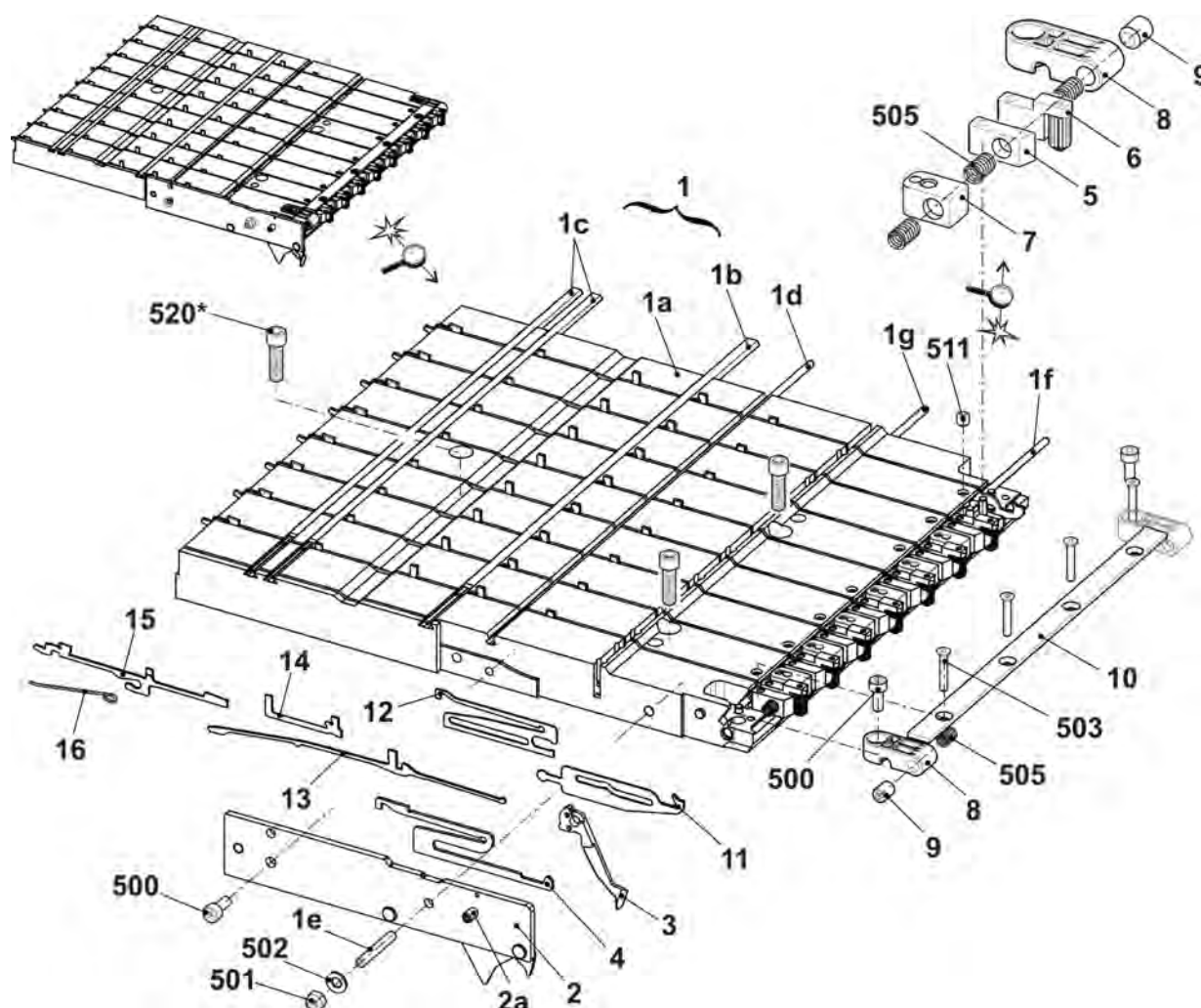
4.16 Needle beds, fixing elements

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



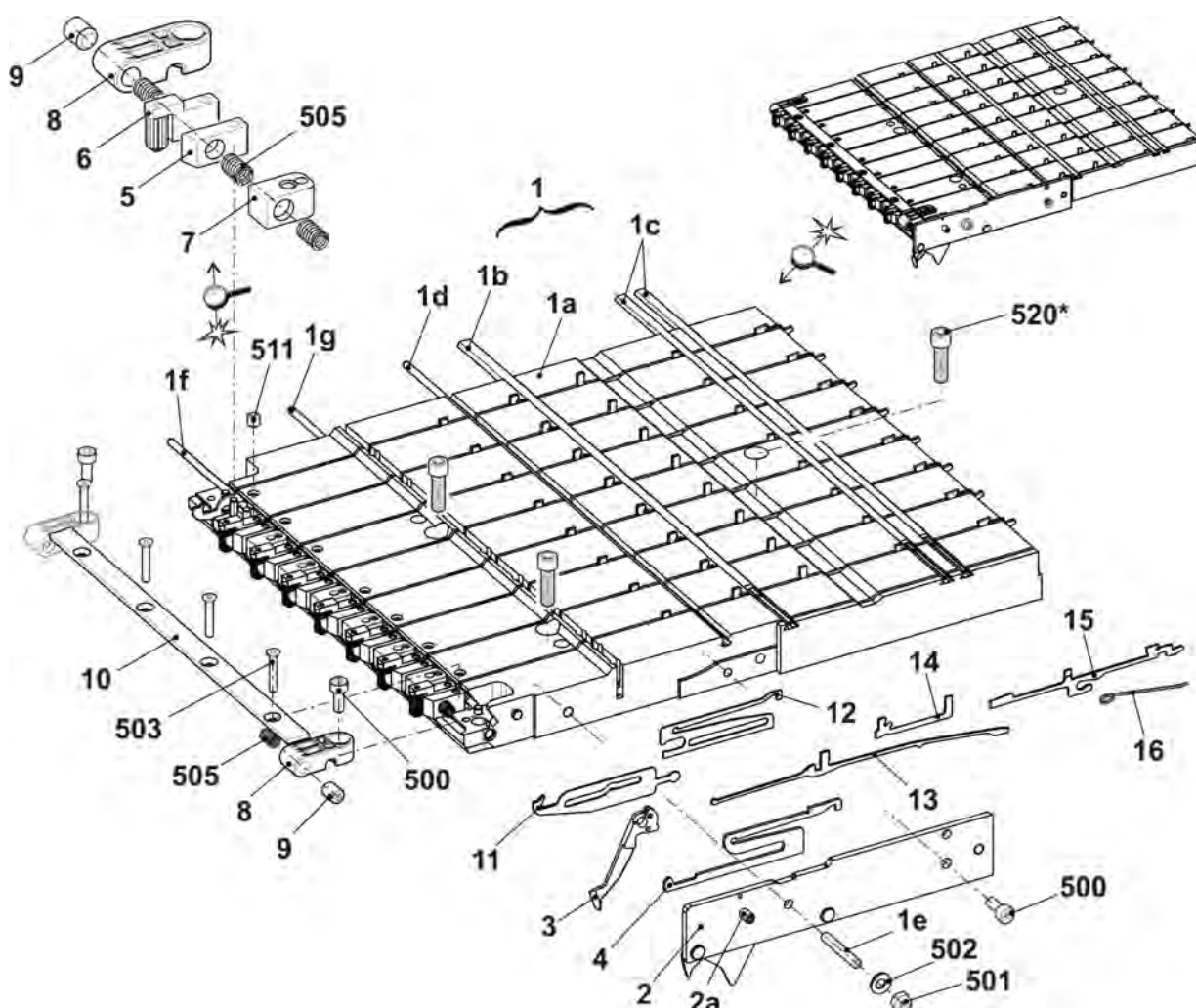
4.17 Left clamping and cutting bed E5-7 | E5m.4 | E7m.5 | 7m.8 | E2,5.2 | E3,5.2 | E2,5.2 | E3,5.2 | E2,5.2m4L | E3,5.2m4L

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



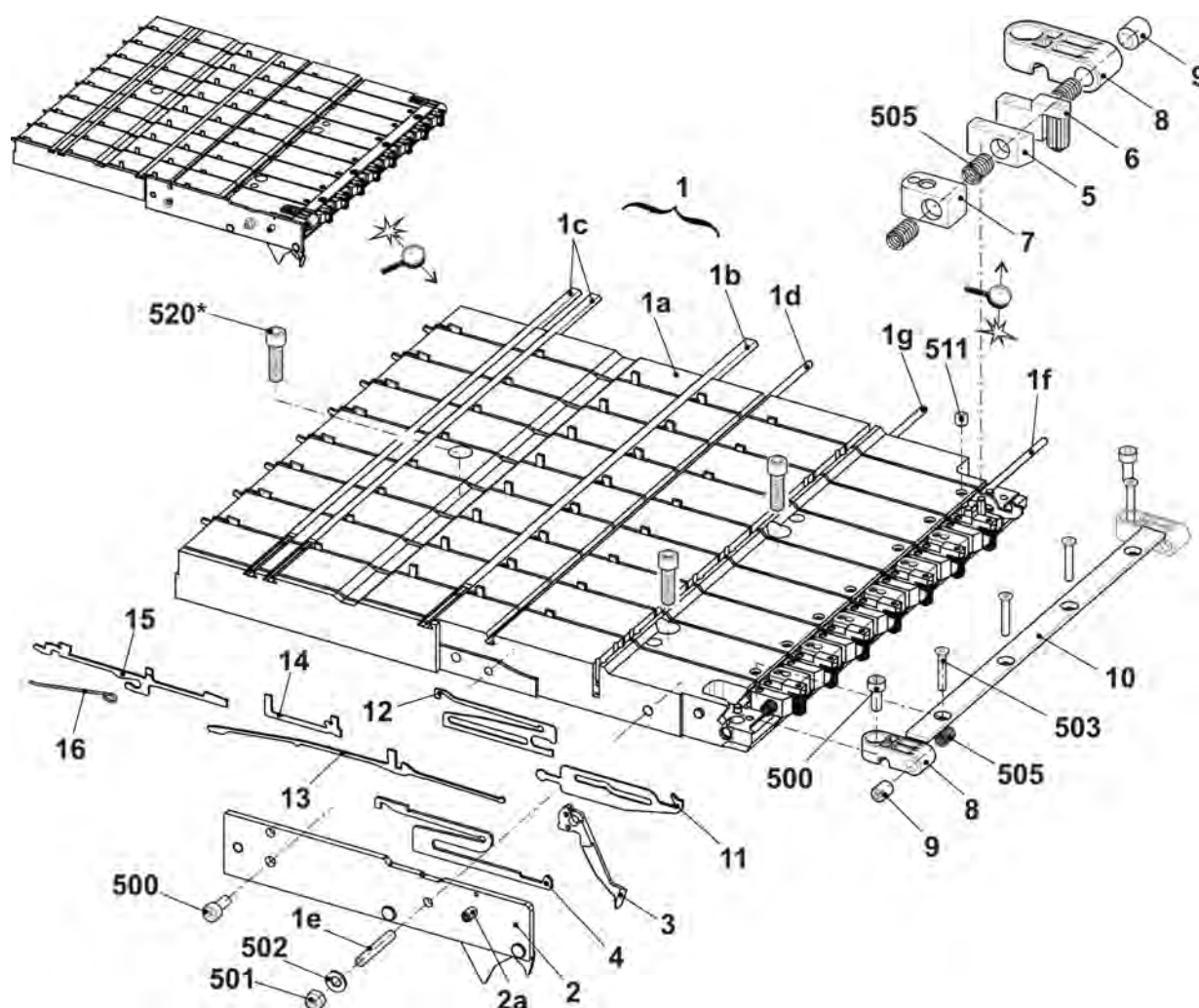
4.18 Right clamping and cutting bed E5-7 | E5m.4 | E7m.5 | 7m. 8 | E2,5.2 | E3,5.2 | E2,5.2 | E3,5.2 | E2,5.2m4L | E3,5.2m4L

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



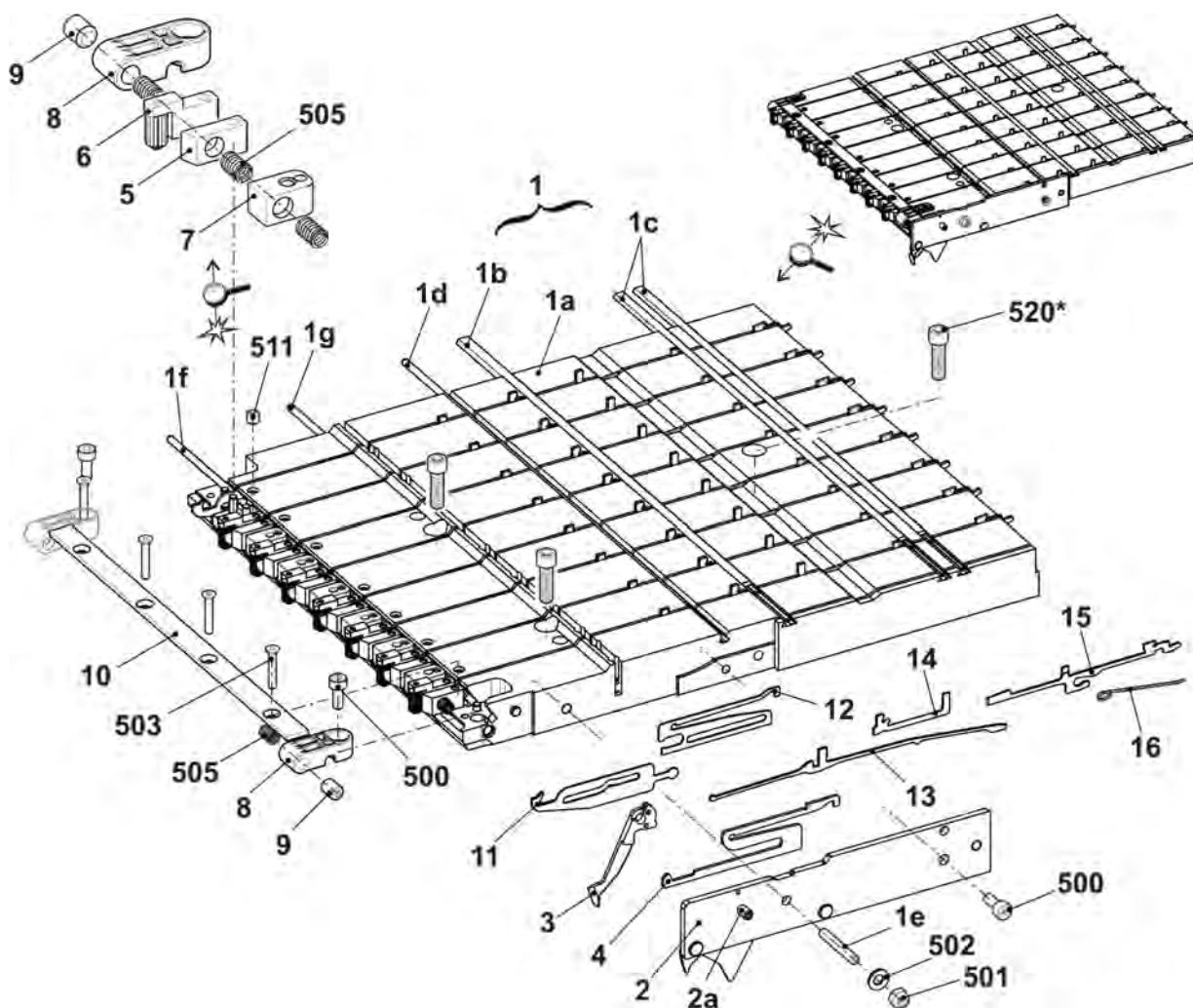
4.19 Left clamping and cutting bed E8 | E8m.7 | E5.2

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



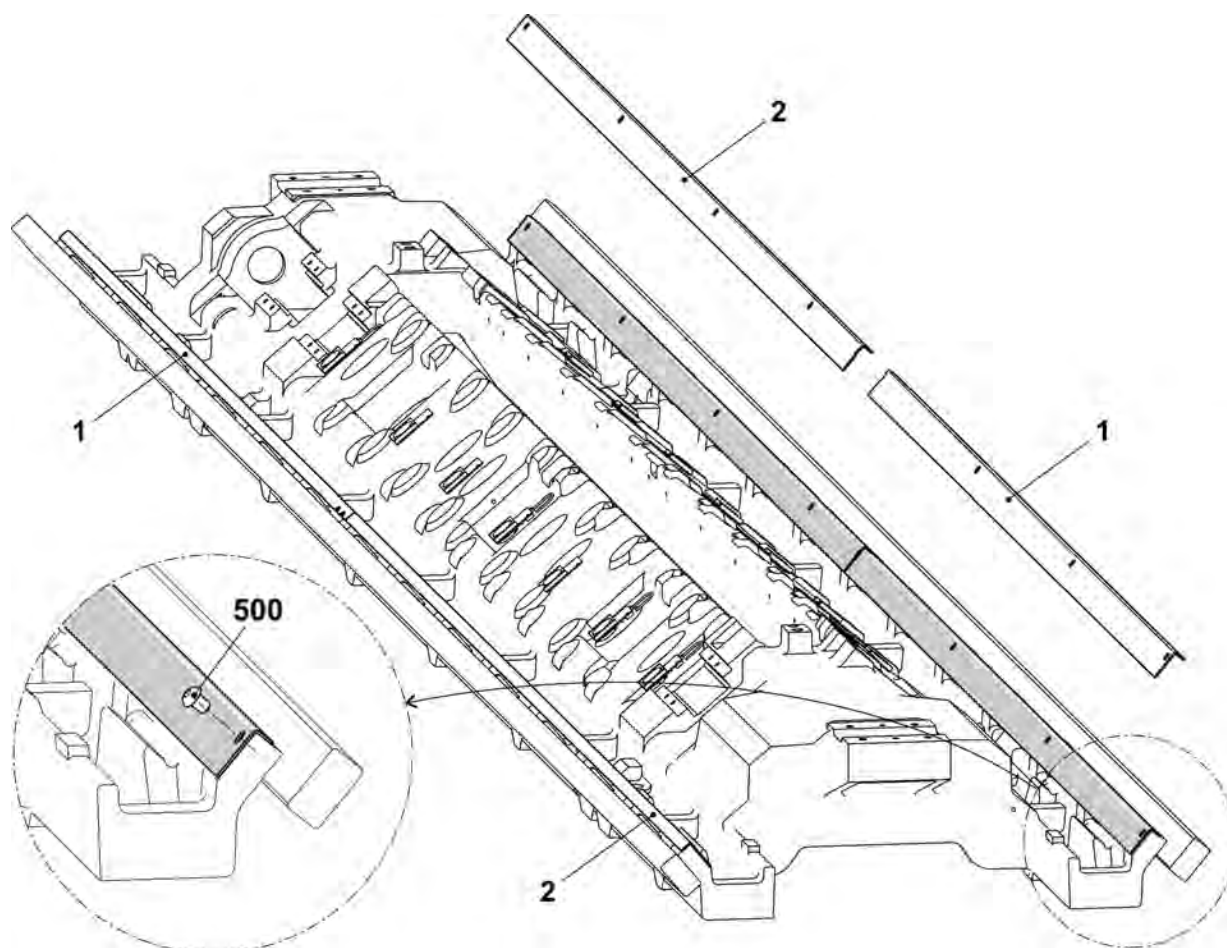
4.20 Right clamping and cutting bed E8 | E8m.7 | E5.2

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



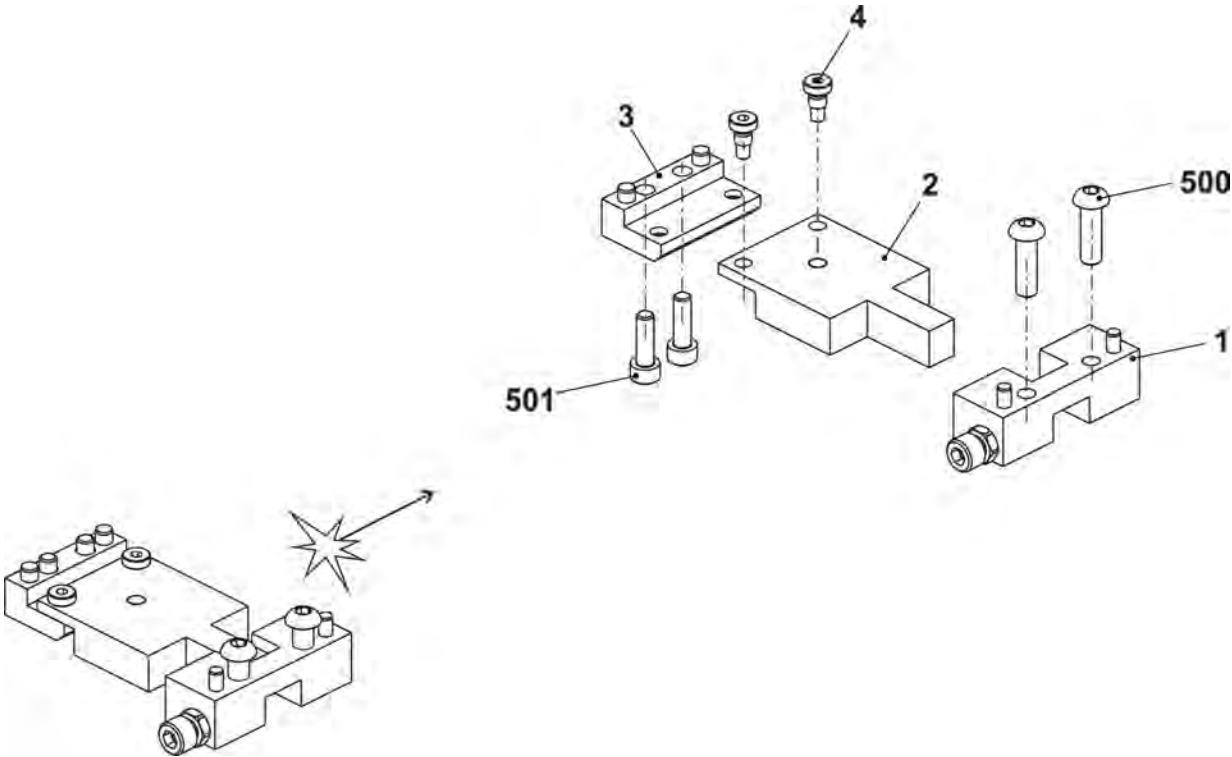
4.21 Cover on the left and on the right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
1	Cover on the left	241 938	500	Pan-head screw M8x10	241 930
2	Cover on the right	241 939			

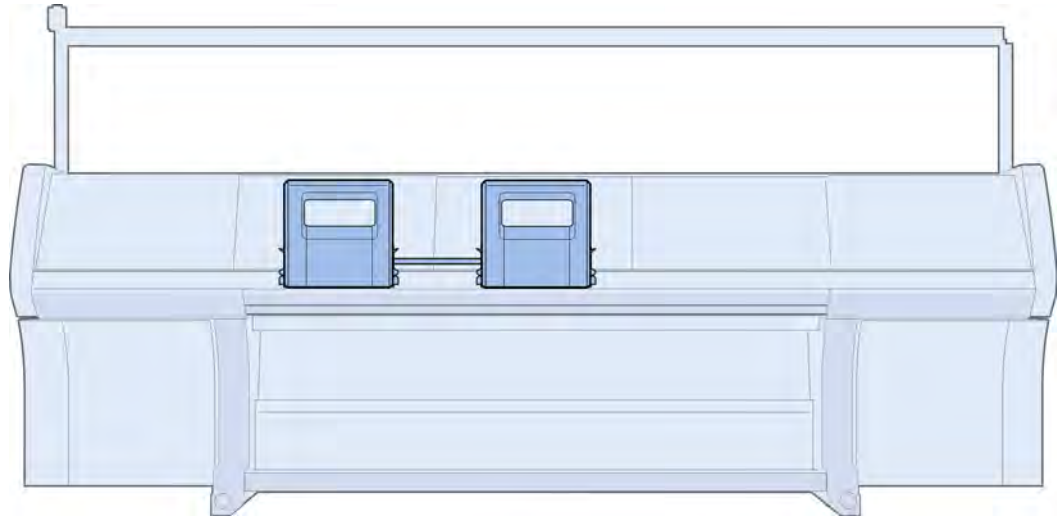


4.22 Connection measuring bar

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Connection measuring bar fine	244 608			
1	Bearing fork	244 535	4	Shoulder screw	209 790
2	Plunger	244 536	500	Pan-head screw M6x20	241 603
3	Stop point	244 537	501	Cap screw M5x16	022 726

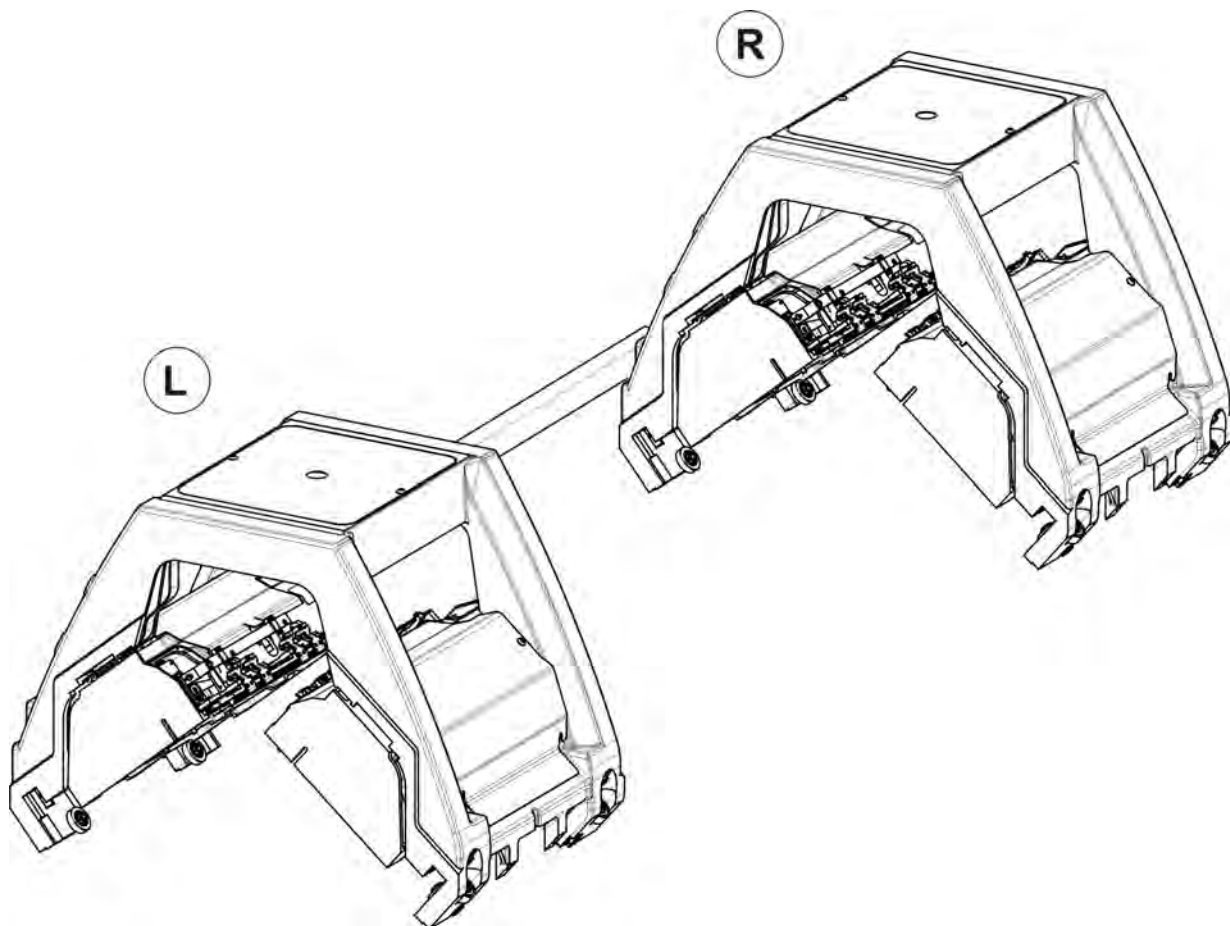


5 Tandem carriage



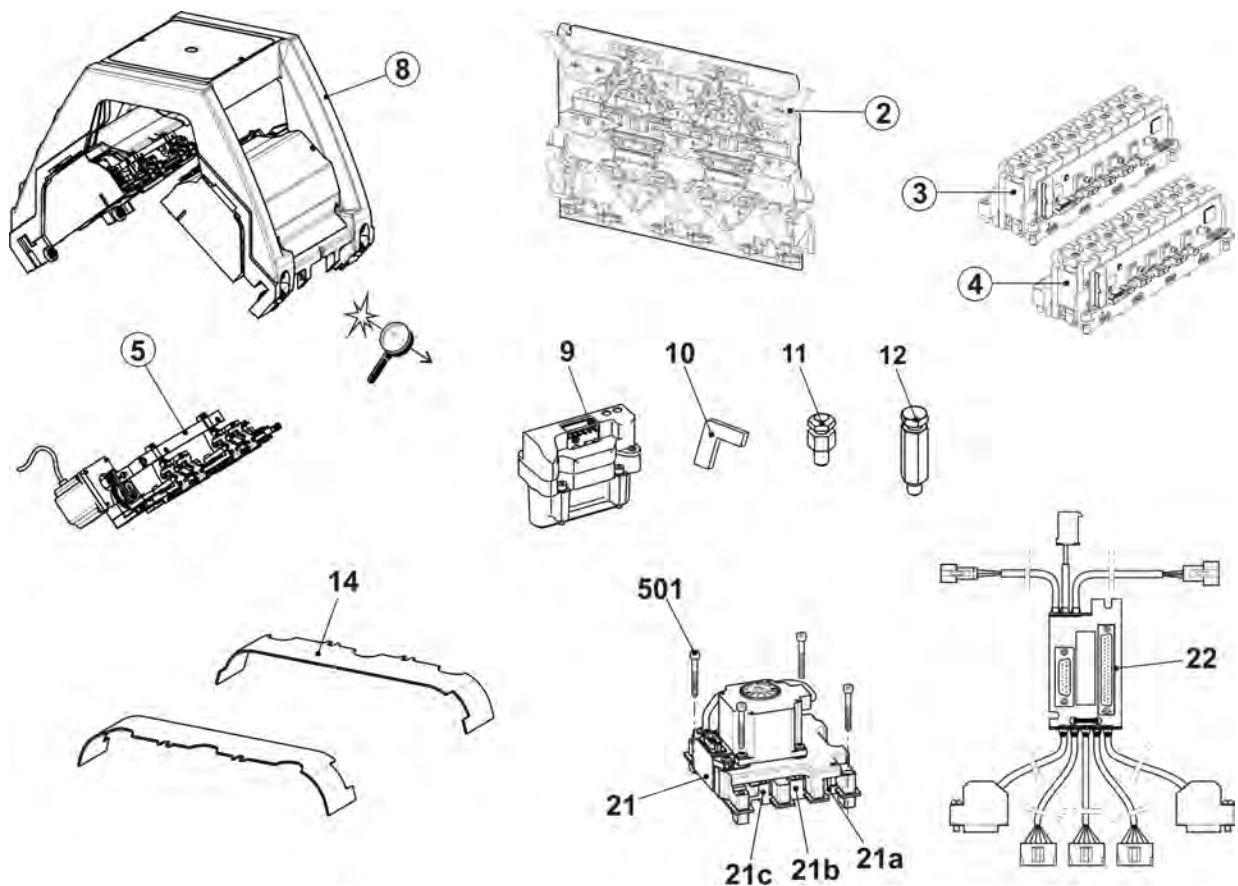
5.1 Overview of carriage

Pos	Designation	Id	Pos	Designation	Id
Σ	Carriage left complete		Σ	Carriage right complete	
	E5 E5m.4 E2,5.2 E3,5.2k&w	256 099		E5 E5m.4 E2,5.2 E3,5.2k&w	256 098
	E7 E8 E7m.8 E8m.7	256 100		E7 E8 E7m.8 E8m.7	256 101
	E7m.5	256 102		E7m.5	256 103
	E3,5.2mg	256 085		E3,5.2mg	256 086
	E5.2k&w	256 104		E5.2k&w	256 105
	E5.2mg	256 110		E5.2mg	256 111



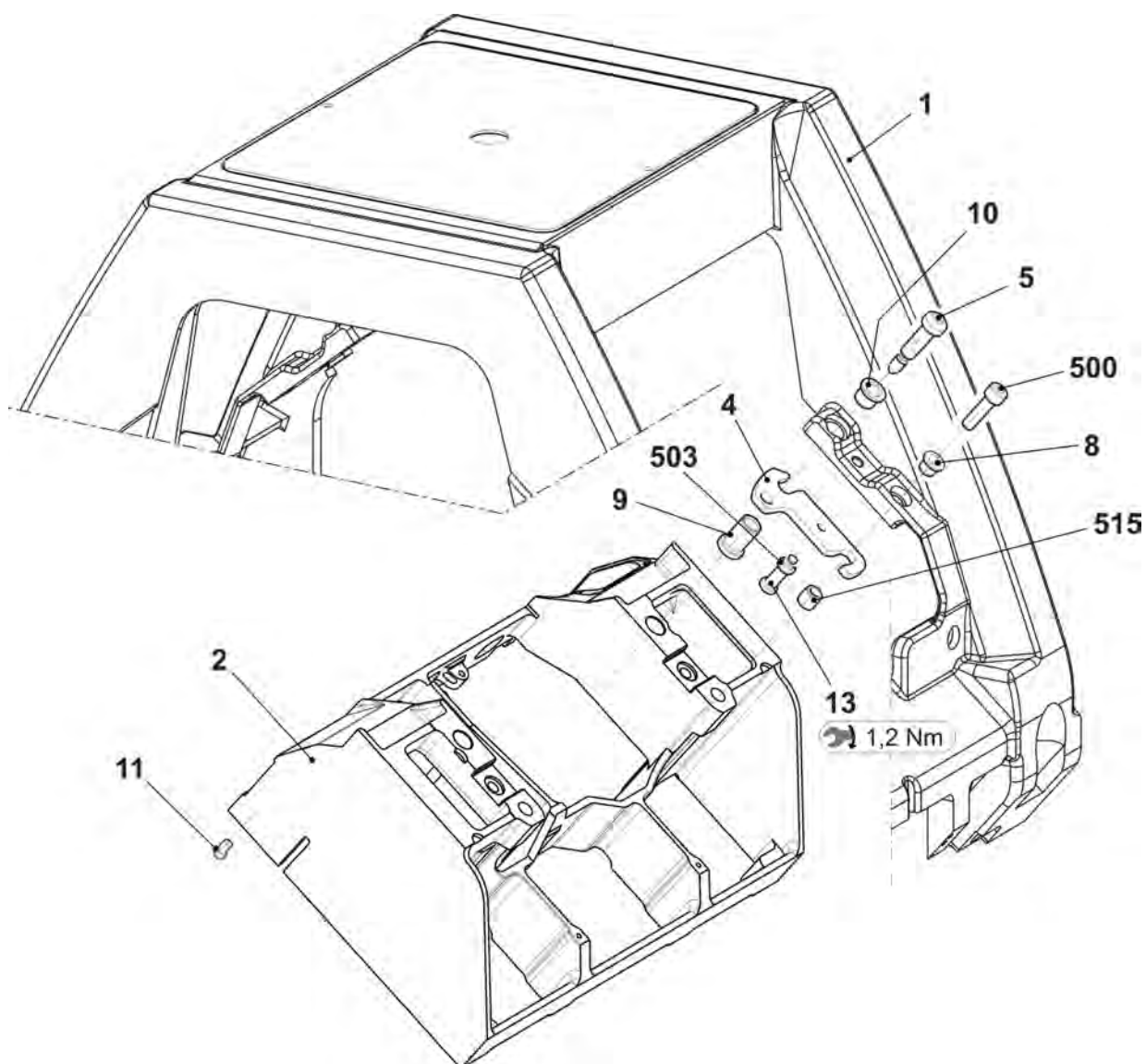
5.1.1 Carriage components

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Cam box set complete		10	Wiper (felt)	241 411
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2	244 239		Bolts	212 392
	E7 E8 E7m.8 E8m.7	244 389		Bolts	243 171
3	FF driving outside complete	245 297		Cover plate at the top	265 390
4	FF driving in the middle complete	245 298	21	Motor unit	253 533
5	Holding-down jack control complete		21a	Gear rack at the top	209 781
	E7 E8 E7m.5 E7m.8 E8m.7 E3,5.2mg E5.2mg	250 989	21b	Gear rack in the middle	209 782
	E5 E5m.4 E2,5.2 E3,5.2k&w	250 991	21c	Gear rack at the bottom	209 783
	E5.2k&w	250 988	22	Distributor 822 6Z OKC3	255 835
8	Carriage assembly 2 cam boxes 822	256 501	501	Cap screw M4x30	023 290
9	Selection system complete				
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E7 E8 E7m.8 E8m.7	216 218			
	E5.2	216 219			



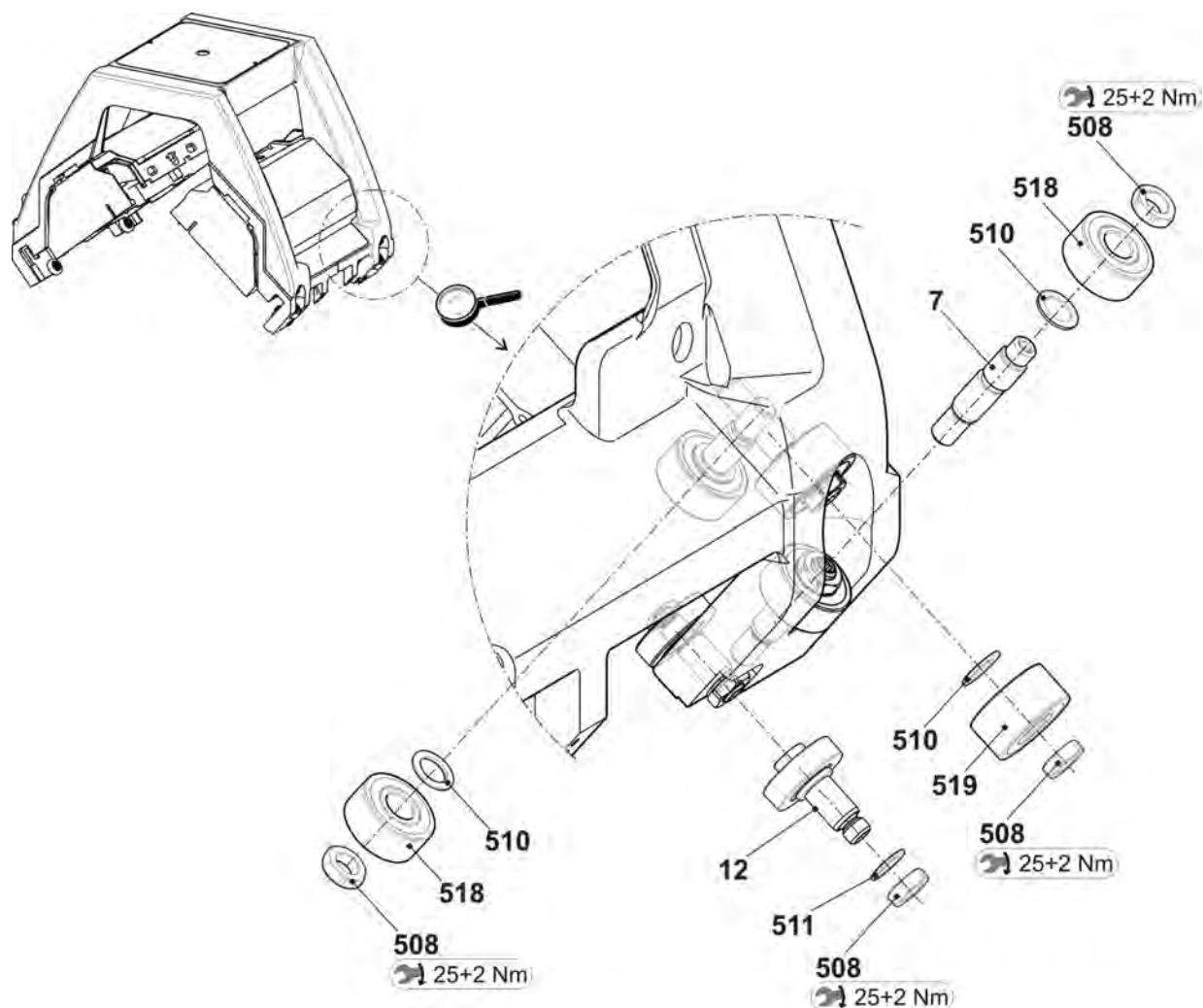
5.1.2 Carriage assembly

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Carriage assembly 2 cam boxes 520	256 501			
1	Carriage frame 2 cam boxes 6-Z	258 516	10	Bush	209 274
2	Carriage part, 2 cam boxes	264 827	11	Eccentric	222 983
5	Shoulder screw	211 750	13	Locating bolt linking spot	244 179
4	Shim	225 312	500	Cap screw M8x30	020 143
8	Bush	207 546	503	Circlip6	021 022
9	Bush	209 275	515	Threaded bush	041 863



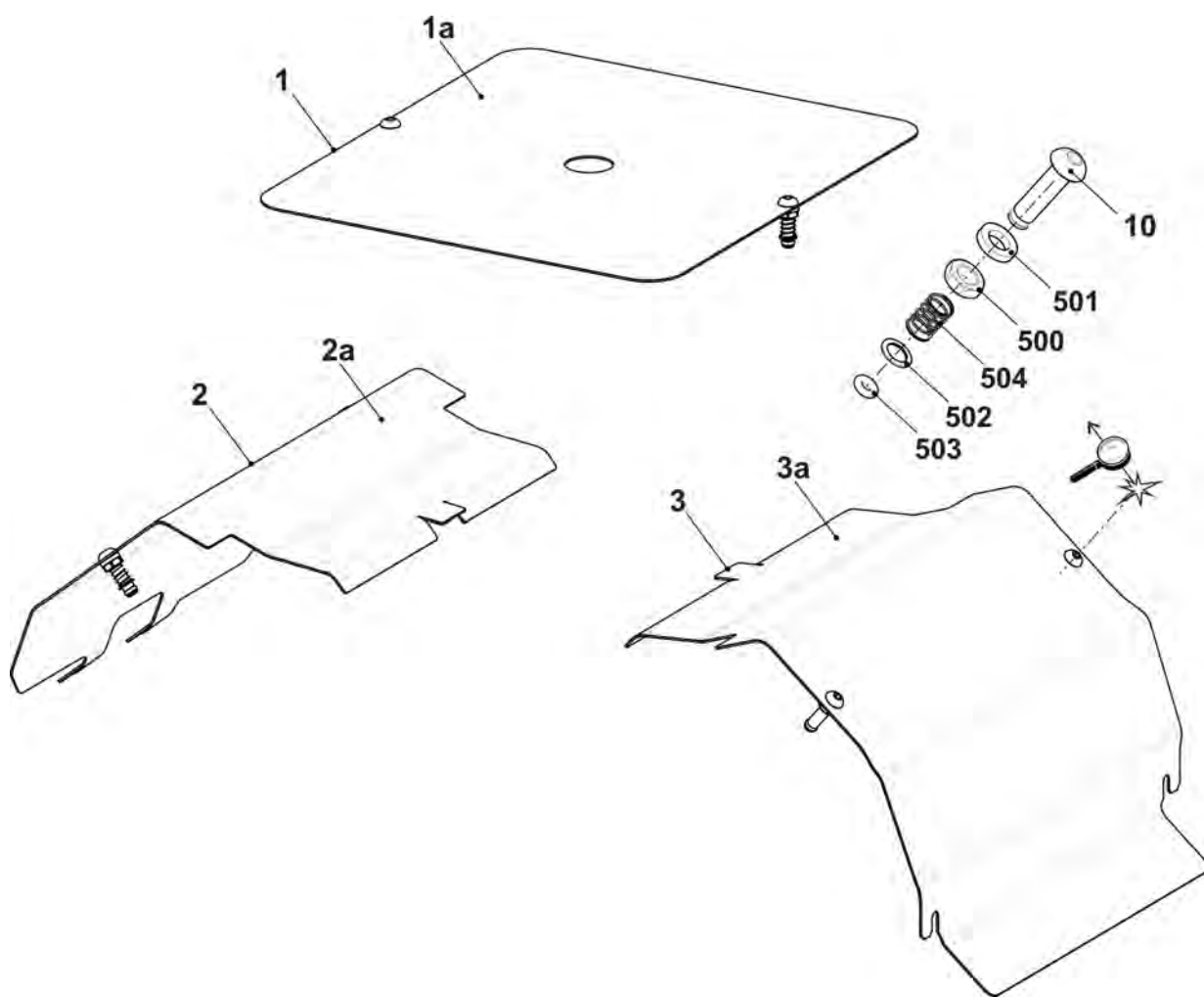
5.1.3 Carriage guide

Pos	Designation	Id. no.	Pos	Designation	Id. no.
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			



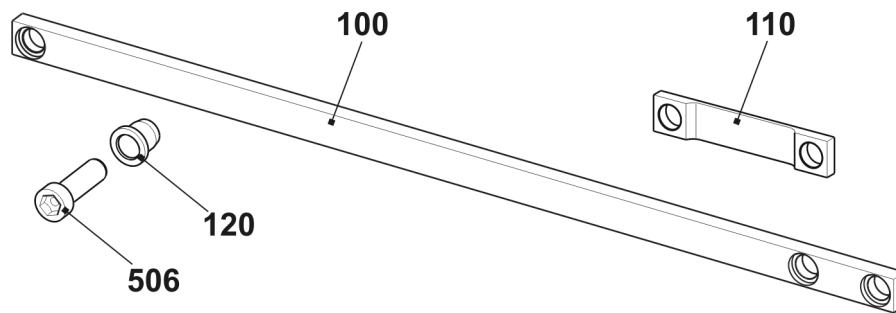
5.1.4 Carriage cover

Pos	Designation	Id. no.	Pos	Designation	Id. no.
1	Carriage cover at the top 2 cam boxes complete	257 099	10	Locating bolt	242 382
	1a Carriage cover at the top 2 cam boxes 6Z	256 509	500	Hexagon nut M6	257 088
2	Carriage cover at the rear complete 822	257 163	501	Serrated lock washer 6,4	022 385
	2a Carriage cover at the rear 6-Z 822	256 742	502	Washer 6.1x9x0,5	023 554
3	Carriage cover at the front complete 822	257 162	503	O-ring 3x2	242 420
	3a Carriage cover at the front 6-Z 822	256 741	504	Compression spring 0,48x7,02x17,29	023 654



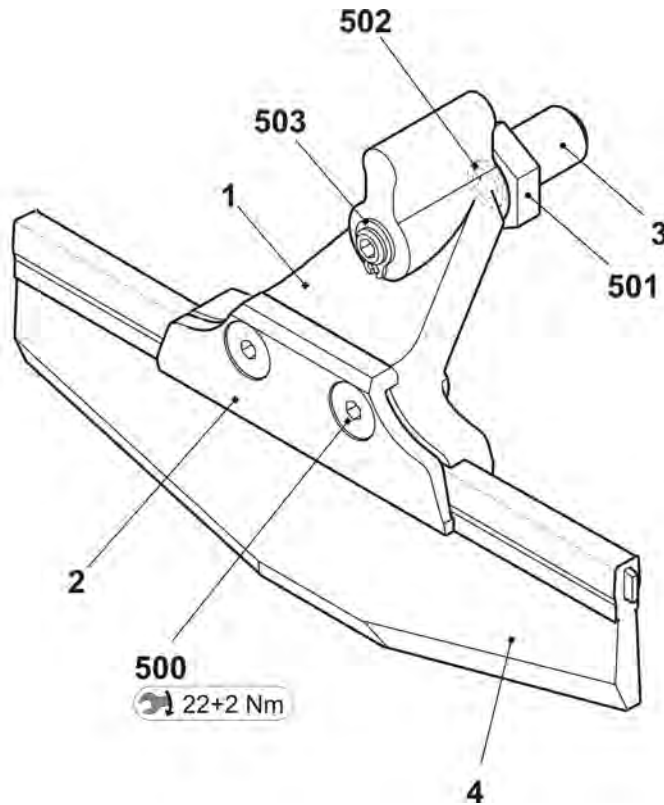
5.1.5 Carriage coupling

Pos	Designation	Id. no.	Pos	Designation	Id. no.
100	Coupling rod 42" and 44"	242 889	120	Sleeve	225 600
110	Connecting rod short	242 891	506	Cap screw M16x45	023 366



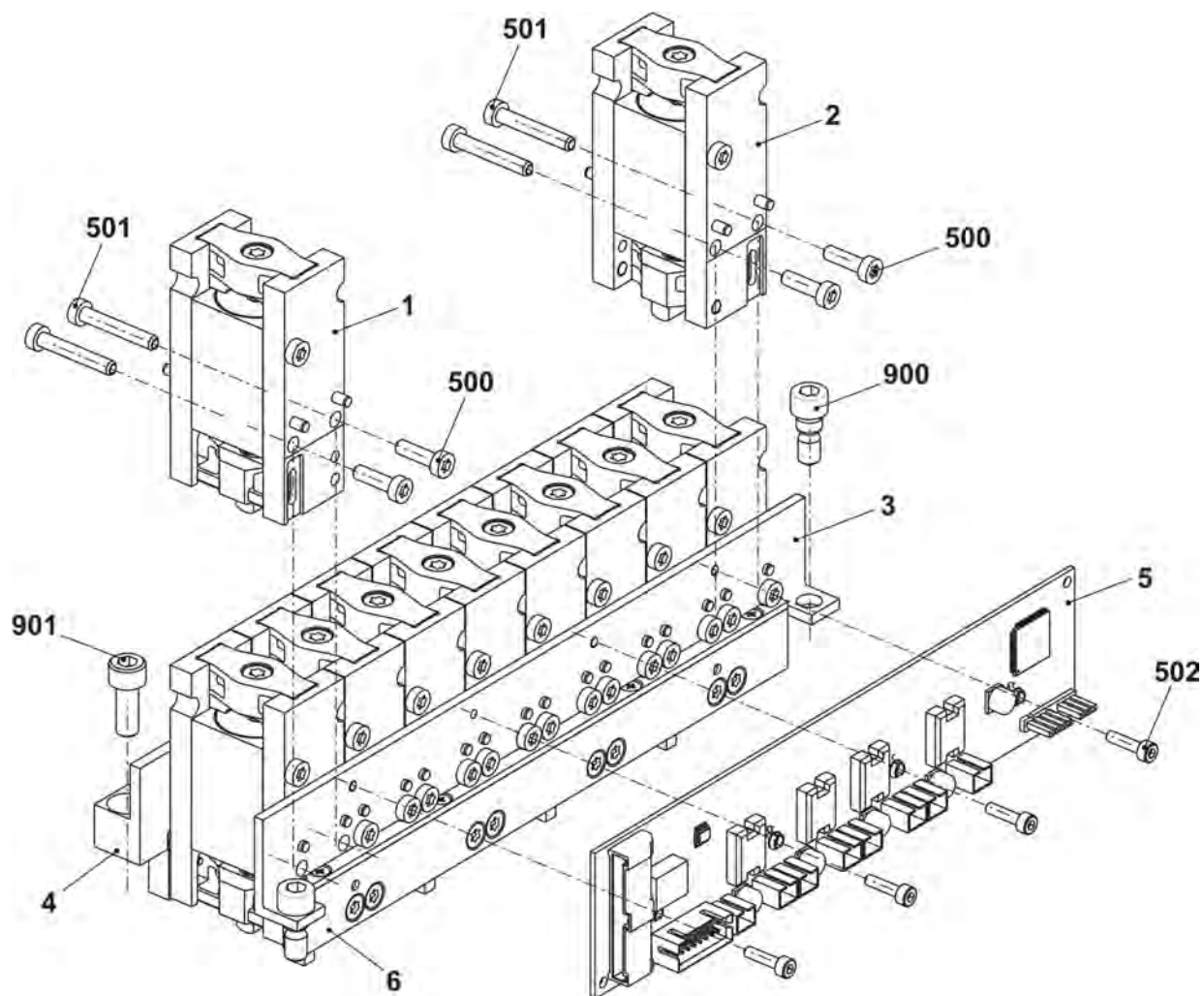
5.1.6 Brush holder

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Brush holder complete E5-8	220 064			
1	Brush holder	219 423	500	Countersunk screw M4x12	023 062
2	Brush clamp	213 010	501	Hexagon nut M8	020 856
3	Threaded rod	209 740	502	Shim ring	023 348
4	BrushE4-8	203 254	503	Retaining ring 5x0,6	023 347



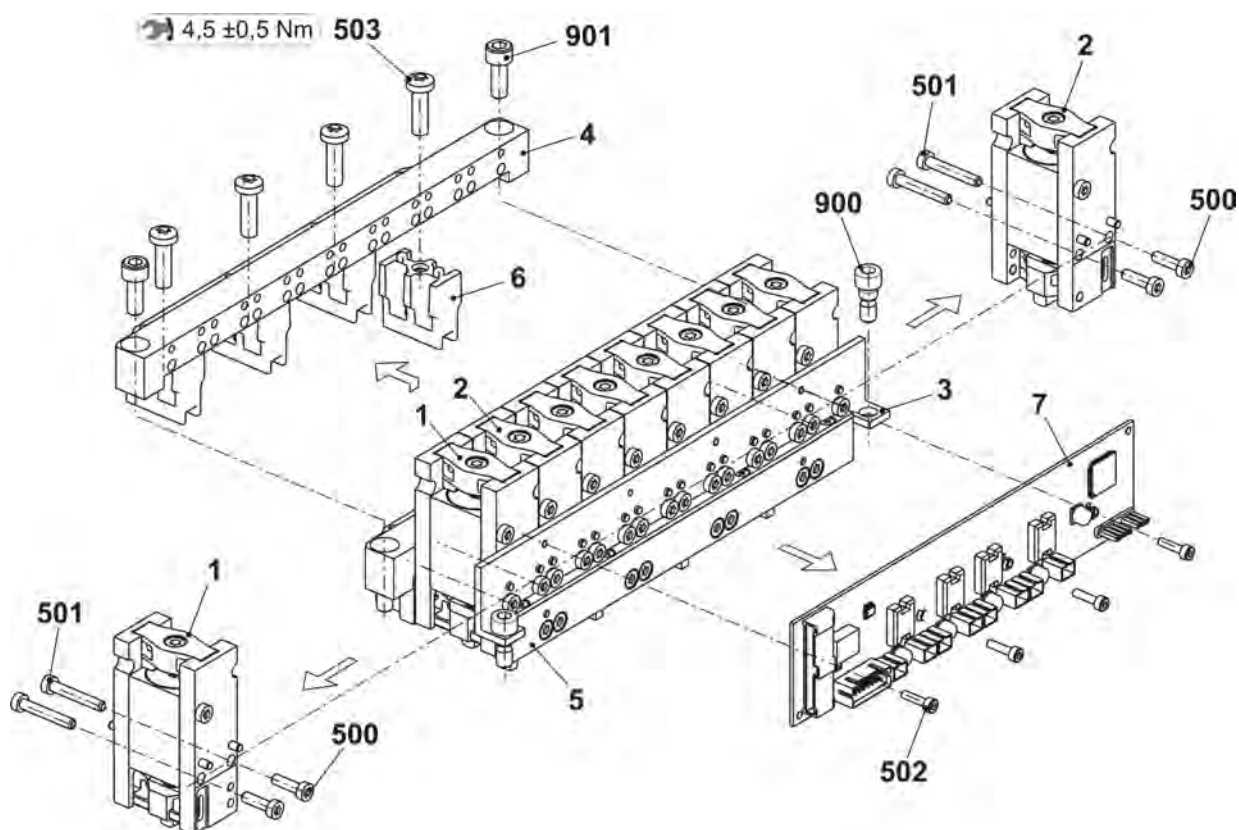
5.1.7 Yarn carrier driving without guide part

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	YC driving outside complete	245 297	6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Holding angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Holding block outside	245 294	900	Shoulder screw	231 899
5	Card yarn carrier final stagesOKC	300 960	901	Cap screw M6x16	020 135



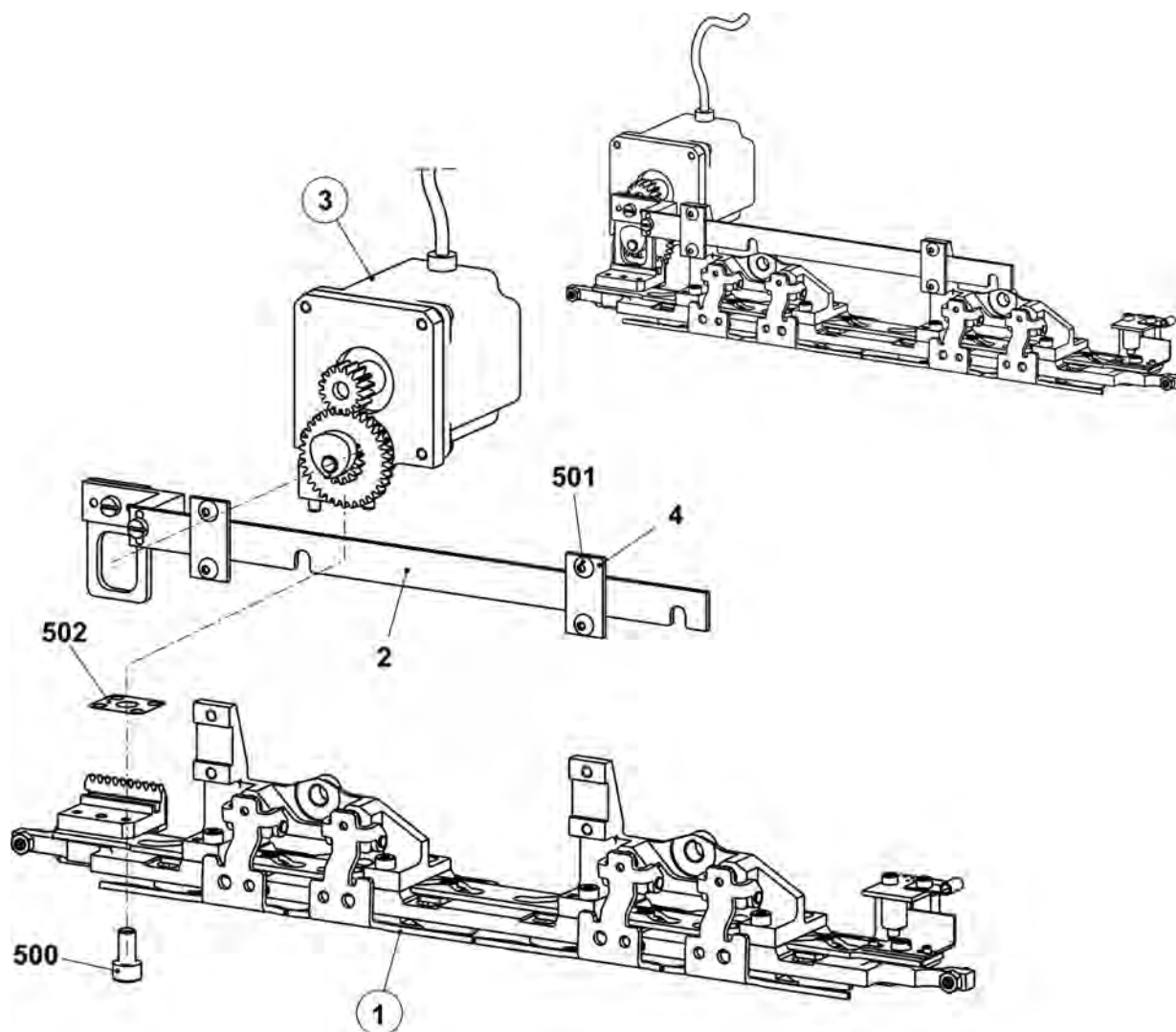
5.1.8 Yarn carrier driving with guide part

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



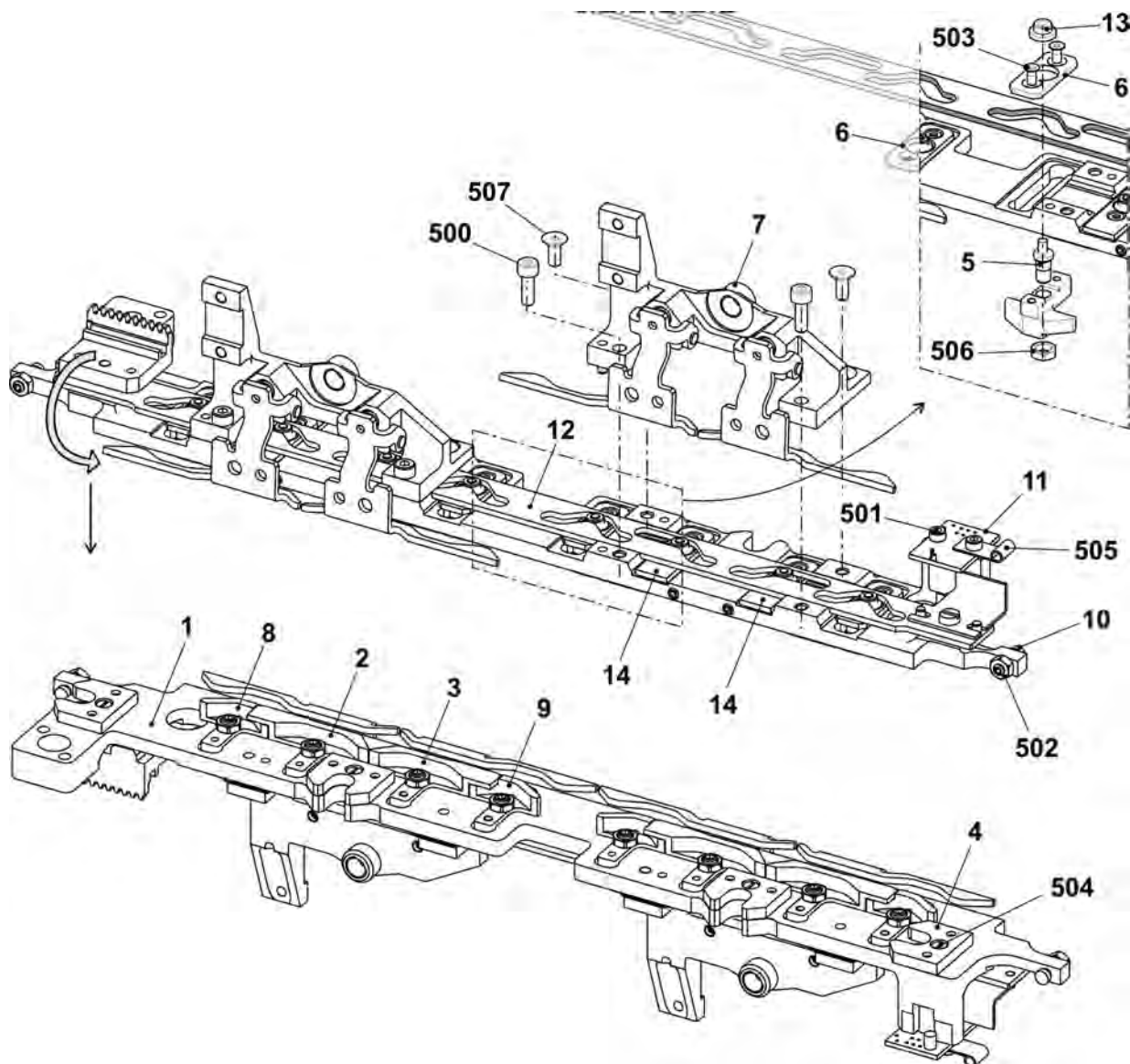
5.1.9 Holding-down jack control

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Holding-down jack control complete		1	Jack cam box	
	E5 E5m.4 E2,5.2 E3,5.2kw	250 991		E5 E5m.4 E2,5.2 E3,5.2kw	250 981
	E7 E8 E7m.5 E7m.8 E8m.7 E3,5.2mg E5.2mg	250 989		E7 E8 E7m.5 E7m.8 E8m.7 E3,5.2mg E5.2mg	250 980
	E5.2kw	250 988		E5.2kw	250 979
2	Control slide complete	239 363	500	Cap screw M6x12	020 134
3	Control unit holding-down jacks	239 342	501	Pan-head screw M4x6	023 427
4	Cover plate	221 272	502	Shim0,05x19x22	251 878



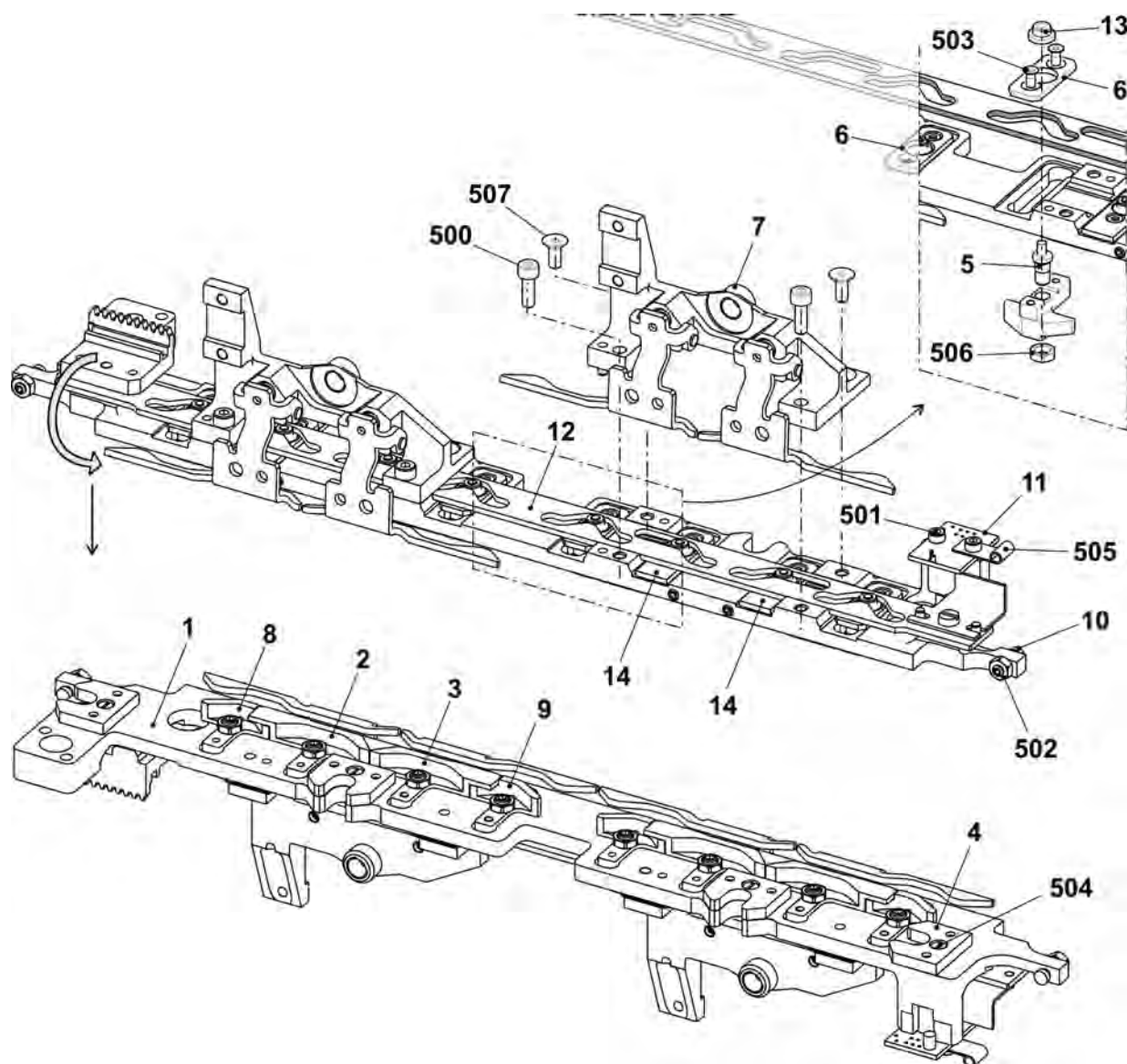
5.1.9.1 Jack cam box E5 | E5m.4 | E2,5.2 | E3,5.2 kw

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E5 E5m.4 E2,5.2 E3,5.2kw	250 981	11	Card light barrier NP V2	240 243
1	Jack cam box plate	250 078	12	Control slide complete E2,5.2-8	253 568
2	Jack slider on the left E2,5.2 5	245 015	13	Cap bush	225 855
3	Jack slider on the right E2,5.2 5	245 016	14	Covering plate	254 958
4	Intermediate plate	239 423	500	Cap screw M4x12	022 664
5	Eccentric	239 344	501	Cap screw M3x6	022 589
6	Covering plate	250 178	502	Hexagon nut M4-6	022 536
7	Support complete	250 577	503	Countersunk screw M3x6	020 286
8	Floating cam at the left E2,5.2 5	245 017	504	Cap screw M3x6	020 005
9	Floating cam at the right E2,5.2 5	245 014	505	Fastening clamp	008 321
10	Set screw	241 936	506	Hexagon nut M5-04	020 854
			507	Countersunk screw M4x10	241 914



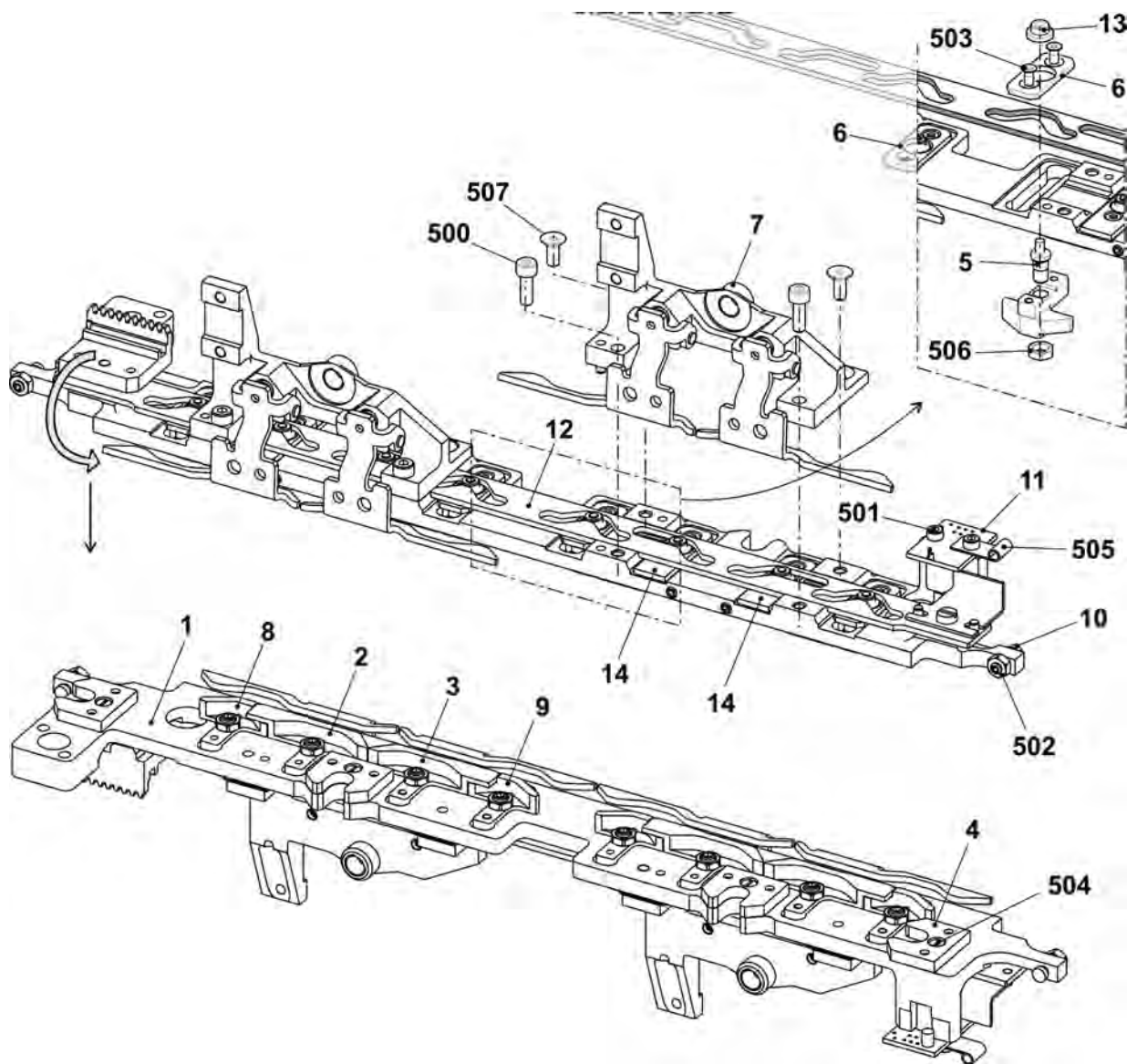
5.1.9.2 Jack cam box E7 | E8 | E7m.5 | E7m.8 | E8m.7 | E3,5.2 mg | E5.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E7 E8 E7m.5 E7m.8 E8m.7 E3,5.2mg E5.2mg	250 980	11	Card light barrier NP V2	240 243
1	Jack cam box plate	250 078	12	Control slide complete E2,5.2-8	253 568
2	Jack slider on the left E7-8 3,5.2mg	250 166	13	Cap bush	225 855
3	Jack slider on the right E7-8 3,5.2mg	250 167	14	Covering plate	254 958
4	Intermediate plate	239 423	500	Cap screw M4x12	022 664
5	Eccentric	239 344	501	Cap screw M3x6	022 589
6	Covering plate	250 178	502	Hexagon nut M4-6	022 536
7	Support complete	250 577	503	Countersunk screw M3x6	020 286
8	Floating cam at the left E7-8 3,5.2mg	250 164	504	Cap screw M3x6	020 005
9	Floating cam at the right E7-8 3,5.2mg	250 165	505	Fastening clamp	008 321
10	Set screw	241 936	506	Hexagon nut M5-04	020 854
			507	Countersunk screw M4x10	241 914



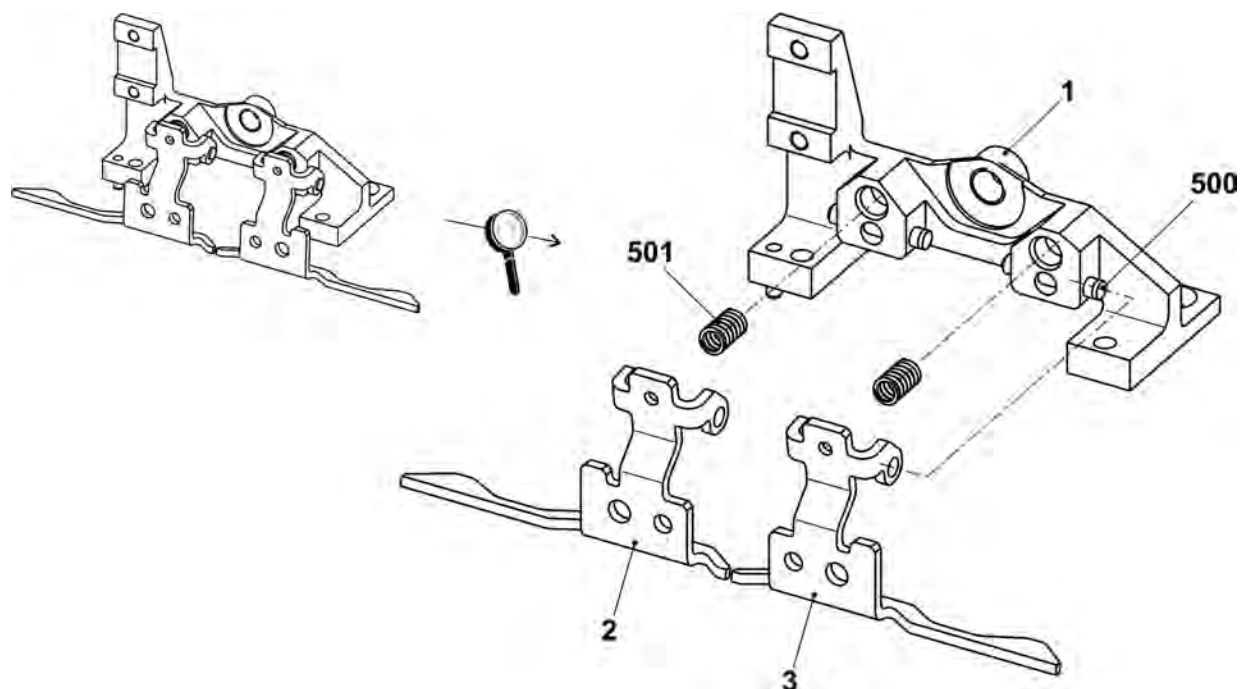
5.1.9.3 Jack cam box E5.2 kw

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E5.2kw	250 979	12	Control slide complete E2,5.2-8	253 568
2	Jack slider on the left E5.2 6.2	250 162	13	Cap bush	225 855
3	Jack slider on the right E5.2 6.2	250 163	14	Covering plate	254 958
4	Intermediate plate	239 423	500	Cap screw M4x12	022 664
5	Eccentric	239 344	501	Cap screw M3x6	022 589
6	Covering plate	250 178	502	Hexagon nut M4-6	022 536
7	Support complete	250 577	503	Countersunk screw M3x6	020 286
8	Floating cam at the left	250 160	504	Cap screw M3x6	020 005
9	Floating cam at the right E5.2 6.2	250 161	505	Fastening clamp	008 321
10	Set screw	241 936	506	Hexagon nut M5-04	020 854
11	Card light barrier NP V2	240 243	507	Countersunk screw M4x10	241 914



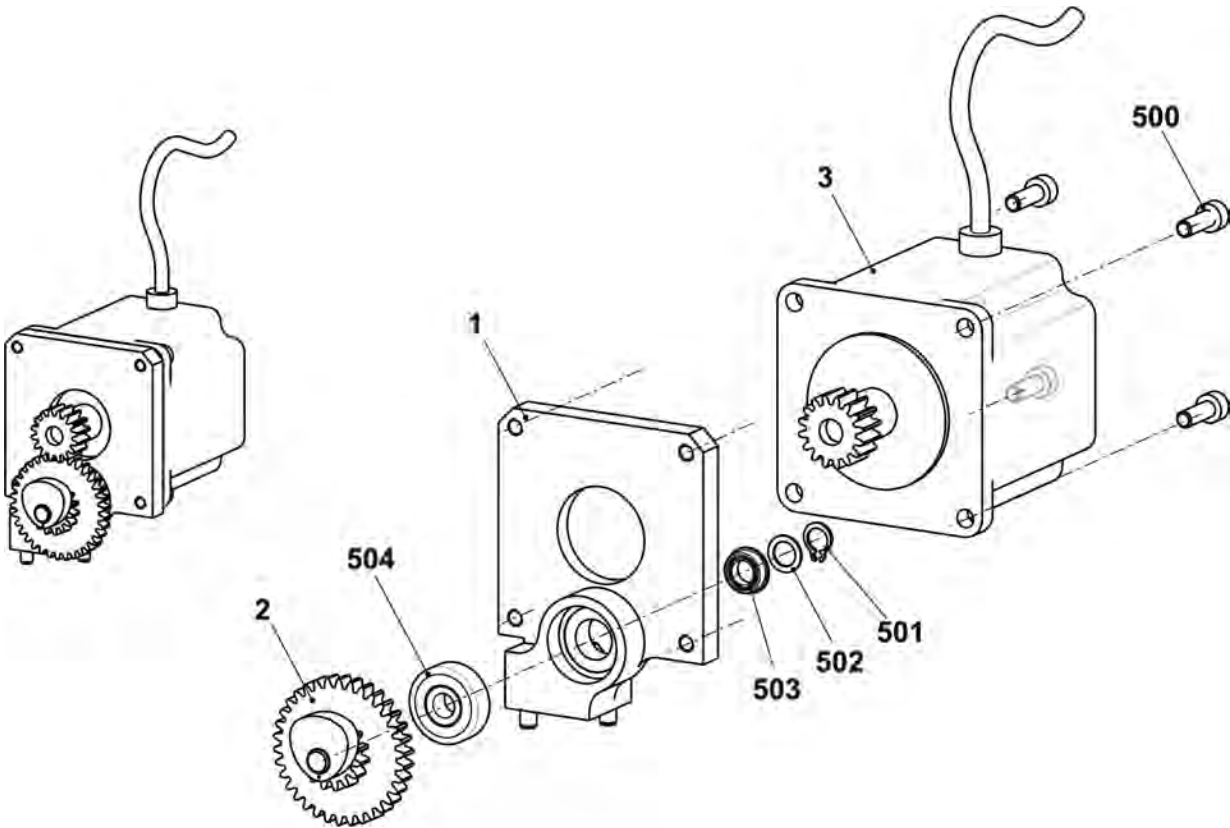
5.1.9.4 Support complete

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Support complete	250 577	3	Set-out plate on the left	251 485
1	Support	251 192	500	Dowel pin 4x22	020 663
2	Set-out plate on the right	251 484	501	Compression spring 0,8x5,0x12	250 693



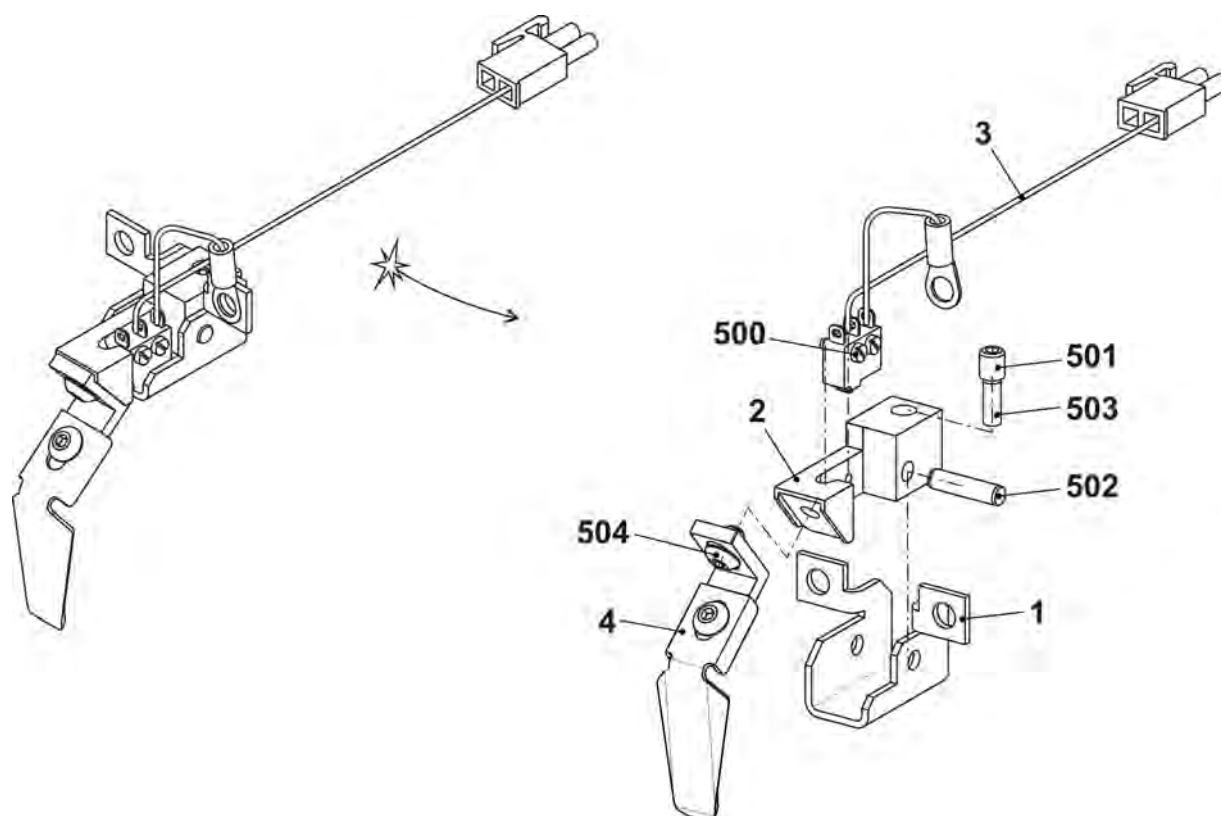
5.1.9.5 Control unit holding-down jacks

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Control unit holding-down jacks	239 342			
1	Motor plate	239 336	501	Retaining ring6x0,7	023 298
2	Gear wheel complete	256 671	502	Washer 6,1x9x0,5	023 554
3	Motor complete	239 343	503	Grooved ball bearing 6x10x3	023 533
500	Cap screw M4x12	022 664	504	Grooved ball bearing 626-2RS	023 587



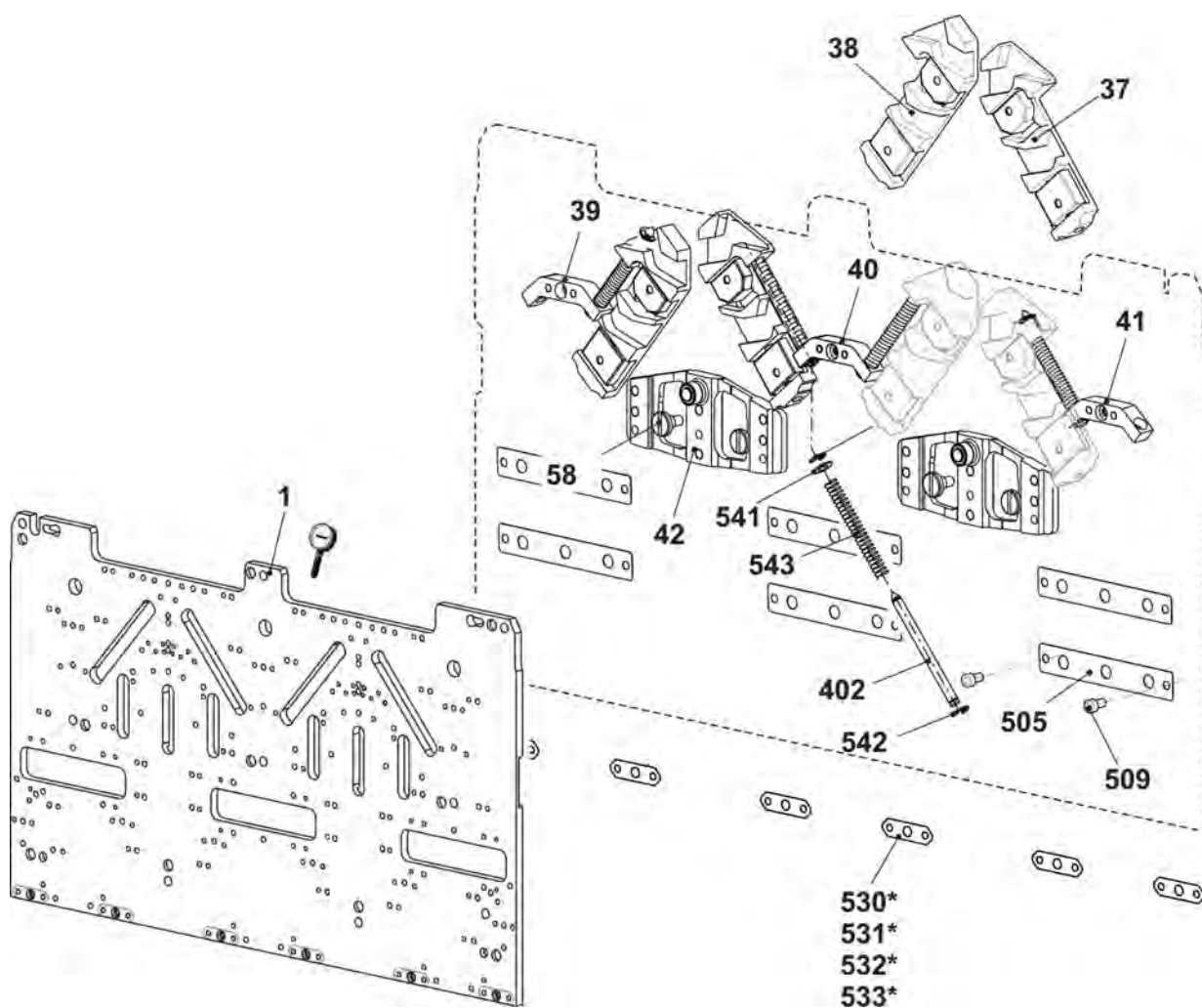
5.1.10 Needle detector

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Needle detector E5-14	239 444	500	Pan-head screw M2x8	258 310
1	Holder needle stop	239 405	501	Setscrew M5x8	022 809
2	Switching part	239 368	502	Dowel pin 4x16	020 660
3	Cable of needle detector complete	240 018	503	Compression spring 4,3x0,45x10	021 398
4	Sensor pre-assembled E5-14	221 758	504	Pan-head screw M4x6	023 427



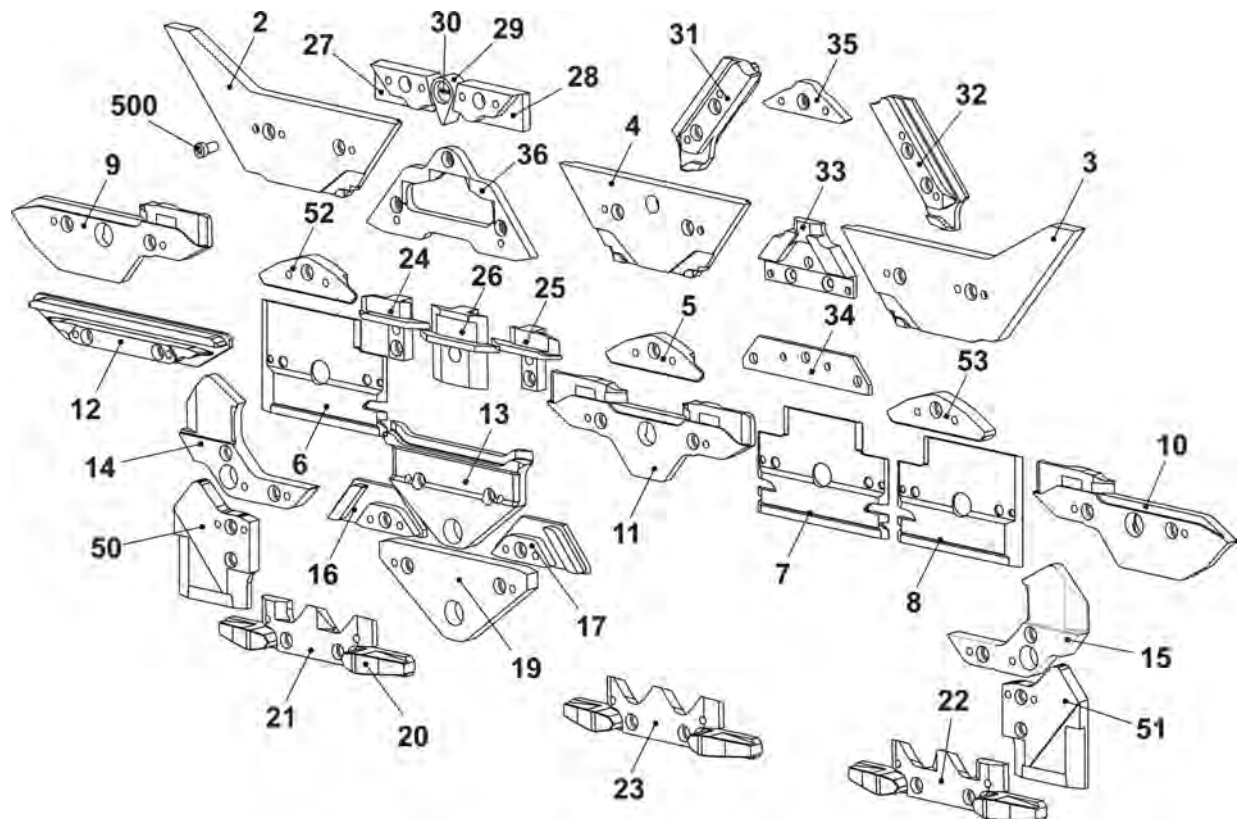
5.1.11 Cam box E5 | E5m.4 | E7m.5 | E2,5.2 | E3,5.2kw | E5.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Cam box set complete E5	244 239			
1	Cam plate	241 760	543	Compression spring	250 515
37	Loop sinking cam on the right completeE5-10	211 163	42	Switching piece	240 281
38	Loop sinking cam on the left completeE5-10	211 164	58	Shoulder screw	239 626
39	Rod guide element on the left	211 165	505	Shim0,5x12x75	236 654
40	Rod guide element in the middle	211 166	509	Pan-head screw M3x4	023 142
41	Rod guide element on the right	211 168	530*	Shim0,03x8x28	023 452
402	Spring rod	209 791	531*	Shim0,05x8x28	023 020
541	Disk4,1x6x0,5	022 893	532*	Shim0,1x8x28	023 018
542	Circlip 3,2	021 019	533*	Shim0,2x8x28	023 385



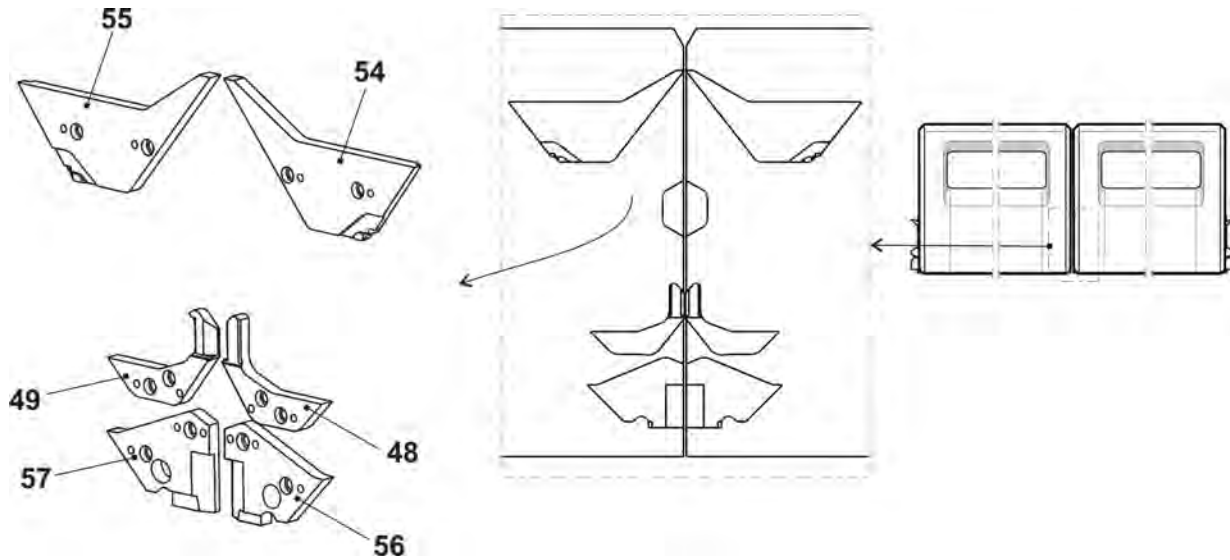
5.1.11.1 Cams E5 | E5m.4 | E7m.5 | E2,5.2 | E3,5.2kw | E5.2, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Cam box set complete E5, (continuation)	244 239			
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 in the middle	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 E5-14	212 274
19	Cam part	210 252	51	Cam at the right E5-14	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



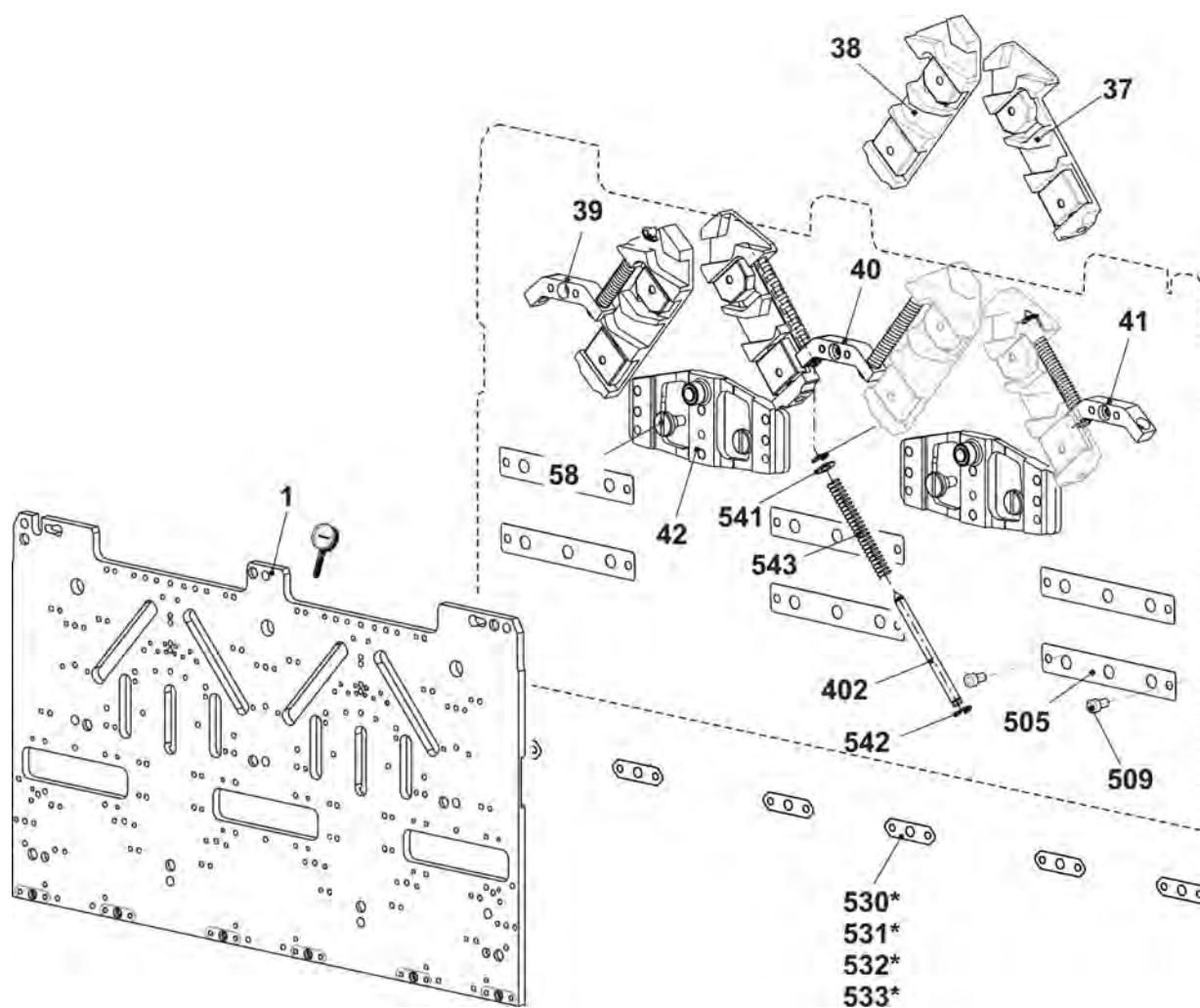
5.1.11.2 Cams for narrow coupling E5 | E7 | E8 | E5m.4 | E7m.5 | E7m.8 | E8m.7 | E2,5.2 | E3,5.2 | E5.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
54	Entry cam on the left E5-14	216 221	55	Entry cam on the right E5-14	216 220
48	Cam on the left E5-14	216 167	49	Cam at the right E5-14	216 168
56	Cam on the left	216 165	57	Cam part at the right	216 166



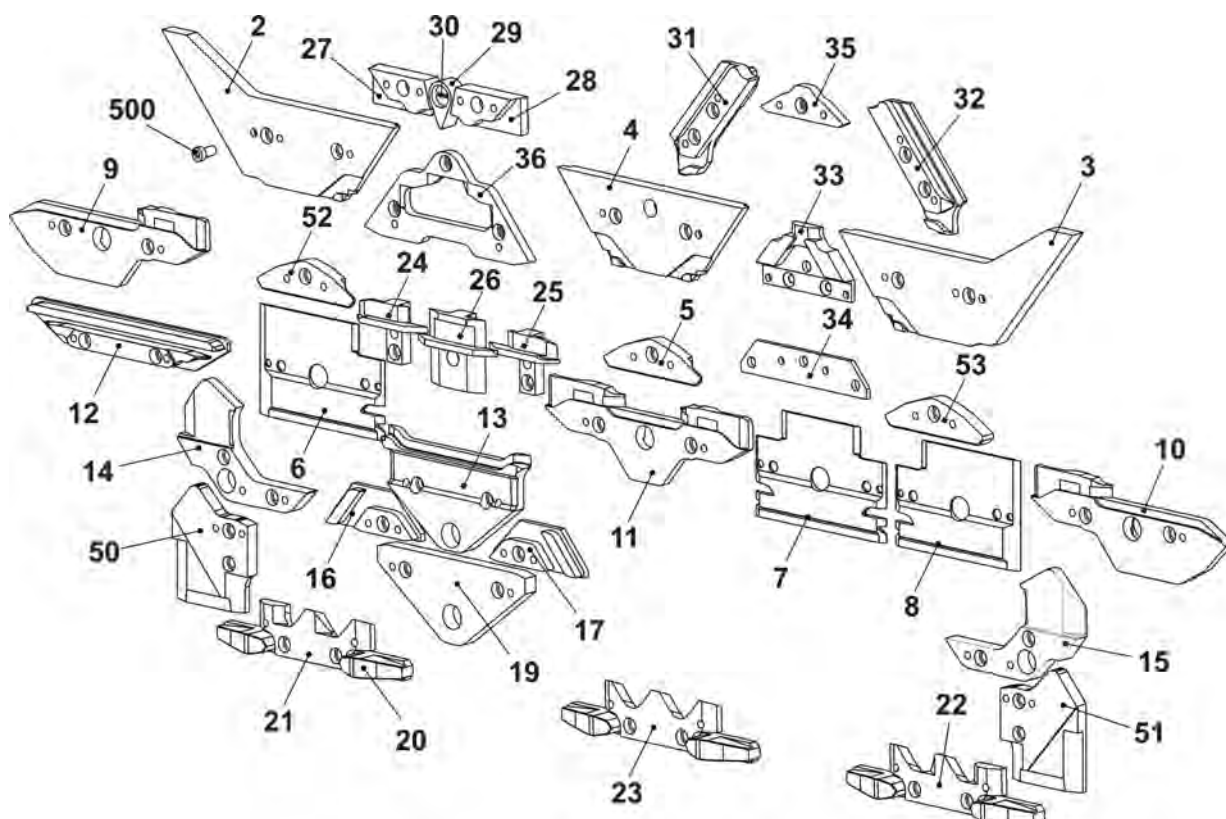
5.1.12 Cam box E7 | E8 | E7m.8 | E8m.7

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Cam box set complete E3	244 389			
1	Cam plate	241 760	543	Compression spring	250 515
37	Loop sinking cam on the right completeE5-10	211 163	42	Switching piece	240 281
38	Loop sinking cam on the left completeE5-10	211 164	58	Shoulder screw	239 626
39	Rod guide element on the left	211 165	505	Shim0,5x12x75	236 654
40	Rod guide element in the middle	211 166	509	Pan-head screw M3x4	023 142
41	Rod guide element on the right	211 168	530*	Shim0,03x8x28	023 452
402	Spring rod	209 791	531*	Shim0,05x8x28	023 020
541	Disk4,1x6x0,5	022 893	532*	Shim0,1x8x28	023 018
542	Circlip 3,2	021 019	533*	Shim0,2x8x28	023 385



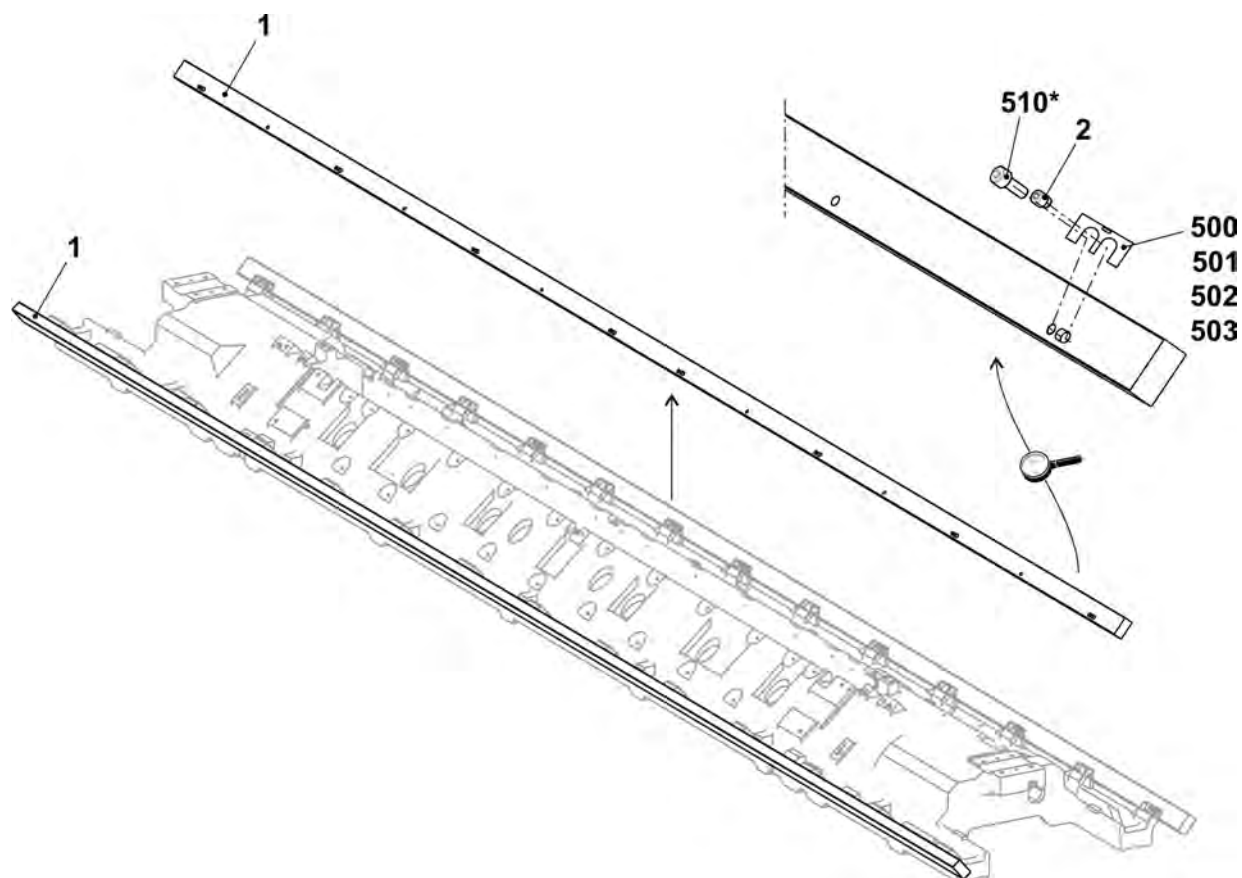
5.1.12.1 Cams E7 | E8 | E7m.8 | E8m.7, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Cam box set complete E7-8, (continuation)	244 389			
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 in the middle	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 E5-14	212 274
19	Cam part	210 252	51	Cam at the right E5-14	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

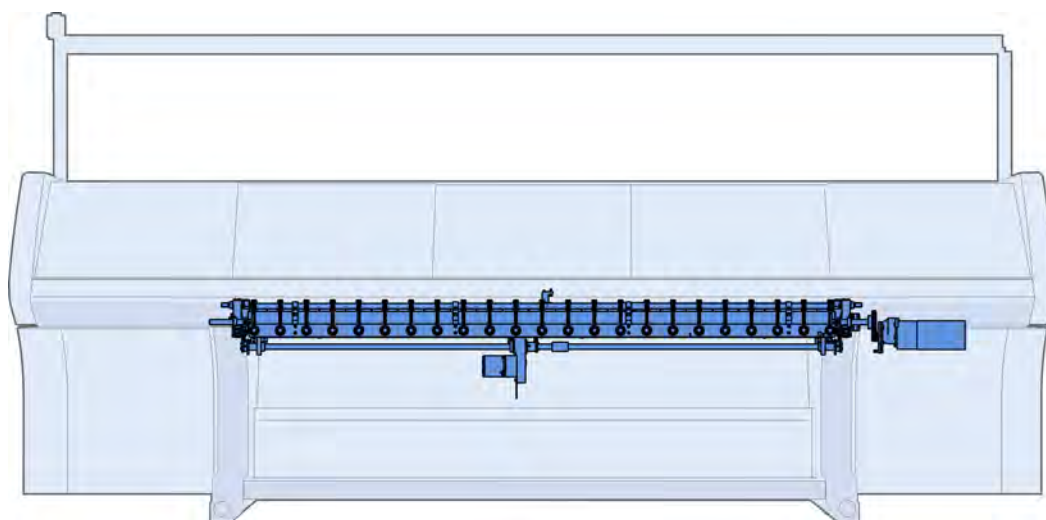


5.2 Spare parts package carriage guide bar

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Spare parts package carriage guide bar⁸⁴	252 993	501	Shim0,05x22x42	243 291
1	Carriage guide rail	242 486	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

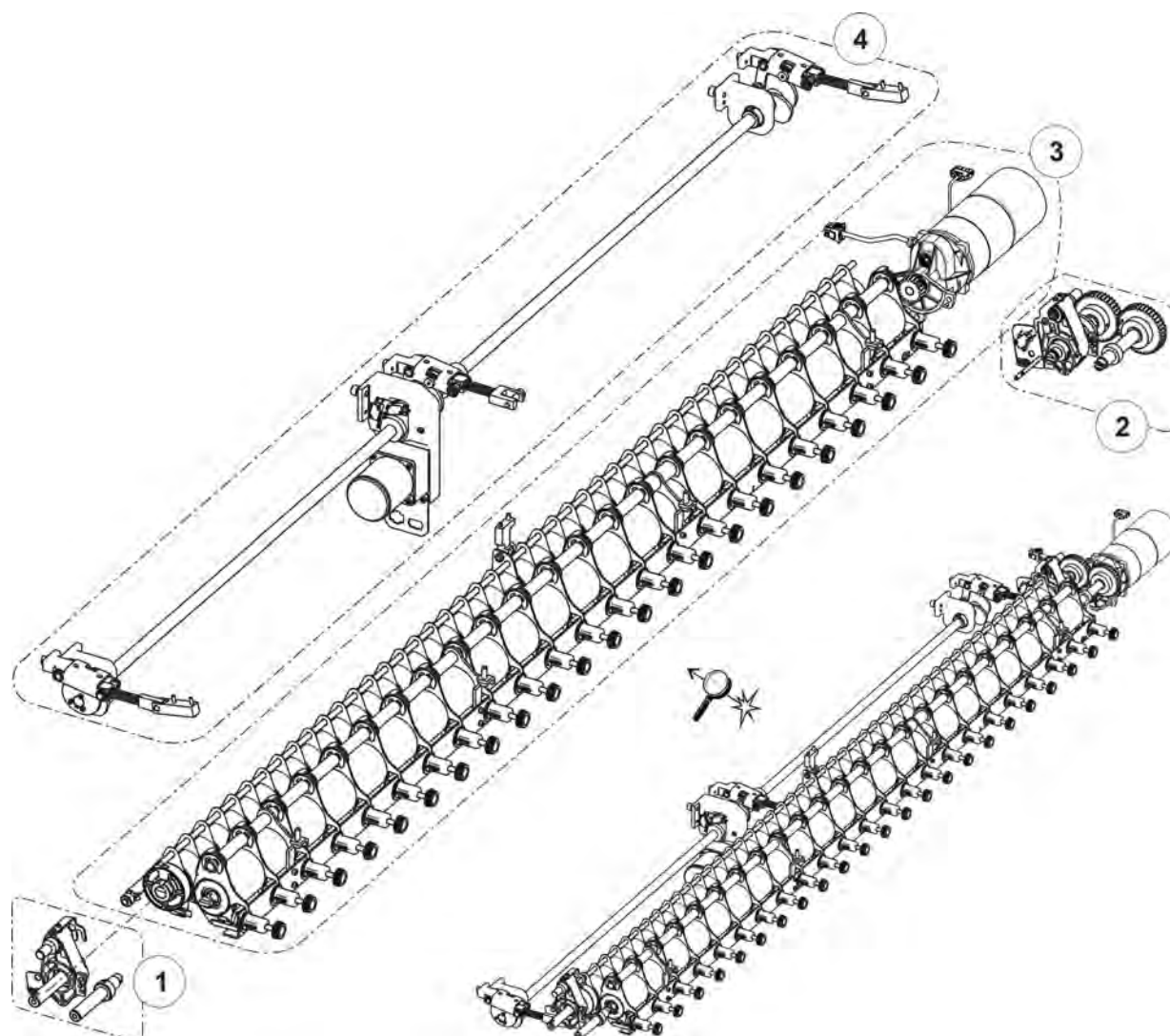


6 Main take-down



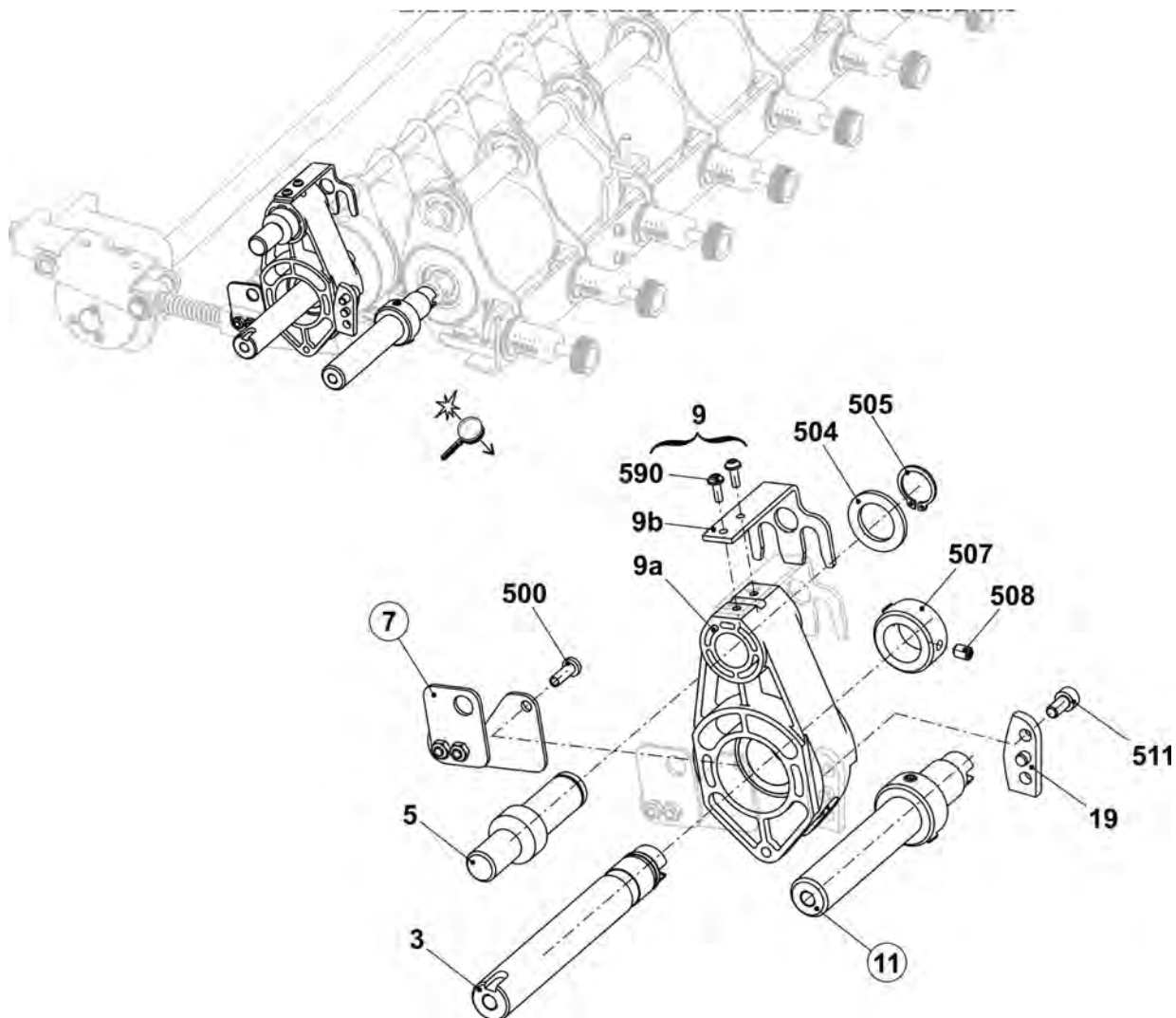
6.1 Main take-down

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down				
1	Main take-down on the left	255 257	3	Main take-down in the middle E5-14	255 249
2	Main take-down on the right	255 258	4	Main take-down on / off complete 84"	253 387



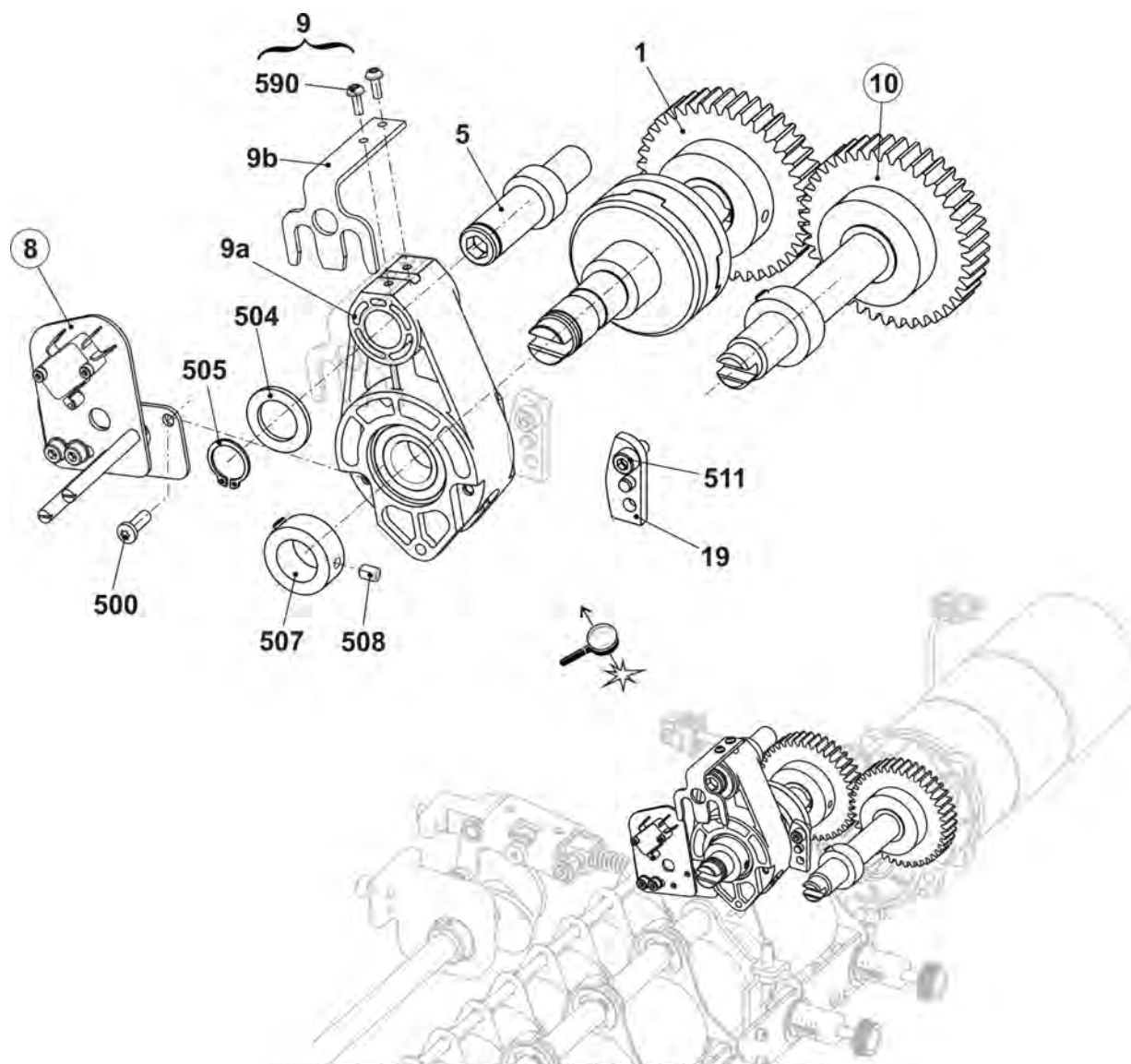
6.2 Main take-down on the left

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on the left	255 257	11	Full floating axle on the left	237 354
3	Shaft on the left at the rear	255 305	19	Stop point	252 503
5	Bolts	208 538	500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725	504	Washer 18	023 295
9	Swivel-mounted bearing	253 247	505	Retaining ring 18x1,2	020 955
9a	Swivel-mounted bearing	253 200	507	Set collar	020 938
9b	Sheet metal support	253 212	508	Setscrew	022 684
590	Screw 35x10	251 729	511	Cap screw M6x12	020 134



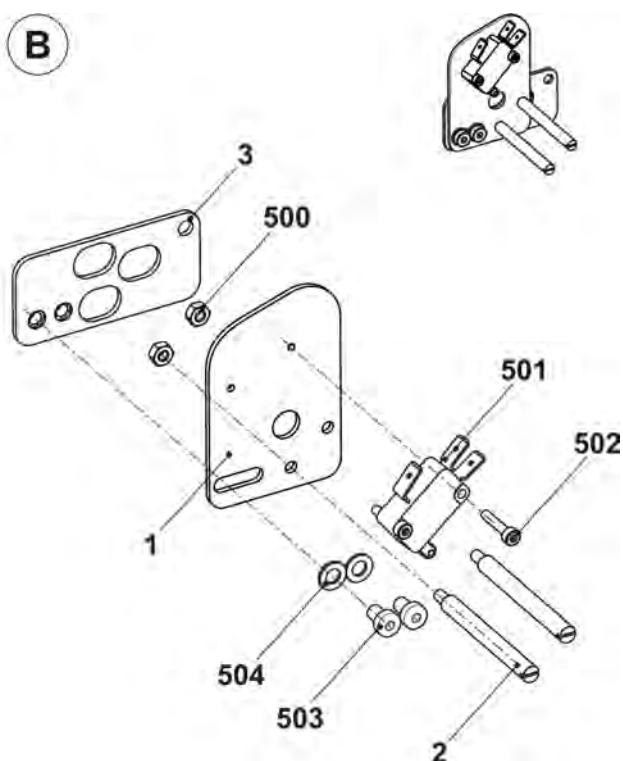
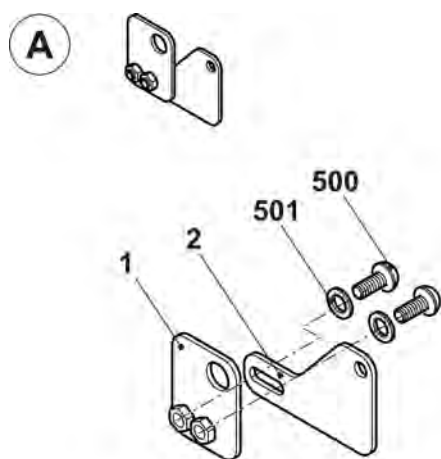
6.3 Main take-down on the right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on the right	255 258	10	Full floating axle on the right	237 353
1	Clutch set	253 260	19	Stop point	252 503
5	Bolts	208 538	500	Screw 50x15	251 728
8	Mounting plate on the right complete	260 090	504	Washer 18	023 295
9	Swivel-mounted bearing	253 247	505	Retaining ring 18x1,2	020 955
9a	Swivel-mounted bearing	253 200	507	Set collar A20	020 938
9b	Sheet metal support	253 212	508	Setscrew M6x8	022 684
590	Screw 35x10	251 729	511	Cap screw M6x12	020 134



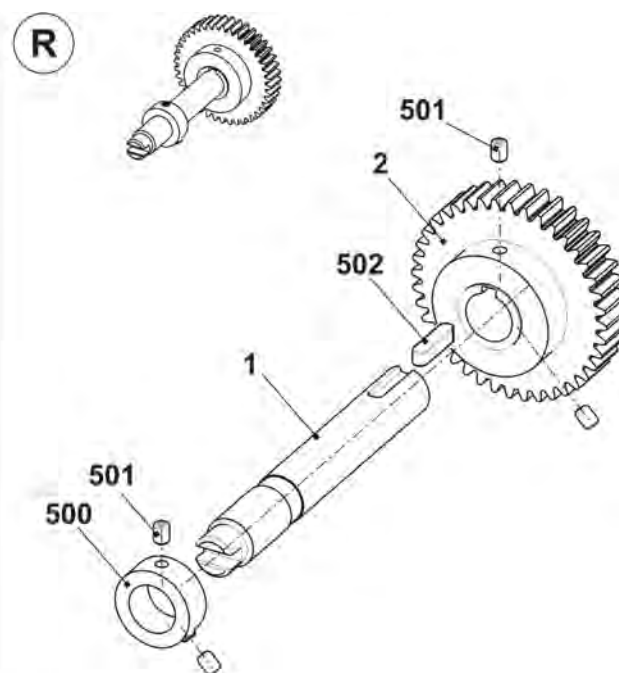
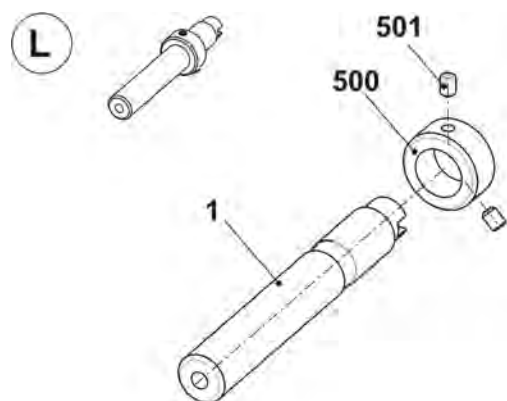
6.3.1 Mounting plate

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



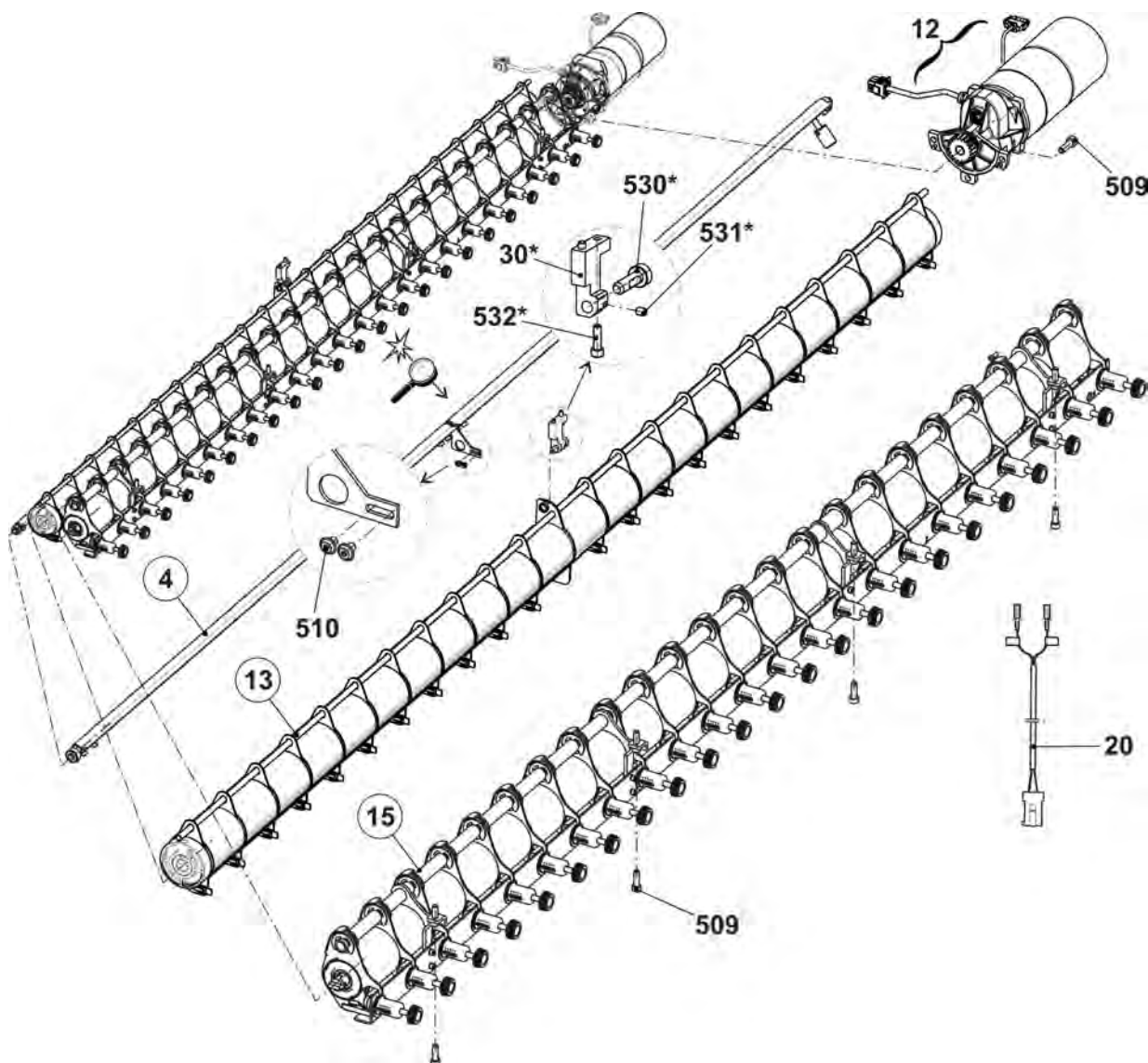
6.3.2 Full floating axle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ L	Full floating axle on the left	237 354	Σ R	Full floating axle on the right	237 353
1	Shaft on the left at the front	237 334	1	Shaft on the right in front	237 340
500	Set collar	020 938	2	Gear wheel Z=40, M=2	213 744
501	Setscrew M6x8	022 684	500	Set collar	020 938
			501	Setscrew M6x8	022 684
			502	Feather key A 6x6x25	023 017



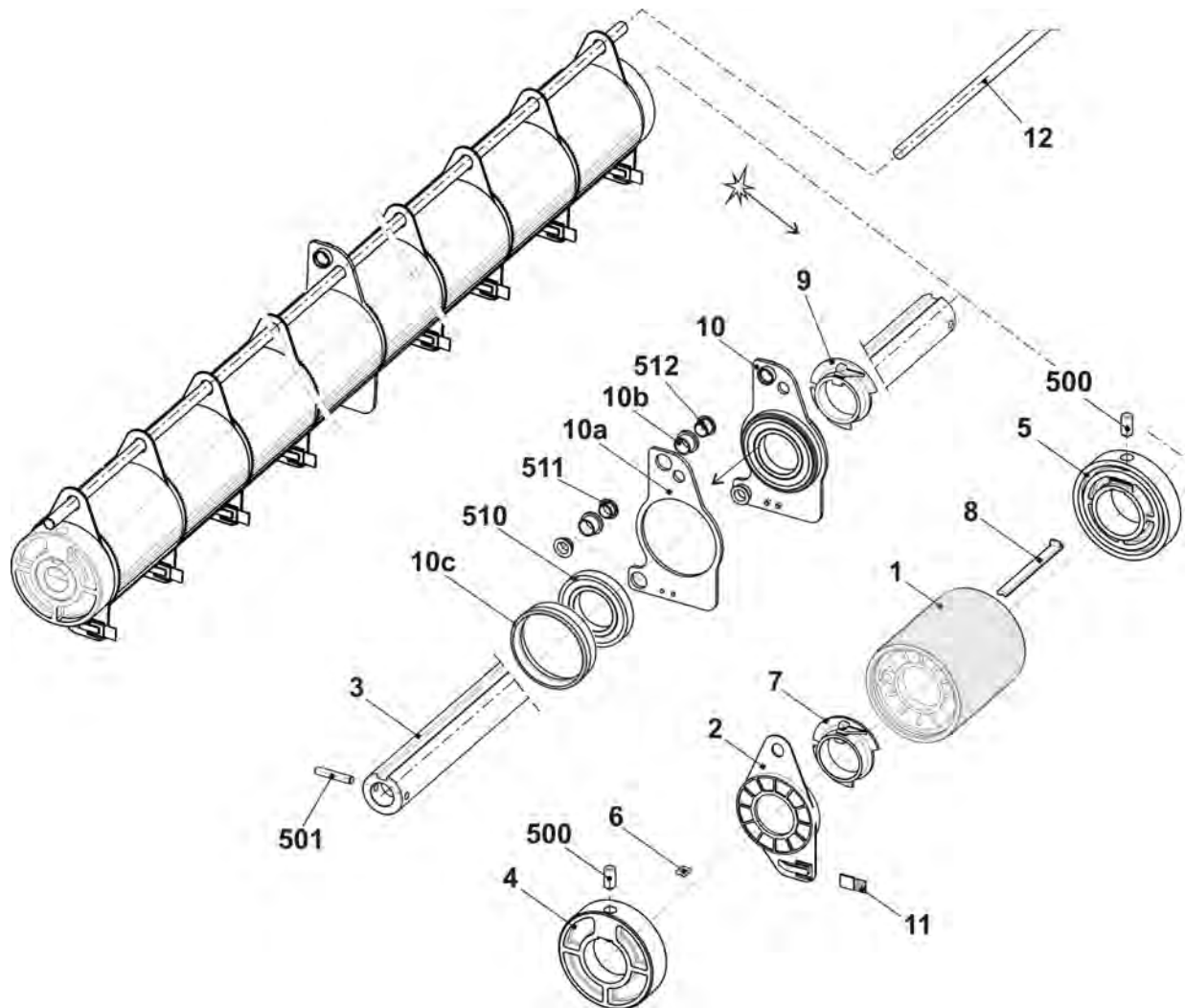
6.4 Main take-down in the middle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down in the middle E5-14	255 249	509	Cap screw M8x25	020 142
4	Stripper angle at the rear complete	259 987	510	Pan-head screw M4x6	235 450
12	Motor take-down unit complete	253 803	30*	Bearing block	237 204
13	Take-down roller at the rear complete E3-14	243 810	530*	Bolts	237 211
15	Take-down roller at the front complete	253 390	531*	Setscrew M6x8	023 723
20	Connection cable winding plate	241 703	532*	Cap screw M8x20	020 136



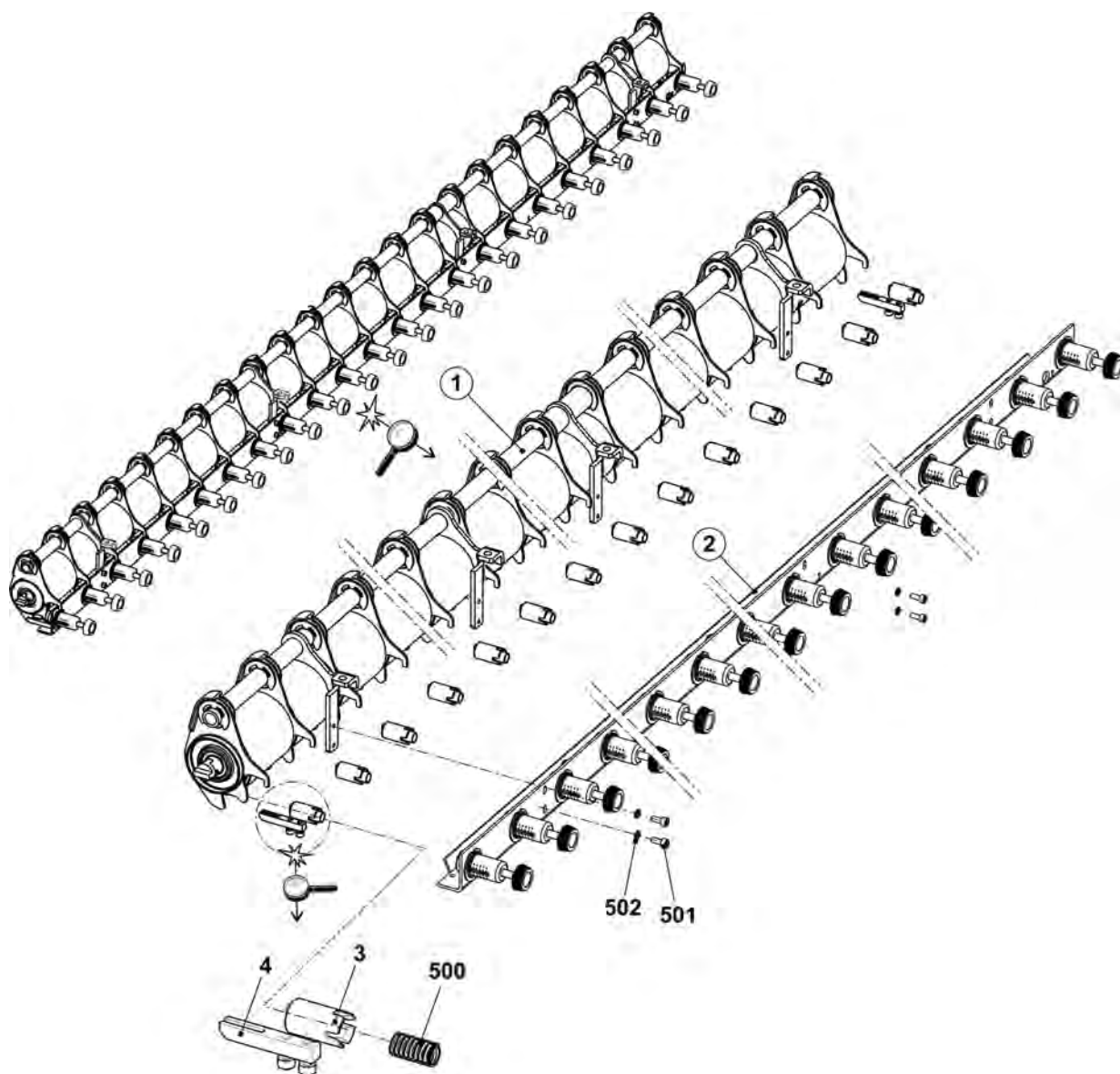
6.4.1 Rear take-down roller

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Take-down roller at the rear complete	243 810			
1	Roller	264 624	10a	Supporting plate	232 512
2	Stripper	241 612	10b	Bearing	232 571
3	Shaft	237 190	10c	Ring	222 895
4	Ring on the left	255 830	11	Brush	225 819
5	Ring on the right	255 831	12	Rod	237 192
6	Spacer slide	222 062	500	Setscrew	258 910
7	Stop ring on the left	204 369	501	Dowel pin 6x32	020 685
8	Spacer slide	264 669	510	Grooved ball bearing 16007	021 697
9	Stop ring on the left	222 910	511	Slide bearing GFM-101216-06	023 280
10	Support	232 578	512	Slide bearing GFM-101216-09	023 356



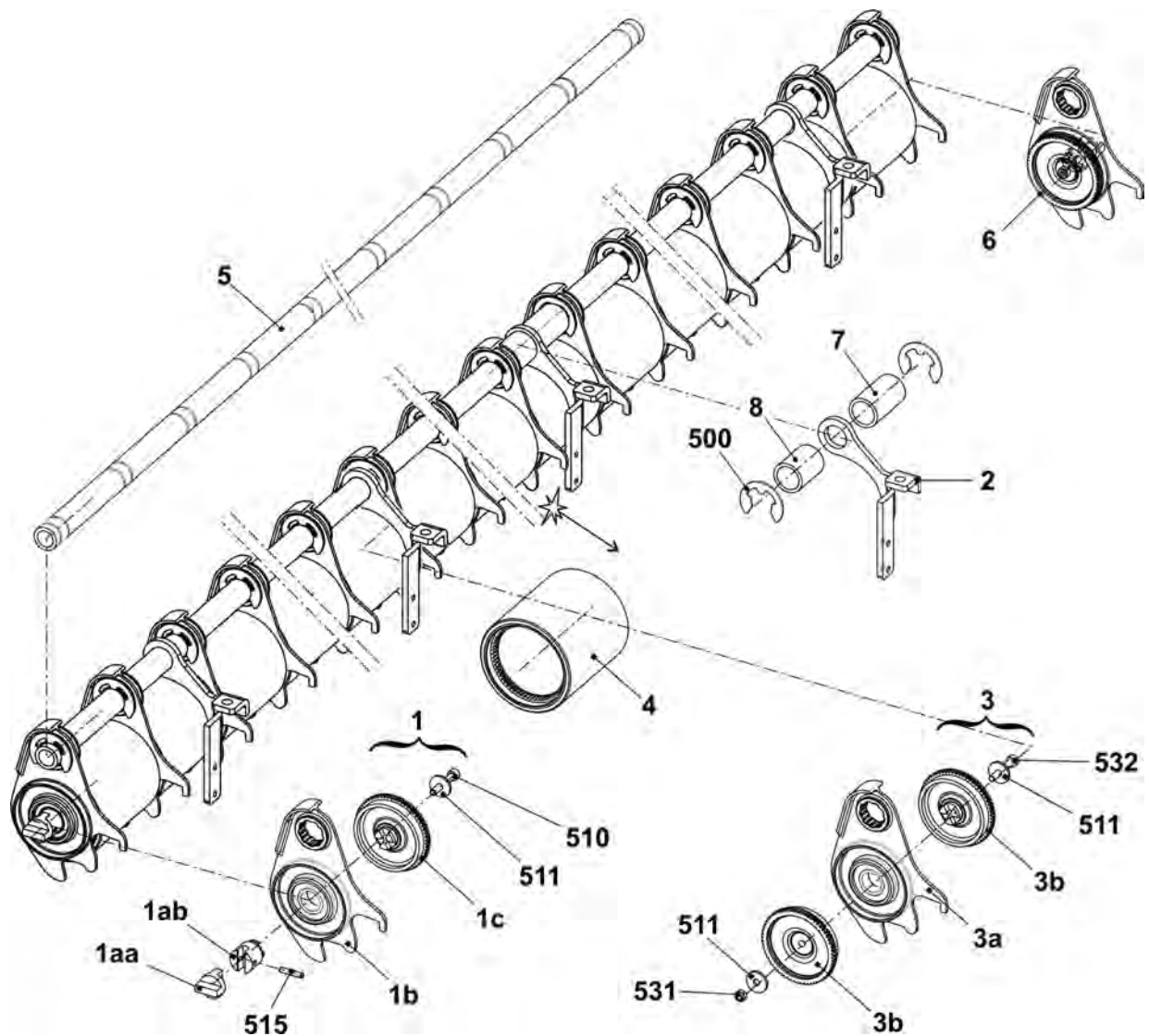
6.4.2 Front take-down roller

Pos	Designation	Id	Pos	Designation	Id
Σ	Take-down roller at the front complete	253 390	4	Locating piece	221 935
1	Take-down roller at the front	253 423	500	Compression spring 1x10x30	023 741
2	Angle rail complete	242 316	501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911	502	Washer 5-200	020 880



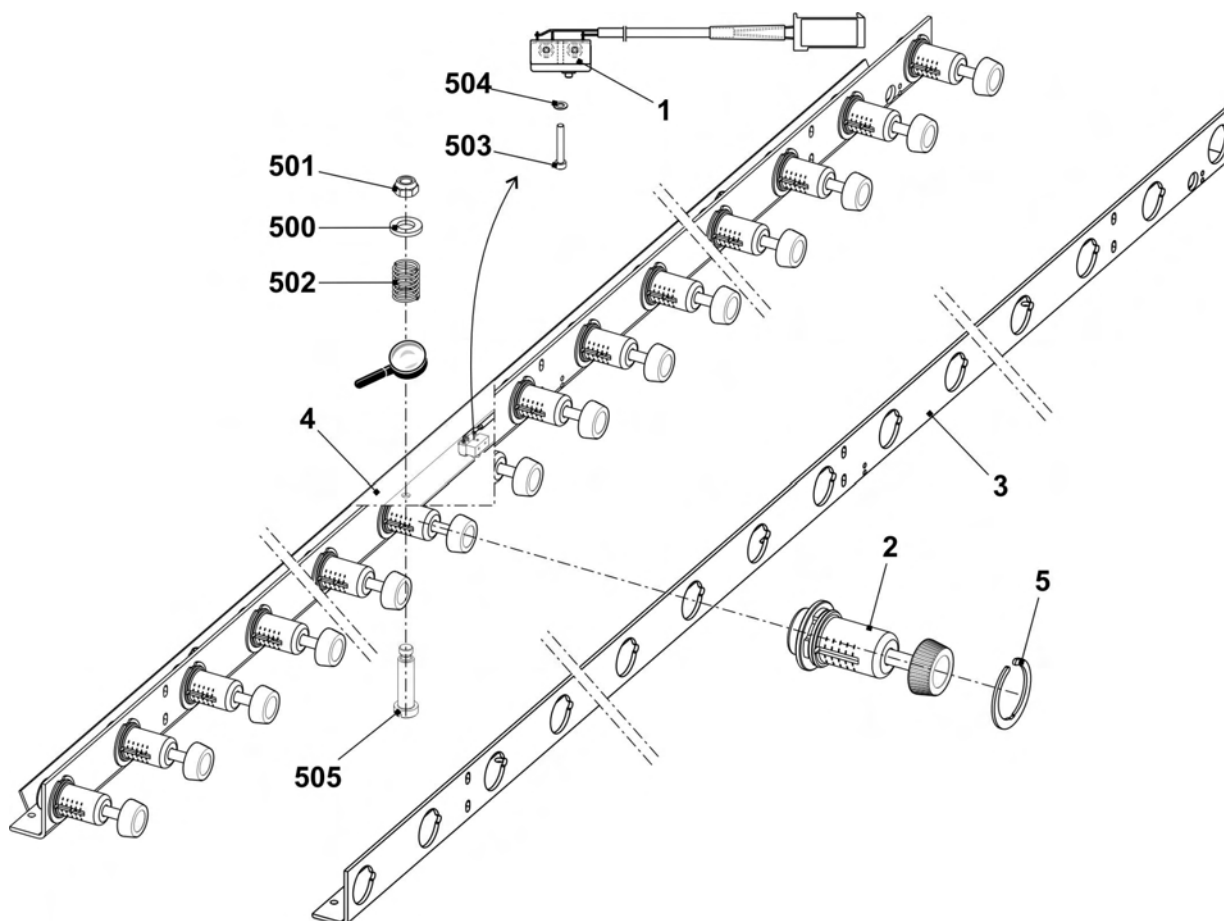
6.4.3 Front roller elements

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Take-down roller at the front	253 423	4	Roller	220 905
1	Bearing support on the left complete	221 225	5	Tube	237 191
1aa	adaptor	221 132	6	Bearing support on the right complete	221 240
1ab	Universal joint	221 137	1aa	Universal joint	221 137
1b	Bearing support	220 913	1ab	adaptor	221 132
1c	Gear wheel	220 910	1b	Bearing support	220 913
510	Cap screw M5x20	020 133	1c	Gear wheel	220 910
511	Washer 5	023 542	510	Cap screw M5x20	020 133
515	Spring dowel sleeve 4x20	023 551	511	Washer 5	023 542
2	Straps	251 557	515	Spring dowel sleeve 4x20	023 551
3	Bearing support complete	221 241	7	Spacer pipe on the right	253 407
3a	Bearing support	220 913	8	Spacer pipe on the left	253 408
3b	Gear wheel	220 910	500	Circlip	021 025
531	Hexagon nut M5-8	023 541			
532	Cap screw M5x30	022 396			



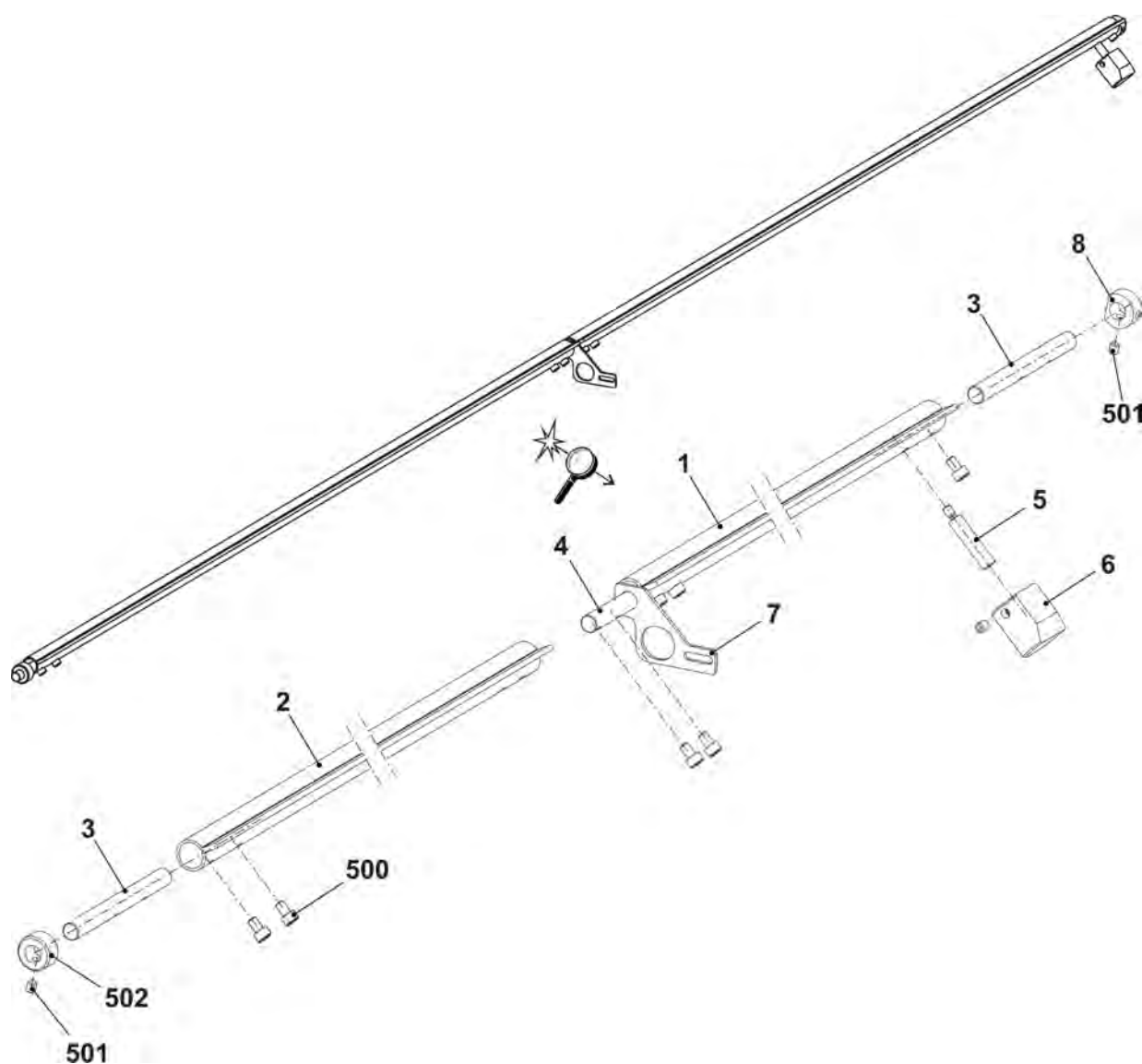
6.4.4 Pressure angle rail

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Angle rail complete	242 316	500	Washer 6	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	242 277	503	Cap screw M2x12	023 522
4	Winding plate	237 195	504	Washer 2-200	022 908
5	Retaining ring	242 325	505	Shoulder screw M5x20x5	023 675



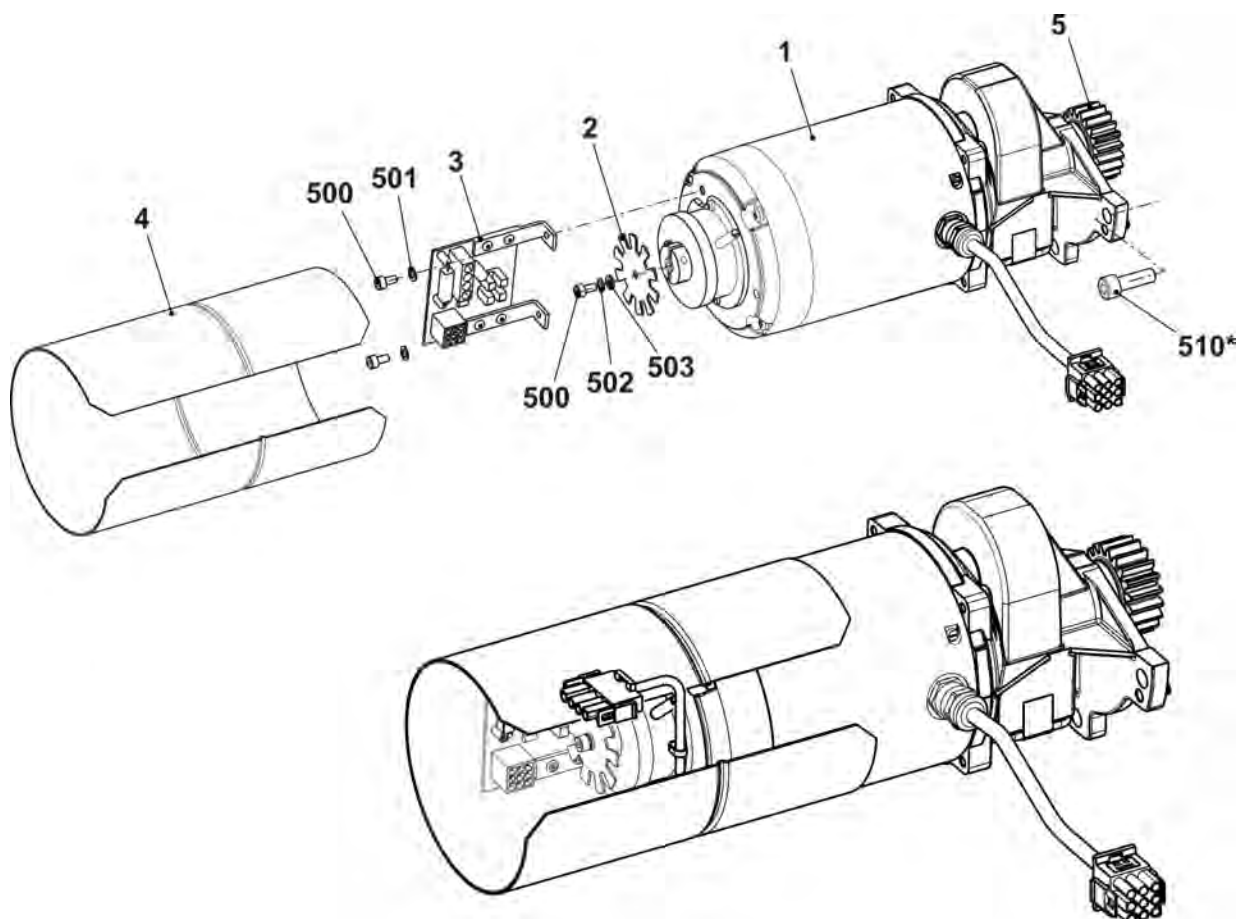
6.4.5 Stripper angle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Stripper angle at the rear complete	259 987	6	Adjustment weight	260 426
1	Stripper angle on the right	259 976	7	Bracket	260 060
2	Stripper angle on the left	259 977	8	Cam	260 109
3	Axle	259 969	500	Cap screw M5x8	023 319
4	Axle	259 970	501	Setscrew M5x6	022 738
5	Bolts	228 310	502	Set collar	020 934



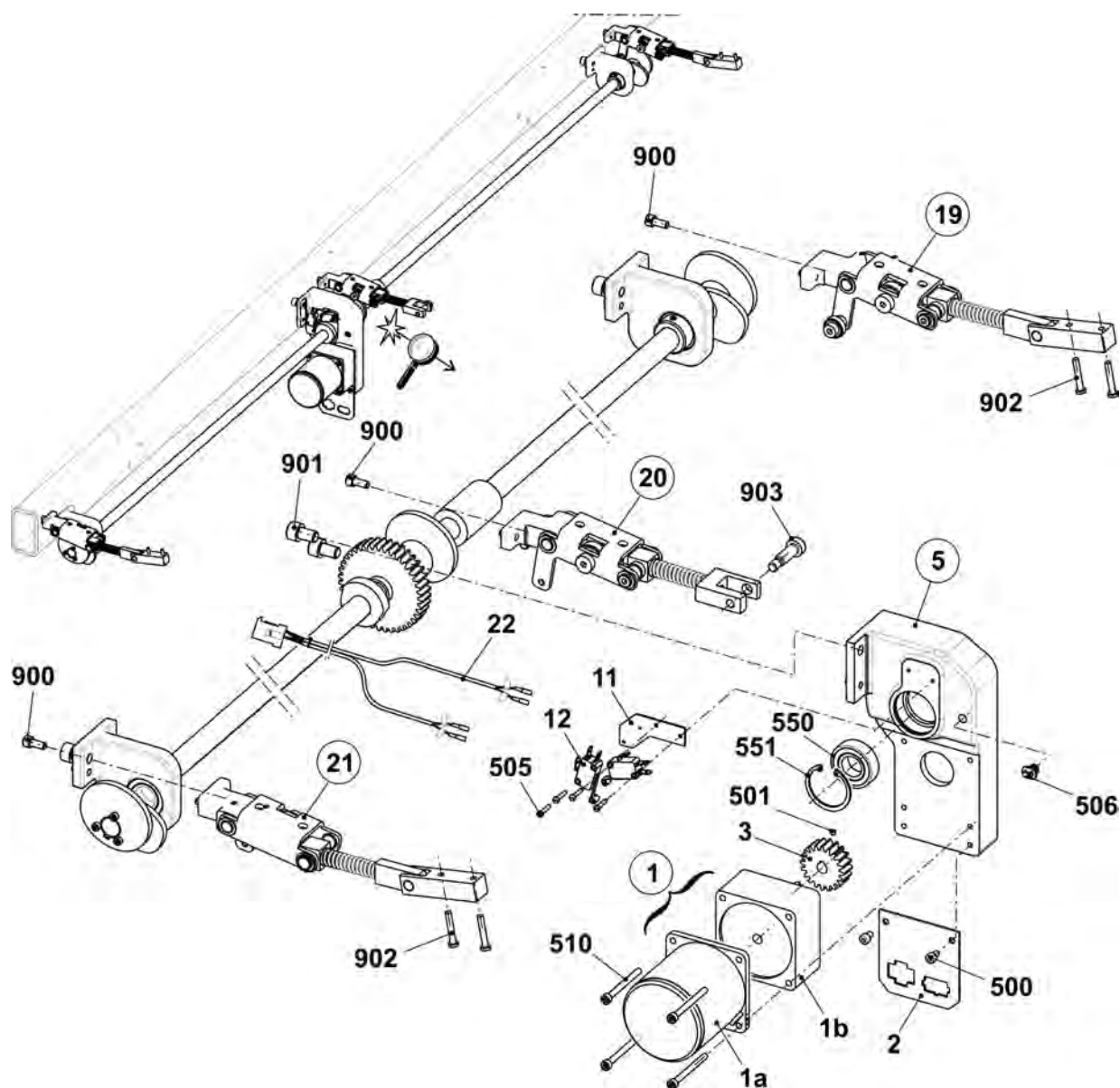
6.4.6 Impulse sensor and motor

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



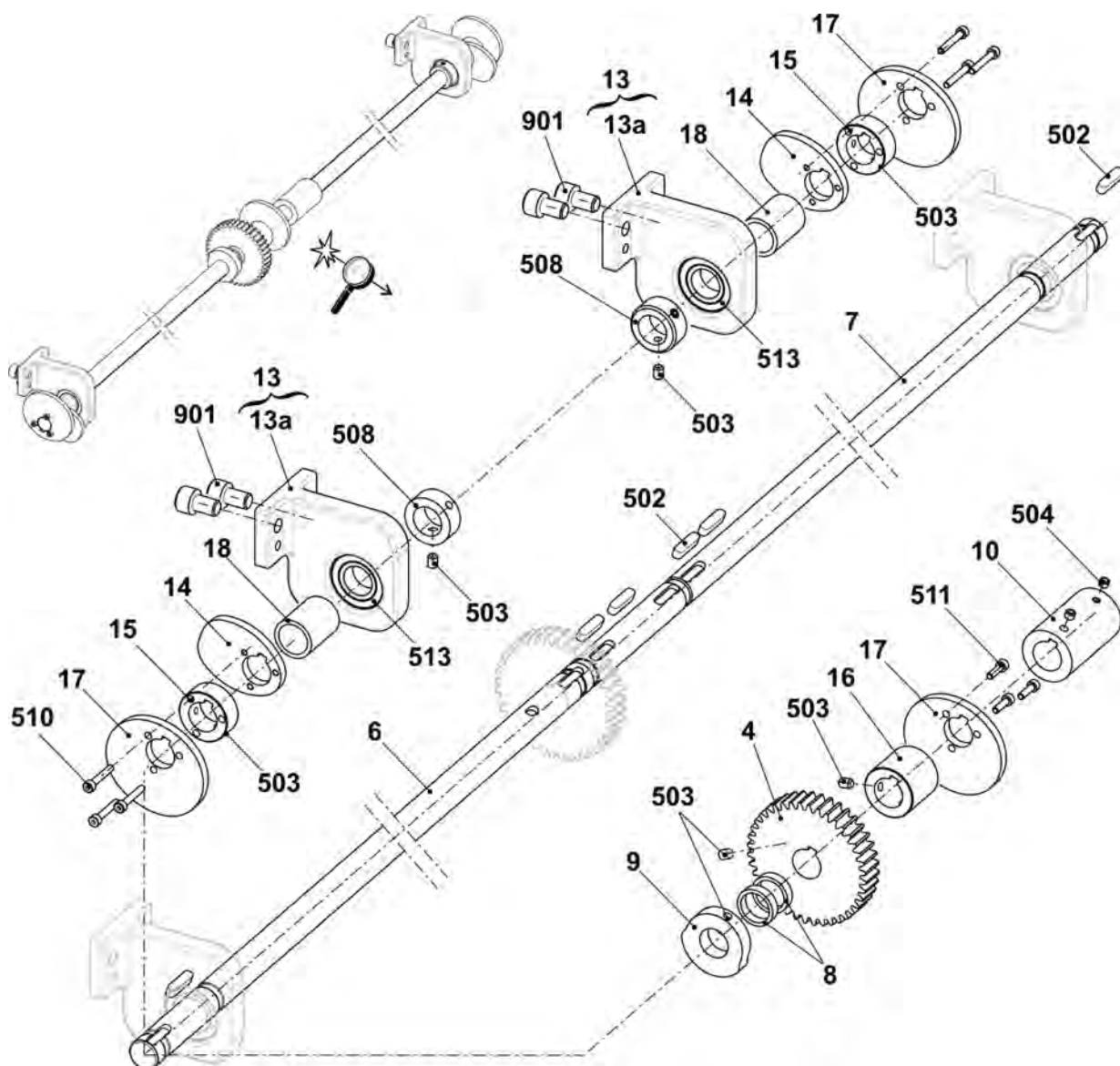
6.5 Take-down closing device

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on / off complete	253 387	19	Swivel support on the right complete	
1	Motor complete		20	Swivel holder on the left complete	
1a	Motor 25W	232 456	21	Swivel holder in the middle complete	
1b	Gear unit	234 983	22	Cable switch HAAB open	232 442
510	Cap screw M5x55	023 321	500	Cap screw M5x8	023 319
2	Sheet metal	232 992	501	Setscrew M4x4	022 875
3	Gear wheel	232 434	505	Cap screw M3x15	020 009
5	Support in the middle complete		506	Assembling element	209 543
550	Grooved ball bearing 6004-2Z	022 720	900	Cap screw M6x14	022 658
551	Retaining ring 42x1,75	023 293	901	Cap screw M10x16	023 895
11	Limit switch retaining plate	235 190	902	Screw M50x30	253 257
12	Microswitch XGK2-S21 250 VAC	210 510	903	Cap screw M10x25	023 751



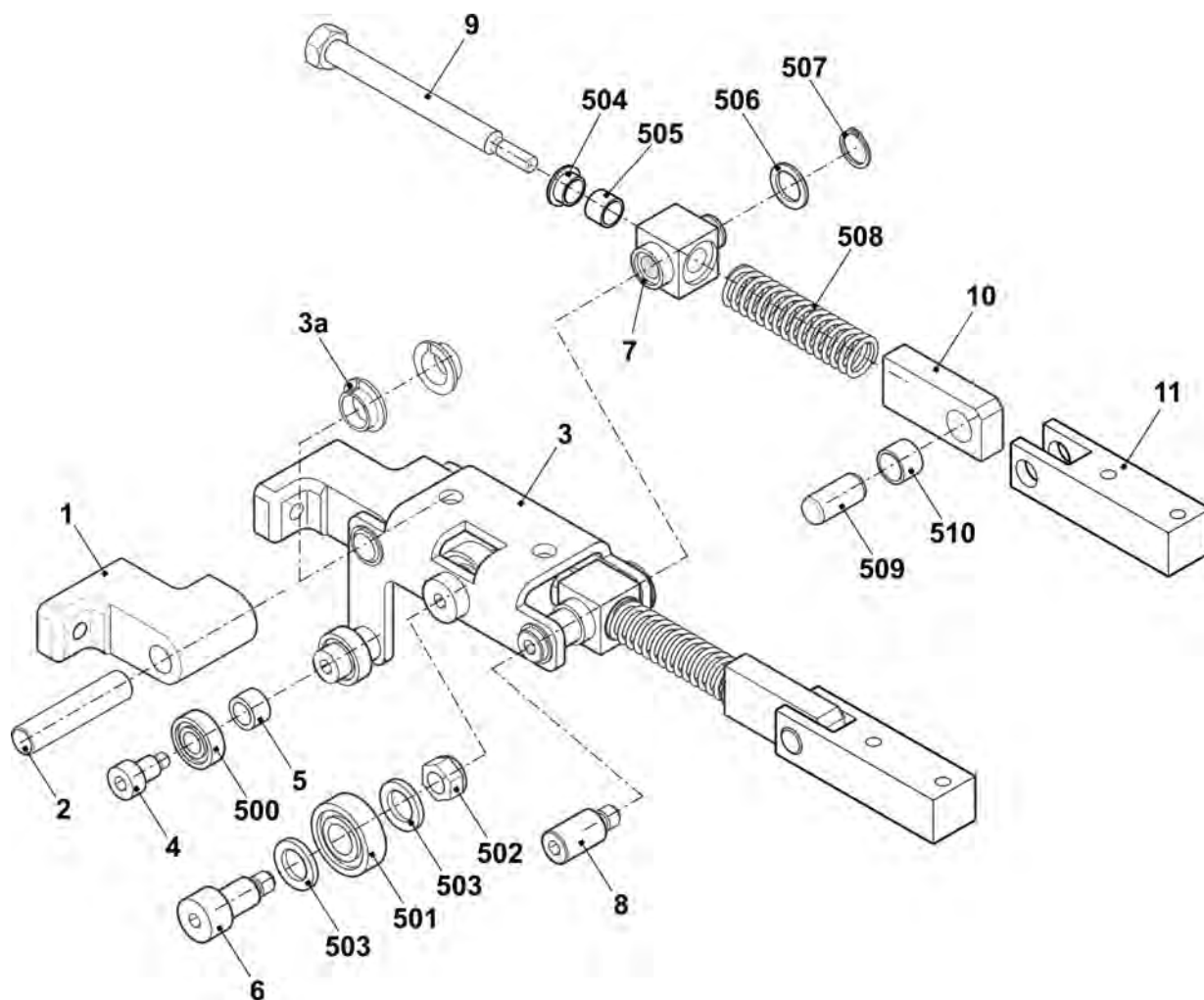
6.6 Continuation of take-down closing device

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on / off complete	253 387	15	Guide bush	234 876
4	Gear wheel	213 744	16	Guide bush	235 623
6	Shaft	237 180	17	Eccentric	232 382
7	Shaft	237 181	18	Spacer pipe	235 128
8	Threaded spacer	232 385	502	Feather key A 6x6x25	023 017
9	Trip cam	232 383	503	Setscrew M6x8	023 723
10	Coupling	232 604	504	Setscrew M6x5	023 192
13	Support on the outside complete	235 248	508	Set collarA20	020 938
13a	Support	234 780	510	Cap screw M4x25	023 302
513	Grooved ball bearing 6004-2Z	022 720	511	Cap screw M4x14	023 604
14	Eccentric	235 135	901	Cap screw M10x16	023 895



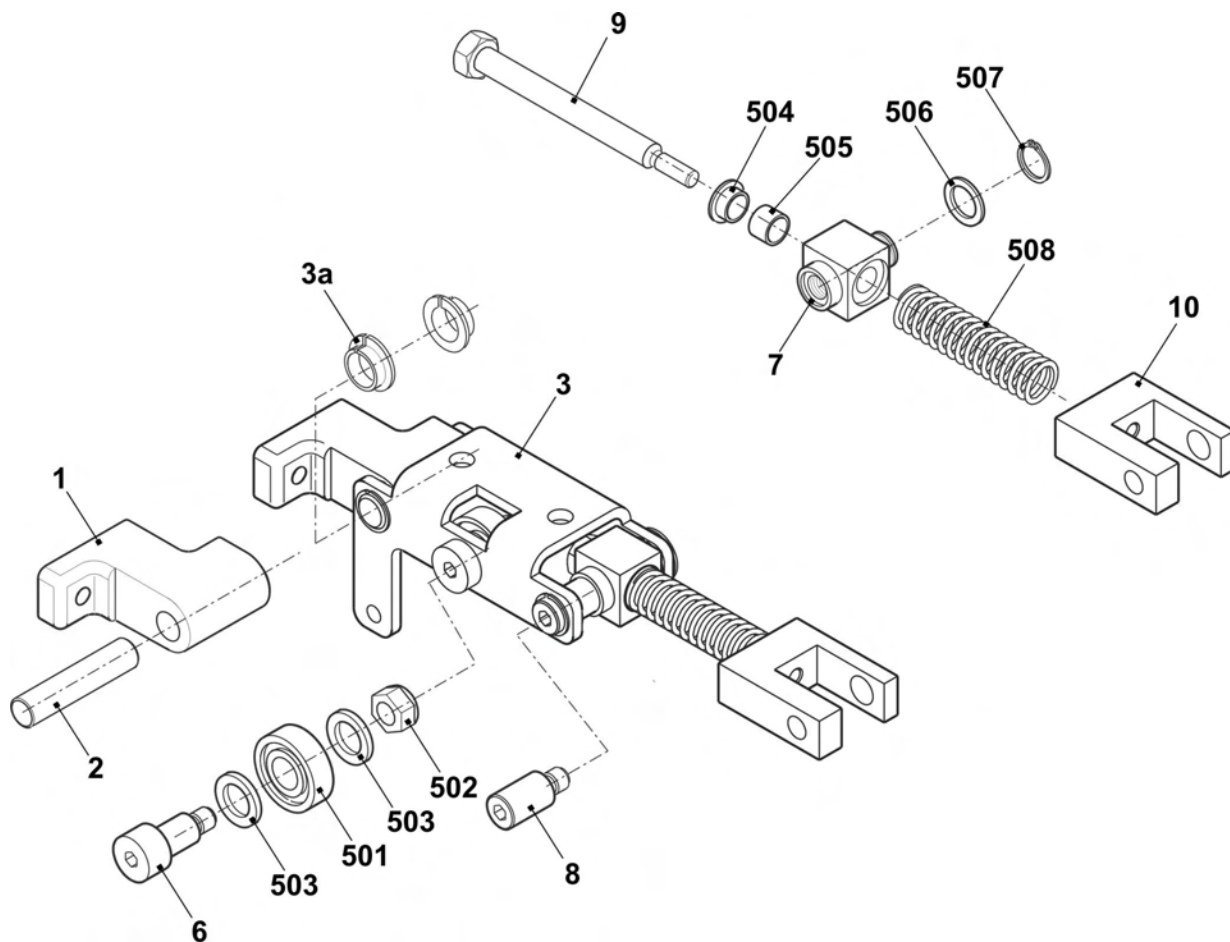
6.6.1 Right swivel support

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Swivel support on the right complete		11	Lever	253 199
1	Support	239 163	500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Grooved ball bearing 6000-2Z	022 599
3	Bow	238 974	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Shim ring 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Retaining ring 12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2,5x12,5x67,5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178



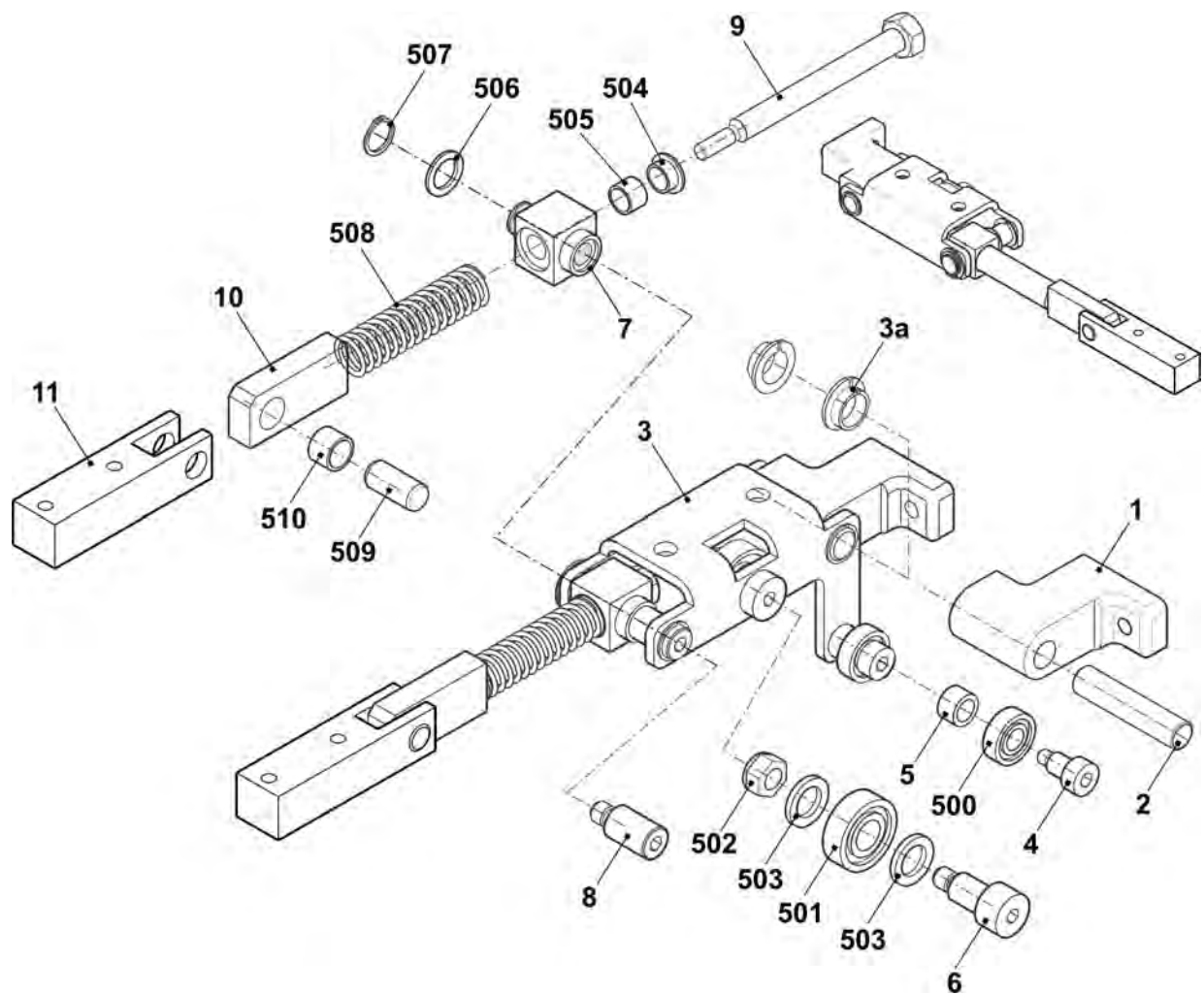
6.6.2 Swivel holder in the middle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Swivel holder in the middle complete		10	Angle	238 778
1	Support	239 163	501	Grooved ball bearing 6000-2Z	022 599
2	Bearing pin	239 164	502	Hexagon nut M8-8	022 843
3	Bow	238 974	503	Shim ring 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639	504	Slide bearing GFM-081014-06	023 358
6	Shoulder screw	239 132	505	Slide bearing GSM-0810-10	023 896
7	Swivel-mounted bearing	239 100	506	Shim ring 12x18x1	023 315
8	Bearing bolt	239 117	507	Retaining ring 12x1	020 951
9	Spring mandrel on the inside	232 388	508	Compression spring 2,5x12,5x67,5	023 743



6.6.3 Left swivel holder

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Swivel holder on the left complete		11	Lever	253 199
1	Support	239 163	500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Grooved ball bearing 6000-2Z	022 599
3	Bow on the left	239 184	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Shim ring 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Retaining ring 12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2,5x12,5x67,5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178

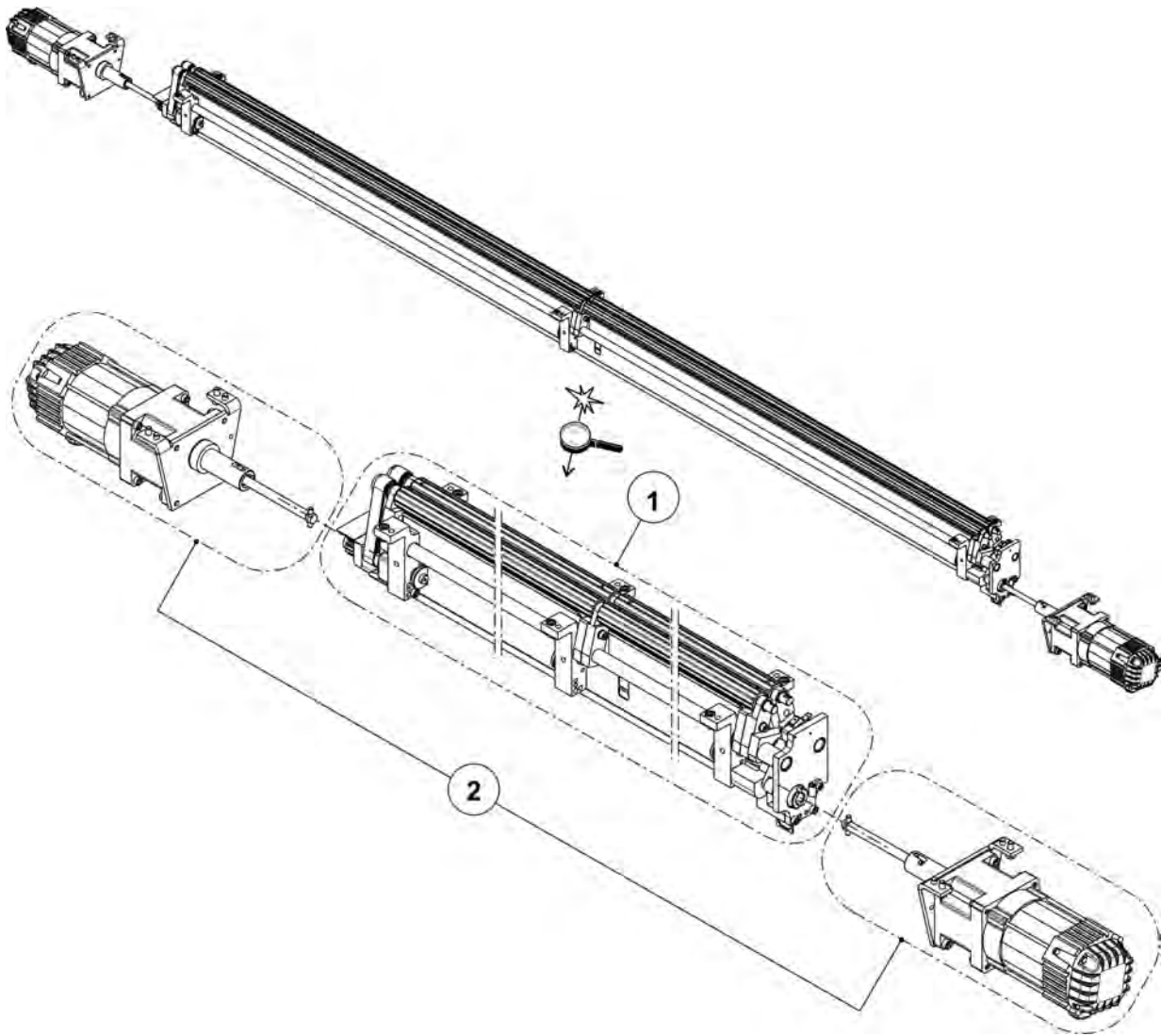


7 Auxiliary Take-down



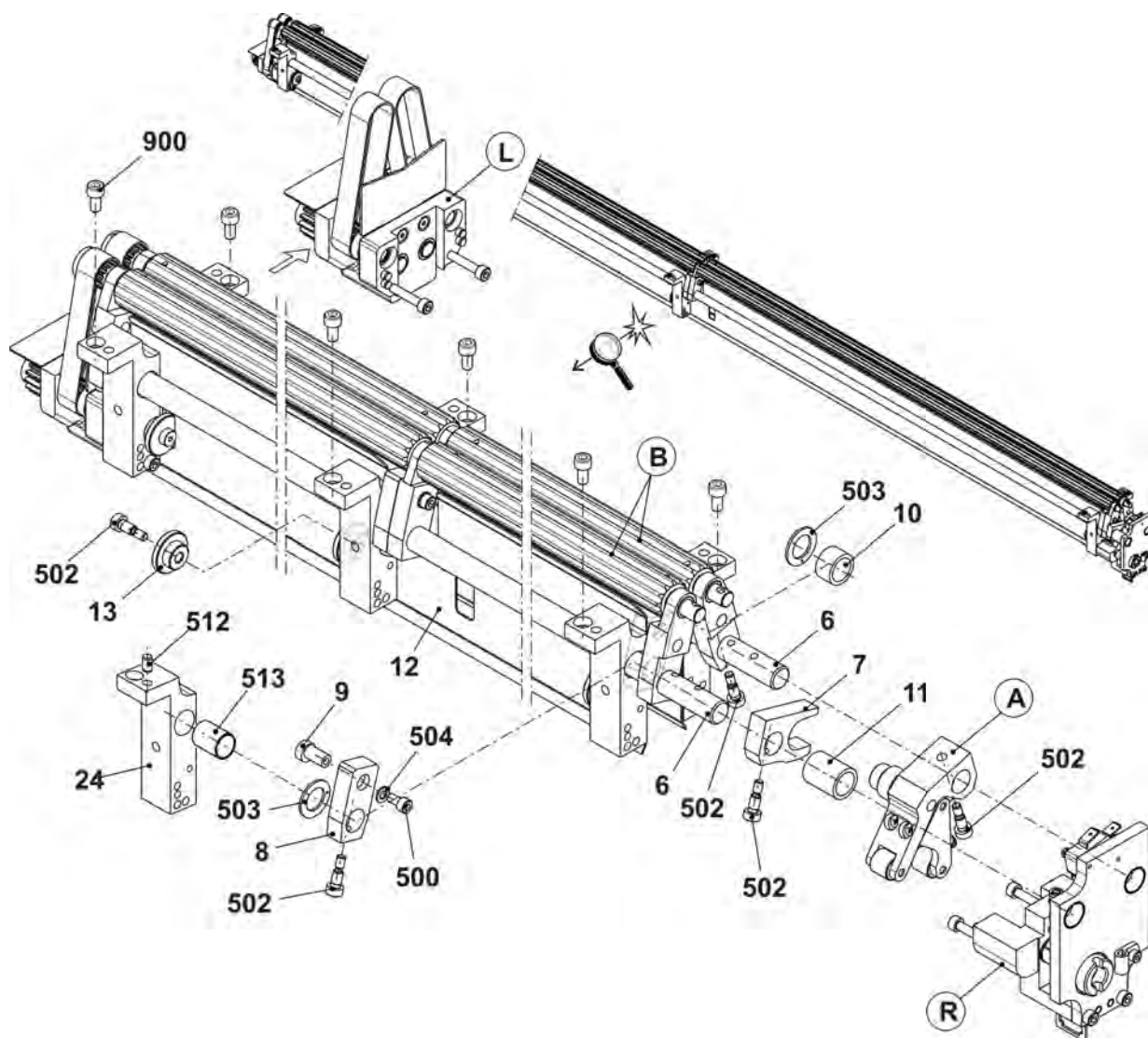
7.1 Auxiliary Take-down

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Auxiliary take-down				
1	Auxiliary take-down pre-assembled	254 974	2	Motor with 2 phases auxiliary take-down complete	235 602



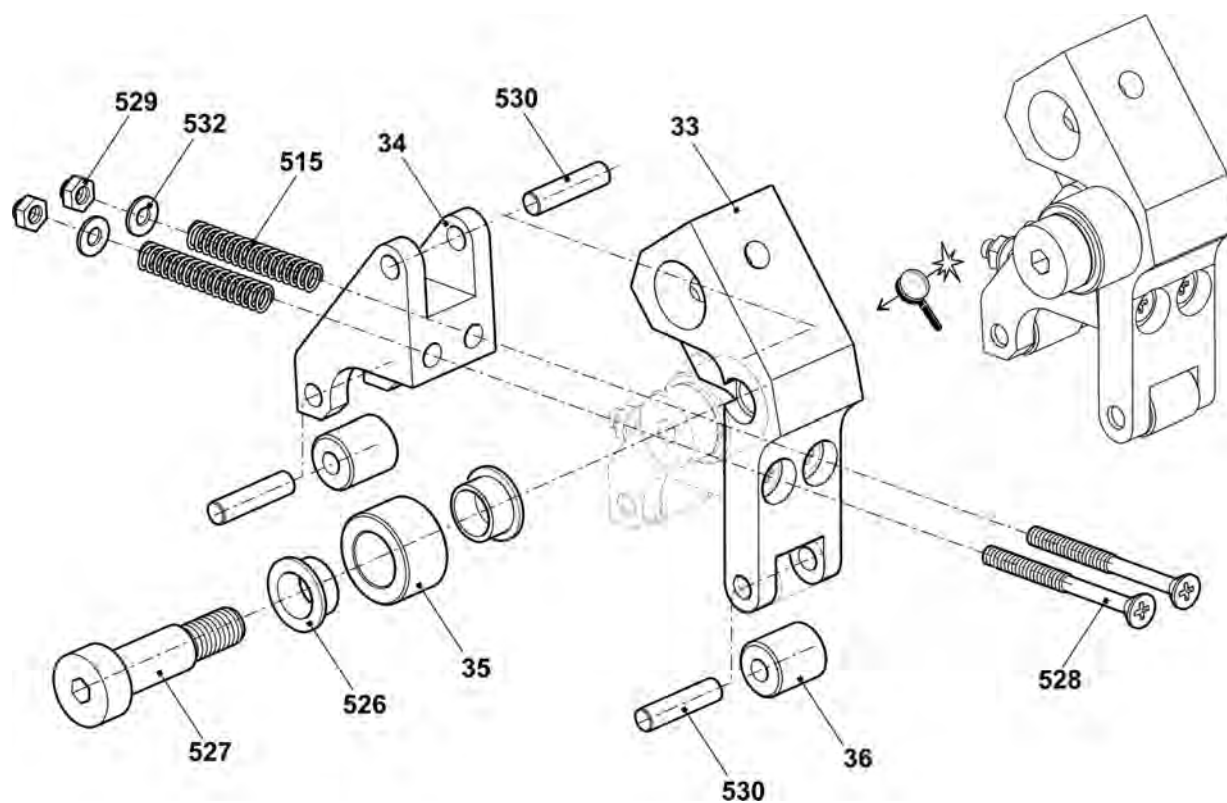
7.1.1 Auxiliary take-down pre-assembled

Pos	Designation	Id	Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	254 974			
6	Contact shaft	237 126	B	Take-down roller	237 128
7	Lever	235 164	L	Bearing on the left	236 894
8	Clamping lever	235 156	R	Bearing on the right	235 353
9	Eccentric	236 952	500	Cap screw M5x10	022 918
10	Spacer pipe	235 189	502	Cap screw 6x10	235 448
11	Spacer pipe	235 192	503	Stop disk GTM-1524-015	235 447
12	Cover plate	237 127	504	Disk5	020 871
13	Roll	235 178	512	Dowel pin 6x10	023 268
24	Support	235 150	513	Slide bearing FSM-1517-20	237 060
A	Contact lever	235 356	900	Cap screw M6x12	020 134



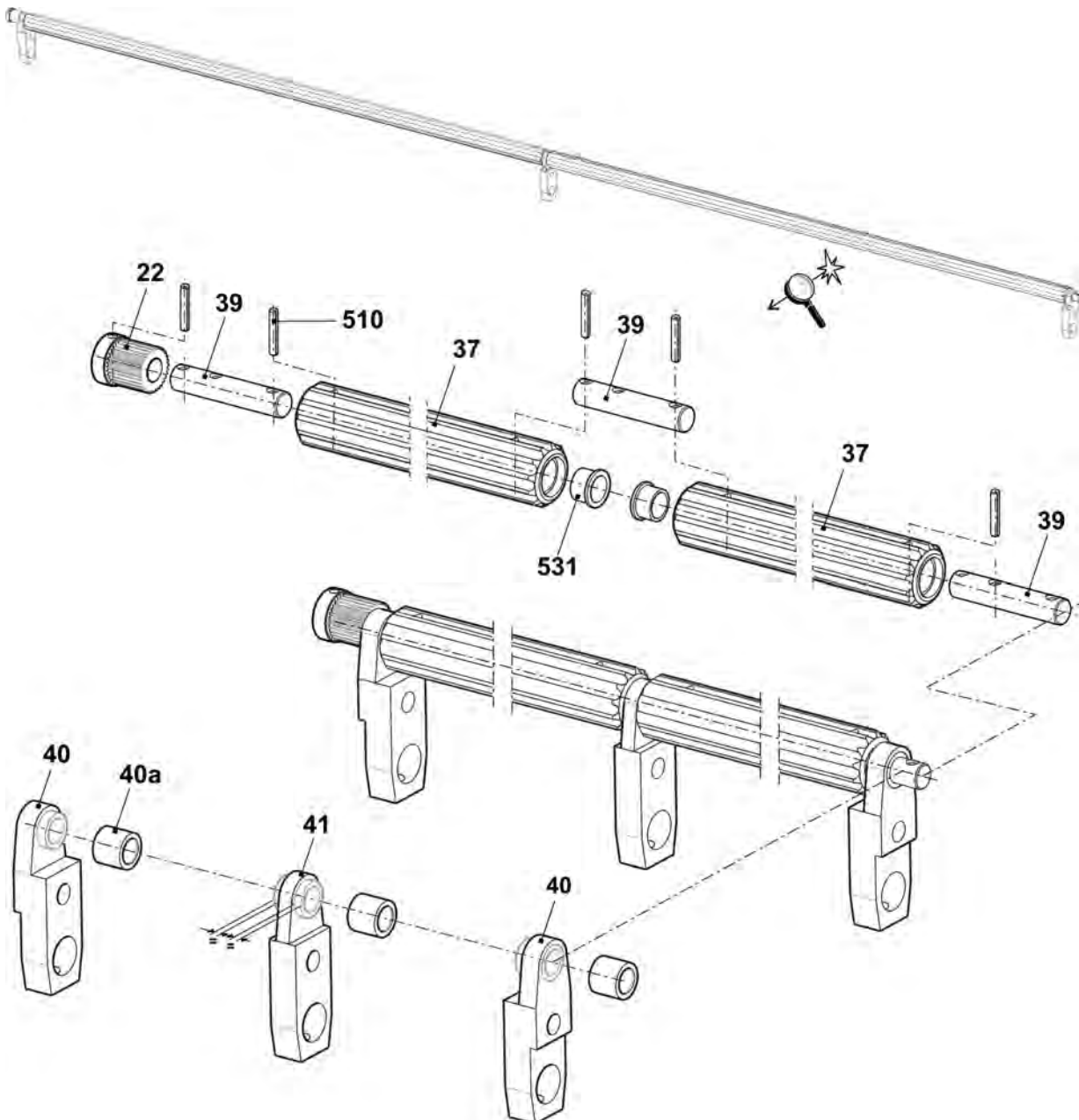
7.1.1.1 Contact lever

Pos	Designation	Id	Pos	Designation	Id
Σ	Contact lever	235 356	526	Slide bearing GFM-10x1216-06	023 280
33	Lever	235 172	527	Cap screw M10x16	023 748
34	Tilting lever	235 173	528	Countersunk screw M4x45	023 291
35	Roller	235 176	529	Hexagon nut M4-8	023 046
36	Roll	235 171	530	Dowel pin 5x22-A-ST	023 716
515	Compression spring 1,6x6,4x27,1	023 288	532	Washer 4	020 870



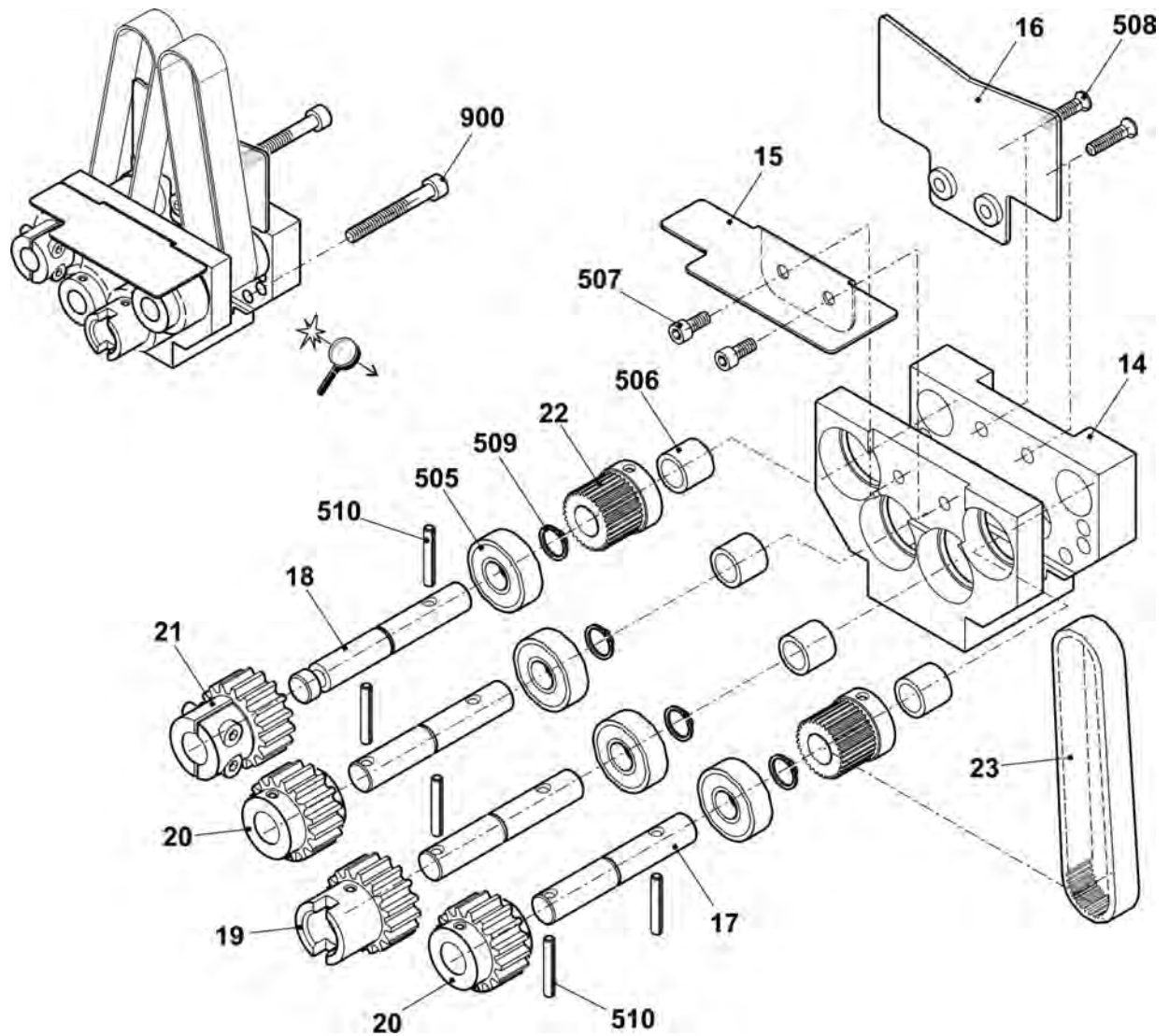
7.1.1.2 Take-down roller

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Take-down roller	237 128			
22	Timing belt pulley	237 043		40a Needle roller bearing 10x14x12	023 665
37	Take-down roller	237 125	41	Lever bearing in the middle complete	235 359
39	Bolts	236 973	531	Slide bearing GFM-101214-07	023 627
40	Lever bearing right/left complete	235 358	510	Spring dowel sleeve 3x18	237 059



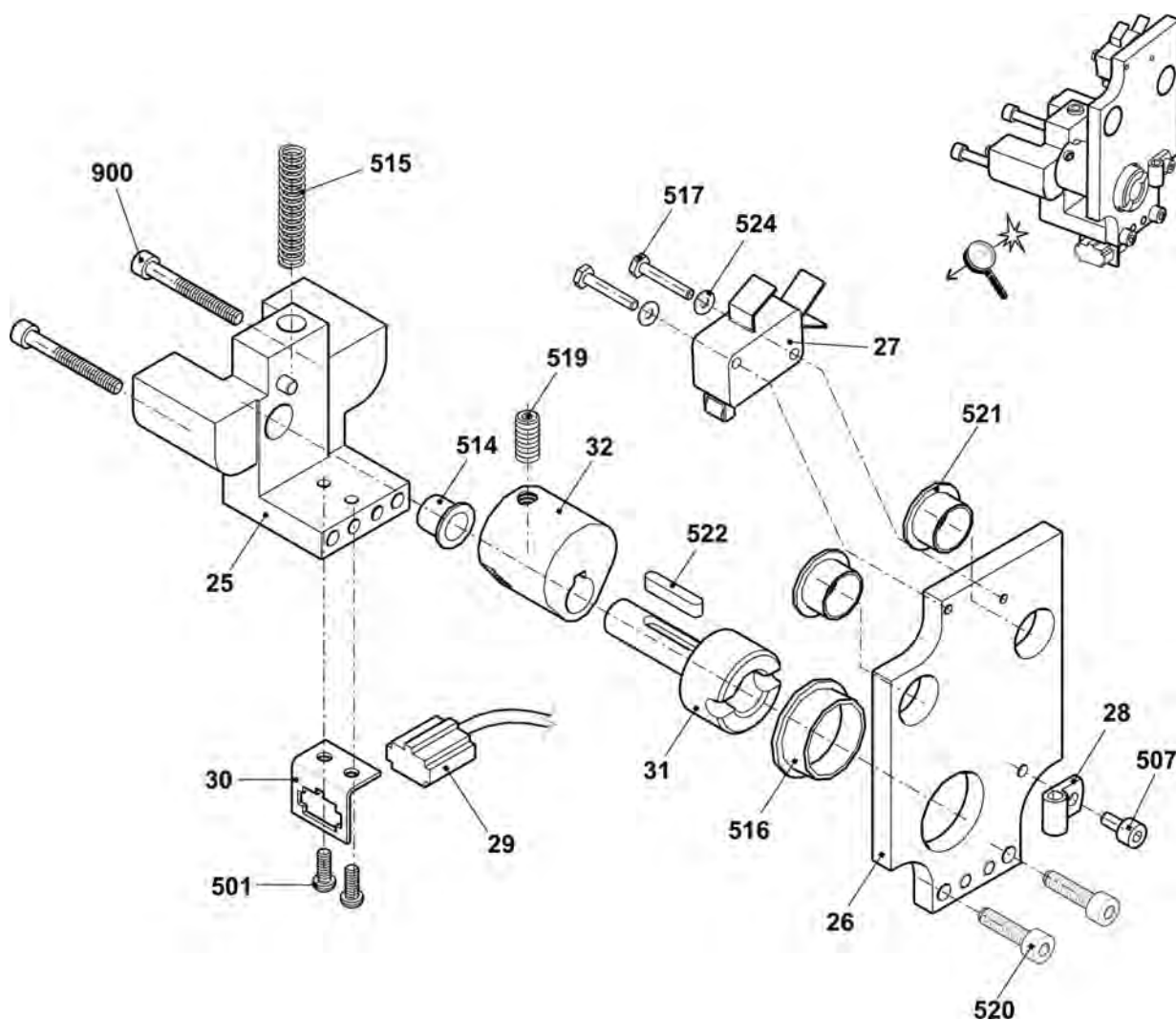
7.1.1.3 Left bearing of the auxiliary take-down

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Bearing on the left	236 894	22	Timing belt pulley	237 043
14	Drive bearing	237 422	23	Toothed beltHPS5M NG CLEAN	237 118
15	Cover plate	236 970	505	Grooved ball bearing 61900-2RS1	023 714
16	Cover plate	237 037	506	Needle roller bearing 10x14x10	023 664
17	Bolts	236 964	507	Cap screw M4x8	022 501
18	Bolts	236 963	508	Countersunk screw M4x12	023 062
19	Gear wheel	236 914	509	Retaining ring10x1	020 950
20	Gear wheel	236 916	510	Spring dowel sleeve 3x18	237 059
21	Gear wheel	236 917	900	Cap screw M5x35	022 879



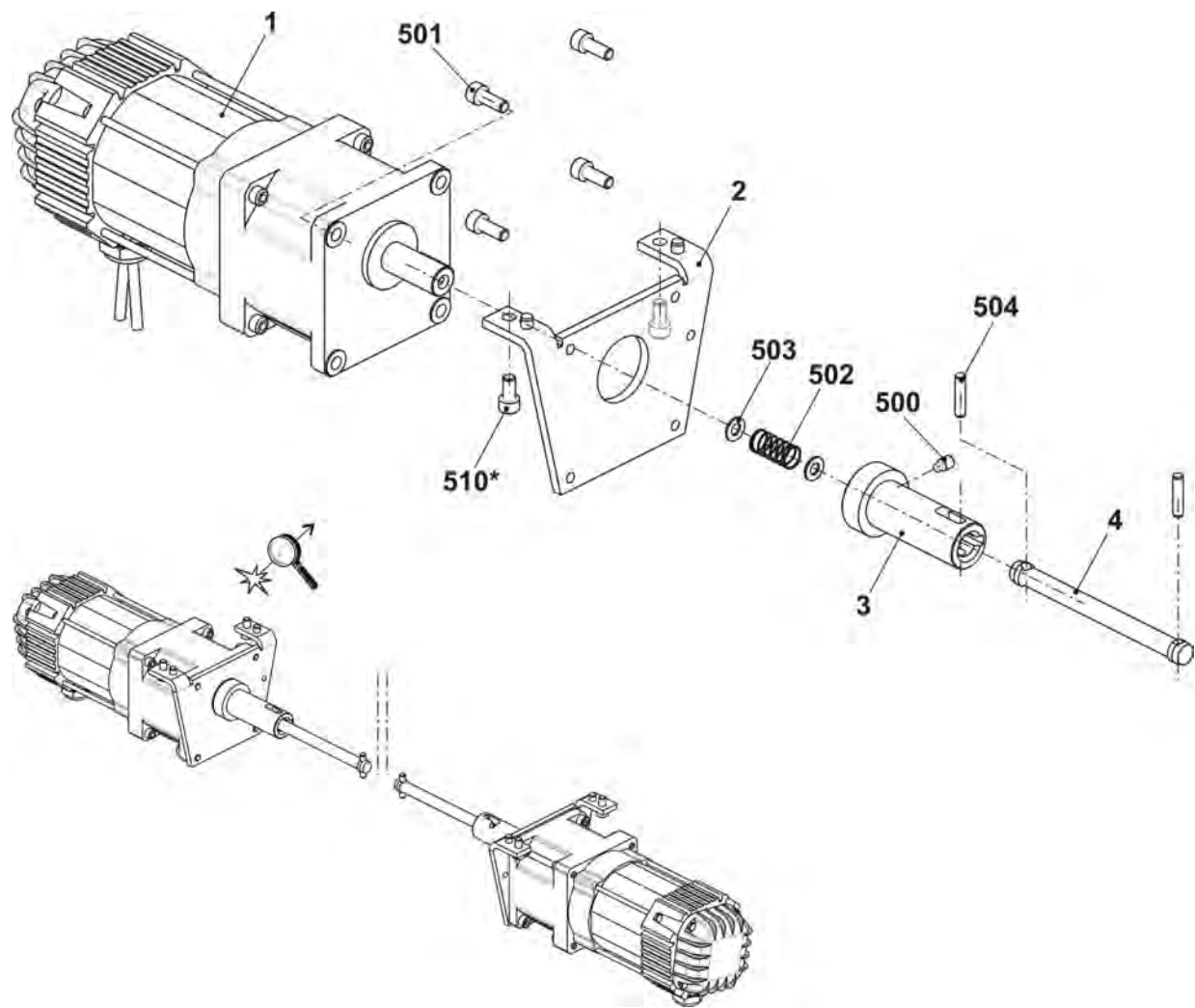
7.1.1.4 Right bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the right	235 353			
25	Bearing on the right	237 520	514	Slide bearing GFM-101216-09	023 356
26	Plate	235 168	515	Compression spring 1,6x6,4x27,1	023 288
27	Microswitch	026 259	516	Slide bearing GFM-2427-07	023 712
28	Cable clip N-3B 5mm	210 729	517	Hexagon screw M3x16	237 058
29	Cable switch HIAB St468	235 027	519	Setscrew M6x12	023 724
30	Sheet metal for plug	236 068	520	Cap screw M5x16	022 726
31	Shaft	235 159	521	Slide bearing GFM-1517-09	235 342
32	Eccentric	235 165	522	Feather key A 4x4x20	235 349
501	Pan-head screw M4x8	023 579	524	Washer 3	020 877
507	Cap screw M4x8	022 501	900	Cap screw M5x35	022 879



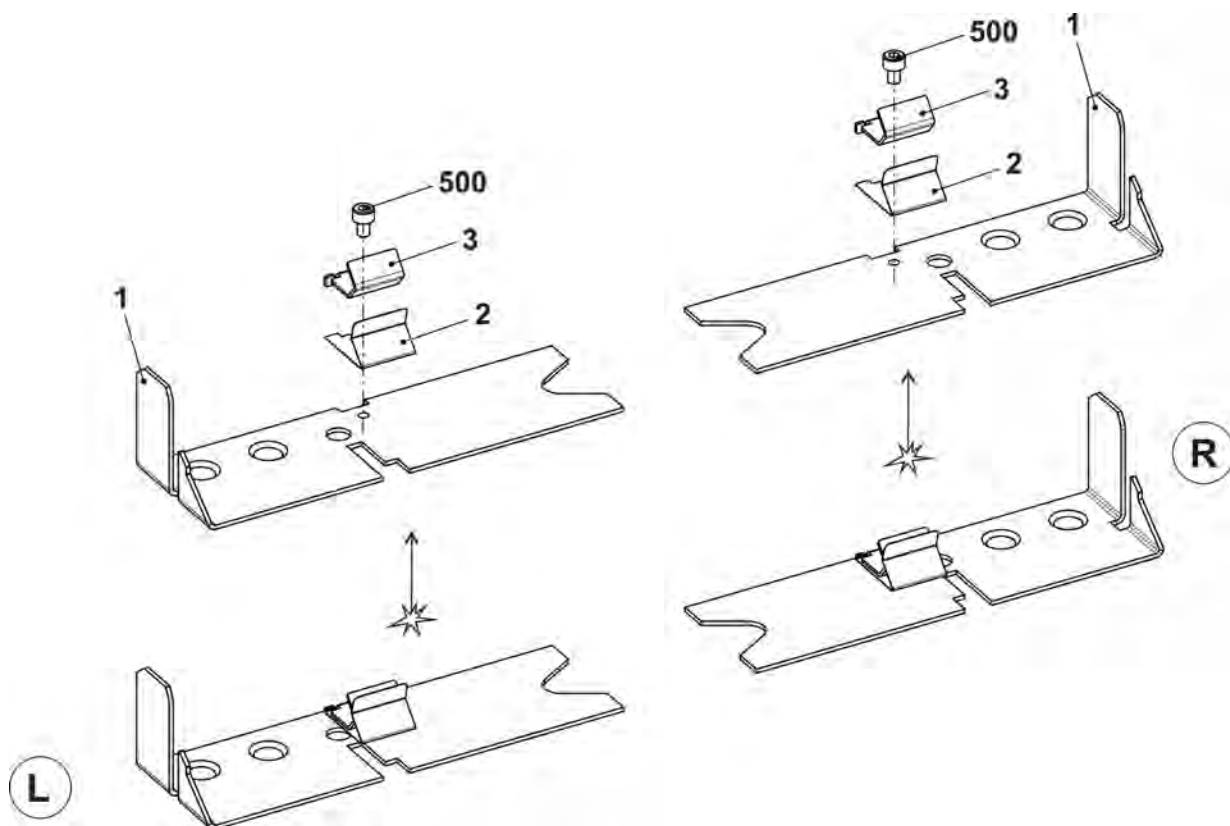
7.1.2 Motor

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Motor with 2 phases auxiliary take-down complete				
1	Motor 1,8NM 30MIN-1	234 805	511	Setscrew M6x10	023 543
2	Motor bracket	235 276	512	Cap screw M6x16	020 135
3	Drive sleeve	235 285	513	Compression spring 0,63x10,97x40	023 500
4	Shaft	235 300	514	Shim ring 6x12x1	023 444
510	Cap screw M6x12	020 134	515	Dowel pin 5x22-A-ST	023 716

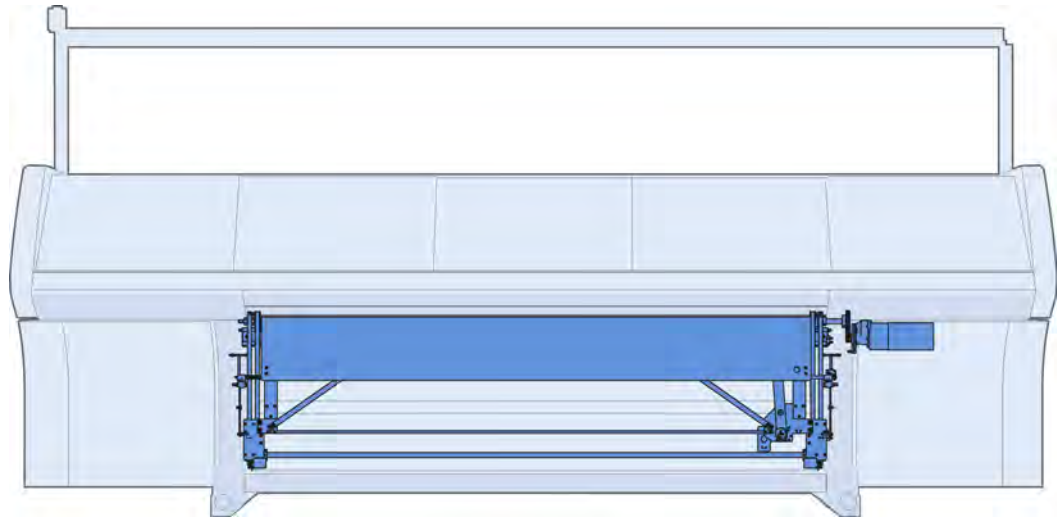


7.2 Yarn brake at clamping and cutting bed

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ L	Yarn brake on the left	257 794	Σ R	Yarn brake on the right	257 793
1	Cover on the left	257 792	3	Cover on the right	257 791
2	Leaf spring	256 712	1	Leaf spring	256 712
3	Test clamping plate	256 713	2	Test clamping plate	256 713
500	Cap screw M4x6	023 067	500	Cap screw M4x6	023 067

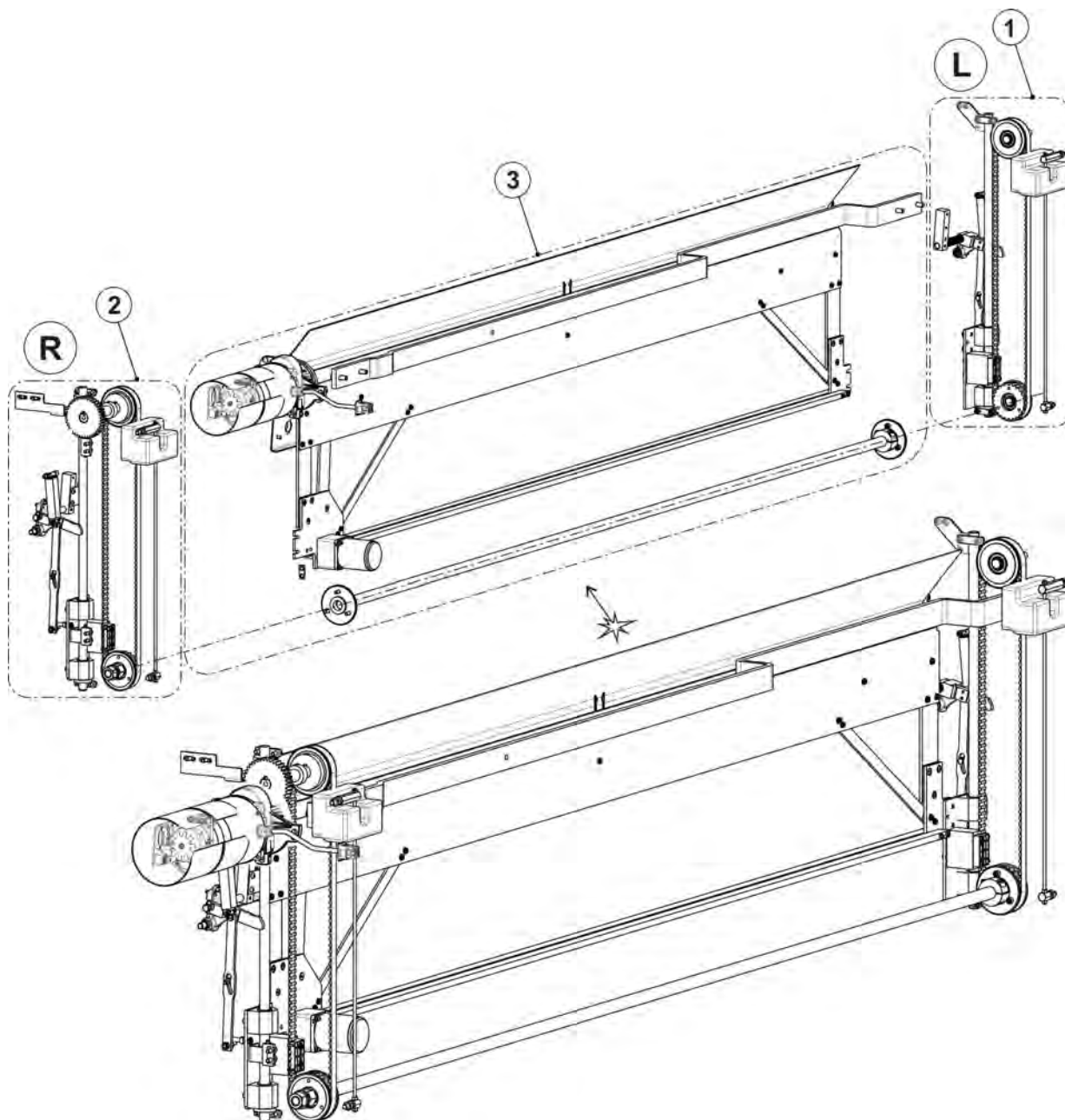


8 Comb Take-down



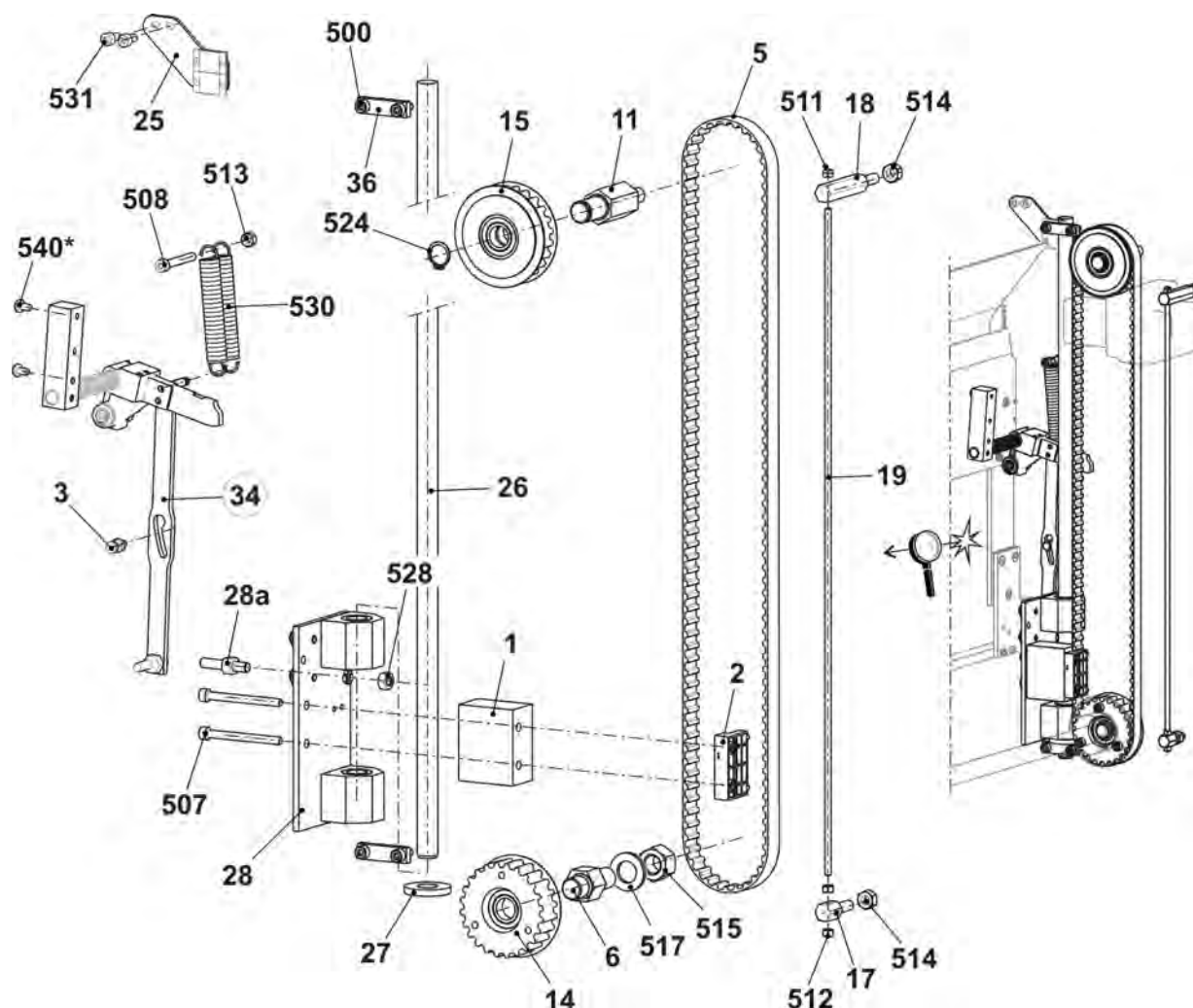
8.1 Comb Take-down

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Comb take-down		3	Comb take-down in the middle	
1	Comb take-down on the left	261 815	E5 E5m.4 E2,5.2		255 268
2	Comb take-down on the right	256 839	E7 E7m.5 E7m.8 E3,5.2		255 269
			E8 E8m.7		255 270
			E5.2		255 271



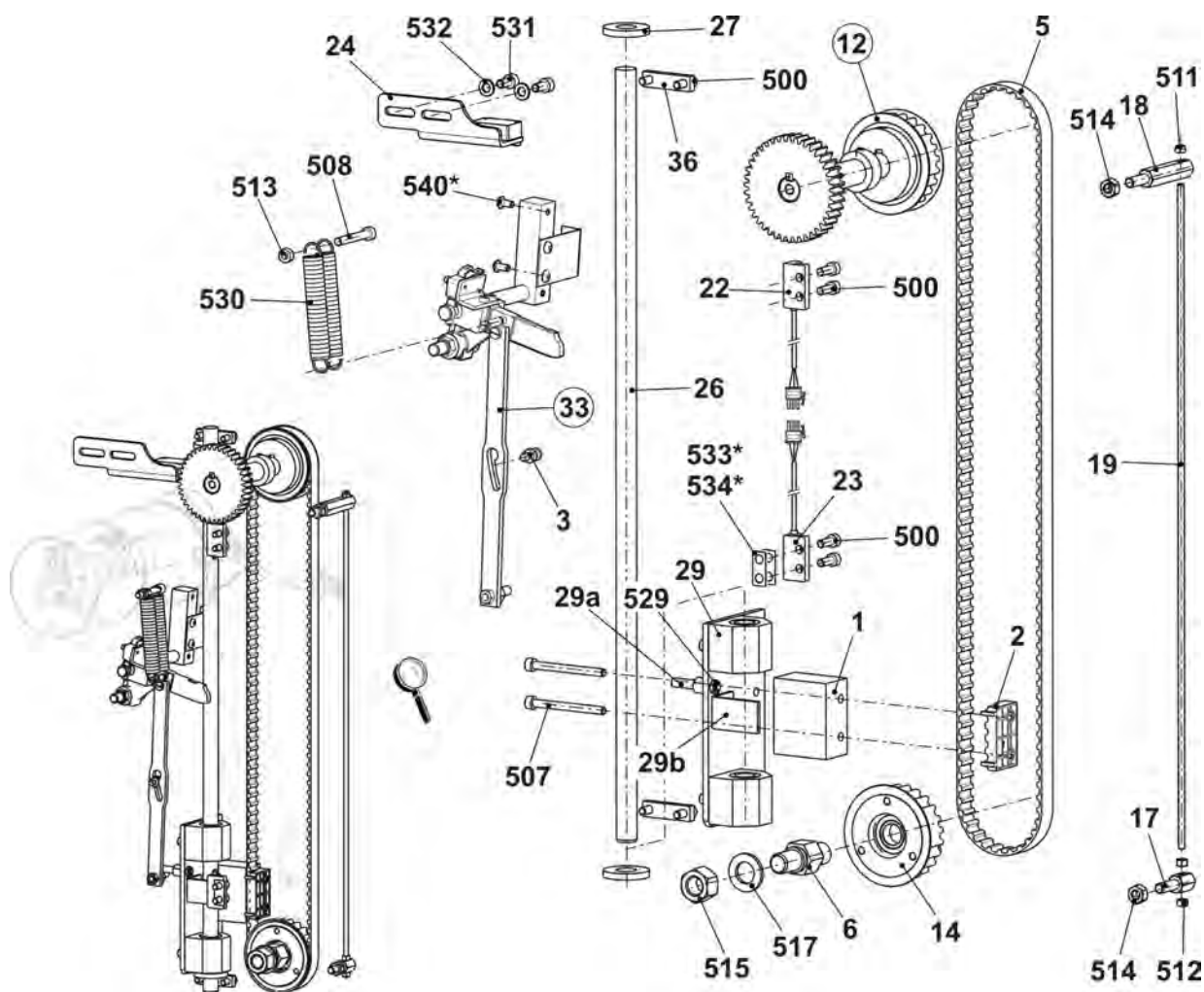
8.1.1 Comb take-down on the left

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Comb take-down on the left	261 815			
1	Clamping piece	209 379	528	Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
11	Bolts	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	261 374	517	Washer 16	020 876
26	Guide bar C35	206 560	524	Retaining ring 17x1	023 299
27	Rubber buffer	206 561	530	Tension spring Din2097 15x1,50x70,94	251 614
28	Comb guide on the left	255 425	531	Cap screw M6x12	020 134
28a	Driving bolt	255 427	540*	Pan-head screw M5x10	023 247



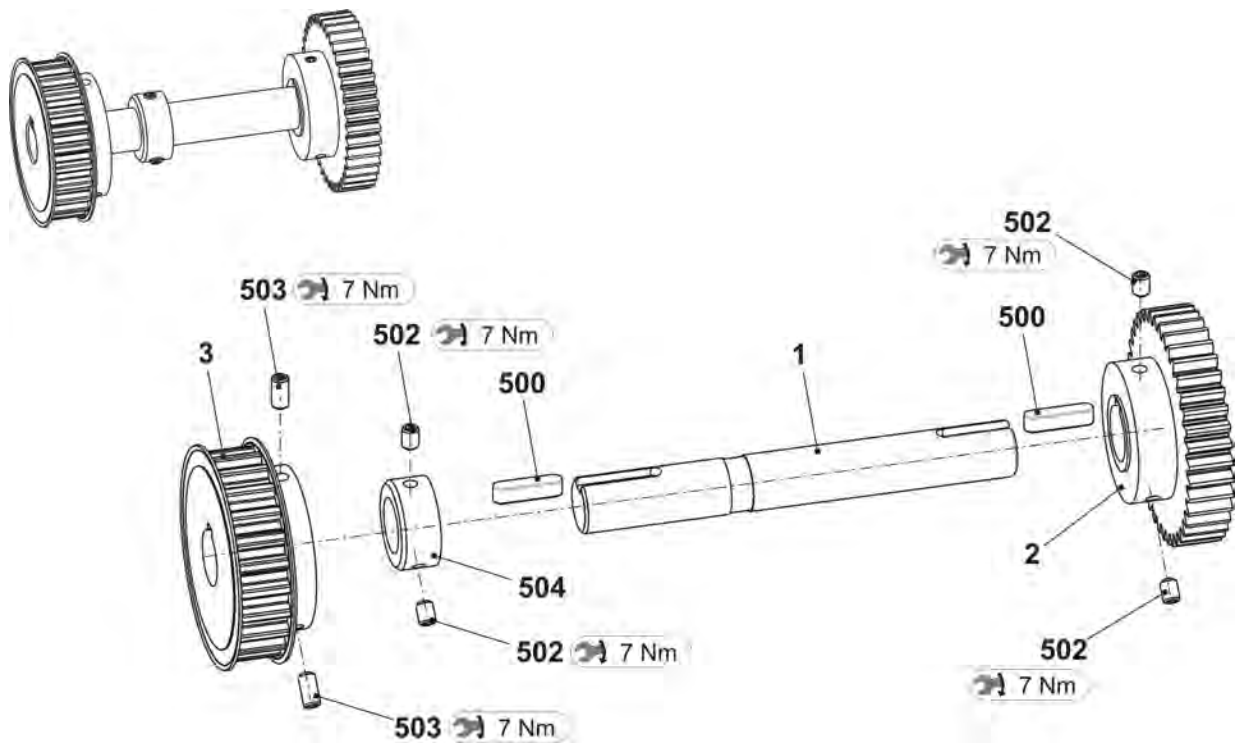
8.1.2 Comb take-down on the right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Comb take-down on the right	256 839			
1	Clamping piece	209 379		529 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	33	Swivel lever on the right	252 858
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
12	Drive shaft comb complete	214 583	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
17	Stay bolt	222 315	512	Hexagon nut M5-6	020 835
18	Stay bolt	240 056	513	Hexagon nut M6-6	020 836
19	Threaded rod M5	240 057	514	Hexagon nut M8-6	020 838
22	Proximity switch inductive at the top	231 516	515	Hexagon nut M16-6	020 845
23	Proximity switch inductive at the bottom	231 520	517	Washer 16	020 876
24	Holding angle light barrier	257 409	530	Tension spring 15x1,50x70,94	251 614
26	Guide bar C35	206 560	531	Cap screw M6x12	020 134
27	Rubber buffer	206 561	532	Washer 6	020 872
29	Comb guide on the right	255 424	533*	Shim 0,2x12x27	023 735
29a	Driving bolt	255 427	534*	Shim 0,5x12x27	023 736
29b	Angle	240 112	540*	Pan-head screw M5x10	023 247



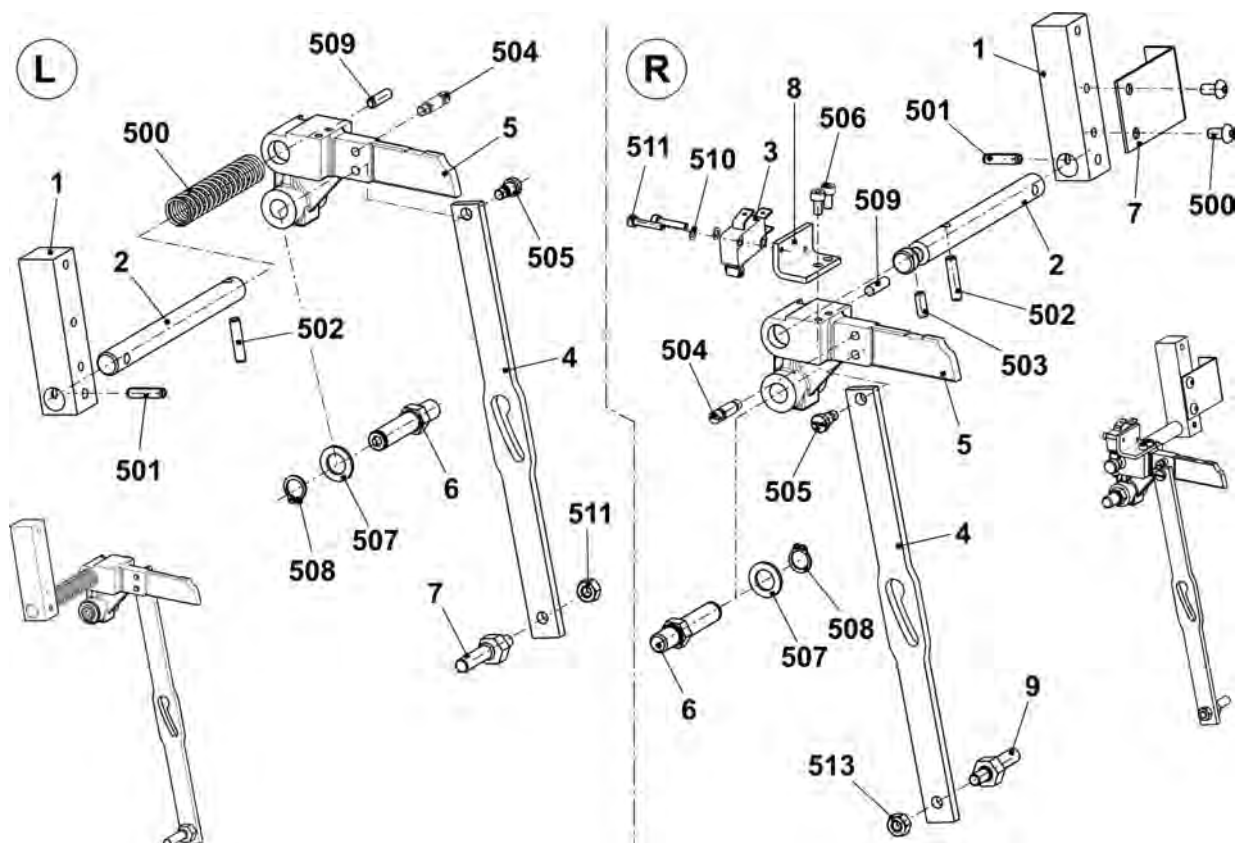
8.1.2.1 Drive shaft of comb

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive shaft comb complete	214 583			
1	Shaft	213 969	500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744	502	Setscrew M6x8	022 684
	Always order position 502 additionally		503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394	504	Set collar	020 938
	Always order position 503 additionally				



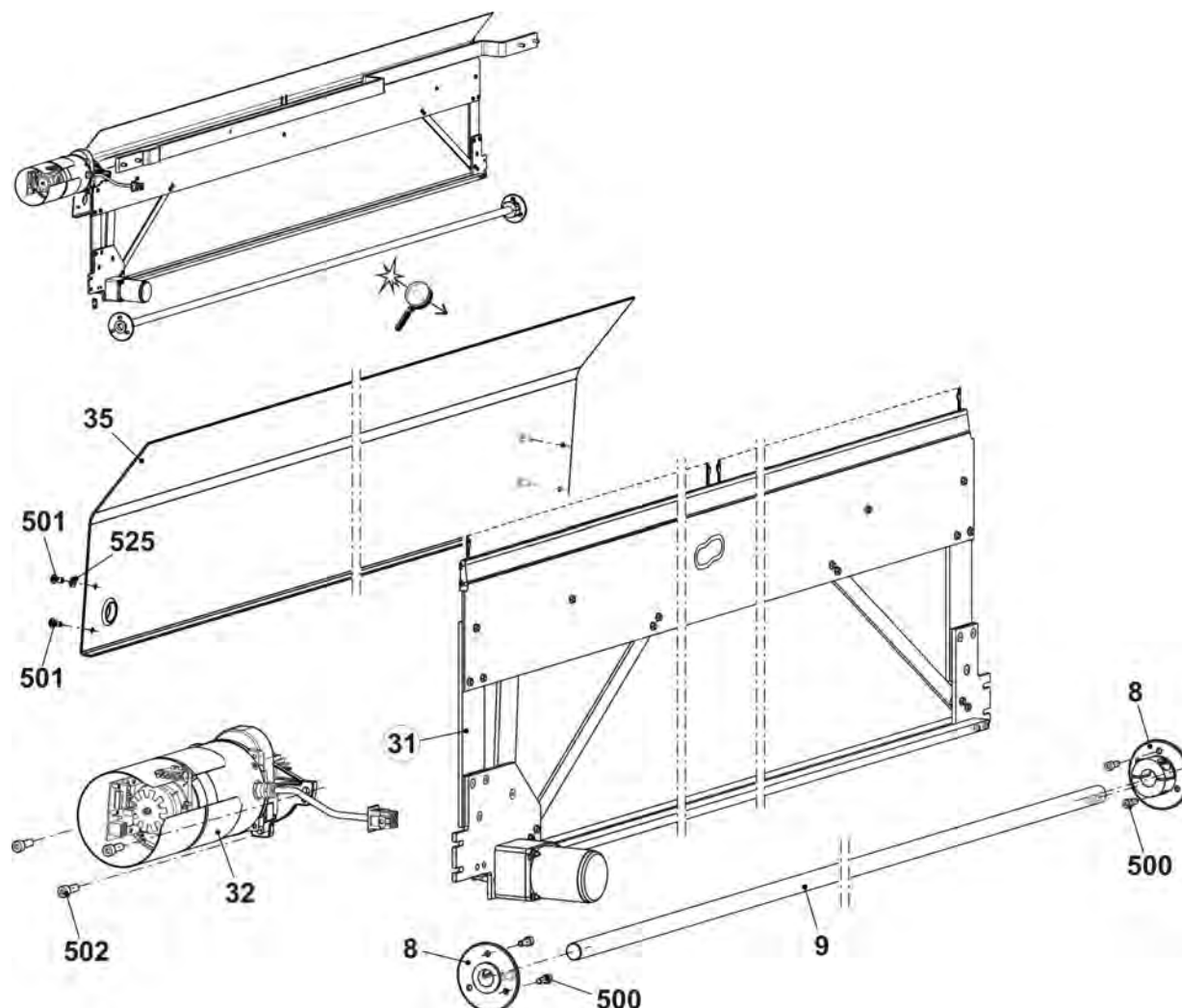
8.1.2.2 Swivel lever comb take-down

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ L	Swivel lever on the left	252 859	3	Microswitch	026 259
1	Support	252 780	4	Plunger	255 650
2	Shaft	223 994	5	Swivel lever	239 248
4	Plunger	255 650	6	Bolts	214 053
5	Swivel lever	239 248	7	Angle	224 009
6	Bolts	214 053	8	Angle	238 304
7	Eccentric bolt	255 651	9	Eccentric bolt	255 651
500	Compression spring 1,4x13,6x93	023 572	500	Pan-head screw M5x10	023 247
501	Spring dowel sleeve Iso8752-5x20	020 794	501	Spring dowel sleeve 5x20	020 794
502	Dowel pin5x22	023 716	502	Dowel pin5x22	023 716
504	Shoulder screwM5x29x35	251 618	503	Spring dowel sleeve 5x12	020 793
505	Shoulder screw M5x5,8x6,2	023 365	504	Shoulder screwM5x29x35	251 618
507	Washer 10	020 884	505	Shoulder screw M5X5,8X6,2	023 365
508	Retaining ring	020 950	506	Cap screw M4x8	022 501
509	Shoulder screw M5x12x18	020 539	507	Washer 10	020 884
511	Hexagon nut M8-6	020 838	508	Retaining ring10x1	020 950
Σ R	Swivel lever on the right	252 858	509	Shoulder screwM5X12X18	020 539
1	Support	252 780	510	Cap screw M3x16	022 583
2	Shaft	238 339	511	Washer 3	020 877
			513	Hexagon nut M8-6	020 838



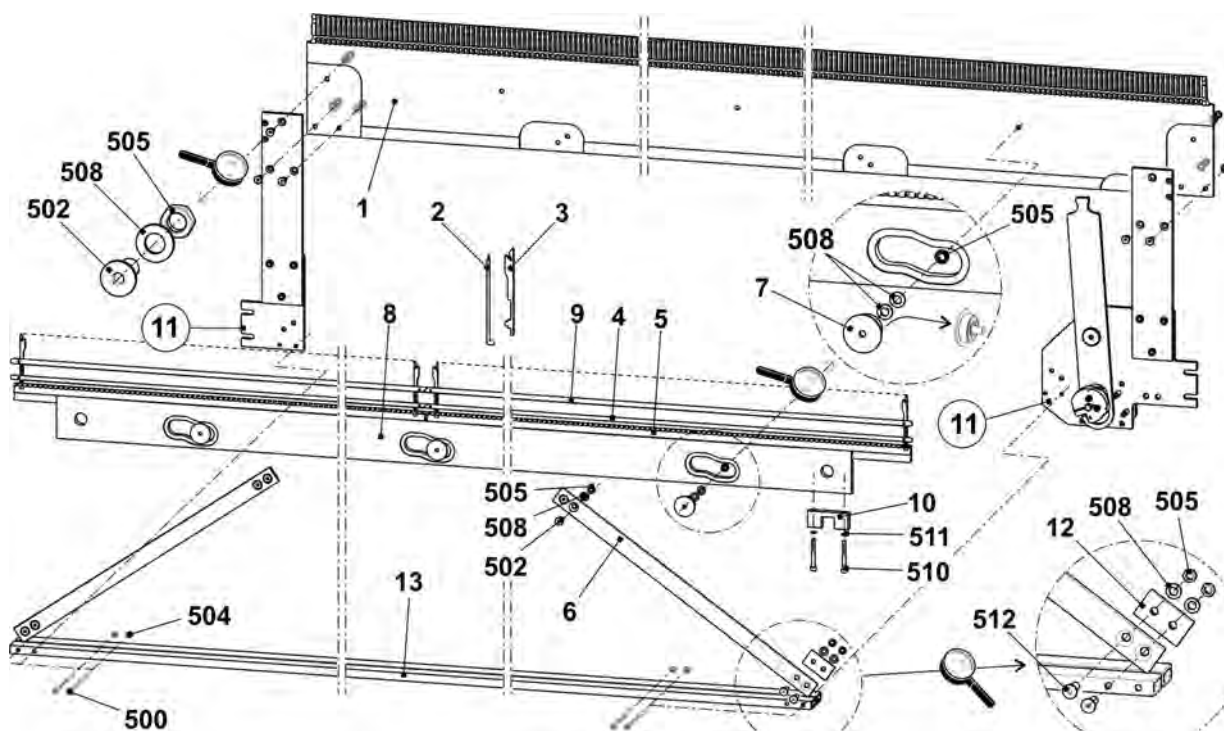
8.1.3 Comb take-down in the middle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Comb take-down in the middle		31	Comb unit	
	E5 E5m.4 E2,5.2	255 268		E5 E5m.4 E2,5.2	242 256
	E7 E7m.5 E7m.8 E3,5.2	255 269		E7 E7m.5 E7m.8 E3,5.2	242 257
	E8 E8m.7	255 270		E8 E8m.7	242 258
	E5.2	255 271		E5.2	242 259
8	Flange	207 695	32	Motor take-down unit complete	253 803
9	Shaft long	236 875	35	Marking plate	252 830
500	Cap screw M6x16	020 135	502	Cap screw M8x25	020 142
501	Pan-head screw M5x10	023 247	525	Serrated lock washer J5,3	022 489



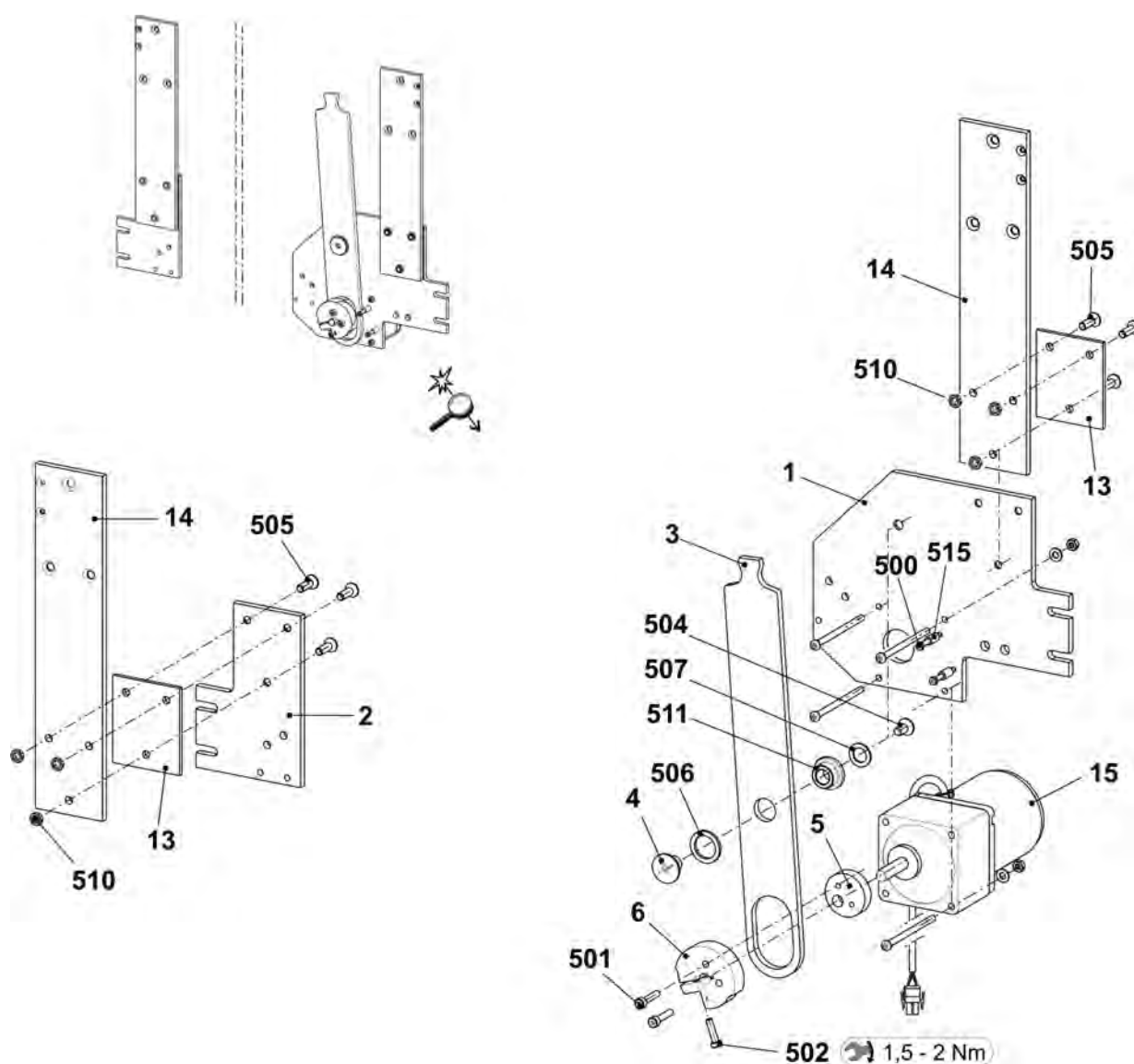
8.1.3.1 Comb unit

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Comb unit		5	Hook slider	
	E5 E5m.4 E2,5.2	242 256		E5 E5m.4 E2,5.2	237 463
	E7 E7m.5 E7m.8 E3,5.2	242 257		E7 E7m.5 E7m.8 E3,5.2	237 464
	E8 E8m.7	242 258		E8 E8m.7	237 466
	E5.2	242 259		E5.2	237 465
1	Hook bed		6	Strut	218 740
	E5 E5m.4 E2,5.2	237 468	7	Collar bolt complete	211 036
	E7 E7m.5 E7m.8 E3,5.2	237 469	8	Cross slider	237 069
	E8 E8m.7	237 694	9	Cover rail	237 074
	E5.2	237 470	10	Plunger	205 678
2	Closer		11	Switching lever complete	240 060
	E5 E5m.4 E2,5.2	230 105	12	Intermediate plate	218 742
	E7 E7m.5 E7m.8 E3,5.2	230 105	13	Stabilizer	237 056
	E8 E8m.7	230 105	500	Cap screw M4x50	023 102
	E5.2	230 106	502	Countersunk head screw M5x12	023 340
3	Body		504	Hexagon nut M4-8	023 046
	E5 E5m.4 E2,5.2	230 093	505	Hexagon nut M5-04	020 854
	E7 E7m.5 E7m.8 E3,5.2	230 093	508	Washer 5-200	020 871
	E8 E8m.7	230 093	510	Cap screw M4x30	023 290
	E5.2	230 094	511	Circlip	022 774
4	Cover rail	237 065	512	Countersunk screw M5x16	023 417

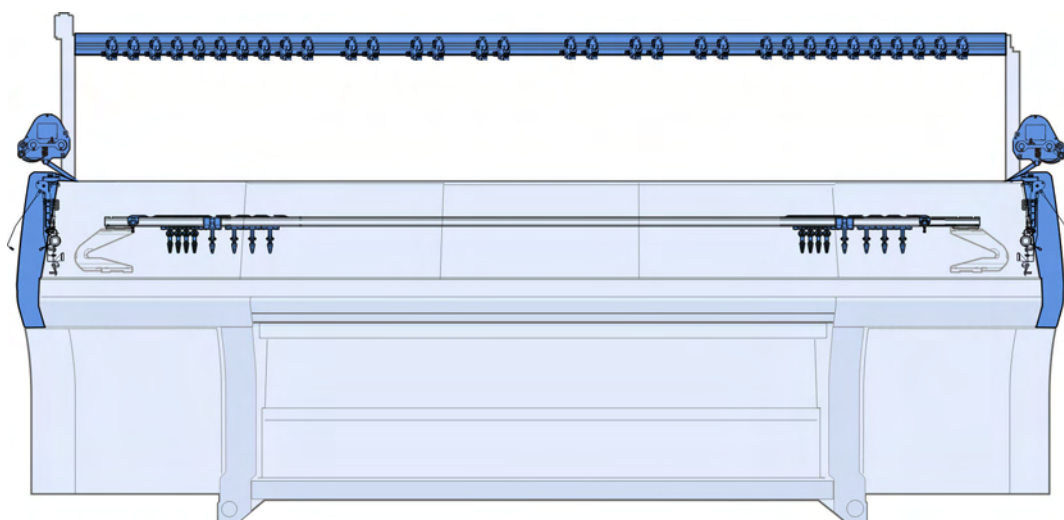


8.1.3.1.1 Switching lever comb take-down

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

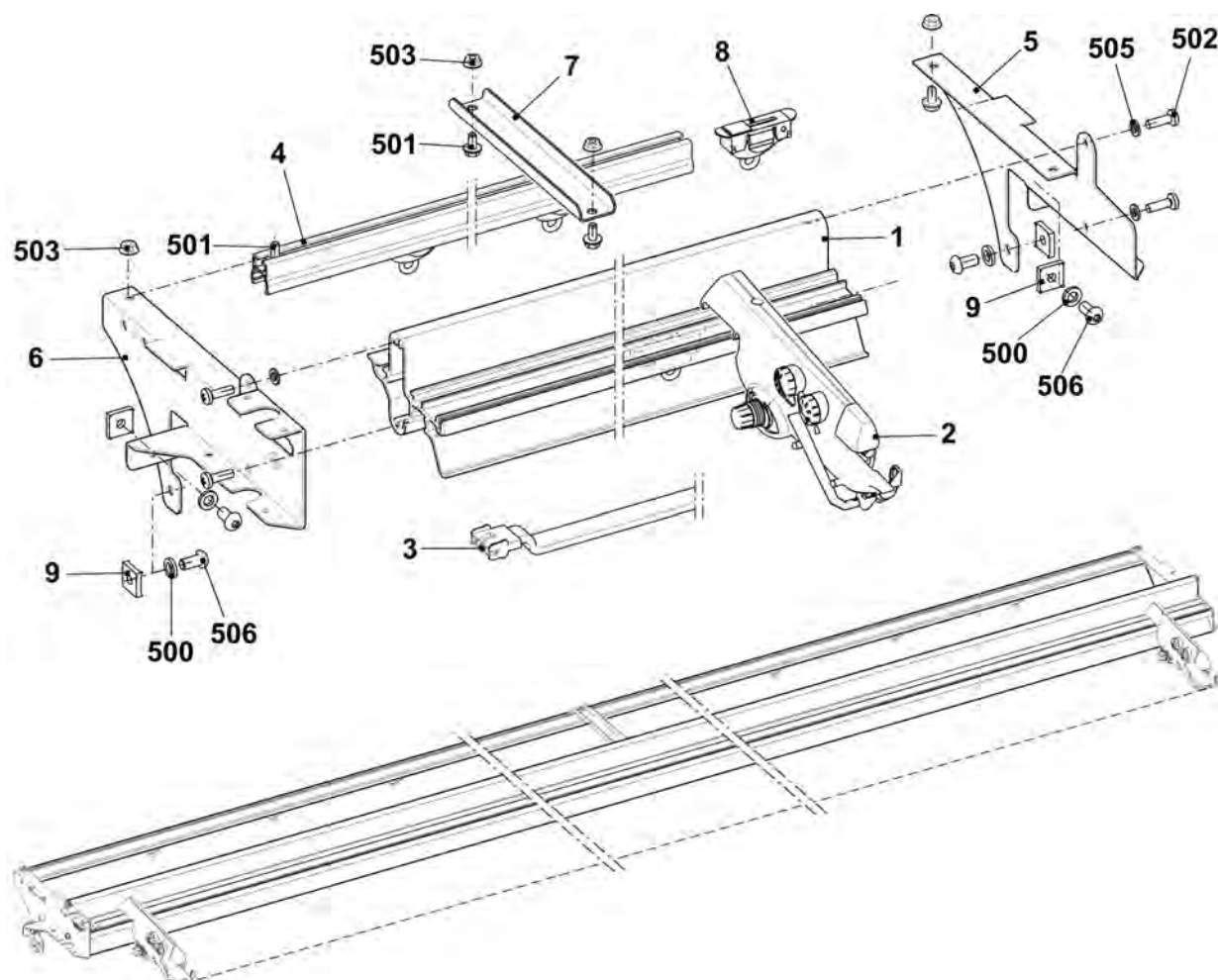


9 Yarn delivery device



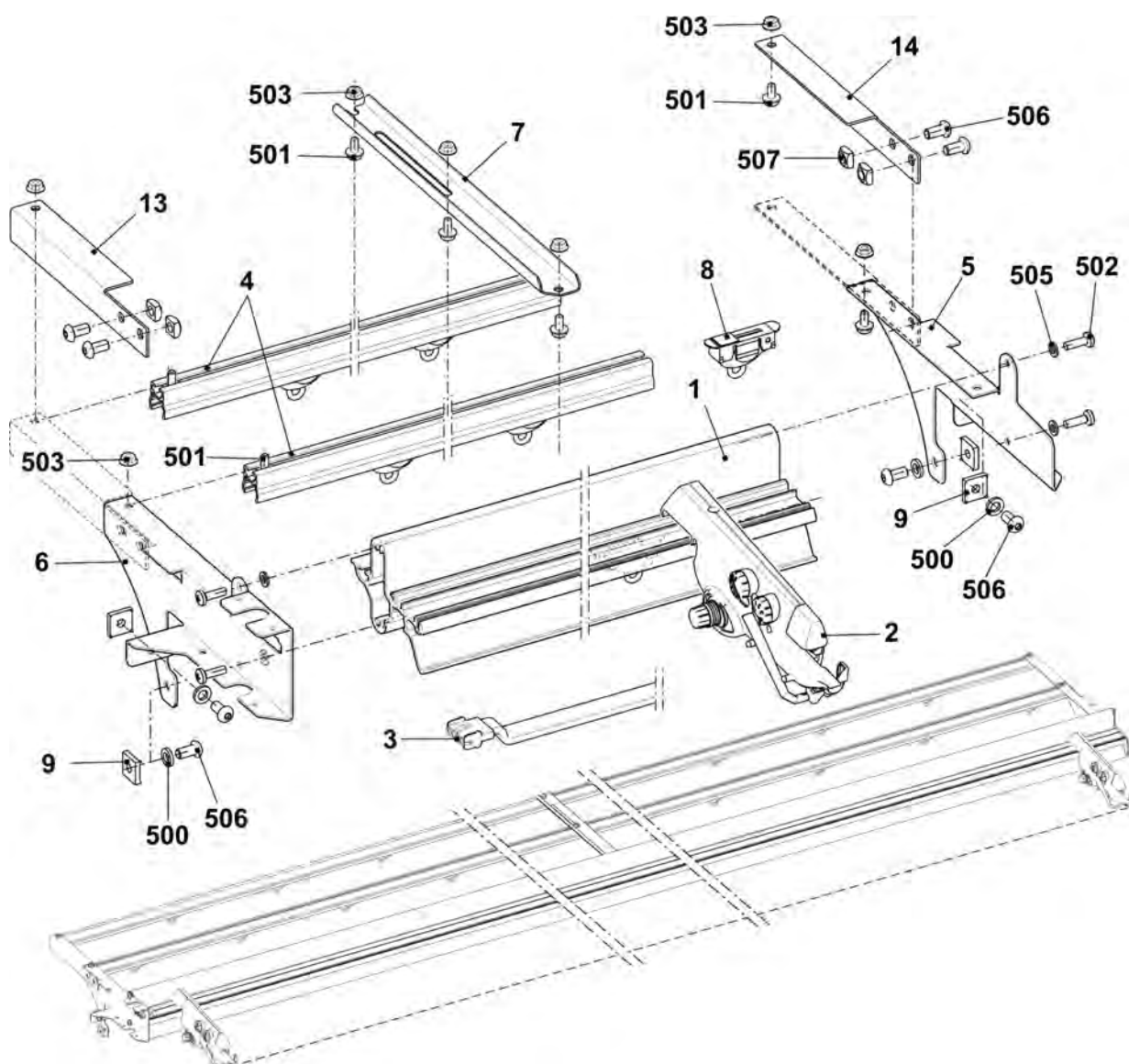
9.1 Yarn guide system with 26 FKE

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide device 26 FKE 84"	242 269	8	Yarn guide bracket complete	241 581
1	Support 84"	243 112	9	Slot nut	228 851
2	Yarn control device(FKE)	237 124	500	Serrated lock washer	023 388
3	Connection cable FKE-3 84"	240 349	501	Self-locking screw M6x12	023 415
4	Yarn guide bar	236 932	502	Screw M6x20	023 721
5	Support on the right	243 601	503	Serrated nut M6-10	023 414
6	Support on the left	243 600	505	Washer 6-200	022 431
7	Straps	243 792	506	Pan-head screw M8x16	023 113



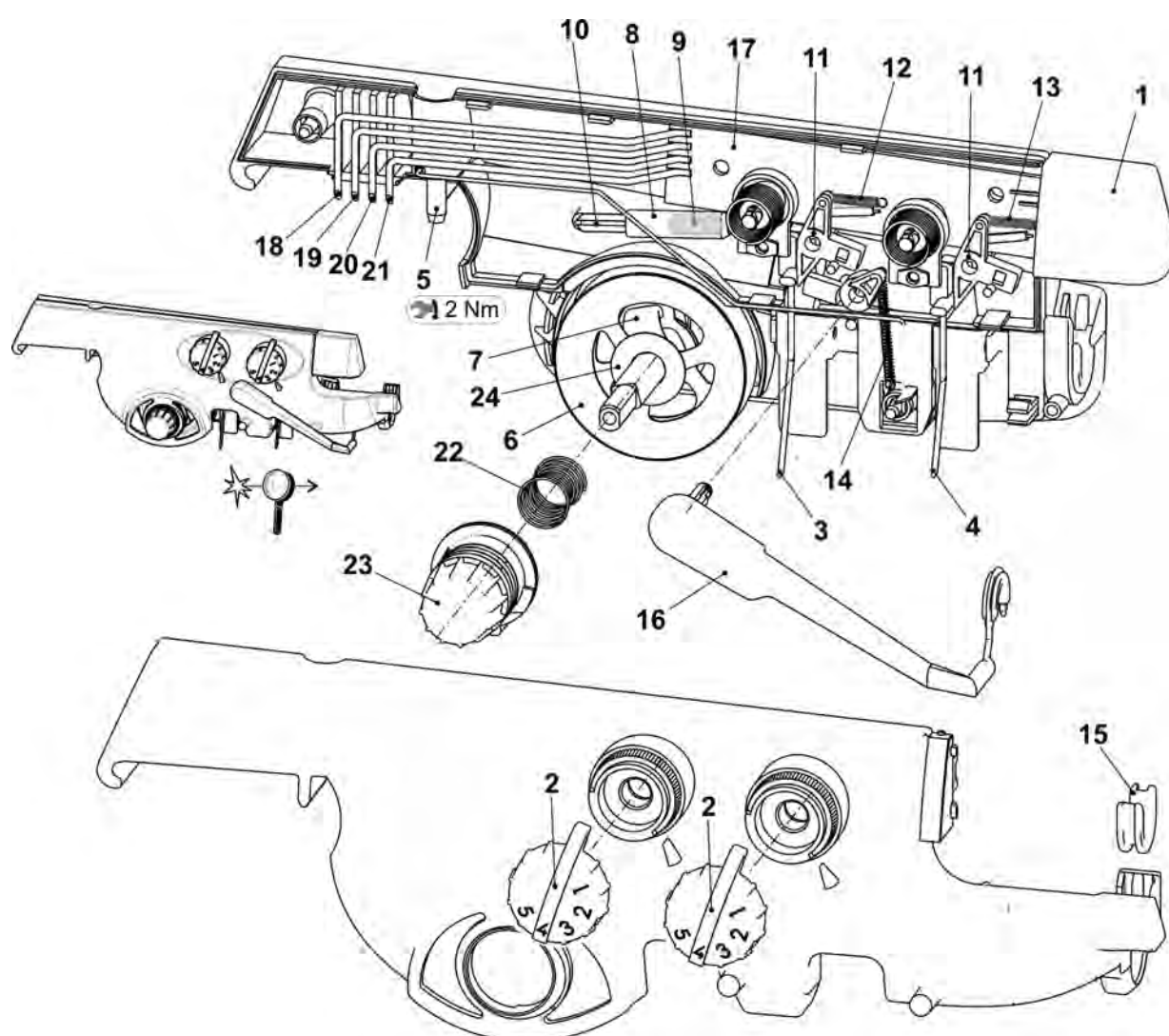
9.2 Yarn guide system with 32 FKE

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide device 32 FKE 84"	242 991			
1	Straps	243 112	13	Support on the left	243 602
2	Yarn control device(FKE)	237 124	14	Support on the right	243 603
3	Connection cable FKE-3 84"	240 349	500	Serrated lock washer	023 388
4	Yarn guide bar	236 932	501	Self-locking screw M6x12	023 415
5	Support on the right	243 601	502	Screw M6x20	023 721
6	Support on the left	243 600	503	Serrated nut M6-10	023 414
7	Straps	239 295	505	Washer 6	022 431
8	Yarn guide bracket complete	241 581	506	Pan-head screw M8x16	023 113
9	Slot nut	228 851	507	Square nut M8	023 269



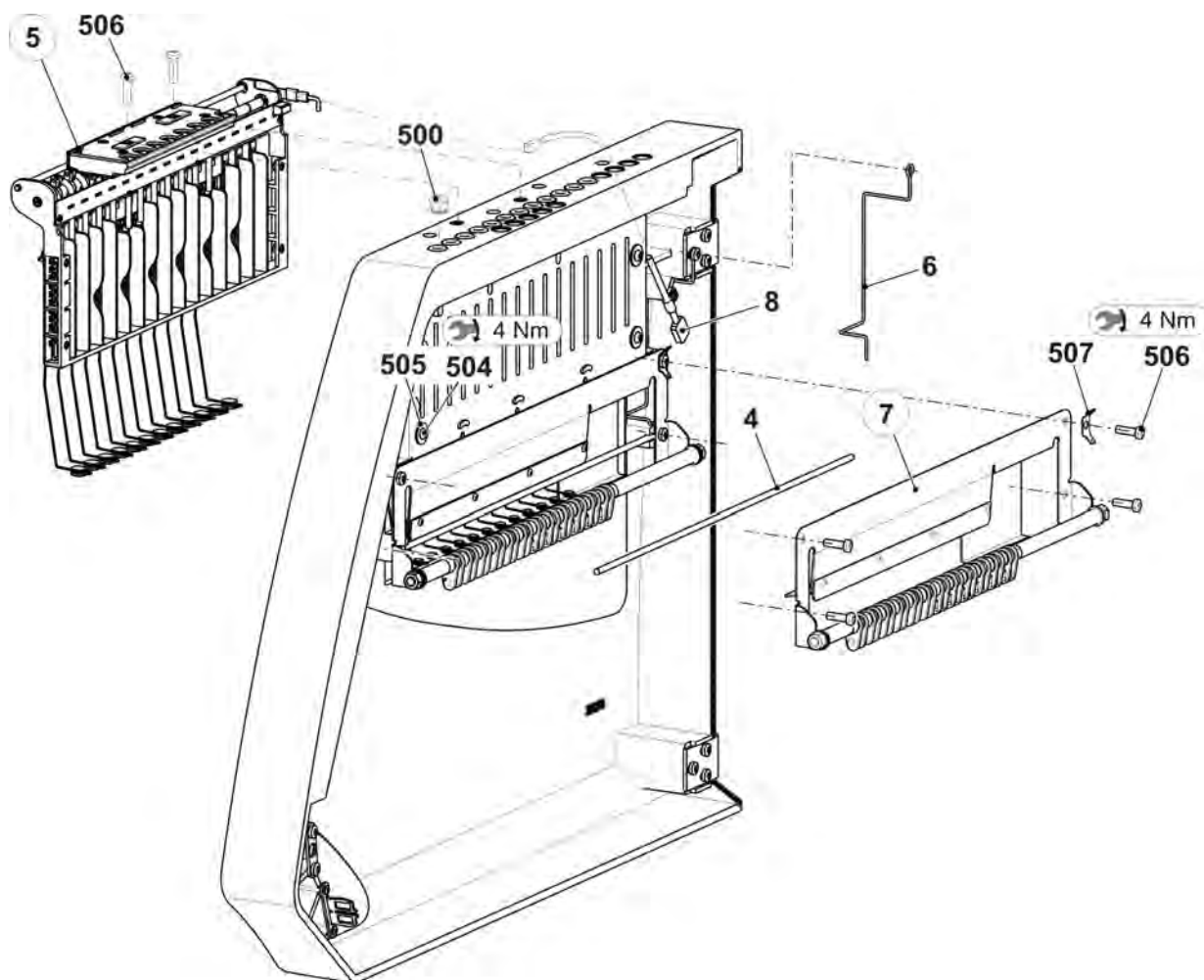
9.3 Yarn control device

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



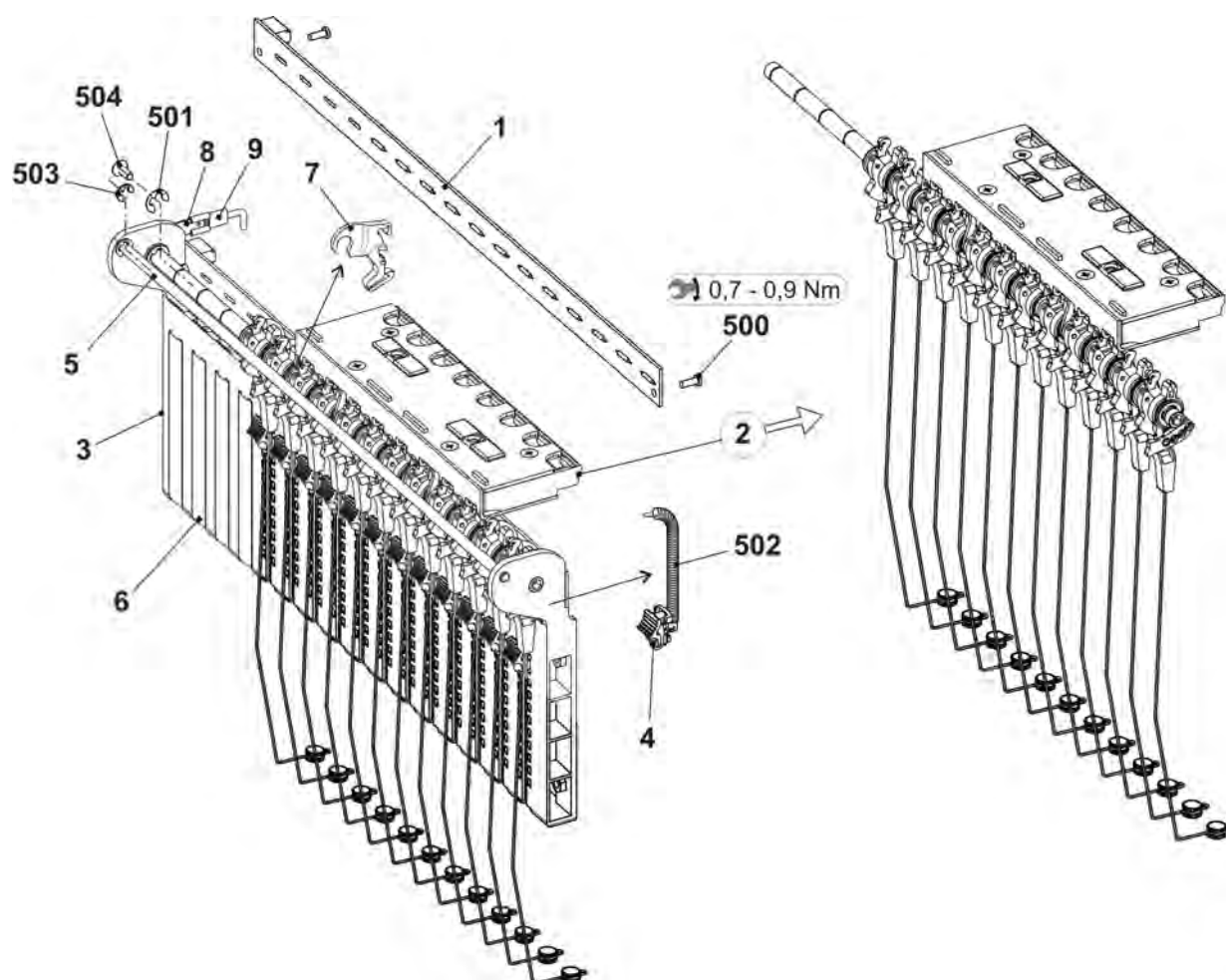
9.4 Left yarn guide

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



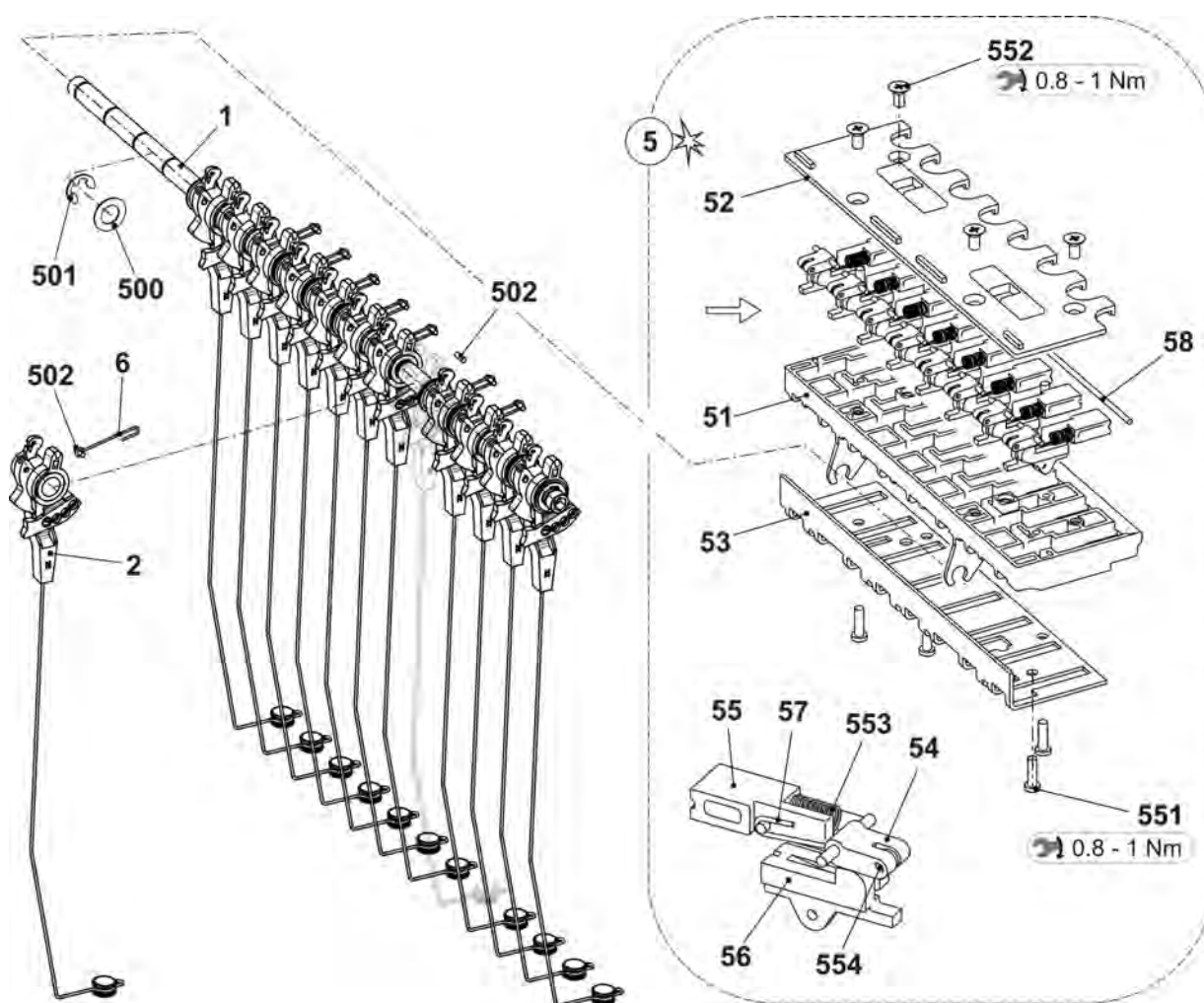
9.4.1 Left yarn tensioner

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn tensioner on the left complete		7	Spacer	242 048
	E5 E2,5.2 E3,5.2 E5.2 E5m.4 E7m.5	241 363	8	Grounding plate of tension axle	243 121
	E7 E8 E7m.8 E8m.7	241 364	9	Ground cable yarn tensioner okc	243 105
1	Card yarn tensioner 16-fold on the left	241 345	500	Screw KB 30x8	236 228
2	Tension axle on the left complete E3-8	241 366	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 E3-5 (E2,5.2 E3,5.2 E5.2 E5m.4 E7m.5 Tension spring 4,9x0,5x53 E7 E8 E7m. 8 E 8m.7	023 502 023 503
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914
6	Border	242 268			



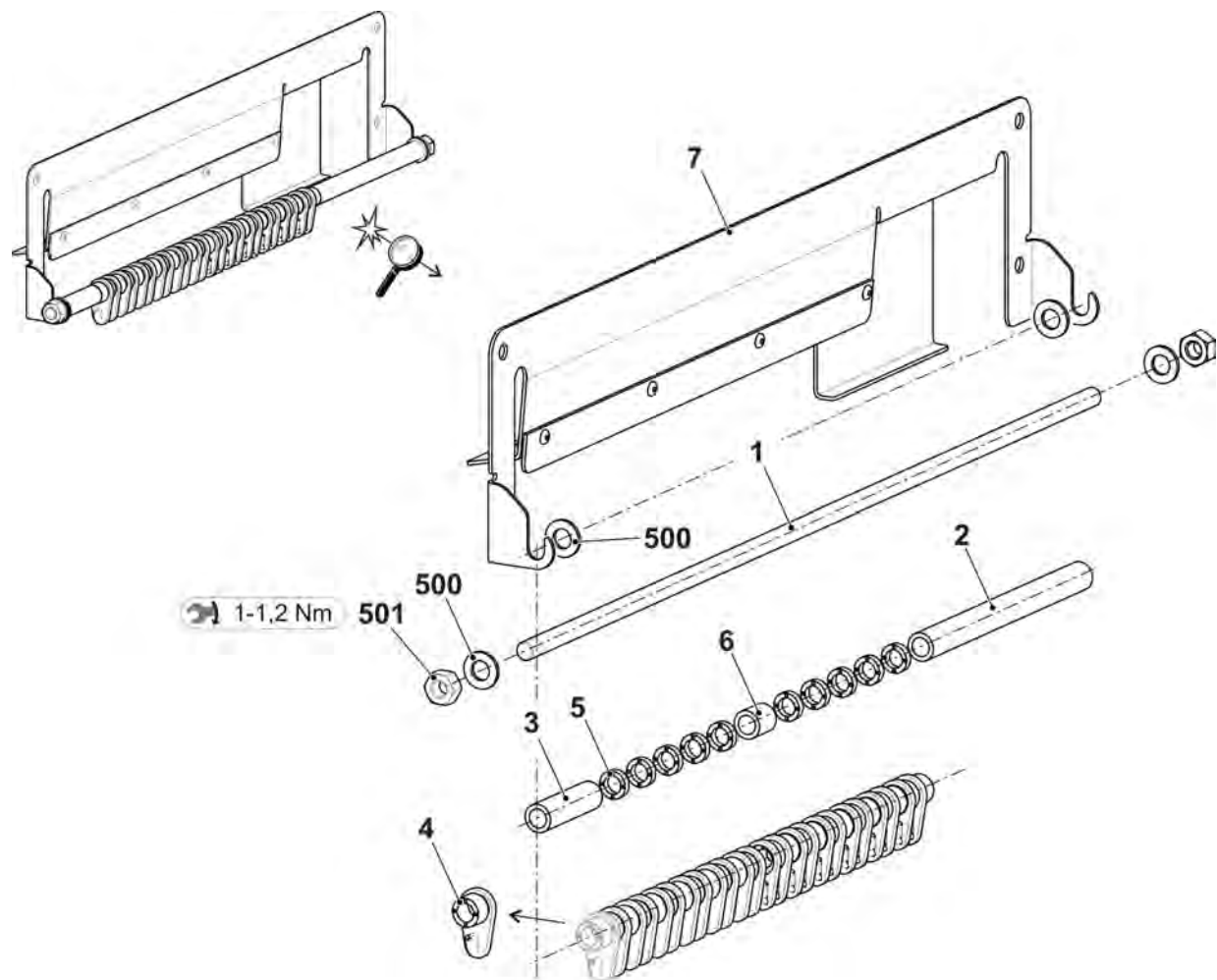
9.4.1.1 Left tension axle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle on the left complete E3-8	241 366	53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	54	Lever AKF	238 692
2	Tension arm pre-assembled E3-8	259 448	55	Pressure piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0,5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
502	Grooved pin 2x6	243 172	551	Screw KB 35x12	237 681
5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	Housing AKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172



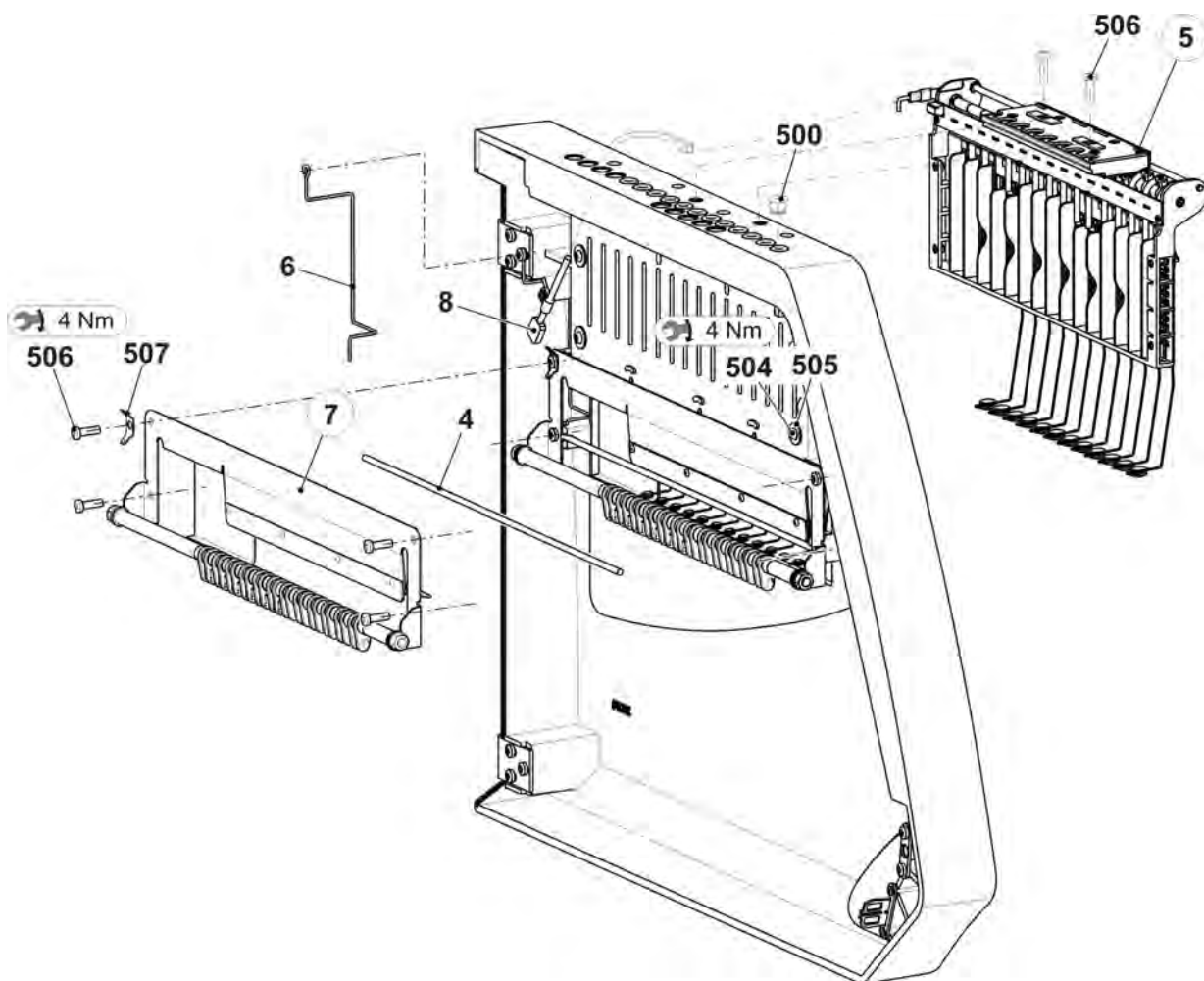
9.4.2 Yarn deflector on the left

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



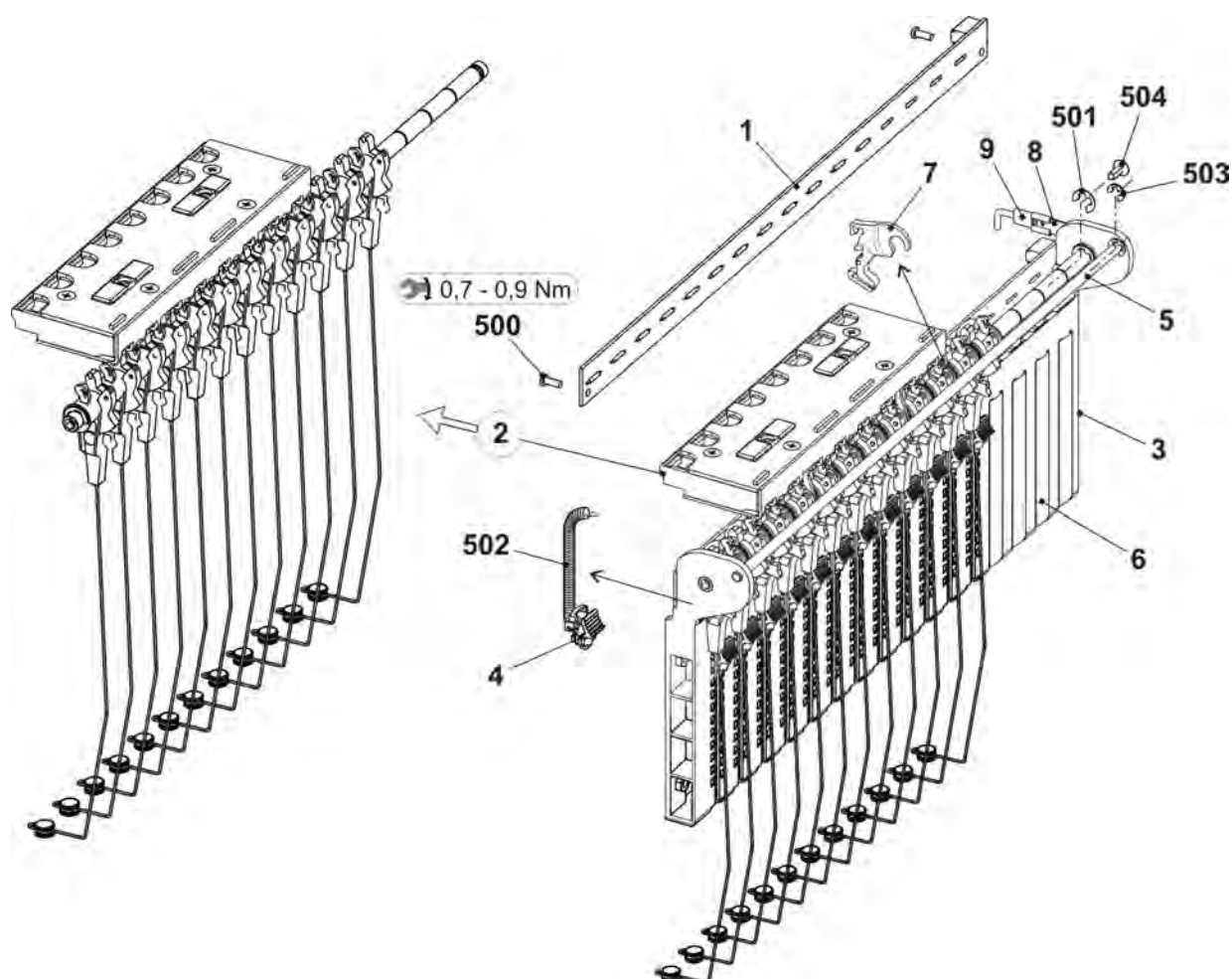
9.5 Right yarn guide

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



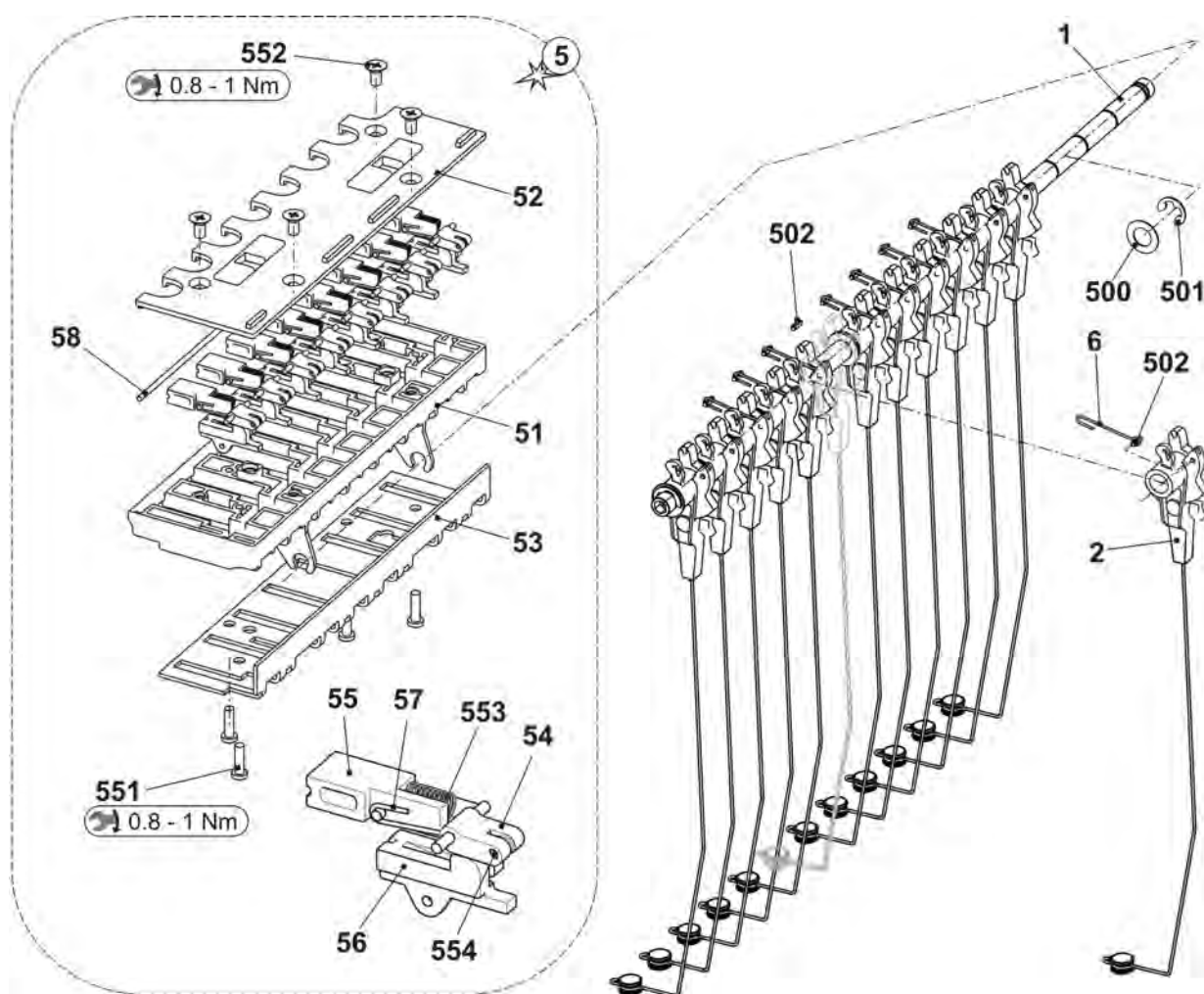
9.5.1 Right yarn tensioner

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn tensioner on the right complete		7	Spacer	242 048
	E5 E2,5.2 E3,5.2 E5.2 E5m.4 E7m.5	241 382	8	Grounding plate of tension axle	243 121
	E7 E8 E7m.8 E8m.7	241 383	9	Ground cable yarn tensioner okc	243 105
1	Card yarn tensioner 16-fold on the right	241 346	500	Screw KB 30x8	236 228
2	Tension axle on the right completeE3-8	241 379	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 E3-5 (E2,5.2 E3,5.2 E5.2 E5m.4 E7m.5	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 E7 E8 E7m.8 E 8m.7	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Border	242 268	504	Countersunk screw M4x10	241 914



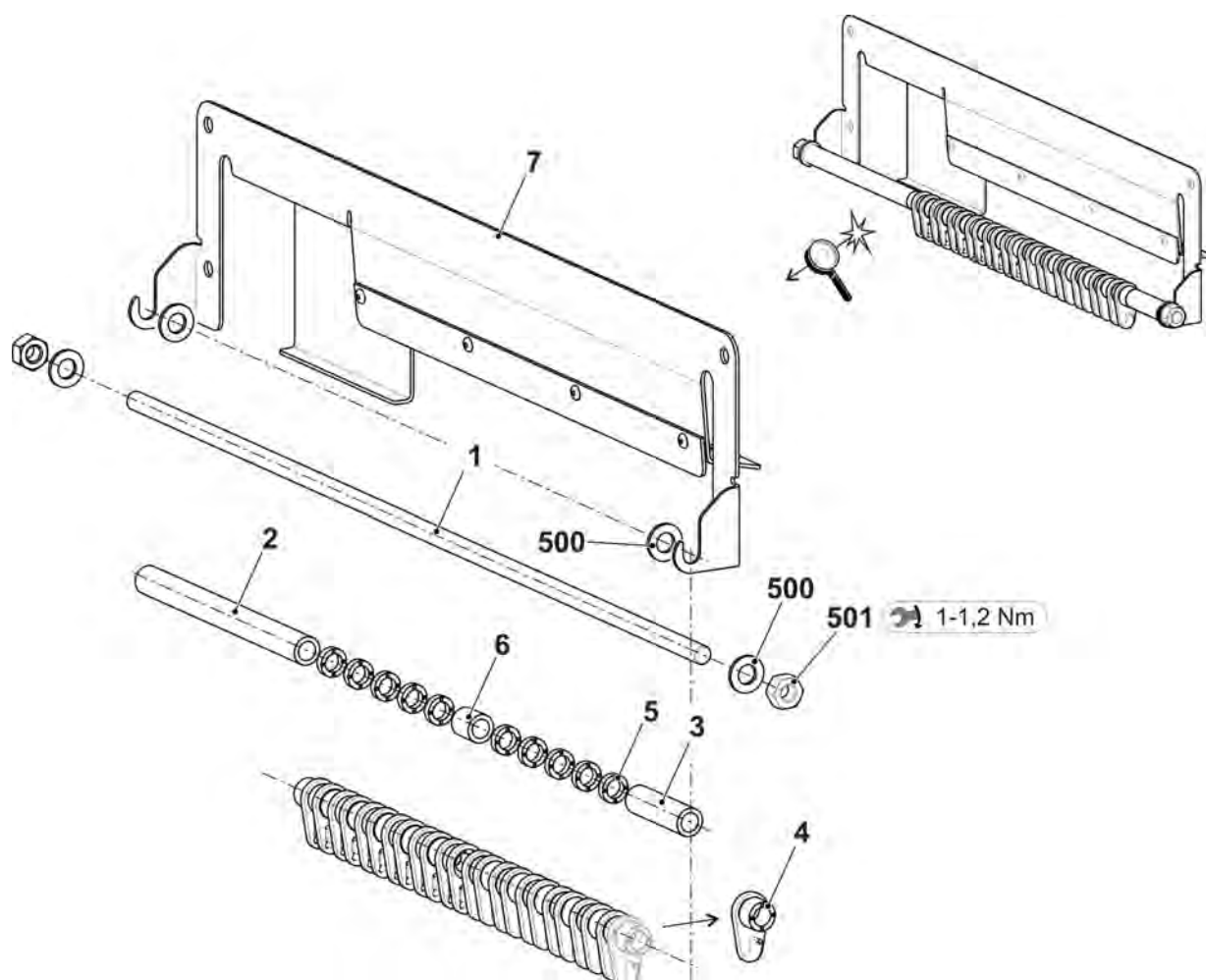
9.5.1.1 Right tension axle

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle on the right complete	E3-8 241 379	53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	54	Lever AKF	238 692
2	Tension arm pre-assembled	E3-8 259 448	55	Pressure piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0,5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
502	Grooved pin 2x6	243 172	551	Screw KB 35x12	237 681
5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	Housing AKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172



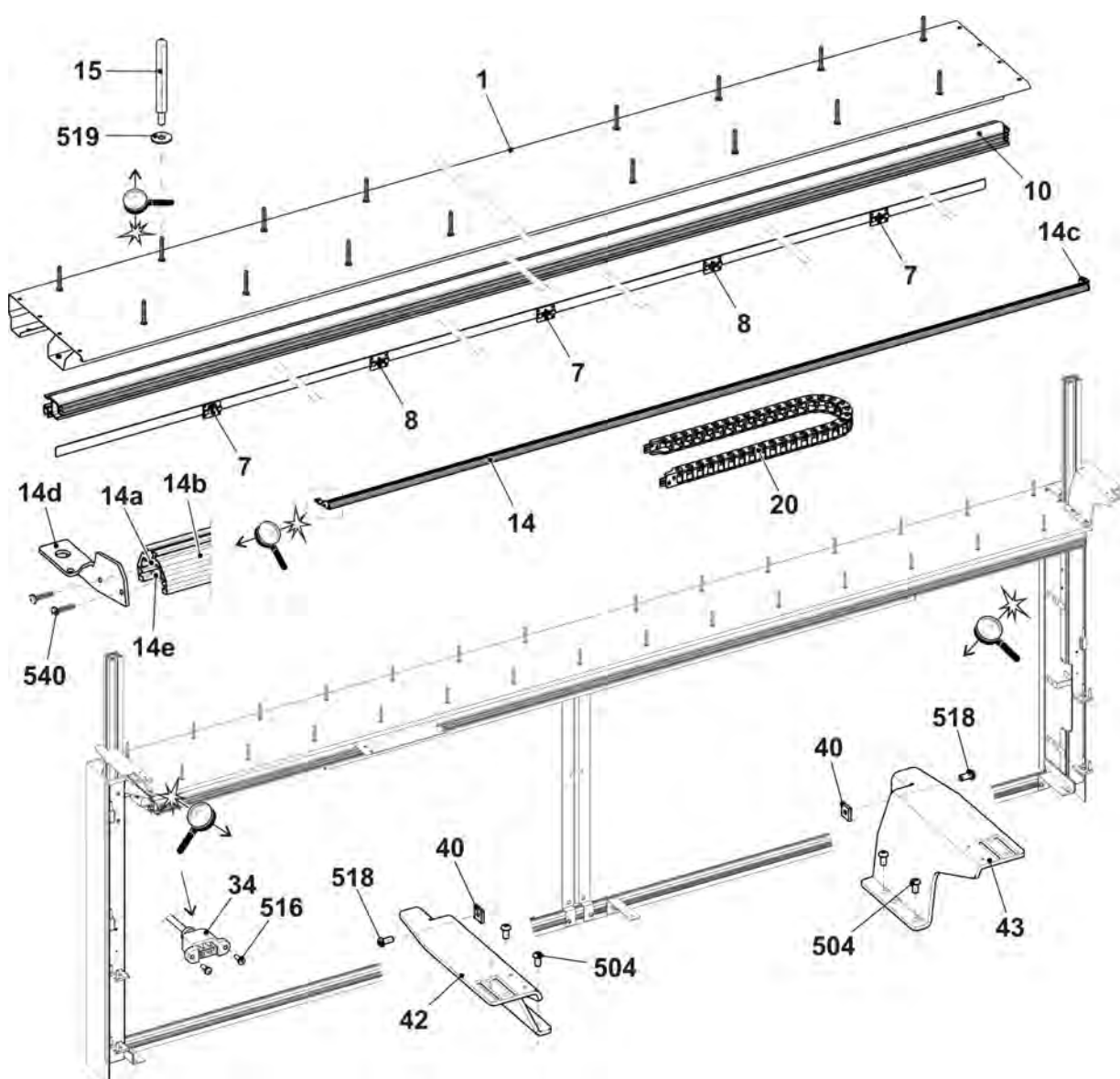
9.5.2 Yarn deflector on the right complete

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



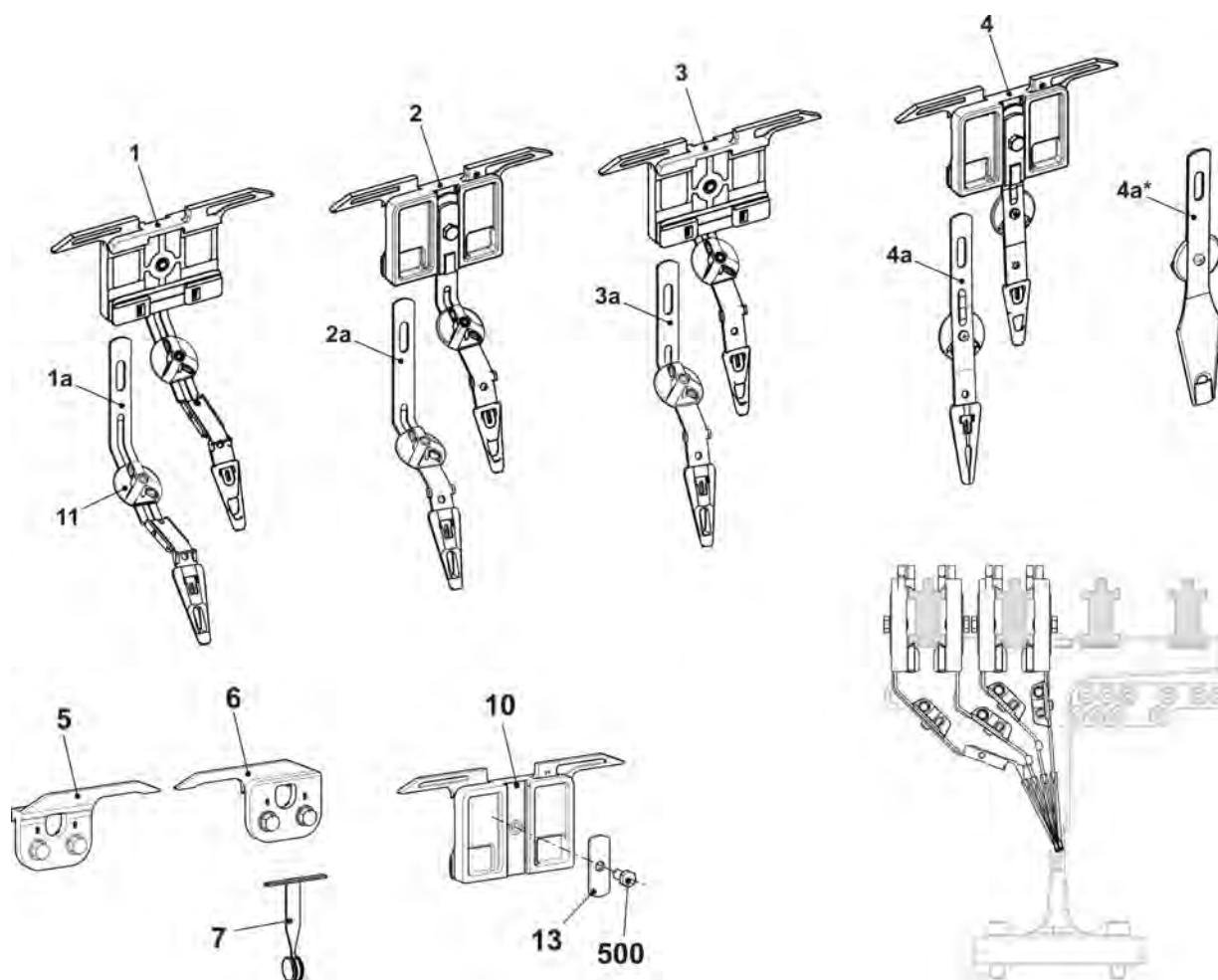
9.6 Bobbin board

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Table complete 84"	240 681			
1	Table	251 246	540	Sheet metal screw ST2,2x9,5-F	263 824
4	Support element	228 594	15	Positioning pin	204 819
7	Magnet switch safety door	219 983	20	Energy chain display 38 links	253 888
8	Magnet switch safety door	220 159	37	Cable USB extension 84 okc	243 070
10	Guide rail at the top complete	264 894	40	Slot nut	228 851
14	Lamp LED complete	264 767	42	Support of left feed wheel	264 453
14a	Card LED-module	263 642	43	Support of right feed wheel	264 454
14b	Support profile of lamp	263 677	504	Pan-head screw M8x16	023 113
14c	Support right	264 766	516	Pan-head screw M3x8	023 251
14d	Support on the left	264 768	518	Pan-head screw M8x18	251 331
14e	Cover	263 647	519	Washer	020 901



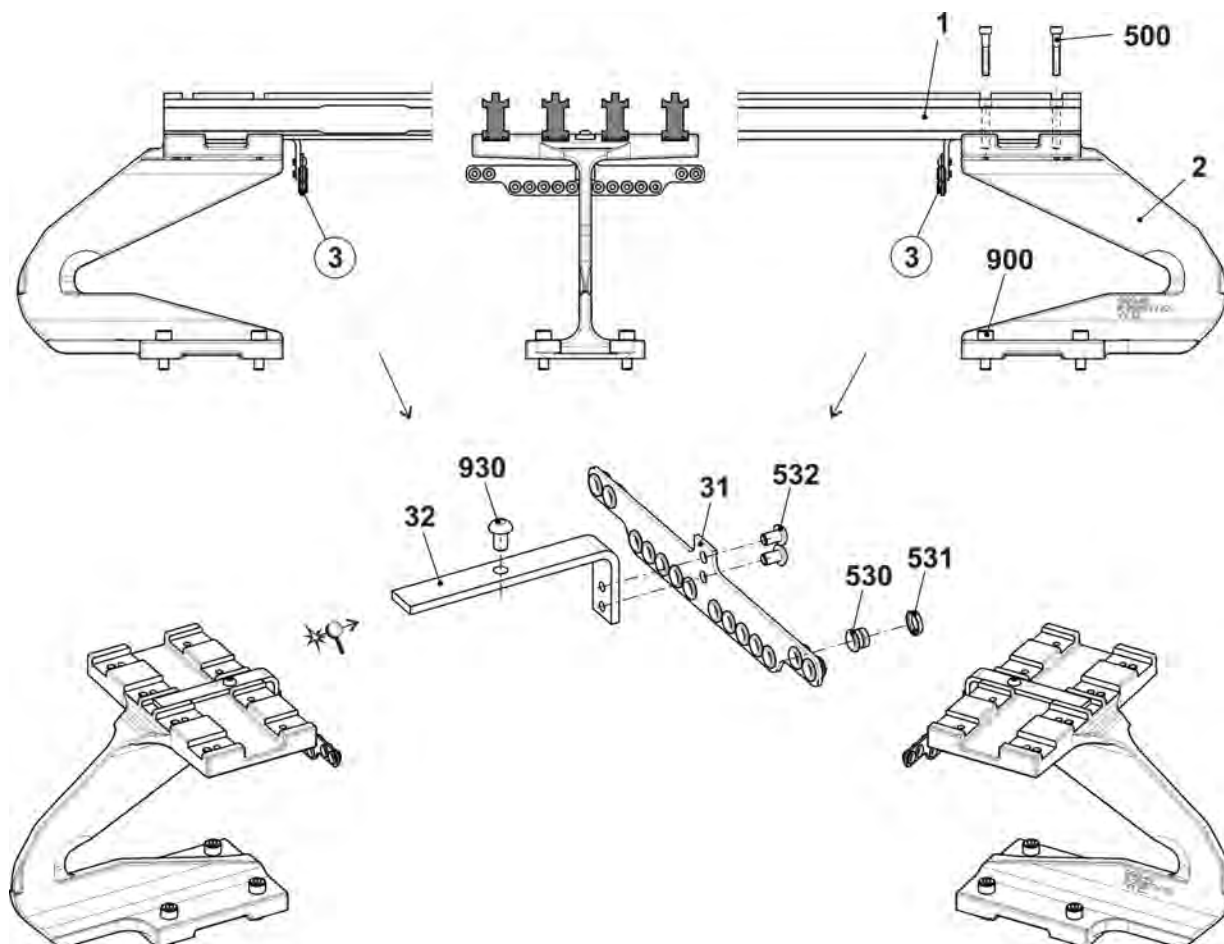
9.7 Yarn guide complete

Pos	Designation	Track	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide complete					
	E5 E5m.4 E7m.		244 003			
	5 E2,5.2 E3,5.2 E5.2 E2,5.2m.					
	4L E3,5.2m.4L					
	E7 E8 E7m.8 E8m.7		244 004			
	E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2 E2,5.2m.				E5 E5m.4 E7m.5 E2,5.2 E3,5.2 E5.2 E2,5.2m.	
	4L E3,5.2m.4L				4L E3,5.2m.4L	
1	FF carriage complete E5	1+8	243 935	1a	FF bow 1+8 complete E5	212 990
2	FF carriage complete E5	2+7	243 934	2a	FF bow 2+7 complete E5	212 992
3	FF carriage complete E5	3+6	243 933	3a	FF bow 3+6 complete E5	212 991
4	FF carriage complete E5	4+5	243 932	4a	FF bow 4+5 complete E5	212 993
	E7 E8 E7m.8 E8m.7				E7 E8 E7m.8 E8m.7	
1	FF carriage complete E7-8	1+8	243 939	1a	FF bow 1+8 complete E7-8	212 892
2	FF carriage complete E7-8	2+7	243 938	2a	FF bow 2+7 complete E7-8	212 914
3	FF carriage complete E7-8	3+6	243 937	3a	FF bow 3+6 complete E7-8	212 925
4	FF carriage complete E7-8	4+5	243 936	4a	FF bow 4+5 complete E7-8	212 910
5	Limiter on the left complete		244 099	11	Yarn guide star complete	209 257
6	Limiter on the right complete		244 098	13	Shim	213 035
7	Slider with eyelet		230 709	500	Hexagon screw M5x10	020 351
10	FF carriage complete		243 062	4a*	FF bow 4+5 complete E3-4 (E2,5.2m. 4L)	261 137



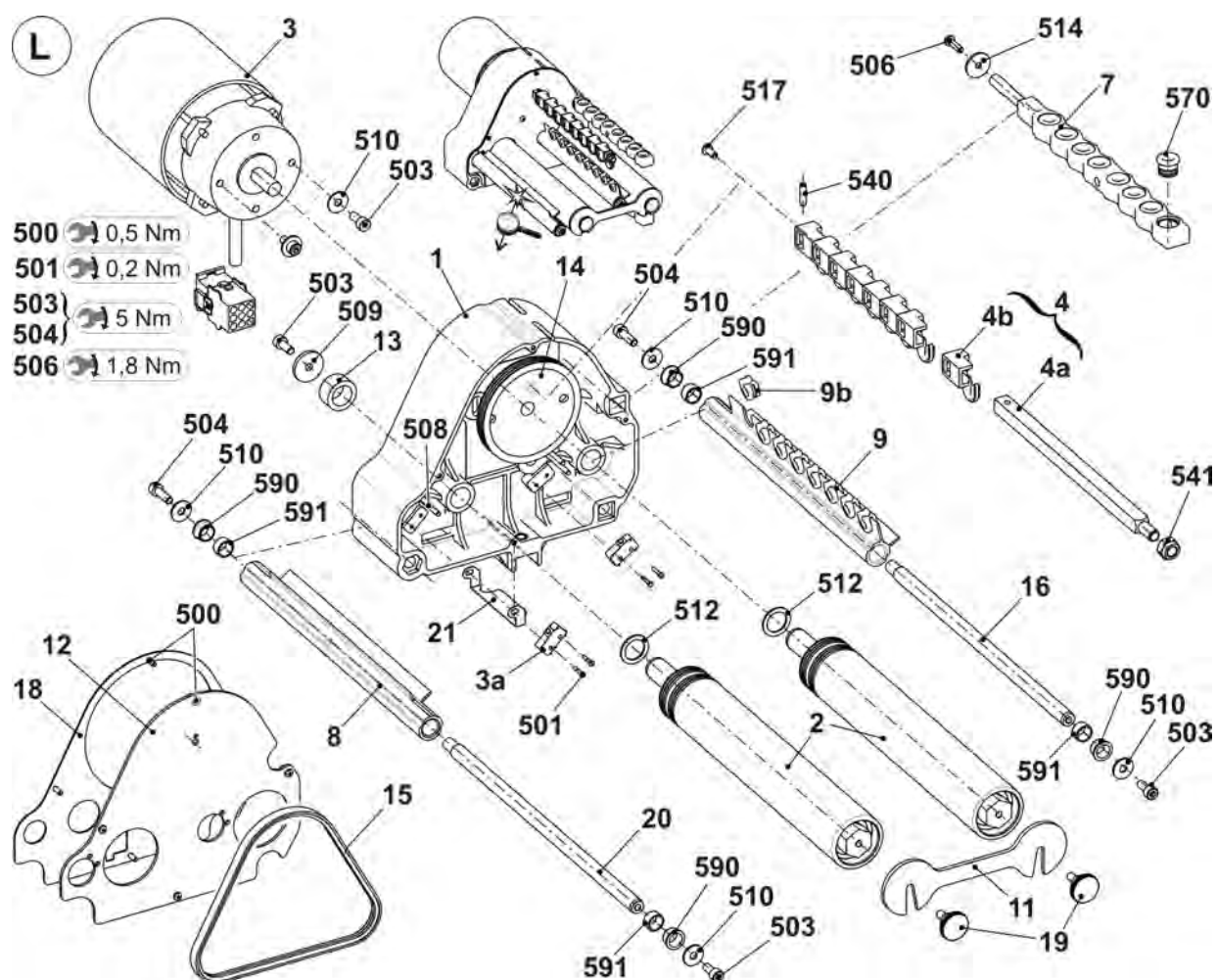
9.8 Bar unit

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Bar unit	244 103			
1	Yarn carrier rail	255 467	530	Eyelet 4,2	021 502
2	FF support	253 674	531	Clamping ring	259 606
3	Yarn guide bracket complete	265 433	532	Pan-head screw M5x8	239 408
	31 Eyelet holder complete	265 434	930	Pan-head screw M6x10	023 183
	32 Holding angle	259 574	500	Cap screw M6x35	020 139
			900	Cap screw M8x25	020 142



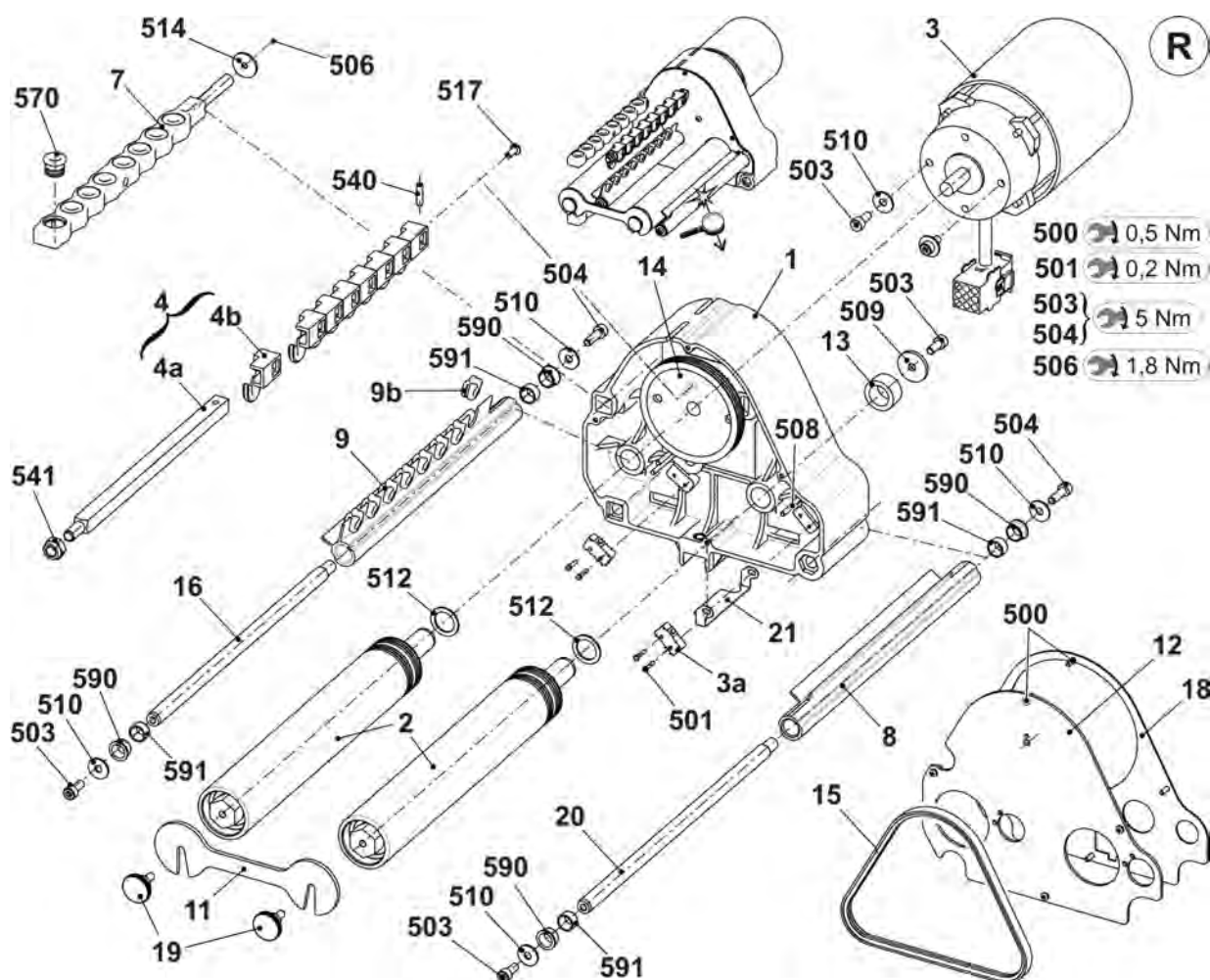
9.9 Left friction feed wheel

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel on the left	264 324	13	Bush	221 391
1	Housing	240 368	14	V-ribbed belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	18	Cover	230 758
4	Deflector complete 8-fold	250 089	19	Knurled screw	223 361
4a	Support rail	250 055	20	Rod	230 658
4b	Eyelet holder complete	250 077	21	Grounding plate	256 622
540	Spring dowel sleeve 4x16	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	265 445
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the left complete with eyelets	230 683	508	Dowel pin3M6x40	023 528
9b	Eyelet	230 662	509	Washer 5,3x22x2,5	023 219
590	Slide bearing	023 627	510	Washer 5	020 901
591	Guide piece	259 453	512	Shim ring 15x21x1	023 216
11	Bracket	221 316	514	Washer 4,3x18x1,5	020 908
12	Cover	251 098	517	Pan-head screw M4x8	023 579

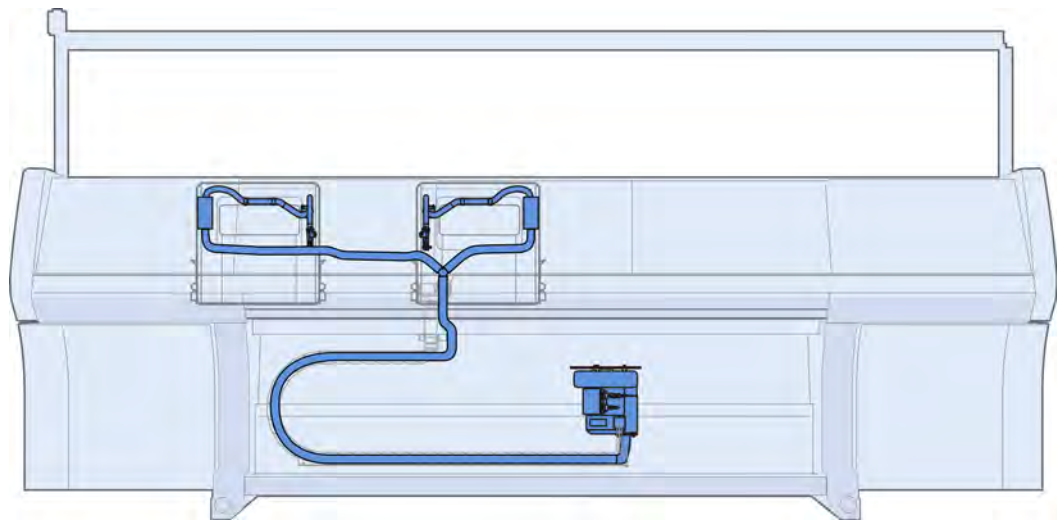


9.10 Right friction feed wheel

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel on the right	264 325	13	Bush	221 391
1	Housing	240 368	14	V-ribbed belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	18	Cover	230 758
4	Deflector complete 8-fold	250 089	19	Knurled screw	223 361
4a	Support rail	250 055	20	Rod	230 658
4b	Eyelet holder complete	250 077	21	Grounding plate	256 622
540	Spring dowel sleeve 4x16	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	265 445
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the right complete with eyelets	230 682	508	Dowel pin3M6x40	023 528
9b	Eyelet	230 662	509	Washer 5,3x22x2,5	023 219
590	Slide bearing	023 627	510	Washer 5	020 901
591	Guide piece	259 453	512	Shim ring 15x21x1	023 216
11	Bracket	221 316	514	Washer 4,3x18x1,5	020 908
12	Cover	251 098	517	Pan-head screw M4x8	023 579

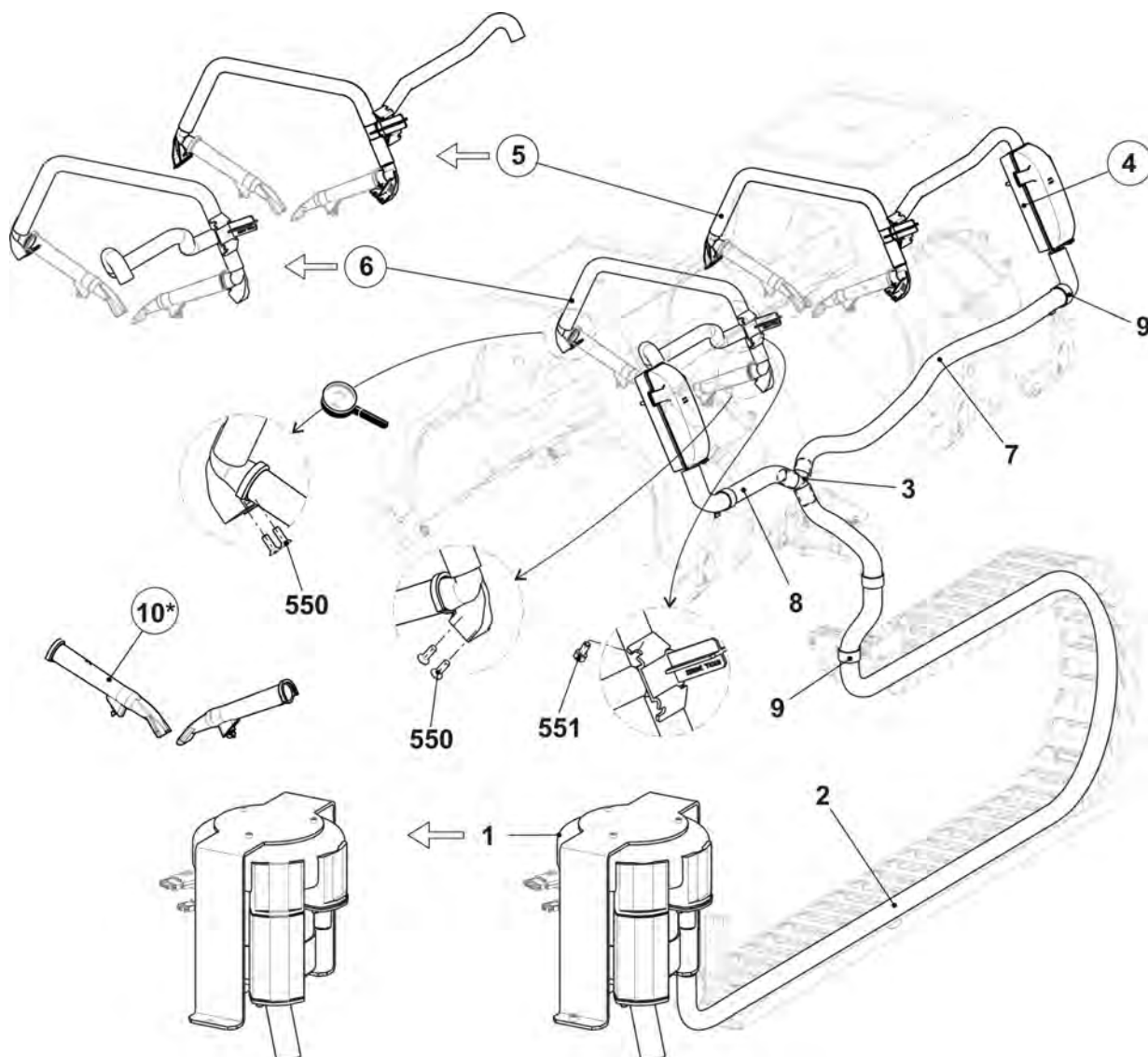


10 Fluff absorption



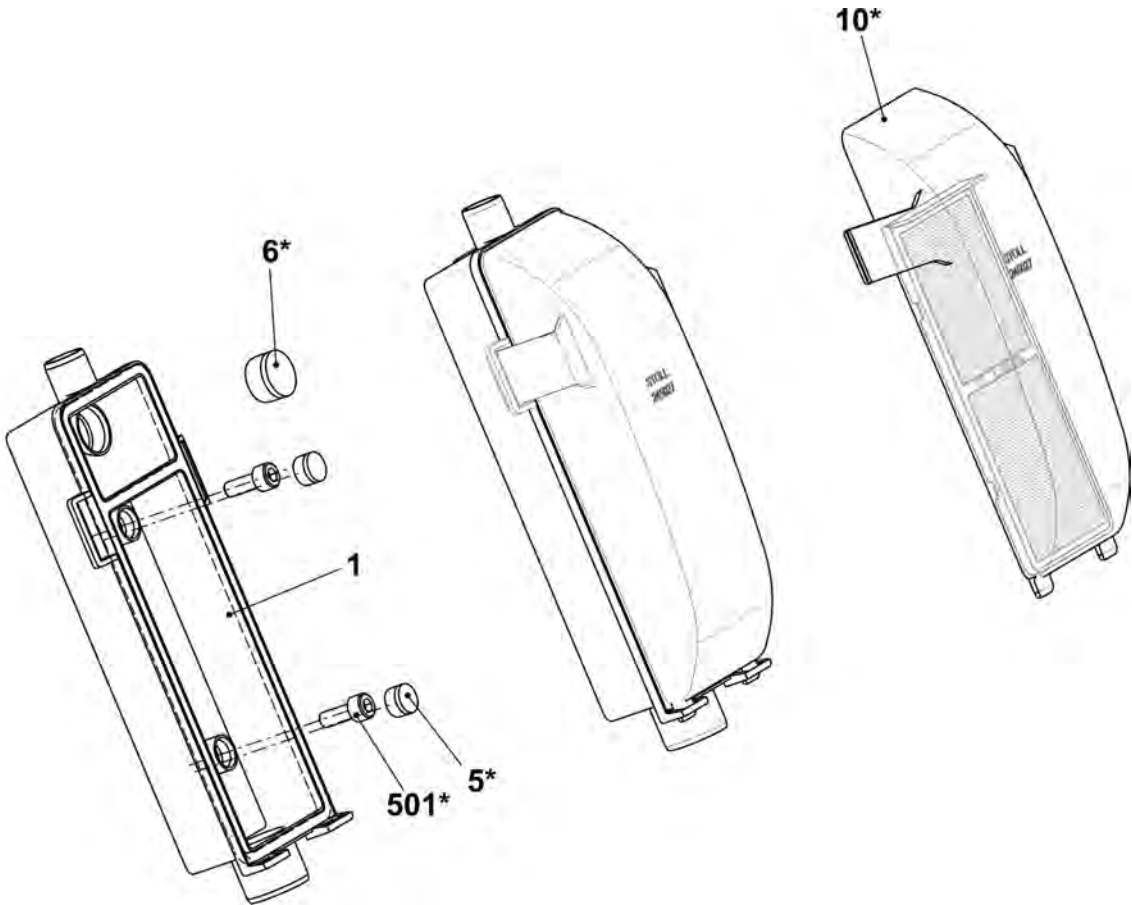
10.1 Fluff absorption

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Fluff absorption				
1	Suction fan complete	251 332	7	Suction hose 29x25x1300	251 347
2	Suction hose 29x25x2850	252 747	8	Suction hose 29x25x350	252 746
3	Hose connector 25 mm	245 011	9	Hose clip	214 653
4	Lint container	245 024	10*	Suction tube complete 822 E5-14	251 312
5	Set of hose on the left complete 822	251 343	550	Countersunk head screw M4x8	251 011
6	Set of hose on the right complete 822	251 344	551	Cap screw M4x8	022 501



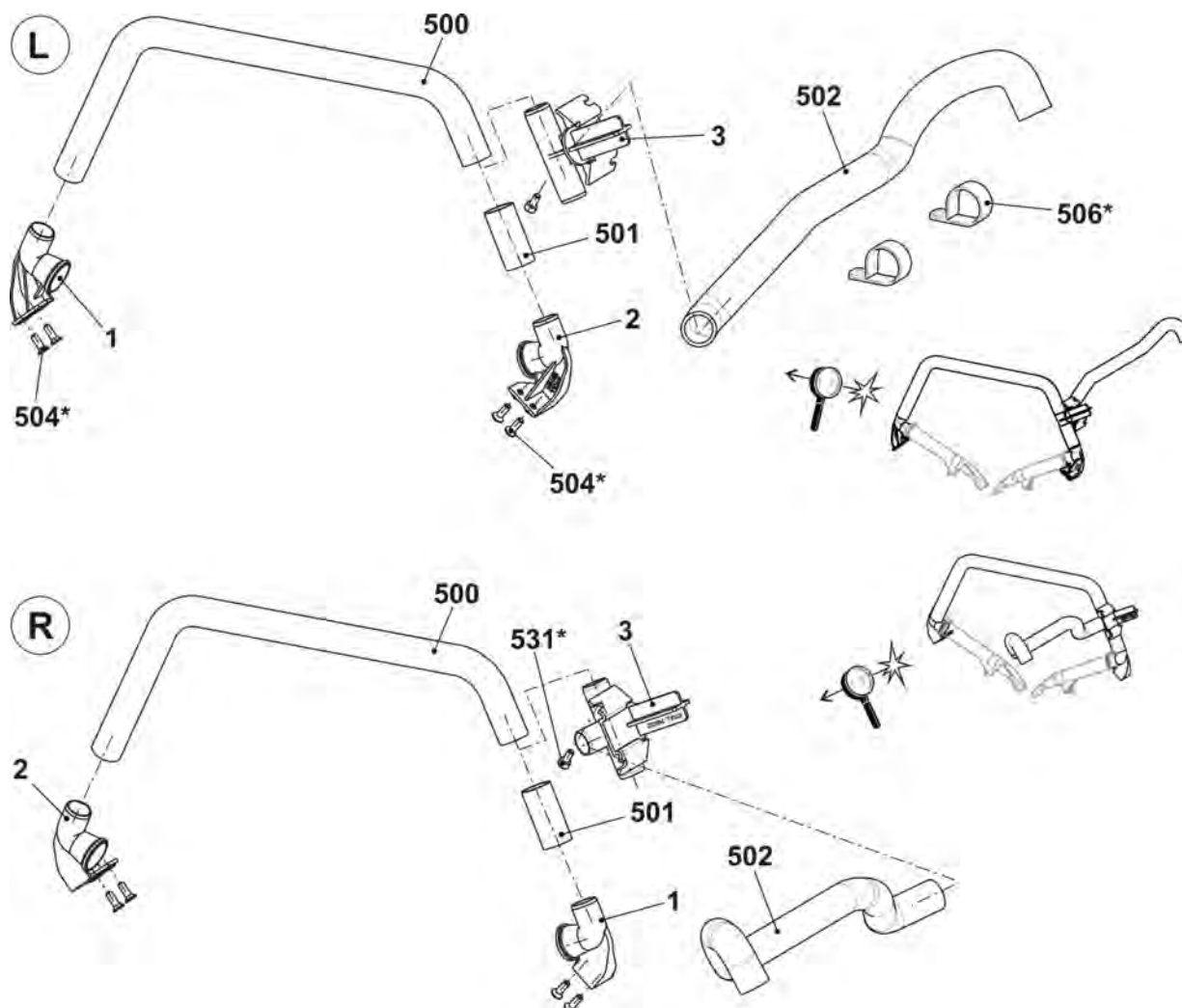
10.1.1 Lint container

Pos	Designation	Id	Pos	Designation	Id
Σ	Lint container		6*	Sealing plug	245 029
1	Lint container	245 024	10*	Cover with filter	251 335
5*	Sealing plug	245 028	501*	Cap screwM6x10	023 690



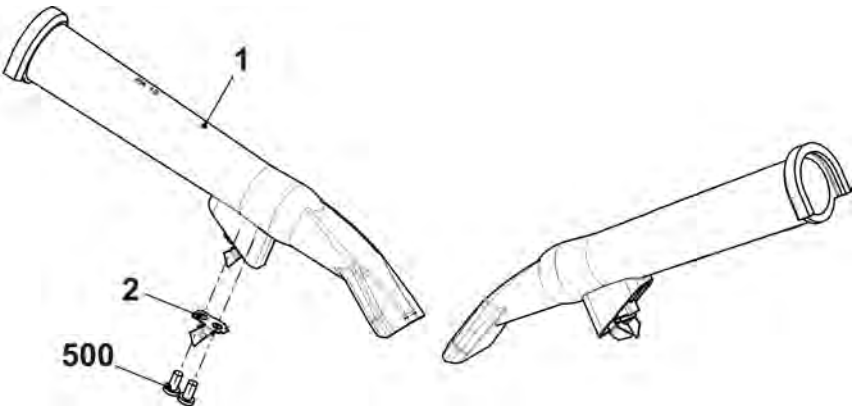
10.1.2 Set of hose on the left and right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Set of hose on the left complete 822 5Z	251 343			
R	Set of hose on the right complete 822	251 344	501	Suction hose 20x16x40	251 043
1	Angle connection on the right	250 121	502	Suction hose 20x16x420	251 045
2	Angle connection on the left	251 101	504*	Countersunk head screw M4x8	251 011
3	Connection piece FLENT	245 022	506*	Cable clip	250 051
500	Suction hose 20x16x400	244 983	531*	Cap screw M4x8	022 501

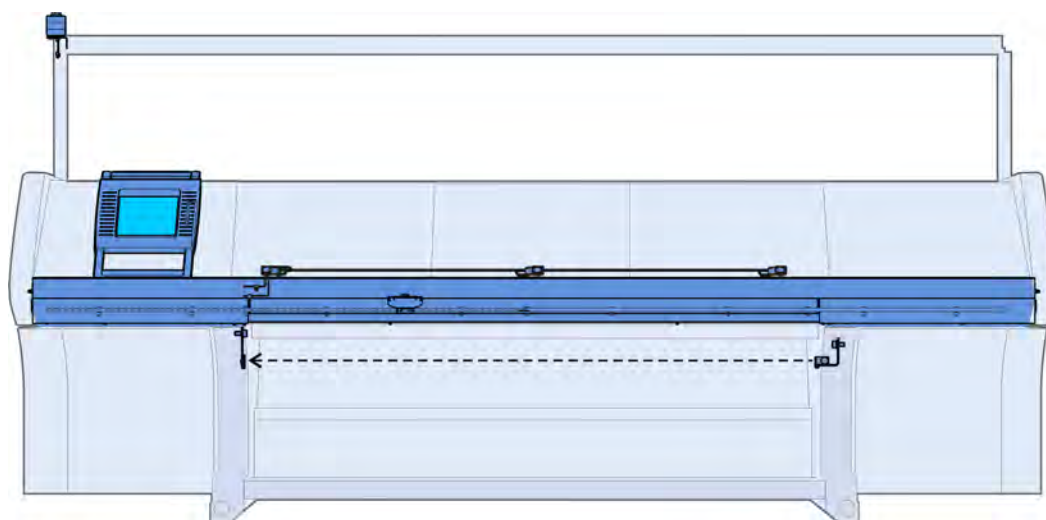


10.1.3 Suction tube

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Suction tube complete E5-14	251 312	2	Bracket	255 628
1	Suction tube	255 386	500	Screw KB30x6	241 424

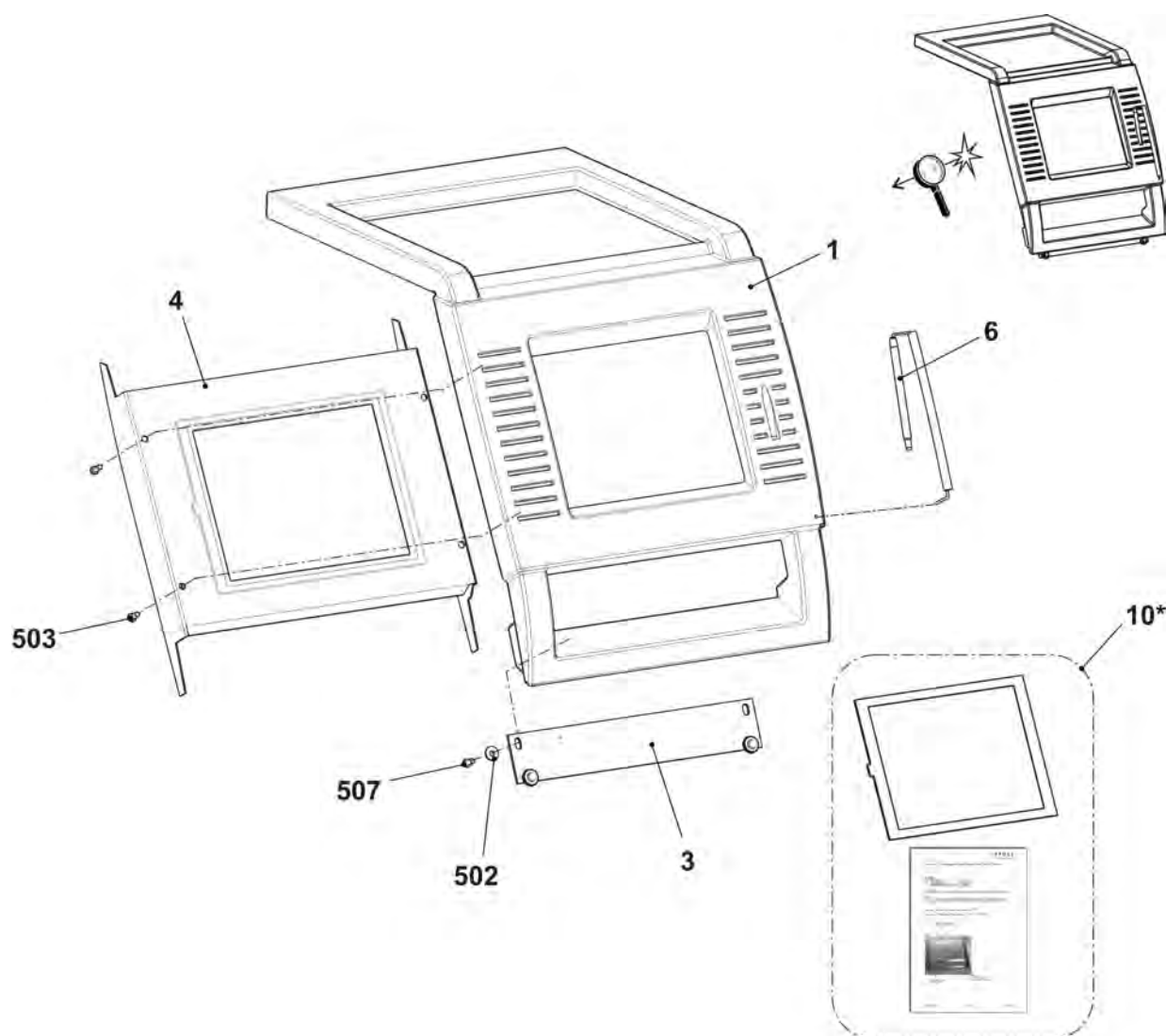


11 Operation and control



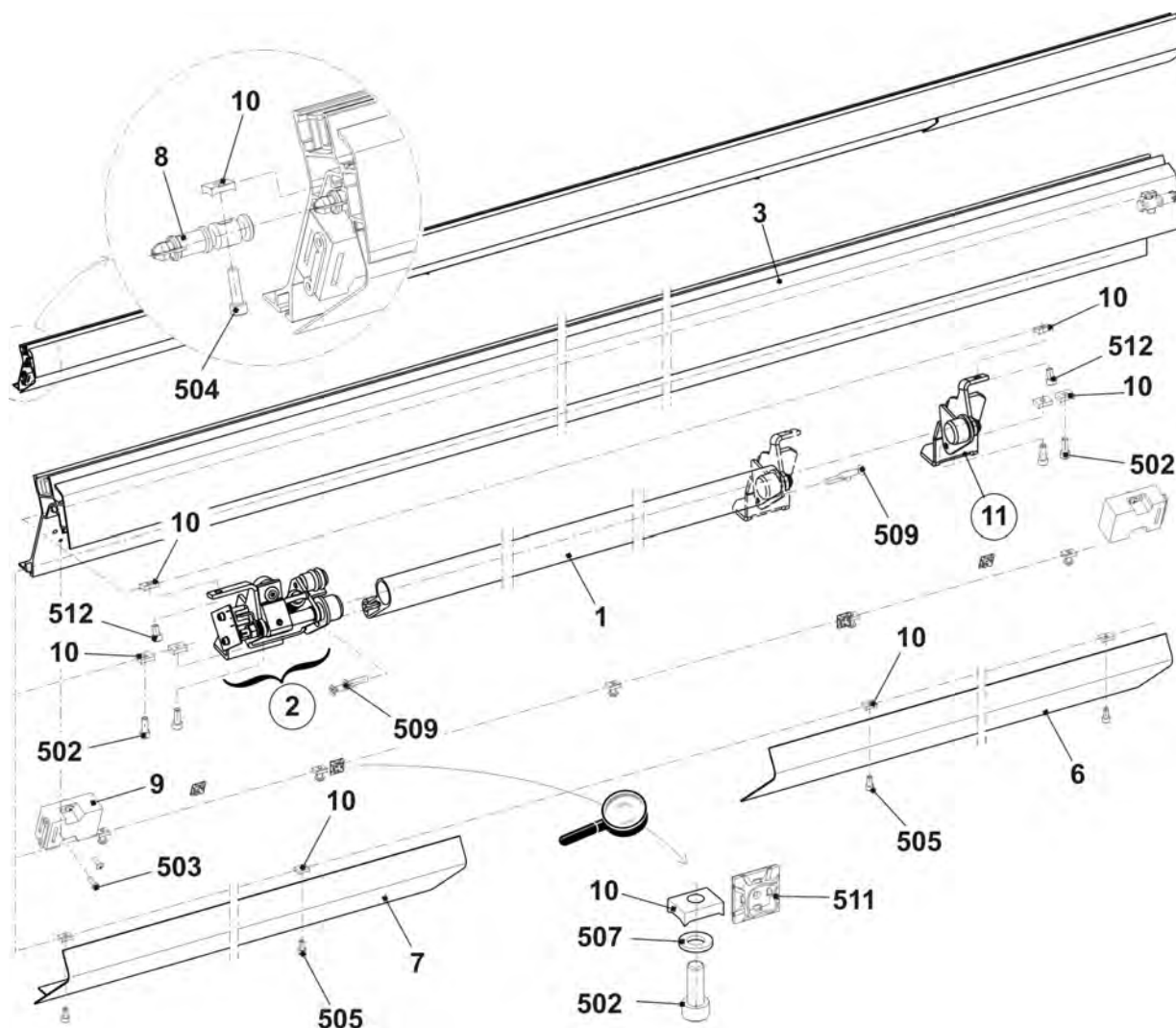
11.1 Input unit

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



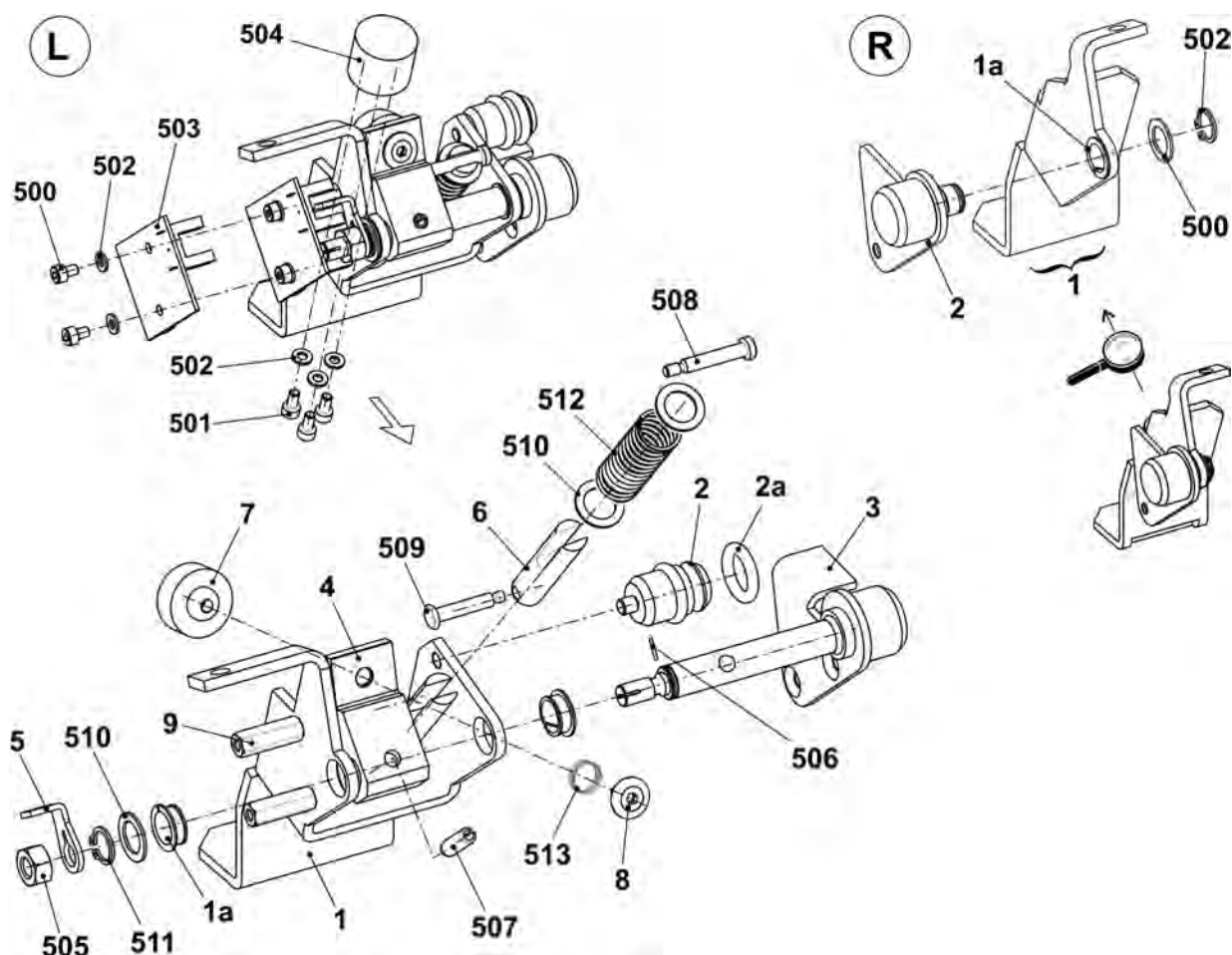
11.2 Starting device

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Starting device complete	241 039	11	Bearing on the right complete	252 964
1	Engaging rod	241 030	502	Cap screw M6x16	020 135
2	Bearing on the left complete	250 071	503	Pan-head screw M5x14	023 588
3	Guide rail at the bottom complete	257 540	504	Cap screw M6x20-12.9	020 136
6	Cover plate on the right	251 216	505	Cap screw M6x12	020 134
7	Cover plate on the left	251 217	507	Washer	020 872
8	Locating bolt	219 107	509	Screw M6x25	023 510
9	Switch with cable to safety doors	223 350	511	Cable holder	262 037
10	Sliding nut (slot nut)	225 099	512	Cap screw M6x10	023 690



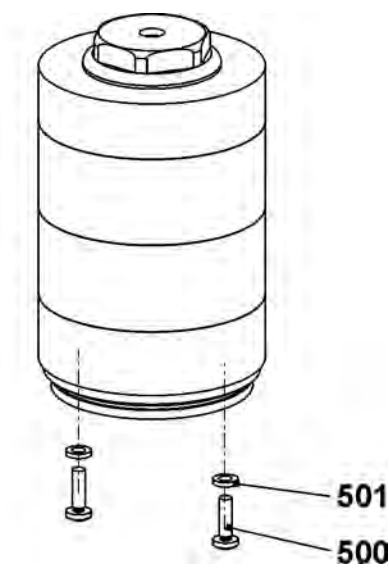
11.2.1 Bearing of the engaging rod

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Bearing on the left complete	250 071			
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



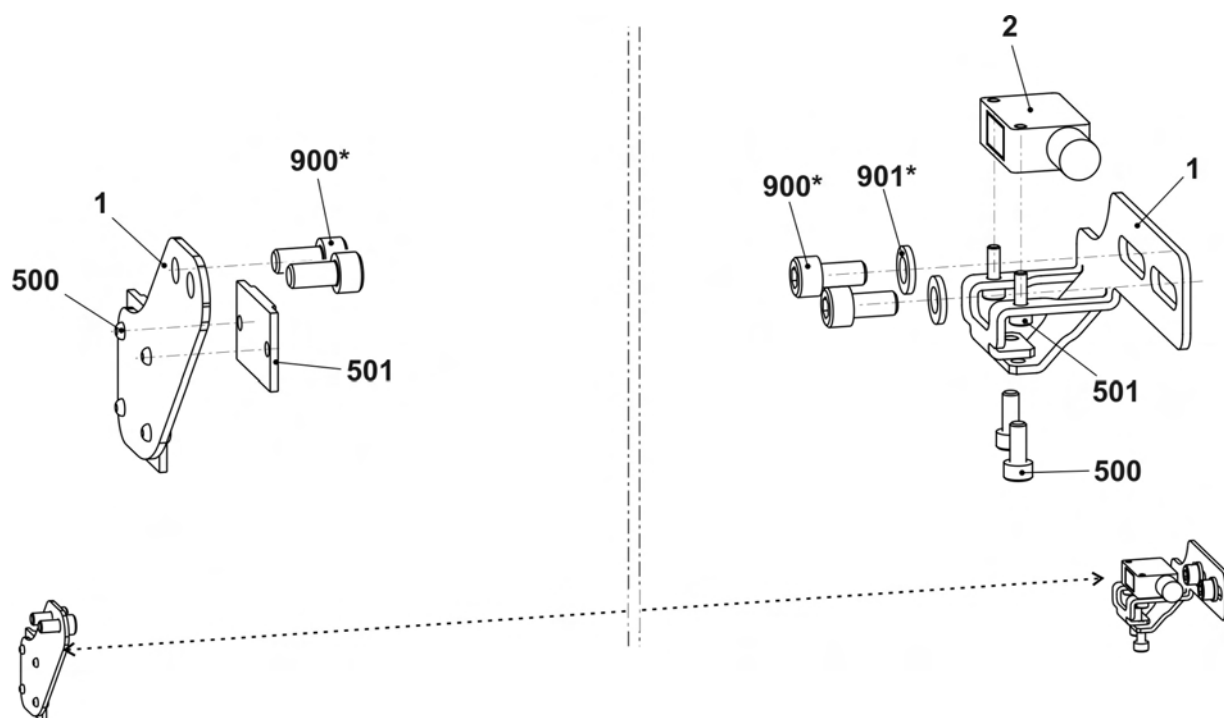
11.3 Signal light

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				



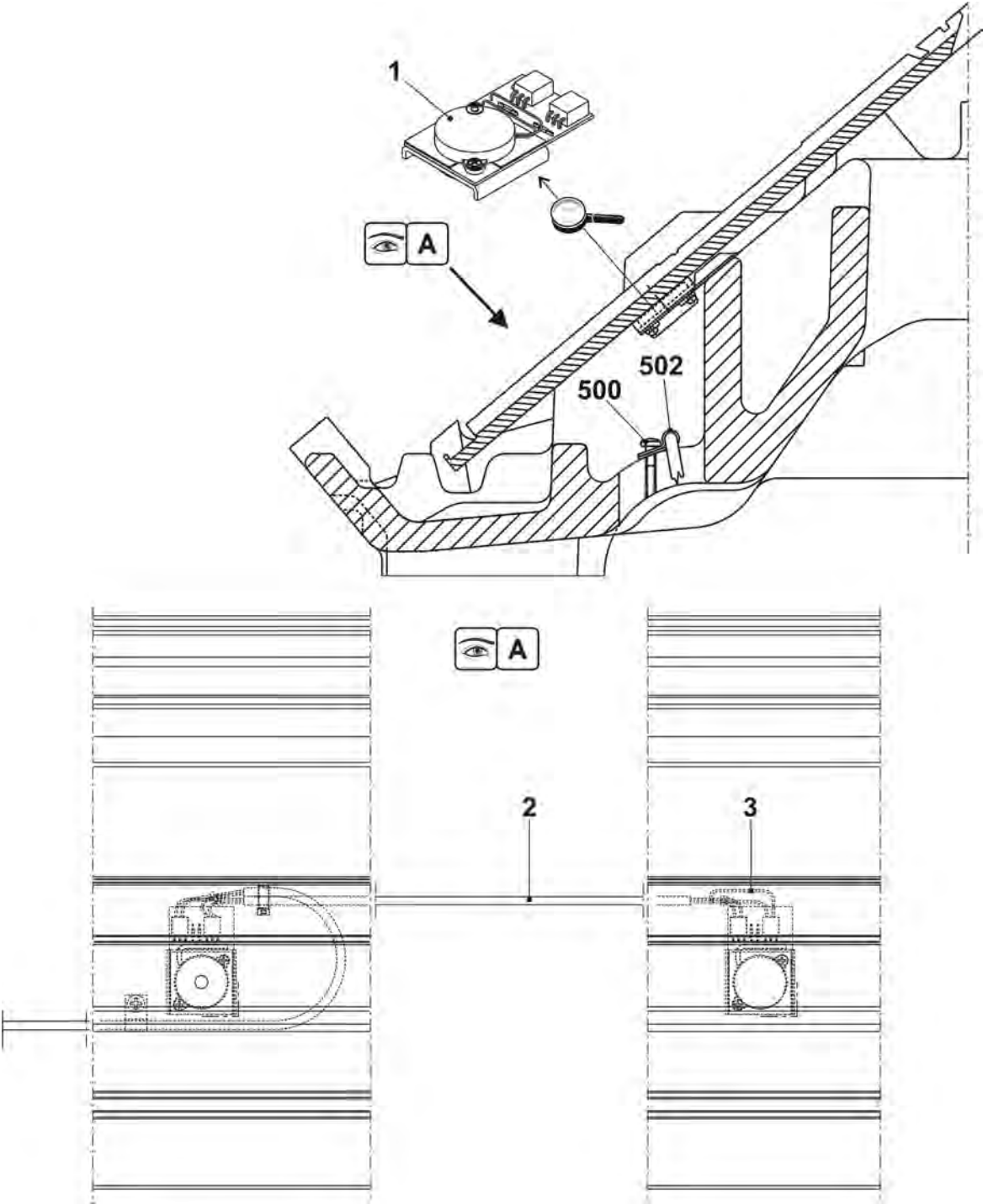
11.4 Control of Collecting Area

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Reflector complete	261 374	Σ	Holding angle light barrier	257 409
1	Mounting plate reflector	261 375	1	Holding angle	256 806
500	Blind rivet A3x8-Al	023 158	2	Light barrier WI100-P4330	243 355
501	Reflector 20x20 mm	243 356	500	Cap screw M4x10	023 136
900*	Cap screw M6x12	020 134	501	Cap screw M3x10	022 991
			900*	Cap screw M6x12	020 134
			901*	Washer 6	020 872



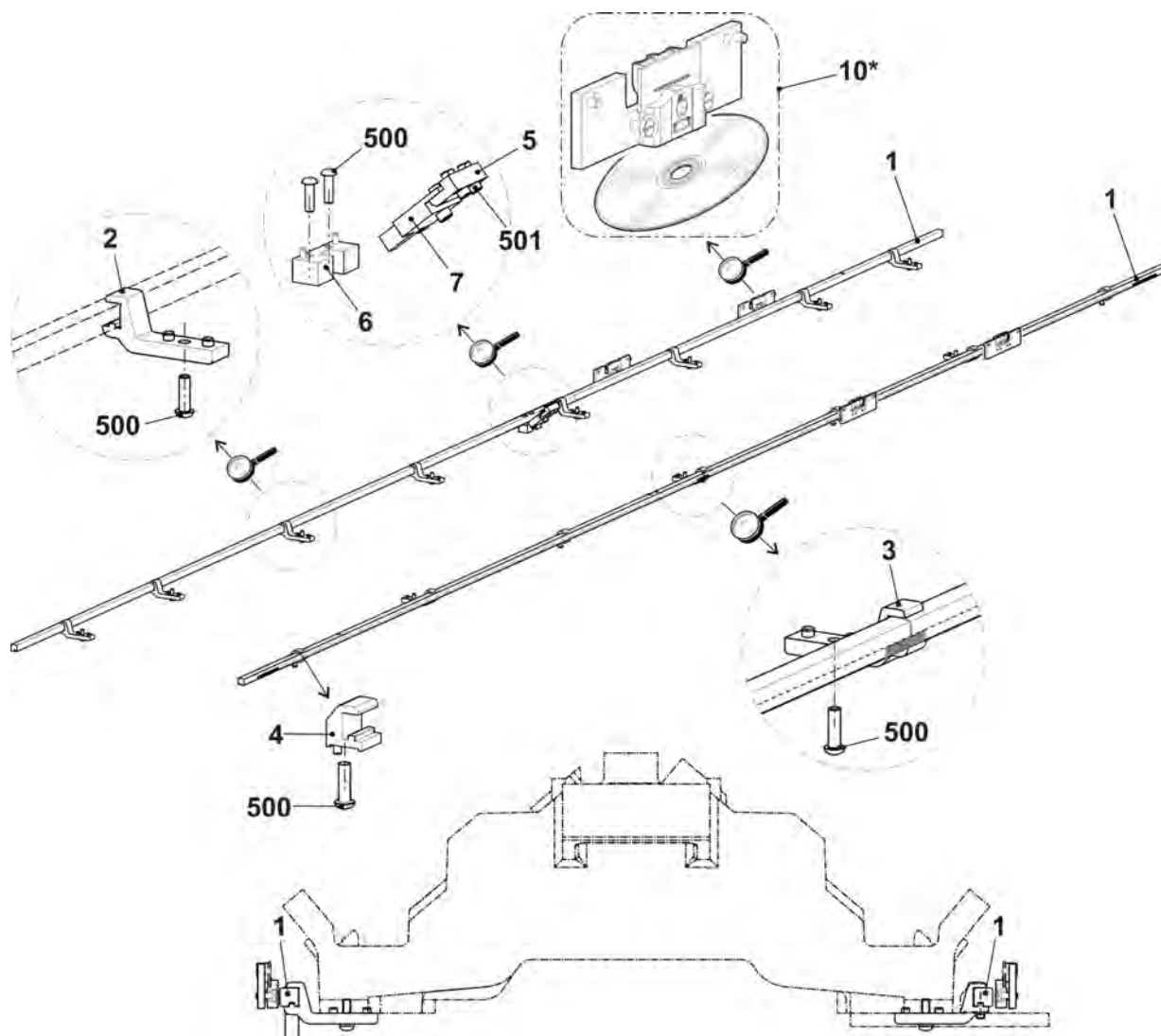
11.5 Shock stop motion

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Shock stop motion complete E3	223 947	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	220 061	502	Cable clip N-3B, 5 mm	210 729

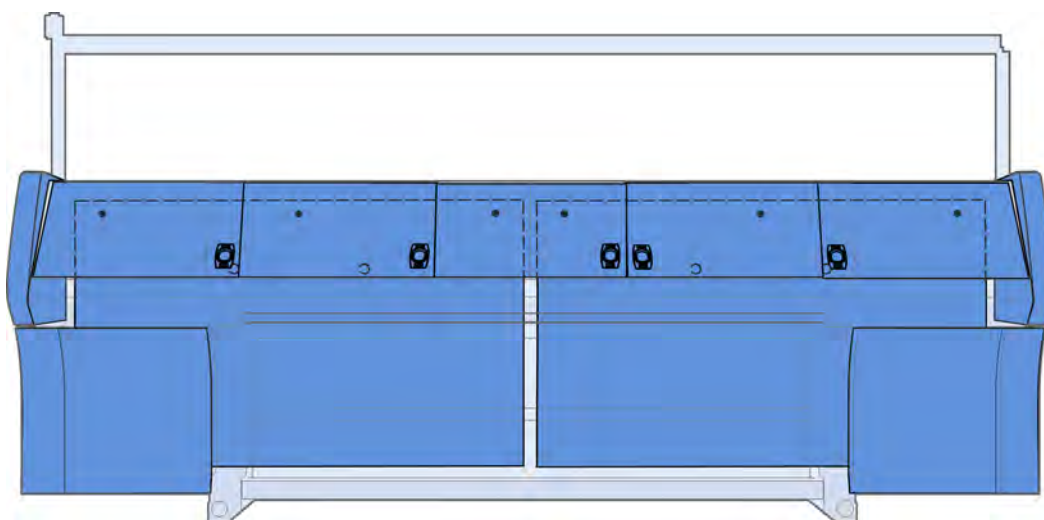


11.6 Measuring device

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Measuring device		6	Bearing fork	244 535
1	Measuring bar	258 308	7	Plunger	244 536
2	Guide	212 210	8	Shoulder screw	209 790
3	Guide	240 672	10*	Spare parts package impulse sensor GLM OH	259 613
4	Clamp	212 203	500	Pan-head screw M6x20	241 603
5	Stop point	244 537	501	Cap screw M5x16	022 726

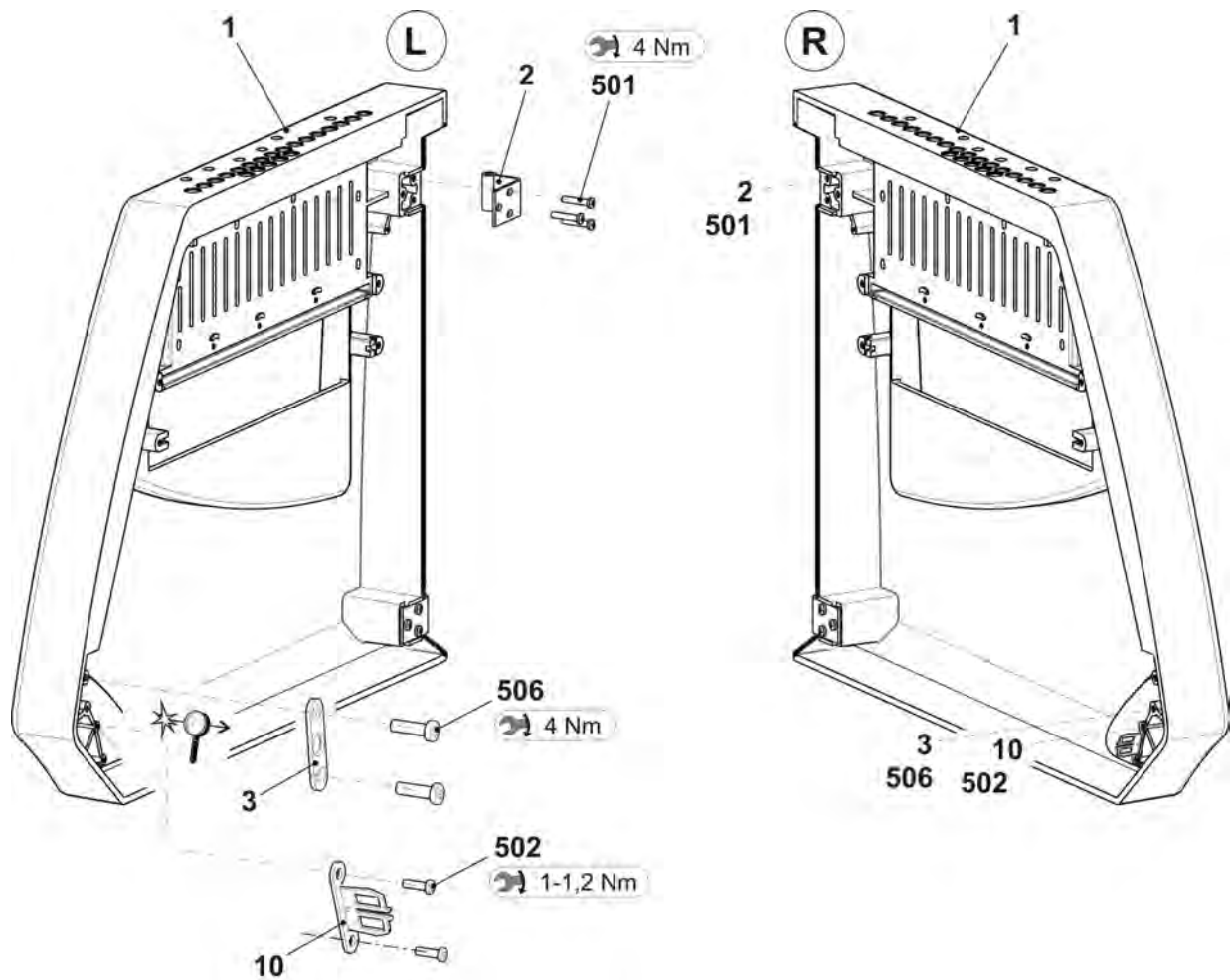


12 Protective devices



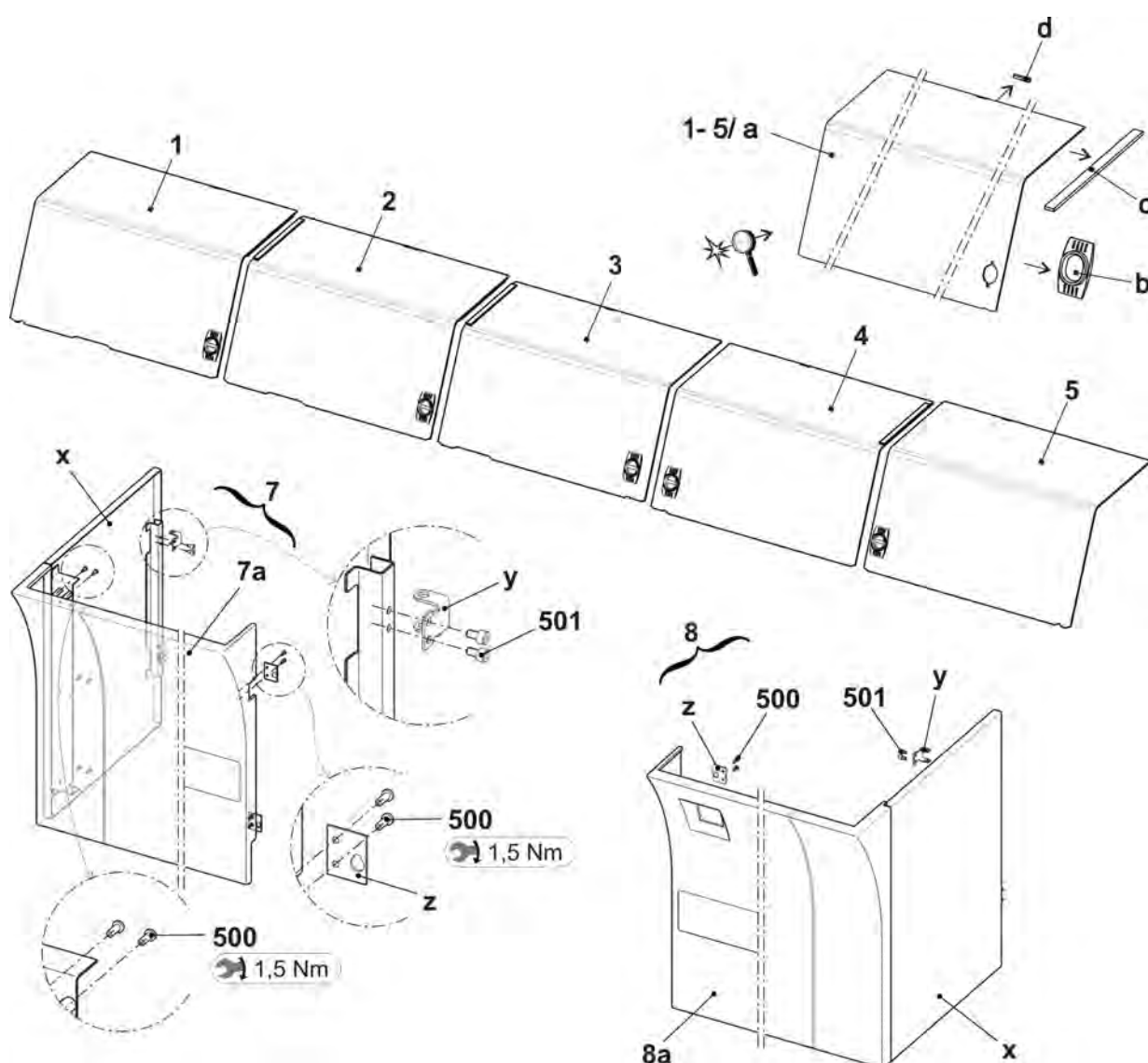
12.1 Lateral safety doors

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



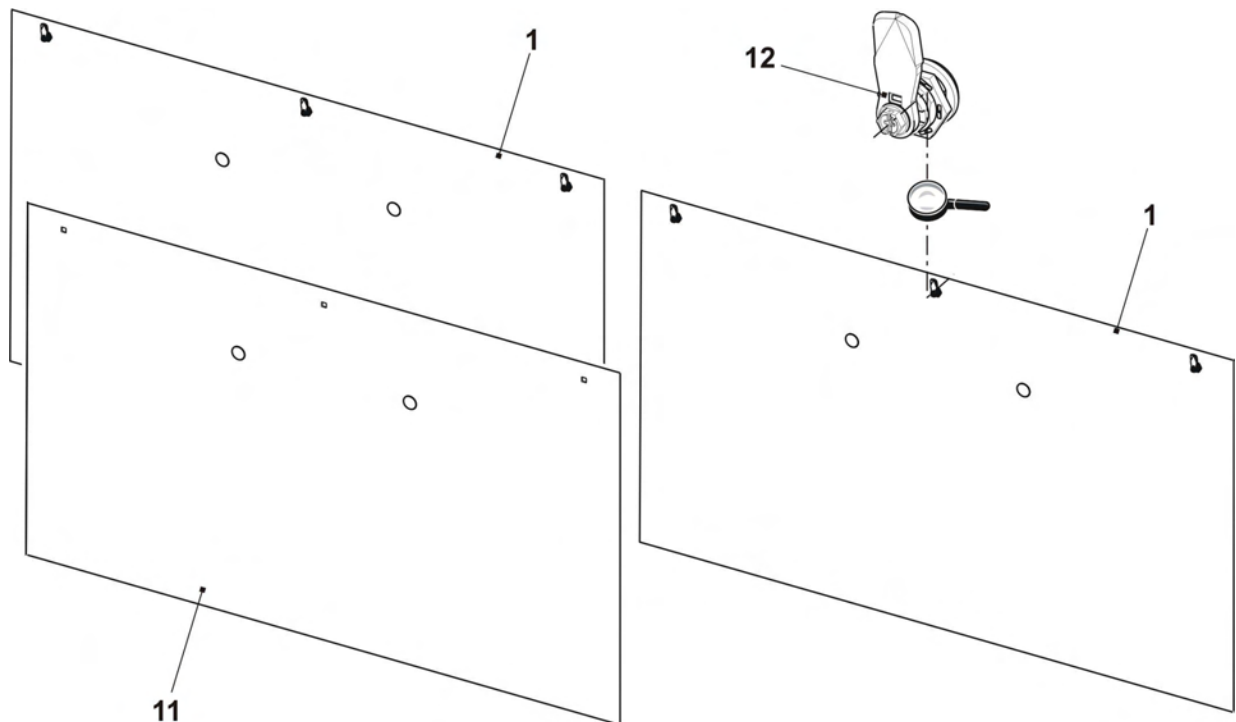
12.2 Panelling

Pos	Designation	Id. no.	Pos	Designation	Id. no.
1	Cover 1 (complete)	257 532	1-5	b Inlet type handle	251 376
	1a Cover	257 527		c Stripper	219 393
2	Cover 2 (complete)	257 533		d Magnet	255 129
	2a Cover 2	257 528	7	Control unit panelling on the left complete	251 237
3	Cover 3 (complete)	257 534	7a	Control unit panelling on the left	251 190
	3a Cover 3	257 529	8	Control unit panelling on the right complete	251 238
4	Cover 4 (complete)	257 535		8a Control unit panelling on the right	251 191
	4a Cover 4	257 530	7-8	x Side part	244 989
5	Cover 5 (complete)	257 536		y Hinge	250 273
	5a Cover 5	257 531		z Bracket	240 412
				500 Screw KB 50x12	240 359
				501 Cap screw M6x16	020 135

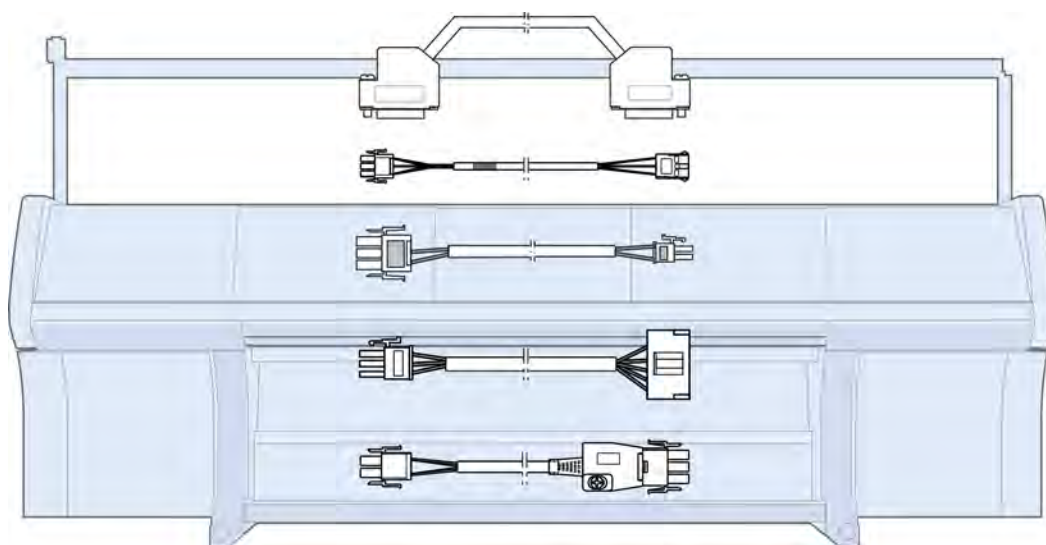


12.3 Rear panel

Pos	Designation	Id. no.	Pos	Designation	Id. no.
1	Panelling at the rear complete	257 670	11	Panelling	257 664
			12	Safety sash fastener	243 052



13 Electrical equipment



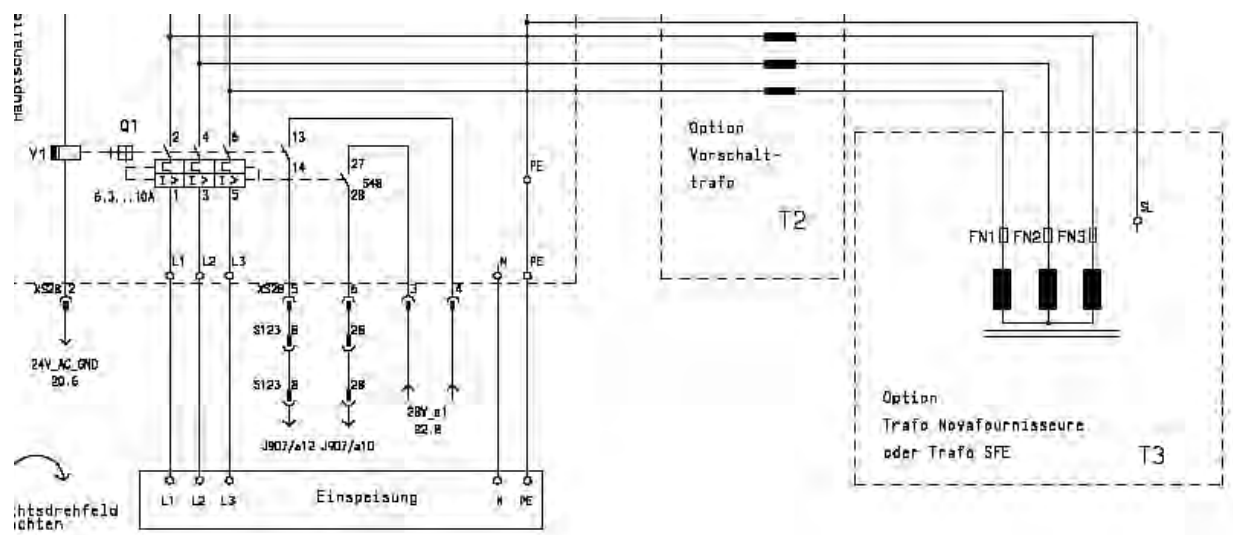
13.1 Fuses

	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

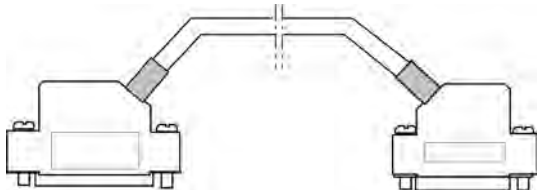
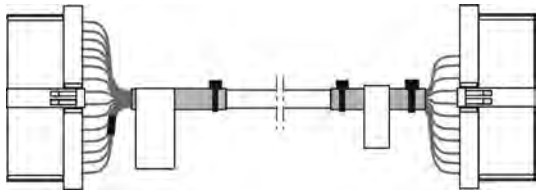
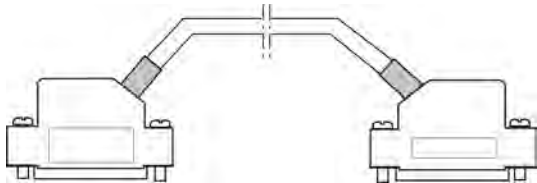
13.2 Circuit diagram (221) as PDF

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

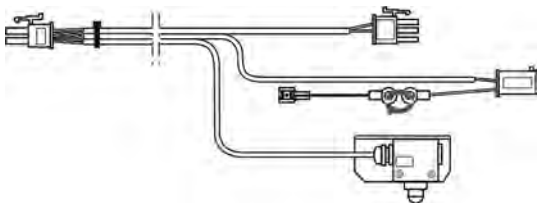
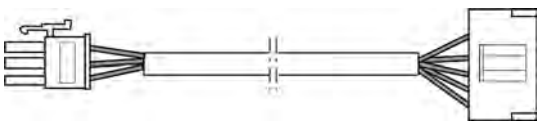
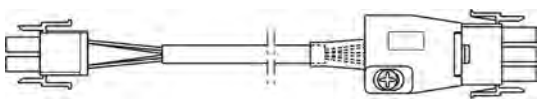
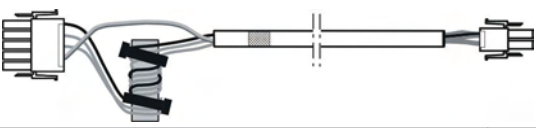
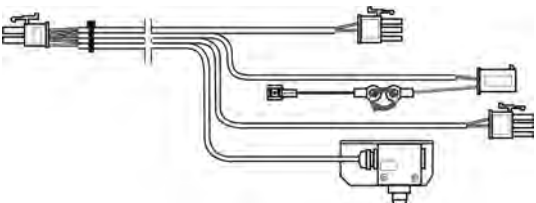
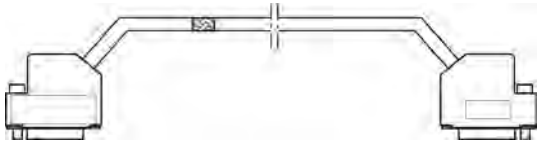
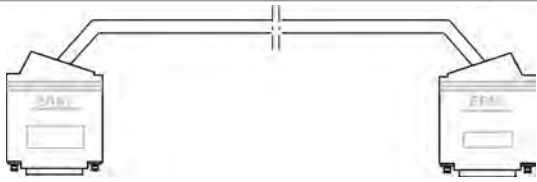
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



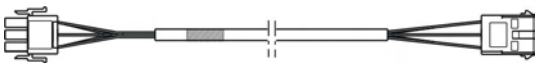
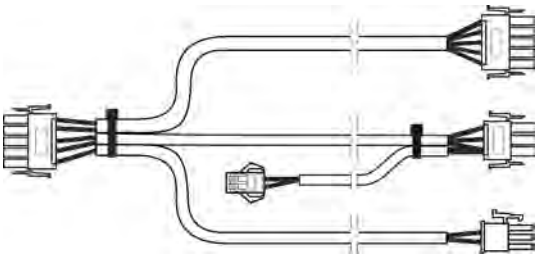
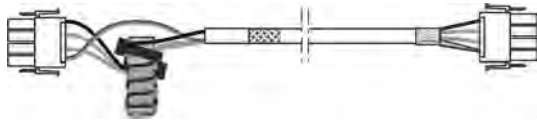
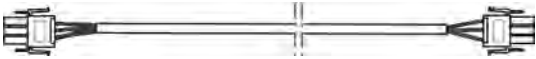
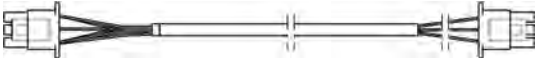
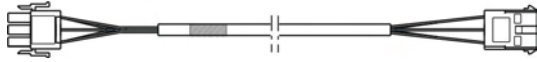
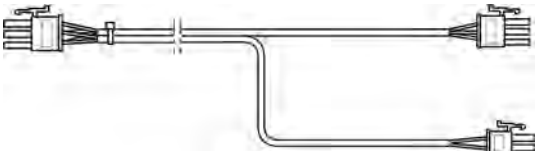
13.3 Trailing cable

Designation	Id	Designation	Id
Σ Trailing cable set OKC 822 2IMP-2	259 304		
Cable impulse sensor 2 at the rear on the left XL138	259 367	Cable SM rear left XL321	255 195
Cable impulse sensor 2 at the front on the left XL139	259 368	Cable SM front left XL323	255 197
Cable impulse sensor 2 at the rear on the right XL136	259 369	Cable SM rear right XL325	255 199
Cable impulse sensor 2 at the front on the right XL137	259 370	Cable SM front right XL327	255 201
			
Cable yarn carrier on the left	242 289	Cable signal at the rear on the left XL322	255 196
Cable yarn carrier on the right	242 290	Cable signal front left XL324	255 198
		Cable signal at the rear on the right XL326	255 200
		Cable signal front right XL328	255 202
			

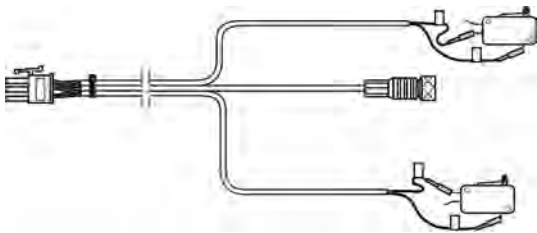
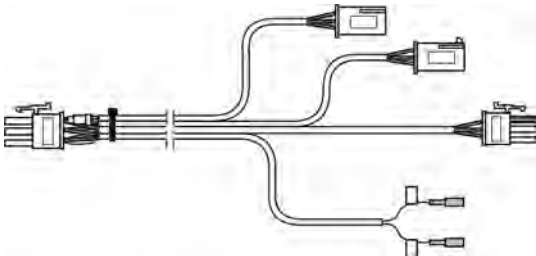
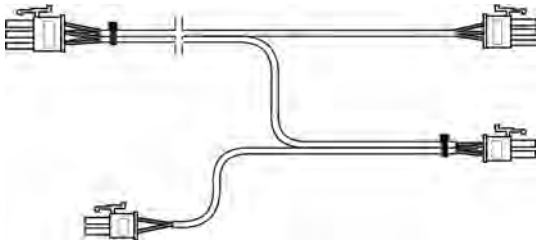
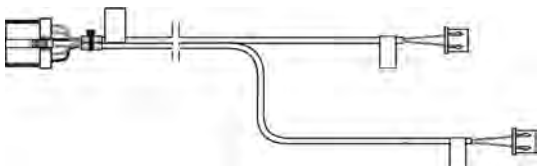
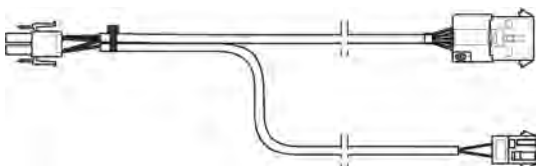
13.4 Cable

Designation	Id. no.	Designation	Id. no.
Cable Engaging rod OKC	240 289	Cable supply FKE lamp OKC	240 290
			
Cable protective device on the left OKC	253 442	Cable motor HIAB OKC	240 291
			
Cable racking limit switch OKC	240 292	Cable fan drive OKC	240 293
			
Cable Feed wheel on the right OKC	240 294	Cable drive motor OKC	240 295
Cable feed wheel on the left 84" OKC	240 466	Cable racking motor OKC	240 297
			
Cable resolver drive OKC	240 296	Cable protective device on the right OKC	253 441
Cable resolver racking OKC	240 298		
		Cable Electro 84" OKC	240 463
Cable CAN 84"	240 461		
			

13.5 Continuation of cable I

Designation	Id. no.	Designation	Id. no.
Cable motor HIAB 84" OKC	242 226	Cable switch HIAB 84" OKC	242 227
			
Cable power supply WAZ/F 84" OKC	263 688	Cable power supply servo 84"	240 504
			
Cable power supply unit of mains supply OKC	240 505	Cable switch HAOS 84" OKC	242 229
			
Cable motor HAAB OEF/S 84"	242 228	Cable motor HIAB OKC	240 592
			
Cable switch HIAB OKC	240 593	Cable motor comb hook OKC	240 308
			

13.6 Continuation of cable II

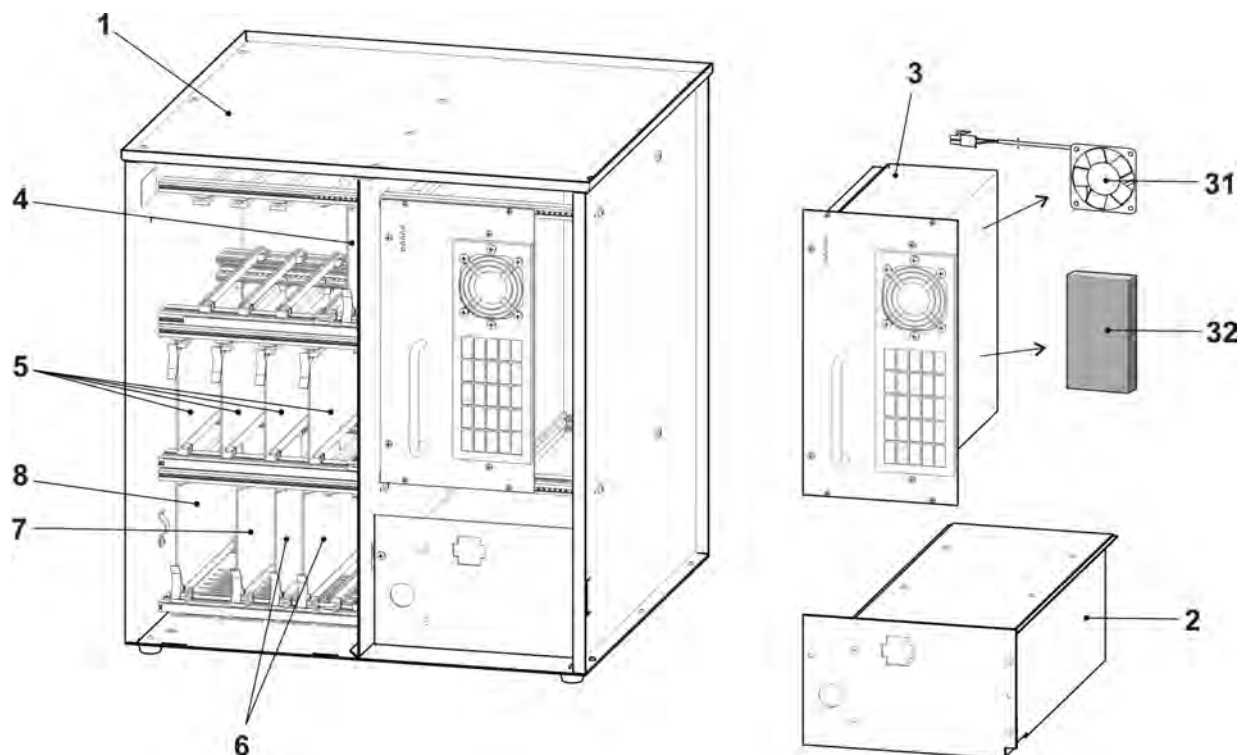
Designation	Id. no.	Designation	Id. no.
Cable switch KAHA OKC	240 309	Cable motor combOKC	240 310
			
Cable switch comb OKC	240 311	Cable switch HAAB OKC	240 312
			
Cable piezo NB OKC	240 518	Cable power supply FLENT 84" OKC	251 243
			

14 Control electronics



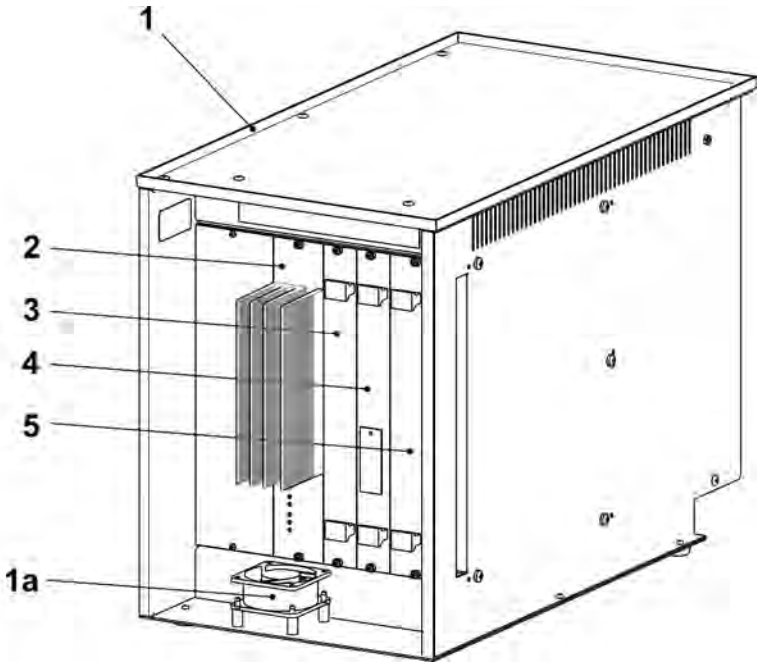
14.1 Left control cabinet

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Control unit on the left complete 822 5/6 inch	254 866			
1	Control unit on the left without any equipment	254 868	4	Card battery OKC	300 951
2	Battery plug-in unit	300 924	5	Card final stages 4SM 7TE	300 943
3	Power supply unit CG54	300 923	6	Card N-CPU 432	300 965
31	Fan power supply unit	239 305	7	Card Power CPU B	301 009
32	Filter pad CG54	239 350	8	Card IPC P9X S 01	264 480

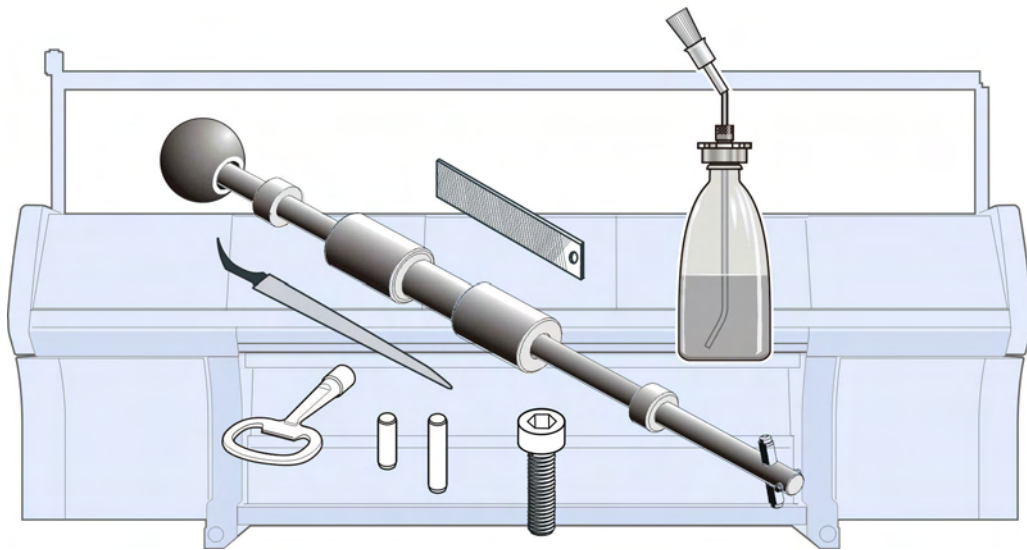


14.2 Right control cabinet

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Control unit on the right complete 2A PP	260 572			
1	Control unit on the right without any equipment	260 573	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

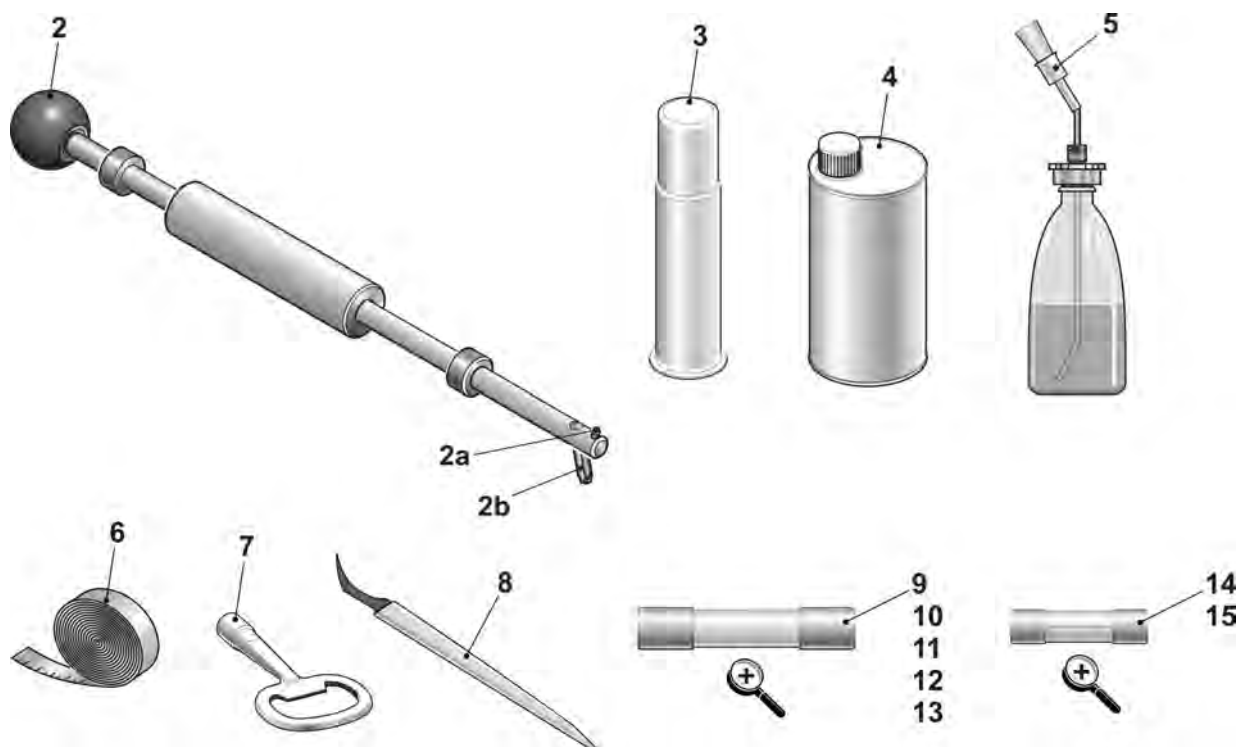


15.1 Fuses

	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

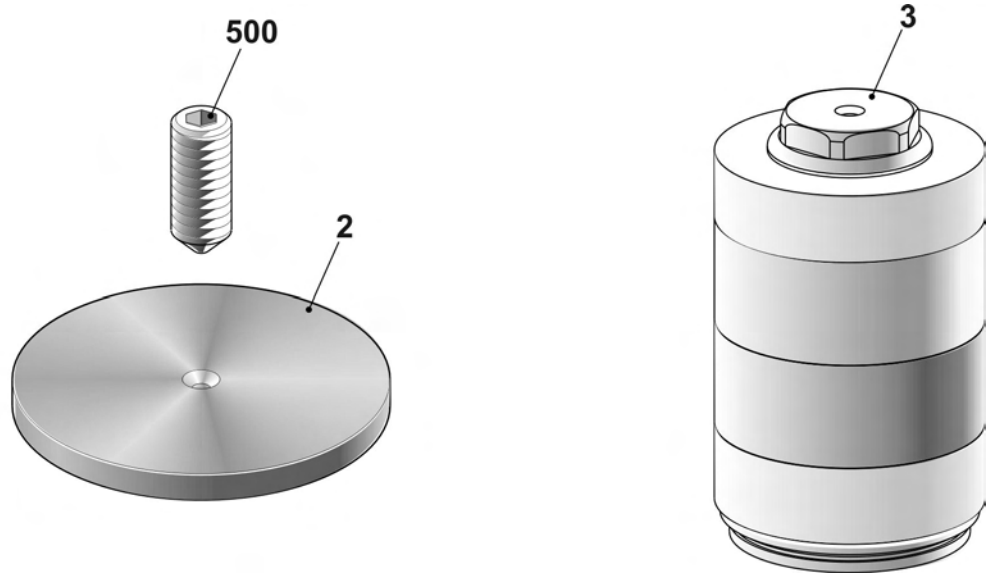
15.2 Accessories part 1

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

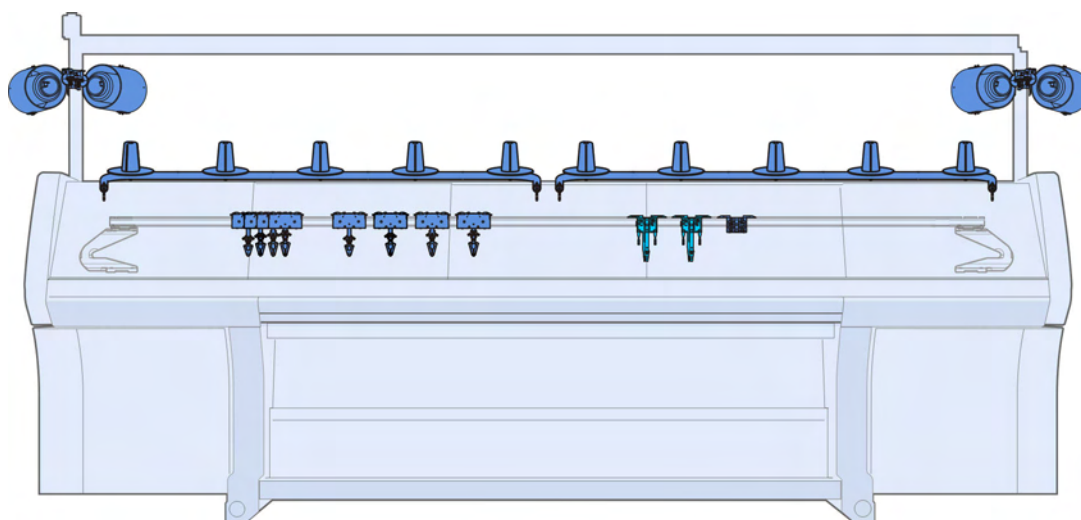


15.3 Accessories part 2

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

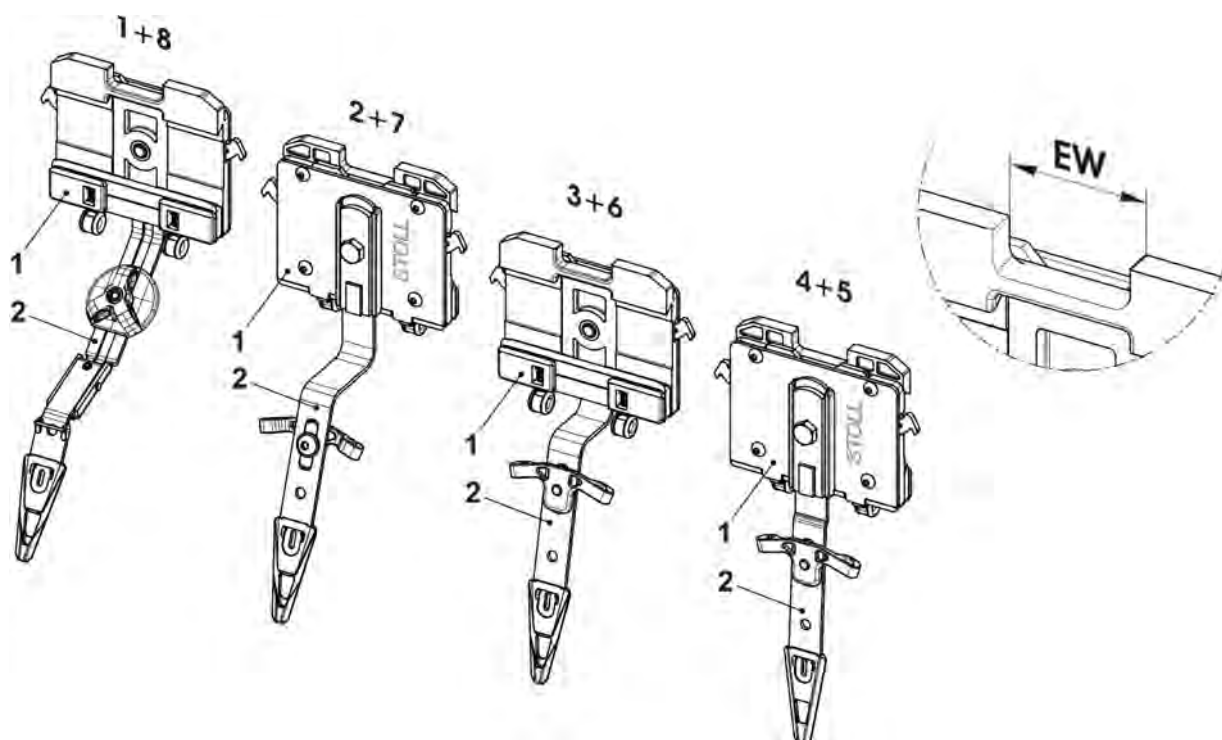


16 Special attachments



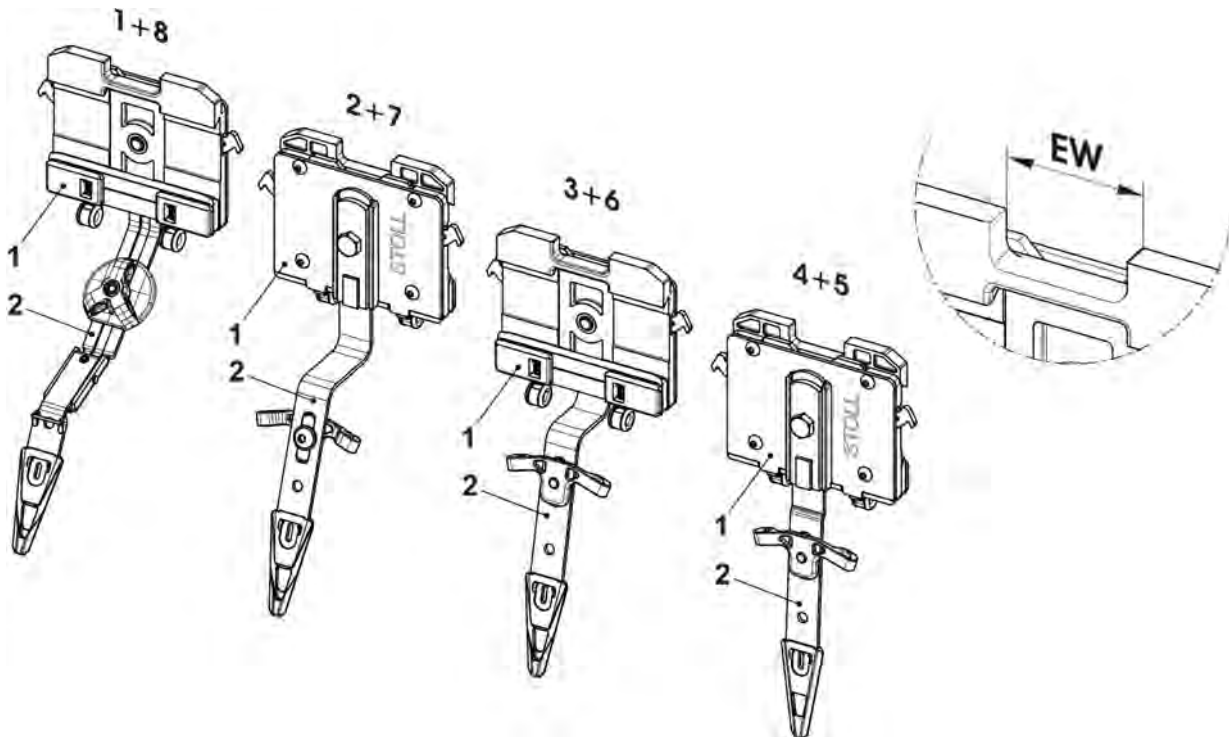
16.1 Yarn carrier type 2, E5 | E2,5.2 | E3,5.2 | E5.2

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



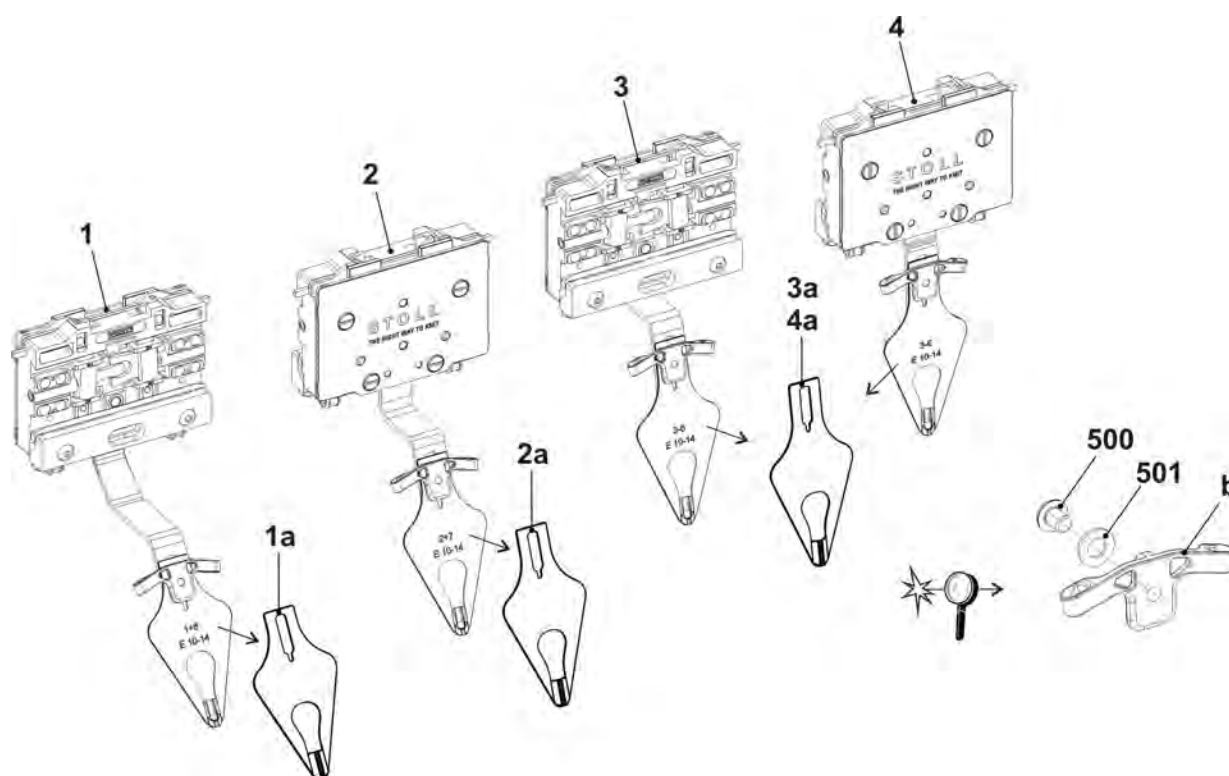
16.2 Yarn carrier type 2, E7 | E8 | E6.2

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



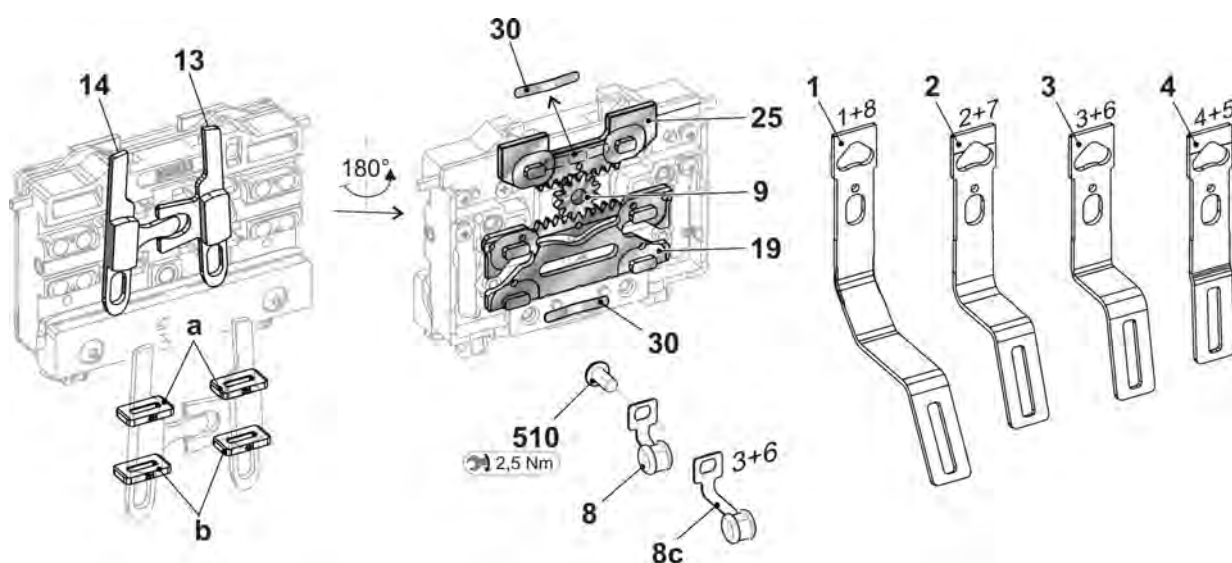
16.3 Intarsia yarn carrier type 2, Overview

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



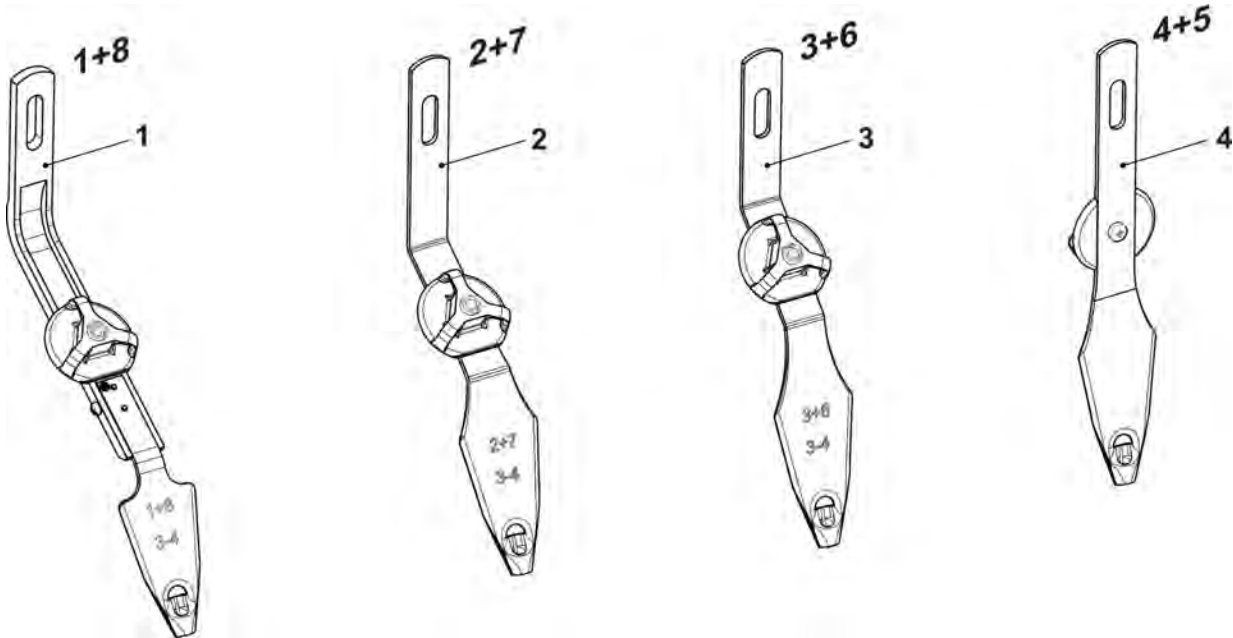
16.3.1 Continuation Intarsia yarn carrier type 2

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



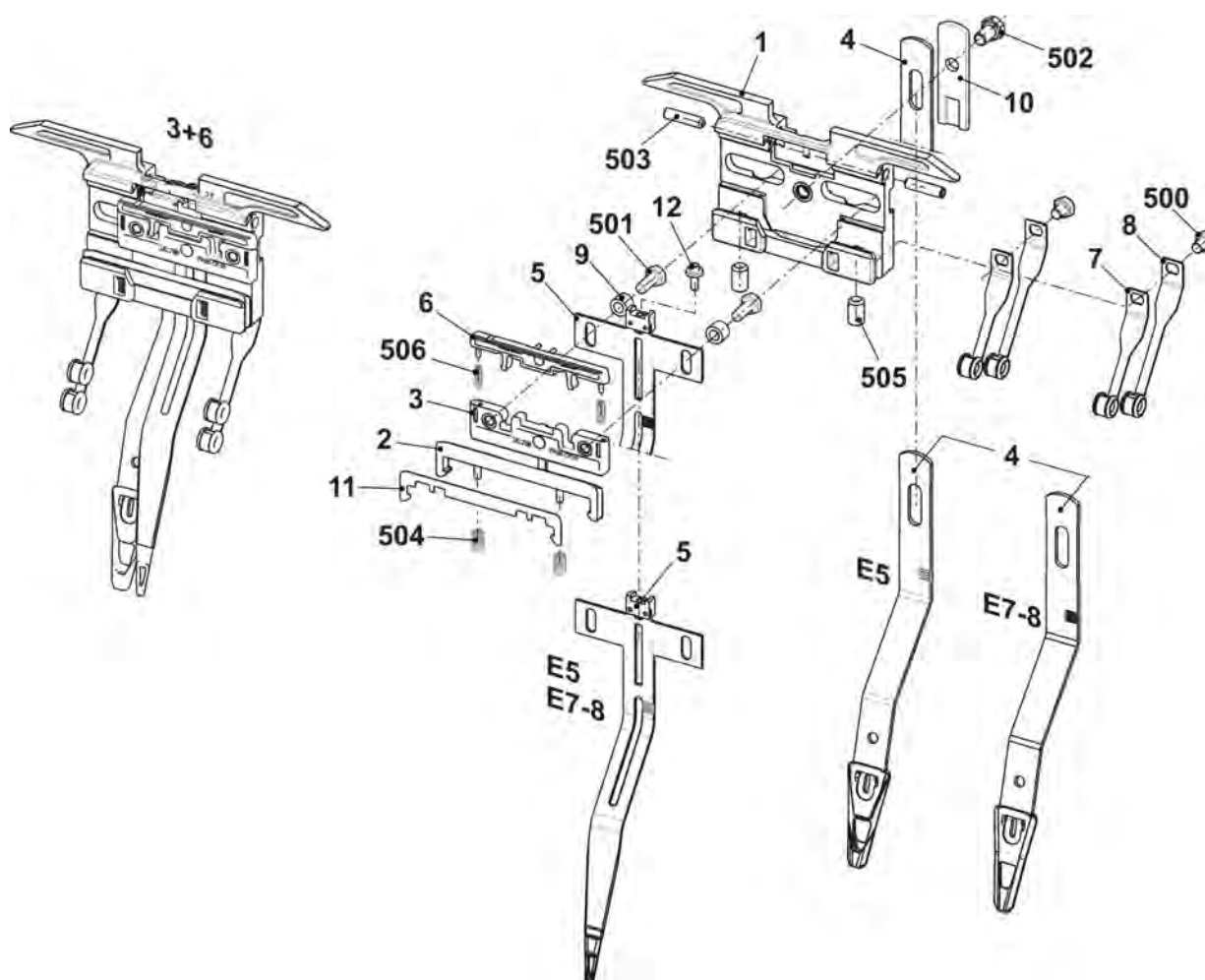
16.4 FF bow E2,5.2m.4L

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



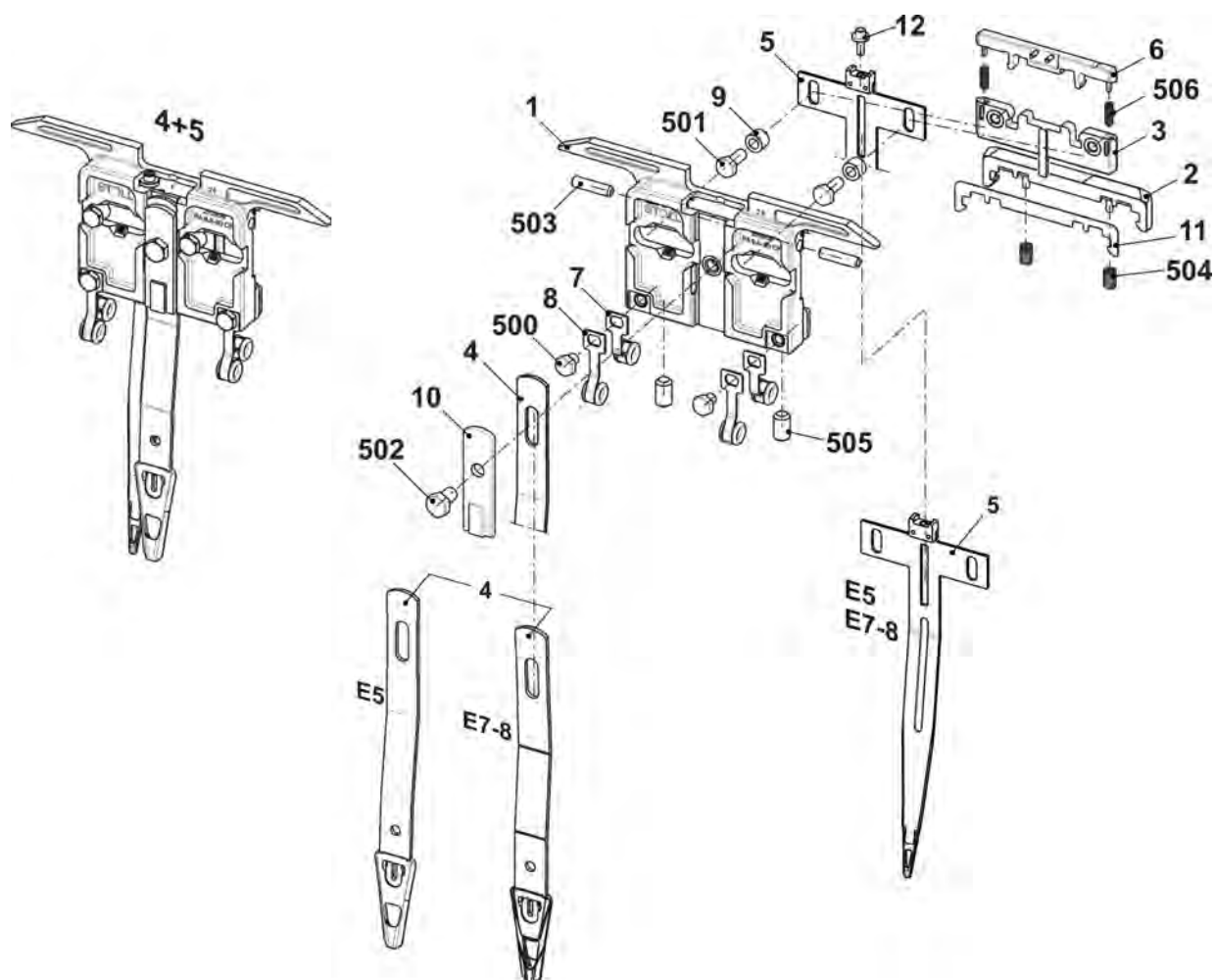
16.5 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete		8	Eyelet holder complete	252 824
	E5 E2,5.2 E3,5.2 E5.2	252 782	9	Distance bushing	252 796
	E7 E8	252 784	10	Shim	213 035
1	Plating yarn carrier carriage	252 806	11	Shim	216 143
2	Sliding piece	212 583	12	Adjusting screw	253 436
3	Slider	252 798	500	Hexagon 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



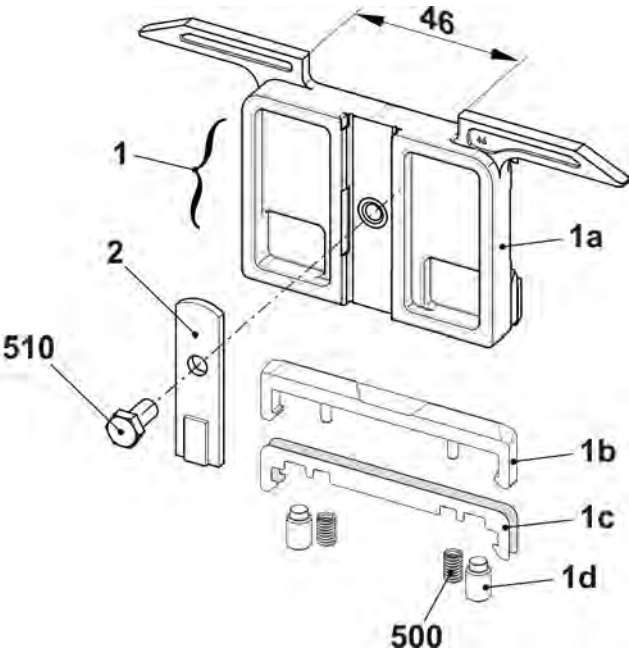
16.6 Plating yarn carrier 4+5

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



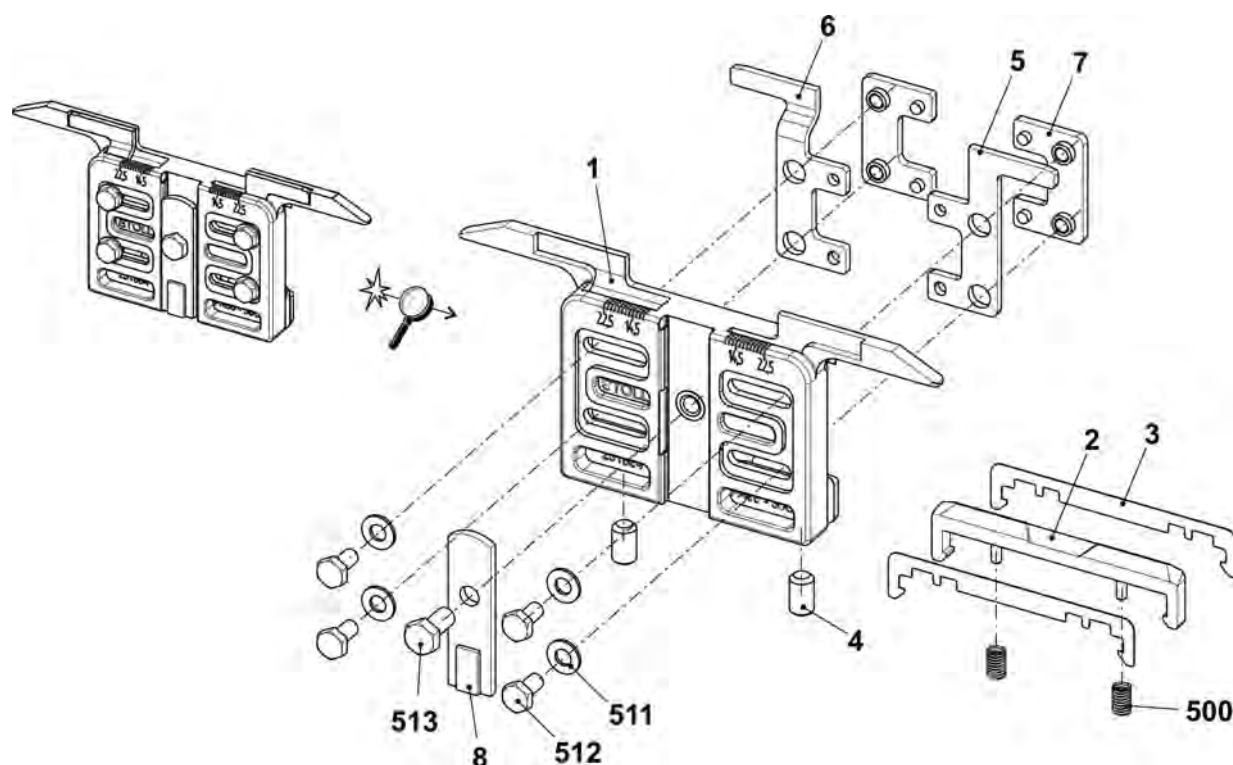
16.7 Carriage of plating yarn carrier EW 46

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



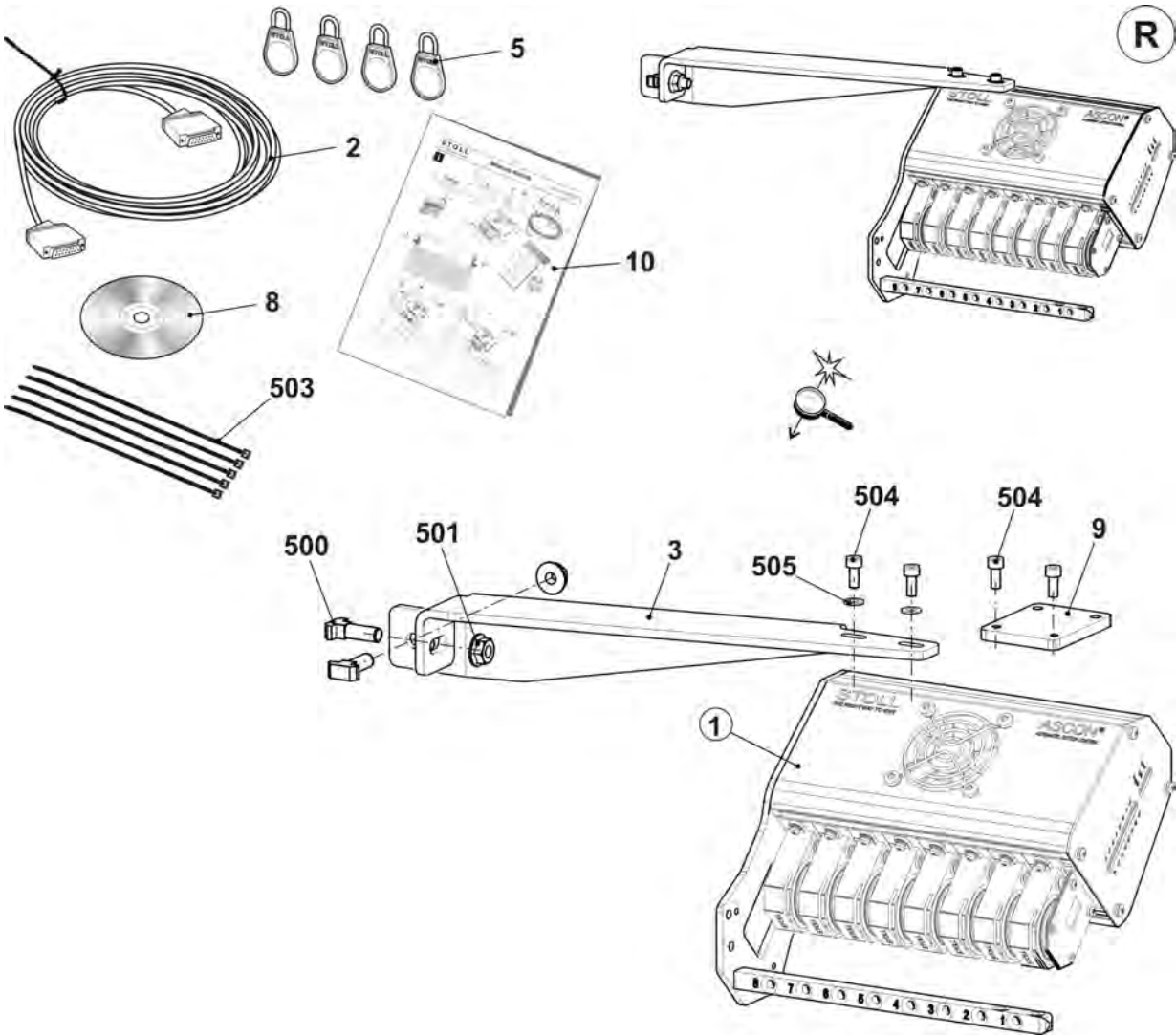
16.8 Carriage of plating yarn carrier (adjustable)

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



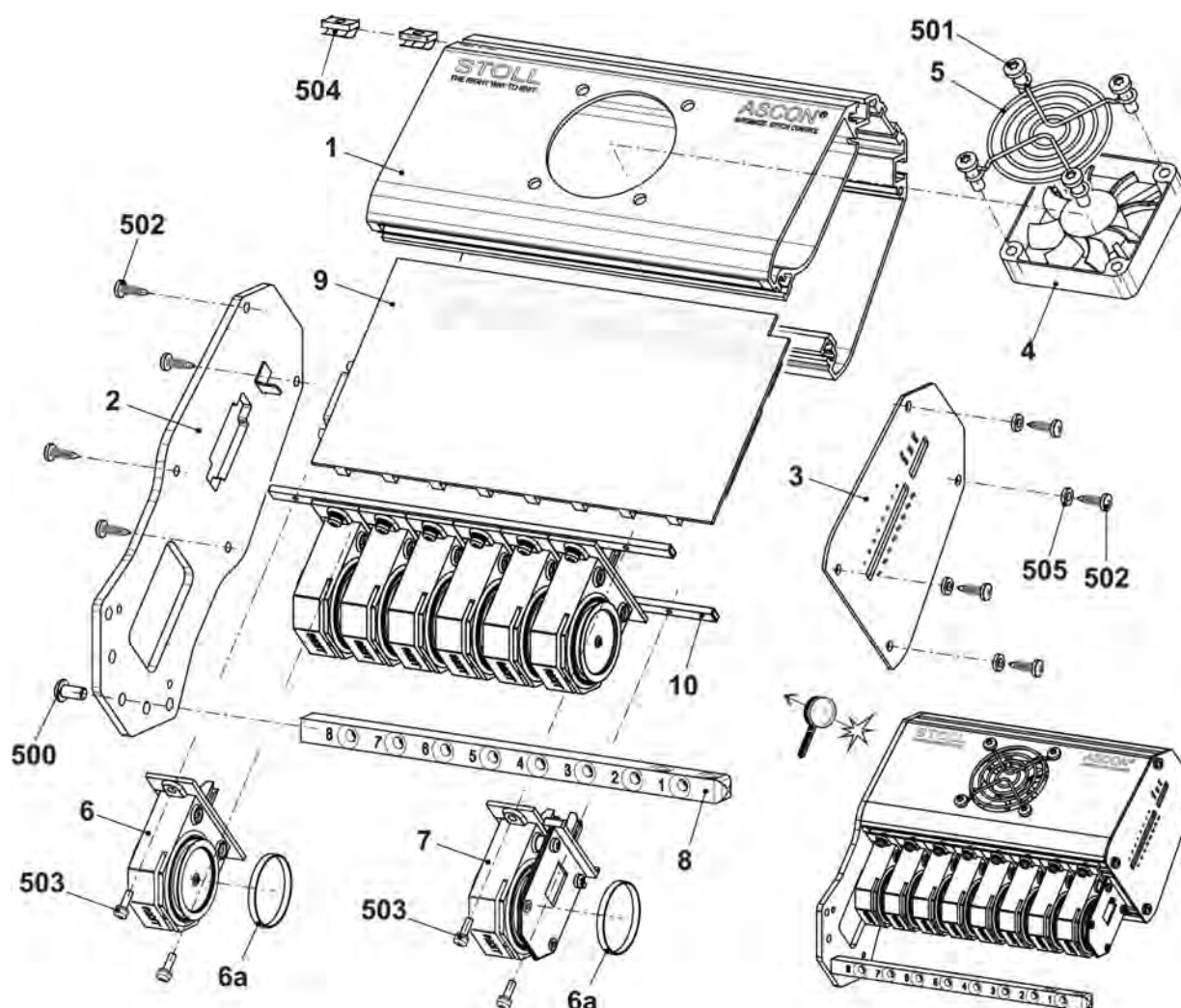
16.9 Yarn length measuring device on the right complete

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



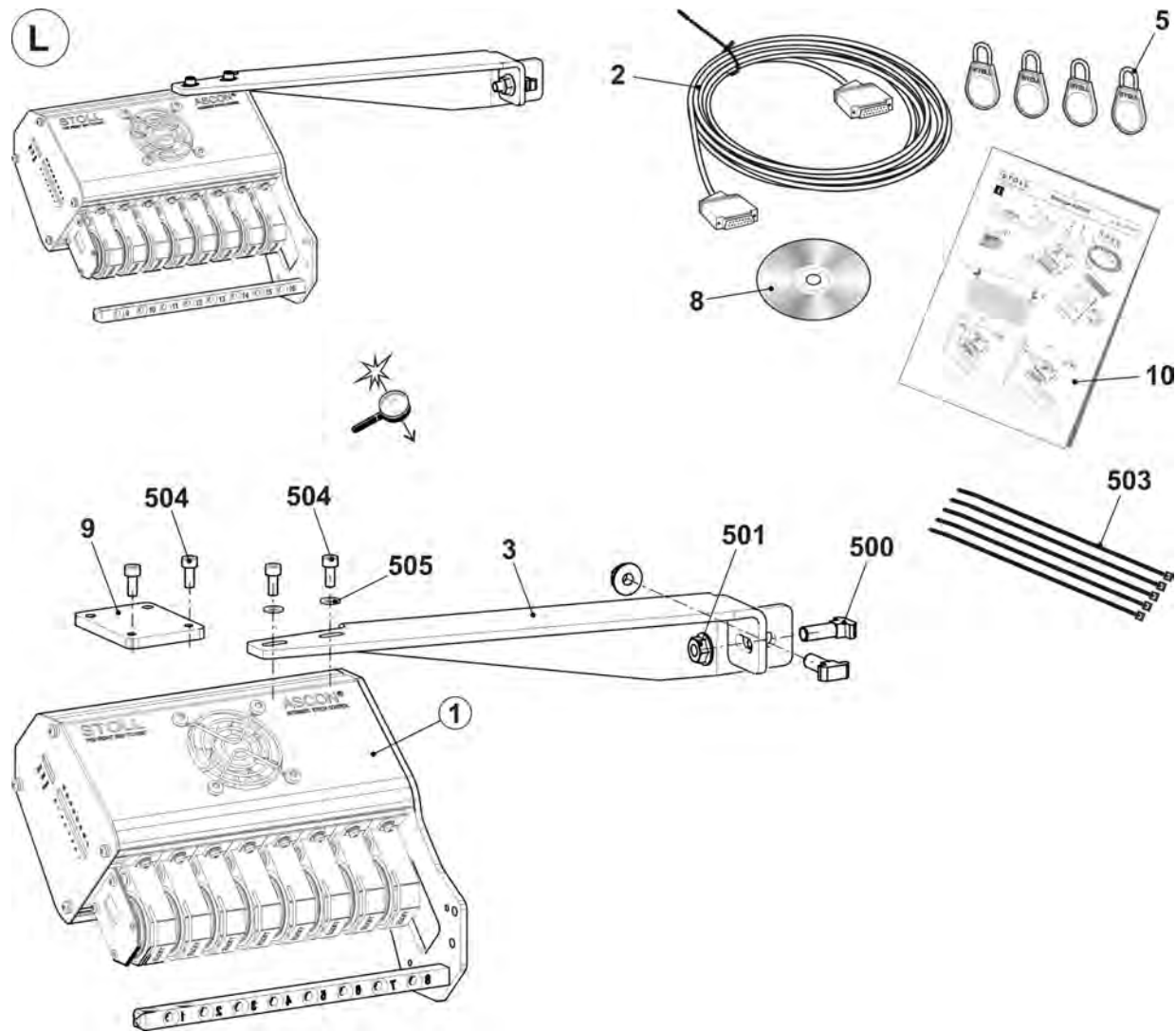
16.9.1 Yarn length measuring device on the right

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



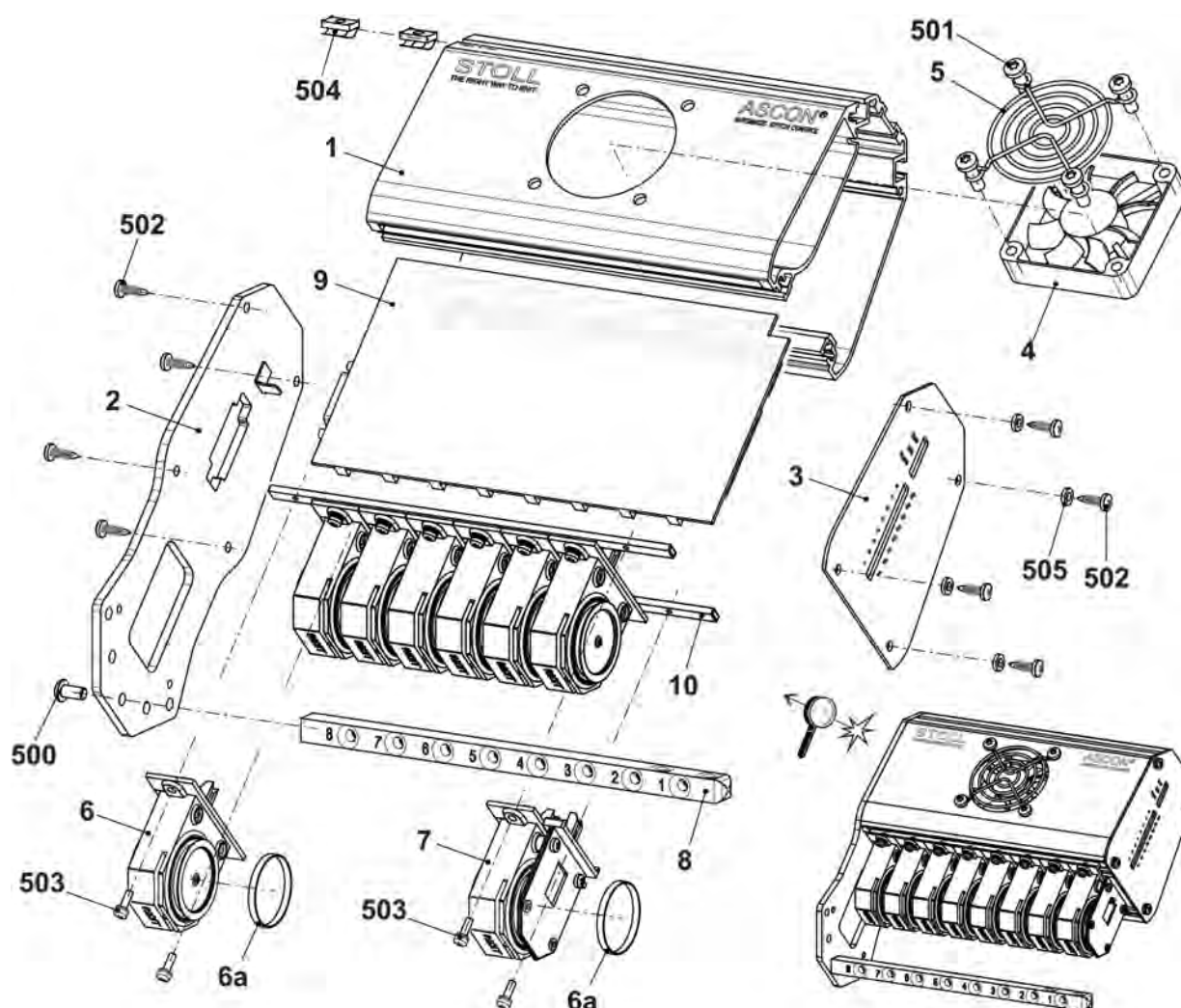
16.10 Yarn length measuring device on the left complete

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



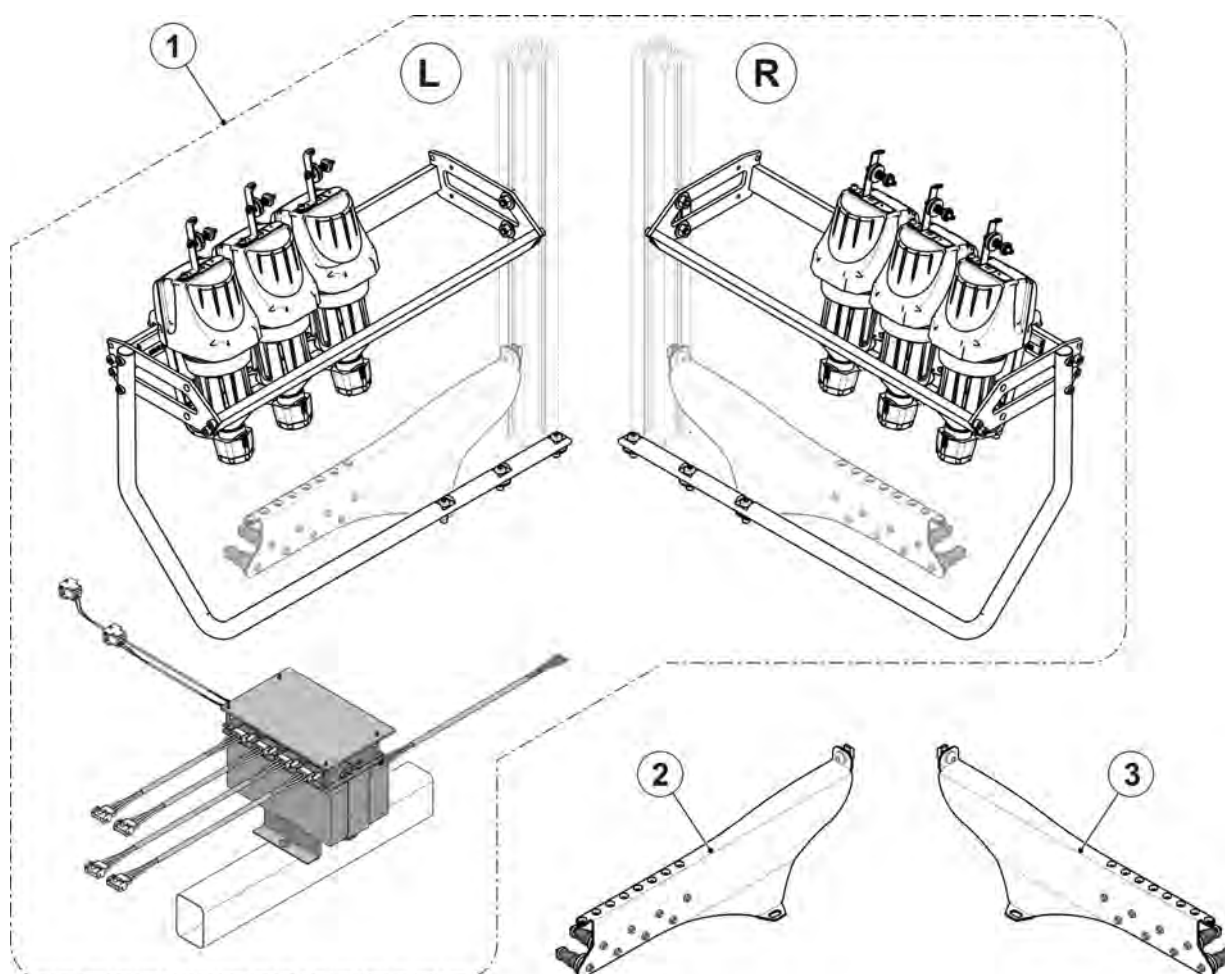
16.10.1 Yarn length measuring device on the right

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



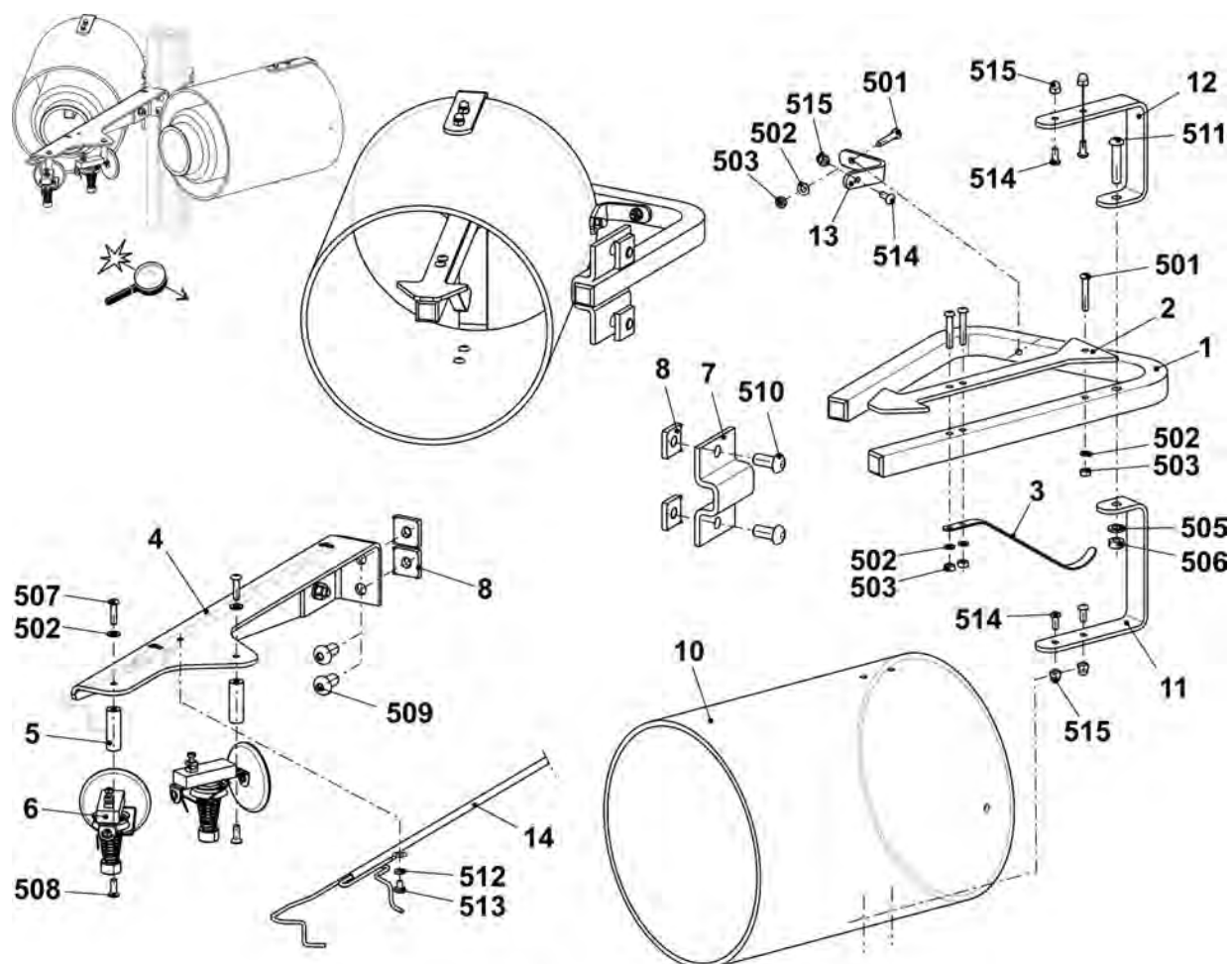
16.11 Storage feed wheel MSF-3 (E3-8)

Pos	Designation	ID	Note
Σ	Storage feed wheel MSF-3 complete E3-8	265 603	Please order the MSF-3 spare parts at: MEMMINGER-IRO GMBH Jakob-Mutz-Strasse 7 D-72280 Dornstetten Phone: +49 (0)7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the MSF-3 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Assembly kit MSF-3 complete	259 575	
2	Stopping device on the left complete E3-8	265 601	
3	Stopping device on the right complete E3-8	265 602	



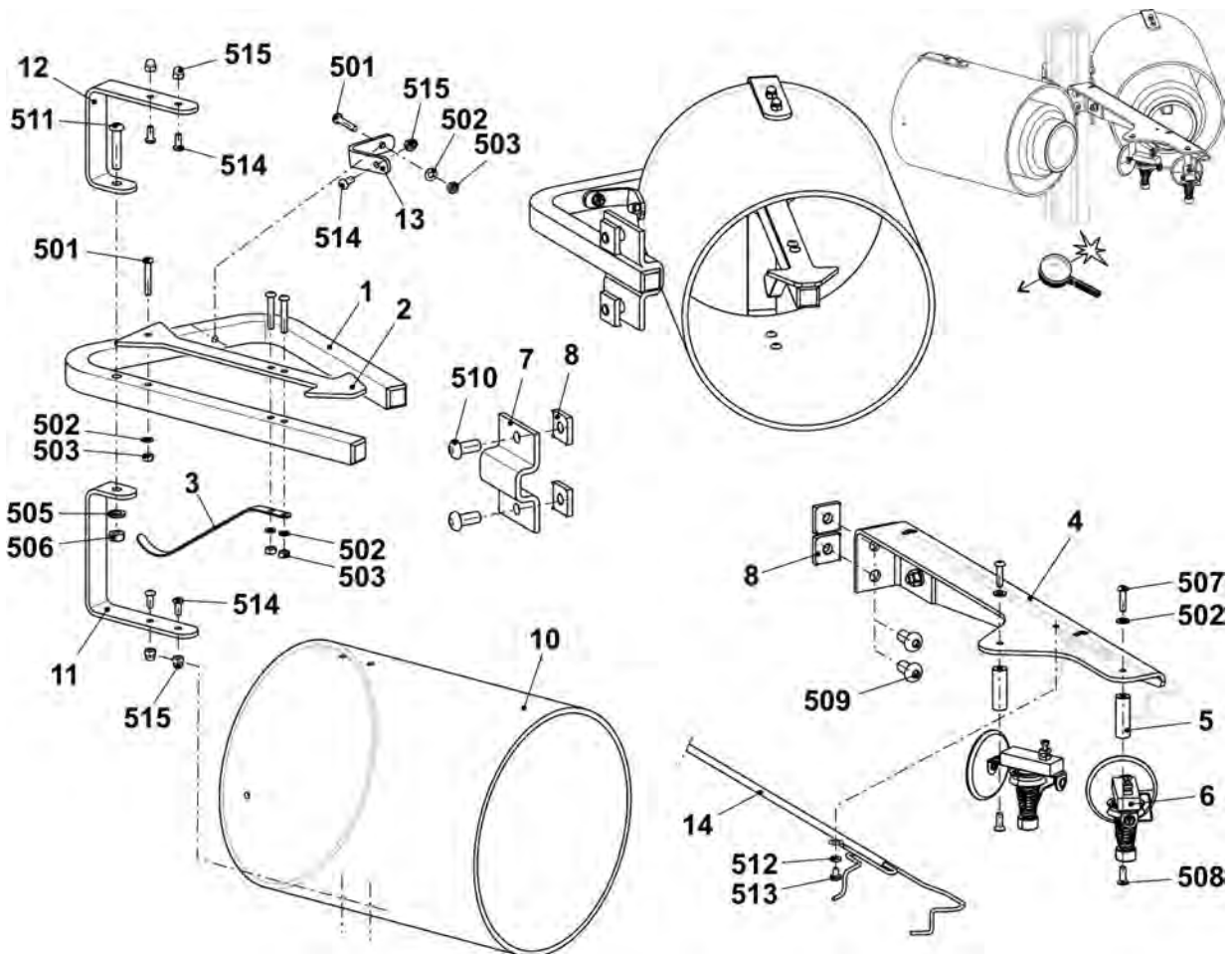
16.12 Bobbin holder on the left

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



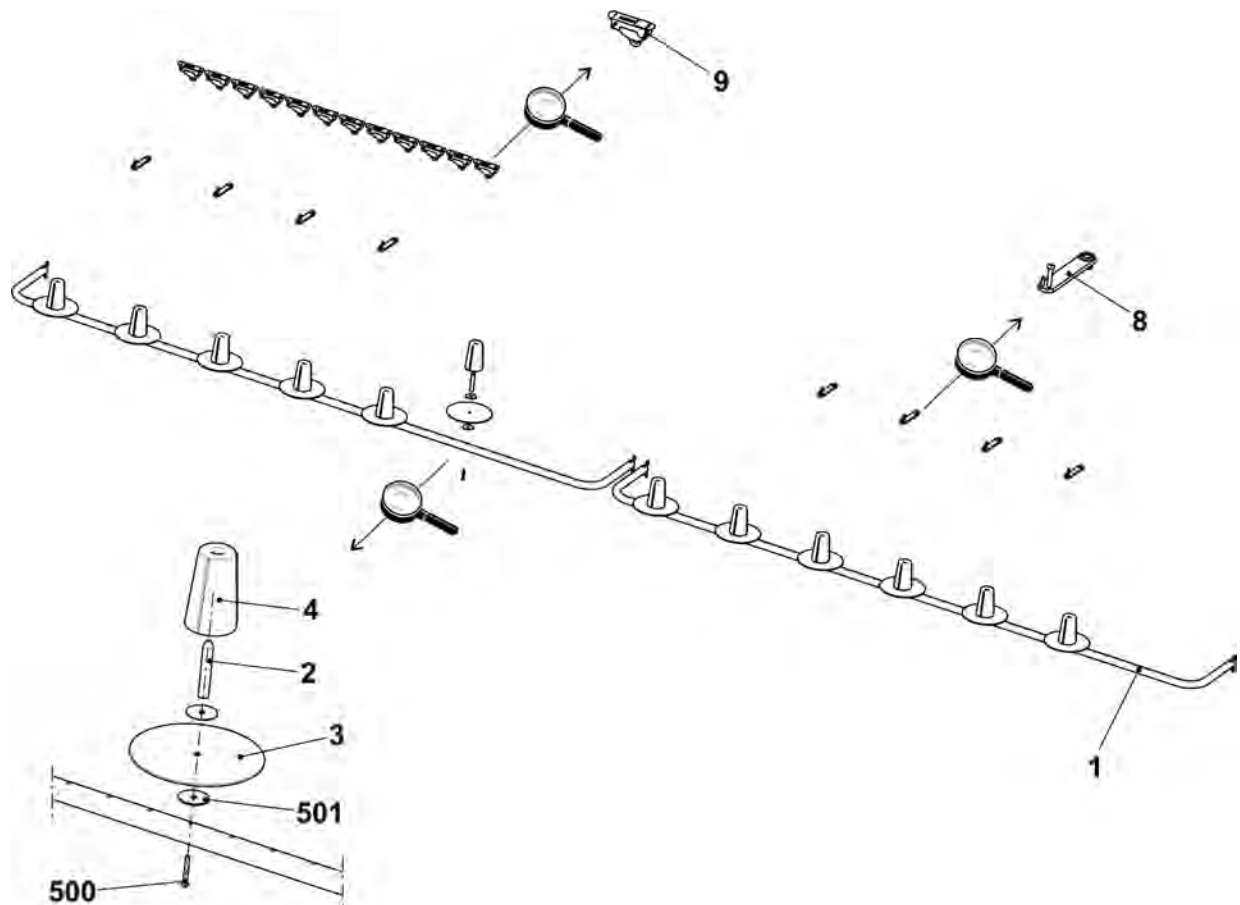
16.13 Bobbin holder on the right

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



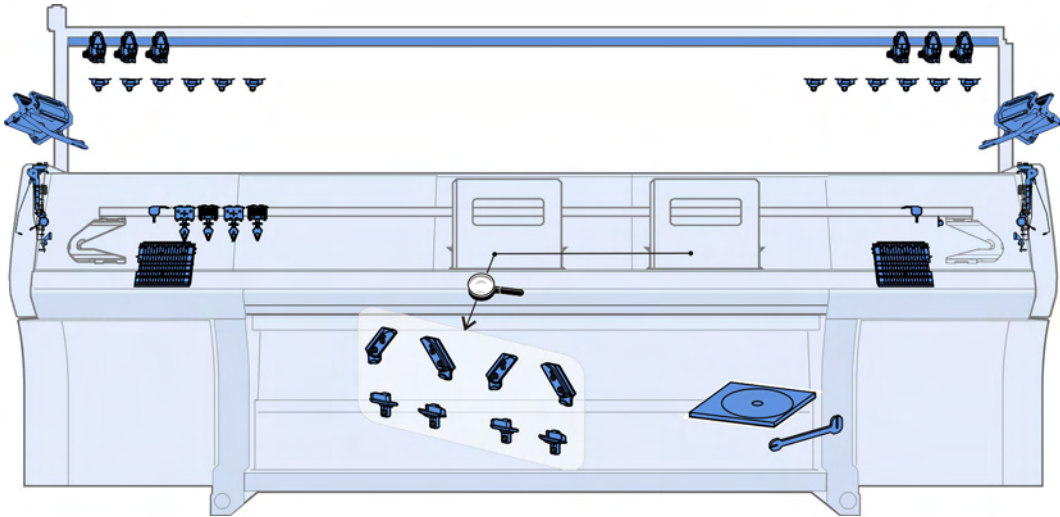
16.14 Additional board at the bottom

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Additional board8XX at the bottom	253 646			
1	Additional bobbin board welded	253 472	8	Yarn guide	243 765
2	Positioning pin	202 777	9	Yarn guide bracket	241 581
3	DiskD=130	062 385	500	Pan-head screw M4x30	023 681
4	Bobbin support	200 363	501	Washer 5,3x30x1,25	023 556



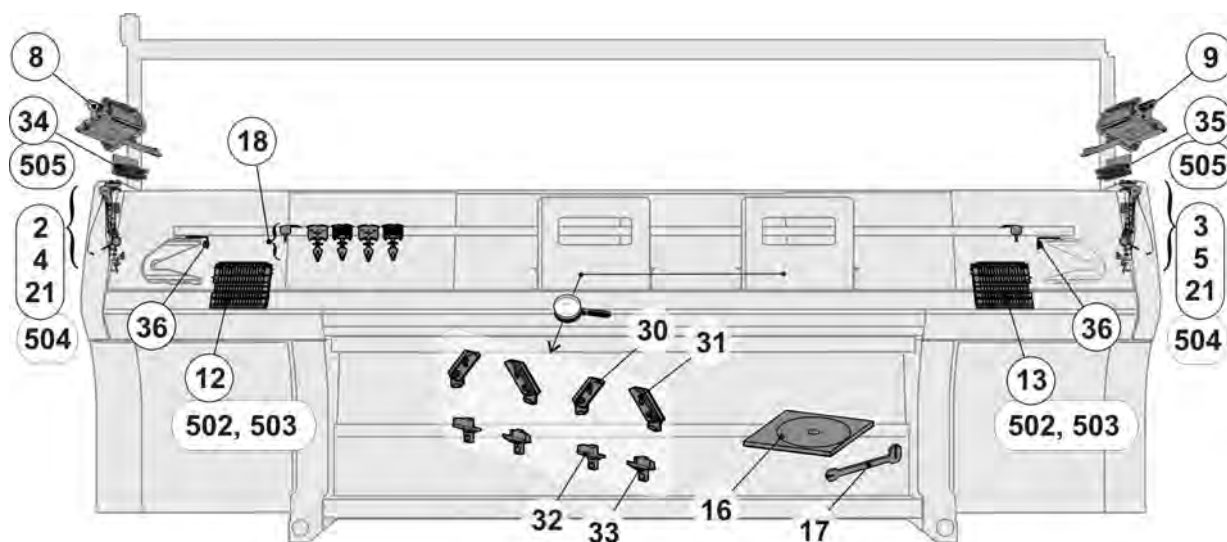
17 Conversion kit with 32 and 24 IFF Type 2

	Designation	ID
24 IFF:	Conversion kit 24 IFF Type 2E5 E2,5.2 E3,5.2 E5.2	257 456
	Conversion kit 24 IFF Type 2E7 E8	257 457
32 IFF:	Conversion kit 16 IFF type 2E5 E2,5.2 E3,5.2 E5.2	256 991
	Conversion kit 16 IFF type 2E7 E8	257 387



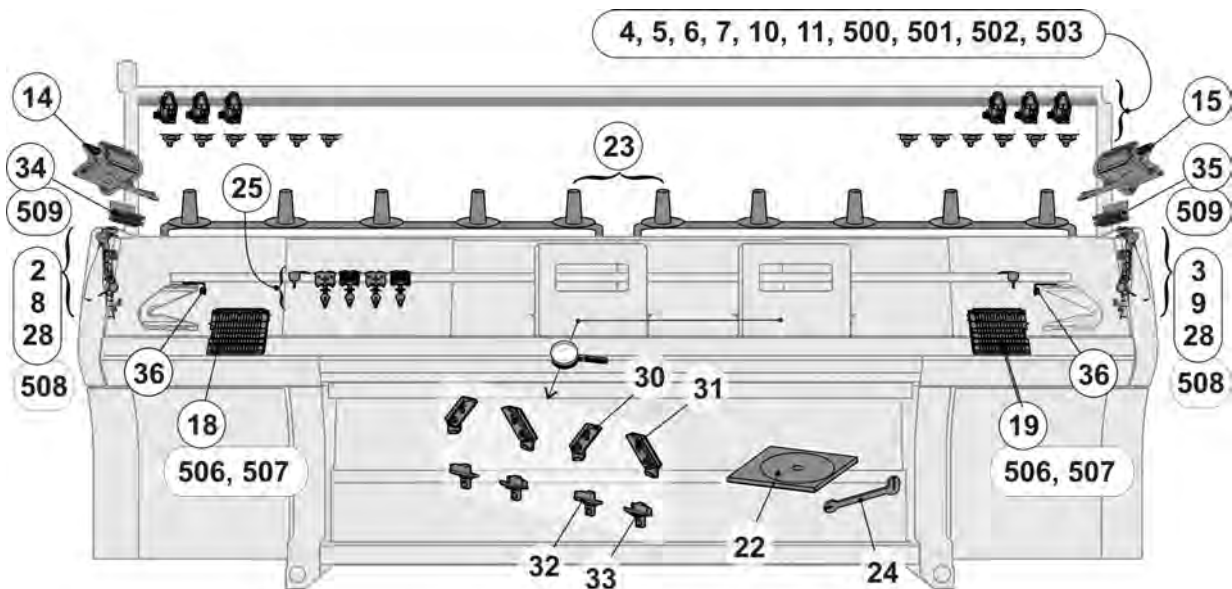
17.1 Overview of conversion kit (24 IFF) E5 | E2,5.2 | E3,5.2 | E5.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Conversion kit 24 IFFE5	257 456	21	Ceramic eyelet	240 640
2	Yarn tensioner on the left complete E5	244 498	30	Stitch cam on the left E5 short tuck	212 130
3	Yarn tensioner on the right complete E5	244 501	31	Stitch cam on the right E5 short tuck	212 129
4	Yarn deflector on the left complete	265 294	32	Pressure part receiving on the left short tuck	240 697
5	Yarn deflector on the right complete	265 381	33	Pressure part receiving on the right short tuck	240 698
8	Friction feed wheel 16 fold on the left complete	244 991	34	Stopping device 16-fold on the left complete E3-8	265 382
9	Friction feed wheel 16 fold on the right complete	244 992	35	Stopping device 16-fold on the right complete E3-8	265 383
12	Left clamping and cutting bed E5-8	253 653	36	Yarn guide bracket complete	259 403
13	Clamping and cutting bed on the right E5-8	253 652	502	Dowel pin 6x16	020 677
16	DVD instructions conversion kit IFF	245 169	503	Screw M6x20	244 824
17	Adjusting part for yarn carrier bow	250 119	504	Screw 6x20	265 379
18	Yarn guide complete E5 IFF 24	256 934	505	Pan-head screw M5x10	023 247



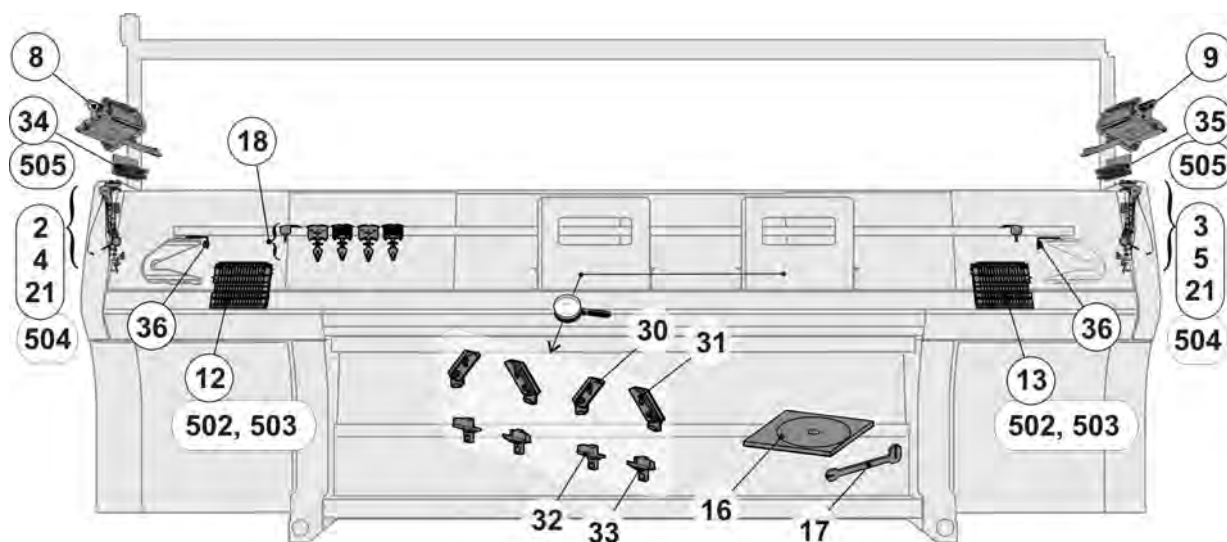
17.2 Overview of conversion kit (24 IFF) E7 | E8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Conversion kit 24 IFF E7-8	257 457			
2	Yarn tensioner on the left complete E7-8	244 499	25	Yarn guide complete E7-8 IFF 24	256 935
3	Yarn tensioner on the right complete E7-8	244 502	28	Ceramic eyelet	240 640
4	Yarn guide bar ⁸⁴	236 932	30	Stitch cam on the left E7-8 short tuck	212 057
5	Support on the left	243 602	31	Stitch cam on the right E7-8 short tuck	212 056
6	Support on the right	243 603	32	Pressure part receiving on the left short tuck	240 697
7	Straps	239 295	33	Pressure part receiving on the right short tuck	240 698
8	Yarn deflector on the left complete	265 294	34	Stopping device 16-fold on the left complete E3-8	265 382
9	Yarn deflector on the right complete	265 381	35	Stopping device 16-fold on the right complete E3-8	265 383
10	Yarn control unit	237 124	36	Yarn guide bracket complete	259 403
11	Yarn guide bracket complete	241 581	500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991	501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992	502	Square nut M8	023 269
18	Left clamping and cutting bed E5-8	253 653	503	Pan-head screw M8x16	023 113
19	Clamping and cutting bed on the right E5-8	253 652	506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169	507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928	508	Screw 6x20	265 379
24	Adjusting part for yarn carrier bow	250 119	509	Pan-head screw M5x10	023 247



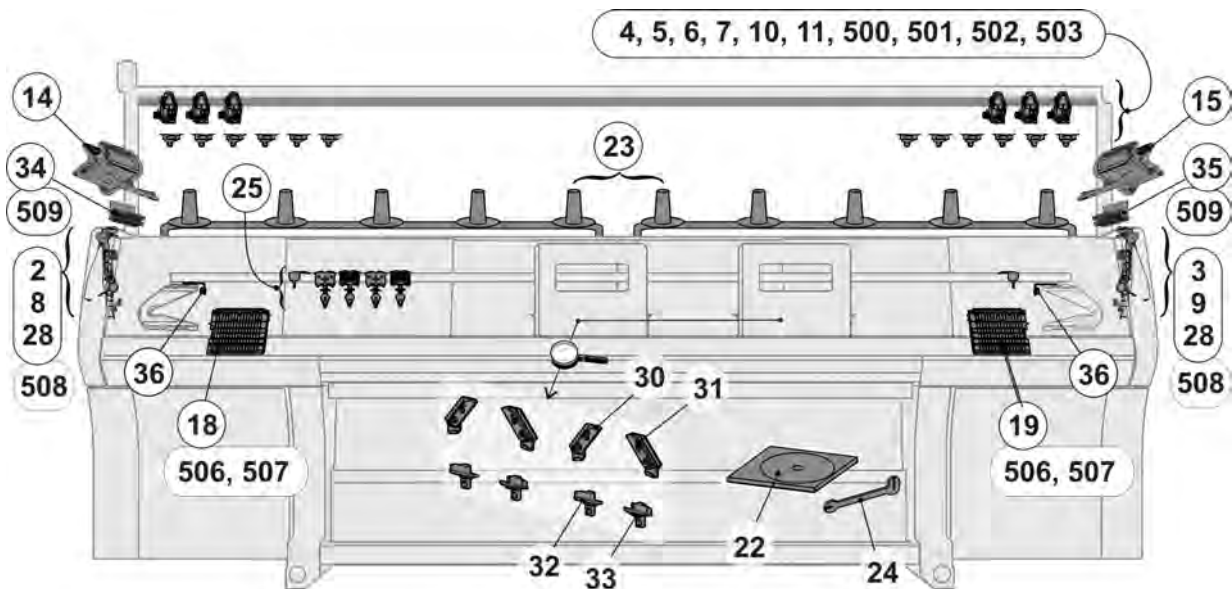
17.3 Overview of conversion kit (32 IFF) E5 | E2,5.2 | E3,5.2 | E5.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Conversion kit 32 IFF E5	256 991	21	Ceramic eyelet	240 640
2	Yarn tensioner on the left complete E5	244 498	30	Stitch cam on the left E5 short tuck	212 130
3	Yarn tensioner on the right complete E5	244 501	31	Stitch cam on the right E5 short tuck	212 129
4	Yarn deflector on the left complete	265 294	32	Pressure part receiving on the left short tuck	240 697
5	Yarn deflector on the right complete	265 381	33	Pressure part receiving on the right short tuck	240 698
8	Friction feed wheel 16 fold on the left complete	244 991	34	Stopping device 16-fold on the left complete E3-8	265 382
9	Friction feed wheel 16 fold on the right complete	244 992	35	Stopping device 16-fold on the right complete E3-8	265 383
12	Left clamping and cutting bed E5-8	253 653	36	Yarn guide bracket complete	259 403
13	Clamping and cutting bed on the right E5-8	253 652	502	Dowel pin 6x16	020 677
16	DVD instructions conversion kit IFF	245 169	503	Screw M6x20	244 824
17	Adjusting part for yarn carrier bow	250 119	504	Screw KB60x20	237 682
18	Yarn guide complete IFF E5	245 161	505	Pan-head screw M5x10	023 247



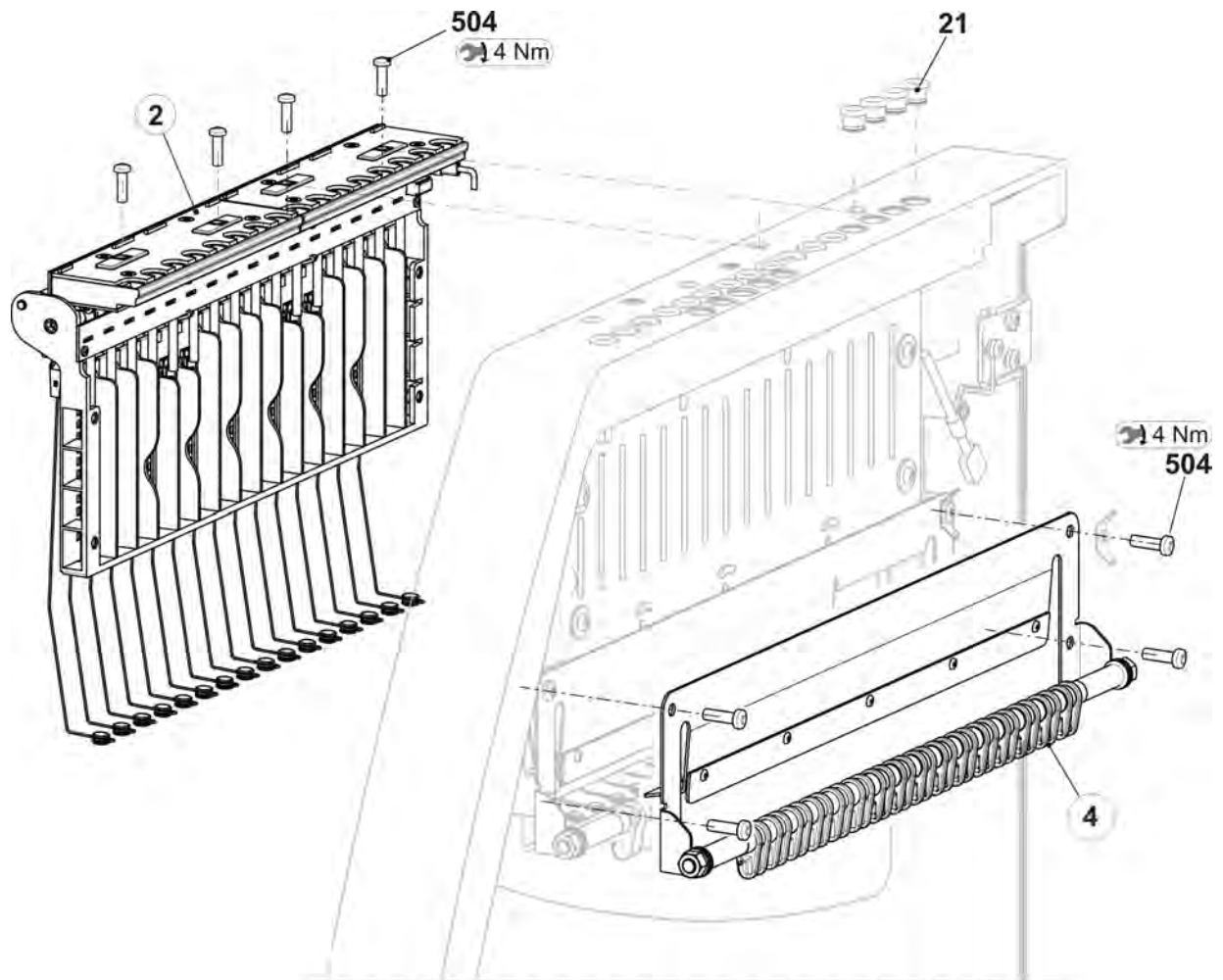
17.4 Overview of conversion kit (32 IFF) E7 | E8

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Conversion kit 32 IFF E7-8	257 387			
2	Yarn tensioner on the left complete E7-8	244 499	25	Yarn guide complete E7-8 IFF 24	256 935
3	Yarn tensioner on the right complete E7-8	244 502	28	Ceramic eyelet	240 640
4	Yarn guide bar ⁸⁴	236 932	30	Stitch cam on the left E7-8 short tuck	212 057
5	Support on the left	243 602	31	Stitch cam on the right E7-8 short tuck	212 056
6	Support on the right	243 603	32	Pressure part receiving on the left short tuck	240 697
7	Straps	239 295	33	Pressure part receiving on the right short tuck	240 698
8	Yarn deflector on the left complete	265 294	34	Stopping device 16-fold on the left complete E3-8	265 382
9	Yarn deflector on the right complete	265 381	35	Stopping device 16-fold on the right complete E3-8	265 383
10	Yarn control unit	237 124	36	Yarn guide bracket complete	259 403
11	Yarn guide bracket complete	241 581	500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991	501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992	502	Square nut M8	023 269
18	Left clamping and cutting bed E5-8	253 653	503	Pan-head screw M8x16	023 113
19	Clamping and cutting bed on the right E5-8	253 652	506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169	507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928	508	Screw 6x20	265 379
24	Adjusting part for yarn carrier bow	250 119	509	Pan-head screw M5x10	023 247



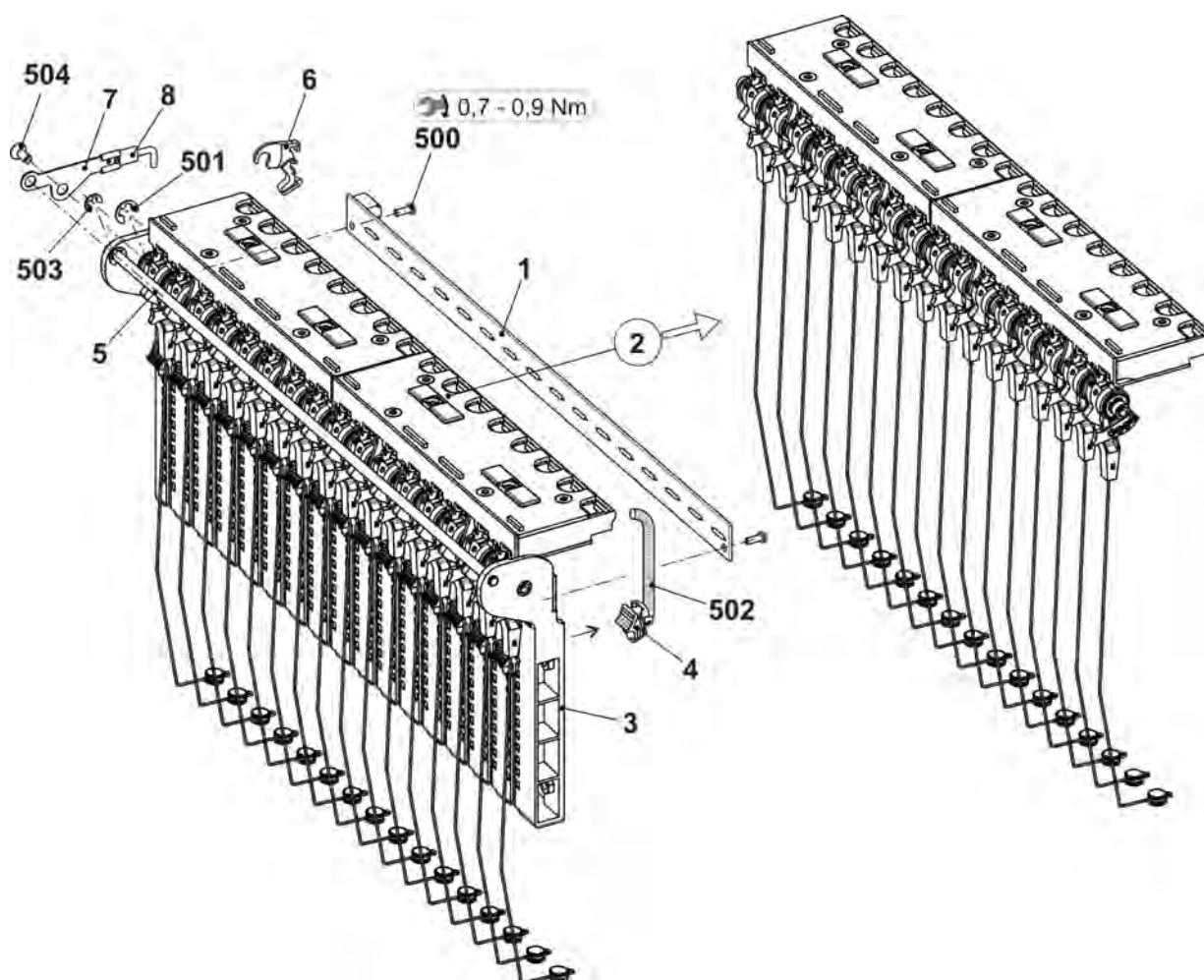
17.5 Parts for the left safety door

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the left complete		4	Yarn deflector on the left complete	265 294
	E5 E2,5.2 E3,5.2 E5.2	244 498	21	Ceramic eyelet	240 640
	E7 8	244 498	504	Screw 6x20	265 379



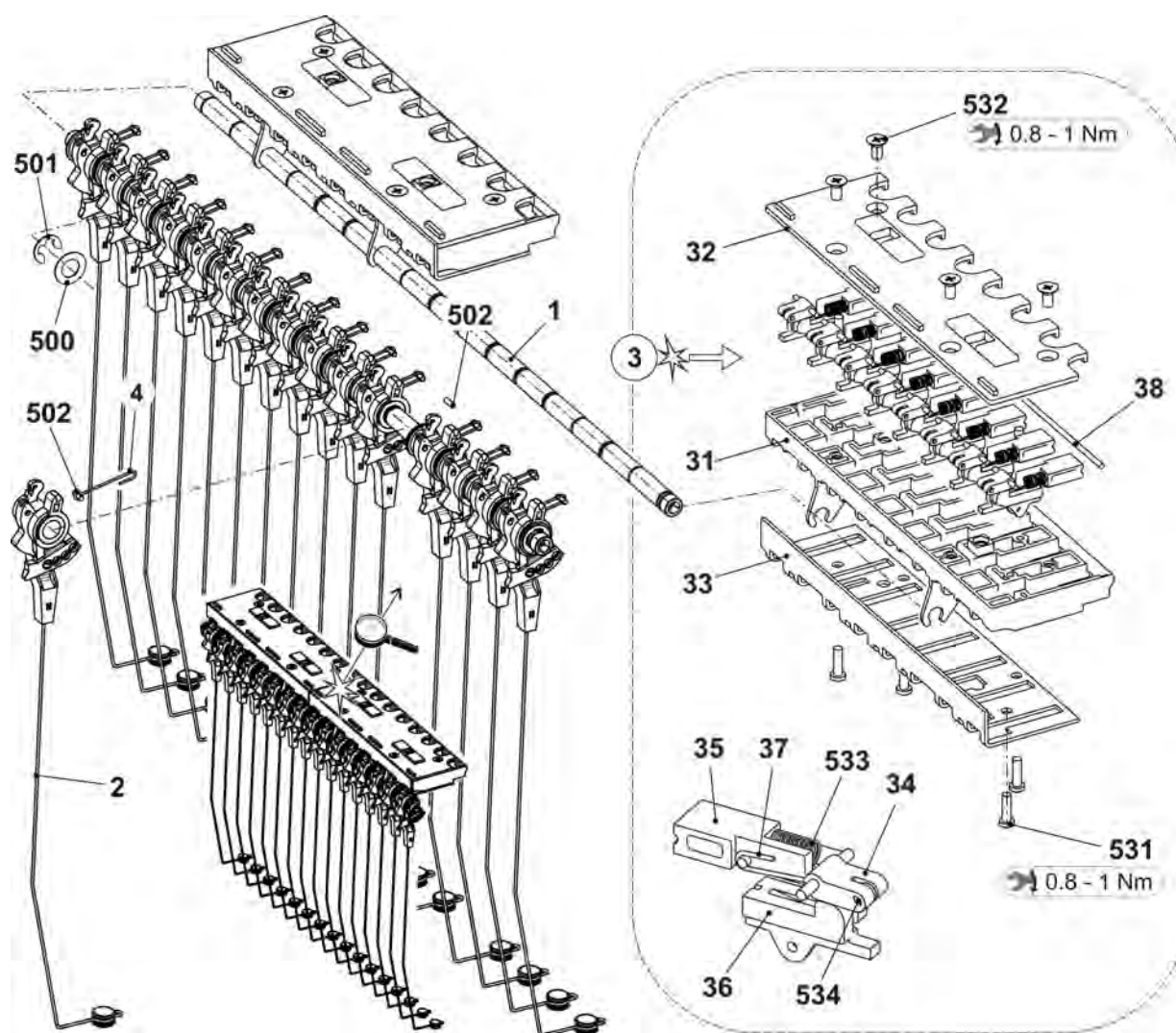
17.5.1 Yarn tensioner on the left

Pos	Designation	Id. no.	Pos	Designation	Id. no.
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 complete E3-8	244 494	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E3-5)	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 (E7-8)	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



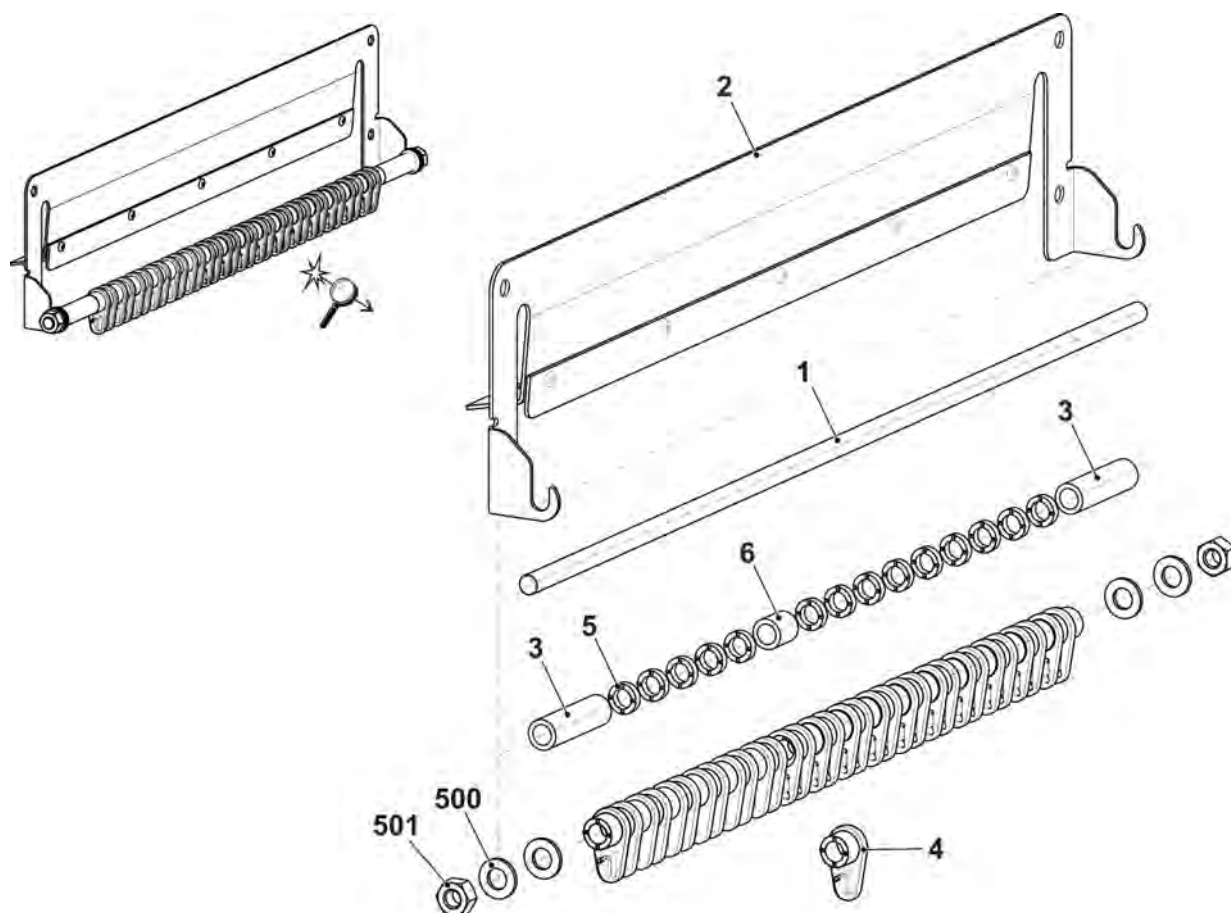
17.5.1.1 Tension axle

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



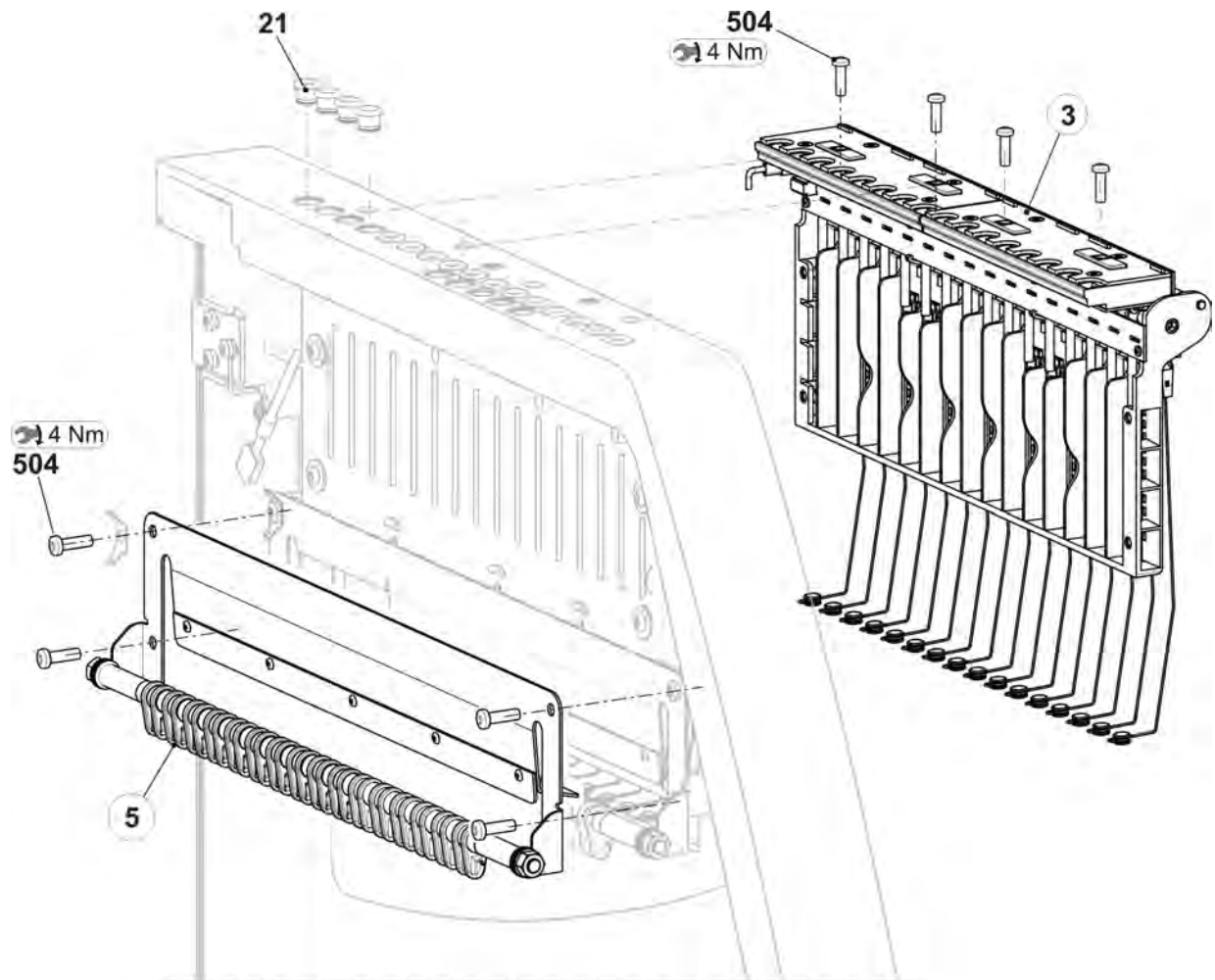
17.5.2 Yarn deflector on the left

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



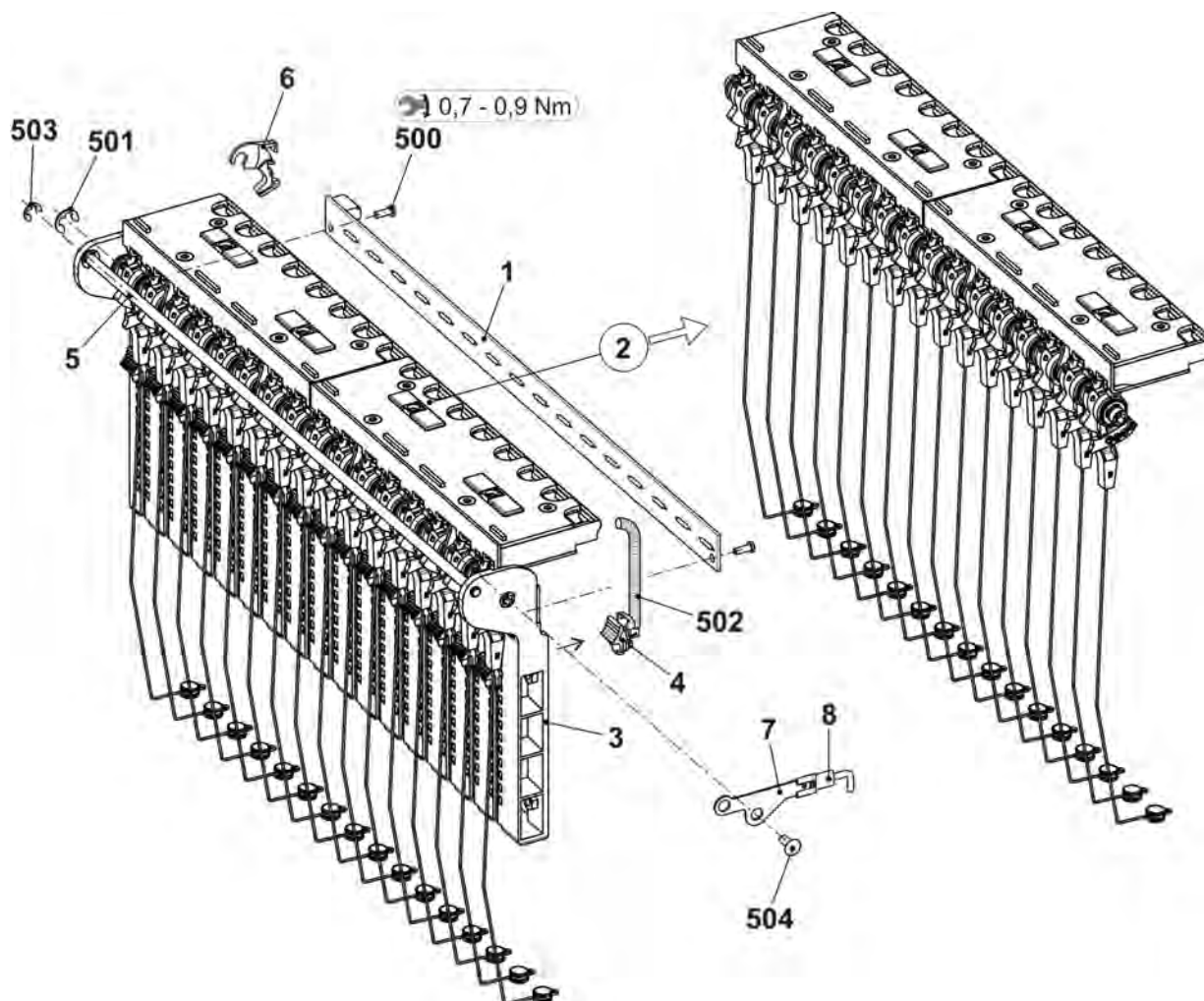
17.6 Parts for the right safety door right

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the right complete		5	Yarn deflector on the right complete	265 381
	E5 E2,5.2 E3,5.2 E5.2	244 501	21	Ceramic eyelet	240 640
	E7 8	244 502	504	Screw 6x20	265 379



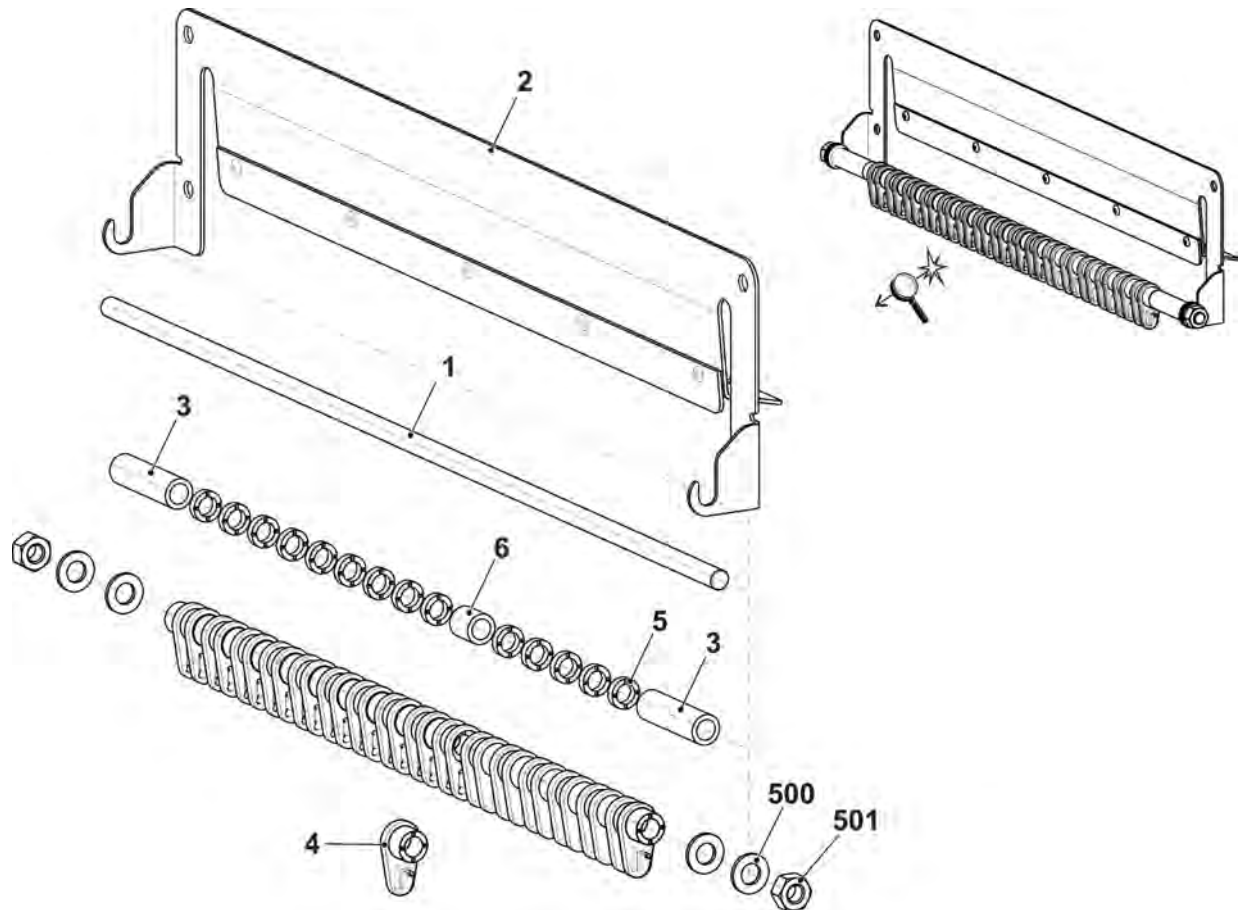
17.6.1 Yarn tensioner on the right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
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 complete E3-8	244 494	501	Circlip	021 022
3	Housing	241 367	502	Tension spring 5,05x0,55x53 (E3-5)	023 502
4	Slider	241 694		Tension spring 4,9x0,5x53 (E7-8)	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



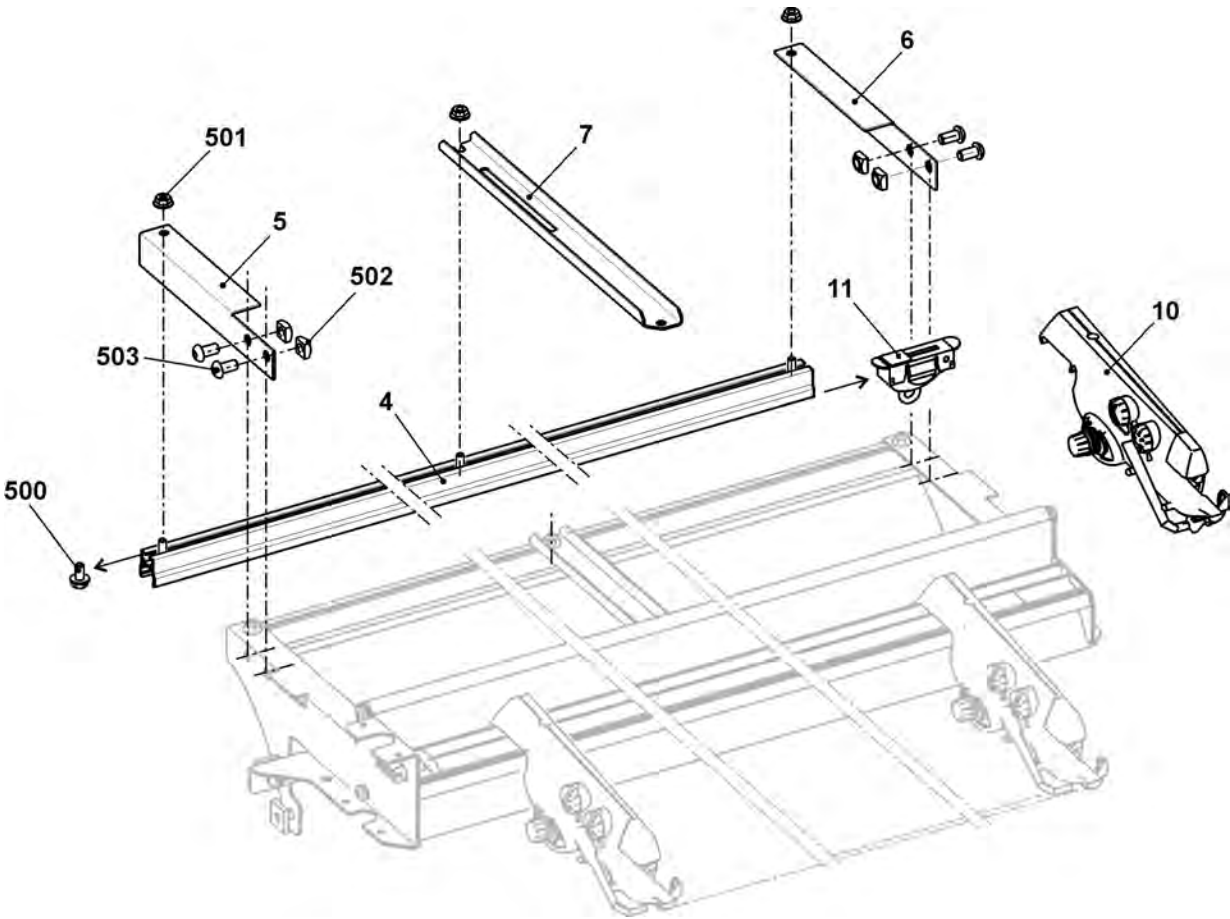
17.6.2 Yarn deflector on the right complete

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



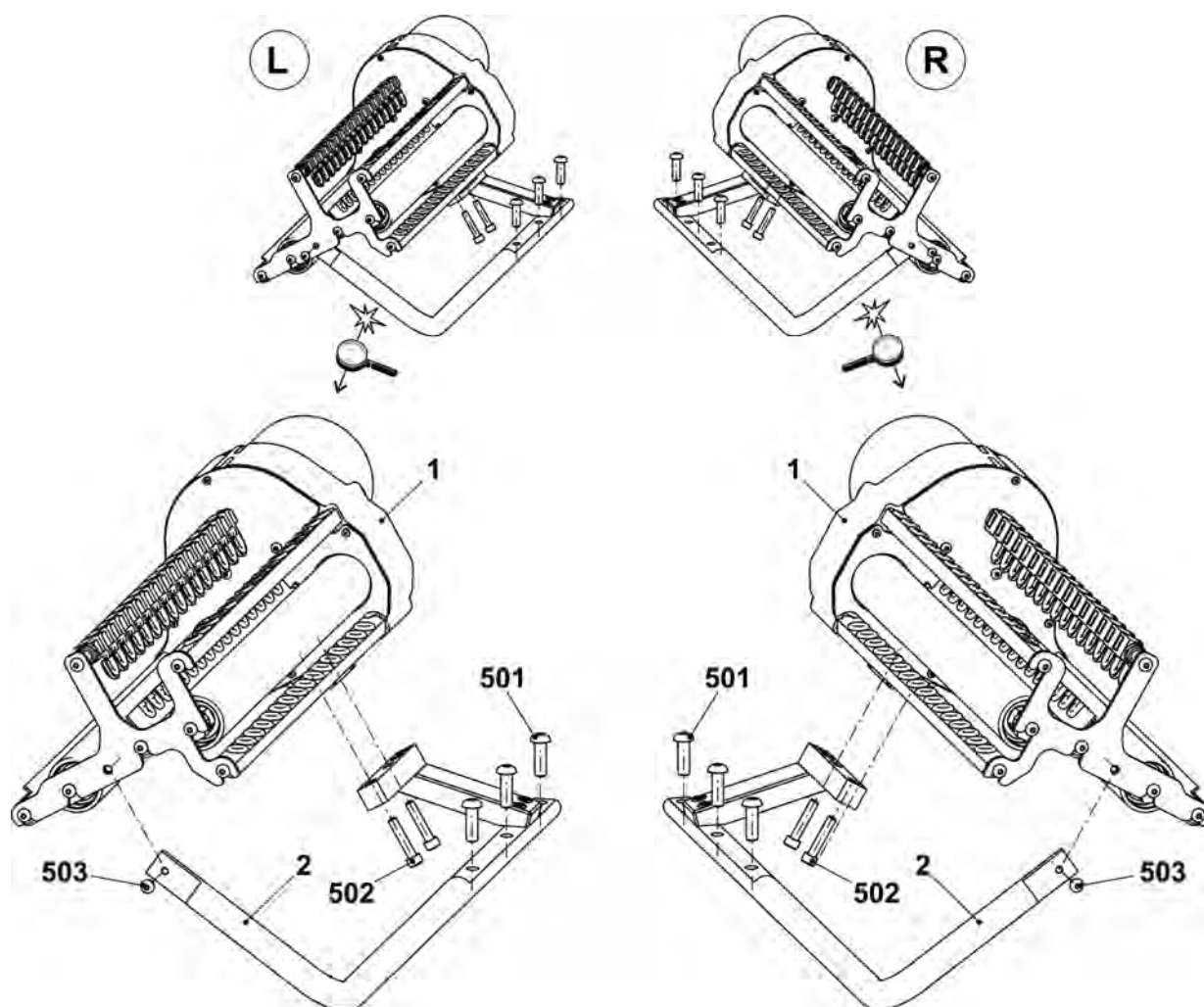
17.7 Parts for the yarn guide system

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide device				
4	Yarn guide bar84"	236 932	11	Yarn guide bracket complete	241 581
5	Support on the left	243 602	500	Self-locking screw M6x12	023 415
6	Support on the right	243 603	501	Serrated nut M6-10	023 414
7	Straps	239 295	502	Square nut M8	023 269
10	Yarn control unit	237 124	503	Pan-head screw M8x16	023 113



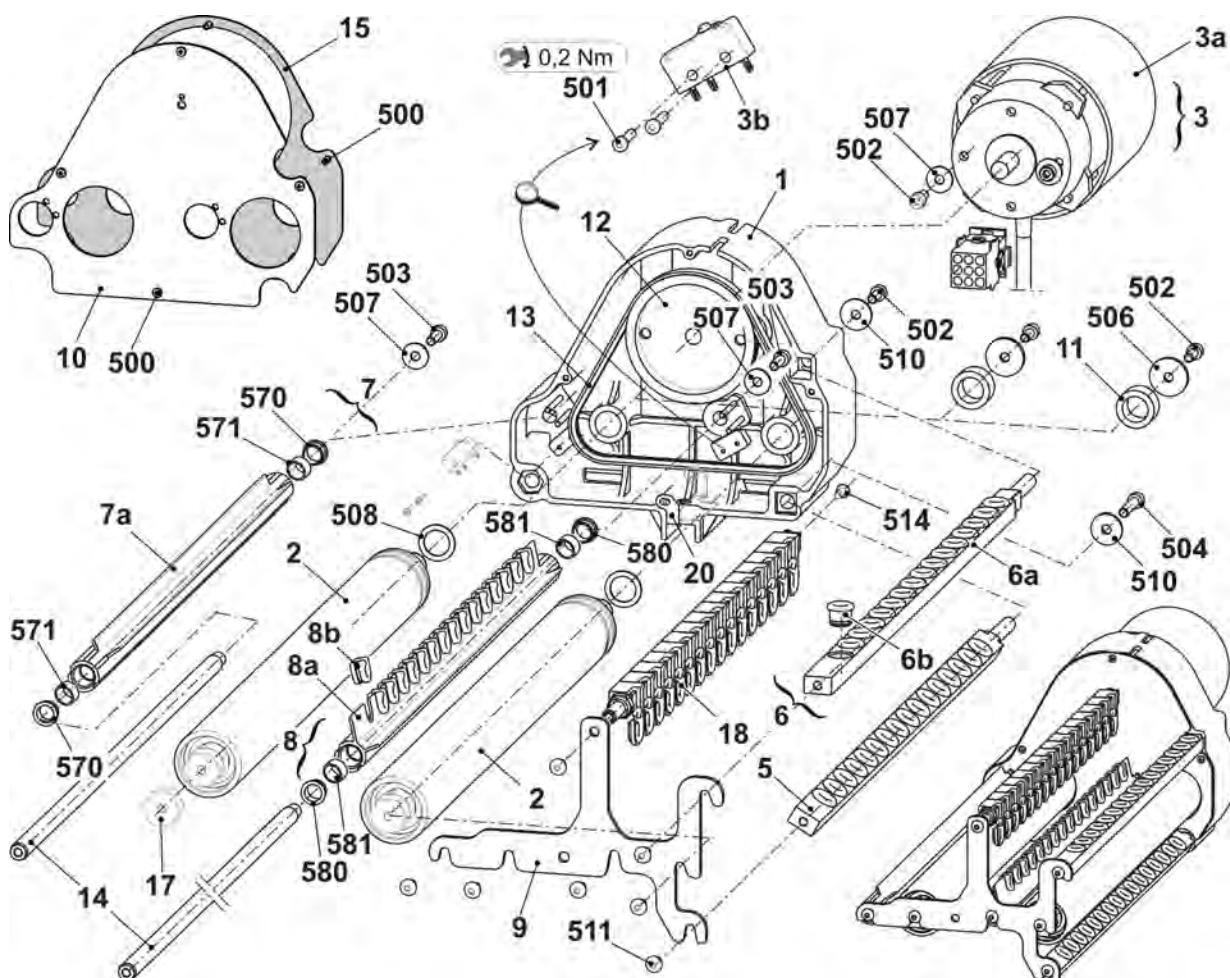
17.8 Friction feed wheel on the left and on the right complete

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



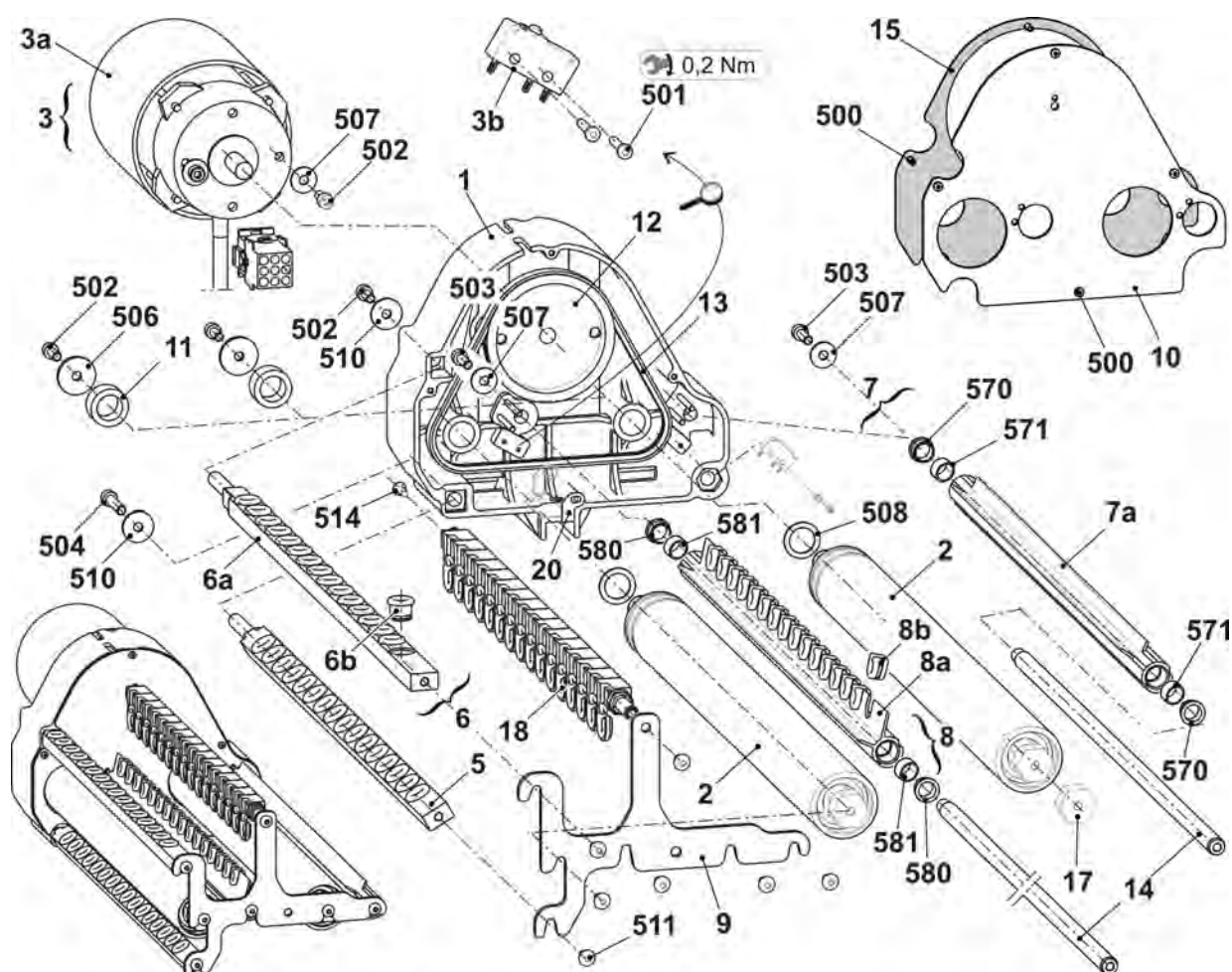
17.8.1 Friction feed wheel on the left

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



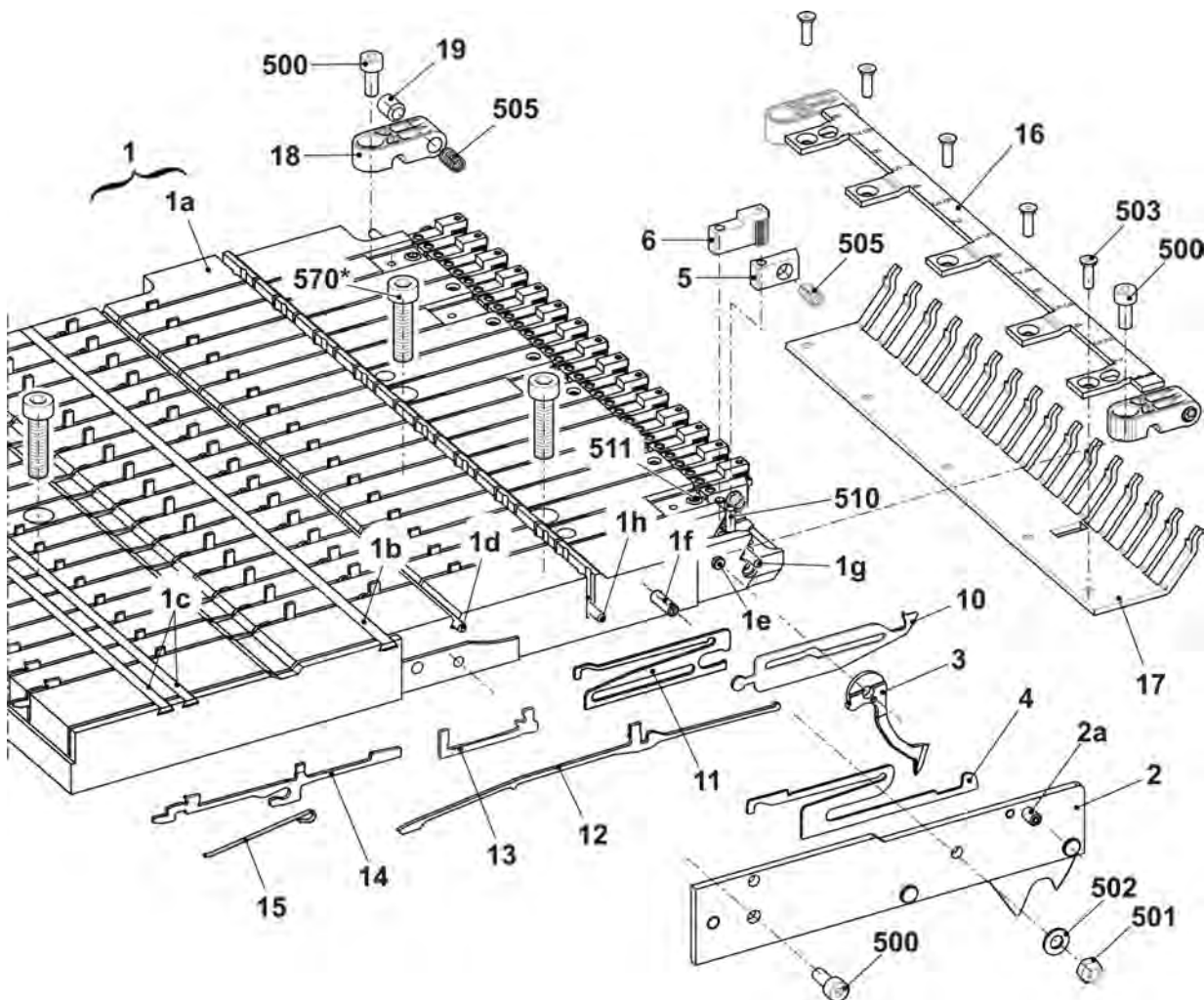
17.8.2 Friction feed wheel on the right

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



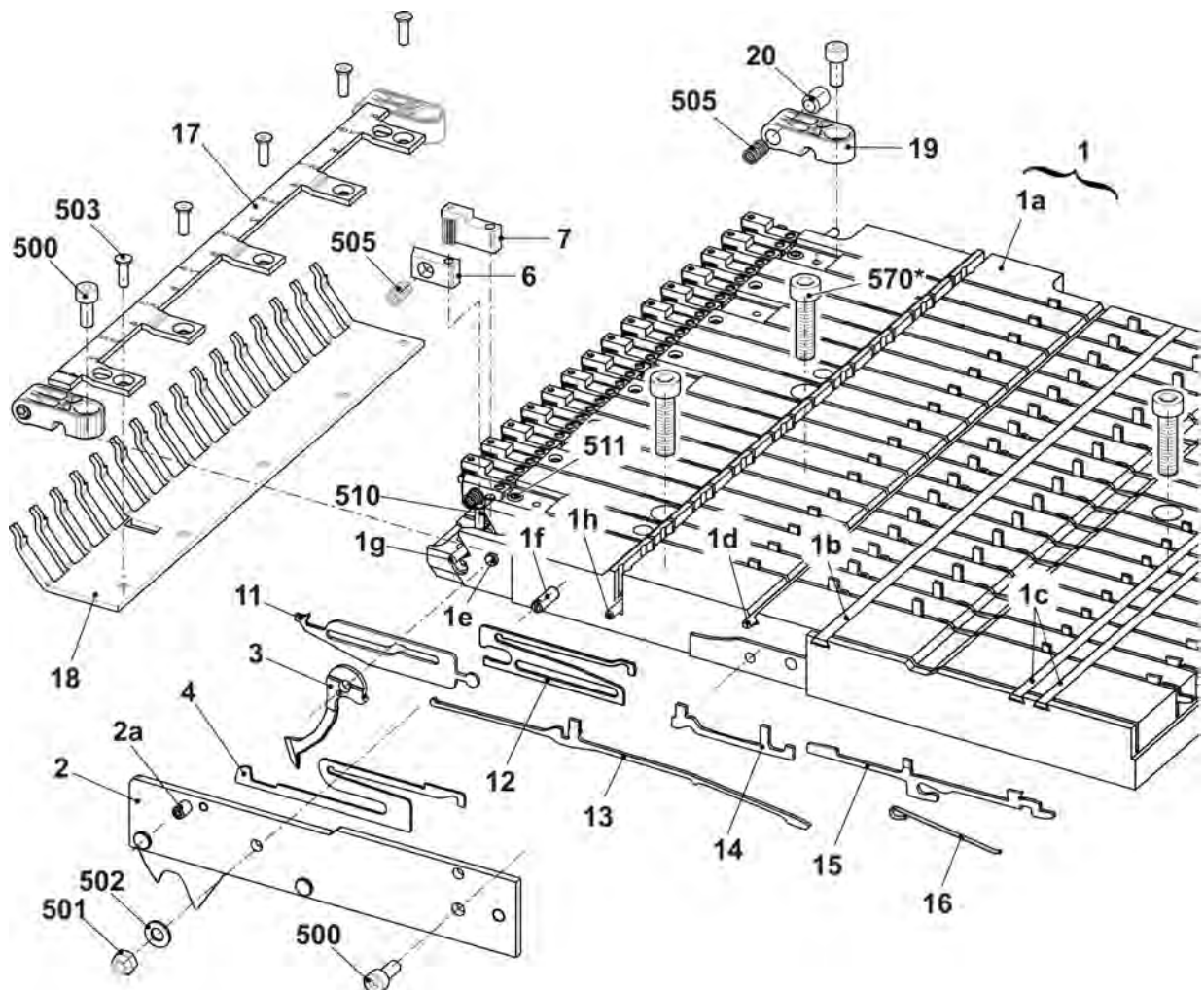
17.9 Left clamping and cutting bed

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



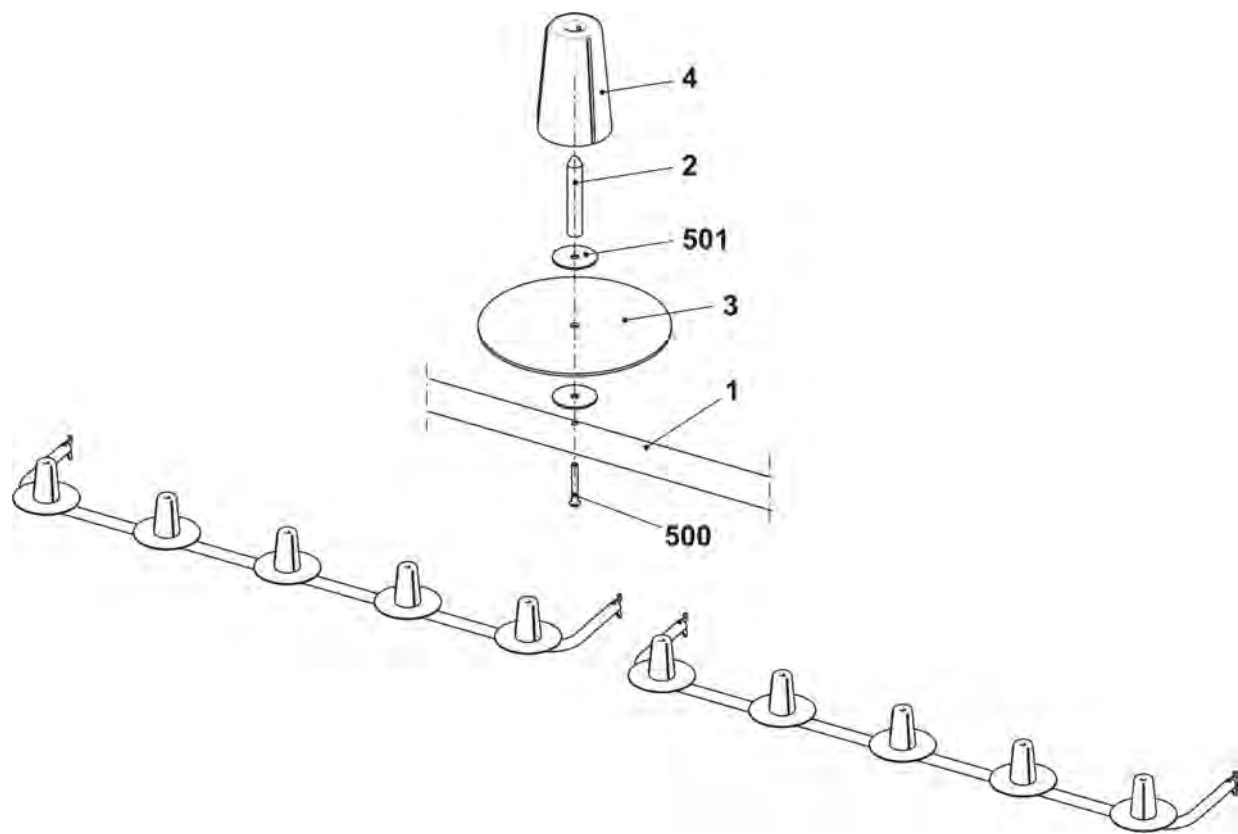
17.10 Clamping and cutting bed on the right

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



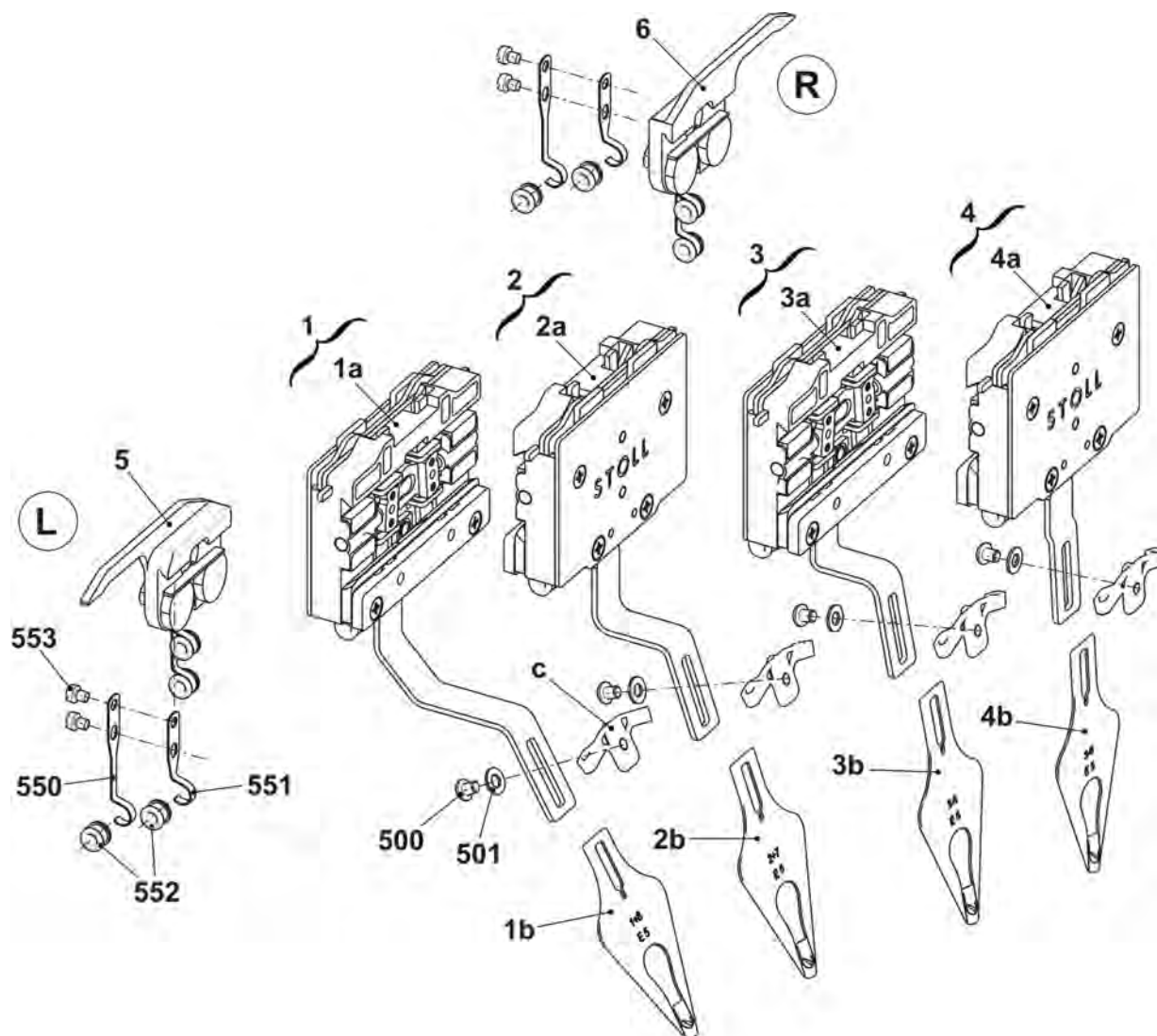
17.11 Additional bobbin board

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Additional bobbin board 7XX/8XX	241 928			
1	Additional bobbin board welded	241 927	4	Bobbin support	200 363
2	Positioning pin	202 777	500	Pan-head screw M4x30	023 681
3	DiskD=130	062 385	501	Washer 5,3x30x1,25	023 556



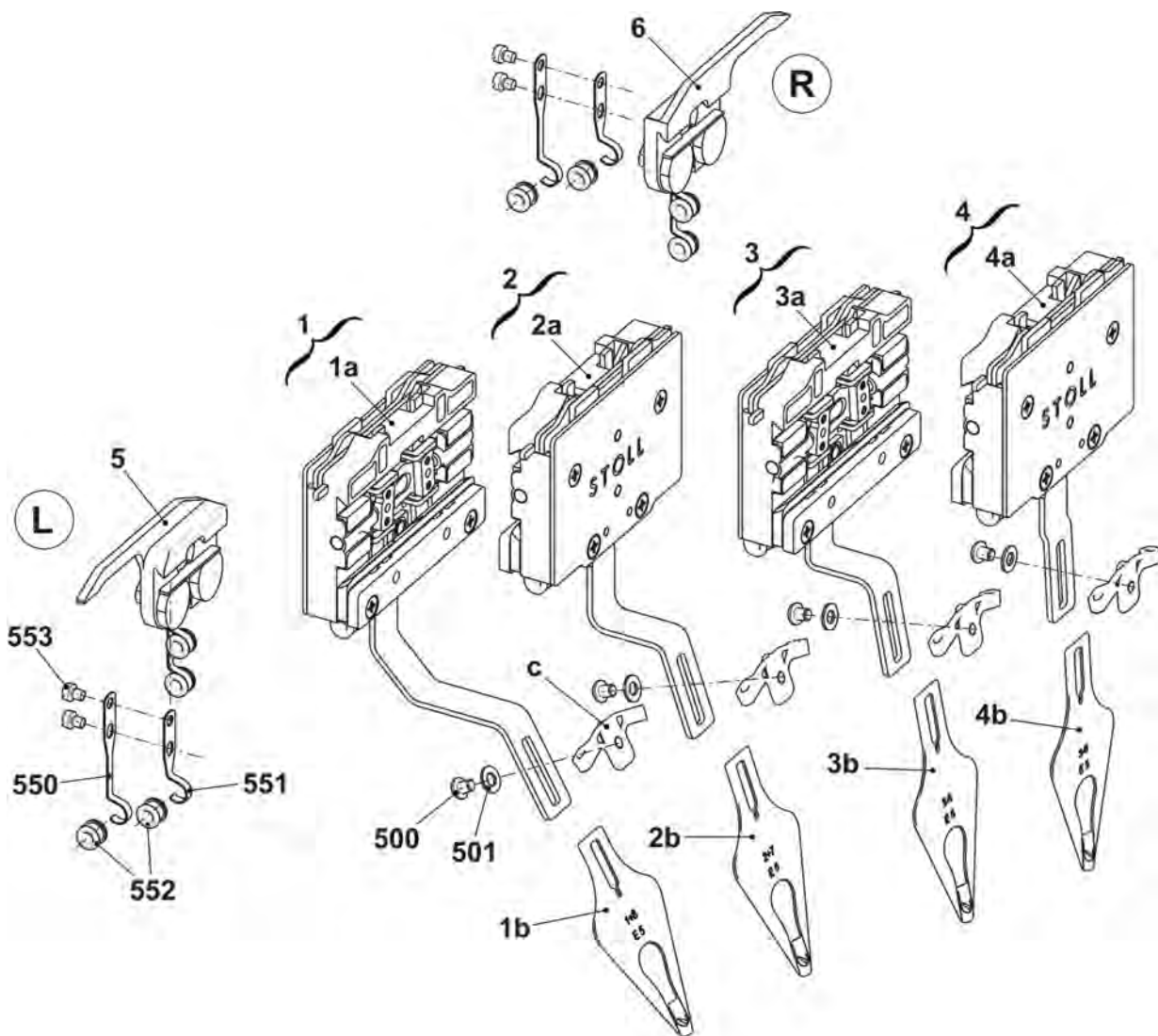
17.12 Yarn guide complete IFF E5 | E2.5.2 | E3.5.2 | E5.2

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			



17.13 Yarn guide complete IFF E7 | E8

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



17.14 Stopping device

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

