

Spare-parts catalog

CMS 520 (Type 620)

Component type 002

E10|E12|E14|E16|E18|E6.2(12m.10)|E6.2|E7.2|E8.2

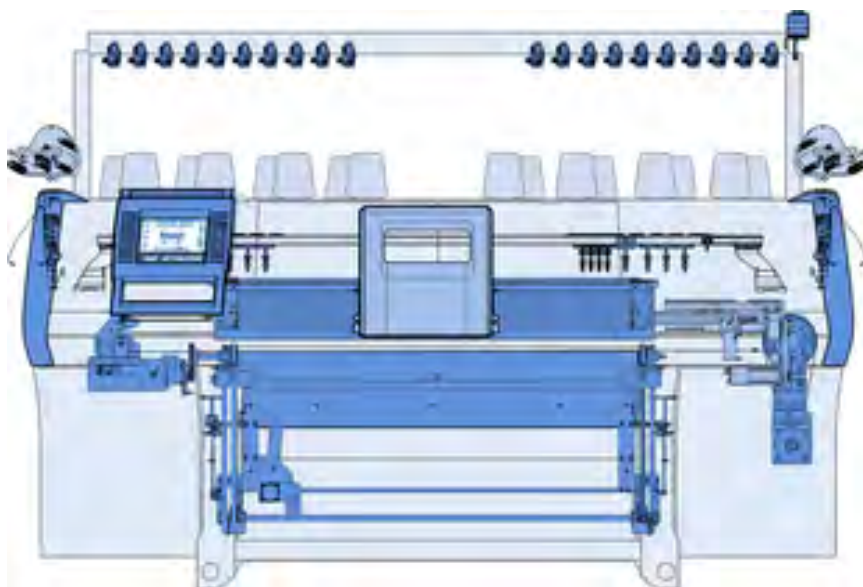


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1 Introduction

Imprint

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Notes for the order

This catalog serves to order spare parts.

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

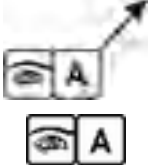
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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

Only genuine STOLL spare parts may be used for repairs.

1.1 Search help

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

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

1.2 Torques

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

Preferential row of screw torques

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

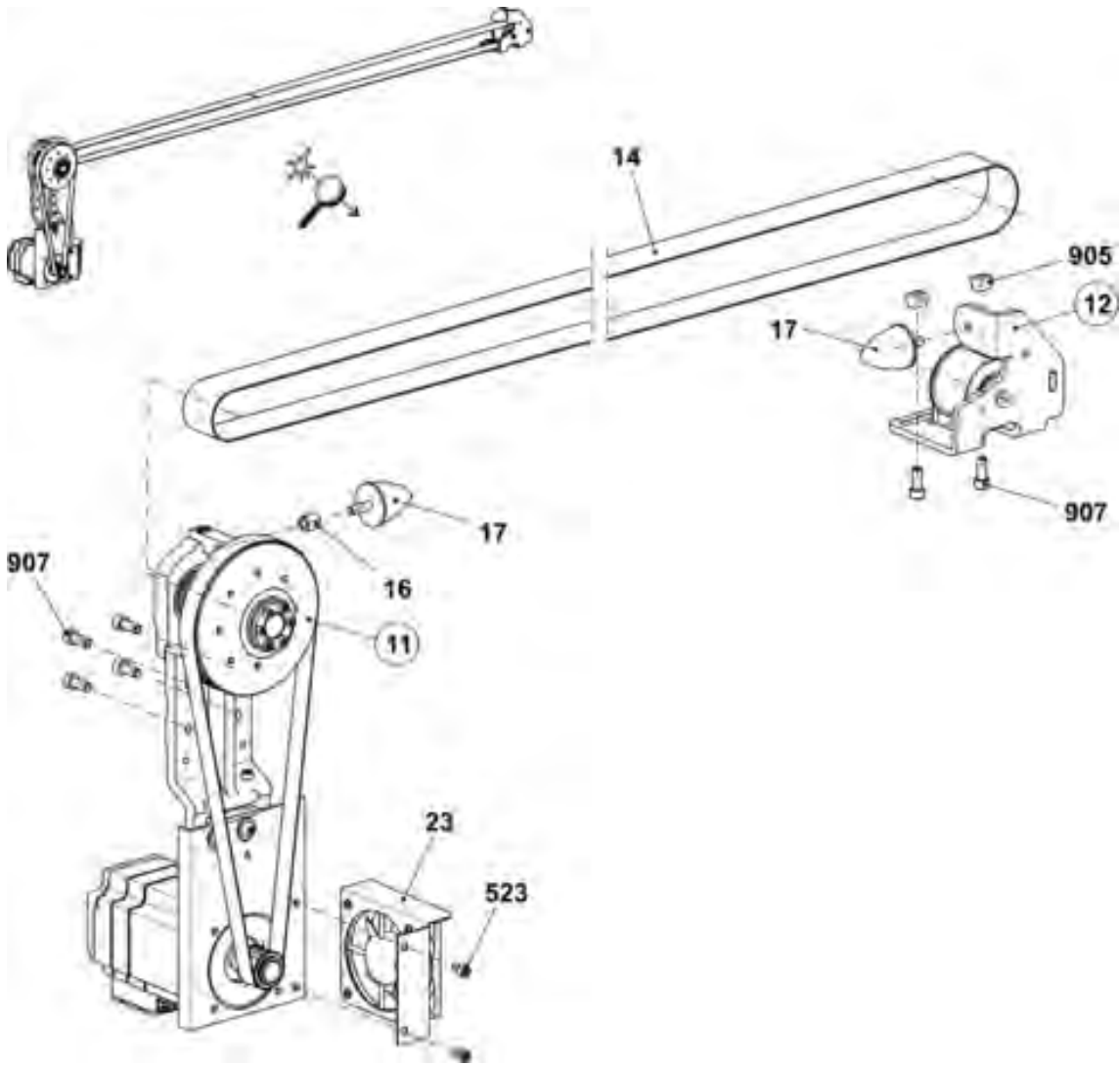
Notes:

2 Carriage drive



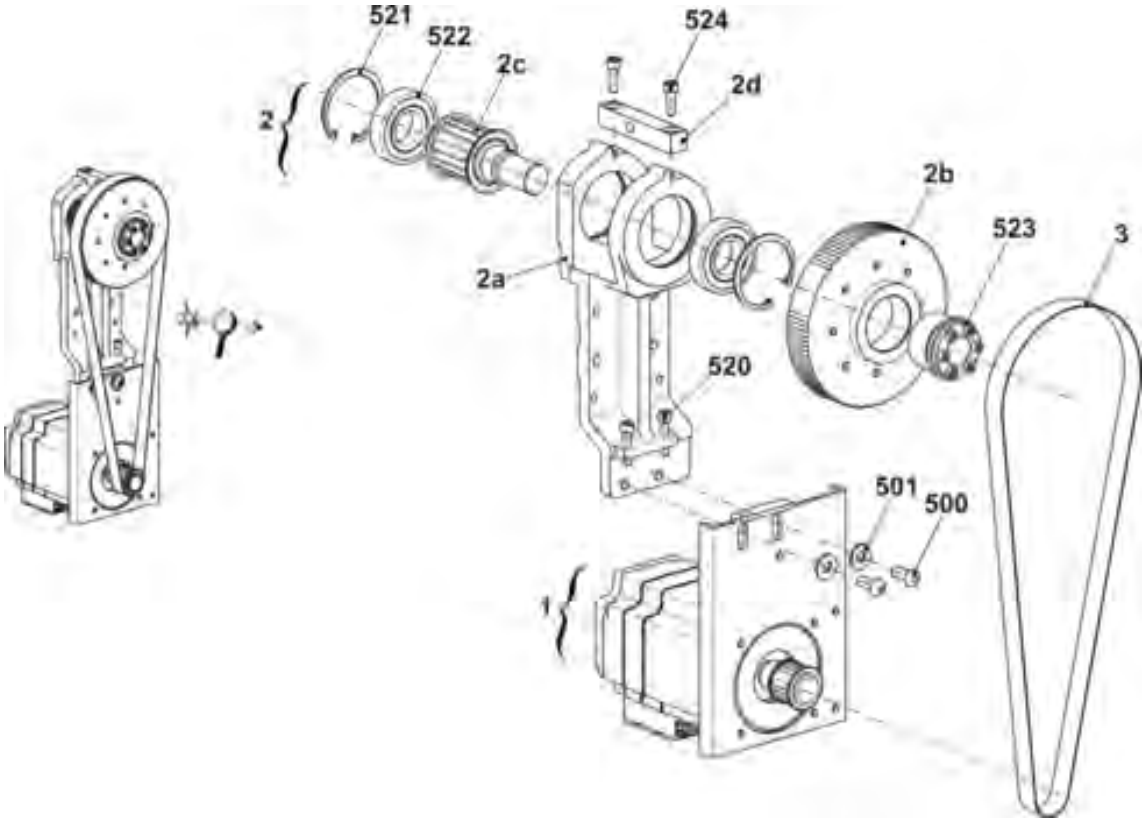
2.1 Drive

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



2.1.1 Motor and belt drive

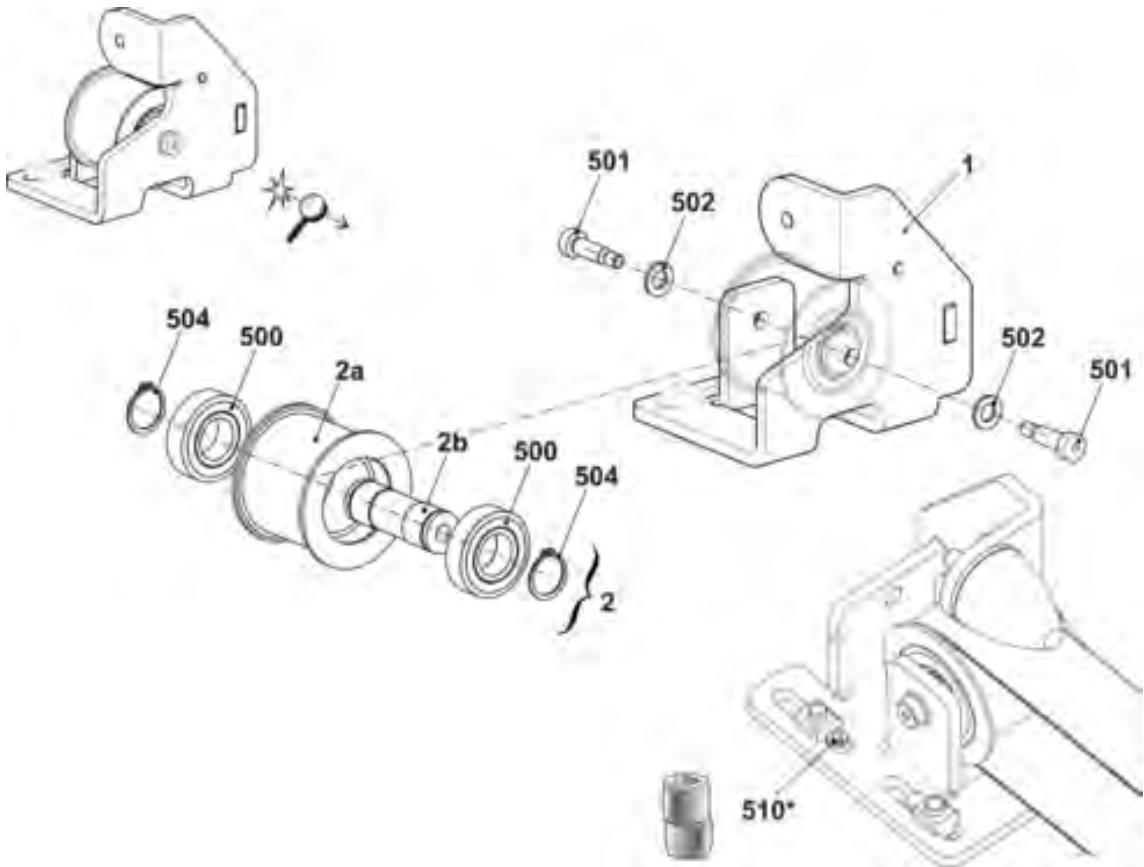
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive unit complete	253 877				
1	Drive unit	258 188				
2	Drive bearing complete	255 005				
	2a Drive bearing	252 634		521	Locking ring68x2.5	022 914
	2b Toothed belt pulley	240 616		522	Grooved ball bearing 6207-2RS	022 915
	2c Pinion57 AT10 18	242 039		523	Tension set 30X55	023 208
	2d Support of buffer	222 100		524	Cap screw M8X25 12.9	020 142
	520 Cap screw M8X35	020 144		3	Toothed belt	252 594
				500	Pan-head screw M10X25	023 684
				501	Disk10,5X25X2,5	022 178



2.1 Drive

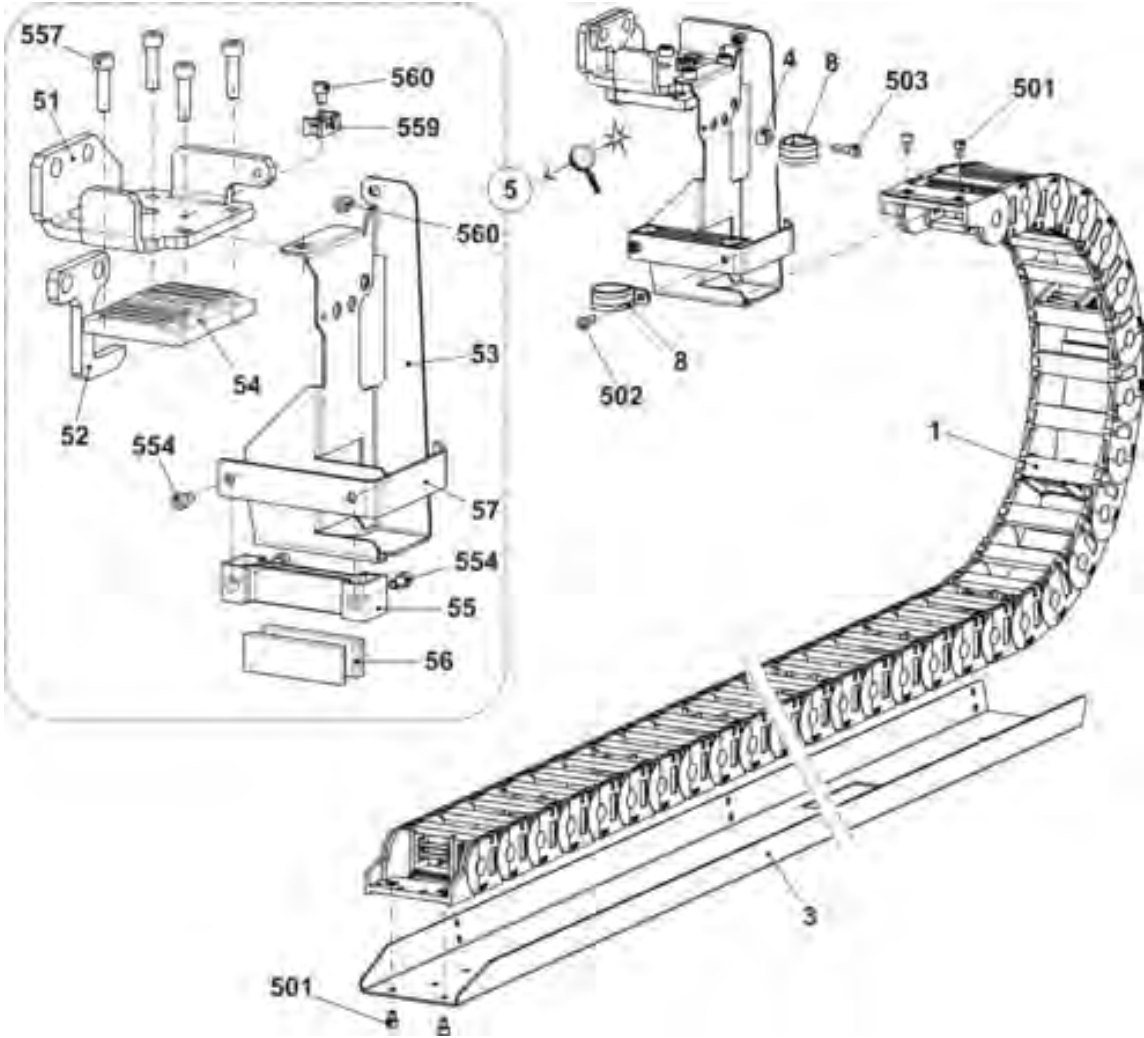
2.1.2 Tension bearing

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



2.2 Energy chain and plunger

Pos	Designation		ID		Pos	Designation		ID
1	Energy chain 30 links		259 234		5	Continuation carriage driver complete		
3	Depositing gutter		259 275		53	Cable driver carriage driver	258 378	
4	Threaded spacer		214 584		54	Clamping plate	252 592	
8	Hose clip		214 653		55	Cable holder	204 688	
501	Cap screw M6x8		023 411		56	Cellular caoutchouc black	202 597	
502	Cap screw M6x16		020 135		57	Cover strip	258 379	
503	Cap screw M6x20		020 136		554	Cap screw M6x12	020 134	
5	Carriage driver complete		258 392		557	Cap screw M8x30	020 143	
51	Carriage driver		258 380		559	Fixing element	026 489	
52	Switch flag carriage driver		258 381		560	Cap screw M6x8	023 411	



2.2 Energy chain and plunger

Notes:

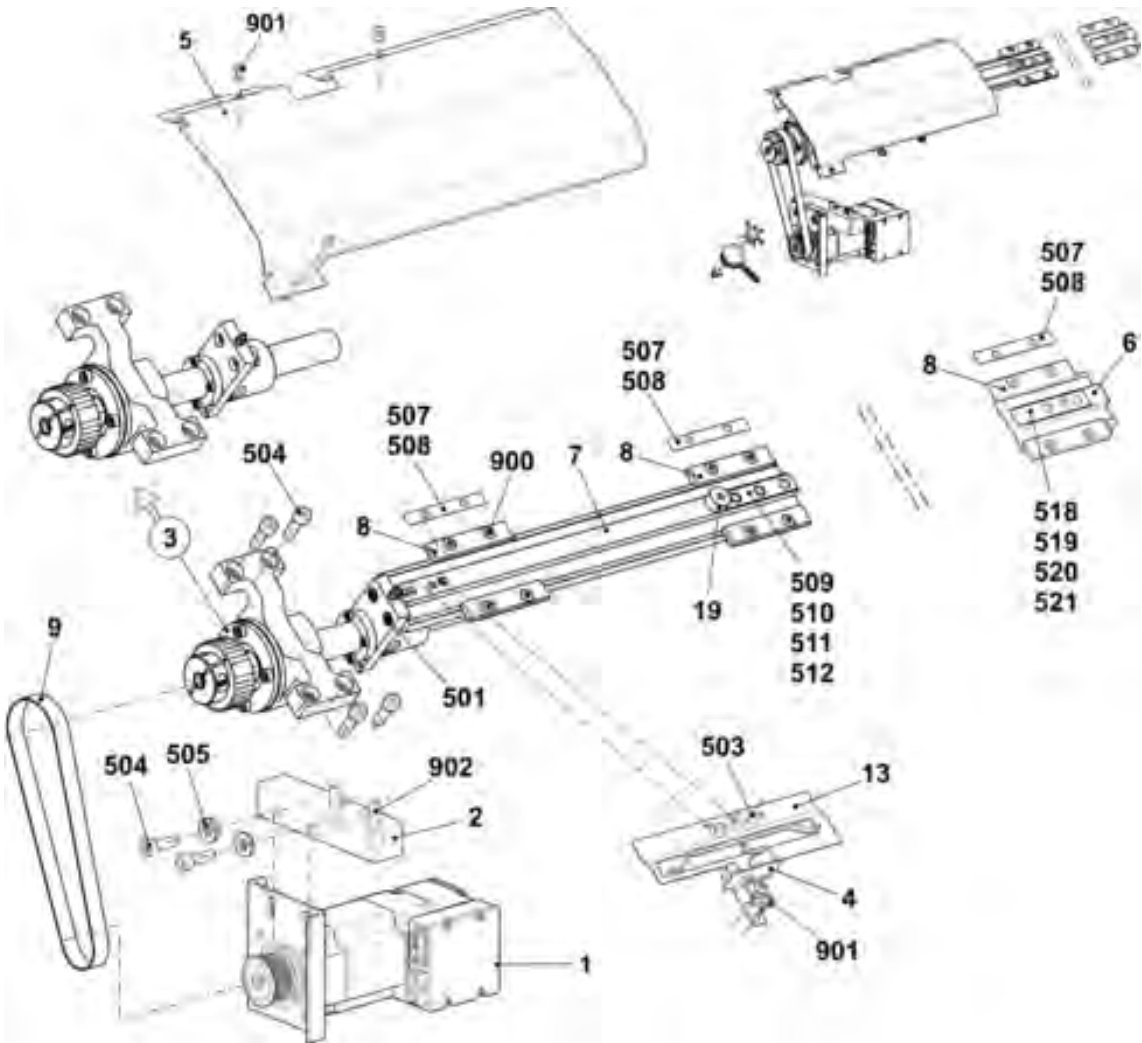
3 Racking



3.1 Racking drive

3.1 Racking drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Racking				
1	Three-phase AC servo motor racking complete	258 192	505	Washer8,4X20X3	022 175
2	Bearing	227 605	507	Shim0,03x11x80	023 286
3	Spindle bearing	253 262	508	Shim0,05x11x80	023 287
4	Card racking limit switch	229 396	509	Shim0,03x15x85	023 162
5	Racking cover plate	240 721	510	Shim0,05x15x85	023 163
6	Racking strip on the left	240 696	511	Shim0,1x15x85	023 164
7	Racking strip	240 690	512	Shim0,2x15x85	023 170
8	Guide strip	206 382	518	Shim0,03x15x75	023 395
9	Toothed belt150 S 5M 490	229 281	519	Shim 0,05x15x7	023 396
13	Switch plate	240 722	520	Shim0,1x15x75	023 397
19	Stop screw	221 386	521	Shim0,2x15x75	023 398
501	Cap screw M6x16	023 116	900	Cap screw M6x12	022 795
503	Pan-head screw M6x10	023 183	901	Pan-head screw M6x10	023 183
504	Cap screw M8x25	020 142	902	Cap screw M8x30	020 143



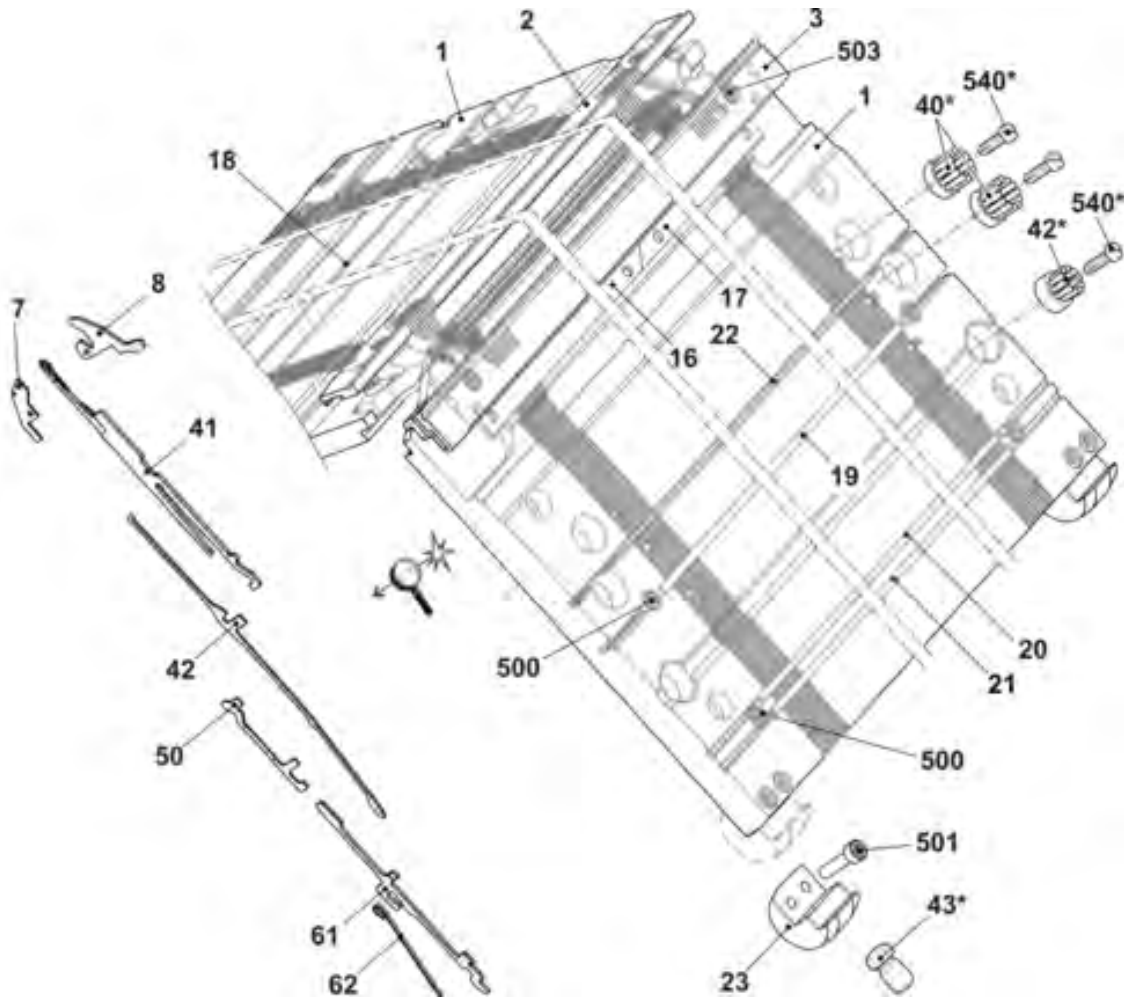
4 Needle beds



4.1 Needle bed E10

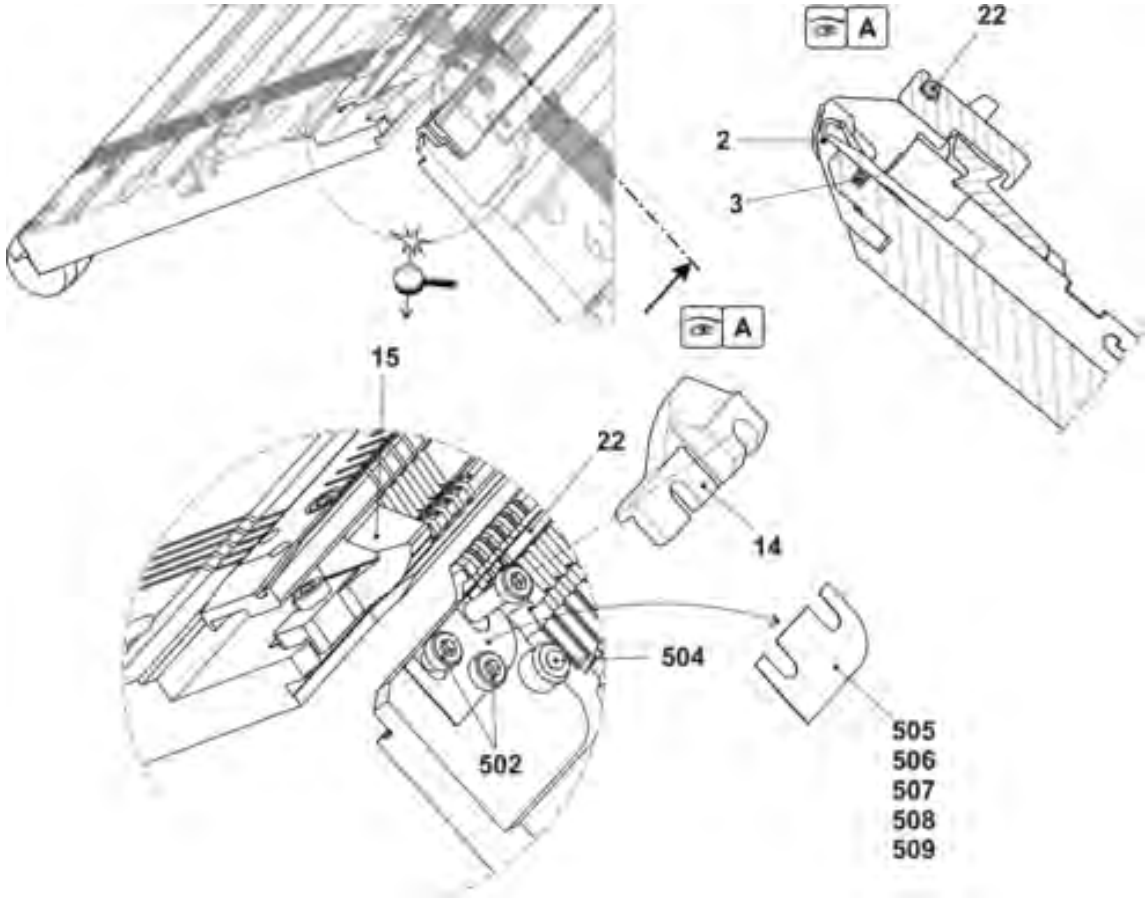
4.1 Needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E10	253 190		18	Cover rail at the rear	213 981
1	Needle bed at the front + rear E10	253 453		19	Cover rail at the front E10	214 036
2	Holding-down jack bed at the rear E10	240 447		20	Cover rail	213 762
3	Holding-down jack bed at the front E10	240 430		21	Cover rail	213 763
41	Needle E10 with round hook	205 398		22	Locating wire D=2,8 1290mm	213 983
42	Coupling part E10-12	253 382		23	Support	241 339
50	Intermediate slider with brake E10-12	255 535		500	Cap screw M5x10	022 918
61	Selection jack E10-12	200 688		501	Cap screw M6x25	020 137
62	Selector spring E10-12	200 691		503	Cap screw M5x22	023 193
7	Knock-over bit E10	239 756		40*	Disk brush	235 612
8	Holding-down jack (trick wall) E10	239 815		42*	Disk brush	202 600
16	Needle bar on the left	213 998		43*	Adjusting bolt	240 765
17	Needle bar on the right	213 999		540*	Cap screw M5x12	020 032



4.1.1 Continuation needle bed E10

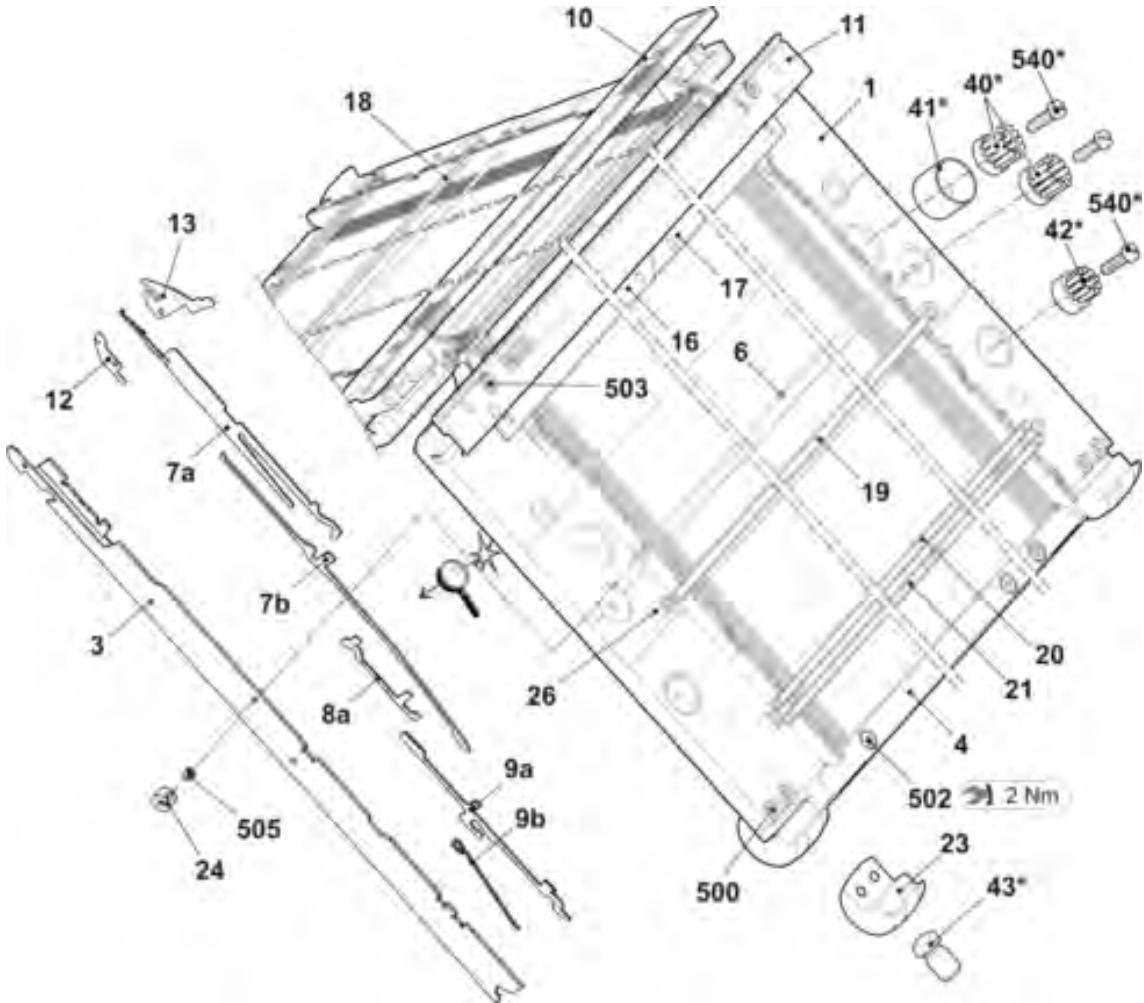
Pos	Designation	Id		Pos	Designation	Id
2	Spring steel wire $\varnothing 0,6$ E10-14	213 990		504	Springy thrust piece	023 177
3	Spring steel wire $\varnothing 2,0$	213 996		505	Shim0,02x18,5x34	023 194
14	Limiter on the left E10-14	205 764		506	Shim0,03x18,5x34	023 195
15	Limiter on the right E10-14	205 765		507	Shim0,05x18,5x34	023 196
22	Locating wire $\varnothing 2,8$	213 983		508	Shim0,1x18,5x34	023 197
502	Cap screw M5x8	023 154		509	Shim0,2x18,5x34	023 253



4.2 Needle bed E12

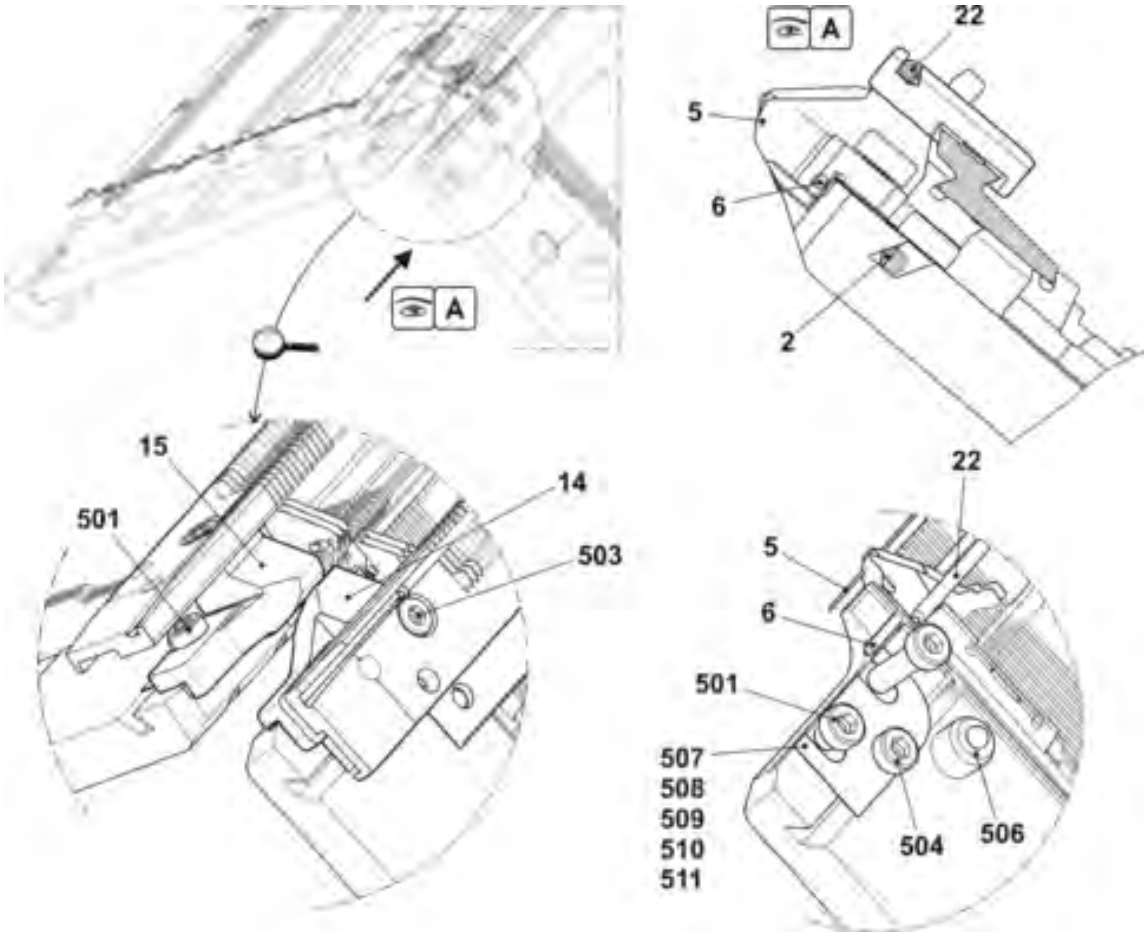
4.2 Needle bed E12

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12	253 165		18	Cover rail at the rear	213 981
1	Needle bed at the front and rear E12	253 455		19	Cover rail at the front E12	214 037
3	Main trick wall E12	260 343		20	Cover rail	213 762
4	Pressure slide E10-14	213 919		21	Cover rail	213 763
6	Spring steel wire ø2,0	213 996		23	Support	241 339
71	Needle E12	204 009		24	Bush	206 090
72	Coupling part E10-12	253 382		26	Stop screw	235 244
81	Intermediate slider with brake E10-12	255 535		500	Cap screw M6x14	022 658
91	Selection jack E10-12	200 688		502	Cap screw M5x8	023 379
92	Selector spring E10-12	200 691		503	Cap screw M5x22	023 193
10	Holding-down jack bed at the rear E12	240 448		505	Setscrew M3,5x3-1	020 512
11	Holding-down jack bed at the front E12	240 431		40*	Disk brush	235 612
12	Knock-over bit E12	259 212		41*	Container disk brush	233 012
13	Holding-down jack (trick wall) E12	259 213		42*	Disk brush	202 600
16	Needle bar on the left	213 998		43*	Adjusting bolt	240 765
17	Needle bar on the right	213 999		540*	Cap screw M5x12	020 032



4.2.1 Continuation needle bed E12

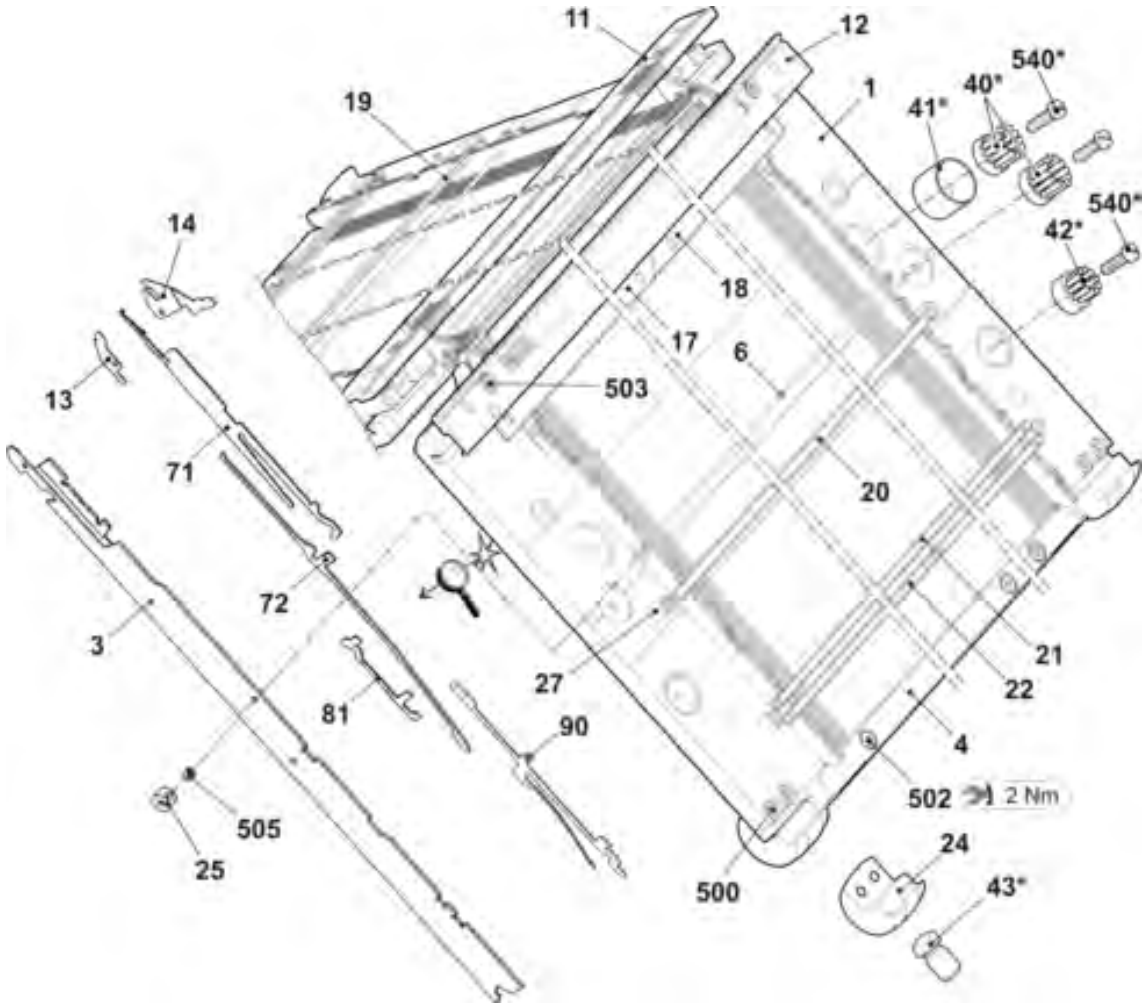
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		504	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990		506	Springy thrust piece	023 177
6	Spring steel wire $\varnothing 2,0$	213 996		507	Shim0,02x18,5x34	023 194
14	Limiter on the left E10-E14	205 764		508	Shim0,03x18,5x34	023 195
15	Limiter on the right E10-E14	205 765		509	Shim0,05x18,5x34	023 196
22	Locating wire $\varnothing 2,8$	213 983		510	Shim0,1x18,5x34	023 197
501	Cap screw M5x8	023 154		511	Shim0,2X18,5X34	023 253
503	Cap screw M5x22	023 193				



4.3 Needle bed E14

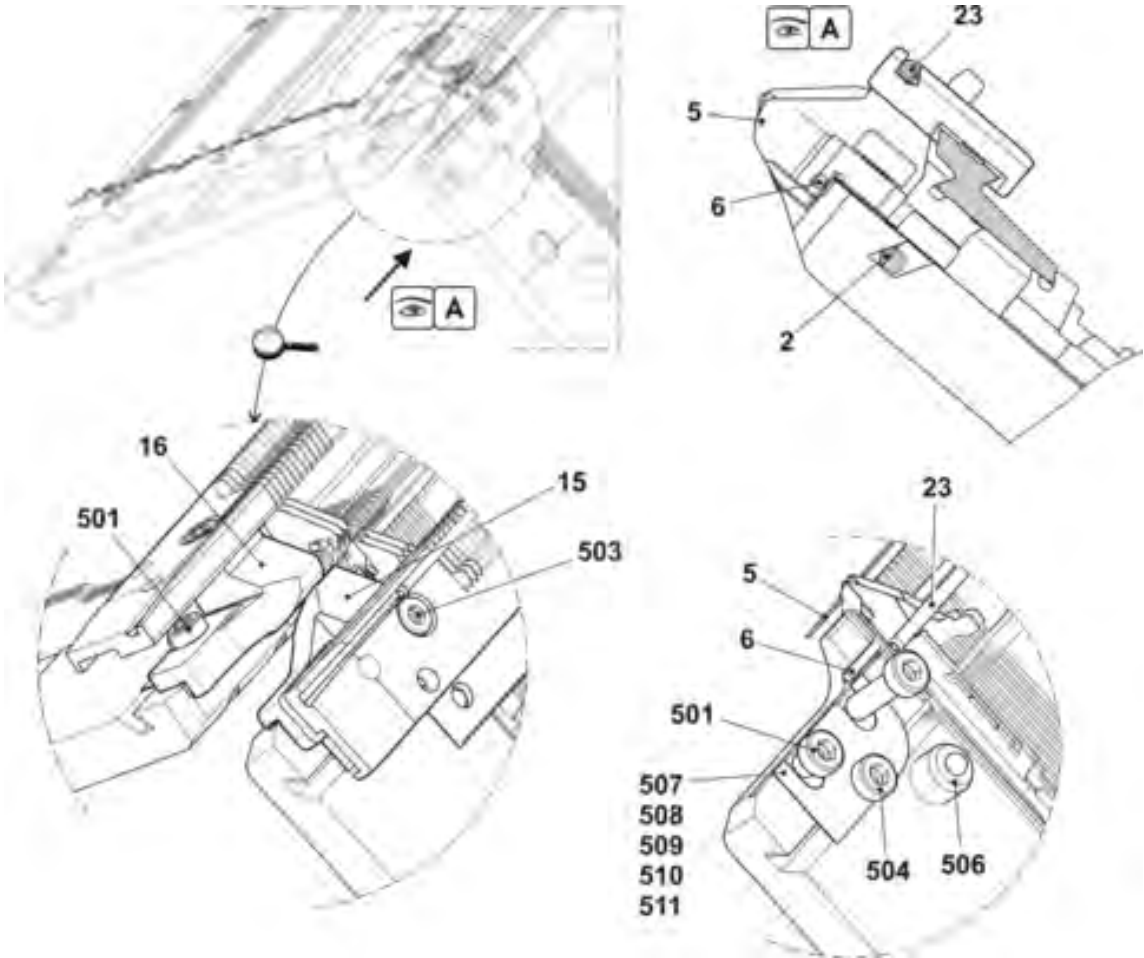
4.3 Needle bed E14

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E14	254 218				
1	Needle bed at the front and rear E14	253 456		20	Cover rail at the front E14	214 038
3	Main trick wall E14	260 344		21	Cover rail	213 762
4	Pressure slide E10-14	213 919		22	Cover rail	213 763
6	Spring steel wire ø2,0	213 996		24	Support	241 339
71	Needle E14	209 614		25	Bush	206 090
72	Coupling part E14	253 383		27	Stop screw	235 244
81	Intermediate slider with brake E14	255 536		500	Cap screw M6x14	022 658
10	Selection jack with spring E14	224 725		502	Cap screw M5x8	023 379
11	Holding-down jack bed at the rear E14	240 449		503	Cap screw M5x22	023 193
12	Holding-down jack bed at the front E14	240 432		505	Setscrew M3,5x3	020 512
13	Knock-over bit E14	209 649		40*	Disk brush	235 612
14	Holding-down jack trick wall E14	235 262		41*	Container disk brush	233 012
17	Needle bar on the left	213 998		42*	Disk brush	202 600
18	Needle bar on the right	213 999		43*	Adjusting bolt	240 765
19	Cover rail at the rear	213 981		540*	Cap screw M5x12	020 032



4.3.1 Continuation needle bed E14

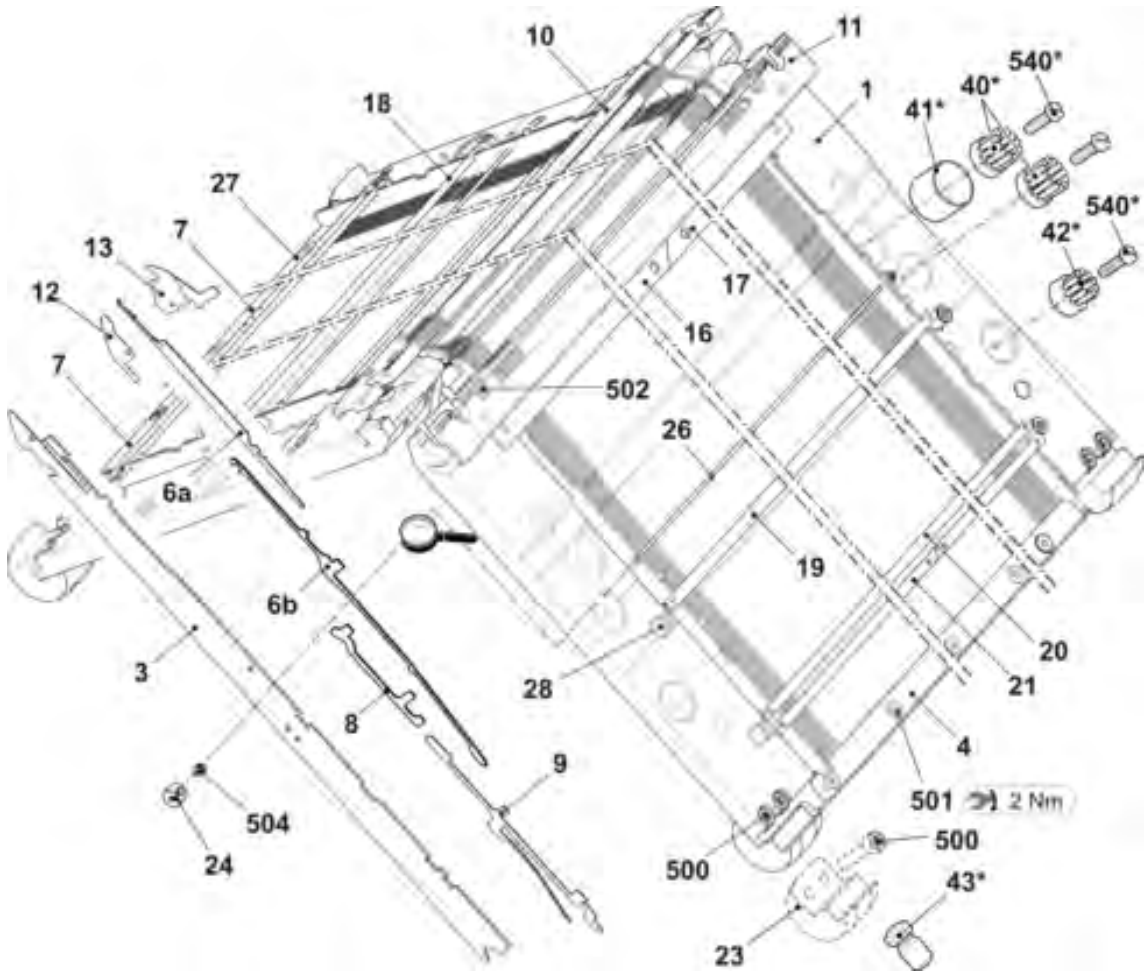
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		504	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990		506	Springy thrust piece	023 177
6	Spring steel wire $\varnothing 2,0$	213 996		507	Shim0,02x18,5x34	023 194
15	Limiter on the left E10-14	205 764		508	Shim0,03x18,5x34	023 195
16	Limiter on the right E10-14	205 765		509	Shim0,05x18,5x34	023 196
23	Locating wire $\varnothing 2,8$	213 983		510	Shim0,1x18,5x34	023 197
501	Cap screw M5x8	023 154		511	Shim0,2X18,5X34	023 253
503	Cap screw M5x22	023 193				



4.4 Needle bed E16

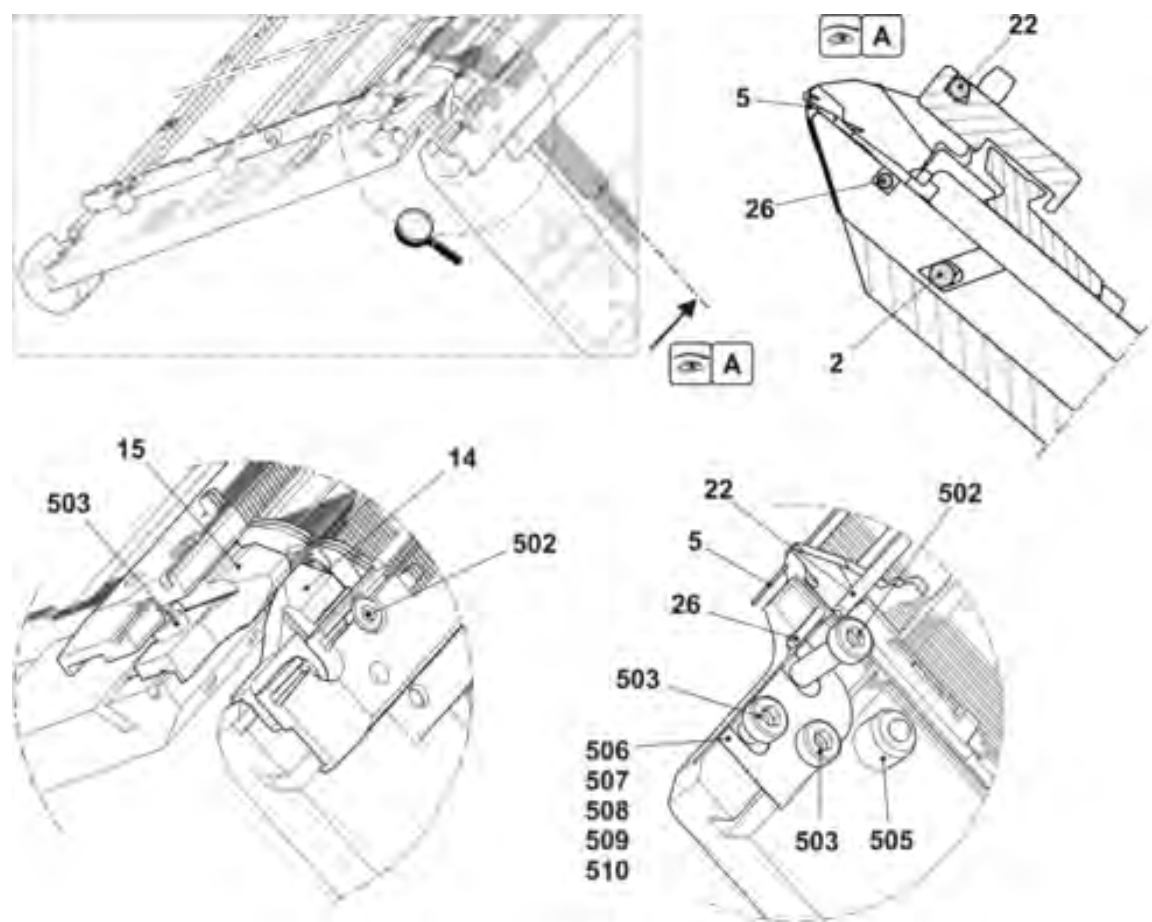
4.4 Needle bed E16

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rearE16	253 191			
1	Needle bed at the front + rearE16	253 458	20	Cover rail	213 762
3	Main trick wall E16	245 319	21	Cover rail	213 763
4	Pressure strip at the front E5-14	219 536	23	Support	241 339
A6	Needle E16	232 243	24	Bush	206 090
6b	Coupling part E16-20	253 384	26	Spring steel wire D=2,0 1287 mm	213 996
7	Pressure strip at the rear E5-14	219 537	27	Pressure strip at the rear on the right E16 – E20	223 042
8	Intermediate slider with brake E16-18	255 537	28	Stop screw	235 244
9	Selection jack E16-20	222 265	500	Cap screw M6x14	022 658
10	Holding-down jack bed at the rear E16	240 450	501	Cap screw M4-M5x8	023 379
11	Holding-down jack bed at the front E16	240 433	502	Cap screw M5x22	023 193
12	Knock-over bit E16	258 400	504	Setscrew M3,5x3-1	020 512
13	Holding-down jack E16	222 504	40*	Disk brush	235 612
16	Needle bar on the left	213 998	41*	Container disk brush	233 012
17	Needle bar on the right	213 999	42*	Disk brush	202 600
18	Cover rail at the rear	213 981	43*	Adjusting bolt	240 765
19	Cover rail at the front E16	222 531	540*	Cap screw M5x12	020 032



4.4.1 Continuation needle bed E16

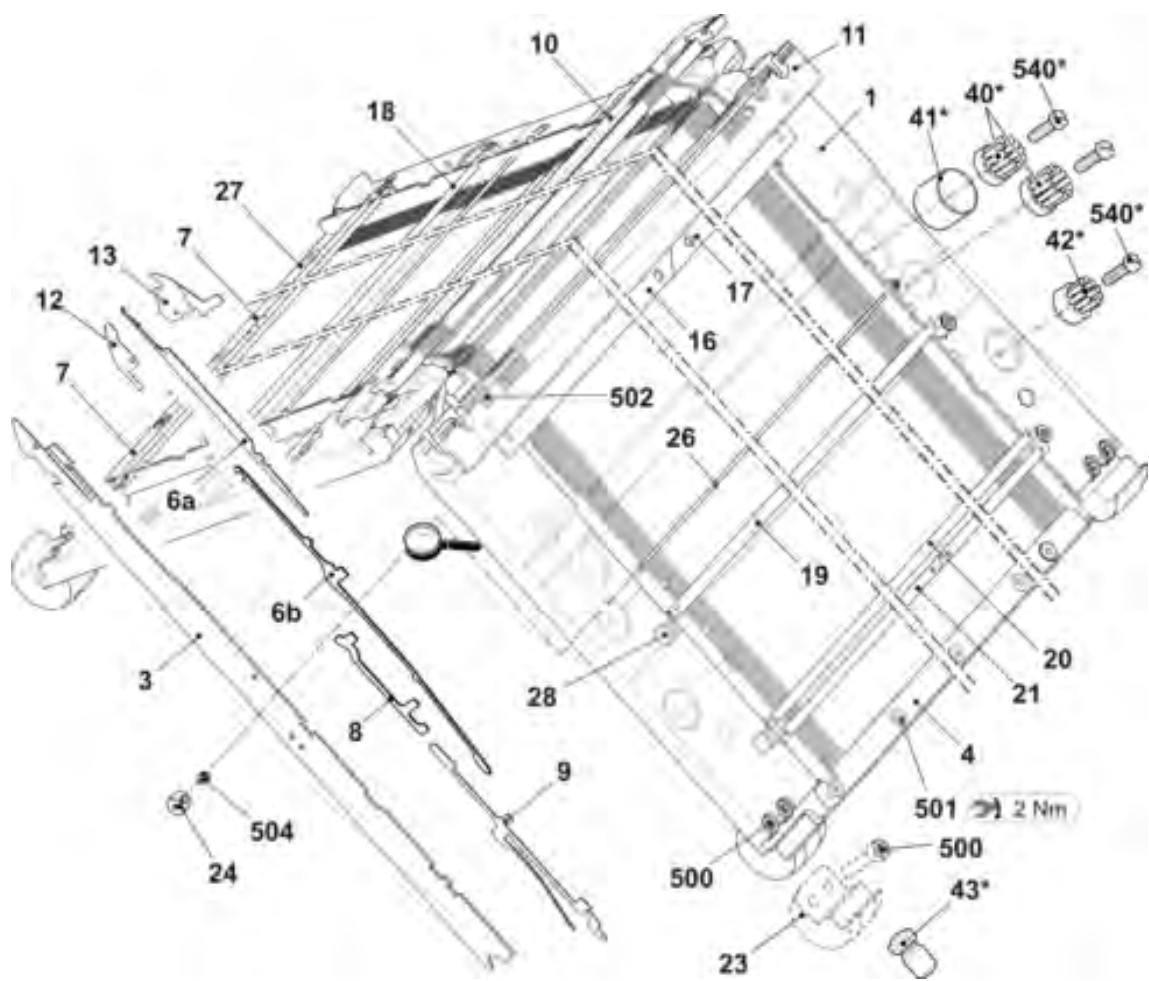
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		503	Cap screw M5x12-8.8	022 943
5	Spring steel wire $\varnothing 0,5$	220 759		505	Springy thrust piece	023 177
14	Limiter on the left E16-20	220 821		506	Shim0,02x18,5x345	023 194
15	Limiter on the right E16-20	220 822		507	Shim0,03x18,5x34	023 195
22	Locating wire $\varnothing 2,8$	223 922		508	Shim0,05x18,5x34	023 196
26	Spring steel wire $\varnothing 2,0$	213 996		509	Shim0,1x18,5x34	023 197
502	Cap screw M5x22	023 193		510	Shim0,2X18,5X34	023 253



4.5 Needle bed E18

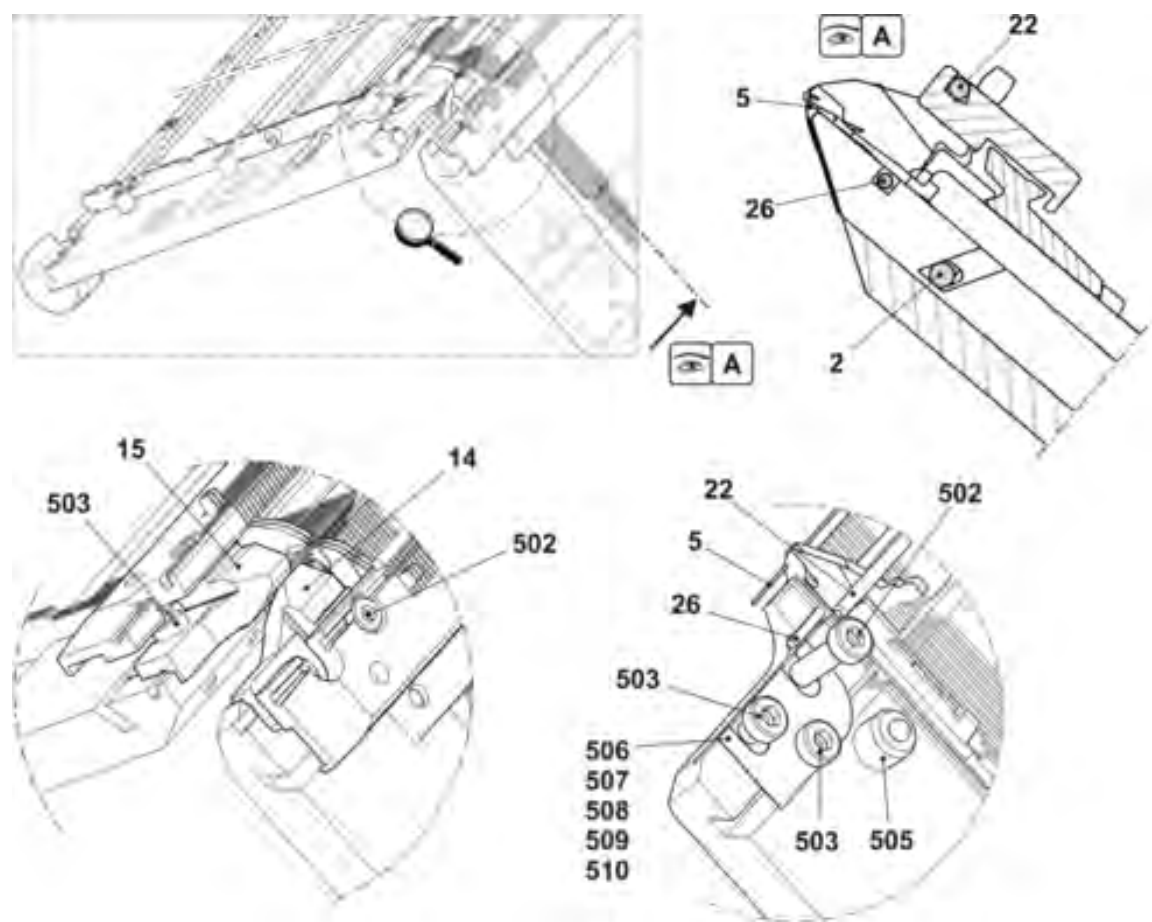
4.5 Needle bed E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E18	253 192			
1	Needle bed at the front + rear E18	253 459	20	Cover rail	213 762
3	Main trick wall E18	251 051	21	Cover rail	213 763
4	Pressure strip at the front E5-14	219 536	23	Support	241 339
A6	Needle E18	239 527	24	Bush	206 090
6b	Coupling part E16-20	253 384	26	Spring steel wire D=2,0 1287 mm	213 996
7	Pressure strip at the rear E5-14	219 537	27	Pressure strip at the rear on the right E16 – E20	223 042
8	Intermediate slider with brake E16-18	255 537	28	Stop screw	235 244
9	Selection jack E16-20	222 265	500	Cap screw M6x14	022 658
10	Holding-down jack bed at the rear E18	240 451	501	Cap screw M5x8	023 379
11	Holding-down jack bed at the front E18	240 434	502	Cap screw M5x22	023 193
12	Knock-over bit wire position 0,8 mm	258 595	504	Setscrew M3,5x3-1	020 512
13	Holding-down jack E18	220 770	40*	Disk brush	235 612
16	Needle bar on the left	213 998	41*	Container disk brush	233 012
17	Needle bar on the right	213 999	42*	Disk brush	202 600
18	Cover rail at the rear	213 981	43*	Adjusting bolt	240 765
19	Cover rail at the front E18	220 745	540*	Cap screw M5x12	020 032



4.5.1 Continuation needle bed E18

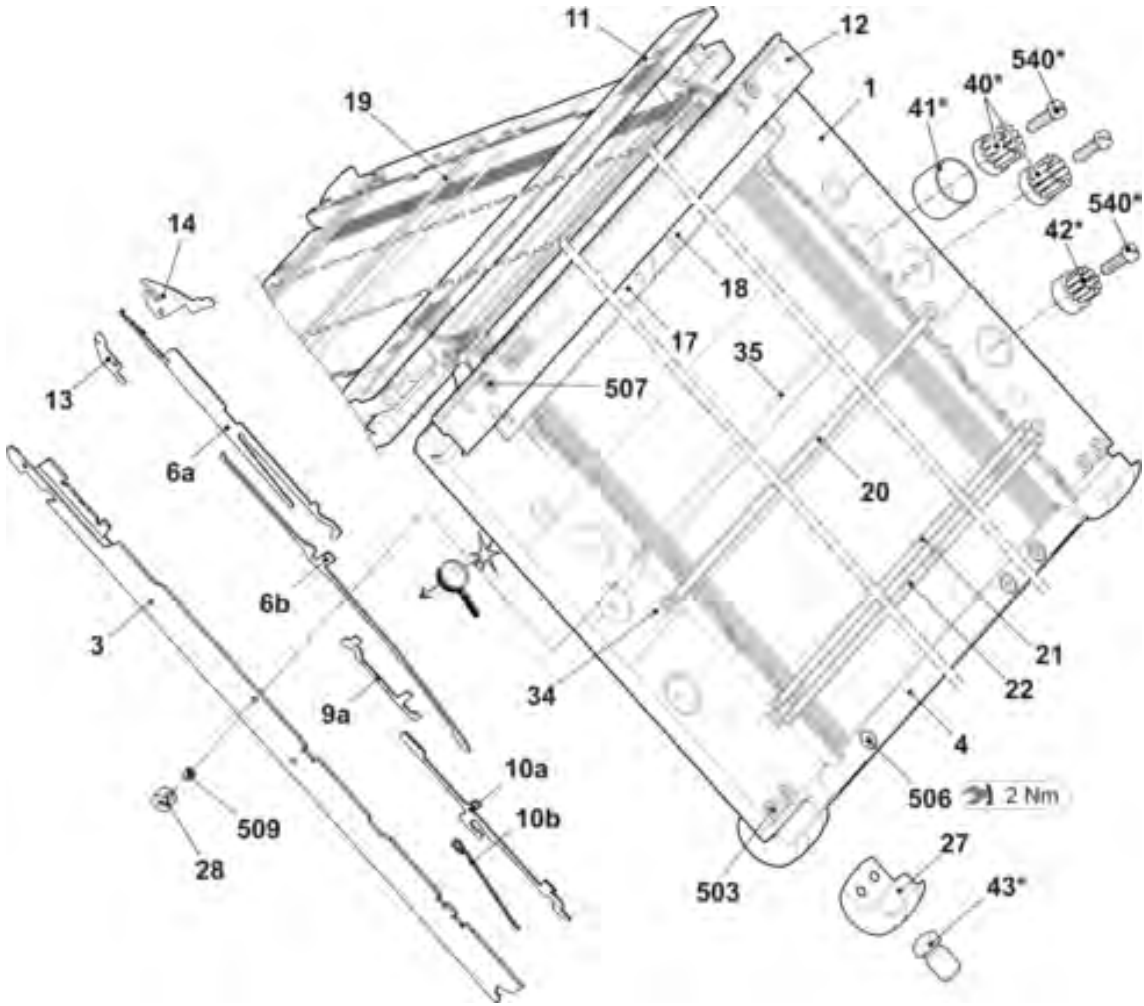
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		503	Cap screw M5x12-8.8	022 943
5	Spring steel wire $\varnothing 0,5$	220 759		505	Springy thrust piece	023 177
14	Limiter on the left E16-20	220 821		506	Shim0,02x18,5x345	023 194
15	Limiter on the right E16-20	220 822		507	Shim0,03x18,5x34	023 195
22	Locating wire $\varnothing 2,8$	223 922		508	Shim0,05x18,5x34	023 196
26	Spring steel wire $\varnothing 2,0$	213 996		509	Shim0,1x18,5x34	023 197
502	Cap screw M5x22	023 193		510	Shim0,2X18,5X34	023 253



4.6 Needle bed E6.2(12m.10)

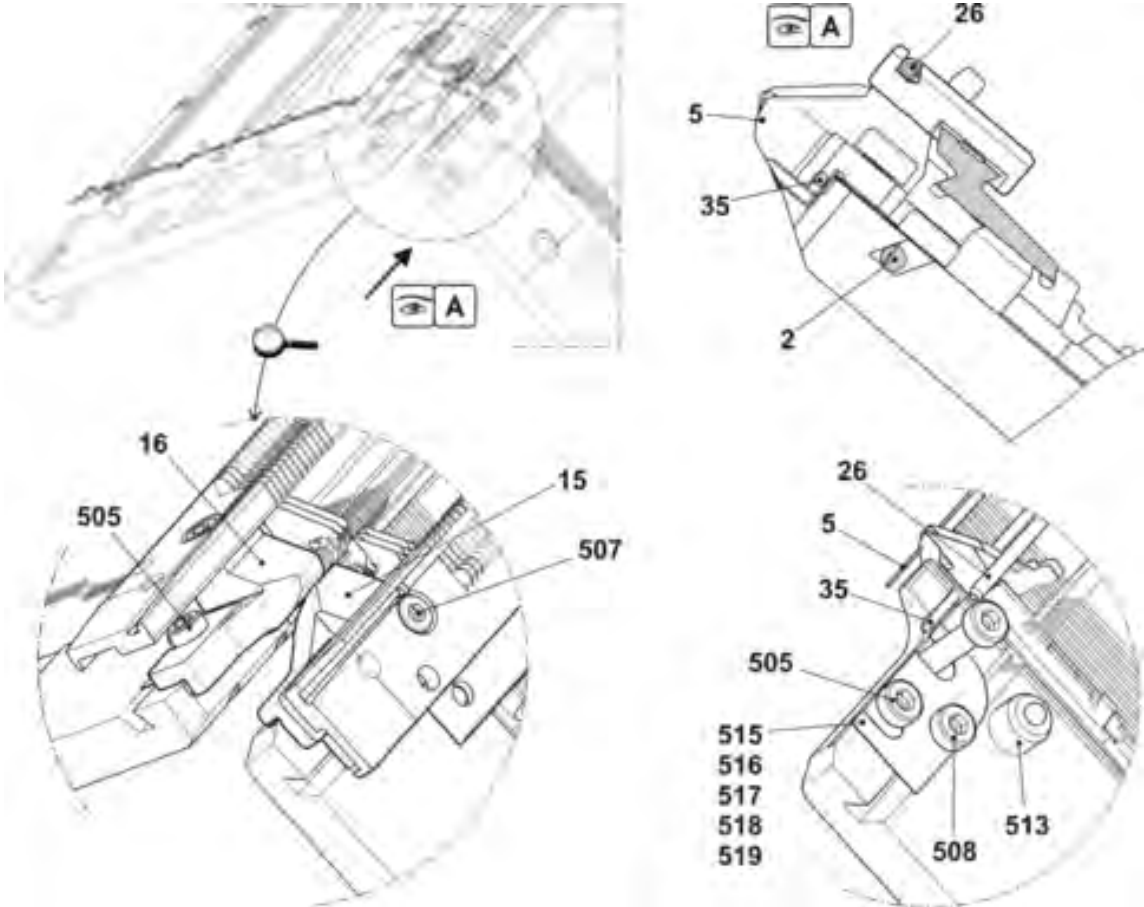
4.6 Needle bed E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE6.2(12m.10)	255 111		20	Cover rail at the front E12	214 037
1	Needle bed at the front + rear E12	253 455		21	Cover rail	213 762
3	Main trick wall E12	260 343		22	Cover rail	213 763
4	Pressure slide E10-14	213 919		27	Support	241 339
A6	Needle E10 with round hook	205 398		28	Bush	206 090
6b	Coupling part E10-12	253 382		34	Stop screw	235 244
9a	Intermediate slider with brake E10-12	255 535		35	Spring steel wire ø2,0	213 996
A10	Selection jack E10-12	200 688		503	Cap screw M6x14	022 658
B10	Selector spring E10-12	200 691		506	Cap screw M5x8	023 379
11	Holding-down jack bed at the rear E12	240 448		507	Cap screw M5x22	023 193
12	Holding-down jack bed at the front E12	240 431		509	Setscrew M3,5x3	020 512
13	Knock-over bit E12	259 212		40*	Disk brush	235 612
14	Holding-down jack trick wall E12	259 213		41*	Container disk brush	233 012
17	Needle bar on the left	213 998		42*	Disk brush	202 600
18	Needle bar on the right	213 999		43*	Adjusting bolt	240 765
19	Cover rail at the rear	213 981		540*	Cap screw M5x12	020 032



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

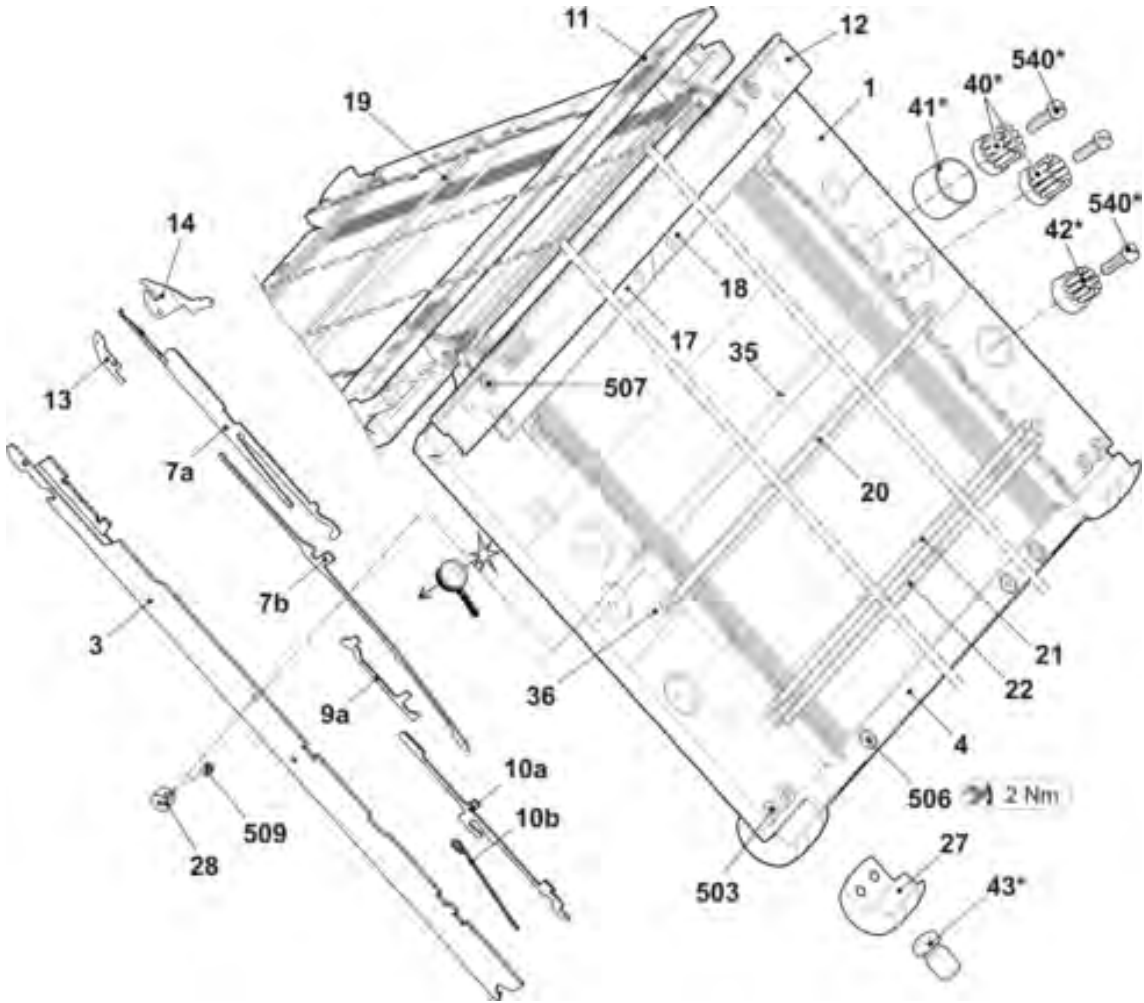
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990		513	Springy thrust piece	023 177
15	Limiter on the left E10-14	205 764		515	Shim0,02x18,5x34	023 194
16	Limiter on the right E10-14	205 765		516	Shim0,03x18,5x34	023 195
26	Locating wire $\varnothing 2,8$	213 983		517	Shim0,05x18,5x34	023 196
35	Spring steel wire $\varnothing 2,0$	213 996		518	Shim0,1x18,5x34	023 197
505	Cap screw M5x8	023 154		519	Shim0,2X18,5X34	023 253
507	Cap screw M5x22	023 193				



4.7 Needle bed E6.2

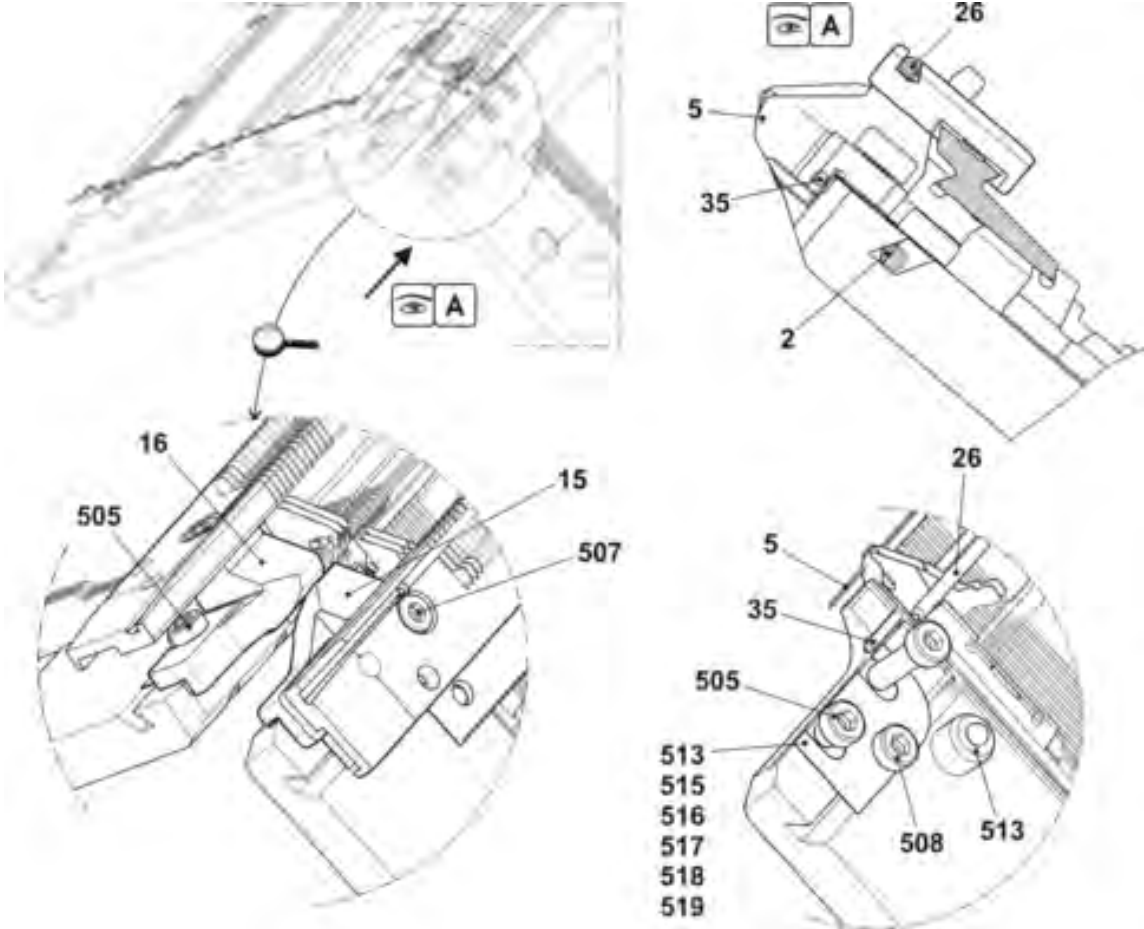
4.7 Needle bed E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	255 767		20	Cover rail at the front E12	214 037
1	Needle bed at the front and rear E12	253 455		21	Cover rail	213 762
3	Main trick wall E12	260 343		22	Cover rail	213 763
4	Pressure slide E10-14	213 919		27	Support	241 339
A7	Needle E6.2	207 349		28	Bush	206 090
7b	Coupling part E10-12	253 382		35	Spring steel wire ø2,0	213 996
9a	Intermediate slider with brake E10-12	255 535		36	Stop screw	235 244
A10	Selection jack E10-12	200 688		503	Cap screw M6x14	022 658
B10	Selector spring E10-12	200 691		506	Cap screw M5x8	023 379
11	Holding-down jack bed at the rear E6.2	240 455		507	Cap screw M5x22	023 193
12	Holding-down jack bed at the front E6.2	240 438		509	Setscrew M3,5x3	020 512
13	Knock-over bit E12	259 212		40*	Disk brush	235 612
14	Holding-down jack (trick wall) E12	259 213		41*	Container disk brush	233 012
17	Needle bar on the left	213 998		42*	Disk brush	202 600
18	Needle bar on the right	213 999		43*	Adjusting bolt	240 765
19	Cover rail at the rear	213 981		540*	Cap screw M5x12	020 032



4.7.1 Continuation needle bed E6.2

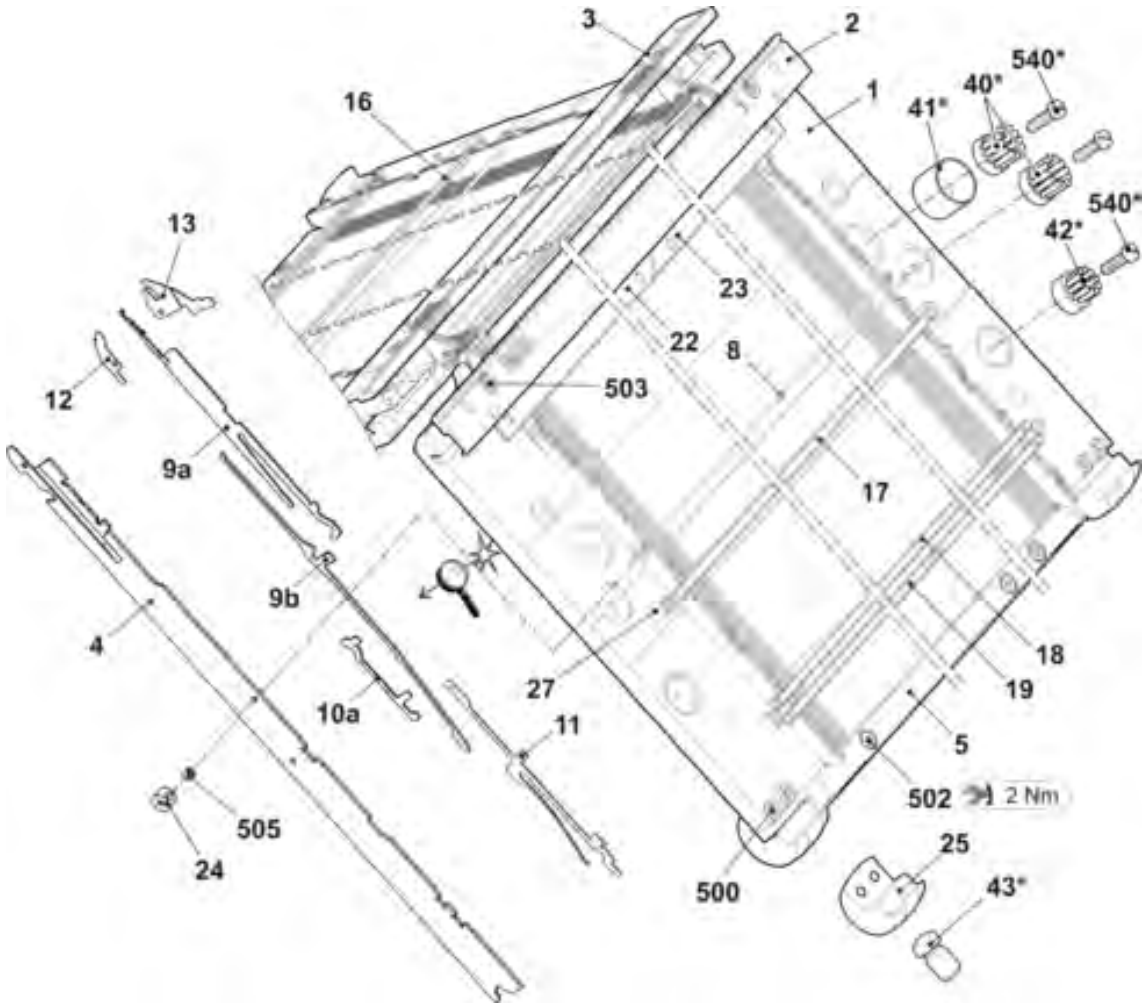
Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire $\varnothing 0,6$	213 990		513	Springy thrust piece	023 177
15	Limiter on the left	205 764		515	Shim0,02x18,5x34	023 194
16	Limiter on the right	205 765		516	Shim0,03x18,5x34	023 195
26	Locating wire $\varnothing 2,8$	213 983		517	Shim0,05x18,5x34	023 196
35	Spring steel wire $\varnothing 2,0$	213 996		518	Shim0,1x18,5x34	023 197
505	Cap screw M5x8	023 154		519	Shim0,2X18,5X34	023 253
507	Cap screw M5x22	023 193				



4.8 Needle bed E7.2

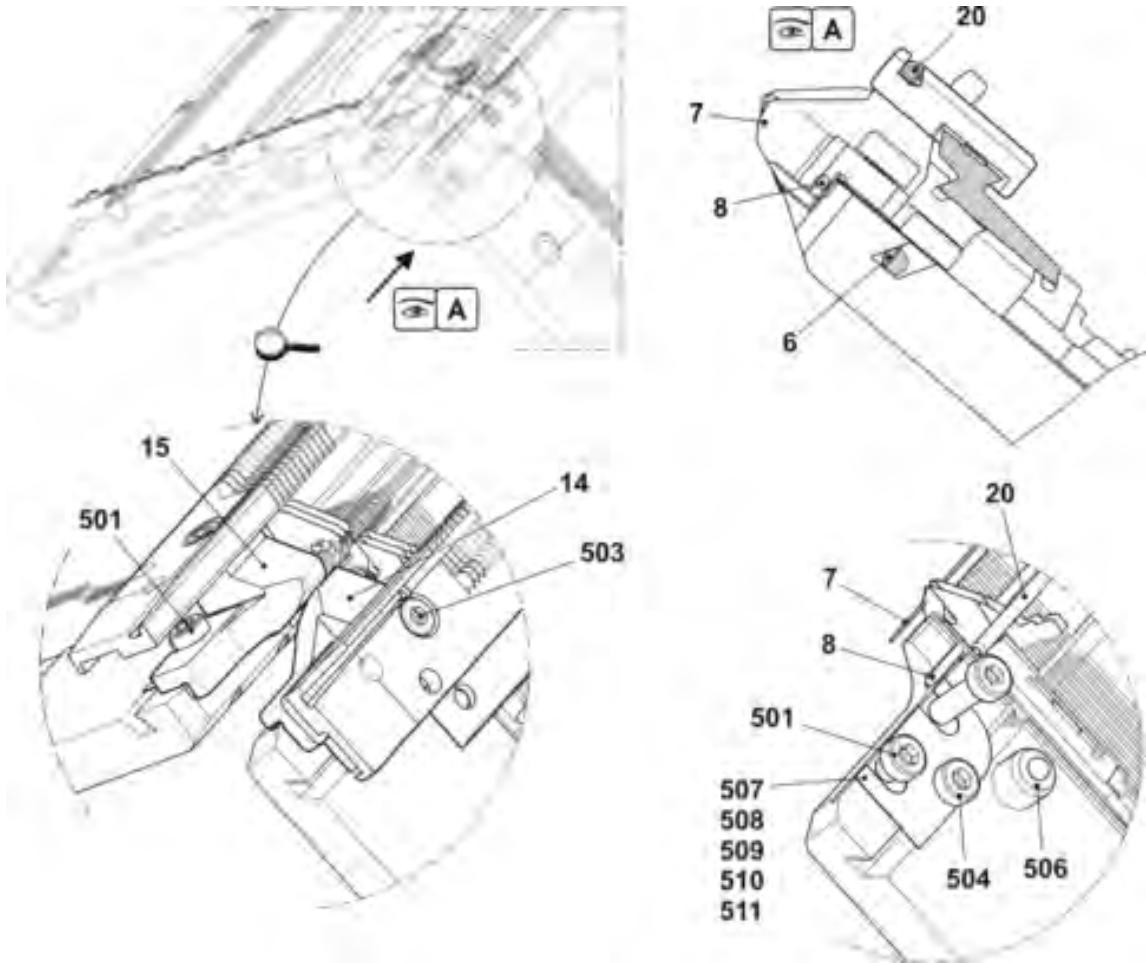
4.8 Needle bed E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE7.2	253 166				
1	Needle bed at the front and rear E14	253 456		19	Cover rail	213 763
2	Holding-down jack bed at the rear E7.2	240 456		22	Needle bar on the left	213 998
3	Holding-down jack bed at the front E7.2	240 439		23	Needle bar on the right	213 999
4	Main trick wall E14	260 344		25	Support	241 339
5	Pressure slide E10-14	213 919		24	Bush	206 090
8	Spring steel wire ø2,0	213 996		27	Stop screw	235 244
9a	Needle E7.2	225 230		500	Cap screw M6x14	022 658
9b	Coupling part E14	253 383		502	Cap screw M5x8	023 379
A10	Intermediate slider with brake E14	255 536		503	Cap screw M5x22	023 193
11	Selection jack with spring E14	224 725		505	Setscrew M3,5x3	020 512
12	Knock-over bit wire position E14	256 912		40*	Disk brush	235 612
13	Holding-down jack trick wallE7.2	258 396		41*	Container disk brush	233 012
16	Cover rail at the rear	213 981		42*	Disk brush	202 600
17	Cover rail at the frontE14	214 038		43*	Adjusting bolt	240 765
18	Cover rail	213 762		540*	Cap screw M5x12	020 032



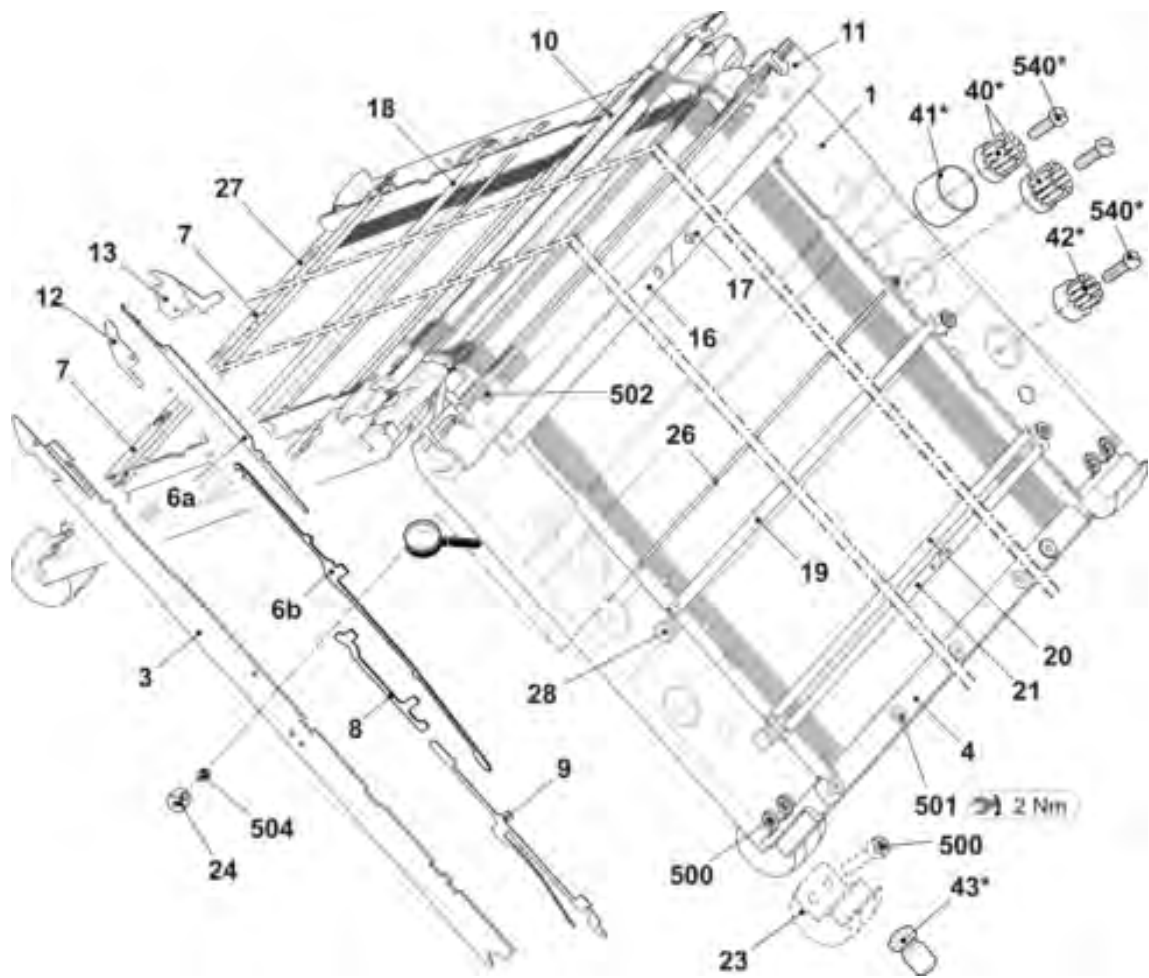
4.8.1 Continuation needle bed E7.2

Pos	Designation	Id		Pos	Designation	Id
6	Locating wire $\varnothing 3,4$	213 995		504	Cap screw M5x12	022 943
7	Spring steel wire $\varnothing 0,6$	213 990		506	Springy thrust piece	023 177
8	Spring steel wire $\varnothing 2,0$	213 996		507	Shim0,02x18,5x34	023 194
14	Limiter on the left E10-14	205 764		508	Shim0,03x18,5x34	023 195
15	Limiter on the right E10-14	205 765		509	Shim0,05x18,5x34	023 196
20	Locating wire $\varnothing 2,8$	213 983		510	Shim0,1x18,5x34	023 197
501	Cap screw M5x8	023 154		511	Shim0,2X18,5X34	023 253
503	Cap screw M5x22	023 193				



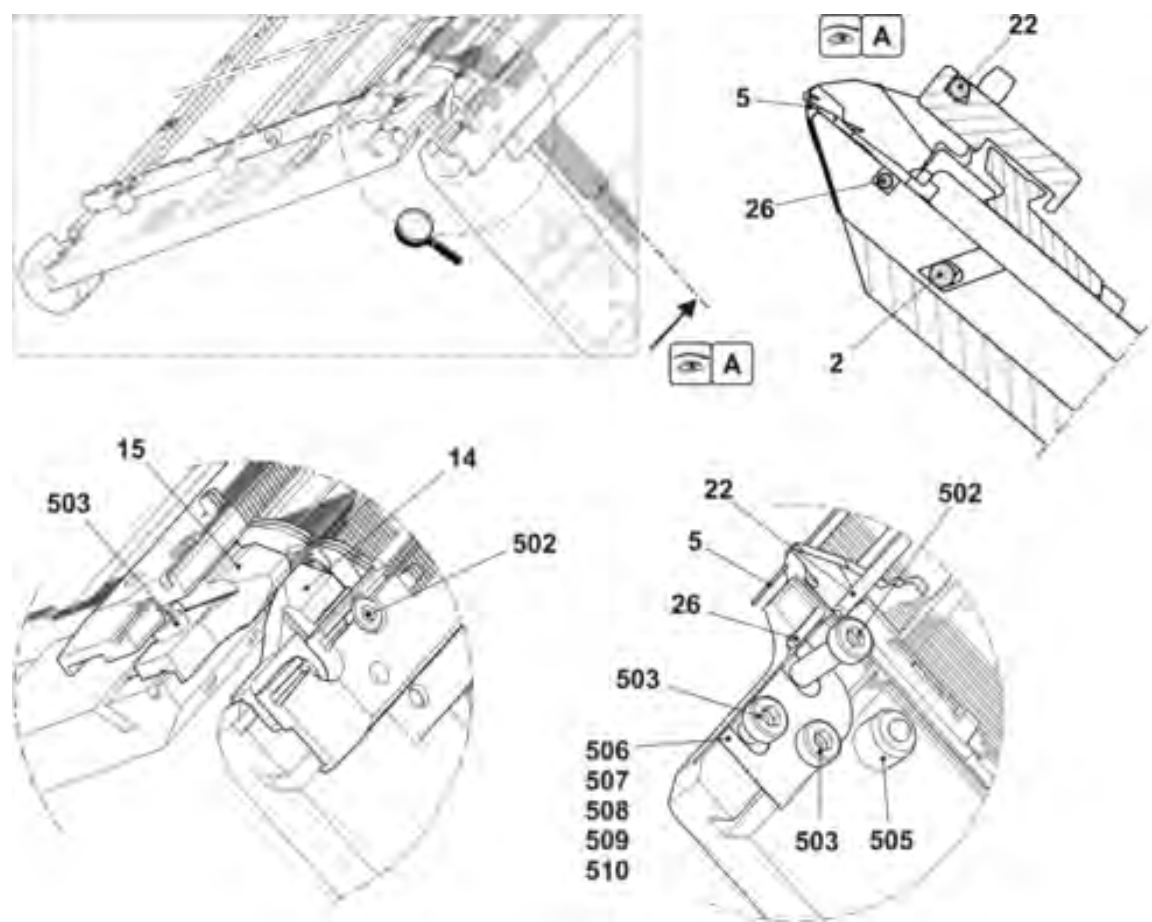
4.9 Needle bed E8.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE8.2	254 219				
1	Needle bed at the front + rearE16	253 458		20	Cover rail	213 762
3	Main trick wall E16	245 319		21	Cover rail	213 763
4	Pressure strip at the front E5-14	219 536		23	Support	241 339
A6	Needle E18/14	240 026		24	Bush	206 090
6b	Coupling part E16-20	253 384		26	Spring steel wire ø2,0	213 996
7	Pressure strip at the rear E5-14	219 537		27	Pressure strip at the rear on the right E16-20	223 042
8	Intermediate slider with brake E16-18	255 537		28	Stop screw	235 244
9	Selection jack E16 with selector spring	222 265		40*	Disk brush	235 612
10	Holding-down jack bed at the rear E16	240 450		41*	Container disk brush	233 012
11	Holding-down jack bed at the front E16	240 433		42*	Disk brush	202 600
12	Knock-over bit wire position 0,8 mm E8.2	258 400		43*	Adjusting bolt	240 765
13	Holding-down jack E16	222 504		540*	Cap screw M5x12	020 032
16	Needle bar on the left	213 998		503	Cap screw M6x14	022 658
17	Needle bar on the right	213 999		506	Cap screw M4-M5x8	023 379
18	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
19	Cover rail at the front E16	222 531		509	Setscrew M3,5x3-1	020 512



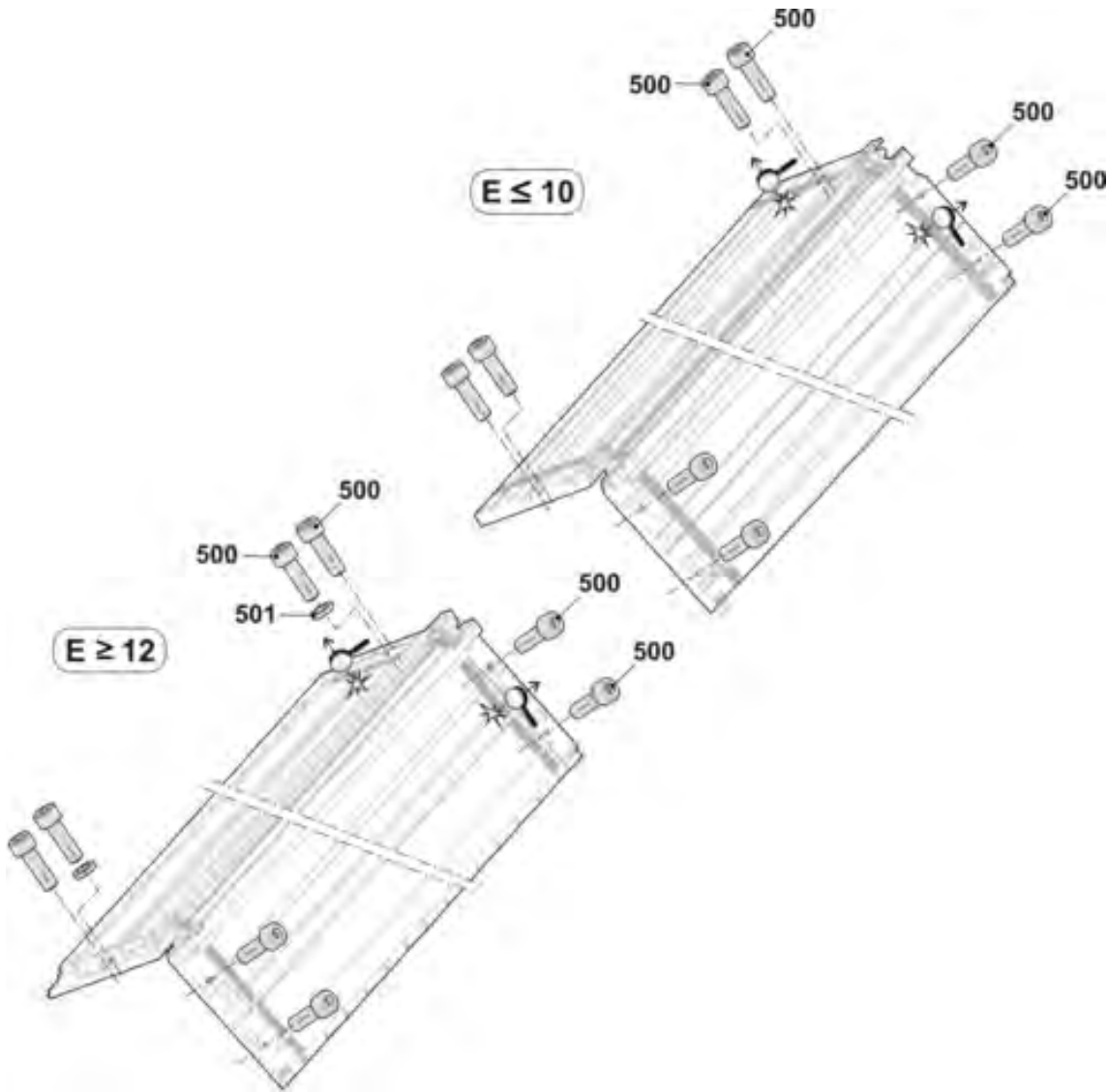
4.9.1 Continuation needle bed E8.2

Pos	Designation	Id		Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995		503	Cap screw M5x12-8.8	022 943
5	Spring steel wire $\varnothing 0,5$	220 759		505	Springy thrust piece	023 177
14	Limiter on the left E16-20	220 821		506	Shim0,02x18,5x345	023 194
15	Limiter on the right E16-20	220 822		507	Shim0,03x18,5x34	023 195
22	Locating wire $\varnothing 2,8$	223 922		508	Shim0,05x18,5x34	023 196
26	Spring steel wire $\varnothing 2,0$	213 996		509	Shim0,1x18,5x34	023 197
502	Cap screw M5x22	023 193		510	Shim0,2X18,5X34	023 253



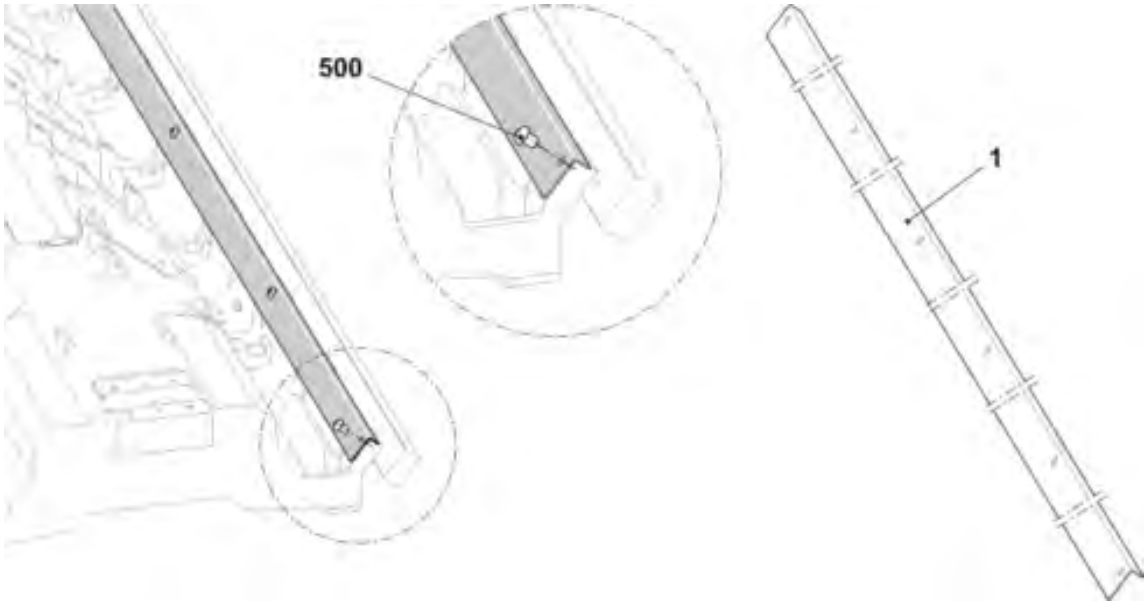
4.10 Needle beds, fixing elements

Pos	Designation	ID		Pos	Designation	ID
Σ	Fixing elements					
500	Cap screw M8x25	020 142		501	Washer	214 040



4.11 Cover

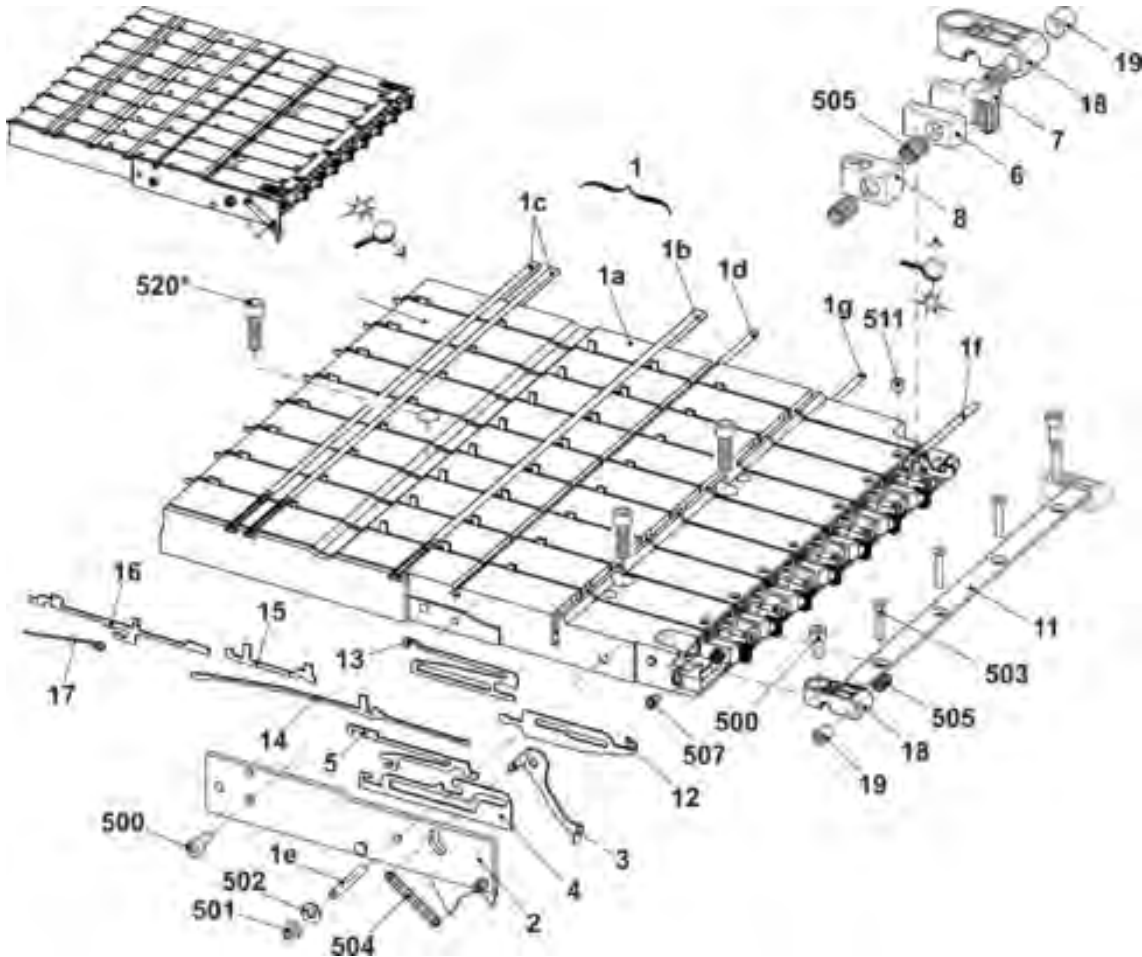
Pos	Designation	Id		Pos	Designation	Id
1	Cover	241 922		500	Pan-head screwM8x10	241 930



4.12 Left clamping and cutting E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

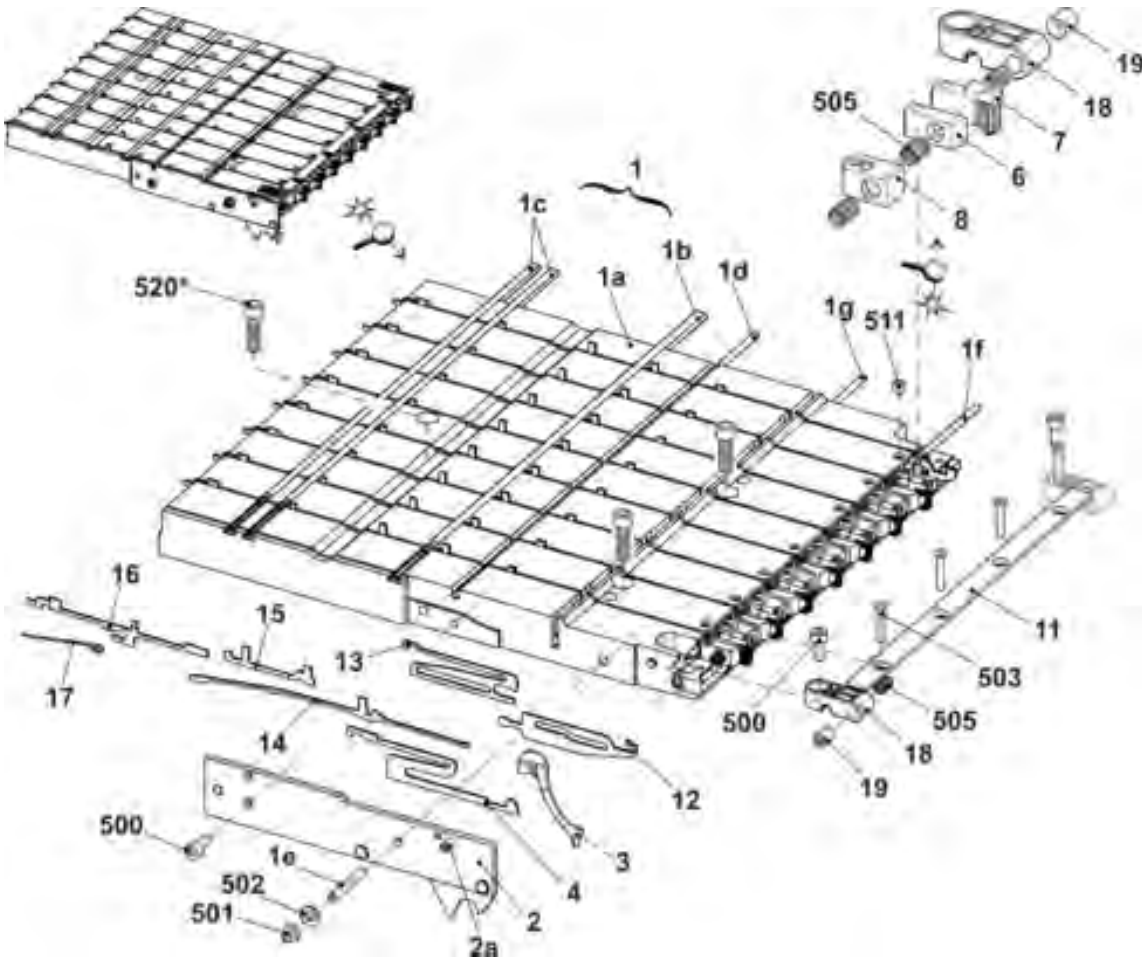
4.12 Left clamping and cutting
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

Pos	Designation		ID		Pos	Designation		ID
S	Left clamping and cutting bed E10-14		253 162		11	Holding strip		253 176
1	Guide plate EPT on the left E5-14		257 194		12	Catch needle on the left E5-14		255 813
	1a	Guide plate on the left E10-14	257 190		13	Intermediate cam E10-14		244 591
	1b	Cover rail	253 173		14	Coupling part E5-8		253 381
	1c	Cover rail	253 174		15	Intermediate slider with brake E5-8		255 534
	1d	Locating wire	253 172		16	Selection jack E4-8		200 687
	1e	Guide pin	211 351		17	Selector spring E4-8		200 690
	1f	Locating wire	253 171		18	Spring holder		255 724
	1g	Locating wire	215 927		19	Threaded bolt		255 723
	511	Setscrew M5x5	236 061		500	Cap screw M4x10		023 136
2	Cover on the left complete E10-14		251 120		501	Hexagon nut M4		023 046
3	Catch hook on the left E10-18		255 622		502	Washer 4		020 870
4	SliderE10-14		253 089		503	Pan-head screw M3x18		242 728
5	Intermediate cam E10-14		253 090		504	Tension spring 5x0,5x17,4		023 377
6	Blade		243 948		505	Compression spring 07x4,3x12,1		023 521
7	Clamp on the left complete		244 633		507	Springy thrust piece		023 403
8	Intermediate piece		255 719		520*	Cap screw M6x20		244 824



4.13 Left clamping and cutting bed E16 | E18 | E8.2

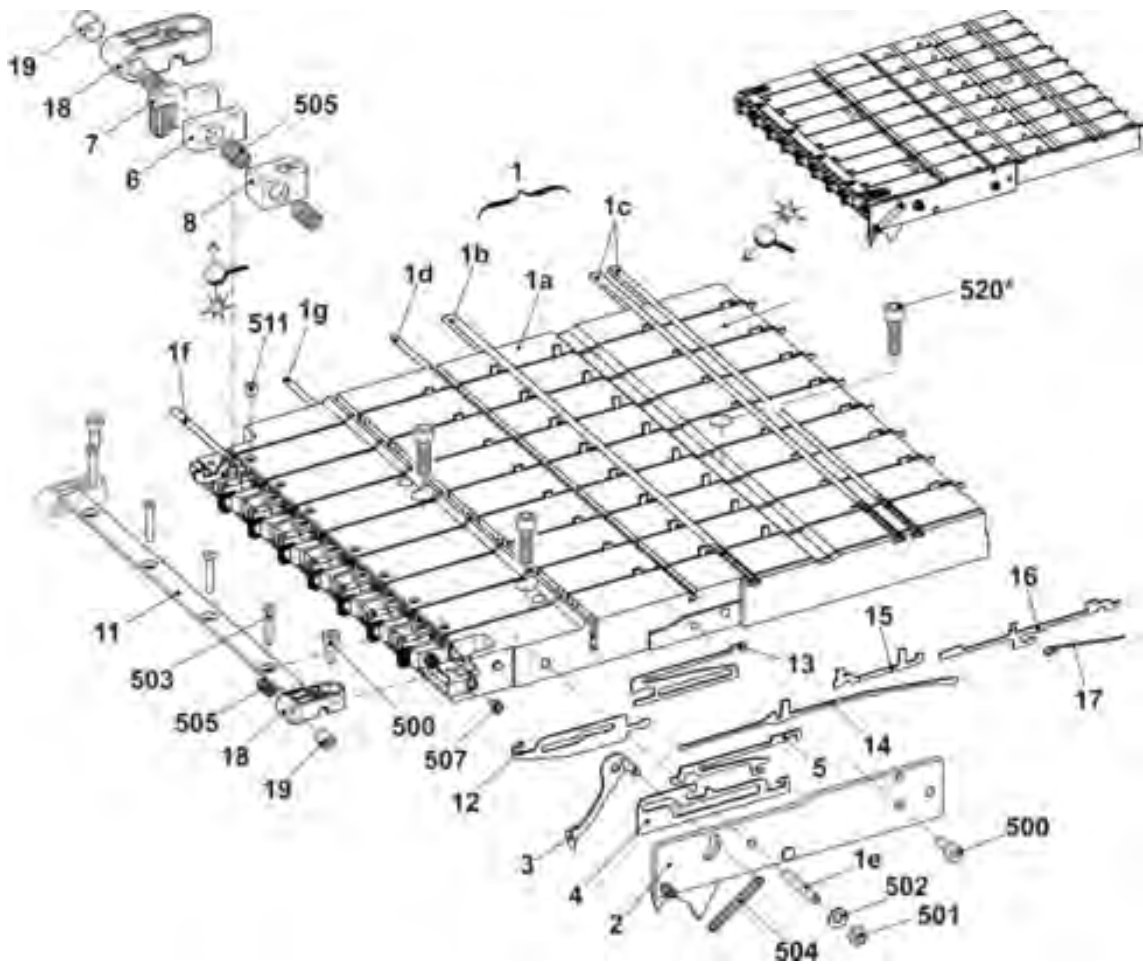
Pos	Designation		Id		Pos	Designation		Id
Σ	Left clamping and cutting bed E16-18		253 164		8	Intermediate piece		255 719
1	Guide plate EPT on the left E16-18		257 196		11	Holding strip		253 176
	1a	Guide plate on the left E16-18	257 192		12	Catch needle on the left E16-18		255 814
	1b	Cover rail	253 173		13	Intermediate cam		244 741
	1c	Cover rail	253 174		14	Coupling part E10-12		253 382
	1d	Locating wire	253 172		15	Intermediate slider with brake E10-12		255 535
	1e	Guide pin	211 351		16	Selection jack E10-12		200 688
	1f	Locating wire	253 171		17	Selector spring E10-12		200 691
	1g	Locating wire	215 927		18	Spring holder		255 724
	511	Setscrew M5x5	236 061		19	Threaded bolt		255 723
2	Cover on the left complete E16-18		259 407		500	Cap screw M4x10		023 136
A2	Springy thrust piece		260 235		501	Hexagon nut M4		023 046
3	Catch hook on the left E10-18		259 311		502	Washer4		020 870
4	SliderE16-18		259 309		503	Pan-head screw M3x18		242 728
6	Blade		243 948		505	Compression spring 07x4,3x12,1		023 521
7	Clamp on the left complete		244 633		520*	Cap screw M6x20		244 824



4.14 Right clamping and cutting bed E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

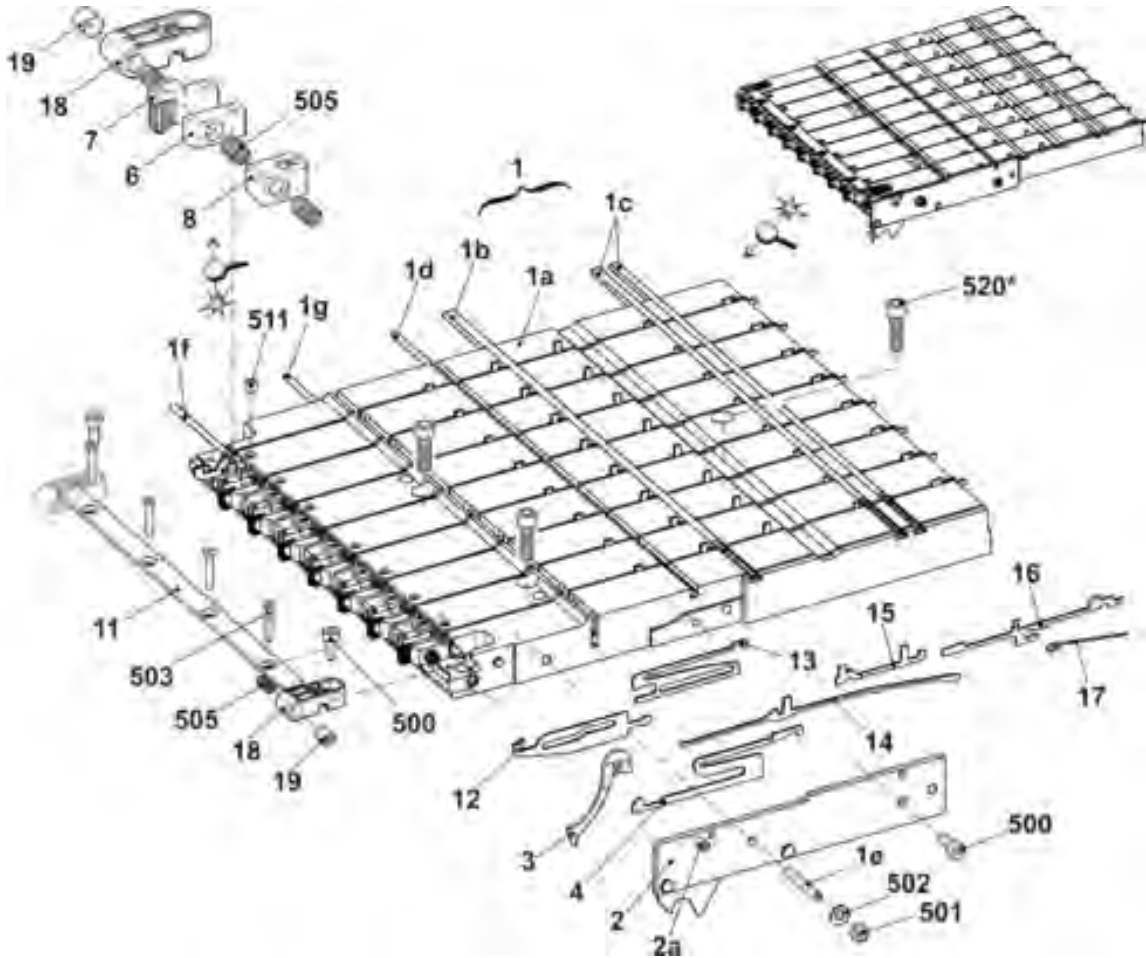
4.14 Right clamping and cutting bed
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

Pos	Designation		ID		Pos	Designation	ID
S	Clamping and cutting bed on the right E10-14		253 161		11	Holding strip	253 176
1	Guide plate EPT on the right E5-14		257 193		12	Catch needle on the right E5-14	255 692
	1a	Guide plate on the rightE5-14	257 189		13	Intermediate cam E10-14	244 591
	1b	Cover rail	253 173		14	Coupling part E5-8	253 381
	1c	Cover rail	253 174		15	Intermediate slider with brake E5-8	255 534
	1d	Locating wire	253 172		16	Selection jack E4-8	200 687
	1e	Guide pin	211 351		17	Selector spring E4-8	200 690
	1f	Locating wire	253 171		18	Spring holder	255 724
	1g	Locating wire	215 927		19	Threaded bolt	255 723
	511	Setscrew M5x5	236 061		500	Cap screw M4x10	023 136
2	Cover on the right complete E10-14		251 119		501	Hexagon nut M4	023 046
3	Catch hook on the right complete E10-18		255 620		502	Washer4	020 870
4	SliderE10-14		253 089		503	Pan-head screw M3x18	242 728
5	Intermediate cam E10-14		253 090		504	Tension spring 5x0,5x17,4	023 377
6	Blade		243 948		505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the right complete		244 602		507	Springy thrust piece	023 403
8	Intermediate piece		255 719		520*	Cap screw M6x20	244 824



4.15 Right clamping and cutting bed E16 | E18 | E8.2

Pos	Designation		Id		Pos	Designation		Id
Σ	Clamping and cutting bed on the right E16-18		253 163		8	Intermediate piece		255 719
1	Guide plate EPT on the right E16-18		257 195		11	Holding strip		253 176
	1a	Guide plate on the rightE16-18	257 191		12	Catch needle on the right E16-18		255 693
	1b	Cover rail	253 173		13	Intermediate cam		244 741
	1c	Cover rail	253 174		14	Coupling part E10-12		253 382
	1d	Locating wire	253 172		15	Intermediate slider with brake E10-12		255 535
	1e	Guide pin	211 351		16	Selection jack E10-12		200 688
	1f	Locating wire	253 171		17	Selector spring E10-12		200 691
	1g	Locating wire	215 927		18	Spring holder		255 724
	511	Setscrew M5x5	236 061		19	Threaded bolt		255 723
2	Cover on the right complete E16-18		259 406		500	Cap screw M4x10		023 136
A2	Springy thrust piece		260 235		501	Hexagon nut M4		023 046
3	Catch hook on the right E10-18		259 310		502	Washer4		020 870
4	SliderE16-18		259 309		503	Pan-head screw M3x18		242 728
6	Blade		243 948		505	Compression spring 07x4,3x12,1		023 521
7	Clamp on the right complete		244 602		520*	Cap screw M6x20		244 824



4.15 Right clamping and cutting bed E16 | E18 | E8.2

Notes:

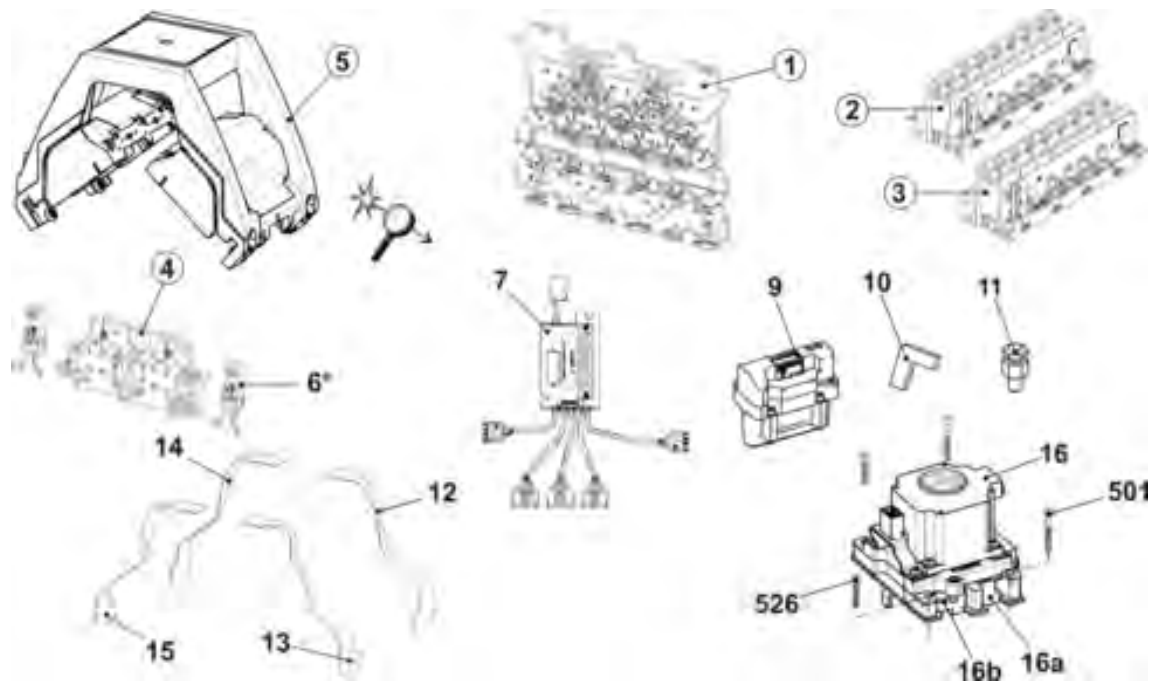
5 Carriage



5.1 Overview of carriage

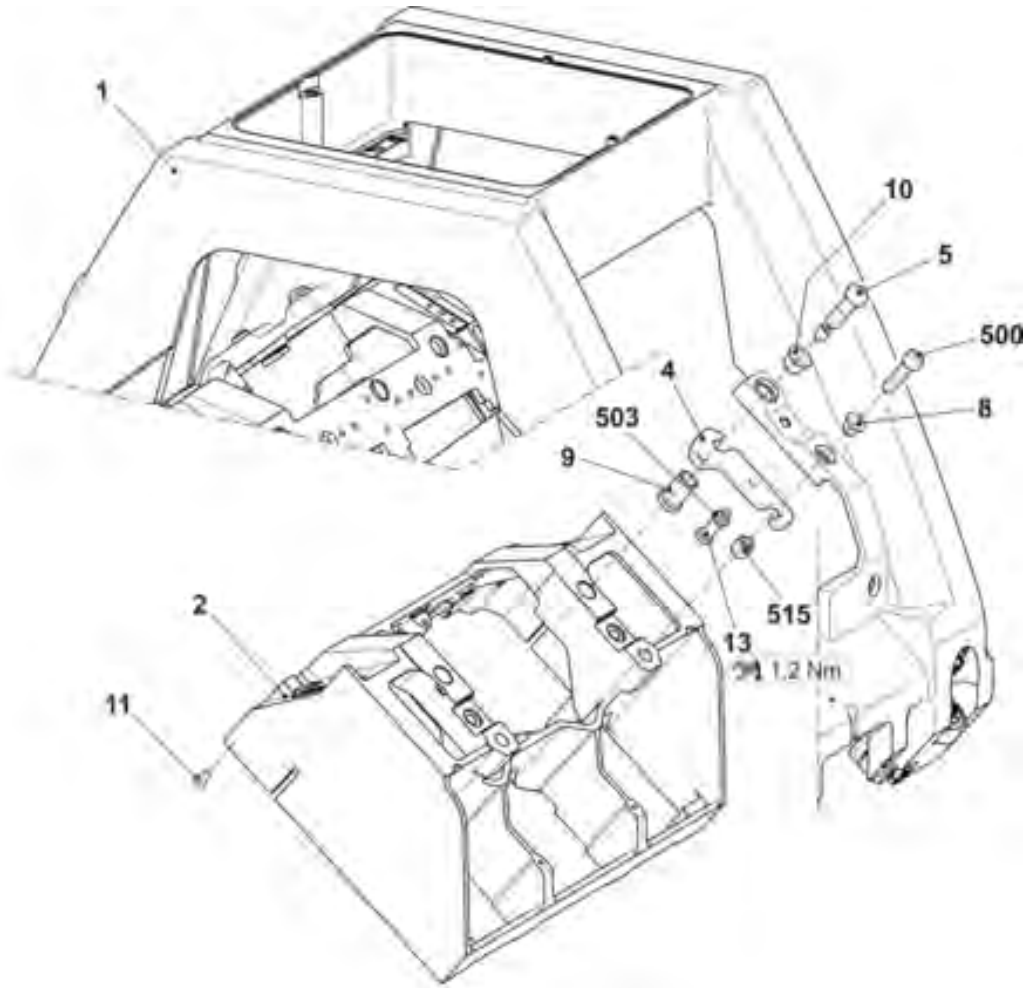
5.1 Overview of carriage

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage complete			4	Holding-down jack control complete	
	E10	256 484			E10	259 626
	E12	256 485			E12 E14 E6.2 E6.2(12m.10)	259 627
	E14	256 486			E16 E18	259 628
	E16 E18	253 329			E7.2	259 629
	E6.2(12m.10)	256 488			E8.2	259 630
	E6.2	255 770		5	Carriage assembly complete	253 302
	E7.2	256 490		6*	Sinker opener complete	256 623
	E8.2	257 038		7	Distributor	255 695
1	Cam box complete			9	Selection system complete	
	E10	259 255			E10 E12 E6.2 E6.2(12m.10)	216 219
	E12	259 256			E14 E7.2	229 300
	E14	259 257			E16 E18	220 114
	E16 E18	259 258		10	Wiper (felt)	241 411
	E6.2 (12m.10)	259 259		11	Bolts	212 392
	E6.2	259 260		12	Guide plate at the rear on the left	255 436
	E7.2	259 261		13	Guide plate at the rear on the right	255 437
	E8.2	259 262		14	Cover plate on the left	250 274
2	FF driving outside complete	245 297		15	Cover plate on the right	250 275
3	FF driving in the middle complete	245 298		16	Motor unit complete(ATM)	251 827
501	Cap screwM4x35	023 550		16a	Gear rack at the top complete	251 817
526	Cap screwM4x20	023 171		16b	Gear rack at the bottom complete	251 818



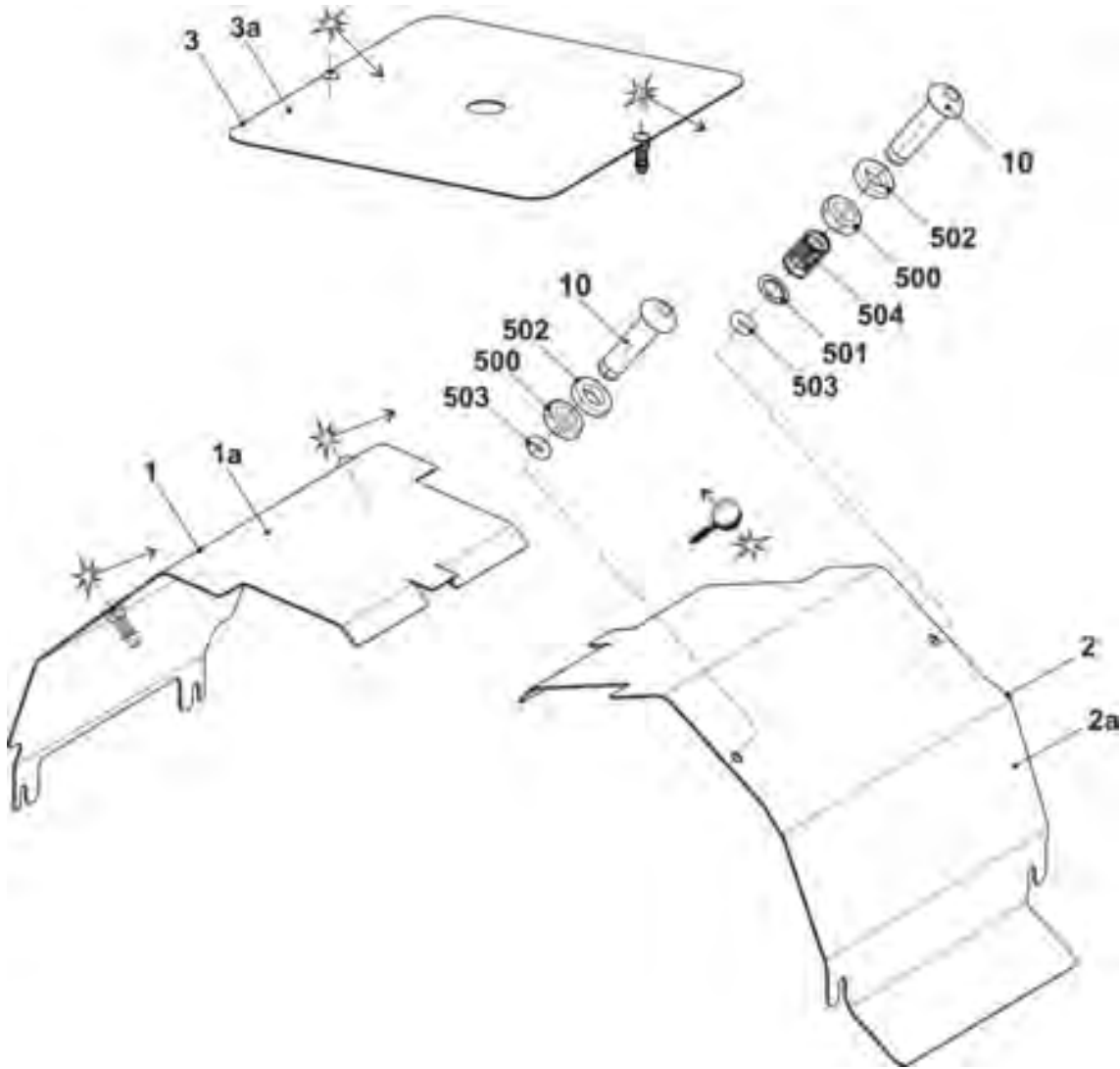
5.2 Carriage assembly

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage assembly 2 cam boxes	253 302				
1	Carriage frame, 2 cam boxes	258 757		10	Bush	209 274
2	Carriage part, 2 cam boxes	253 116		11	Eccentric	222 983
5	Shoulder screw	211 750		13	Locating bolt linking spot	244 179
4	Shim	225 312		500	Cap screwM8x30	020 143
8	Bush	207 546		503	Circlip6	021 022
9	Bush	209 275		515	Threaded bush	041 863



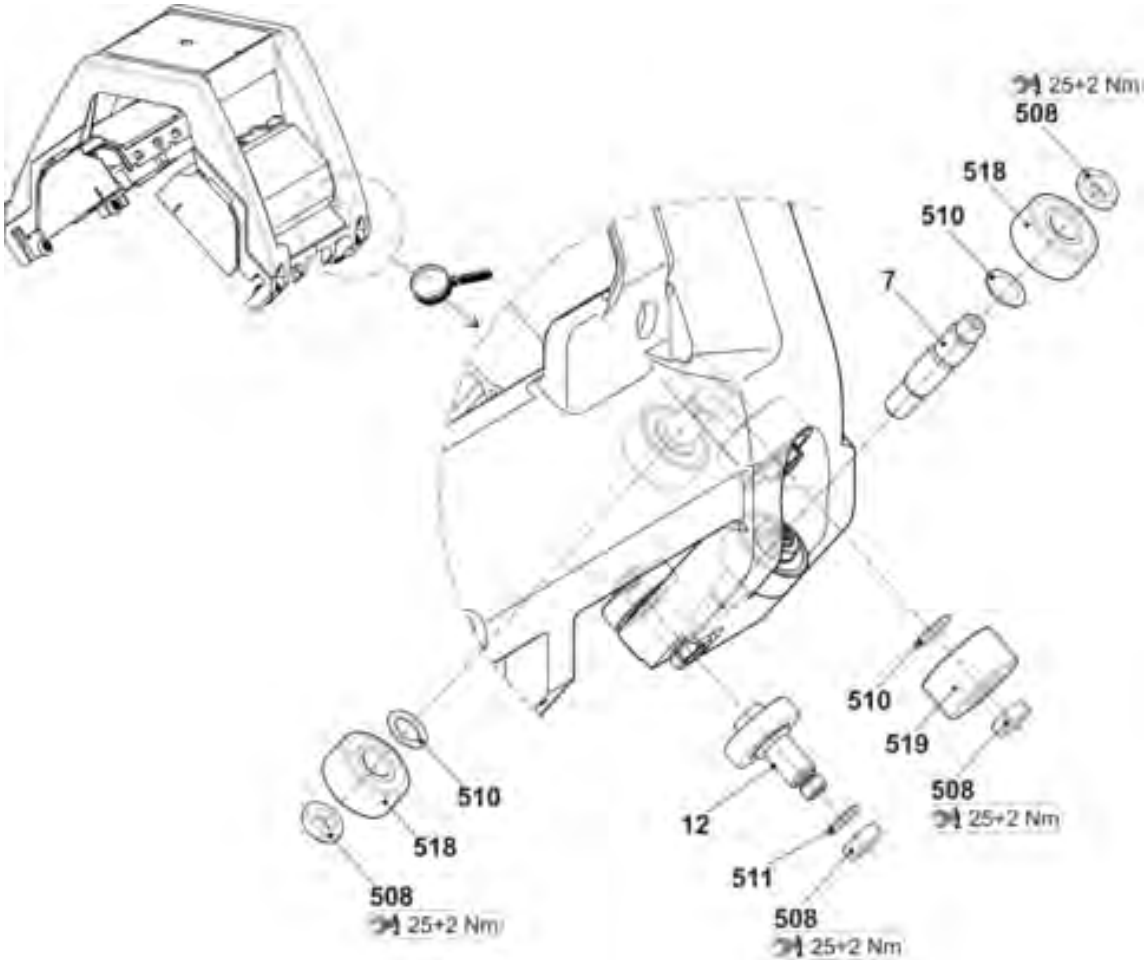
5.3 Carriage cover

Pos	Designation		Id		Pos	Designation		Id
1	Carriage cover at the rear complete		257 175		1	1a	Carriage cover at the rear	253 318
2	Carriage cover at the front complete		257 174		2	A2	Carriage cover at the front	253 318
3	Carriage cover at the top complete		257 102		3	3a	Carriage cover at the top	253 317
	10	Locating bolt	242 382			502	Serrated lock washer J6,4	022 385
	500	Hexagon nut M6	257 088			503	O-ring 3x2	242 420
	501	Washer6,1x9x0,5	023 554			504	Compression spring 0,48x7,02x17,29	023 654



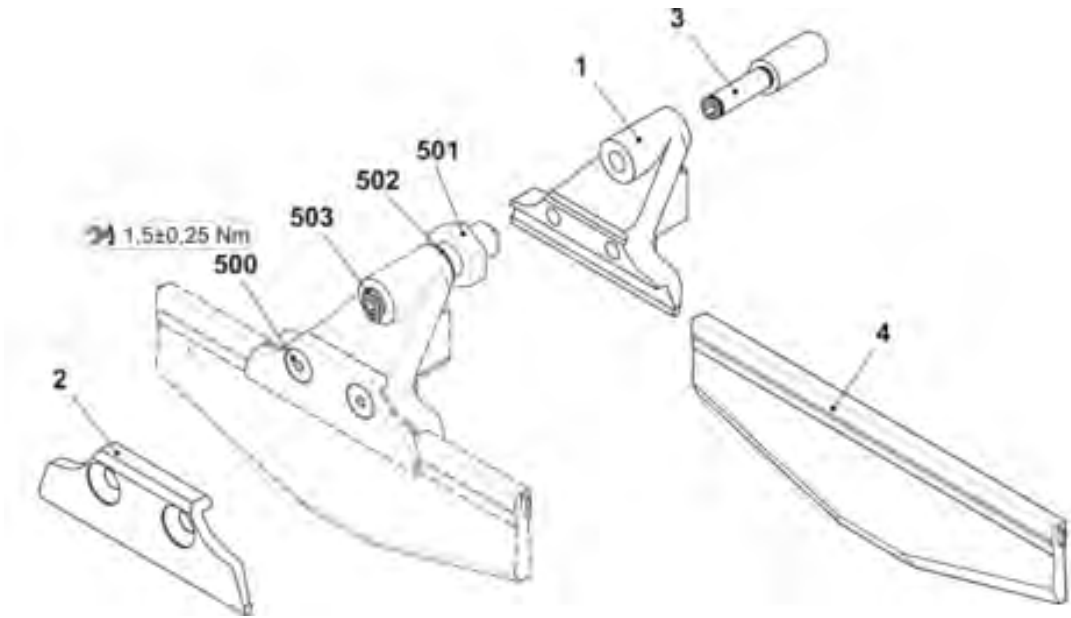
5.4 Carriage guide

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



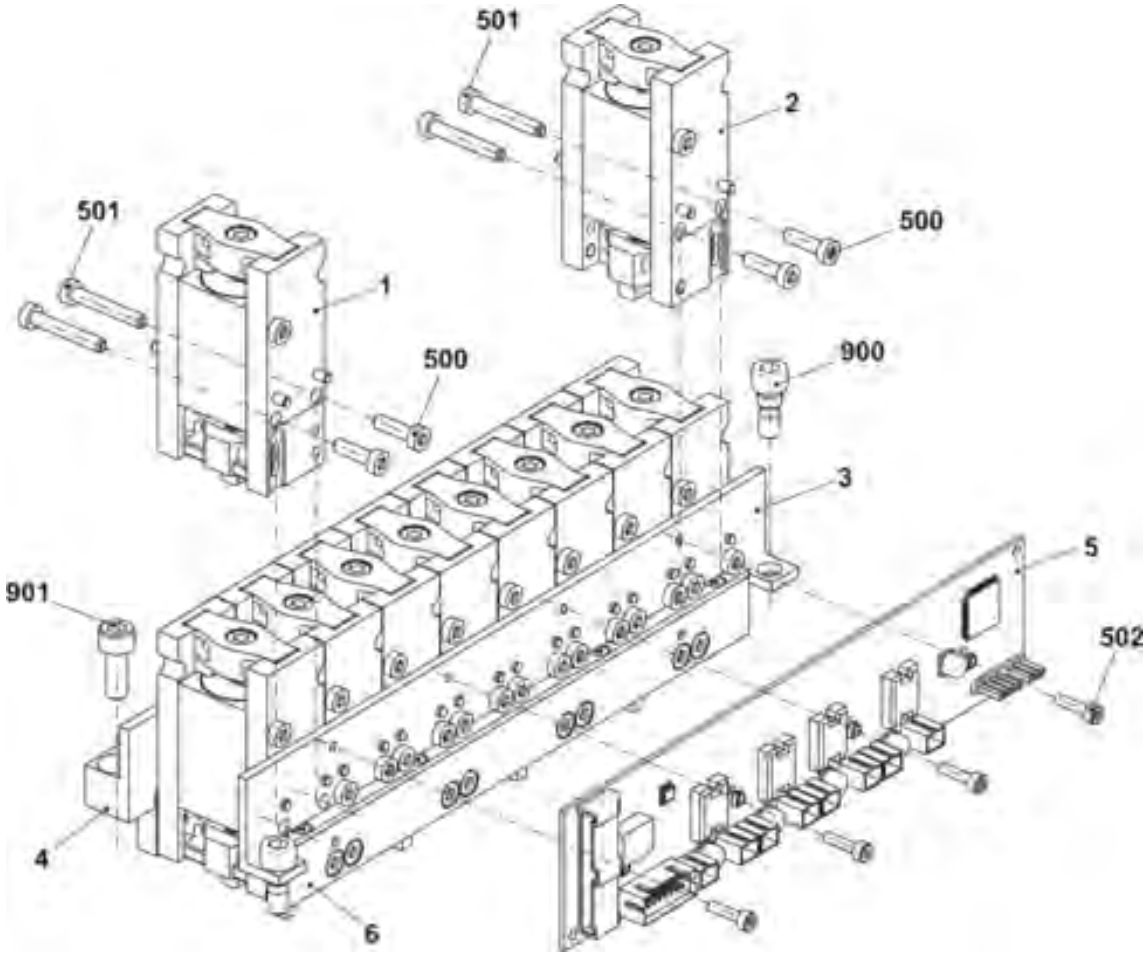
5.5 Brush holder

Pos	Designation	ID		Pos	Designation	ID
Σ	Brush holder complete			4	Brush	
	E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	252 749			E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	243 074
	E16 E18 E8.2	213 710			E16 E18 E8.2	203 254
1	Brush holder	213 009		500	Countersunk head screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8x5	023 750
3	Threaded rod	209 740		502	Shim ring 5x10x0,5	023 348
				503	Locking ring 5x0,6	023 347



5.6 Yarn carrier driving without guide part

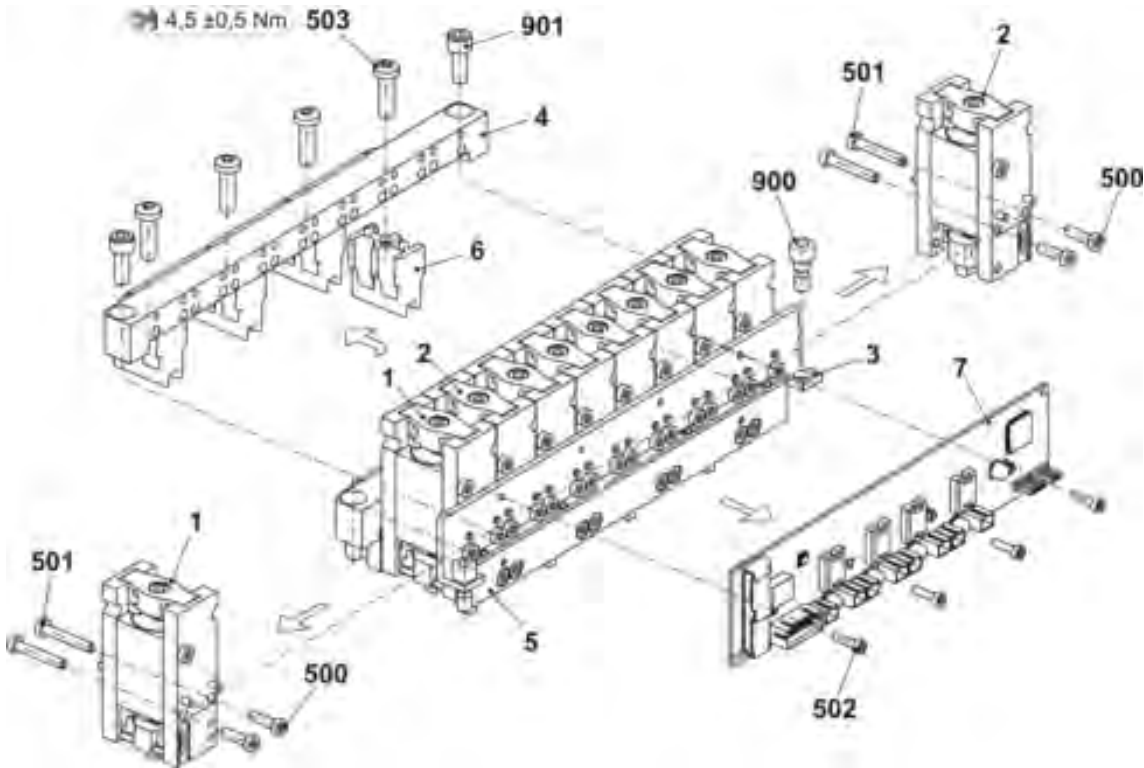
Pos	Designation	Id		Pos	Designation	Id
Σ	FF driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screwM4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118		501	Cap screw M4x25-I-Torx	245 305
3	Holding angle for 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 screwM6x16	020 135



5.7 Yarn carrier driving with guide part

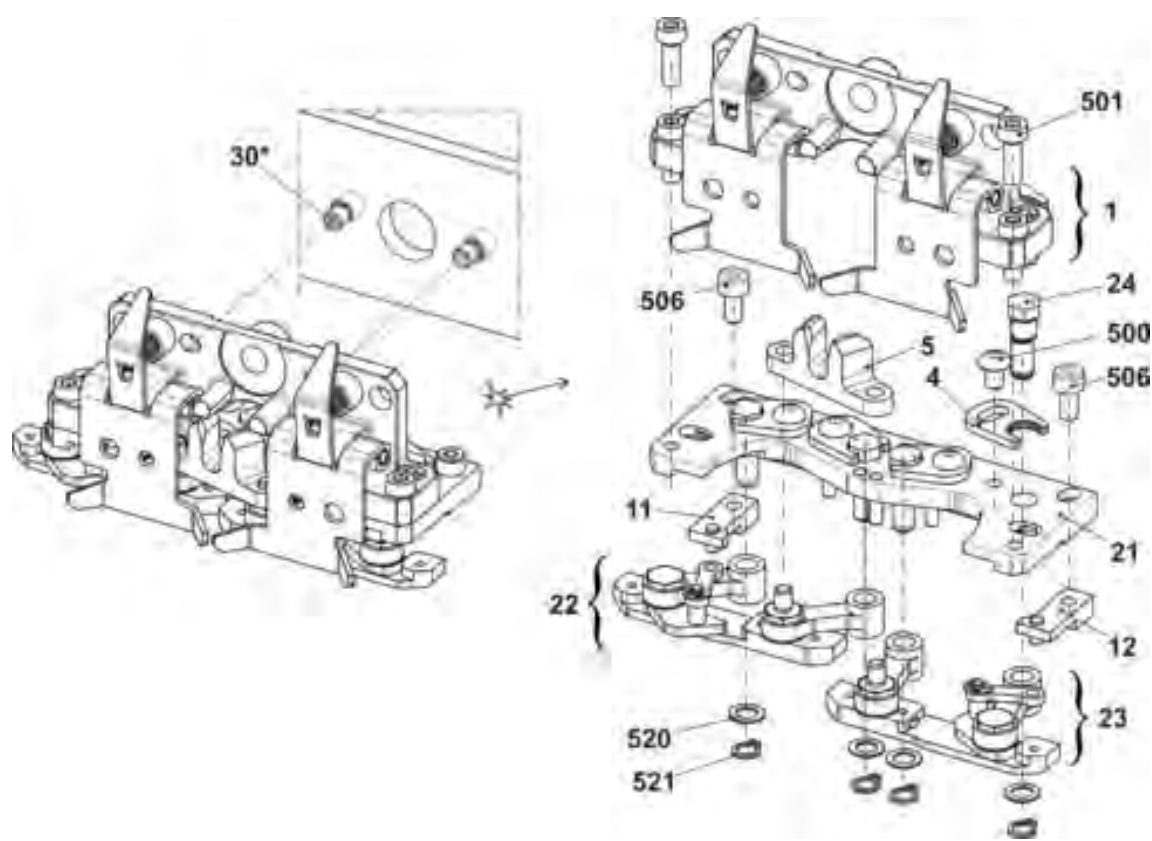
5.7 Yarn carrier driving with guide part

Pos	Designation	ID		Pos	Designation	ID
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 screwM4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118		501	Cap screwM4x25-I-Torx	245 305
3	Holding angle for jack	245 313		502	Cap screwM3x12-12.9	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 screwM6x16	020 135



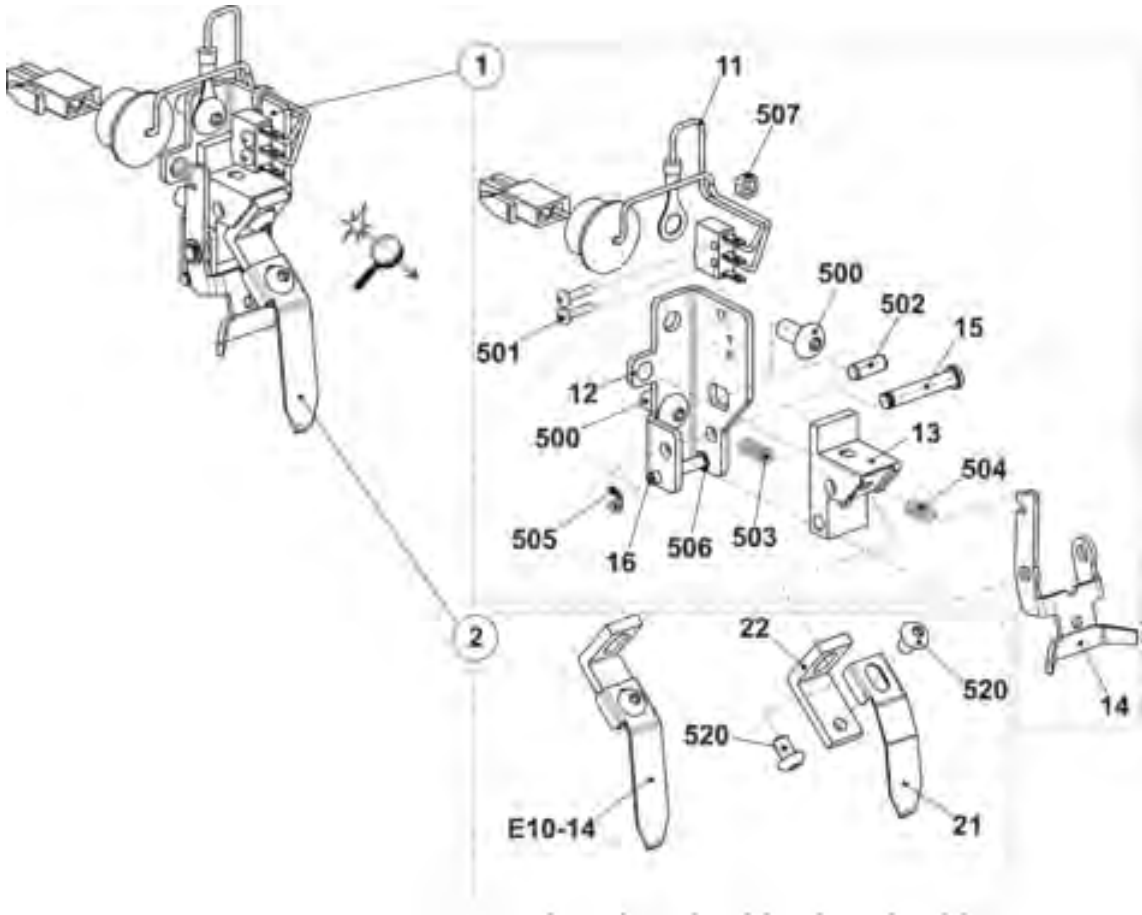
5.8 Holding-down jack control

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack control complete		22	E7.2	256 394
	E10	259 626		E8.2	256 395
	E12 E14 E6.2 E6.2(12m.10) E14/12	259 627	23	Slider on the left complete	
	E16 E18	259 628		E10	256 396
	E7.2	259 629		E12 E14 E6.2 E6.2(12m.10) E14/12	256 397
	E8.2	259 630		E16 E18	256 398
				E7.2	256 399
1	Assembly plate complete	256 311		E8.2	256 400
4	Adjusting plate	256 388	24	Bolts	209 722
5	Plunger	256 059	500	Pan-head screw M4x6	023 427
11	Slider on the right	259 457	501	Cap screw M4x12	241 859
12	Slider on the left	259 456	506	Cap screw M4x8	022 501
21	Base plate	259 170	520	Shim ring 5x8x0.5	256 371
22	Slider on the right complete		521	Locking ring5x0,6	023 347
	E10	256 391	30*	Eccentric of holding-down jack control	256 994
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 392			
	E16 E18	256 393			



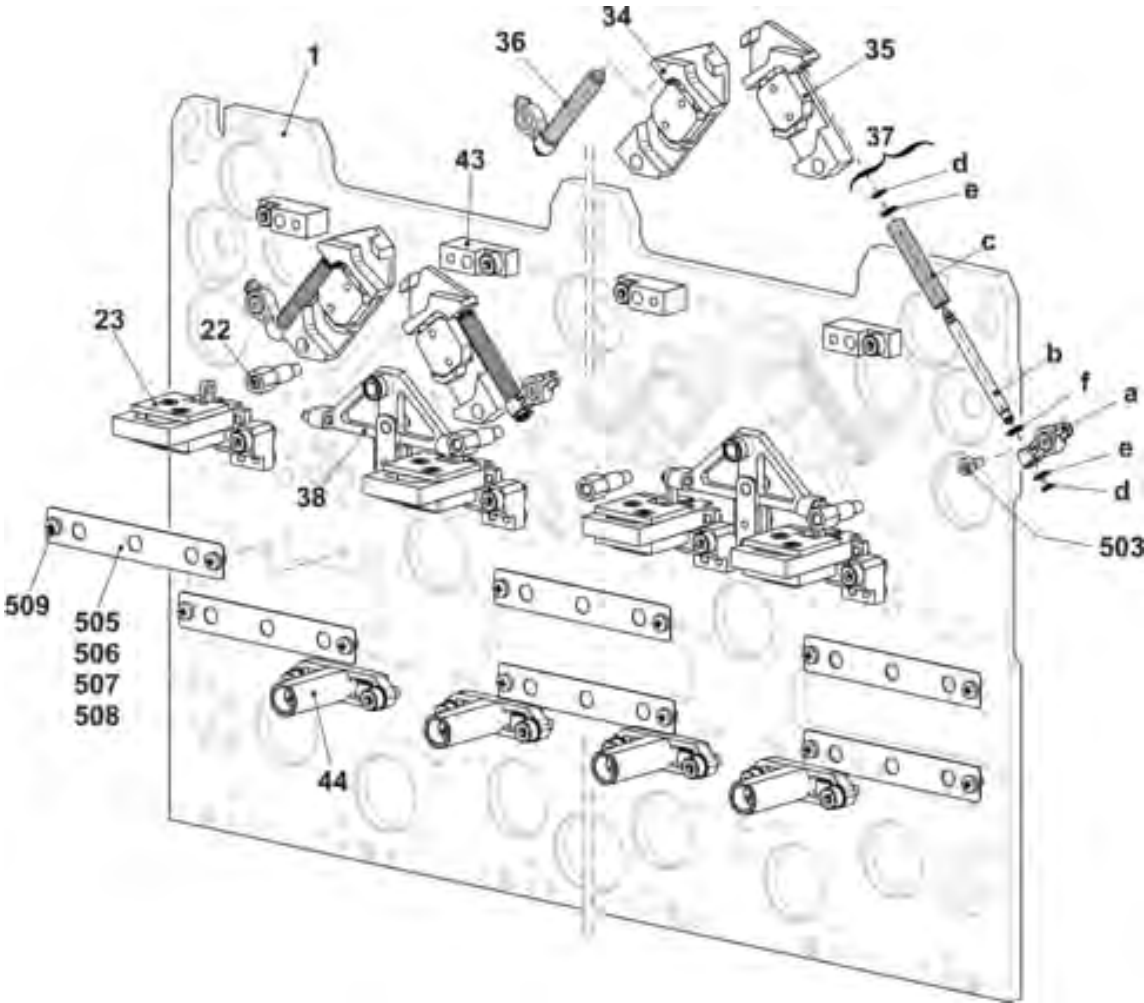
5.9 Needle detector

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle detector				
1	Needle detector pre-assembled	256 475	504	Compression spring 0,4x4x11,2	256 952
	11 Cable of needle detector complete	221 207	505	Circlip	021 018
	12 Retainer	256 476	506	Circlip	023 565
	13 Switch rocker	256 477	507	Cable tape 92x2,4	008 378
	14 Set-out plate	256 094	2	Sensor pre-assembled E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	256 454
	15 Bolts	256 492		21 Sensor E10 E12 E14	255 758
	16 Stop bolt	256 493		22 Angle	255 757
	500 Pan-head screw M5x10	023 247		520 Pan-head screw M4x8	023 579
	501 Pan-head screw M2x8	258 310	2	Sensor pre-assembled E16 E18 E8.2	256 784
	502 Dowel pin4x10-A-St	023 753		21 Sensor E16 E18 E8.2	255 759
	503 Compression spring 4,3x0,45x10	021 398		22 Angle	255 757
				520 Pan-head screw M4x8	023 579



5.10 Cam box E10

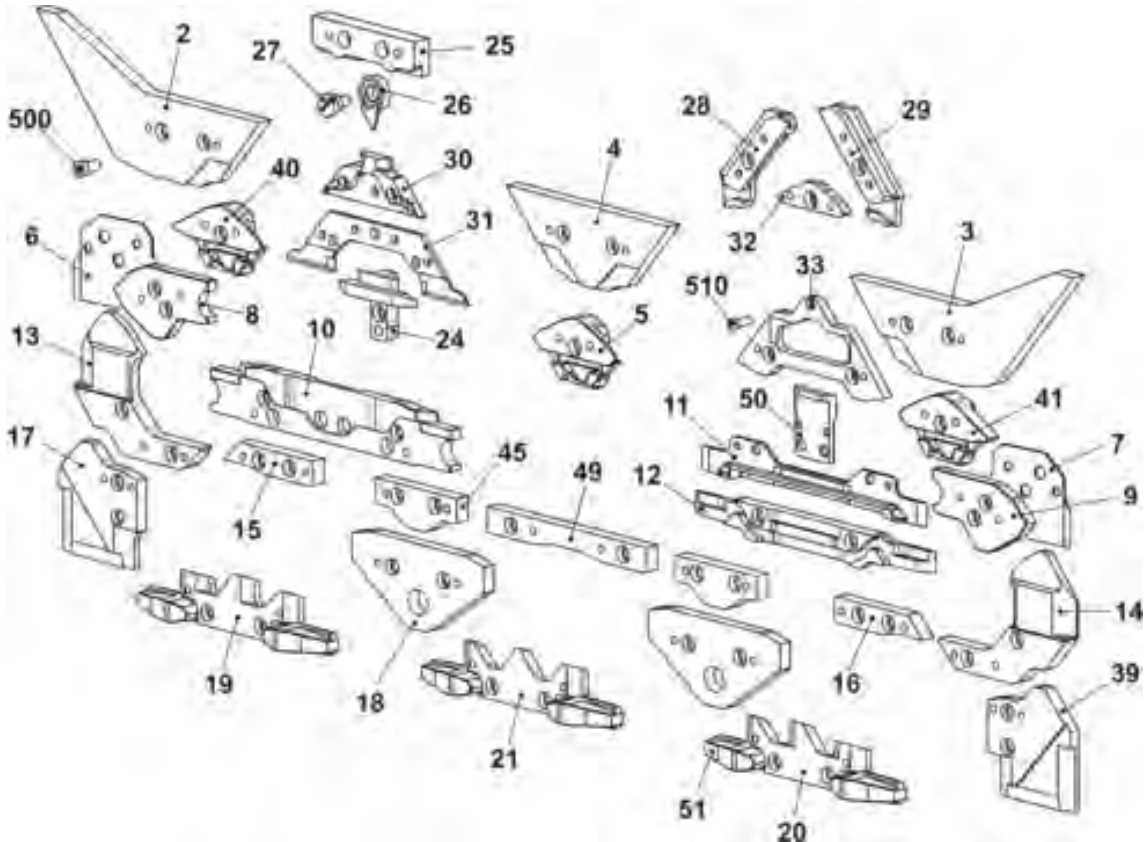
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E10		259 255		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE10		254 246		43	Holding piece		251 828
35	Loop sinking cam on the right completeE10		254 247		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



5.10 Cam box E10

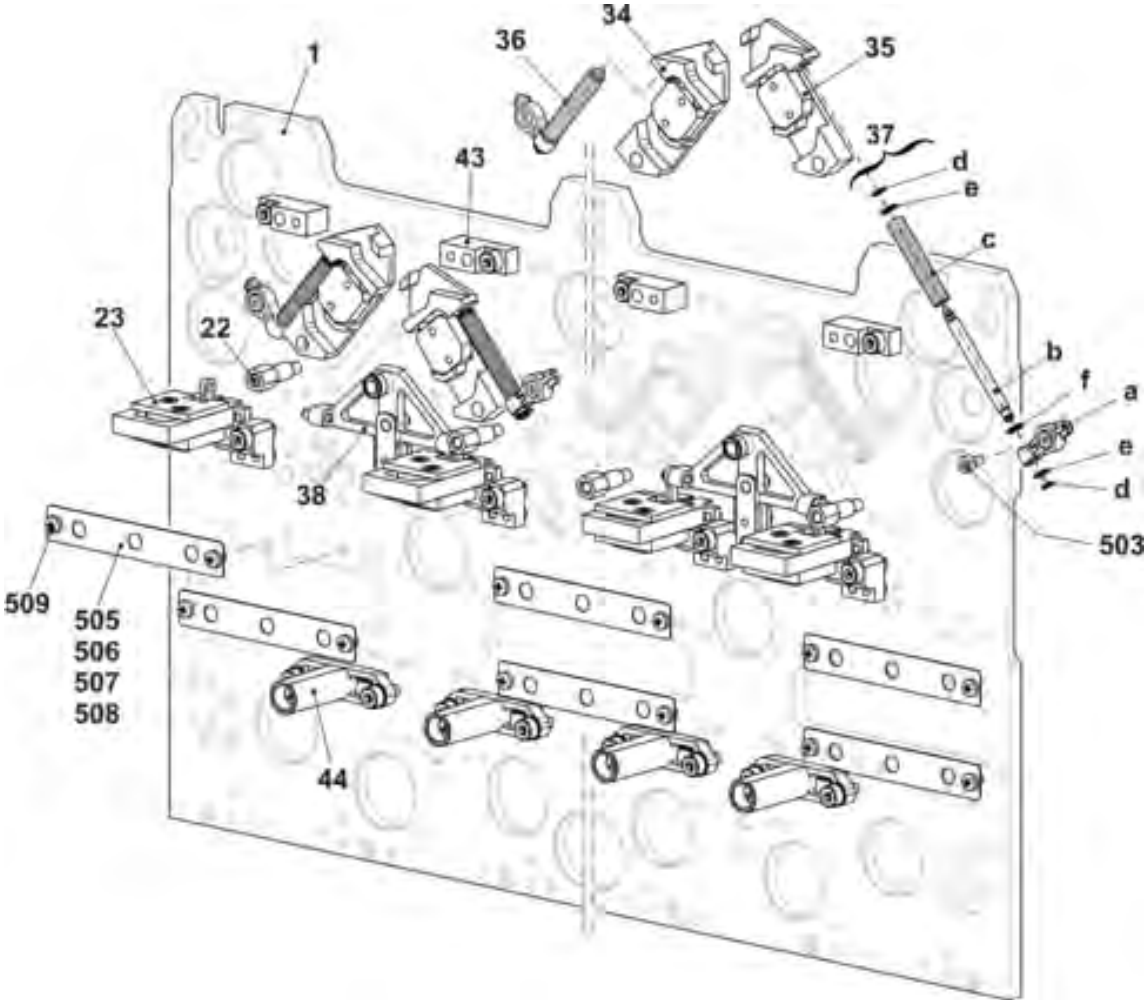
5.10.1 Cams E10

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-18	256 689		26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540		32	Receiving cam E10 E12	251 997
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E10 E12	254 334
12	Cam guide E10-18	255 541			Raising cam with split-stitch E10 E12	254 335
13	Cam on the left E10-18	255 613		39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screwM4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screwM3x8	020 081



5.11 Cam box E12

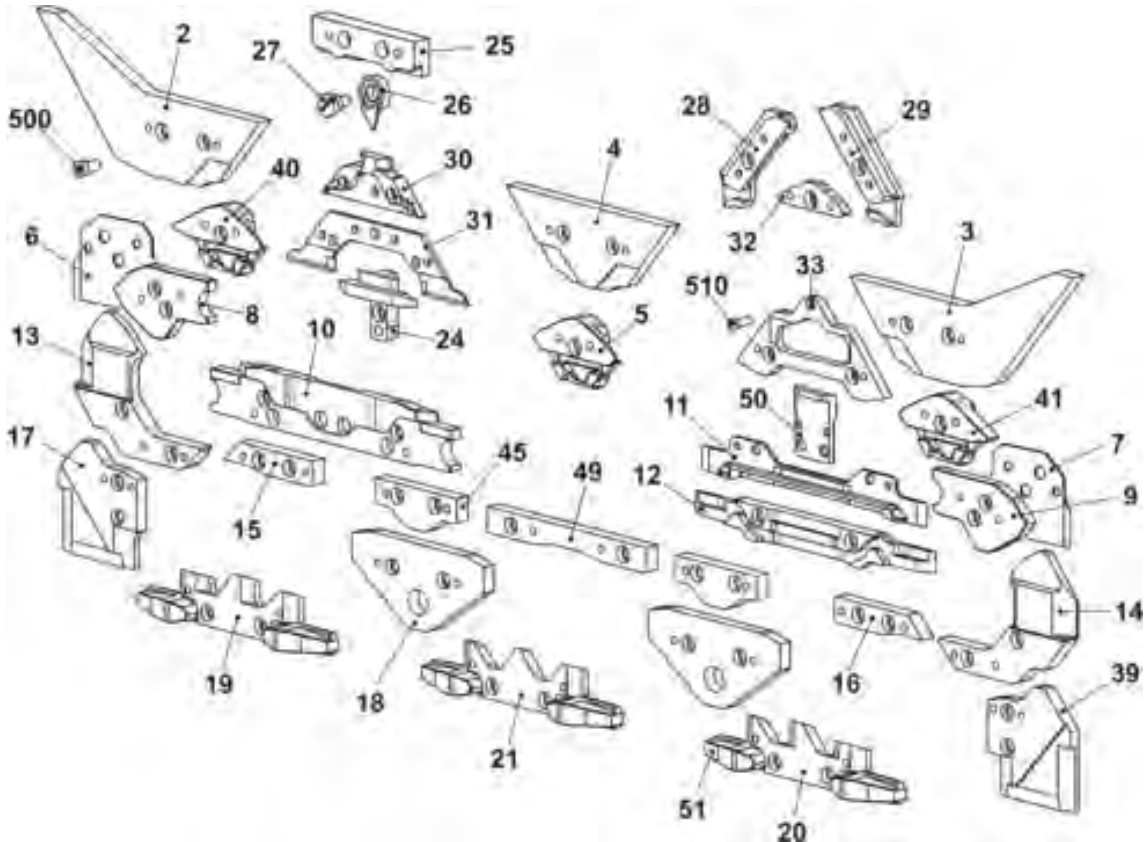
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E12		259 256		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE12-14		254 248		43	Holding piece		251 828
35	Loop sinking cam on the right completeE12-14		254 249		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



5.11 Cam box E12

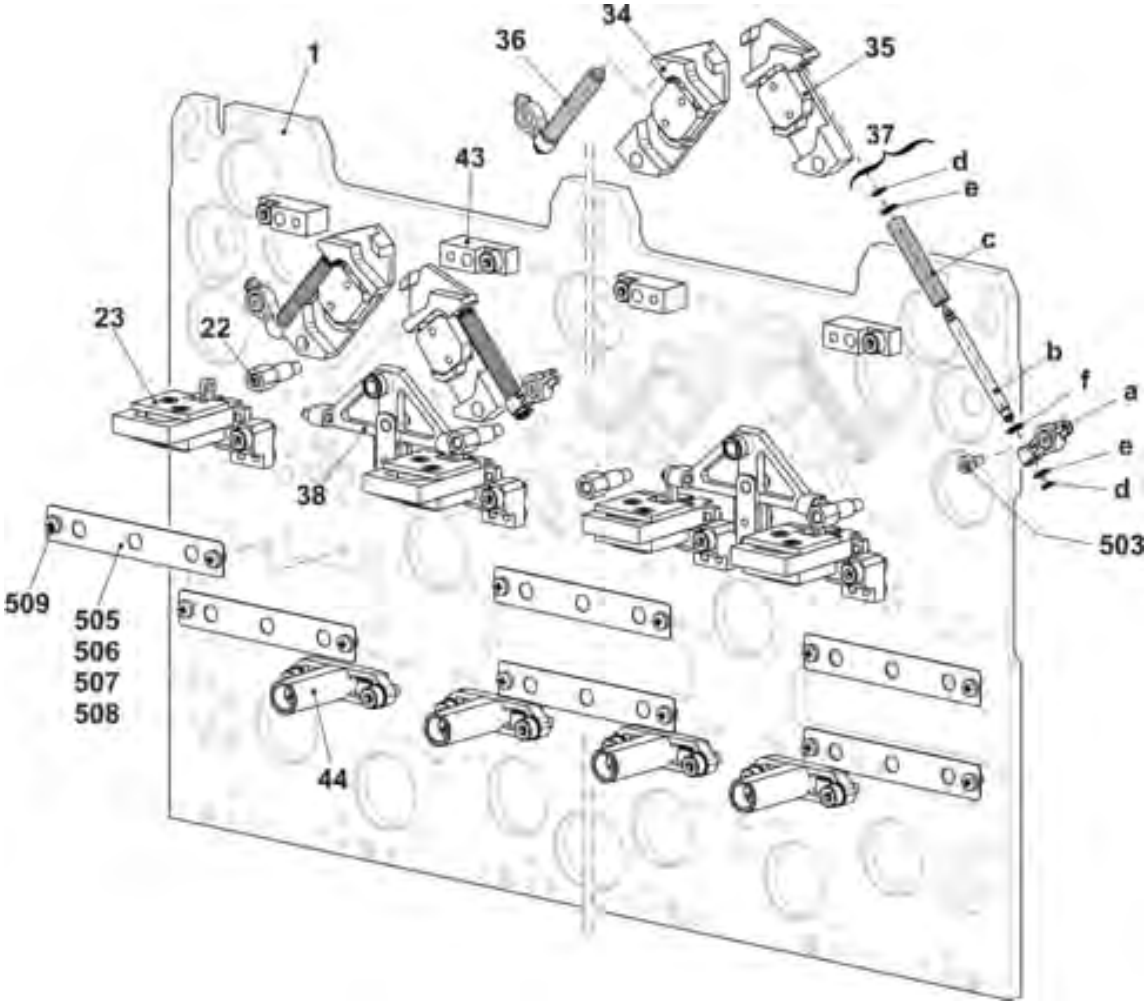
5.11.1 Cams E12

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E12-14	252 522
4	Entry cam at the top E10-18	256 689		26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E12-14	254 298
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540		32	Receiving cam E10 E12	251 997
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E10 E12	254 334
12	Cam guide E10-18	255 541			Raising cam with split-stitch E10 E12	254 335
13	Cam on the left E10-18	255 613		39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screw M3x8	020 081



5.12 Cam box E14

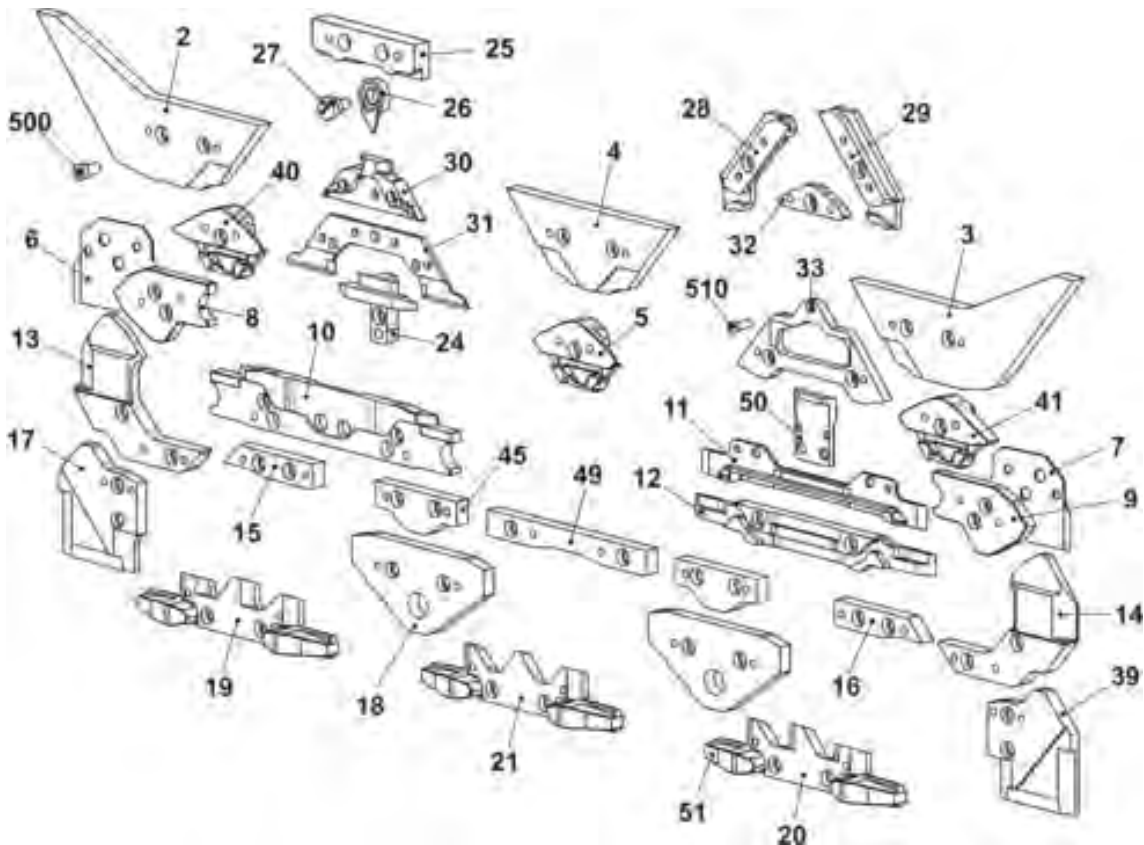
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E14 14/12		259 257		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE12-14		254 248		43	Holding piece		251 828
35	Loop sinking cam on the right completeE12-14		254 249		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



5.12 Cam box E14

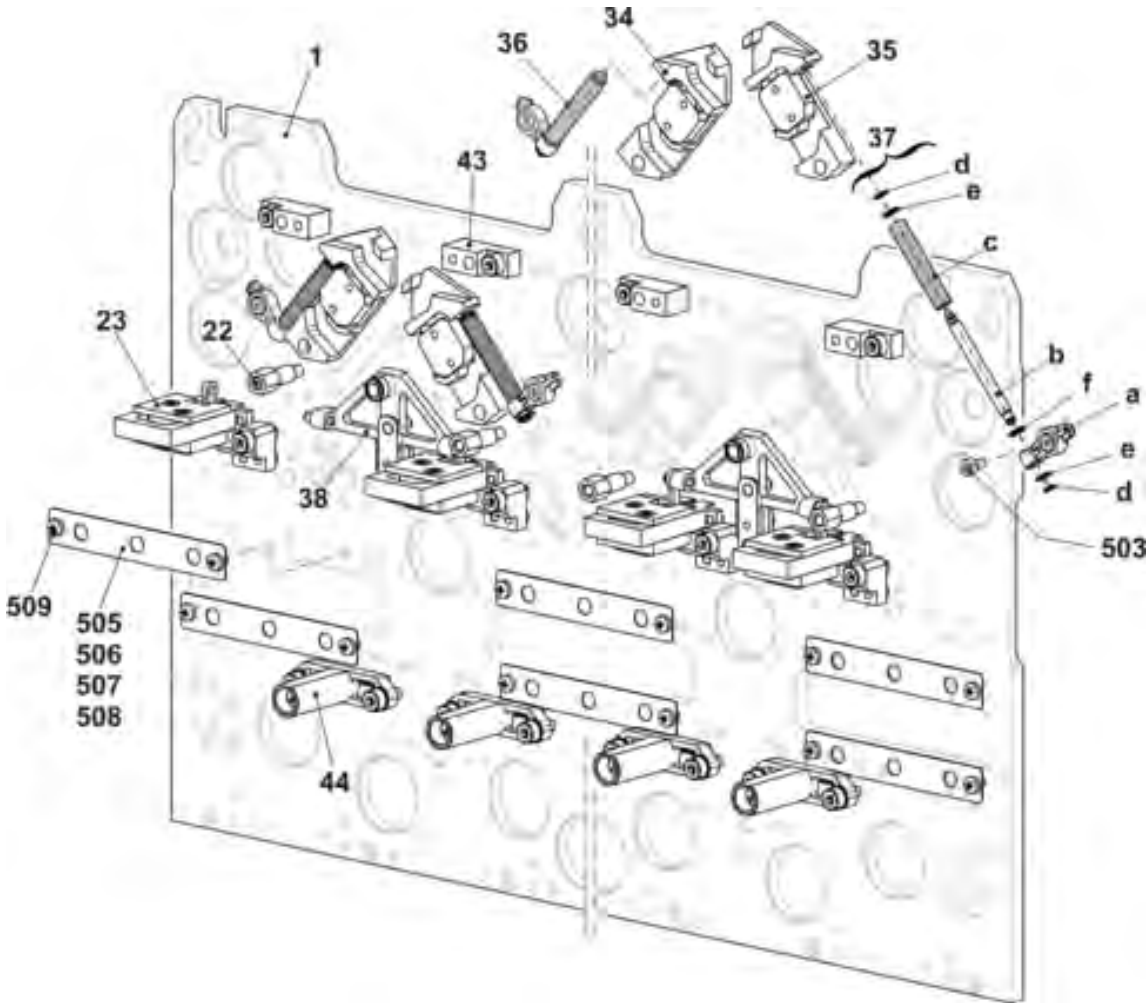
5.12.1 Cams E14

Pos	Designation	ID		Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E12-14	252 522
4	Entry cam at the top E10-18	256 689		26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E12 E14	254 298
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540		32	Receiving cam E14	252 607
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E14	254 336
12	Cam guide E10-18	255 541			Raising cam with split-stitch E14	254 337
13	Cam on the left E10-18	255 613		39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screw M3x8	020 081



5.13 Cam box E16|E18

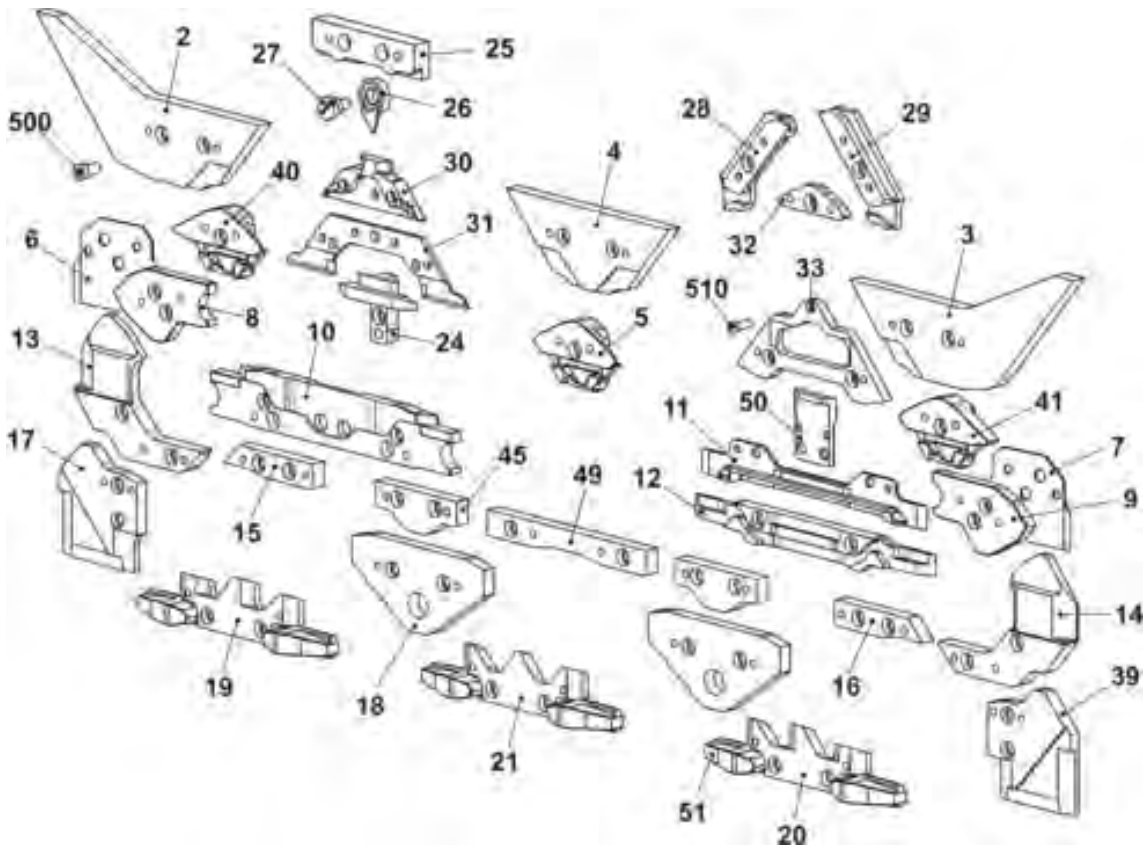
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E16 E18		259 258		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE16-18		251 965		43	Holding piece		251 828
35	Loop sinking cam on the right completeE16-18		251 966		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



5.13 Cam box E16|E18

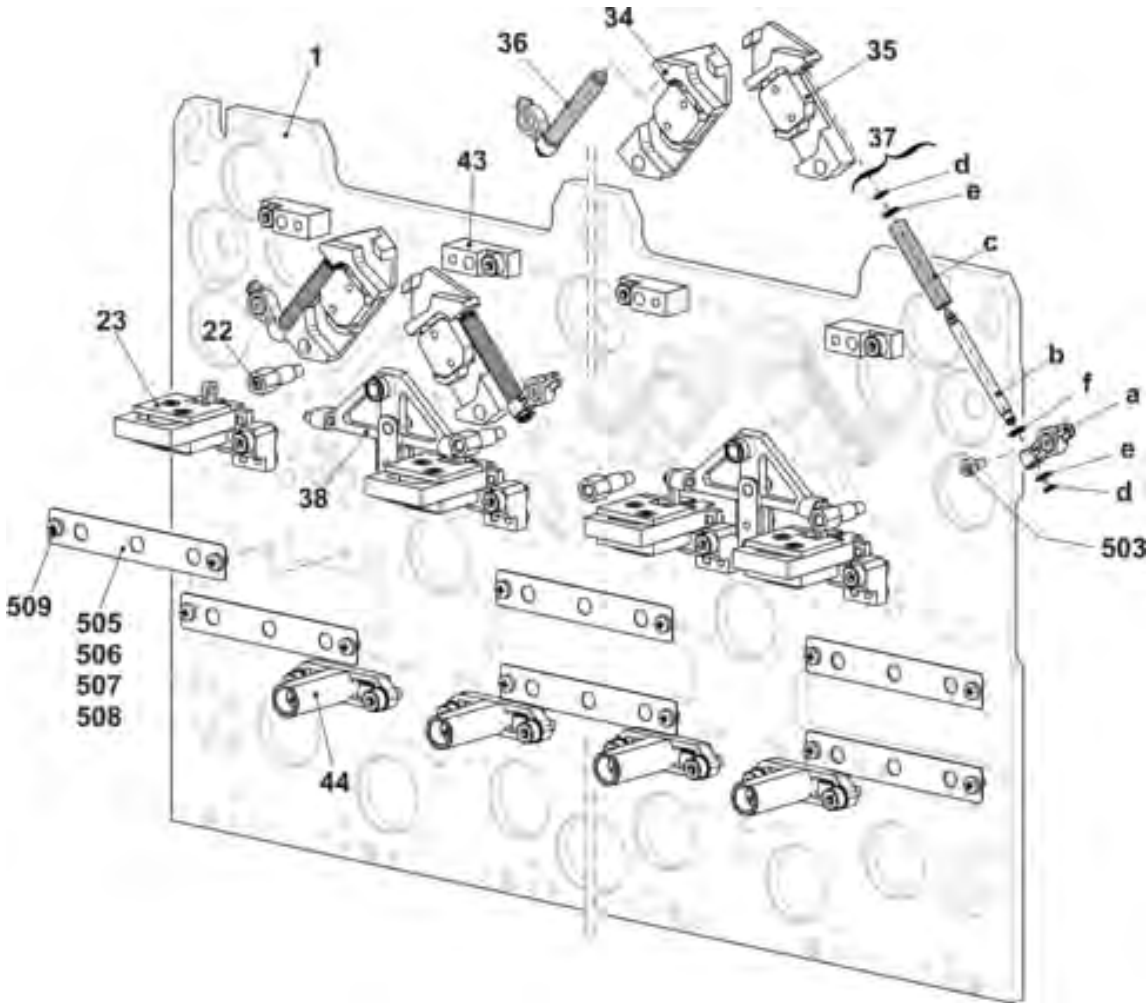
5.13.1 Cams E14|E14/12

Pos	Designation	ID		Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E16-18	252 646
4	Entry cam at the top E10-18	256 689		26	Pointer E16-18	252 656
5	Knitting position cam E16-18 E8.2	255 027		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E16-18 E8.2	254 338
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E16-18 E8.2	254 339
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E16-18	254 299
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E16-18	256 681		32	Receiving cam E16-18	252 654
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E16-18	254 340
12	Cam guide E10-18	255 541			Raising cam with split-stitch E16-18	254 341
13	Cam on the left E10-18	255 613		39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E16-18 E8.2	255 028
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E16-18 E8.2	255 029
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screw M3x8	020 081



5.14 Cam box E6.2(12m.10)

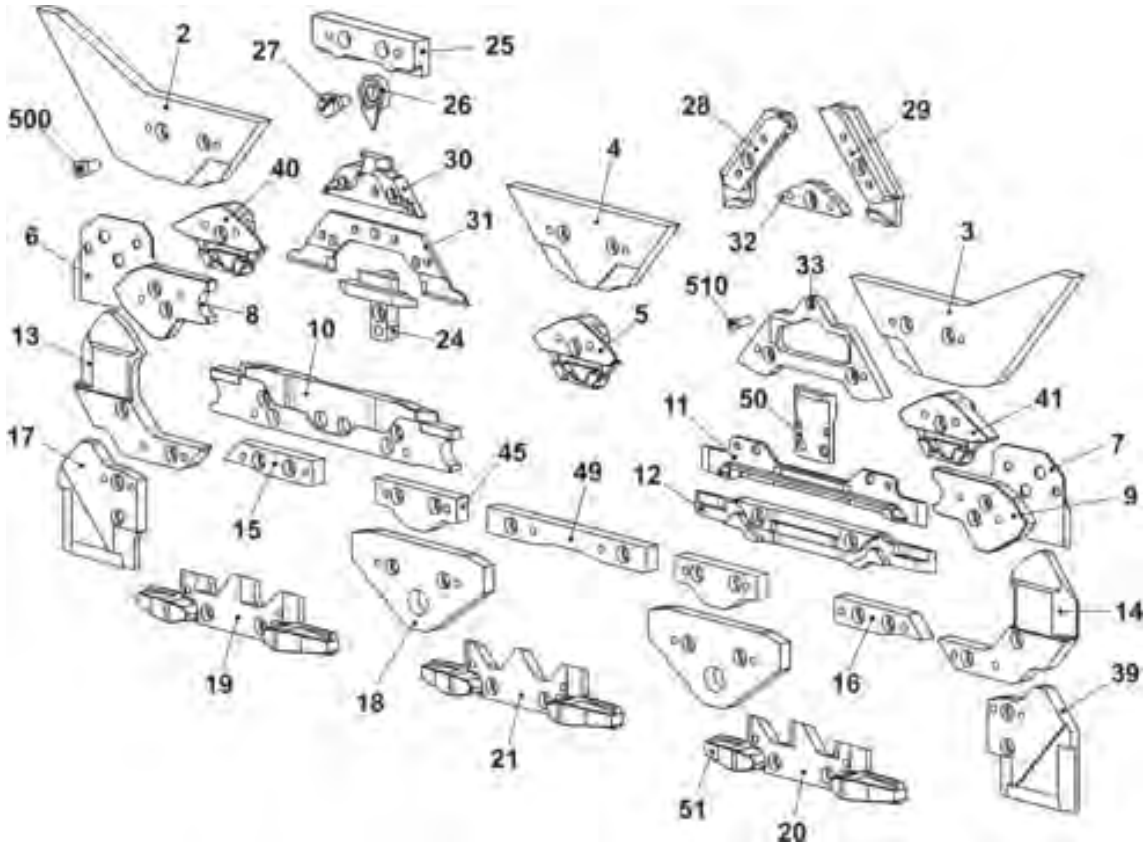
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E6.2(12m.10)		259 259		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE12-14		254 248		43	Holding piece		251 828
35	Loop sinking cam on the right completeE12-14		254 249		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



5.14 Cam box E6.2(12m.10)

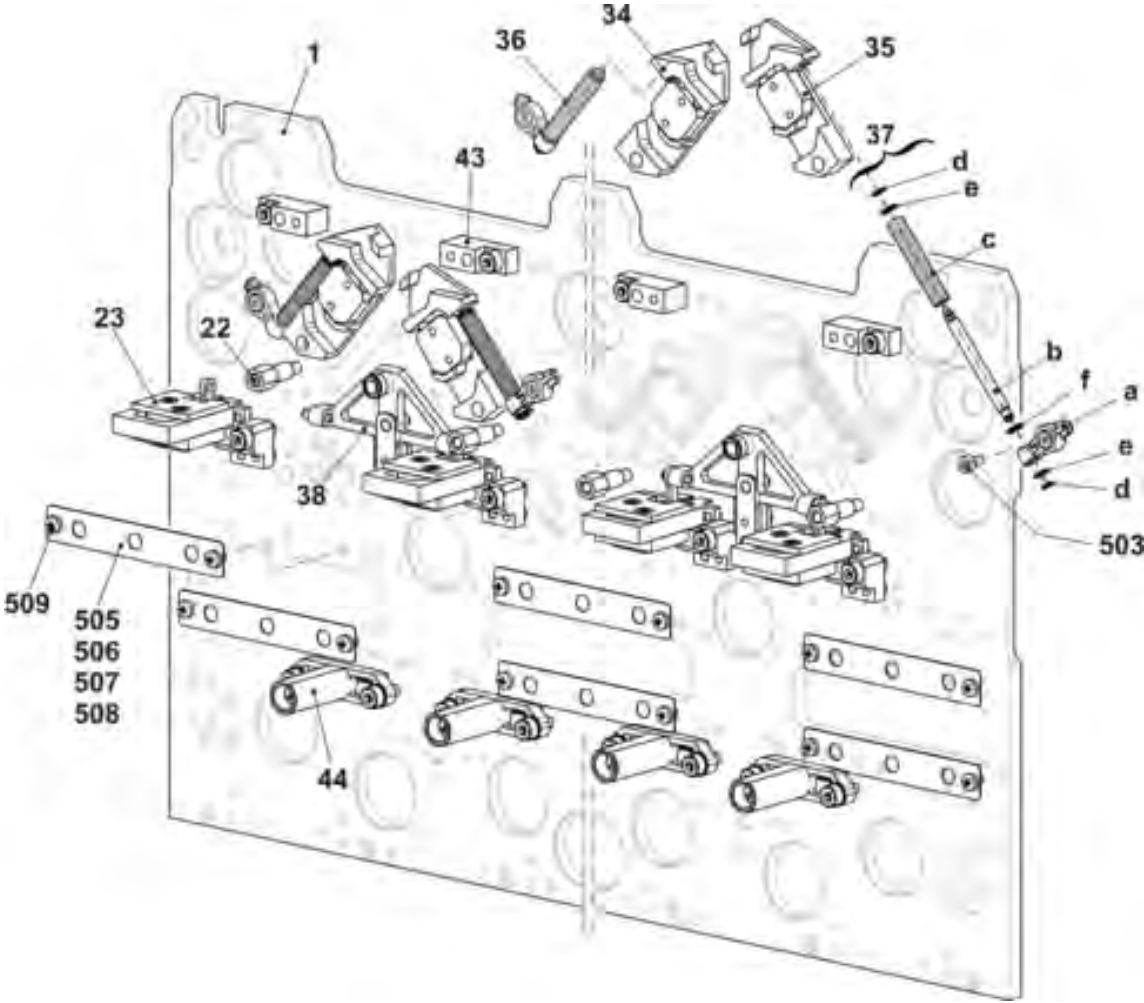
5.14.1 Cams E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-E18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-E18	256 691		25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-E18	256 689		26	Pointer E10	251 994
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		27	Screw	210 335
6	Plate on the left E10-E18	255 389		28	Stitch cam on the left E10-E14 E7.2	254 331
7	Plate on the right E10-E18	255 390		29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-E18	255 391		30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-E18	255 392		31	Raising cam plate E10-E18	251 992
10	Pressure strip E10-E14	255 540		32	Receiving cam E10 E12	251 997
11	Cam guide at the top E10-E18	258 161		33	Raising cam without split-stitch E10 E12	254 334
12	Cam guide E10-E18	255 541			Raising cam with split-stitch E10 E12	254 335
13	Cam on the left E10-E18	255 613		39	Cam at the right E10-E18	258 154
14	Cam at the right E10-E18	255 614		40	Knitting position cam on the left E10-E14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-E18	251 886		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-E18	251 887		45	Cam E10-E18	251 888
17	Cam on the left E10-E18	258 153		49	Limiting cam E10-E18	251 885
18	Cam E10-E18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-E18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-E18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-E18	251 875		510	Cap screw M3x8	020 081



5.15 Cam box E6.2

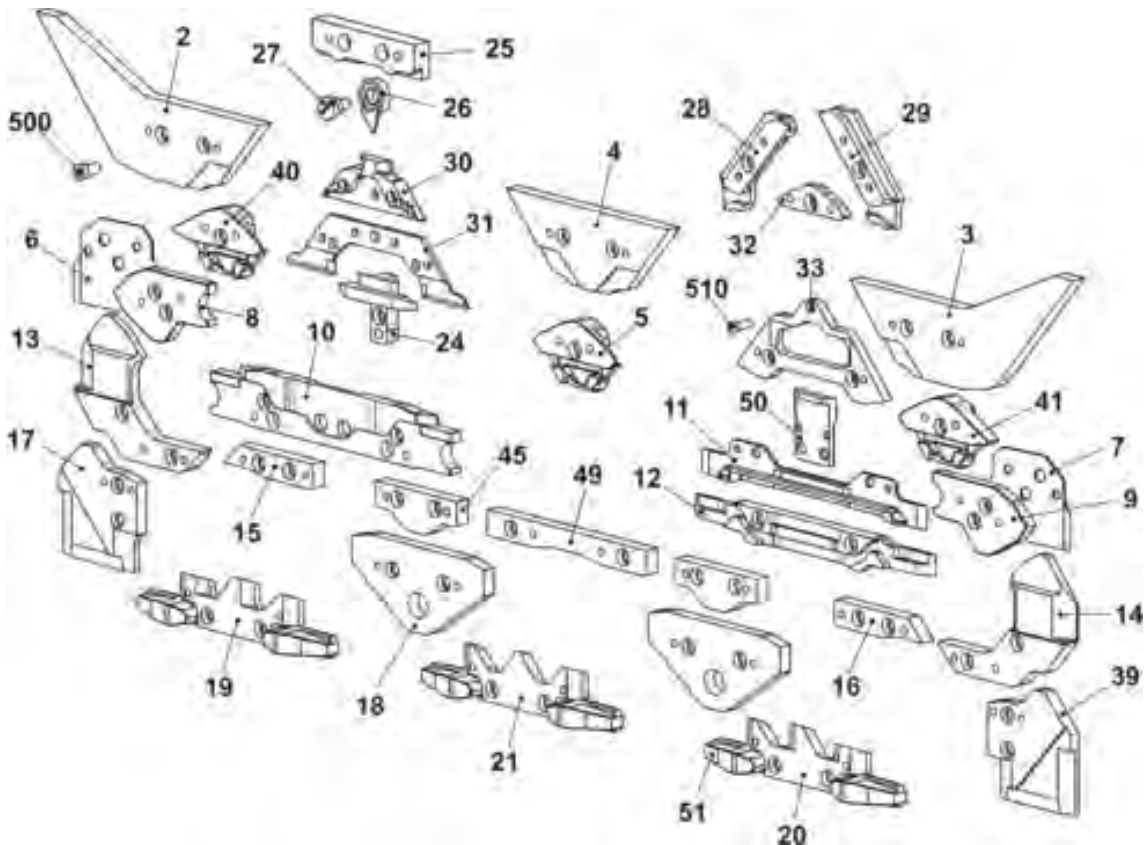
Pos	Designation		ID	Pos	Designation		ID
Σ	Cam box set complete E6.2		259 260	37	d	Circlip	023 565
1	Cam plate E10-18		258 158		E	Disk	259 647
22	Stay bolt		254 839		f	Washer	022 893
23	Guide of pressure part complete		253 480	38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE12-14		254 248	43	Holding piece		251 828
35	Loop sinking cam on the right completeE12-14		254 249	44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662	503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663	505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148	506	Shim0,05x12x75		022 829
	b	Spring rod	252 661	507	Shim0,1x12x75		022 830
	c	Compression spring	257 082	508	Shim0,2x12x75		022 831



5.15 Cam box E6.2

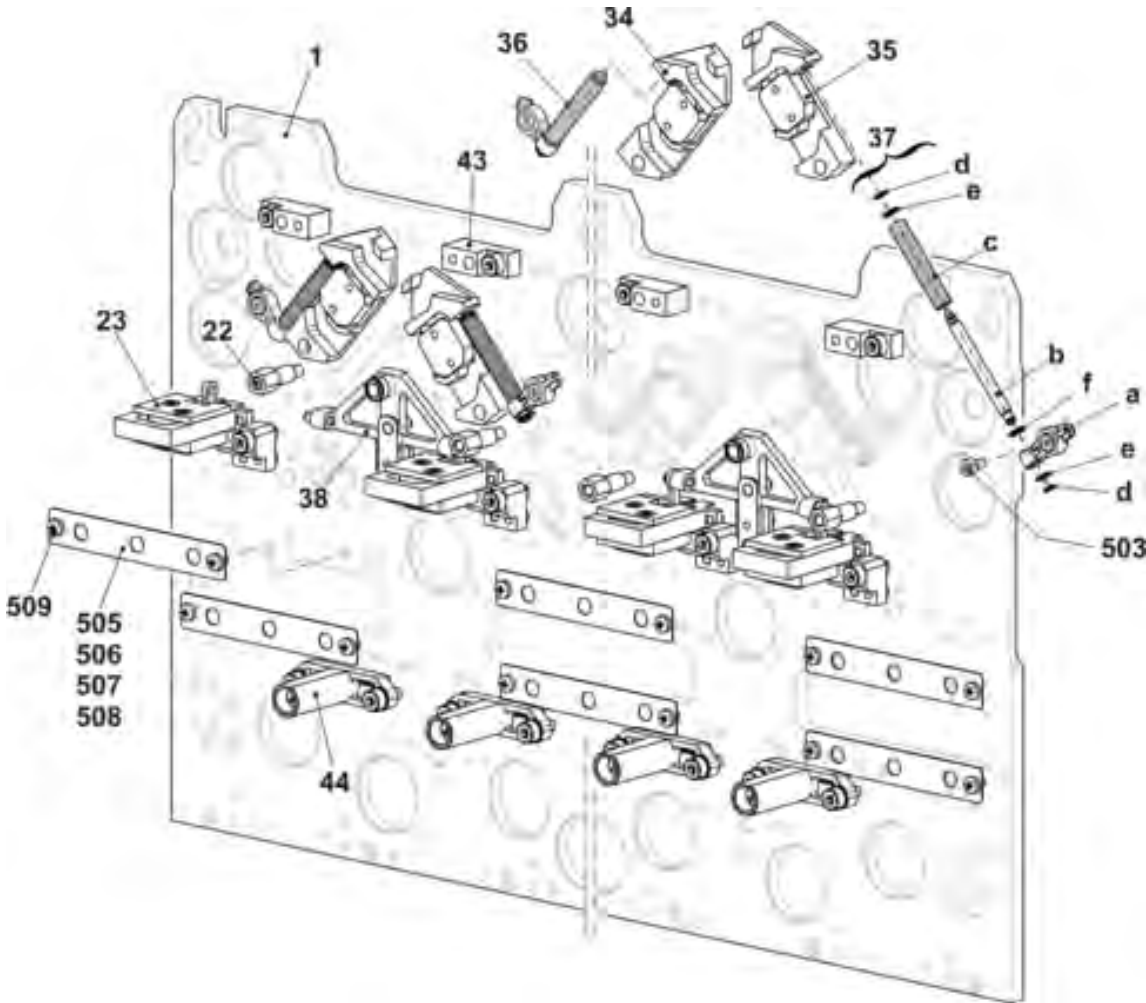
5.15.1 Cams E6.2

Pos	Designation	ID		Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E6.2	252 955
4	Entry cam at the top E10-18	256 689		26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E6.2	254 342
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E6.2	254 343
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E6.2	254 301
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540		32	Receiving cam E6.2	252 960
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E6.2	254 344
12	Cam guide E10-18	255 541			Raising cam with split-stitch E6.2	254 345
13	Cam on the left E10-18	255 613		39	Cam at the right E10-E18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screw M3x8	020 081



5.16 Cam box E7.2

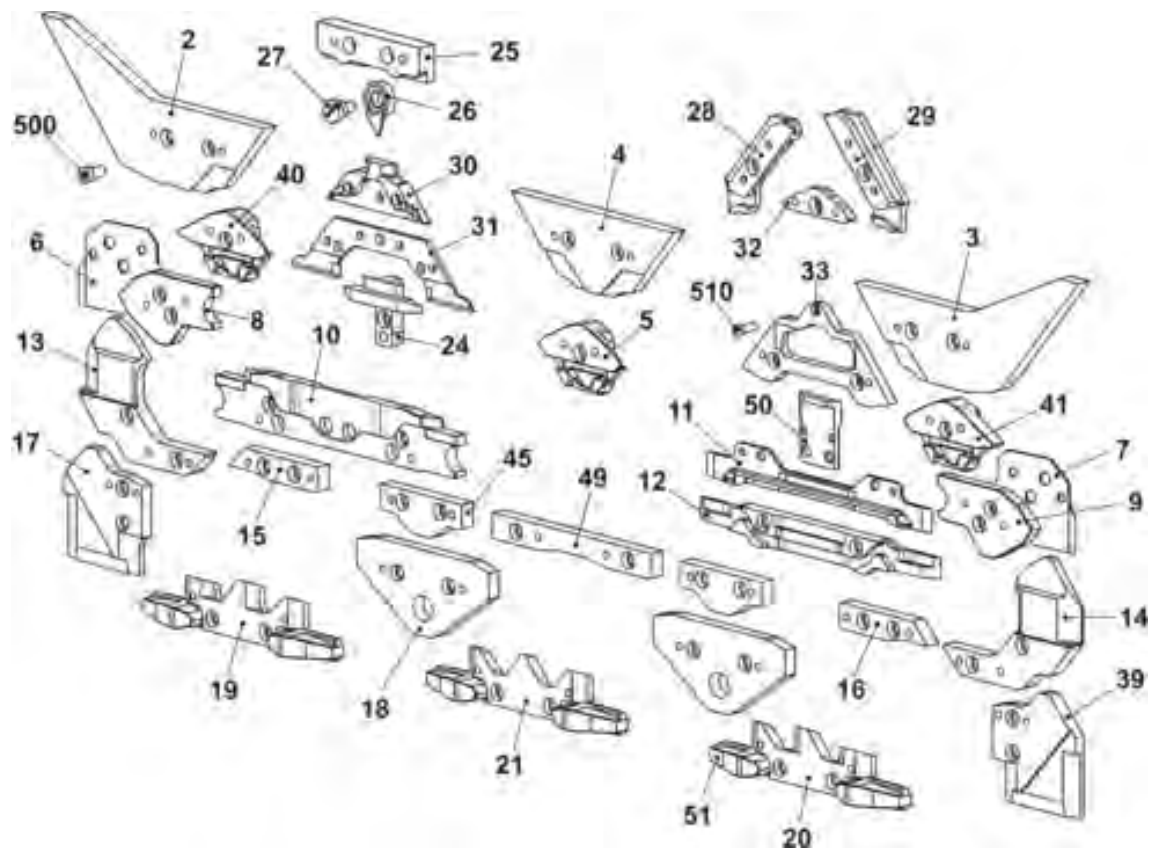
Pos	Designation		ID	Pos	Designation		ID
Σ	Cam box set complete E7.2		259 261	37	d	Circlip	023 565
1	Cam plate E10-18		258 158		E	Disk	259 647
22	Stay bolt		254 839		f	Washer	022 893
23	Guide of pressure part complete		253 480	38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE12-14		254 248	43	Holding piece		251 828
35	Loop sinking cam on the right completeE12-14		254 249	44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662	503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663	505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148	506	Shim0,05x12x75		022 829
	b	Spring rod	252 661	507	Shim0,1x12x75		022 830
	c	Compression spring	257 082	508	Shim0,2x12x75		022 831



5.16 Cam box E7.2

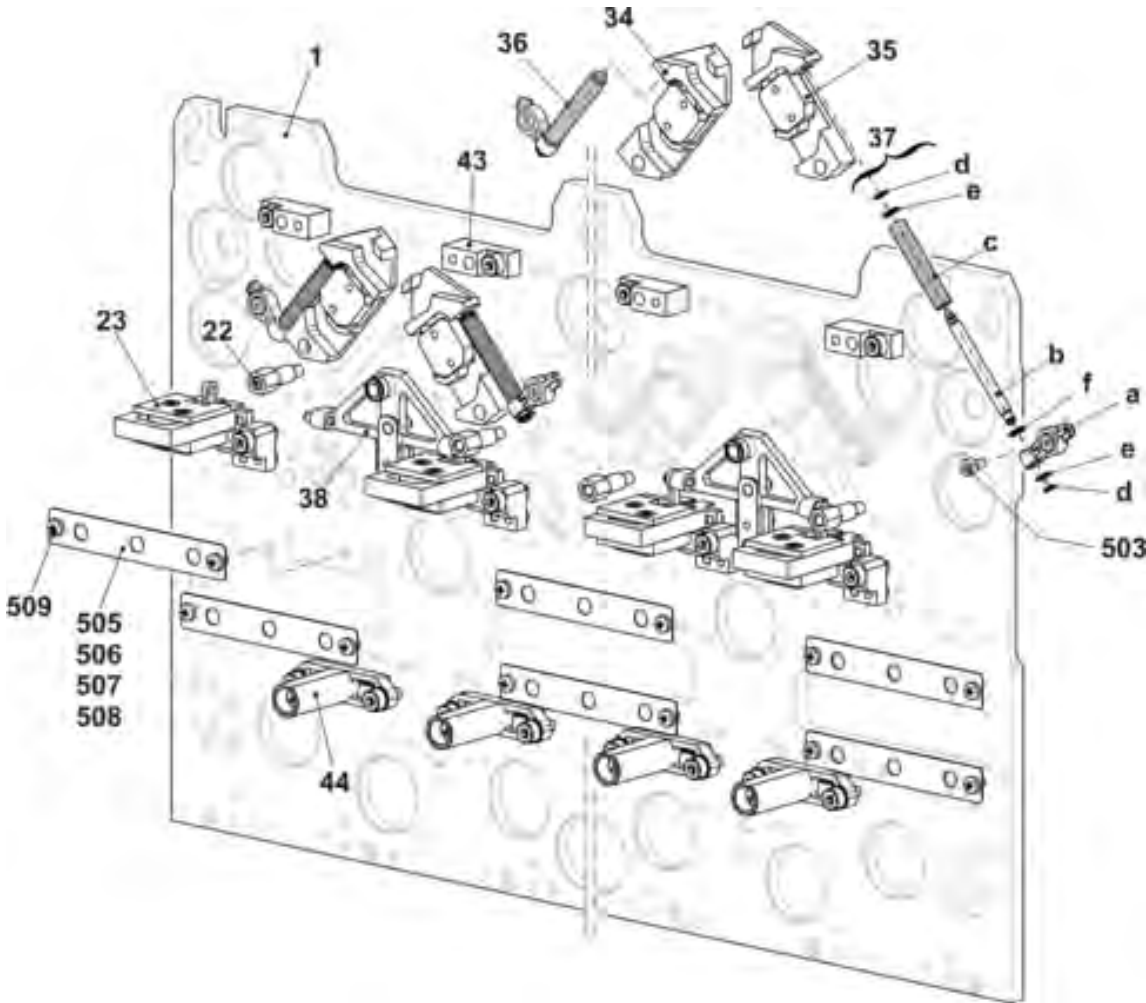
5.16.1 Cams E7.2

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691	25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10-12	251 997
11	Cam guide E10-18	258 161	33	Raising cam without split-stitch E10-12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10-12	254 335
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left E10-18	251 886	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right E10-18	251 887	45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153	49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152	50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876	51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877	500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875	510	Cap screw M3x8	020 081



5.17 Cam box E8.2

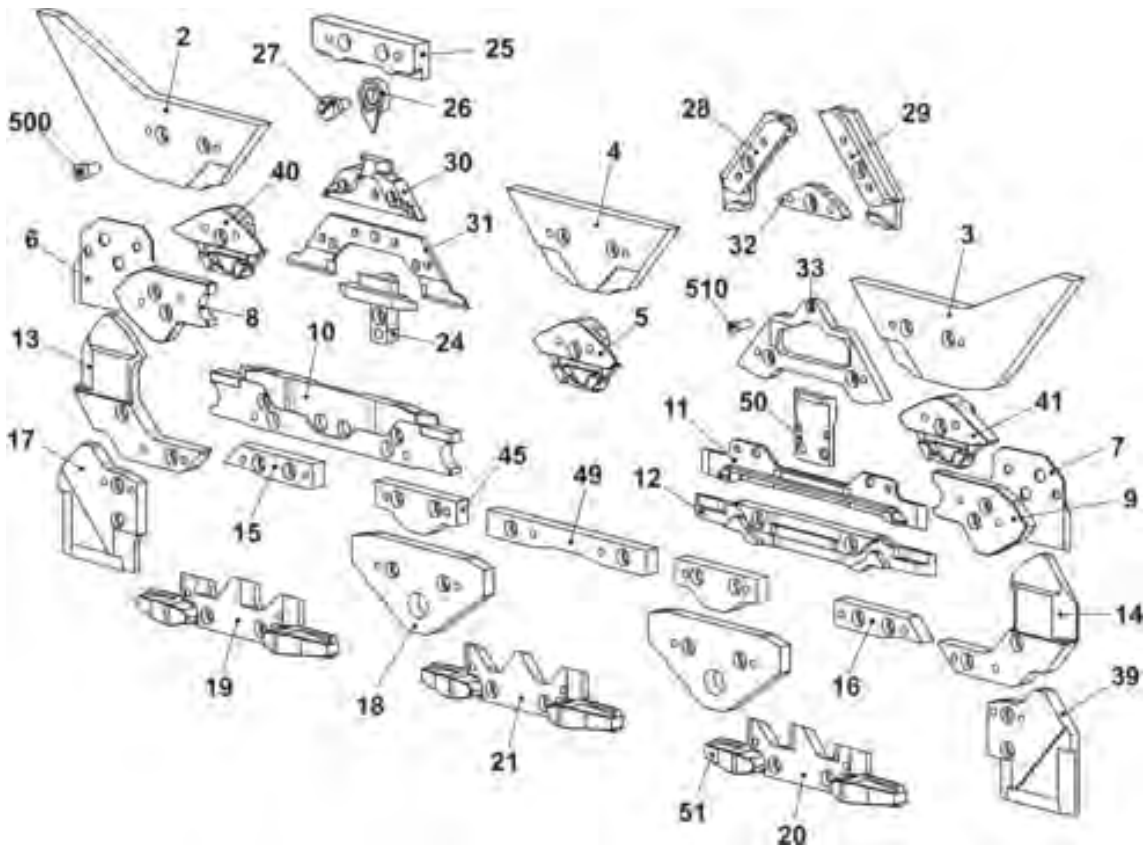
Pos	Designation		ID		Pos	Designation		ID
Σ	Cam box set complete E8.2		259 262		37	d	Circlip	023 565
1	Cam plate E10-18		258 158			E	Disk	259 647
22	Stay bolt		254 839			f	Washer	022 893
23	Guide of pressure part complete		253 480		38	Slider pressure part complete		251 834
34	Loop sinking cam on the left completeE16-18		251 965		43	Holding piece		251 828
35	Loop sinking cam on the right completeE16-18		251 966		44	Limiting cam complete E10-18		251 889
36	Rod guide on the left complete		252 662		503	Cap screw M3x6		022 589
37	Rod guide on the right complete		252 663		505	Shim0,03x12x75		022 828
	a	Rod guide part	258 148		506	Shim0,05x12x75		022 829
	b	Spring rod	252 661		507	Shim0,1x12x75		022 830
	c	Compression spring	257 082		508	Shim0,2x12x75		022 831



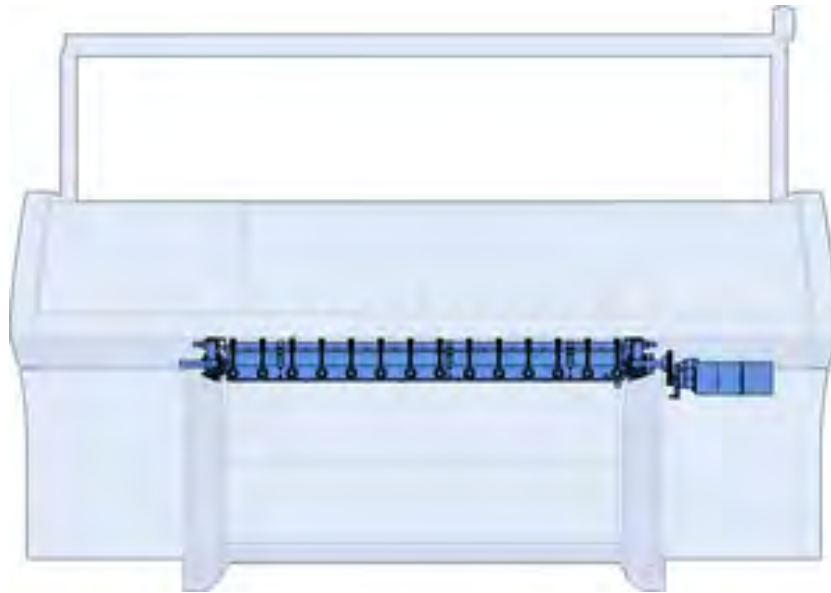
5.17 Cam box E8.2

5.17.1 Cams E8.2

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		24	Tuck pressure part	253 828
3	Entry cam on the right at the top E10-18	256 691		25	Limiting cam E8.2	260 901
4	Entry cam at the top E10-18	256 689		26	Pointer E16-18	252 656
5	Knitting position cam E16-18 E8.2	255 027		27	Screw	210 335
6	Plate on the left E10-18	255 389		28	Stitch cam on the left E16-18 E8.2	254 338
7	Plate on the right E10-18	255 390		29	Stitch cam on the right E16-18 E8.2	254 339
8	Entry cam on the left E10-18	255 391		30	Tuck limiting cam E8.2	260 902
9	Entry cam on the right E10-18	255 392		31	Raising cam plate E10-18	251 992
10	Pressure strip E16-18	256 681		32	Receiving cam E8.2	260 903
11	Cam guide at the top E10-18	258 161		33	Raising cam without split-stitch E16-18	254 340
12	Cam guide E10-18	255 541			Raising cam with split-stitch E16-18	254 341
13	Cam on the left E10-18	255 613		39	Cam at the right E10-18	258 154
14	Cam at the right E10-18	255 614		40	Knitting position cam on the left E16-18 E8.2	255 028
15	Limiting cam on the left E10-18	251 886		41	Knitting position cam on the right E16-18 E8.2	255 029
16	Limiting cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-18	258 153		49	Limiting cam E10-18	251 885
18	Cam E10-18	258 152		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		510	Cap screw M3x8	020 081

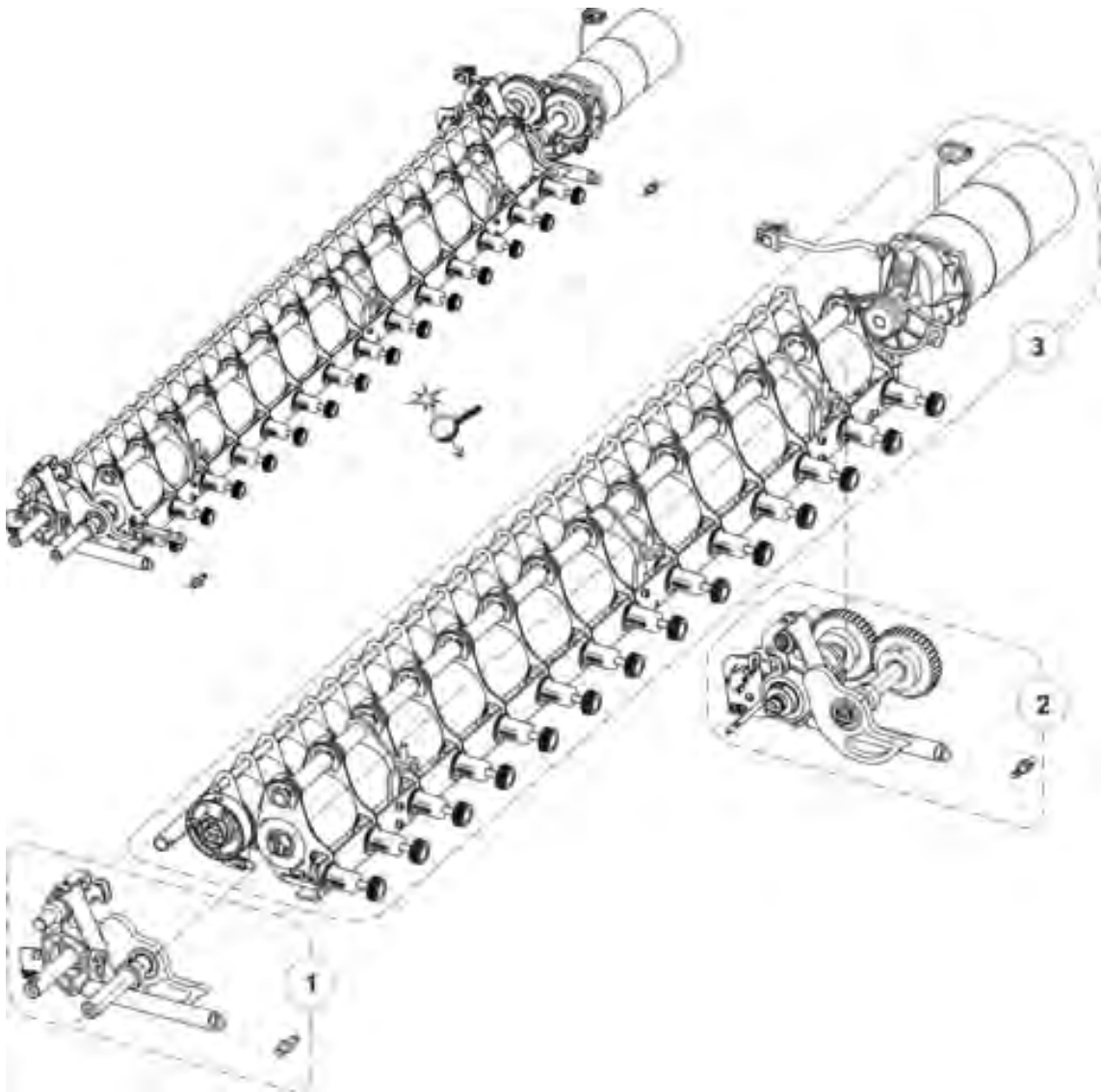


6 Main take-down



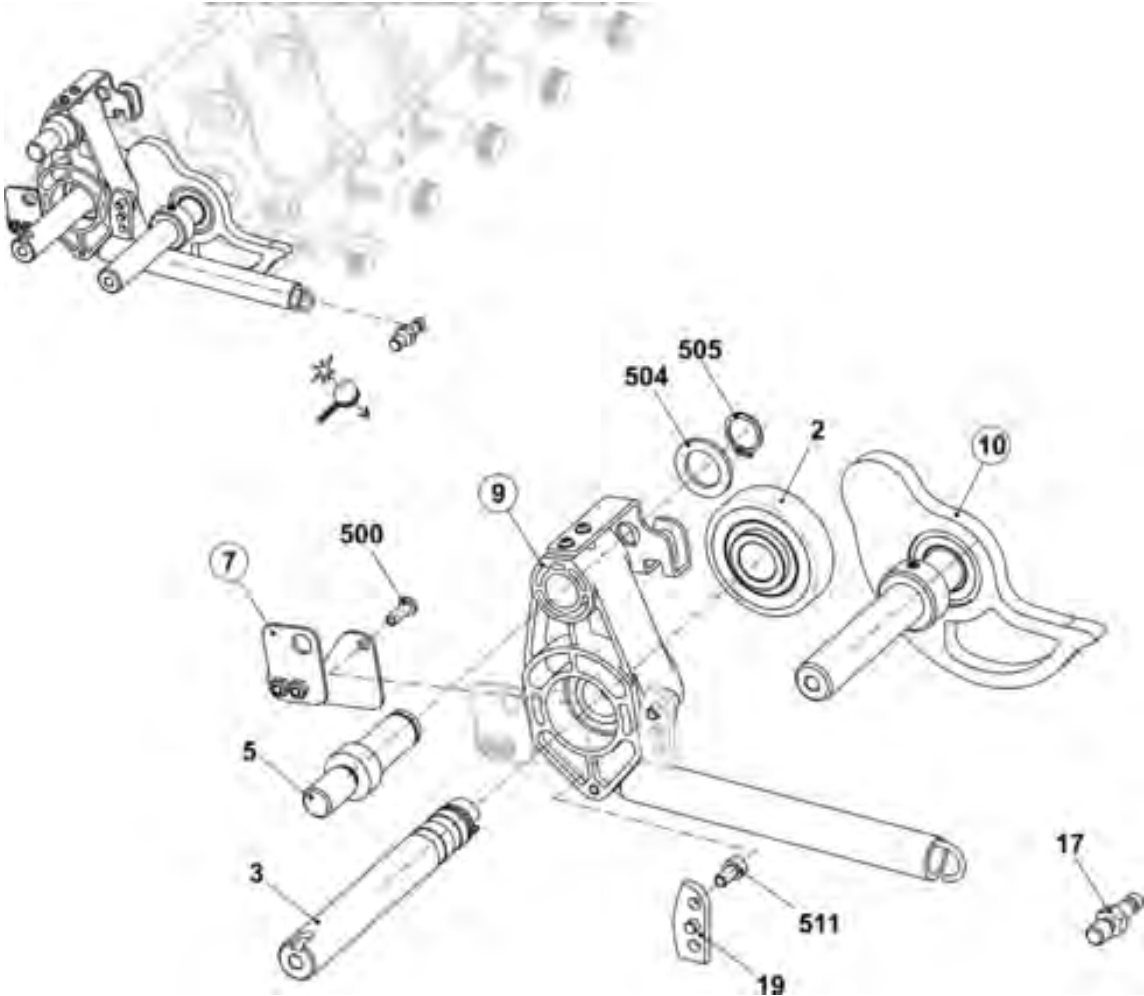
6.1 Main take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down				
1	Main take-down on the left	253 851	3	Main take-down in the middle E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 525
2	Main take-down on the right	253 852		Main take-down in the middle E16 E18 E8.2	253 593



6.1.1 Main take-down on the left

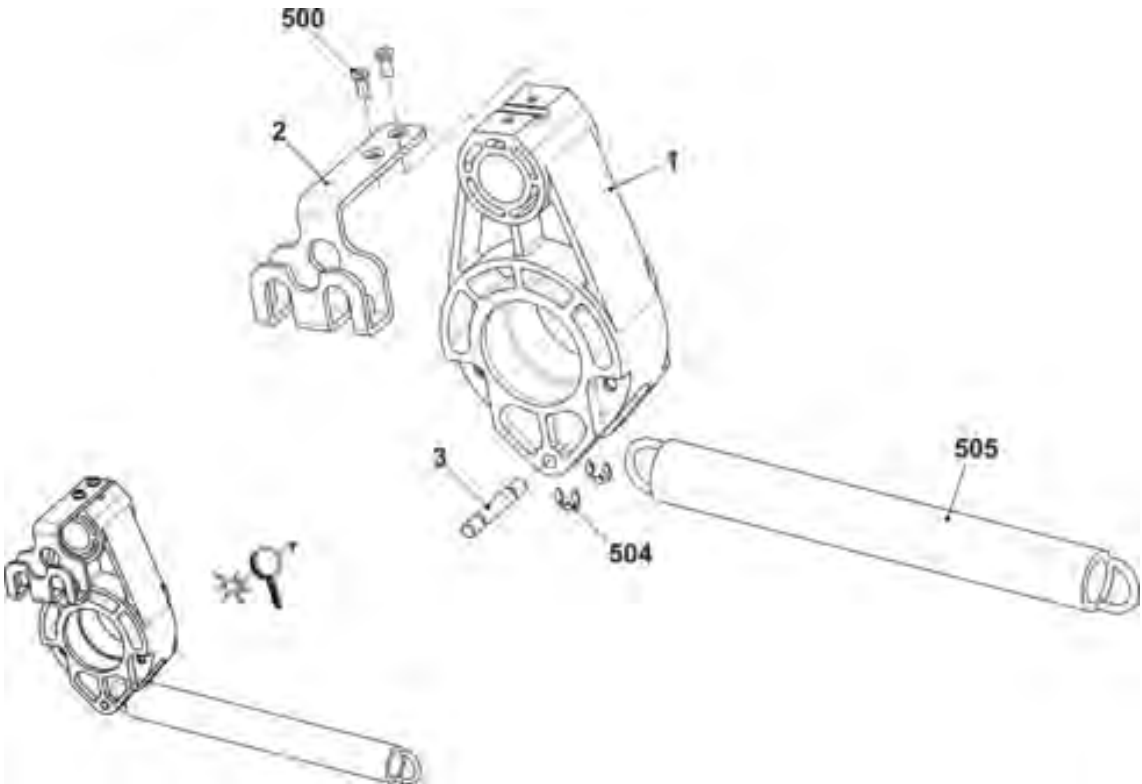
Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down on the left	253 851				
2	Bearing race complete	244 459		17	Spring bolt	221 143
3	Shaft on the left at the rear	221 012		19	Stop point	252 503
5	Bolts	208 538		500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725		504	Washer18	023 295
9	Swivel-mounted bearing	251 761		505	Locking ring18x1,2	020 955
10	Full floating axle on the left	251 984		511	Cap screwM6x12	020 134



6.1 Main take-down

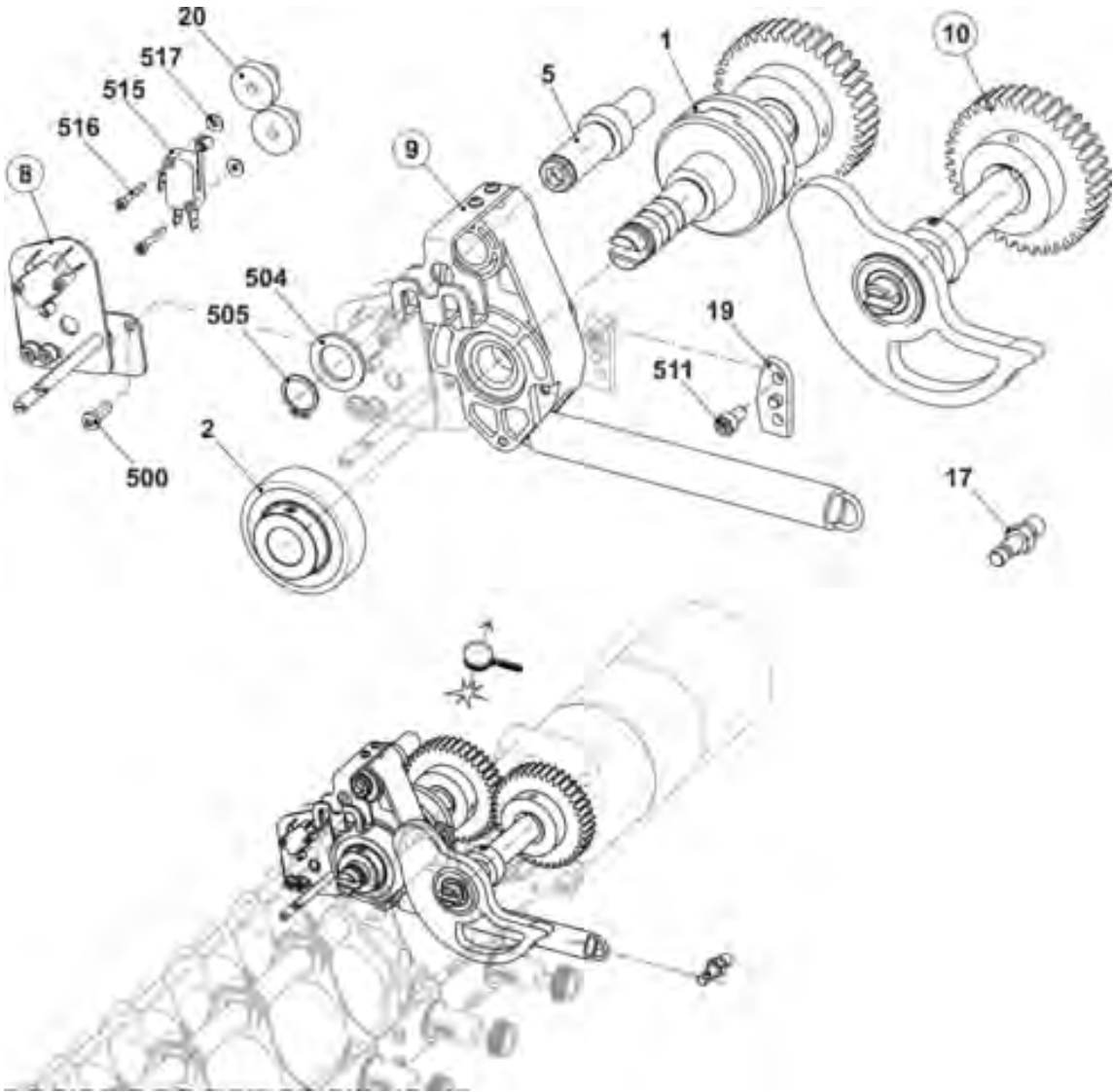
6.1.1.1 Swivel-mounted bearing

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



6.1.2 Main take-down on the right

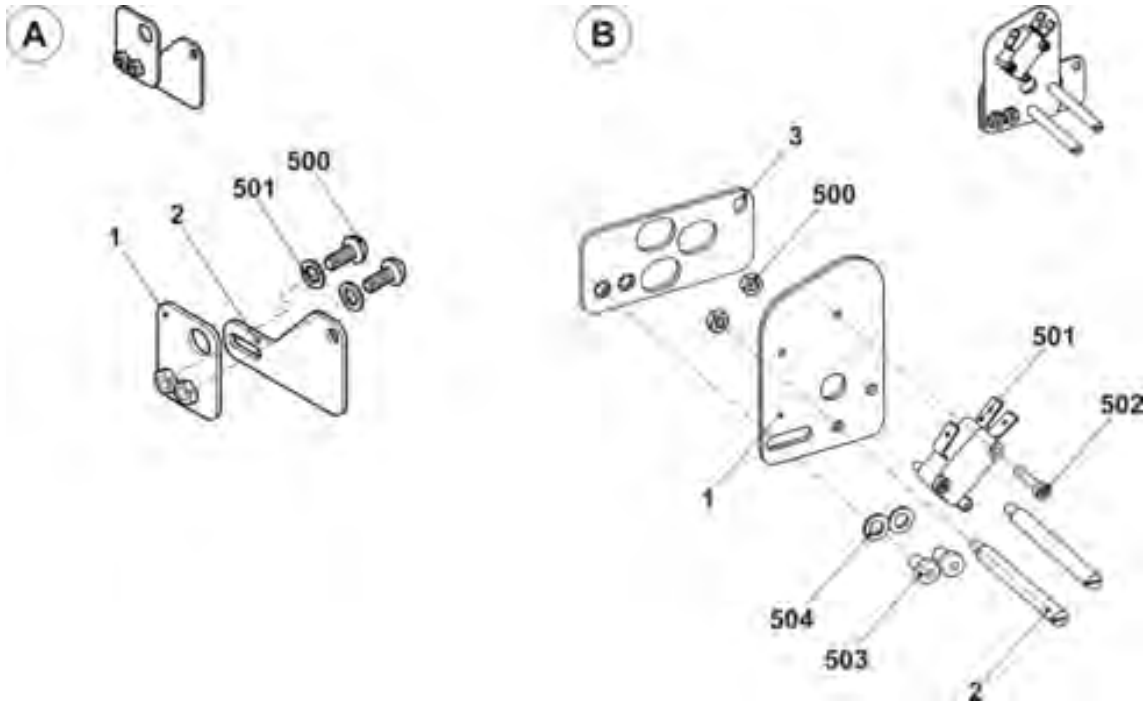
Pos	Designation	ID		Pos	Designation	ID
Σ	Main take-down on the right	253 852				
1	Clutch set	251 677		20	Threaded bush	222 522
2	Bearing race complete	244 459		500	Screw 50x15	251 728
5	Bolts	208 538		504	Washer18	023 295
8	Mounting plate on the right complete	260 090		505	Locking ring18x1,2	020 955
9	Swivel-mounted bearing	251 761		511	Cap screw M6x12	020 134
10	Full floating axle on the right	251 985		515	Microswitch Xgk2-s21 250	210 510
17	Spring bolt	221 143		516	Cap screw M3x20	023 221
19	Stop point	252 503		517	Washer3	023 657



6.1 Main take-down

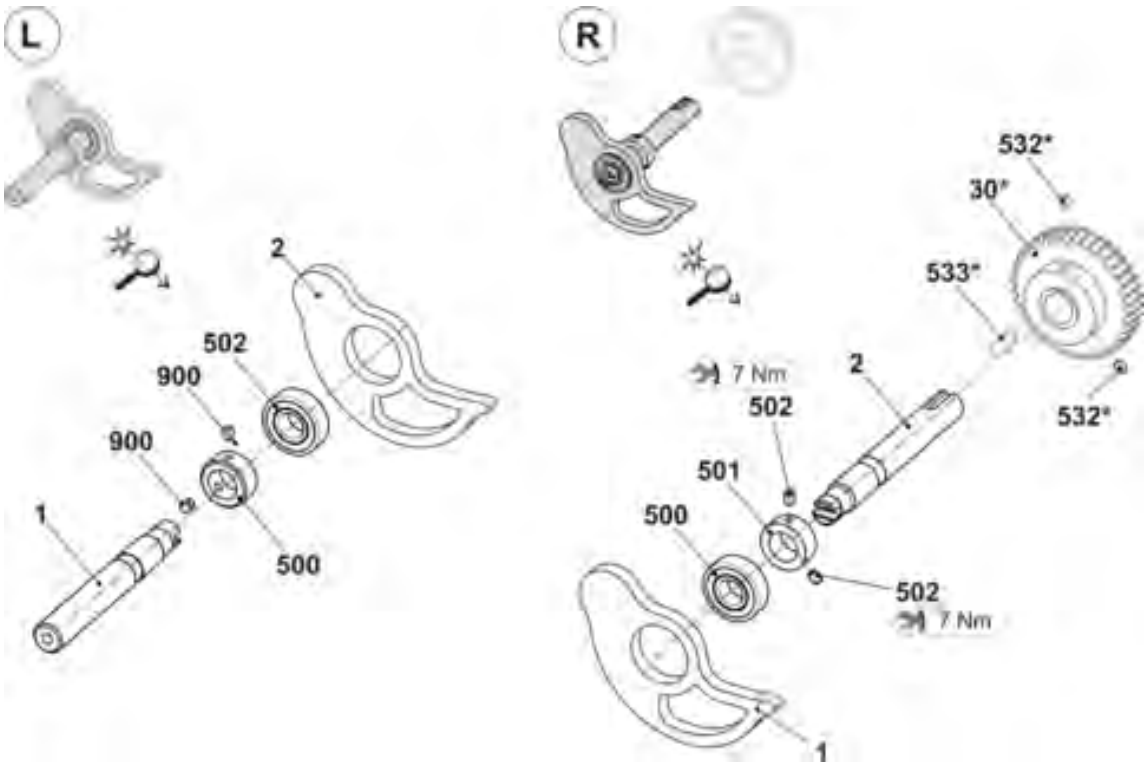
6.1.2.1 Mounting plate

Pos	Designation	ID		Pos	Designation	ID
Σ L	Mounting plate on the left complete	231 725		Σ R	Mounting plate on the right complete	260 090
1	Mounting plate on the left	231 541		1	Mounting plate on the right	260 067
2	Retaining plate on the left	231 539		2	Shoulder screw	240 067
500	Pan-head screw M5x10	023 247		3	Retaining plate on the right	240 066
501	Serrated lock washer J5,3	022 489		500	Hexagon nut M4-6	022 536
				501	Microswitch	026 259
				502	Cap screw M3x16	022 583
				503	Cap screw M5x8	244 278
				504	Washer5-200	020 871



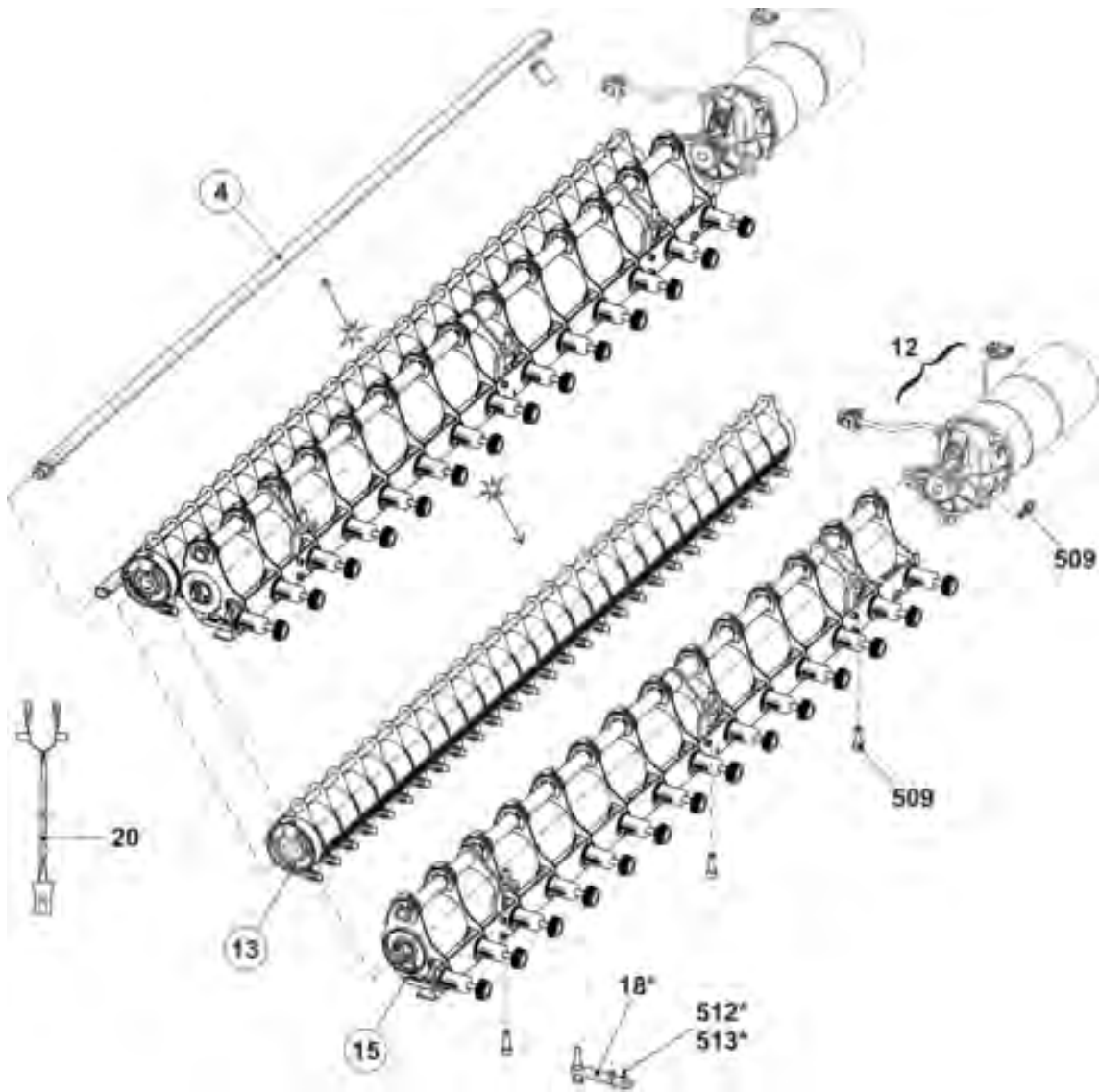
6.1.2.2 Full floating axle

Pos	Designation	ID		Pos	Designation	ID
Σ L	Full floating axle on the left	251 984		Σ R	Full floating axle on the right	262 158
1	Shaft on the left at the front	221 013		1	Eccentric	251 959
2	Eccentric	251 959		2	Shaft on the right	223 393
500	Set collar	020 938		500	Fitting freewheel ZZ6203L	023 294
502	Fitting freewheel ZZ6203L	023 294		501	Set collar	020 938
900	Setscrew M6x8	022 684		502	Setscrew M6x8	022 684
				30*	Gear wheel Z=40, M=2	213 744
				532*	Setscrew M6x8	022 684
				533*	Feather key A 6x6x25	023 017



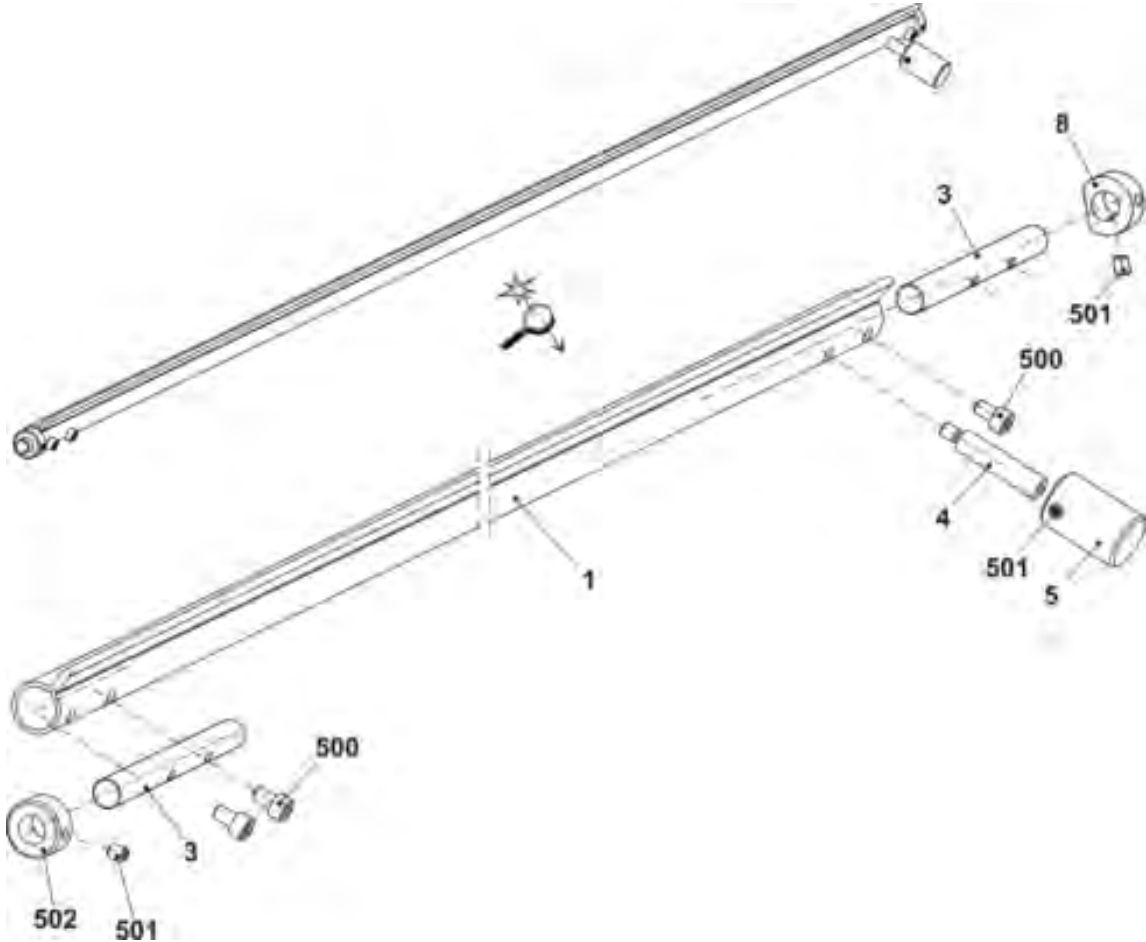
6.2 Main take-down in the middle

Pos	Designation	ID		Pos	Designation	ID
Σ	Main take-down in the middle			13	Take-down roller at the rear complete	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 525			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 853
	E16 E18 E8.2	253 593			E16 E18 E8.2	253 854
4	Stripper angle at the rear complete	259 986		509	Cap screw M8x25	020 142
12	Motor take-down unit complete	253 803		18*	Stop point	253 432
15	Take-down roller at the front complete	241 426		512*	Washer6	020 881
20	Connection cable winding plate	241 703		513*	Pan-head screw M6x16	023 124



6.2.1 Stripper angle

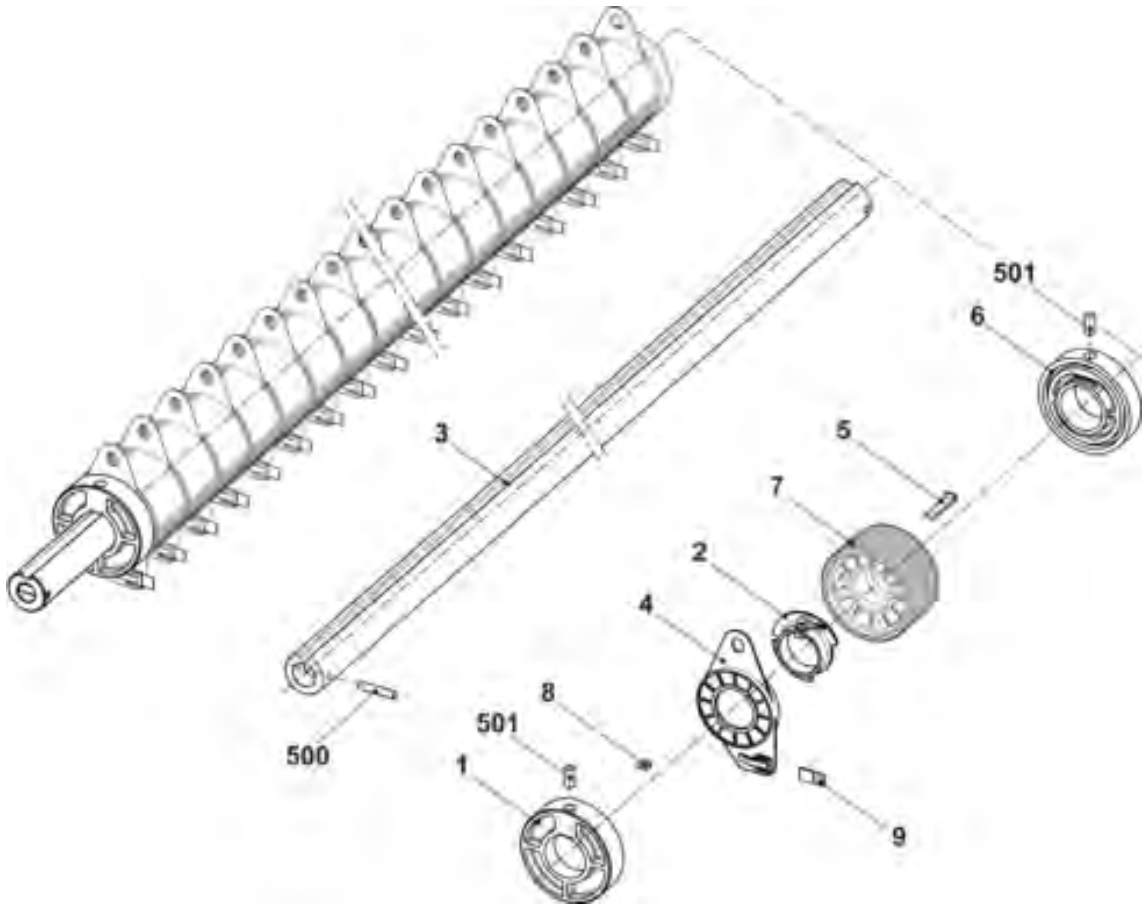
Pos	Designation	Id		Pos	Designation	Id
Σ	Stripper angle at the rear complete	259 986				
1	Stripper angle	259 973		5	Adjustment weight	229 248
3	Axle	259 969		500	Cap screw M5x8	023 319
8	Cam	260 109		501	Setscrew M5x6	022 738
4	Bolts	228 310		502	Set collar	020 934



6.2 Main take-down in the middle

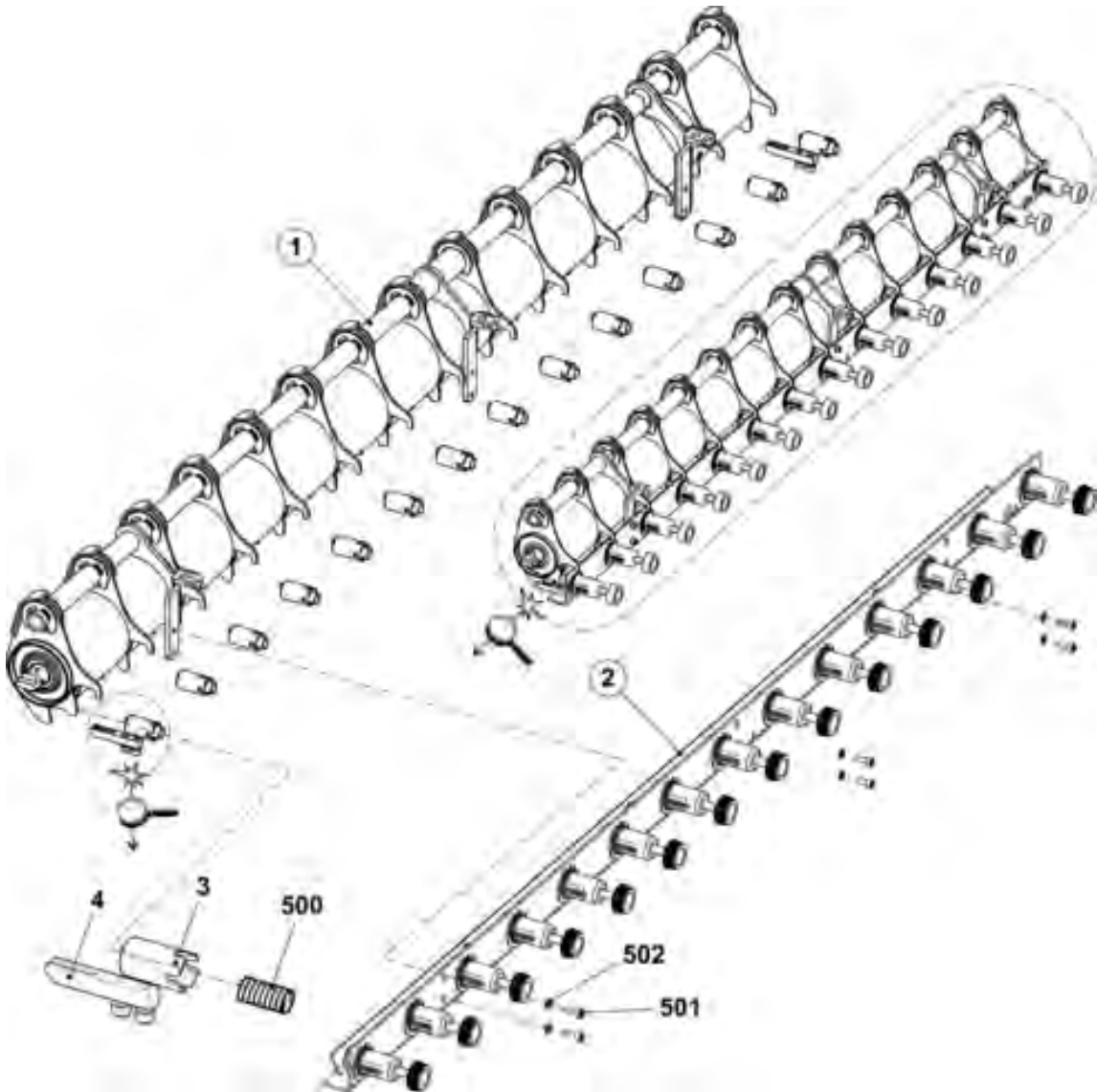
6.2.2 Rear take-down roller

Pos	Designation	ID		Pos	Designation	ID
Σ	Take-down roller at the rear complete			6	Ring on the right	255 831
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 853		7	Roller E5-14	206 770
	E16 E18 E8.2	253 854			Roller E16-18	231 400
1	Ring on the left	255 830		8	Spacer slide	222 062
2	Stop ring on the left	204 369		9	Brush	225 819
3	Wave	221 011		12	Rod	253 301
4	Stripper	241 612		500	Dowel pin 6x32	020 685
5	Spacer slide	240 104		501	Setscrew M8x16	258 910



6.2.3 Front take-down roller

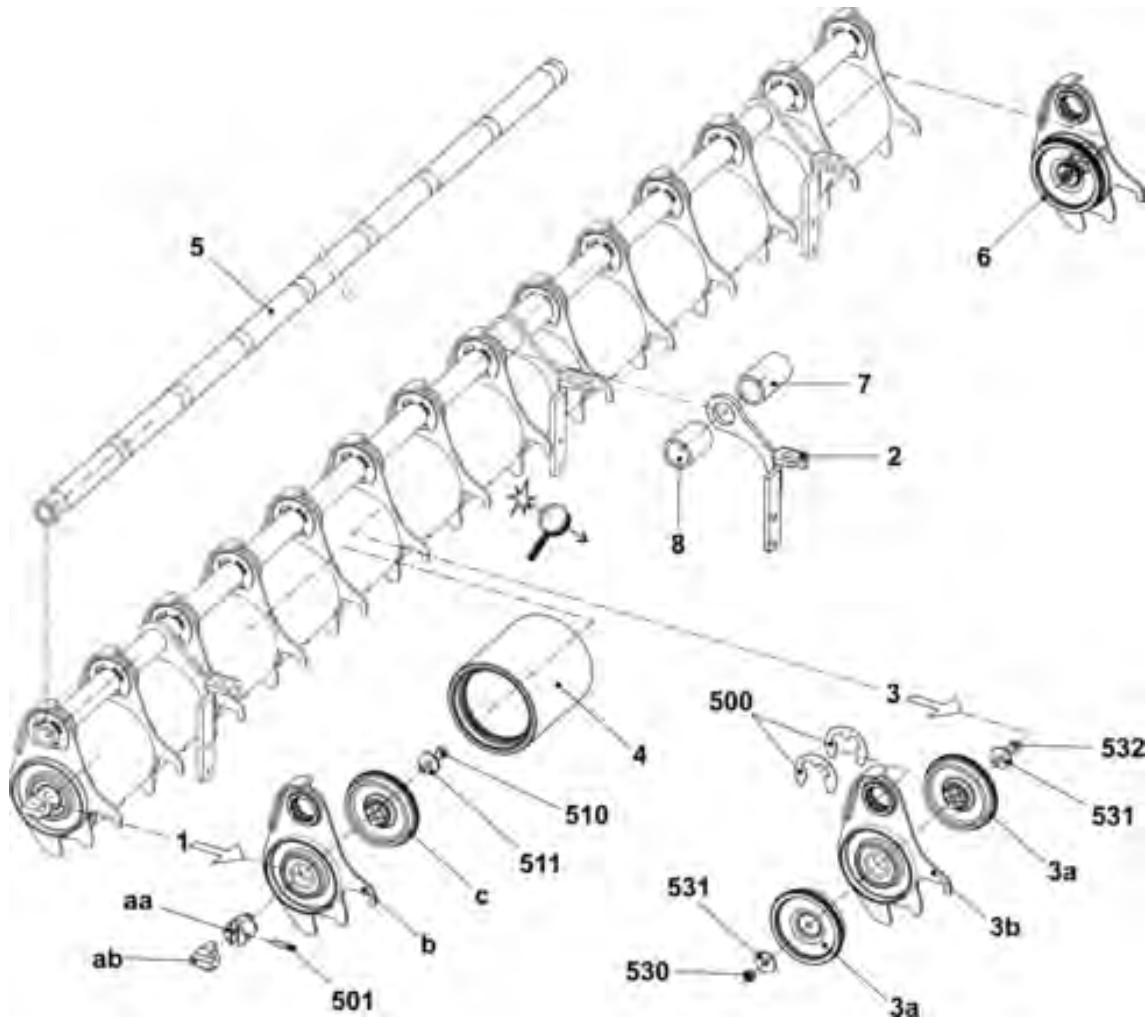
Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the front complete	241 426		4	Locating piece	221 935
1	Take-down roller at the front	221 243		500	Compression spring 1x10x30	023 741
2	Angle rail complete	241 425		501	Cap screwM5x12	020 132
3	Pressure sleeve	220 911		502	Washer5-200	020 880



6.2 Main take-down in the middle

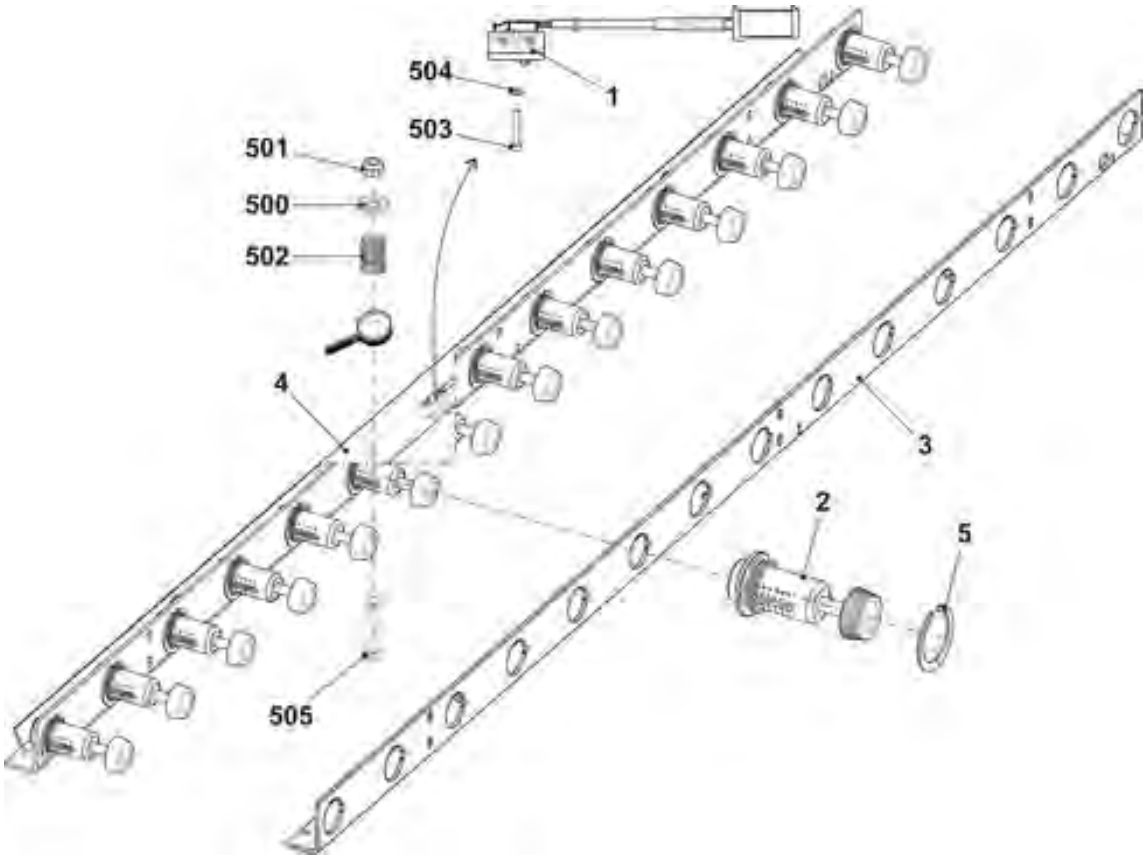
6.2.3.1 Front roller elements

Pos	Designation		Id		Pos	Designation		Id
Σ	Take-down roller at the front		221 243					
1	Bearing support on the left complete		221 225		4	Roller		220 905
	aa	Universal joint	221 137		5	Tube		221 092
	ab	adaptor	221 132		6	Bearing support on the right complete		221 240
	b	Bearing support	220 913			aa	Universal joint	221 137
	c	Gear wheel	220 910			ab	adaptor	221 132
	501	Spring dowel sleeve 4x20	023 551			b	Bearing support	220 913
	510	Cap screwM5x20	020 133			c	Gear wheel	220 910
	511	Washer5	023 542			501	Spring dowel sleeve 4x20	023 551
						510	Cap screwM5x20	020 133
2	Support		251 557			511	Washer5	023 542
3	Bearing support complete		221 241		7	Spacer pipe on the right		253 407
	3b	Bearing support	220 913		8	Spacer pipe on the left		253 408
	3a	Gear wheel	220 910		500	Circlip		021 025
	530	Hexagon nut M5	023 541					
	531	Washer5-100hv	023 542					
	532	Cap screwM5x30	022 396					



6.2.3.2 Pressure angle rail

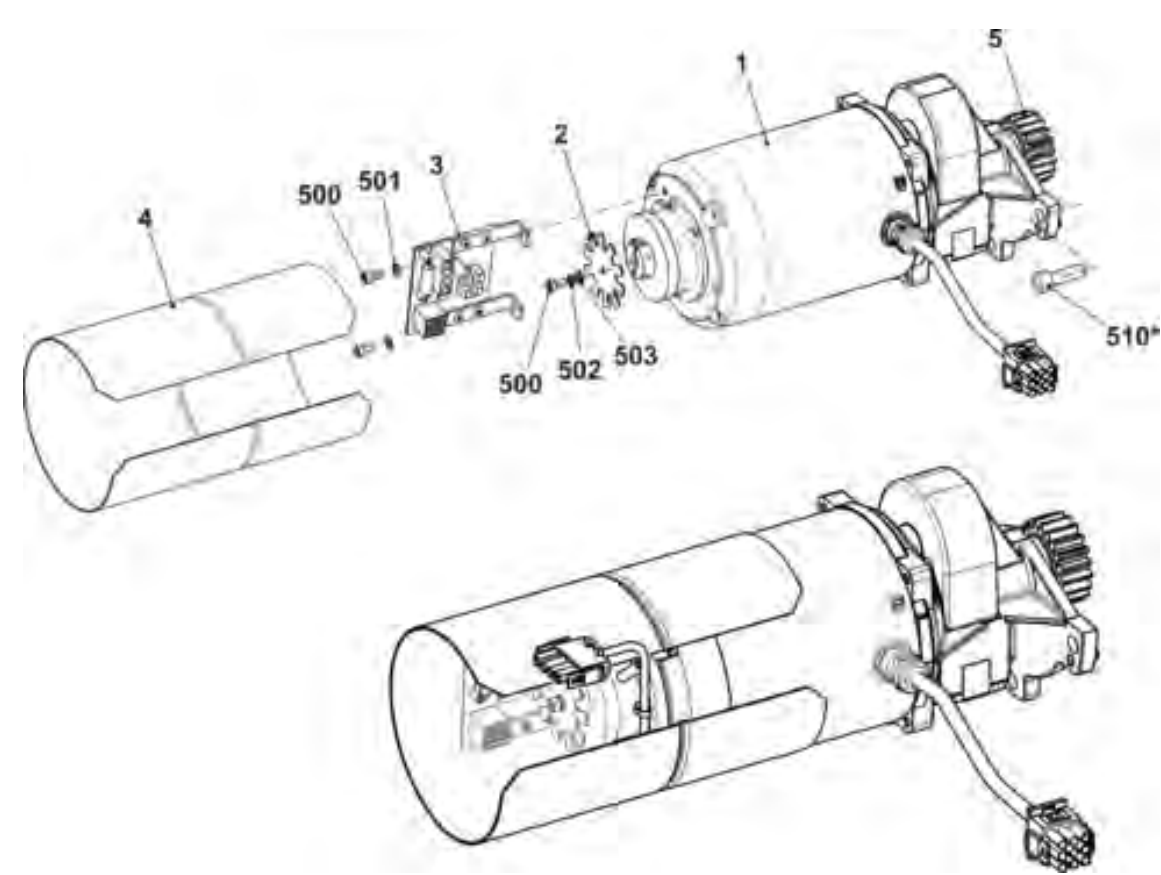
Pos	Designation	Id		Pos	Designation	Id
Σ	Angle rail complete	241 425		500	Washer6-200	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	241 773		503	Cap screwM2x12	023 522
4	Winding plate	221 101		504	Washer2-200	022 908
5	Locking ring	242 325		505	Shoulder screw M5x20x5	023 675



6.2 Main take-down in the middle

6.2.4 Impulse sensor and motor

Pos	Designation	ID		Pos	Designation	ID
Σ	Motor take-down unit complete	253 803				
1	Asynchronous torque motor (complete)	257 438		500	Cap screw M4x8	022 501
2	Impulse disc	208 716		501	Washer4-200	020 879
3	Light barrier take-down + comb	300 744		502	Circlip	022 774
4	Cover	212 262		503	Shim ring 4x8x1	023 369
5	Gear wheel	241 668		510*	Cap screw M8x25	020 142

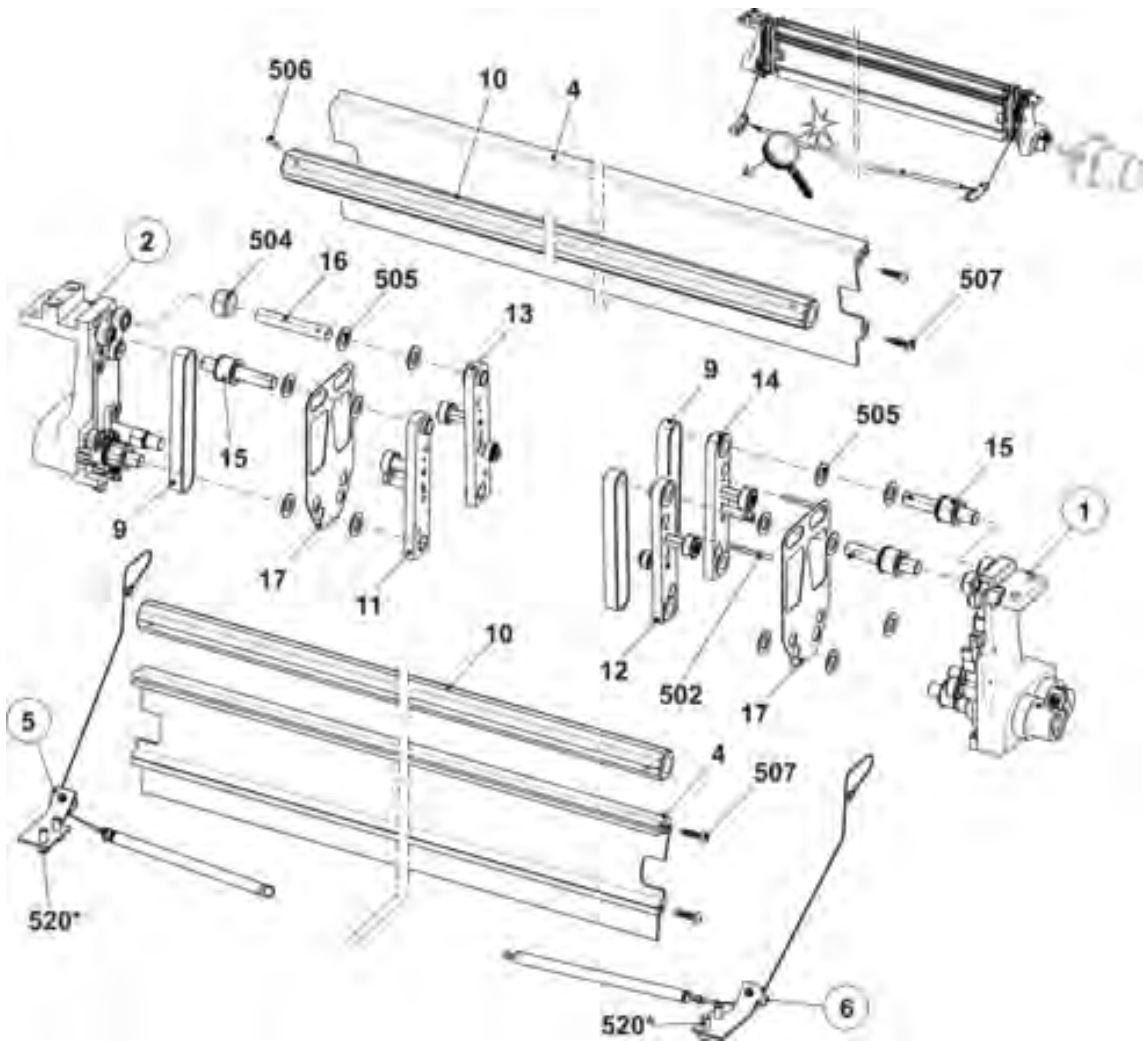


7 Auxiliary take-down



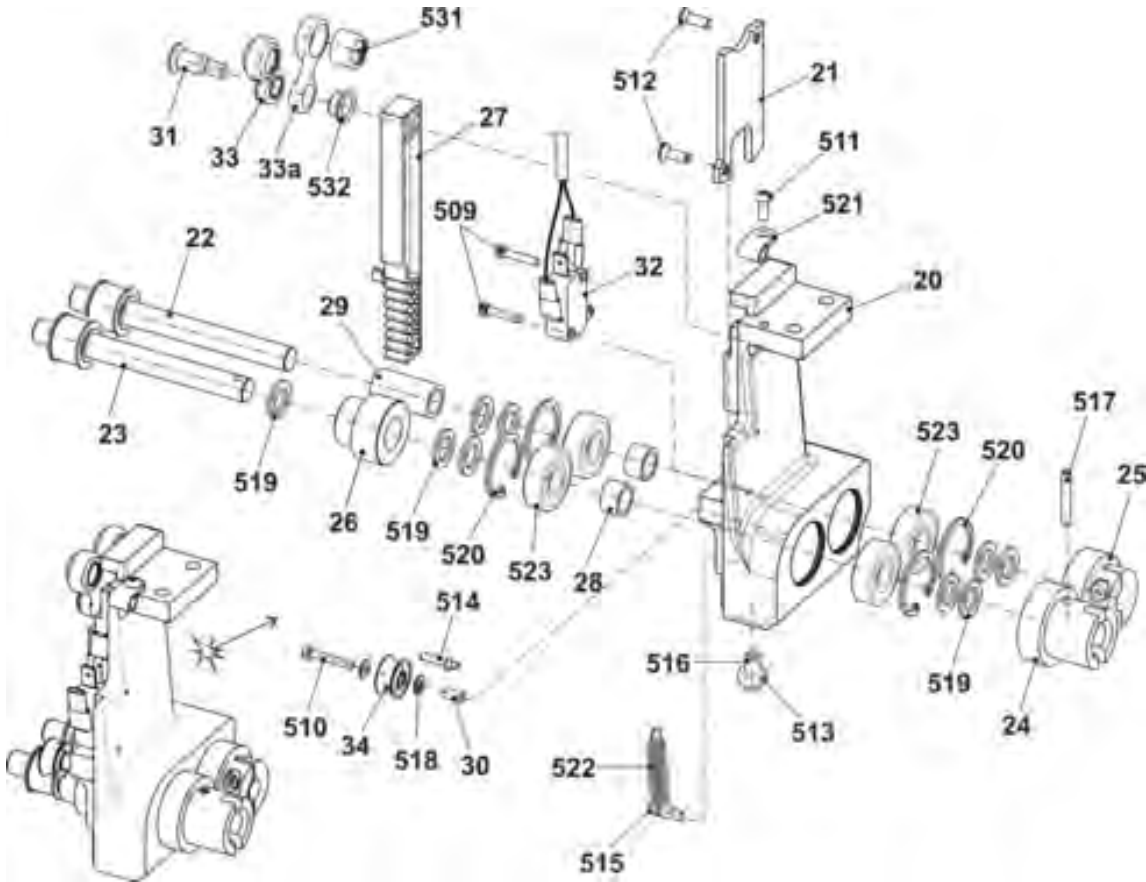
7.1 Auxiliary take-down pre-assembled

Pos	Designation	Id	Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	254 061			
1	Bearing on the right complete	239 996	14	Lever at the rear on the right	227 260
2	Bearing on the left complete	239 999	15	Toothed belt pulley complete	226 708
4	Guide plate	213 362	16	Bolts	227 914
5	Metal angle on the left complete	225 013	17	Protective plate	225 754
6	Metal angle on the right complete	225 014	502	Shoulder screw M3x27x32	023 634
9	Toothed belt10T5/260	208 832	504	Set collar	020 934
10	Take-down roller	224 891	505	Stop disk	023 646
11	Lever at the front on the left	227 263	506	Spring dowel sleeve 3x20	020 776
12	Lever at the front on the right	227 262	507	Sheet metal screw St4,8x22-	023 259
13	Lever at the rear on the left	227 261	520*	Cap screw M6x12	020 134



7.1.1 Right bearing of the auxiliary take-down

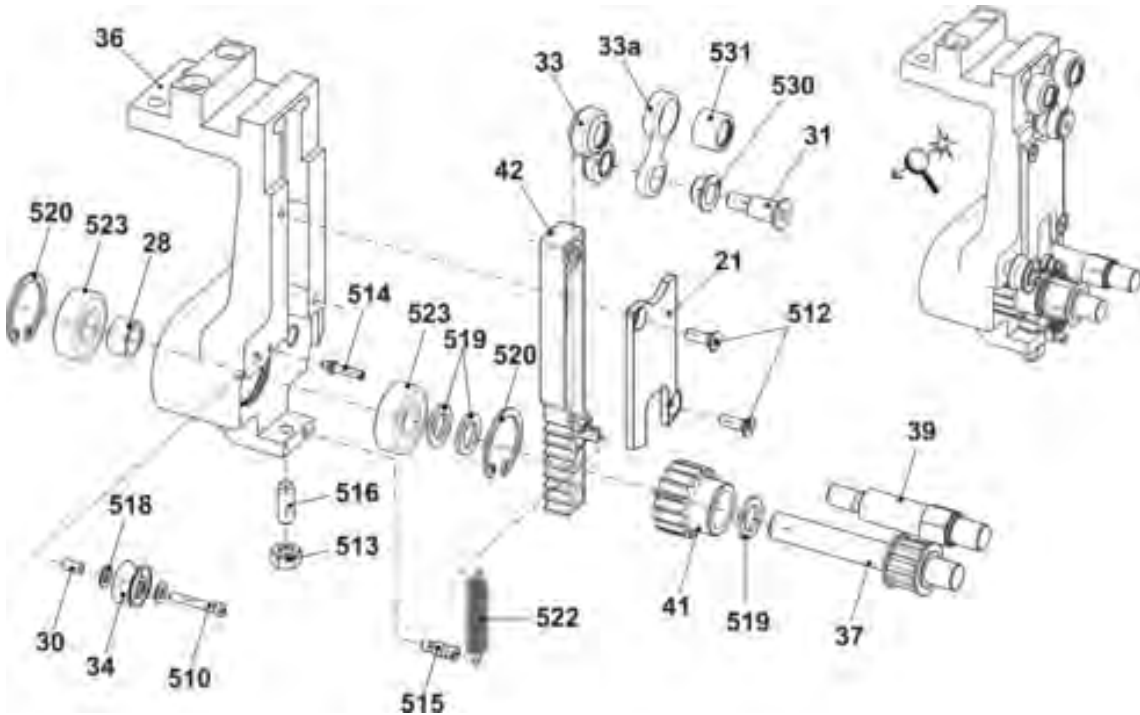
Pos	Designation		Id		Pos	Designation		Id
Σ	Bearing on the right complete					532	Slide bearing GFM-081014-06	023 358
20	Bearing block on the right		258 913		34	Roller deflector		218 805
21	Cover		257 466		500	Cap screw M3x16		022 560
22	Drive shaft complete		227 857		510	Cap screw M3x20		022 448
23	Drive shaft complete		227 853		511	Pan-head screw M4x10		023 450
24	Gear wheel M=1,5, Z=20		213 880		512	Countersunk head screw M4x12		023 062
25	Gear wheel M=1,5 , Z=20		210 504		513	Hexagon nutM6-6		020 836
26	Gear wheel on the right complete		218 524		514	Threaded bolt with shoulder		243 226
27	Gear rack on the right		253 487		515	Shoulder screw M4x9x14		020 602
28	Threaded spacer		229 683		516	SetscrewM6x16-45		023 092
29	Sleeve		227 257		517	Spiral pin 4x24		023 544
30	Sleeve		239 997		518	Shim ring 4x8x0,5		023 384
31	Collar bolt		210 551		519	Shim ring 10x16x1,5		023 261
32	Cable with switch auxiliary take-downokc		243 142		520	Locking ring26x1,2		023 359
33	Connecting rod complete		226 710		521	Fastening clip 255/5,2		008 335
	33a	Connecting rod	255 696		522	Tension spring 7,5x0,7x28		023 595
	531	Needle bearingHK1010	023 664		523	Grooved ball bearing 6000-2Z		022 599



7.1 Auxiliary take-down pre-assembled

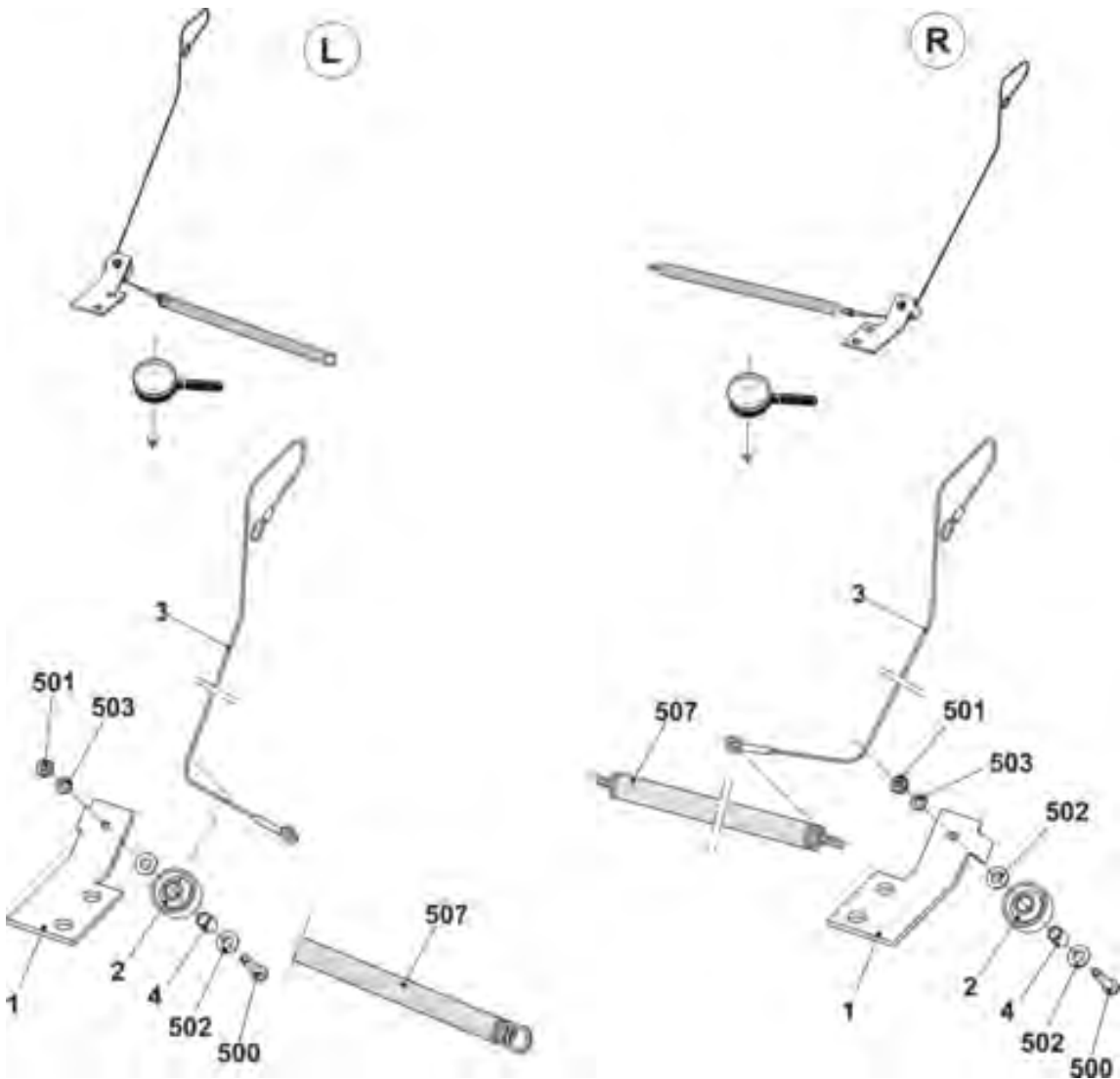
7.1.2 Left bearing of the auxiliary take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Bearing on the left			41	Gear wheel on the left complete	218 523
21	Cover	257 466		42	Gear rack on the left	253 488
28	Threaded spacer	229 683		510	Cap screw M3x20	022 448
30	Sleeve	239 997		512	Countersunk head screw M4x12	023 062
31	Collar bolt	210 551		513	Hexagon nutM6-6	020 836
33	Connecting rod complete			514	Threaded bolt with shoulder	243 226
	33a	Connecting rod	255 696	515	Shoulder screw M4x9x14	020 602
	530	Slide bearing GFM-081014-06	023 358	516	SetscrewM6x16-45	023 092
	531	Needle bearingHK1010	023 664	518	Shim ring 4x8x0,5	023 384
34	Roller deflector	218 805		519	Shim ring 10x16x1,5	023 261
36	Bearing block on the left	258 914		520	Locking ring26x1,2	023 359
37	Drive shaft complete	227 887		522	Tension spring 7,5x0,7x28	023 595
39	Bolts	226 705		523	Grooved ball bearing 6000-2Z	022 599



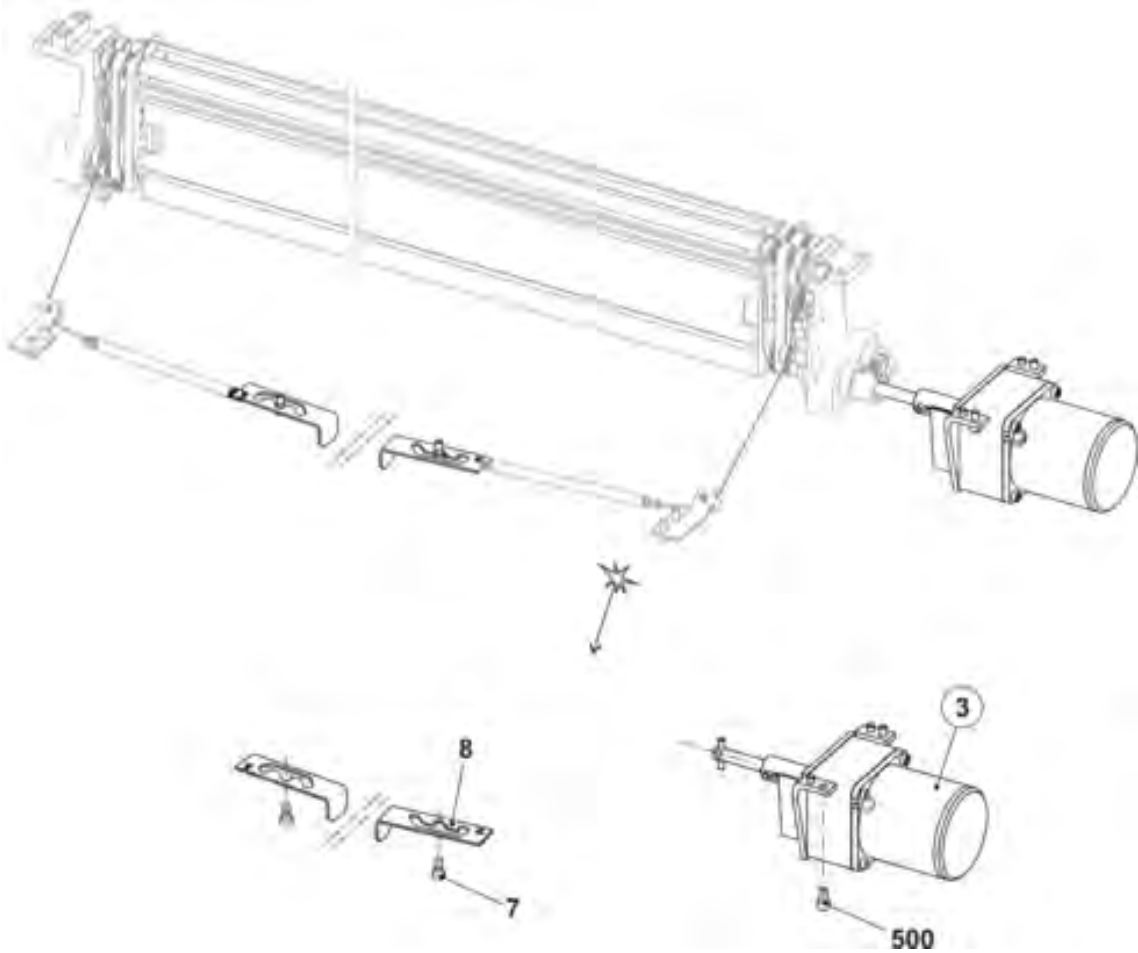
7.1.3 Metal angle on the left and right complete

Pos	Designation	Id		Pos	Designation	Id
Σ L	Metal angle on the left complete	225 013		Σ R	Metal angle on the right complete	225 014
1	Metal angle on the left	224 920		1	Metal angle on the right	224 931
2	Roller deflector	218 805		2	Roller deflector	218 805
3	Fine rope	224 977		3	Fine rope	224 977
4	Sleeve	227 867		4	Sleeve	227 867
500	Cap screwM3x16	022 560		500	Cap screwM3x16	022 560
501	Hexagon nut M3-6	022 564		501	Hexagon nut M3-6	022 564
502	Shim ring 4x8x0,5	023 384		502	Shim ring 4x8x0,5	023 384
503	Spring washer A3	021 005		503	Spring washer A3	021 005
507	Tension spring 8x0,9x75	021 287		507	Tension spring 8x0,9x75	021 287



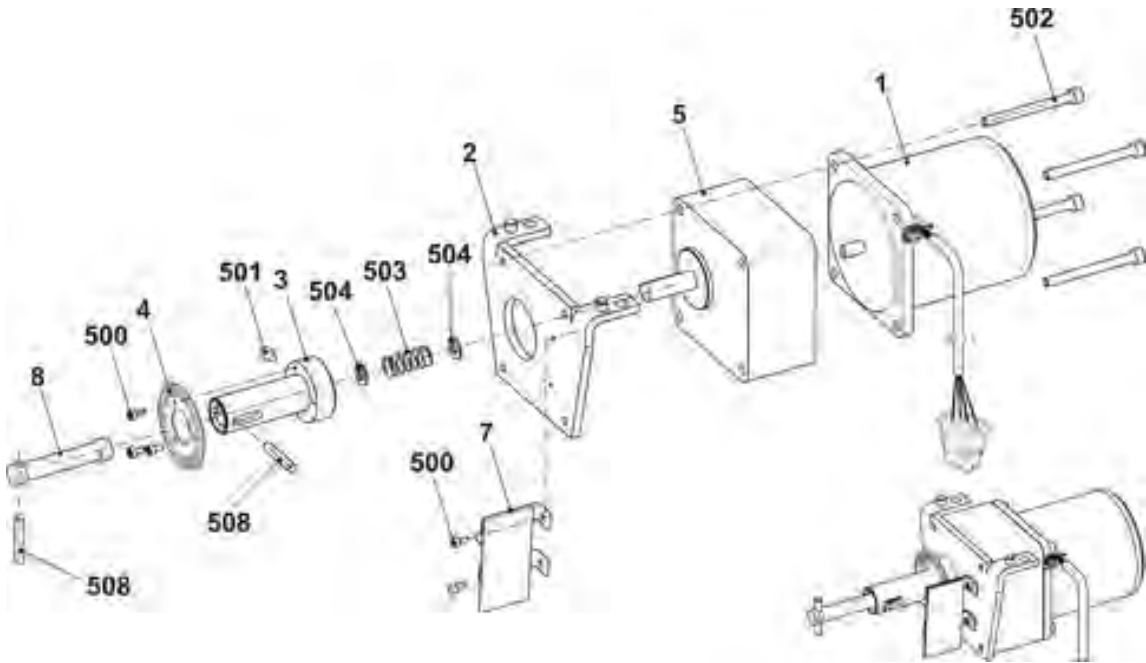
7.2 Auxiliary take-down in the middle

Pos	Designation	Id		Pos	Designation	Id
Σ	Auxiliary take-down in the middle	254 062				
3	Take-down motor complete auxiliary take-down	214 449		8	Detent plate	222 040
7	Shoulder screw	207 101		500	Cap screwM6x12	020 134



7.3 Motor

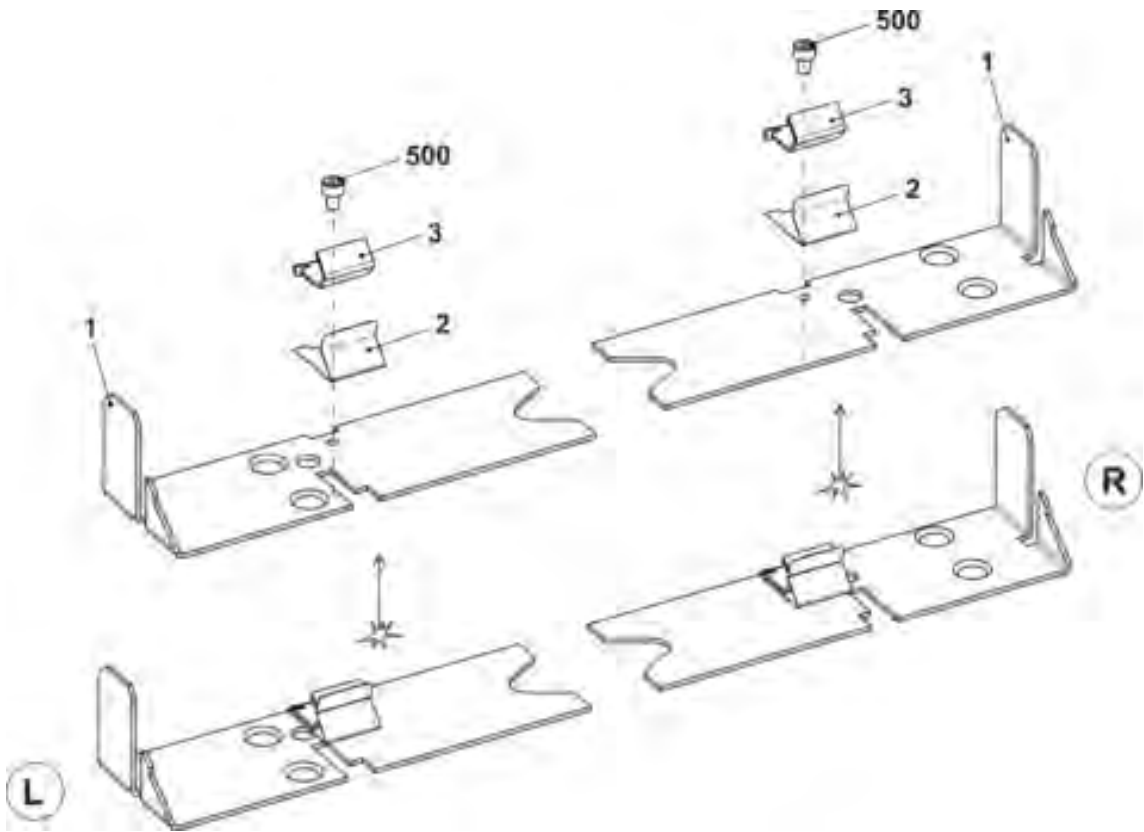
Pos	Designation	Id		Pos	Designation	Id
Σ	Motor auxiliary take-down complete	214 449		8	Shaft	219 025
1	Motor auxiliary take-down	213 871		500	Cap screwM3x6	022 589
2	Motor bracket	218 040		501	Setscrew M6x10	023 543
3	Drive sleeve	219 024		502	Cap screwM5x55	023 321
4	Impulse disc	218 449		503	Compression spring 0,63x10,97x40	023 500
5	Gear unit 4GN36K	220 353		504	Shim ring 6x12x1	023 444
7	Light barrier Auxiliary take-down	217 462		508	Dowel pin 5x28	241 686



7.4 Yarn brake at clamping and cutting bed

7.4 Yarn brake at clamping and cutting bed

Pos	Designation	Id		Pos	Designation	Id
Σ L	Yarn brake on the left	256 740		Σ R	Yarn brake on the right	256 715
1	Cover on the left	256 739		3	Cover on the right	256 714
2	Leaf spring	256 712		1	Leaf spring	256 712
3	Test clamping plate	256 713		2	Test clamping plate	256 713
500	Cap screwM4x6	023 067		500	Cap screwM4x6	023 067

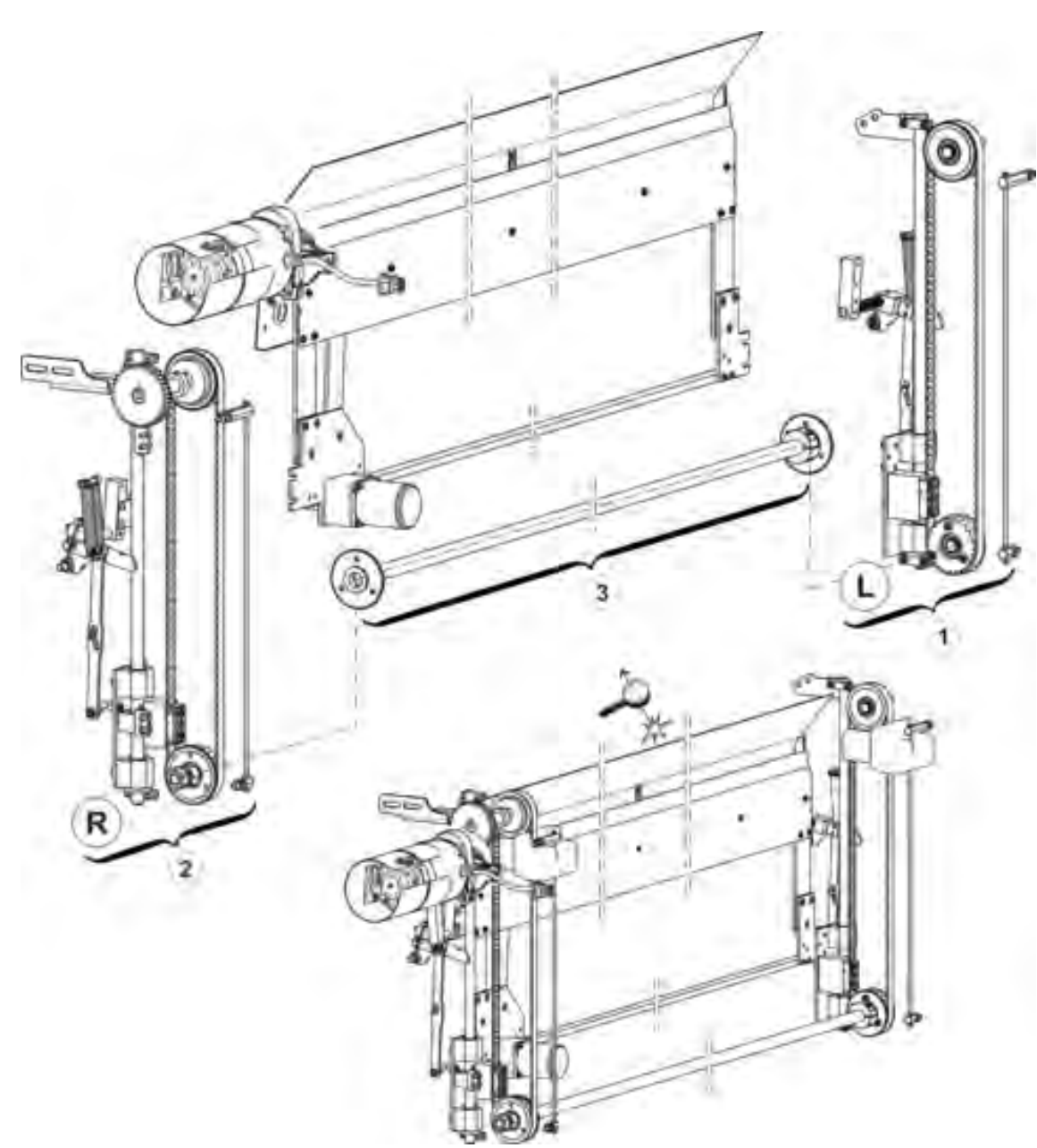


8 Comb take-down



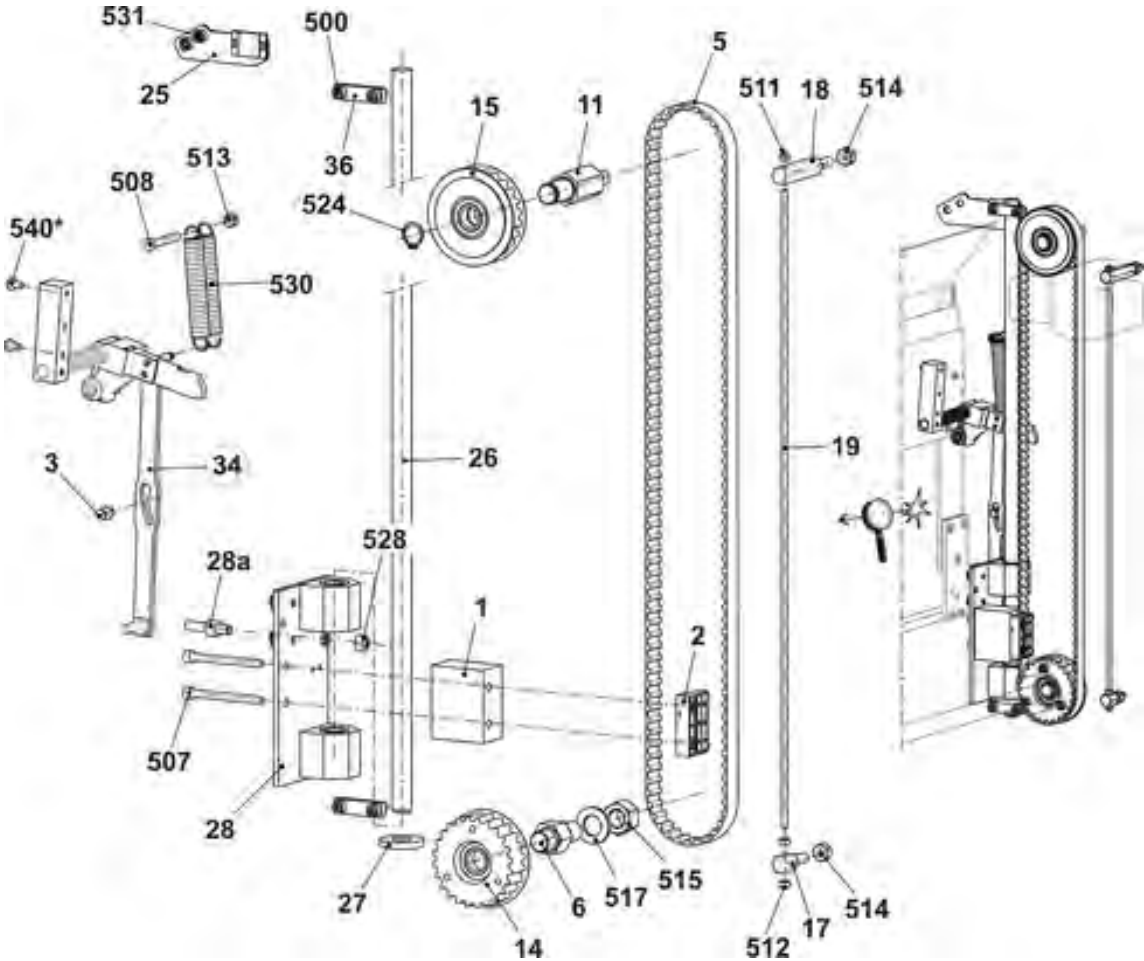
8.1 Comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down					
1	Comb take-down on the left	256 834		3	E12 E6.2 E6.2(12m.10)	253 522
2	Comb take-down on the right	256 835			E14 E7.2	253 590
3	Comb take-down in the middle				E16 E8.2	253 591
	E10	253 589			E18	253 592



8.2 Comb take-down on the left

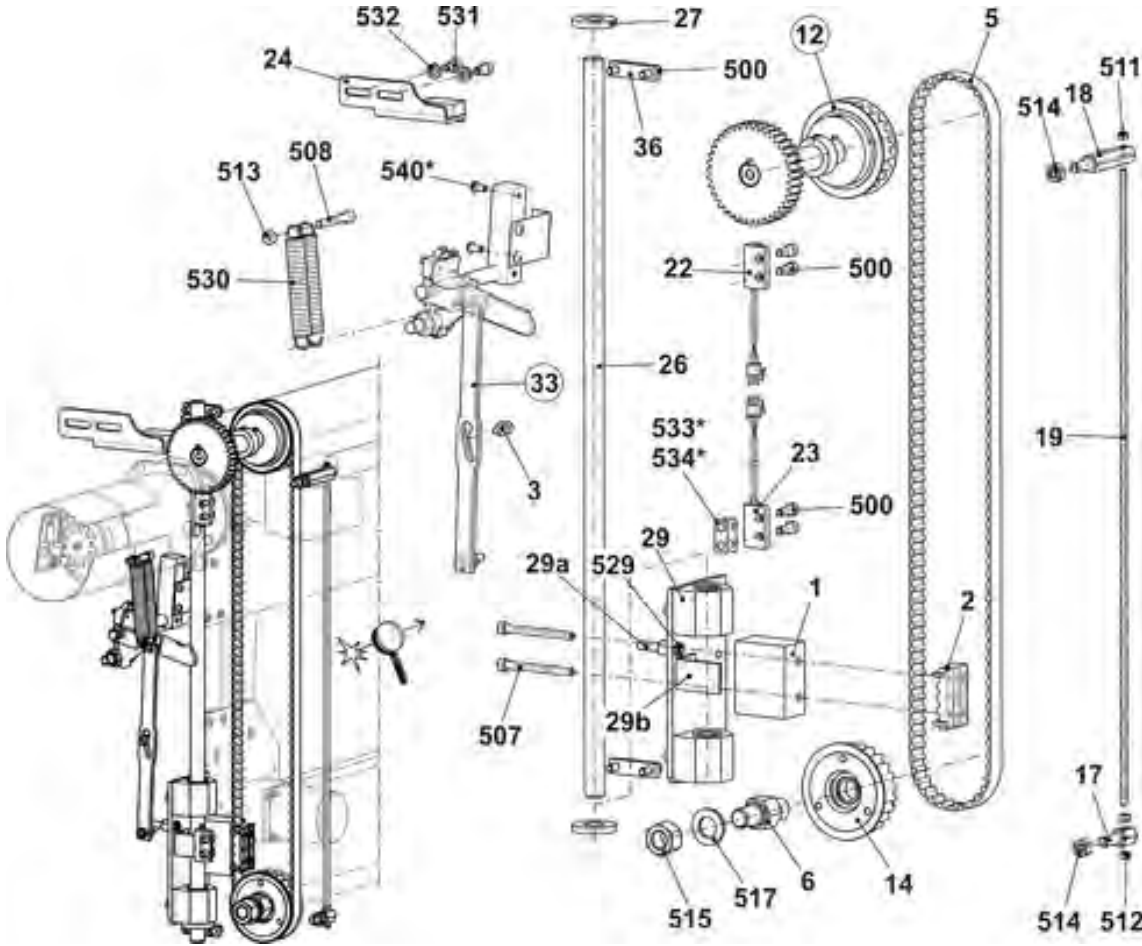
Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down on the left	256 834				
1	Clamping piece	209 379		528	Hexagon nut M8-6	020 838
2	Pressure plate	241 967		34	Swivel lever on the left	252 859
3	Bolts	222 152		36	Clamping plate	227 159
5	Toothed belt16T10/1300	240 065		500	Cap screw M6x16	020 135
6	Eccentric pin	222 320		507	Cap screw M6x65	240 162
11	Bolts	207 689		508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822		511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823		512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315		513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056		514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057		515	Hexagon nut M16-6	020 845
25	Reflector complete	256 826		517	Washer16	020 876
26	Guide bar C35	206 560		524	Locking ring17x1	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



8.3 Comb take-down on the right

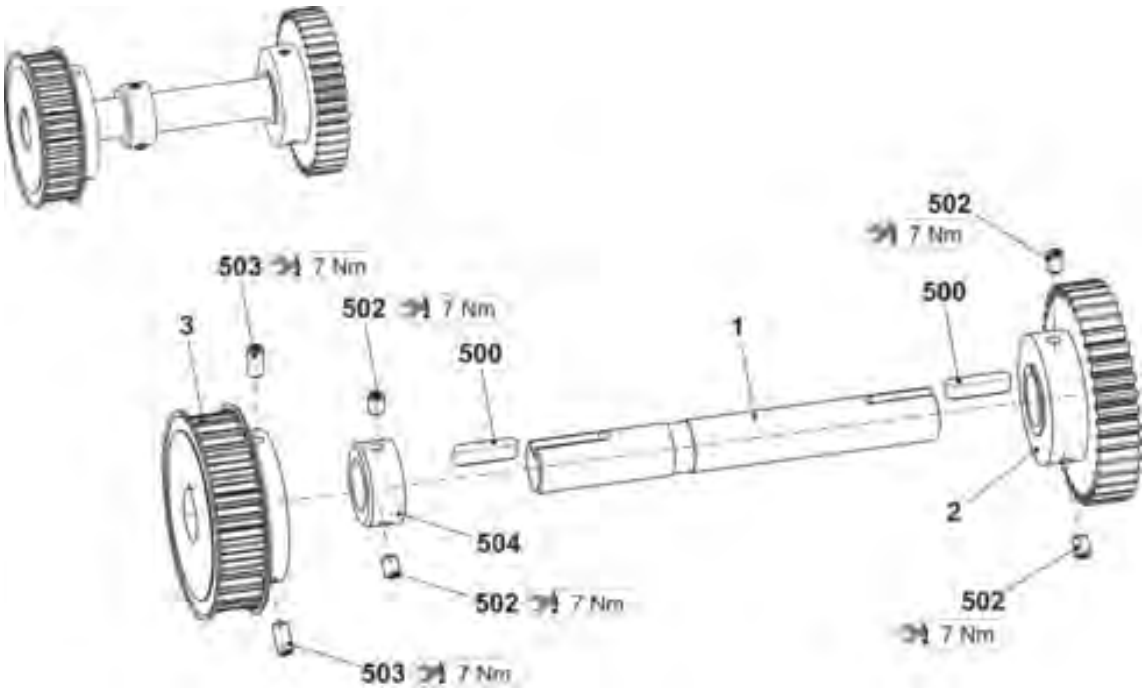
8.3 Comb take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the right	256 835			
1	Clamping piece	209 379	529	Hexagon nut M8-6	020 838
2	Pressure plate	241 967	33	Swivel lever on the right	252 858
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt16T10/1300	240 065	500	Cap screwM6x16	020 135
6	Eccentric pin	222 320	507	Cap screwM6x65	240 162
12	Drive shaft comb complete	214 583	508	Cap screwM6x45	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	Washer16	020 876
24	Light barrier complete	256 825	530	Tension spring 15x1,50x70,94	251 614
26	Guide bar C35	206 560	531	Cap screwM6x12	020 134
27	Rubber buffer	206 561	532	Washer6	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 screwM5x10	023 247



8.3.1 Drive shaft of comb

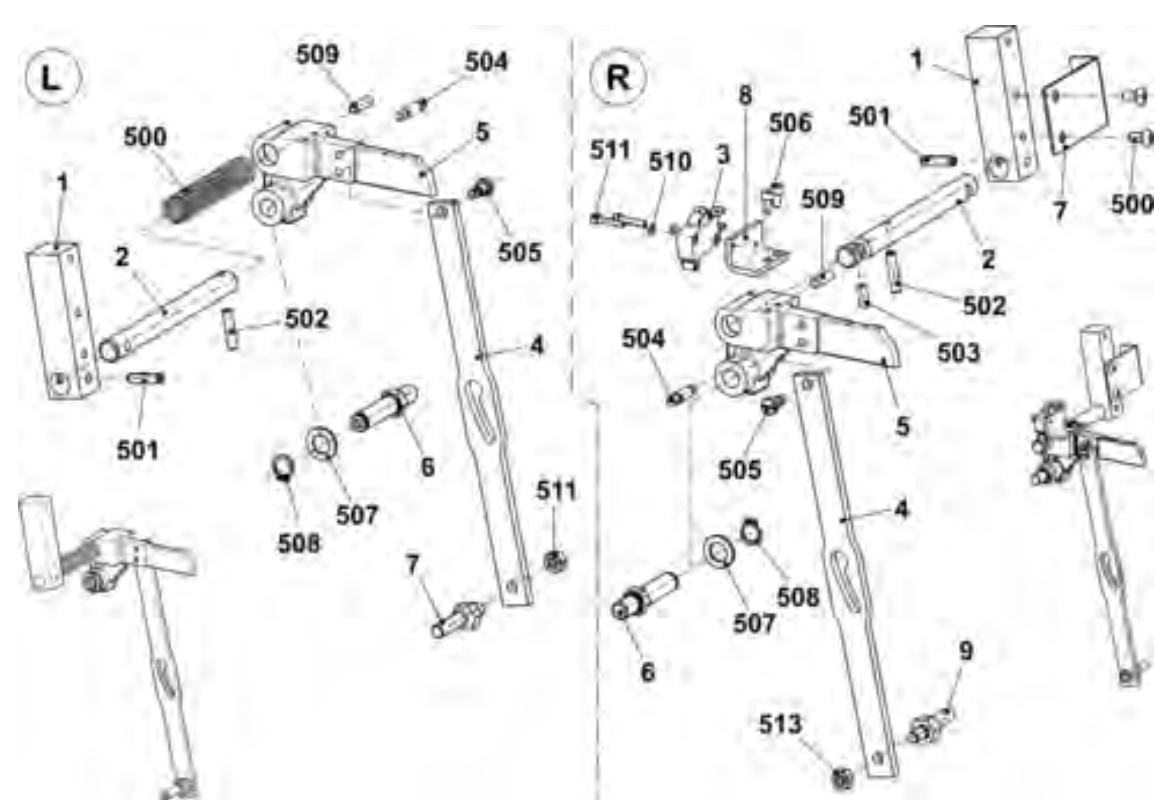
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Shaft	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394		504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



8.3 Comb take-down on the right

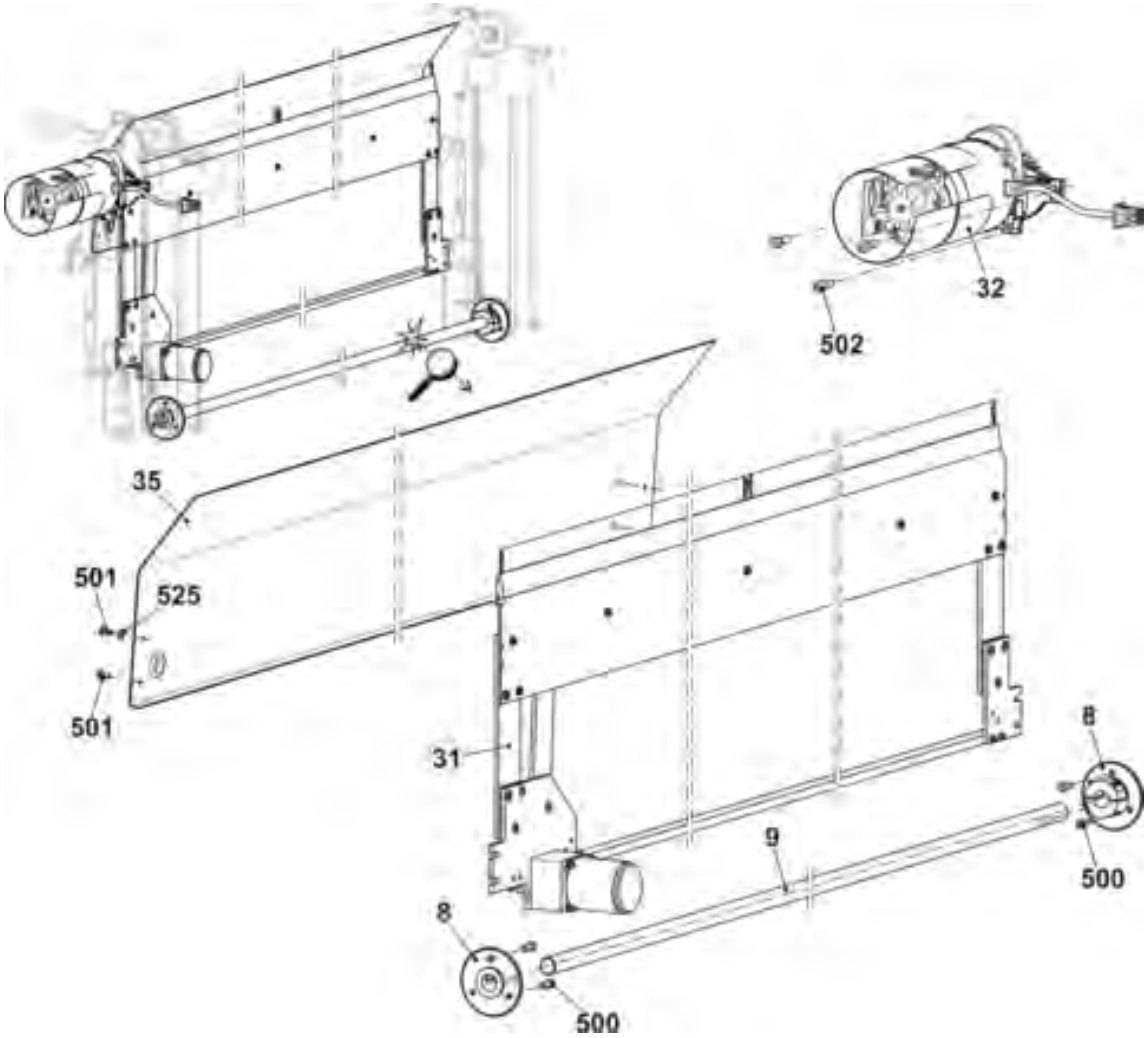
8.3.2 Swivel lever comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ L	Swivel lever on the left	252 859		Σ R	Swivel lever on the right	252 858
1	Support	252 780		1	Support	252 780
2	Shaft	223 994		2	Shaft	238 339
4	Plunger	255 650		3	Microswitch	026 259
5	Swivel lever	239 248		4	Plunger	255 650
6	Bolt	214 053		5	Swivel lever	239 248
7	Eccentric bolt	255 651		6	Bolt	214 053
500	Compression spring 1,4x13,6x93	023 572		7	Angle	224 009
501	Spring dowel sleeve Iso8752-5x20	020 794		8	Angle	238 304
502	Dowel pin 5x22	023 716		9	Eccentric bolt	255 651
504	Shoulder screw M5x29x35	251 618		500	Pan-head screwM5x10	023 247
505	Shoulder screw M5x5,8x6,2	023 365		501	Spring dowel sleeve 5x20	020 794
507	Washer10	020 884		502	Dowel pin 5x22	023 716
508	Locking ring	020 950		503	Spring dowel sleeve 5x12	020 793
509	Shoulder screw M5x12x18	020 539		504	Shoulder screw M5x29x35	251 618
511	Hexagon nut M8-6	020 838		505	Shoulder screw M5X5,8X6,2	023 365
				506	Cap screwM4x8	022 501
				507	Washer10	020 884
				508	Locking ring 10x1	020 950
				509	Shoulder screw M5X12X18	020 539
				510	Cap screwM3x16	022 583
				511	Washer3	020 877
				513	Hexagon nut M8-6	020 838



8.4 Comb take-down in the middle

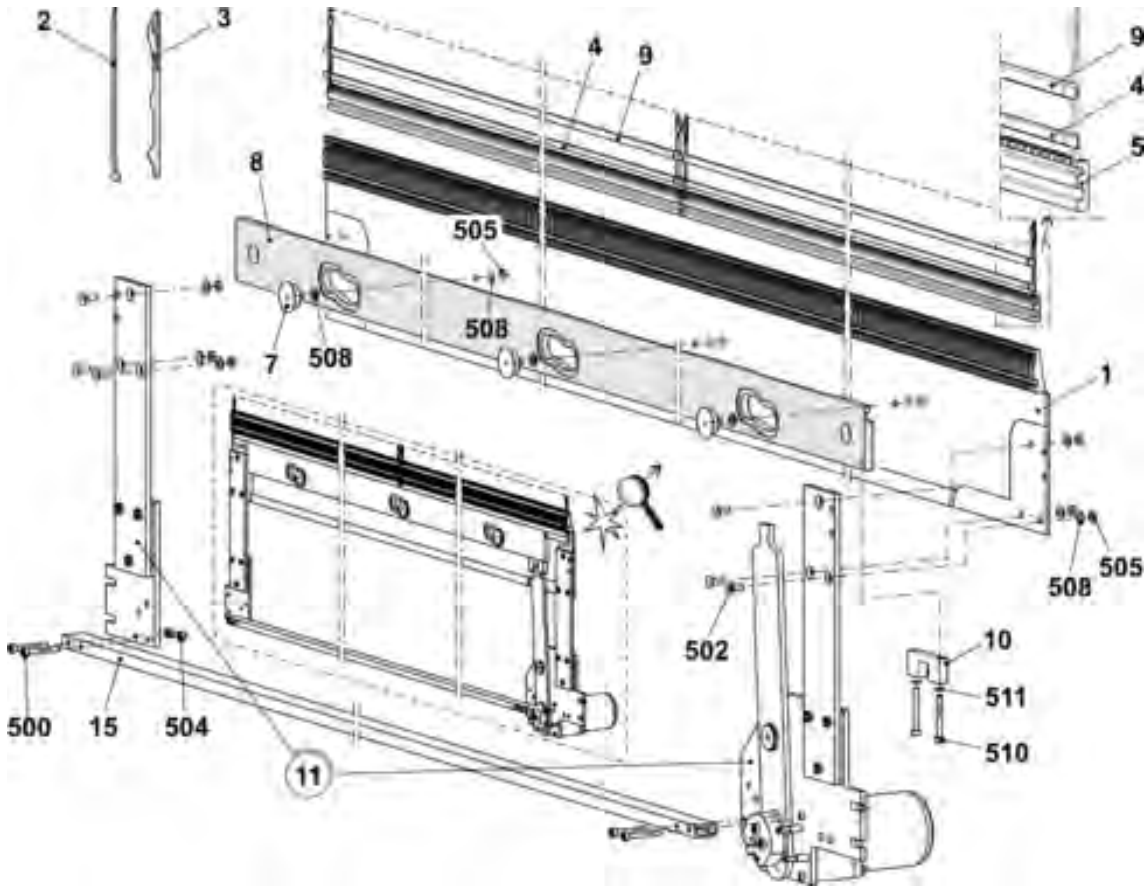
Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down in the middle			31	Comb unit	
	E10	253 589			E10	241 533
	E12 E6.2 E6.2(12m.10)	253 522			E12 E6.2 E6.2(12m.10)	240 061
	E14 E7.2	253 590			E14 E7.2	241 534
	E16 E8.2	253 591			E16 E8.2	241 535
	E18	253 592			E18	241 536
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	213 968		35	Marking plate open	259 237
500	Cap screw M6x16	020 135		502	Cap screw M8x25	020 142
501	Pan-head screw M5x10	023 247		525	Serrated lock washer J5,3	022 489



8.4 Comb take-down in the middle

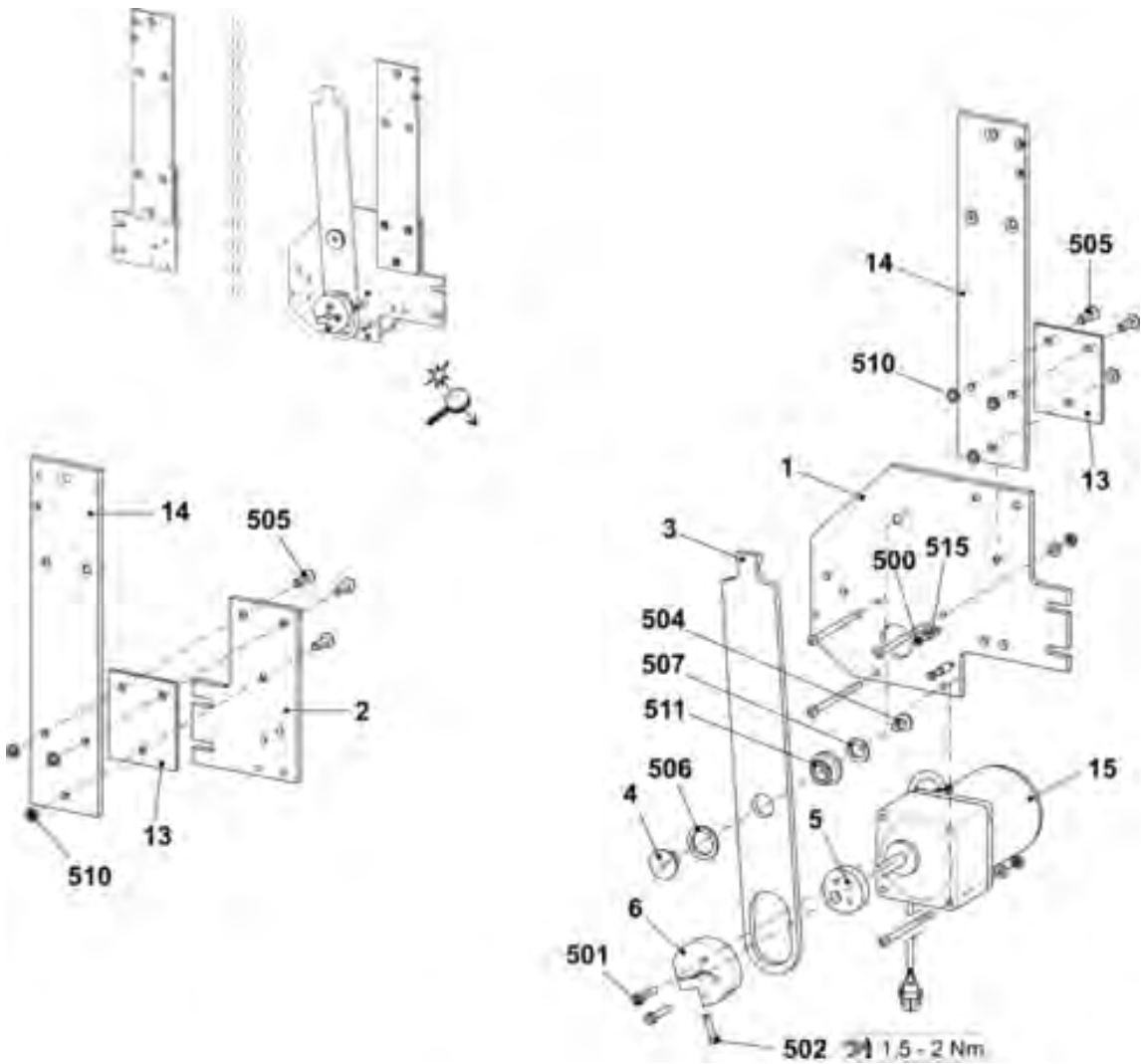
8.4.1 Comb unit

Pos	Designation	Id		Pos	Designation	Id
Σ	Comb unit			5	Hook slider	
	E10	241 533			E10	220 996
	E12 E6.2 E6.2(12m.10)	240 061			E12 E16 E6.2 8.2 E6.2(12m.10)	220 994
	E14 E7.2	241 534			E14 E7.2	220 993
	E16 E8.2	241 535			E18	220 997
	E18	241 536				
1	Hook bed			7	Collar bolt complete	211 036
	E10	221 196		8	Cross slider	213 429
	E12 E6.2 E6.2(12m.10)	221 197		9	Cover rail	222 866
	E14 E7.2	221 198		10	Plunger	205 678
	E16 E8.2	221 199		11	Switching lever complete	240 060
	E18	221 200		15	Stabilizator	215 253
2	Closer			500	Cap screw M4x30	023 290
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	230 106		502	Countersunk head screw M5x12	023 340
	E16 E18 E8.2	230 107		504	Hexagon nut M4-8	023 046
3	Body			505	Hexagon nut M5-04	020 854
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	230 094		508	Washer5	020 871
	E16 E18 E8.2	230 095		510	Cap screw M4x35	023 550
4	Cover rail	213 428		511	Circlip	022 774



8.4.2 Switching lever comb take-down

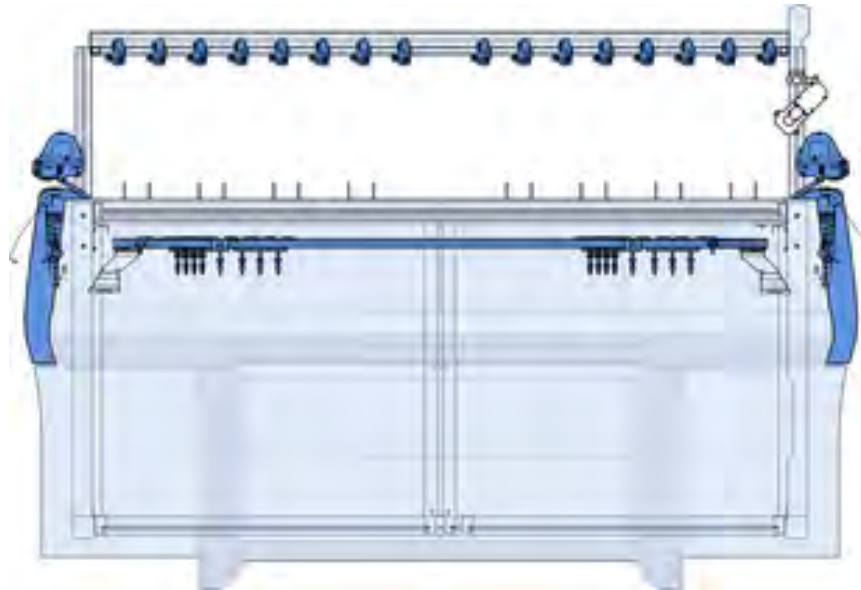
Pos	Designation	ID		Pos	Designation	ID
Σ	Switching lever complete	240 060		500	Cap screwM3x25	023 093
1	Screw-on plate on the right	240 058		501	Cap screwM4x20	023 171
2	Screw-on plate on the left	240 059		502	Cap screwM4x16	023 123
3	Lever	215 228		504	Pan-head screw M6x12	023 435
4	Bearing bolt	215 675		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



8.4 Comb take-down in the middle

Notes:

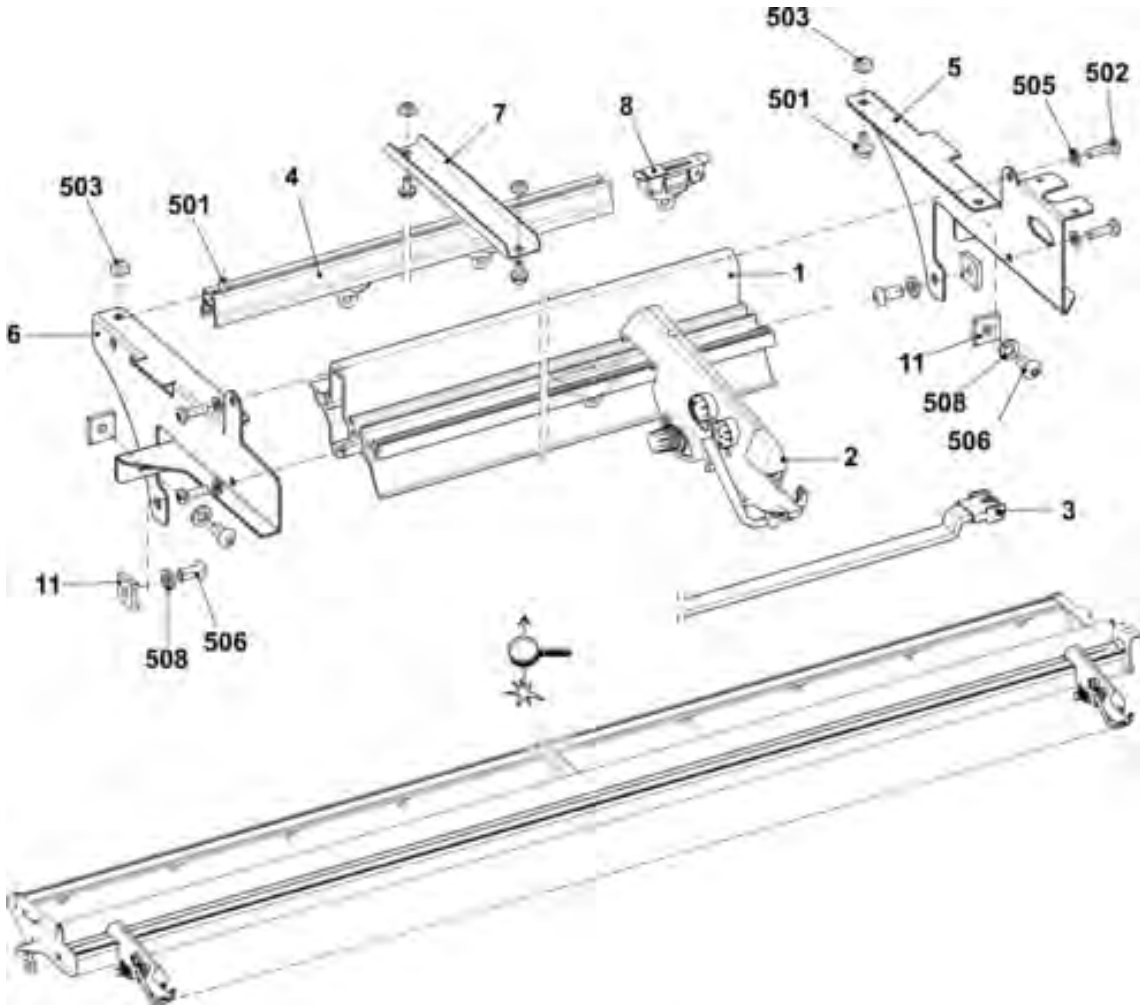
9 Yarn delivery device



9.1 Yarn guide system with 12 and 14 FKE

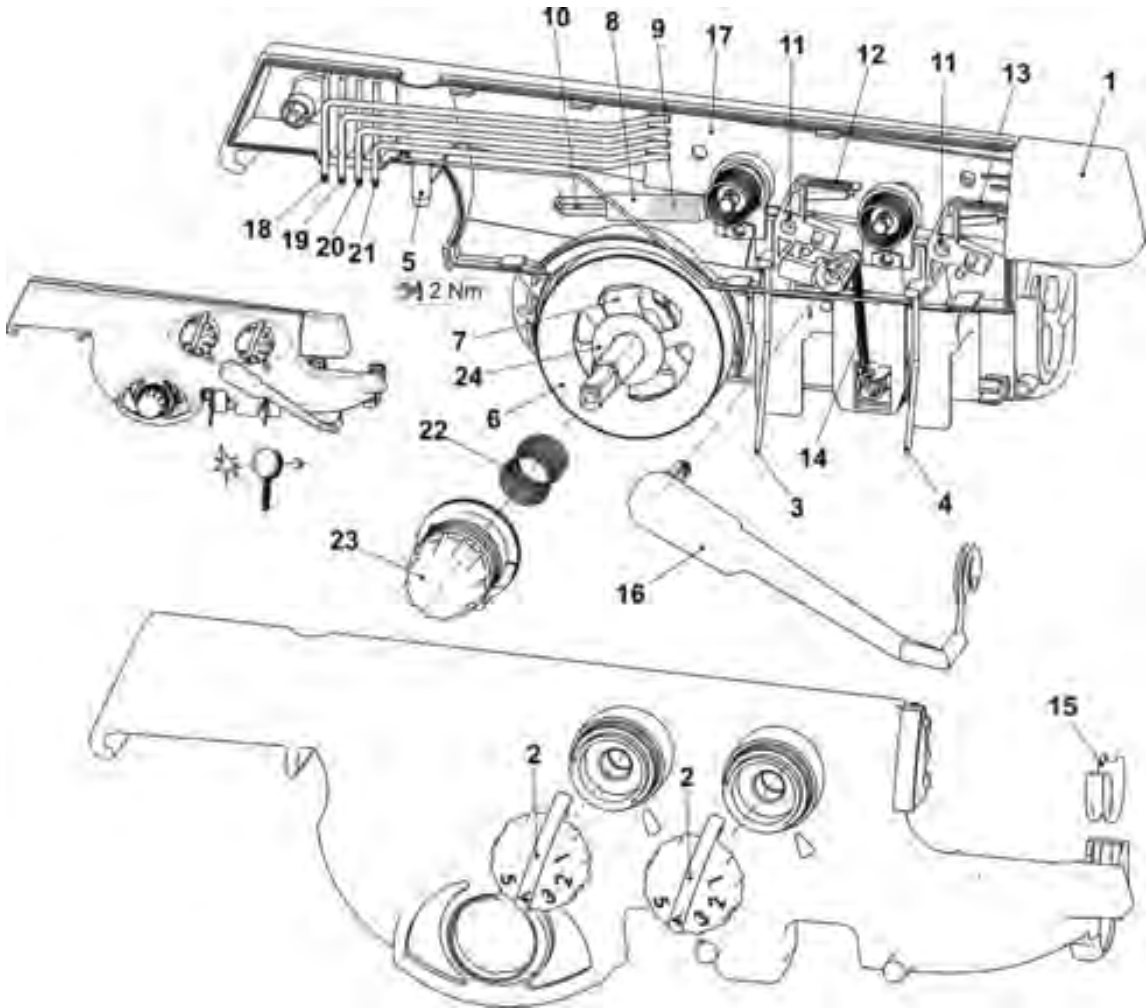
9.1 Yarn guide system with 12 and 14 FKE

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn guide system 12 FKE	241 589		8	Yarn guide bracket complete	241 581
	Yarn guide system 14 FKE	241 587		11	Slot nut	228 851
1	Support 50"	243 110		501	Self-locking screw M6x12	023 415
2	Yarn control device(FKE)	237 124		502	Screw M6x20	023 721
3	Connection cable FKE	254 056		503	Serrated nut M6-10	023 414
4	Yarn guide bar	240 324		505	Washer6-200	022 431
5	Support on the right	251 629		506	Pan-head screw M8x16	023 113
6	Support on the left	251 630		508	Serrated lock washer	023 388
7	Support	243 792				



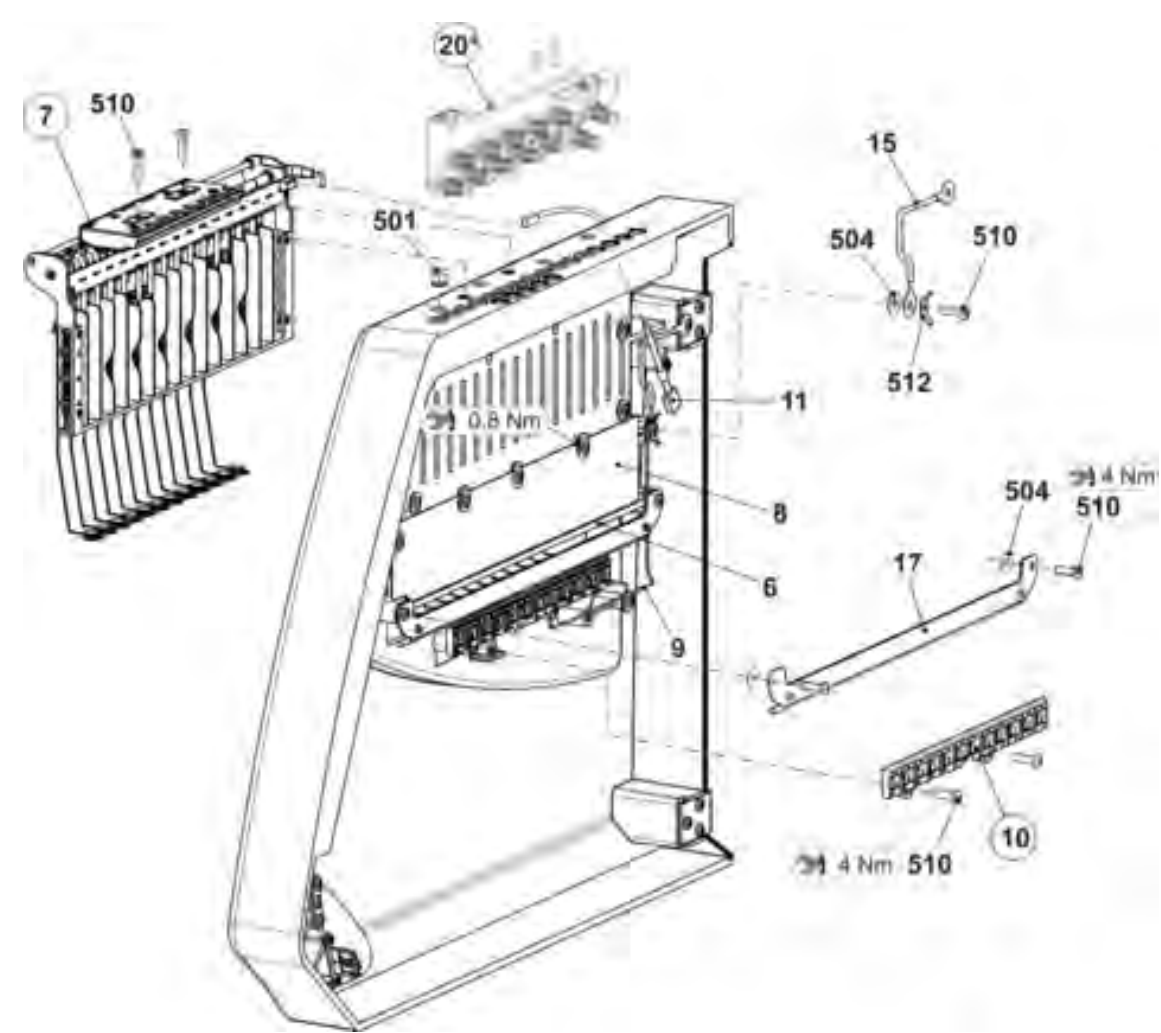
9.2 Yarn control device

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



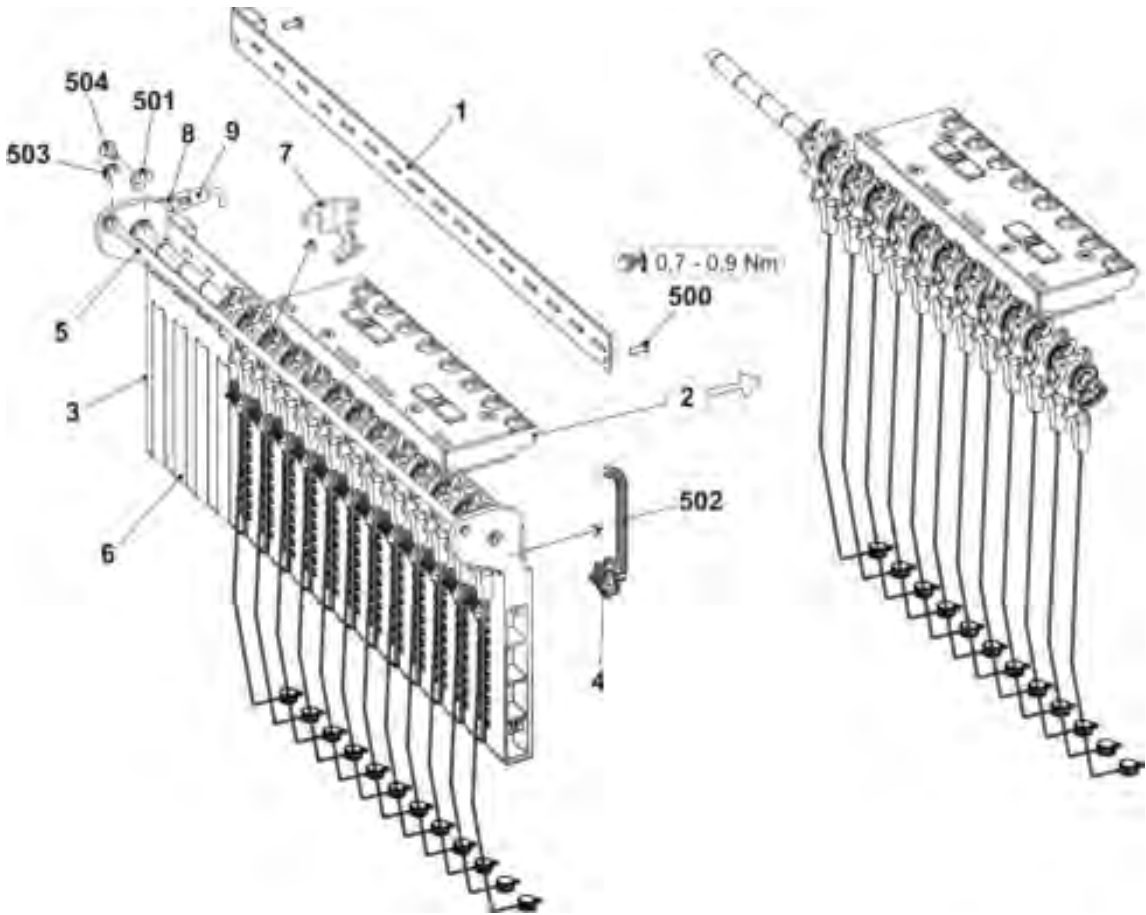
9.3 Left yarn guide E10 | E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Safety door on the left complete E10-18	241 273		15	Ground cable	244 404
6	Wave	241 318		17	Stop bar on the left complete	258 454
7	Yarn tensioner on the left complete E10-18	241 365		20*	Stopping device 12-fold on the left complete	260 342
8	Cover plate 16-fold	259 400		501	Ceramic eyelet	240 640
9	Wire bow on the left	241 370		504	Washer6	022 537
10	Yarn deflector	242 011		510	Screw KB 60x20	237 682
11	Connection cable yarn tensionerokc	240 808		512	Flat connector 2x45° M6	243 117



9.3.1 Yarn tensioner on the left
E10|E12|E14|E16|E18|E14/12|E6.2(12m.10)|E7.2|E8.2

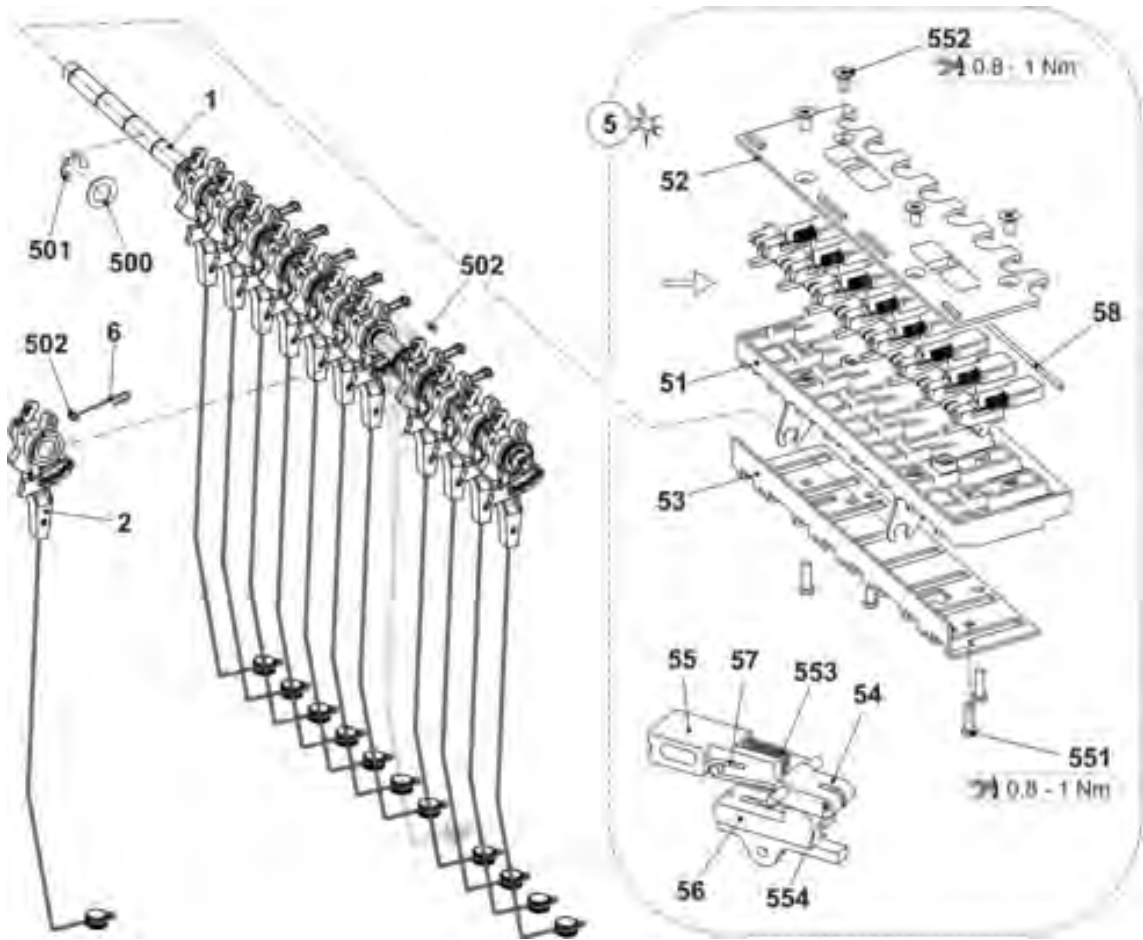
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the left completeE10-18	241 365				
1	Card yarn tensioner 16-fold on the left	241 345		8	Grounding plate of tension axle	243 121
2	Tension axle on the left complete E10-18	241 381		9	Ground cable yarn tensioner okc	243 105
3	Housing	241 367		500	Screw KB 30x8	236 228
4	Slider	241 694		501	Circlip	021 022
5	Stop point	241 368		502	Tension spring 4,9x0,45x53	023 504
6	Border	242 268		503	Circlip	021 020
7	Spacer	242 048		504	Countersunk screw M4x10	241 914



9.3 Left yarn guide E10 | E12 | E14 | E6.2(12m.10) | E7.2

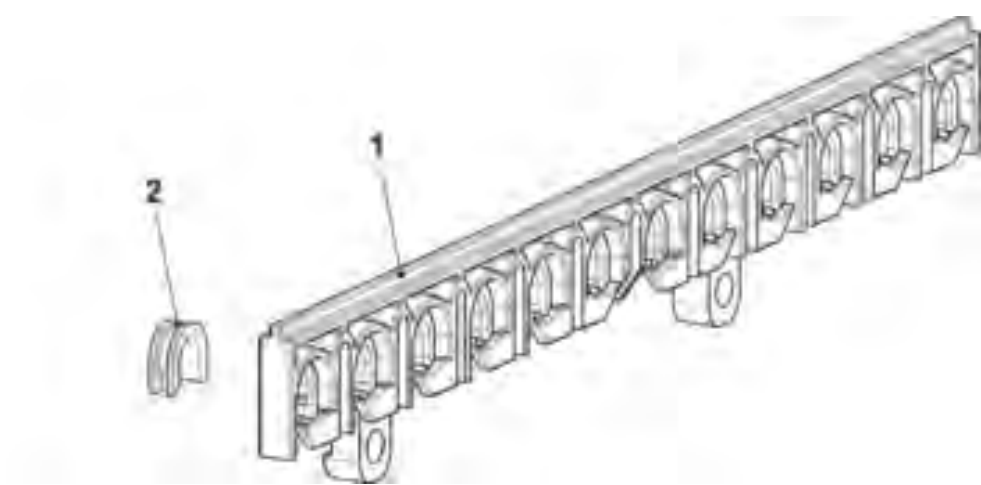
9.3.1.1 Tension axle on the left E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left complete E10-18	241 381	Σ 5	Thread clamp AKF	238 695
1	Axle	243 107	51	HousingAKF	238 689
2	Tension arm pre-assembledE10-18	258 459	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	56	SliderAKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



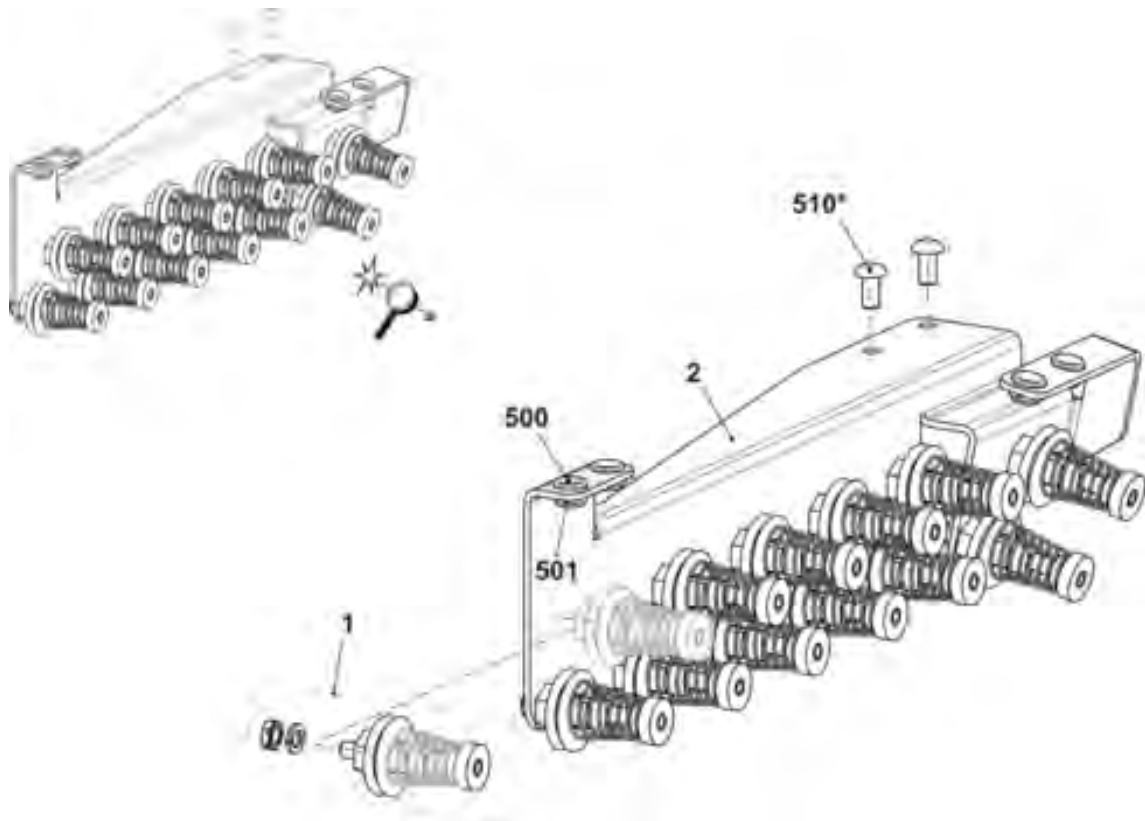
9.3.2 Yarn deflector

Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn deflector	242 011				
1	Support of yarn deflector	242 009		2	Ceramic eyelet open	240 733



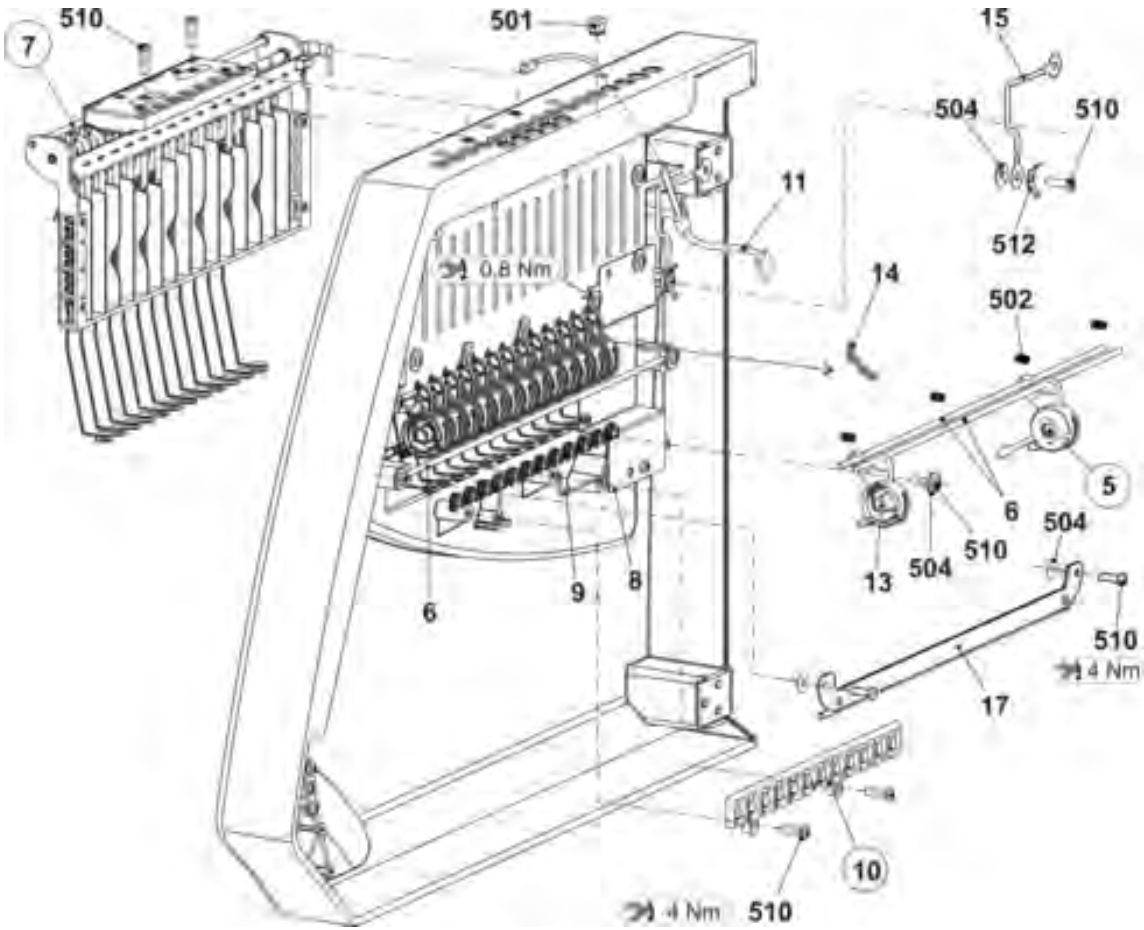
9.3.3 Stopping device on the left

Pos	Designation	Id		Pos	Designation	Id
Σ	Stopping device 12-fold on the left complete	260 342		500	Eyelet 4,2	021 502
1	Yarn brakeE10-18	259 440		501	Clamping ring for sintered ceramics eye	259 606
2	Support plate on the left	260 288		510*	Pan-head screw M5x10	023 247



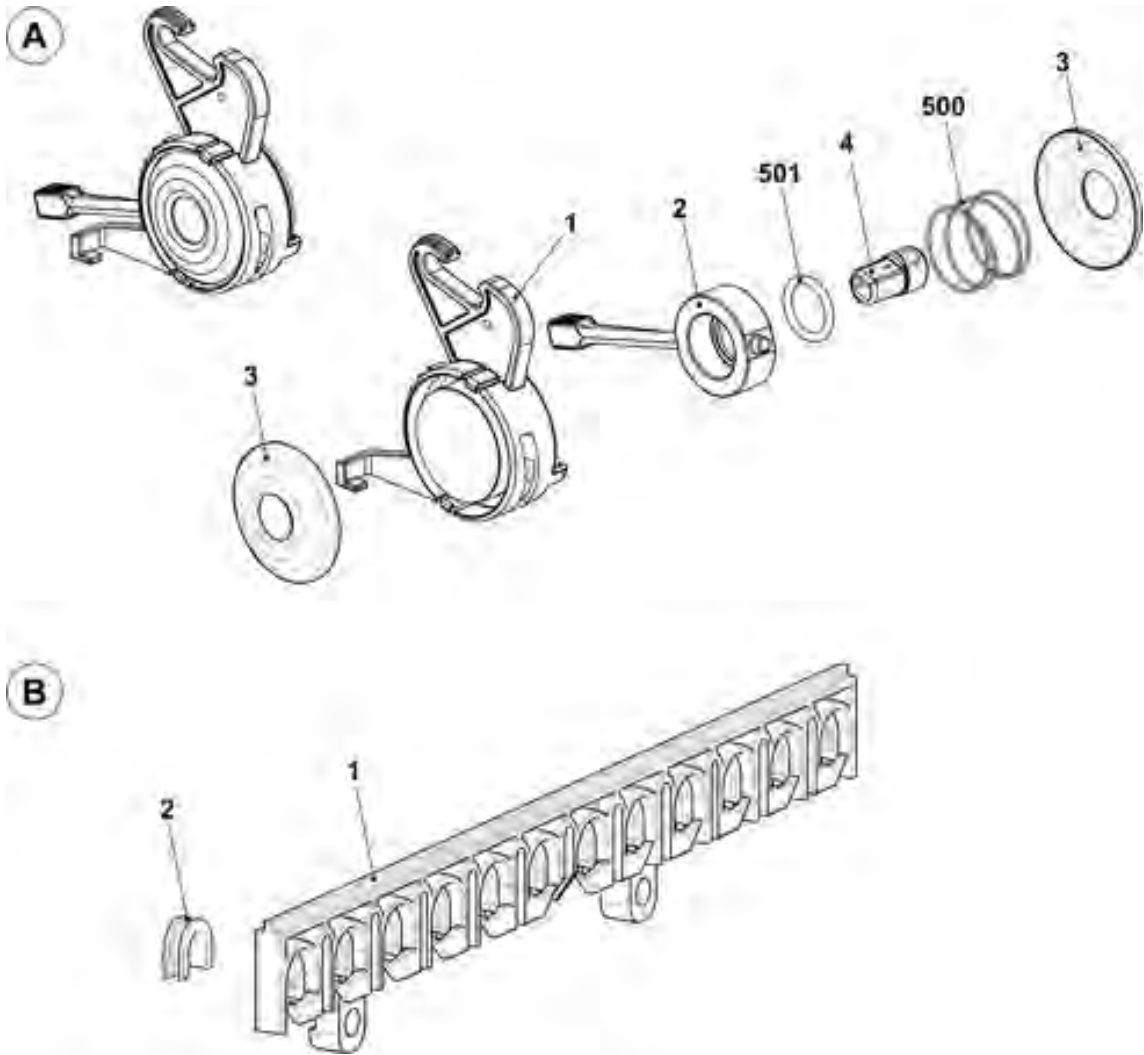
9.4 Yarn guide on the left E16 | E18 | E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the left complete E16-18	259 725			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Wave	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left completeE10-18	241 365	17	Stop bar on the left complete	258 454
8	Cover	240 783	501	Ceramic eyelet	240 640
9	Wire bow on the left	241 370	502	Compression spring0,90x5,40x13,60	241 360
10	Yarn deflector	242 011	504	Washer6	022 537
11	Connection cable yarn tensionerokc	240 808	510	Screw KB 60x20	237 682
13	Yarn brake not adjustable	244 356	512	Flat connector 2x45° M6	243 117



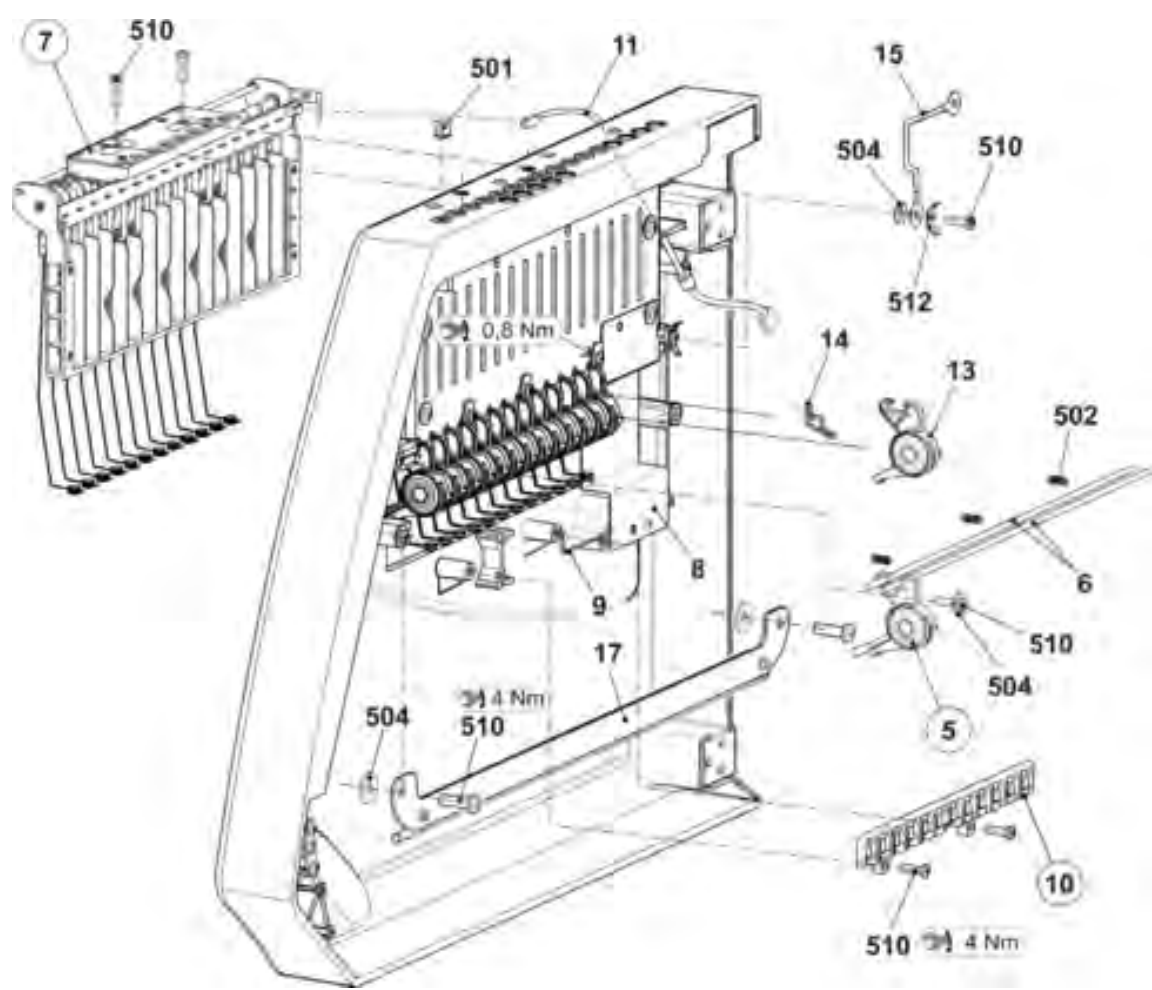
9.4.1 Yarn brake and yarn deflector

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



9.5 Left yarn guide E6.2

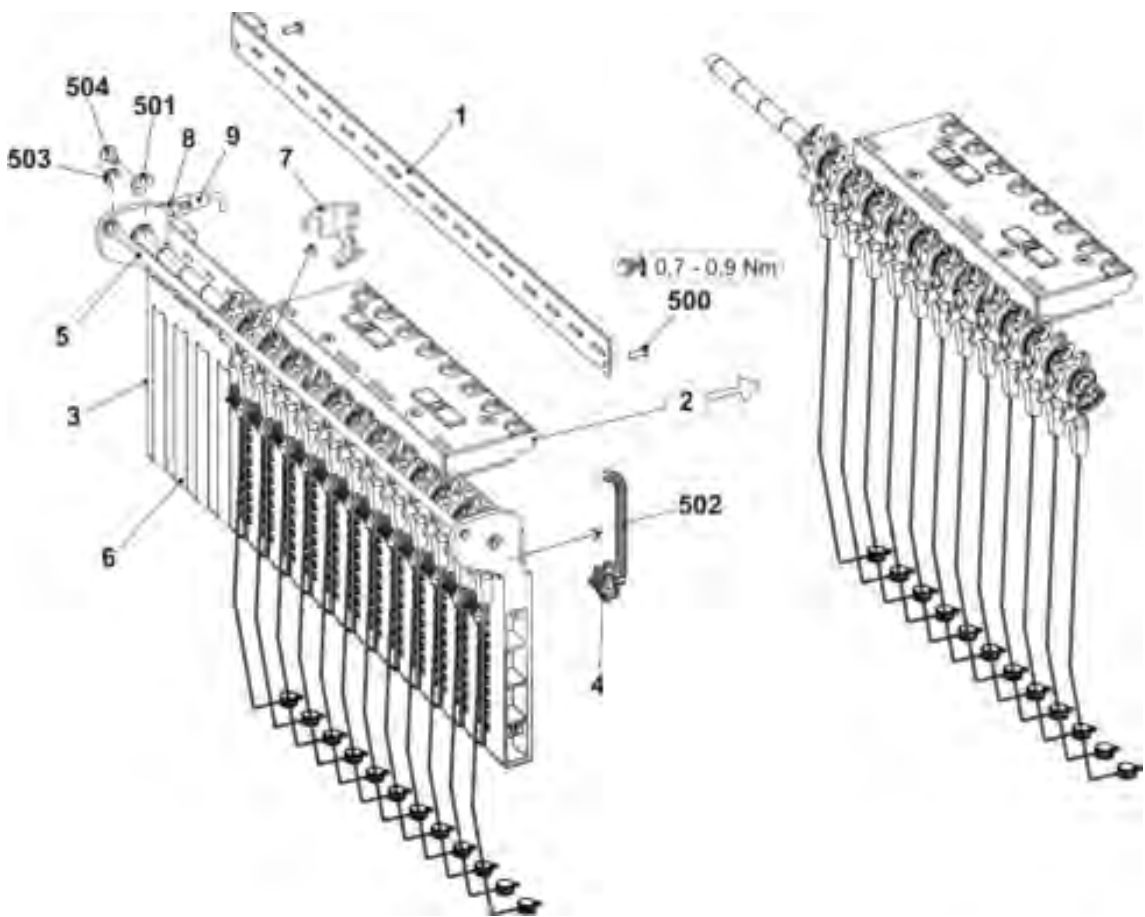
Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete E7-8	241 272			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left completeE7-8	241 364	17	Stop bar on the left complete	258 454
8	Cover	240 783	501	Ceramic eyelet	240 640
9	Wire bow on the left	241 370	502	Compression spring 0,90x5,40x13,60	241 360
10	Yarn deflector	242 011	504	Washer6	022 537
11	Connection cable yarn tensionerokc	240 808	510	Screw KB 60x20	237 682
13	Yarn brake not adjustable	244 356	512	Flat connector 2x45° M6	243 117



9.5 Left yarn guide E6.2

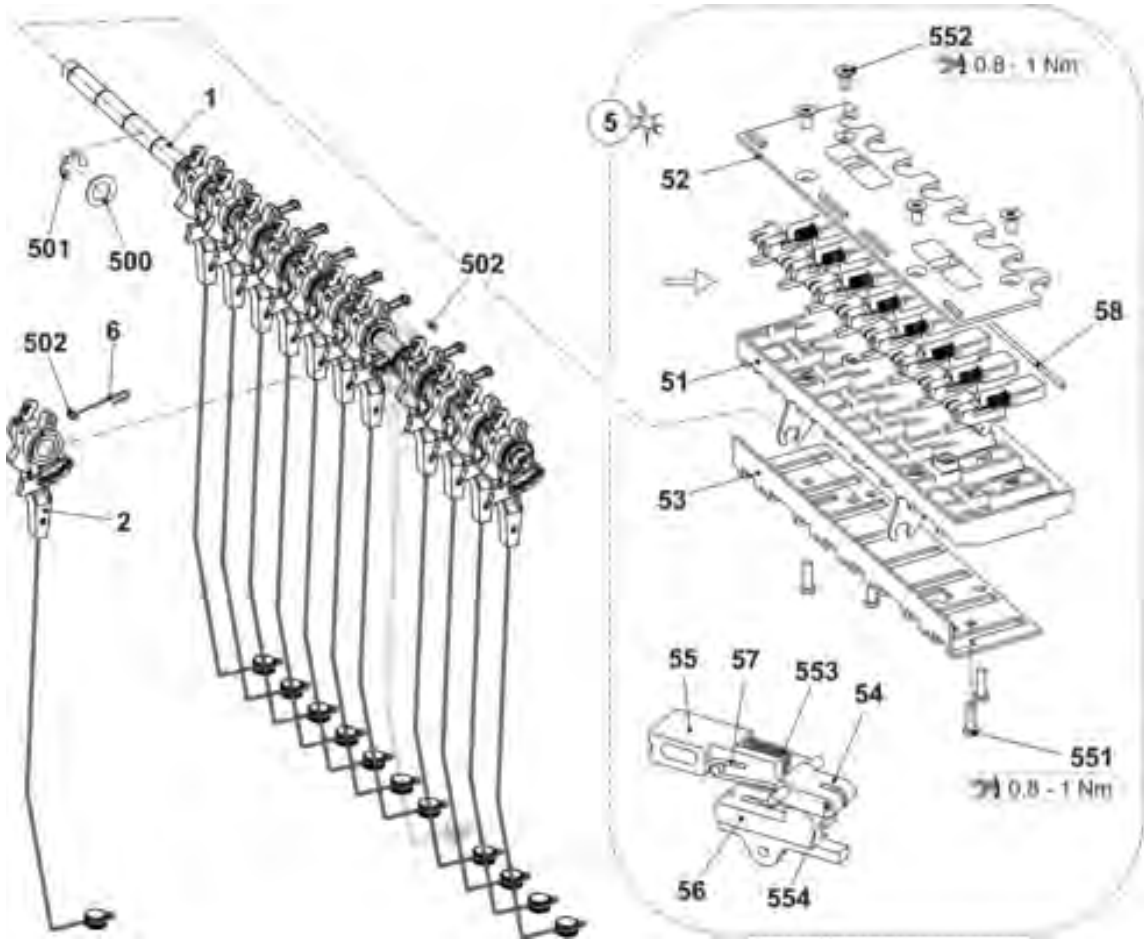
9.5.1 Left yarn tensioner E6.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the left complete E7-8	241 364				
1	Card yarn tensioner 16-fold on the left	241 345		7	Spacer	242 048
2	Tension axle on the left complete E3-8	241 366		8	Grounding plate of tension axle	243 121
3	Housing	241 367		9	Ground cable yarn tensioner okc	243 105
4	Slider	241 694		500	Screw KB 30x8	236 228
5	Stop point	241 368		501	Circlip	021 022
6	Border	242 268		502	Tension spring 4,9x0,5x53 E6.2	023 503
504	Countersunk screw M4x10	241 914		503	Circlip	021 020



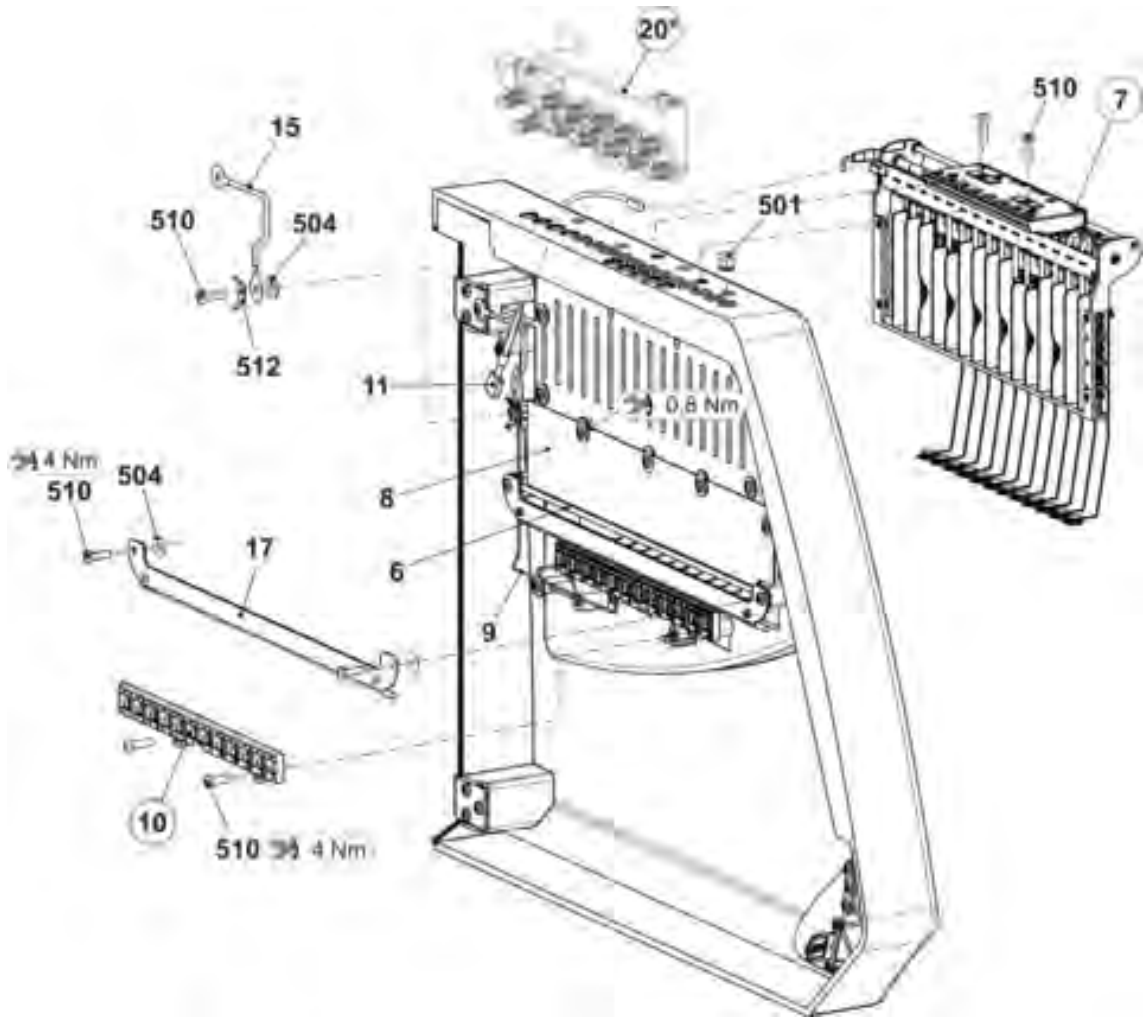
9.5.1.1 Left tension axle E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left complete E3 – 8	241 366	Σ 5	Thread clamp AKF	238 695
1	Axle	243 107	51	HousingAKF	238 689
2	Tension arm pre-assembled E3-8	259 448	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	56	SliderAKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



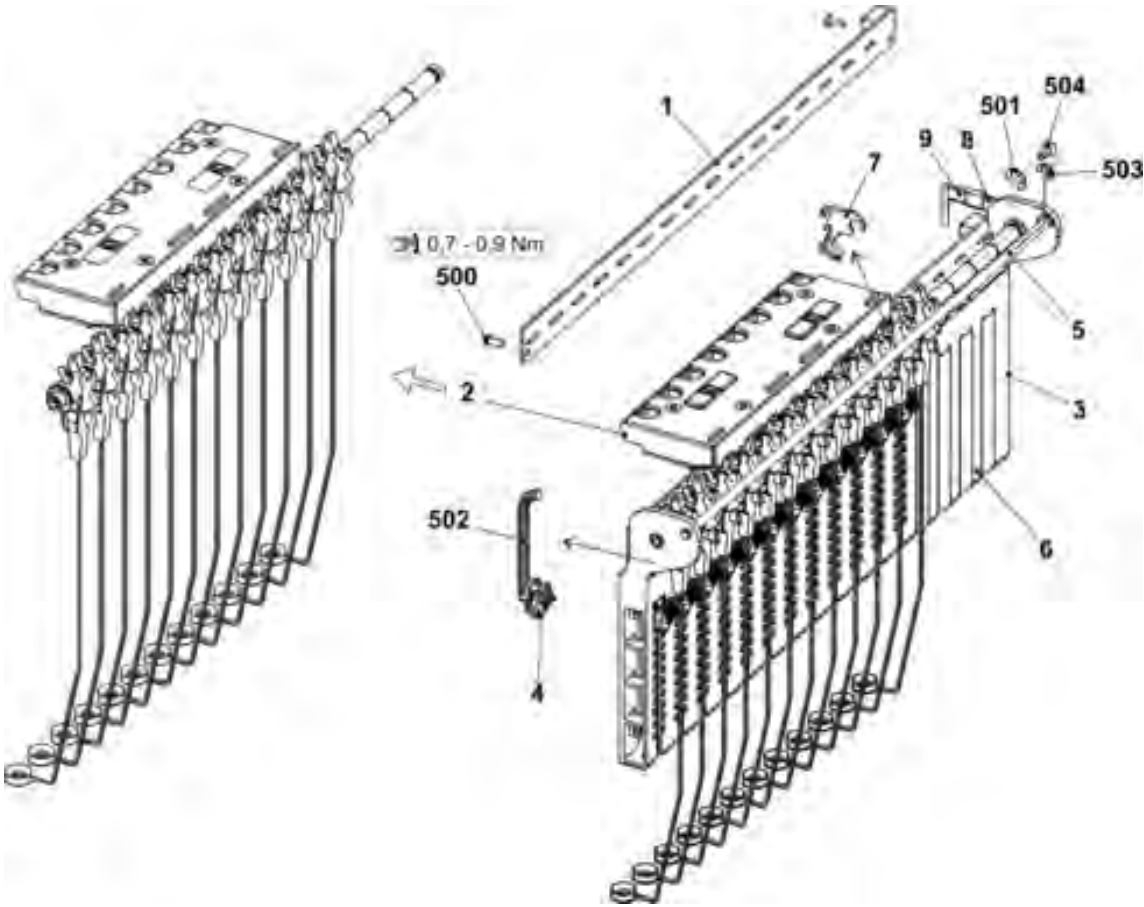
9.6 Right yarn guide E10 | E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Safety door on the right complete E10-18	241 276		15	Ground cable	244 404
6	Wave	241 318		17	Stop bar on the right complete	258 562
7	Yarn tensioner on the right complete E10-18	241 384		20*	Stopping device 12-fold on the right complete	260 341
8	Cover plate 16-fold	259 400		501	Ceramic eyelet	240 640
9	Wire bow on the right	241 369		504	Washer6	022 537
10	Yarn deflector	242 011		510	Screw KB 60x20	237 682
11	Connection cable yarn tensionerokc	240 808		512	Flat connector 2x45° M6	243 117



9.6.1 Yarn tensioner on the right
E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

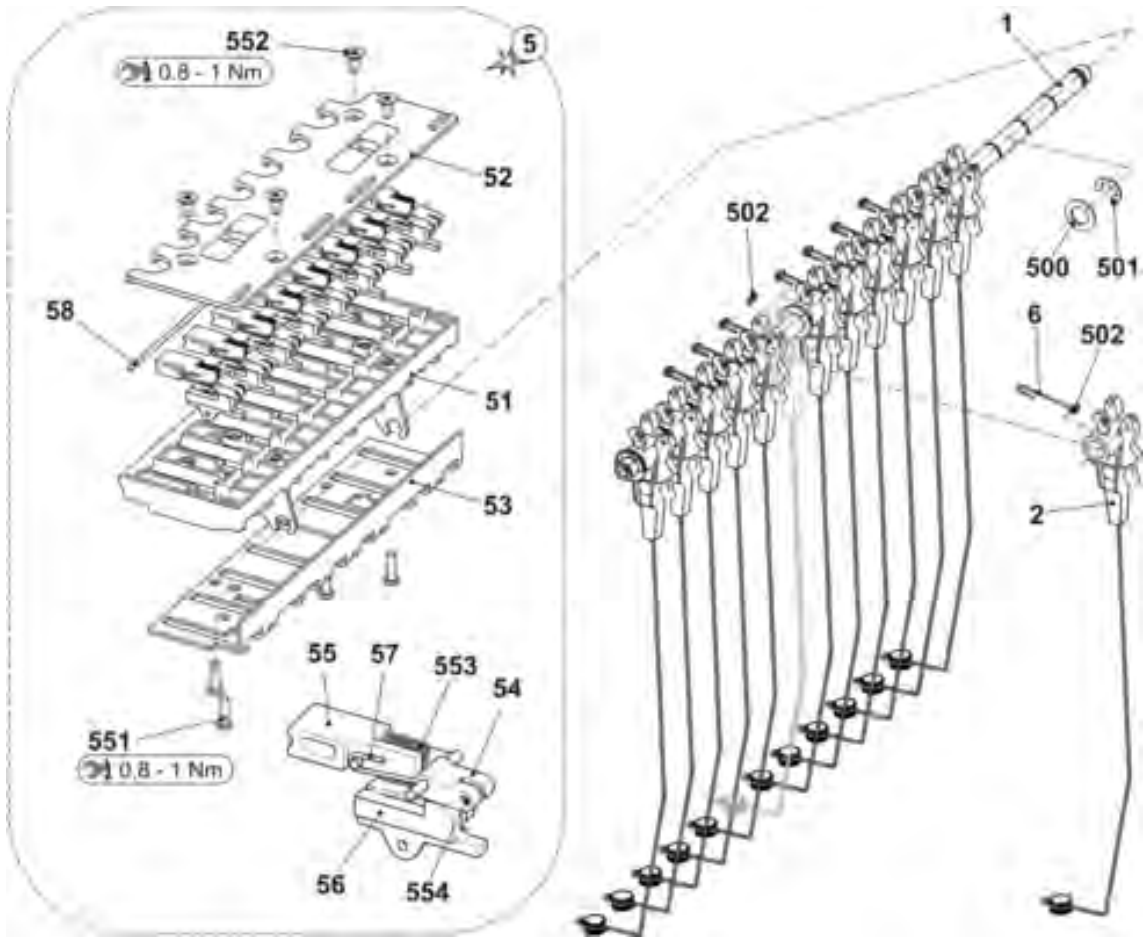
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete E10-18	241 384				
1	Card yarn tensioner 16-fold on the right	241 346		8	Grounding plate of tension axle	243 121
2	Tension axle on the right completeE10-18	241 380		9	Ground cable yarn tensioner okc	243 105
3	Housing	241 367		500	Screw KB 30x8	236 228
4	Slider	241 694		501	Circlip	021 022
5	Stop point	241 368		502	Tension spring 4,9x0,45x53	023 504
6	Border	242 268		503	Circlip	021 020
7	Spacer	242 048		504	Countersunk screw M4x10	241 914



9.6 Right yarn guide E10|E12|E14|E6.2(12m.10)|E7.2

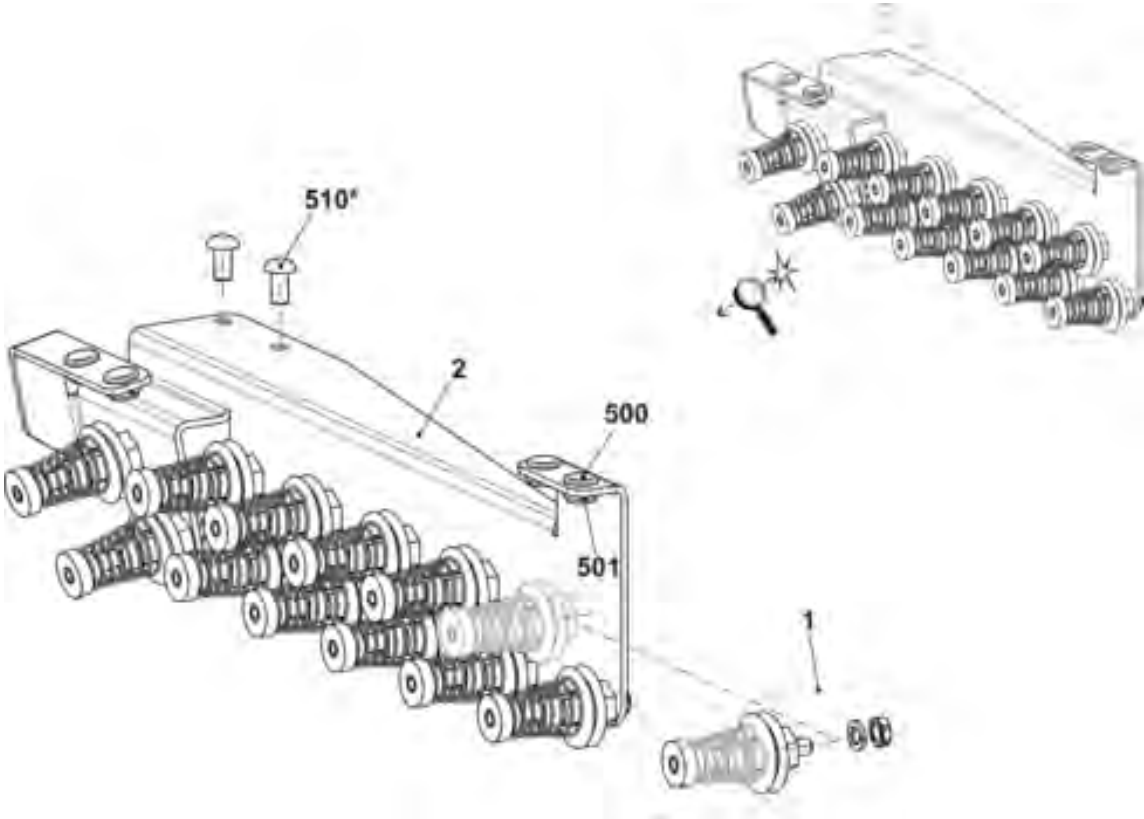
9.6.1.1 Tension axle on the right E10|E12|E14|E16|E18|E14/12|E6.2(12m.10)|E7.2|E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right completeE10-18	241 380	Σ 5	Thread clamp AKF	238 695
1	Axle	243 107	51	HousingAKF	238 689
2	Tension arm pre-assembled	258 459	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	56	SliderAKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



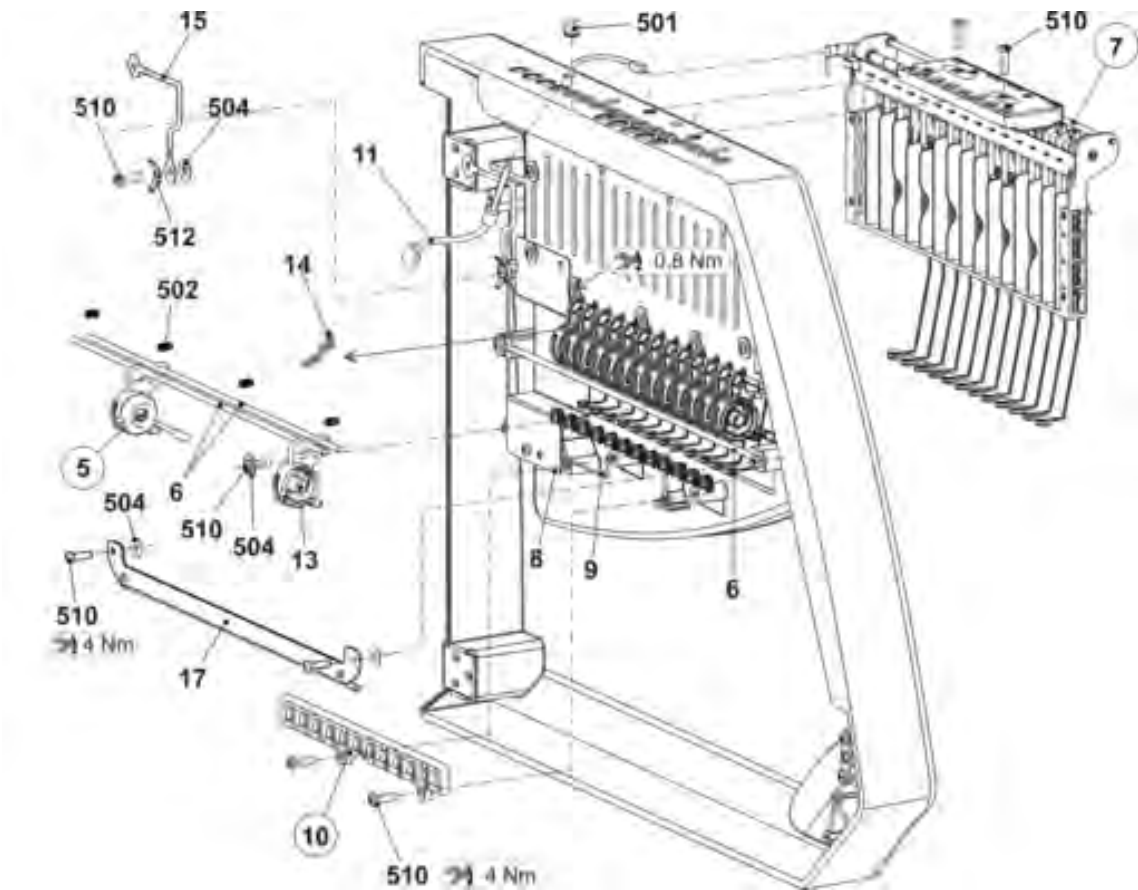
9.6.2 Stopping device on the right

Pos	Designation	Id		Pos	Designation	Id
Σ	Stopping device 12-fold on the right complete	260 341		500	Eyelet 4,2	021 502
1	Yarn brakeE10-18	259 440		501	Clamping ring for sintered ceramics eye	259 606
2	Support plate on the right	260 287		510*	Pan-head screw M5x10	023 247



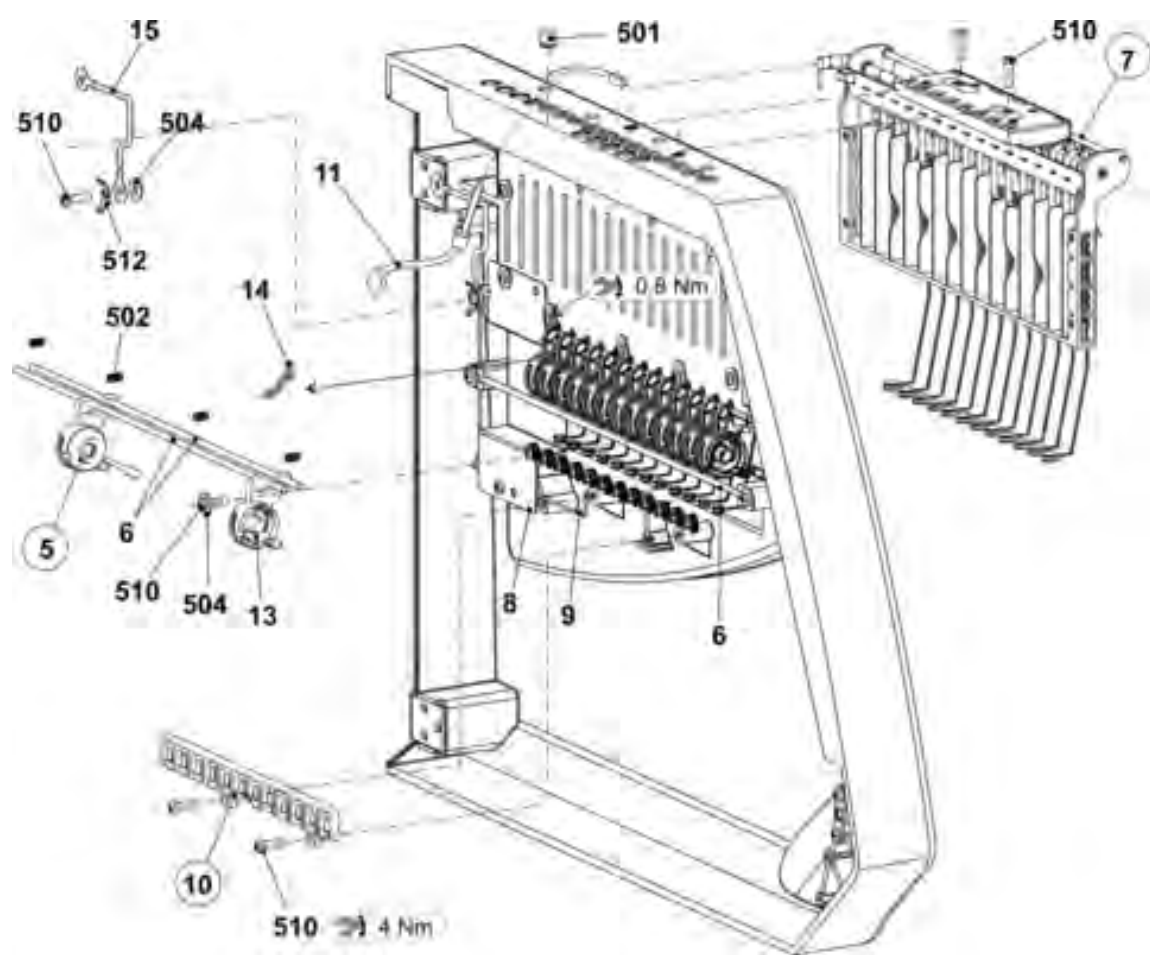
9.7 Right yarn guide E16|E18|E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the right complete E10-18	259 726			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Wave	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete E10-18	241 384	17	Stop bar on the right complete	258 562
8	Cover	240 783	501	Ceramic eyelet	240 640
9	Wire bow on the right	241 369	502	Compression spring0,90x5,40x13,60	241 360
10	Yarn deflector	242 011	504	Washer6	022 537
11	Connection cable yarn tensionerokc	240 808	510	Screw KB 60x20	237 682
13	Yarn brake not adjustable	244 356	512	Flat connector 2x45° M6	243 117



9.8 Right yarn guide E6.2

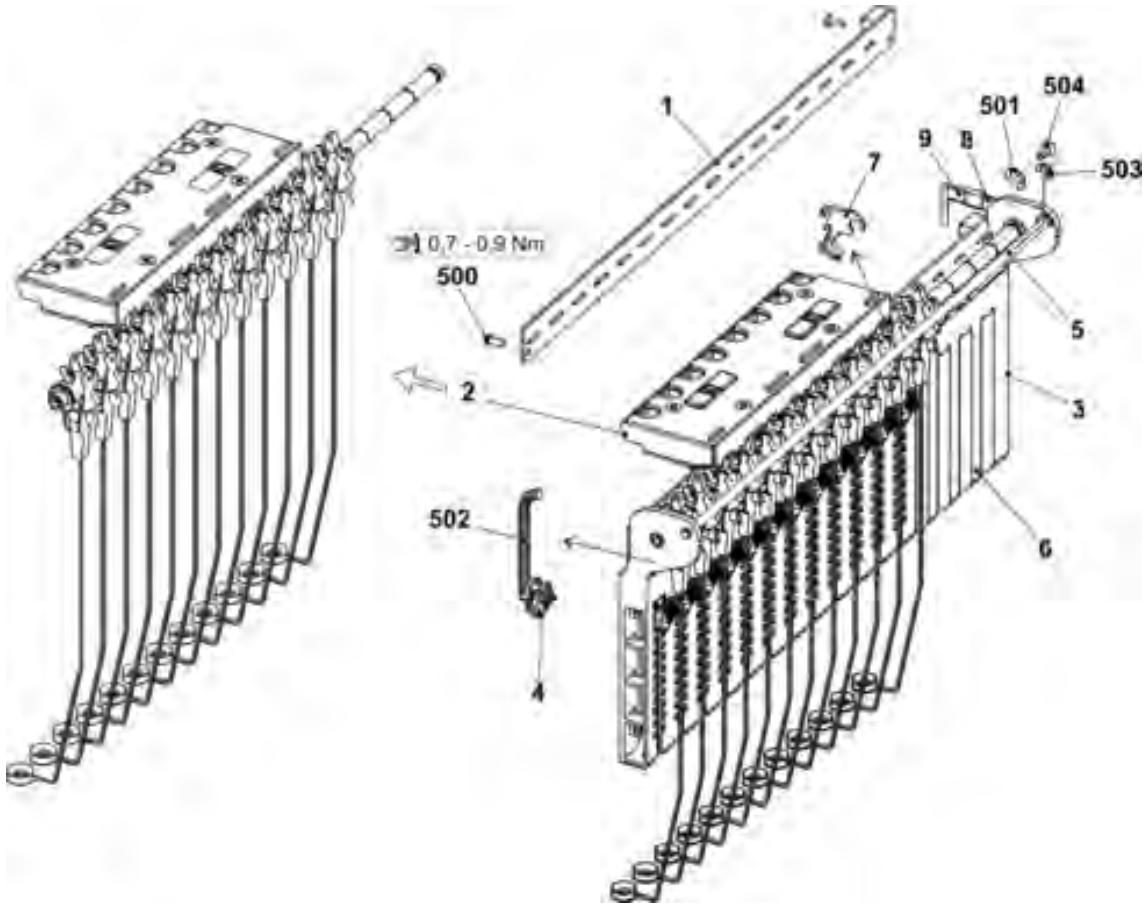
Pos	Designation	Id		Pos	Designation	Id
Σ	Safety door on the right complete E7-8	241 275		13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347		14	Clamping bow	244 409
6	Shaft	241 318		15	Ground cable	244 404
7	Yarn tensioner on the right complete E7-8	241 383		501	Ceramic eyelet	240 640
8	Cover	240 783		502	Compression spring 0,90x5,40x13,60	241 360
9	Wire bow on the right	241 369		504	Washer6	022 537
10	Yarn deflector	242 011		510	Screw KB 60x20	237 682
11	Connection cable yarn tensionerokc	240 808		512	Flat connector 2x45° M6	243 117



9.8 Right yarn guide E6.2

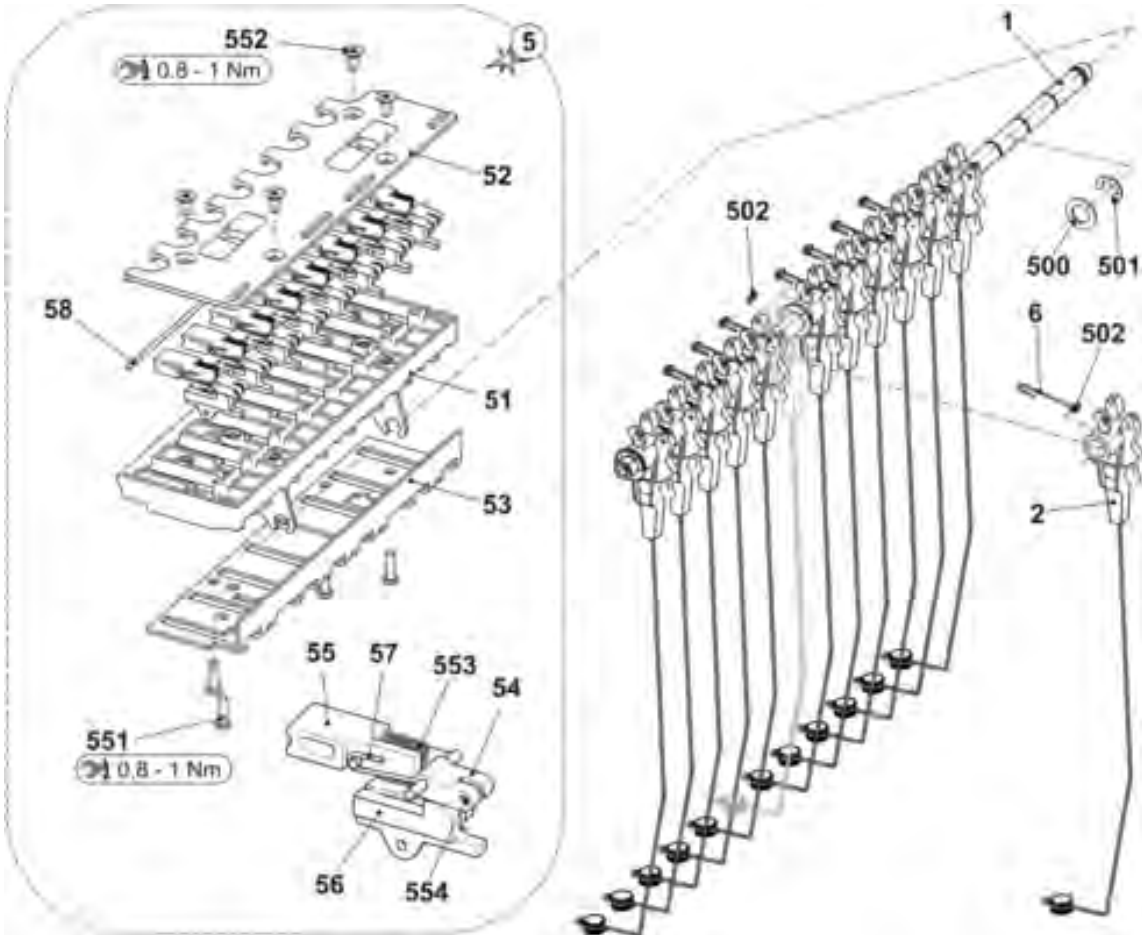
9.8.1 Right yarn tensioners E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete E7-8	241 383				
1	Card yarn tensioner 16-fold on the right	241 346		8	Grounding plate of tension axle	243 121
2	Tension axle on the right completeE3-8	241 379		9	Ground cable yarn tensioner okc	243 105
3	Housing	241 367		500	Screw KB 30x8	236 228
4	Slider	241 694		501	Circlip	021 022
5	Stop point	241 368		502	Tension spring 4,9x0,5x53	023 503
6	Border	242 268		503	Circlip	021 020
7	Spacer	242 048		504	Countersunk screw M4x10	241 914



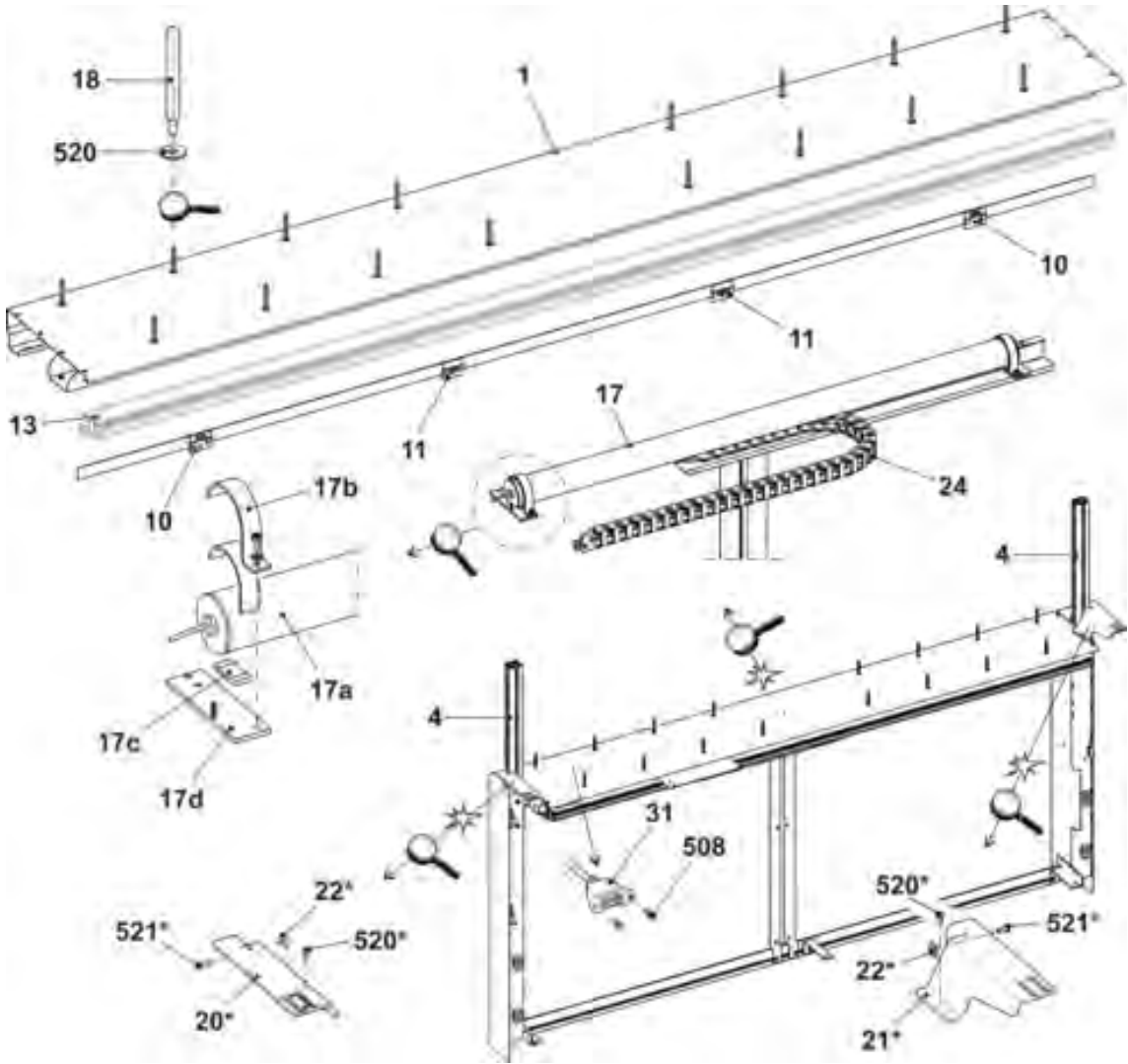
9.8.1.1 Right tension axle E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right completeE3-8	241 379	Σ 5	Thread clamp AKF	238 695
1	Axle	243 107	51	HousingAKF	238 689
2	Tension arm pre-assembled E3-8	259 448	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	56	SliderAKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



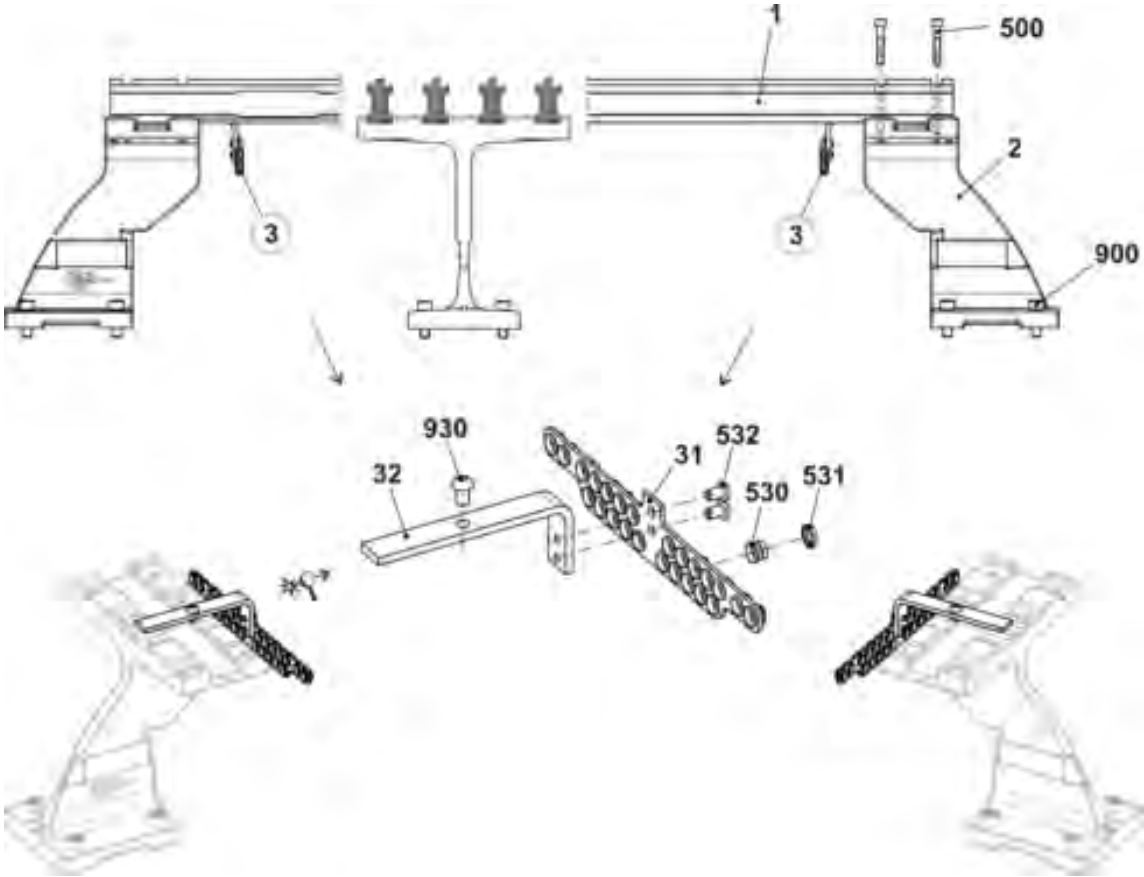
9.9 Bobbin board

Pos	Designation		Id		Pos	Designation		Id
Σ	Table complete 50"		240 241					
1	Table		251 244		18	Positioning pin		204 819
4	Support element		228 594		24	Energy chain display 38 links		253 888
10	Magnet switch safety door		219 983		31	Cable USB extension		253 706
11	Magnet switch safety door		220 159		508	Pan-head screwM3x8		023 251
13	Guide rail at the top complete		257 485		520	Washer		020 901
17	Lamp at the top complete		222 509		20*	Support of left feed wheel		250 966
	17a	Light 230 V 50/60 Hz	205 546		21*	Support of right feed wheel		250 967
	17b	Clamping bow	209 504		22*	Slot nut		228 851
	17c	Cellular caoutchouc 40x20	208 018		520*	Pan-head screwM8x16		023 113
	17d	Lamp support	221 951		521*	Pan-head screwM8x18		251 331



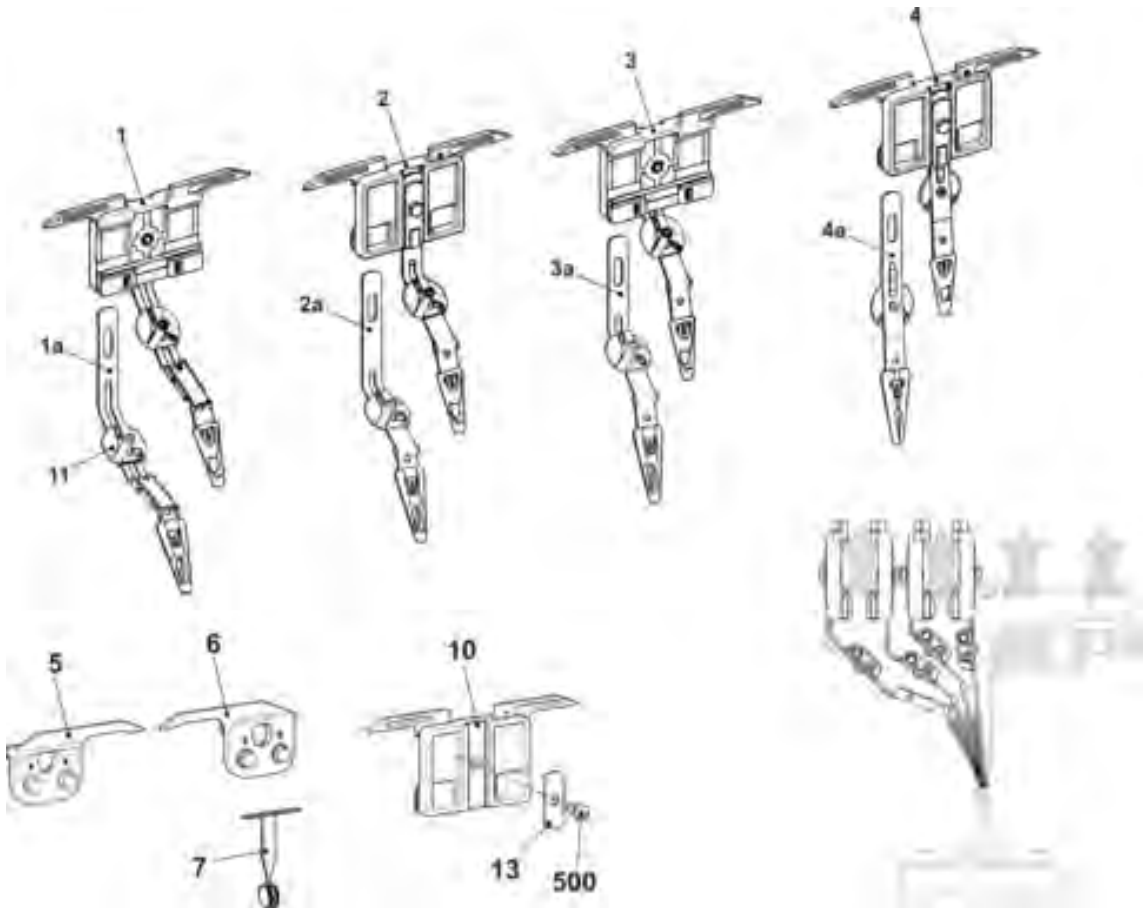
9.10 Bar unit

Pos	Designation		ID		Pos	Designation		ID
Σ	Bar unit		250 971			530	Eyelet 4,2	021 502
1	Yarn carrier rail		255 464			531	Clamping ring	259 606
2	FF support		252 010			532	Pan-head screw M5x8	239 408
3	Yarn guide bracket complete		259 403			930	Pan-head screw M6x10	023 183
	31	Eyelet holder complete	259 402		500	Cap screw M6x35		020 139
	32	Holding angle	259 574		900	Cap screw M8x25		020 142



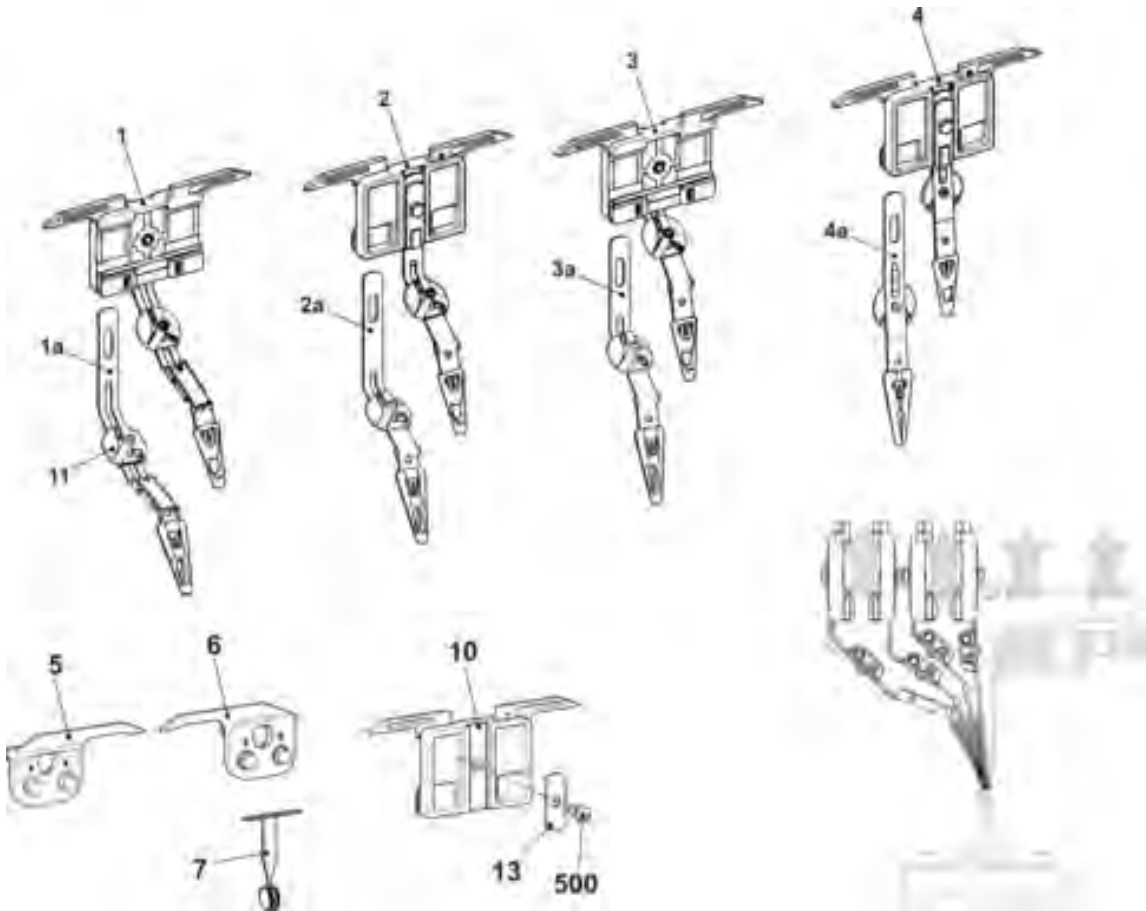
9.11 Yarn guide complete

Pos	Designation	Track	ID		Pos	Designation	ID	
E6.2					E6.2			
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	
E10 E12 E14 E6.2(E12M.10) E7.2 E8.2					E10 E12 E14 E6.2(E12M.10) E7.2 E8.2			
1	FF carriage complete E10-14	1+8	243 943		1a	FF bow 1+8 complete E10-14	212 994	
2	FF carriage complete E10-14	2+7	243 942		2a	FF bow 2+7 complete E10-14	212 996	
3	FF carriage complete E10-14	3+6	243 941		3a	FF bow 3+6 complete E10-14	212 995	
4	FF carriage complete E10-14	4+5	243 940		4a	FF bow 4+5 complete E10-14	212 997	
E16 E18					E16 E18			
1	FF carriage complete E16-18	1+8	243 947		1a	FF bow 1+8 complete E16-18	223 199	
2	FF carriage complete E16-18	2+7	243 946		2a	FF bow 2+7 complete E16-18	223 201	
3	FF carriage complete E16-18	3+6	243 945		3a	FF bow 3+6 complete E16-18	223 200	
4	FF carriage complete E16-18	4+5	243 944		4a	FF bow 4+5 complete E16-18	223 202	
5	Limiter on the left complete		244 099		11	Yarn guide star complete		209 257
6	Limiter on the right complete		244 098		13	Shim		213 035
7	Slider with eyelet		230 709		500	Hexagon screw M5x10		020 351
10	FF carriage complete		243 062					



9.12 Yarn guide complete

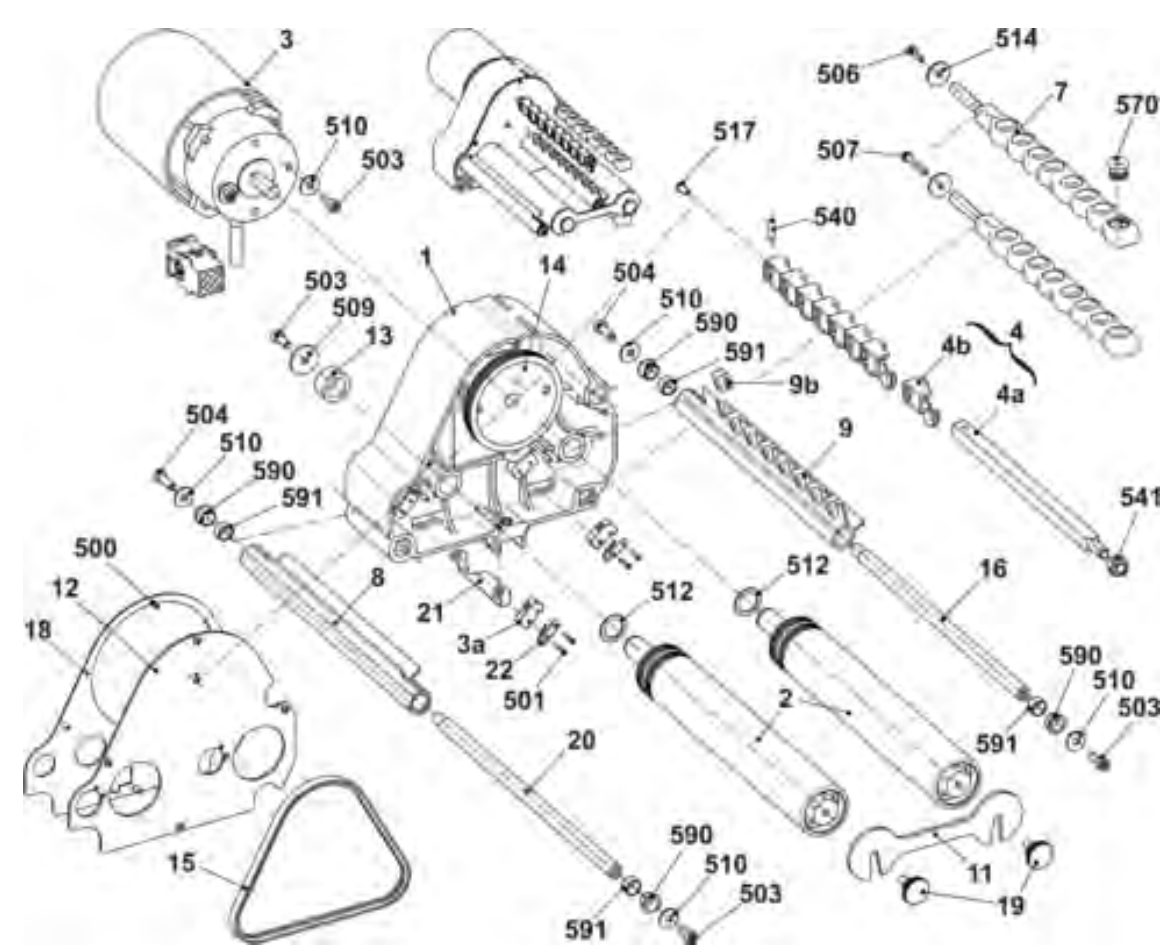
Pos	Designation	Track	ID		Pos	Designation	ID
E6.2					E6.2		
1	FF carriage complete E7-8	1+8	243 939		1a	FF bow 1+8 complete E7-8	212 892
2	FF carriage complete E7-8	2+7	243 938		2a	FF bow 2+7 complete E7-8	212 914
3	FF carriage complete E7-8	3+6	243 937		3a	FF bow 3+6 complete E7-8	212 925
4	FF carriage complete E7-8	4+5	243 936		4a	FF bow 4+5 complete E7-8	212 910
E10 E12 E14 E6.2(E12M.10) E7.2 E8.2					E10 E12 E14 E6.2(E12M.10) E7.2 E8.2		
1	FF carriage complete E10-14	1+8	243 943		1a	FF bow 1+8 complete E10-14	212 994
2	FF carriage complete E10-14	2+7	243 942		2a	FF bow 2+7 complete E10-14	212 996
3	FF carriage complete E10-14	3+6	243 941		3a	FF bow 3+6 complete E10-14	212 995
4	FF carriage complete E10-14	4+5	243 940		4a	FF bow 4+5 complete E10-14	212 997
E16 E18					E16 E18		
1	FF carriage complete E16-18	1+8	243 947		1a	FF bow 1+8 complete E16-18	223 199
2	FF carriage complete E16-18	2+7	243 946		2a	FF bow 2+7 complete E16-18	223 201
3	FF carriage complete E16-18	3+6	243 945		3a	FF bow 3+6 complete E16-18	223 200
4	FF carriage complete E16-18	4+5	243 944		4a	FF bow 4+5 complete E16-18	223 202
5	Limiter on the left complete		244 099		11	Yarn guide star complete	209 257
6	Limiter on the right complete		244 098		13	Shim	213 035
7	Slider with eyelet		230 709		500	Hexagon screw M5x10	020 351
10	FF carriage complete		243 062				



9.13 Left friction feed wheel

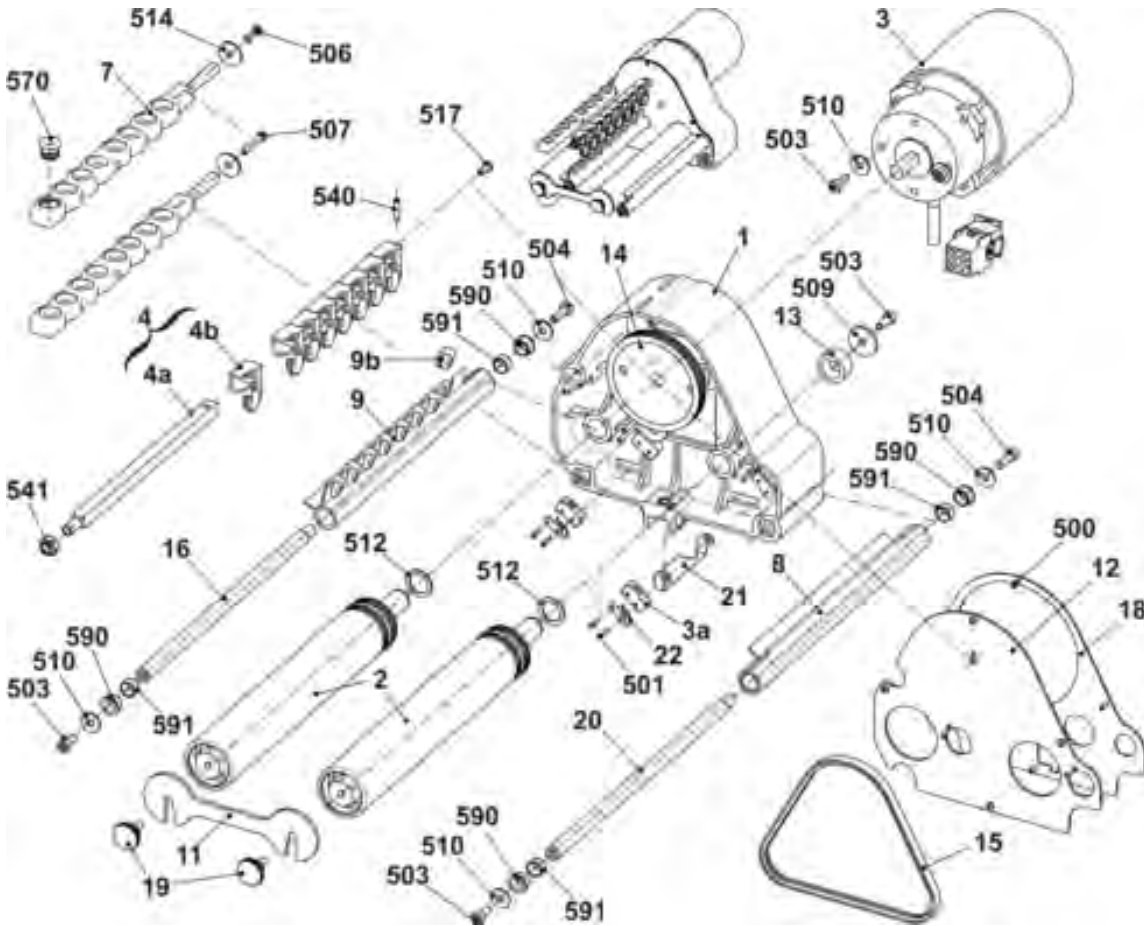
9.13 Left friction feed wheel

Pos	Designation		Id		Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571		14	V-ribbed belt pulley		221 268
1	Housing		240 368		15	Ribbed V-belt V3J 406		206 927
2	Friction roller complete		231 704		16	Rod		221 319
3	Three-phase AC motor complete		219 800		18	Cover		230 758
	3a	Microswitch	008 664		19	Knurled screw		223 361
4	Deflector complete 8-fold		250 089		20	Rod		230 658
	4a	Support rail	250 055		21	Grounding plate		256 622
	4b	Eyelet holder complete	250 077		22	Spring plate		256 702
	540	Spring dowel sleeve 4x15	020 783		500	Screw KB30x8		236 228
	541	Hexagon nut M8-8	022 843		501	Screw 20x10		244 736
7	Yarn guide rod complete		239 431		503	Cap screw M5x12		020 132
	570	Eyelet 8	021 504		504	Cap screw M5x16		022 726
8	Stop motion rail on the right complete		230 690		506	Screw KB 40x14		241 358
9	Stop motion rail on the left complete with eyelets		230 683		507	Screw KB 40x25		241 595
	9b	Eyelet	230 662		509	Washer5,3x22x2,5		023 219
	590	Slide bearing	023 627		510	Washer5		020 901
	591	Guide piece	259 453		512	Shim ring 15x21x1		023 216
11	Bracket		221 316		514	Washer4,3		020 908
12	Cover		251 098		517	Pan-head screw M4x8		023 579
13	Bush		221 391					



9.14 Right friction feed wheel

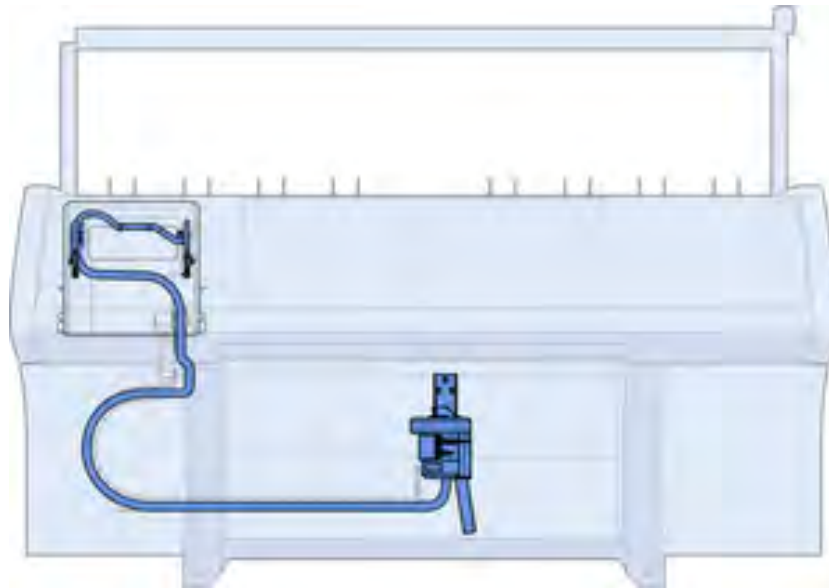
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the right complete		243 572	14	V-ribbed belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase AC motor complete		219 800	18	Cover		230 758
	3a	Microswitch	008 664	19	Knurled screw		223 361
4	Deflector complete 8-fold		250 089	20	Rod		230 658
	4a	Support rail	250 055	21	Grounding plate		256 622
	4b	Eyelet holder complete	250 077	22	Spring plate		256 702
	540	Spring dowel sleeve 4x15	020 783	500	Screw KB30x8		236 228
	541	Hexagon nut M8-8	022 843	501	Screw 20x10		244 736
7	Yarn guide rod complete		239 431	503	Cap screw M5x12		020 132
	570	Eyelet 8	021 504	504	Cap screw M5x16		022 726
8	Stop motion rail on the right complete		230 690	506	Screw KB 40x14		241 358
9	Stop motion rail on the right complete with eyelets		230 682	507	Screw KB 40x25		241 595
	9b	Eyelet	230 662	509	Washer5,3x22x2,5		023 219
	590	Slide bearing	023 627	510	Washer5		020 901
	591	Guide piece	259 453	512	Shim ring 15x21x1		023 216
11	Bracket		221 316	514	Washer4,3		020 908
12	Cover		251 098	517	Pan-head screw M4x8		023 579
13	Bush		221 391				



9.14 Right friction feed wheel

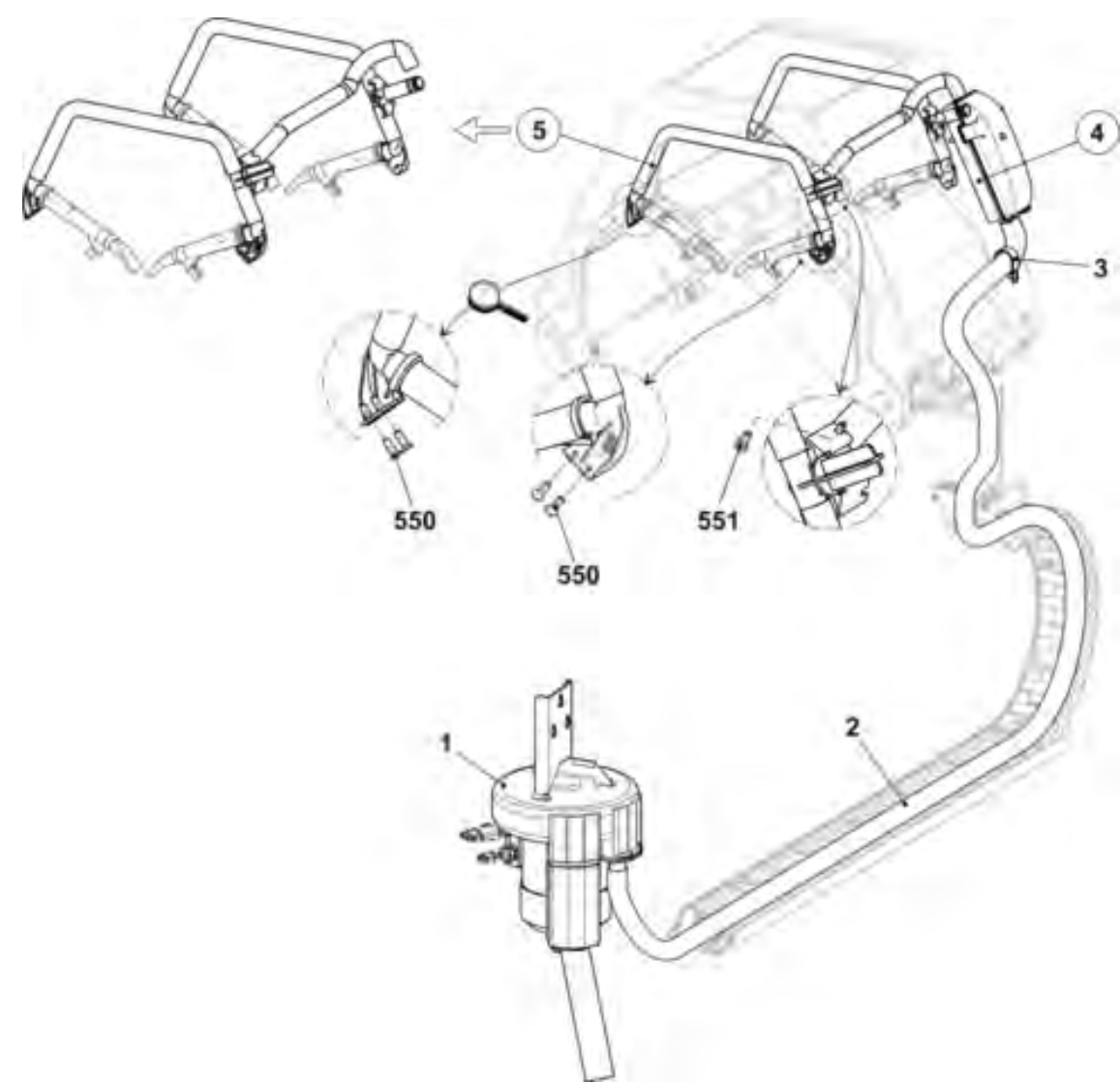
Notes:

10 Fluff absorption



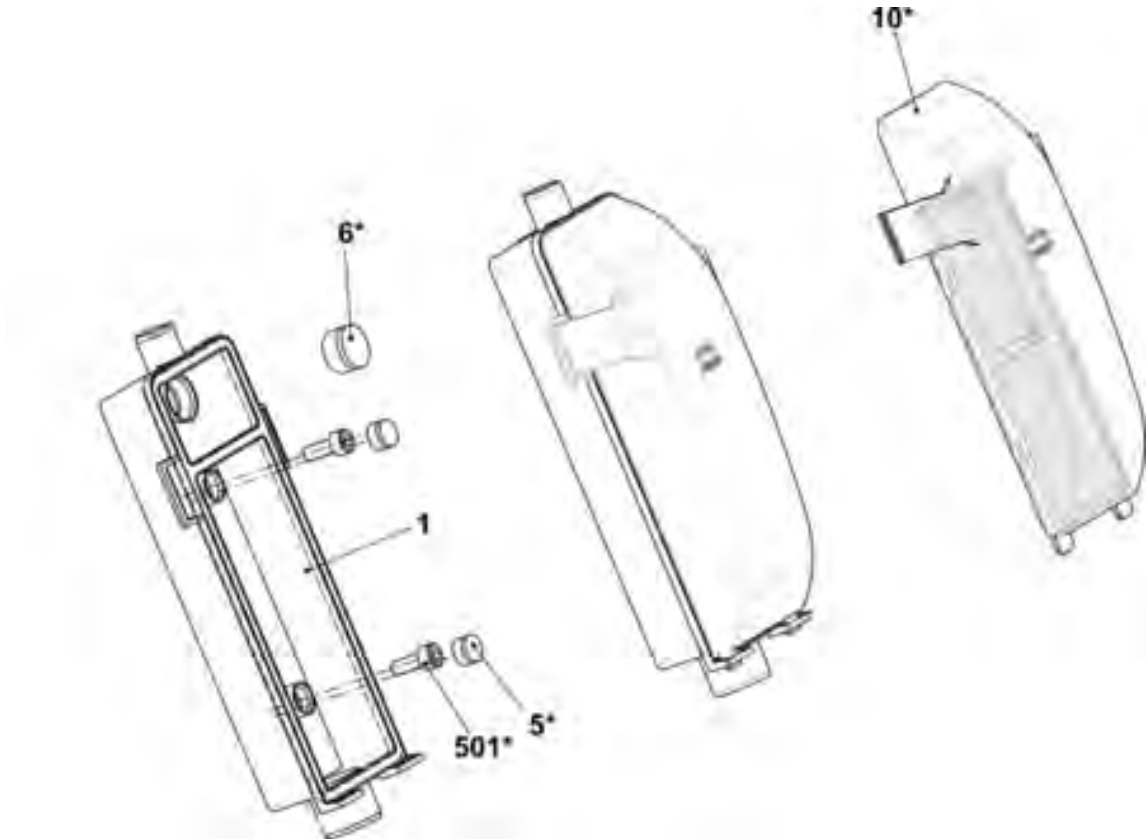
10.1 Fluff absorption

Pos	Designation	Id		Pos	Designation	Id
Σ	Fluff absorption			4	Lint container	245 024
1	Suction fan complete	259 004		5	Set of hose complete 520 5"	255 080
2	Suction hose 29x25x2800	252 627		550	Countersunk head screw M4x8	251 011
3	Cable clip	250 051		551	Cap screw M4x8	022 501



10.1.1 Lint container

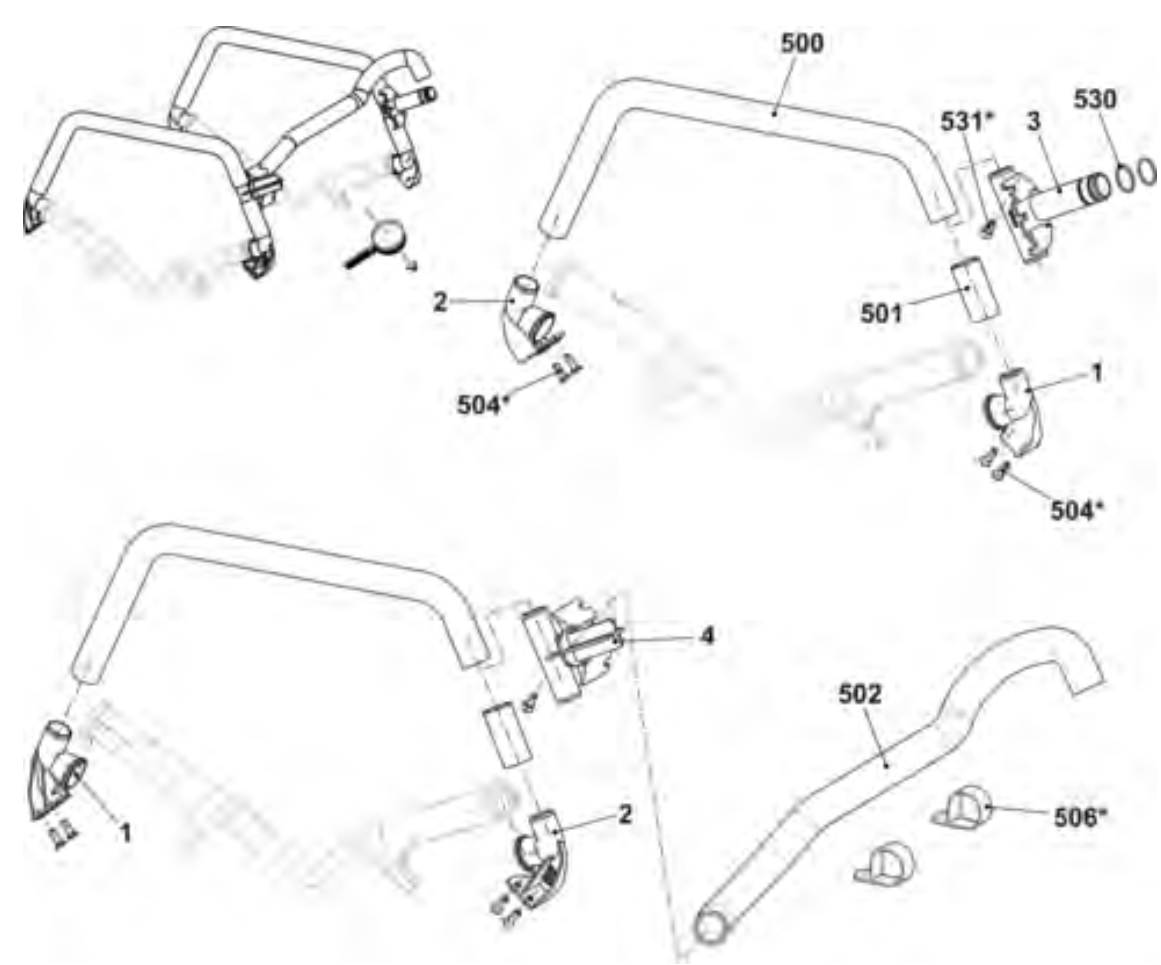
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screw M6x10	023 690



10.1 Fluff absorption

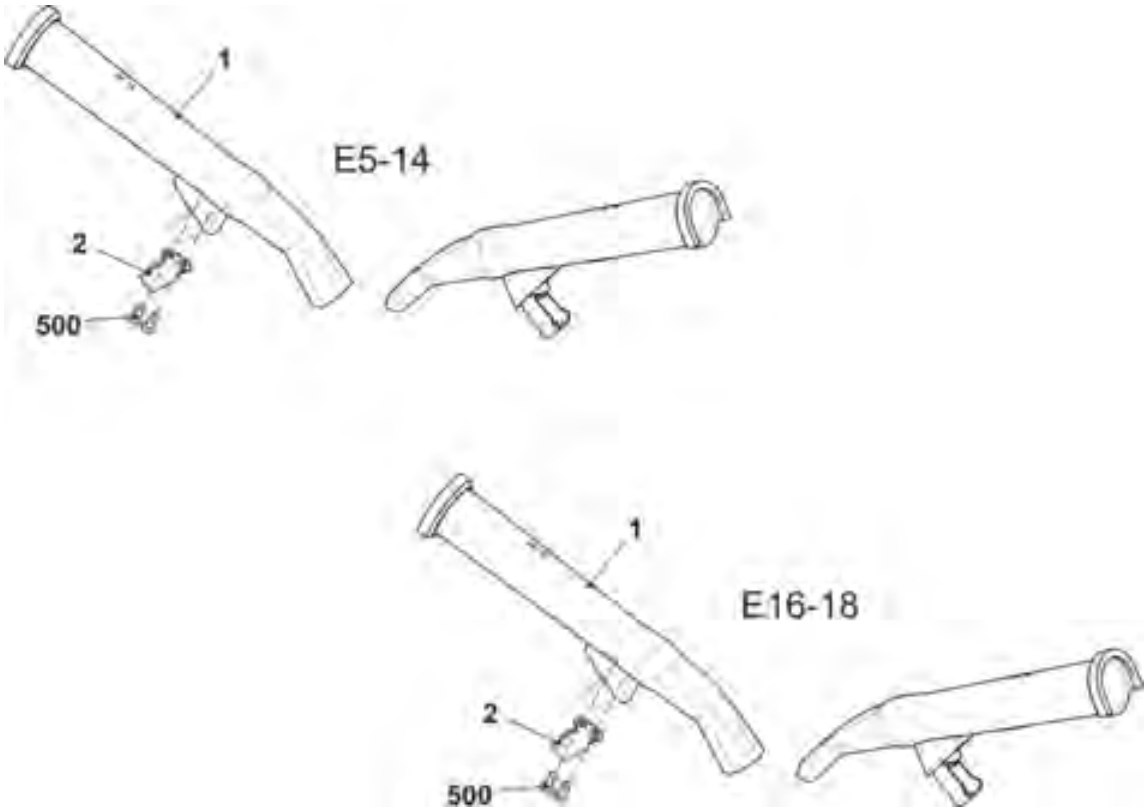
10.1.2 Set of hose

Pos	Designation		Id		Pos	Designation		Id
Σ	Set of hose complete 520 5"		255 080		4	Connection piece Flent		245 022
1	Angle connection on the right		250 121		500	Suction hose 20x16x400		244 983
2	Angle connection on the left		251 101		501	Suction hose 20x16x40		251 043
3	T-piece FLENT		245 021		502	Suction hose 20x16x370		255 071
	530	O-ring 15x1,5	250 054		504*	Countersunk head screw M4x12		023 062
	531*	Cap screwM4x8	022 501		506*	Cable clip		250 051



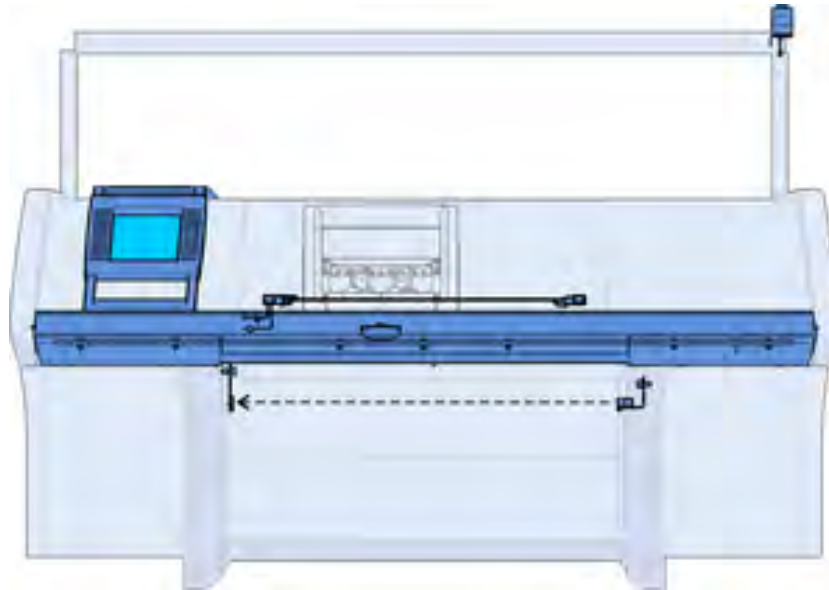
10.1.3 Suction tube

Pos	Designation	Id		Pos	Designation	Id
Σ	Suction tube complete E3 E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	251 310		Σ	Suction tube complete E3 E16 E18 E8.2	251 311
1	Suction tube	255 386		1	Suction tube	255 605
2	Bracket	255 627		2	Bracket	255 627
500	Screw KB30x6	241 424		500	Screw KB30x6	241 424



Notes:

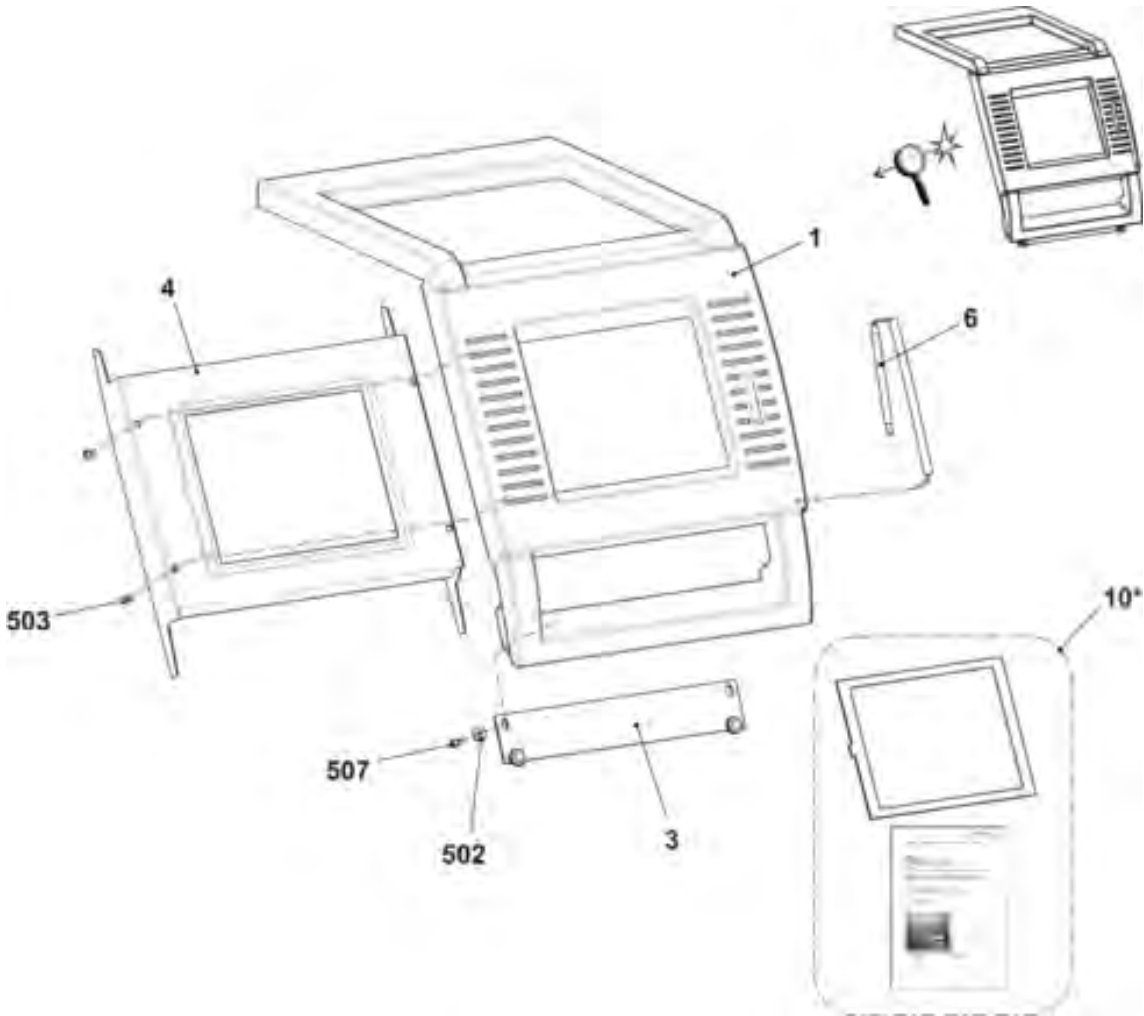
11 Operation and control



11.1 Input unit

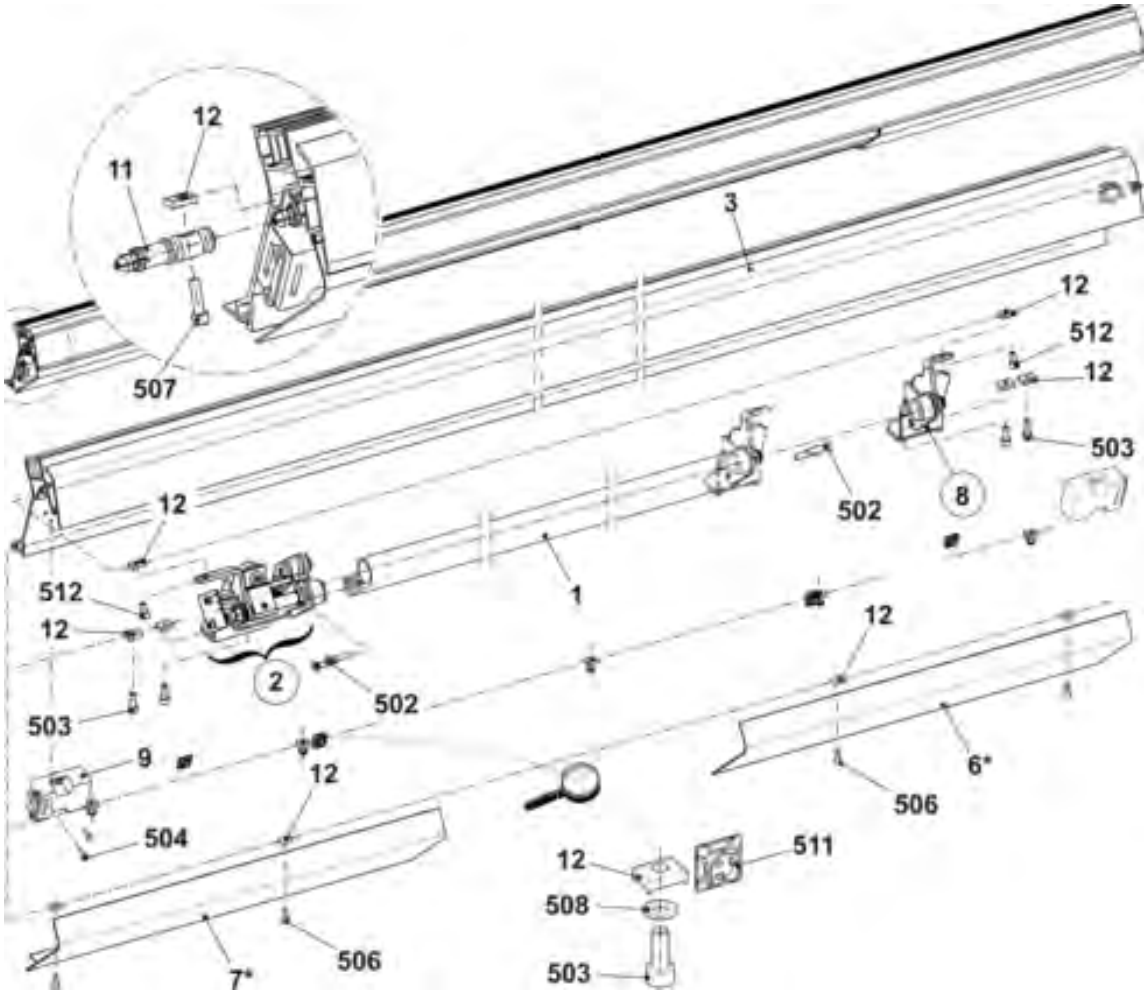
11.1 Input unit

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



11.2 Starting device

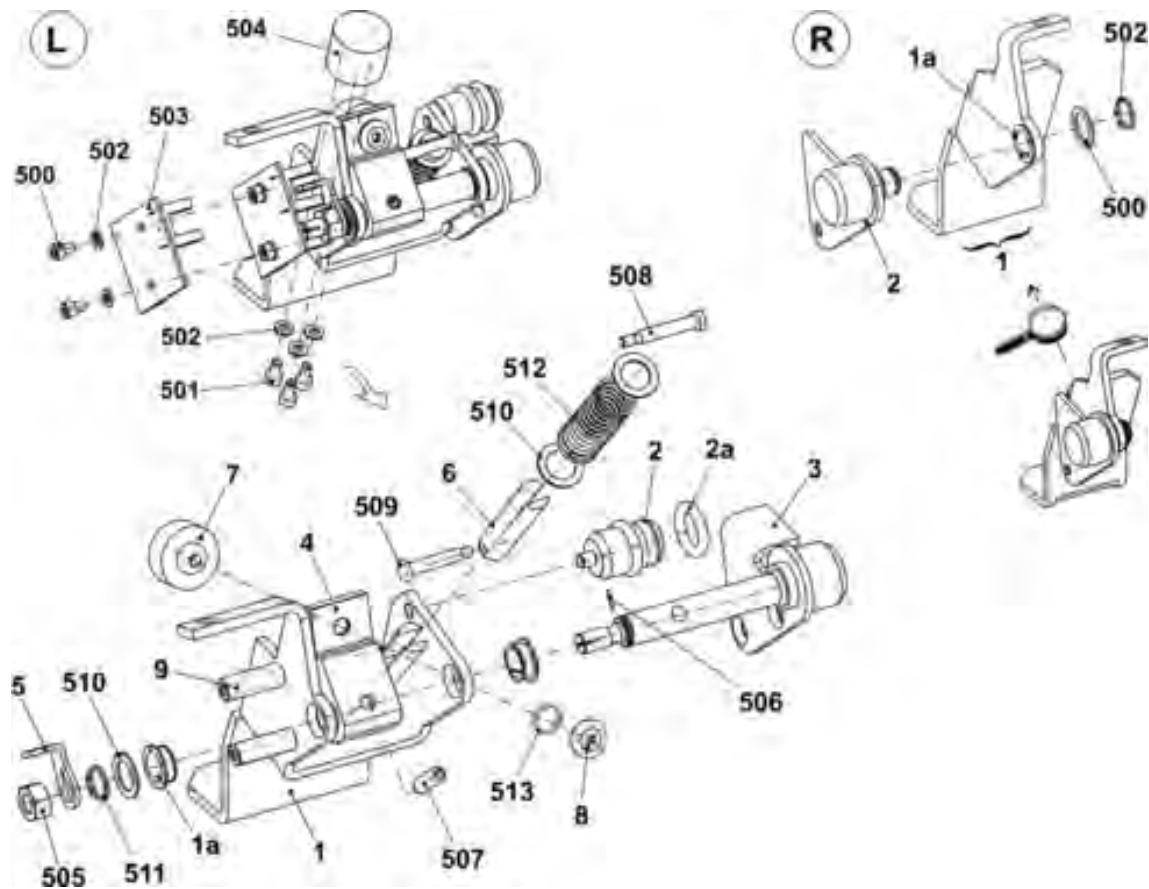
Pos	Designation	Id	Pos	Designation	Id
Σ	Starting device complete	240 306	12	Sliding nut (slot nut)	225 099
1	Engaging rod	240 227	502	Screw M6x25	023 510
2	Bearing on the left complete	250 071	503	Cap screwM6x16	020 135
3	Guide rail at the bottom complete	257 309	504	Pan-head screwM5x14	023 588
6*	Cover plate on the right	250 931	506	Cap screwM6x12	020 134
7*	Cover plate on the left	250 932	507	Cap screwM6x20	020 136
8	Bearing on the right complete	252 964	508	Washer	020 872
9	Switch with cable to safety doors	223 350	511	Adhesive base	243 055
11	Locating bolt	219 107	512	Cap screwM6x10	023 690



11.2 Starting device

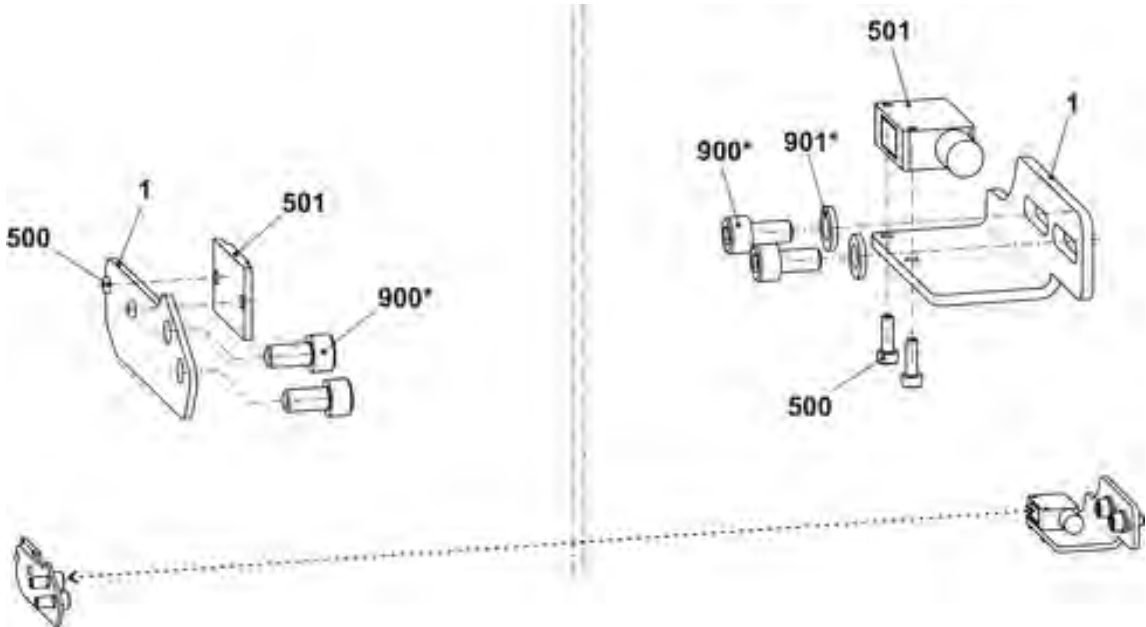
11.2.1 Bearing of the engaging rod

Pos	Designation	ID	Pos	Designation	ID
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM 12-04	023 639	506	Dowel pin 1,5x8	236 923
2	Support of buffer	220 561	507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237	508	Shoulder screw M4x24,8x7,7	240 299
3	Shaft on the left	245 219	509	Shoulder screw	251 316
4	Rotor	253 776	510	Shim ring 12x18x1	023 315
5	Switch flag	245 220	511	Locking ring12x1	020 951
6	Spring mandrel	251 340	512	Compression spring 1,25x15x98,2	023 609
7	Disk	245 222	513	Compression spring 0,5x11x12	251 369
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067	1	Bearing on the right	240 230
501	Cap screwM4x8	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	Locking ring12x1	020 951



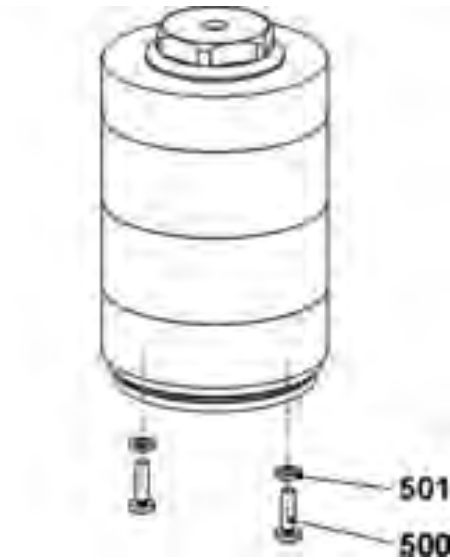
11.3 Collecting area - control

Pos	Designation	Id		Pos	Designation	Id
Σ	Reflector complete	256 826		Σ	Light barrier complete	256 825
1	Mounting plate reflector	256 675		1	Holding angle light barrier	256 674
500	Blind rivet A3x8-Al	023 158		500	Cap screwM3x10	022 991
501	Reflector 20x20 mm	243 356		501	Light barrier W100-P4330	243 355
900*	Cap screwM6x12	020 134		900*	Cap screwM6x12	020 134
				901*	Washer6	020 872



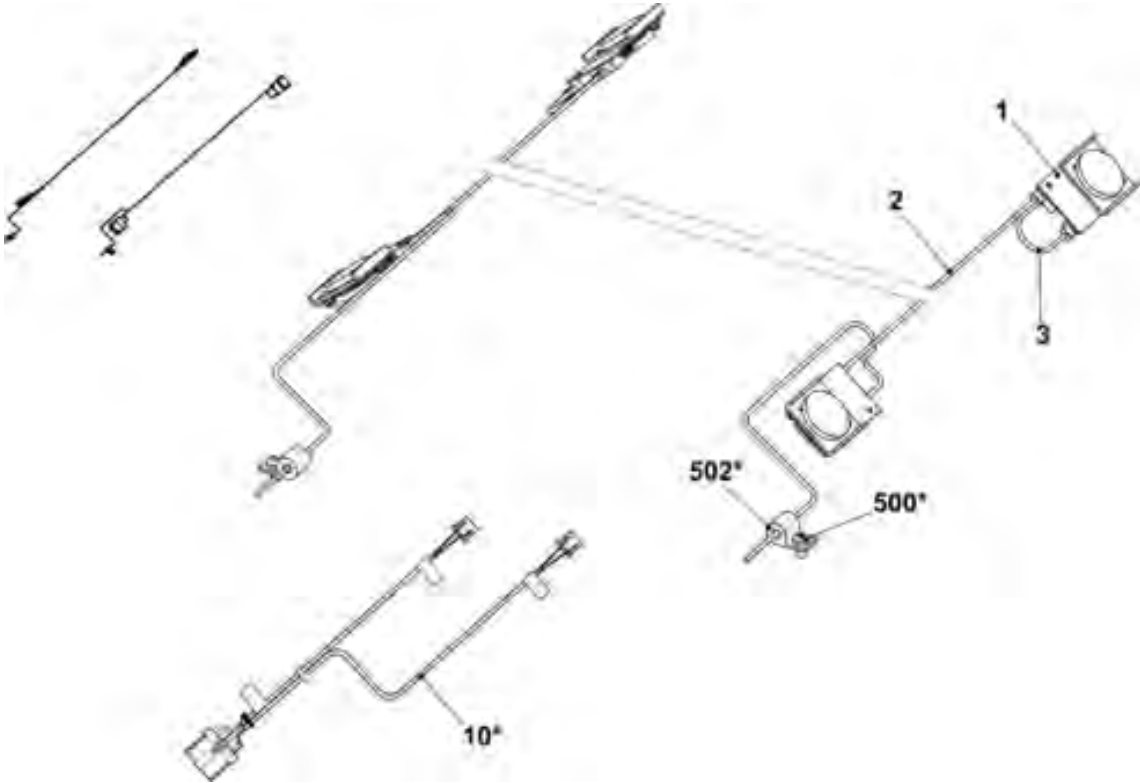
11.4 Signal light

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



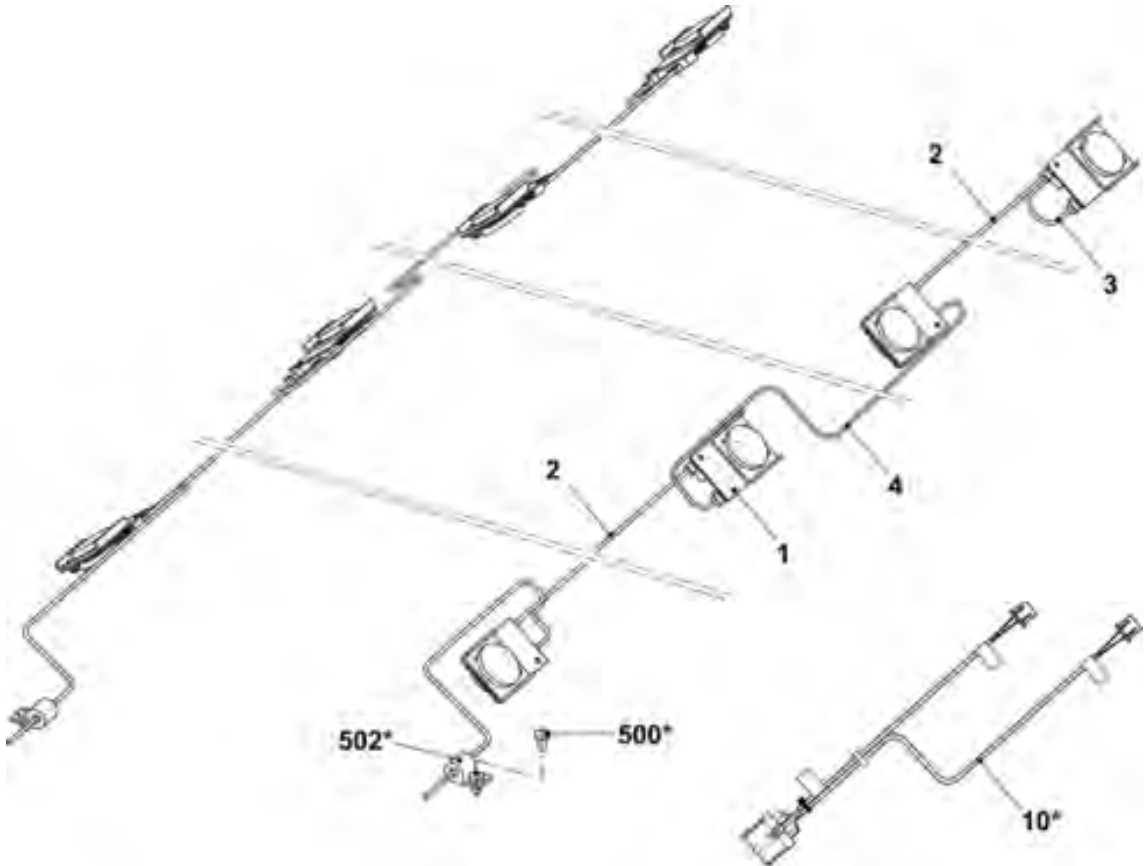
11.5 Shock stop motion
E10|E12|E14|E6.2|E7.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete E3	241 819				
1	Shock stop motion (Piezo)	220 011		10*	Cable piezo NBOKC	240 518
2	Connecting cable piezo sensor	220 061		500*	Pan-head screwM4x8	023 036
3	End plug piezo sensor	220 053		502*	Cable clip N-3B, 5 mm	210 729



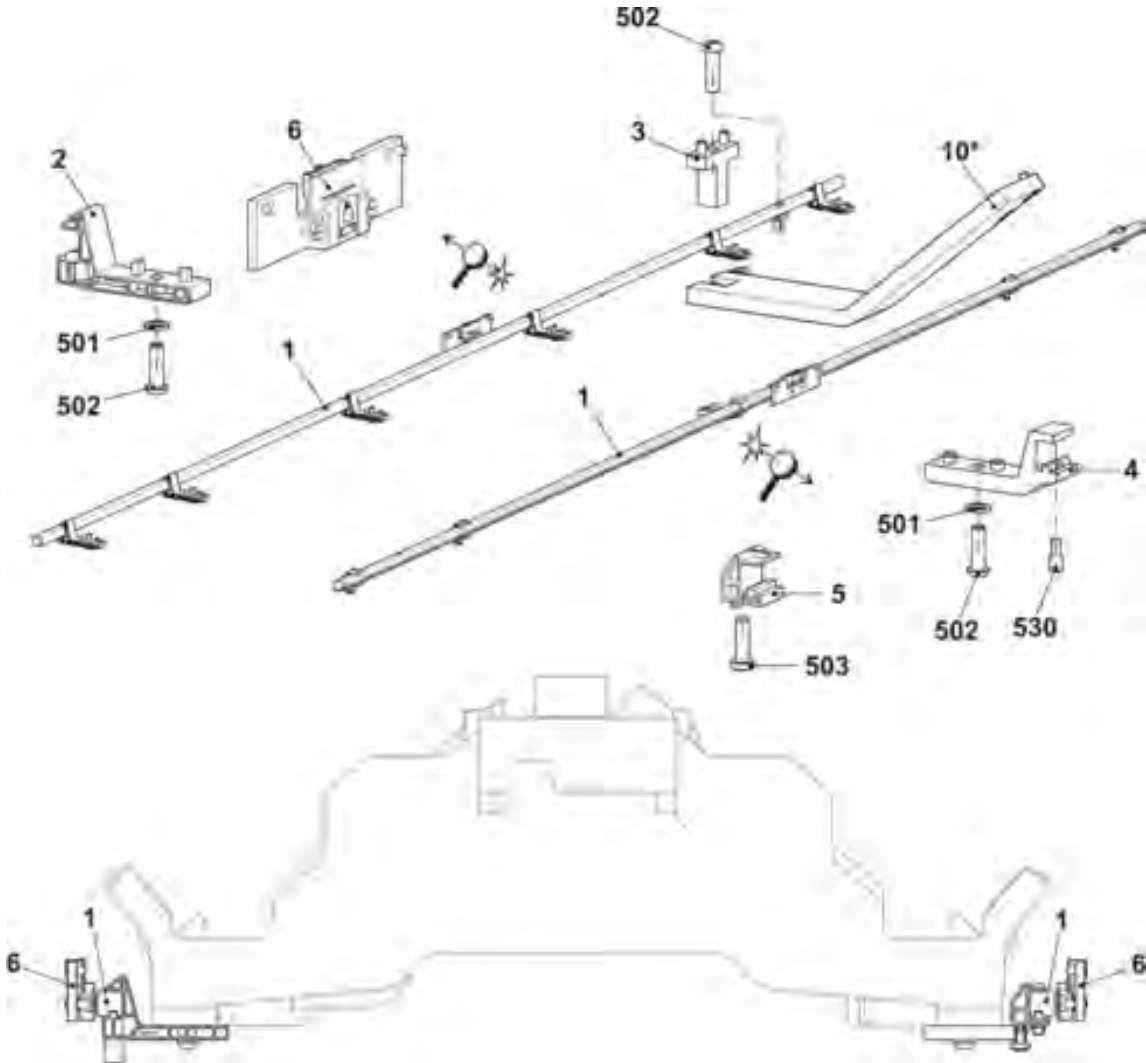
11.6 Shock stop motion E16 | E18 | E8.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete E3	250 384		4	Cable connection piezo	250 295
1	Shock stop motion (Piezo)	220 011		10*	Cable piezo	240 518
2	Cable connection piezo	250 291		500*	Pan-head screwM4x8	023 036
3	End plug piezo sensor	220 053		502*	Cable clip N-3B, 5 mm	210 729



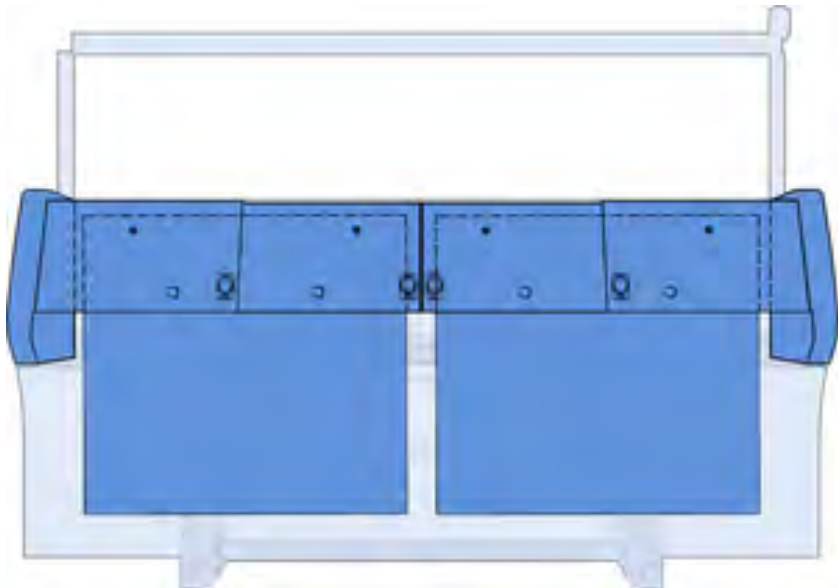
11.7 Measuring device

Pos	Designation	ID		Pos	Designation	ID
Σ	Measuring device			6	Spare parts package impulse sensor GLM	259 613
1	Measuring bar	257 370		501	Washer	020 881
2	Guide	251 676		502	Pan-head screw	241 603
3	Stop point	209 289		503	Screw 60x20	243 625
4	Guide	240 672		530	Setscrew	230 803
5	Guide exterior	251 605		10*	Bearing fork	240 689



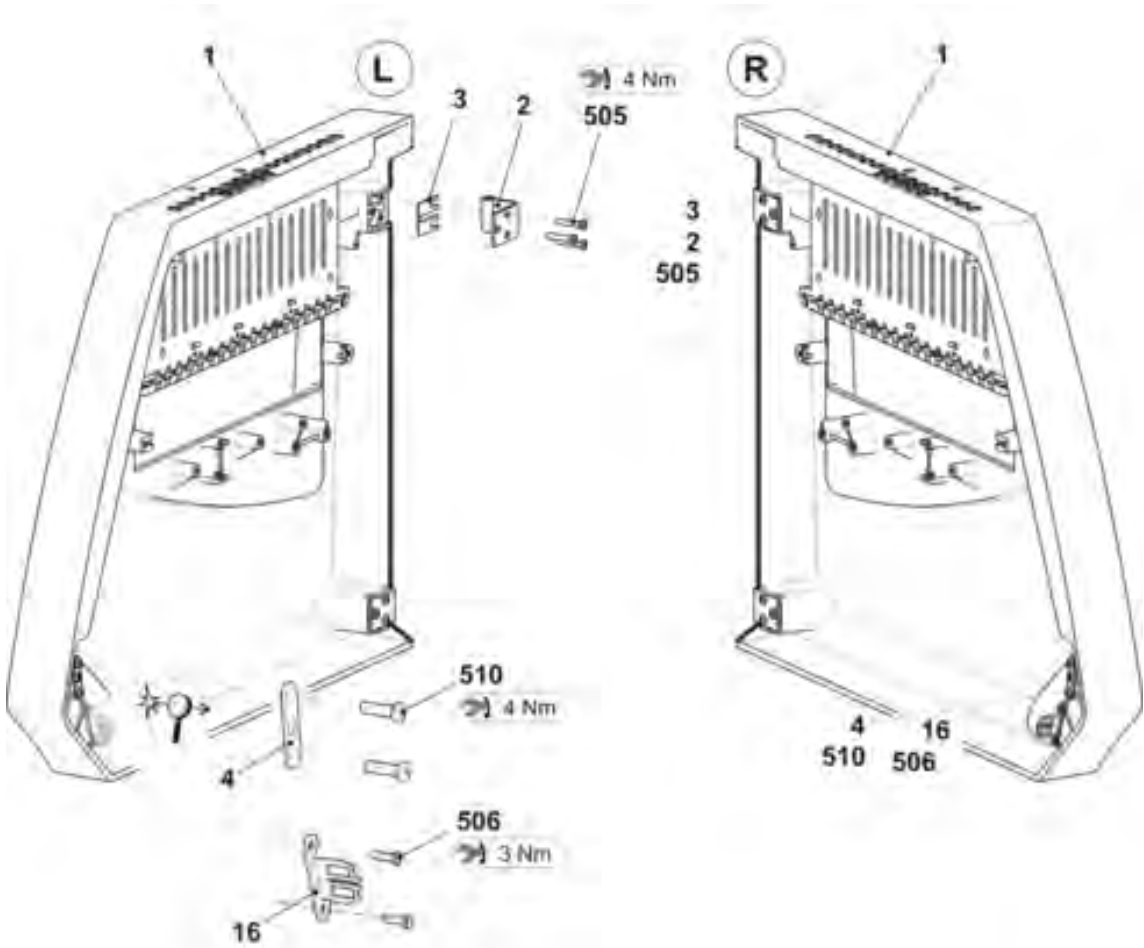
Notes:

12 Protective units



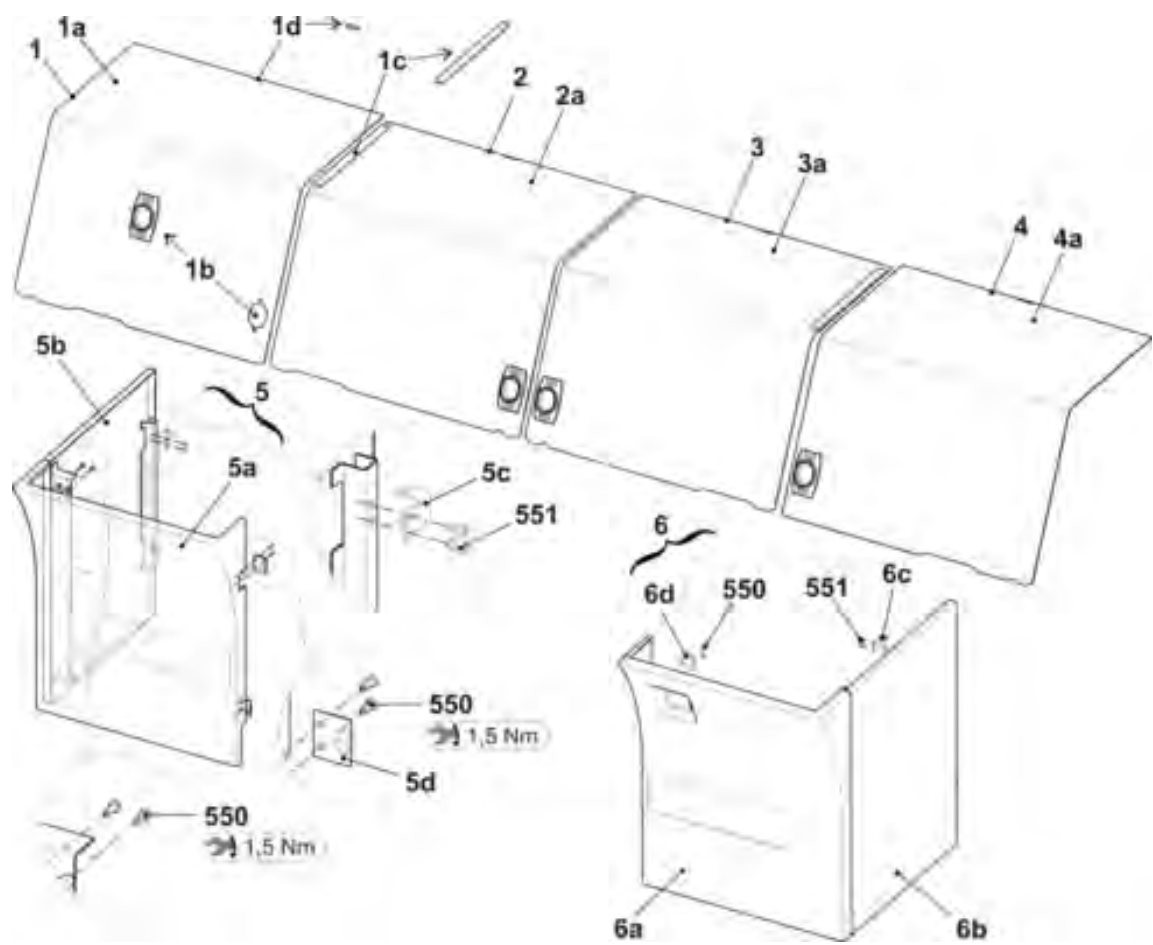
12.1 Lateral safety doors

Pos	Designation	Id		Pos	Designation	Id
Σ	Safety door on the left			Σ	Safety door on the right	
1	Safety door on the left	250 562		1	Safety door on the right	250 563
2	Hinge	241 994		2	Hinge	241 994
3	Plate	224 717		3	Plate	224 717
4	Locking plate	219 748		4	Locking plate	219 748
16	ActuatorAZ 15/16	255 492		16	ActuatorAZ 15/16	255 492
505	Screw KB 60x30	237 683		505	Screw KB 60x30	237 683
506	Screw KB 40x14	241 358		506	Screw KB 40x14	241 358
510	Screw KB 60x20	237 682		510	Screw KB 60x20	237 682



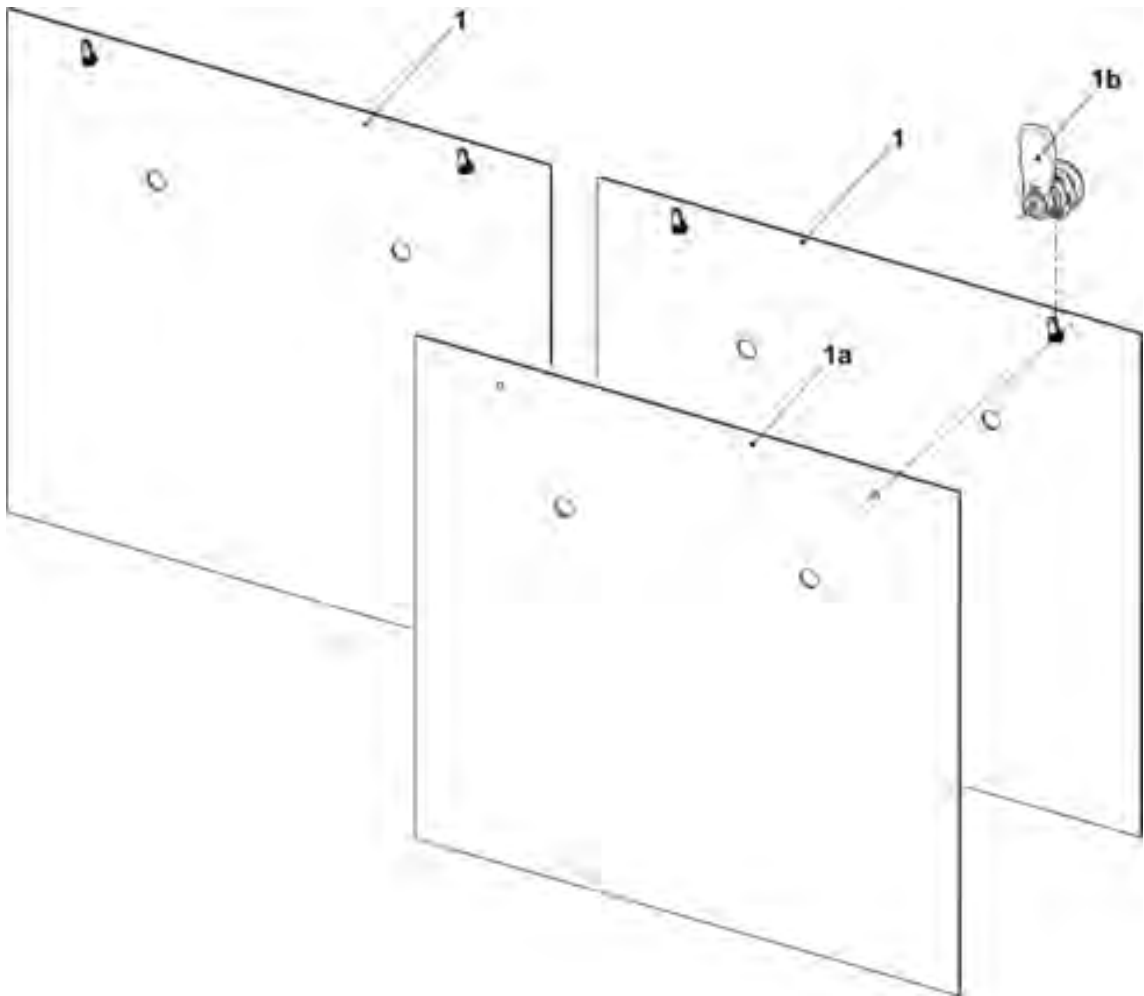
12.2 Panelling

Pos	Designation		Id		Pos	Designation		Id
1	Cover 1 completeCover completeCover completeCover complete		257 303		3	Cover 3 completeCover completeCover completeCover complete		257 305
	1a	Cover 1	257 296			3a	Cover 3	257 298
	1b	Inlet type handle	251 376			1b	Inlet type handle	251 376
	1c	Stripper	219 393			1c	Stripper	219 393
	1d	Magnet	204 666			1d	Magnet	204 666
2	Cover 2 completeCover completeCover completeCover complete		257 304		4	Cover 4 completeCover completeCover completeCover complete		257 306
	2a	Cover 2	257 297			4a	Cover 4	257 299
	1b	Inlet type handle	251 376			1b	Inlet type handle	251 376
	1c	Stripper	219 393			1c	Stripper	219 393
	1d	Magnet	204 666			1d	Magnet	204 666
5	Control unit panelling on the left complete		251 233		6	Control unit panelling on the right complete		251 234
	5a	Control unit panelling on the left	251 185			6a	Control unit panelling on the right	251 186
	5b	Side part	244 989			6b	Side part	244 989
	5c	Hinge	250 273			6c	Hinge	250 273
	5d	Bracket	240 412			6d	Bracket	240 412
	550	Screw KB 50x12	240 359			550	Screw KB 50x12	240 359
	551	Cap screwM6x16	020 135			551	Cap screwM6x16	020 135

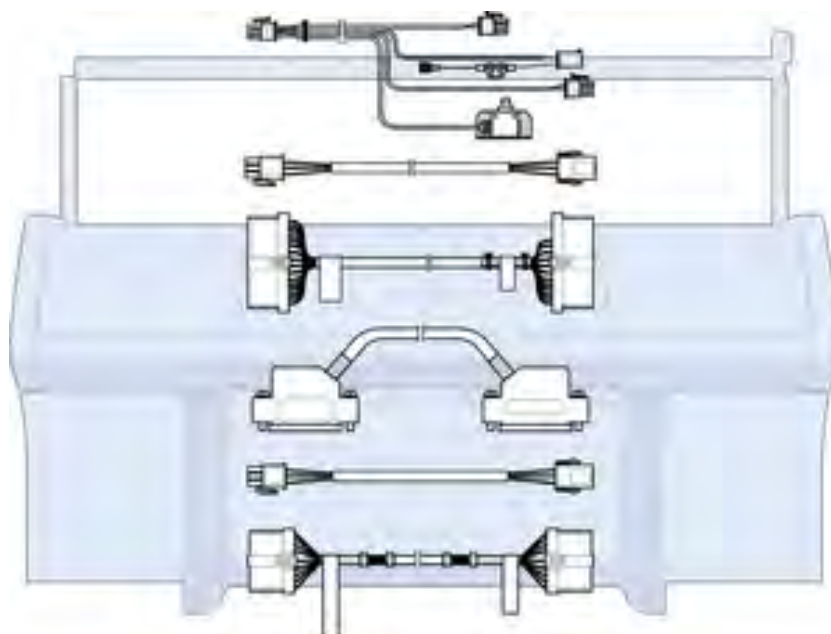


12.3 Rear panel

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



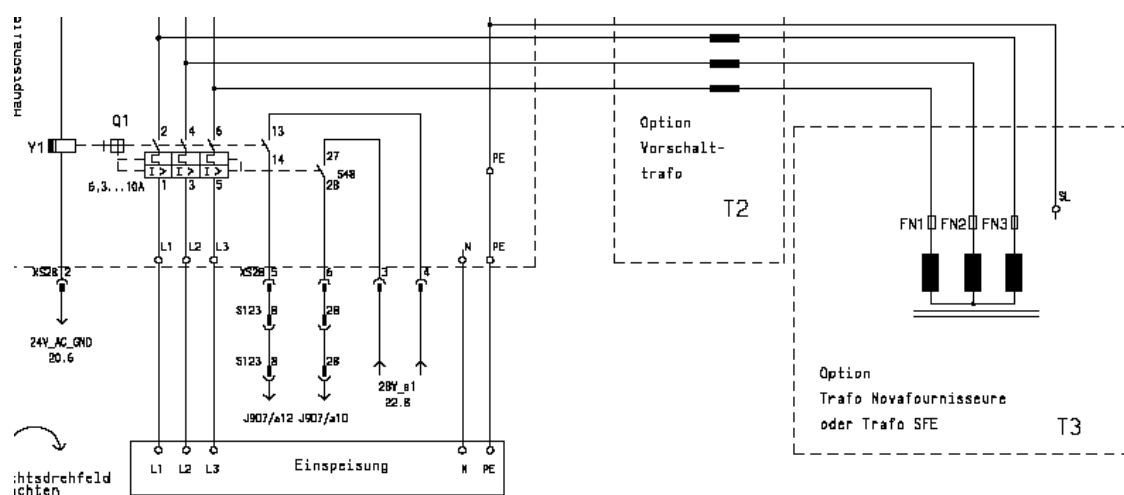
13 Electrical equipment



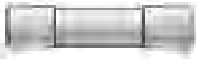
13.1 Circuit diagram (222) as PDF

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

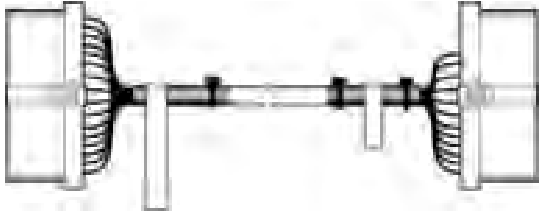
You will find the circuit diagram 222 on the CMS documentation DVD with the ID no. 257 157



13.2 Fuses

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

13.3 Trailing cable

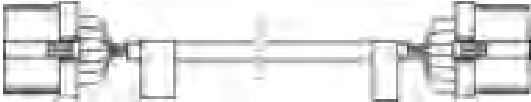
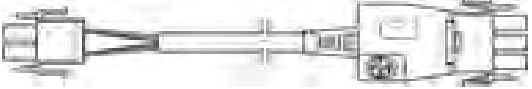
Designation		Id	Designation		Id
Σ	Trailing cable set okc 520 2IMP-2	259 302			
	Cable carriage at the rear XR332 520C	255 054		Cable impulse sensor 2 at the rear XR136	259 357
					
	Cable carriage at the front XR333 520C	254 888		Cable impulse sensor 2 at the front XR137	259 358
					
	Cable yarn carrier XR161	254 886			
					

13.4 Cable set installation

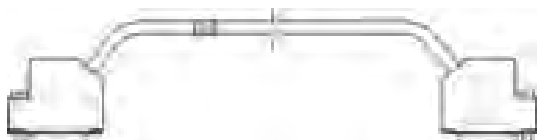
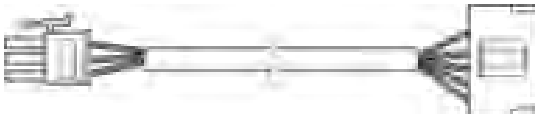
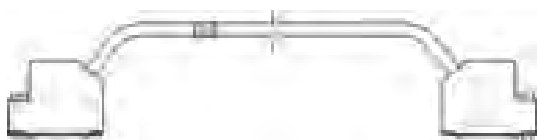
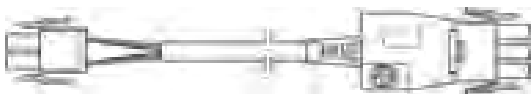
Designation			Designation		
Σ	Cable set installation 5XX OKC	253 618			
1	Loom of cables base 1 5XX	253 619	3	Loom of cables 5XX OKC	253 621
2	Loom of cables base 2OKC	240 257	4	Loom of cables comb OKC	240 259
6	Cable switch main take-down 50" ECO2	252 541	7	Cable supply FKE lamp ECO2	252 587
					

13.4 Cable set installation

13.4.1 Cable set base 1

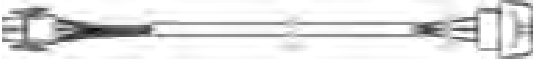
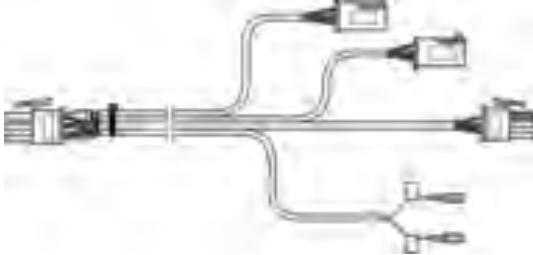
Designation		Id	Designation		Id
Σ	Loom of cables base 1 5XX	253 619			
	Cable engaging ECO2	252 538		Cable protective device on the left 5XX	253 620
					
	Cable feed wheel on the left 50" OKC	240 464			
					

13.4.2 Loom of cables base 2

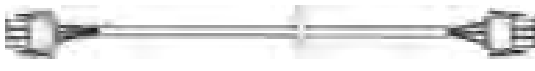
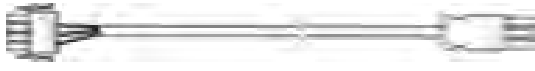
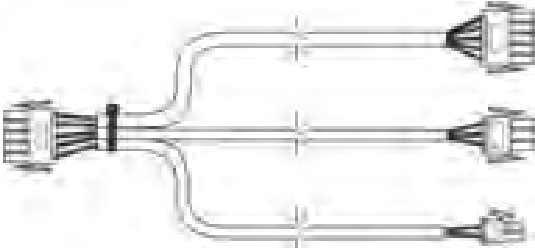
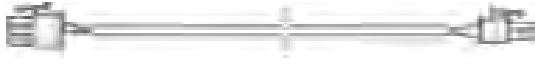
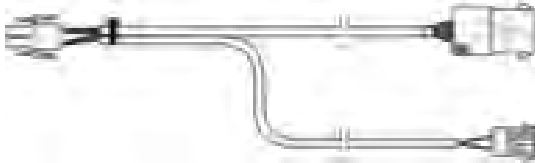
Designation		Id	Designation		Id		
Σ	Loom of cables base 2	240 257					
	Cable motor HAAB OKC	240 291		Cable resolver drive OKC 3XX	240 296		
							
	Cable racking limit switch OKC 3XX	240 292		Cable racking motor OKC 3XX	240 297		
							
	Cable fan drive 3XX OKC	240 293		Cable resolver racking OKC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

13.4 Cable set installation

13.4.3 Loom of cables comb

Designation		Id	Designation		Id
Σ	Loom of cables comb OKC	240 259			
	Cable motor comb hookOKC	240 308		Cable switch combOKC	240 311
					
	Cable switch KAHA OKC	240 309		Cable switch HAAB OKC	240 312
					
	Cable motor combOKC	240 310			
					

13.4.4 Loom of cables 5XX

Designation		Id	Designation		Id
Σ	Loom of cables 5XX OKC	253 621			
	Cable motor auxiliary take-down 50" okc	240 467		Cable power supply unit of mains supply OKC	240 505
					
	Cable impulse sensor auxiliary take-down 50" OKC	240 468		Cable power supply lighting	236 572
					
	Cable power supply WAZ/F 50" OKC	240 469		Cable switch auxiliary take-down 3xx OKC	240 472
					
	Cable power supply servo 50" OKC	240 502		Cable power supply FLENT 50" OKC	251 231
					

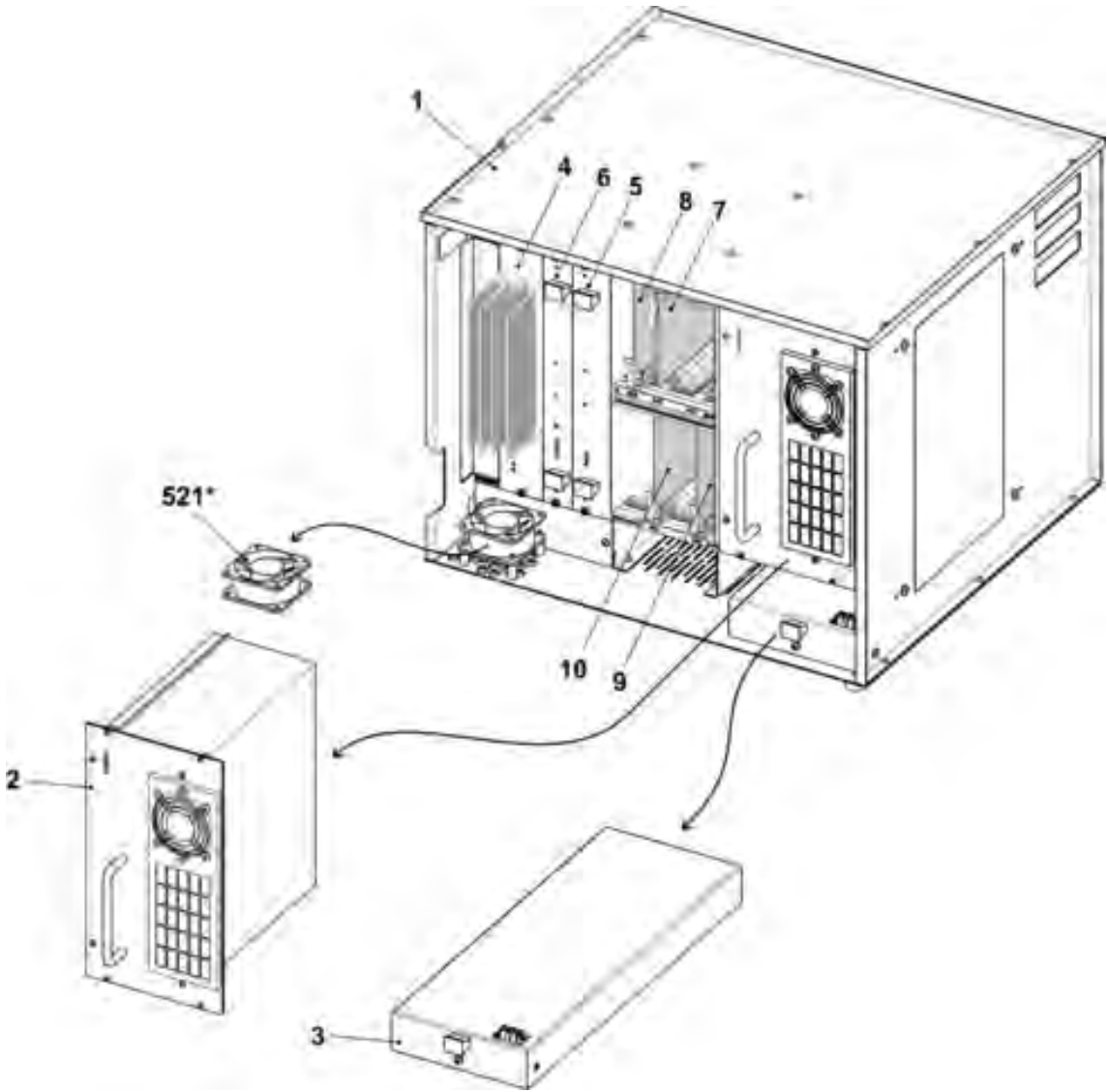
Notes:

14 Control electronics

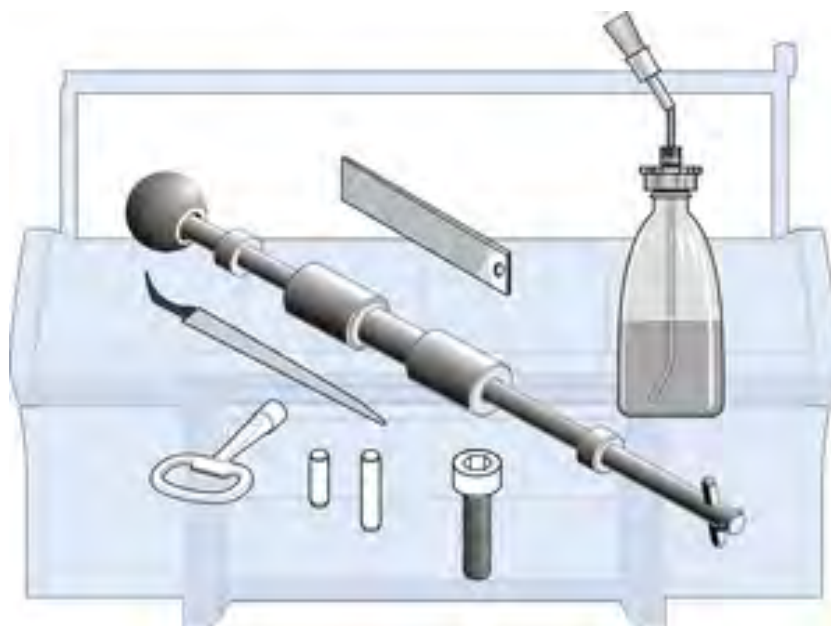


14.1 Control cabinet

Pos	Designation	Id		Pos	Designation	Id
Σ	Control unit on the right complete 520 PP	260 566		6	Card BIO ECO2	301 007
1	Control unit without equipment 5XX 5/6 Zoll	260 576		7	Card final stages 4SM 7TE	300 943
2	Power supply unit CG54 1-Kanal	300 923		8	Card N-CPU 432	300 965
3	Battery plug-in unit	301 008		9	Card Power CPU B	301 009
4	Card Servo 6	301 000		10	Card IPC P8X S 01	301 010
5	Card C-WAZ ECO2	301 006		521*	Axial flow fan Servo 5	229 059



15 Deliverable accessories

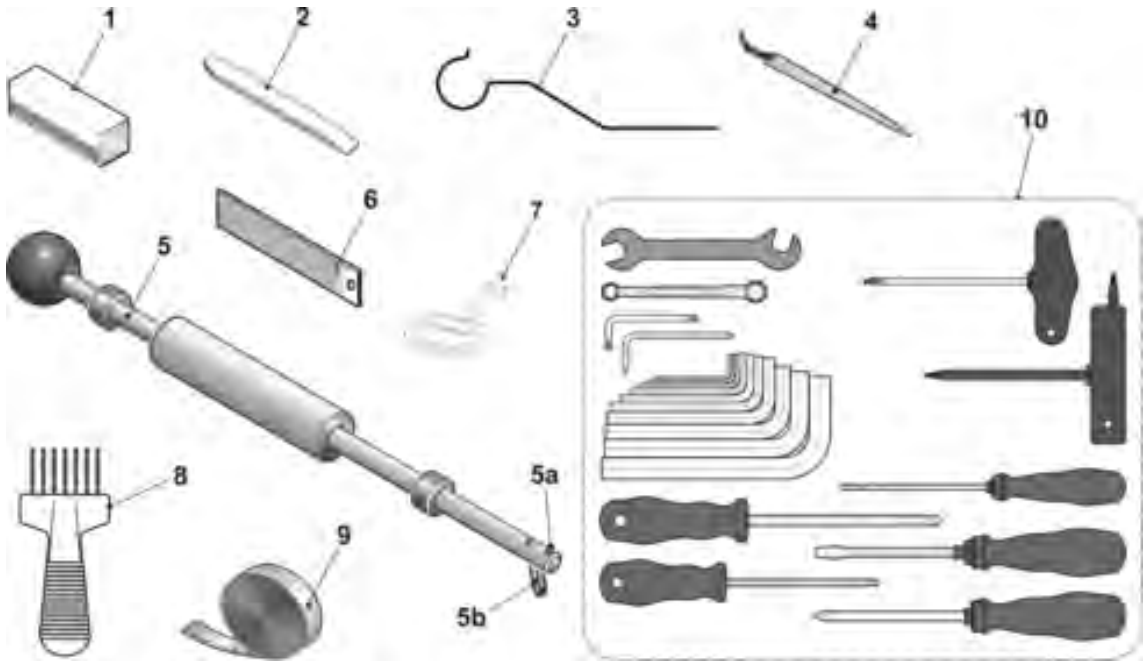


You can order the following tools, lubricants and expendables.
The following list does not correspond to the scope of delivery of the knitting machine.

15.1 Tool

15.1 Tool

Pos	Designation		Id	Pos	Designation	Id
1	Channel support E10, E5.2		062 314	6	Groove file 0,90mm E10-12, E5.2 6.2	006 175
	Channel support E12, E6.2		062 315		Groove file 0,73mm E14, E7.2	006 173
	Channel support E14, E7.2		218 069		Groove file 0,45mm E16-18, E9.2	006 179
	Channel support E16, E8.2		230 188	7	Key of switch cabinet	009 346
	Channel support E18, E9.2		230 189	8	Groove cleaner E10 (E5.2)	031 238
2	Channel chisel E14-20 (E5-14)		062 316		Groove cleaner E12 (E6.2)	031 240
	Channel chisel E10-14		062 318		Groove cleaner E14 (E7.2)	031 242
3	Yarn guide on the left		227 071		Groove cleaner E16	225 111
	Yarn guide on the right		227 070		Groove cleaner E18 (E9.2)	225 112
4	Working hook		227 249	9	Measuring tape L=150cm	228 180
5	Extraction hook		232 027	10	Tool kit	209 527
	5a	Small pin	202 843			
	5b	Pencil	232 022			



15.2 Lubricating stuff

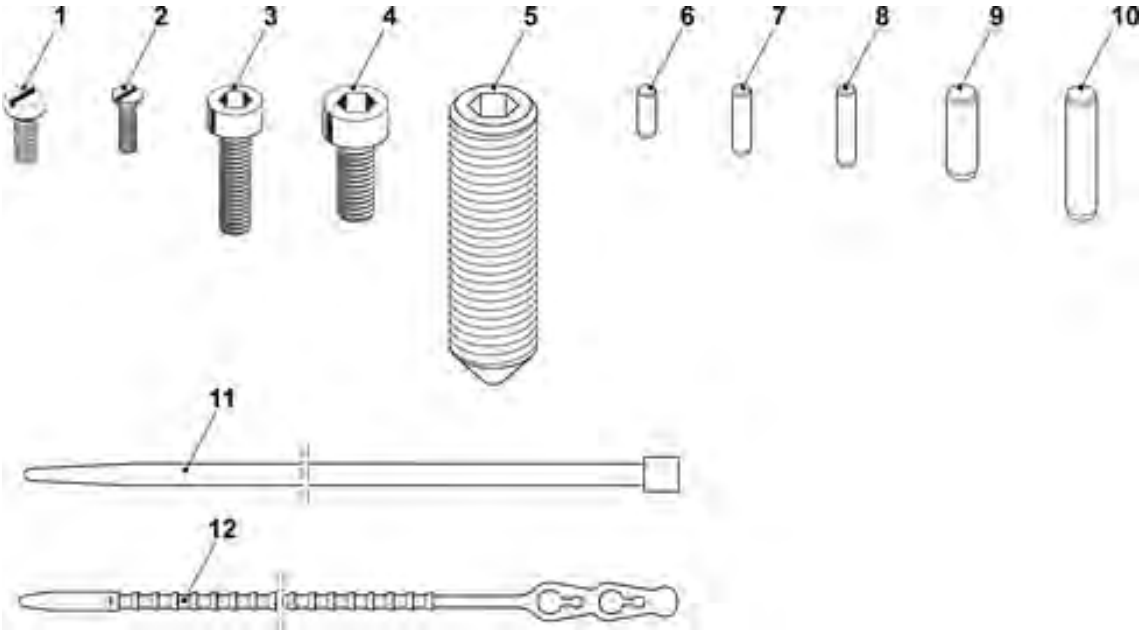
Pos	Designation	Id		Pos	Designation	Id
1	Silvertex T 46, 1l	230 614		4	Oil combifix	216 732
2	Grease OKS 475, 1kg	009 200		5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351		6	Grease Staburags NBU 12/300KP	231 191



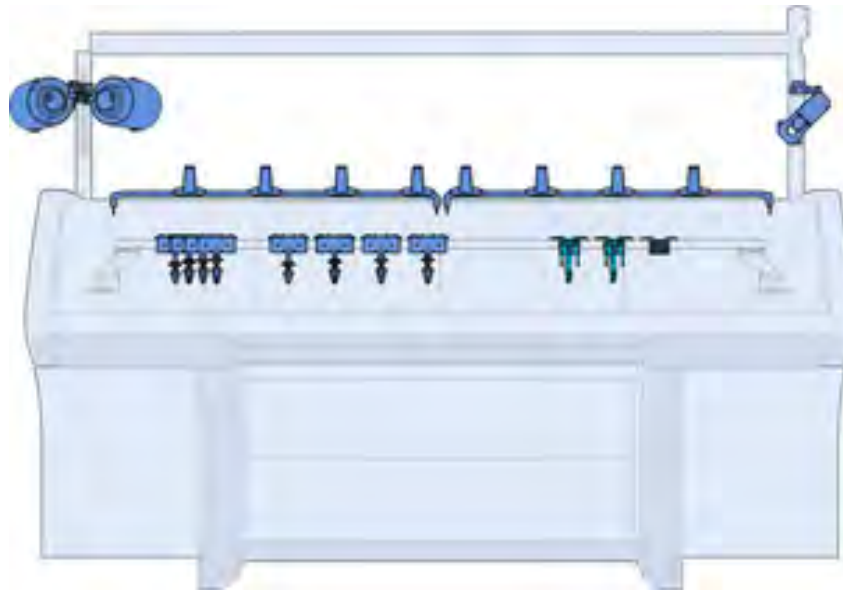
15.3 Mechanical parts

15.3 Mechanical parts

Pos	Designation	Id		Pos	Designation	Id
1	Cap screw M4x8	020 091		11	Cut cable 203x3,6mm	025 815
2	Countersunk screw M3x6	020 286			Cut cable T50L	026 294
3	Cap screw M5x16	022 726			Cut cable 140x3,6mm	008 379
4	Cap screw M6x14	022 658			Cut cable 302x4,8mm	008 642
5	Setscrew M16x50	023 235			Cut cable 92x2,4mm	008 378
6	Dowel pin 3x7	020 643		12	Reusable tie ABV 232 320mm	026 557
7	Dowel pin 3x10	020 645				
8	Dowel pin 3x12	020 647				
9	Dowel pin 5x12	021 988				
10	Dowel pin 5x18	022 622				

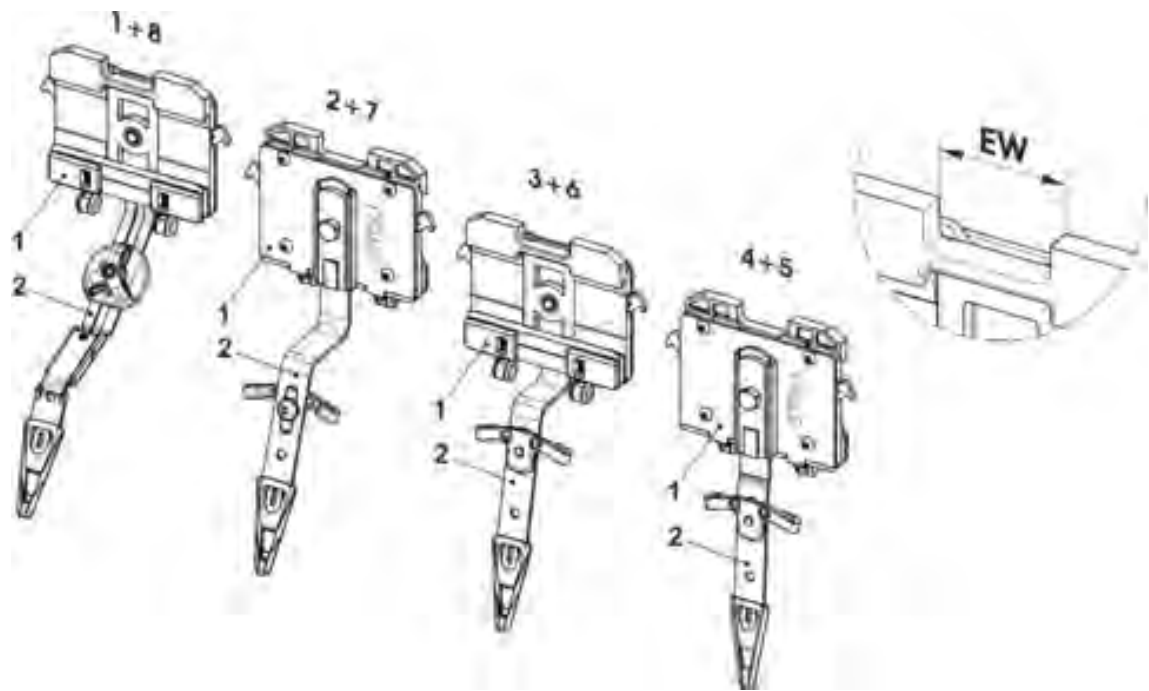


16 Special attachments



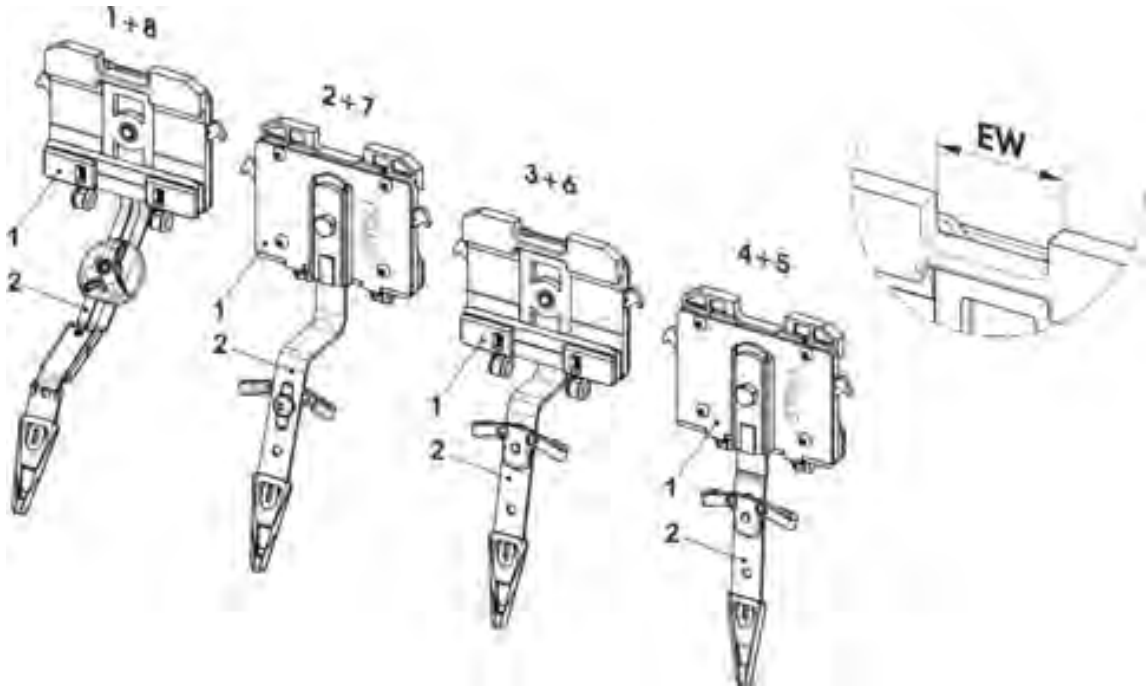
16.1 Yarn carrier type 2, E10 | 12 | E14 | E7.2 | E8.2 | E9.2

Track	Pos	Designation	ID		Track	Track		ID
1+8	FF carriage 1+8 complete EW 23		259 122		3+6	FF carriage 3+6 complete EW 23		258 630
	1	FF carriage EW 23	258 326			1	FF carriage EW 23	258 326
	2	FF bow 1+8 complete E10-14	259 929			2	FF bow 3+6 complete E10-14	258 613
	FF carriage 1+8 complete EW 29		259 123			FF carriage 3+6 complete EW 29		259 127
	1	FF carriage EW 29	259 034			1	FF carriage EW 29	259 034
	2	FF bow 1+8 complete E10-14	259 929			2	FF bow 3+6 complete E10-14	258 613
	FF carriage 1+8 complete EW 43		259 924			FF carriage 3+6 complete EW 43		259 926
	1	FF carriage EW 43	259 923			1	FF carriage EW 43	259 923
	2	FF bow 1+8 complete E10-14	259 929			2	FF bow 3+6 complete E10-14	258 613
	FF carriage 1+8 complete EW 46		259 124			FF carriage 3+6 complete EW 46		259 128
	1	FF carriage EW 46	258 912			1	FF carriage EW 46	258 912
	2	FF bow 1+8 complete E10-14	259 929			2	FF bow 3+6 complete E10-14	258 613
2+7	FF carriage 2+7 complete EW 23		258 629		4+5	FF carriage 4+5 complete EW 23		258 631
	1	FF carriage EW 23	258 326			1	FF carriage EW 23	258 326
	2	FF bow 2+7 complete E10-14	258 611			2	FF bow 4+5 complete E10-14	258 615
	FF carriage 2+7 complete EW 29		259 125			FF carriage 4+5 complete EW 29		259 129
	1	FF carriage EW 29	259 034			1	FF carriage EW 29	259 034
	2	FF bow 2+7 complete E10-14	258 611			2	FF bow 4+5 complete E10-14	258 615
	FF carriage 2+7 complete EW 43		259 925			FF carriage 4+5 complete EW 43		259 927
	1	FF carriage EW 43	259 923			1	FF carriage EW 43	259 923
	2	FF bow 2+7 complete E10-14	258 611			2	FF bow 4+5 complete E10-14	258 615
	FF carriage 2+7 complete EW 46		259 126			FF carriage 4+5 complete EW 46		259 130
	1	FF carriage EW 46	258 912			1	FF carriage EW 46	258 912
	2	FF bow 2+7 complete E10-14	258 611			2	FF bow 4+5 complete E10-14	258 615



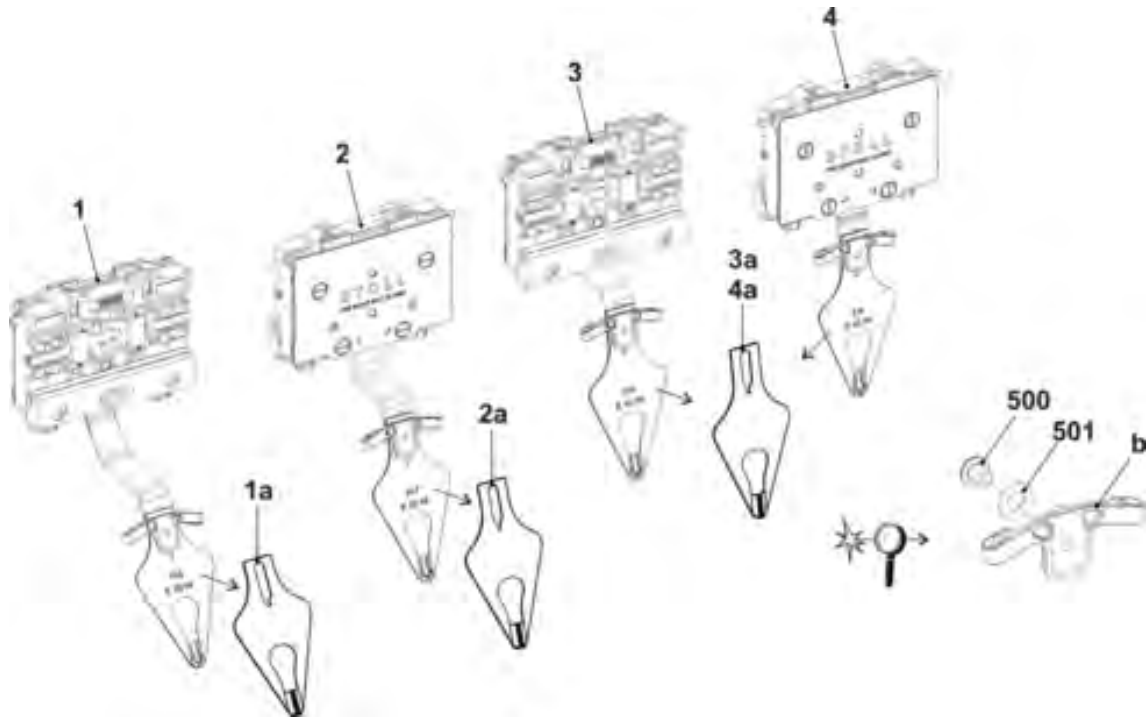
16.2 Yarn carrier type 2, E16 | E18

Track	Pos	Designation	ID		Track	Track		ID
1+8		FF carriage 1+8 complete EW 23 E16-18	260 047		3+6		FF carriage 3+6 complete EW 23 E16-18	260 049
	1	FF carriage EW 23	258 326			1	FF carriage EW 23	258 326
	2	FF bow 1+8 complete E16-18	259 944			2	FF bow 3+6 complete E16-18	259 946
		FF carriage 1+8 complete EW 29 E16-18	260 051				FF carriage 3+6 complete EW 29 E16-18	260 053
	1	FF carriage EW 29	259 034			1	FF carriage EW 29	259 034
	2	FF bow 1+8 complete E16-18	259 944			2	FF bow 3+6 complete E16-18	259 946
		FF carriage 1+8 complete EW 43 E16-18	260 055				FF carriage 3+6 complete EW 43 E16-18	260 057
	1	FF carriage EW 43	259 923			1	FF carriage EW 43	259 923
	2	FF bow 1+8 complete E16-18	259 944			2	FF bow 3+6 complete E16-18	259 946
		FF carriage 1+8 complete EW 46 E16-18	260 016				FF carriage 3+6 complete EW 46 E16-18	260 018
	1	FF carriage EW 46	258 912			1	FF carriage EW 46	258 912
	2	FF bow 1+8 complete E16-18	259 944			2	FF bow 3+6 complete E16-18	259 946
2+7		FF carriage 2+7 complete EW 23 E16-18	260 048		4+5		FF carriage 4+5 complete EW 23 E16-18	260 050
	1	FF carriage EW 23	258 326			1	FF carriage EW 23	258 326
	2	FF bow 2+7 complete E16-18	259 945			2	FF bow 4+5 complete E16-18	259 947
		FF carriage 2+7 complete EW 29 E16-18	260 052				FF carriage 4+5 complete EW 29 E16-18	260 054
	1	FF carriage EW 29	259 034			1	FF carriage EW 29	259 034
	2	FF bow 2+7 complete E16-18	259 945			2	FF bow 4+5 complete E16-18	259 947
		FF carriage 2+7 complete EW 43 E16-18	260 056				FF carriage 4+5 complete EW 43 E16-18	260 058
	1	FF carriage EW 43	259 923			1	FF carriage EW 43	259 923
	2	FF bow 2+7 complete E16-18	259 945			2	FF bow 4+5 complete E16-18	259 947
		FF carriage 2+7 complete EW 46 E16-18	260 017				FF carriage 4+5 complete EW 46 E16-18	260 019
	1	FF carriage EW 46	258 912			1	FF carriage EW 46	258 912
	2	FF bow 2+7 complete E16-18	259 945			2	FF bow 4+5 complete E16-18	259 947



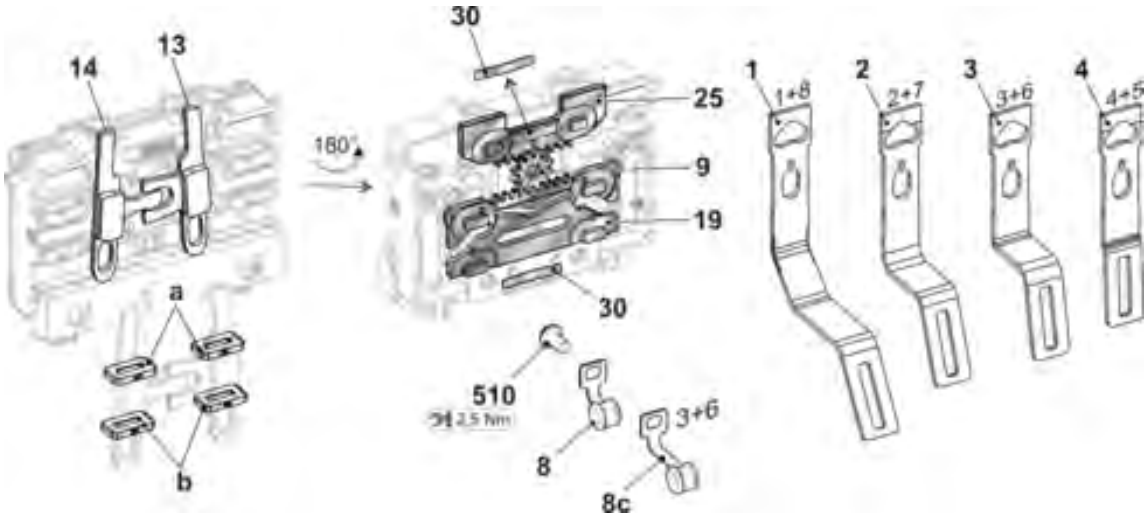
16.3 Intarsia yarn carrier type 2, Overview

Pos	Designation	Id		Pos	Designation	Id
1	IFF carriage complete1+8 E5	259 732		1a	YC head 1+8 completeE5	244 076
	IFF carriage complete1+8 E7-8	259 736			YC head 1+8 completeE7-8	244 082
	IFF carriage complete1+8 E10-14	259 740			YC head 1+8 completeE10-14	260 612
	IFF carriage complete1+8 E16-18	259 744			YC head 1+8 completeE16-18	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 4a	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

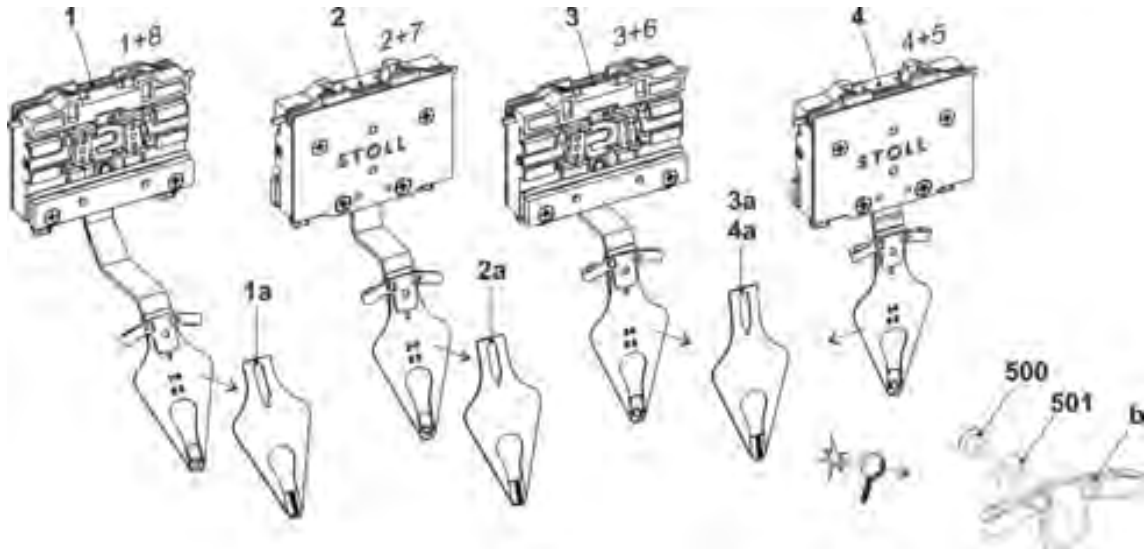
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	259 728		1	FF bow 1+8	259 719
	IFF carriage 2+7	259 729		2	FF bow 2+7	259 720
	IFF carriage 3+6	259 730		3	FF bow 3+6	259 721
	IFF carriage 4+5	259 731		4	FF bow 4+5	259 722
8	Eyelet holder complete	260 702		a	Pressure plate 2,02 H	262 433
8c	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 Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

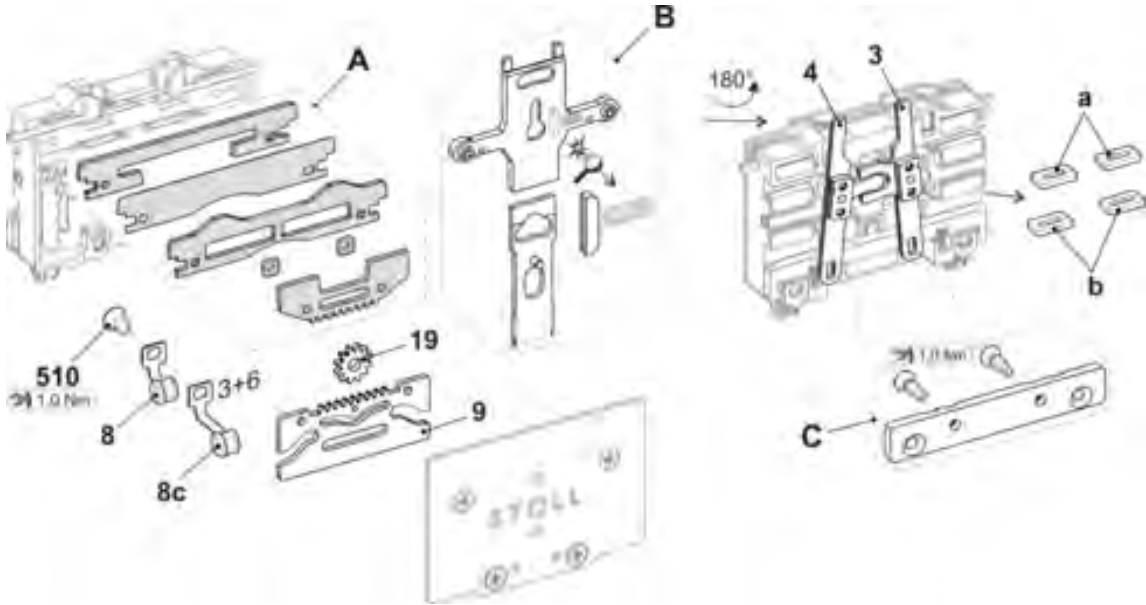
16.4 Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

Pos	Designation	Id		Pos	Designation	Id
1	IFF carriage complete1+8 E5	250 319		1a	YC head 1+8 completeE5	244 076
	IFF carriage complete1+8 E7-8	250 323			YC head 1+8 completeE7-8	244 082
	IFF carriage complete1+8 E10-14	250 327			YC head 1+8 completeE10-14	260 612
	IFF carriage complete1+8 E16-18	250 331			YC head 1+8 completeE16-18	261 516
2	IFF carriage complete 2+7 E5	250 320		2a	YC head 2+7 complete E7-8	244 083
	IFF carriage complete 2+7 E7-8	250 324			YC head 2+7 complete E10-14	260 614
	IFF carriage complete 2+7 E10-14	250 328			YC head 2+7 complete E16-18	261 517
	IFF carriage complete 2+7 E16-18	250 332			YC head 2+7 complete E5	244 077
3	IFF carriage complete 3+6 E5	250 321		3a	YC head 3-6 complete E5	244 078
	IFF carriage complete 3+6 E7-8	250 325		4a	YC head 3-6 complete E7-8	244 084
	IFF carriage complete 3+6 E10-14	250 329			YC head 3-6 complete E10-14	260 610
	IFF carriage complete 3+6 E16-18	250 333			YC head 3-6 complete E16-18	261 518
4	IFF carriage 4+5 complete E5	250 322		b	Yarn guide angle	242 863
	IFF carriage 4+5 complete E7-8	250 326		500	Pan head screw M4x5	239 549
	IFF carriage 4+5 complete E10-14	250 330		501	Washer	020 870
	IFF carriage 4+5 complete E16-18	250 334				



16.4.1 Continuation Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

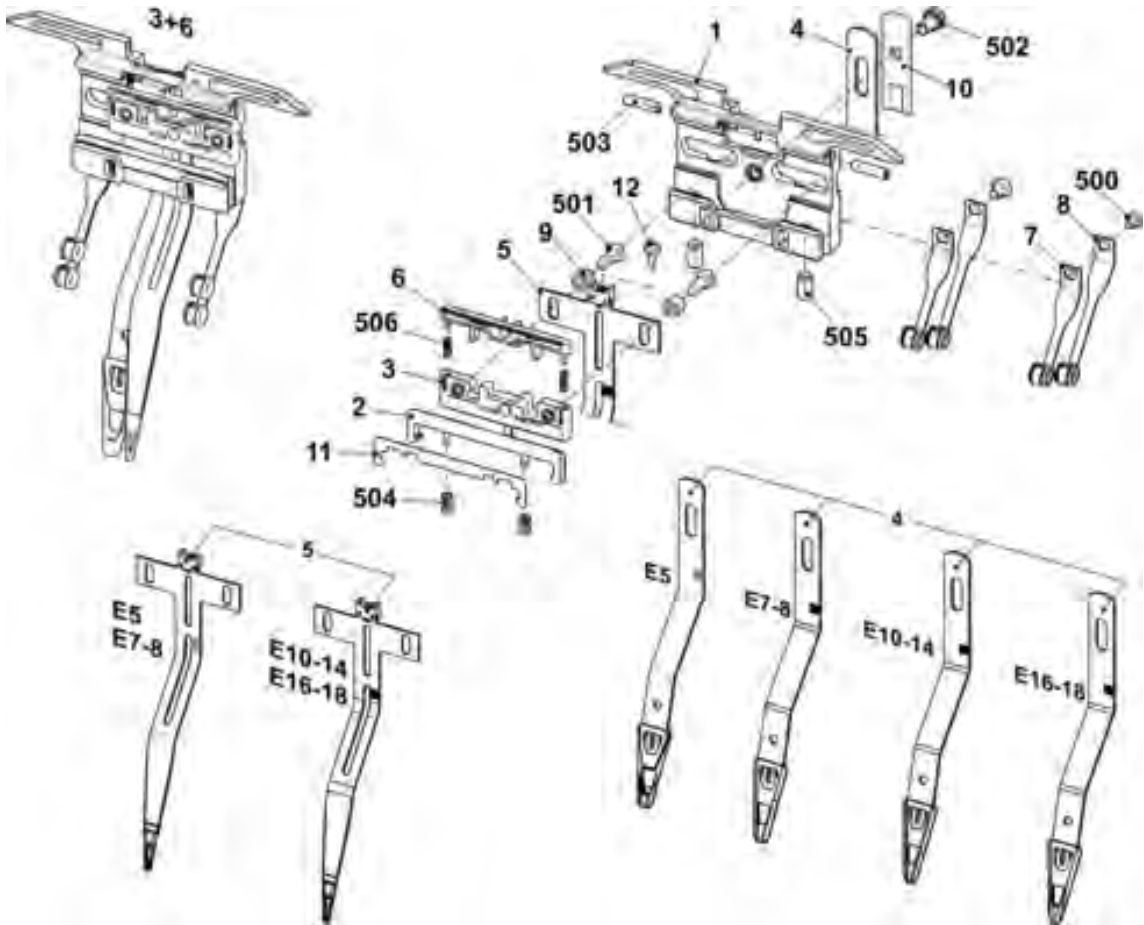
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	250 315		A	Spare parts package IFF sliding block	263 585
	IFF carriage 2+7	250 316		B	Spare parts package IFF 1+8	263 580
	IFF carriage3+6	250 317			Spare parts package IFF 2+7	263 581
	IFF carriage4+5	250 318			Spare parts package IFF 3+6	263 582
3	Clamping lever on the rightH3	235 102			Spare parts package IFF 4+5	263 584
4	Clamping lever on the leftH3	235 103		C	Spare parts package IFF locating plate	263 579
8	Eyelet holder complete	242 931		a	Pressure plate 2,04	201 654
8c	Eyelet holder complete	244 200		b	Pressure plate 2,06	208 924
9	Slider at the bottom	250 300			Pressure plate 2,02	235 740
19	Gear wheel	244 031		510	Pan-head screw M4x6	022 994



16.5 Plating yarn carrier 3+6

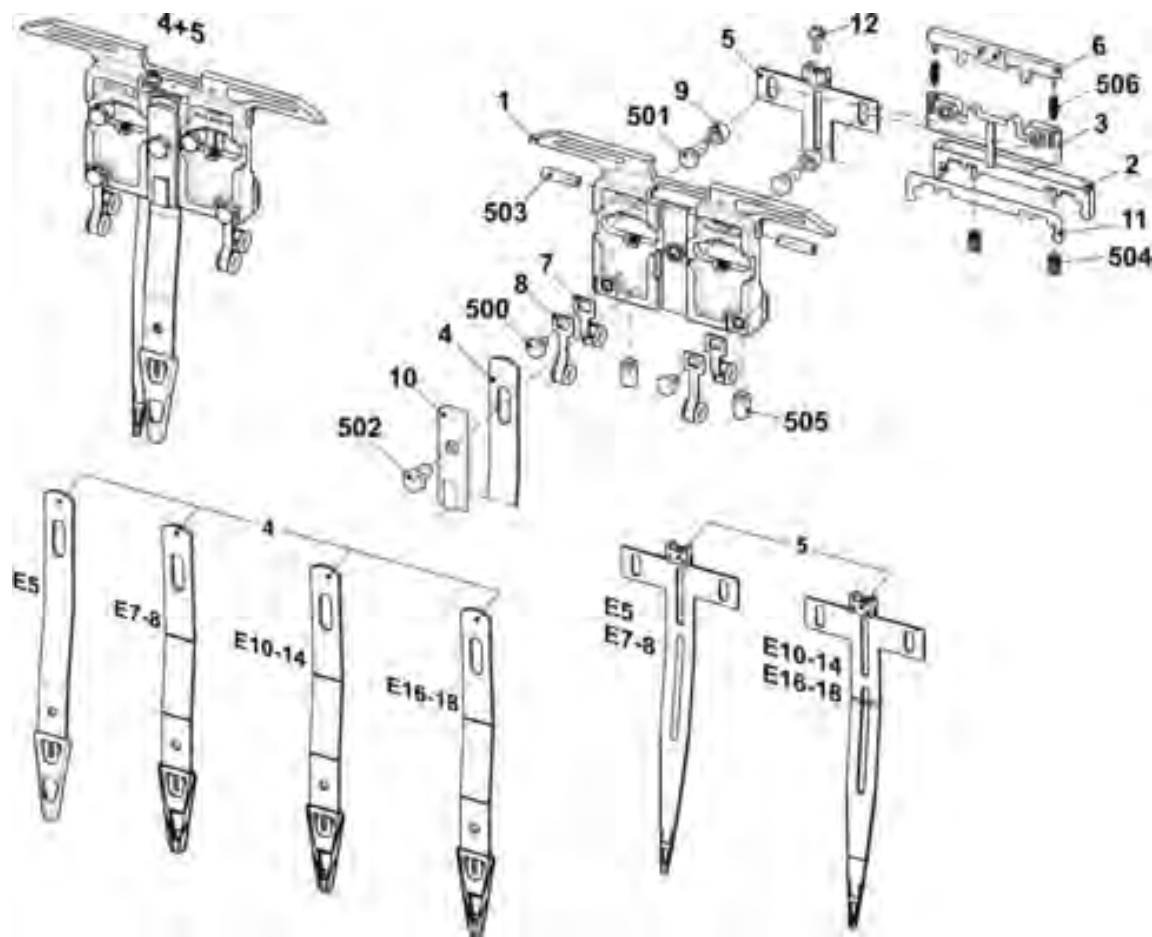
16.5 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete				
	E6.2	252 784	7	Eyelet holder complete	252 825
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 786	8	Eyelet holder complete	252 824
	E16 E18	252 788	9	Distance bushing	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding piece	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6		500	Hexagon screw M4x5	243 779
	E6.2	252 821	501	Hexagon screw M4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 822	502	Hexagon screw	252 832
	E16 E18	252 823	503	Setscrew M4x16	254 196
5	Plating yarn carrier bow 3+6 E6.2	252 800	504	Compression spring	021 399
	Plating yarn carrier bow 3+6 E10-E18	252 808	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058



16.6 Plating yarn carrier 4+5

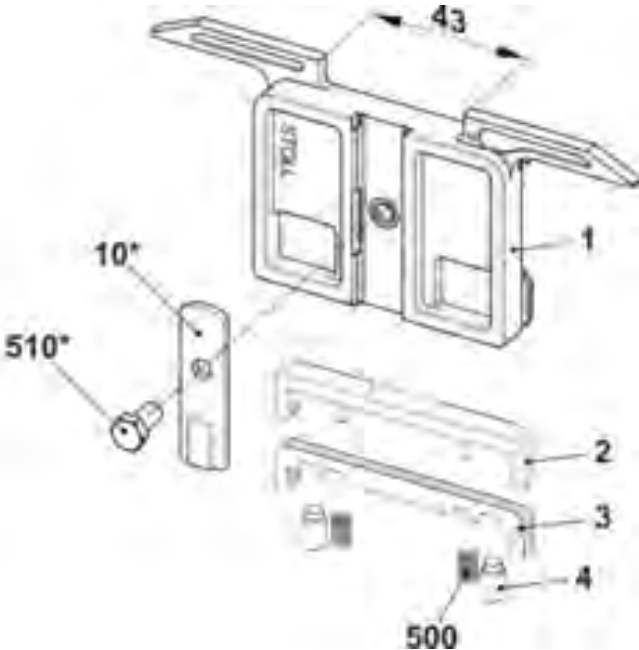
Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete				
	E6.2	252 783	7	Eyelet holder complete	252 815
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 785	8	Eyelet holder complete	252 816
	E16 E18	252 787	9	Distance bushing	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding piece	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6		500	Hexagon screw M4x5	243 779
	E6.2	252 791	501	Hexagon screw M4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 792	502	Hexagon screw	252 832
	E16 E18	252 793	503	Setscrew M4x16	254 196
5	Plating yarn carrier bow 3+6 E6.2	252 799	504	Compression spring	021 399
	Plating yarn carrier bow 3+6 E10-E18	252 807	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058



16.7 Carriage of plating yarn carrier EW43

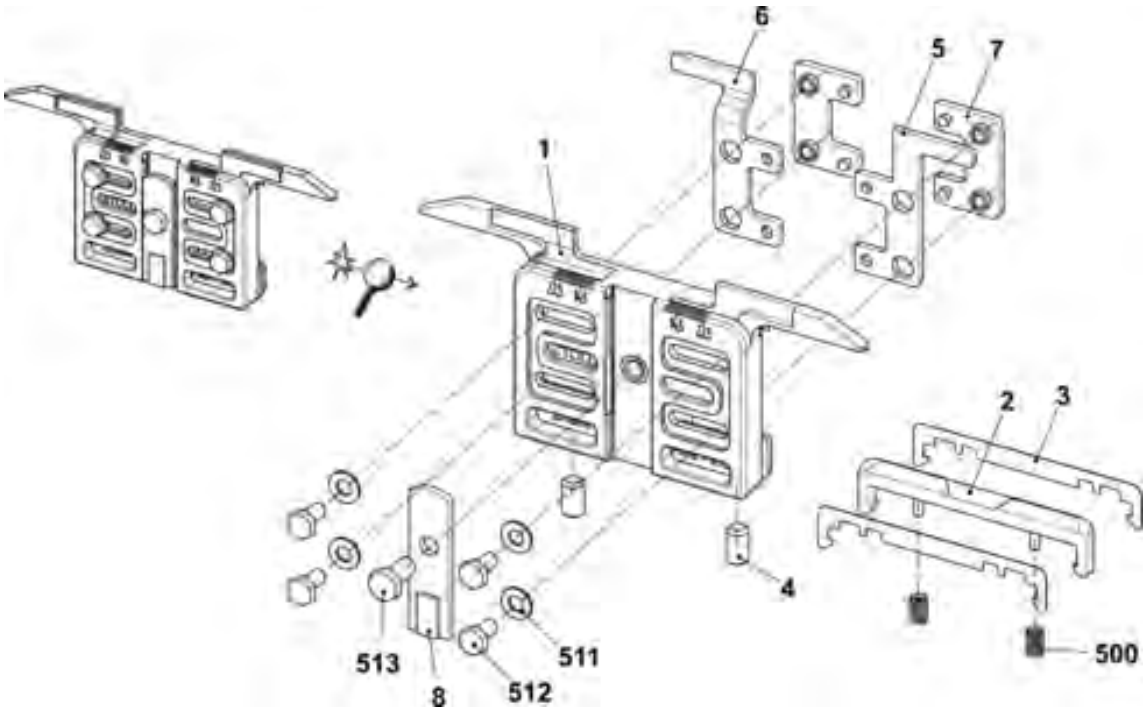
16.7 Carriage of plating yarn carrier EW43

Pos	Designation	Id		Pos	Designation	Id
A	Plating FF carriage complete EW 43	257 241		4	Threaded bolt	213 399
1	FF carriage EW 43	257 240		500	Compression spring 4,0x0,55x11	021 399
2	Sliding piece	212 583		10*	Shim	213 035
3	Shim	216 143		510*	Hexagon screw M5x10	020 351



16.8 Carriage of plating yarn carrier (adjustable)

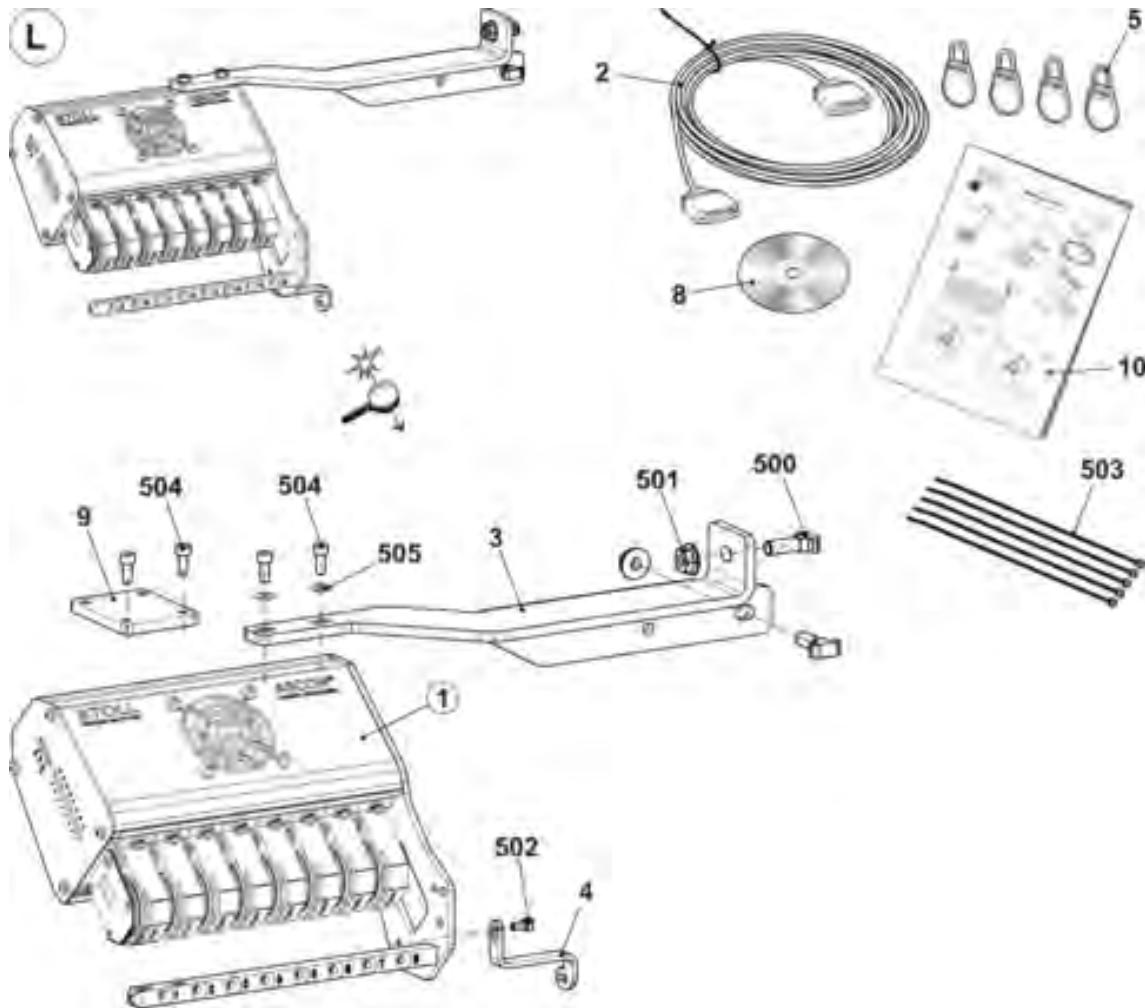
Pos	Designation	Id		Pos	Designation	Id
Σ	Plating yarn carrier carriage complete	251 867				
1	Carriage of yarn carrier	251 864		7	Guide part	253 226
2	Sliding piece	212 583		8	Shim	213 035
3	Shim	216 143		500	Compression spring	021 399
4	Threaded bolt	213 399		511	Washer4	022 481
5	Insert on the right	251 866		512	Hexagon screwM4x8	022 461
6	Insert on the left	251 865		513	Hexagon screwM5x10	020 351



16.9 Yarn length measuring device on the left complete

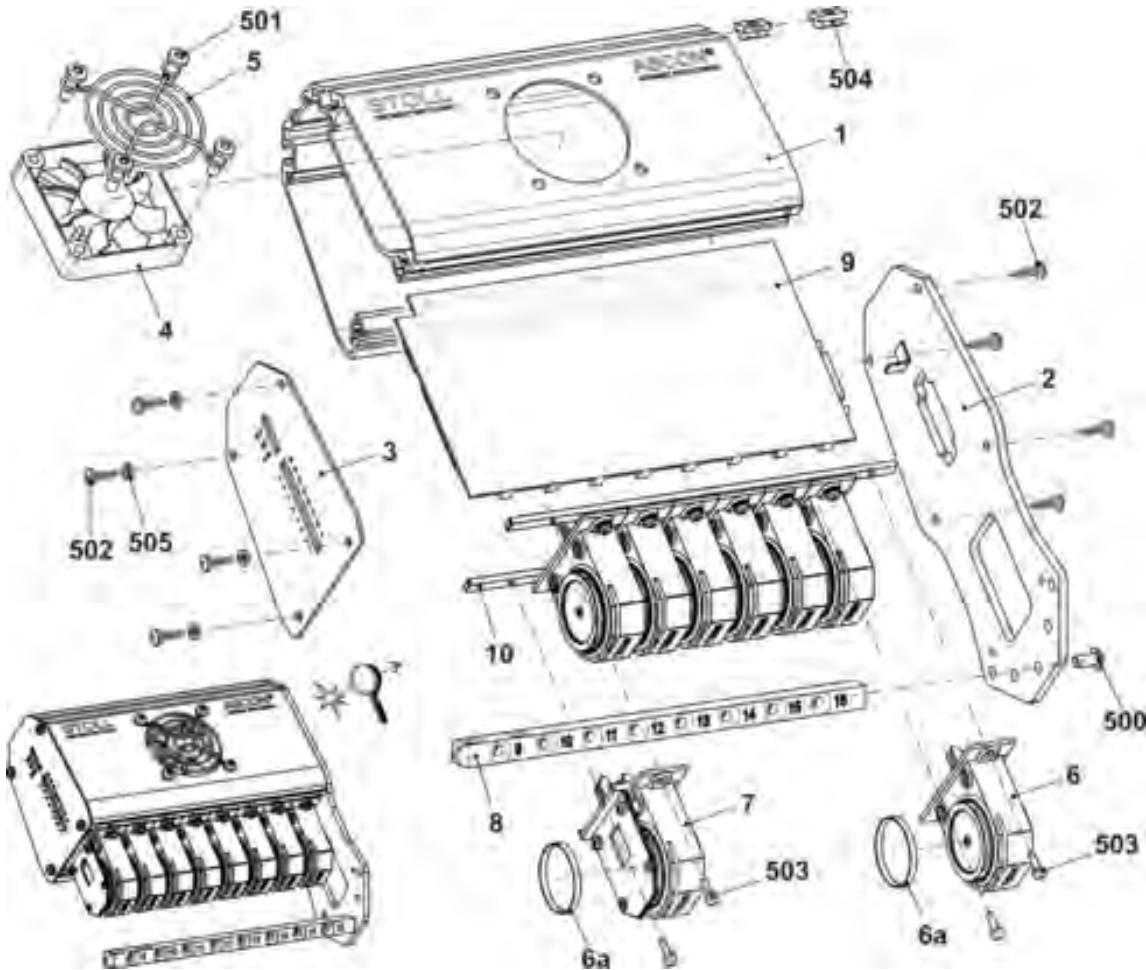
16.9 Yarn length measuring device on the left complete

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	257 600				
1	Yarn length measuring device on the left complete	257 283		10	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239		500	T-head bolt M8x25	022 866
3	Support on the left	257 122		501	Serrated nut M8-10	023 026
4	Connecting lug on the left	257 137		502	Cap screwM4x8	022 501
5	Adjustment weight	212 241		503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391		504	Cap screwM5x12	020 132
9	Holding plate	258 386		505	Washer5	020 871



16.9.1 Yarn length measuring device

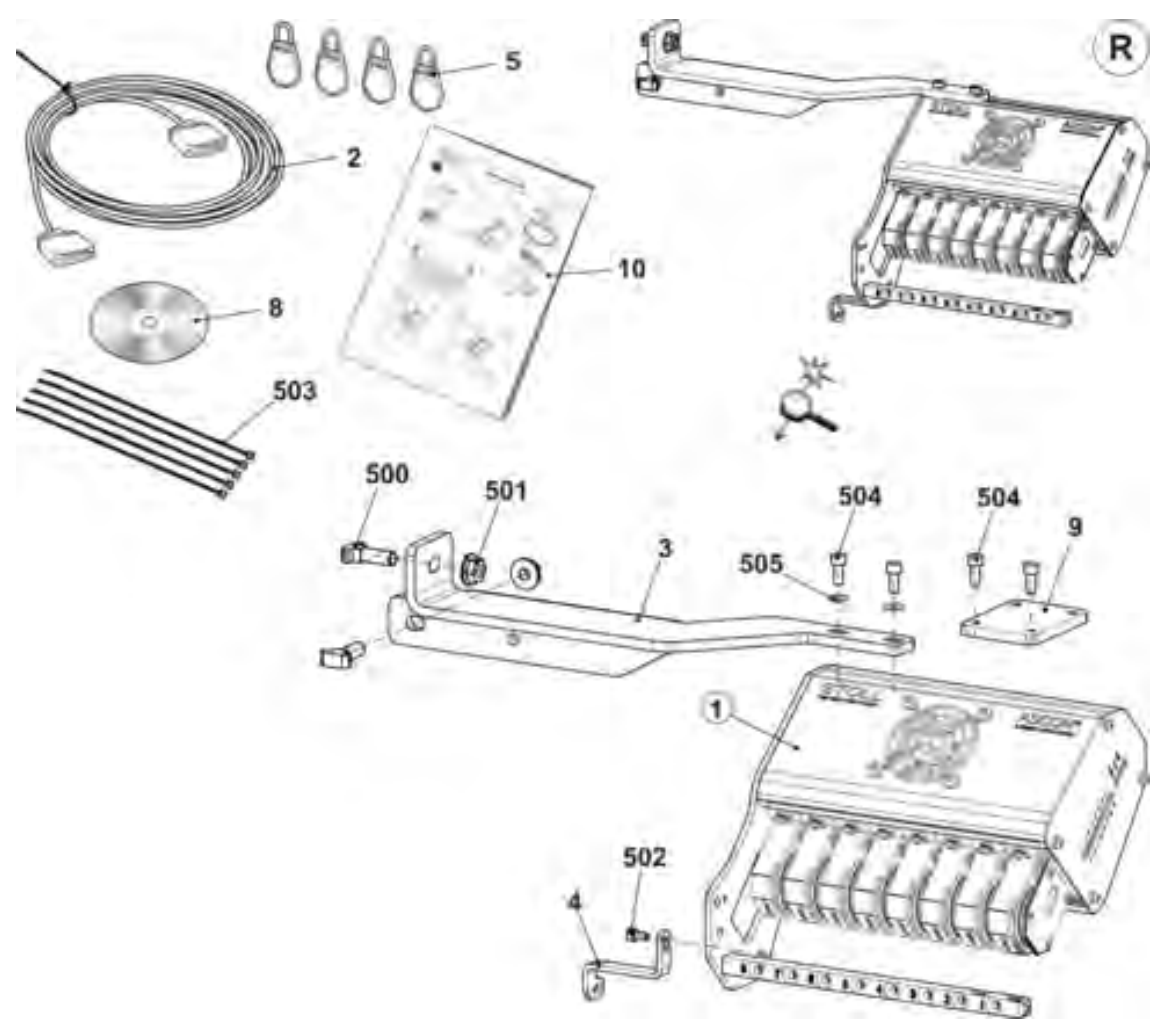
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	257 283		8	Yarn guide rod	257 139
1	Housing	257 281		9	Card Ascon	255 000
2	Support	257 278		10	Threaded strip	257 138
3	Cover	257 273		500	Pan-head screw M5x10	023 247
4	Fan with plug	257 048		501	Screw 50x15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



16.10 Yarn length measuring device on the right complete

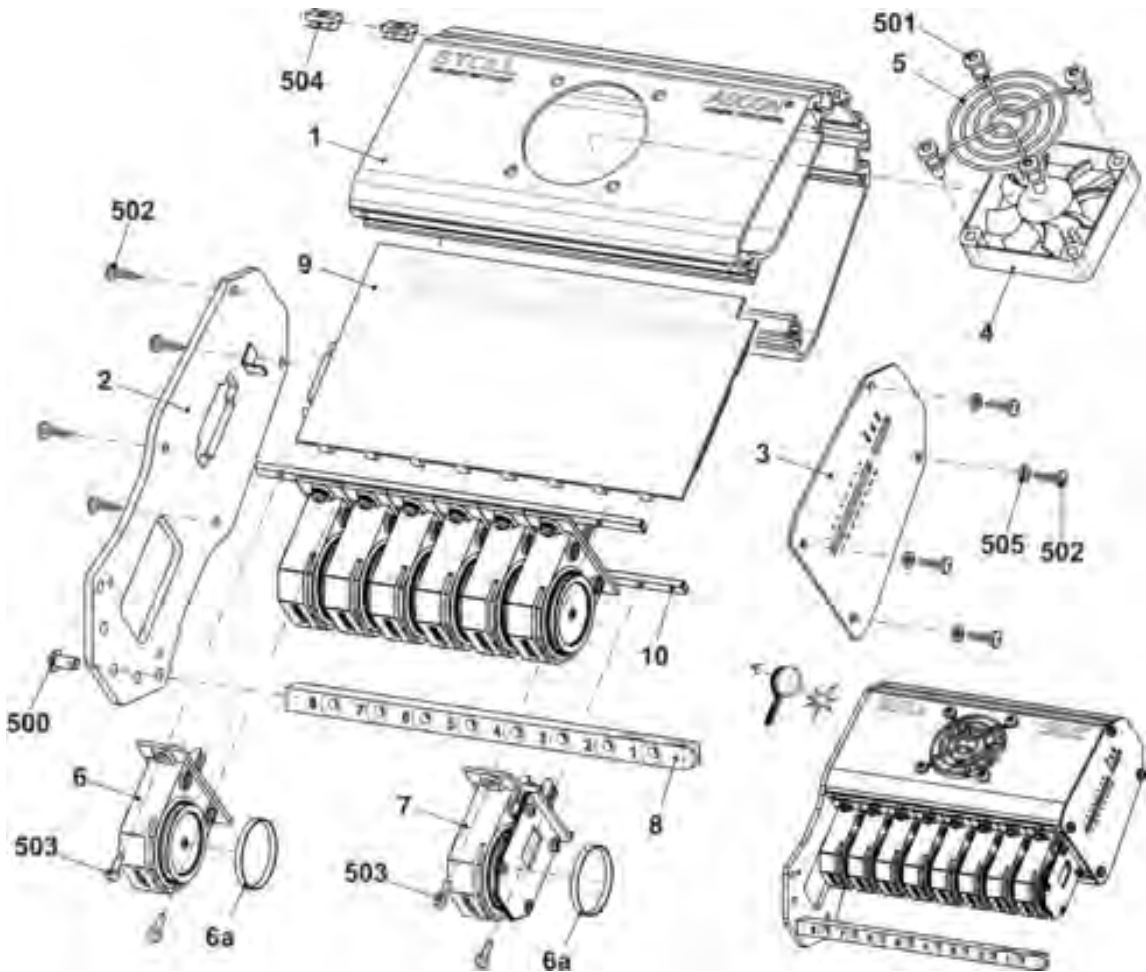
16.10 Yarn length measuring device on the right complete

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the right complete	257 599				
1	Yarn length measuring device on the right complete	257 282		6	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239		500	T-head bolt M8x25	022 866
3	Support right	257 121		501	Serrated nut M8-10	023 026
4	Connecting lug on the right	257 136		502	Cap screwM4x8	022 501
5	Adjustment weight	212 241		503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391		504	Cap screwM5x12	020 132
9	Holding plate	258 386		505	Washer5	020 871



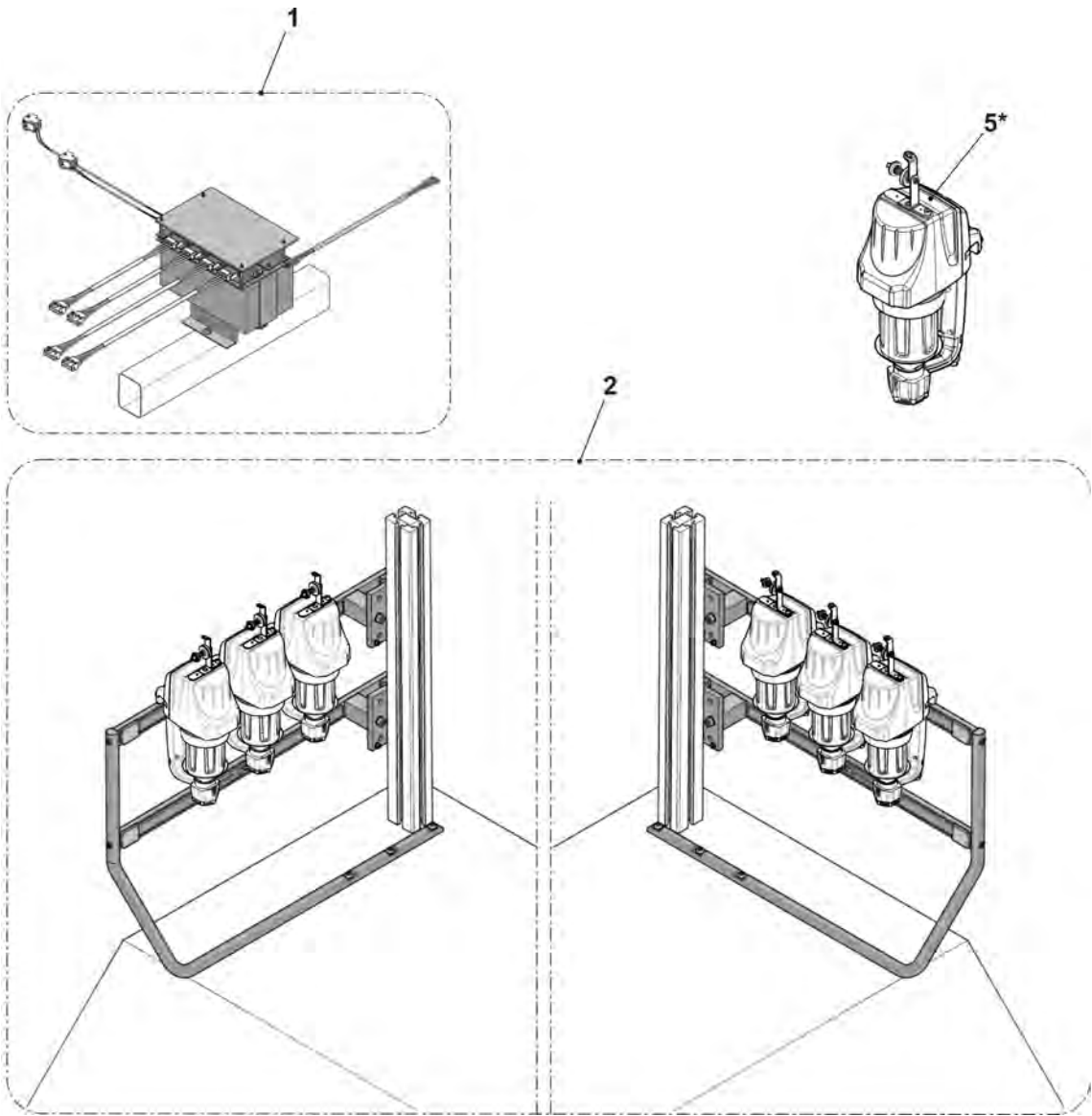
16.10.1 Yarn length measuring device on the right

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



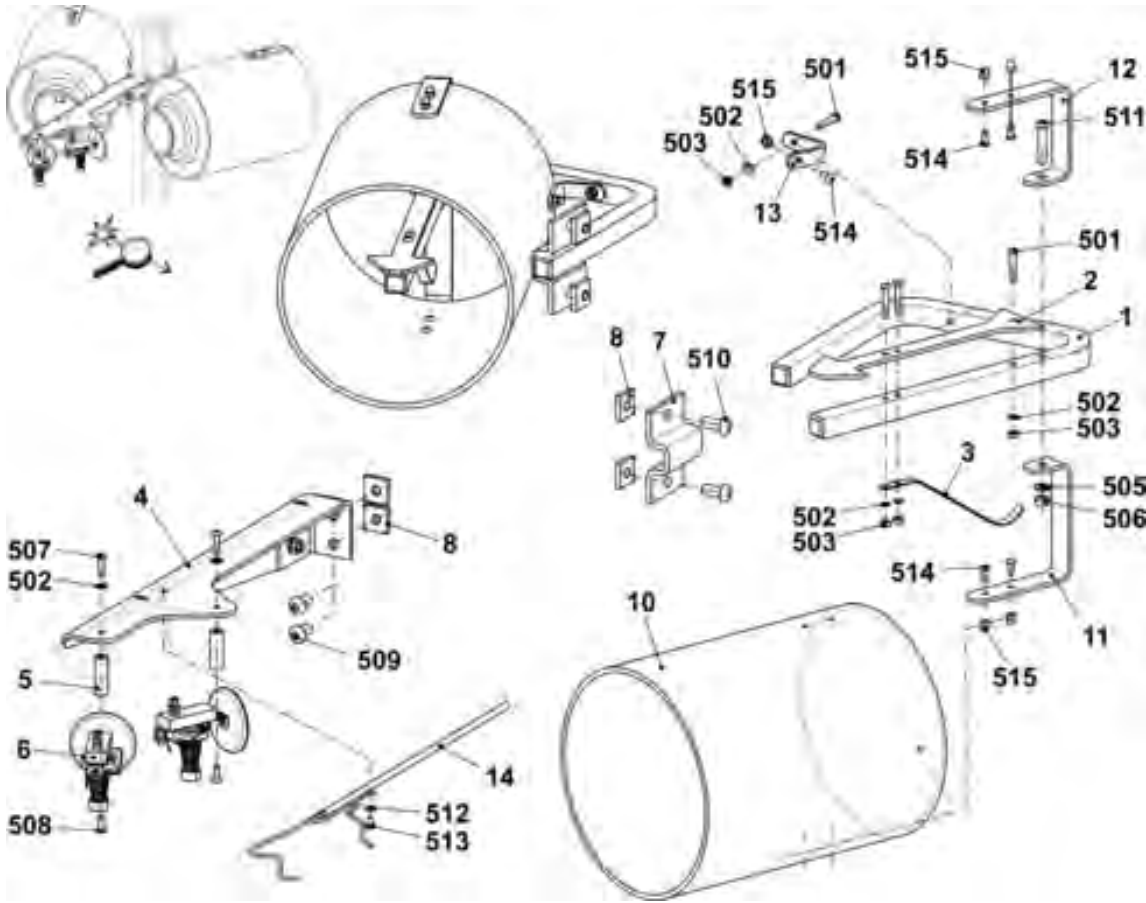
16.11 Storage feed wheel MSF 2

Pos	Designation	ID	Note
Σ	Attachment set storage feed wheel MSF-2	259 575	Please order the MSF-2 spare parts at: MEMMINGER-IRO GMBH Jakob-Mutz-Strasse 7 D-72280 Dornstetten Tel.: +49 (0)7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the MSF-2 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Transformer MSF-2 with cable	259 611	
2	Mounted set MSF-2 without transformer	259 612	
5*	Storage feed wheel MSF-2	259 604	



16.12 Bobbin holder on the left

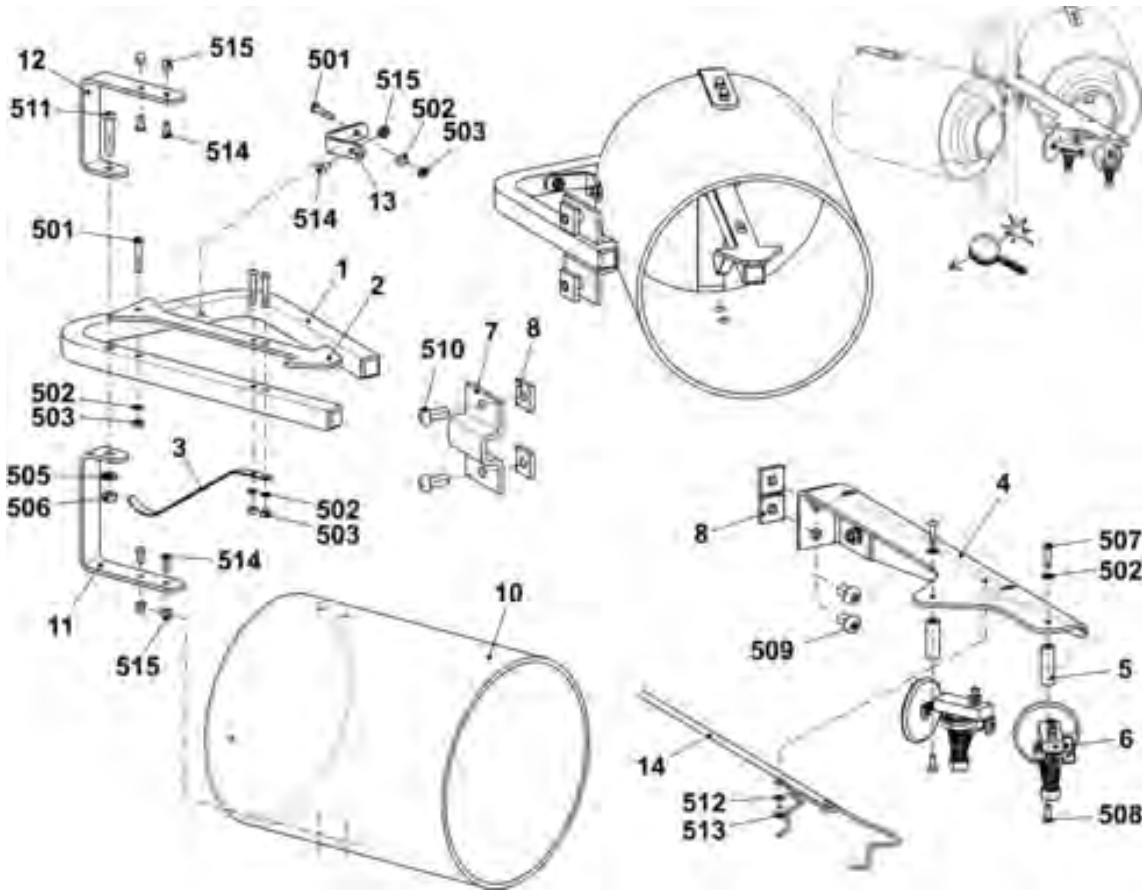
Pos	Designation	ID		Pos	Designation	ID
Σ	Bobbin holder on the left	253 965		501	Pan-head screwM4x25	023 511
1	Support	253 969		502	Washer4	022 481
2	Support	252 769		503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350		505	Washer6	022 431
4	Support on the left	253 347		506	Hexagon nut M6-6	022 899
5	Spacer	253 349		507	Pan-head screwM4x16	023 412
6	Yarn detector Massardi	226 964		508	Pan-head screw M4x12	023 062
7	Clamp	228 583		509	Pan-head screwM8x16	023 113
8	Slot nut	228 851		510	Pan-head screwM8x18	251 331
10	Cover	253 968		511	Pan-head screwM6x30	023 451
11	Holding angle	253 964		512	Serrated lock washer A4,3	022 482
12	Holding angle	253 963		513	Pan-head screwM4x6	022 946
13	Holding angle	253 967		514	Pan-head screwM4x10	023 450
14	Cable plating	253 468		515	Cap nut M4-6	253 805



16.13 Bobbin holder on the right

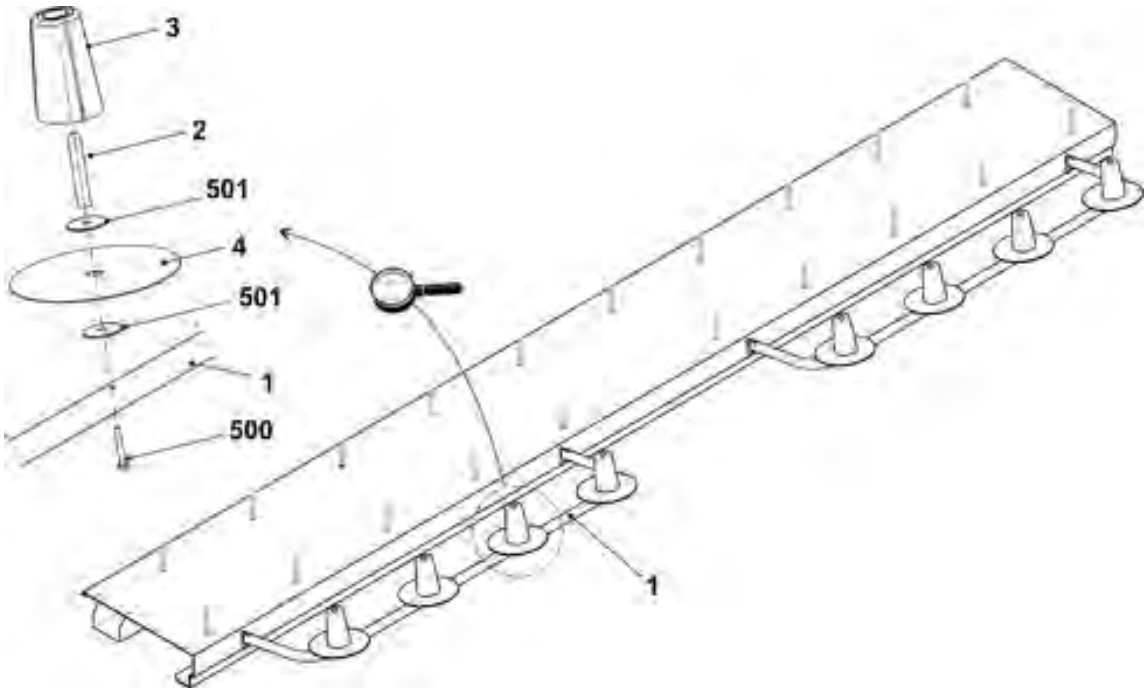
16.13 Bobbin holder on the right

Pos	Designation	ID		Pos	Designation	ID
Σ	Bobbin holder on the right	253 966		501	Pan-head screwM4x25	023 511
1	Support	253 969		502	Washer4	022 481
2	Support	252 769		503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350		505	Washer6	022 431
4	Support right	253 348		506	Hexagon nut M6-6	022 899
5	Spacer	253 349		507	Pan-head screwM4x16	023 412
6	Yarn detector Massardi	226 964		508	Pan-head screw M4x12	023 062
7	Clamp	228 583		509	Pan-head screwM8x16	023 113
8	Slot nut	228 851		510	Pan-head screwM8x18	251 331
10	Cover	253 968		511	Pan-head screwM6x30	023 451
11	Holding angle	253 964		512	Serrated lock washer A4,3	022 482
12	Holding angle	253 963		513	Pan-head screwM4x6	022 946
13	Holding angle	253 967		514	Pan-head screwM4x10	023 450
14	Cable plating	253 468		515	Cap nut M4-6	253 805



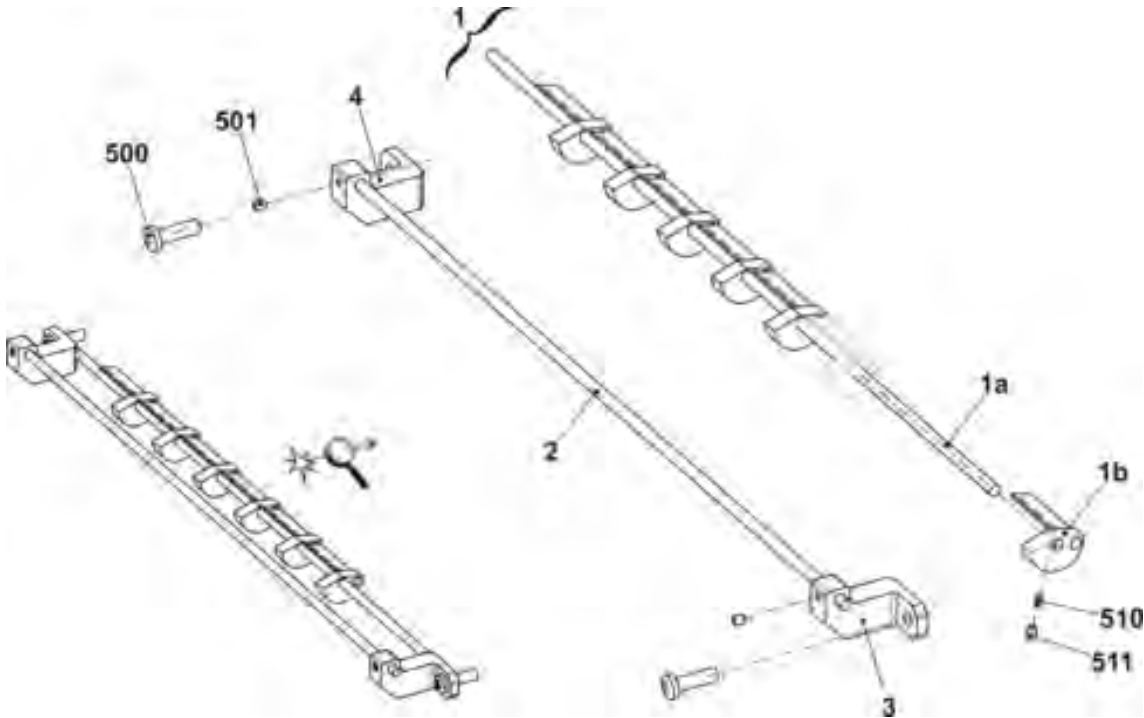
16.14 Additional bobbin board

Pos	Designation	Id		Pos	Designation	Id
Σ	Additional bobbin board	241 852				
1	Additional bobbin board welded	241 851		4	DiskD=130	062 385
2	Positioning pin	202 777		500	Pan-head screw M4x30	023 681
3	Bobbin support	200 363		501	Washer5,3x30x1,25	023 556



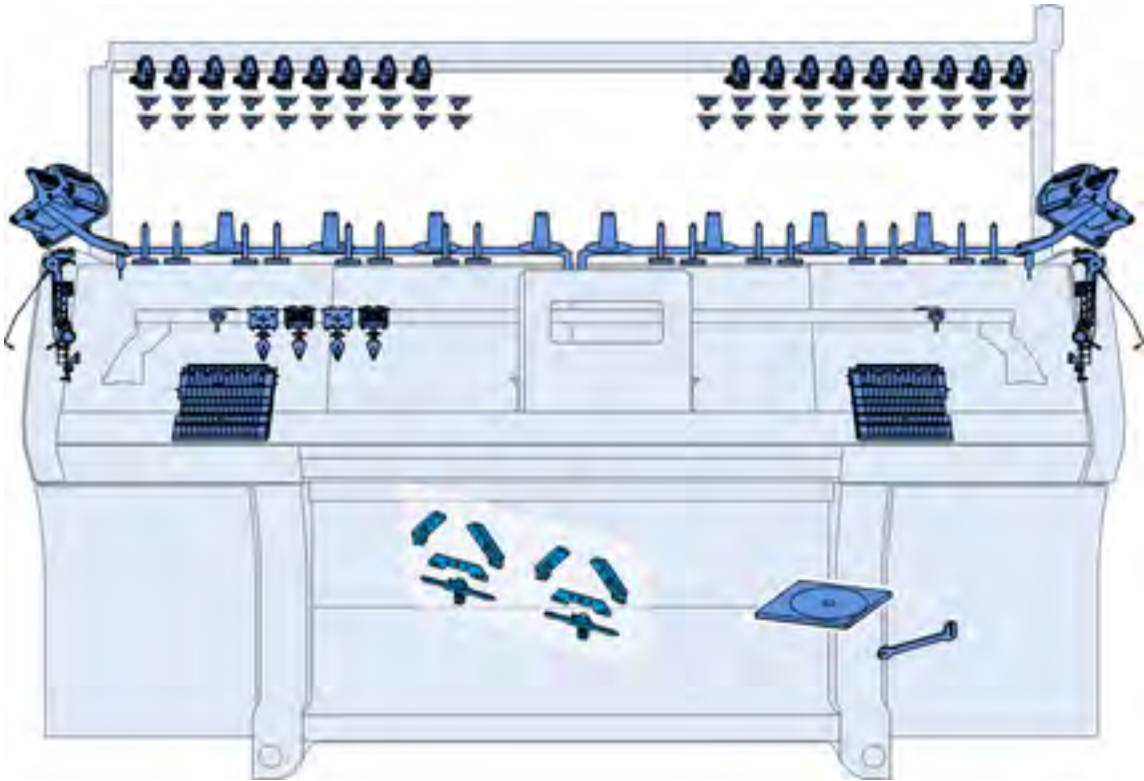
16.15 Sanding Paper Brake

Pos	Designation		ID		Pos	Designation		ID
Σ	Conversion kit sanding paper brake		257 674					
1	Shaft complete		257 509		2	Wave		241 318
	1a	Wave	241 318		3	Support sanding paper brake		257 586
	1b	Adjusting part	257 508		4	Support sanding paper brake on the left		257 626
	510	Compression spring0,32x2,51x14,20	237444		500	Screw KB 60x20		237 682
	511	SetscrewM4x6	022 955		501	SetscrewM4x5		023 088



17 Conversion kit with 24 and 32 IFF Type 2

	Designation	ID
24 IFF:	Conversion kit 24 IFF Type 2 E10 E12 E14	257 607
	Conversion kit 24 IFF Type 2 E16 E18	257 611
	Conversion kit 24 IFF Type 2 E6.2	257 608
	Conversion kit 24 IFF Type 2 E7.2 E6.2(12m.10)	257 609
	Conversion kit 24 IFF Type 2 E8.2	257 613
32 IFF:	Conversion kit 32 IFF Typ2 E10 E12 E14	257 543
	Conversion kit 32 IFF Type2 E16 E18	257 544
	Conversion kit 32 IFF Type 2 E6.2	257 545
	Conversion kit 32 IFF Type 2 E7.2 E6.2(12m.10)	256 546
	Conversion kit 32 IFF Typ2 E8.2	257 547

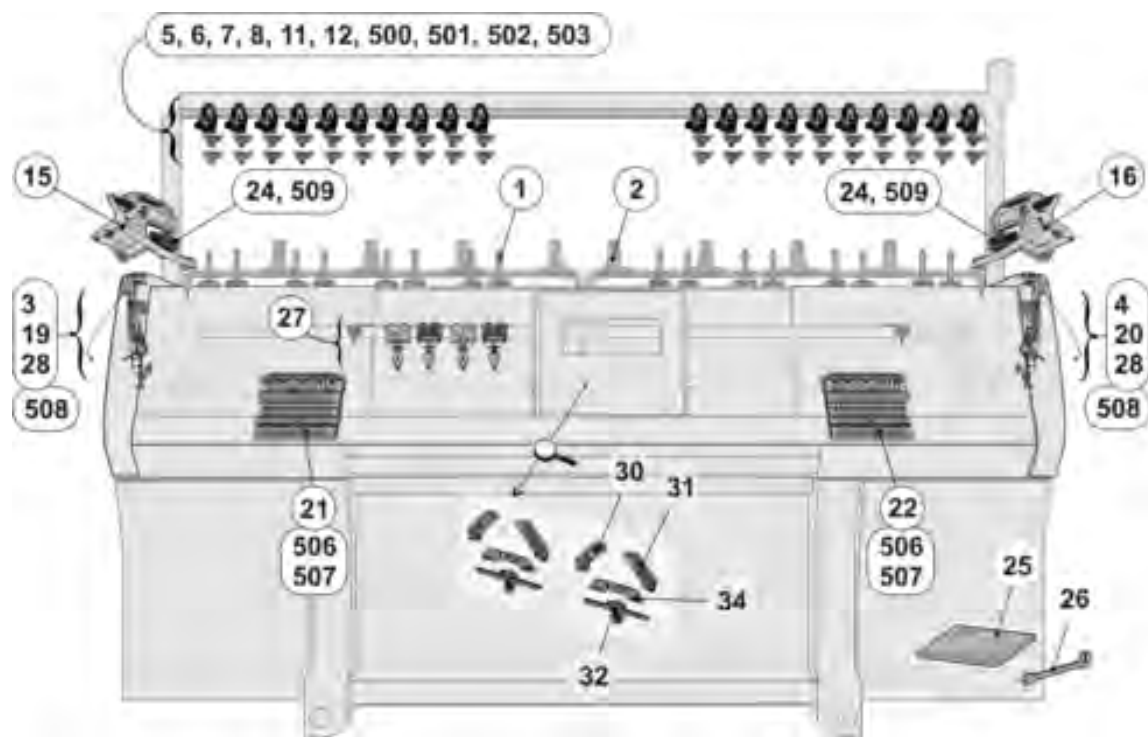


17.1 Overview of conversion kit with 24 IFF E10 |E12|E14|E16|E18

17.1 Overview of conversion kit with 24 IFF E10
|E12|E14|E16|E18

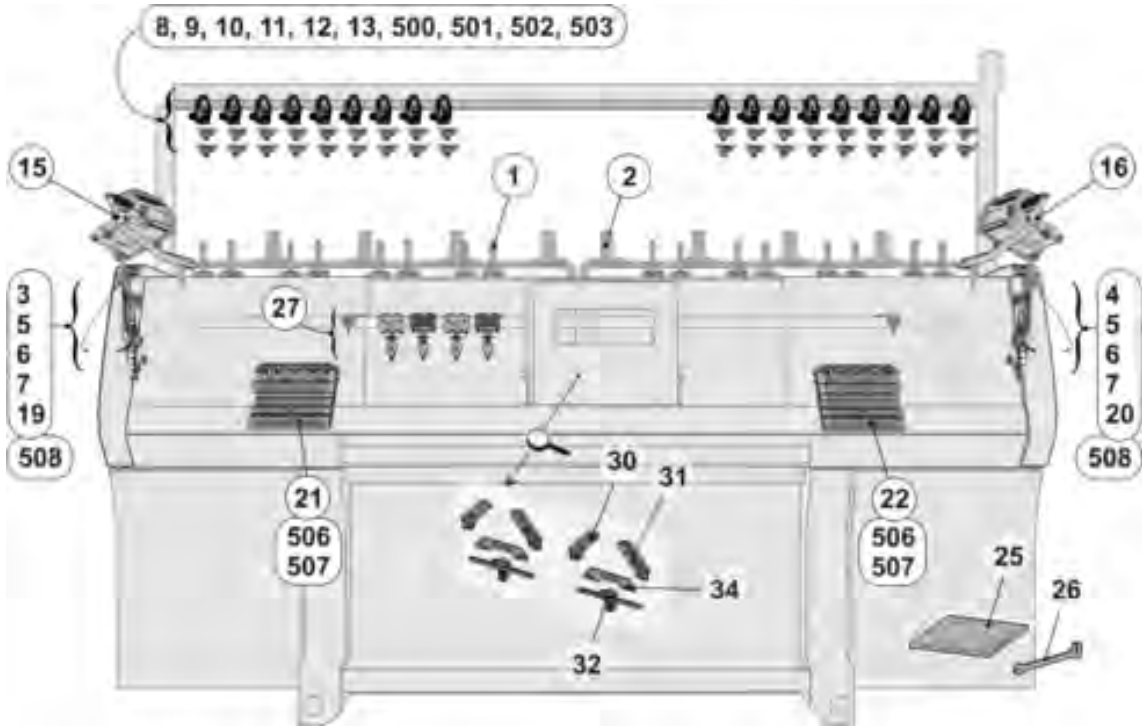
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2					
	E10 E12 E14	257 607		24	Stopping device 16-fold complete	259 455
	E16 E18	257 611		25	DVD instructions conversion kit IFF	245 169
1	Magnetic holder complete	229 373		26	Adjusting part for yarn carrier bow	250 119
2	Additional bobbin board 50" IFF complete	244 424		27	Yarn guide complete E10-14 IFF 24	256 936
3	Yarn tensioner on the left complete E10-18	258 461			Yarn guide complete E16-18 IFF 24	256 937
4	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324		30	Stitch cam on the left short tuck E10-14+7.2	255 428
6	Support on the left	243 602			Stitch cam on the left short tuck E16-18+8.2	255 547
7	Support on the right	243 603		31	Stitch cam on the right short tuck E10-14+7.2	255 429
8	Support	239 295			Stitch cam on the right short tuck E16-18+8.2	255 548
11	Yarn control device	237 124		32	Pressure part short tuck	255 430
12	Yarn guide bracket complete	241 581		34	Raising cam plate	256 491
15	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
16	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
19	Deflector on the left complete	259 573		502	Square nut M8	023 269
20	Deflector on the right complete	259 570		503	Pan-head screwM8x16	023 113
21	Left clamping and cutting bed E10-14	253 682		506	Dowel pin 6x16	020 677
	Left clamping and cutting bed E16-18 E8.2	253 684		507	Screw M6x20	244 824
22	Clamping and cutting bed on the right E10-14	253 681		508	Screw KB60x20	237 682
	Clamping and cutting bed on the right E16-18 E8.2	253 683		509	Pan-head screwM5x10	023 247

17.1 Overview of conversion kit with 24 IFF E10 | E12 | E14 | E16 | E18



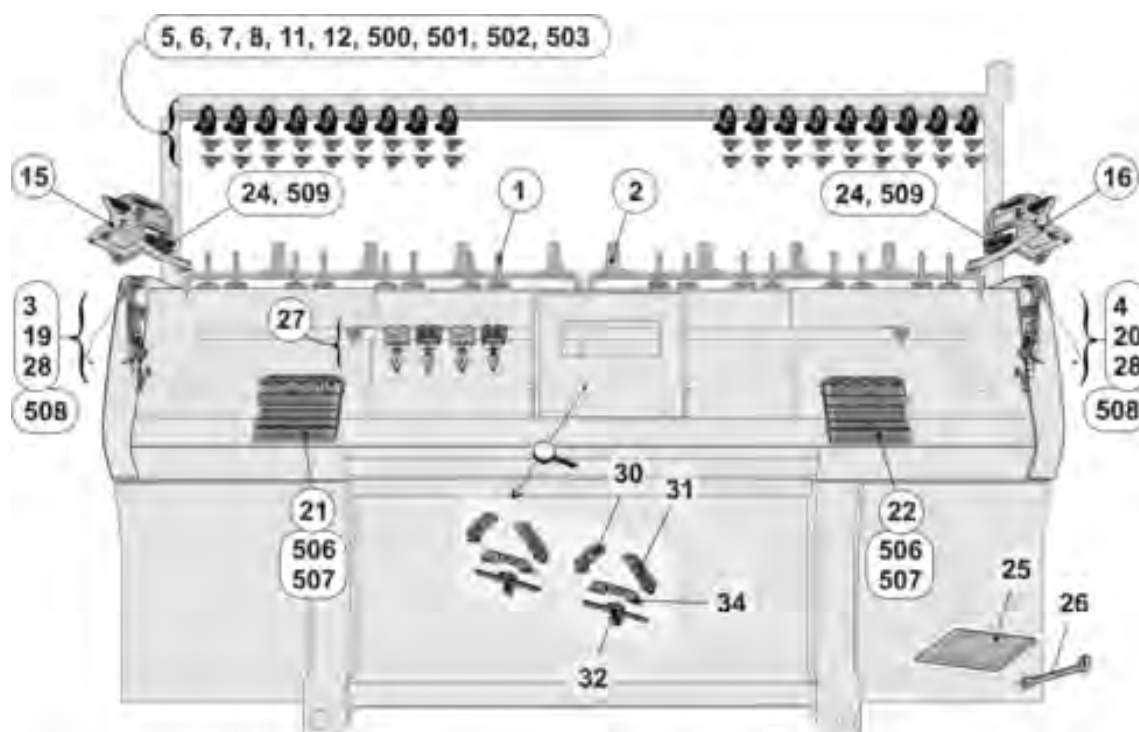
17.2 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2E6.2	257 608		20	Deflector on the right complete	259 570
1	Magnetic holder complete	229 373		21	Left clamping and cutting bed E10-14	253 682
2	Additional bobbin board 50" IFF complete	244 424		22	Clamping and cutting bed on the right E10-14	253 681
3	Yarn tensioner on the left complete E7-8	244 499		25	DVD instructions conversion kit IFF	245 169
4	Yarn tensioner on the right complete E7-8	244 502		26	Adjusting part for yarn carrier bow	250 119
5	Yarn brake complete	244 347		27	Yarn guide complete E7-8 IFF 24	256 935
6	Clamping bow	244 409		30	Stitch cam on the left short tuck E6.2	255 551
7	Ceramic eyelet	240 640		31	Stitch cam on the right short tuck E6.2	255 552
8	Yarn guide bar50"	240 324		32	Pressure part short tuck E6.2	255 430
9	Support on the left	243 602		34	Raising cam plate	256 491
10	Support on the right	243 603		500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124		501	Serrated nut M6-10	023 414
12	Yarn guide bracket complete	241 581		502	Square nut M8	023 269
13	Support	239 295		503	Pan-head screwM8x16	023 113
15	Friction feed wheel 16 fold on the left complete	244 991		506	Dowel pin 6x16	020 677
16	Friction feed wheel 16 fold on the right complete	244 992		507	Screw M6x20	244 824
19	Deflector on the left complete	259 573		508	Screw KB60x20	237 682



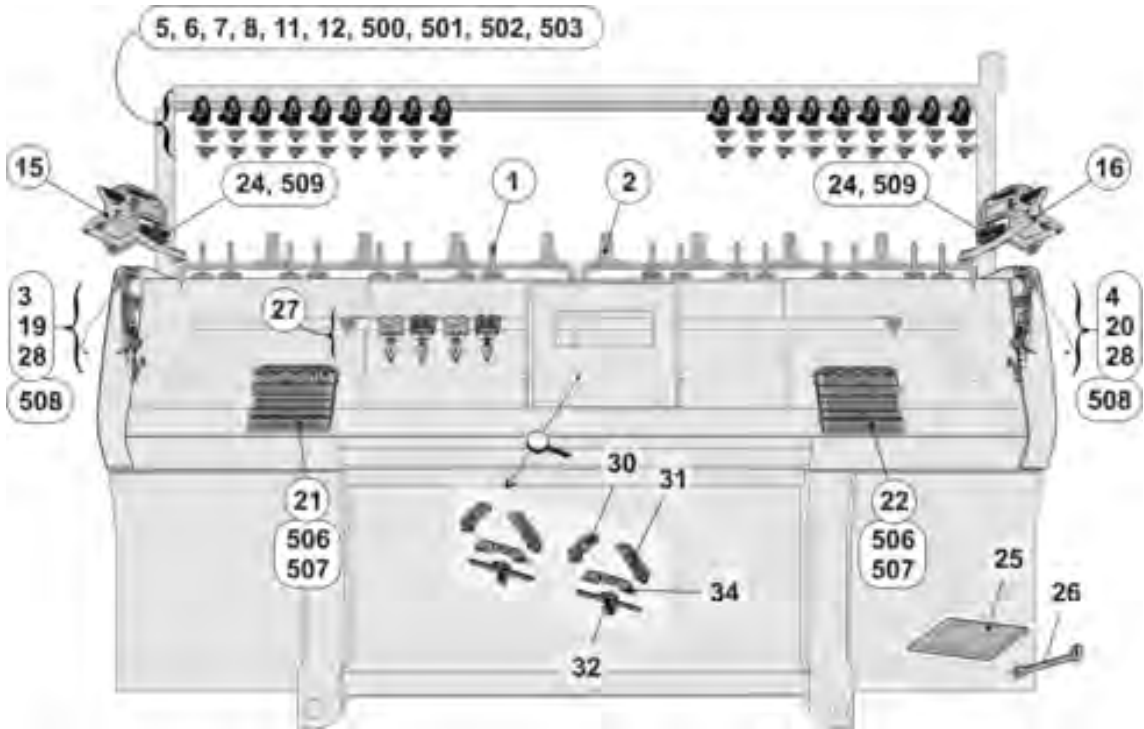
17.3 Overview of conversion kit with 24 IFF E7.2 | E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E7.2	257 609		24	Stopping device 16-fold complete	259 455
1	Magnetic holder complete	229 373		25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424		26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	258 461		27	Yarn guide complete E10-14 IFF 24	256 936
4	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324		30	Stitch cam on the left short tuck E10-14+7.2	255 428
6	Support on the left	243 602		31	Stitch cam on the right short tuck E10-14+7.2	255 429
7	Support on the right	243 603		32	Pressure part short tuck	255 430
8	Support	239 295		34	Raising cam plate	256 491
11	Yarn control device	237 124		500	Self-locking screw M6x12	023 415
12	Yarn guide bracket complete	241 581		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the left complete	244 991		502	Square nut M8	023 269
16	Friction feed wheel 16 fold on the right complete	244 992		503	Pan-head screwM8x16	023 113
19	Deflector on the left complete	259 573		506	Dowel pin 6x16	020 677
20	Deflector on the right complete	259 570		507	Screw M6x20	244 824
21	Left clamping and cutting bed E10-14	253 682		508	Screw KB60x20	237 682
22	Clamping and cutting bed on the right E10-14	253 681		509	Pan-head screwM5x10	023 247



17.4 Overview of conversion kit with 24 IFF E8.2

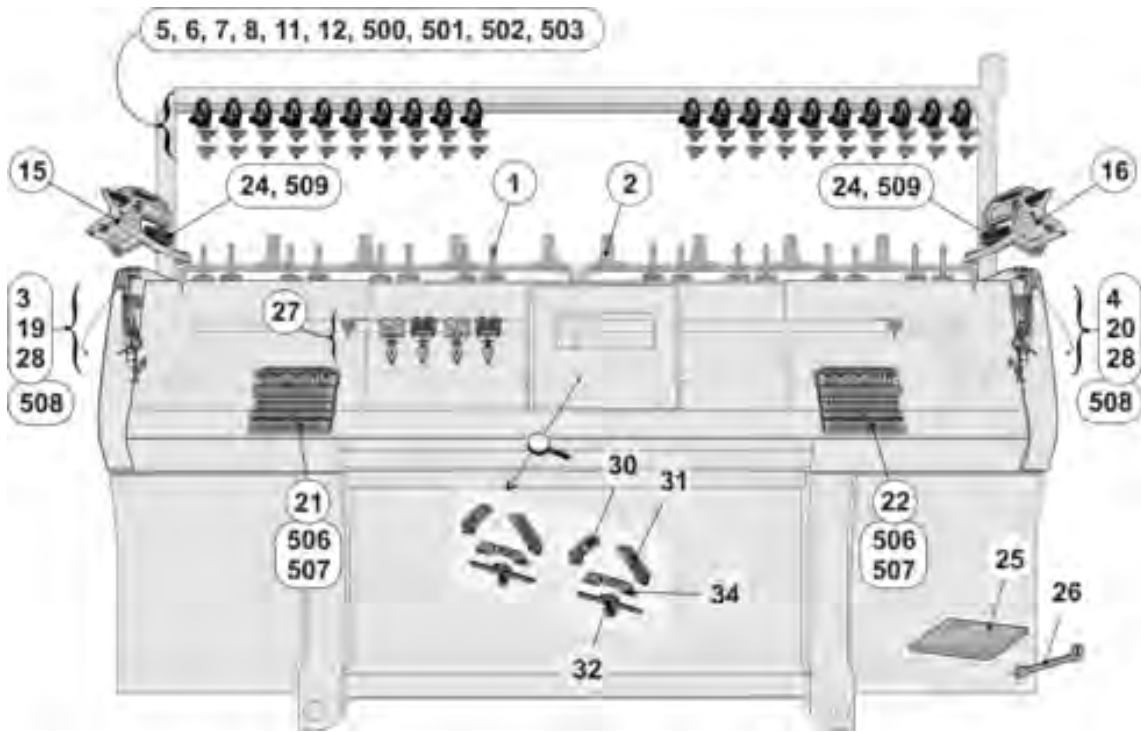
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2E8.2	257 613		24	Stopping device 16-fold complete	259 455
1	Magnetic holder complete	229 373		25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424		26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	258 461		27	Yarn guide complete E10-14 IFF 24	256 936
4	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324		30	Stitch cam on the left short tuck E16-18+8.2	255 547
6	Support on the left	243 602		31	Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support on the right	243 603		32	Pressure part short tuck	255 430
8	Support	239 295		34	Raising cam plate	256 491
11	Yarn control device	237 124		500	Self-locking screw M6x12	023 415
12	Yarn guide bracket complete	241 581		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the left complete	244 991		502	Square nut M8	023 269
16	Friction feed wheel 16 fold on the right complete	244 992		503	Pan-head screwM8x16	023 113
19	Deflector on the left complete	259 573		506	Dowel pin 6x16	020 677
20	Deflector on the right complete	259 570		507	Screw M6x20	244 824
21	Left clamping and cutting bed E16-18	253 684		508	Screw KB60x20	237 682
22	Clamping and cutting bed on the right E16-18	253 683		509	Pan-head screwM5x10	023 247



17.5 Overview of conversion kit with 32 IFF E10
|E12|E14|E16|E18

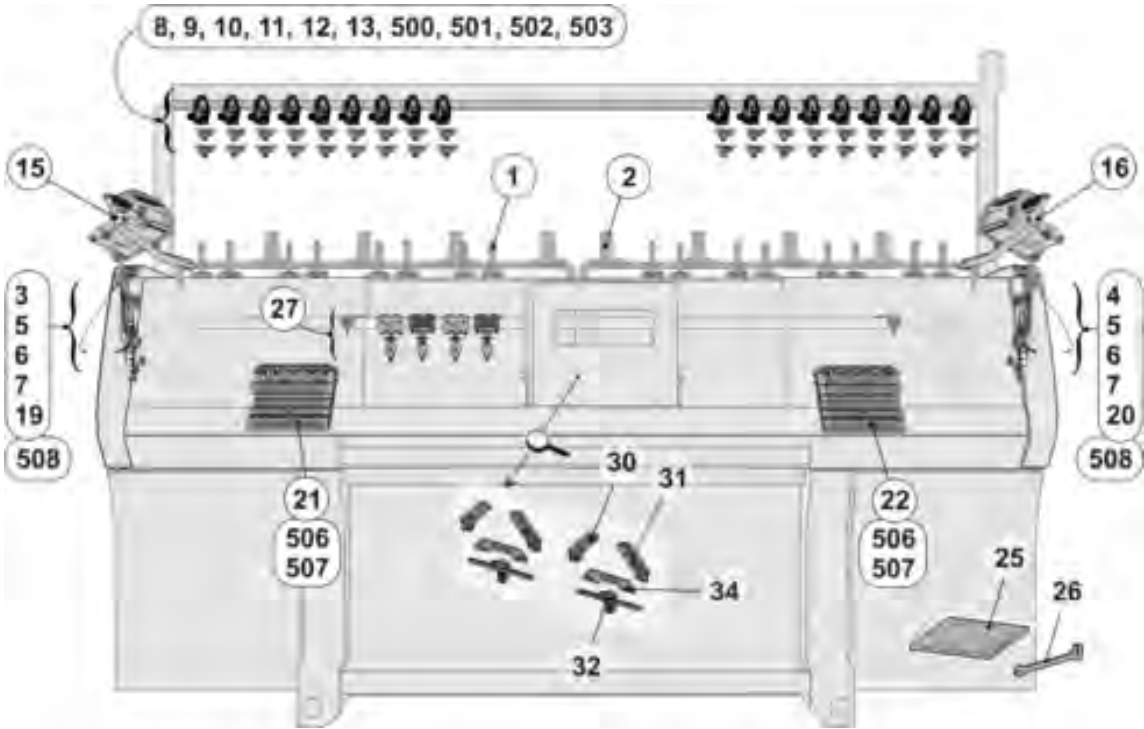
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2					
	E10 E12 E14	257 543		24	Stopping device 16-fold complete	259 455
	E16 E18	257 544		25	DVD instructions conversion kit IFF	245 169
1	Magnetic holder complete	229 373		26	Adjusting part for yarn carrier bow	250 119
2	Additional bobbin board 50" IFF complete	244 424		27	Yarn guide complete E10-14 IFF (32)	245 163
3	Yarn tensioner on the left complete E10-18	258 461			Yarn guide complete E16-18 IFF (32)	245 164
4	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324		30	Stitch cam on the left short tuck E10-14+7.2	255 428
6	Support on the left	243 602			Stitch cam on the left short tuck E16-18+8.2	255 547
7	Support on the right	243 603		31	Stitch cam on the right short tuck E10-14+7.2	255 429
8	Support	239 295			Stitch cam on the right short tuck E16-18+8.2	255 548
11	Yarn control device	237 124		32	Pressure part short tuck	255 430
12	Yarn guide bracket complete	241 581		34	Raising cam plate	256 491
15	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
16	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
19	Deflector on the left complete	259 573		502	Square nut M8	023 269
20	Deflector on the right complete	259 570		503	Pan-head screwM8x16	023 113
21	Left clamping and cutting bed E10-14	253 682		506	Dowel pin 6x16	020 677
	Left clamping and cutting bed E16-18 E8.2	253 684		507	Screw M6x20	244 824
22	Clamping and cutting bed on the right E10-14	253 681		508	Screw KB60x20	237 682
	Clamping and cutting bed on the right E16-18 E8.2	253 683		509	Pan-head screwM5x10	023 247

17.5 Overview of conversion kit with 32 IFF E10 | E12 | E14 | E16 | E18



17.6 Overview of conversion kit with 24 IFF E6.2

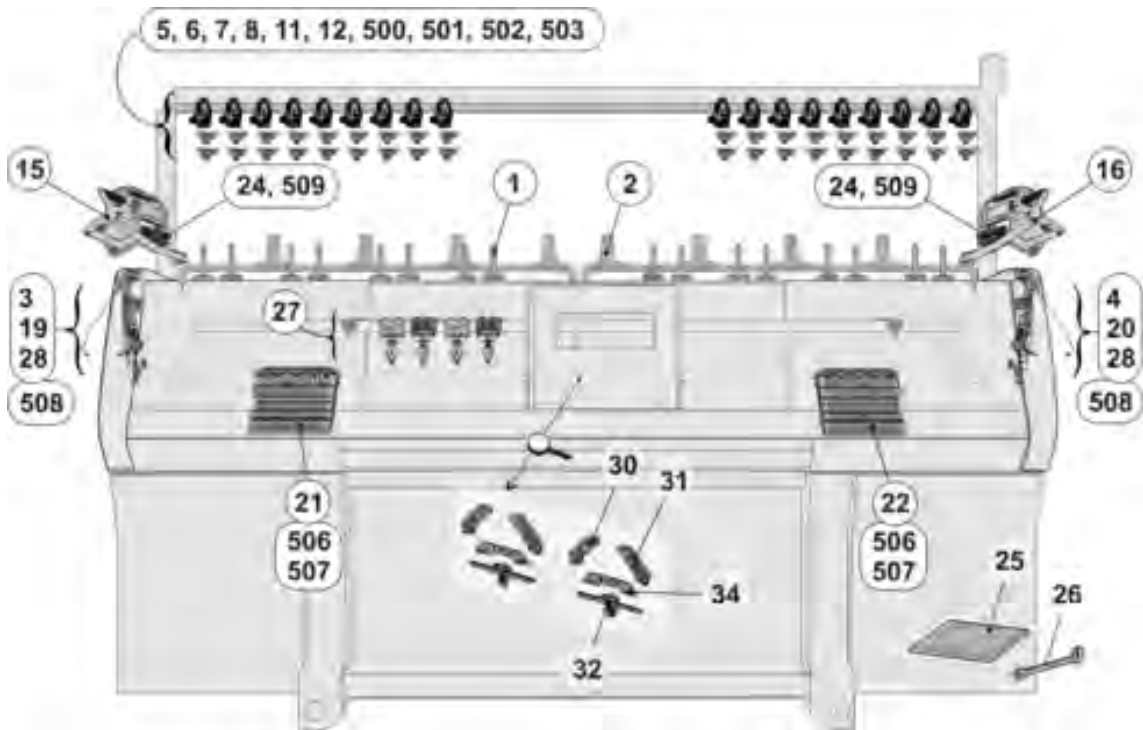
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF Type 2E6.2	257 545		20	Deflector on the right complete	259 570
1	Magnetic holder complete	229 373		21	Left clamping and cutting bed E10-14	253 682
2	Additional bobbin board 50" IFF complete	244 424		22	Clamping and cutting bed on the right E10-14	253 681
3	Yarn tensioner on the left complete E7-8	244 499		25	DVD instructions conversion kit IFF	245 169
4	Yarn tensioner on the right complete E7-8	244 502		26	Adjusting part for yarn carrier bow	250 119
5	Yarn brake complete	244 347		27	Yarn guide complete E7-8 IFF	245 162
6	Clamping bow	244 409		30	Stitch cam on the left short tuck E6.2	255 551
7	Ceramic eyelet	240 640		31	Stitch cam on the right short tuck E6.2	255 552
8	Yarn guide bar50"	240 324		32	Pressure part short tuck E6.2	255 430
9	Support on the left	243 602		34	Raising cam plate	256 491
10	Support on the right	243 603		500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124		501	Serrated nut M6-10	023 414
12	Yarn guide bracket complete	241 581		502	Square nut M8	023 269
13	Support	239 295		503	Pan-head screwM8x16	023 113
15	Friction feed wheel 16 fold on the left complete	244 991		506	Dowel pin 6x16	020 677
16	Friction feed wheel 16 fold on the right complete	244 992		507	Screw M6x20	244 824
19	Deflector on the left complete	259 573		508	Screw KB60x20	237 682



17.7 Overview of conversion kit with 32 IFF E7.2|E6.2(12m.10)

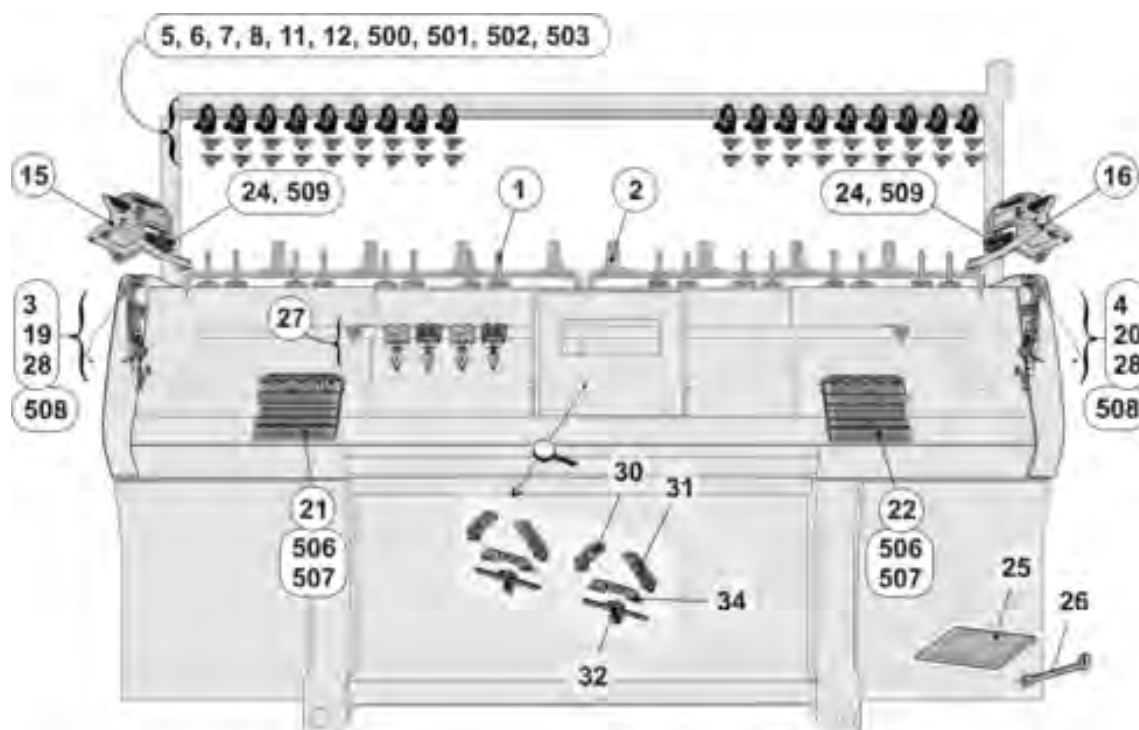
17.7 Overview of conversion kit with 32 IFF
E7.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF Type 2 E7.2	257 546		24	Stopping device 16-fold complete	259 455
1	Magnetic holder complete	229 373		25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424		26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	244 500		27	Yarn guide complete E10-14 IFF	245 163
4	Yarn tensioner on the right complete E10-18	244 503		28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324		30	Stitch cam on the left short tuck E10-14+7.2	255 428
6	Support on the left	243 602		31	Stitch cam on the right short tuck E10-14+7.2	255 429
7	Support on the right	243 603		32	Pressure part short tuck	255 430
8	Support	239 295		34	Raising cam plate	256 491
11	Yarn control device	237 124		500	Self-locking screw M6x12	023 415
12	Yarn guide bracket complete	241 581		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the left complete	244 991		502	Square nut M8	023 269
16	Friction feed wheel 16 fold on the right complete	244 992		503	Pan-head screwM8x16	023 113
19	Deflector on the left complete	259 573		506	Dowel pin 6x16	020 677
20	Deflector on the right complete	259 570		507	Screw M6x20	244 824
21	Left clamping and cutting bed E10-14	253 682		508	Screw KB60x20	237 682
22	Clamping and cutting bed on the right E10-14	253 681		509	Pan-head screwM5x10	023 247



17.8 Overview of conversion kit with 32 IFF E8.2

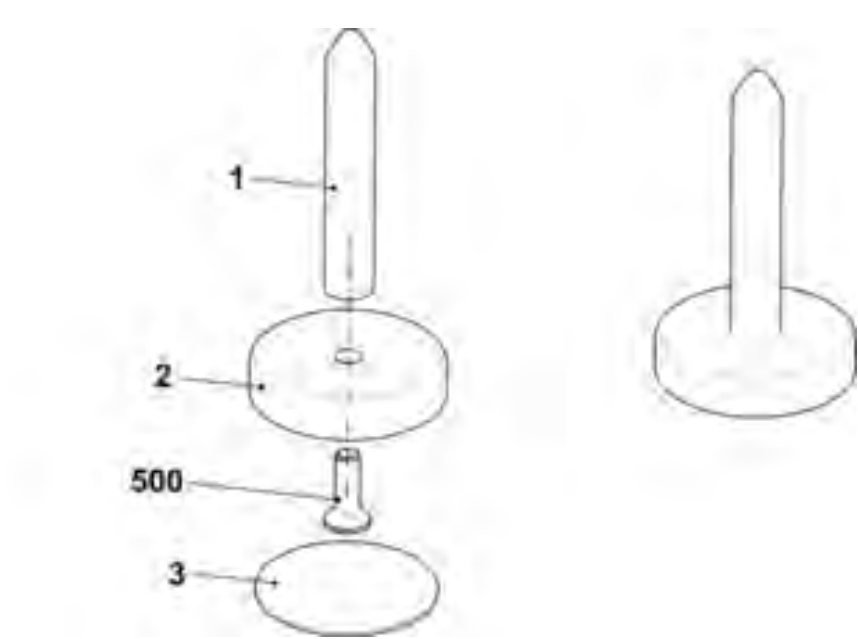
Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFF Type 2E8.2	257 547	24	Stopping device 16-fold complete	259 455
1	Magnetic holder complete	229 373	25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424	26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	244 500	27	Yarn guide complete E10-14 IFF	245 163
4	Yarn tensioner on the right complete E10-18	244 503	28	Ceramic eyelet	240 640
5	Yarn guide bar50"	240 324	30	Stitch cam on the left short tuck E16-18+8.2	255 547
6	Support on the left	243 602	31	Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support on the right	243 603	32	Pressure part short tuck	255 430
8	Support	239 295	34	Raising cam plate	256 491
11	Yarn control device	237 124	500	Self-locking screw M6x12	023 415
12	Yarn guide bracket complete	241 581	501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the left complete	244 991	502	Square nut M8	023 269
16	Friction feed wheel 16 fold on the right complete	244 992	503	Pan-head screwM8x16	023 113
19	Deflector on the left complete	259 573	506	Dowel pin 6x16	020 677
20	Deflector on the right complete	259 570	507	Screw M6x20	244 824
21	Left clamping and cutting bed E16-18	253 684	508	Screw KB60x20	237 682
22	Clamping and cutting bed on the right E16-18	253 683	509	Pan-head screwM5x10	023 247



17.9 Magnet holder

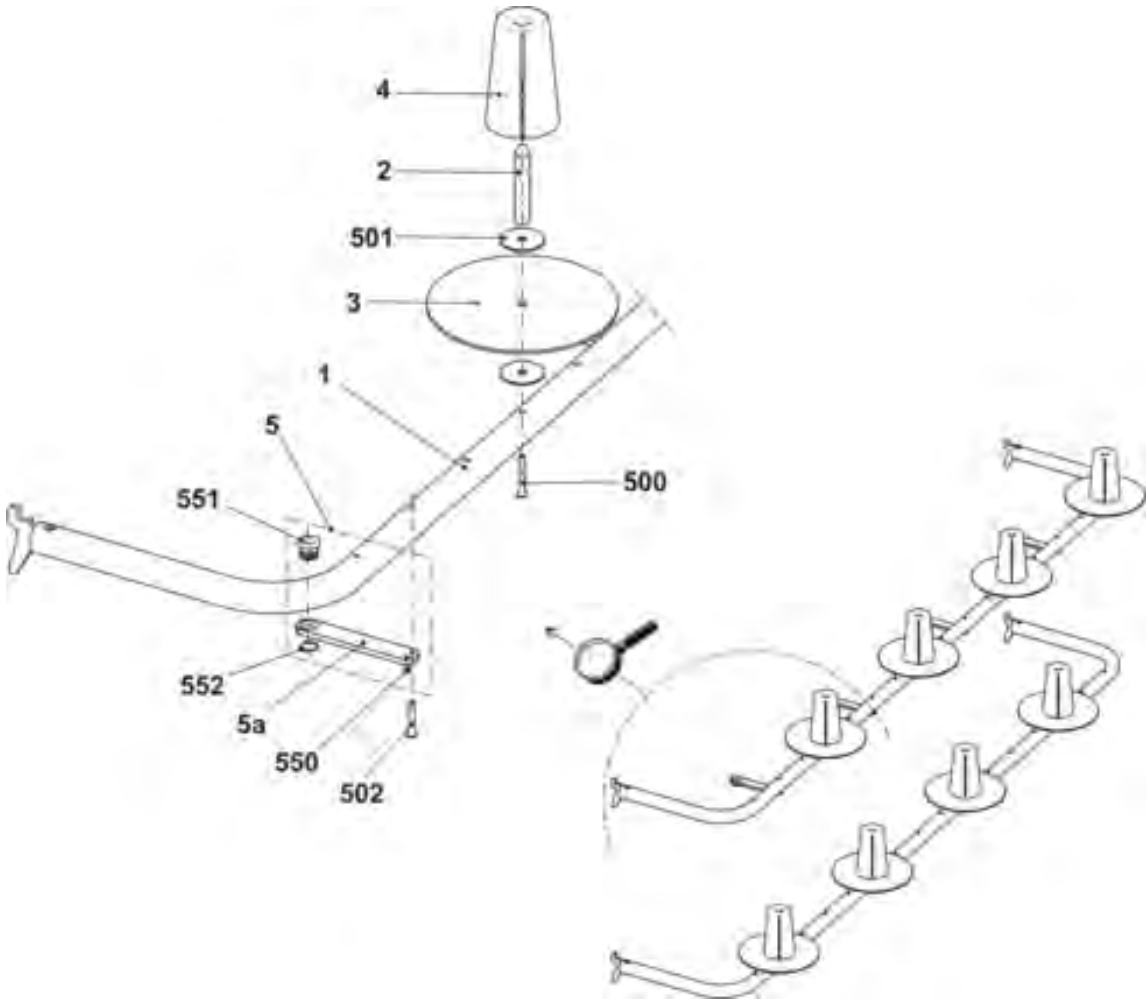
17.9 Magnet holder

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



17.10 Additional bobbin board (top, bottom)

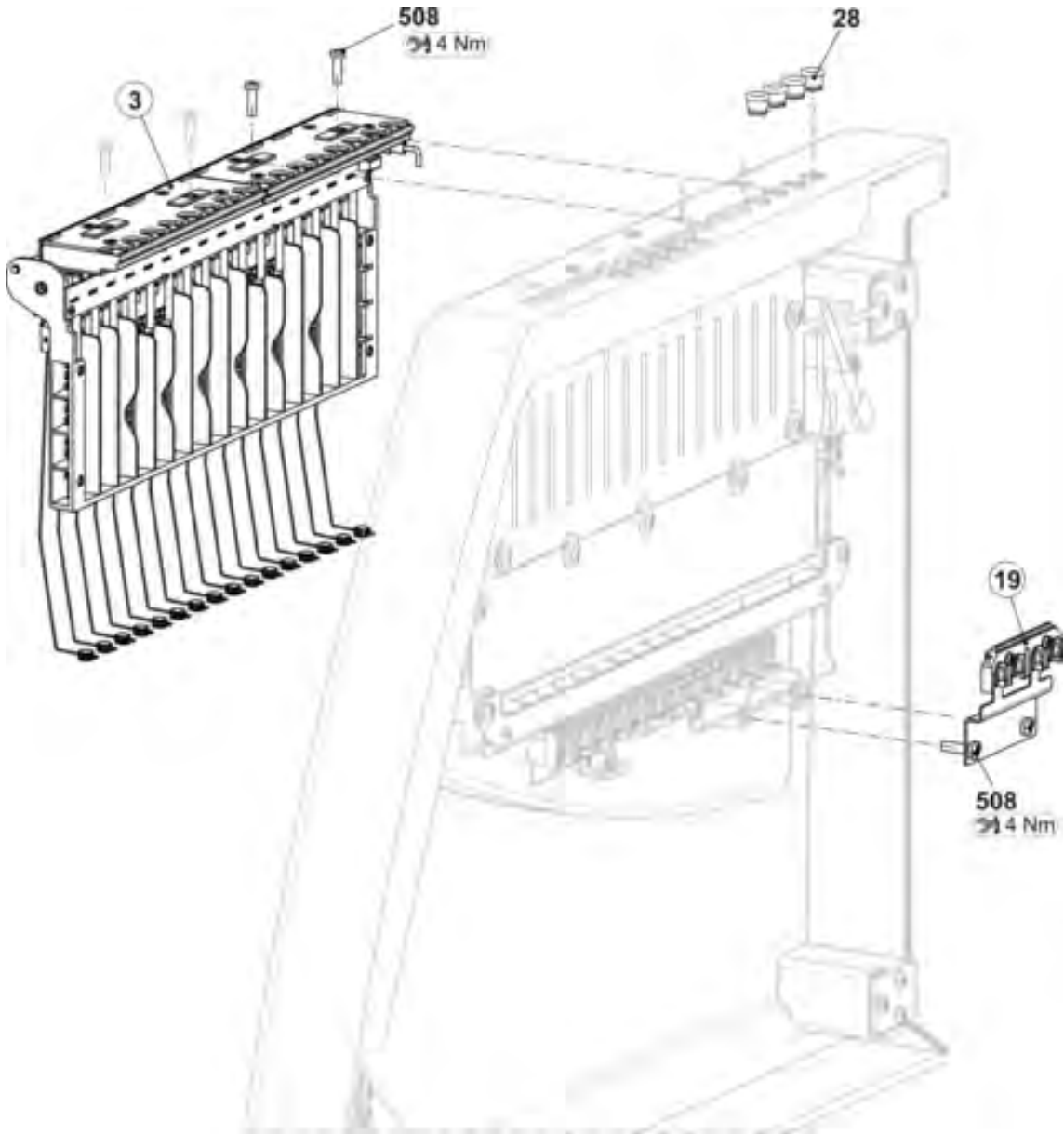
Pos	Designation		ID		Pos	Designation		ID
Σ	Additional bobbin board 50'' IFF complete		244 424					
1	Additional bobbin board welded		243 608		5	550	Dowel pin 3x12	020 647
2	Positioning pin		202 777			551	Eyelet	021 504
3	DiskD=130		062 385			552	Snap ring A12	020 996
4	Bobbin support		200 363		500	Pan-head screwM4x30		023 681
5	Yarn guide		243 765		501	Washer5,3x30x1,25		023 556
	5a	Guide part	243 623		502	Pan-head screwM4x25		023 511



17.11 Parts for the safety door on the left E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

17.11 Parts for the safety door on the left
E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

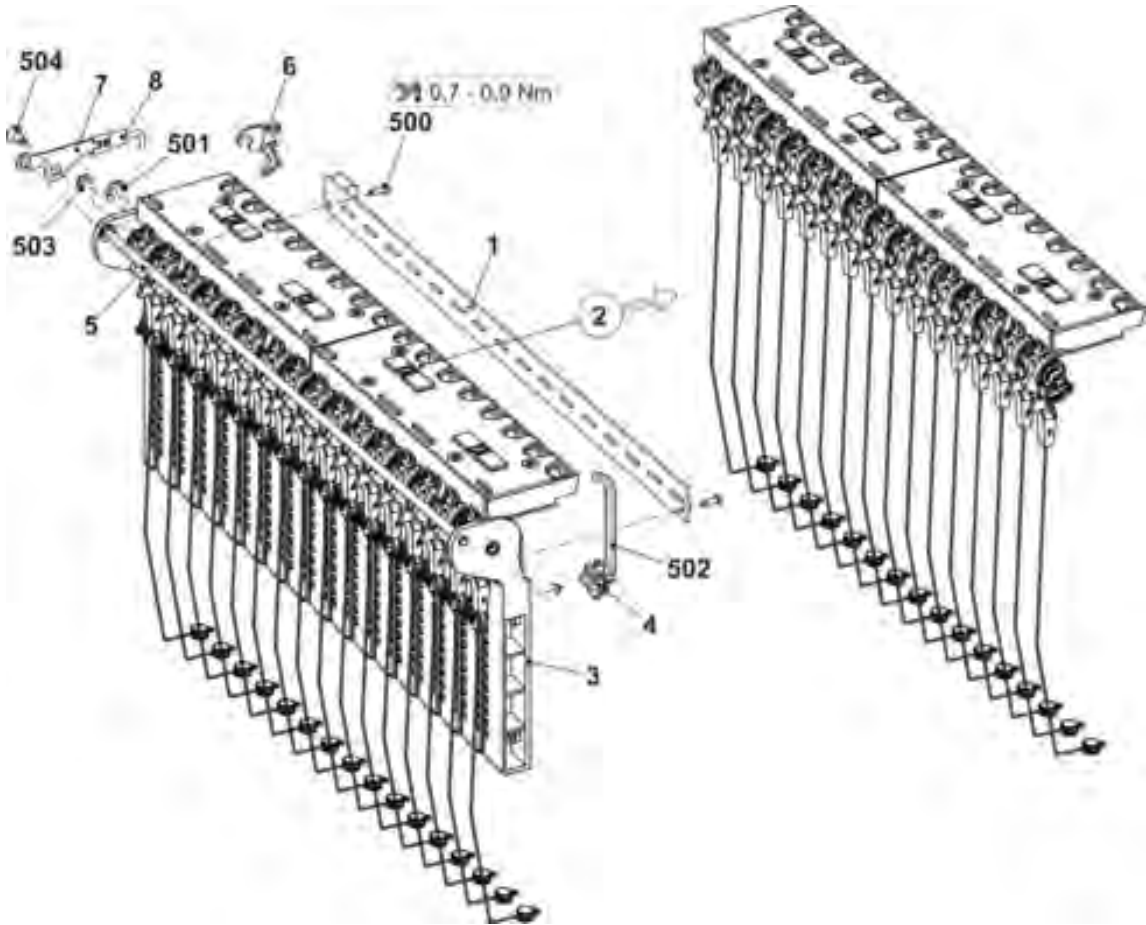
Pos	Designation	ID		Pos	Designation	ID
3	Yarn tensioner on the left complete E10-18	258 461		28	Ceramic eyelet	240 640
19	Deflector on the left complete	259 573		508	Screw KB60x20	237 682



17.11 Parts for the safety door on the left E10 | E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10)

17.11.1 Yarn tensioner on the left
E10 | E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10)

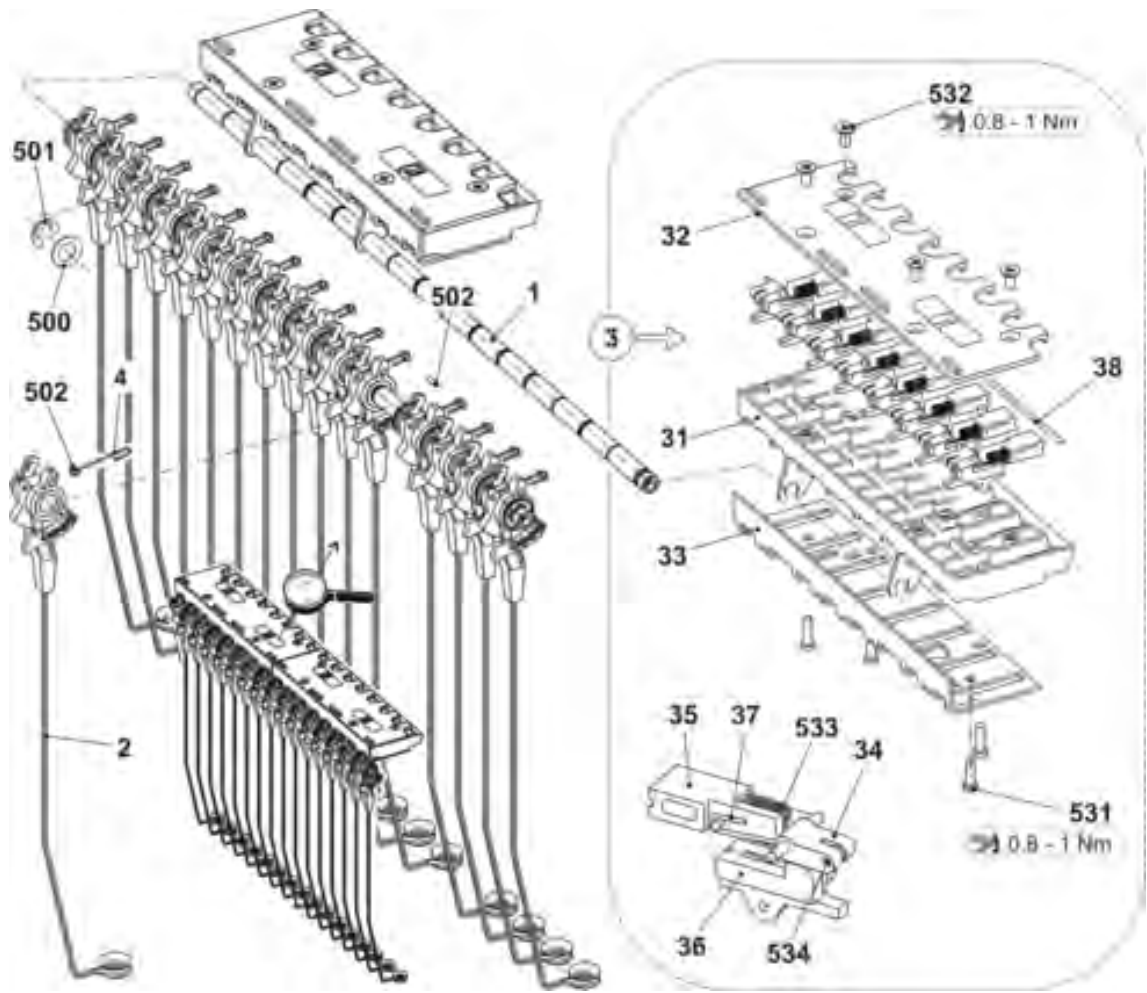
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 461		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		8	Ground cable yarn tensioner OKC	243 105
2	Tension axle completeE10-18	258 460		500	Screw KB30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4,9x0,45x53	023 504
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.11 Parts for the safety door on the left E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

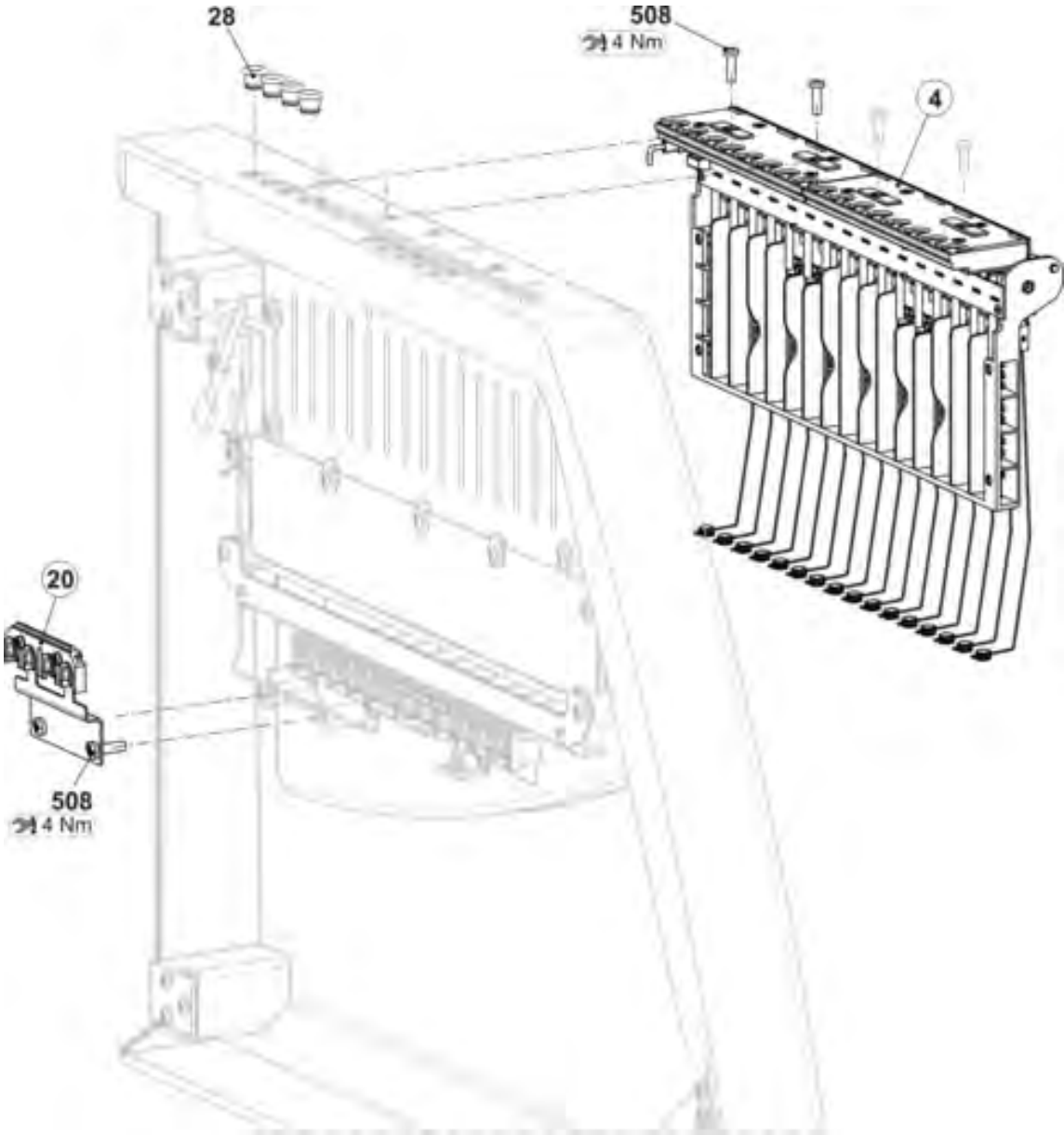
17.11.1.1 Tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle complete		3	Thread clamp AKF	238 695
	E6.2	244 494	31	Housing AKF	238 689
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2 (12m.10)	244 495	32	Cover AKF	237 926
1	Axle	244 522	33	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled		34	Lever AKF	238 692
	E3 – E8	242 770	35	Thrust piece AKF	238 690
	E10 – E18	242 771	36	Slider AKF	238 691
4	Wire bow	238 694	37	Wire bow	238 694
500	Shim ring 8x14x0,5	023 501	38	Wire	237 940
501	Circlip	021 022	531	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	532	Screw KB 40x8	236 227
			533	Compression spring 0,30x4,50x18,50	241 437
			534	Grooved pin 2x6	243 172



17.12 Parts for the right safety door
E10 | E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10)

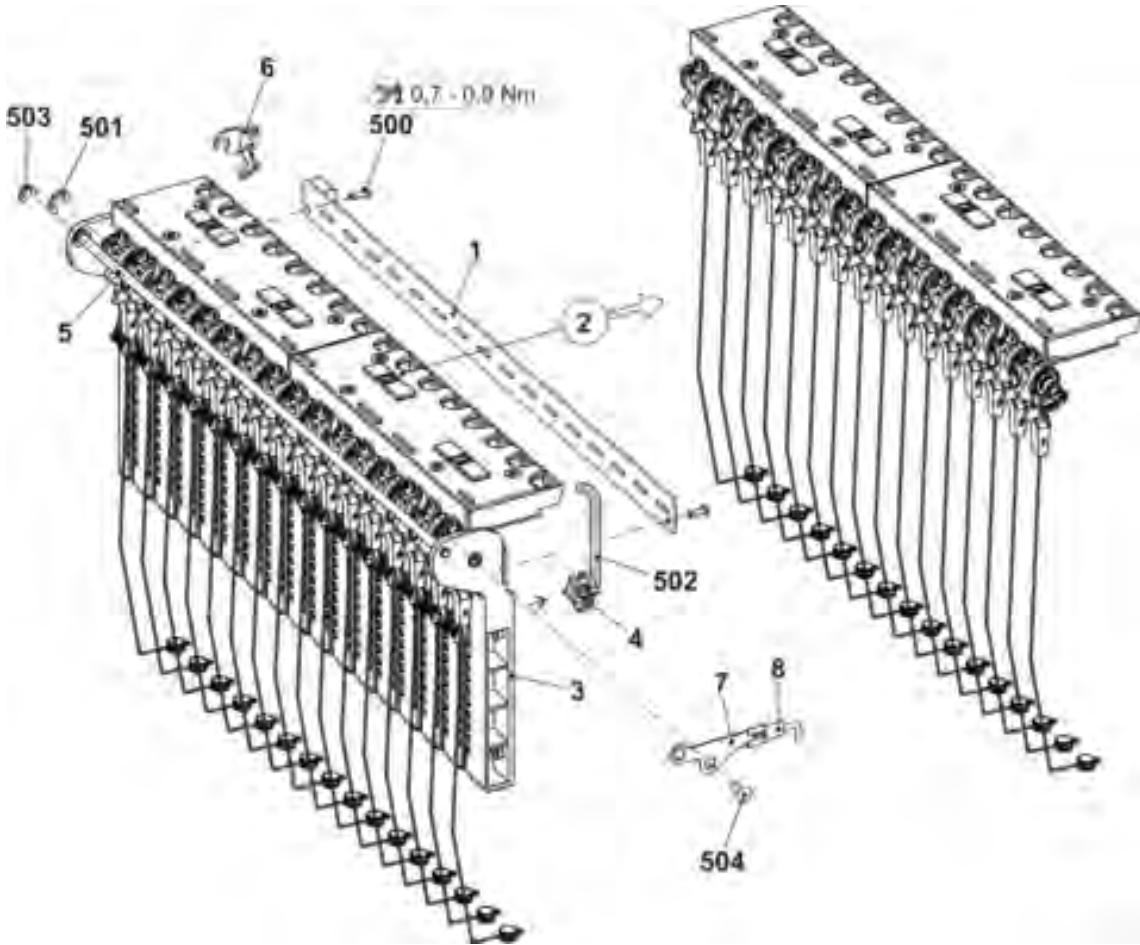
Pos	Designation	ID		Pos	Designation	ID
4	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
20	Deflector complete	259 570		508	Screw KB60x20	237 682



17.12 Parts for the right safety door E10 | E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10)

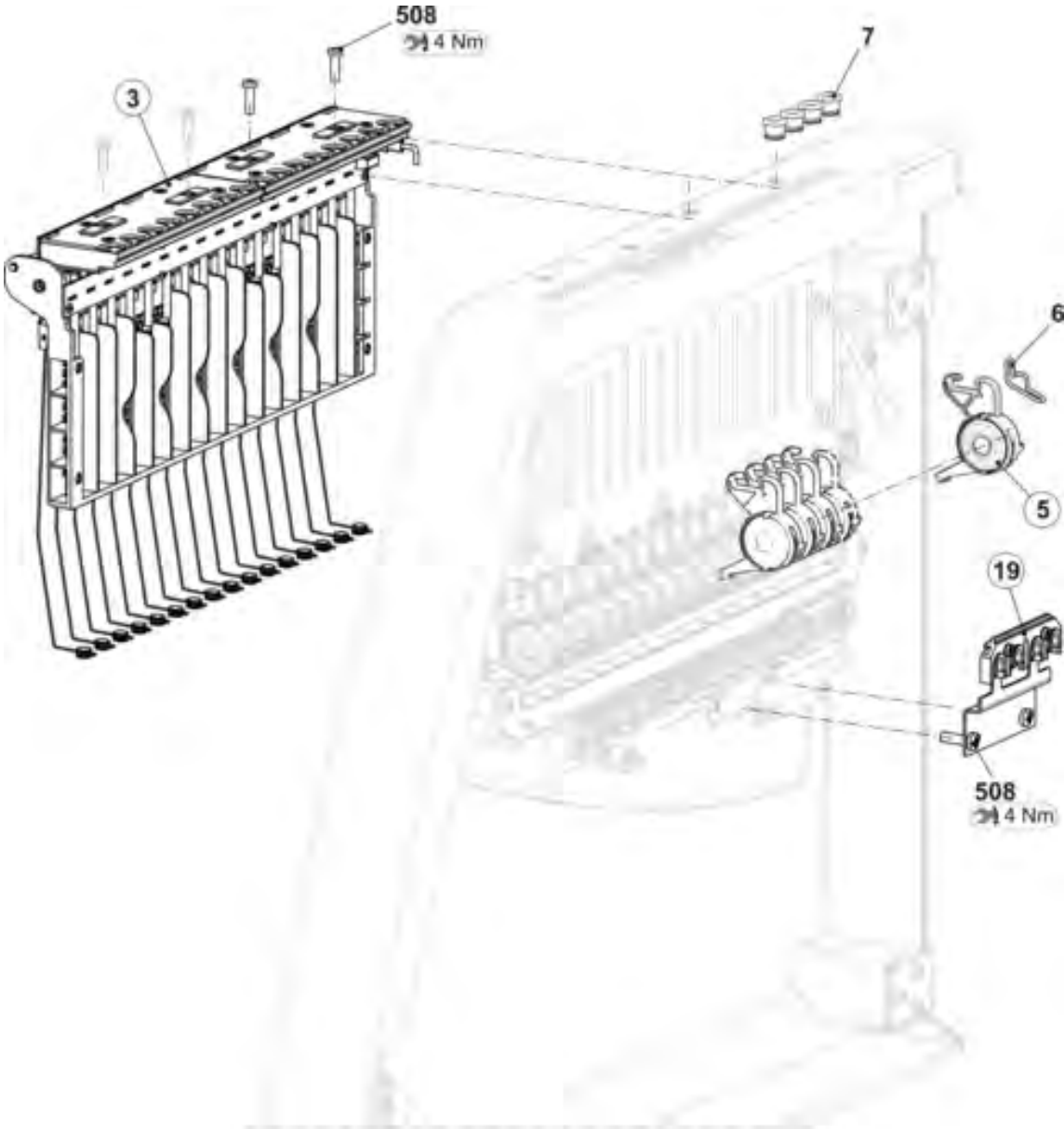
17.12.1 Yarn tensioner on the right E10
| E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 463		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensionerokc	243 105
2	Tension axle completeE10-18	258 460		500	Screw KB30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4,9x0,45x53	023 504
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.13 Parts for the safety door on the left E6.2

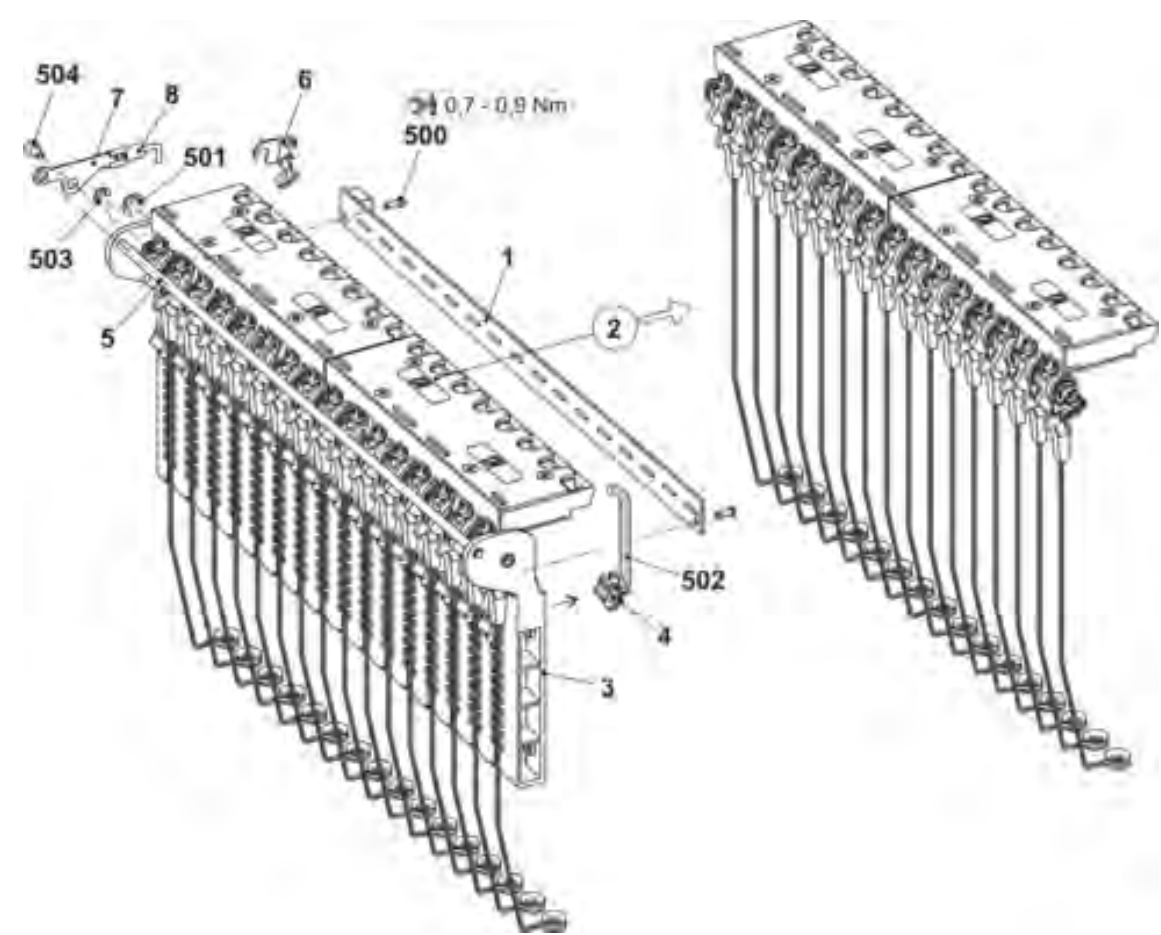
Pos	Designation	ID		Pos	Designation	ID
3	Yarn tensioner on the left completeE7-8	244 499		7	Ceramic eyelet	240 640
5	Yarn brake complete	244 347		19	Deflector on the left complete	259 573
6	Clamping bow	244 409		508	Screw KB60x20	237 682



17.13 Parts for the safety door on the left E6.2

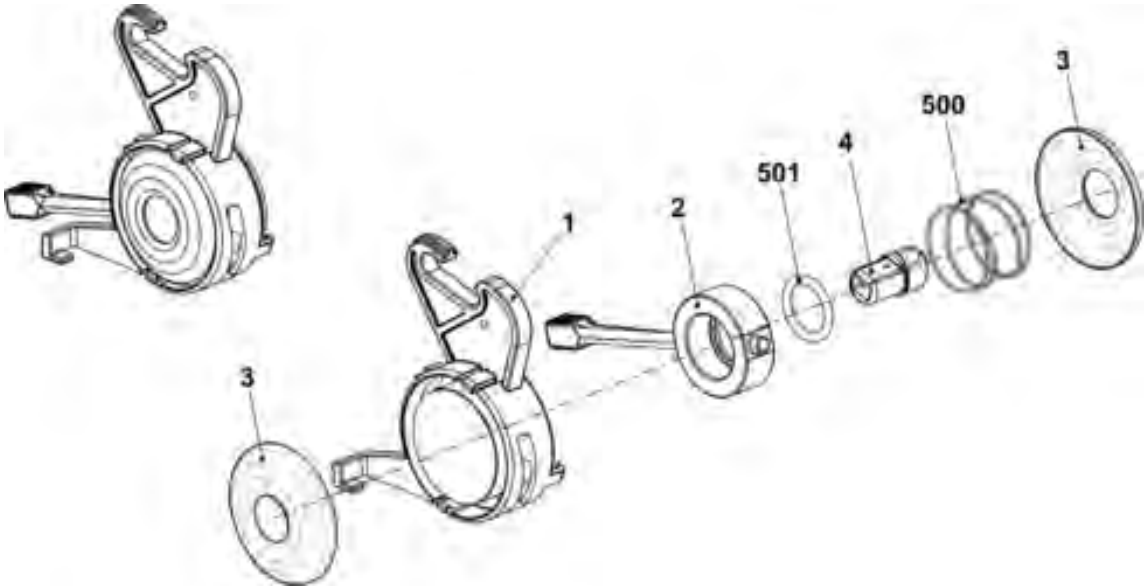
17.13.1 Yarn tensioner on the left E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E7-8	244 499		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		8	Ground cable yarn tensionerokc	243 105
2	Tension axle completeE3-8	244 494		500	Screw KB30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4,9x0,5x53	023 503
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.13.2 Yarn brake

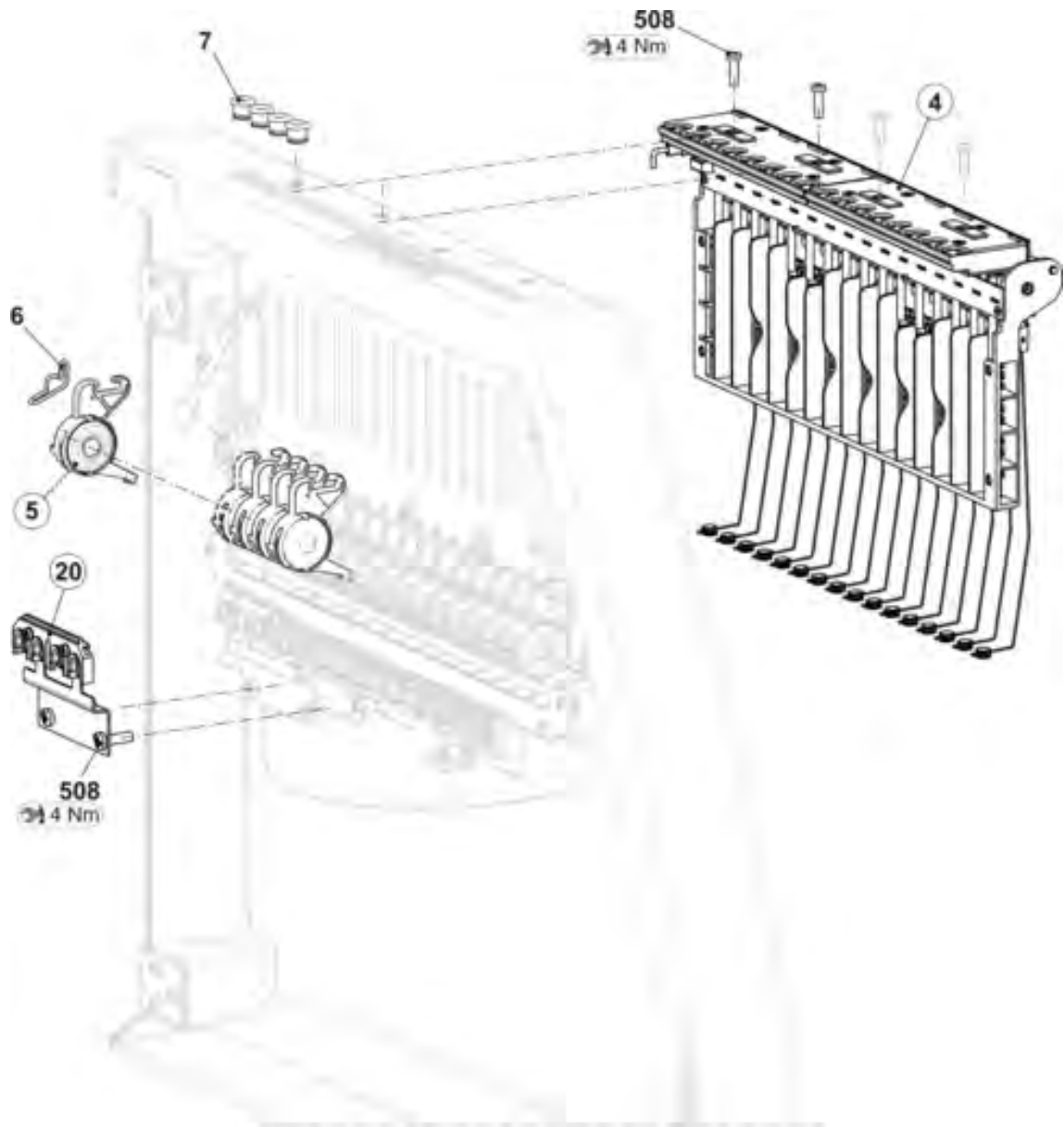
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn brake complete	244 347				
1	Support	240 607		4	Ceramic eyelet open	243 778
2	Slider	240 606		500	Compression spring 0,65x20,15x14,80	241 361
3	Brake disk	244 355		501	O-ring 11x2	241 434



17.14 Parts for the right safety door E6.2

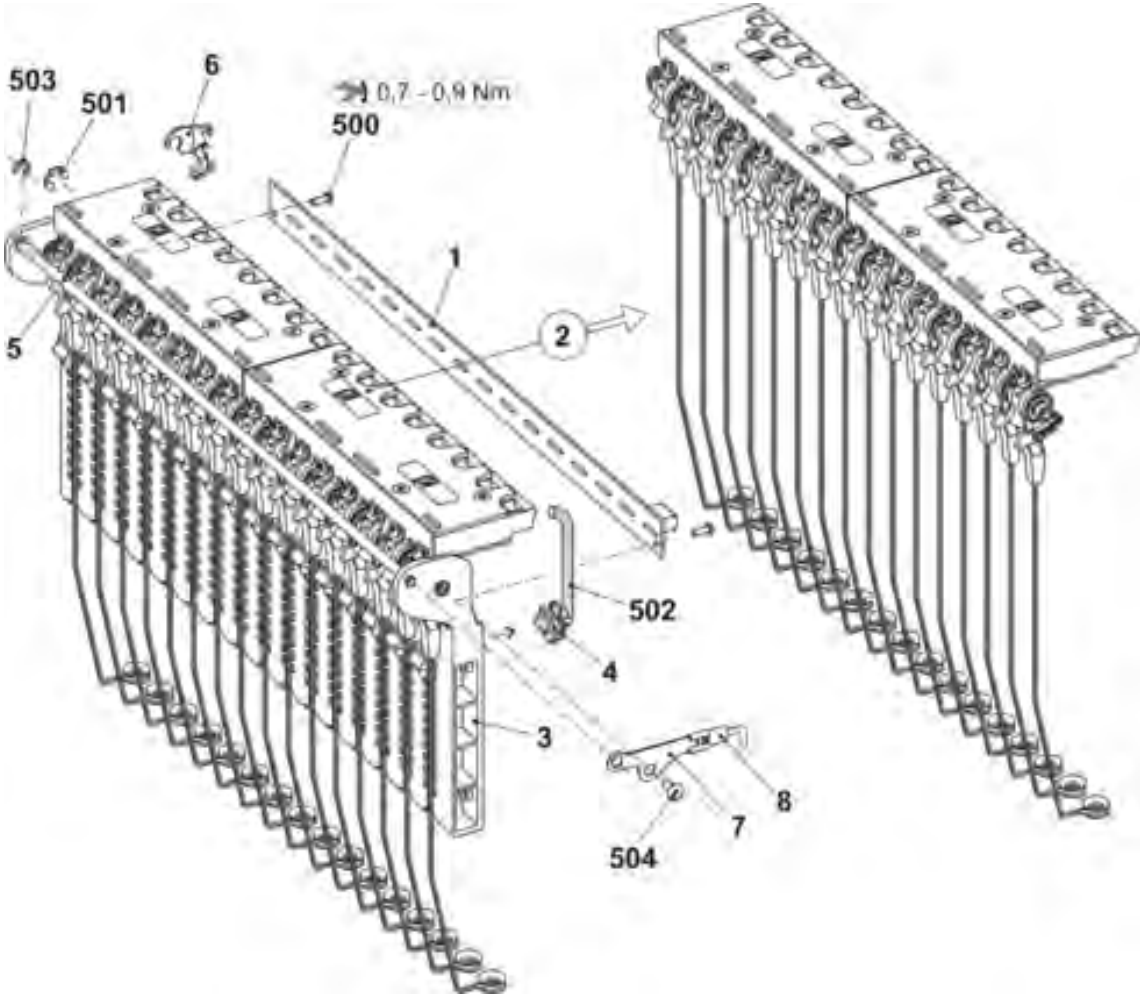
17.14 Parts for the right safety door E6.2

Pos	Designation	ID		Pos	Designation	ID
4	Yarn tensioner on the right complete E7-8	244 502		7	Ceramic eyelet	240 640
5	Yarn brake complete	244 347		20	Deflector on the right complete	259 570
6	Clamping bow	244 409		508	Screw KB60x20	237 682



17.14.1 Yarn tensioner on the right E6.2

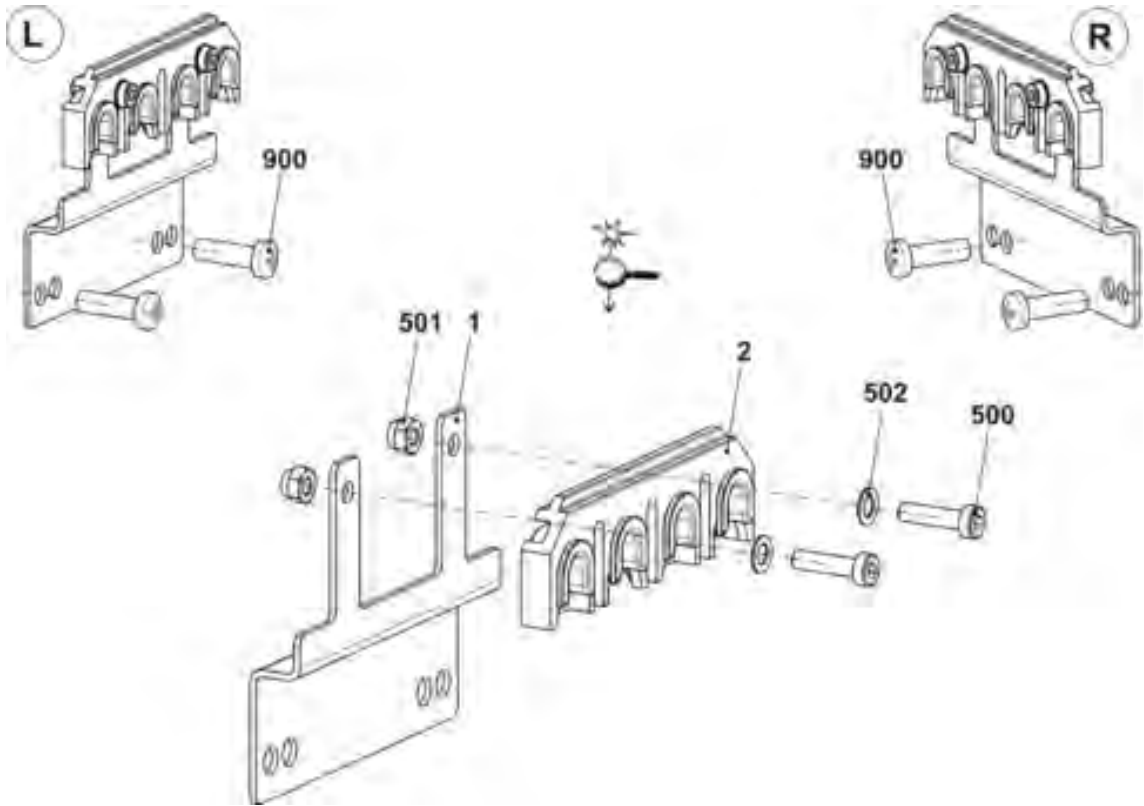
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete E7-8	244 502		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensionerokc	243 105
2	Tension axle completeE7-8	244 494		500	Screw KB30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4,9x0,5x53	023 503
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.15 Deflector on the left and on the right

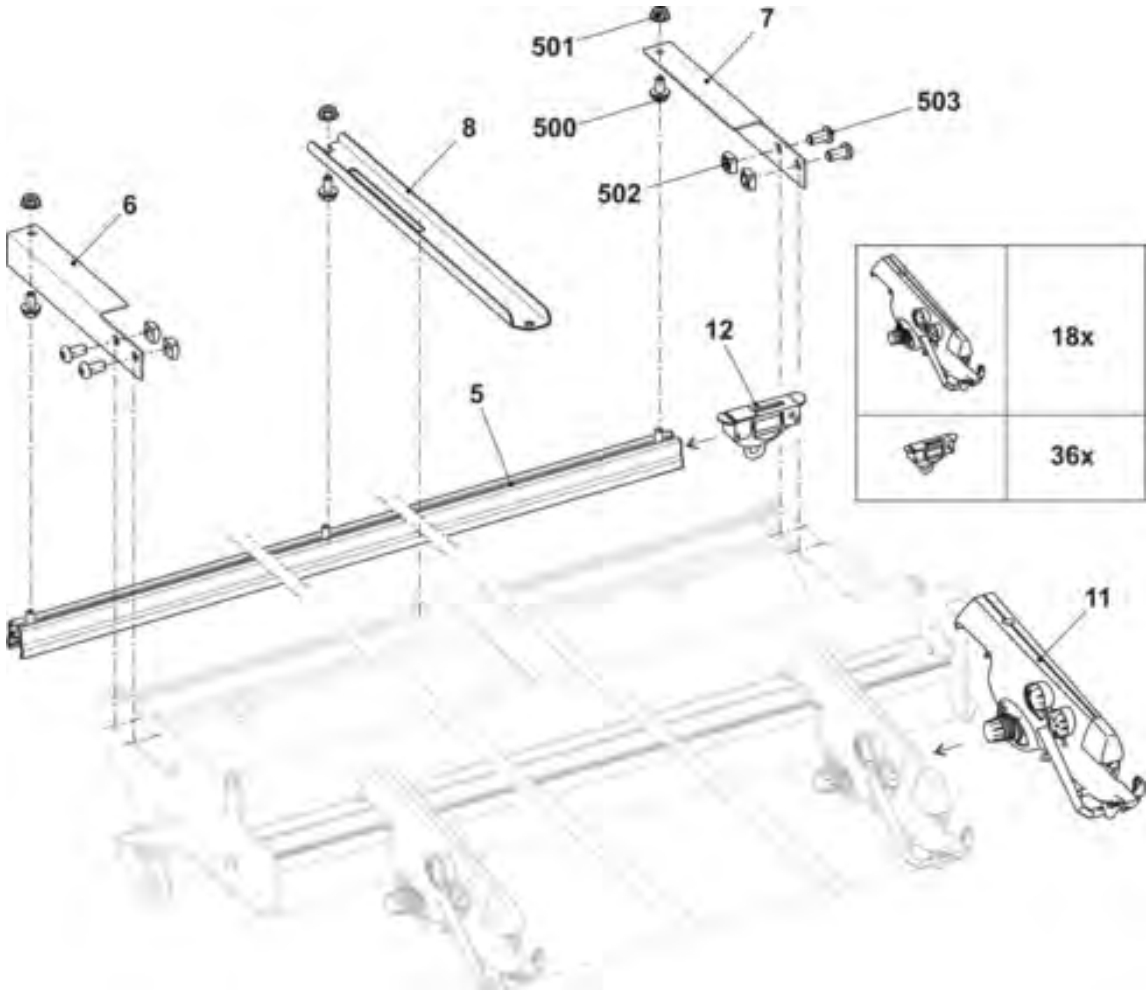
17.15 Deflector on the left and on the right

Pos	Designation	ID		Pos	Designation	ID
ΣL	Deflector on the left complete	259 573		ΣR	Deflector on the right complete	259 570
1	Support of yarn deflector	257 286		1	Support of yarn deflector	257 286
2	Yarn deflector on the left	259 572		2	Yarn deflector on the right	259 569
500	Cap screwM4x16	023 123		500	Cap screwM4x16	023 123
501	Hexagon nut M4-8	023 046		501	Hexagon nut M4-8	023 046
502	Washer4	020 879		502	Washer4	020 879
900	Screw KB60x20	237 682		900	Screw KB60x20	237 682



17.16 Parts for the yarn guide system with 18 FKE

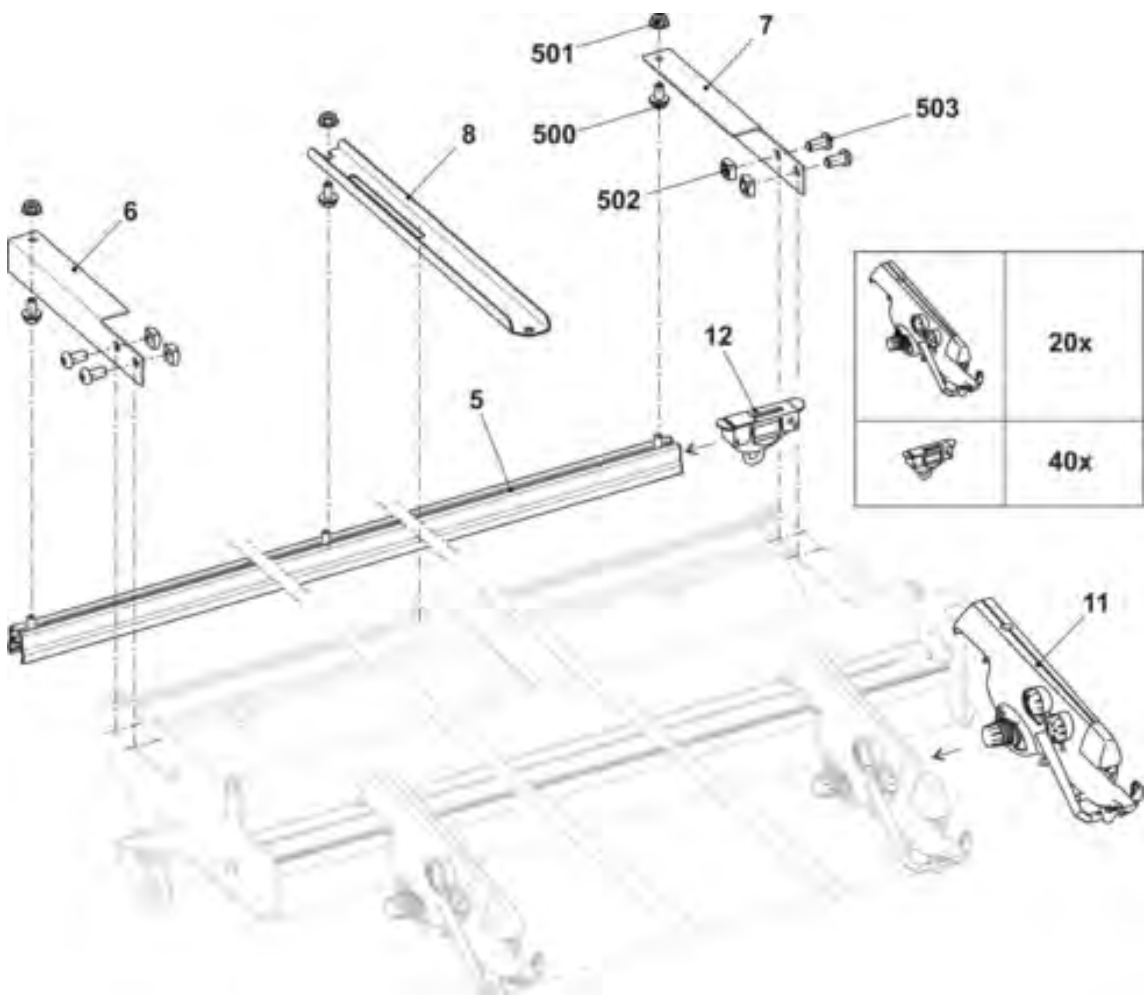
Pos	Designation	ID		Pos	Designation	ID
Σ	Parts of the yarn guide system with 18 FKE E6.2 E7.2 E6.2(12m,10) E8.2					
5	Yarn guide bar	240 324		12	Yarn guide bracket complete	241 581
6	Support on the left	243 602		500	Self-locking screw M6x12	023 415
7	Support on the right	243 603		501	Serrated nut M6-10	023 414
8	Support	239 295		502	Square nut M8	023 269
11	Yarn control device	237 124		503	Pan-head screwM8x16	023 113



17.17 Parts for the yarn guide system with 20 FKE

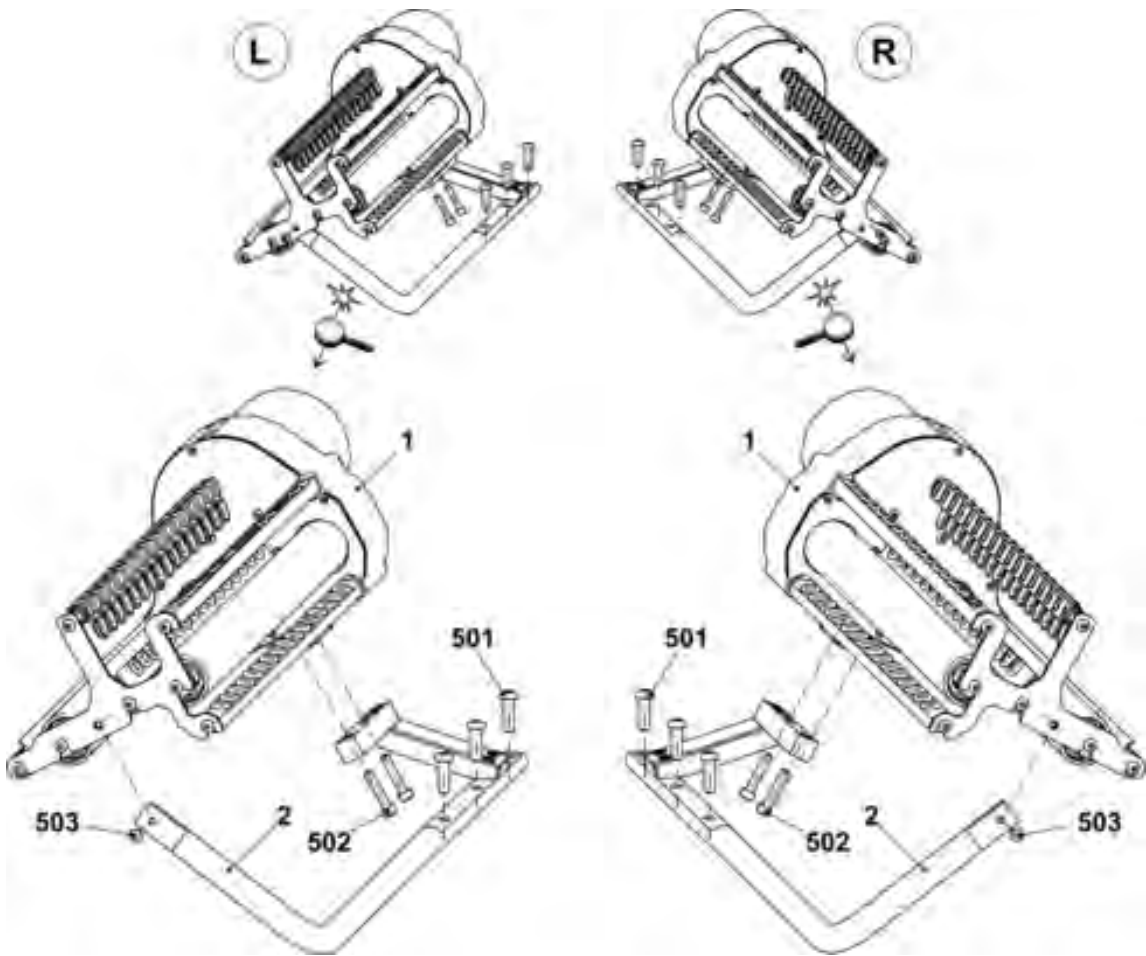
17.17 Parts for the yarn guide system with 20 FKE

Pos	Designation	ID		Pos	Designation	ID
Σ	Parts of the yarn guide system with 18 FKE E10 E12 E14 E16					
5	Yarn guide bar	240 324		12	Yarn guide bracket complete	241 581
6	Support on the left	243 602		500	Self-locking screw M6x12	023 415
7	Support on the right	243 603		501	Serrated nut M6-10	023 414
8	Support	239 295		502	Square nut M8	023 269
11	Yarn control device	237 124		503	Pan-head screw M8x16	023 113



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

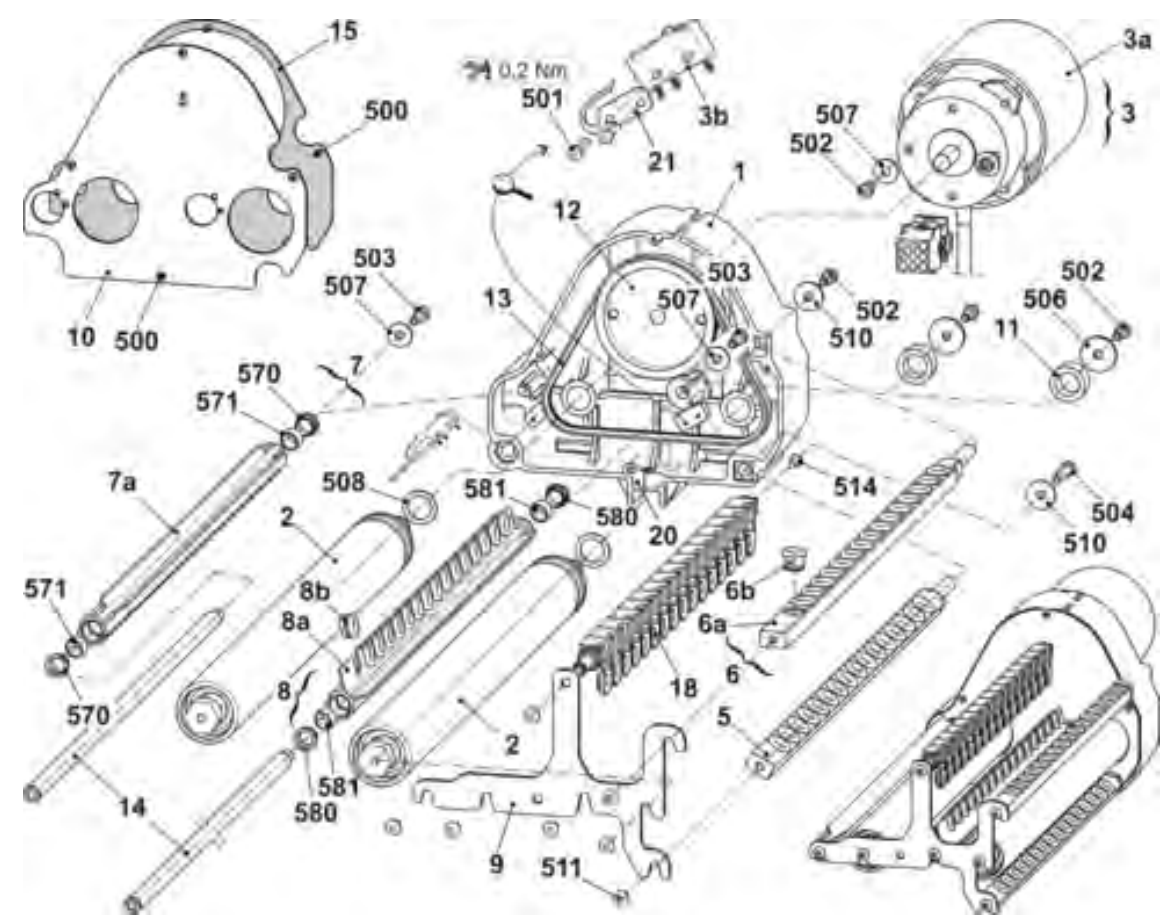
Pos	Designation	ID		Pos	Designation	ID
ΣL	Friction feed wheel 16 fold on the left complete	244 991		ΣR	Friction feed wheel 16 fold on the right complete	244 992
1	Friction feed wheel on the left	244 185		1	Friction feed wheel on the right	244 186
2	Support on the left	243 869		2	Support right	244 142
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



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

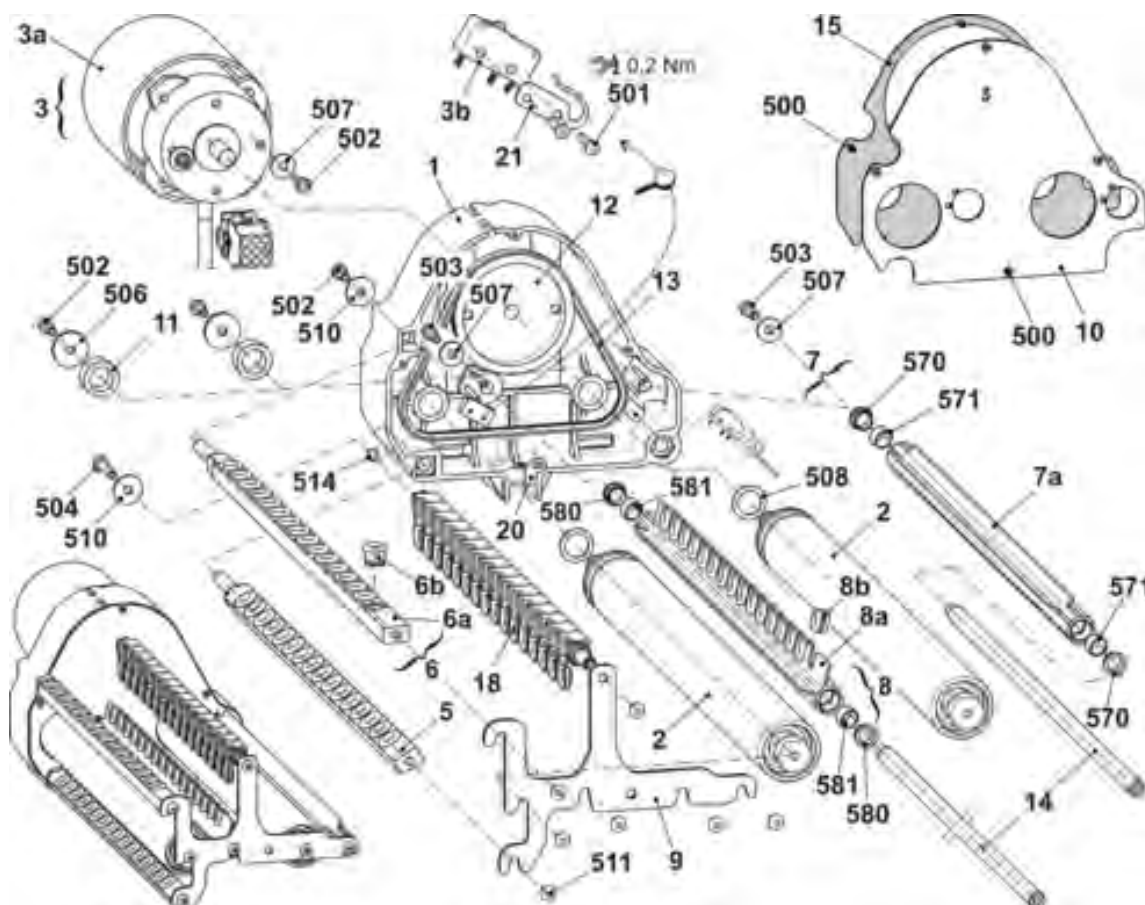
17.18.1 Friction feed wheel on the left

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		18	Deflector complete 16-fold		250 102
6	Yarn guide rod 16-fold complete		244 578		20	Grounding plate		256 622
	6a	Yarn guide rod 16-fold	244 577		21	Spring plate		256 702
	6b	Ceramic eyelet	240 640		500	Screw KB30x8		236 228
7	Stop motion rail on the right complete		243 863		501	Screw M20x10		244 736
	7a	Stop motion rail on the right	243 864		502	Cap screwM5x12		020 132
	570	Slide bearing GFM-101214-07	023 627		503	Cap screwM5x16		022 726
	571	Guide piece	259 453		504	Cap screwM5x25		023 523
8	Stop motion rail on the left complete		243 865		506	Washer5,3x22x2,5		023 219
	8a	Stop motion rail on the left	243 866		507	Washer5		020 901
	8b	Eyelet	230 662		508	Shim ring 15x21x1		023 216
	580	Slide bearing GFM-101214-07	023 627		510	Washer5		023 542
	581	Guide piece	259 453		511	Pan-head screwM5x8		239 408
9	Bracket		251 113		514	Pan-head screwM4x8		023 579



17.18.2 Friction feed wheel on the right

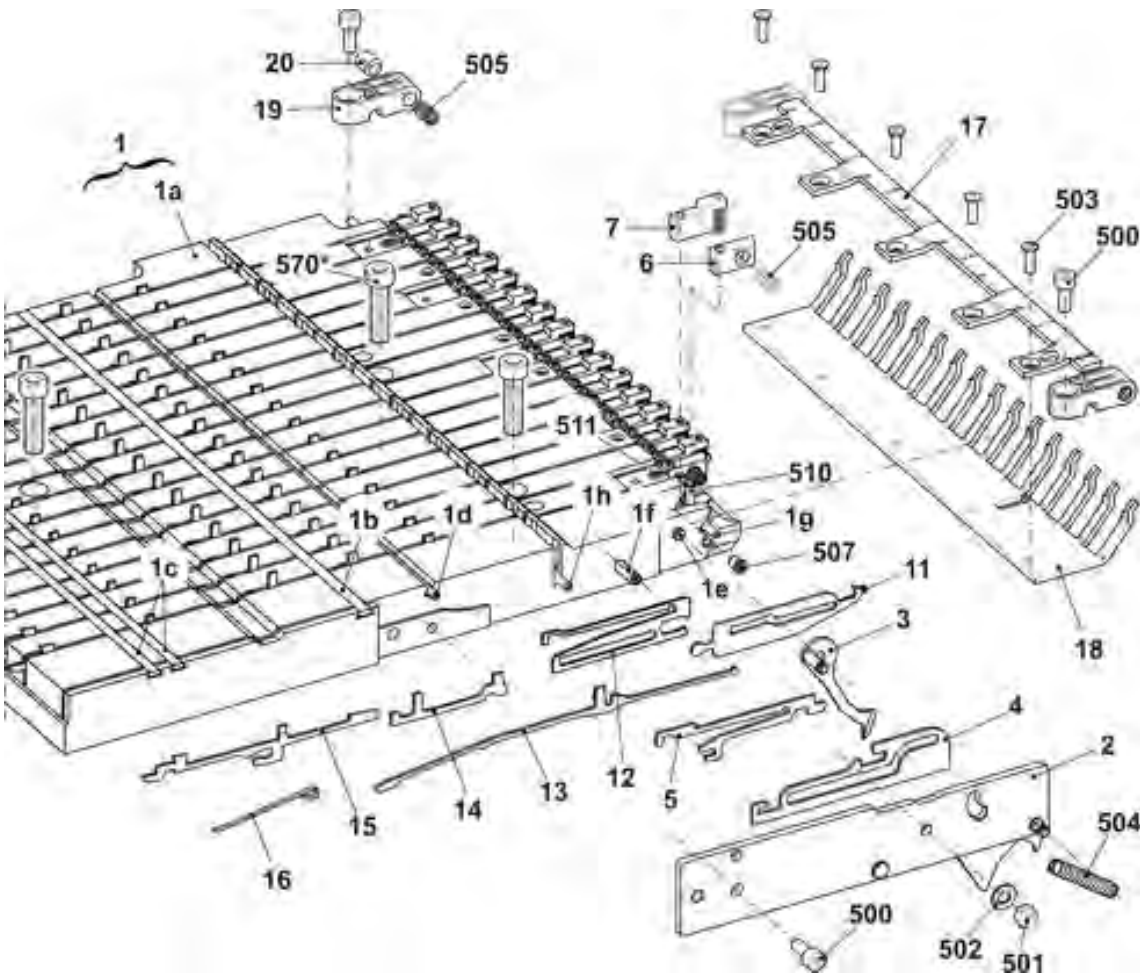
Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel 16 fold on the right complete	244 186	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
	3a Three-phase 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	18	Deflector complete 16-fold	250 102
6	Yarn guide rod 16-fold complete	244 578	20	Grounding plate	256 622
	6a Yarn guide rod 16-fold	244 577	21	Spring plate	256 702
	6b Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw M20x10	244 736
	7a Stop motion rail on the right	243 864	502	Cap screwM5x12	020 132
	570 Slide bearing GFM-101214-07	023 627	503	Cap screwM5x16	022 726
	571 Guide piece	259 453	504	Cap screwM5x25	023 523
8	Stop motion rail on the right complete	244 530	506	Washer5,3x22x2,5	023 219
	8a Stop motion rail on the right	244 531	507	Washer5	020 901
	8b Eyelet	230 662	508	Shim ring 15x21x1	023 216
	580 Slide bearing GFM-101214-07	023 627	510	Washer5	023 542
	581 Guide piece	259 453	511	Pan-head screwM5x8	239 408
9	Bracket	251 113	514	Pan-head screwM4x8	023 579



17.19 Left clamping/cutting E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

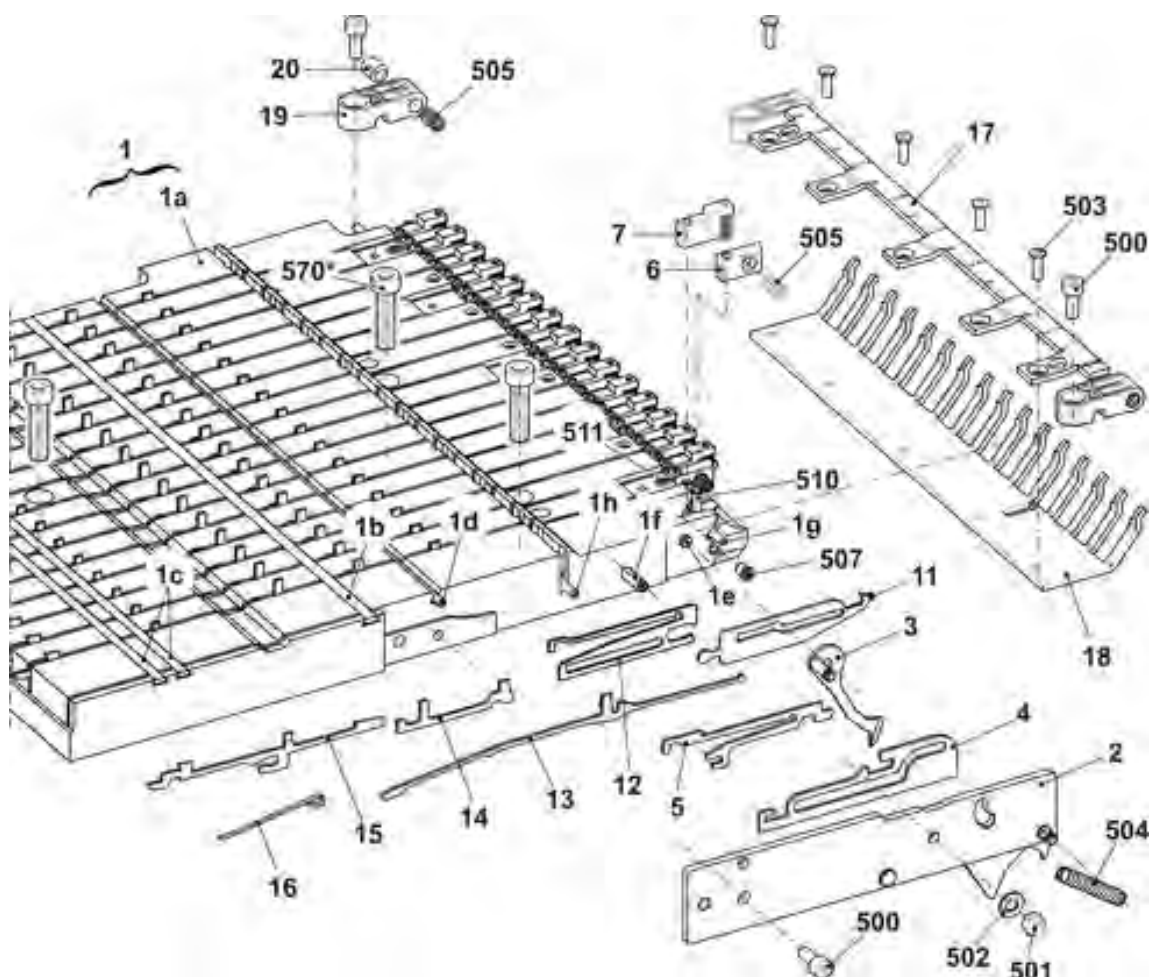
17.19 Left clamping/cutting
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

Pos	Designation		Id		Pos	Designation		Id
Σ	Left clamping and cutting bed E10-14		253 682		11	Tuck needle on the left E10-14		244 630
1	Guide plate EPT on the left E5-14		257 236		12	Intermediate cam E10-14		244 591
	1a	Guide plate on the left E10-14	257 232		13	Coupling part E5-8		253 381
	1b	Cover rail	243 923		14	Intermediate slider with brake E5-8		255 534
	1c	Cover rail	243 924		15	Selection jack E4-8		200 687
	1d	Locating wire	243 925		16	Selector spring E4-8		200 690
	1e	Axle	257 201		17	Holding strip on the left		256 996
	1f	Guide pin	211 351		18	Deflector plate on the left		255 556
	1g	Locating wire	215 927		19	Spring holder		255 724
	1h	Locating wire	244 589		20	Threaded bolt		255 723
	510	Dowel pin 3x14	252 771		500	Cap screw M4x10		023 136
	511	Setscrew M5x5	236 061		501	Hexagon nut M4		023 046
2	Cover on the left complete E10-14		251 120		502	Washer4		020 870
3	Catch hook on the left E10-18		255 622		503	Pan-head screw M3x10		242 029
4	SliderE10-14		253 089		504	Tension spring 5x0,5x17,4		023 377
5	Intermediate cam E10-14		253 090		505	Compression spring 07x4,3x12,1		023 521
6	Blade		243 948		507	Springy thrust piece		023 403
7	Clamp on the left complete		244 633		570*	Cap screw M6x20		244 824



17.20 Left clamping and cutting bed E16 | E18 | E8.2

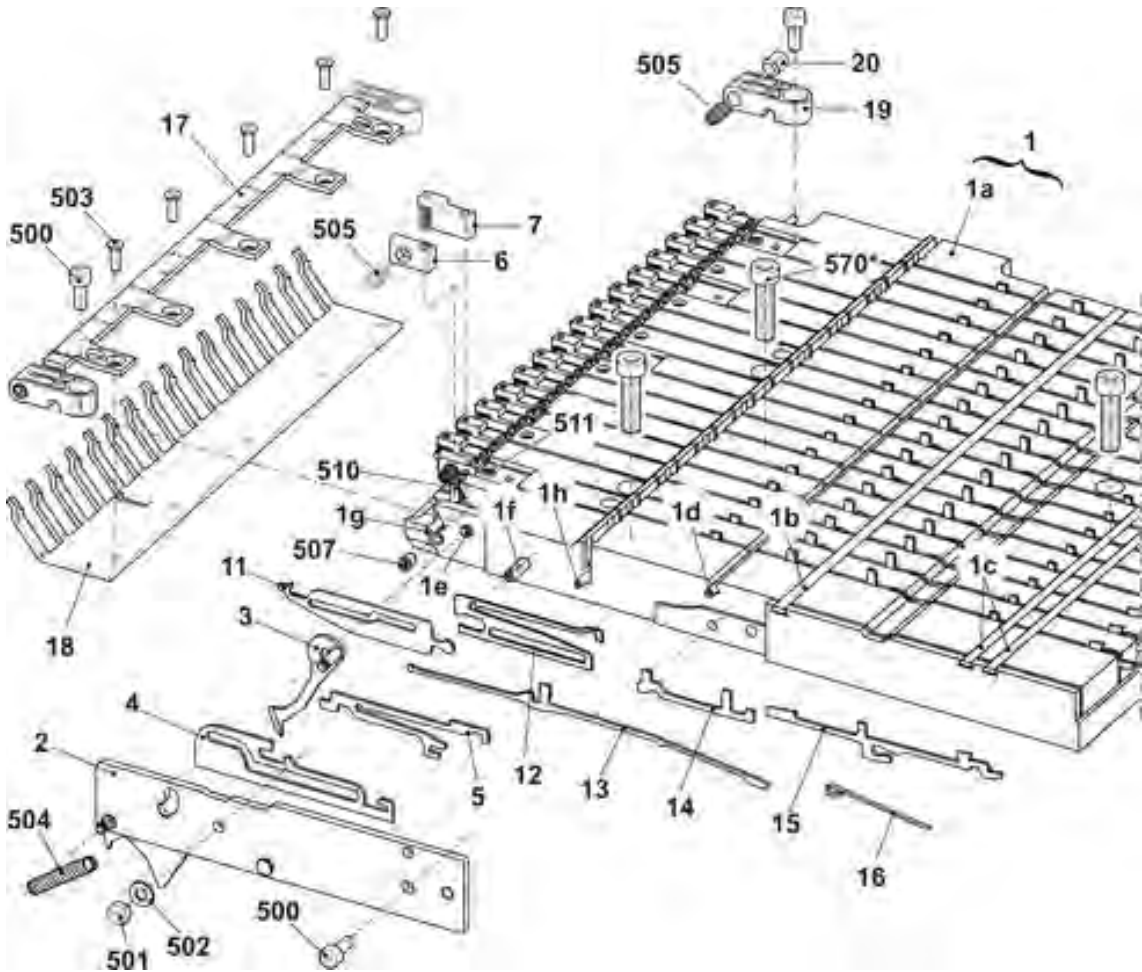
Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E16-18	253 684	11	Tuck needle on the left E16-18	244 740
1	Guide plate EPT on the left E16-18	257 238	12	Intermediate cam	244 741
1a	Guide plate on the left E16-18	257 234	13	Coupling part E10-12	253 382
1b	Cover rail	243 923	14	Intermediate slider with brake E10-12	255 535
1c	Cover rail	243 924	15	Selection jack E10-12	200 688
1d	Locating wire	243 925	16	Selector spring E10-12	200 691
1e	Axle	257 201	17	Holding strip on the left	256 996
1f	Guide pin	211 351	18	Deflector plate on the left	255 556
1g	Locating wire	215 927	19	Spring holder	255 724
1h	Locating wire	244 589	20	Threaded bolt	255 723
510	Dowel pin 3x14	252 771	500	Cap screw M4x10	023 136
511	Setscrew M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the left complete E16-18	242 835	502	Washer 4	020 870
3	Catch hook on the left E10-18	255 622	503	Pan-head screw M3x10	242 029
4	Slider E16-18	253 095	504	Tension spring 5x0,5x17,4	023 377
5	Intermediate cam E16-18	253 096	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	507	Springy thrust piece	023 403
7	Clamp on the left complete	244 633	570*	Cap screw M6x20	244 824



17.21 Right clamping/cutting bed E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

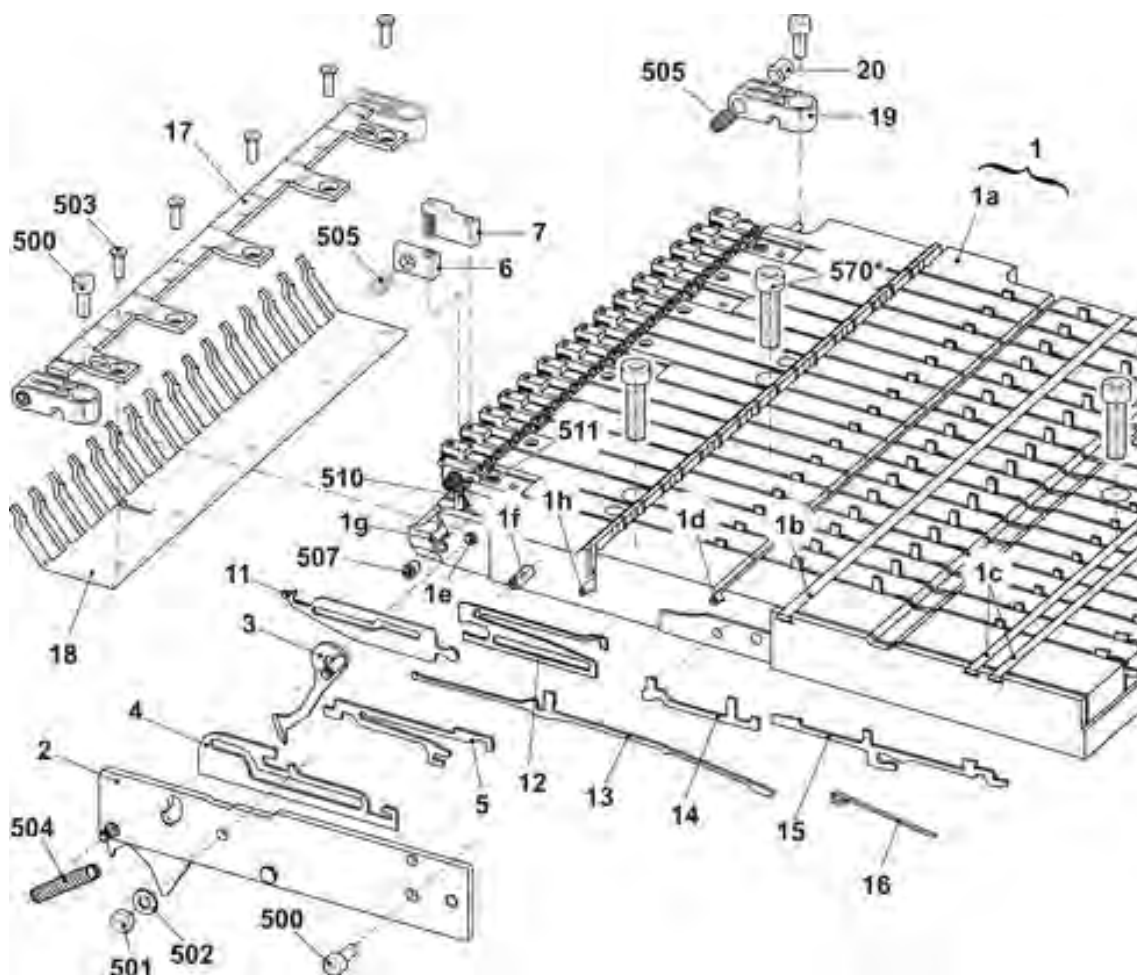
17.21 Right clamping/cutting bed
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E10-14	253 681	11	Tuck needle on the right E10-14	244 592
1	Guide plate EPT on the right E5-14	257 235	12	Intermediate cam E10-14	244 591
1a	Guide plate on the rightE5-14	257 231	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14	Intermediate slider with brake E5-8	255 534
1c	Cover rail	243 924	15	Selection jack E4-8	200 687
1d	Locating wire	243 925	16	Selector spring E4-8	200 690
1e	Axle	257 201	17	Holding strip on the right	256 995
1f	Guide pin	211 351	18	Deflector plate on the right	255 555
1g	Locating wire	215 927	19	Spring holder	255 724
1h	Locating wire	244 589	20	Threaded bolt	255 723
510	Dowel pin 3x14	252 771	500	Cap screwM4x10	023 136
511	Setscrew M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the right complete E10-14	251 119	502	Washer4	020 870
3	Catch hook on the right complete E10-18	255 620	503	Pan-head screw M3x10	242 029
4	SliderE10-14	253 089	504	Tension spring 5x0,5x17,4	023 377
5	Intermediate cam E10-14	253 090	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	507	Springy thrust piece	023 403
7	Clamp on the right complete	244 602	570*	Cap screwM6x20	244 824



17.22 Right clamping and cutting bed E16 | E18 | E8.2

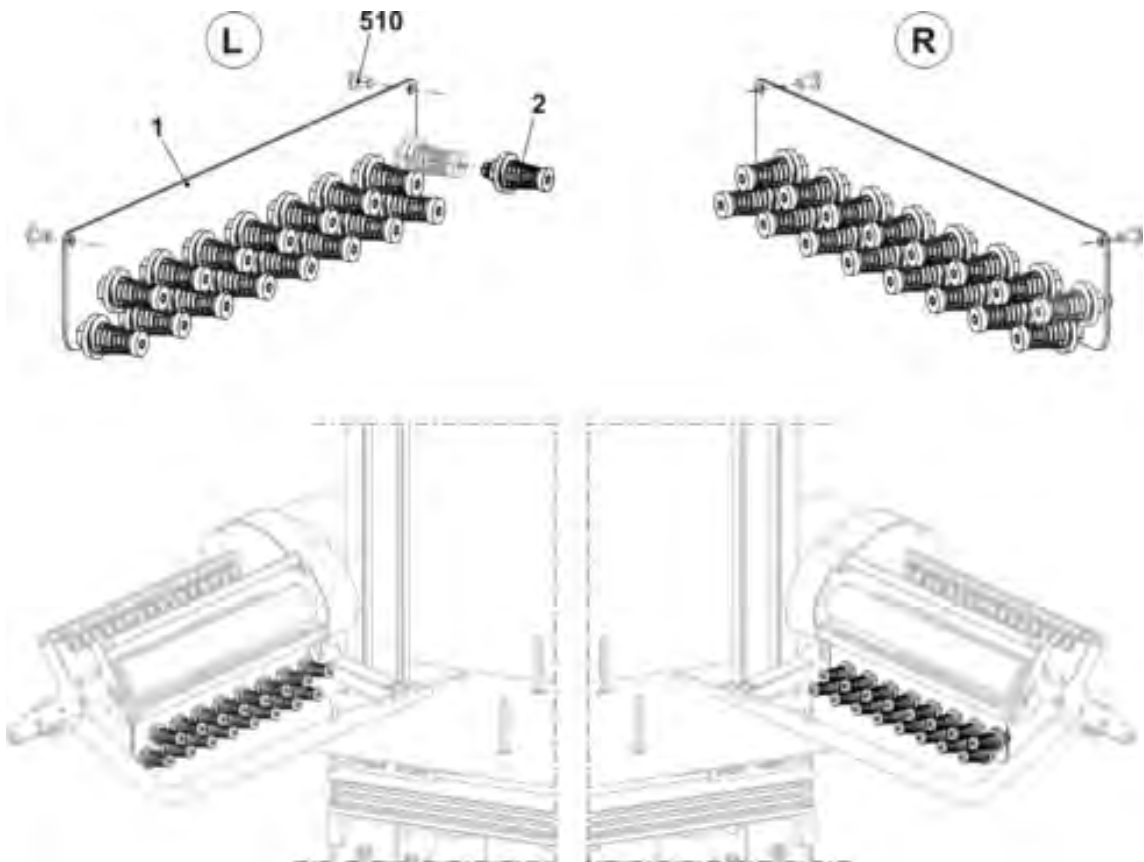
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E16-18	253 683	11	Tuck needle on the right E16-18	244 739
1	Guide plate EPT on the right E3	257 237	12	Intermediate cam	244 741
1a	Guide plate on the right E3	257 233	13	Coupling part E10-12	253 382
1b	Cover rail	243 923	14	Intermediate slider with brake E10-12	255 535
1c	Cover rail	243 924	15	Selection jack E10-12	200 688
1d	Locating wire	243 925	16	Selector spring E10-12	200 691
1e	Axle	257 201	17	Holding strip on the right	256 995
1f	Guide pin	211 351	18	Deflector plate on the right	255 555
1g	Locating wire	215 927	19	Spring holder	255 724
1h	Locating wire	244 589	20	Threaded bolt	255 723
510	Dowel pin 3x14	252 771	500	Cap screw M4x10	023 136
511	Setscrew M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the right complete E16-18	242 836	502	Washer 4	020 870
3	Catch hook on the right complete E10-18	255 620	503	Pan-head screw M3x10	242 029
4	Slider E16-18	253 095	504	Tension spring 5x0,5x17,4	023 377
5	Intermediate cam E16-18	253 096	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	507	Springy thrust piece	023 403
7	Clamp on the right complete	244 602	570*	Cap screw M6x20	244 824



17.23 Stopping device

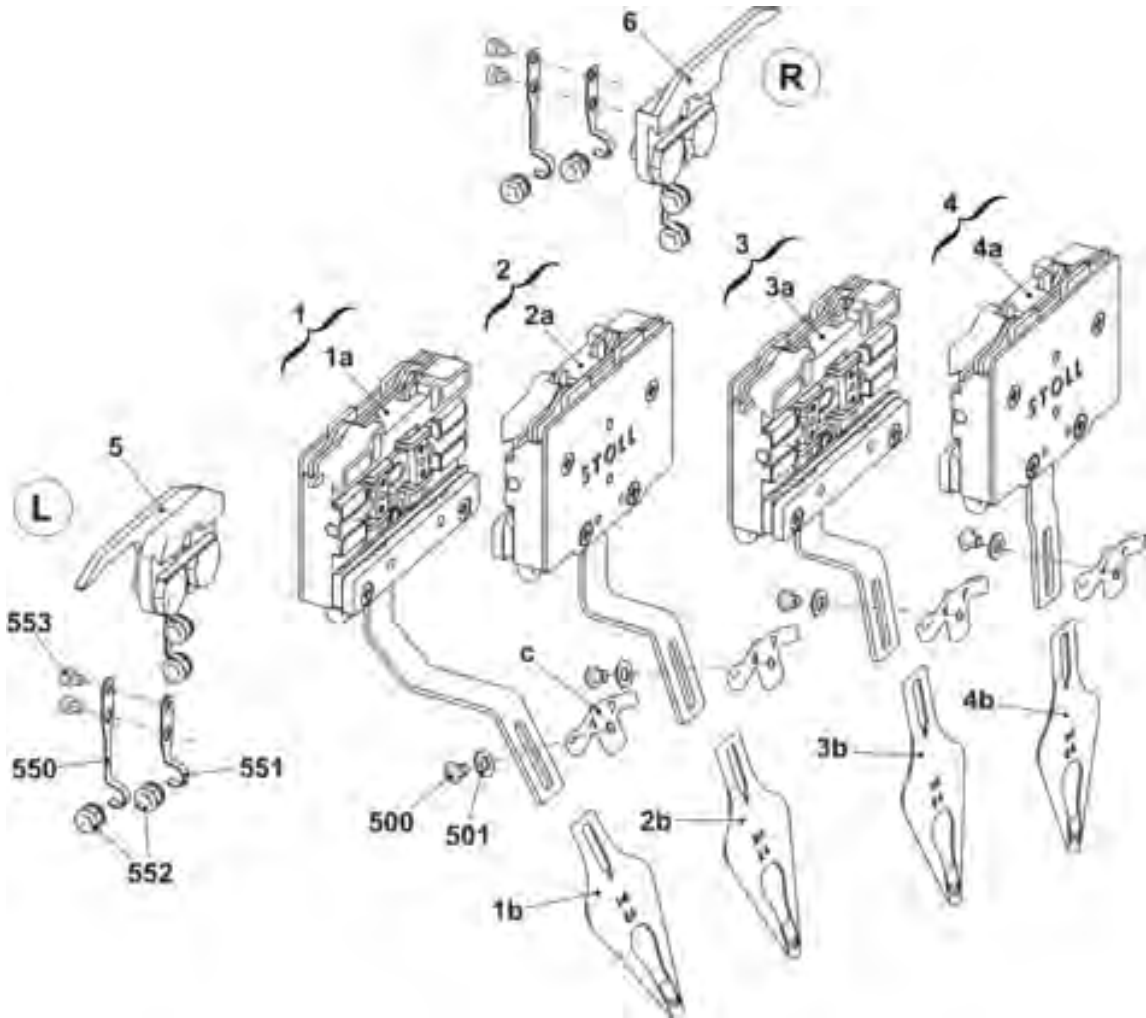
17.23 Stopping device

Pos	Designation	ID		Pos	Designation	ID
L+R	Stopping device 16-fold complete	259 455		2	Yarn brake	259 440
1	Support plate	259 401		510	Pan-head screwM5x10	023 247



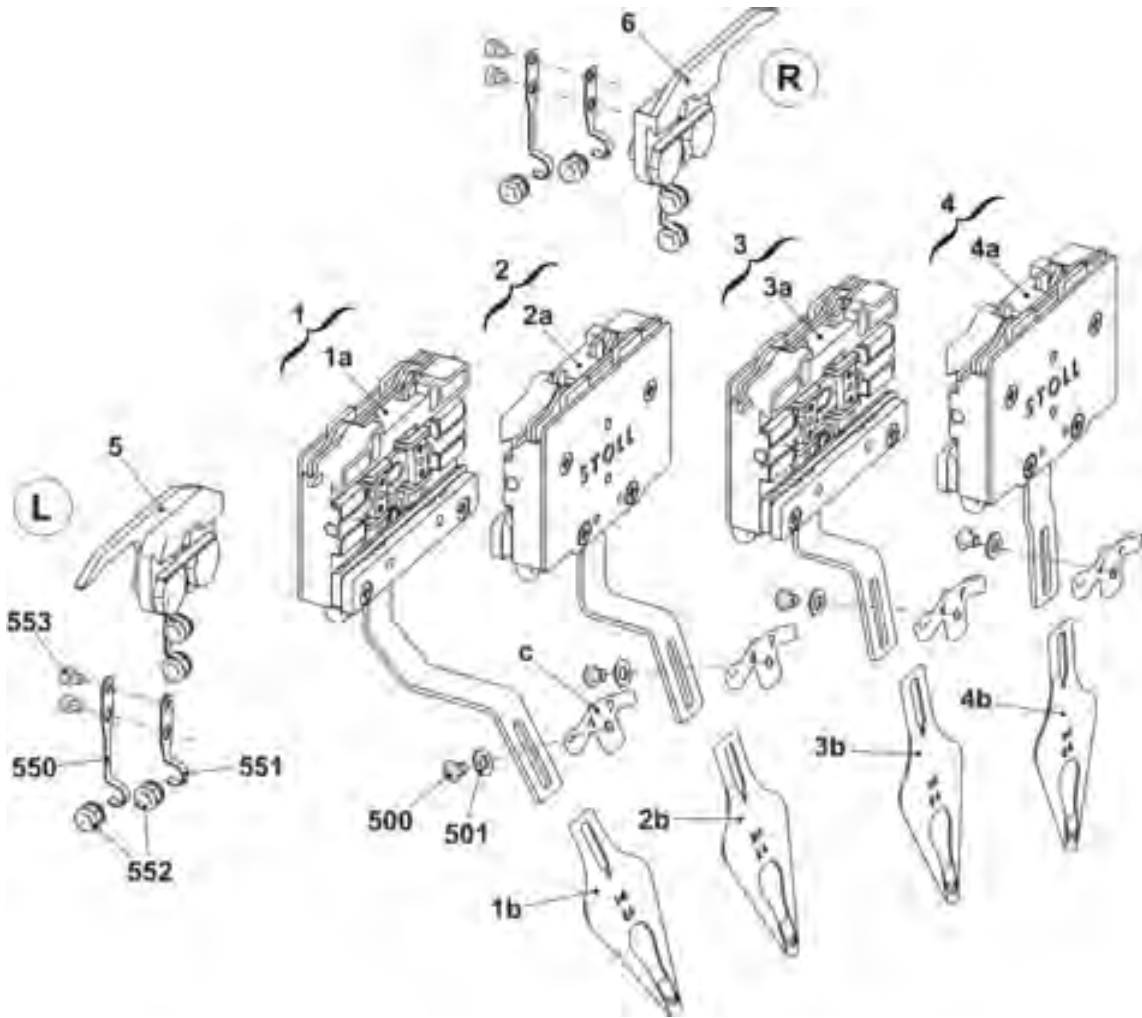
17.24 Yarn guide complete (24 IFF)
E10|E12|E14|E7.2|E6.2(12m.10)|E14/12

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn guide complete E10-14 IFF 24	256 936				
1	IFF carriage complete 1+8 E10-14 (6 pieces)	259 740		5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728			550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	260 612			551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (6 pieces)	259 741			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 E10-14	260 614		6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (6 pieces)	259 742		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 E10-14	260 610		501	Washer4	020 870
4	IFF carriage complete 4+5 E10-14 (6 pieces)	259 743				
	4a IFF carriage 4+5	259 731				
	4b Yarn carrier head 3-6 complete E10-14	260 610				



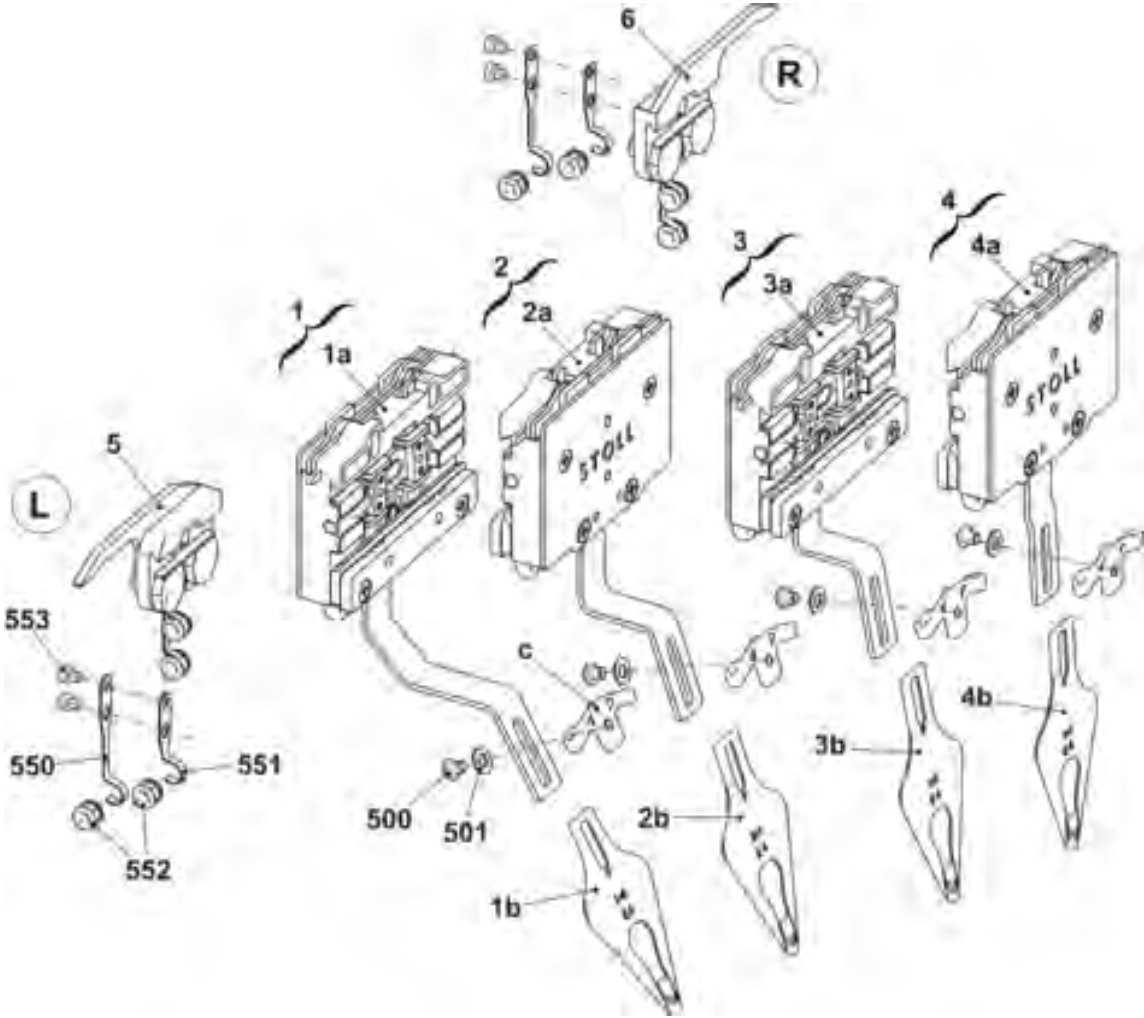
17.25 Yarn guide complete (24 IFF) E16|E18|E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E16-18 IFF 24	256 937			
1	IFF carriage complete 1+8 E16-18 (6 pieces)	259 744	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	261 516		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (6 pieces)	259 745		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 E16-18	261 517	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (6 pieces)	259 746	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 E16-18	261 518	501	Washer4	020 870
4	IFF carriage complete 4+5 E16-18 (6 pieces)	259 747			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E16-18	261 518			



17.26 Yarn guide complete (24 IFF) E6.2

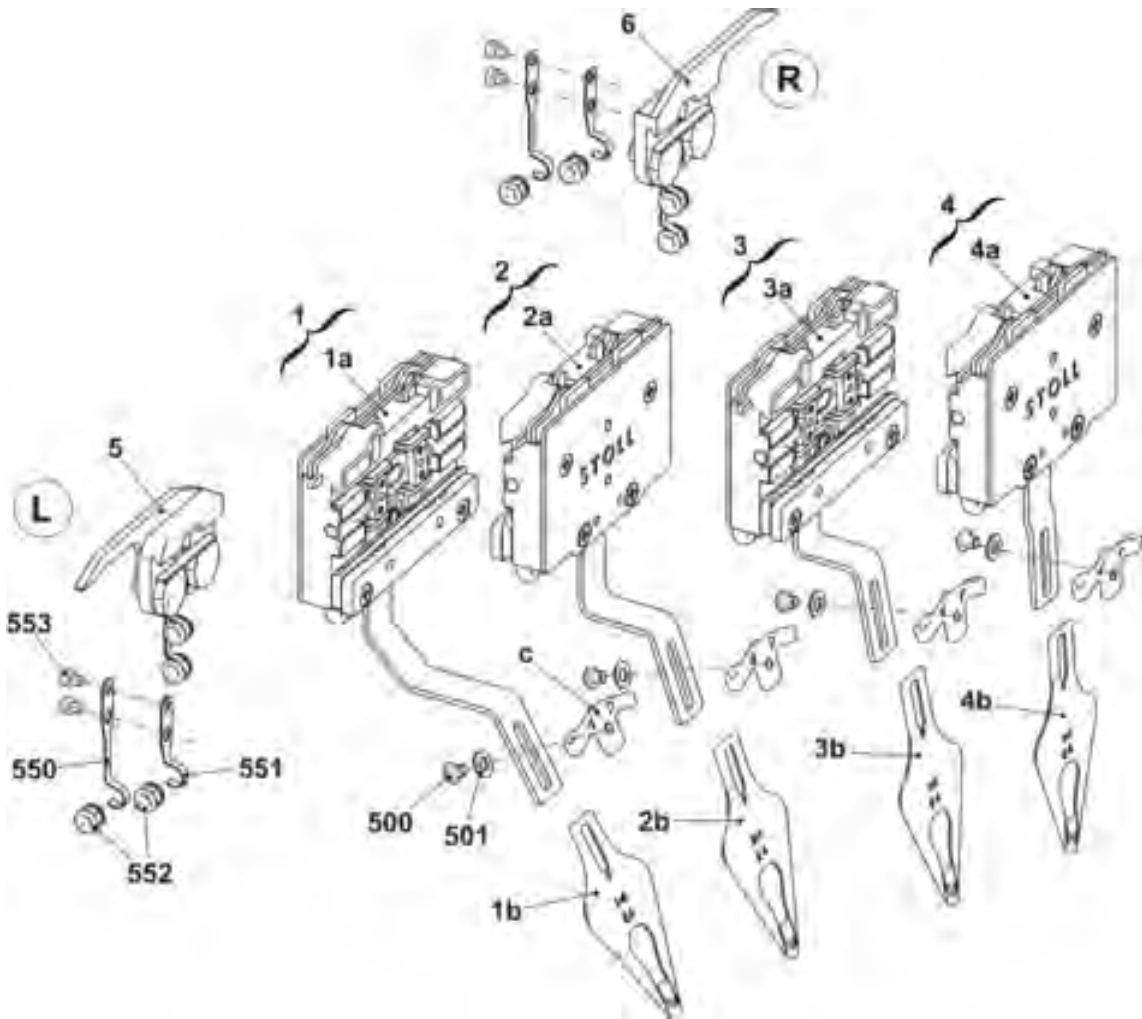
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFF carriage complete 1+8 E7-8 (6 pieces)	259 736	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8 (6 pieces)	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 (6 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (6 pieces)	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	Washer4	020 870
4	IFF carriage complete 4+5 E7-8 (6 pieces)	259 739			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



17.27 Yarn guide complete (32 IFF) E10|E12|E14|E7.2|E6.2(12m.10)|E14/12

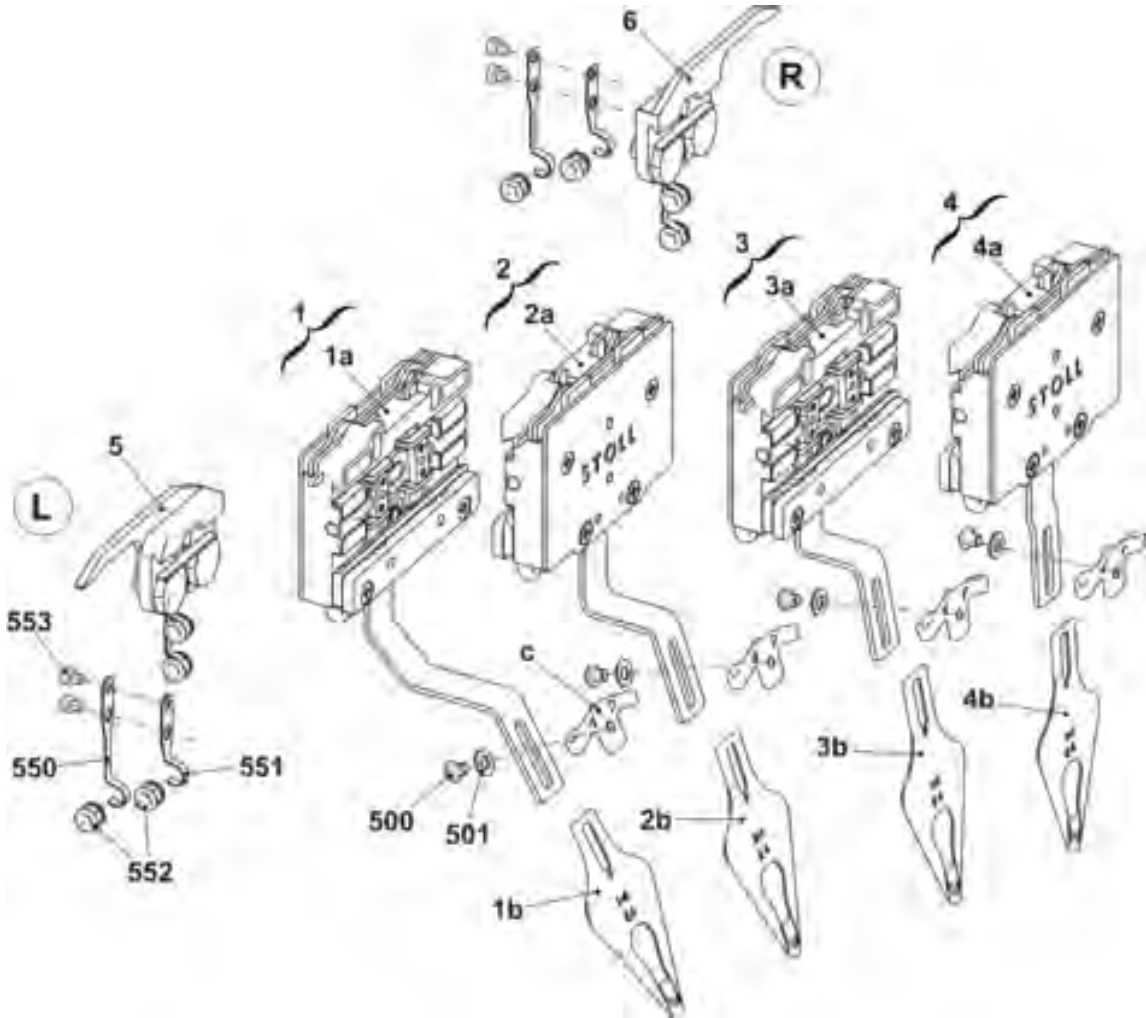
17.27 Yarn guide complete (32 IFF)
E10|E12|E14|E7.2|E6.2(12m.10)|E14/12

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete IFF E10-14	245 163			
1	IFF carriage complete 1+8 E10-14 (8 pieces)	259 740	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	260 612		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (8 pieces)	259 741		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 E10-14	260 614	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (8 pieces)	259 742	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 E10-14	260 610	501	Washer4	020 870
4	IFF carriage complete 4+5 E10-14 (8 pieces)	259 743			
	4a IFF carriage E10-14	259 731			
	4b Yarn carrier head 3-6 complete E10-14	260 610			



17.28 Yarn guide complete (32 IFF) E16 | E18 | E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete IFF E16-18	245 164			
1	IFF carriage complete 1+8 E16-18 (8 pieces)	259 744	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	261 516		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (8 pieces)	259 745		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 E16-18	261 517	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (8 pieces)	259 746	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 E16-18	261 518	501	Washer4	020 870
4	IFF carriage complete 4+5 E16-18 (8 pieces)	259 747			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E16-18	261 518			



17.29 Yarn guide complete (32 IFF) E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF	245 162			
1	IFF carriage complete 1+8 E7-8 (8 pieces)	259 736	5	Limiter on the left with two eyelets (8 pieces)	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 (8 pieces)	259 737		552 Eyelet 4,2	021 499
	2a IFF carriage 2+7	259 729		553 Cap screwM3,5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (8 pieces)	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	Washer4	020 870
4	IFF carriage complete 4+5 E7-8 (8 pieces)	259 739			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E7-8	244 084			

