

Spare-parts catalog

CMS 822 (Type 623)

Component type 003

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

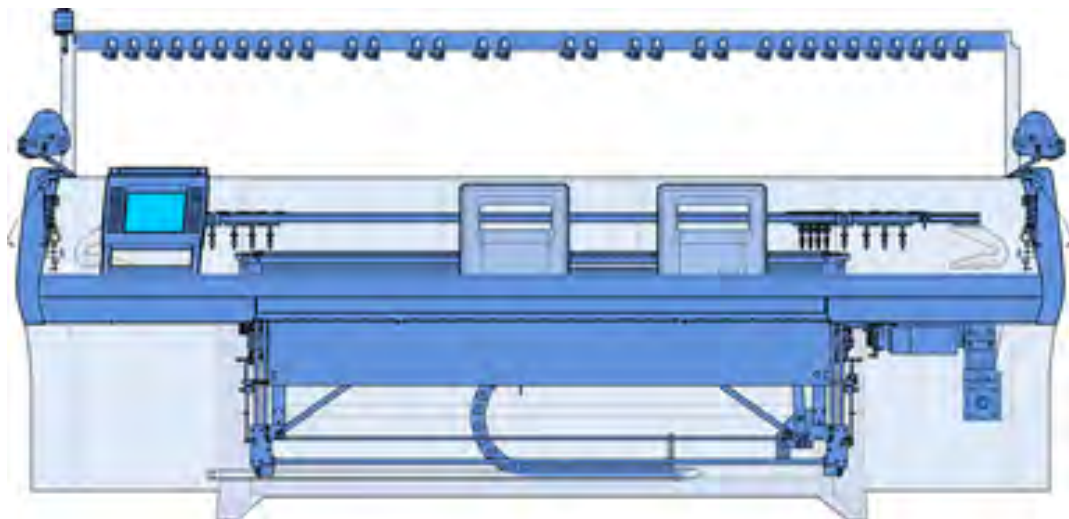


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1 Introduction

Imprint

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

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Notes for the order

This catalog serves to order spare parts.

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

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

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

Only genuine STOLL spare parts may be used for repairs.

1.1 Search help

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

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

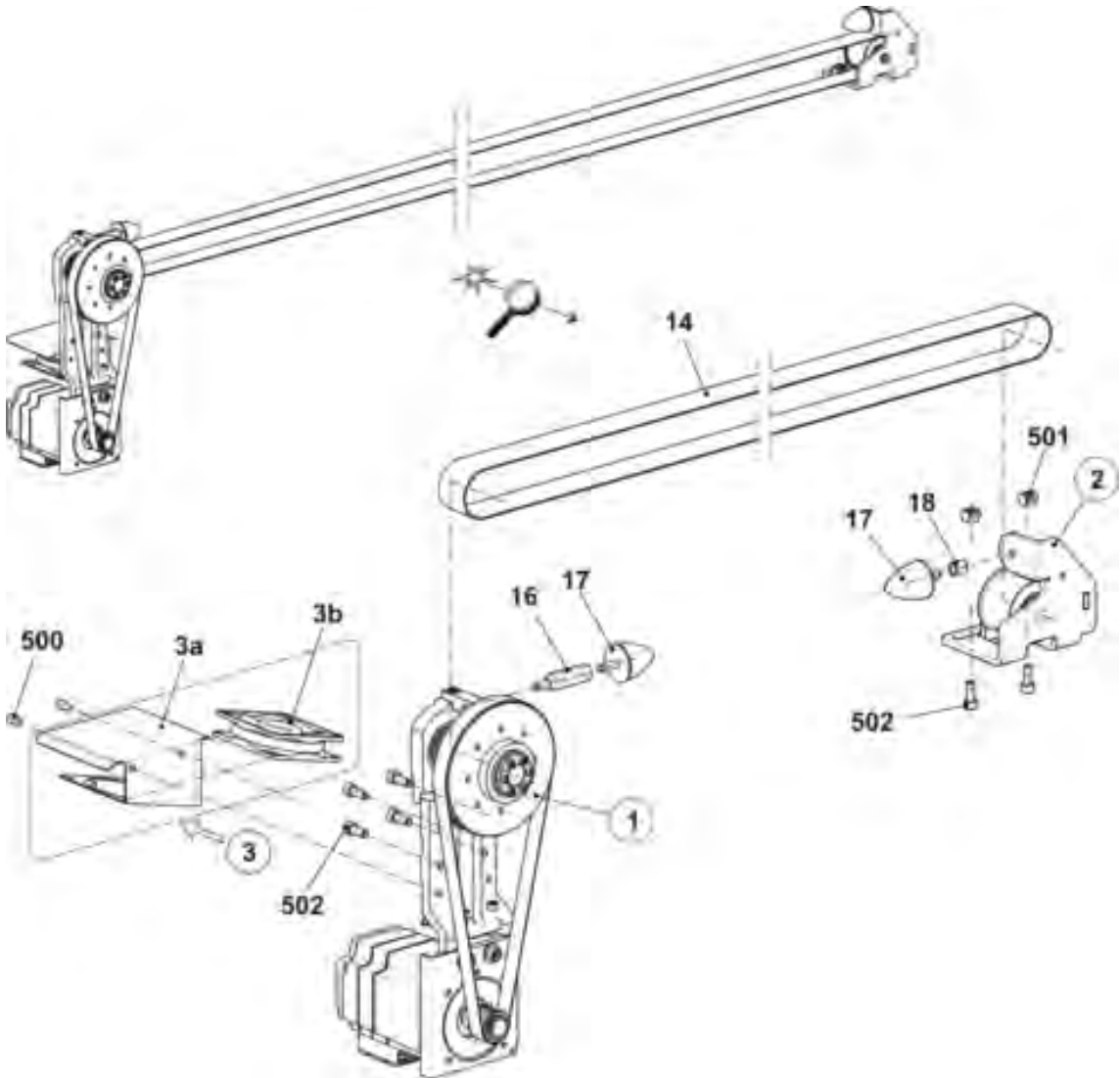
Notes:

2 Carriage drive



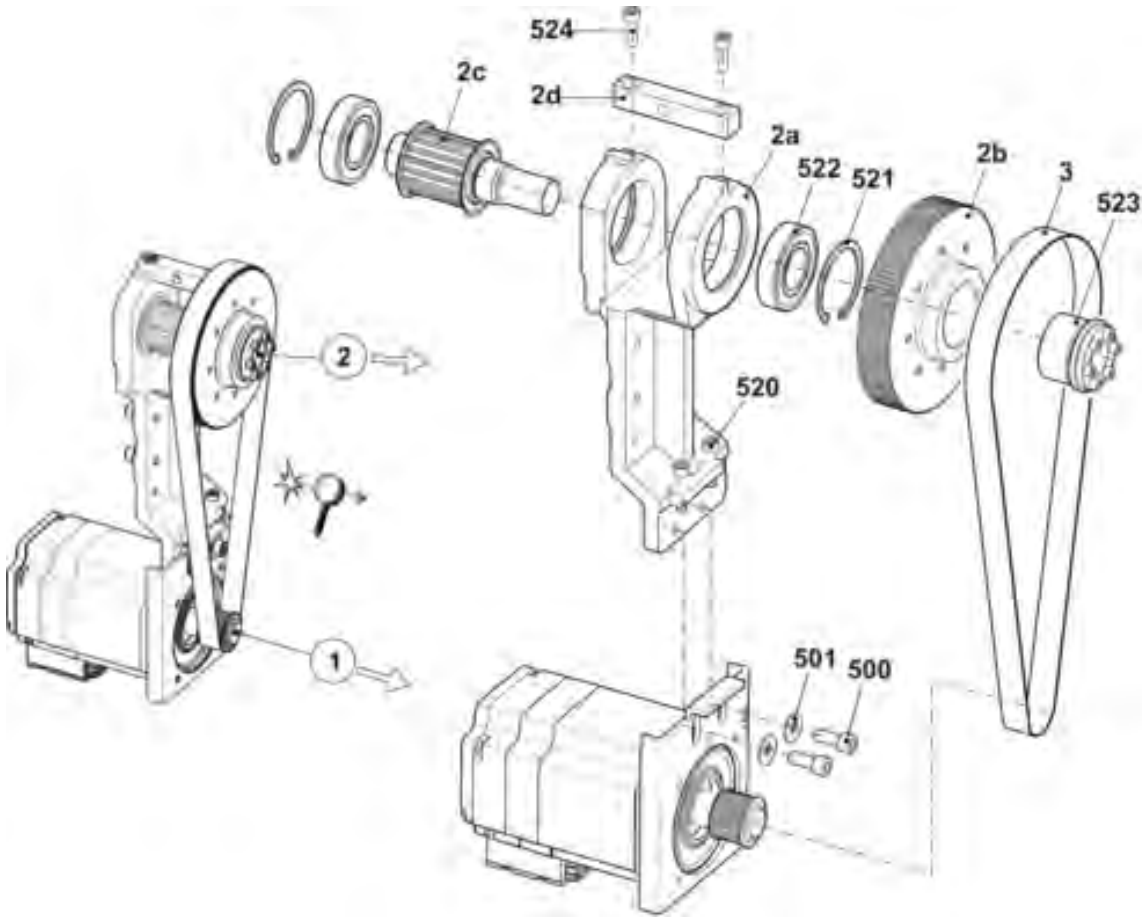
2.1 Drive

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Drive unit				
1	Drive unit complete	240 743	16	Hexagon bolt	238 922
2	Tension bearing complete	251 581	17	Parabolic spring	200 661
3	Fan complete	242 413	18	Spacer pipe	222 099
	3a	Fan plate drive motor	500	Cap screws M8x12	023 138
	3b	Fan complete 512	501	Sliding nut M10X12	023 471
14	Toothed belt50AT10/7150	236 656	502	Cap screw M10X25	020 157



2.1.1 Motor and belt drive

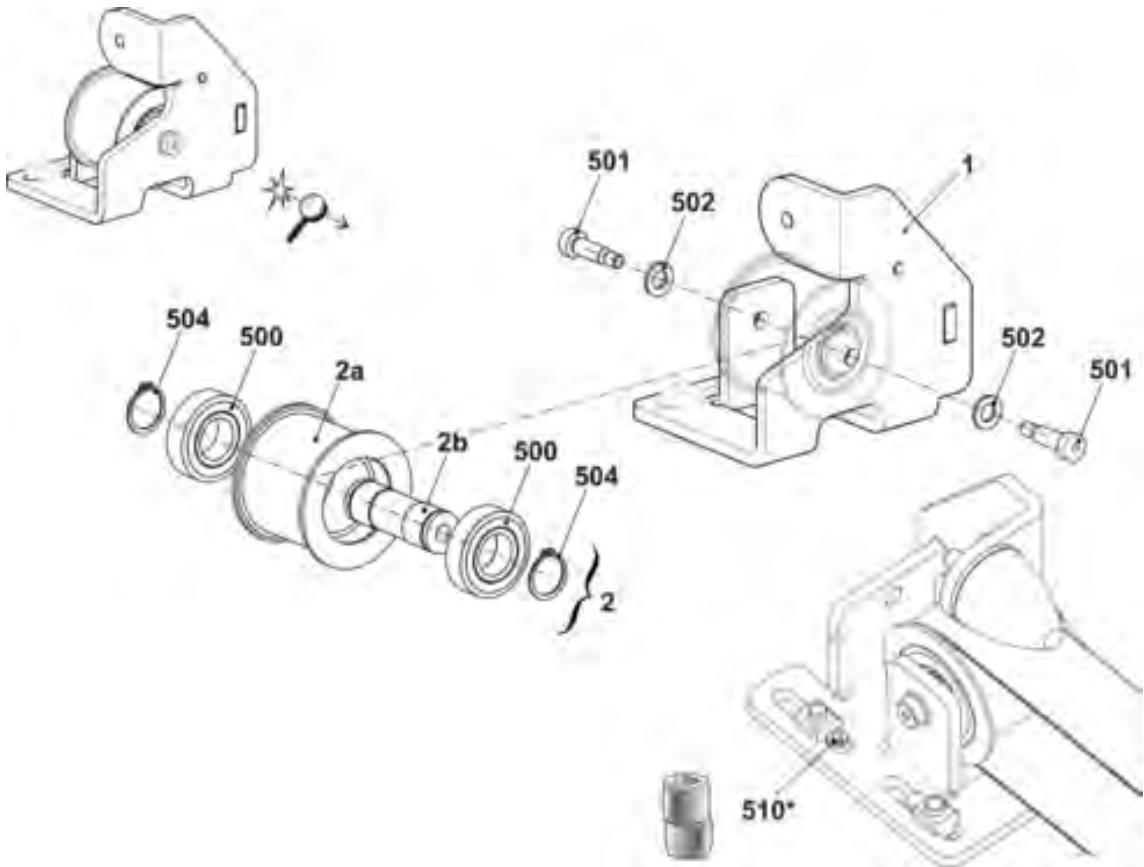
Pos	Designation		Id. no.		Pos	Designation		Id. no.	
Σ	Drive unit complete		240 743						
1	Drive unit		256 301			521	Retaining ring68x2.5		022 914
2	Drive bearing		255 005			522	Grooved ball bearing 6207-2RS		022 915
	2a	Drive bearing ECO2	252 634			523	Tension set 30X55		023 208
	2b	Toothed belt pulley	240 616			524	Cap screw M8X25 12.9		020 142
	2c	Pinion57 AT10 18	242 039		3	Toothed belt250 HP-S5M 1050 NG		240 628	
	2d	Support of buffer	222 100		500	Cap screw M10X25		020 157	
520	Cap screw M8X35	020 144	501		Disk10,5X25X2,5		022 178		



2.1 Drive

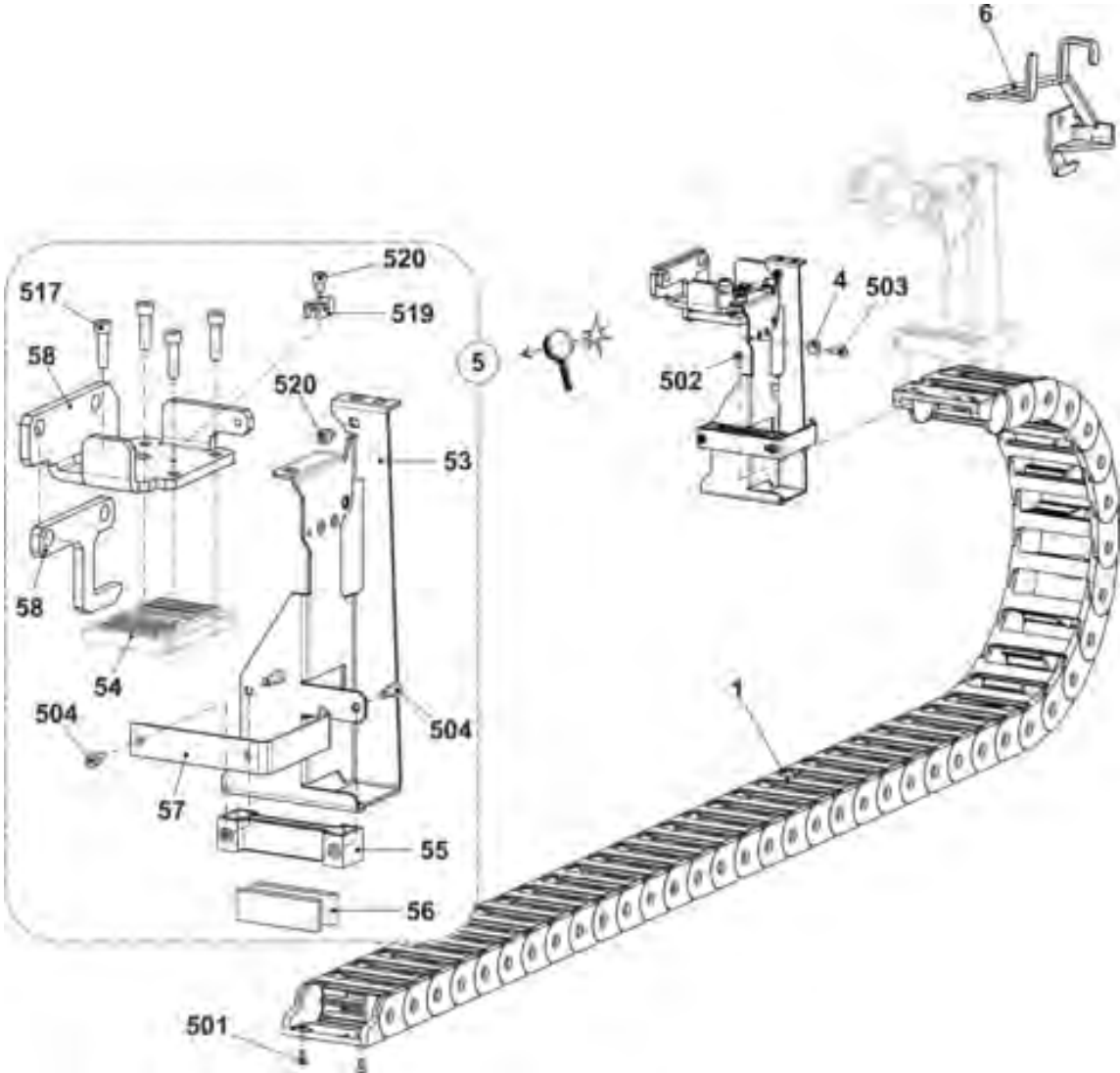
2.1.2 Tension bearing

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



2.2 Energy chain and plunger

Notes:

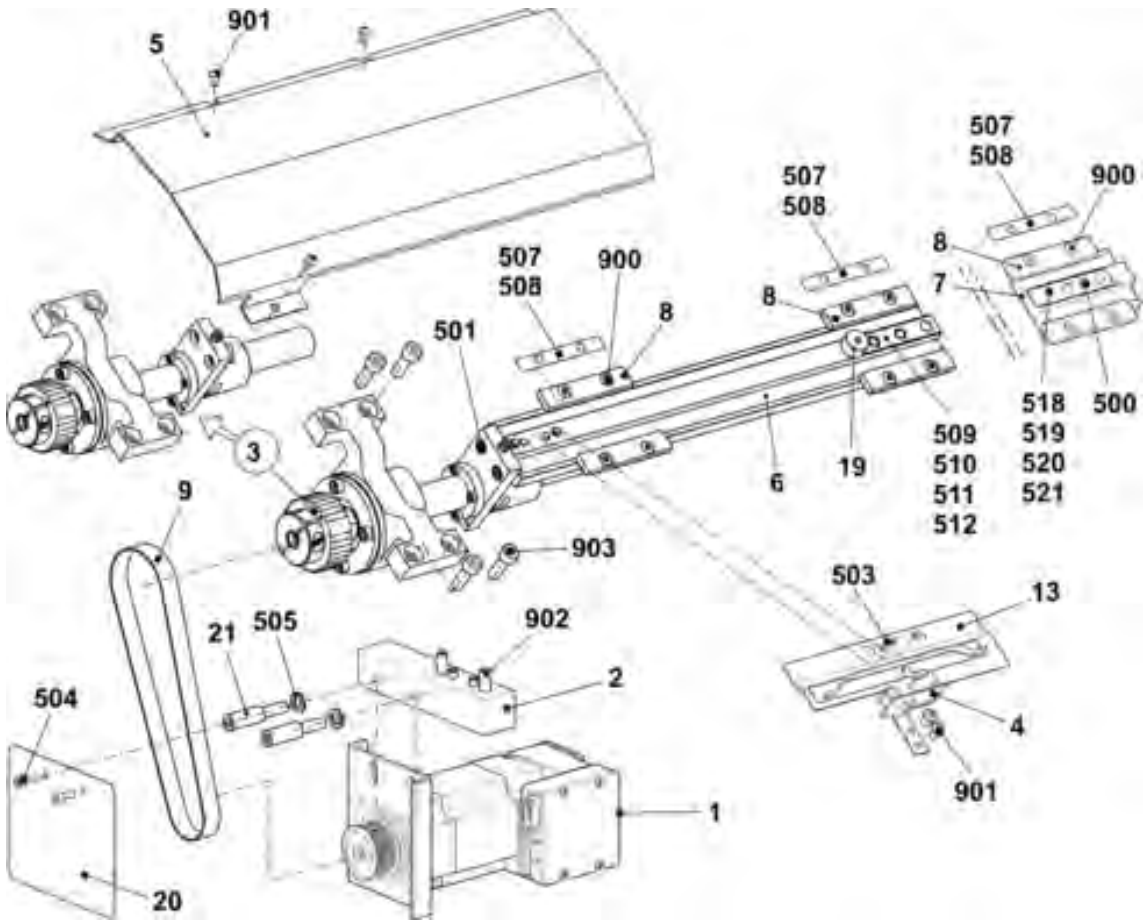
3 Racking



3.1 Racking drive

3.1 Racking drive

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



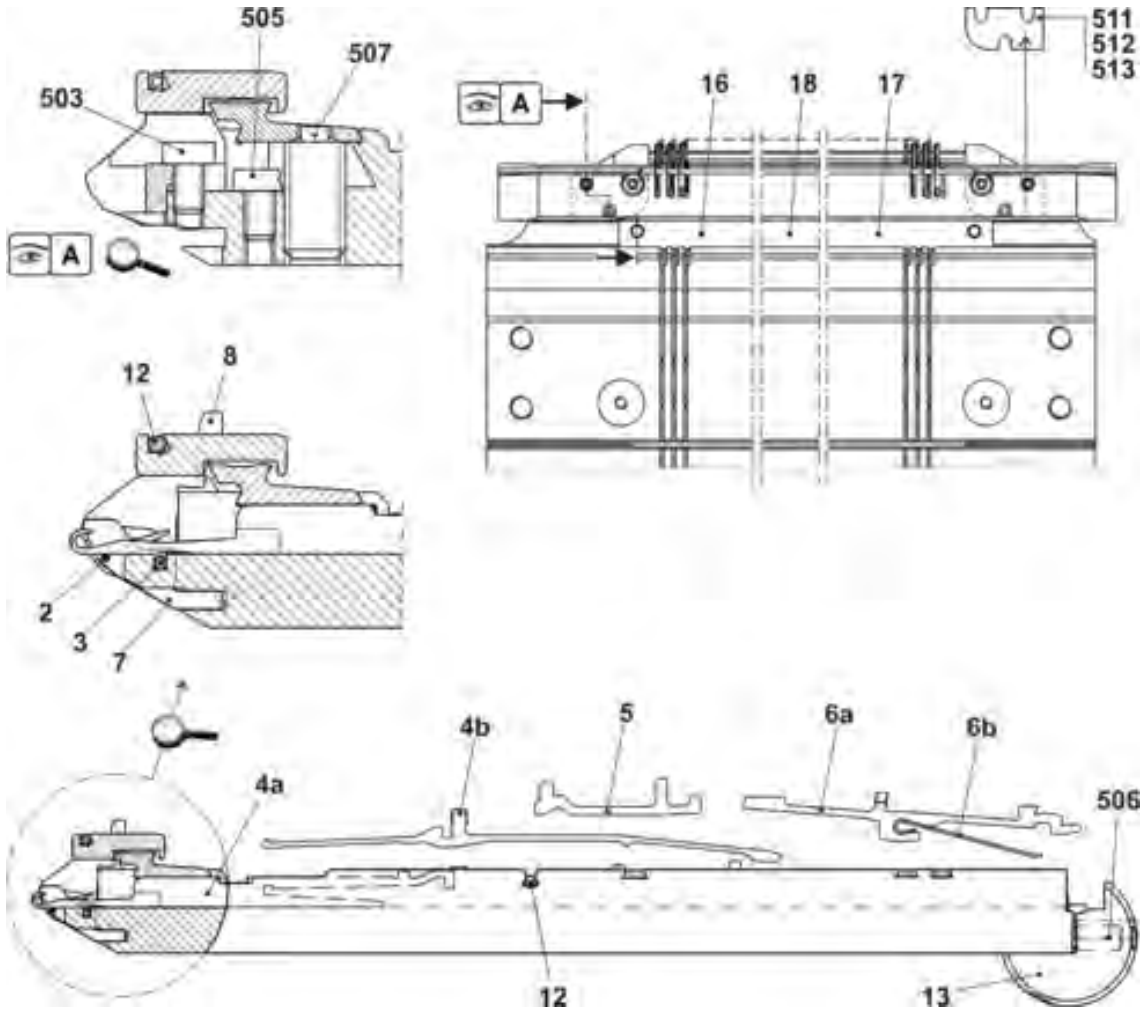
4 Needle beds



4.1 Needle bed E10

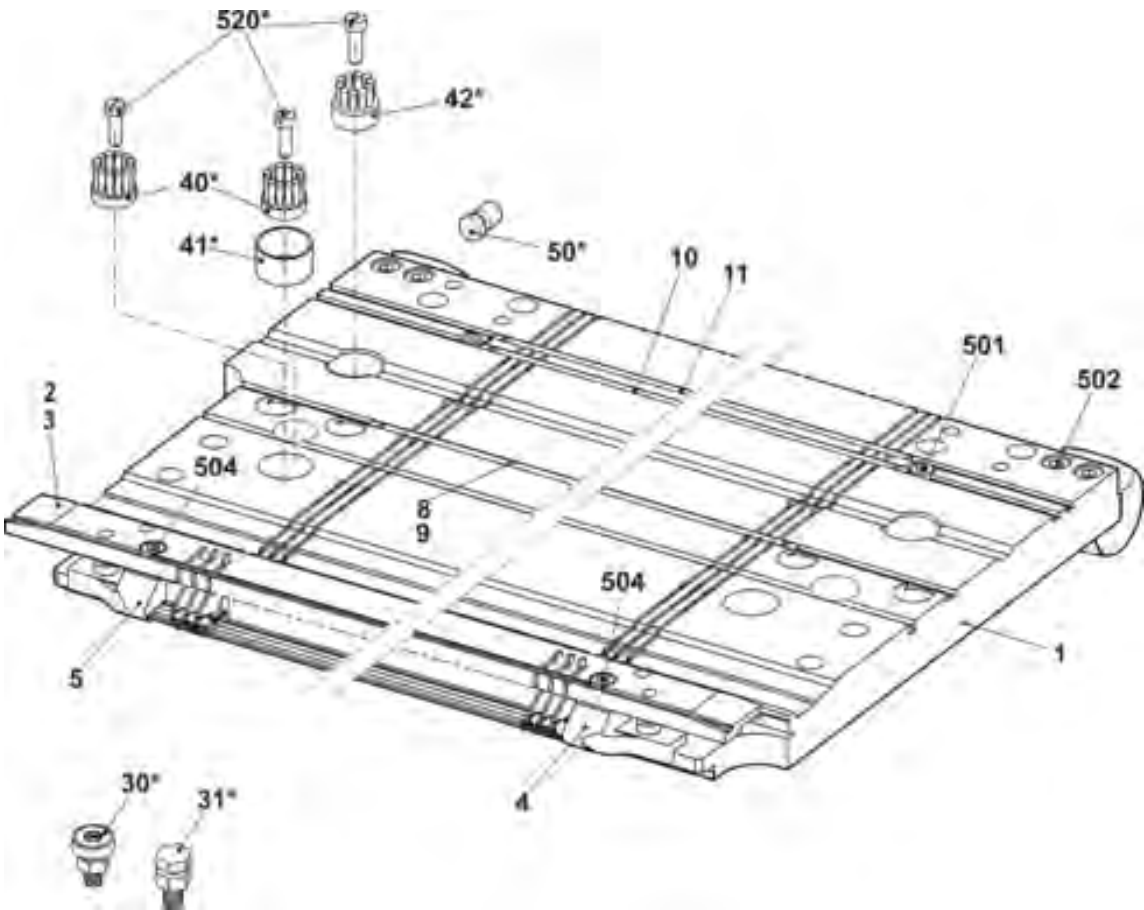
4.1 Needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE10	256 533		13	Support	206 352
2	Spring steel wire E10-14 Ø0,6	223 849		16	Needle bar on the left	205 311
3	Spring steel wire Ø2,0	223 854		17	Needle bar on the right	205 312
4a	Needle E10 with round hook	205 398		18	Needle bar in the middle	237 387
4b	Coupling part E10-12	253 382		503	Cap screw M5x8-8.8	023 154
5	Intermediate slider with brake E10-12	255 535		505	Cap screw M5x8	023 379
6a	Selector spring E10-12	200 691		506	Setscrew M6x12-45	022 400
6b	Selection jack E10-12	200 688		507	Springy thrust piece B-M10	023 177
7	Knock-over bit E10	239 756		511	Shim0,05x18,5x34	023 196
8	Holding-down jack trick wallE10	239 815		512	Shim0,1x18,5x34	023 197
12	Locating wire Ø2,8	223 862		513	Shim0,2x18,5x34	023 253



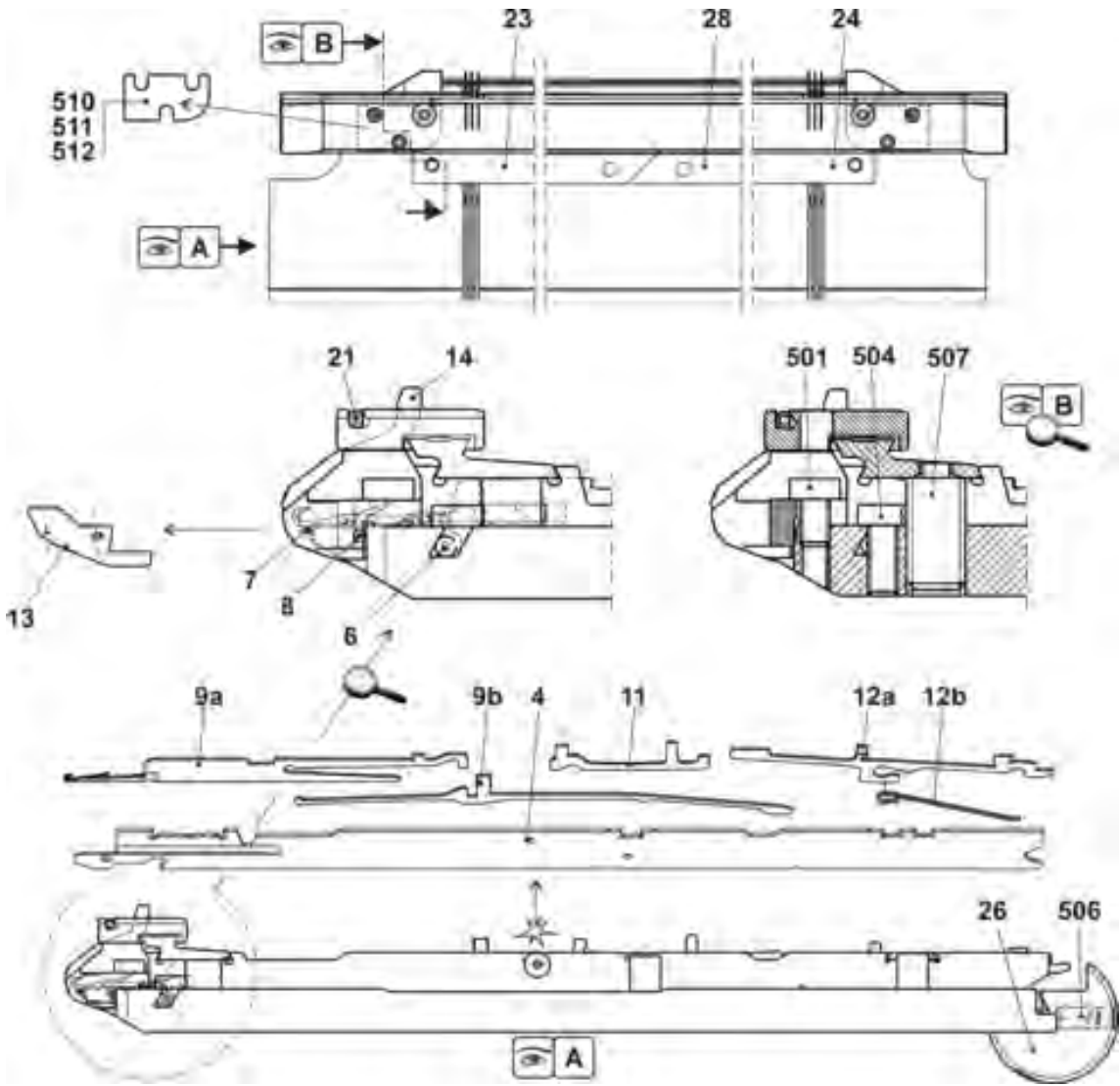
4.1.1 Continuation needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE10	256 535		501	Cap screw M5x10	022 918
1	Needle bed at the front + rearE10	253 461		502	Cap screw M6x25	020 137
2	Holding-down jack bed at the rear E10	238 030		504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E10	238 024		30*	Adjusting piece	206 375
4	Limiter on the left E10-14	205 764		31*	Set screw complete	207 712
5	Limiter on the right E10-14	205 765		40*	Disk brush	235 612
8	Cover rail at the rear	237 379		41*	Container disk brush	233 012
9	Cover rail at the front E5.2	237 506		42*	Disk brush ø12	202 600
10	Cover rail	237 382		50*	Adjusting bolt	240 765
11	Cover rail	237 383		520*	Cap screw M5x12	020 032



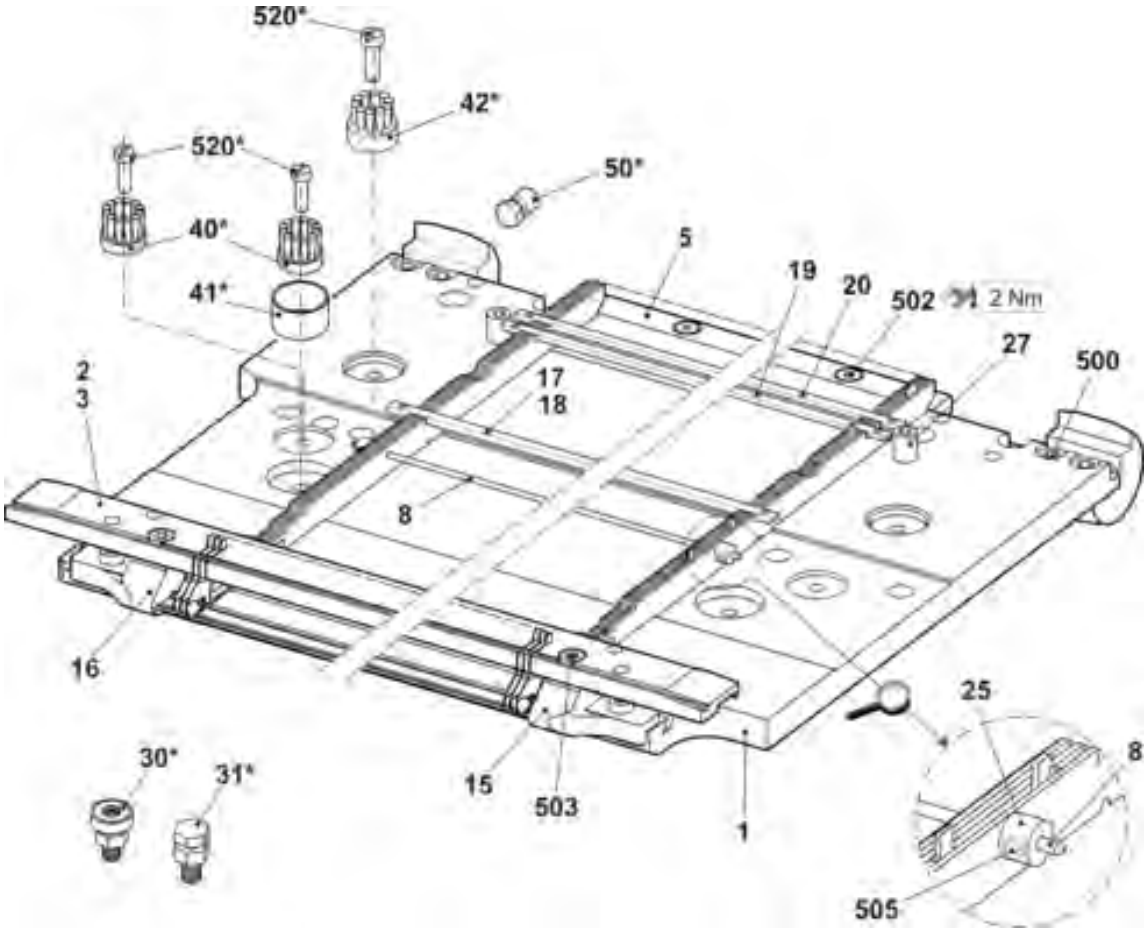
4.2 Needle bed E12

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12	256 534		21	Locating wire Ø2,8	223 862
4	Main trick wall E12	260 343		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E12	204 009		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E10-12	253 382		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10-12	255 535		506	Setscrew M6x12-45	022 400
12a	Selection jack E10-12	200 688		507	Springy thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691		510	Shim0,05x18,5x34	023 196
13	Knock-over bit E12	259 212		511	Shim0,1x18,5x34	023 197
14	Holding-down jack trick wallE12	259 213		512	Shim0,2x18,5x34	023 253



4.2.1 Continuation needle bed E12

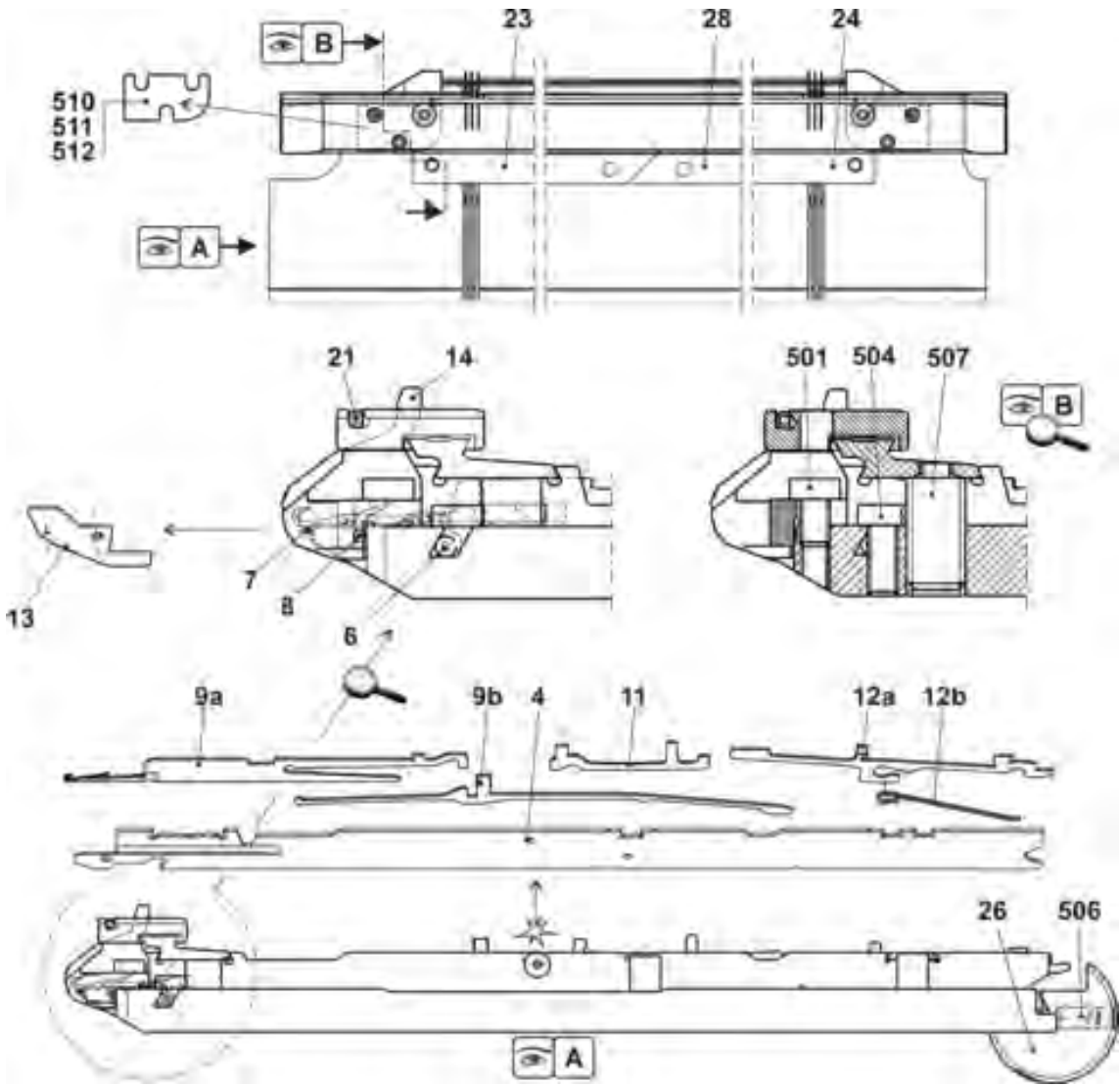
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12	256 534				
1	Needle bed at the front + rearE6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E12	238 025		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E12	238 031		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.3 Needle bed E14

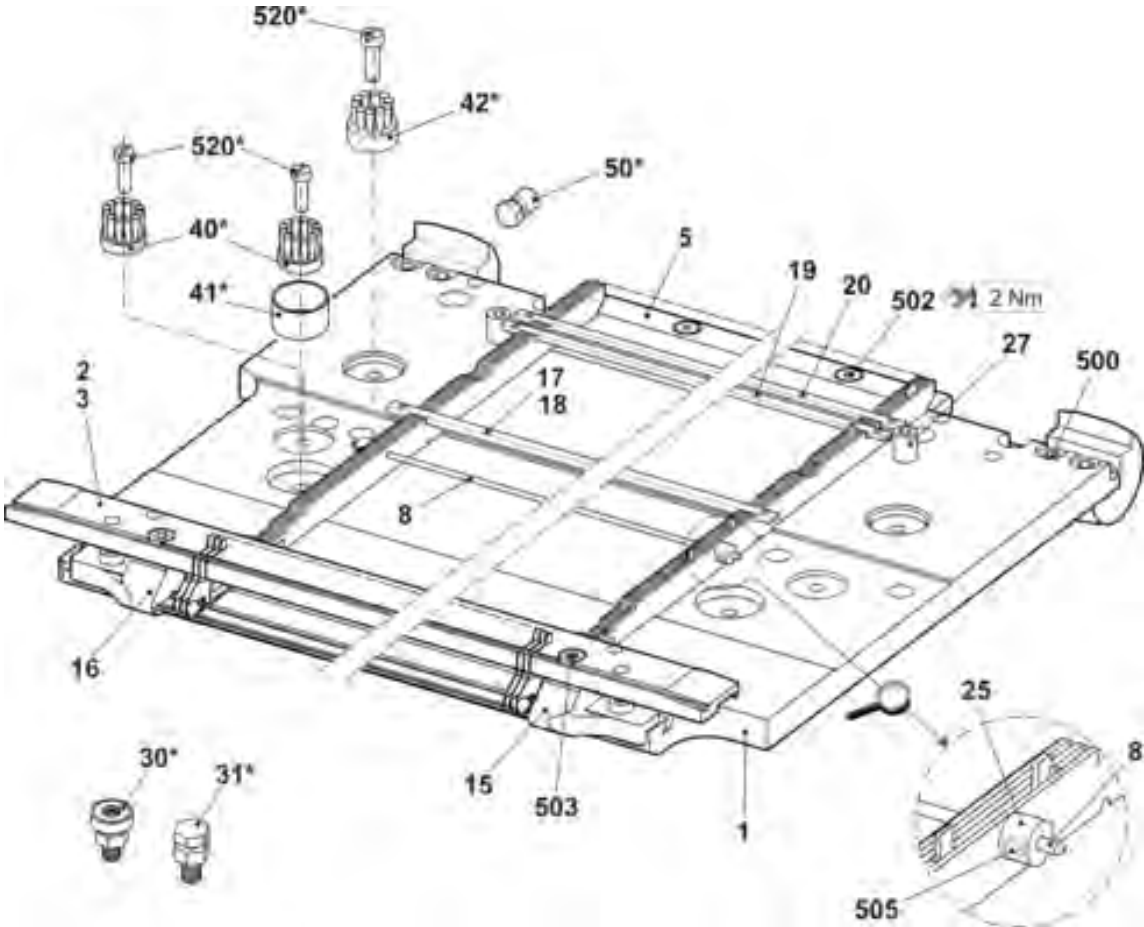
4.3 Needle bed E14

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE14	256 535				
4	Main trick wall E14	260 344		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E14	209 614		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E14	253 383		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E14	255 536		506	Setscrew M6x12-45	022 400
12	Selection jack with spring E14	224 725		507	Springy thrust piece B-M10	023 177
13	Knock-over bit E14	209 649		510	Shim0,05x18,5x34	023 196
14	Holding-down jack trick wallE14	235 262		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	223 862		512	Shim0,2x18,5x34	023 253



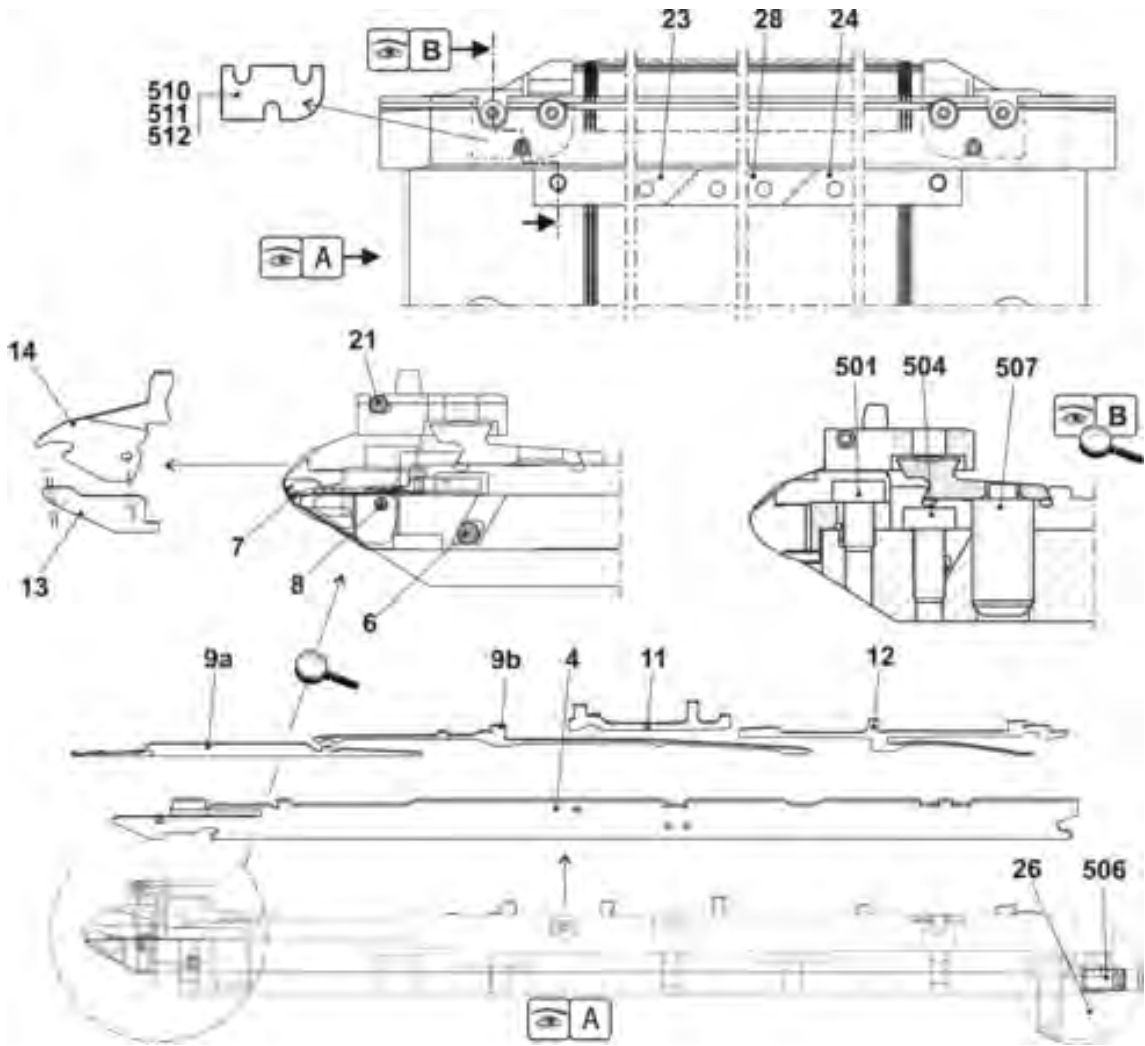
4.3.1 Continuation needle bed E14

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE14	256 535				
1	Needle bed at the front + rearE14 E7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E14	238 026		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E14	238 032		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E7.2	237 508		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



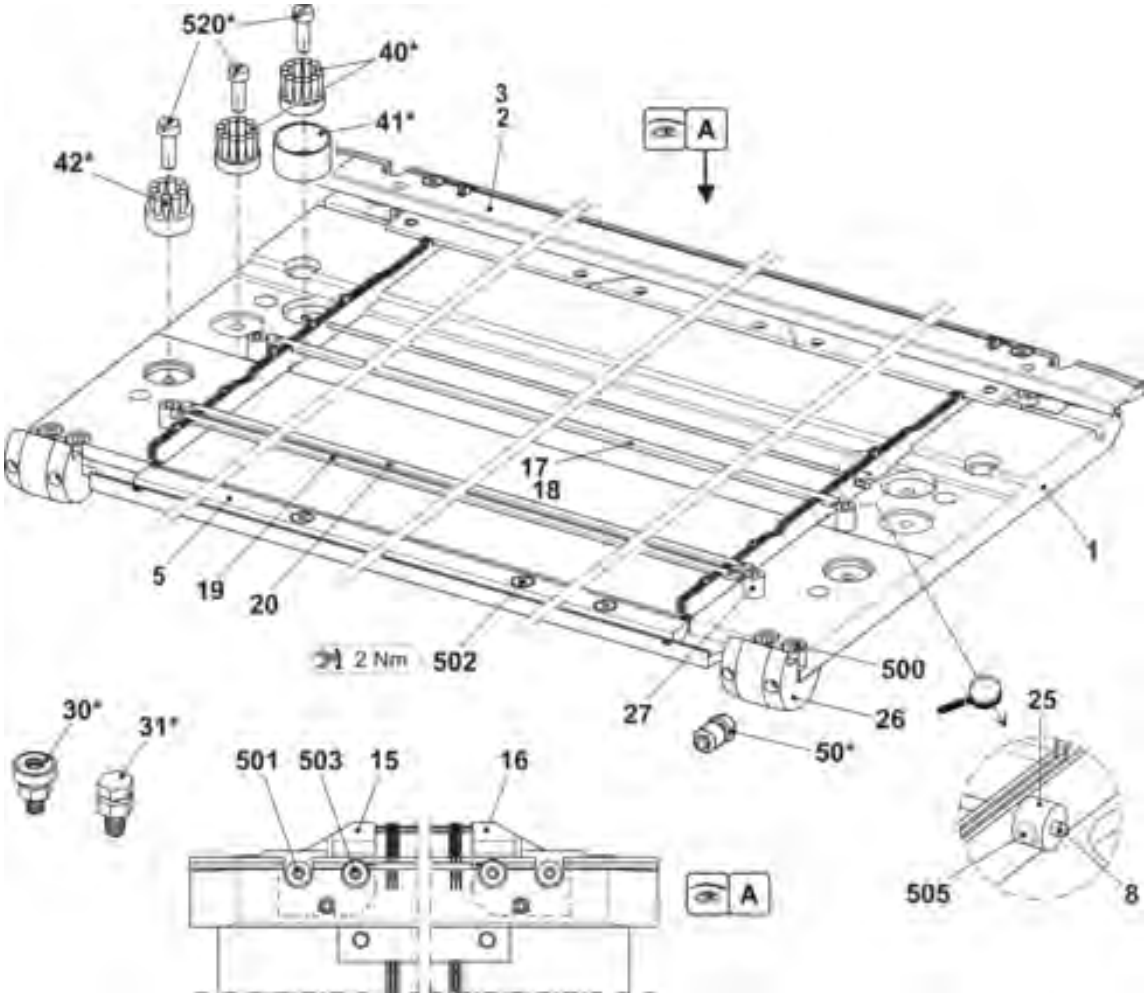
4.4 Needle bed E16

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE16	256 536				
4	Main trick wall E16	245 319		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E16-18	232 243		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537		506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265		507	Springy thrust piece B-M10	023 177
13	Knock-over bit 0.8 mm E16-18	261 865		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E16	264 106		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950		512	Shim0,2x18,5x34	023 253



4.4.1 Continuation needle bed E16

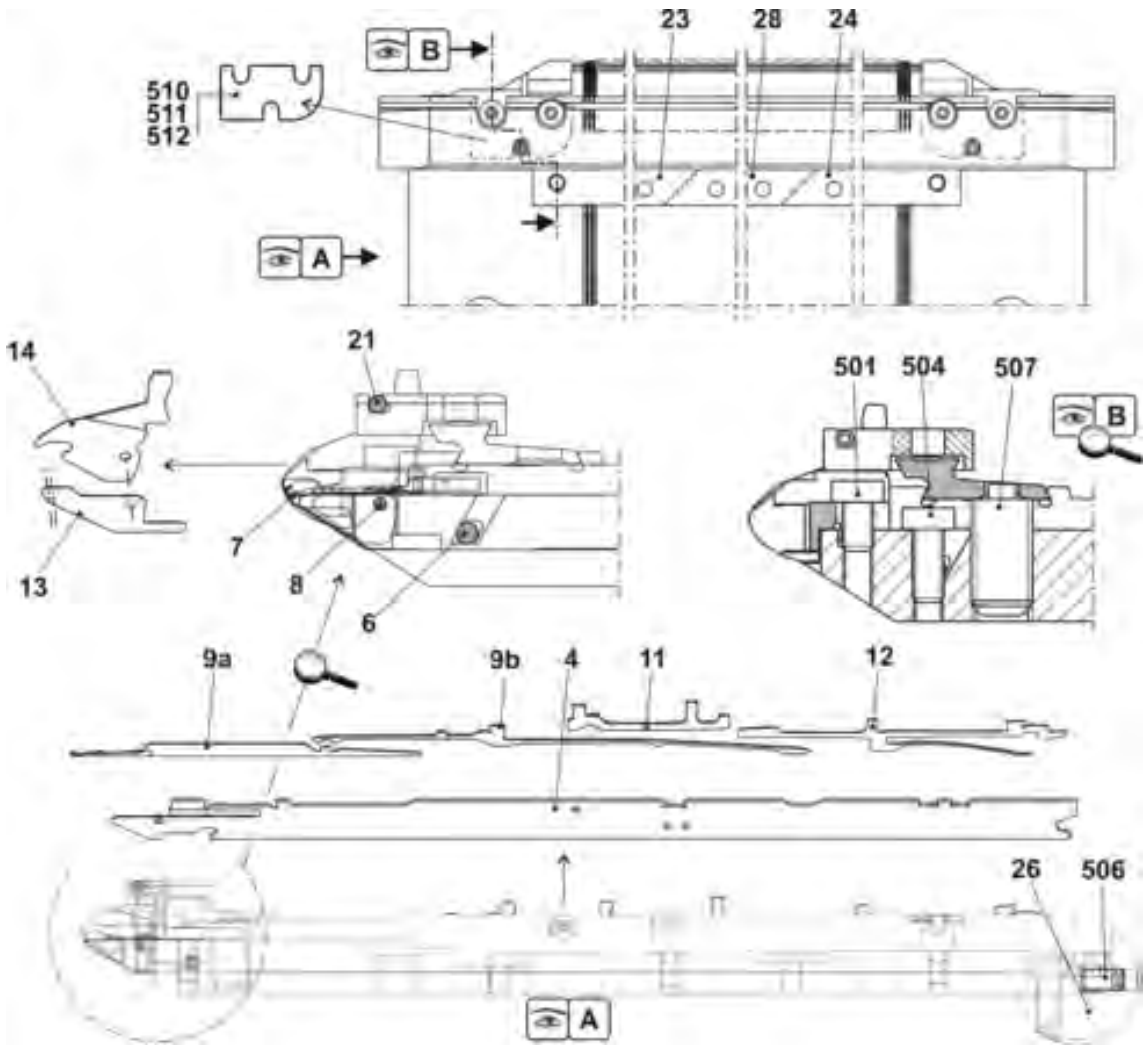
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE16	256 536				
1	Needle bed at the front + rearE16	253 466		27	Stop screw	235 244
2	Holding-down jack bed at the front E16	238 917		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E16	238 920		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E16	238 925		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.5 Needle bed E18

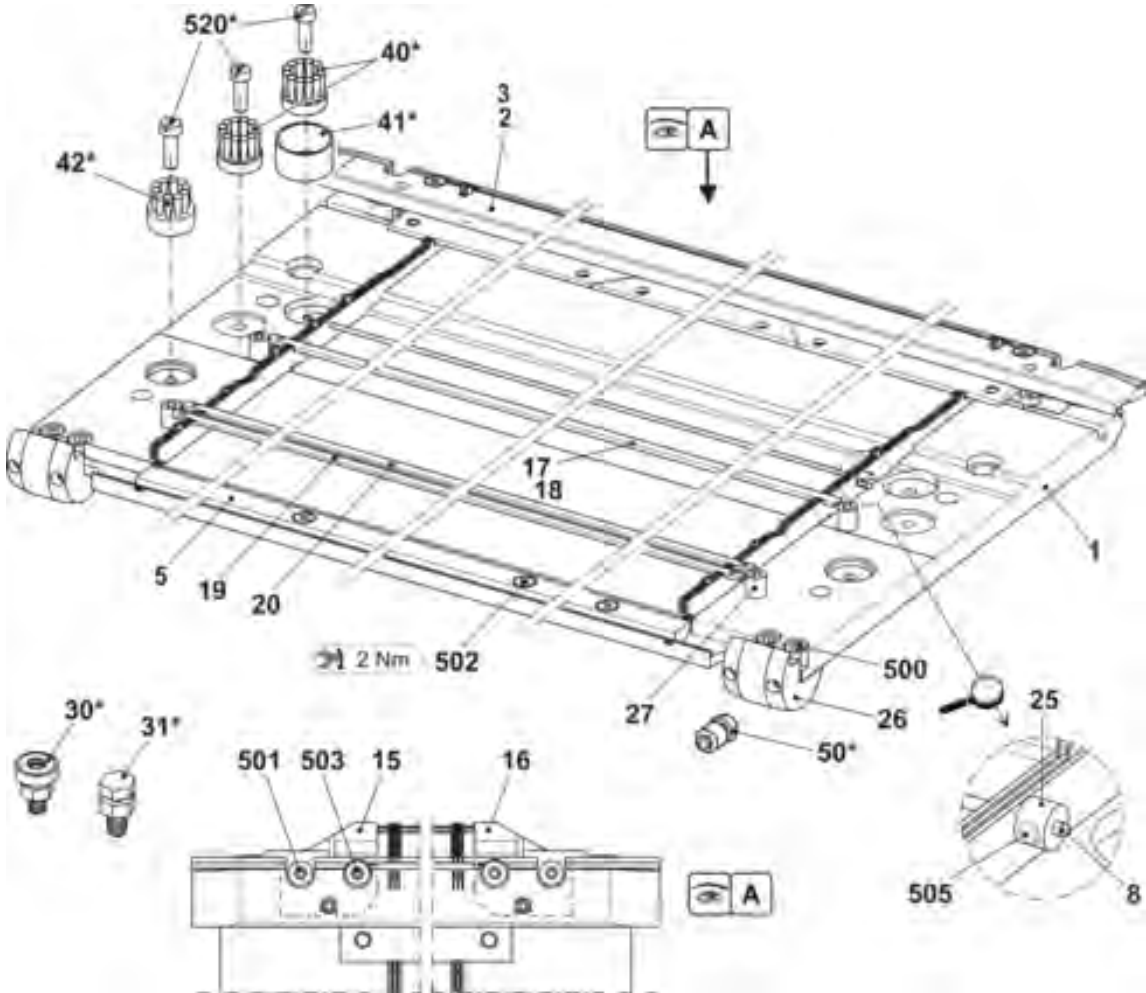
4.5 Needle bed E18

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE18	255 114				
4	Main trick wall E18	251 051		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E18	239 527		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537		506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265		507	Springy thrust piece B-M10	023 177
13	Knock-over bit 0,8 mm E18	263 927		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E18	264 107		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950		512	Shim0,2x18,5x34	023 253



4.5.1 Continuation needle bed E18

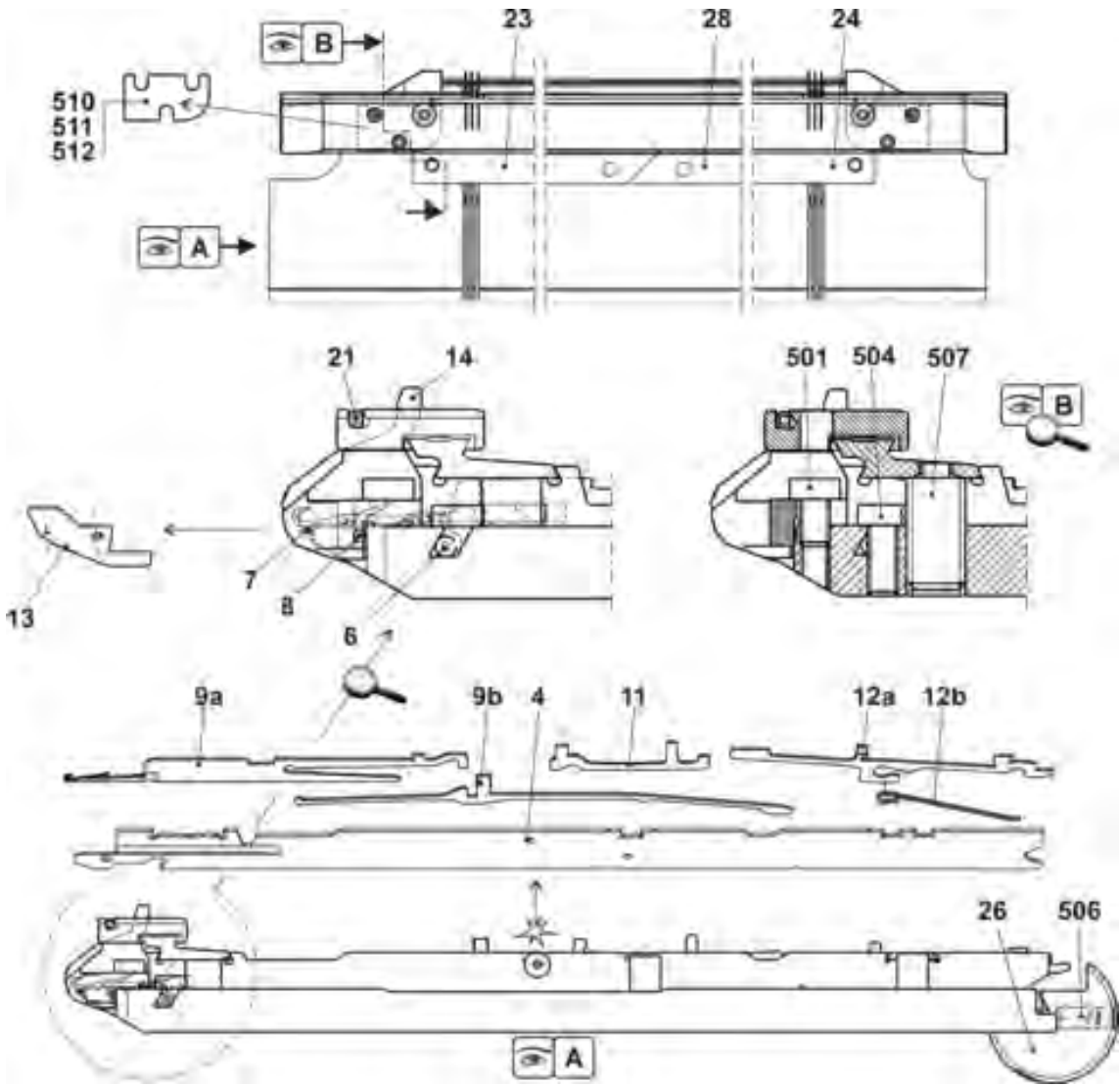
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE18	255 114				
1	Needle bed at the front + rearE18	253 467		27	Stop screw	235 244
2	Holding-down jack bed at the front E18	238 918		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E18	238 921		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E9.2	238 020		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



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

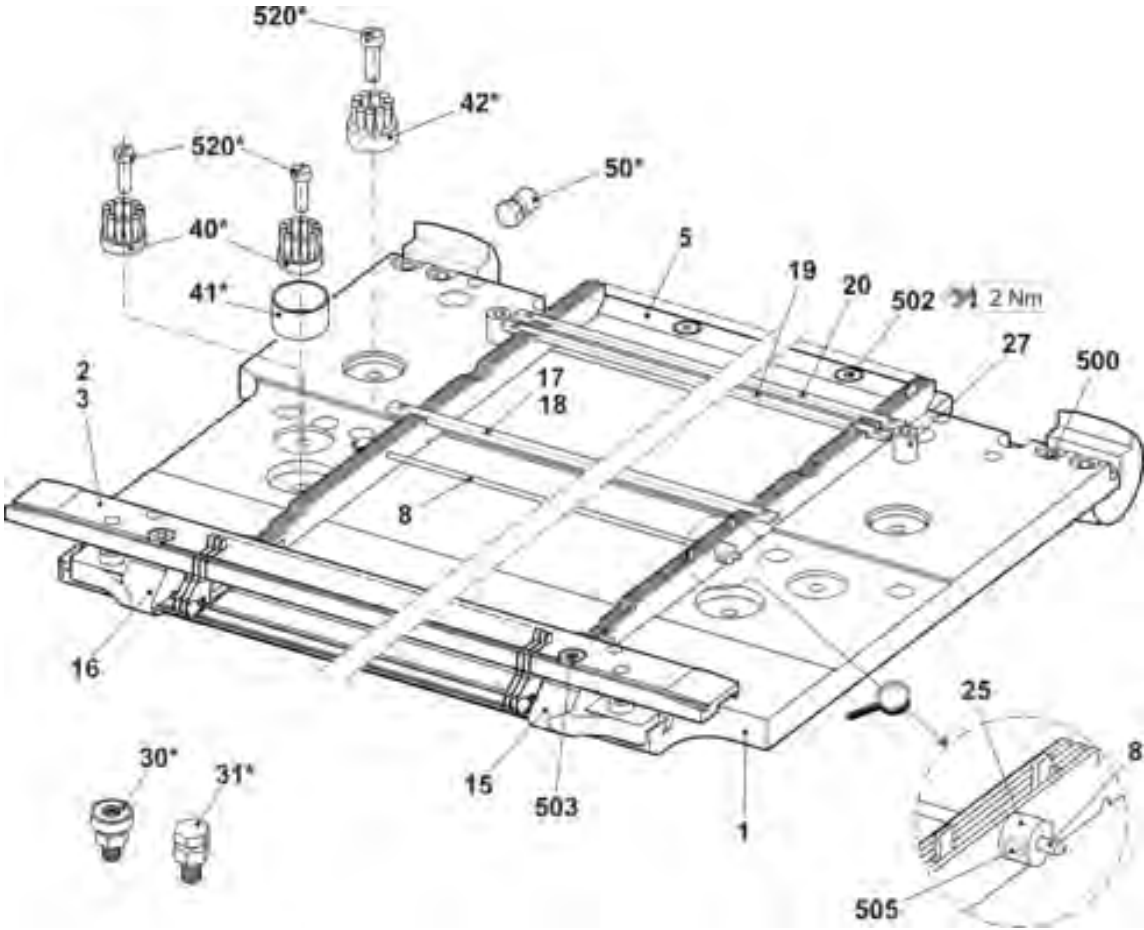
4.6 Needle bed E6.2(12m.10)

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12m.10	256 537	21	Locating wire Ø2,8	223 862
4	Main trick wall E12	260 343	23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868	24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849	26	Support	206 352
8	Spring steel wire Ø2	251 085	28	Needle bar in the middle	237 387
9a	Needle E10 with round hook	205 398	501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E10-12	253 382	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10-12	255 535	506	Setscrew M6x12-45	022 400
12a	Selection jack E10-12	200 688	507	Springy thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691	510	Shim0,05x18,5x34	023 196
13	Knock-over bit E12	259 212	511	Shim0,1x18,5x34	023 197
14	Holding-down jack trick wallE12	259 213	512	Shim0,2x18,5x34	023 253



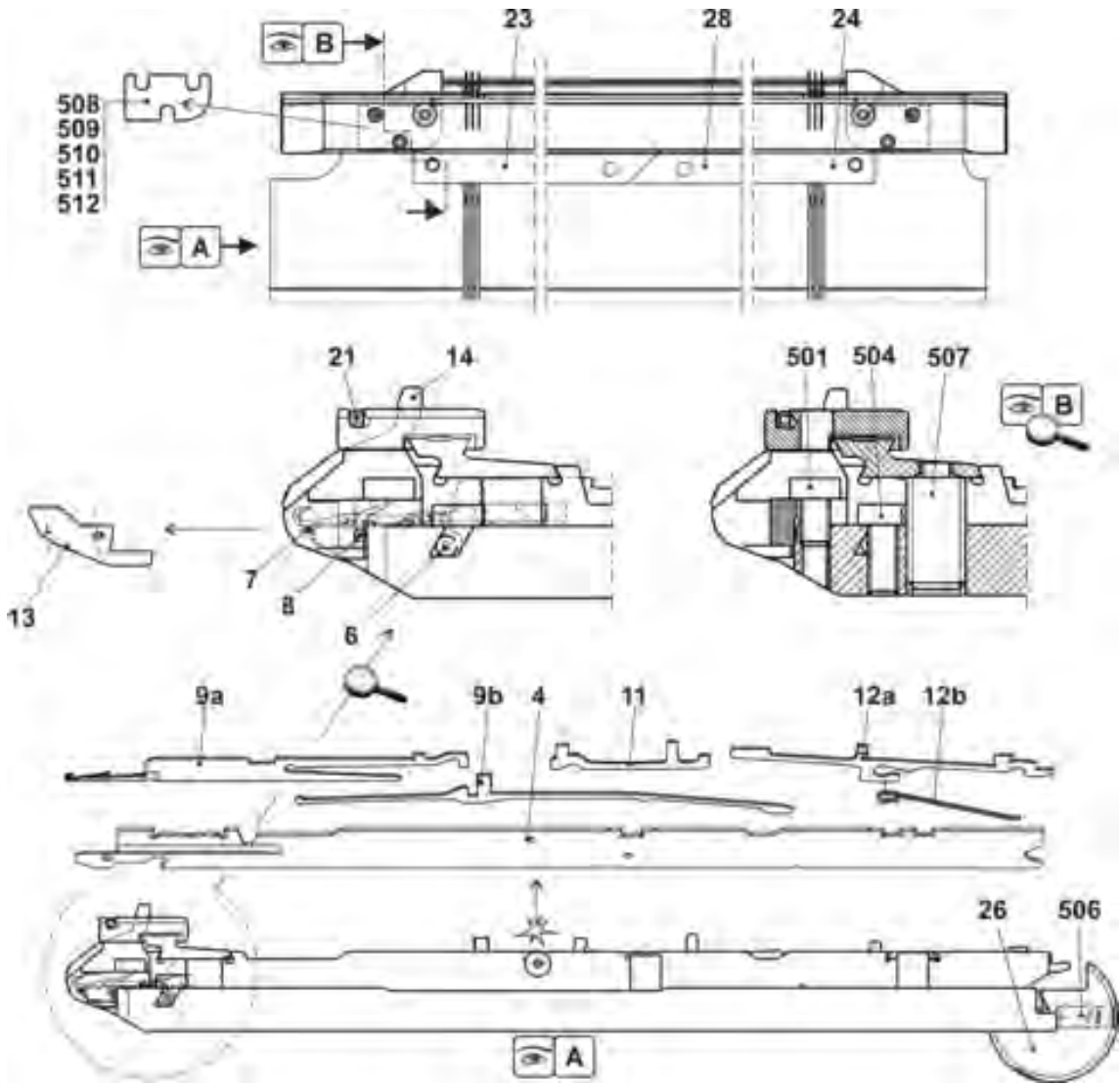
4.6.1 Continuation needle bed E6.2(12m.10)

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12m.10	256 537				
1	Needle bed at the front + rearE12 E6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E12	238 025		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E12	238 031		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



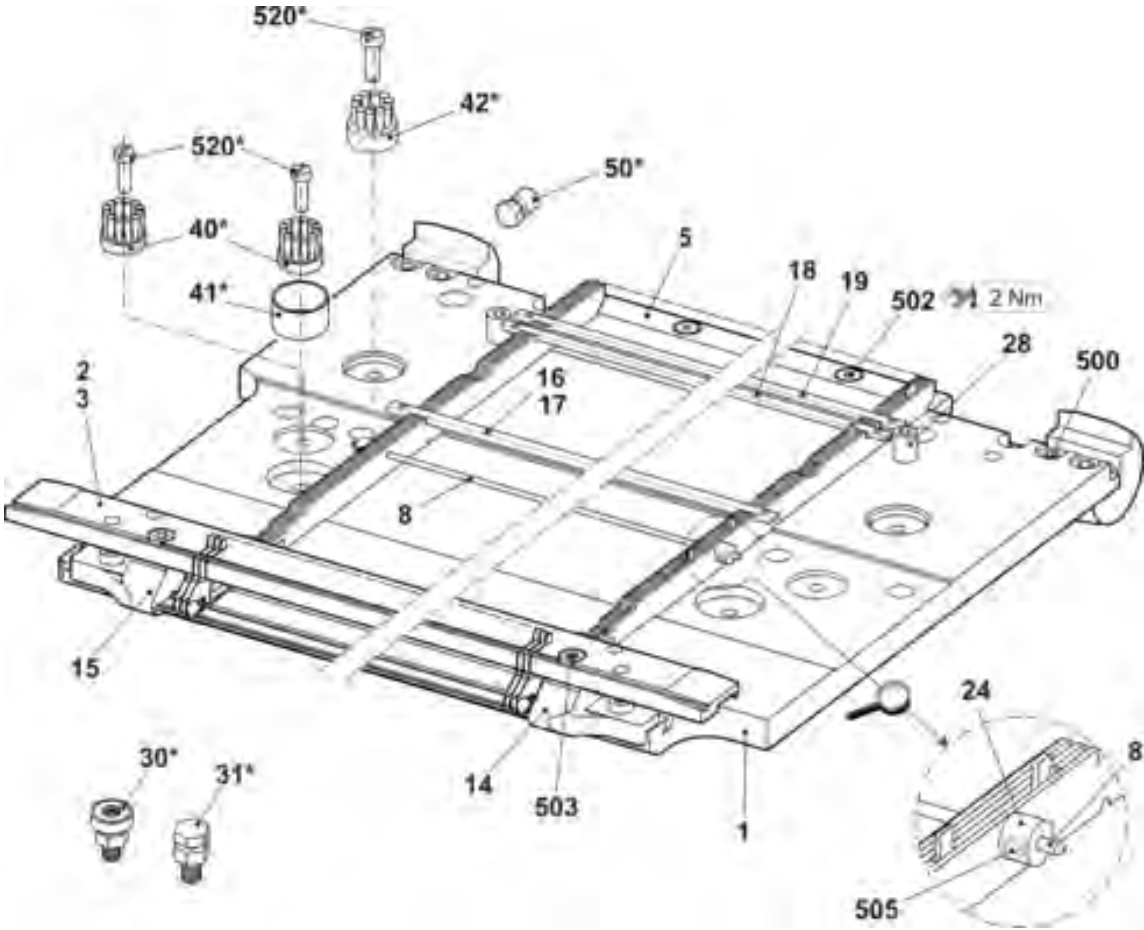
4.7 Needle bed E6.2 k&w

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE6.2	253 194		20	Locating wire Ø2,8	223 862
4	Main trick wall E12	260 343		22	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		23	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		25	Support	206 352
8	Spring steel wire Ø2	251 085		27	Needle bar in the middle	237 387
9a	Needle E6.2	207 349		501	Cap screw M5x8	023 154
9b	Coupling part E10-12	253 382		504	Cap screw M5x12	022 943
10	Intermediate slider with brake E10	255 535		506	Setscrew M6x12-45	022 400
11a	Selection jack E10-12	200 688		507	Springy thrust piece B-M10	023 177
11b	Selector spring E10-12	200 691		510	Shim0,05x18,5x34	023 196
12	Knock-over bit E6.2	237 863		511	Shim0,1x18,5x34	023 197
13	Holding-down jack E6.2	237 852		512	Shim0,2x18,5x34	023 253



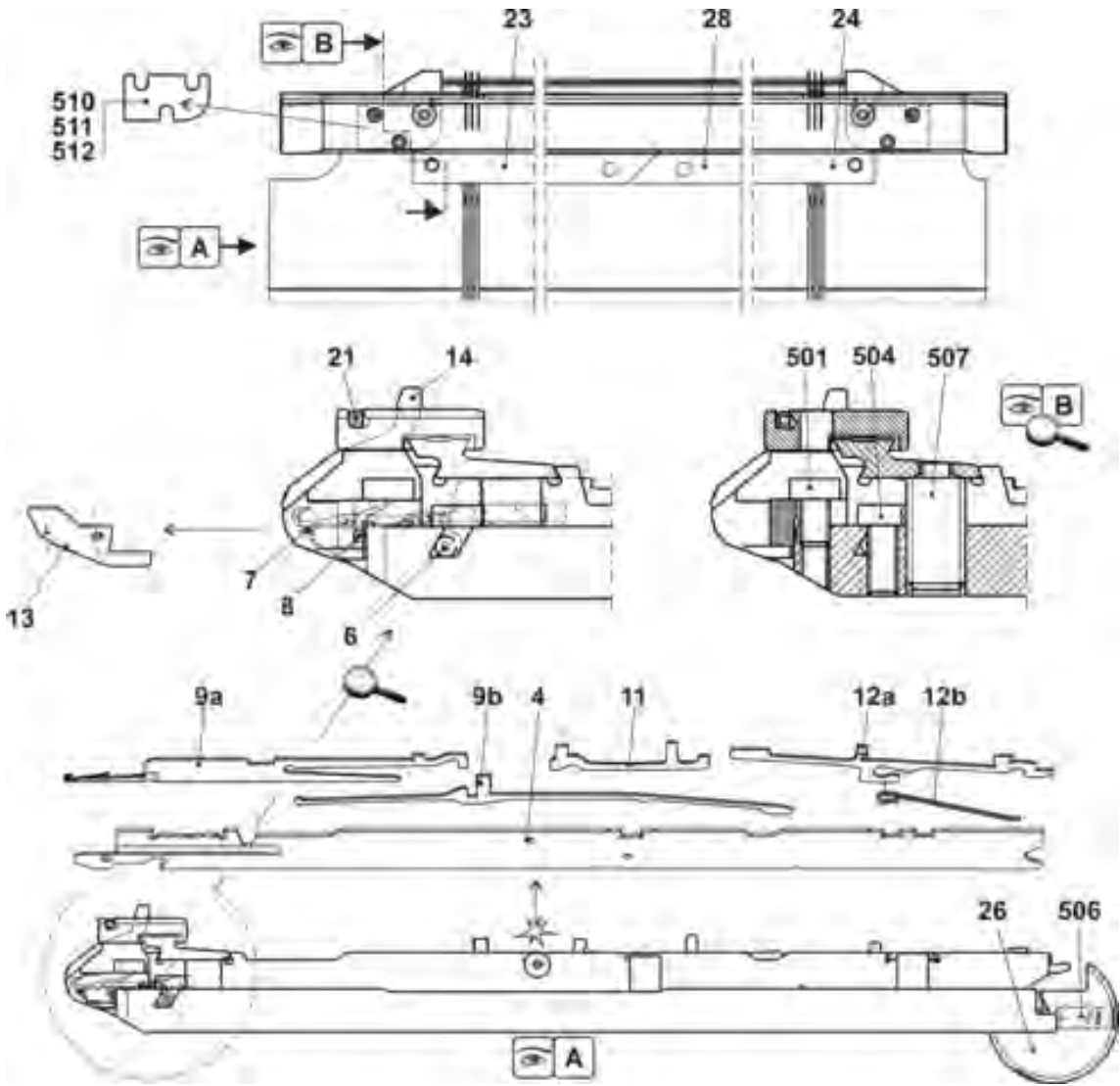
4.7.1 Continuation needle bed E6.2 k&w

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE6.2	253 194				
1	Needle bed at the front + rearE12 E6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E6.2	237 492		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E6.2	237 500		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
14	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
15	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
16	Cover rail at the rear	237 379		40*	Disk brush	235 612
17	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
18	Cover rail	237 382		42*	Disk brush ø12	202 600
19	Cover rail	237 383		50*	Adjusting bolt	240 765
24	Bush	206 090		520*	Cap screw M5x12	020 032



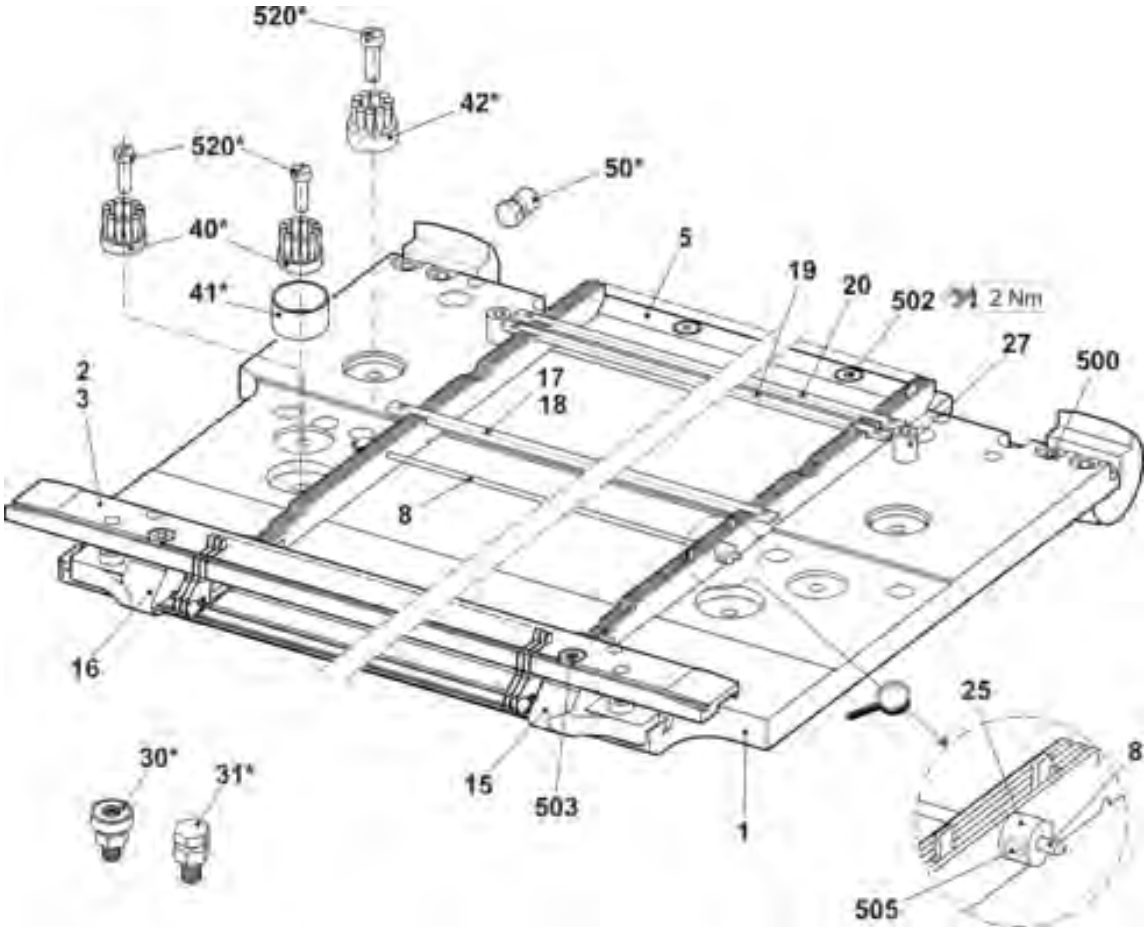
4.8 Needle bed E7.2 k&w

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	256 538				
4	Main trick wall E14	260 344		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E7.2	225 230		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E14	253 383		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E14	255 536		506	Setscrew M6x12-45	022 400
12	Selection jack with spring E14	224 725		507	Springy thrust piece B-M10	023 177
13	Knock-over bit E7.2	234 903		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E7.2	236 954		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	223 862		512	Shim0,2x18,5x34	023 253



4.8.1 Continuation needle bed E7.2 k&w

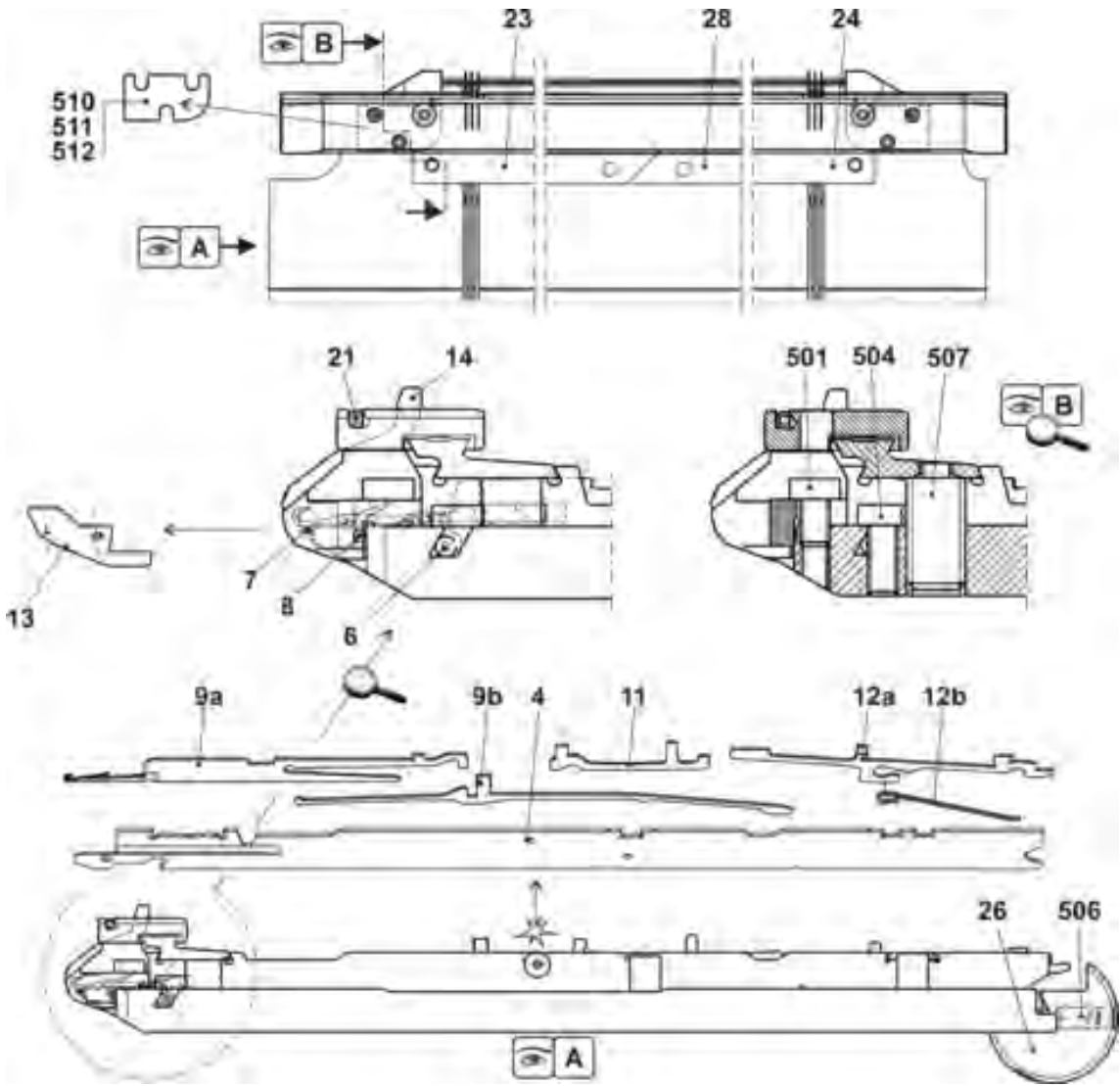
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	256 538				
1	Needle bed at the front + rearE7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E7.2	237 493		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E7.2	237 501		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E7.2	237 508		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.9 Needle bed E6.2 mg

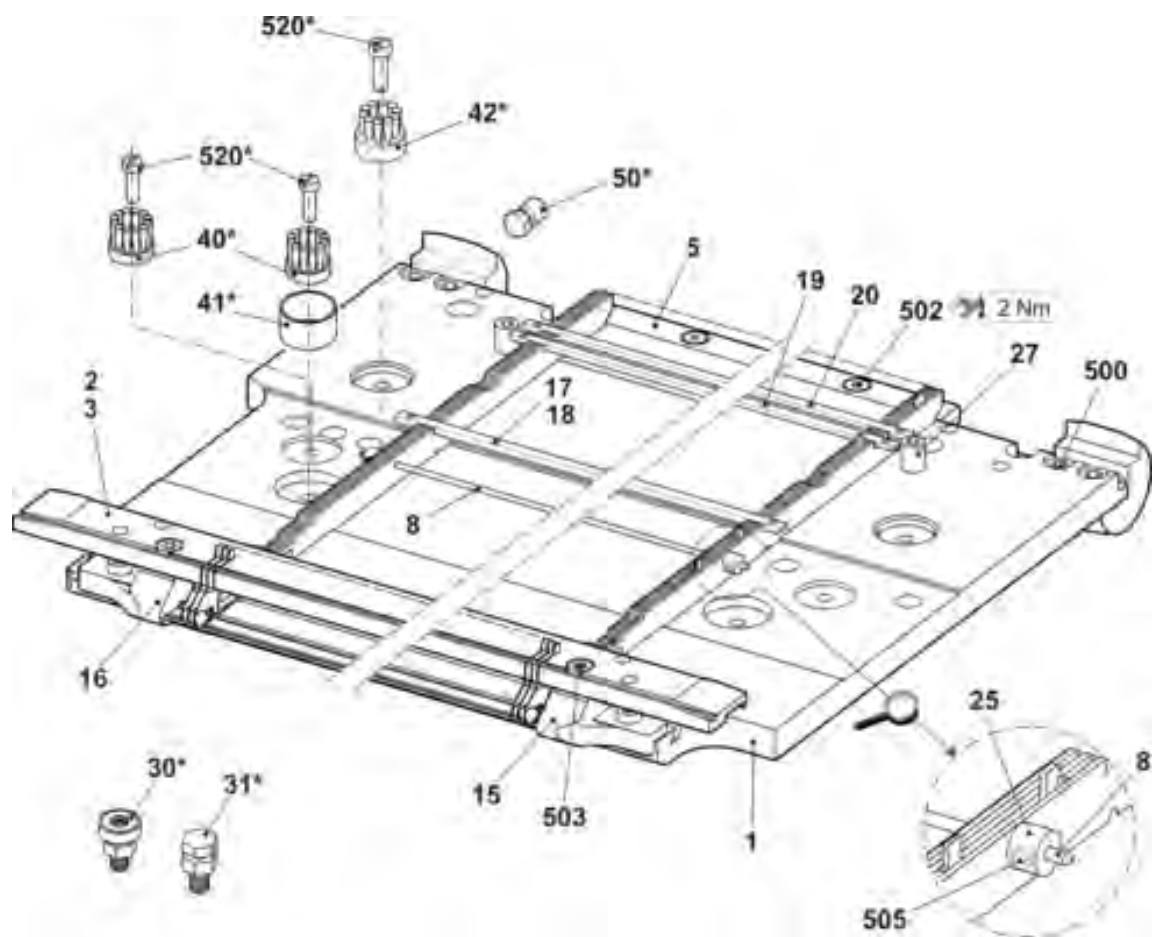
4.9 Needle bed E6.2 mg

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE6.2	256 539		21	Locating wire Ø2,8	223 862
4	Main trick wall E12	260 343		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E6.2	207 349		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E10-12	253 382		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	255 535		506	Setscrew M6x12-45	022 400
12a	Selection jack E10-12	200 688		507	Springy thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691		510	Shim0,05x18,5x34	023 196
13	Knock-over bit E12	259 212		511	Shim0,1x18,5x34	023 197
14	Holding-down jack trick wallE12	259 213		512	Shim0,2x18,5x34	023 253



4.9.1 Continuation needle bed E6.2 mg

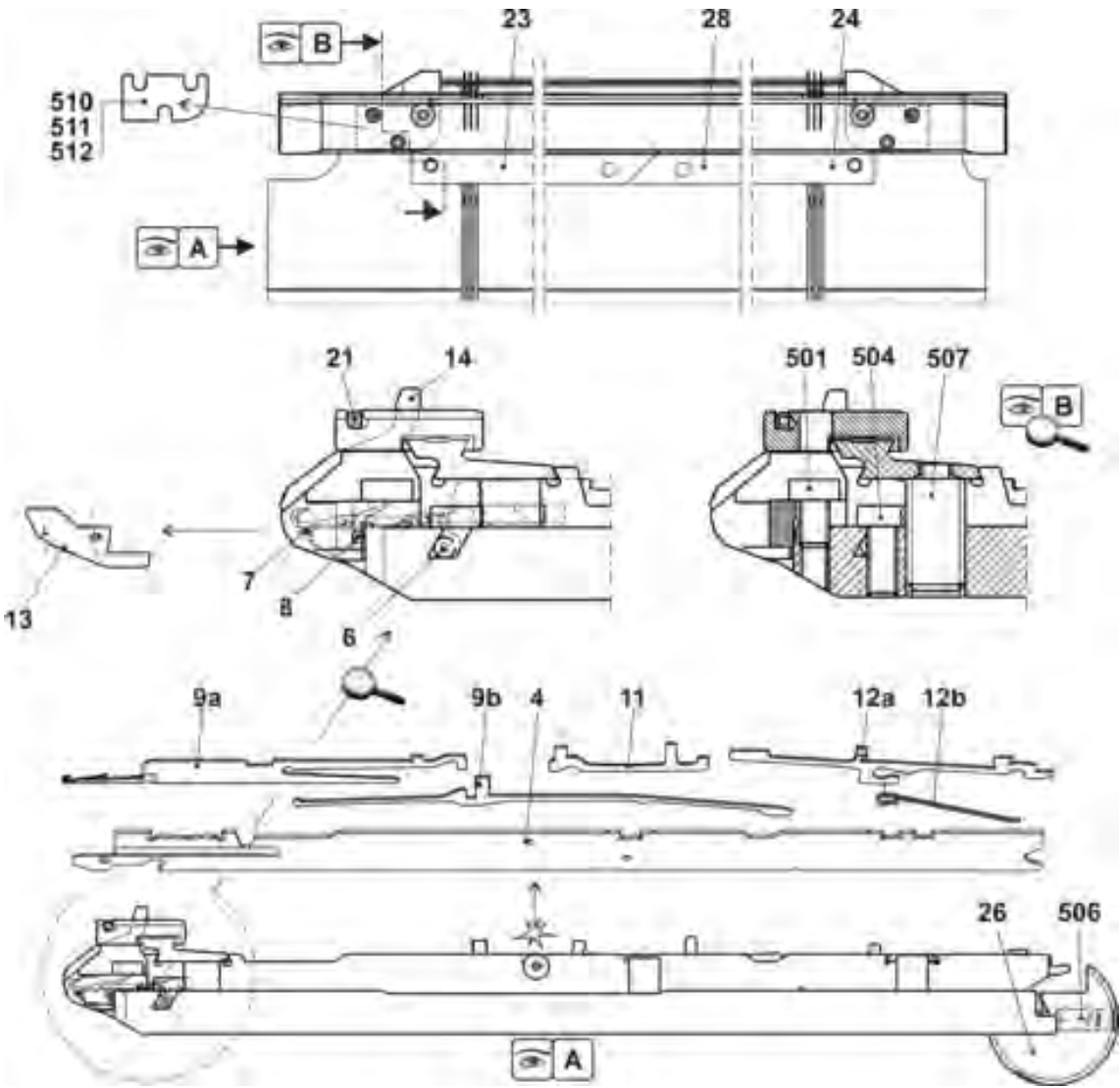
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE6.2	256 539				
1	Needle bed at the front + rearE12 E6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E6.2	237 492		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E6.2	237 500		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.10 Needle bed E7.2 mg

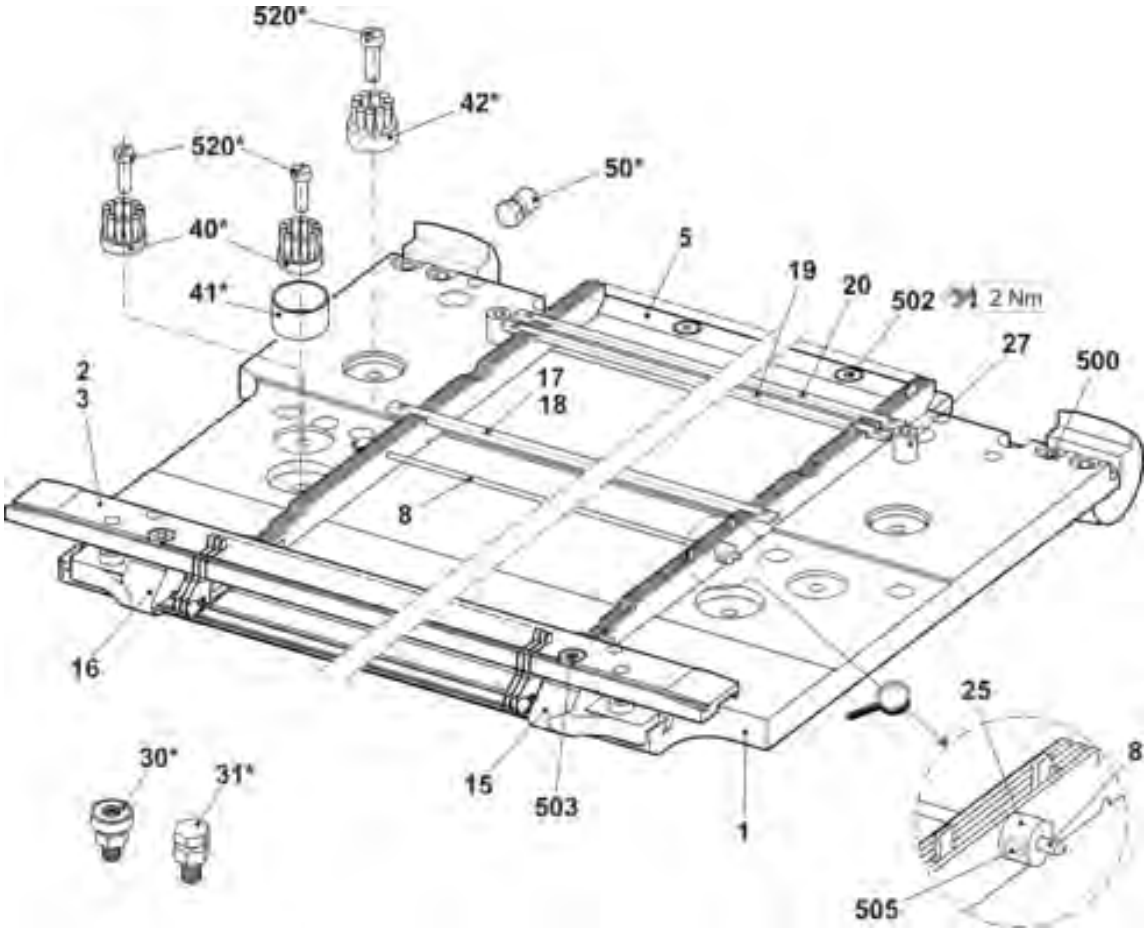
4.10 Needle bed E7.2 mg

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	255 115				
4	Main trick wall E14	260 344		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire E10-14 Ø0,6	223 849		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E7.2	225 230		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E14	253 383		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E14	255 536		506	Setscrew M6x12-45	022 400
12	Selection jack with spring E14	224 725		507	Springy thrust piece B-M10	023 177
13	Knock-over bit E14	256 912		510	Shim0,05x18,5x34	023 196
14	Holding-down jack trick wallE7.2	258 396		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	223 862		512	Shim0,2x18,5x34	023 253



4.10.1 Continuation needle bed E7.2 mg

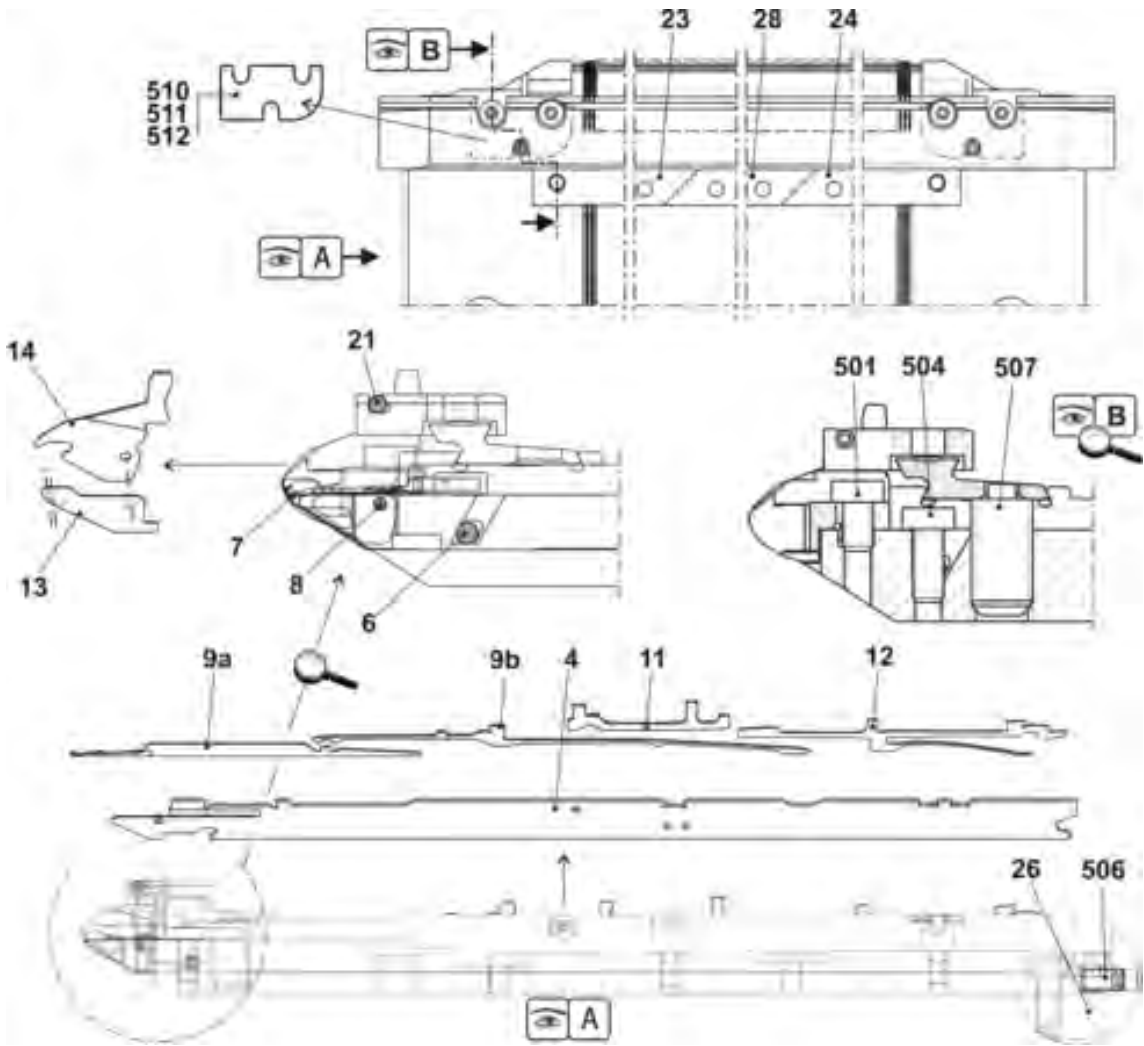
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	255 115				
1	Needle bed at the front + rearE7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E7.2	237 493		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E7.2	237 501		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E7.2	237 508		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.11 Needle bed E8.2 mg

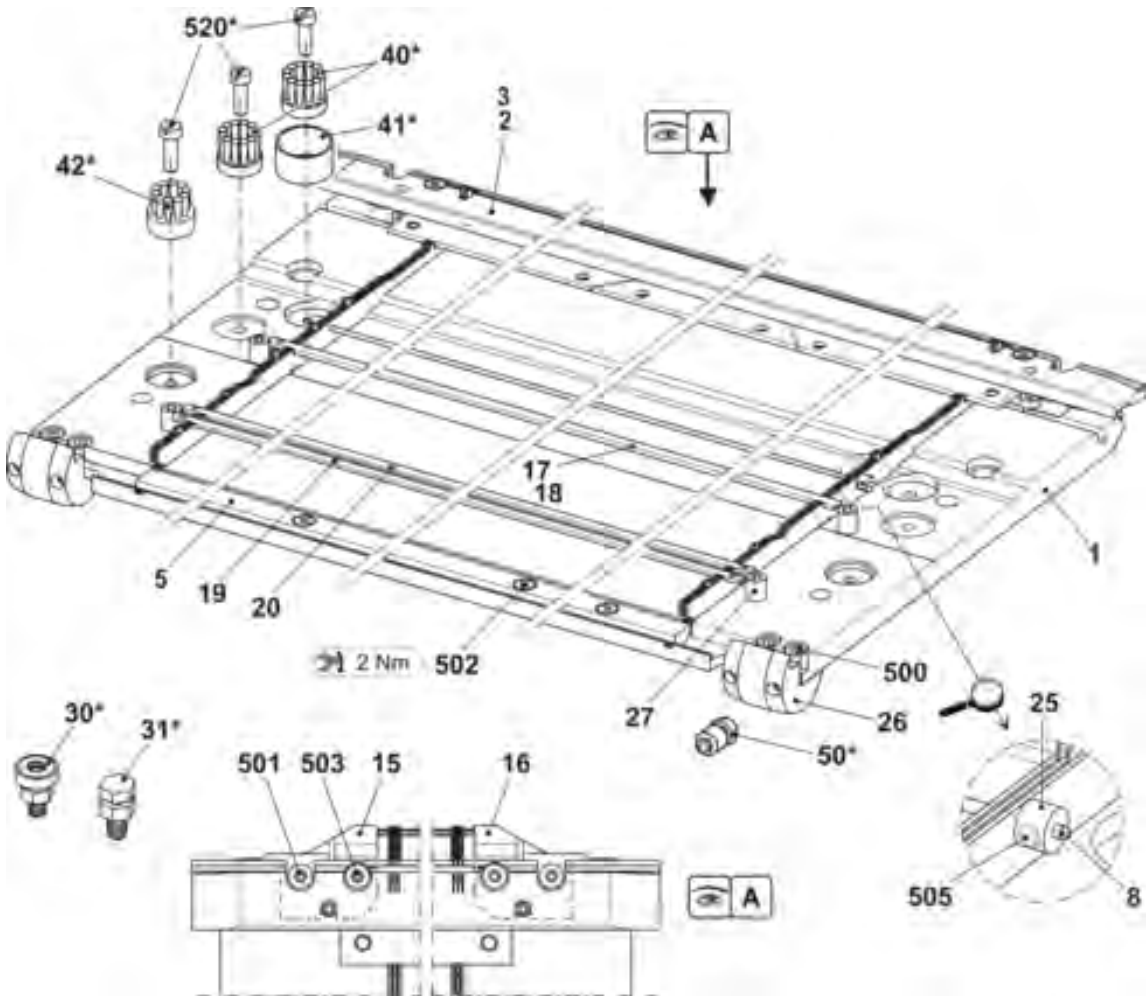
4.11 Needle bed E8.2 mg

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE8.2 mg	256 540				
4	Main trick wall E16	245 319		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E8.2	240 026		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537		506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265		507	Springy thrust piece B-M10	023 177
13	Knock-over bit 0.8 mm E16-18	261 865		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E16	264 106		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950		512	Shim0,2x18,5x34	023 253



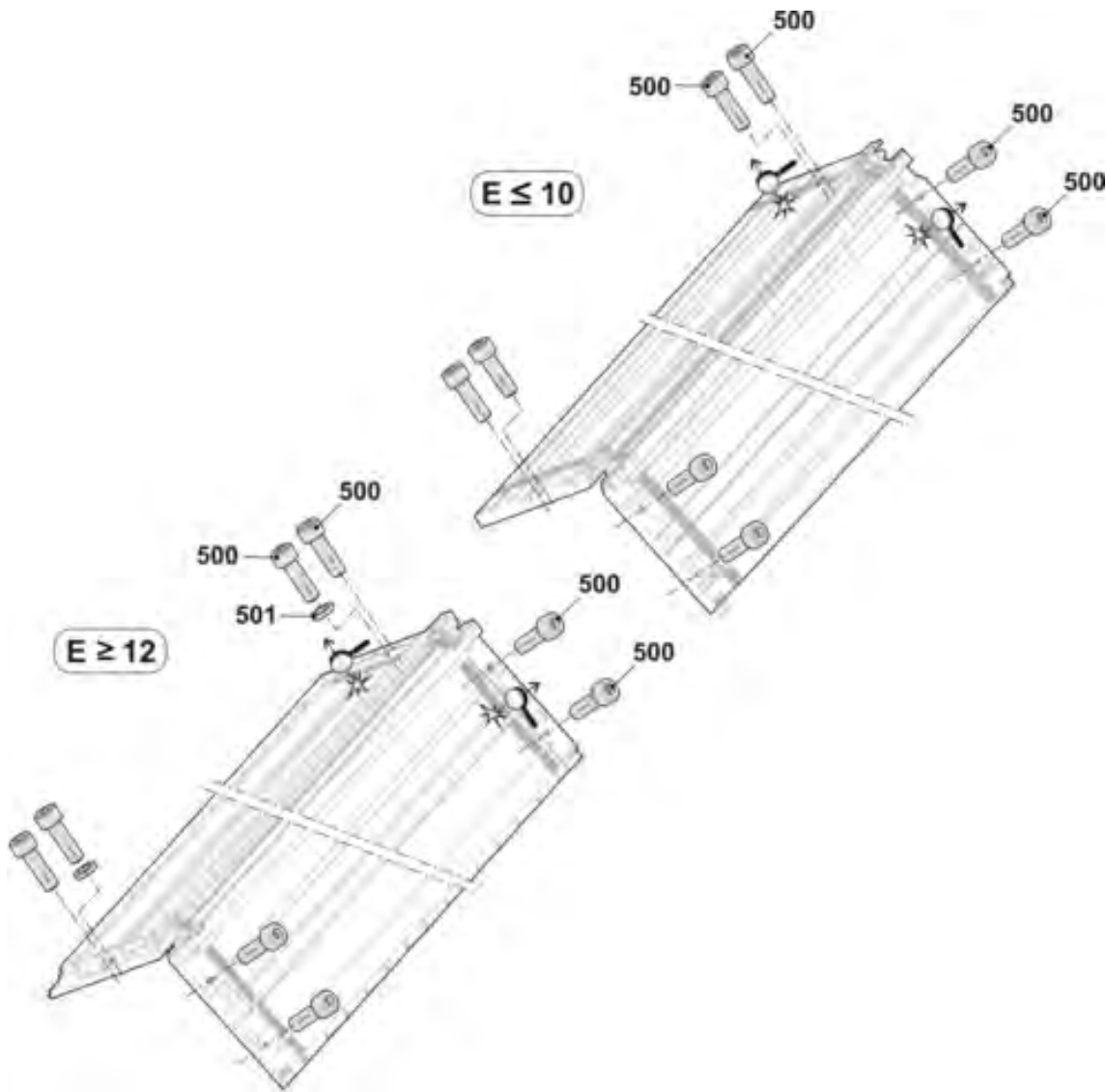
4.11.1 Continuation needle bed E8.2 mg

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE8.2	256 540				
1	Needle bed at the front + rearE16	253 466		27	Stop screw	235 244
2	Holding-down jack bed at the front E16	238 917		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E16	238 920		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	Setscrew M3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E16	238 925		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



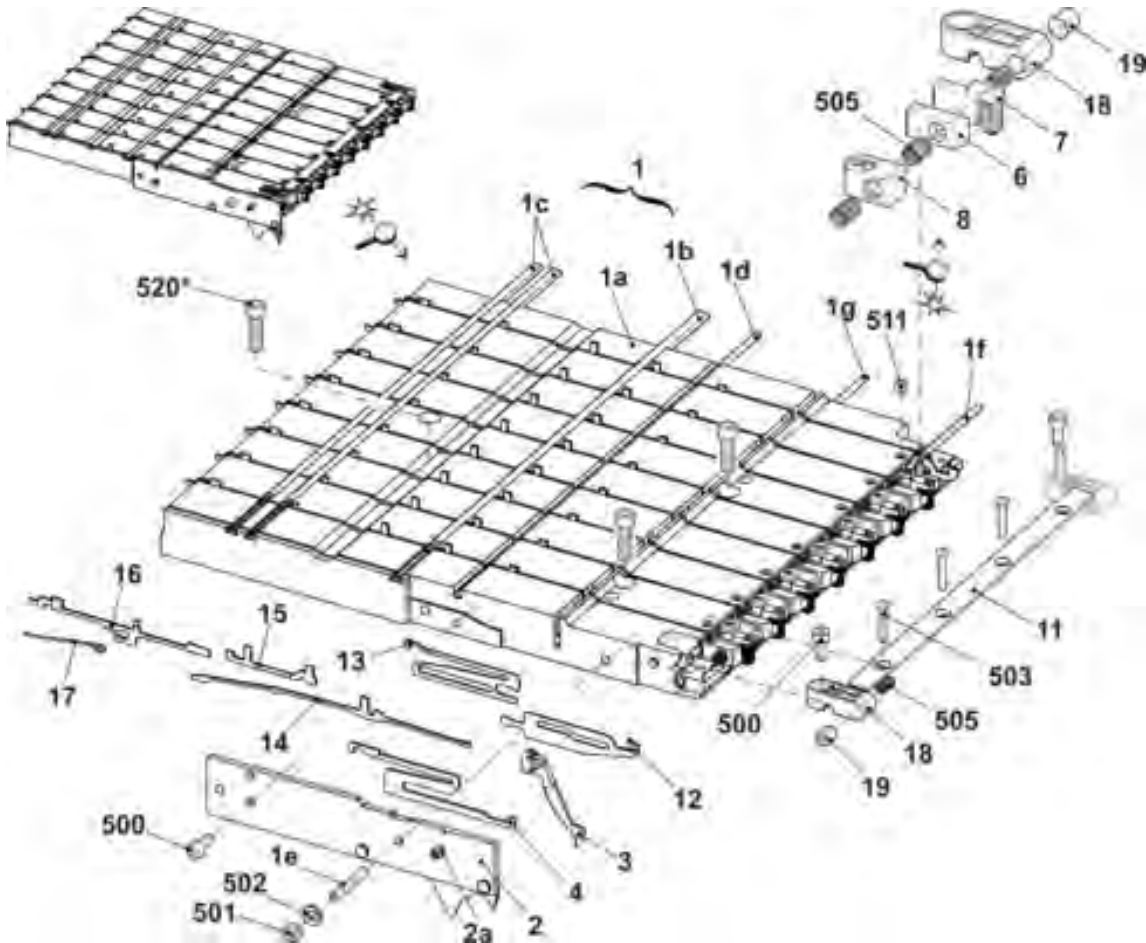
4.12 Needle beds, fixing elements

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



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

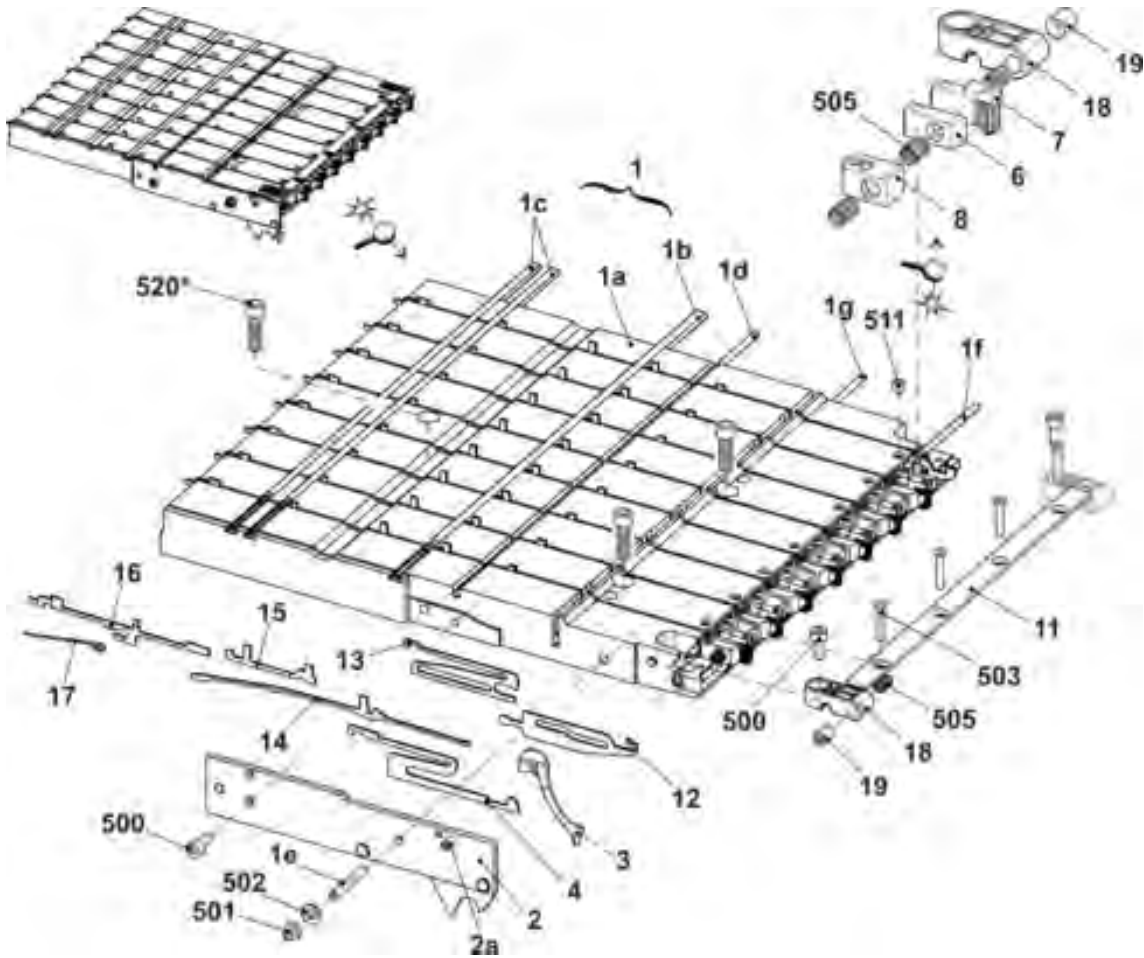
Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping and cutting bed E10-14	253 162	8	Intermediate piece	255 719
1	Guide plate EPT on the left E5-14	257 194	11	Holding strip	253 176
1a	Guide plate on the left E10-14	257 190	12	Catch needle on the left E5-14	255 813
1b	Cover rail	253 173	13	Intermediate cam E10-14	244 591
1c	Cover rail	253 174	14	Coupling part E5-8	253 381
1d	Locating wire	253 172	15	Intermediate slider with brake E5-8	255 534
1e	Guide pin	211 351	16	Selection jack E4-8	200 687
1f	Locating wire	253 171	17	Selector spring E4-8	200 690
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 E5-14	260 967	500	Cap screw M4x10	023 136
2a	Springy thrust pieceN4	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the left E5-14	260 969	502	Washer 4	020 870
4	SliderE5-14	258 050	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 Left clamping and cutting bed E16|E18|E8.2

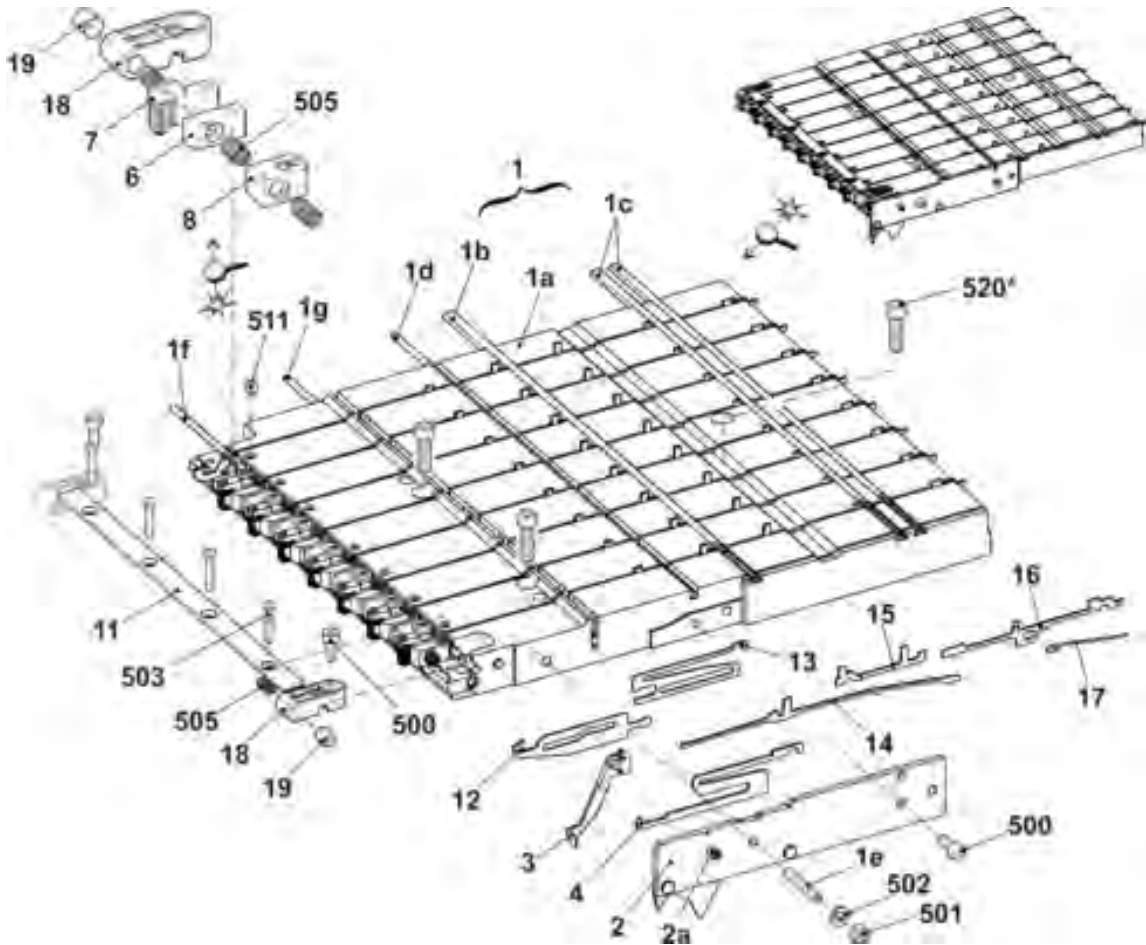
4.14 Left clamping and cutting bed E16|E18|E8.2

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
2a	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



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

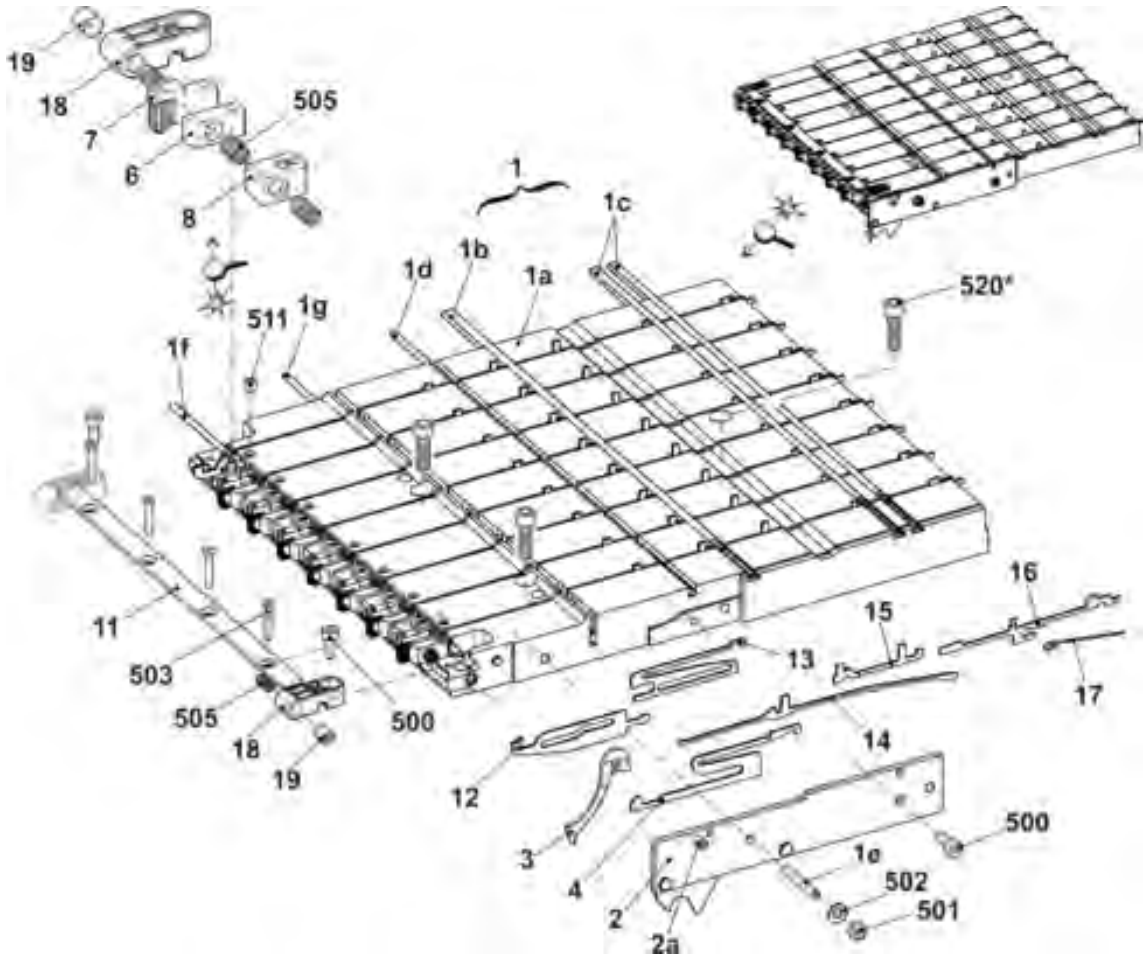
Pos	Designation	ID	Pos	Designation	ID
Σ	Clamping and cutting bed on the right E10-14	253 161	8	Intermediate piece	255 719
1	Guide plate EPT on the right E5-14	257 193	11	Holding strip	253 176
1a	Guide plate on the rightE5-14	257 189	12	Catch needle on the right E5-14	255 692
1b	Cover rail	253 173	13	Intermediate cam E10-14	244 591
1c	Cover rail	253 174	14	Coupling part E5-8	253 381
1d	Locating wire	253 172	15	Intermediate slider with brake E5-8	255 534
1e	Guide pin	211 351	16	Selection jack E4-8	200 687
1f	Locating wire	253 171	17	Selector spring E4-8	200 690
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 E5-14	260 966	500	Cap screw M4x10	023 136
2a	Springy thrust pieceN4	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the right complete E5-18	260 968	502	Washer4	020 870
4	SliderE5-14	258 050	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



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

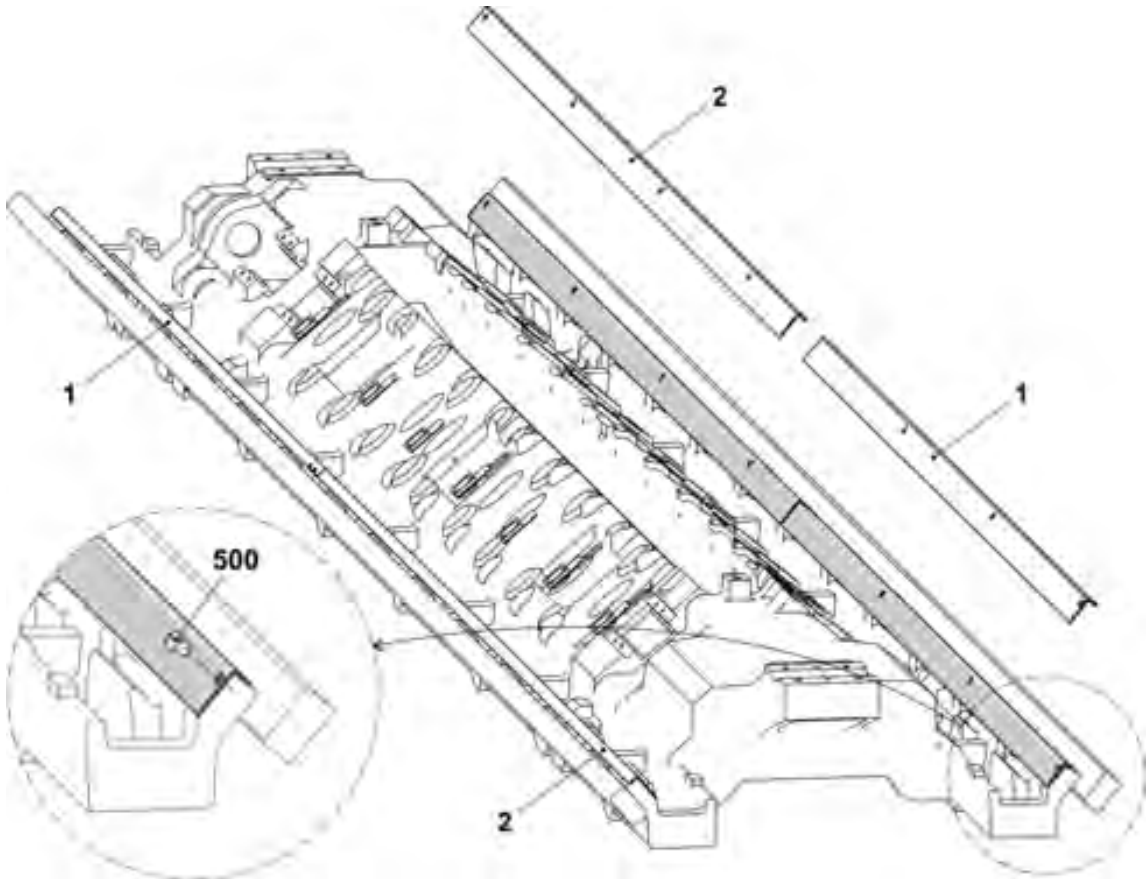
4.16 Right clamping and cutting bed E16|E18|E8.2

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
2a	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



4.17 Cover on the left and on the right

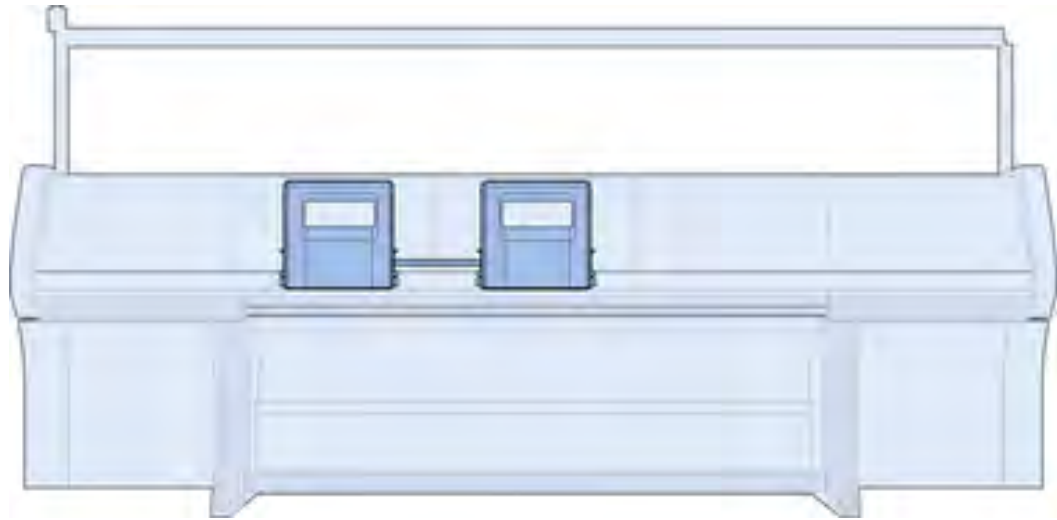
Pos	Designation	Id. no.		Pos	Designation	Id. no.
1	Cover on the left	241 938		500	Pan head screw M8x10	241 930
2	Cover on the right	241 939				



4.17 Cover on the left and on the right

Notes:

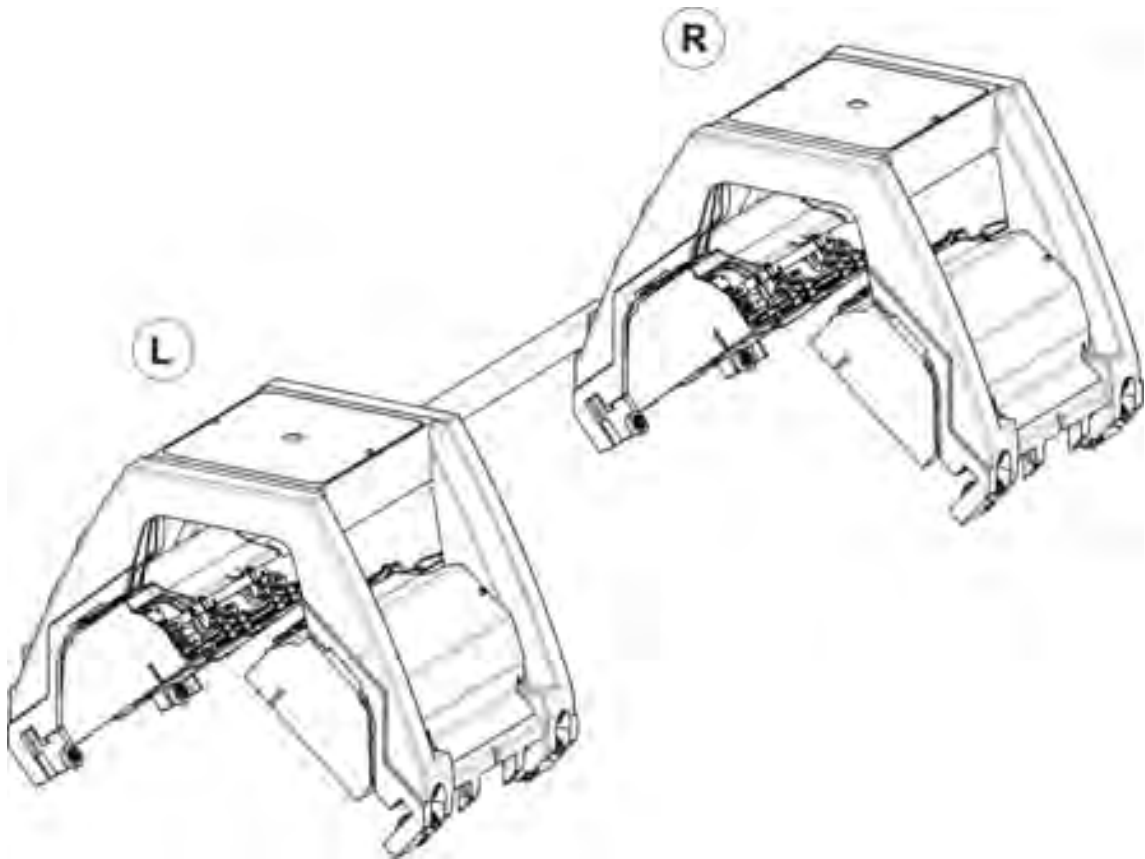
5 Tandem carriage



5.1 Overview of carriage

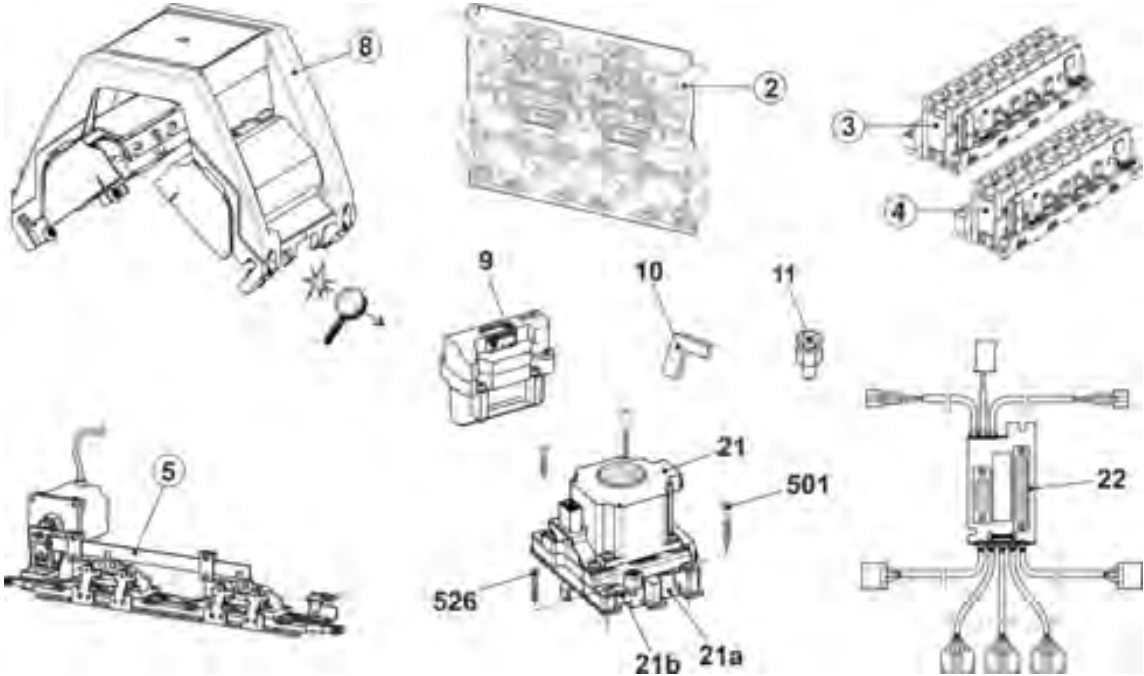
5.1 Overview of carriage

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage left complete E10	256 517		Σ	Carriage right complete E10	256 518
	Carriage left complete E12	256 519			Carriage right complete E12	256 520
	Carriage left complete E14	256 521			Carriage right complete E14	256 522
	Carriage left complete E16-18	255 116			Carriage right complete E16-18	255 117
	Carriage left complete E12m.10	256 523			Carriage right complete E12m.10	256 524
	Carriage left complete E16.2 kw	253 326			Carriage right complete E6.2 kw	253 327
	Carriage left complete E7.2 kw	256 525			Carriage right complete E7.2 kw	256 526
	Carriage left complete E16.2 mg	256 527			Carriage right complete E6.2 mg	256 528
	Carriage left complete E7.2 mg	255 118			Carriage right complete E7.2 mg	255 119
	Carriage left complete E8.2 mg	256 529			Carriage right complete E8.2 mg	256 530



5.1.1 Carriage components

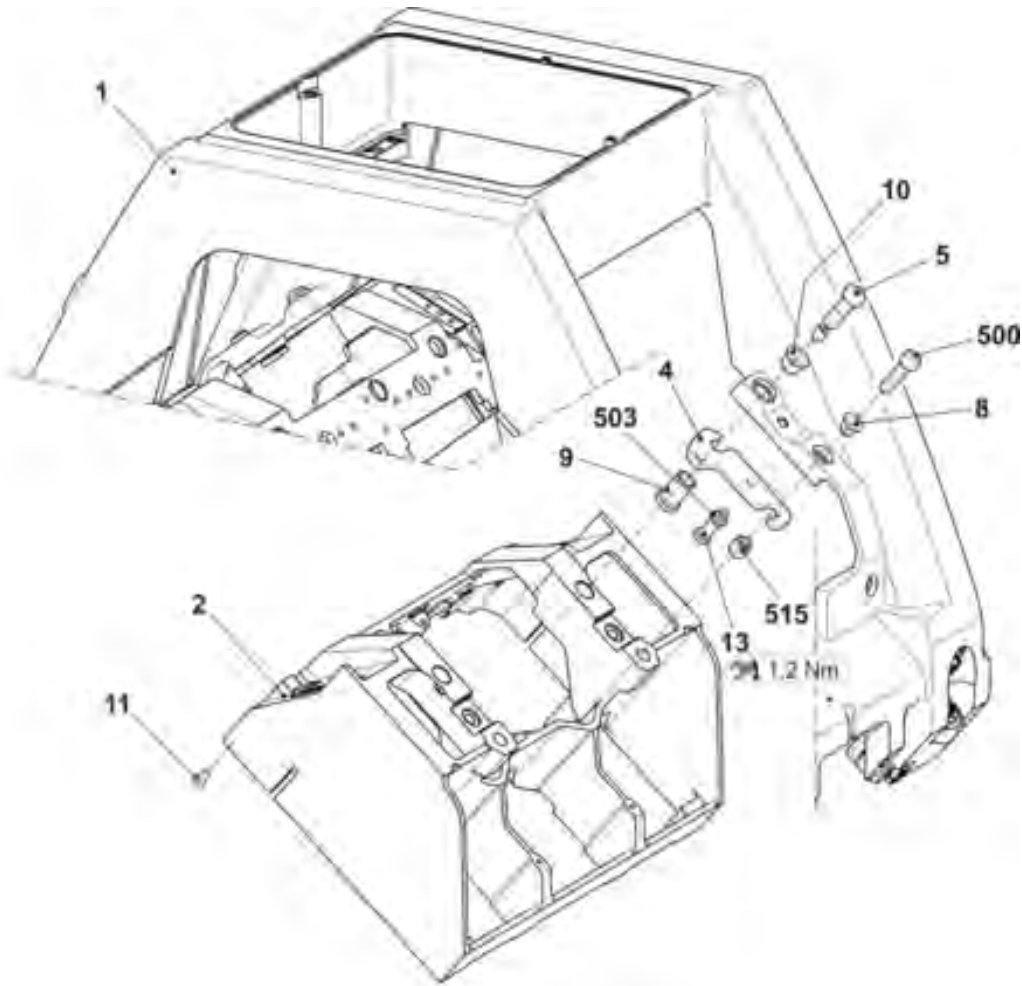
Pos	Designation	Id	Pos	Designation	Id
2	Cam box set complete		5	E6.2 kw	253 353
	E10	259 263		E7.2 kw	254 229
	E12	259 264		E7.2 mg	254 233
	E14	259 265	8	Carriage assembly complete 822	253 304
	E16 E18	259 266	9	Selection system complete	
	E6.2 (12m.10)	259 267		E10 E12 E10m.12 E6.2(12m.10) E6.2kw E6.2mg	216 219
	E6.2 kw	259 268		E14 E7.2kw E7.2mg	229 300
	E7.2 kw	259 269		E16 E18 E8.2mg	220 114
	E6.2 mg	259 270	10	Wiper (felt)	241 411
	E7.2 mg	259 271		Bolts	212 392
	E8.2 mg	259 272	21	Motor unit ATM complete	251 827
3	FF driving outside complete	245 297		21a Gear rack at the top complete	251 817
4	FF driving in the middle complete	245 298		21b Gear rack at the bottom complete	251 818
5	Holding-down jack control complete		22	Distributor 2 cam box PL. 5Z	253 141
	E10	254 230	501	Screw M4x35	023 550
	E12 E14 E6.2(12m.10) E6.2 mg	254 231	526	Screw M4x20	023 171
	E16 E18 E8.2 mg	254 232			



5.1 Overview of carriage

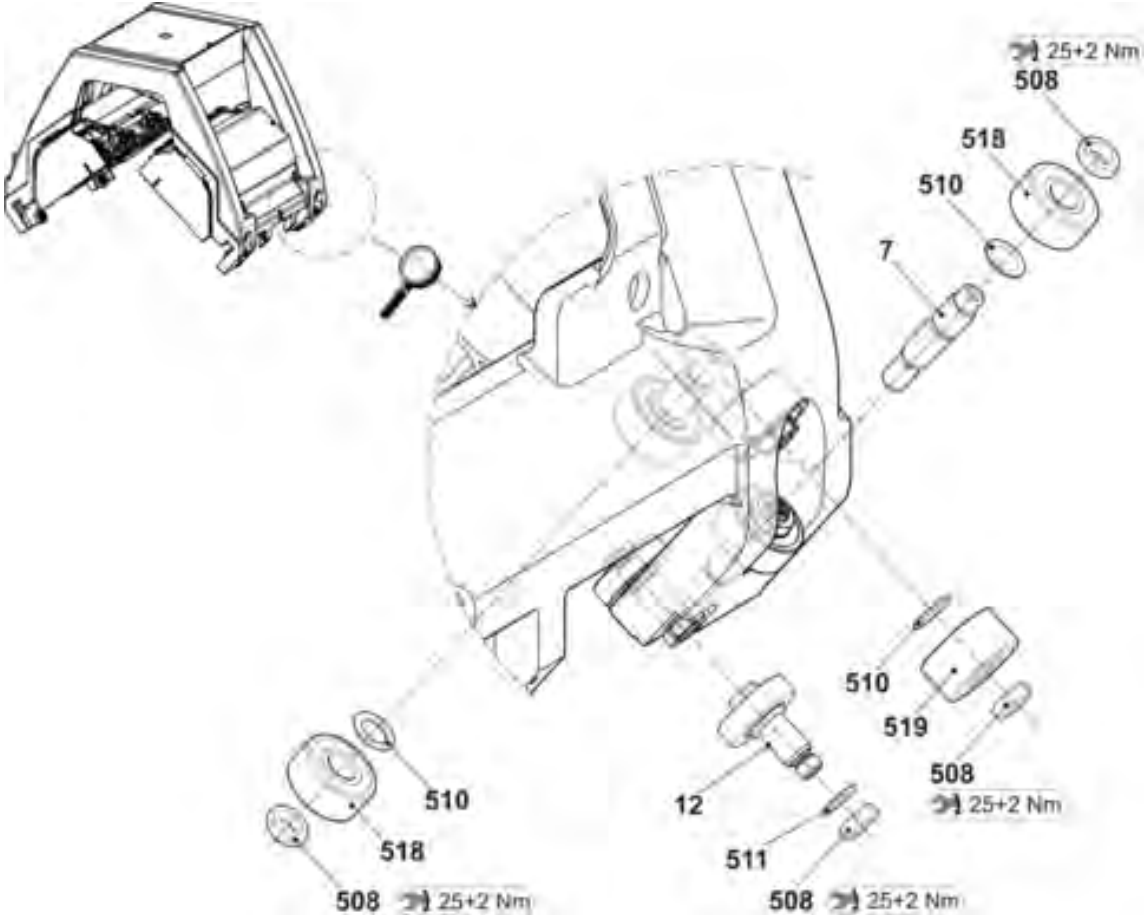
5.1.2 Carriage assembly

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Carriage assembly complete 822 5 inch complete	253 304				
1	Carriage frame, 2 cam boxes	258 696		10	Bush	209 274
2	Carriage part 2 cam boxes 5 inch 822	253 088		11	Eccentric	222 983
4	Shim	225 312		13	Locating bolt linking spot	244 179
5	Shoulder screw	211 750		500	Cap screw M8x30	020 143
8	Bush	207 546		503	Circlip6	021 022
9	Bush	209 275		515	Threaded bush M12x11,5	041 863



5.1.3 Carriage guide

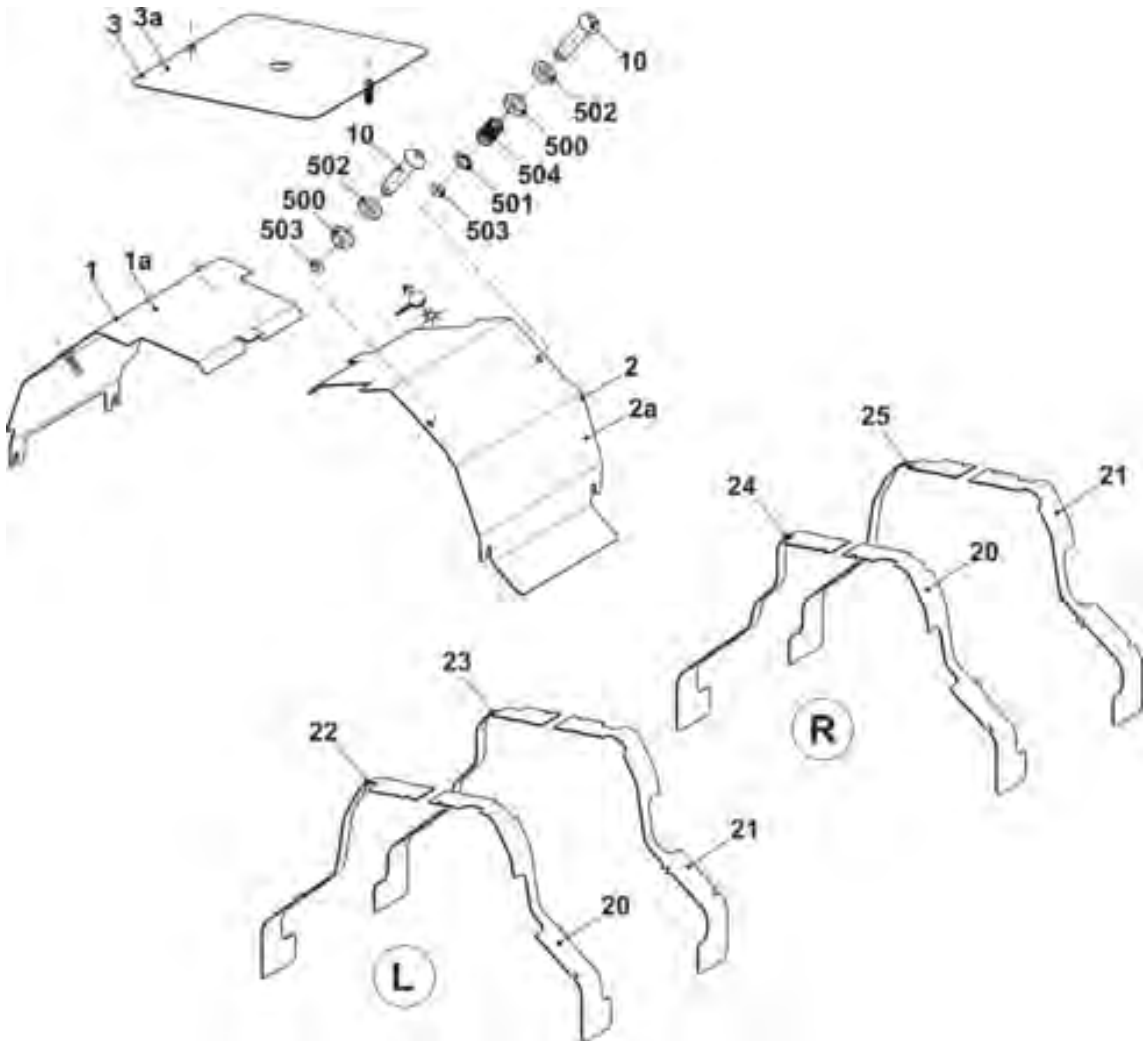
Pos	Designation	ID		Pos	Designation	ID
7	Bearing bolt eccentric 0,5	240 624		511	Shim ring 10x16x1	023 260
12	Bolt pre-assembled	244 283		518	Grooved ball bearing 62201-2RS	241 408
508	NutM10	023 316		519	Grooved ball bearing 62300-2RS1	242 070
510	Shim ring 12x18x1	023 315				



5.1 Overview of carriage

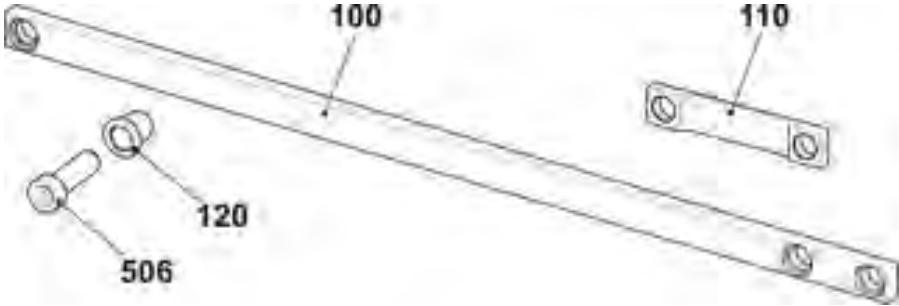
5.1.4 Carriage cover

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	2a	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
20	Cover plate on the left		250 274		23	Cover plate at the rear on the right		255 437
21	Cover plate on the right		250 275		24	Cover plate at the rear on the left		255 438
22	Cover plate at the rear on the left		255 436		25	Cover plate at the rear on the right		255 439



5.1.5 Carriage coupling

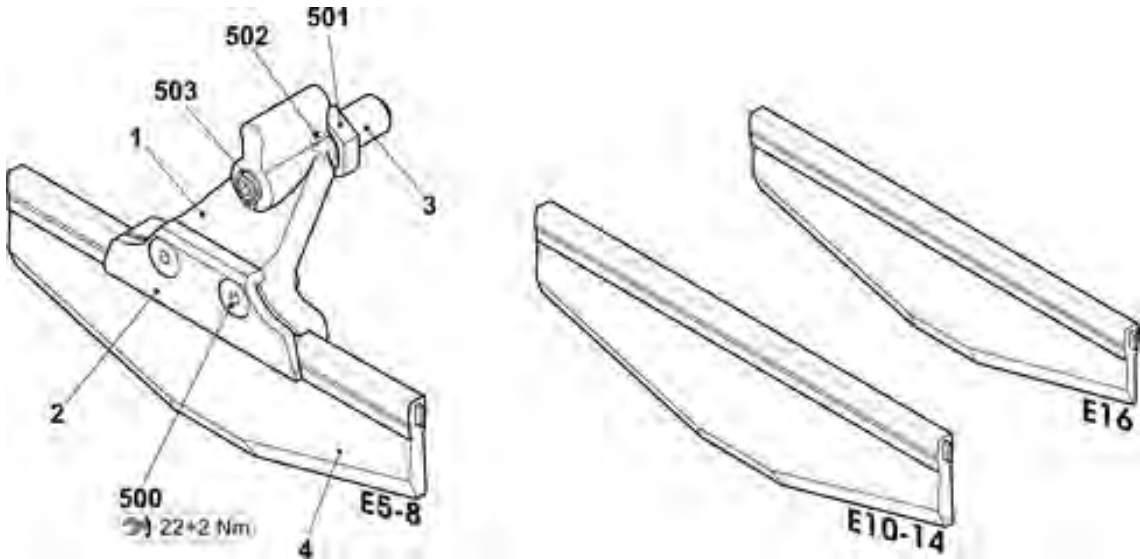
Pos	Designation	Id. no.		Pos	Designation	Id. no.
100	Connecting rod 822 5 inches	254 981		120	Sleeve	225 600
110	Connecting rod short	242 891		506	Cap screw M16x45	023 366



5.1 Overview of carriage

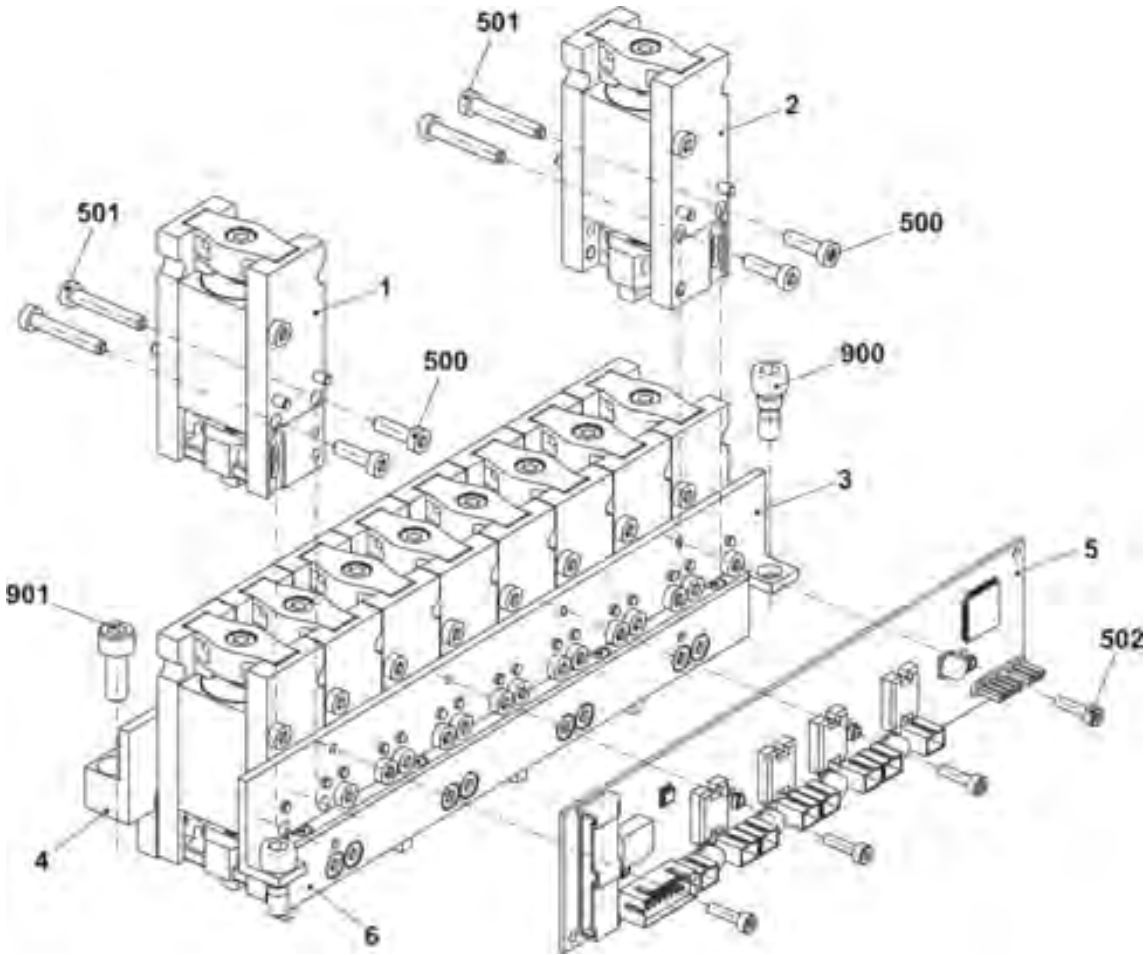
5.1.6 Brush holder

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Brush holder complete			4	Brush	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 371			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 074
	E16 E18 E8.2	220 064			E16 E18 E8.2	203 254
1	Brush holder	219 423		500	Countersunk screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8	020 856
3	Threaded rod	209 740		502	Shim ring	023 348
				503	Retaining ring5x0,6	023 347



5.1.7 Yarn carrier driving without guide part

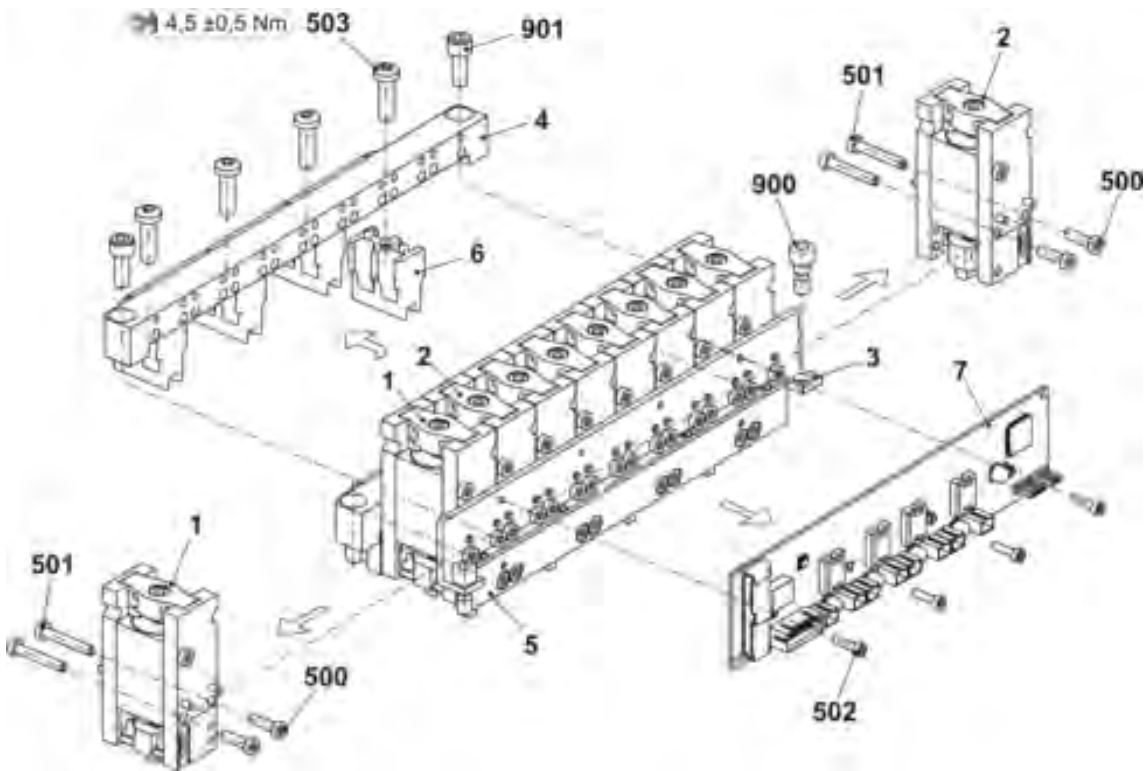
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	YC driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screw M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screw M4x25-I-Torx	245 305
3	Holding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



5.1 Overview of carriage

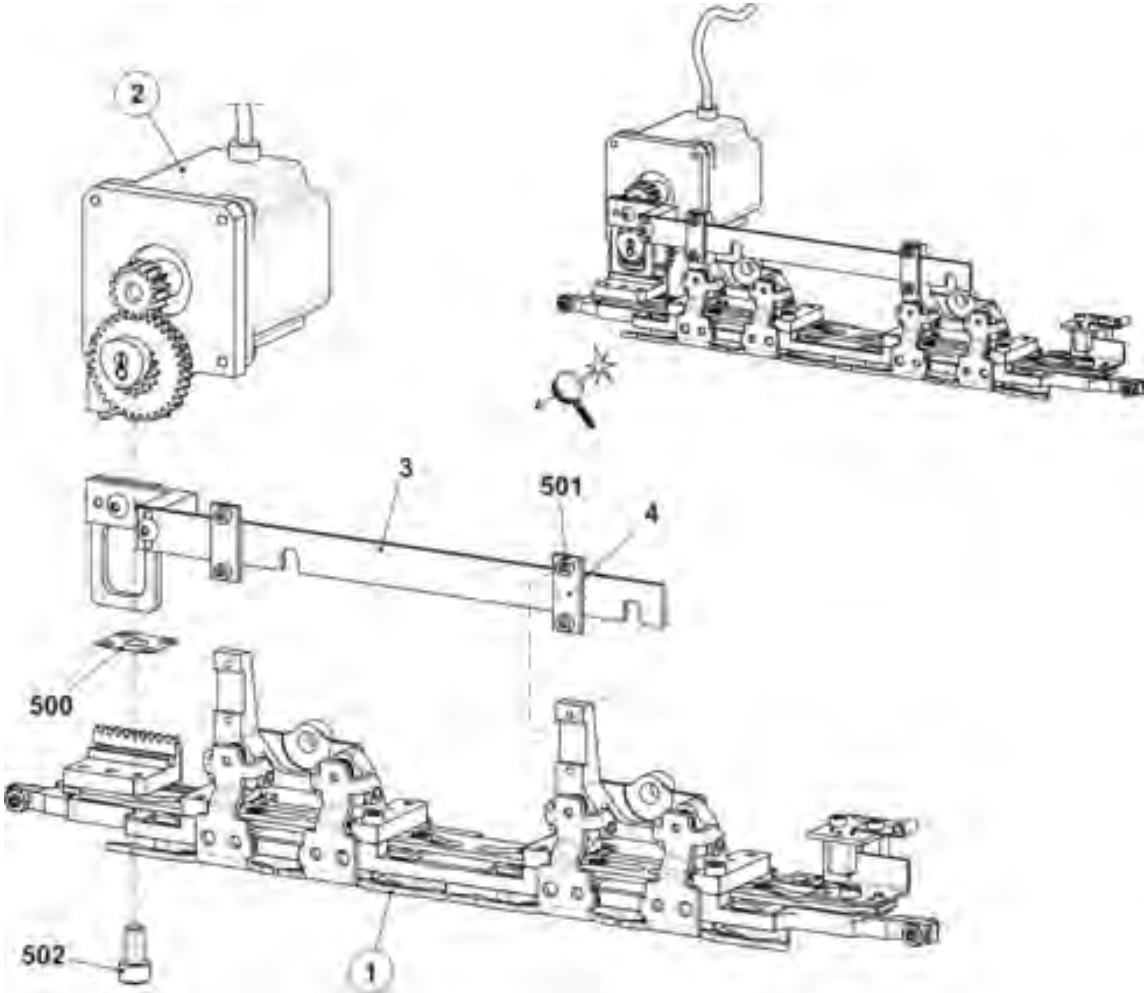
5.1.8 Yarn carrier driving with guide part

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



5.1.9 Holding-down jack control

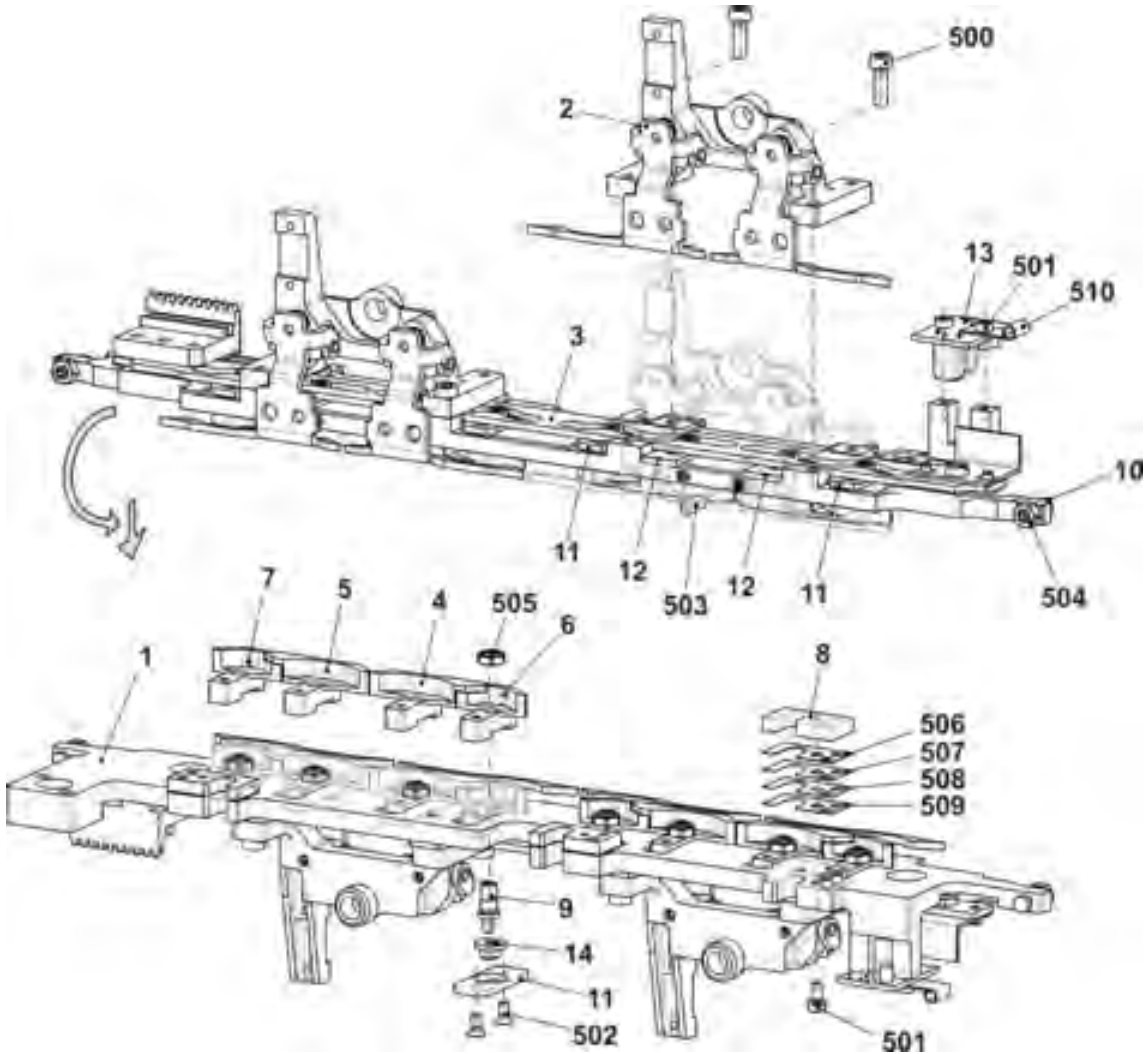
Pos	Designation	Id		Pos	Designation	Id
Σ	Holding-down jack control complete			1	Jack cam box complete	
	E10	254 230			E10	254 223
	E12 E14 E6.2 (12m.10) E6.2 mg	254 231			E12 E14 E6.2 (12m.10) E6.2 mg	254 224
	E16 E18 E8.2 mg	254 232			E16 E18 E8.2 mg	254 225
	E6.2 kw	253 353			E6.2 kw	253 354
	E7.2 kw	254 229			E7.2 kw	254 222
	E7.2 mg	254 233			E7.2 mg	254 226
2	Control unit holding-down jacks	239 342		500	Shim 0,05x19x22	251 878
3	Control slide complete	252 544		501	Cap screwM3x6	241 857
4	Cover plate	252 774		502	Cap screwM6x12	020 134



5.1 Overview of carriage

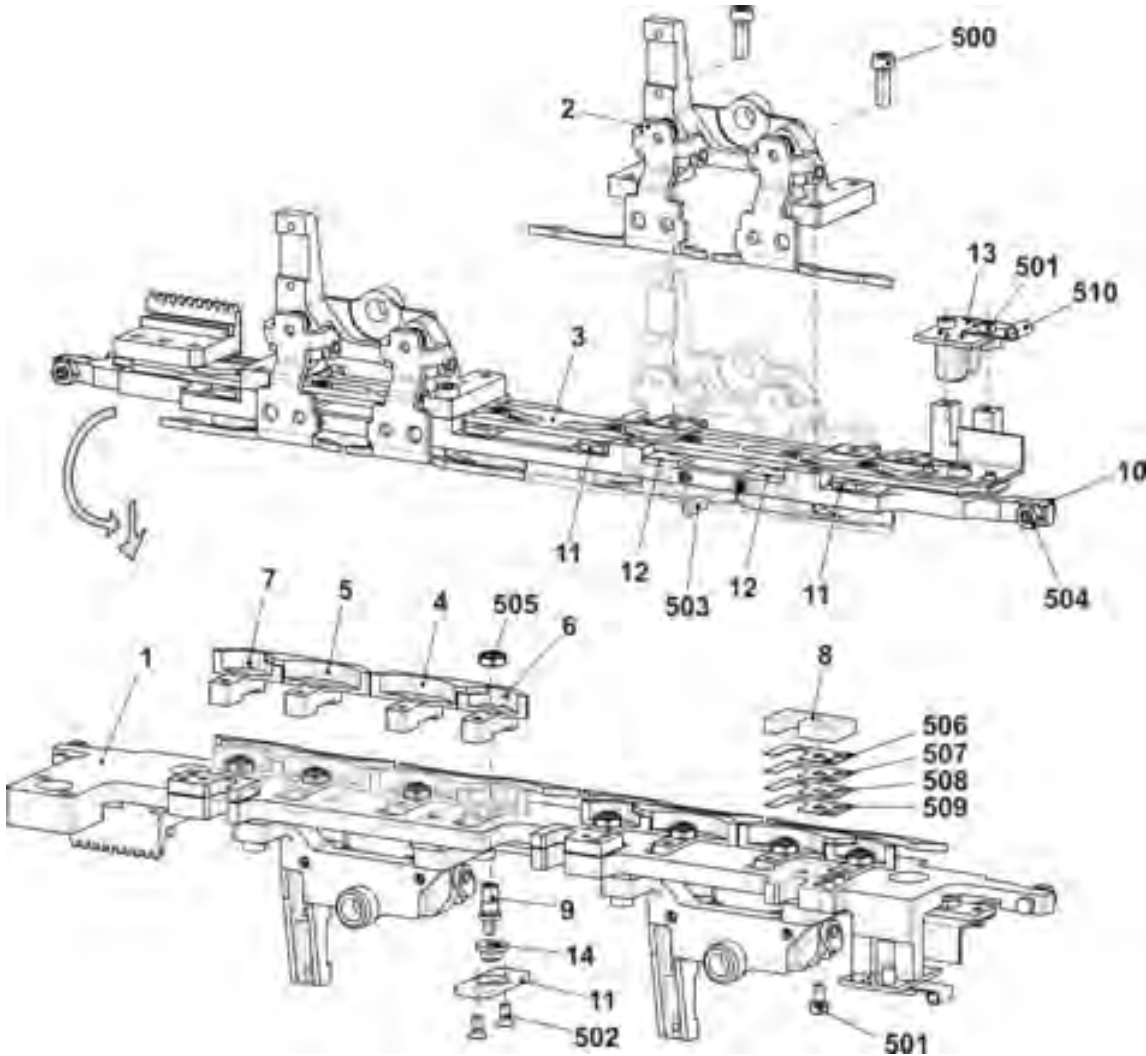
5.1.9.1 Jack cam box E10

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Jack cam box complete E10	254 223		13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053		501	Cap screw M3x6	241 857
4	Jack slider on the right E10	254 076		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E10	254 075		503	Setscrew M4x6	023 726
6	Floating cam at the right E10	254 074		504	Hexagon nut M4-6	022 536
7	Floating cam at the left E10	254 073		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	Shim 0,03	252 999
9	Eccentric	239 344		507	Shim 0,05	253 000
10	Set screw	241 936		508	Shim 0,1	253 001
11	Covering plate	250 178		509	Shim 0,2	253 002
12	Covering plate	251 466		510	Fastening clamp	008 321



5.1.9.2 Jack cam box E12 | E14 | E6.2(E12m.10) | E6.2 mg

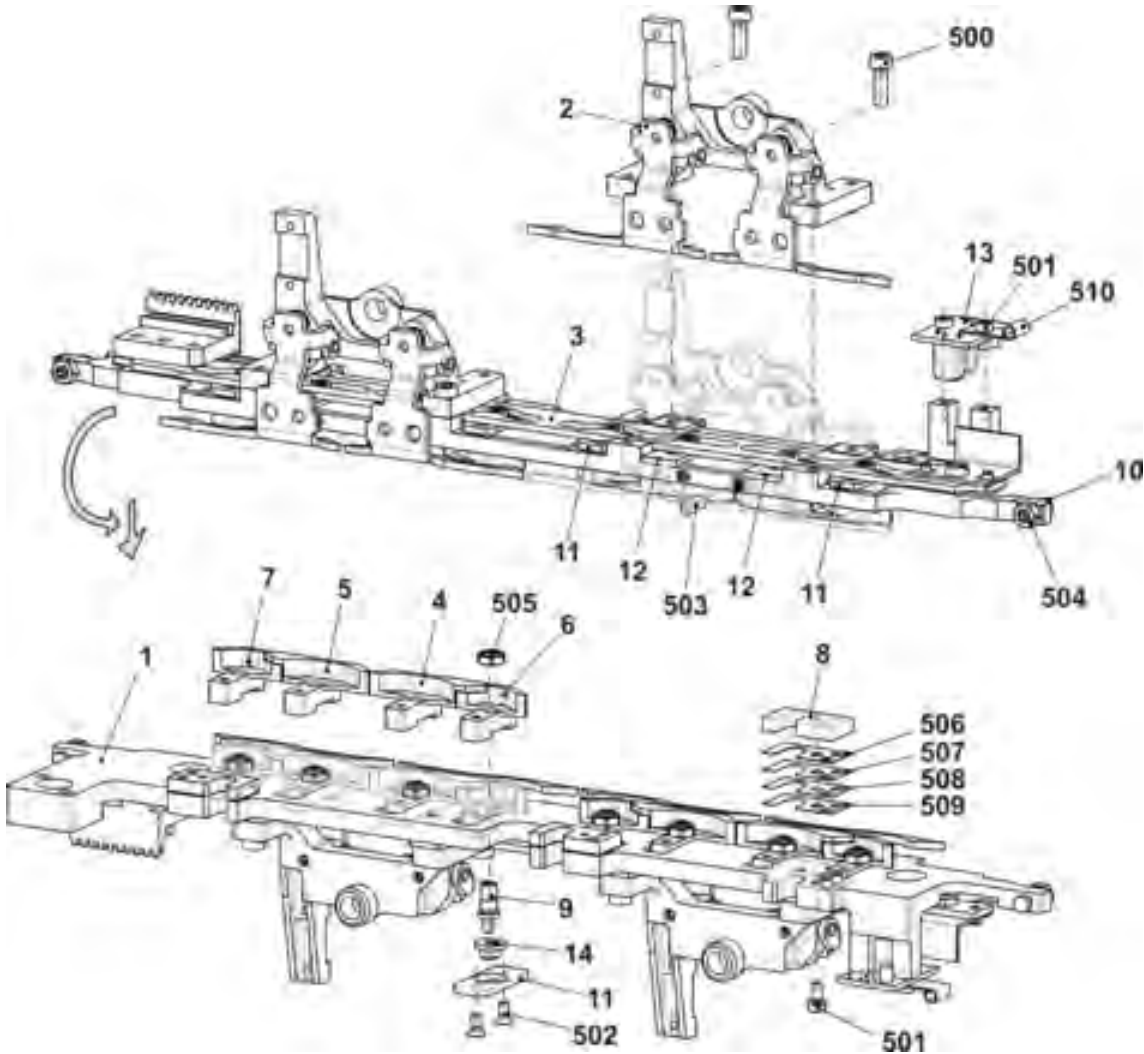
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E12+14+6.2 mg	254 224	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053	501	Cap screw M3x6	241 857
4	Jack slider on the right E12-14+6.2 mg	254 080	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E12-14+6.2 mg	254 079	503	Setscrew M4x6	023 726
6	Floating cam at the right E12-14+6.2 mg	254 078	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E12-14+6.2 mg	254 077	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

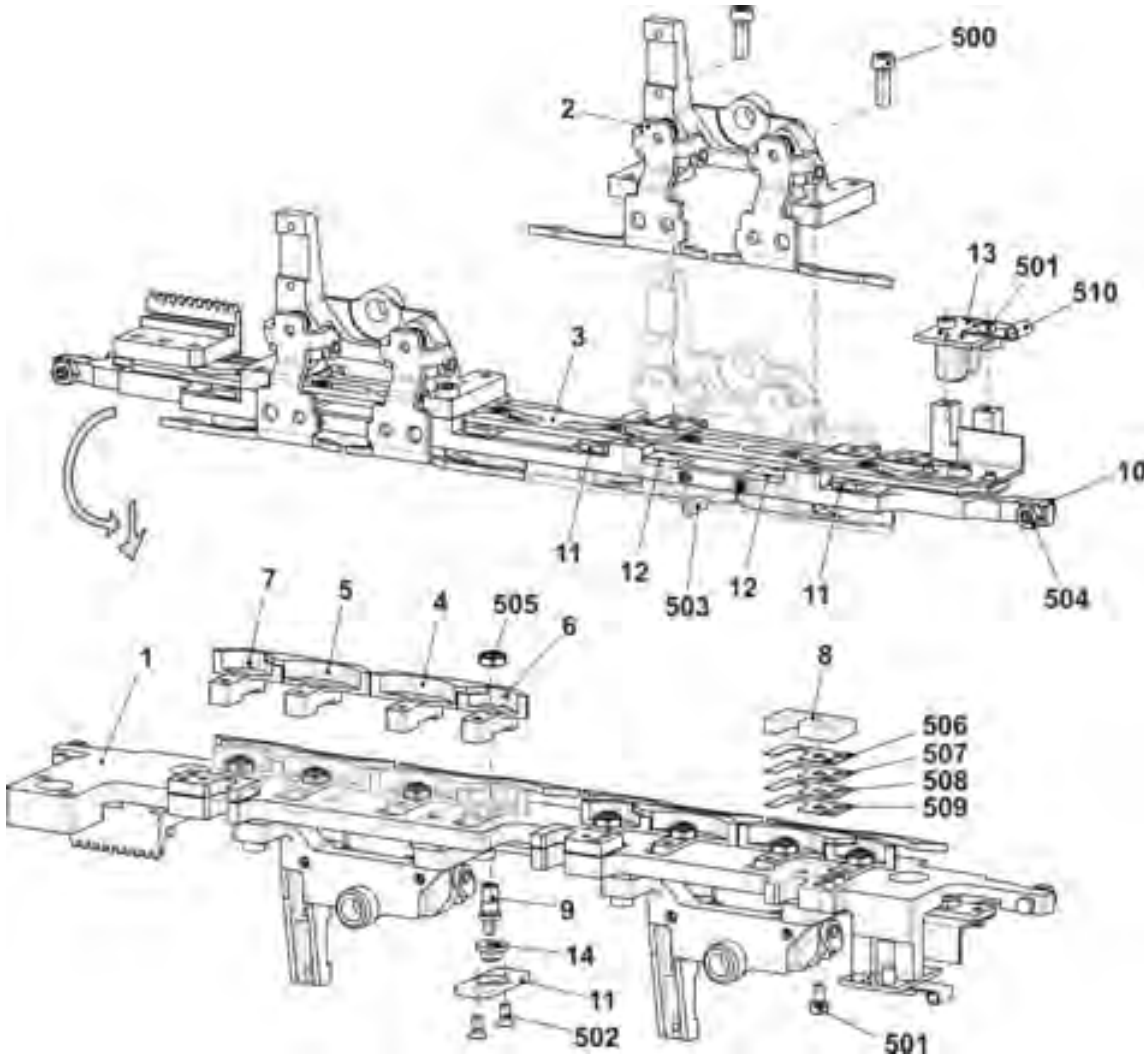
5.1.9.3 Jack cam box E16 | E18 | E8.2 mg

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Jack cam box complete E16-18+8.2 mg	254 225		13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053		501	Cap screw M3x6	241 857
4	Jack slider on the right E16-18+8.2 mg	254 084		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E16-18+8.2 mg	254 083		503	Setscrew M4x6	023 726
6	Floating cam at the right E16	254 082		504	Hexagon nut M4-6	022 536
7	Floating cam at the left E16	254 081		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	Shim 0,03	252 999
9	Eccentric	239 344		507	Shim 0,05	253 000
10	Set screw	241 936		508	Shim 0,1	253 001
11	Covering plate	250 178		509	Shim 0,2	253 002
12	Covering plate	251 466		510	Fastening clamp	008 321



5.1.9.4 Jack cam box E6.2 kw

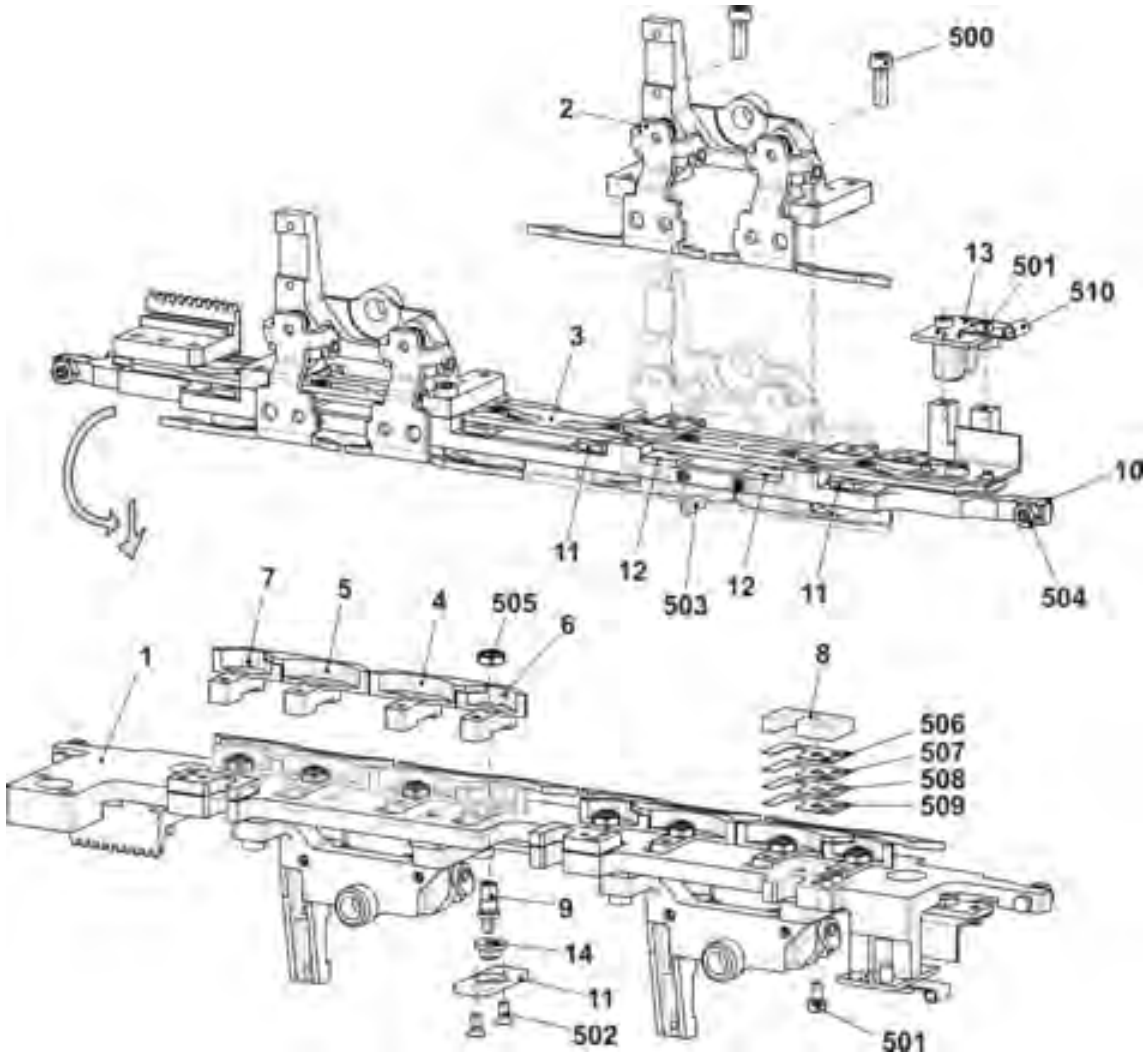
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E6.2 kw	253 354	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511	501	Cap screw M3x6	241 857
4	Jack slider on the right E6.2 kw	252 519	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E6.2 kw	252 518	503	Setscrew M4x6	023 726
6	Floating cam at the right E6.2 kw	252 517	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E6.2 kw	252 516	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

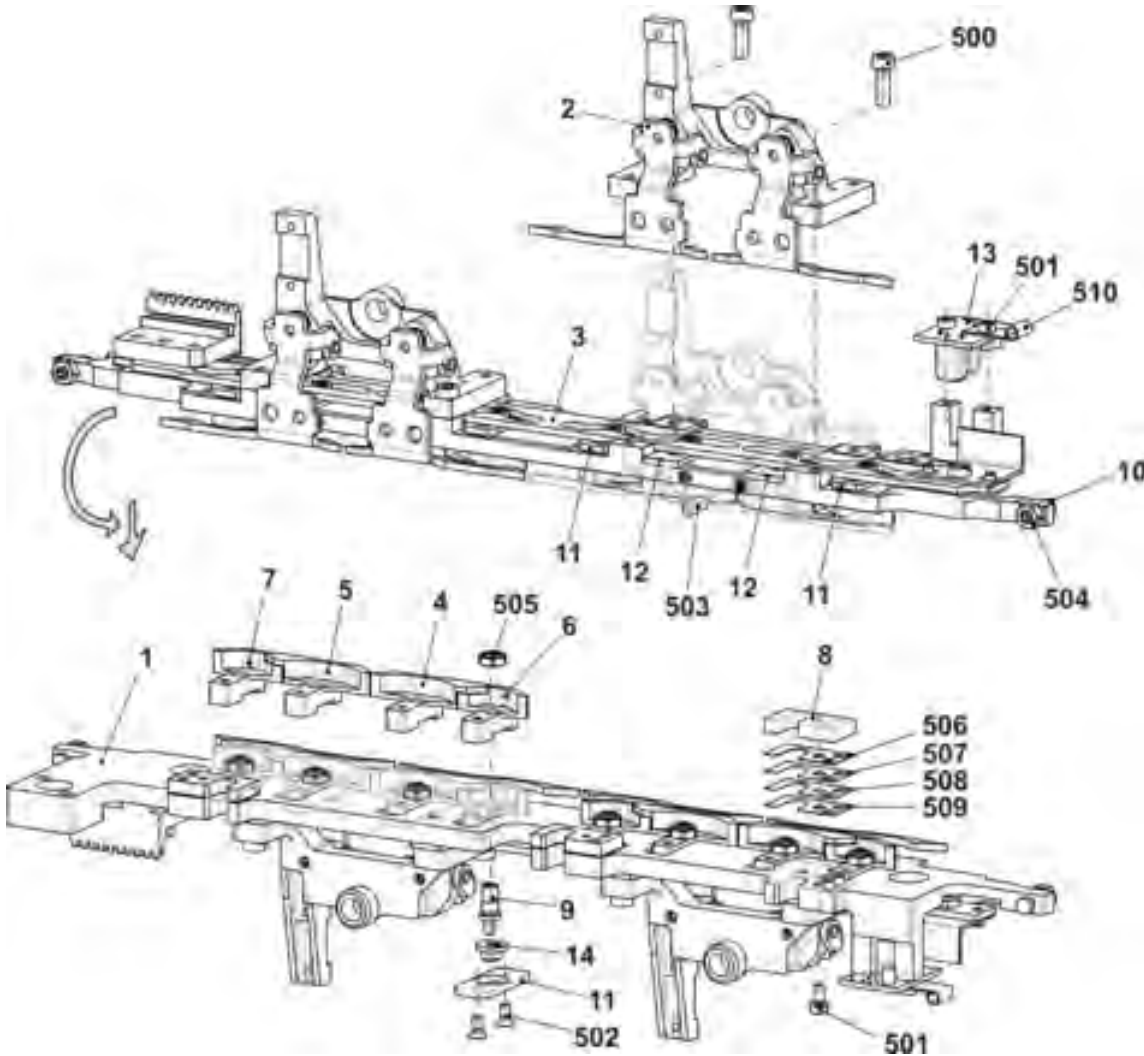
5.1.9.5 Jack cam box E7.2 kw

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Jack cam box complete E7.2 kw	254 222		13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511		501	Cap screw M3x6	241 857
4	Jack slider on the right E7.2 kw	254 072		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E7.2 kw	254 071		503	Setscrew M4x6	023 726
6	Floating cam at the right E7.2 kw	254 070		504	Hexagon nut M4-6	022 536
7	Floating cam at the left E7.2 kw	254 069		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	Shim 0,03	252 999
9	Eccentric	239 344		507	Shim 0,05	253 000
10	Set screw	241 936		508	Shim 0,1	253 001
11	Covering plate	250 178		509	Shim 0,2	253 002
12	Covering plate	251 466		510	Fastening clamp	008 321



5.1.9.6 Jack cam box E7.2 mg

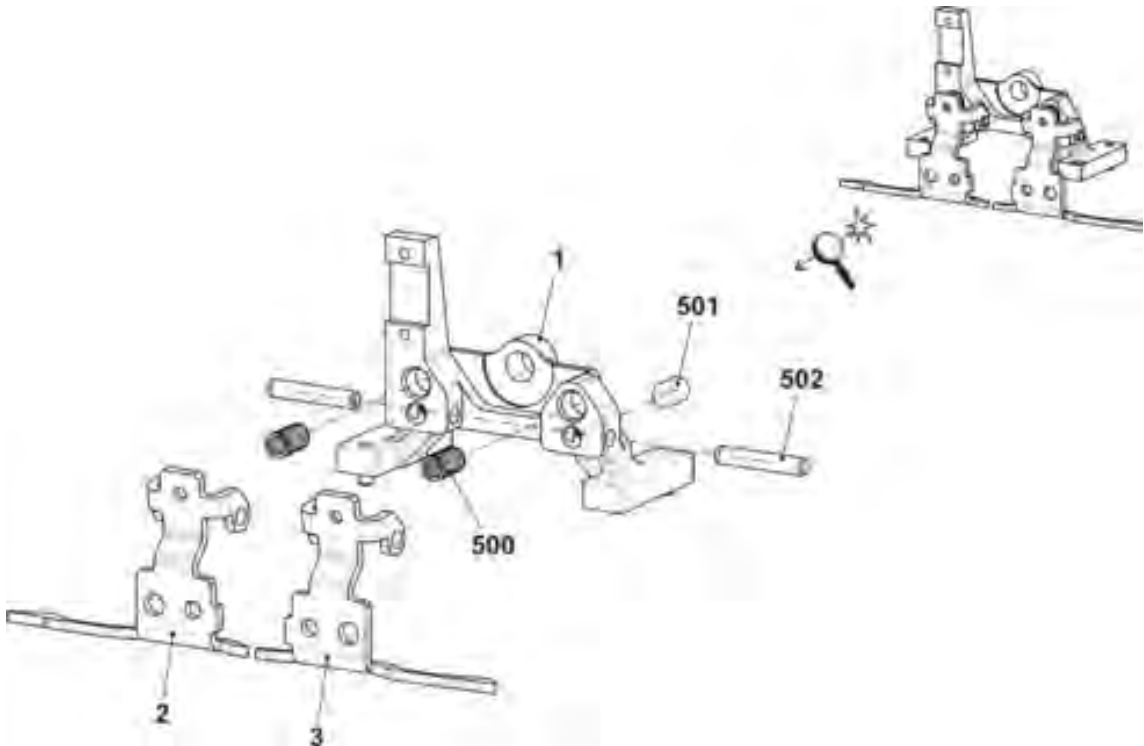
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Jack cam box complete E7.2 mg	254 226	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511	501	Cap screw M3x6	241 857
4	Jack slider on the right E7-8+3,5.2	254 088	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E7-8+3,5.2 mg	254 087	503	Setscrew M4x6	023 726
6	Floating cam at the right E7.2 kw	254 070	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E7.2 kw	254 069	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

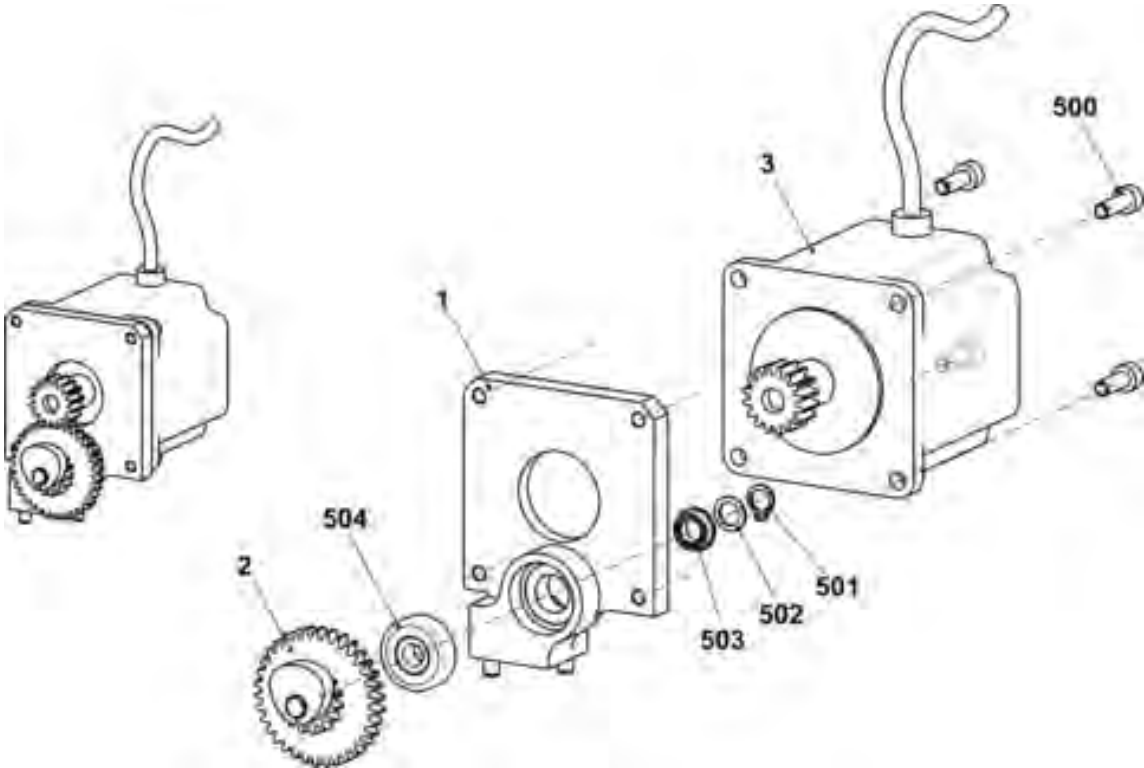
5.1.9.7 Support complete

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Support complete	252 545				
1	Support	254 980		500	Compression spring 0,8x5,0x12	250 693
2	Set-out plate on the right	252 514		501	Setscrew M4x6	023 726
3	Set-out plate on the left	252 515		502	Dowel pin 4x22	020 663



5.1.9.8 Control unit holding-down jacks

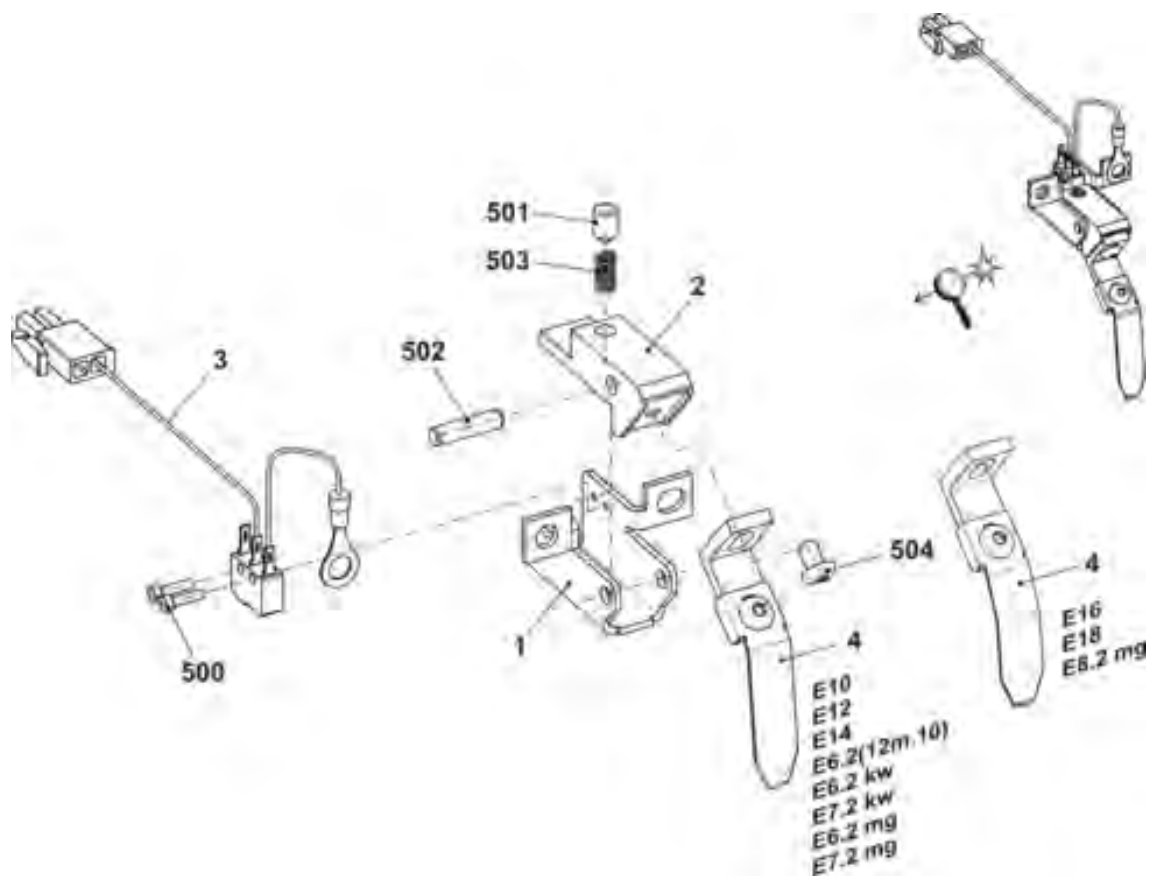
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Control unit holding-down jacks	239 342				
1	Motor plate	239 336		501	Retaining ring6x0,7	023 298
2	Gear wheel complete	256 671		502	Washer6,1x9x0,5	023 554
3	Motor complete	239 343		503	Grooved ball bearing 6x10x3	023 533
500	Cap screw M4x12	022 664		504	Grooved ball bearing 626-2RS	023 587



5.1 Overview of carriage

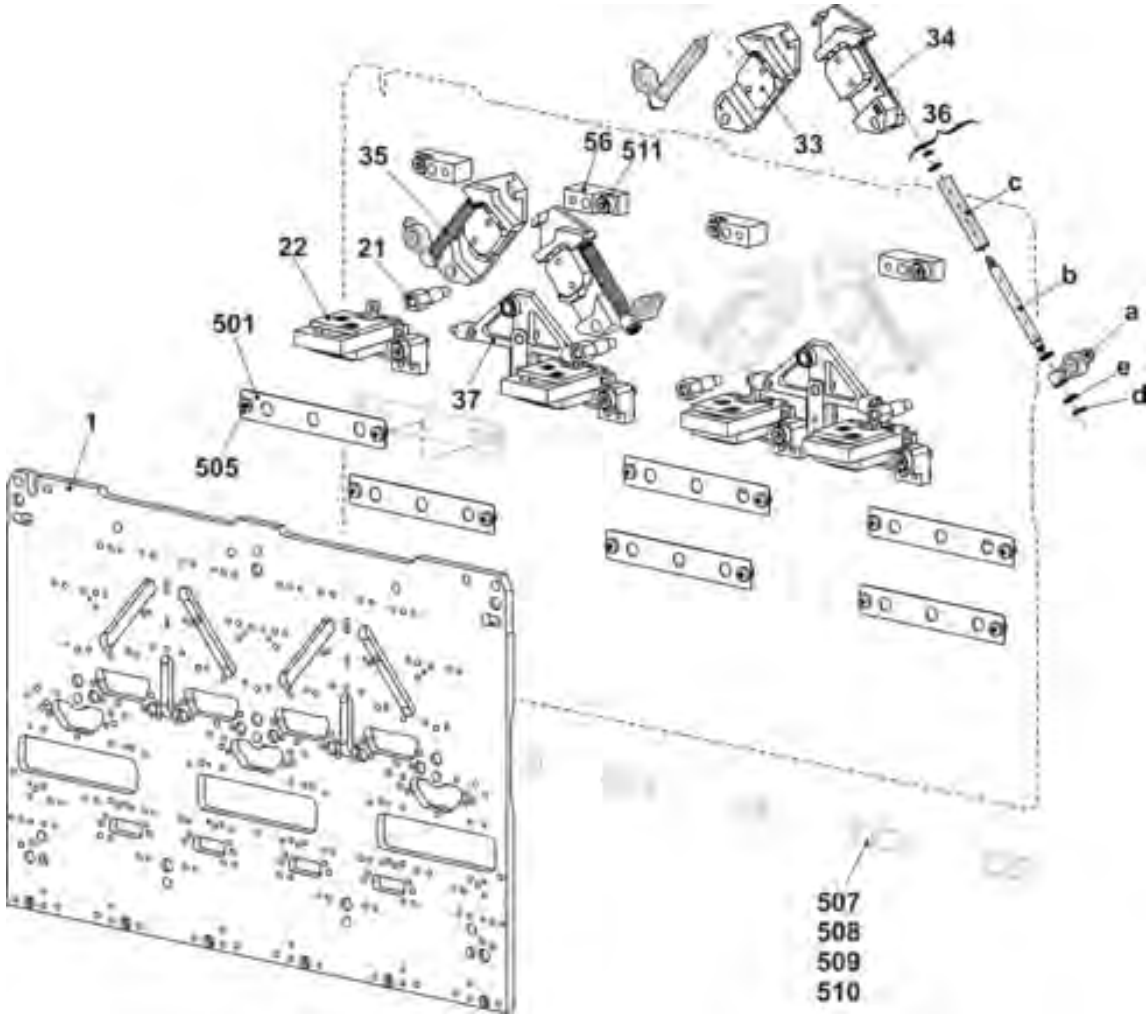
5.1.10 Needle detector

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Needle detector					
	E10 E12 E14 E6.2(12m.10) E6.2 kw E7.2 kw E6.2 mg E7.2 mg	256 822				
	E16 E18 E8.2 mg	256 823				
1	Needle detector retainer	256 828		500	Pan head screw M2x8	258 310
2	Switch rocker	256 829		501	Setscrew M5x8	022 809
3	Cable of needle detector complete	240 018		502	Dowel pin 4x16	020 660
4	Sensor pre-assembled E10-14	256 454		503	Compression spring 4,3x0,45x10	021 398
	Sensor pre-assembled E16-18	256 784		504	Pan head screw M4x6	023 427



5.1.11 Cam box E10

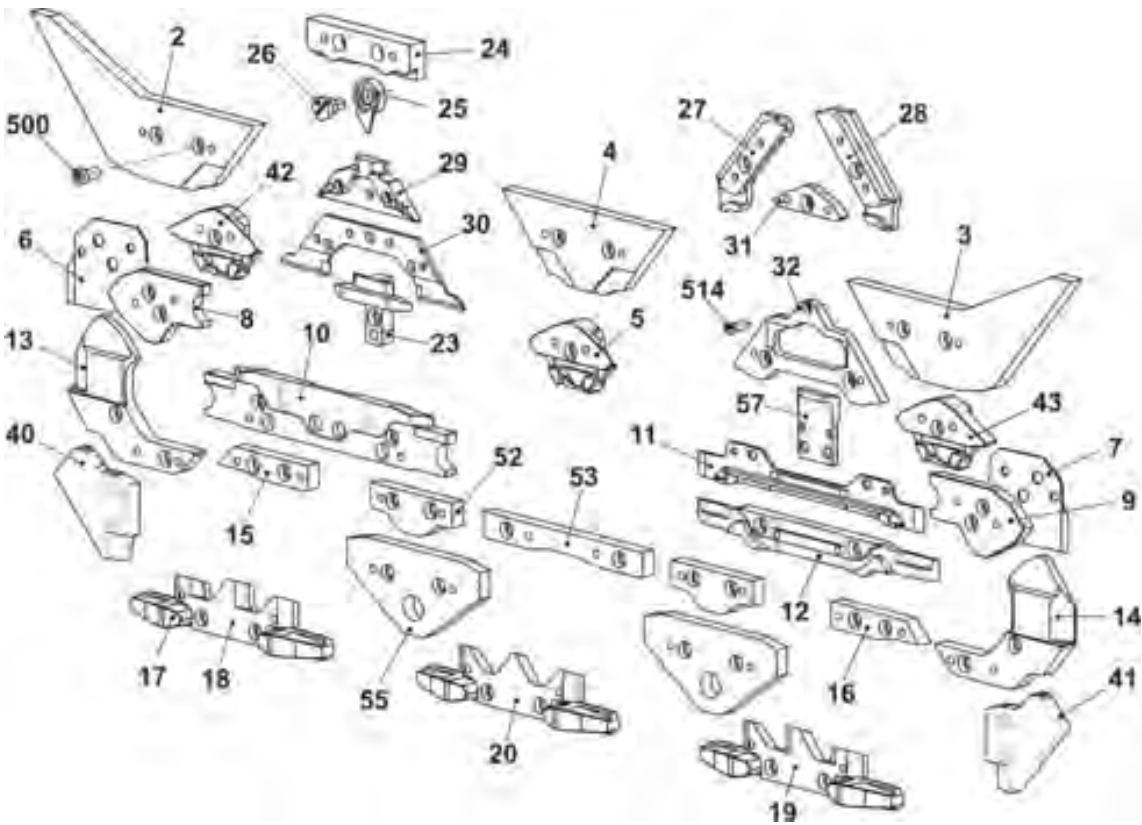
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E10		259 263		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE10		254 246		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE10		254 247		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

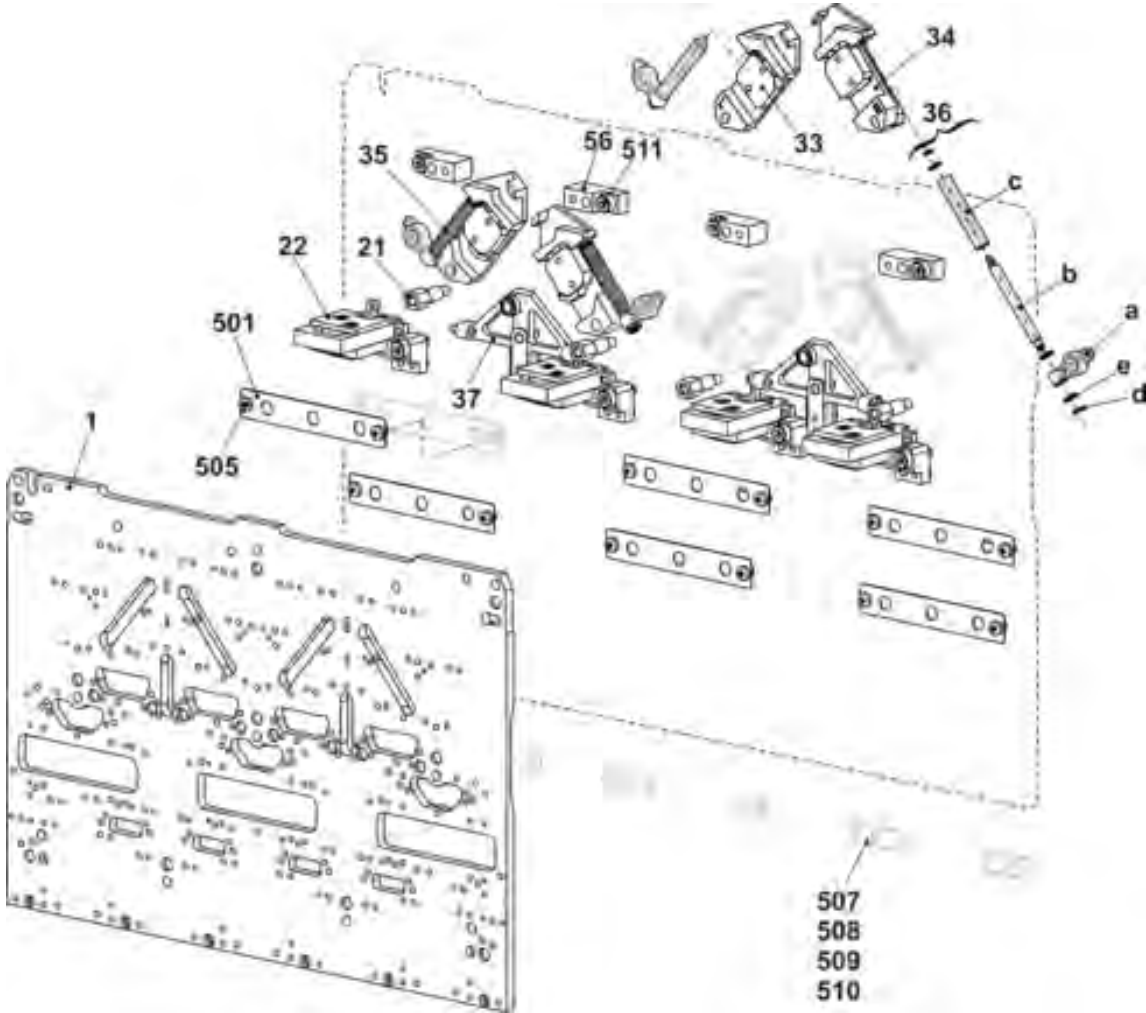
5.1.11.1 Cams E10, continuation

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E10+7.2	251 993
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10 -E14, E7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10 -E14, E7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E10, E7.2	254 295
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E10 - 12	251 997
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE10-12, E7.2	254 334
11	Cam guide at the top E10-18	258 161	32	Raising cam with split-stitchE10-12, E7.2	254 335
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.12 Cam box E12

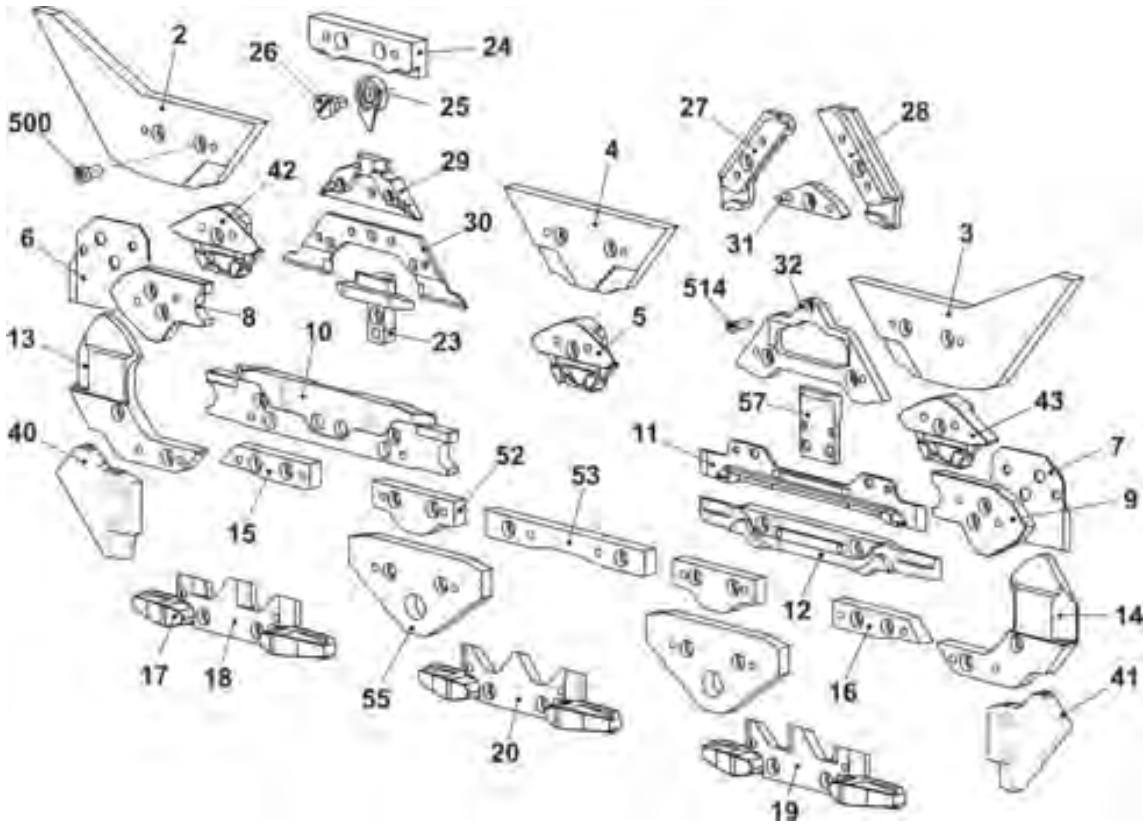
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E12		259 264		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

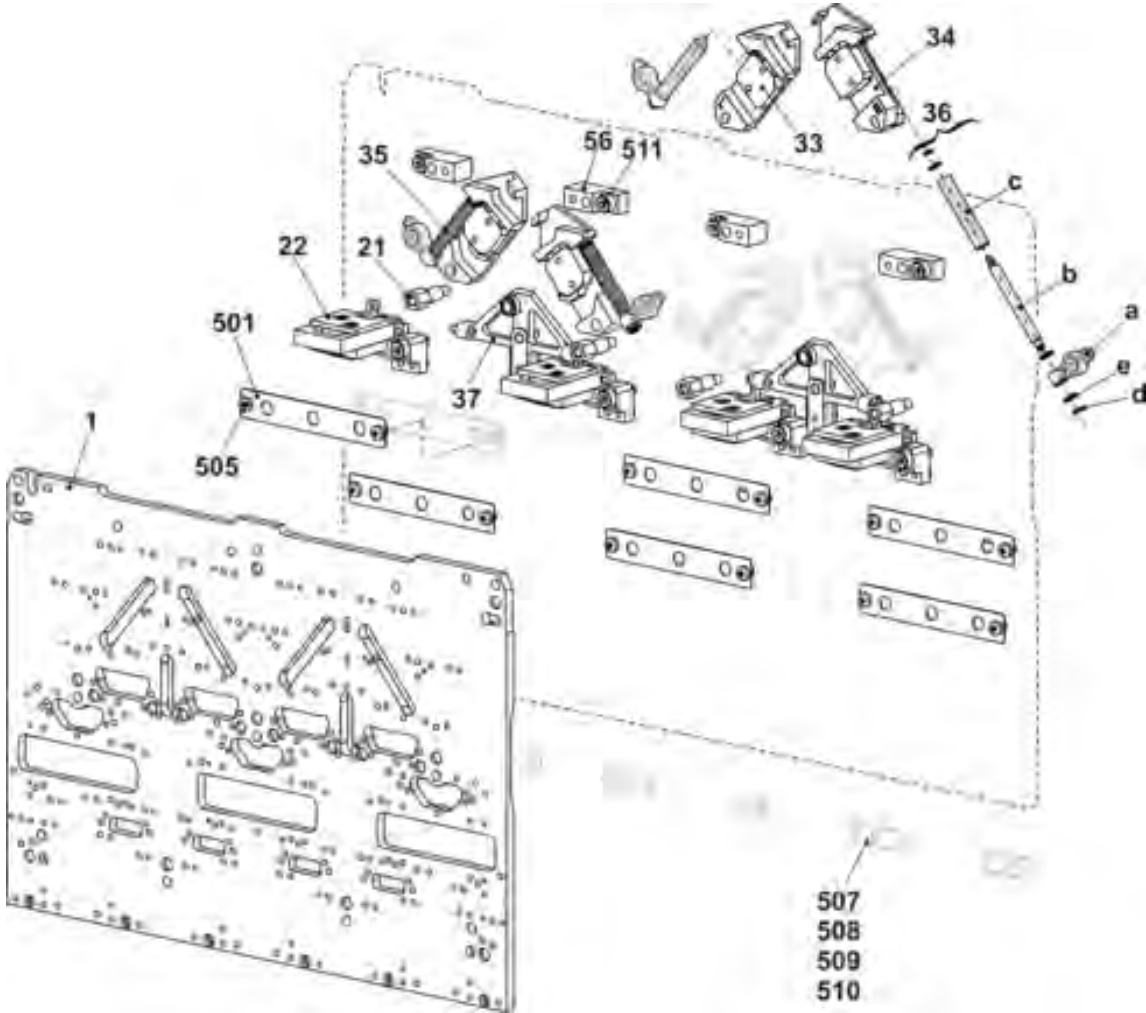
5.1.12.1 Cams E12, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E12-14	252 522
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10 -E14, E7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10 -E14, E7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E12-14	254 298
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E10 - 12	251 997
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE10-12, E7.2	254 334
11	Cam guide at the top E10-18	258 161	32	Raising cam with split-stitchE10-12, E7.2	254 335
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.13 Cam box E14

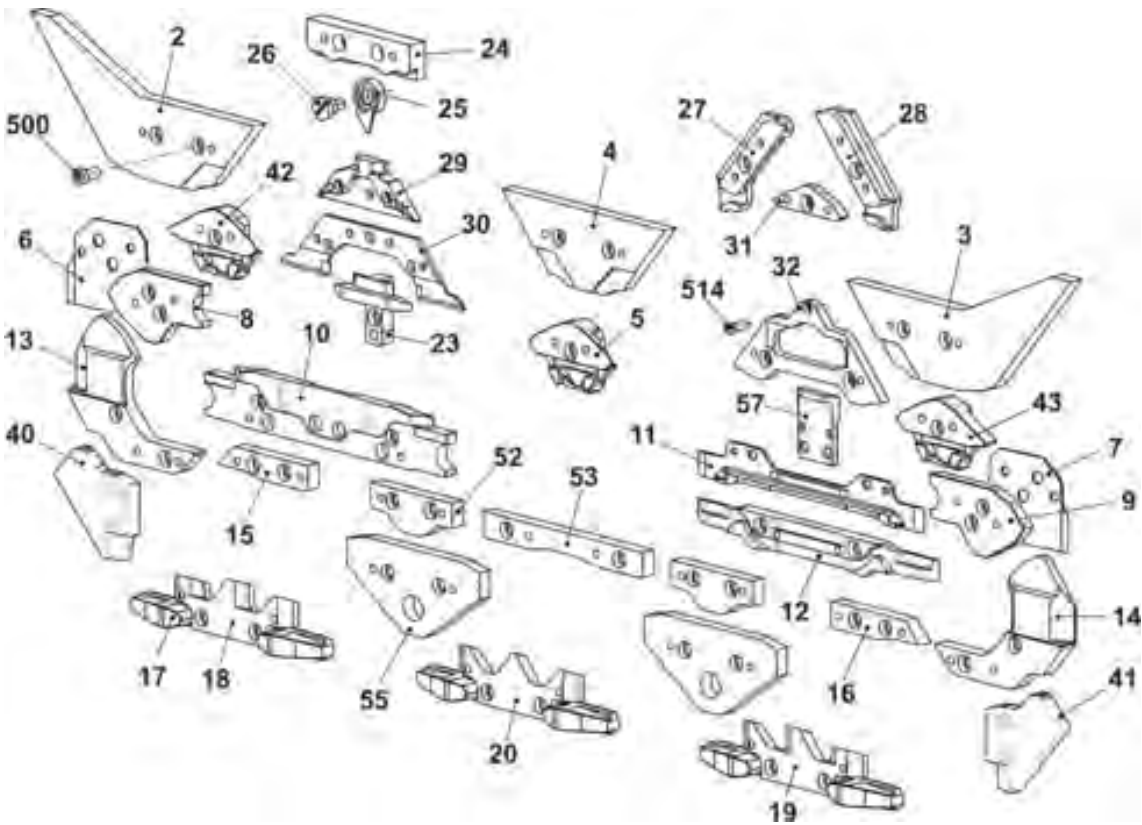
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E14		259 265		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

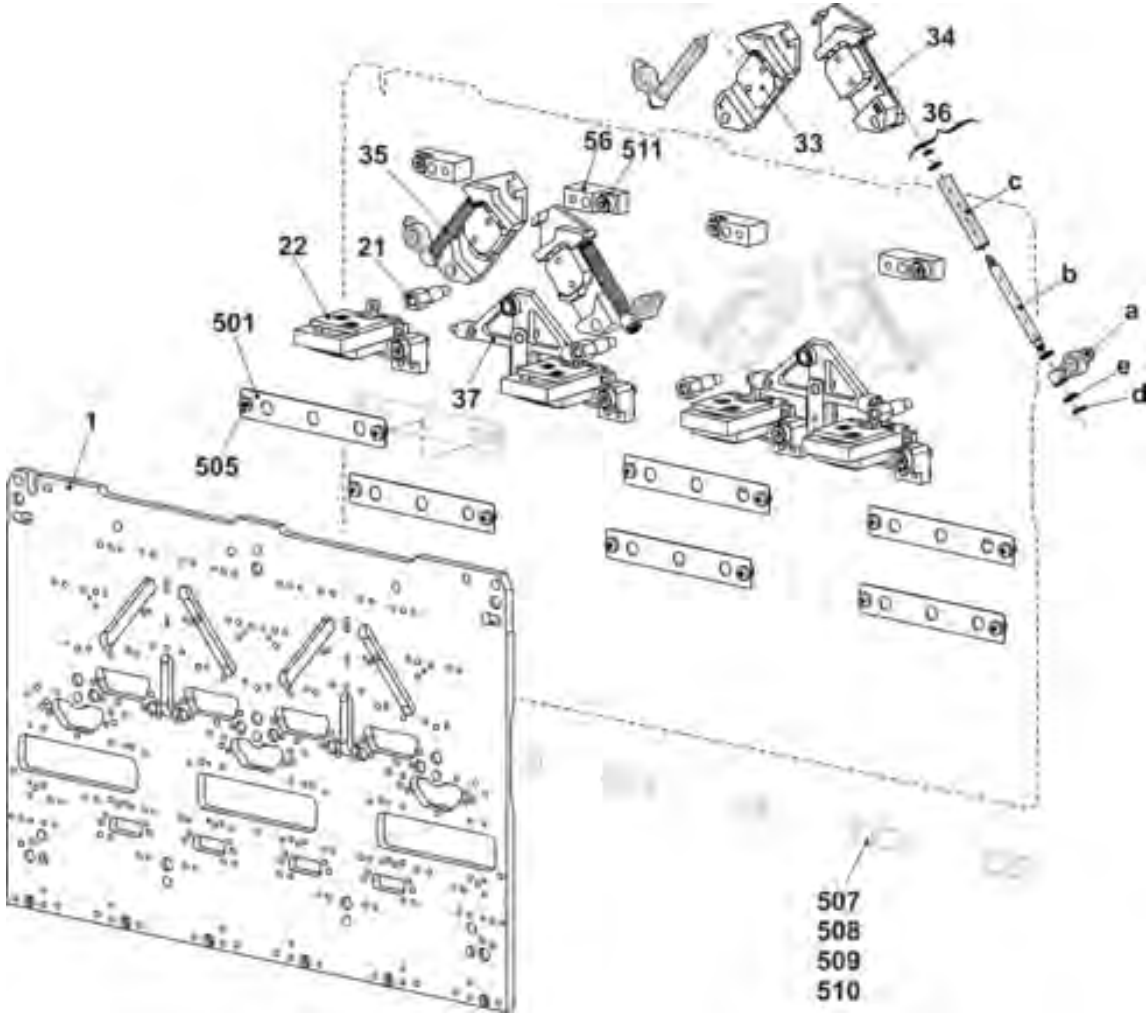
5.1.13.1 Cams E14, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E12-14	252 522
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10 -E14, E7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10 -E14, E7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E10-14	254 298
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E14	252 607
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE14	254 336
11	Cam guide at the top E10-18	258 161		Raising cam with split-stitchE14	254 337
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.14 Cam box E16 | E18

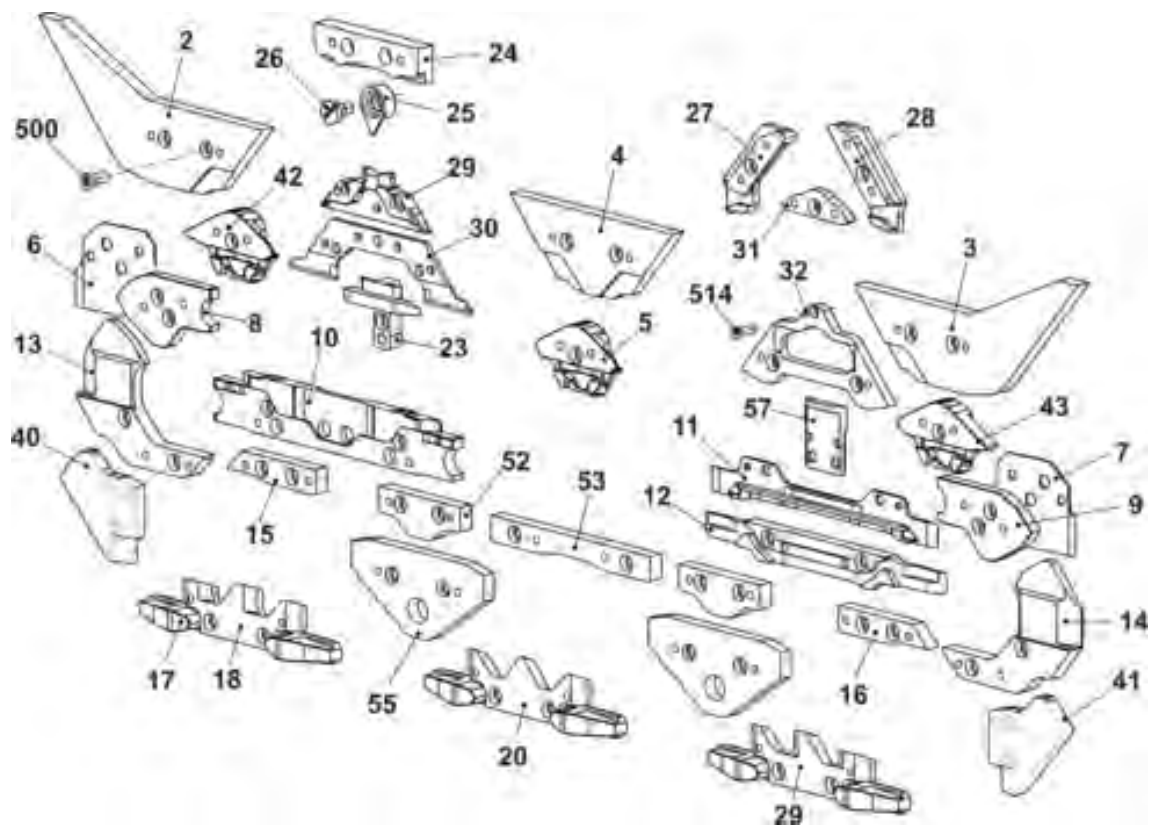
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E16-18		259 266		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE16-18		251 965		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE16-18		251 966		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

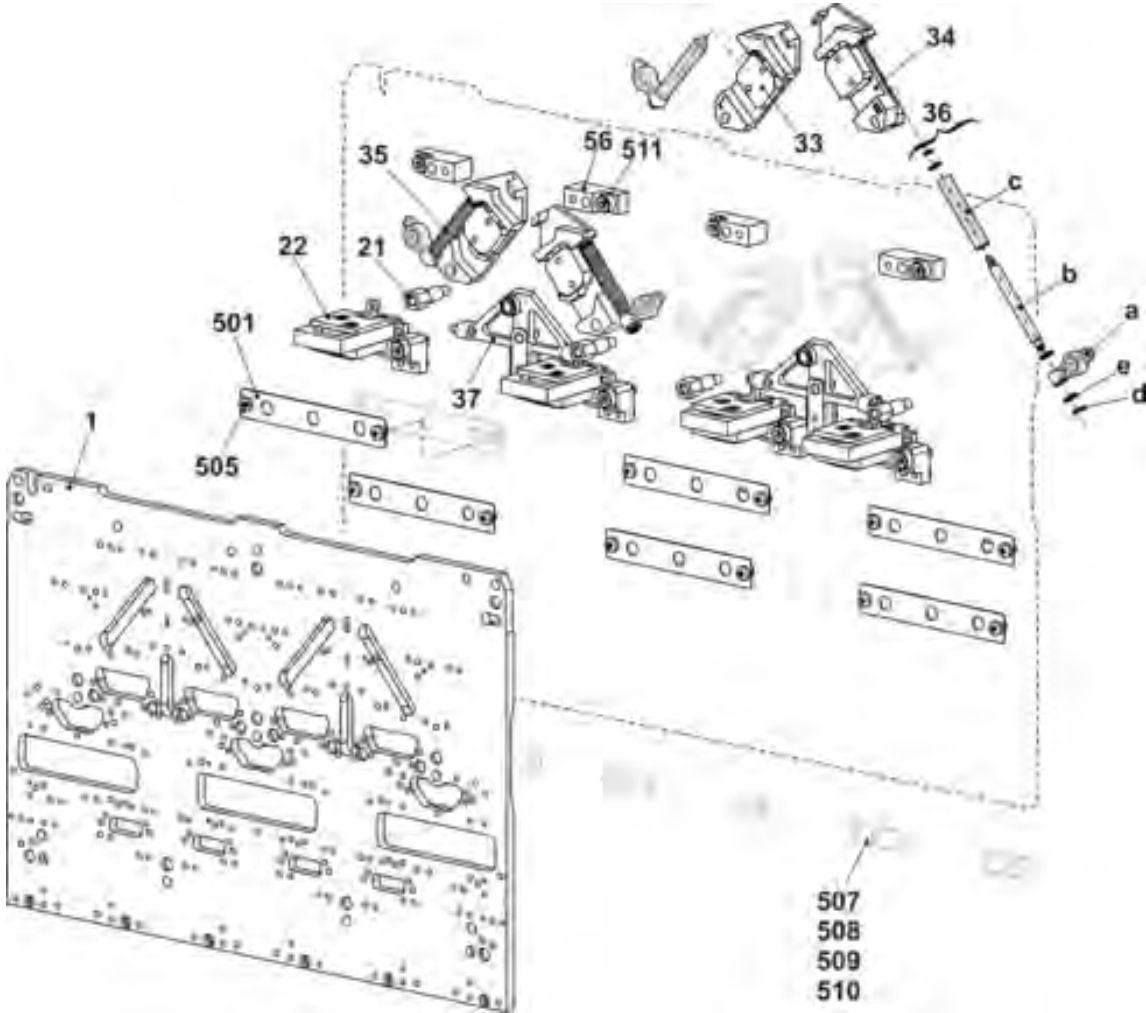
5.1.14.1 Cams E16 | E18, continuation

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E16-18	252 646
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E16-18	252 656
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E16-18	255 027	27	Stitch cam on the left E16-18, E8.2	254 338
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E16-18, E8.2	254 339
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E16-18	254 299
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E16-18	252 654
10	Pressure strip E16-18	256 681	32	Raising cam without split-stitchE16-18, E8.2	254 340
11	Cam guide E10-18	258 161		Raising cam with split-stitchE16-18, E8.2	254 341
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE16-18	255 028
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E16-18	255 029
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



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

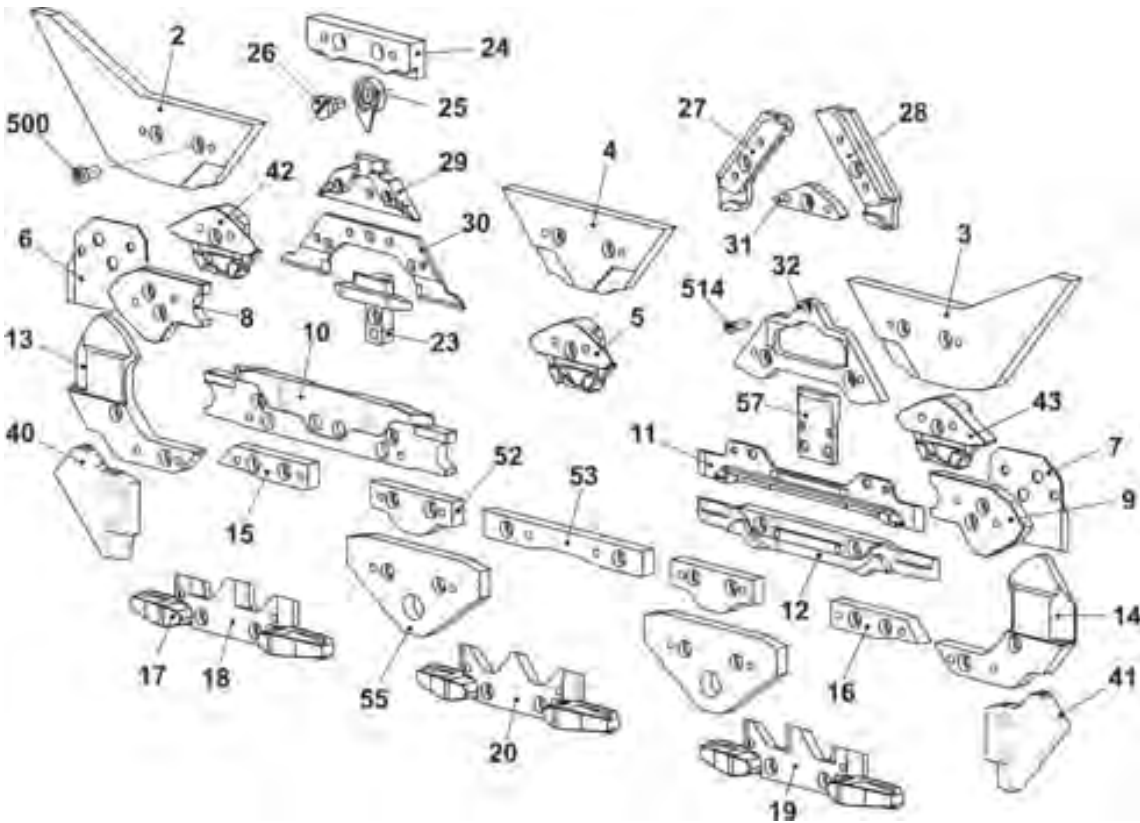
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E6.2(12m.10)		259 267		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

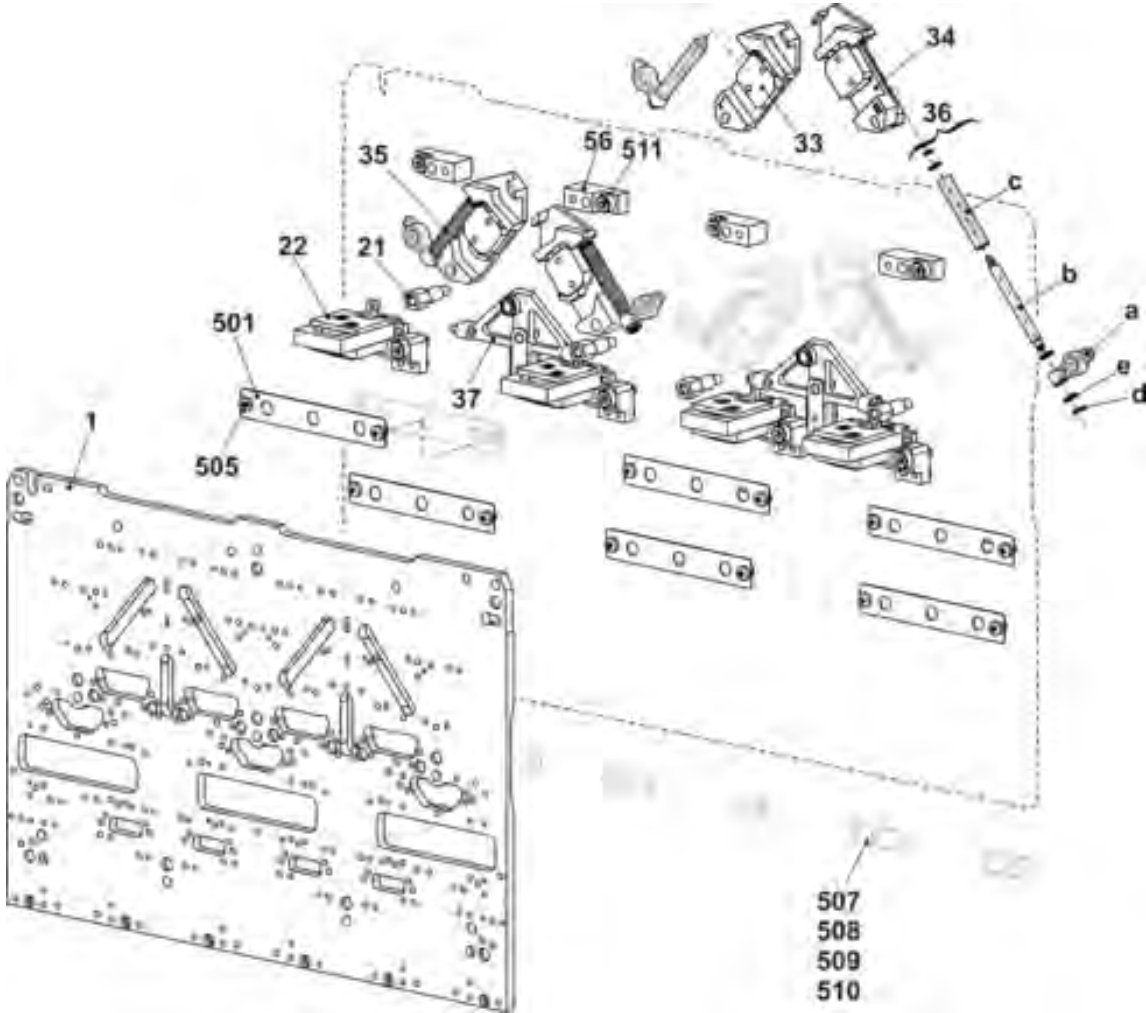
5.1.15.1 Cams E6.2(12m.10)

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E10+7.2	251 993
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10 -E14, E7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10 -E14, E7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E10+7.2	254 295
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E10 - 12	251 997
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE10-12, E7.2	254 334
11	Cam guide E10-18	258 161		Raising cam with split-stitchE10-12, E7.2	254 335
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.16 Cam box E6.2 kw

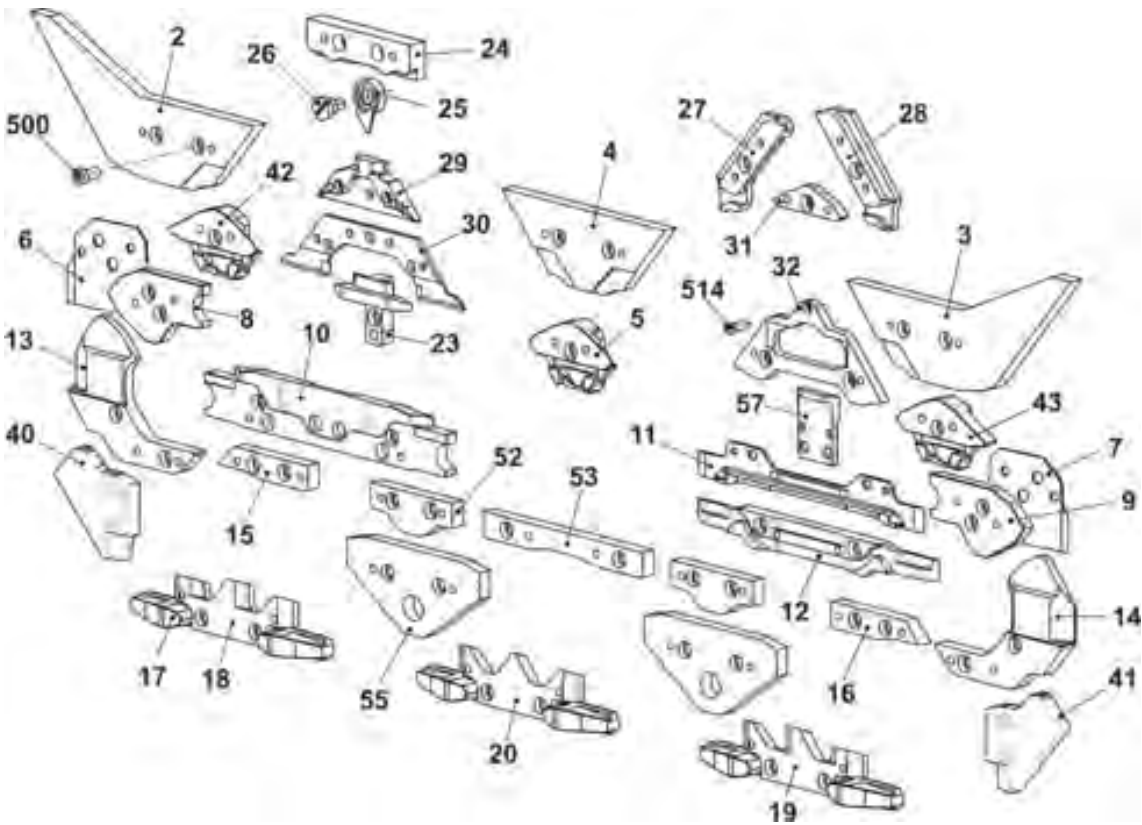
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E6.2 kw		259 268		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

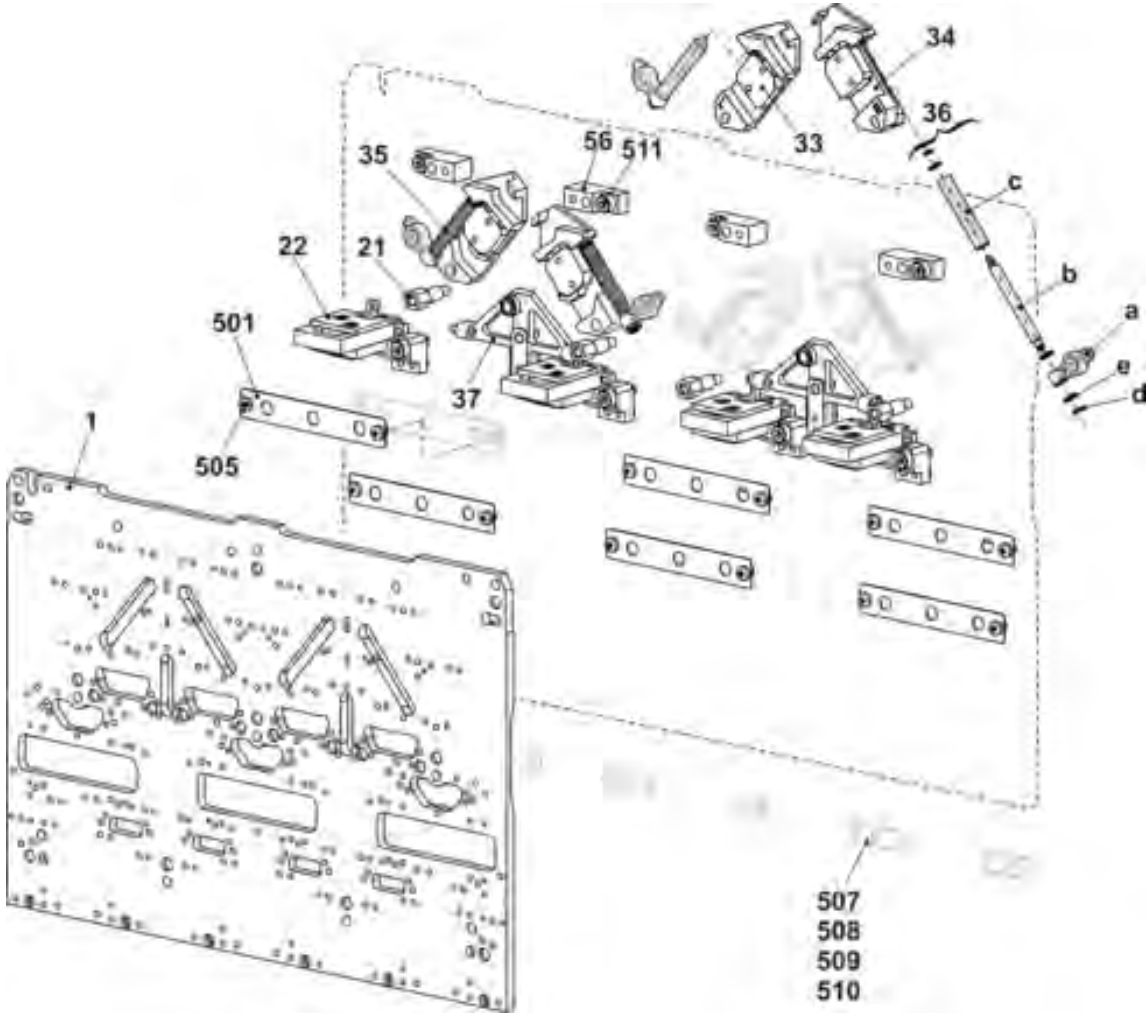
5.1.16.1 Cams E6.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	24	Limiting cam E6.2	252 955
3	Entry cam on the right at the top	256 694	25	Pointer E10	251 994
4	Entry cam at the top	256 692	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E6.2	254 342
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E6.2	254 343
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E6.2	254 301
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E6.2	252 960
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE6.2	254 344
11	Cam guide at the top E10-18	258 161		Raising cam with split-stitchE6.2	254 345
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.17 Cam box E7.2 kw

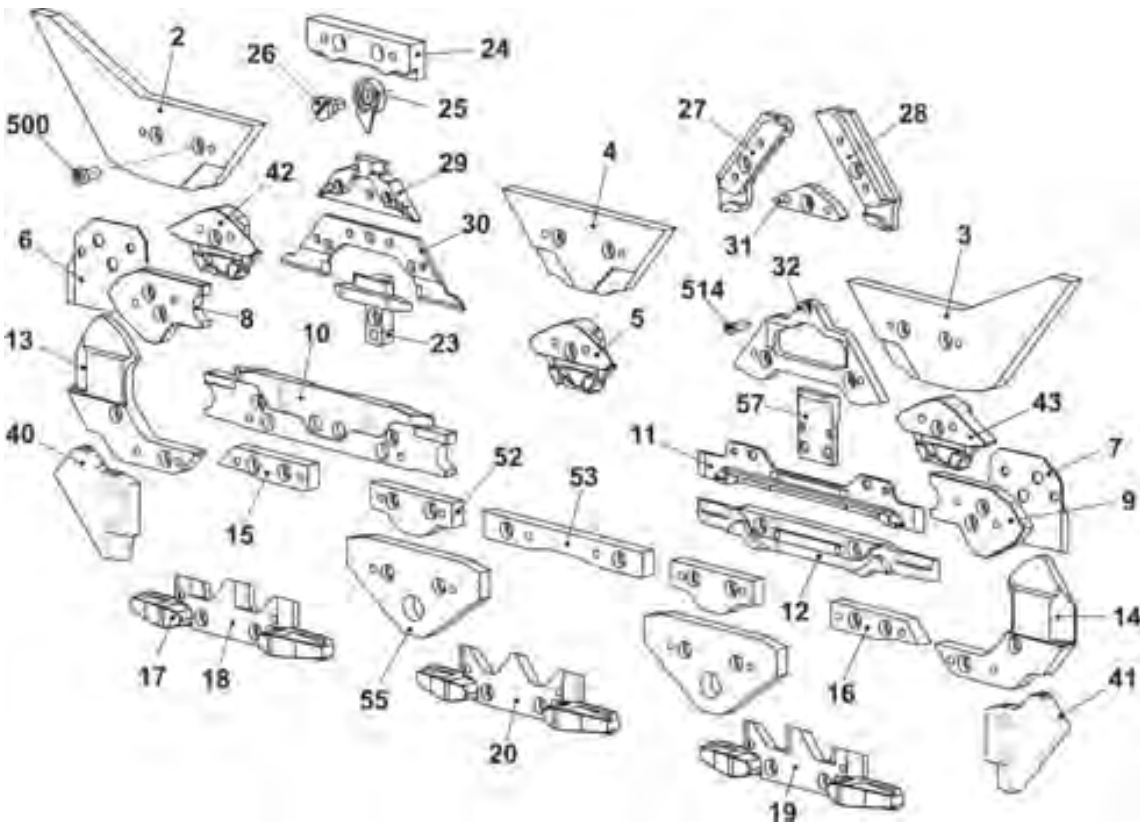
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E7.2 kw		259 269		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

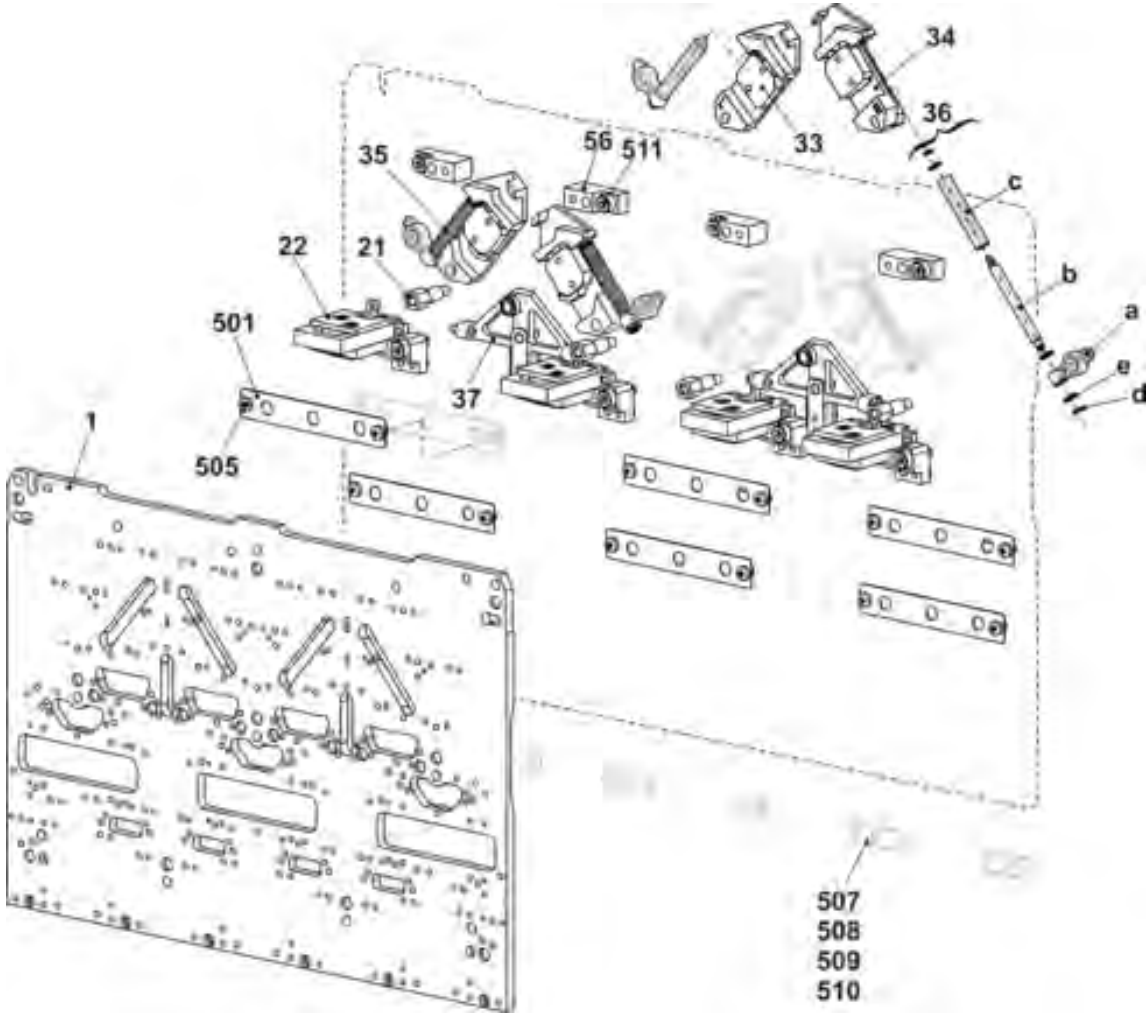
5.1.17.1 Cams E7.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	24	Limiting cam E10+7.2	251 993
3	Entry cam on the right at the top	256 694	25	Pointer E10	251 994
4	Entry cam at the top	256 692	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10-14, E7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10-14, E7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E10+E7.2	254 295
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E10-12	251 997
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE10-12, 7.2	254 334
11	Cam guide at the top E10-18	258 161		Raising cam with split-stitchE10-12, 7.2	254 335
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.18 Cam box E6.2 mg

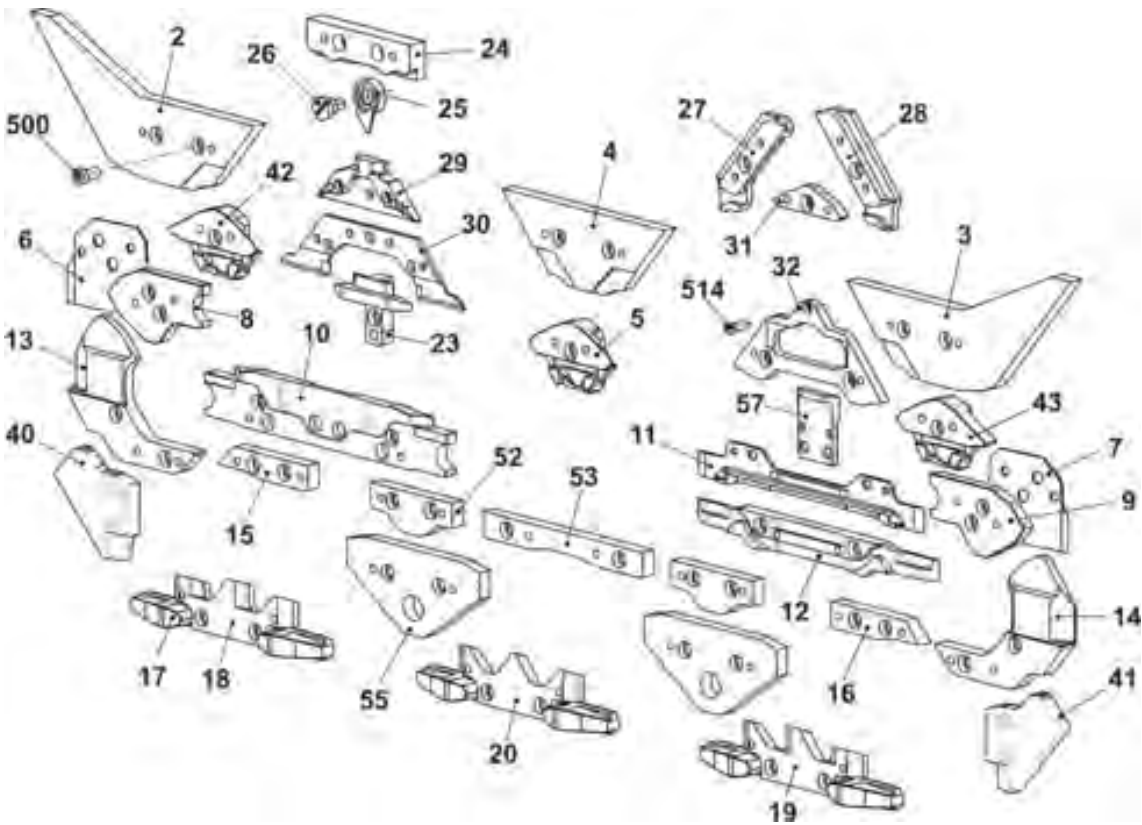
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E6.2 mg		259 270		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

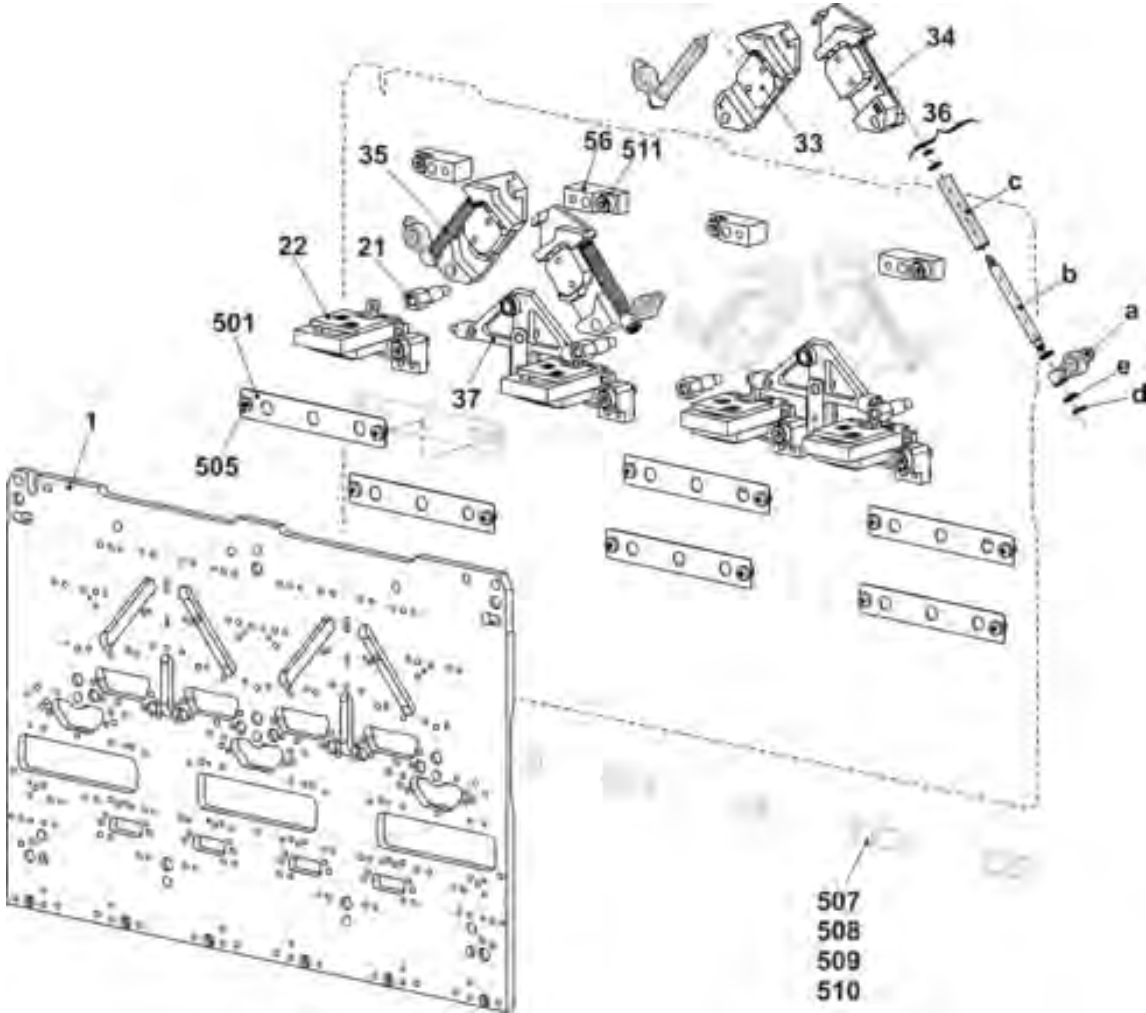
5.1.18.1 Cams E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E6.2	252 955
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E6.2	254 342
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E6.2	254 343
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E6.2	254 301
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E6.2	252 960
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE6.2	254 344
11	Cam guide at the top E10-18	258 161		Raising cam with split-stitchE6.2	254 345
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.19 Cam box E7.2 mg

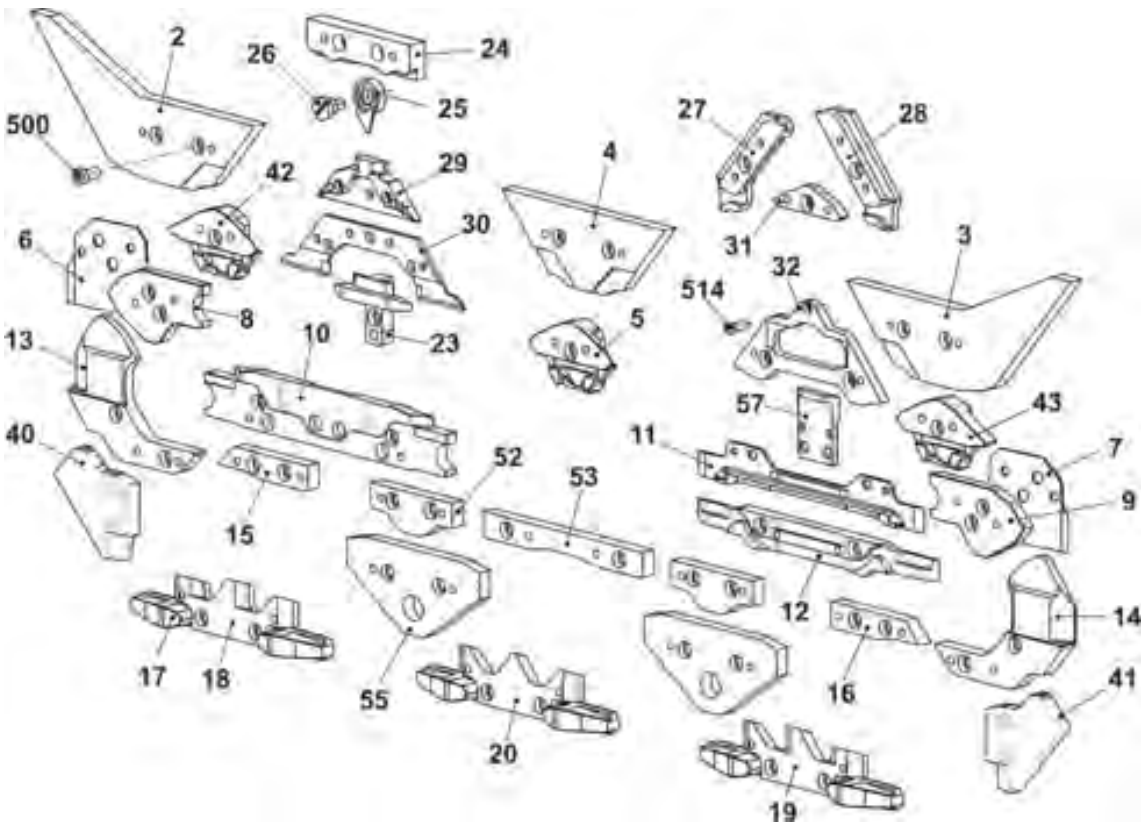
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E7.2 mg		259 271		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE12-14		254 248		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE12-14		254 249		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

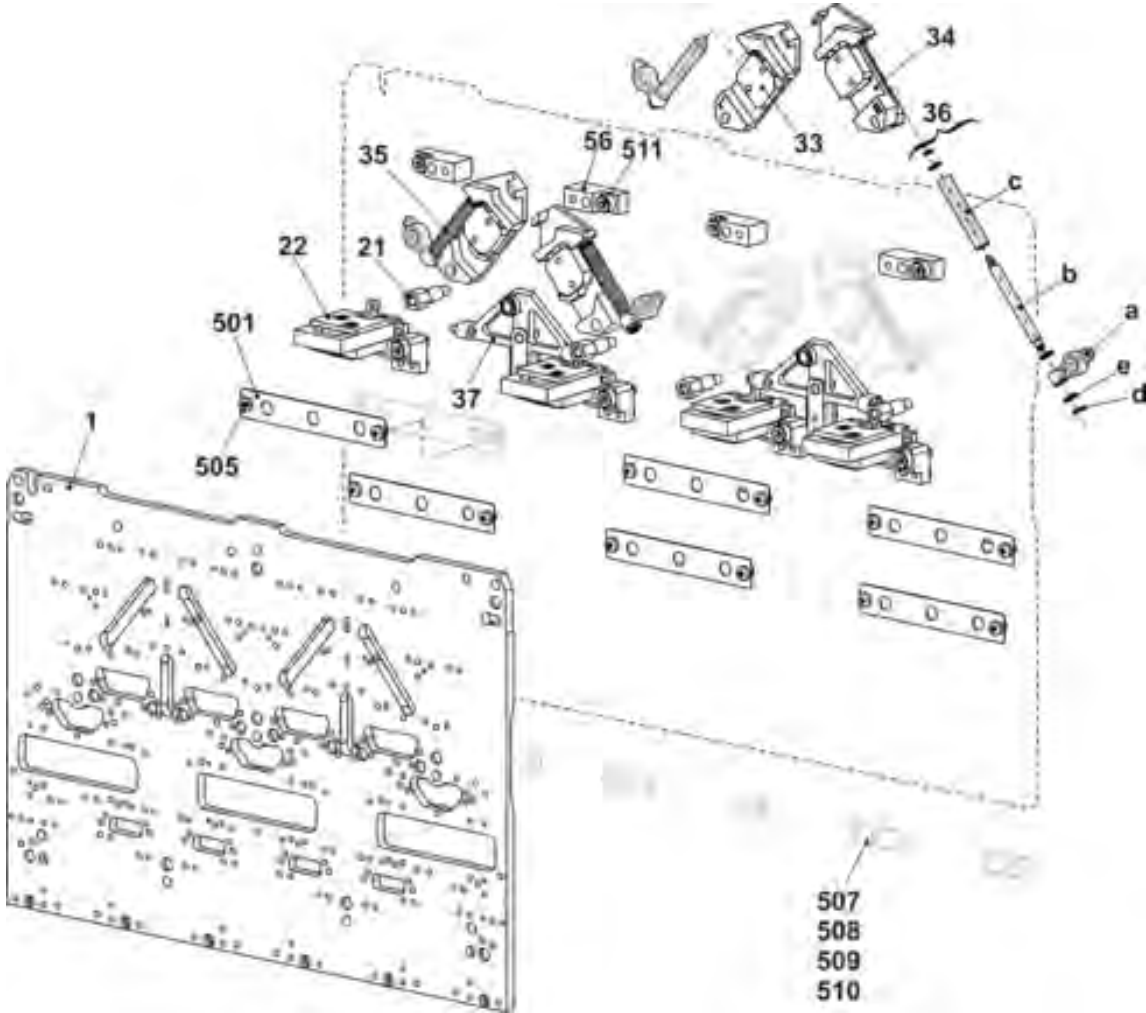
5.1.19.1 Cams E7.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	24	Limiting cam E10+7.2	251 993
3	Entry cam on the right at the top E10-18	256 691	25	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689	26	Screw	210 335
5	Knitting position cam E10-14, 6.2, 7.2	255 021	27	Stitch cam on the left E10-14, 7.2	254 331
6	Plate on the left E10-18	255 389	28	Stitch cam on the right E10-14, 7.2	254 332
7	Plate on the right E10-18	255 390	29	Tuck limiting cam E10+7.2	254 295
8	Entry cam on the left E10-18	255 391	30	Raising cam plate E10-18	251 992
9	Entry cam on the right E10-18	255 392	31	Receiving cam E10-12	251 997
10	Pressure strip E10-14	255 540	32	Raising cam without split-stitchE10-12, 7.2	254 334
11	Cam guide at the top E10-18	258 161		Raising cam with split-stitchE6.2	254 335
12	Cam guide E10-18	255 541	40	Cam on the left E10-18	259 768
13	Cam on the left E10-18	255 613	41	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	42	Knitting position cam on the leftE10-14, 6.2, 7.2	255 022
15	Limiting cam on the left E10-18	251 886	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
16	Limiting cam on the right E10-18	251 887	52	Cam E10-18	251 888
17	Offering cam	210 185	53	Limiting cam E10-18	251 885
18	Selection cam on the left E10-18	251 876	55	Cam E10-18	258 152
19	Selection cam on the right E10-18	251 877	57	Transfer pressure part	253 838
20	Selection cam E10-18	251 875	500	Cap screw M4x8	020 091
23	Tuck pressure part	253 828	514	Cap screw M3x8	020 081



5.1.20 Cam box E8.2 mg

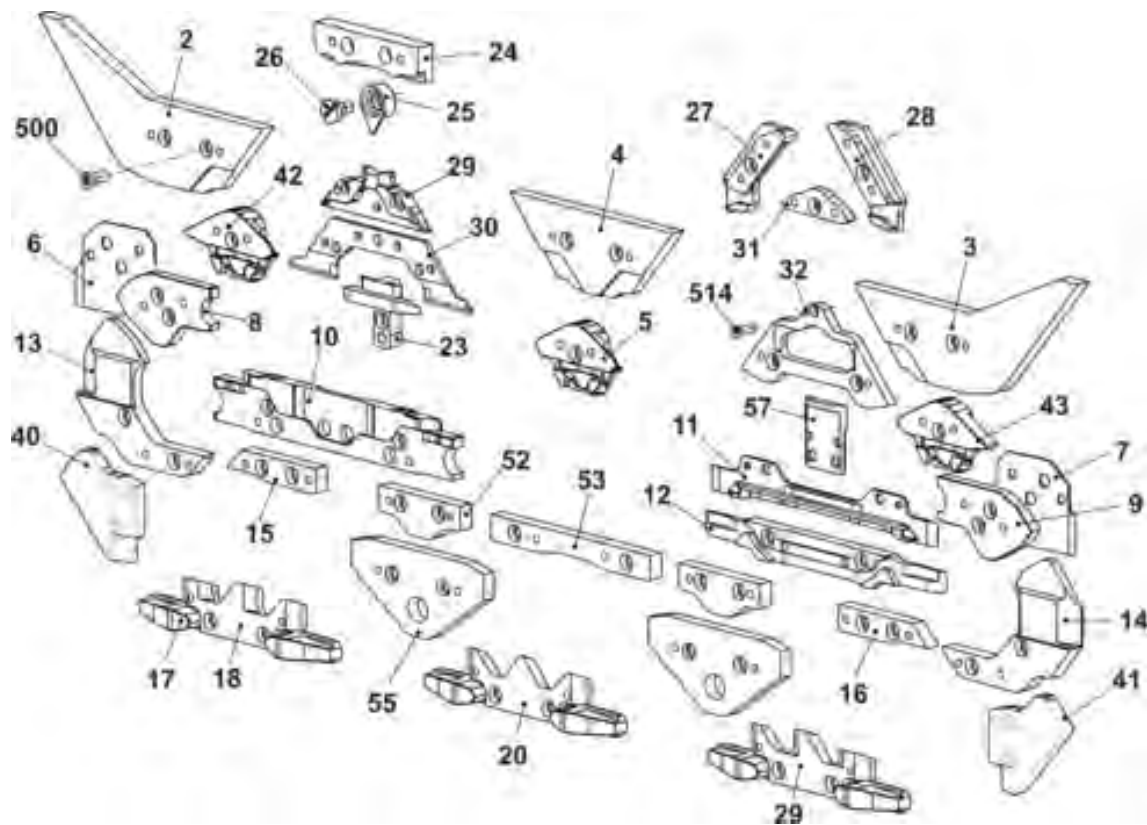
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Cam box set complete E16-18		259 272		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			e	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		56	Holding piece		251 828
33	Loop sinking cam on the left completeE16-18		251 965		501	Shim0,03x12x75		236 654
34	Loop sinking cam on the right completeE16-18		251 966		505	Pan head screw M3x4		023 142
35	Rod guide element on the left complete		252 662		507	Shim0,03x8x28		023 452
36	Rod guide element on the right complete		252 663		508	Shim0,05x8x28		023 020
	a	Rod guide part	258 148		509	Shim0,1x8x28		023 018
	b	Spring rod	252 661		510	Shim0,2x8x28		023 385
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

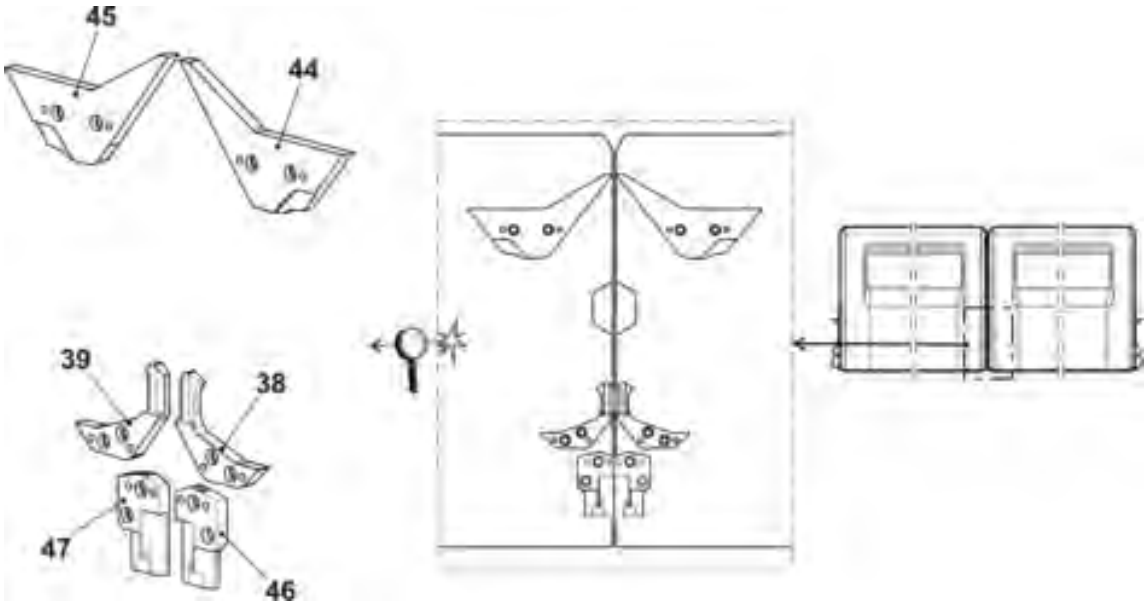
5.1.20.1 Cams E8.2 mg

Pos	Designation	Id. no.	Pos	Designation	Id. no.
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E16-18, E8.2	254 338
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E16-18, E8.2	254 339
5	Knitting position cam E16-18	255 027	29	Tuck limiting cam E8.2	260 902
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E8.2	260 903
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE16-18, E8.2	254 340
9	Entry cam on the right E10-18	255 392		Raising cam with split-stitchE16-18, E8.2	254 341
10	Pressure strip E16-18	256 681	40	Cam on the left E10-18	259 768
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	259 769
12	Cam guide E10-18	255 541	42	Knitting position cam on the leftE16-18	255 028
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E16-18	255 029
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim0,1x8x28	023 018
24	Limiting cam E8.2	260 901	510	Shim0,2x8x28	023 385
25	Pointer E16-18	252 656	514	Cap screw M3x8	020 081



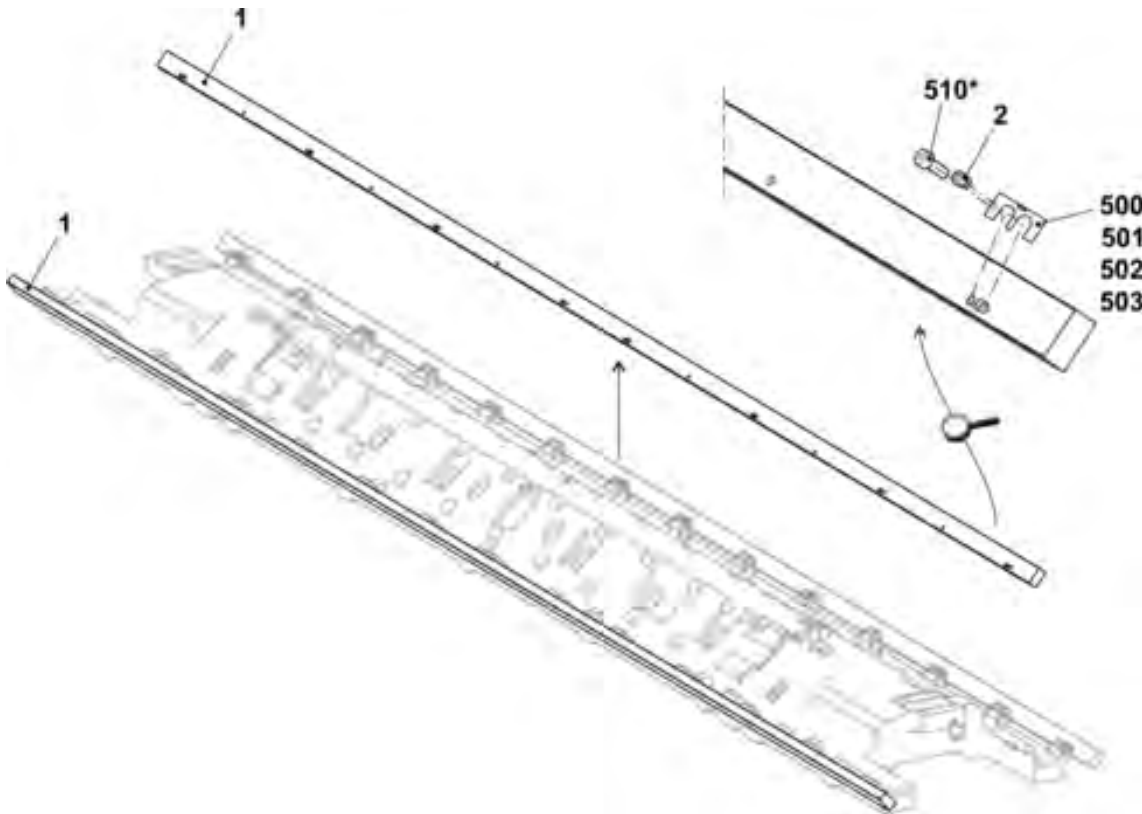
5.1.21 Cams for narrow coupling

Pos	Designation	Id		Pos	Designation	Id
38	Cam on the left E10-18	252 002		45	Entry cam on the right at the top E10-18	256 697
39	Cam at the right E10-18	252 003		46	Cam on the left E10-18	258 155
44	Entry cam on the left at the top E10-18	256 696		47	Cam at the right E10-18	258 156



5.2 Spare parts package carriage guide rail

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Spare parts package carriage guide rail ^{84"}	252 993		501	Shim0,05x22x42	243 291
1	Carriage guide rail	242 486		502	Shim0,10x22x42	243 292
2	Adjusting eccentric	241 219		503	Shim0,20x22x42	243 293
500	Shim0,03x22x42	243 289		510*	Cap screw M8x20	020 141

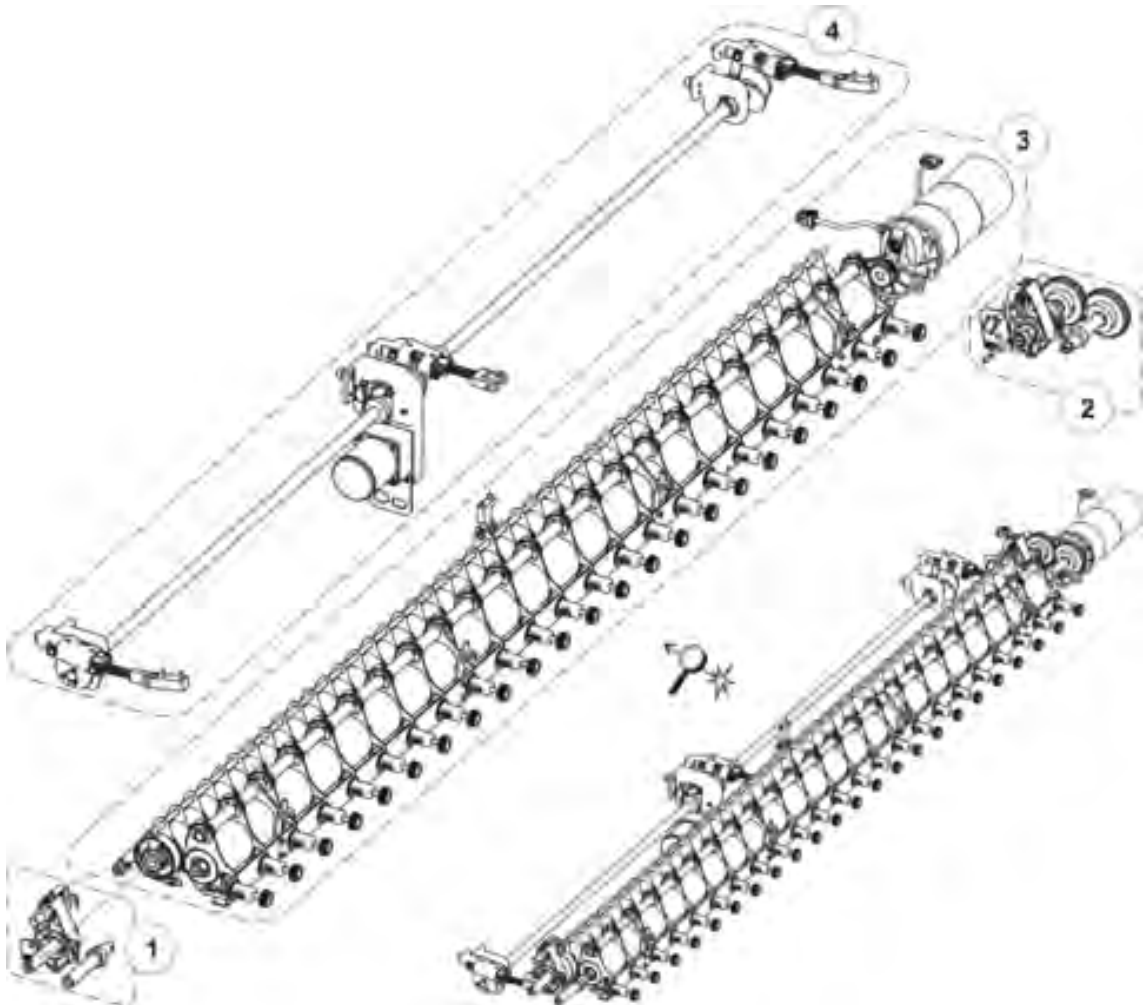


6 Main take-down



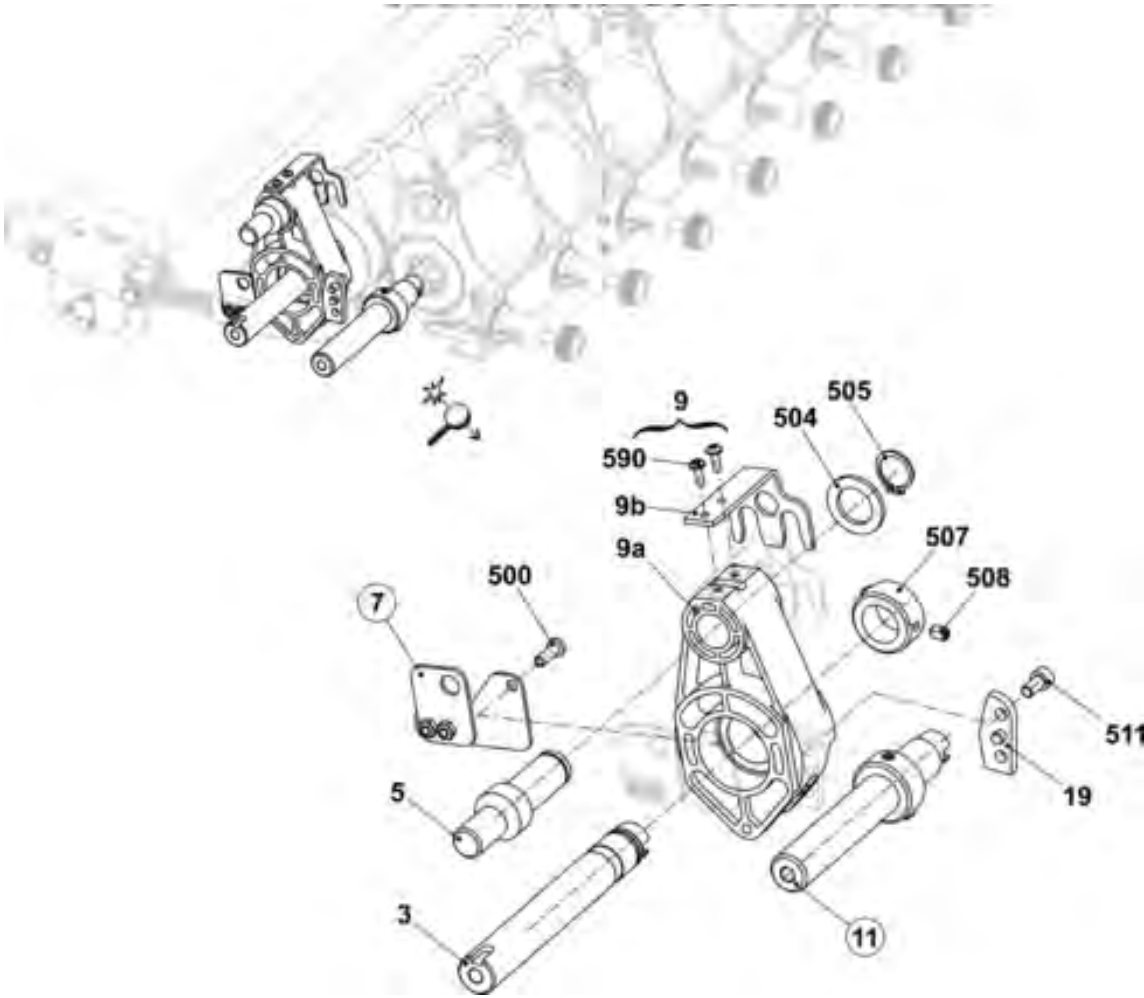
6.1 Main take-down

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Main take-down			4	Main take-down on / off complete 84"	253 387
1	Main take-down on the left	255 257		3	Main take-down in the middle E10 E12 E14 E6.2(12m.10) E6.2 E7.2	255 249
2	Main take-down on the right	255 258			Main take-down in the middle E16 E18 E8.2	255 283



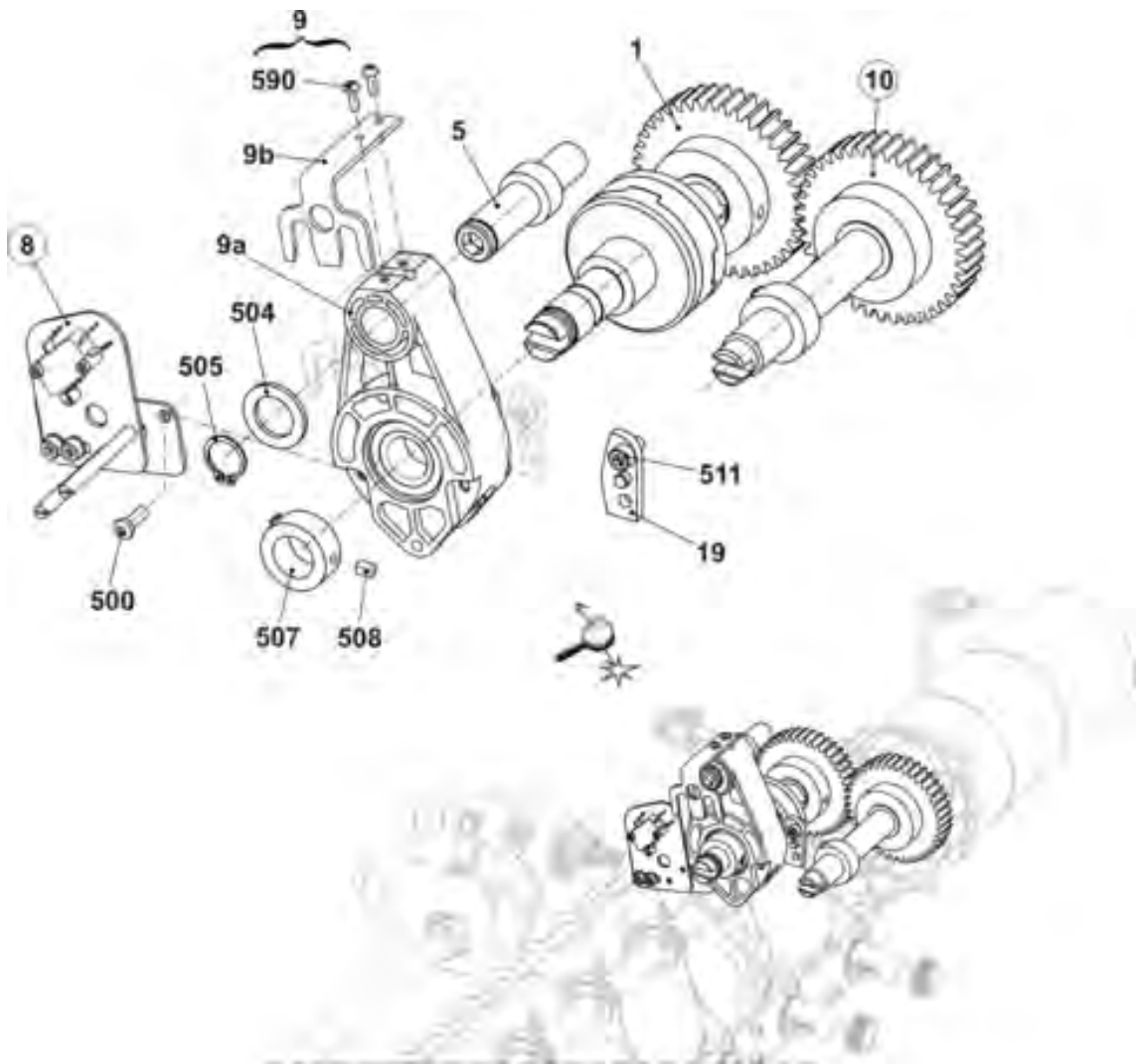
6.2 Main take-down on the left

Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Main take-down on the left		255 257		11	Full floating axle on the left		237 354
3	Shaft on the left at the rear		255 305		19	Stop point		252 503
5	Bolts		208 538		500	Screw 50x15		251 728
7	Mounting plate on the left complete		231 725		504	Washer18		023 295
9	Swivel-mounted bearing		253 247		505	Retaining ring18x1,2		020 955
	9a	Swivel-mounted bearing	253 200		507	Set collar		020 938
	9b	Sheet metal support	253 212		508	Setscrew		022 684
	590	Screw 35x10	251 729		511	Cap screw M6x12		020 134



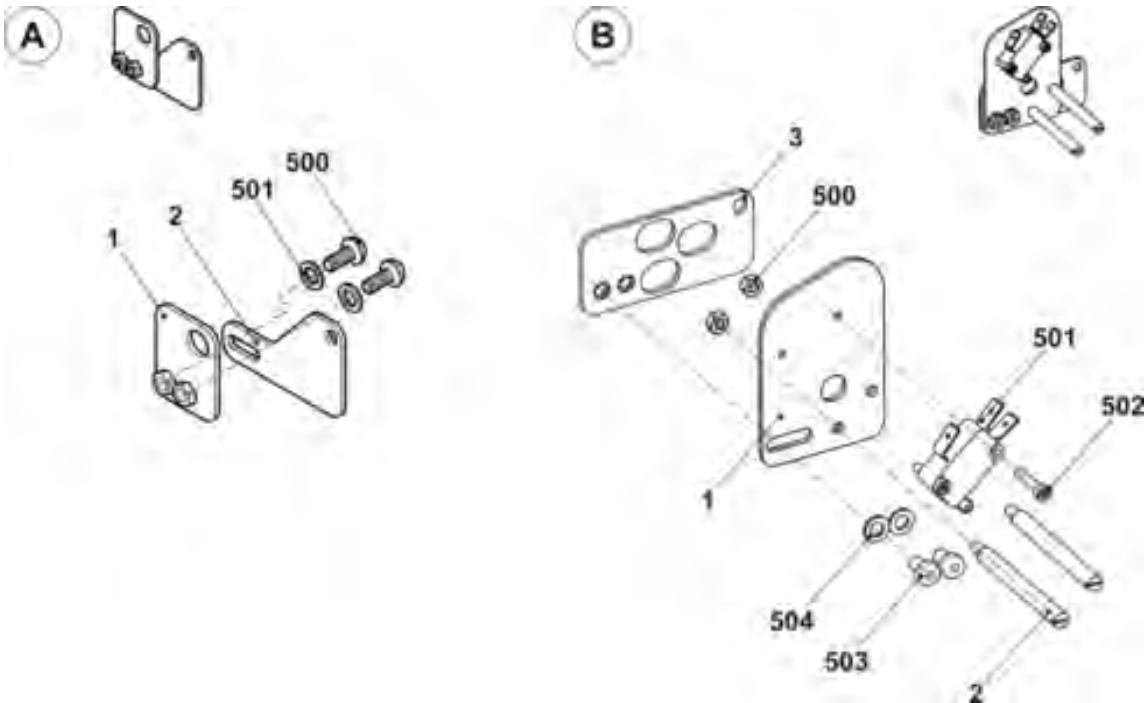
6.3 Main take-down on the right

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on the right	255 258	10	Full floating axle on the right	237 353
1	Clutch set	253 260	19	Stop point	252 503
5	Bolts	208 538	500	Screw 50x15	251 728
8	Mounting plate on the right complete	260 090	504	Washer18	023 295
9	Swivel-mounted bearing	253 247	505	Retaining ring18x1,2	020 955
	9a	Swivel-mounted bearing	507	Set collarA20	020 938
	9b	Sheet metal support	508	Setscrew M6x8	022 684
	590	Screw 35x10	511	Cap screw M6x12	020 134



6.3.1 Mounting plate

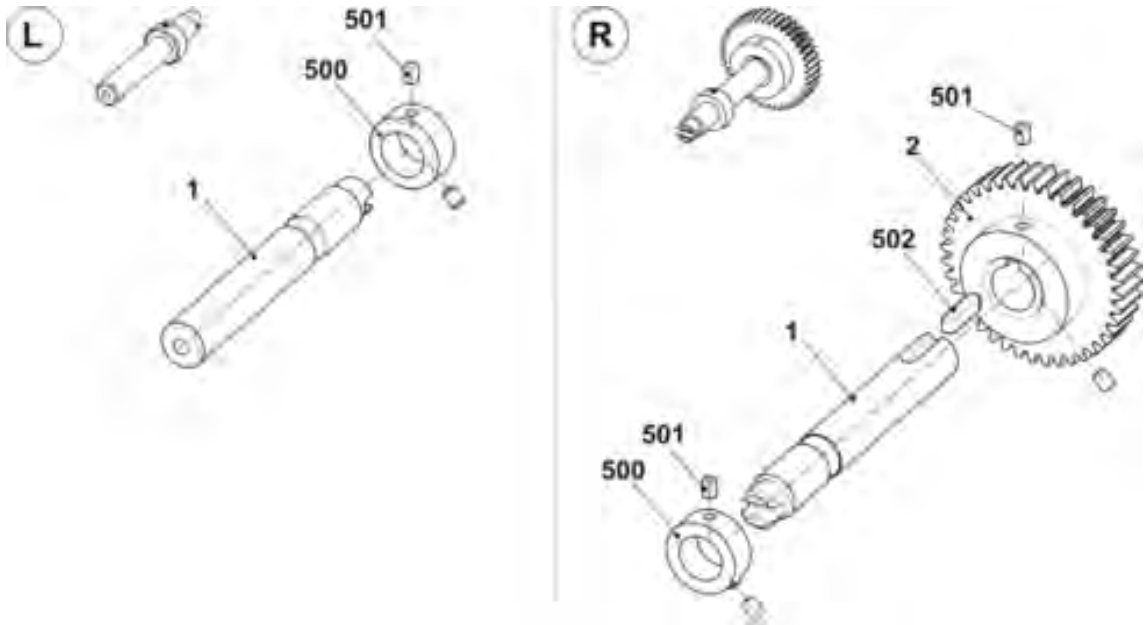
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ A	Mounting plate on the left complete	231 725		2	Shoulder screw	240 067
1	Mounting plate on the left	231 541		3	Retaining plate on the right	240 066
2	Retaining plate on the left	231 539		500	Hexagon nut M4-6	022 536
500	Pan head screw M5x10	023 247		501	Microswitch	026 259
501	Serrated lock washer J5,3	022 489		502	Cap screw M3x16	022 583
Σ B	Mounting plate on the right complete	260 090		503	Cap screw M5x8	244 278
1	Mounting plate on the right	260 067		504	Washer5-200	020 871



6.3 Main take-down on the right

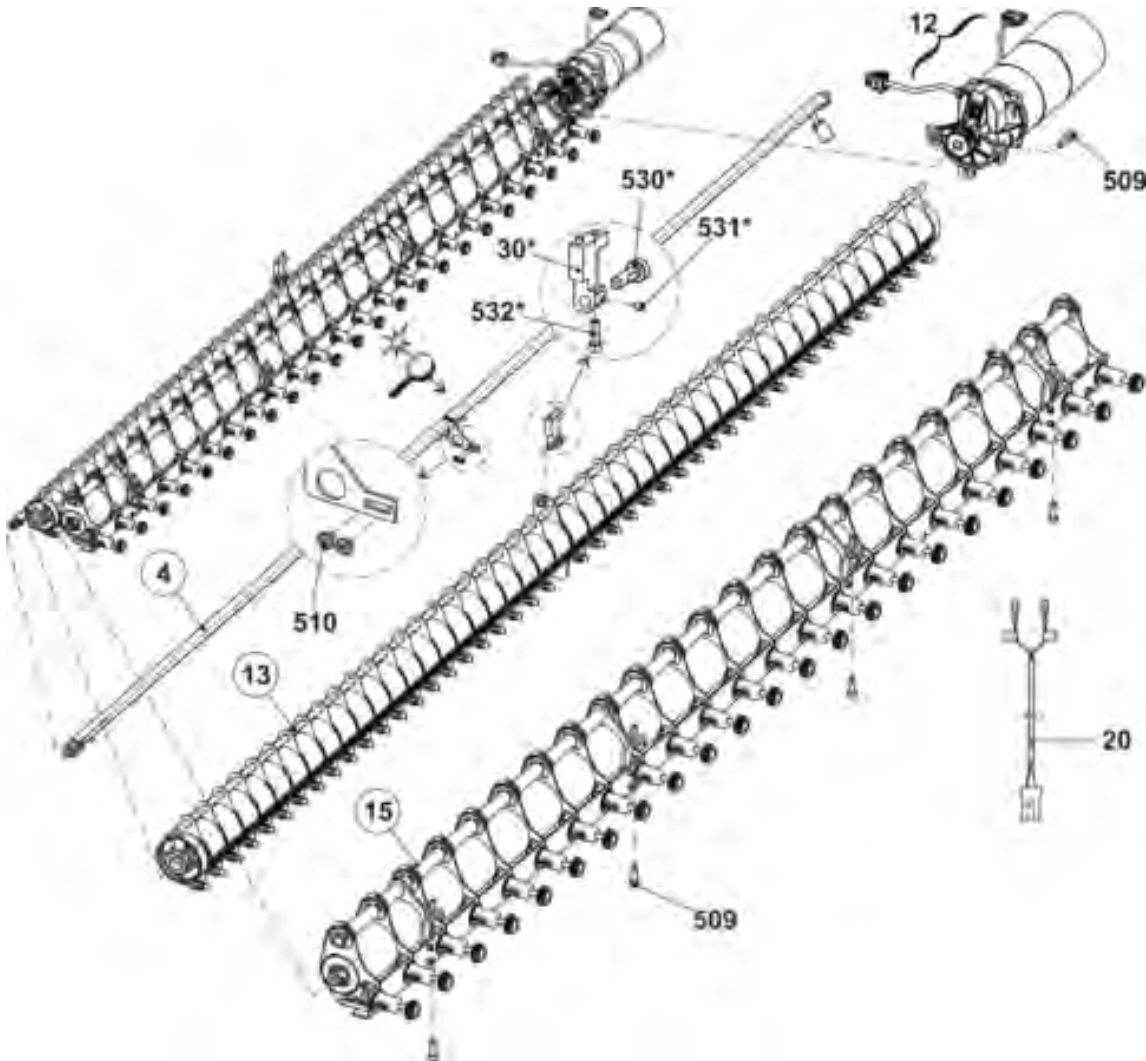
6.3.2 Full floating axle

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



6.4 Main take-down in the middle

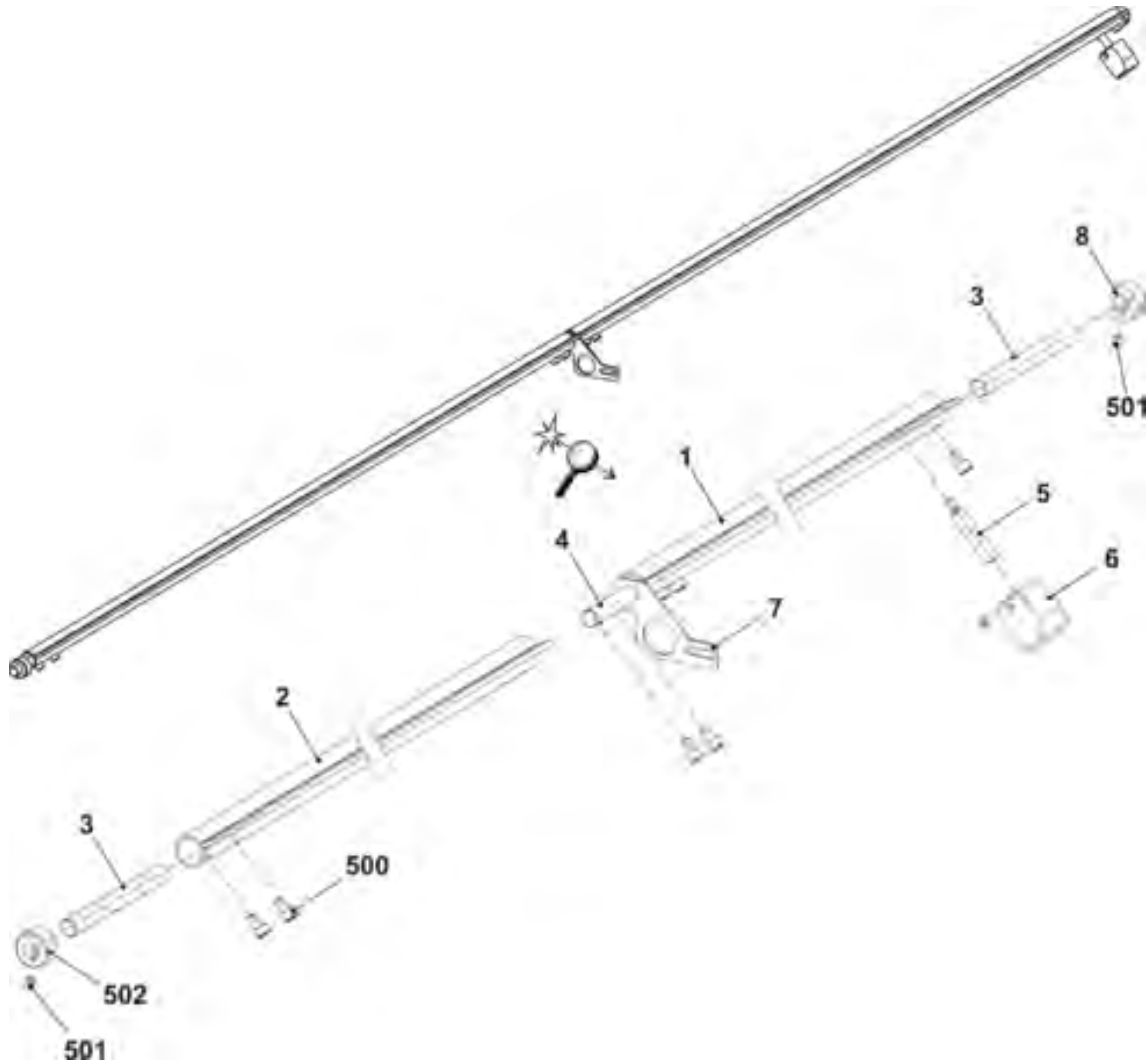
Pos	Designation	Id. no.		Pos	Designation	Id. no.	
Σ	Main take-down in the middle			13	Take-down roller at the rear complete		
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	255 249			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810	
	E16 E18 E8.2 mg	255 283			E16 E18 E8.2 mg	243 889	
4	Stripper angle at the rear complete	259 987		510	Pan-head screw M4x6		235 450
12	Motor take-down unit complete	253 803		30*	Bearing block		237 204
15	Take-down roller at the front complete	253 390			530*	Bolts	237 211
20	Connection cable winding plate	241 703			531*	Setscrew M6x8	023 723
509	Cap screw M8x25	020 142			532*	Cap screw M8x20	020 136



6.4 Main take-down in the middle

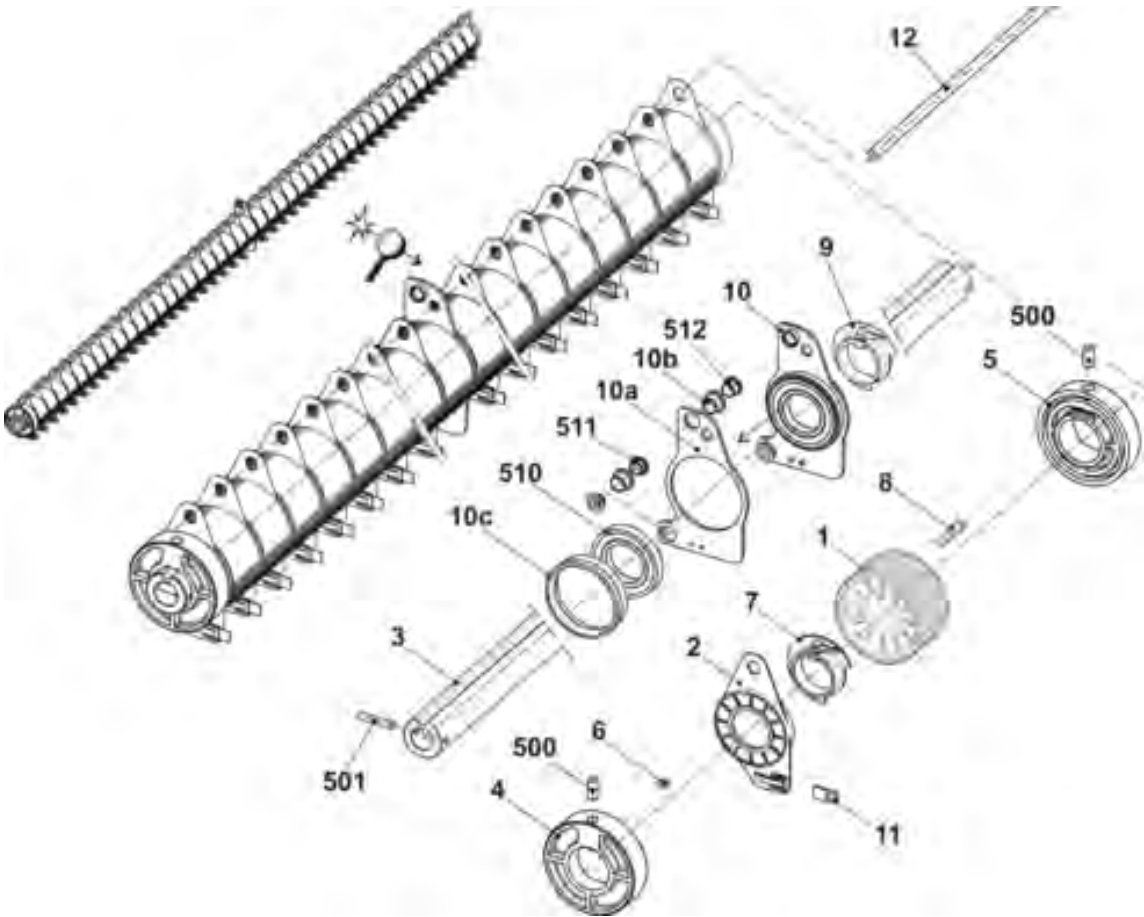
6.4.1 Stripper angle

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



6.4.2 Rear take-down roller

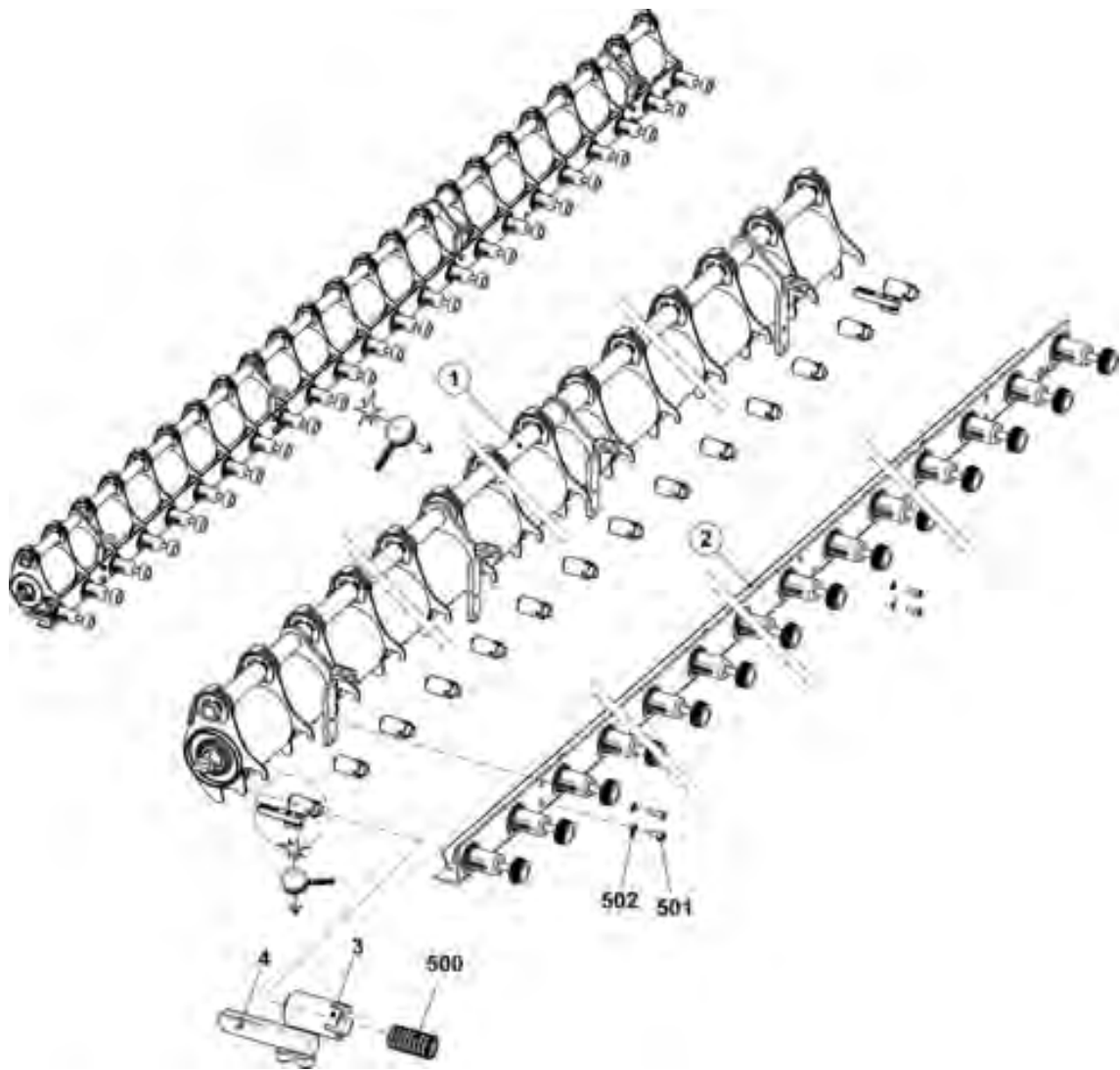
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Take-down roller at the rear complete			1	Roller	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	206 770
	E16 E18 E8.2 mg	243 889			E16 E18 E8.2 mg	231 400
2	Stripper	241 612		10c	Ring	222 895
3	Wave	237 190		9	Stop ring on the left	222 910
4	Ring on the left	255 830		11	Brush	225 819
5	Ring on the right	255 831		12	Rod	237 192
6	Spacer slide	222 062		500	Setscrew	258 910
7	Stop ring on the left	204 369		501	Dowel pin 6x32	020 685
8	Spacer slide	240 104		510	Grooved ball bearing 16007	021 697
10	Support	232 578		511	Slide bearing GFM-101216-06	023 280
10a	Supporting plate	232 512		512	Slide bearing GFM-101216-09	023 356
10b	Bearing	232 571				



6.4 Main take-down in the middle

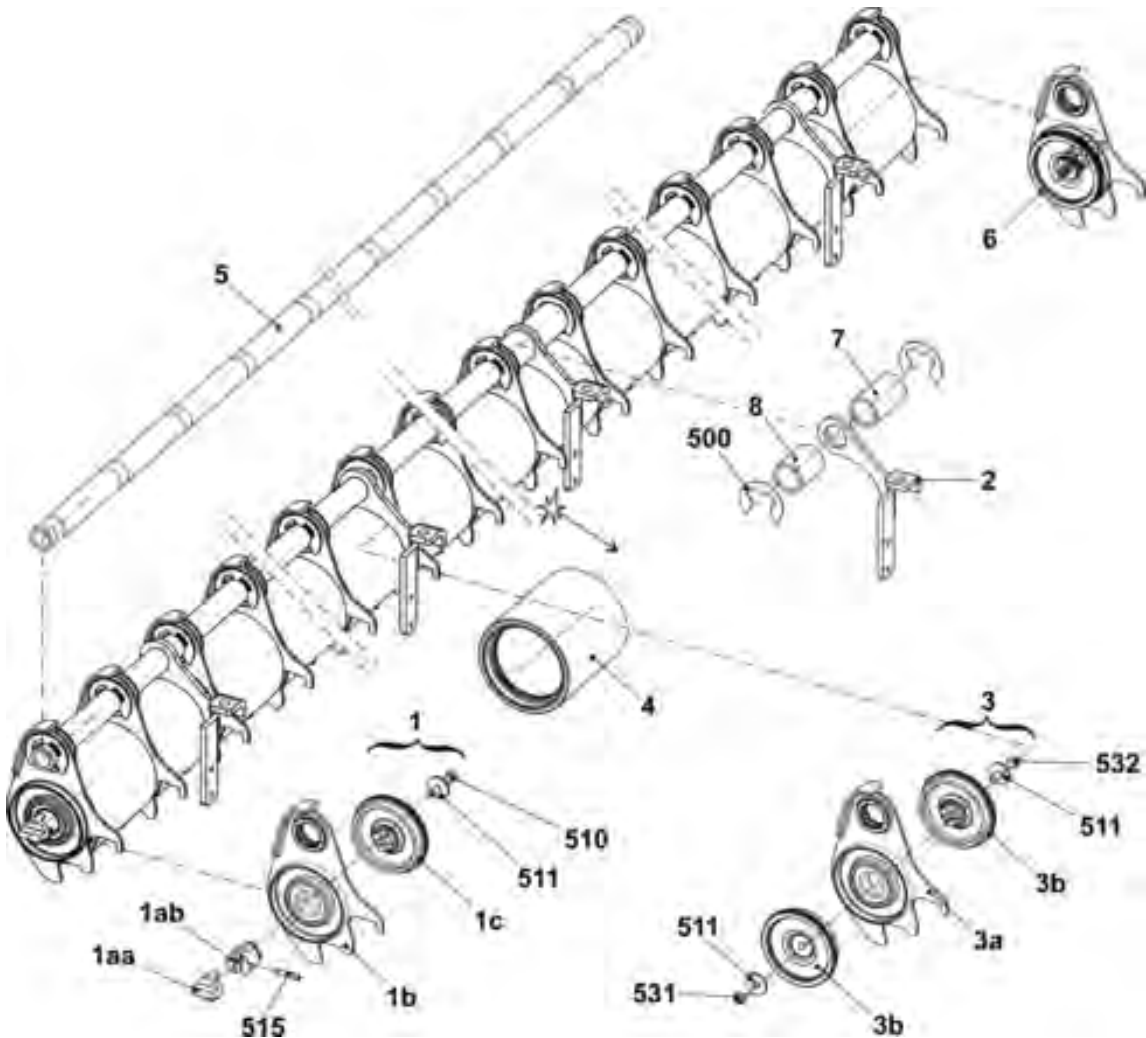
6.4.3 Front take-down roller

Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the front complete	253 390		4	Locating piece	221 935
1	Take-down roller at the front	253 423		500	Compression spring 1x10x30	023 741
2	Angle rail complete	242 316		501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911		502	Washer5-200	020 880



6.4.3.1 Front roller elements

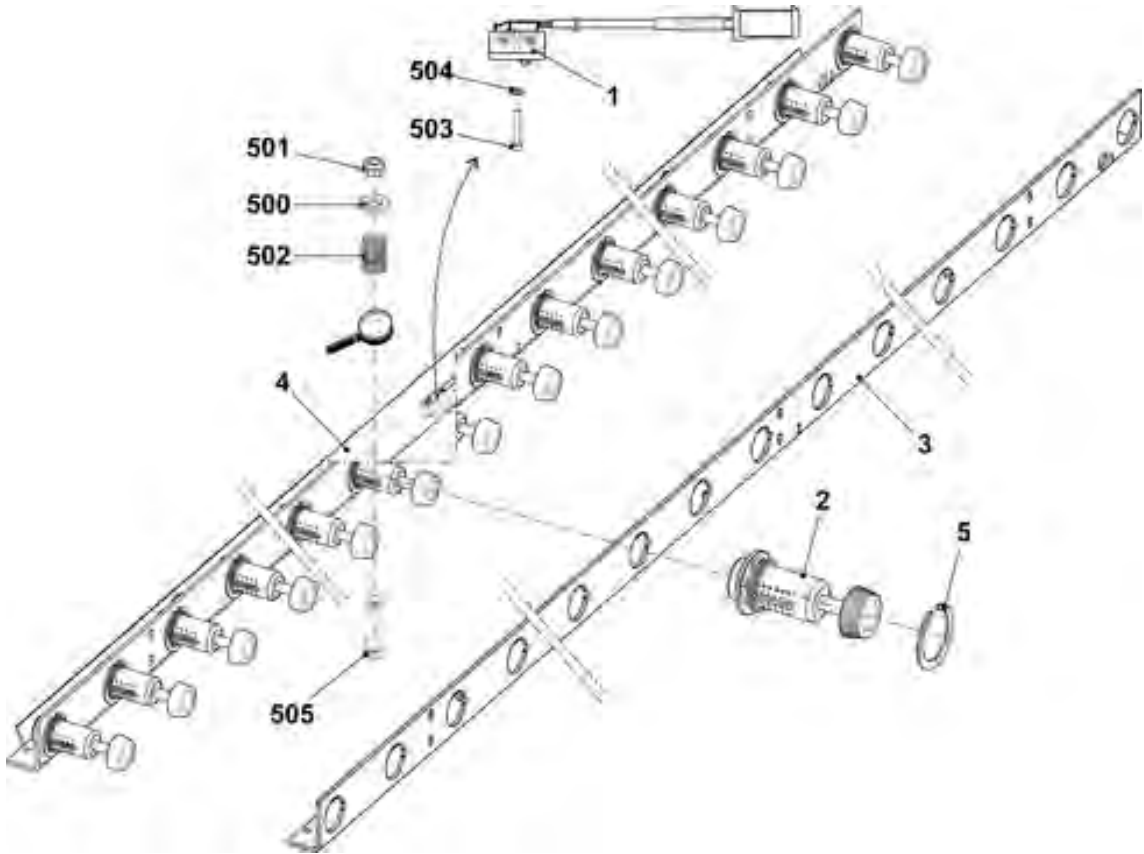
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Take-down roller at the front		253 423		4	Roller		220 905
1	Bearing support on the left complete		221 225		5	Tube		237 191
	1aa	adaptor	221 132		6	Bearing support on the right complete		221 240
	1ab	Universal joint	221 137			1aa	Universal joint	221 137
	1b	Bearing support	220 913			1ab	adaptor	221 132
	1c	Gear wheel	220 910			1b	Bearing support	220 913
	510	Cap screw M5x20	020 133			1c	Gear wheel	220 910
	511	Washer5	023 542			510	Cap screw M5x20	020 133
	515	Spring dowel sleeve 4x20	023 551			511	Washer5	023 542
				515		Spring dowel sleeve 4x20	023 551	
2	Support		251 557		7	Spacer pipe on the right		253 407
3	Bearing support complete		221 241		8	Spacer pipe on the left		253 408
	3a	Bearing support	220 913		500	Circlip		021 025
	3b	Gear wheel	220 910					
	531	Hexagon nut M5-8	023 541					
	532	Cap screw M5x30	022 396					



6.4 Main take-down in the middle

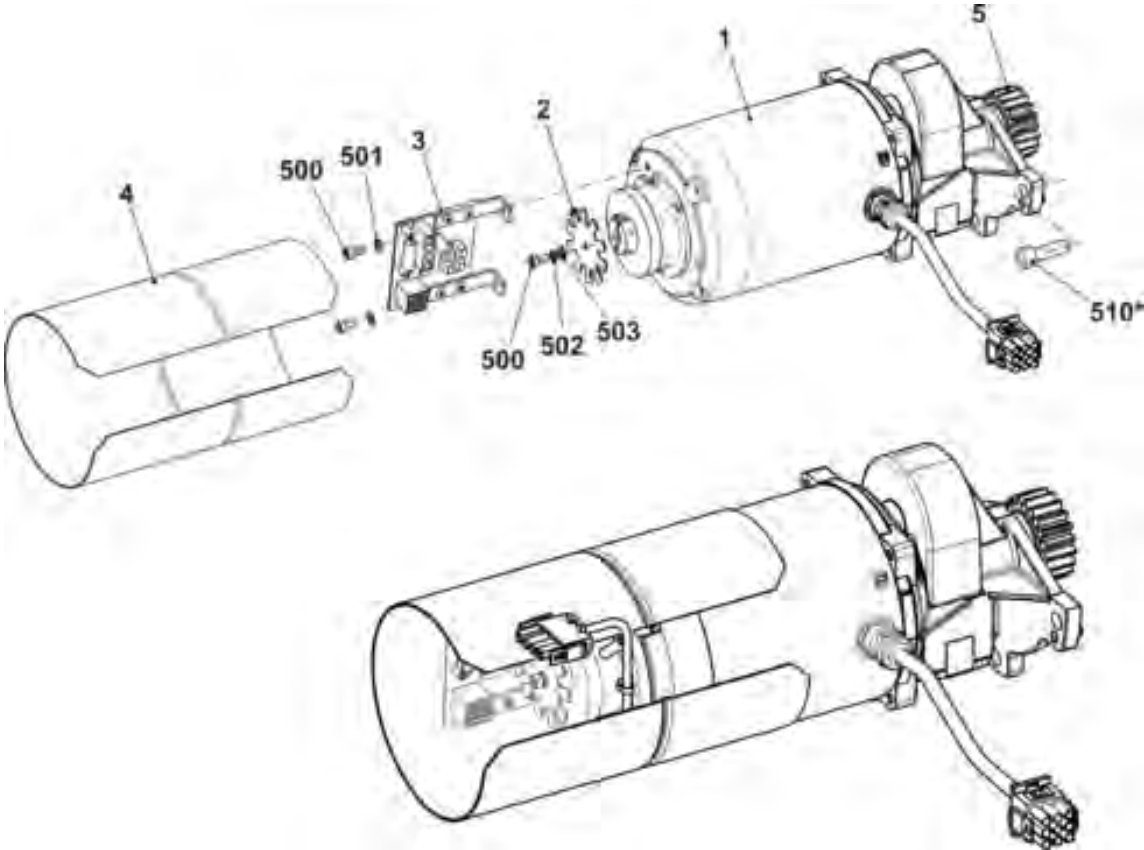
6.4.3.2 Pressure angle rail

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Angle rail complete	242 316		500	Washer6	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	242 277		503	Cap screw M2x12	023 522
4	Winding plate	237 195		504	Washer2-200	022 908
5	Retaining ring	242 325		505	Shoulder screw M5x20x5	023 675



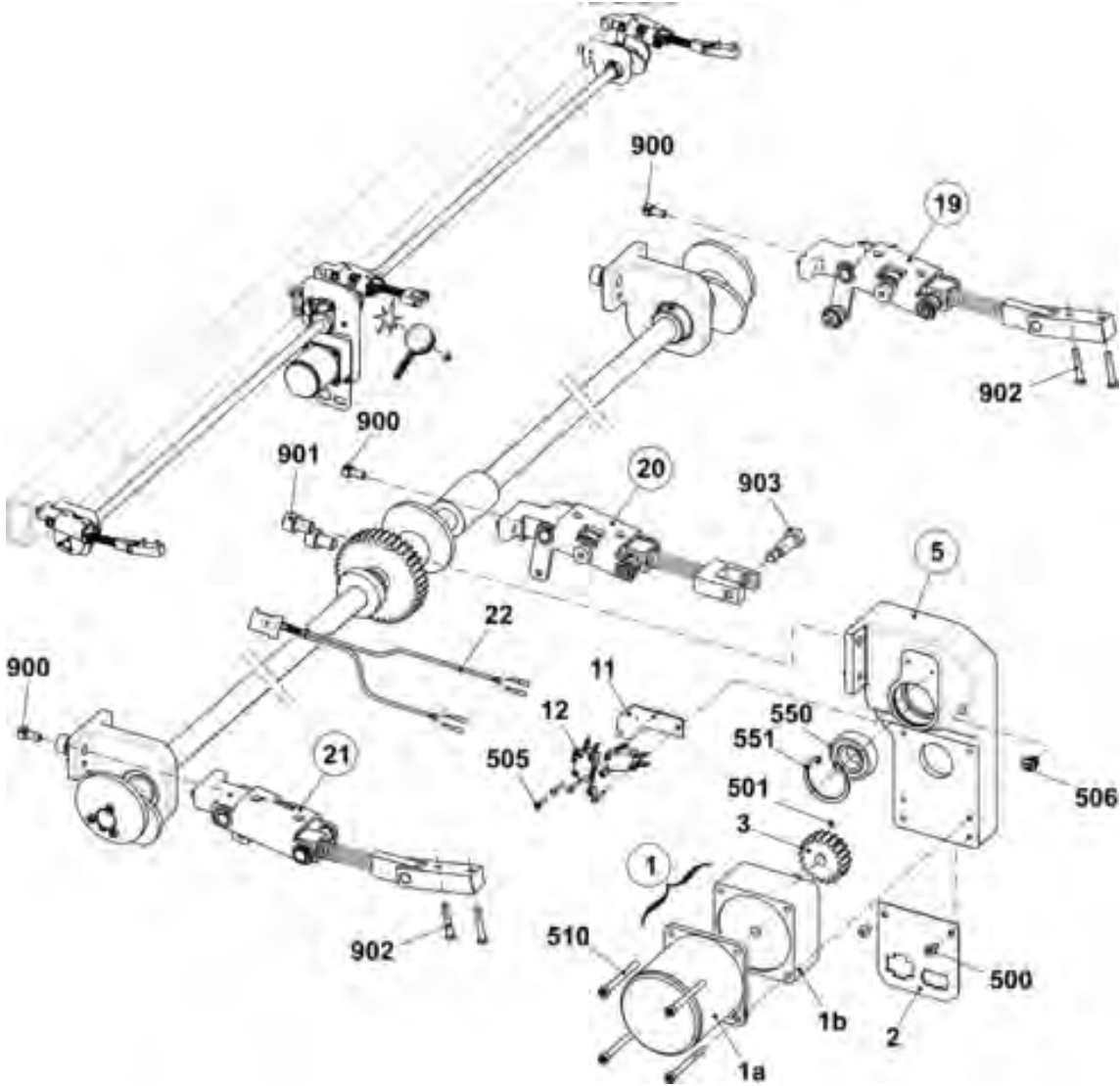
6.4.4 Impulse sensor and motor

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



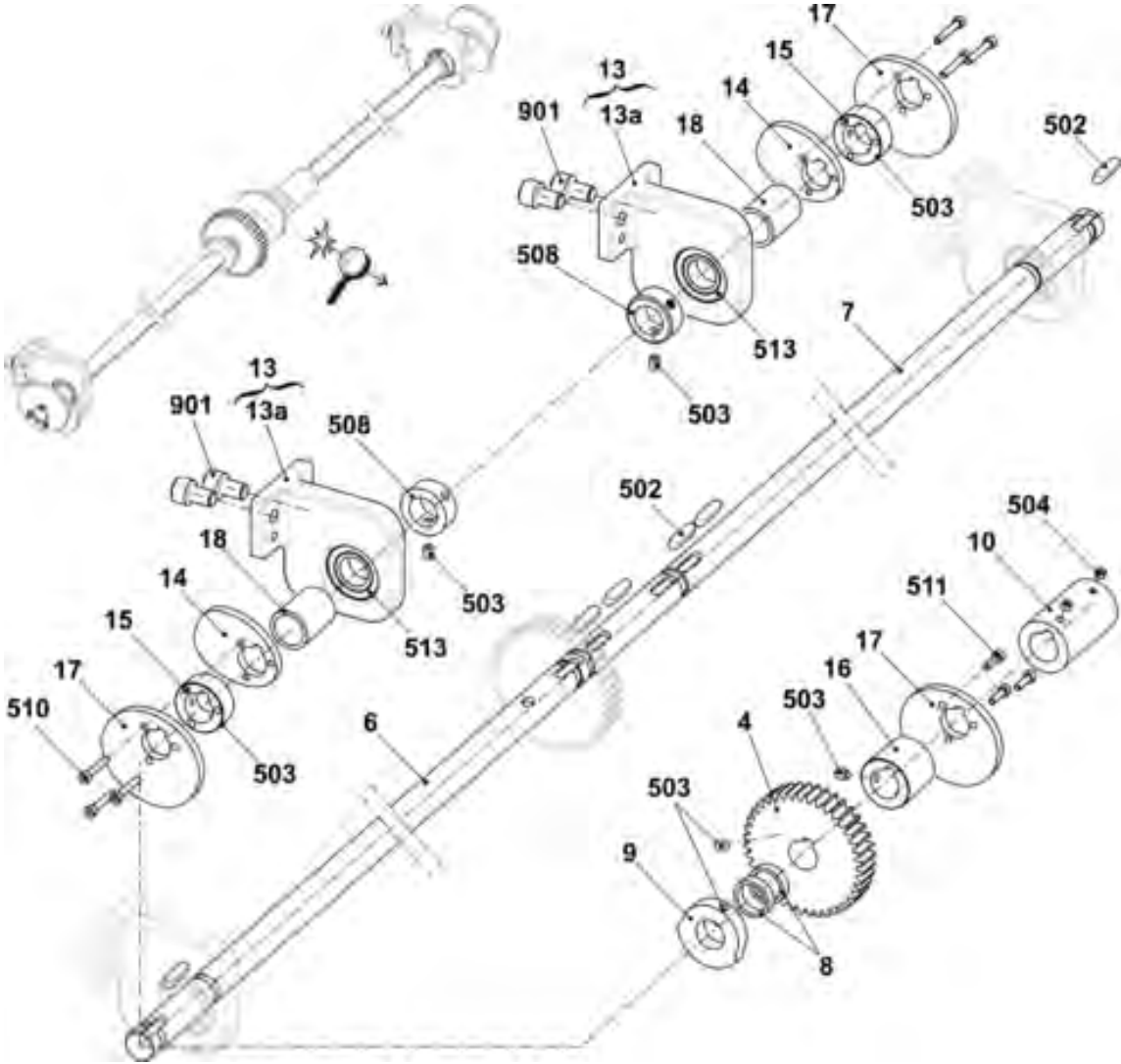
6.5 Take-down closing device

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



6.5.1 Continuation of take-down closing device

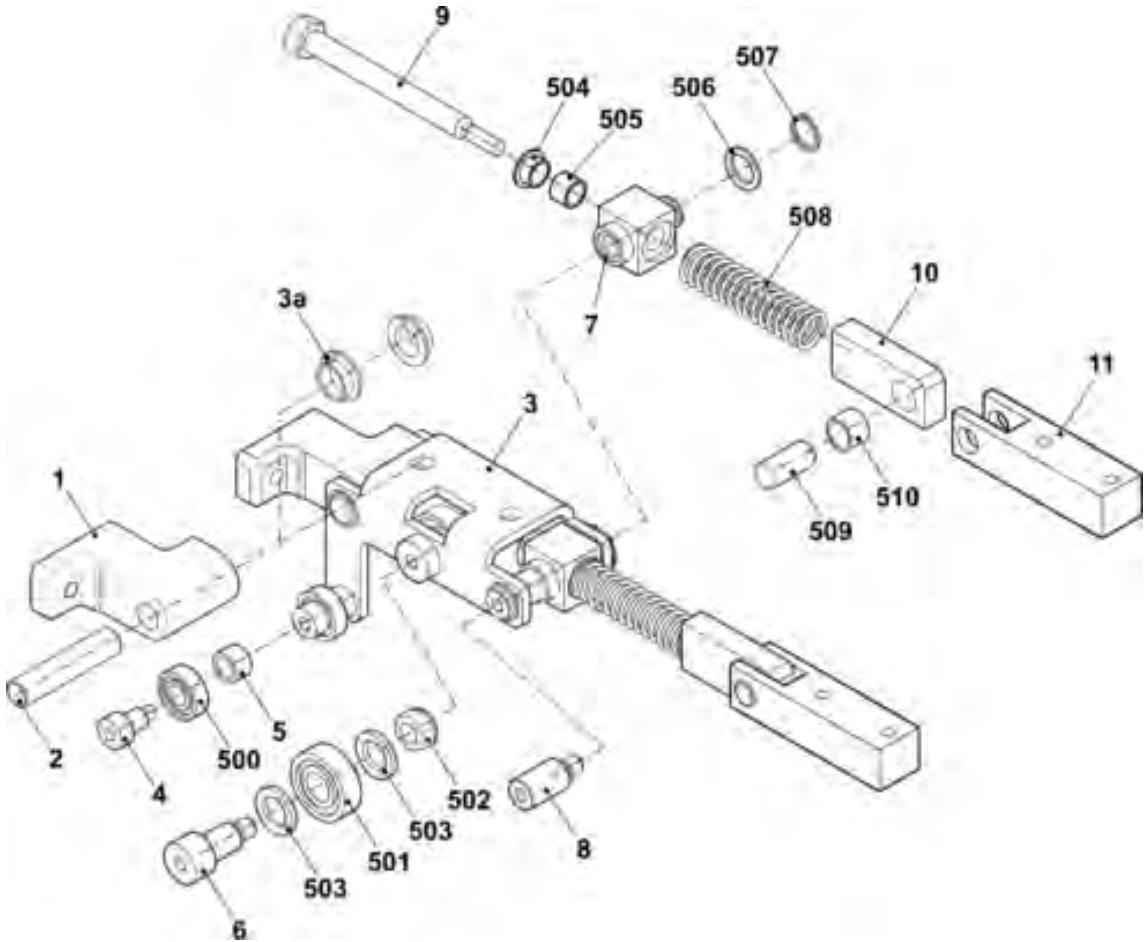
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Main take-down on / off complete	253 387	15	Guide bush	234 876
4	Gear wheel	213 744	16	Guide bush	235 623
6	Wave	237 180	17	Eccentric	232 382
7	Wave	237 181	18	Spacer pipe	235 128
8	Threaded spacer	232 385	502	Feather key A 6x6x25	023 017
9	Trip cam	232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



6.5 Take-down closing device

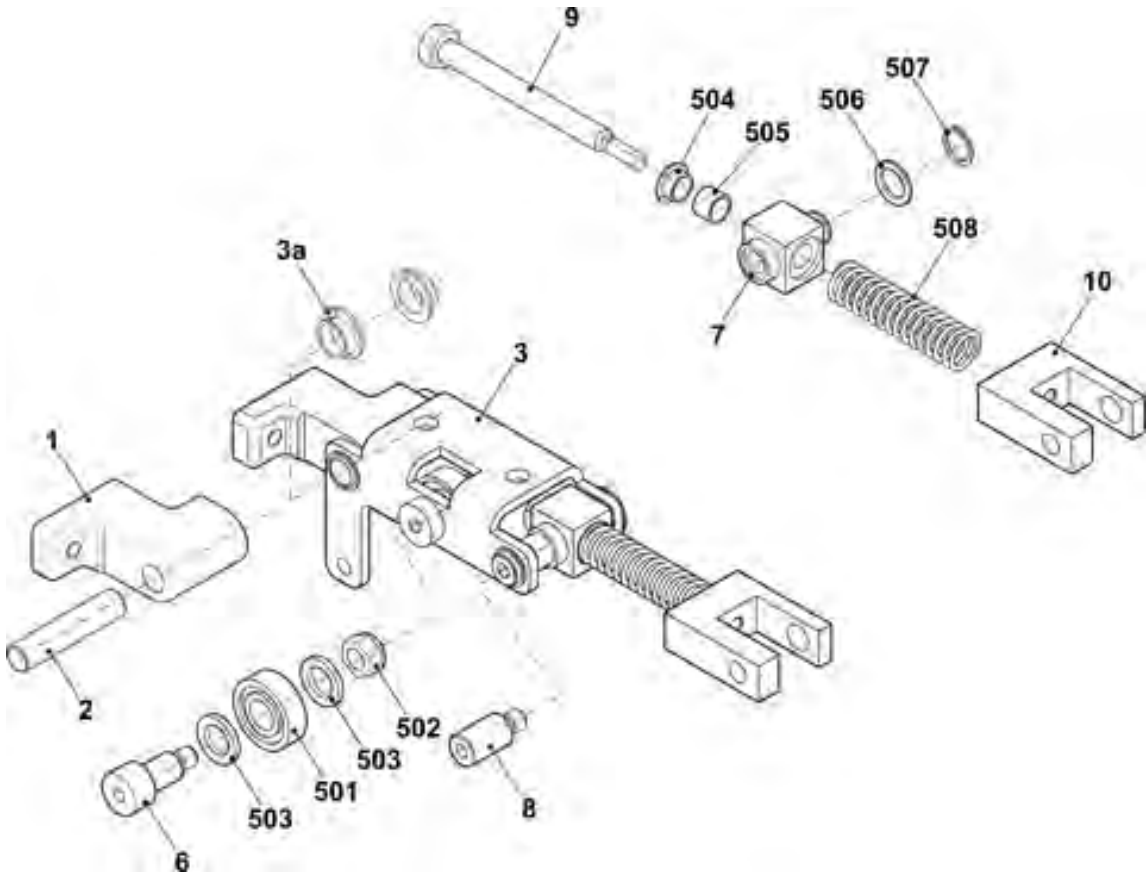
6.5.1.1 Right swivel support

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



6.5.1.2 Swivel holder in the middle

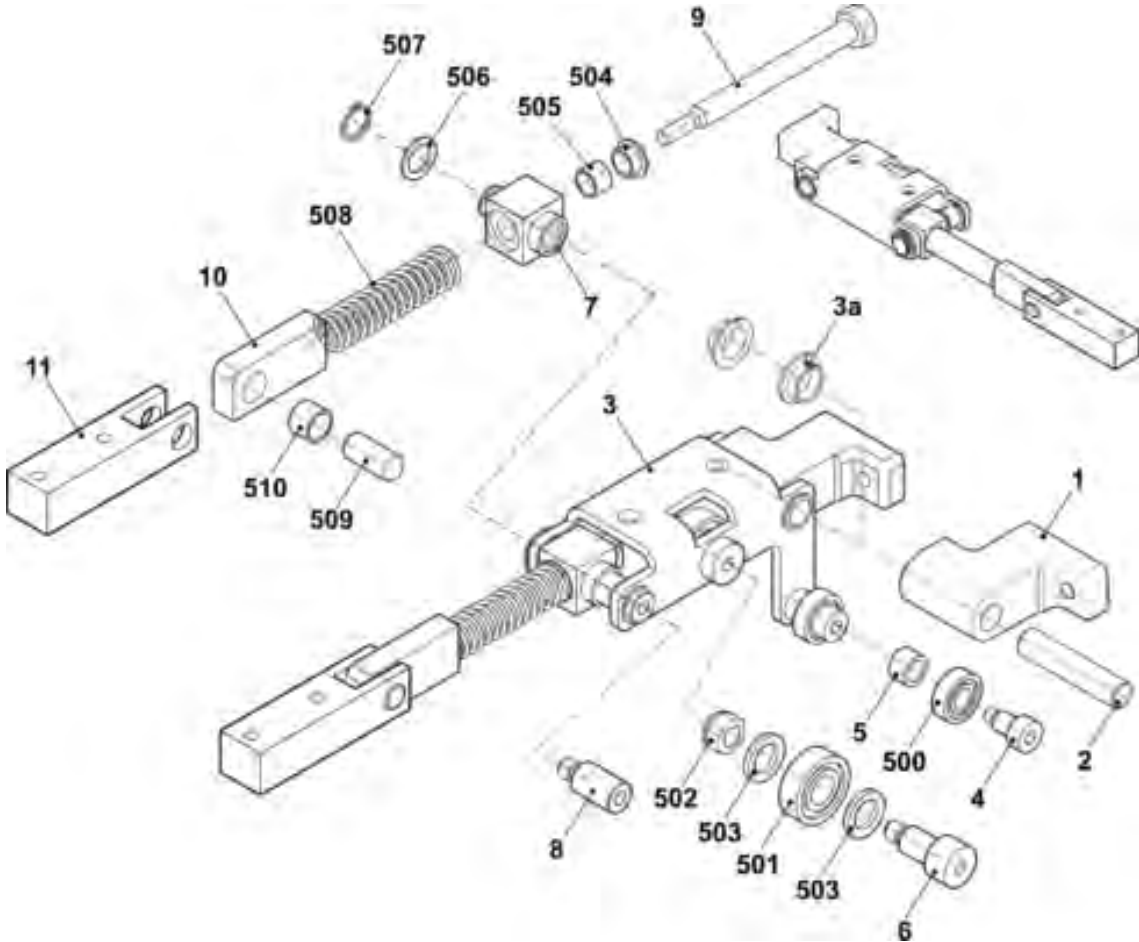
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Swivel holder in the middle complete			10	Angle	238 778
1	Support	239 163		501	Grooved ball bearing 6000-2Z	022 599
2	Bearing pin	239 164		502	Hexagon nut M8-8	022 843
3	Bow	238 974		503	Shim ring 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639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



6.5 Take-down closing device

6.5.1.3 Left swivel holder

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

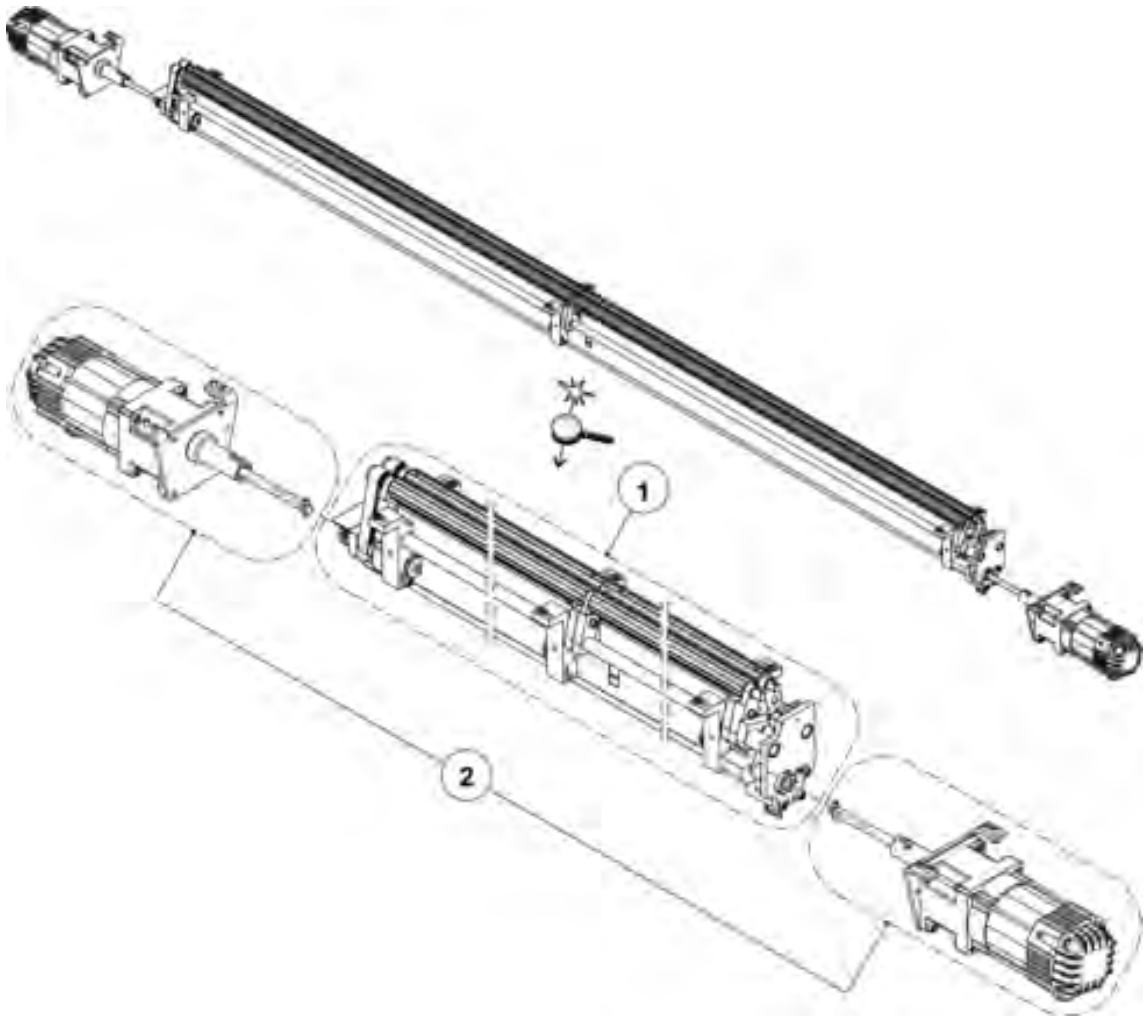


7 Auxiliary take-down



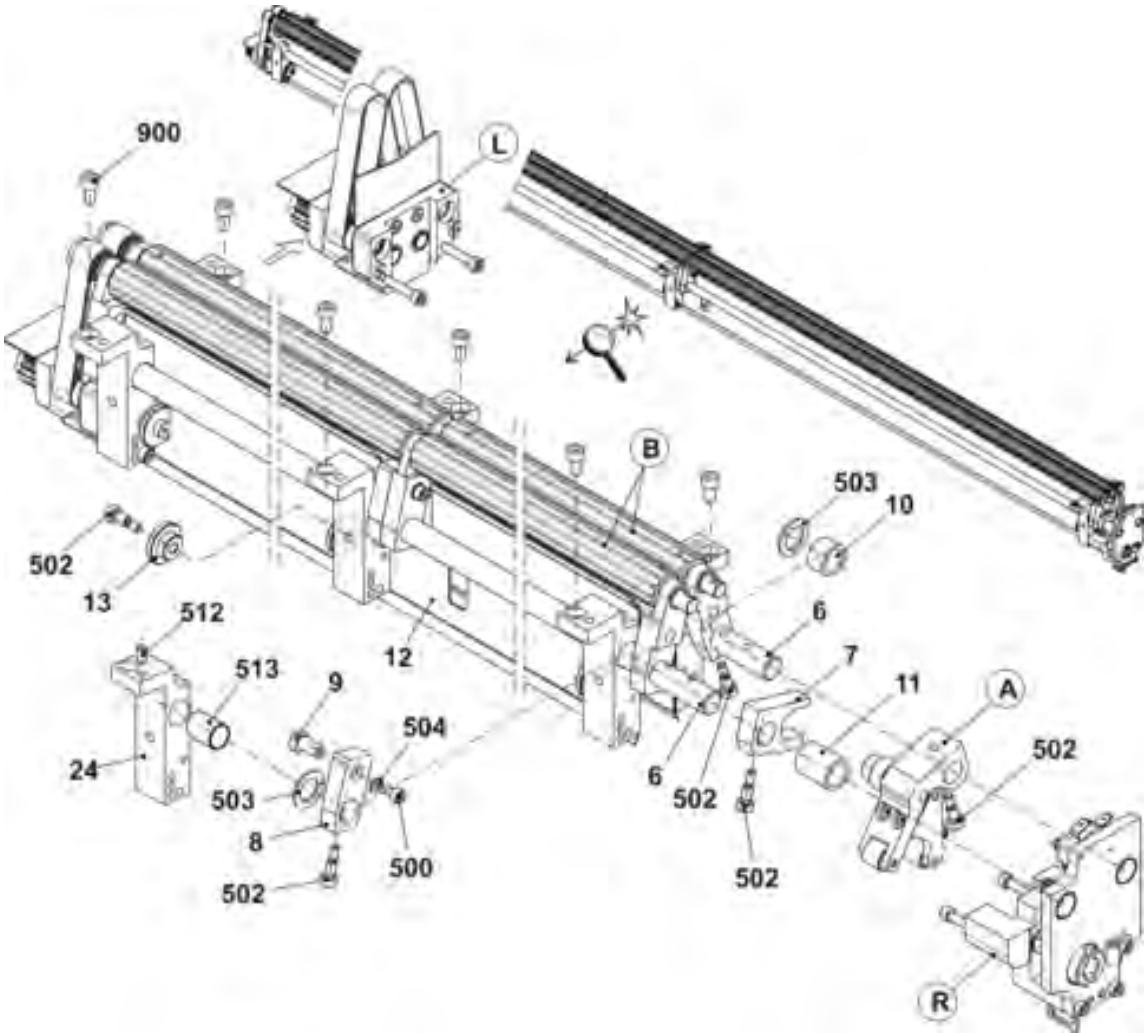
7.1 Auxiliary take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Auxiliary take-down					
1	Auxiliary take-down pre-assembled	254 974		2	Motor with 2 phases auxiliary take-down complete	



7.1.1 Auxiliary take-down pre-assembled

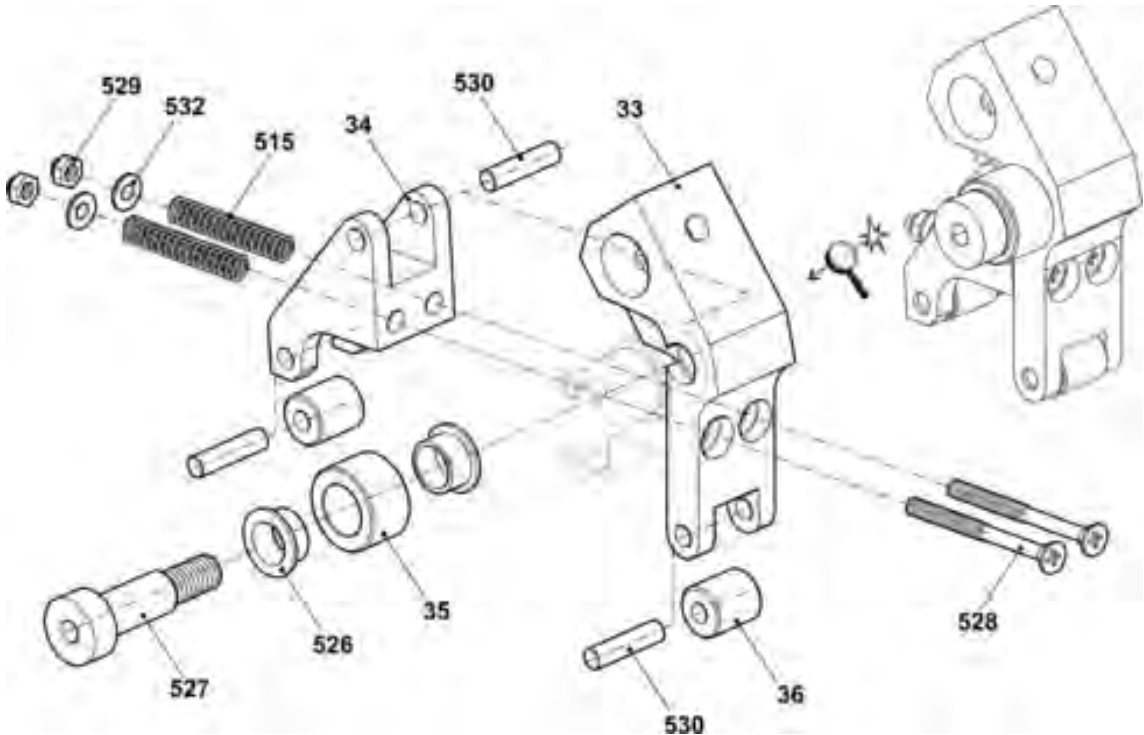
Pos	Designation	Id		Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	254 974				
6	Contact shaft	237 126		B	Take-down roller	237 128
7	Lever	235 164		L	Bearing on the left	236 894
8	Clamping lever	235 156		R	Bearing on the right	235 353
9	Eccentric	236 952		500	Cap screw M5x10	022 918
10	Spacer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



7.1 Auxiliary take-down

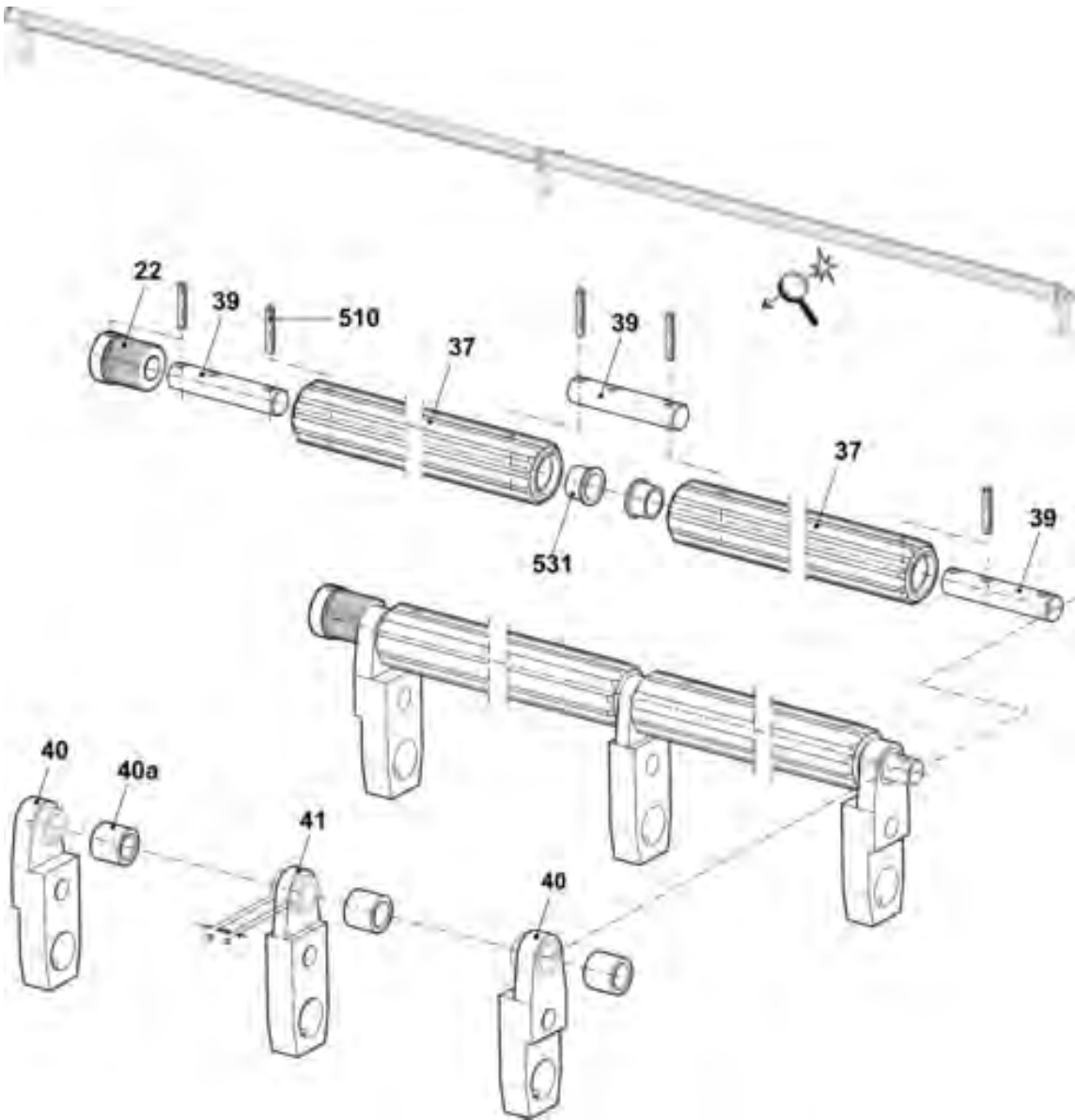
7.1.1.1 Contact lever

Pos	Designation	Id		Pos	Designation	Id
Σ	Contact lever	235 356		526	Slide bearing GFM-10x1216-06	023 280
33	Lever	235 172		527	Cap screw M10x16	023 748
34	Tilting lever	235 173		528	Countersunk screw M4x45	023 291
35	Roller	235 176		529	Hexagon nut M4-8	023 046
36	Roll	235 171		530	Dowel pin 5x22-A-ST	023 716
515	Compression spring 1,6x6,4x27,1	023 288		532	Washer4	020 870



7.1.1.2 Take-down roller

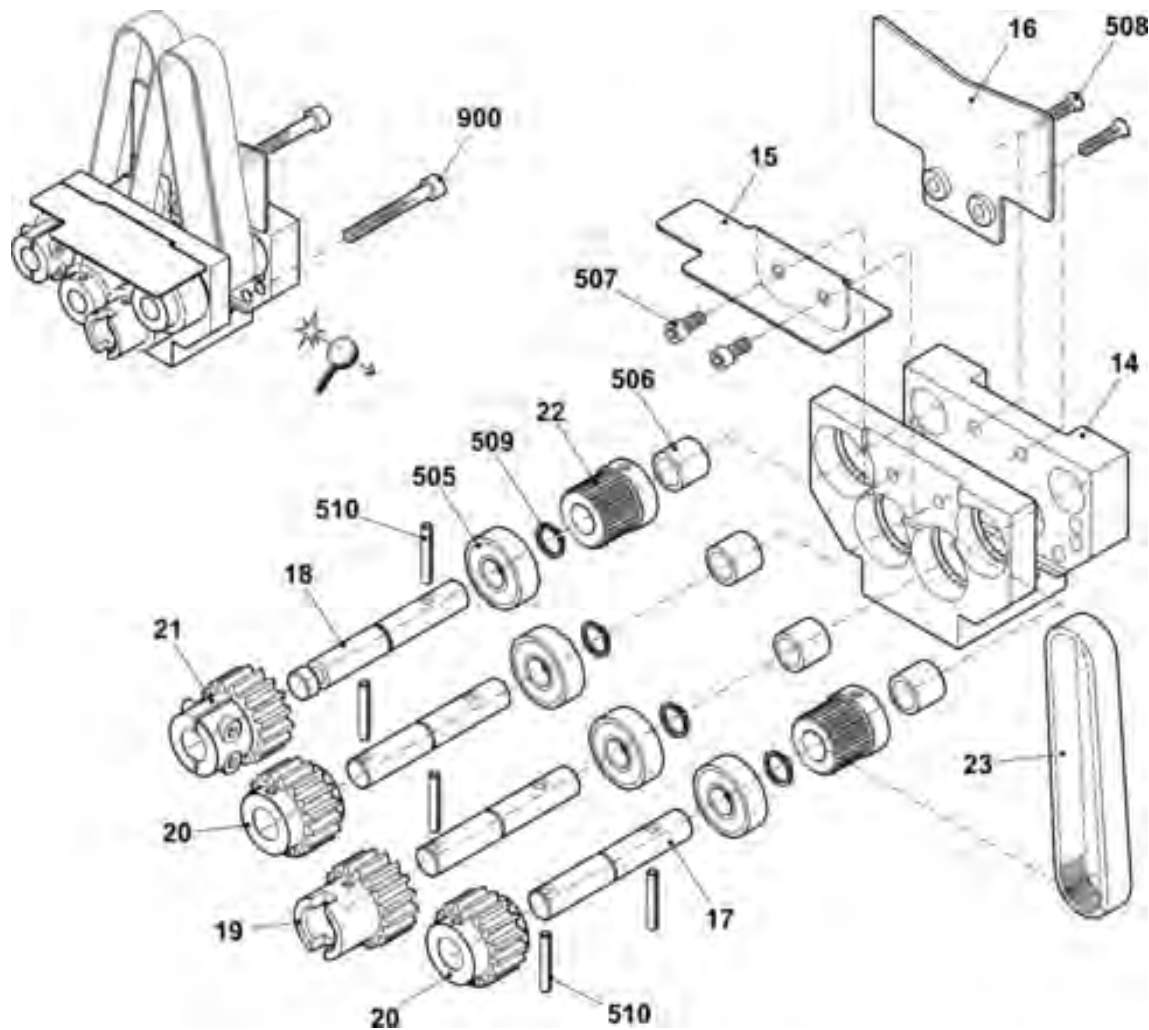
Pos	Designation	Id. no.		Pos	Designation	Id. no.	
Σ	Take-down roller	237 128					
22	Timing belt pulley	237 043			40a	Needle roller bearing 10x14x12	023 665
37	Take-down roller	237 125		41	Lever bearing in the middle complete		235 359
39	Bolts	236 973		531	Slide bearing GFM-101214-07		023 627
40	Lever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



7.1 Auxiliary take-down

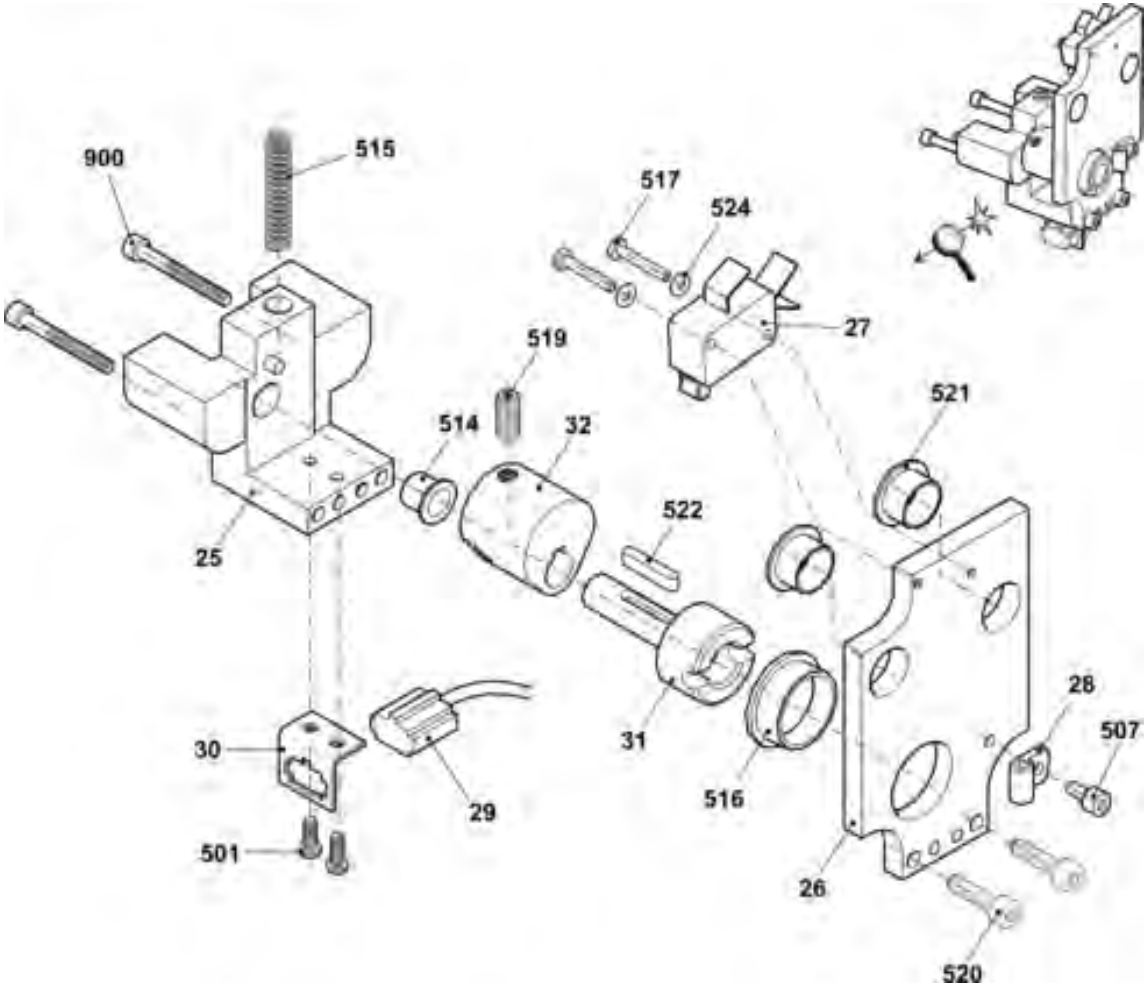
7.1.1.3 Left bearing of the auxiliary take-down

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



7.1.1.4 Right bearing of the auxiliary take-down

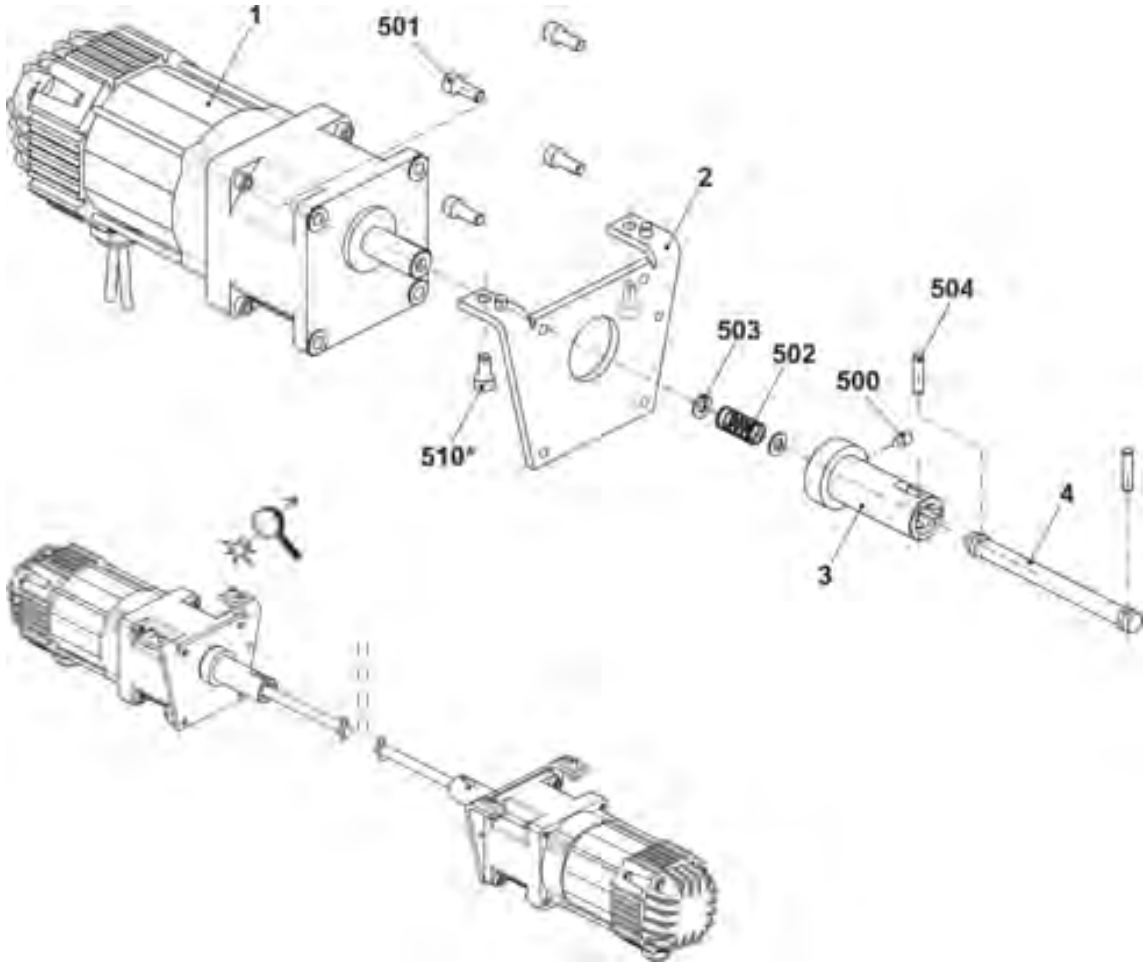
Pos	Designation	Id		Pos	Designation	Id
Σ	Bearing on the right	235 353				
25	Bearing on the right	237 520		514	Slide bearing GFM-101216-09	023 356
26	Plate	235 168		515	Compression spring 1,6x6,4x27,1	023 288
27	Microswitch	026 259		516	Slide bearing GFM-2427-07	023 712
28	Cable clip N-3B 5mm	210 729		517	Hexagon screw M3x16	237 058
29	Cable switch HIAB St468	235 027		519	Setscrew M6x12	023 724
30	Sheet metal for plug	236 068		520	Cap screw M5x16	022 726
31	Wave	235 159		521	Slide bearing GFM-1517-09	235 342
32	Eccentric	235 165		522	Feather key A 4x4x20	235 349
501	Pan-head screw M4x8	023 579		524	Washer3	020 877
507	Cap screw M4x8	022 501		900	Cap screw M5x35	022 879



7.1 Auxiliary take-down

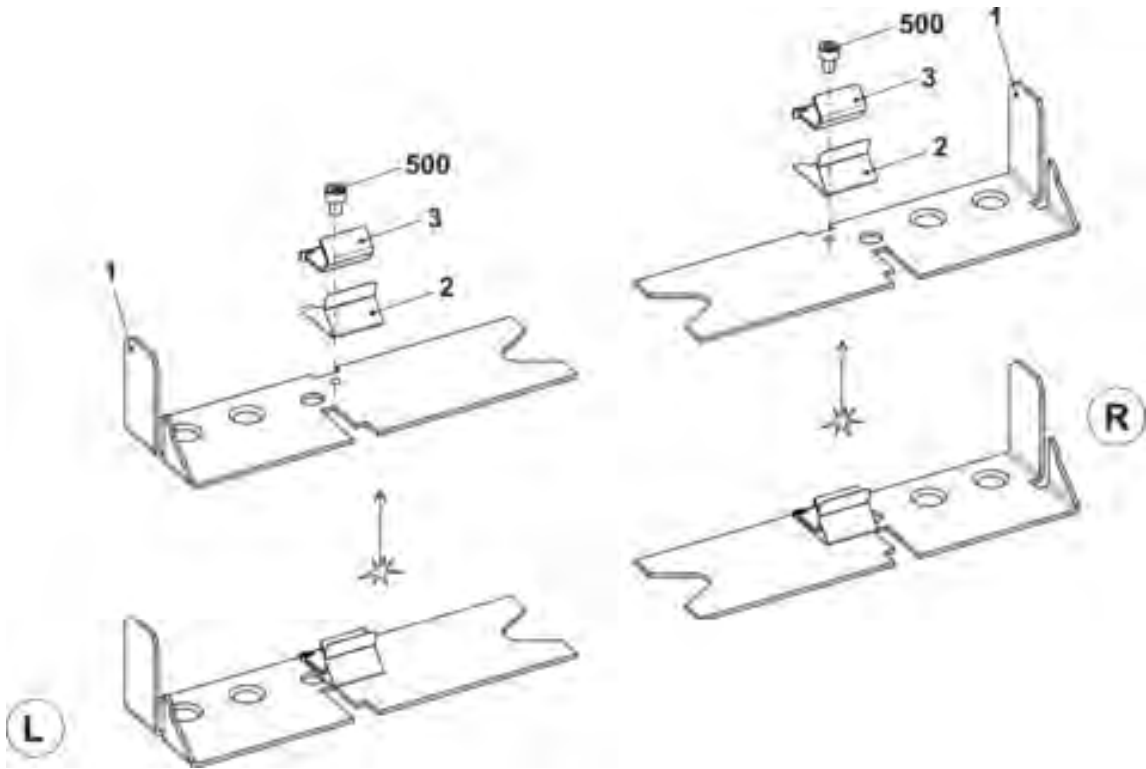
7.1.2 Motor

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



7.2 Yarn brake at clamping and cutting bed

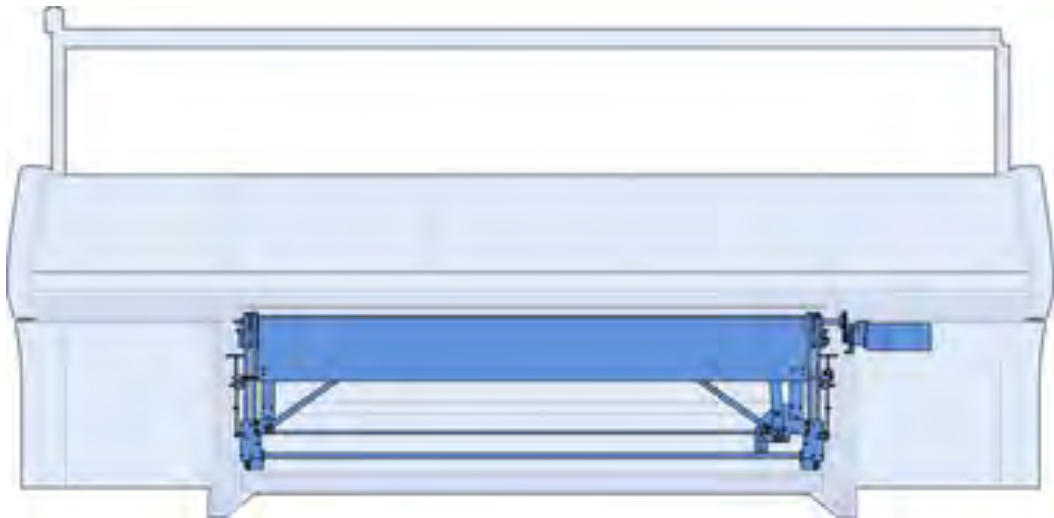
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ L	Yarn brake on the left	257 794		Σ R	Yarn brake on the right	257 793
1	Cover on the left	257 792		3	Cover on the right	257 791
2	Leaf spring	256 712		1	Leaf spring	256 712
3	Test clamping plate	256 713		2	Test clamping plate	256 713
500	Cap screw M4x6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



7.2 Yarn brake at clamping and cutting bed

Notes:

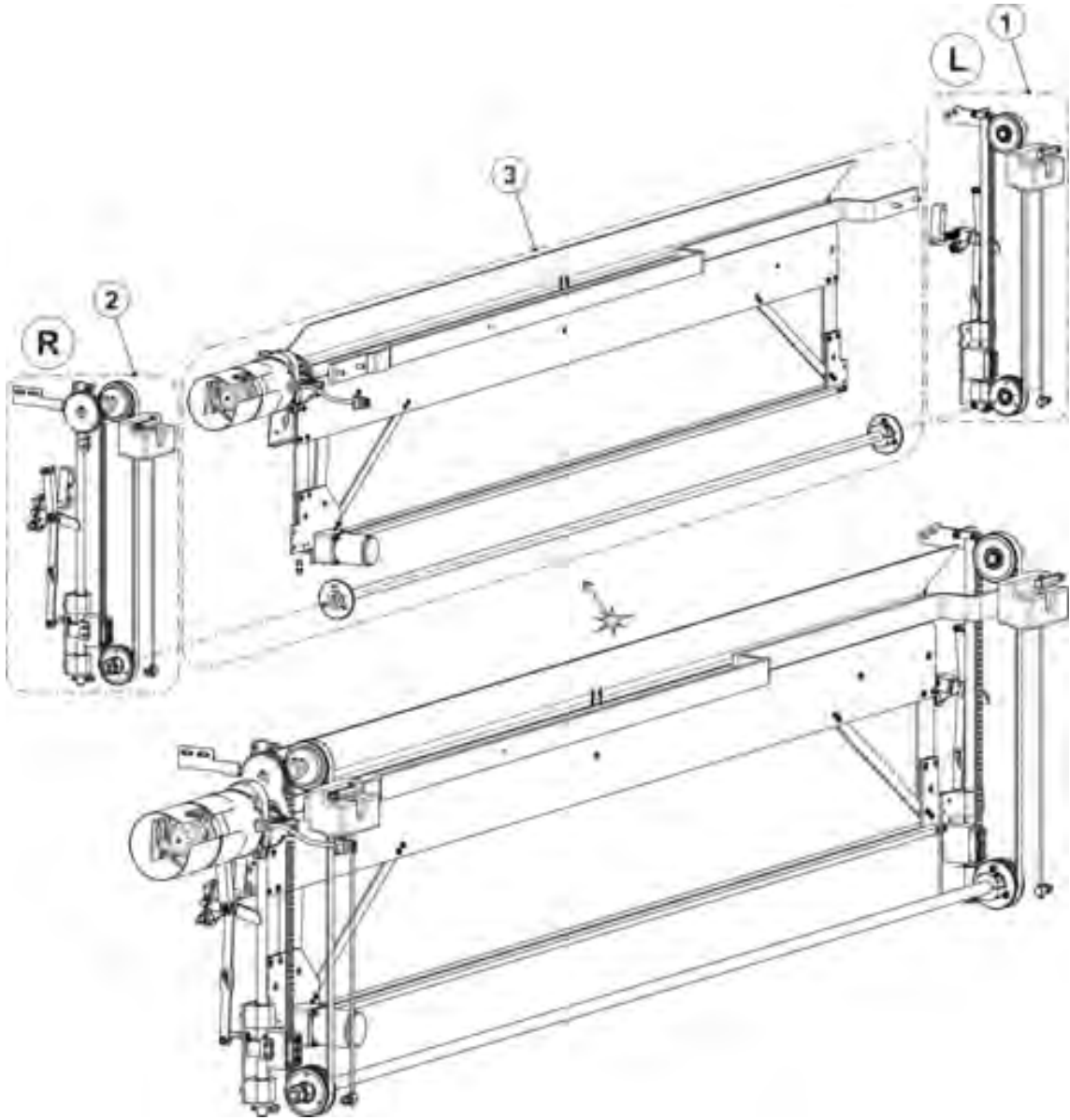
8 Comb take-down



8.1 Comb take-down

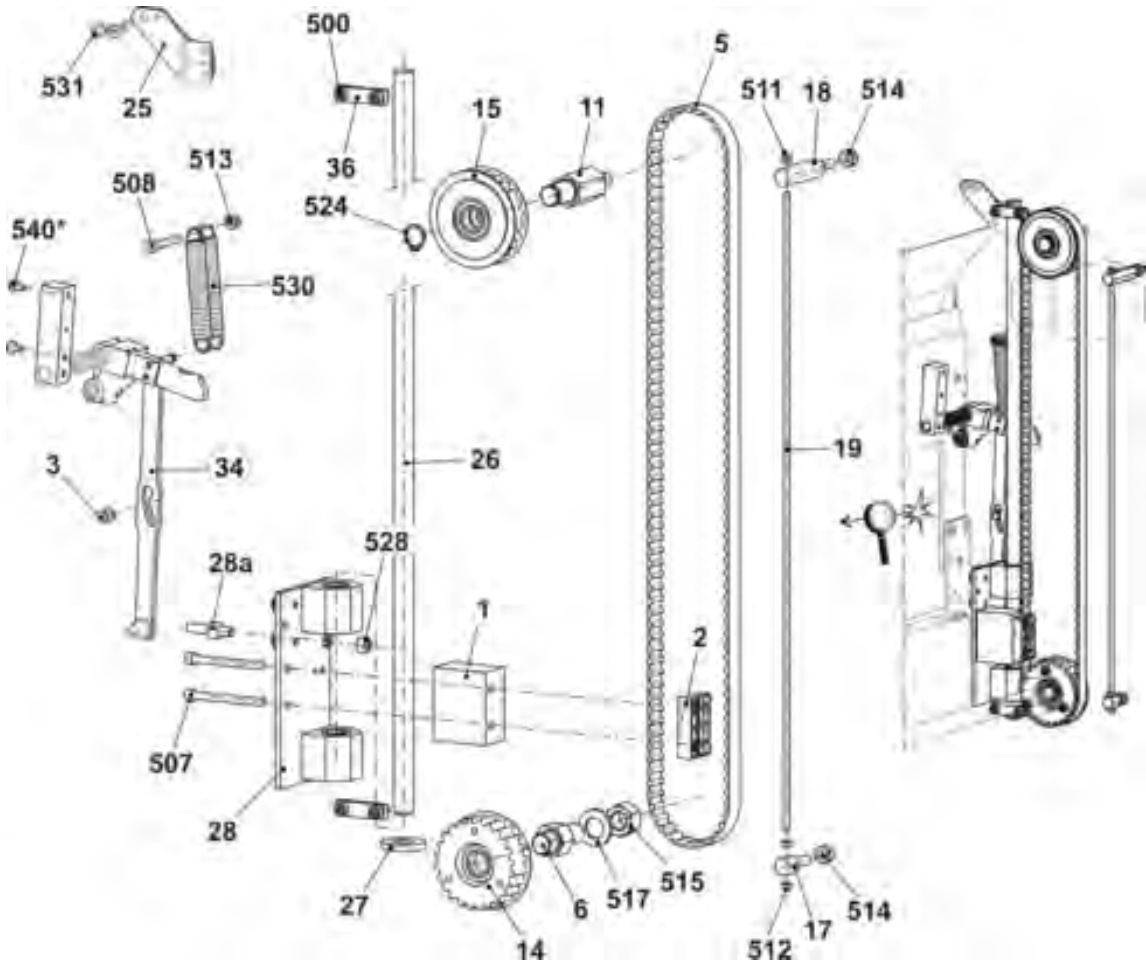
8.1 Comb take-down

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Comb take-down			3	Comb take-down in the middle	
1	Comb take-down on the left	261 815			E10	255 271
2	Comb take-down on the right	256 839			E12 E6.2 E6.2(12m.10)	255 248
					E14 E7.2	255 272
					E16 E8.2	255 273
					E18	255 274



8.1.1 Comb take-down on the left

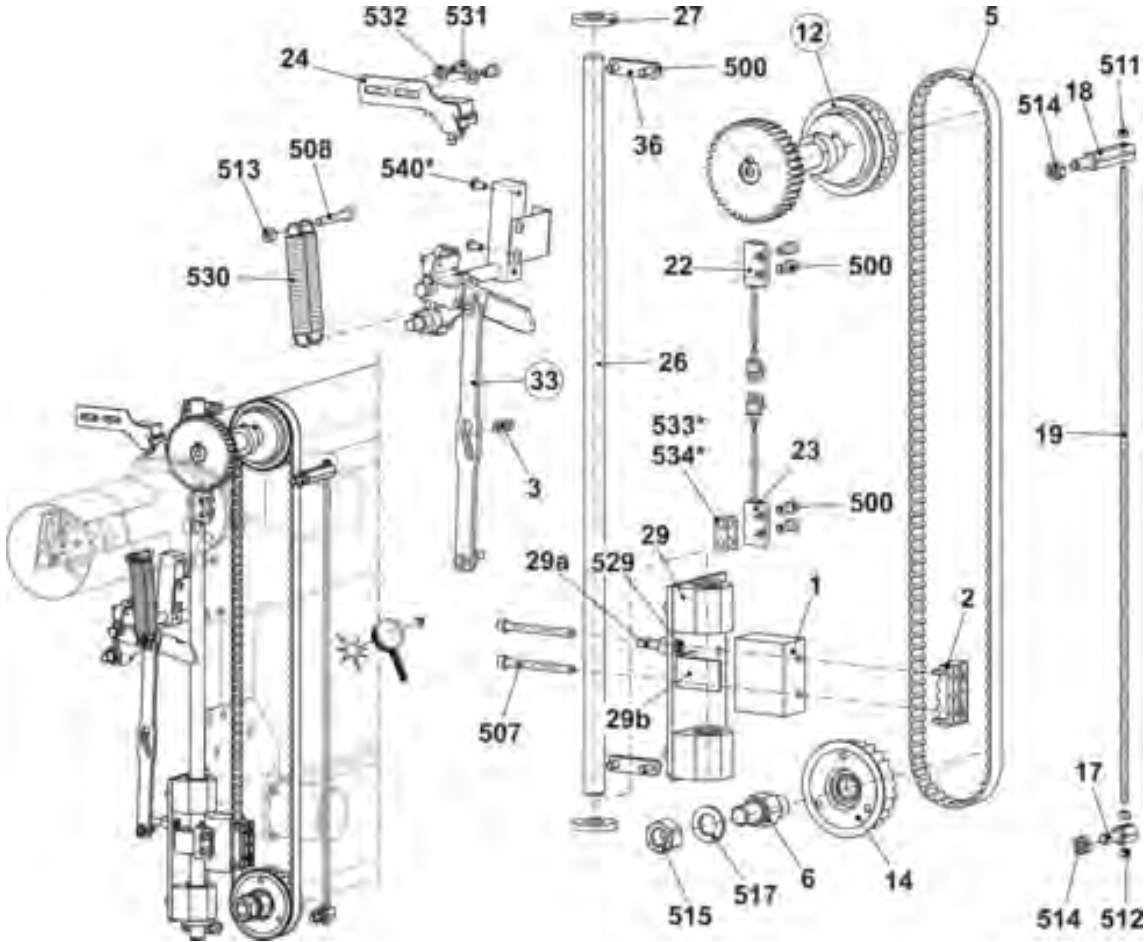
Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the left	261 815			
1	Clamping piece	209 379		528 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric 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	261 374	517	Washer16	020 876
26	Guide bar C35	206 560	524	Retaining 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



8.1 Comb take-down

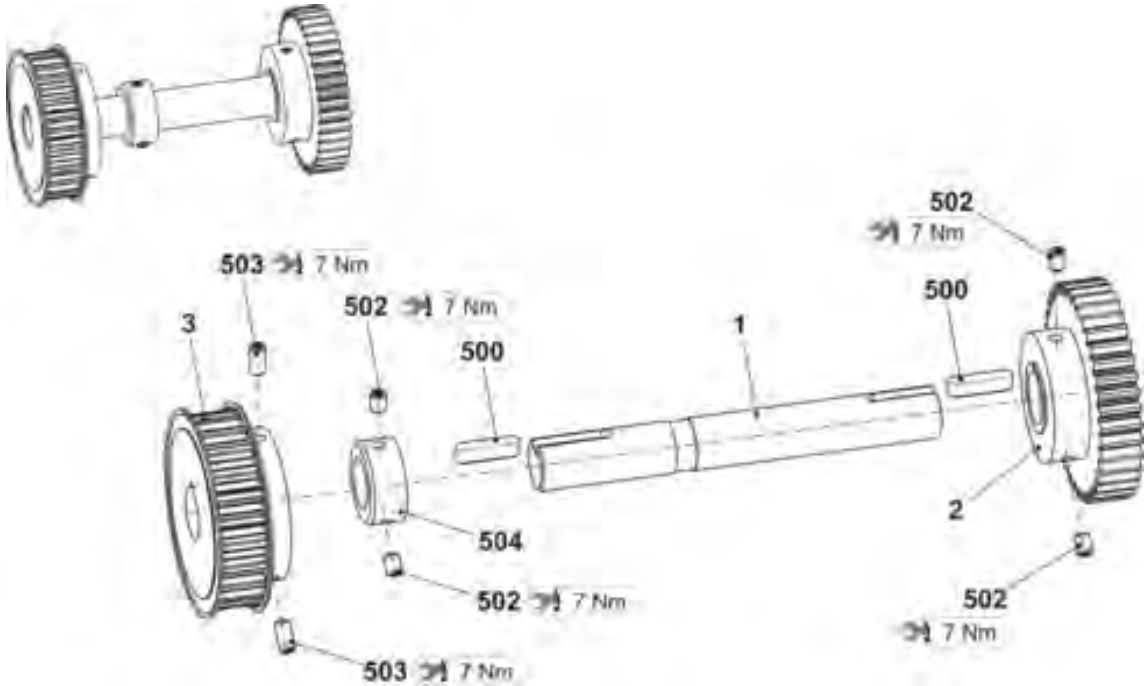
8.1.2 Comb take-down on the right

Pos	Designation		Id		Pos	Designation		Id
Σ	Comb take-down on the right		256 839					
1	Clamping piece		209 379			529	Hexagon nut M8-6	020 838
2	Pressure plate		241 967		33	Swivel lever on the right		252 858
3	Bolts		222 152		36	Clamping plate		227 159
5	Toothed belt16T10/1300		240 065		500	Cap screw M6x16		020 135
6	Eccentric pin		222 320		507	Cap screw M6x65		240 162
12	Drive shaft comb complete		214 583		508	Cap screw M6x45		022 689
14	Toothed lock washer at the bottom complete		211 822		511	Hexagon nut M5-8		023 541
17	Stay bolt		222 315		512	Hexagon nut M5-6		020 835
18	Stay bolt		240 056		513	Hexagon nut M6-6		020 836
19	Threaded rod M5		240 057		514	Hexagon nut M8-6		020 838
22	Proximity switch inductive at the top		231 516		515	Hexagon nut M16-6		020 845
23	Proximity switch inductive at the bottom		231 520		517	Washer16		020 876
24	Holding angle light barrier		257 409		530	Tension spring 15x1,50x70,94		251 614
26	Guide bar C35		206 560		531	Cap screw M6x12		020 134
27	Rubber buffer		206 561		532	Washer6		020 872
29	Comb guide on the right		255 424		533*	Shim0,2x12x27		023 735
	29a	Driving bolt	255 427		534*	Shim0,5x12x27		023 736
	29b	Angle	240 112		540*	Pan head screw M5x10		023 247



8.1.2.1 Drive shaft of comb

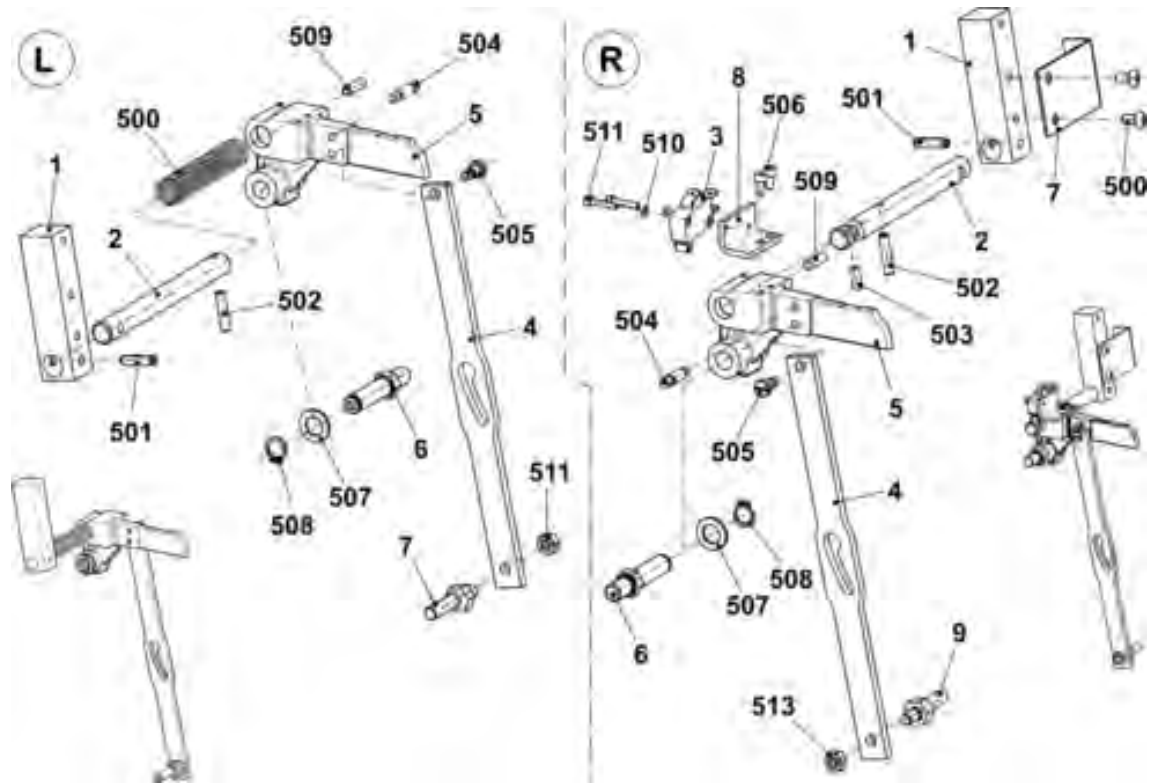
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Wave	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394		504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



8.1 Comb take-down

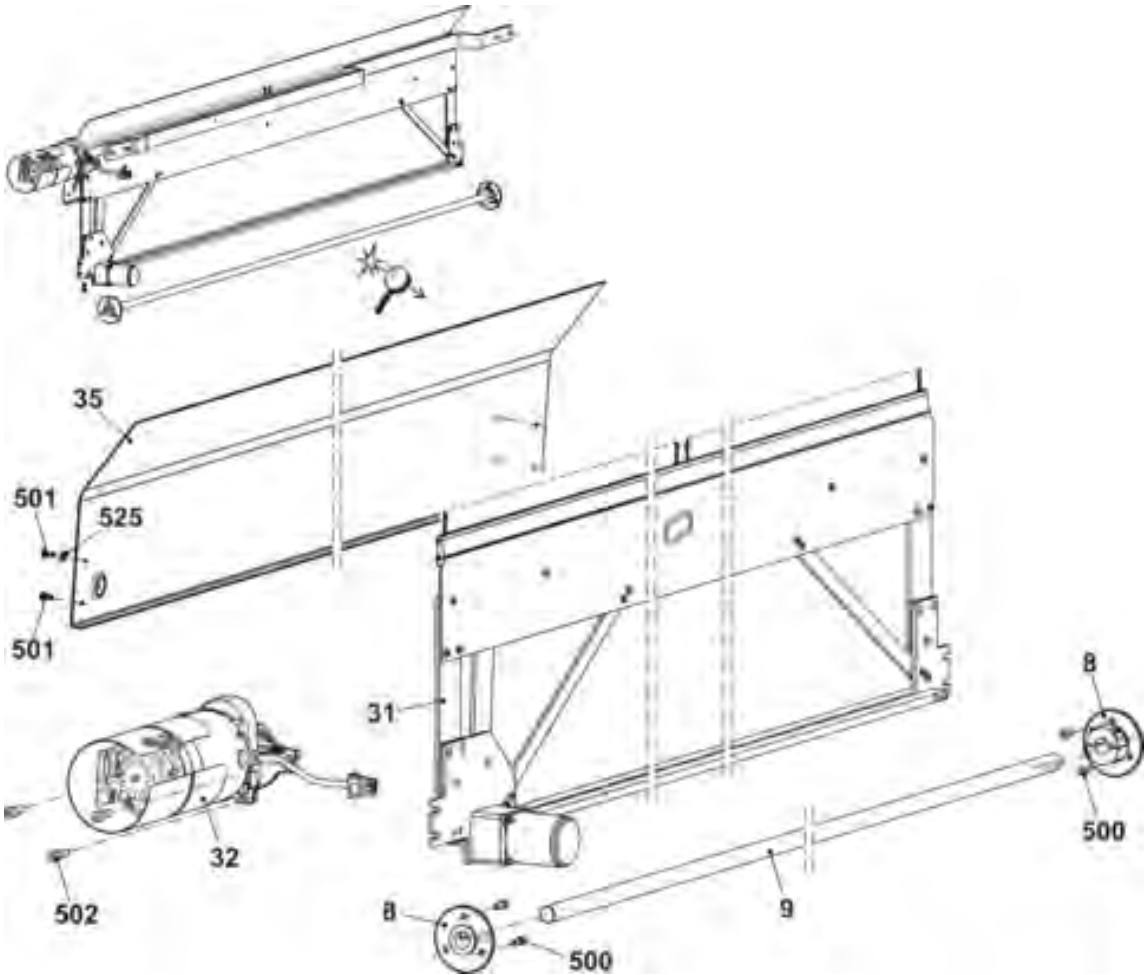
8.1.2.2 Swivel lever comb take-down

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ L	Swivel lever on the left	252 859		3	Microswitch	026 259
1	Support	252 780		4	Plunger	255 650
2	Wave	223 994		5	Swivel lever	239 248
4	Plunger	255 650		6	Bolts	214 053
5	Swivel lever	239 248		7	Angle	224 009
6	Bolts	214 053		8	Angle	238 304
7	Eccentric bolt	255 651		9	Eccentric bolt	255 651
500	Compression spring 1,4x13,6x93	023 572		500	Pan head screw M5x10	023 247
501	Spring dowel sleeve Iso8752-5x20	020 794		501	Spring dowel sleeve 5x20	020 794
502	Dowel pin5x22	023 716		502	Dowel pin5x22	023 716
504	Shoulder screwM5x29x35	251 618		503	Spring dowel sleeve 5x12	020 793
505	Shoulder screw M5x5,8x6,2	023 365		504	Shoulder screwM5x29x35	251 618
507	Washer10	020 884		505	Shoulder screw M5X5,8X6,2	023 365
508	Retaining ring	020 950		506	Cap screw M4x8	022 501
509	Shoulder screw M5x12x18	020 539		507	Washer10	020 884
511	Hexagon nut M8-6	020 838		508	Retaining ring10x1	020 950
				509	Shoulder screwM5x12X18	020 539
Σ R	Swivel lever on the right	252 858		510	Cap screw M3x16	022 583
1	Support	252 780		511	Washer3	020 877
2	Wave	238 339		513	Hexagon nut M8-6	020 838



8.1.3 Comb take-down in the middle

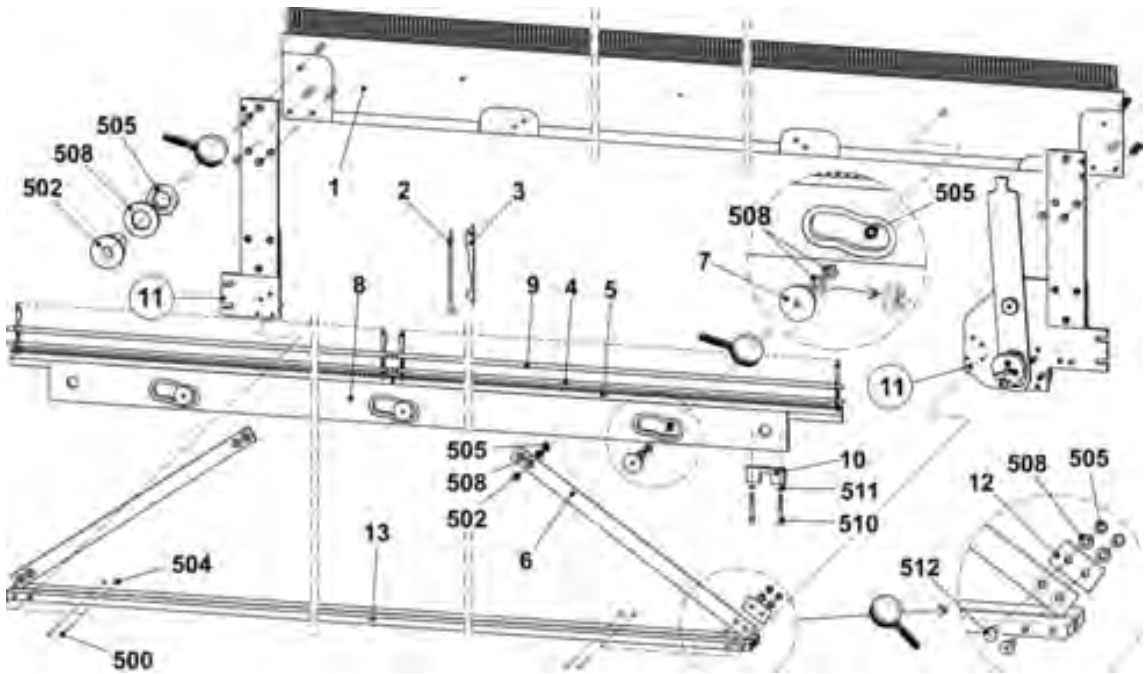
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Comb take-down in the middle			31	Comb unit	
	E10	255 271			E10	242 259
	E12 E6.2(12m.10) E6.2	255 248			E12 E6.2(12m.10) E6.2	242 260
	E14 E7.2	255 272			E14 E7.2	242 261
	E16 E8.2 mg	255 273			E16 E8.2 mg	242 262
	E18	255 274			E18	242 263
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	236 875		35	Marking plate open	252 830
500	Cap screw M6x16	020 135		502	Cap screw M8x25	020 142
501	Pan head screw M5x10	023 247		525	Serrated lock washer J5,3	022 489



8.1 Comb take-down

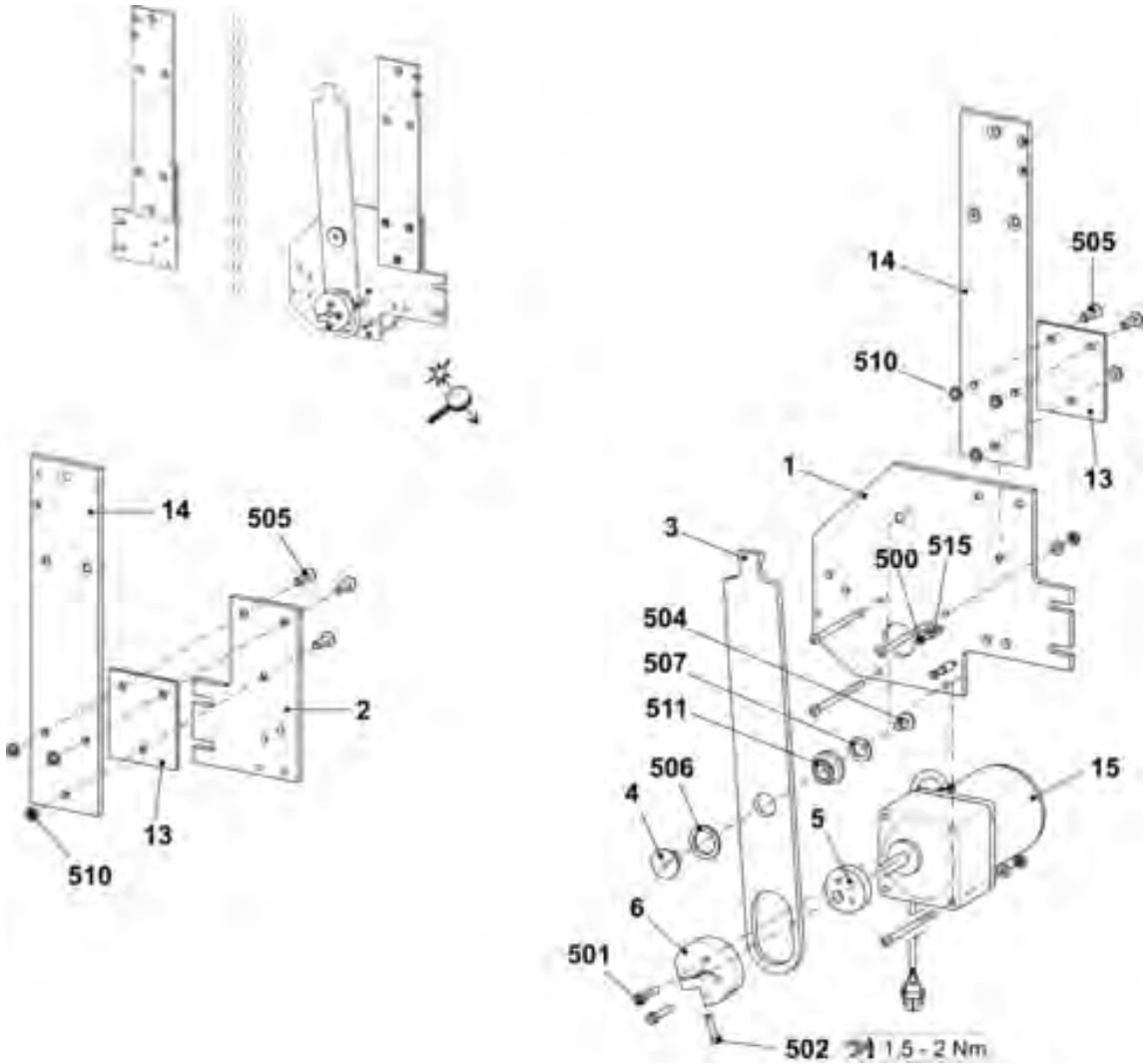
8.1.3.1 Comb unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb unit				
	E10	242 259	4	Cover rail	237 065
	E12 E6.2(12m.10) E6.2	242 260	5	Hook slider	
	E14 E7.2	242 261		E10	237 465
	E16 E8.2 mg	242 262		E12 E6.2(12m.10) E6.2	237 466
	E18	242 263		E14 E7.2	237 464
1	Hook bed			E16 E8.2 mg	237 466
	E10 E10m.12 E5.2	237 470		E18	237 467
	E12 E6.2(12m.10) E6.2	237 471	6	Strut	218 740
	E14 E7.2	237 472	7	Collar bolt complete	211 036
	E16 E8.2 mg	237 695	8	Cross slider	237 069
	E18	237 473	9	Cover rail	237 074
2	Closer		10	Plunger	205 678
	E10 E10m.12 E5.2	230 106	11	Switching lever complete	240 060
	E12 E6.2(12m.10) E6.2	230 106	12	Intermediate plate	218 742
	E14 E7.2	230 106	13	Stabilizer	237 056
	E16 E8.2 mg	230 107	500	Cap screw M4x50	023 102
	E18	230 107	502	Countersunk head screw M5x12	023 340
3	Body		504	Hexagon nut M4-8	023 046
	E10	230 094	505	Hexagon nut M5-04	020 854
	E12 E6.2(12m.10) E6.2	230 094	508	Washer5-200	020 871
	E14 E7.2	230 094	510	Cap screw M4x30	023 290
	E16 E8.2 mg	230 095	511	Circlip	022 774
	E18	230 095	512	Countersunk screw M5x16	023 417



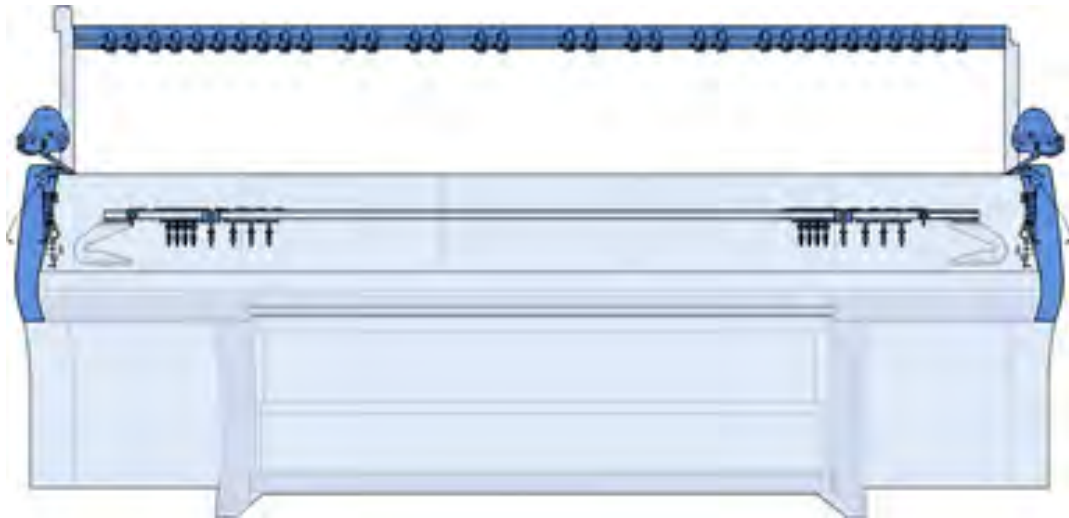
8.1.3.1.1 Switching lever comb take-down

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



Notes:

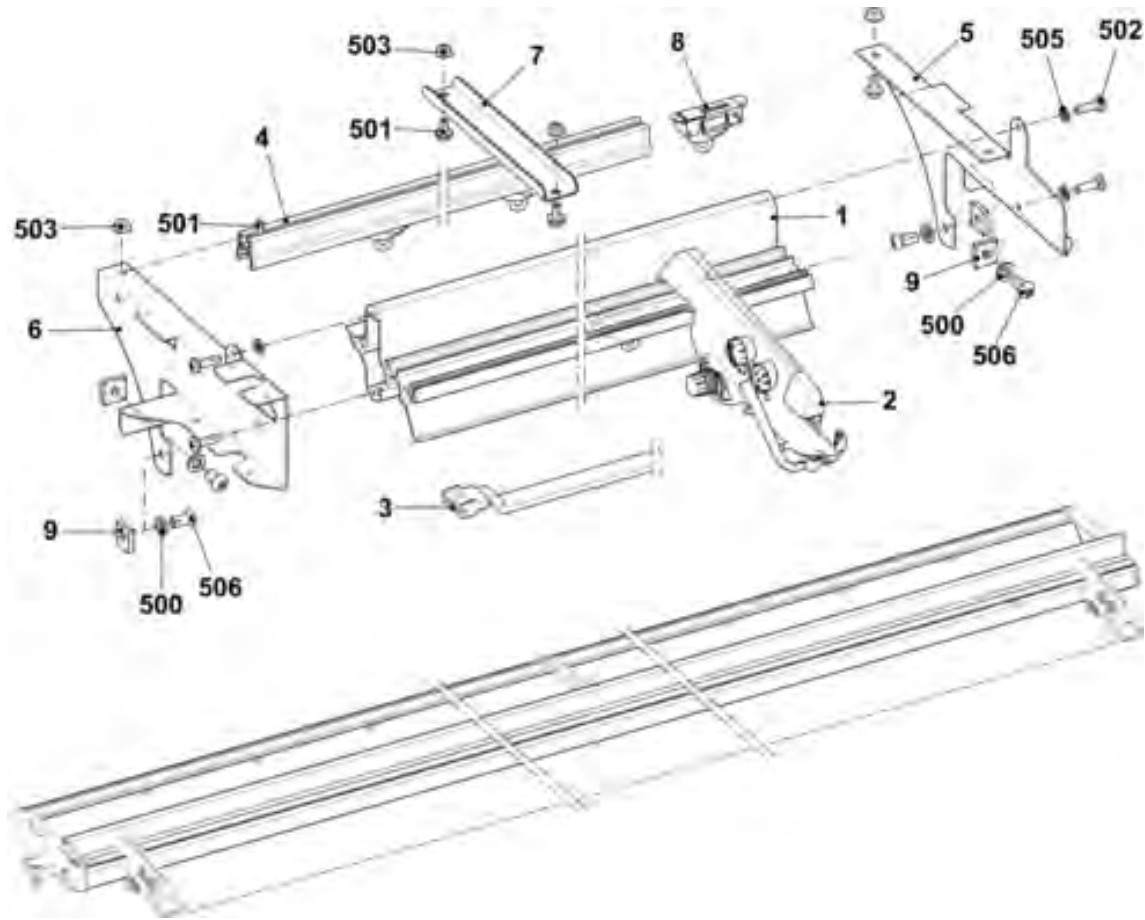
9 Yarn delivery device



9.1 Yarn guide system from 20 up to 26 FKE

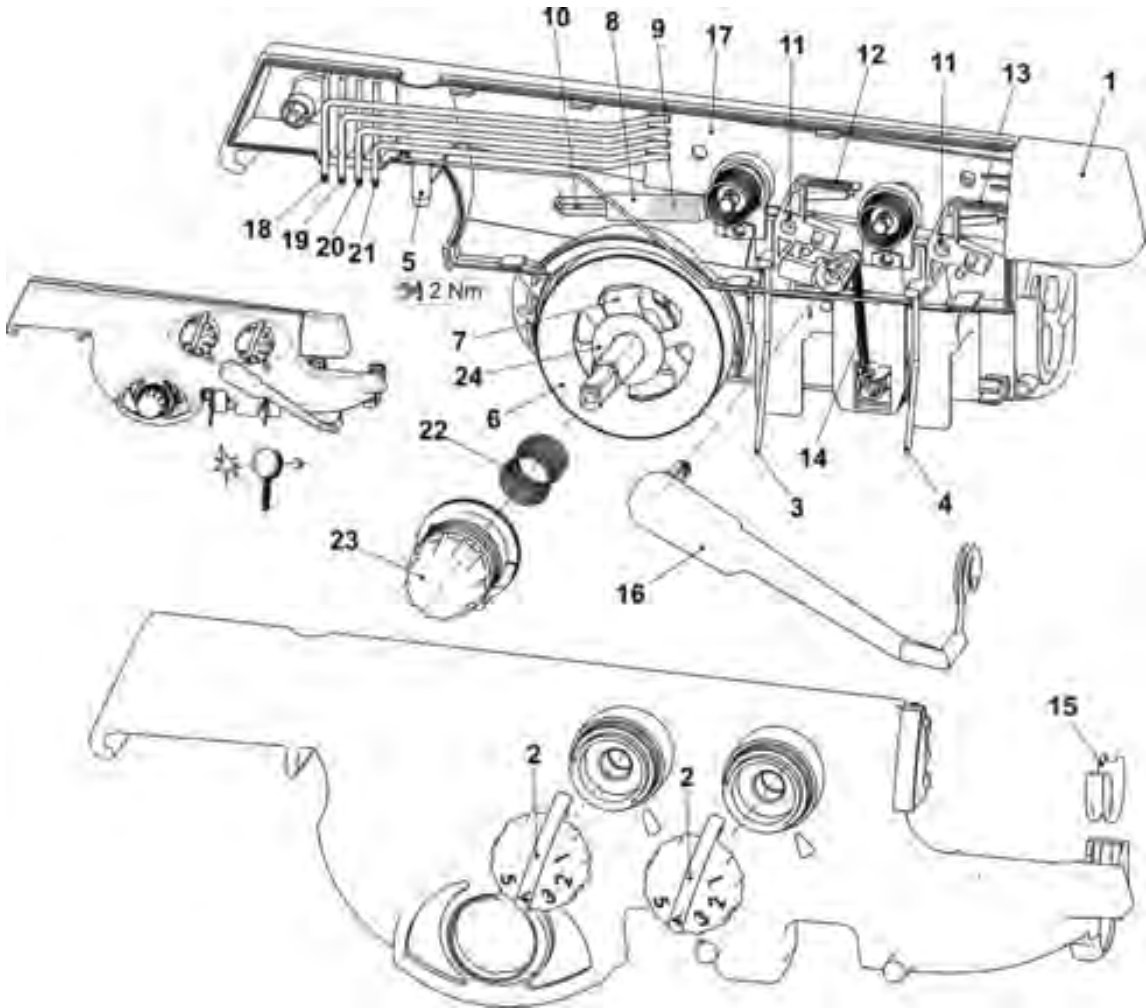
9.1 Yarn guide system from 20 up to 26 FKE

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Yarn guide system 20 FKE 84"	240 685				
	Yarn guide system 26 FKE 84"	242 269		8	Yarn guide bracket complete	241 581
1	Support 84"	243 112		9	Slot nut	228 851
2	Yarn control device(FKE)	237 124		500	Serrated lock washer	023 388
3	Connection cable FKE-3 84"	240 349		501	Self-locking screw M6x12	023 415
4	Yarn guide bar	236 932		502	Screw M6x20	023 721
5	Support on the right	243 601		503	Serrated nut M6-10	023 414
6	Support on the left	243 600		505	Washer6-200	022 431
7	Support	243 792		506	Pan-head screw M8x16	023 113



9.2 Yarn control device

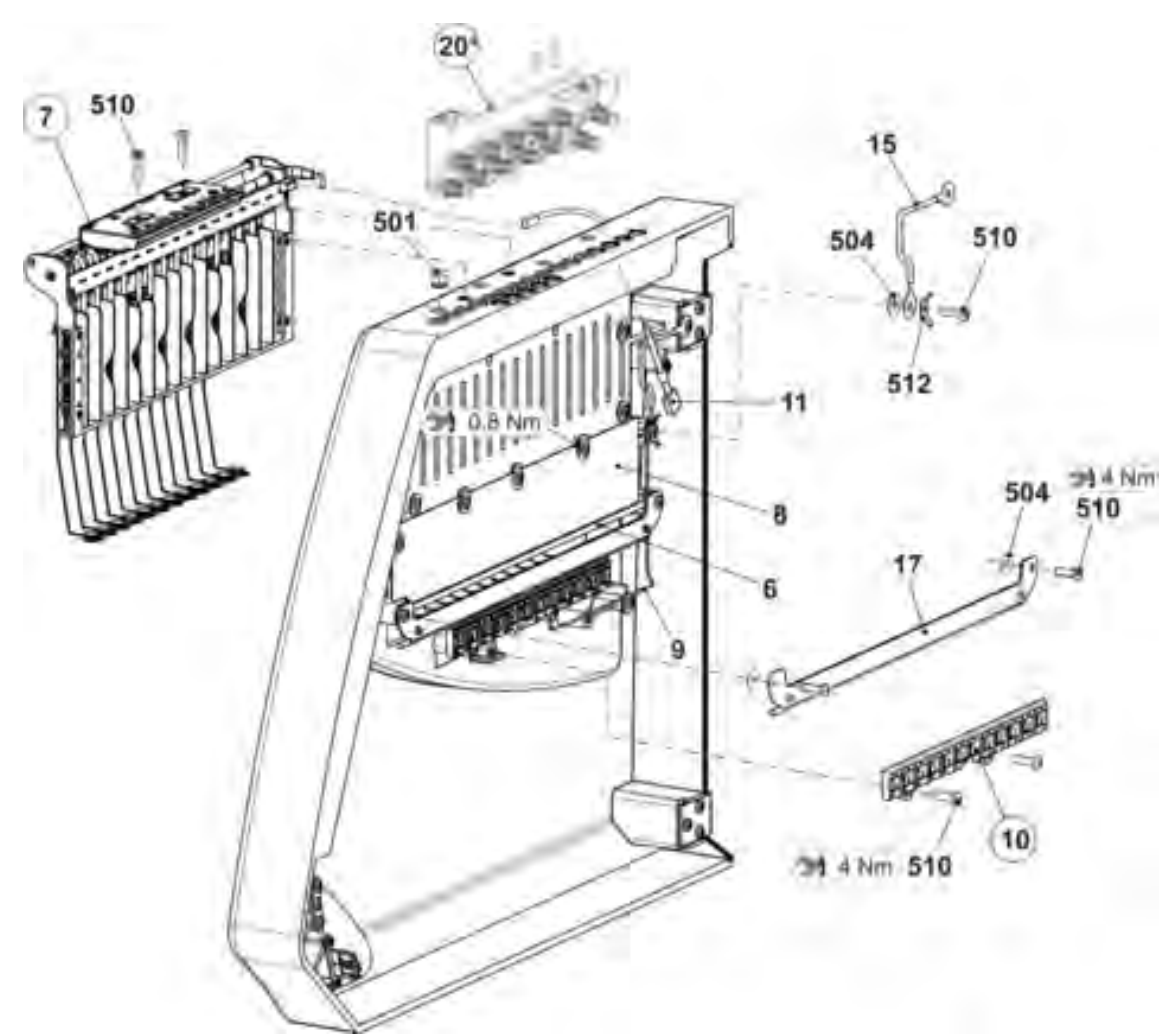
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control device	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw	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 Yarn guide on the left E10-E18

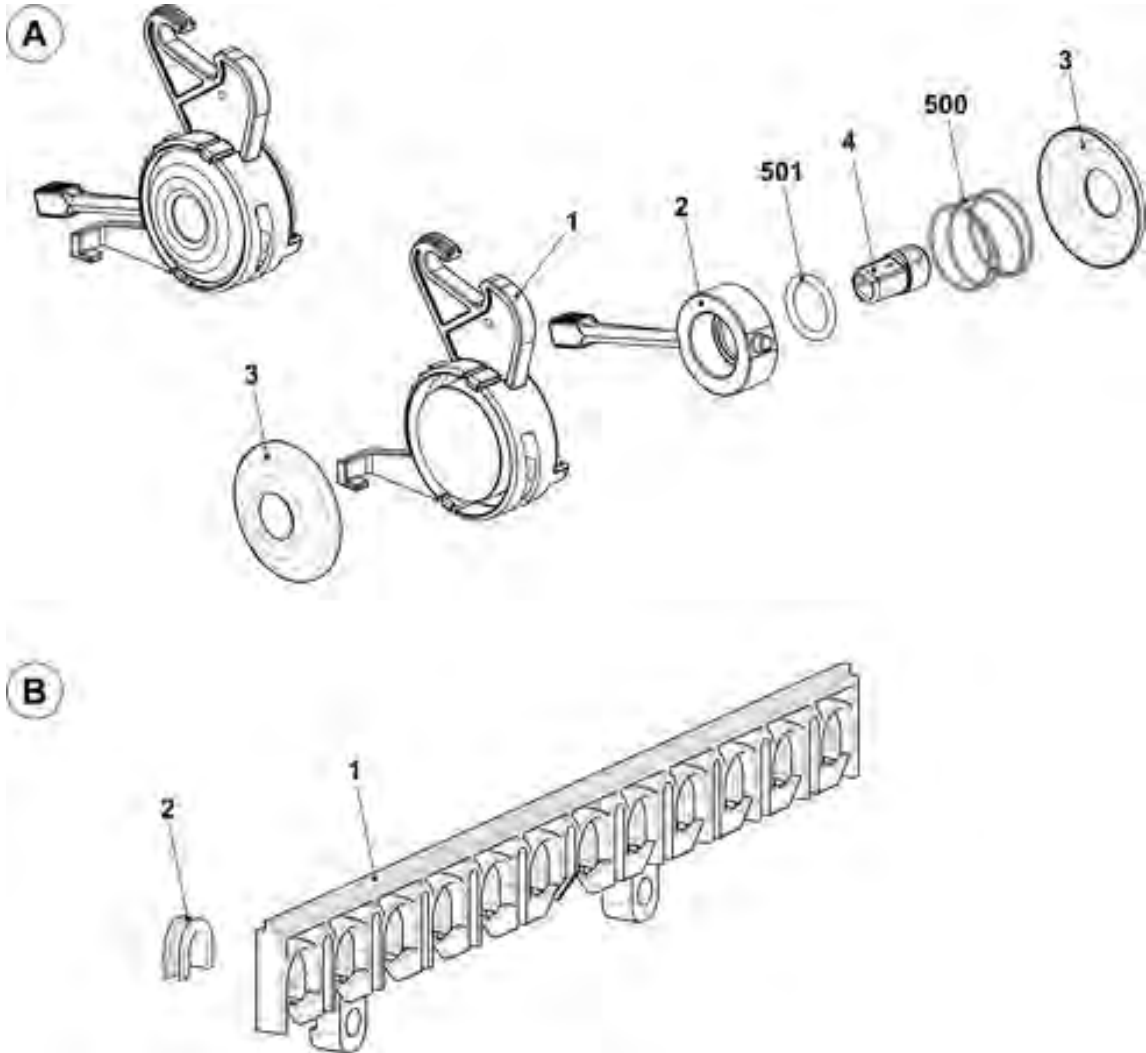
9.3 Yarn guide on the left E10-E18

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Safety door on the left complete E10-18, E10 E12 E14 E16 E18 E6.2(12m.10) E7.2 E8.2	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 brake and yarn deflector

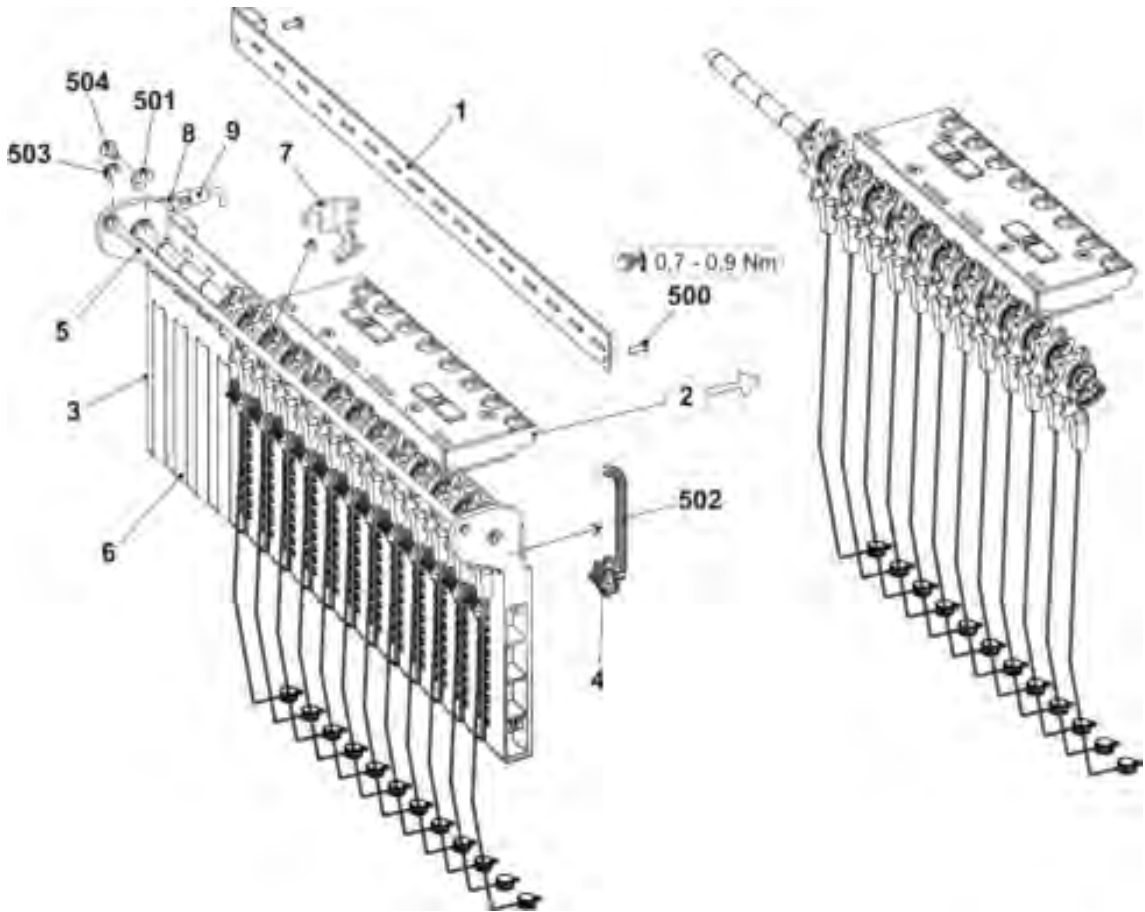
Pos	Designation	Id. no.		Pos	Designation	Id. no.
A	Yarn brake complete	244 347		500	Compression spring 0,65x20,15x14,80	241 361
1	Support	240 607		501	O-ring 11x2	241 434
2	Slider	240 606		B	Yarn deflector	242 011
3	Brake disk	244 355		1	Support of yarn deflector	242 009
4	Ceramic eyelet open	243 778		2	Ceramic eyelet open	240 733



9.3 Yarn guide on the left E10-E18

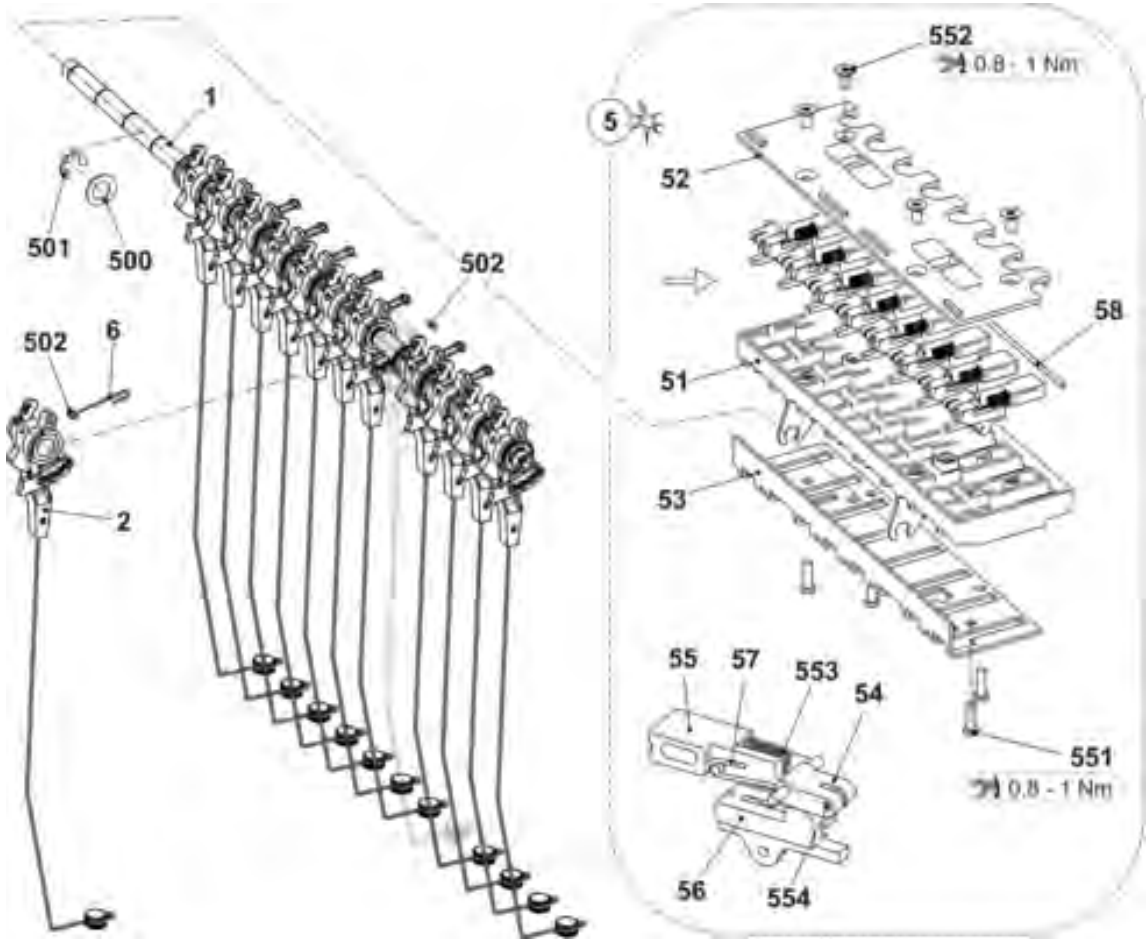
9.3.2 Left yarn tensioner

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Yarn tensioner on the left complete			6	Border	242 268
	E7-8, (E6.2)	241 364		7	Spacer	242 048
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 365		8	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		9	Ground cable yarn tensioner okc	243 105
2	Tension axle on the left complete			500	Screw KB 30x8	236 228
	E7-8, (E6.2)	241 366		501	Circlip	021 022
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381		502	Tension spring 4,9x0,5x53 (E6.2)	023 503
3	Housing	241 367			Tension spring 4,9x0,45x53 E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	023 504
4	Slider	241 694		503	Circlip	021 020
5	Stop point	241 368		504	Countersunk screw M4x10	241 914



9.3.2.1 Left tension axle

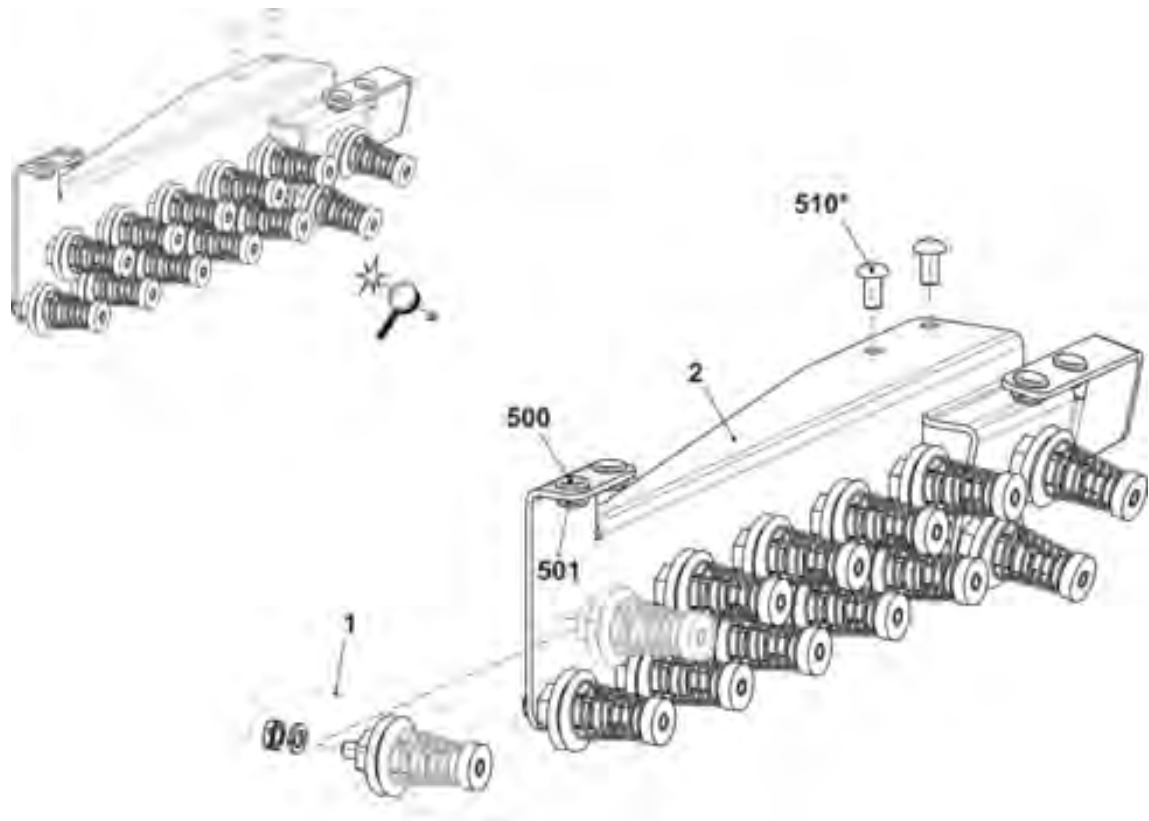
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle on the left complete		Σ 5	Thread clamp AKF	238 695
	E6.2	241 366	51	HousingAKF	238 689
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E6.2	258 557	55	Pressure piece AKF	238 690
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	258 459	56	SliderAKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Shim ring 8x14x0,5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



9.3 Yarn guide on the left E10-E18

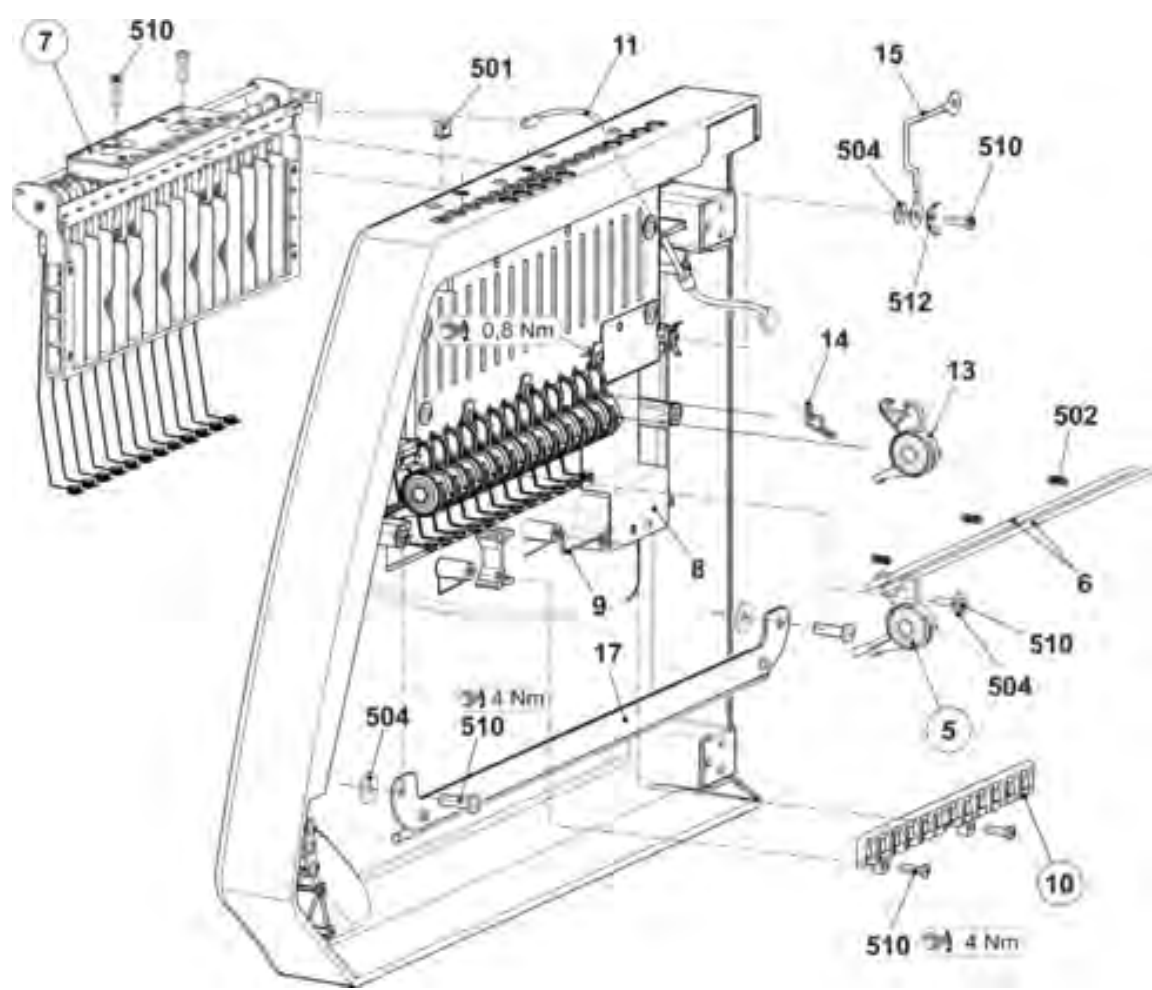
9.3.3 Stopping device on the left

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 Left yarn guide E6.2

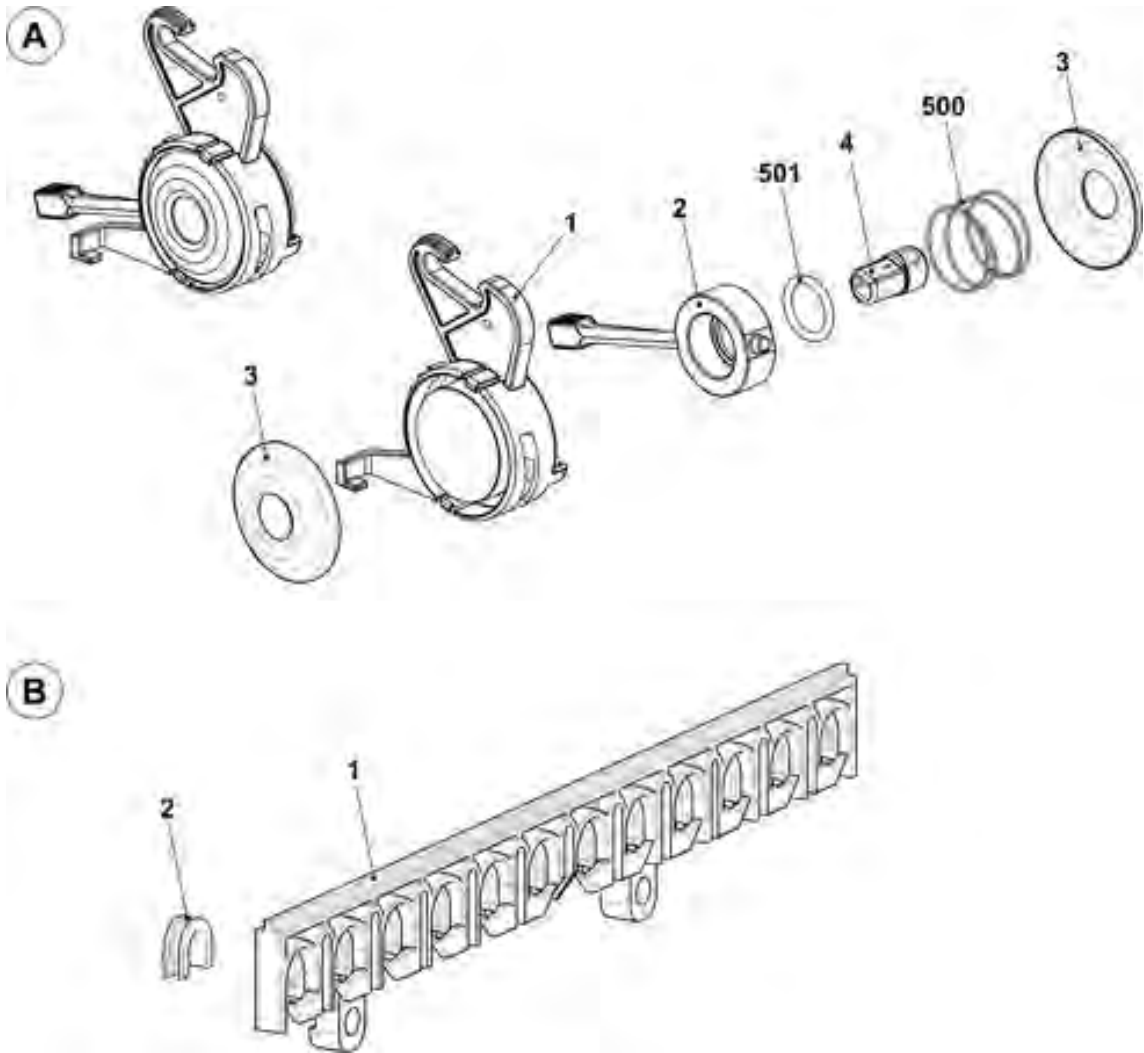
Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the left complete E7-8	241 272			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Wave	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left complete E7-8	241 364	17	Stop bar on the left complete	258 454
8	Cover	240 783	501	Ceramic 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



9.4 Left yarn guide E6.2

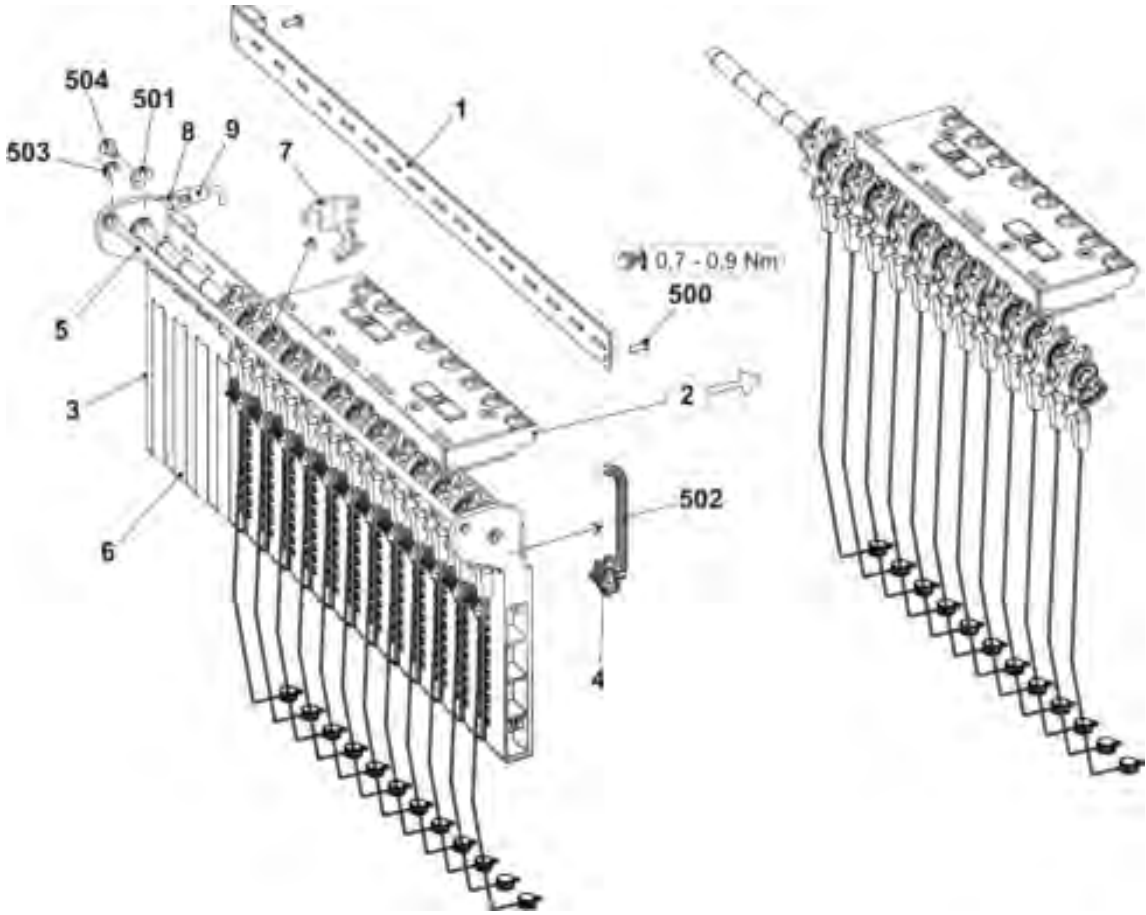
9.4.1 Yarn brake and yarn deflector

Pos	Designation	Id. no.		Pos	Designation	Id. no.
A	Yarn brake complete	244 347		500	Compression spring 0,65x20,15x14,80	241 361
1	Support	240 607		501	O-ring 11x2	241 434
2	Slider	240 606		B	Yarn deflector	242 011
3	Brake disk	244 355		1	Support of yarn deflector	242 009
4	Ceramic eyelet open	243 778		2	Ceramic eyelet open	240 733



9.4.2 Left yarn tensioner E6.2

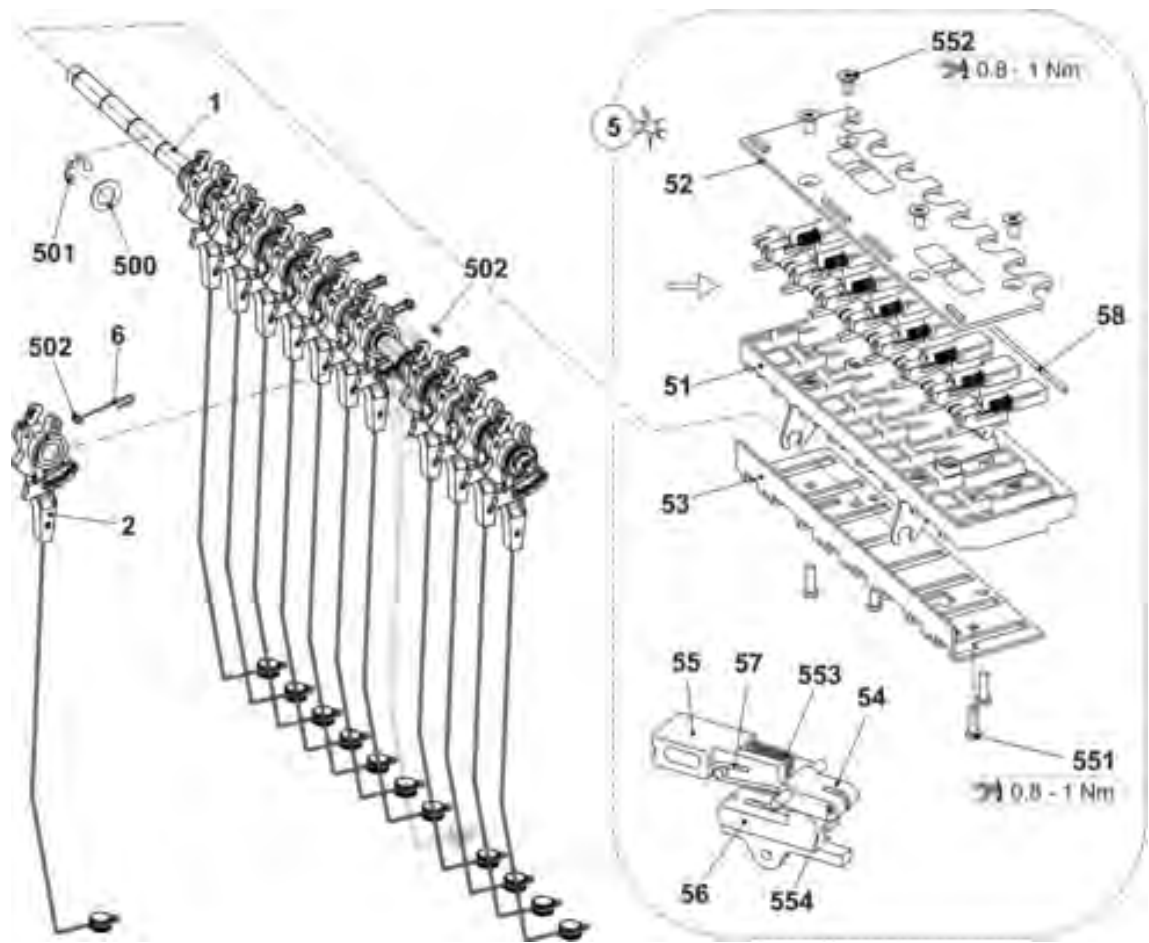
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E7-8	241 364				
1	Card yarn tensioner 16-fold on the left	241 345		7	Spacer	242 048
2	Tension axle on the left complete E3-8	241 366		8	Grounding plate of tension axle	243 121
3	Housing	241 367		9	Ground cable yarn tensioner 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



9.4 Left yarn guide E6.2

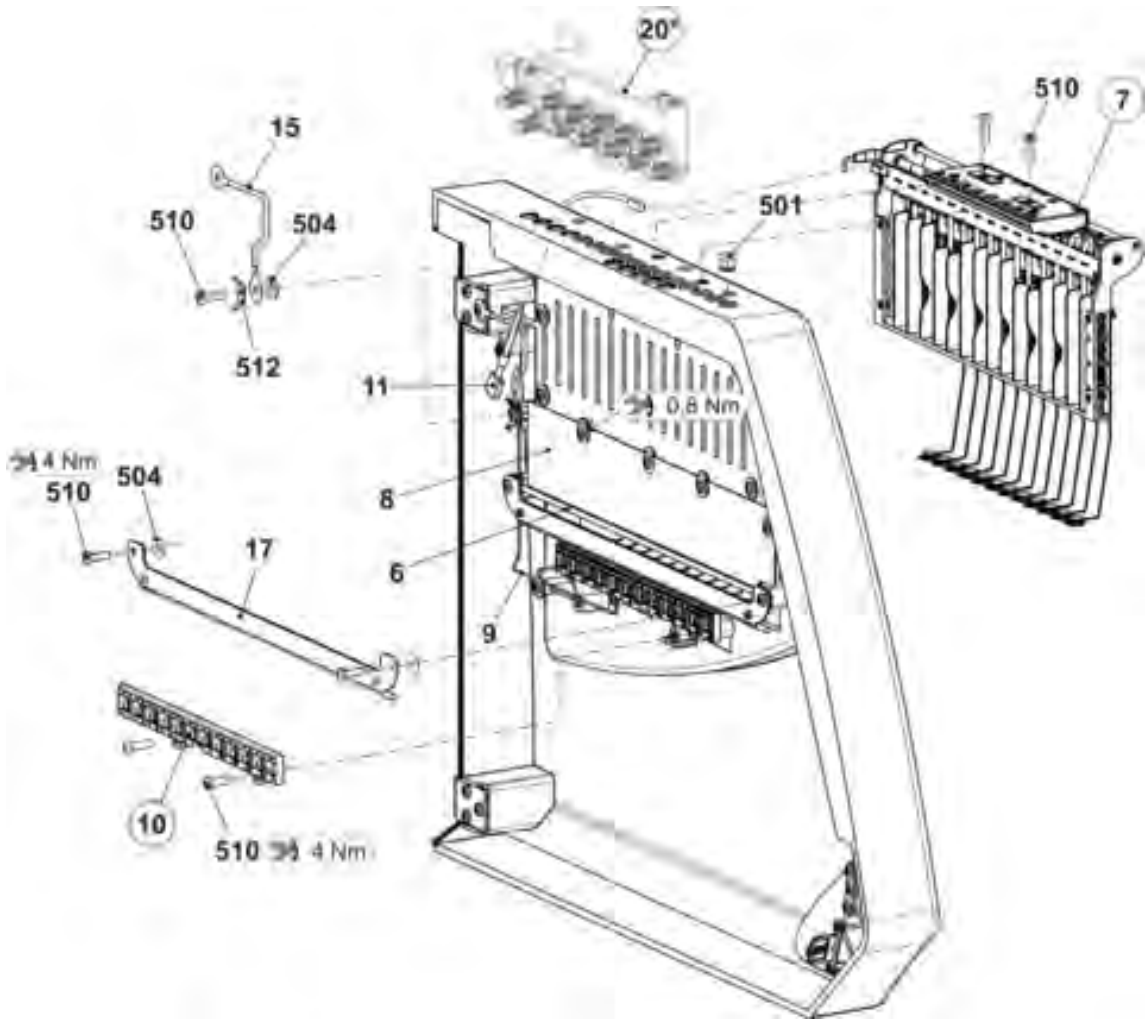
9.4.2.1 Left tension axle E6.2

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



9.5 Yarn guide on the right E10-E18

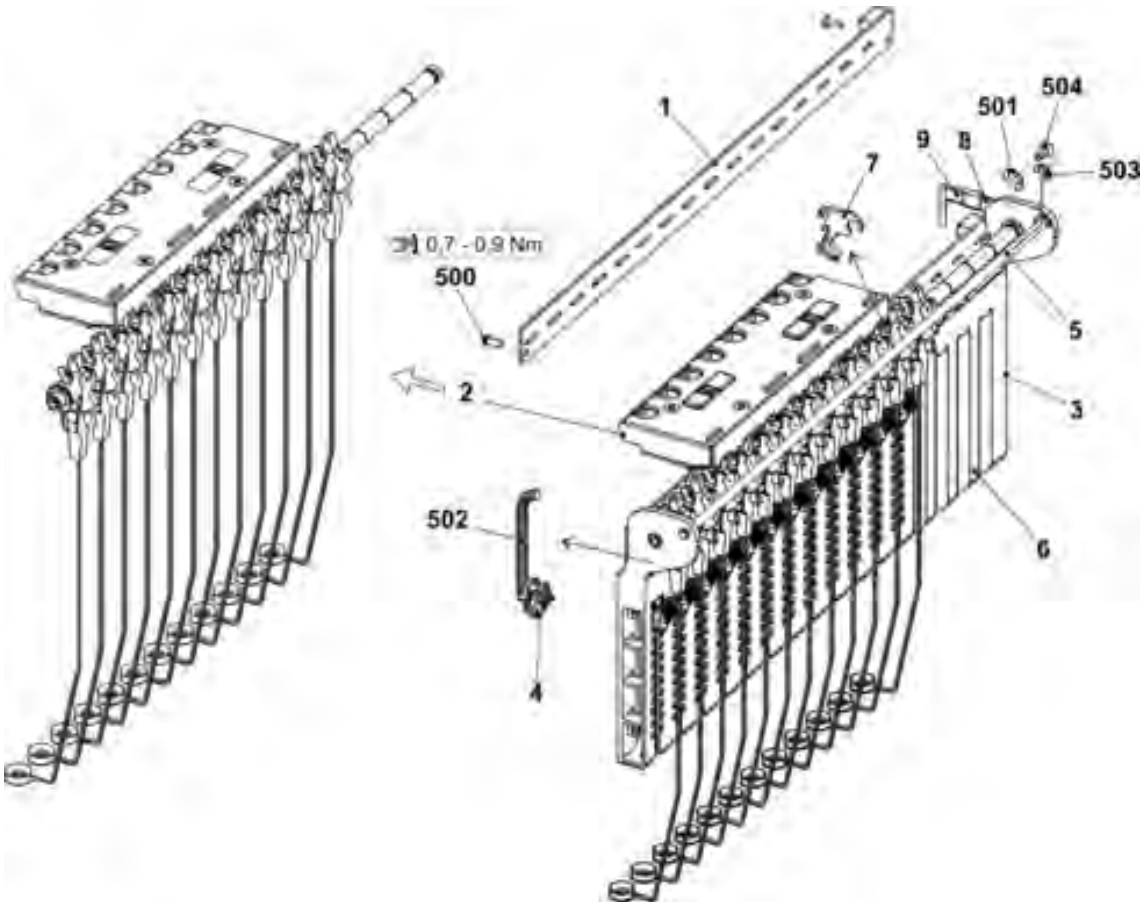
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Safety door on the right complete E10-18, E10 E12 E14 E16 E18 E6.2(12m.10) E7.2 E8.2	241 276		15	Ground cable	244 404
6	Wave	241 318		17	Stop bar on the right complete	258 562
7	Yarn tensioner on the right complete E10-18	241 384		20*	Stopping device 12-fold on the right	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



9.5 Yarn guide on the right E10-E18

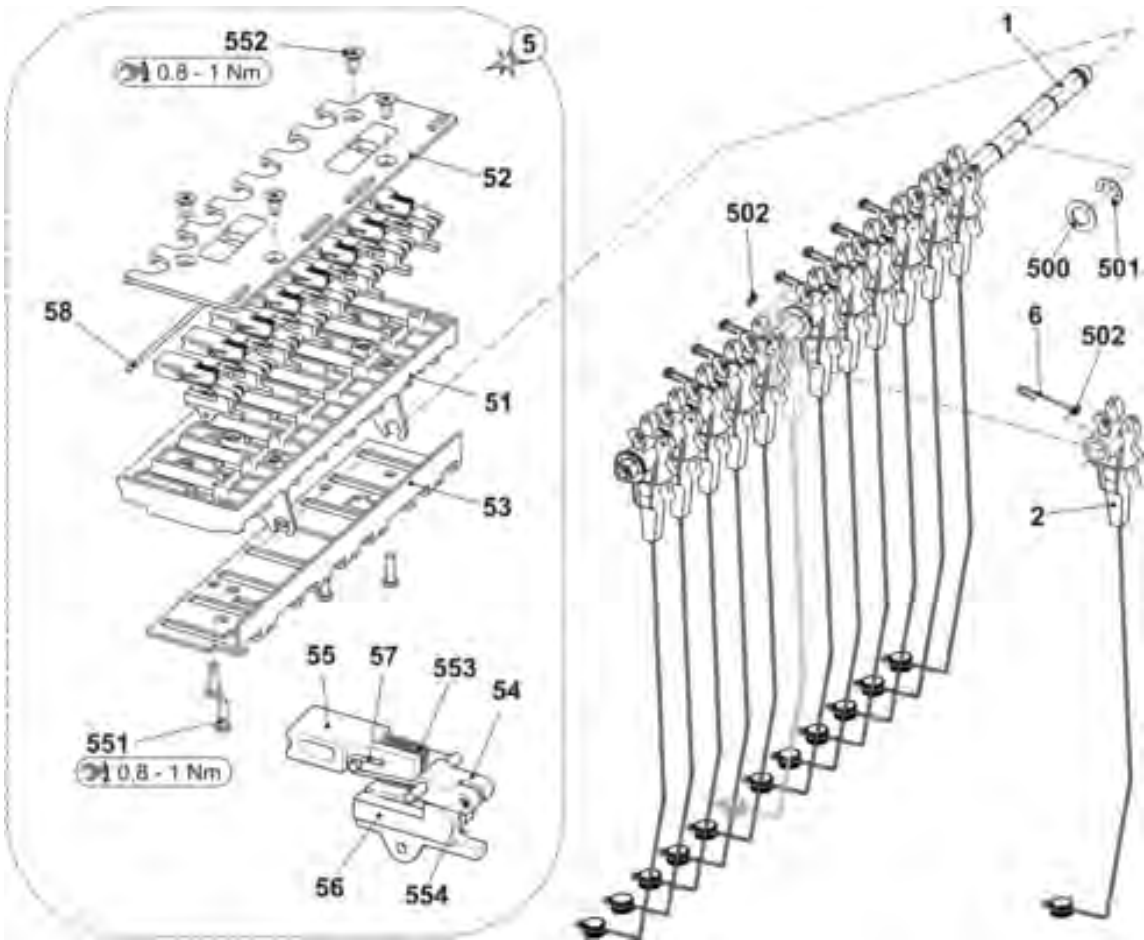
9.5.1 Right yarn tensioner

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



9.5.1.1 Right tension axle

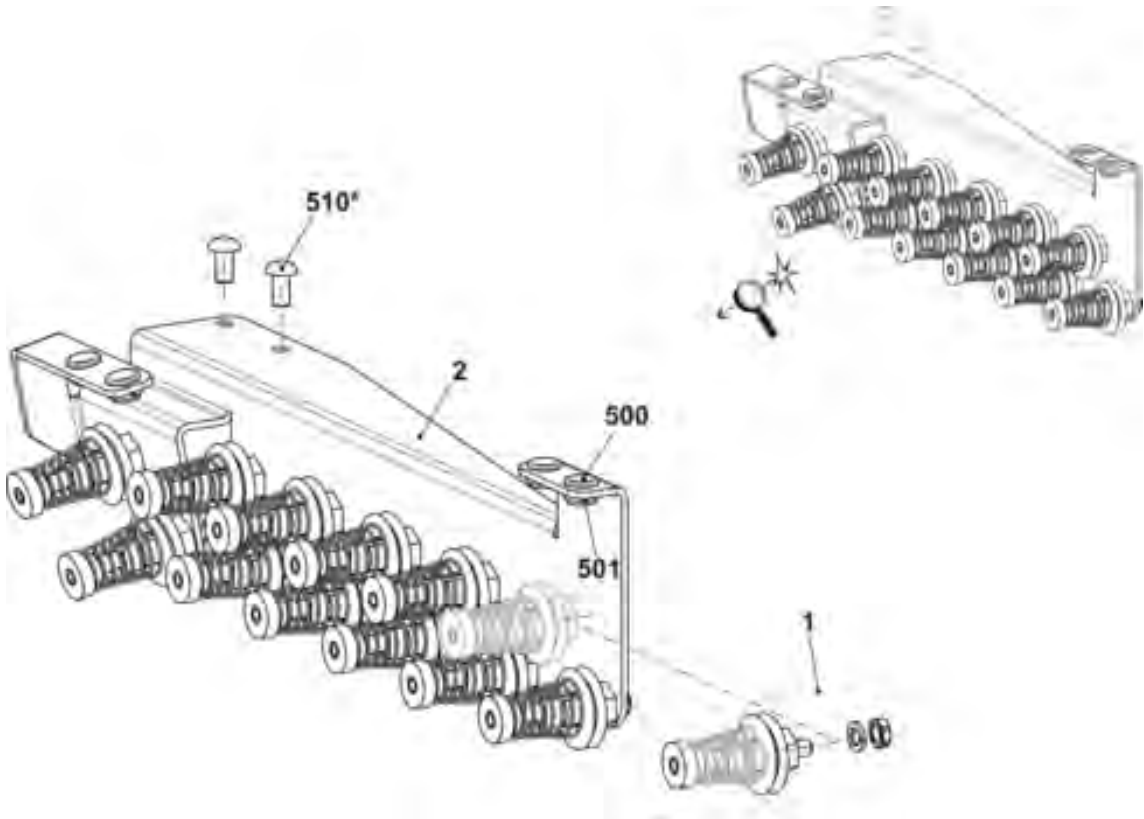
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Tension axle on the right completeE10-18	241 380		53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107		54	Lever AKF	238 692
2	Tension arm pre-assembled	258 459		55	Pressure piece AKF	238 690
6	Wire bow	238 694		56	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501		57	Wire bow	238 694
501	Circlip	021 022		58	Wire	237 940
502	Grooved pin 2x6	243 172		551	Screw KB 35x12	237 681
Σ 5	Thread clamp AKF	238 695		552	Screw KB 40x8	236 227
51	HousingAKF	238 689		553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926		554	Grooved pin 2x6	243 172



9.5 Yarn guide on the right E10-E18

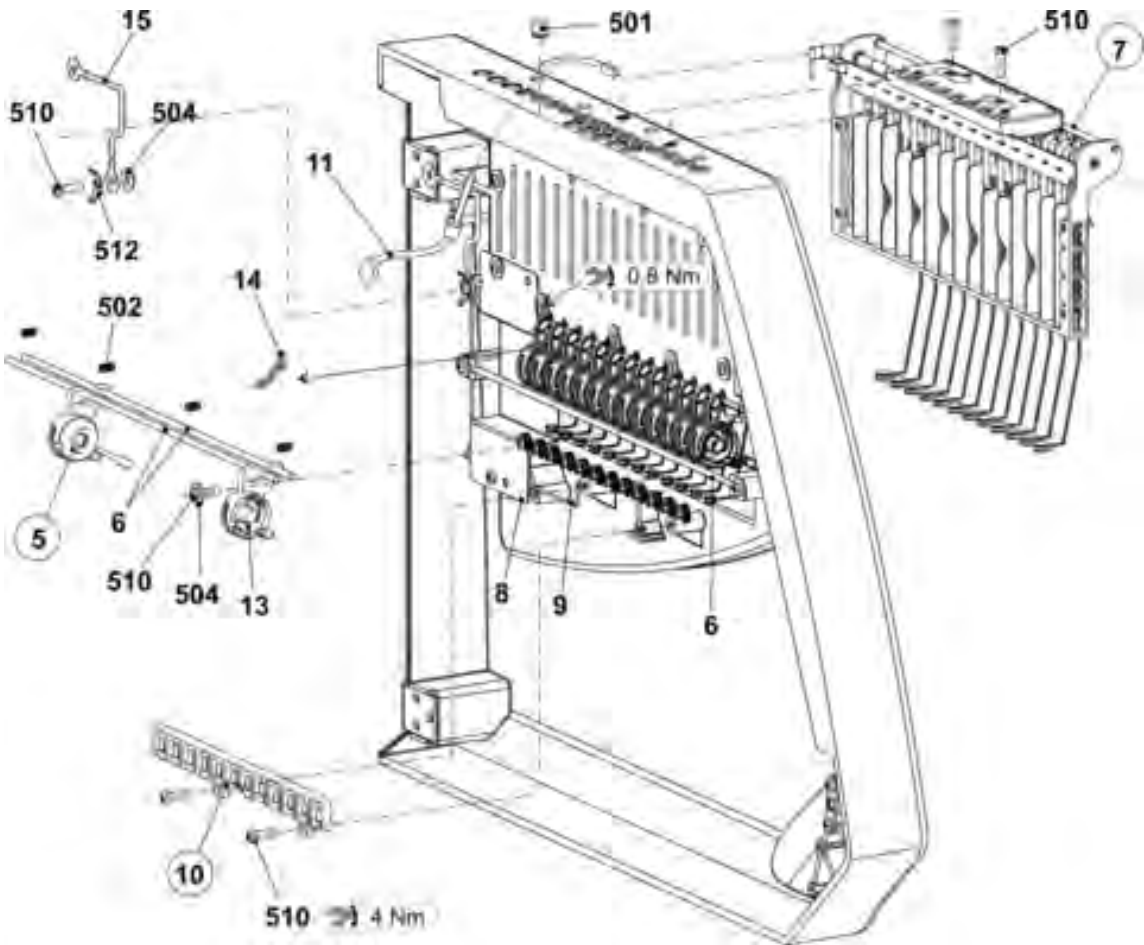
9.5.2 Stopping device on the right

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



9.6 Right yarn guide E6.2

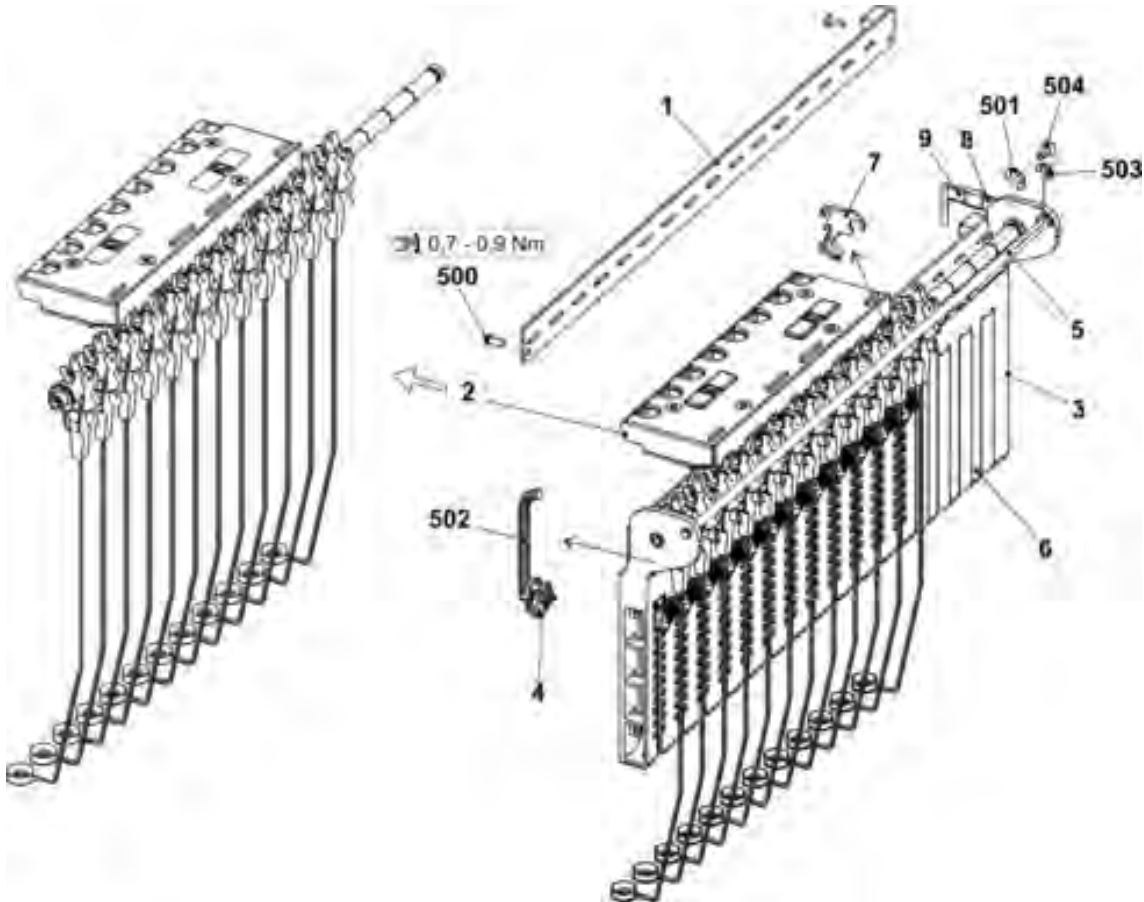
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Safety door on the right complete. E7-8	241 275	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Wave	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete E7-8	241 383	501	Ceramic eyelet	240 640
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



9.6 Right yarn guide E6.2

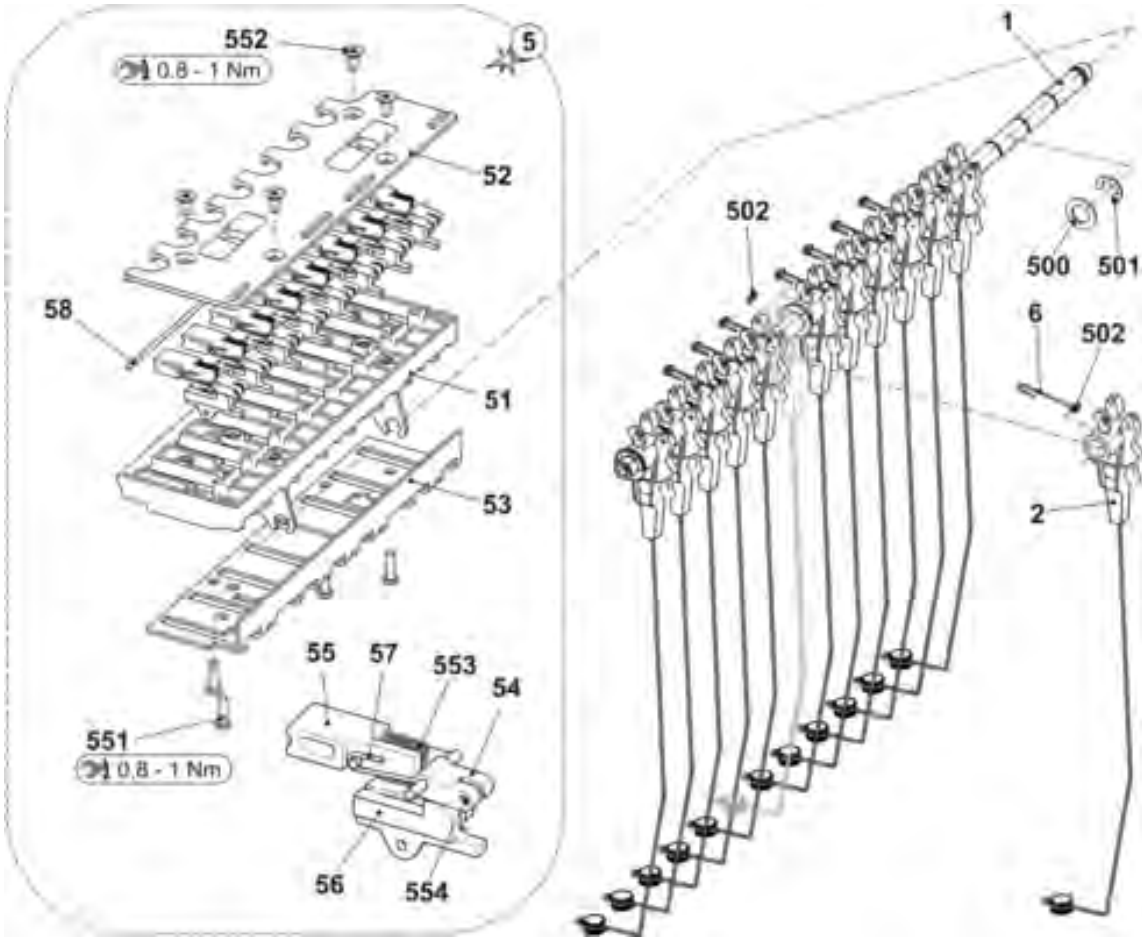
9.6.1 Right yarn tensioners E6.2

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



9.6.1.1 Right tension axle

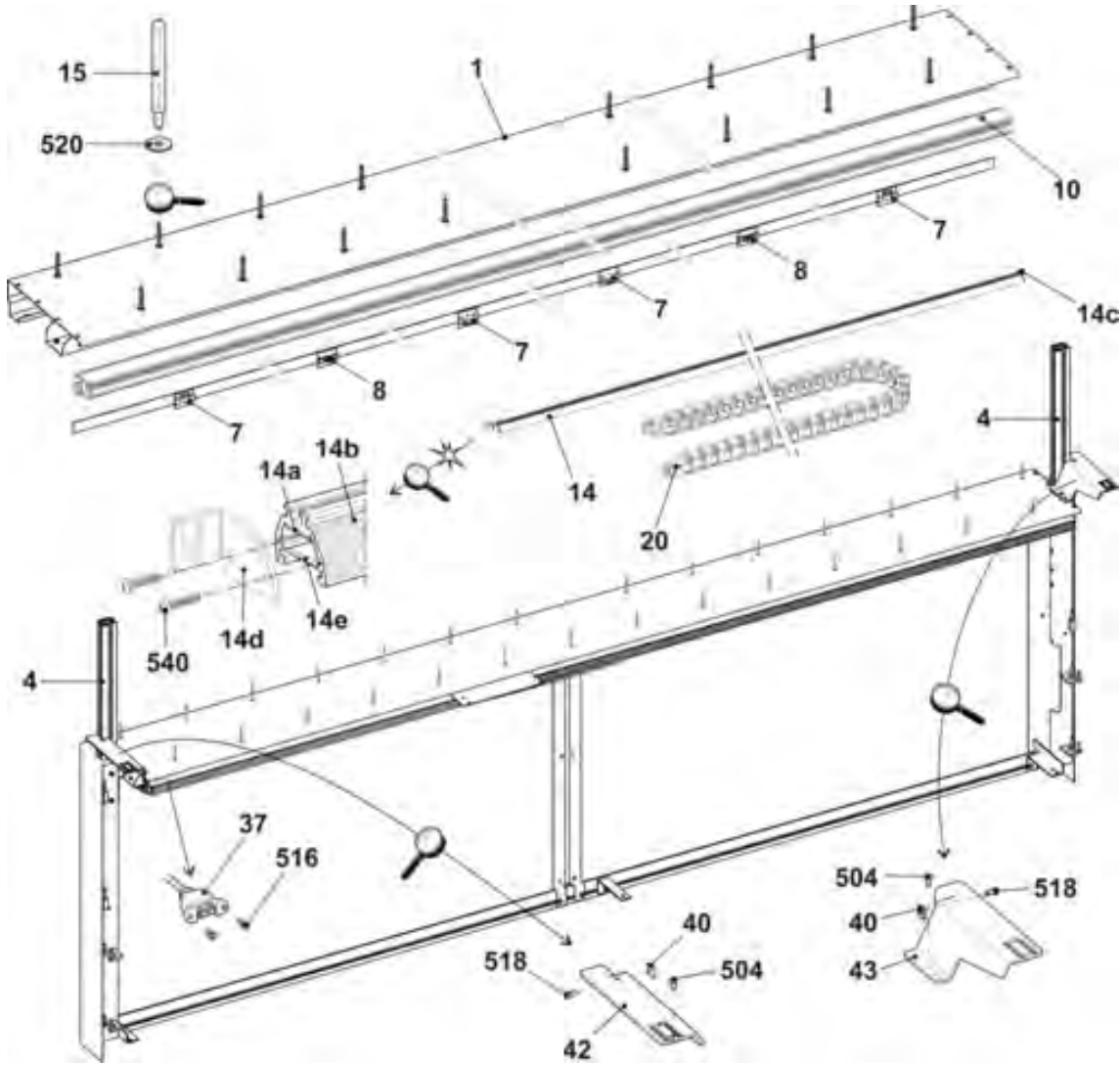
Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Tension axle on the right completeE3-8		241 379			56	SliderAKF	238 691
1	Axle		243 107			57	Wire bow	238 694
2	Tension arm pre-assembledE3-8		258 557			58	Wire	237 940
6	Wire bow		238 694			551	Screw KB 35x12	237 681
5	Thread clamp AKF		238 695			552	Screw KB 40x8	236 227
	51	HousingAKF	238 689			553	Compression spring 0,30x4,50x18,50	241 437
	52	Cover AKF	237 926			554	Grooved pin 2x6	243 172
	53	Sheet metal at the bottom (housing AKF)	240 719		500	Shim ring 8x14x0,5		023 501
	54	Lever AKF	238 692		501	Circlip		021 022
	55	Pressure piece AKF	238 690		502	Grooved pin 2x6		243 172



9.7 Bobbin board

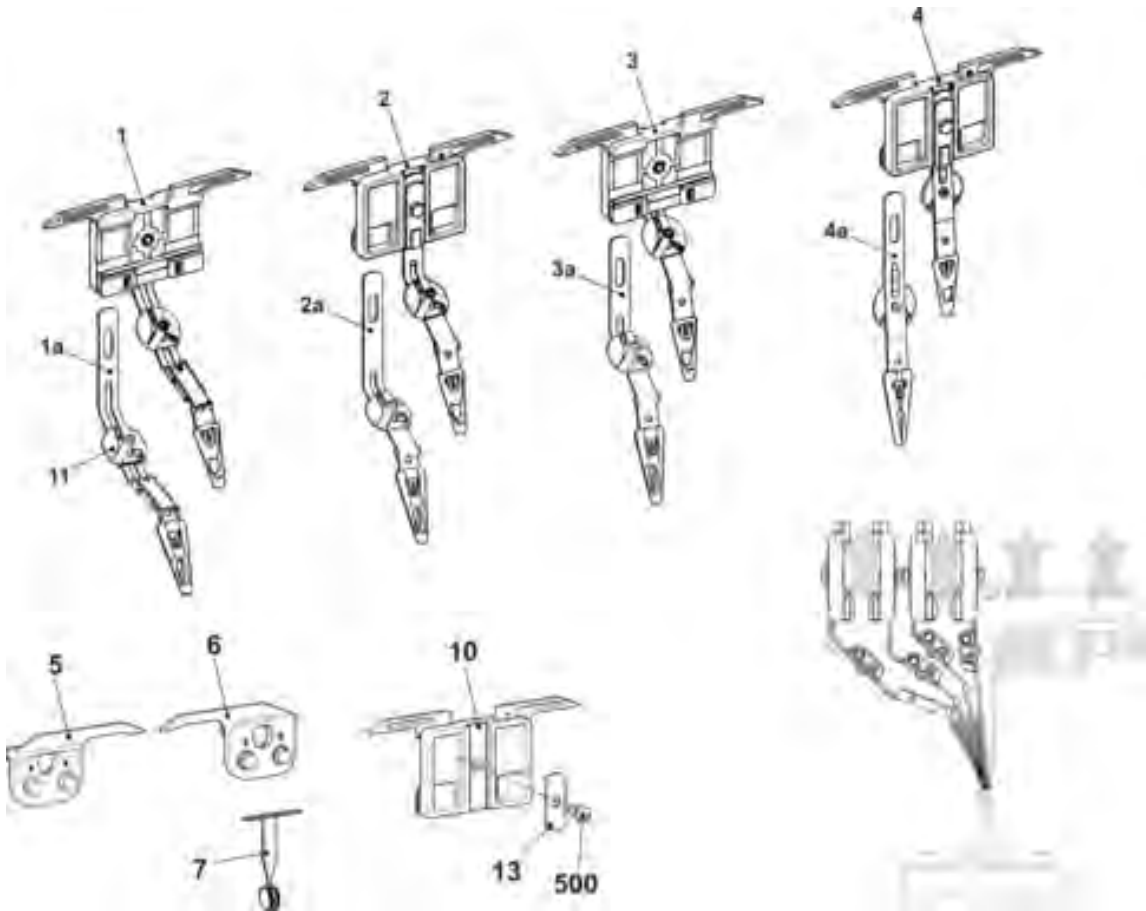
9.7 Bobbin board

Pos	Designation		Id. no.	Pos	Designation		Id. no.
Σ	Table complete 84"		240 681				
1	Table		251 246		540	Sheet metal screw ST2,2x9,5-F	263 824
4	Support element		228 594	15	Positioning pin		204 819
7	Magnet switch safety door		219 983	20	Energy chain display 38 links		253 888
8	Magnet switch safety door		220 159	37	Cable USB extension 84 okc		243 070
10	Guide rail at the top complete		240 684	40	Slot nut		228 851
14	Lamp LED complete2400		263 678	42	Support of left feed wheel		250 966
	14a	Card LED-module	263 642	43	Support of right feed wheel		250 967
	14b	Support profile of lamp	263 677	504	Pan head screw M8x16		023 113
	14c	Support right	263 645	516	Pan head screw M3x8		023 251
	14d	Support on the left	263 646	518	Pan head screw M8x18		251 331
	14e	Cover	263 647	520	Washer		020 901



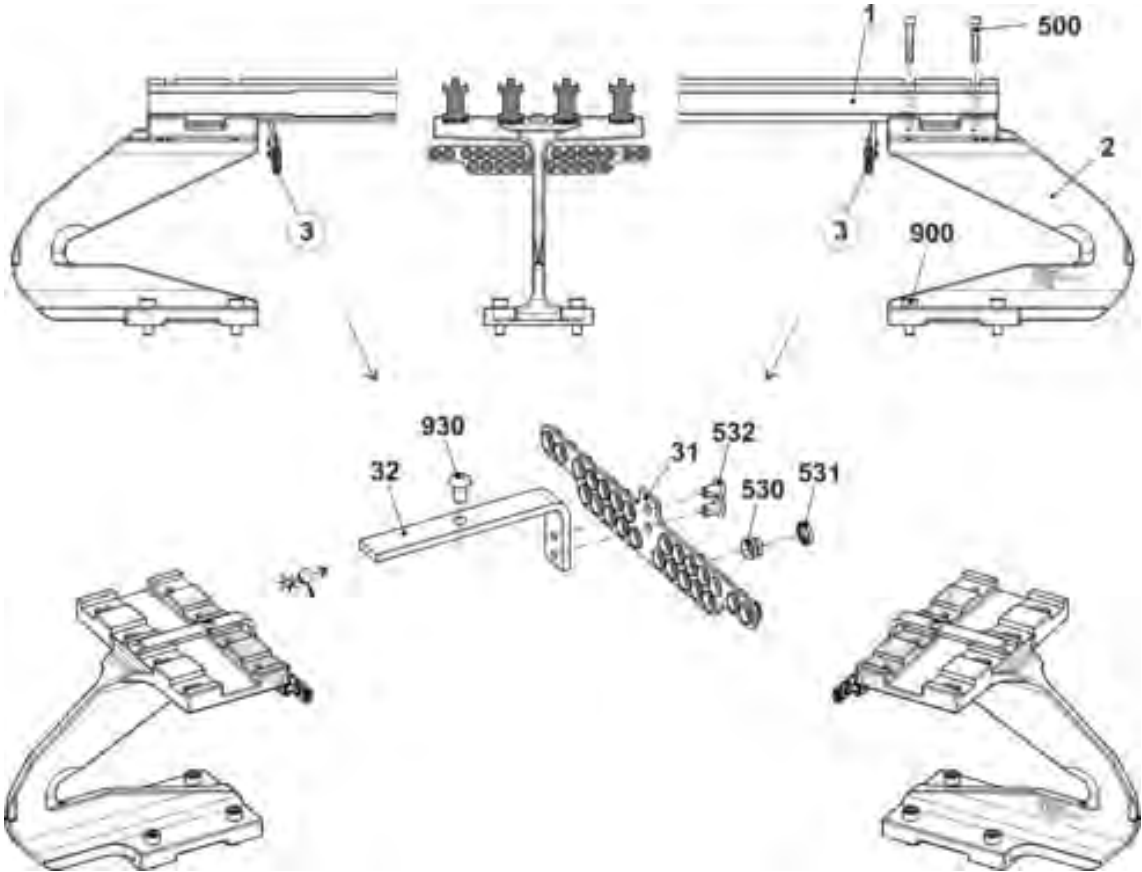
9.8 Yarn guide complete

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



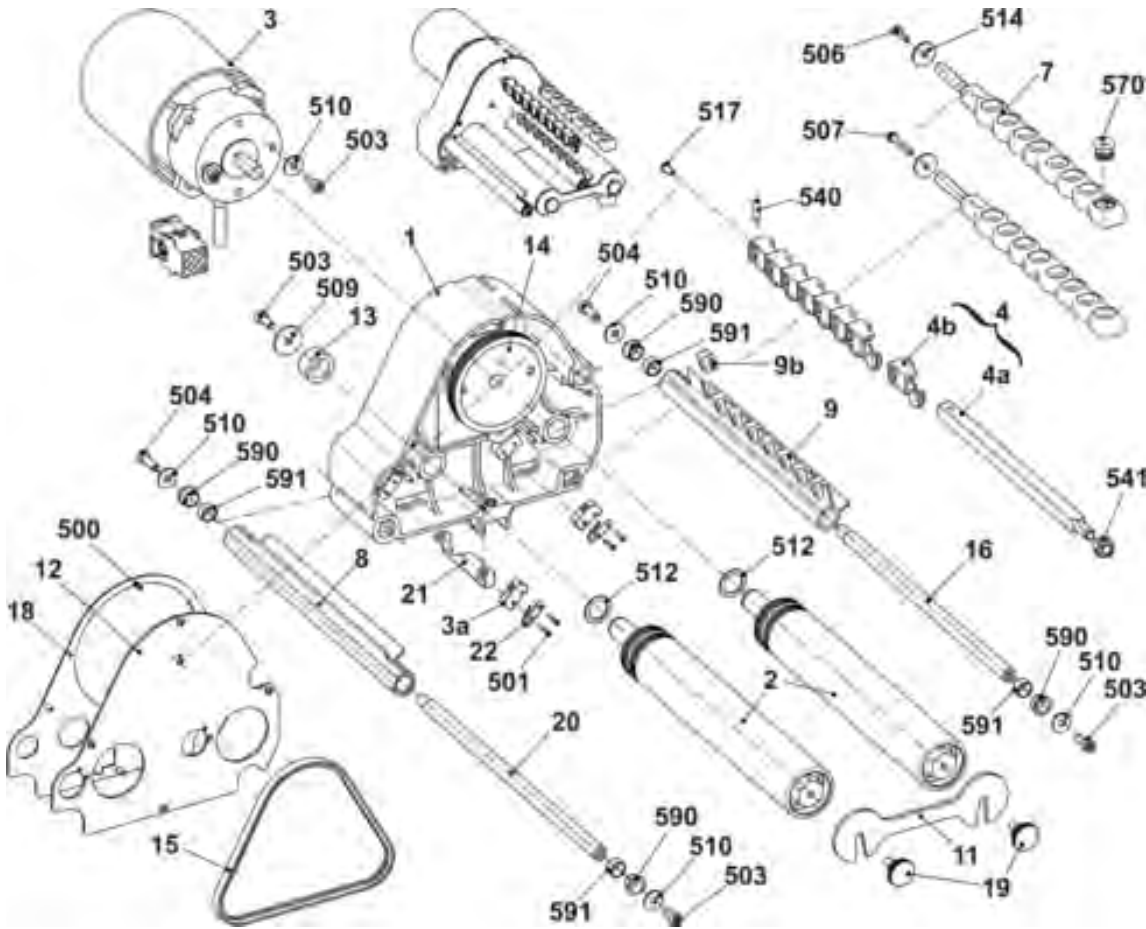
9.9 Bar unit

Pos	Designation		Id. no.		Pos	Designation		Id. no.
Σ	Bar unit		244 103		530	Eyelet 4,2		021 502
1	Yarn carrier rail		255 467		531	Clamping ring		259 606
2	FF support		253 674		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



9.10 Left friction feed wheel

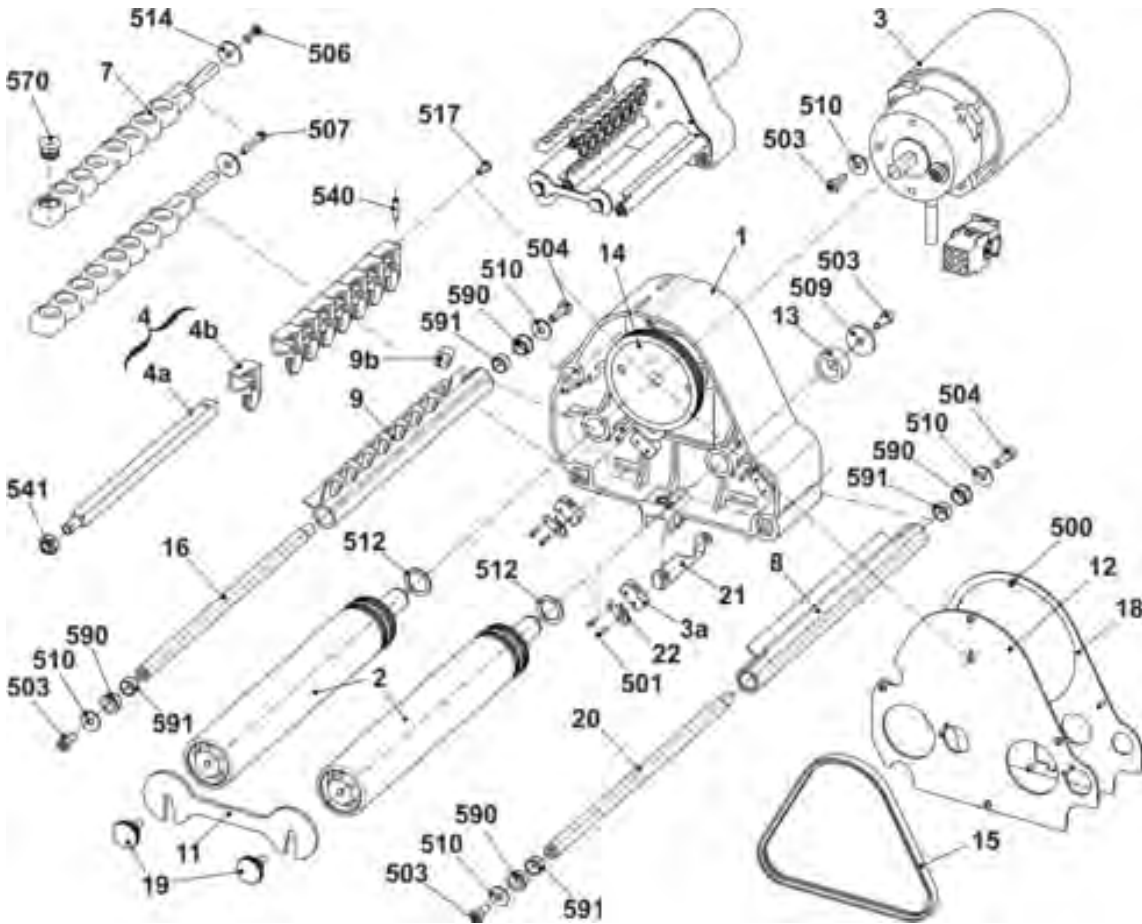
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571	14	V-ribbed belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase AC motor complete		219 800	18	Cover		230 758
	3a	Microswitch	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				



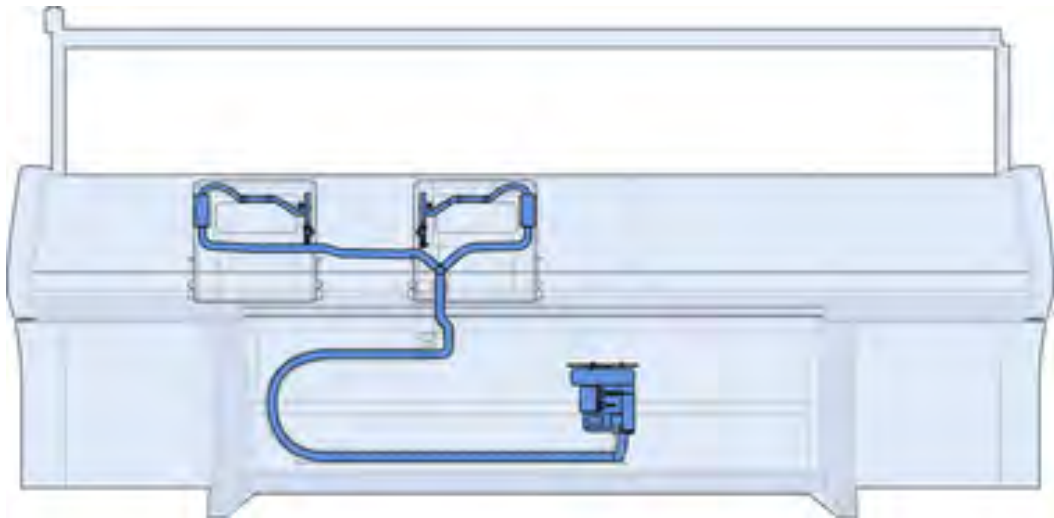
9.11 Right friction feed wheel

9.11 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				

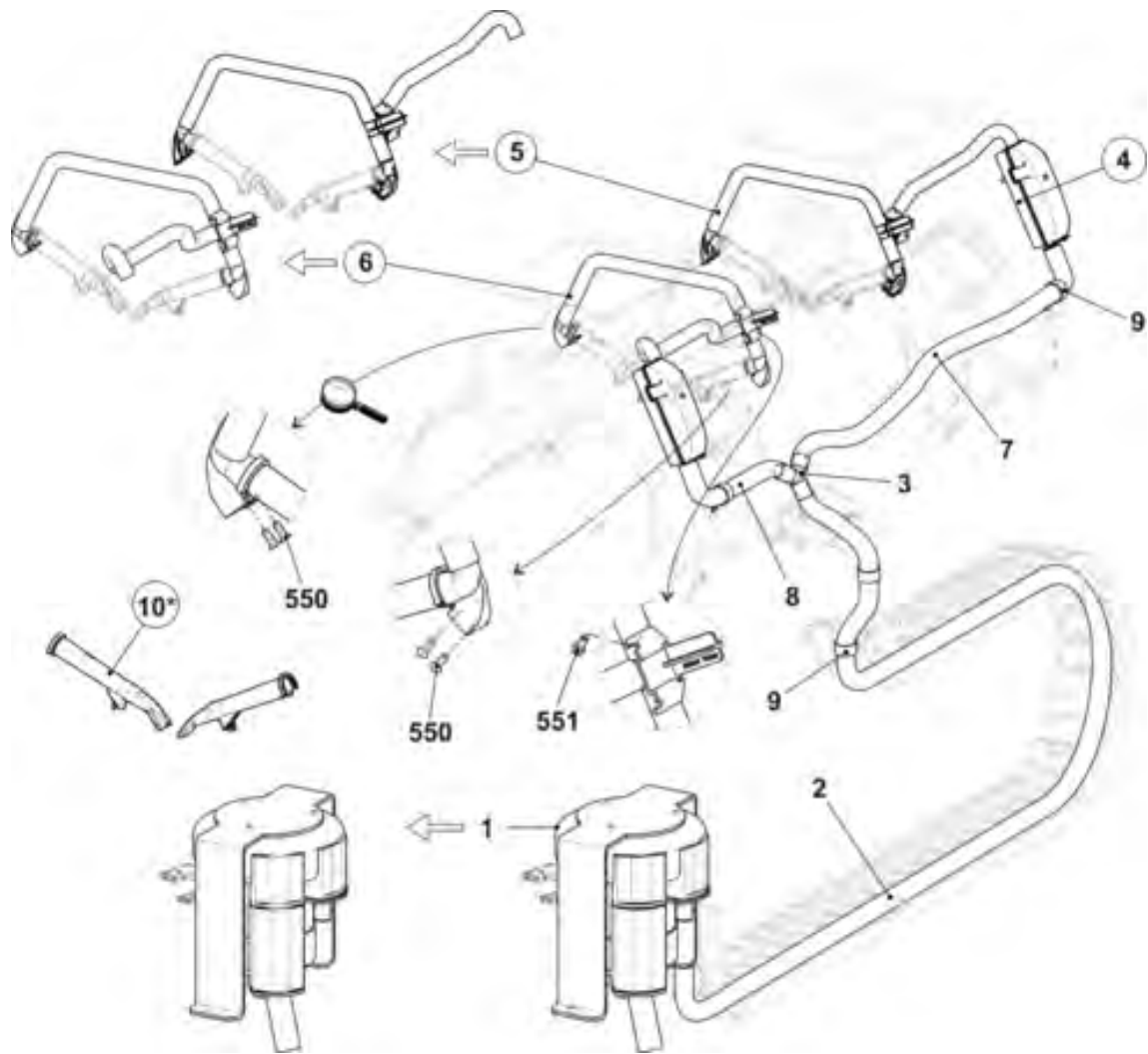


10 Fluff absorption



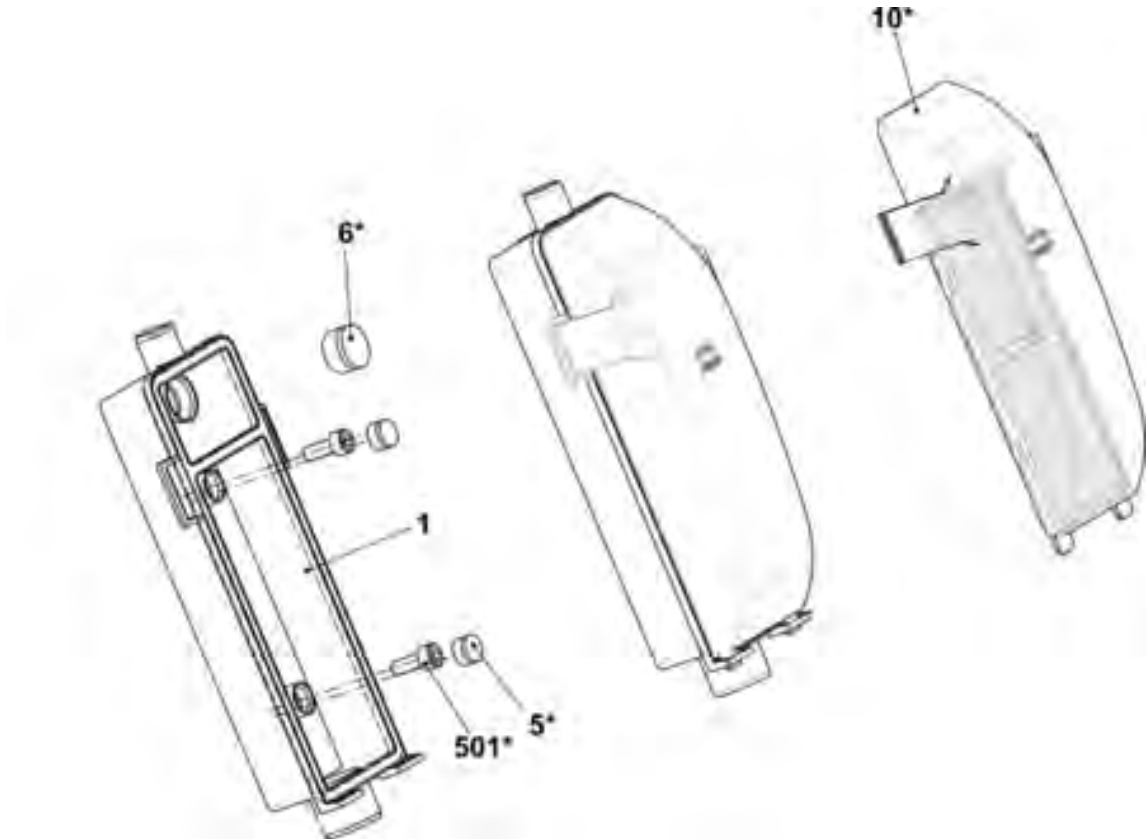
10.1 Fluff absorption

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Fluff absorption			7	Suction hose 29x25x1170	257 993
1	Suction fan complete	251 332		8	Suction hose 29x25x350	252 746
2	Suction hose 29x25x2850	252 747		9	Hose clip	214 653
3	Hose connector 25 mm	245 011		10*	Suction tube complete 822 E5-14	251 312
4	Lint container	245 024			Suction tube complete 822 E16-18	251 313
5	Set of hose on the left complete 822	255 070		550	Countersunk head screw M4x8	251 011
6	Set of hose on the right complete 822	255 072		551	Cap screw M4x8	022 501



10.1.1 Lint container

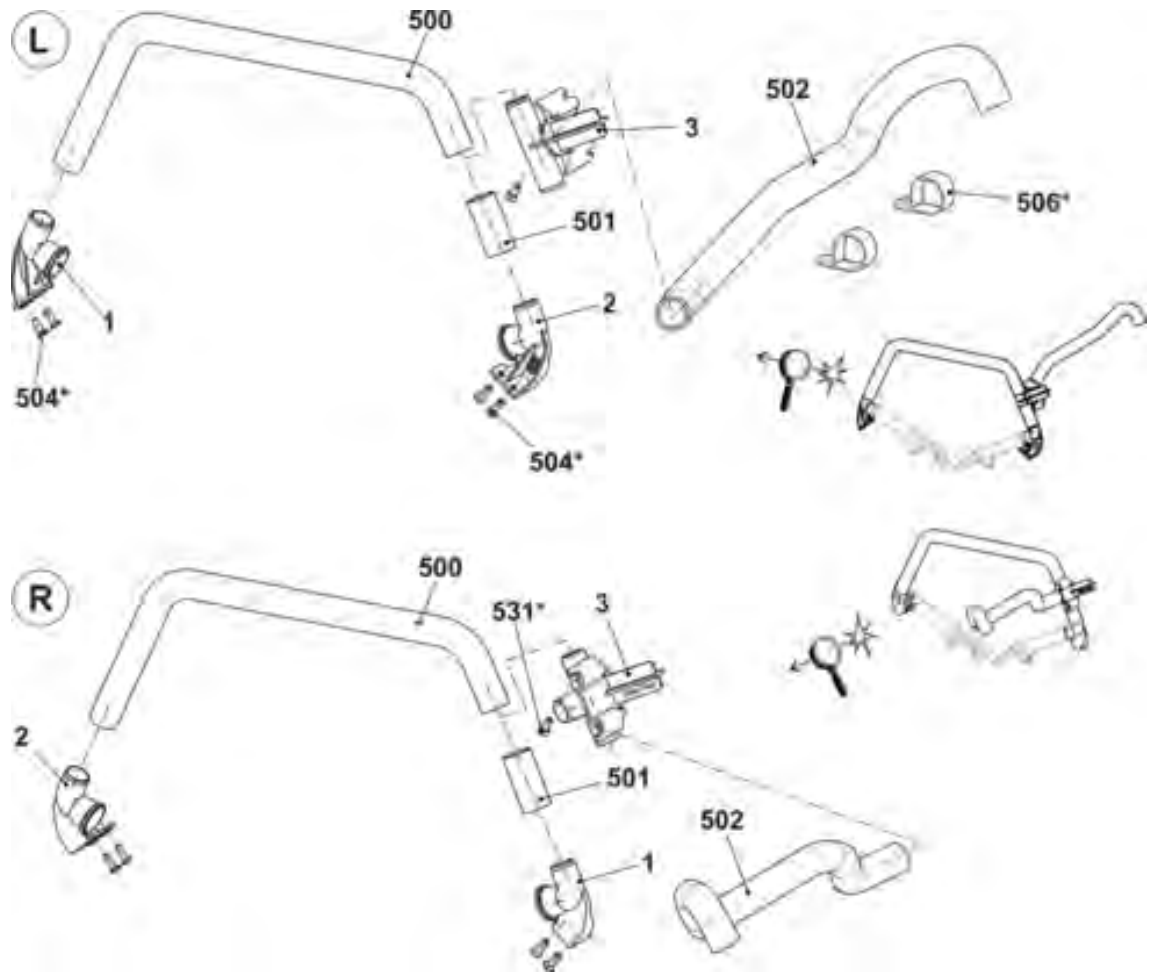
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screwM6x10	023 690



10.1 Fluff absorption

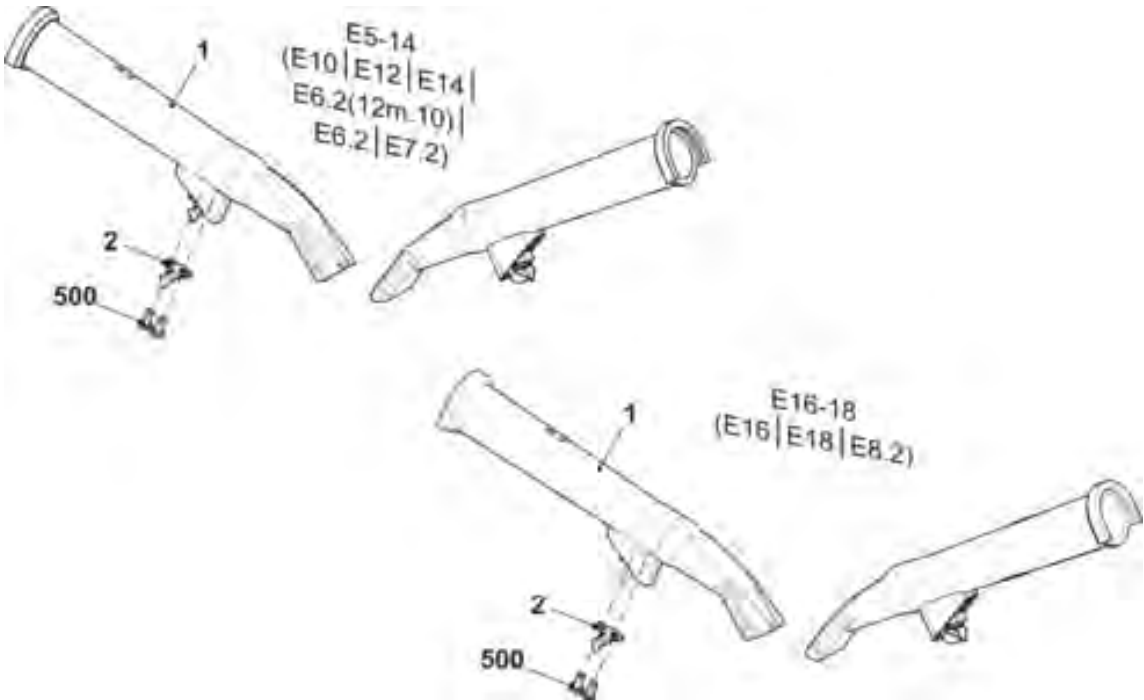
10.1.2 Set of hose on the left and right

Pos	Designation	Id. no.		Pos	Designation	Id. no.
L	Set of hose on the left complete 822 5Z	255 070				
R	Set of hose on the right complete 822 5Z	255 072		501	Suction hose 20x16x40	251 043
1	Angle connection on the right	250 121		502	Suction hose 20x16x370	255 071
2	Angle connection on the left	251 101		504*	Countersunk head screw M4x8	251 011
3	Connection piece FLENT	245 022		506*	Cable clip	250 051
500	Suction hose 20x16x400	244 983		531*	Cap screw M4x8	022 501



10.1.3 Suction tube

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Suction tube complete E5-14	251 312		Σ	Suction tube complete E16-18	251 313
1	Suction tube	255 386		1	Suction tube	255 605
2	Bracket	255 628		2	Bracket	255 628
500	Screw KB30x6	241 424		500	Screw KB30x6	241 424



Notes:

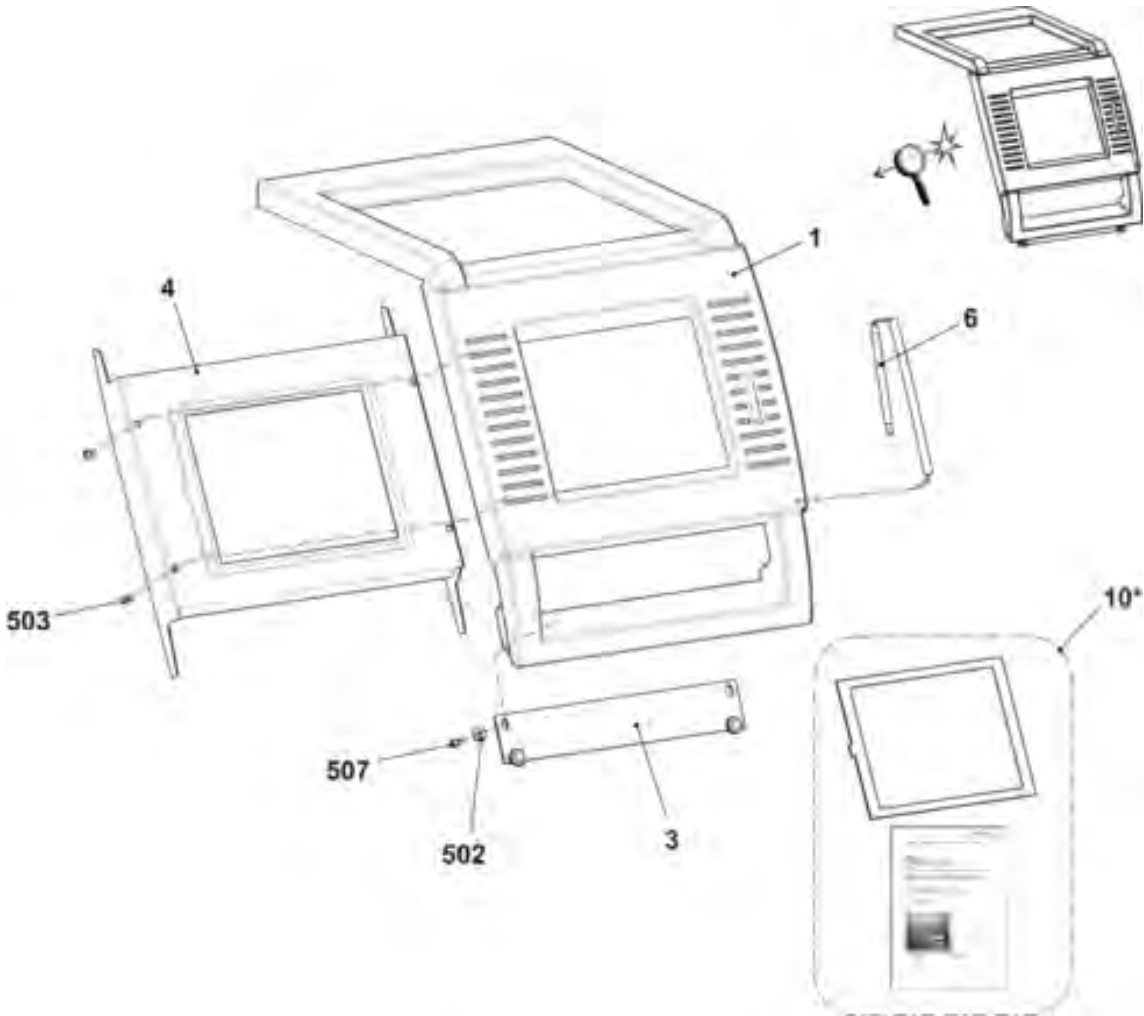
11 Operation and control



11.1 Input unit

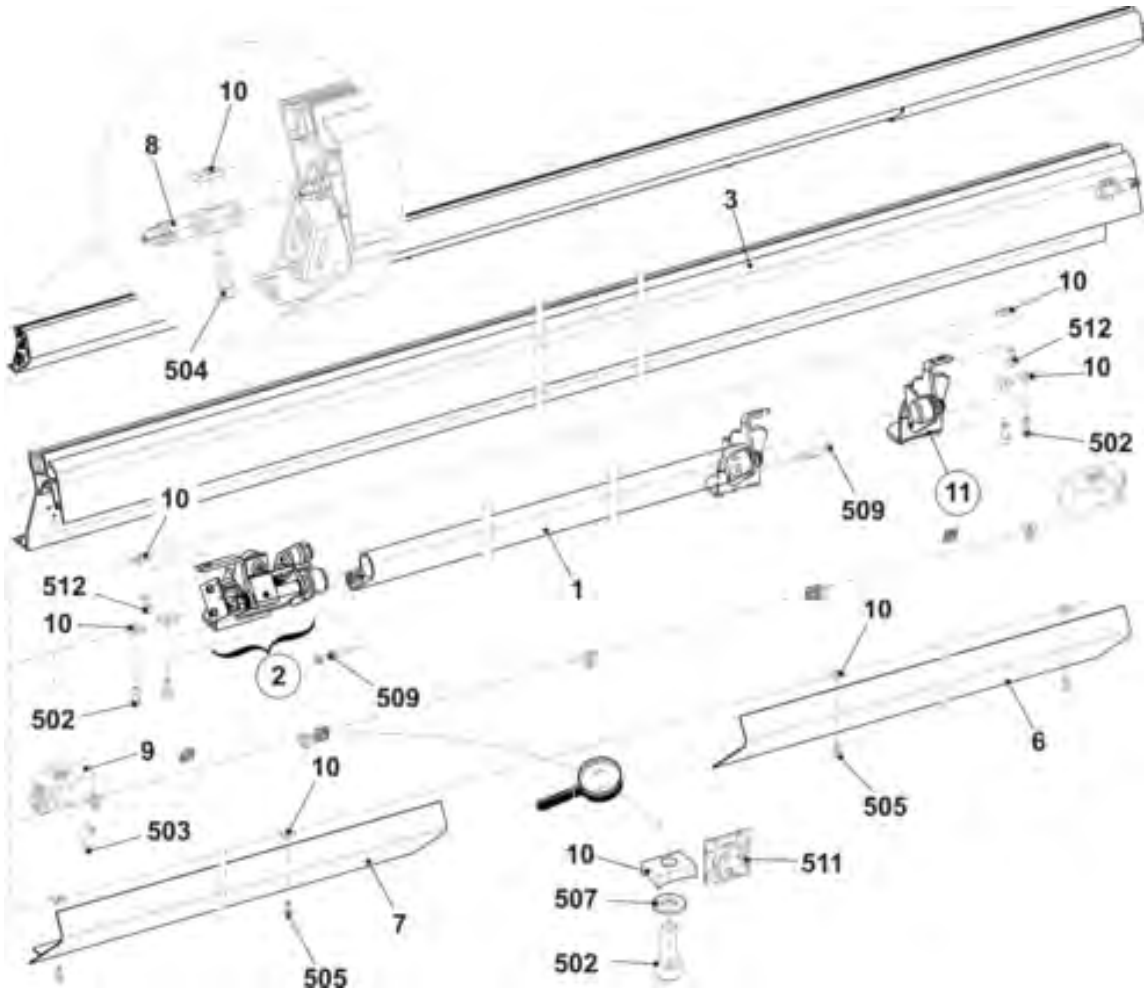
11.1 Input unit

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

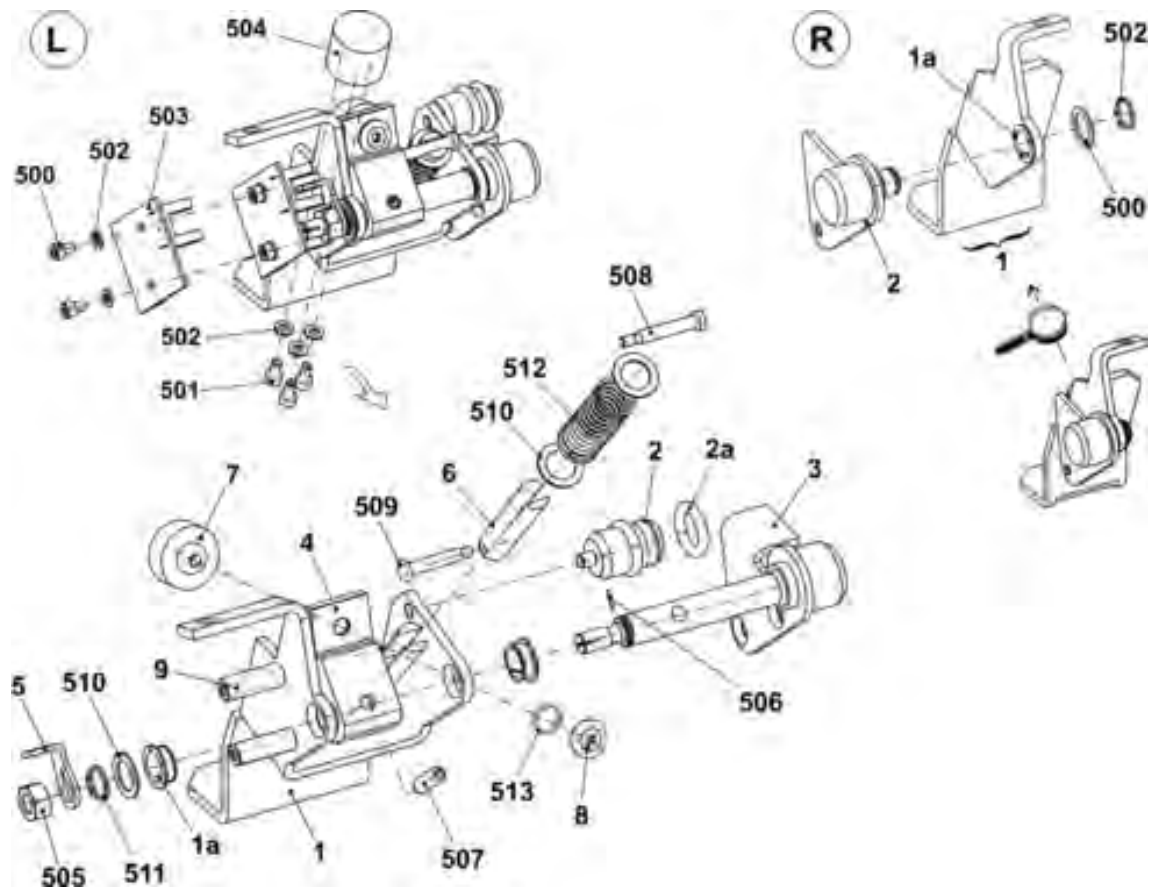
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Starting device complete	241 039		11	Bearing on the right complete	252 964
1	Engaging rod	241 030		502	Cap screw M6x16	020 135
2	Bearing on the left complete	250 071		503	Pan head screw M5x14	023 588
3	Guide rail at the bottom complete	257 540		504	Cap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



11.2 Starting device

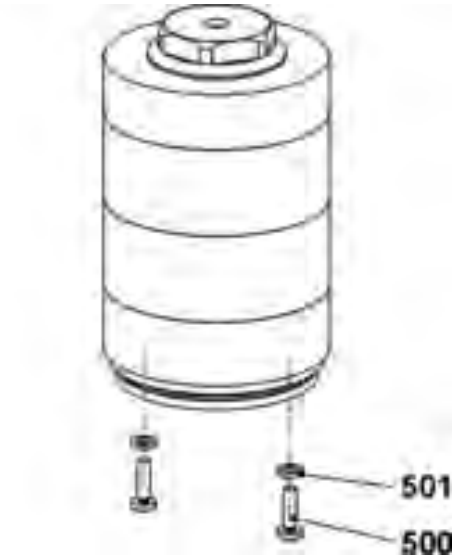
11.2.1 Bearing of the engaging rod

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM 12-04	023 639	506	Dowel pin 1,5x8	236 923
2	Support of buffer	220 561	507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237	508	Shoulder screw M4x24,8x7,7	240 299
3	Shaft on the left	245 219	509	Shoulder screw	251 316
4	Rotor	253 776	510	Shim ring 12x18x1	023 315
5	Switch flag	245 220	511	Retaining ring 12x1	020 951
6	Spring mandrel	251 340	512	Compression spring 1,25x15x98,2	023 609
7	Disk	245 222	513	Compression spring 0,5x11x12	251 369
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067	1	Bearing on the right	240 230
501	Cap screw M4x8	022 501	1a	Clip bearing MCM 12-04	023 639
502	Shim ring 4x8x1	023 369	2	Shaft on the right	242 888
503	Card engaging	259 000	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Retaining ring 12x1	020 951



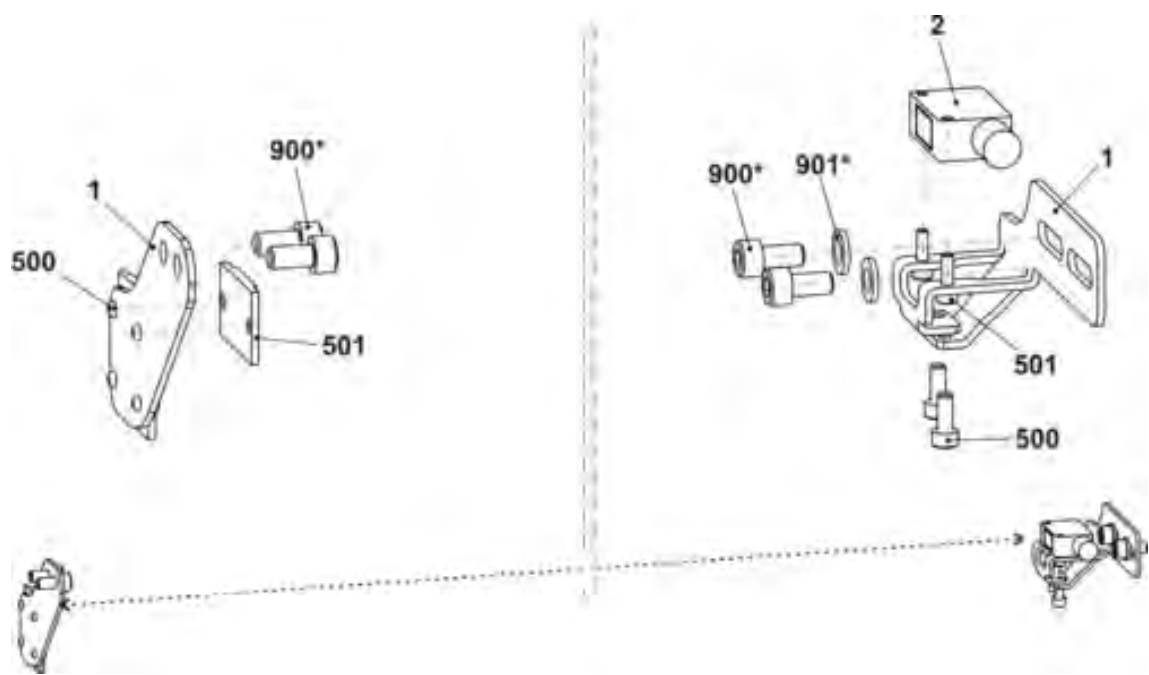
11.3 Signal light

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



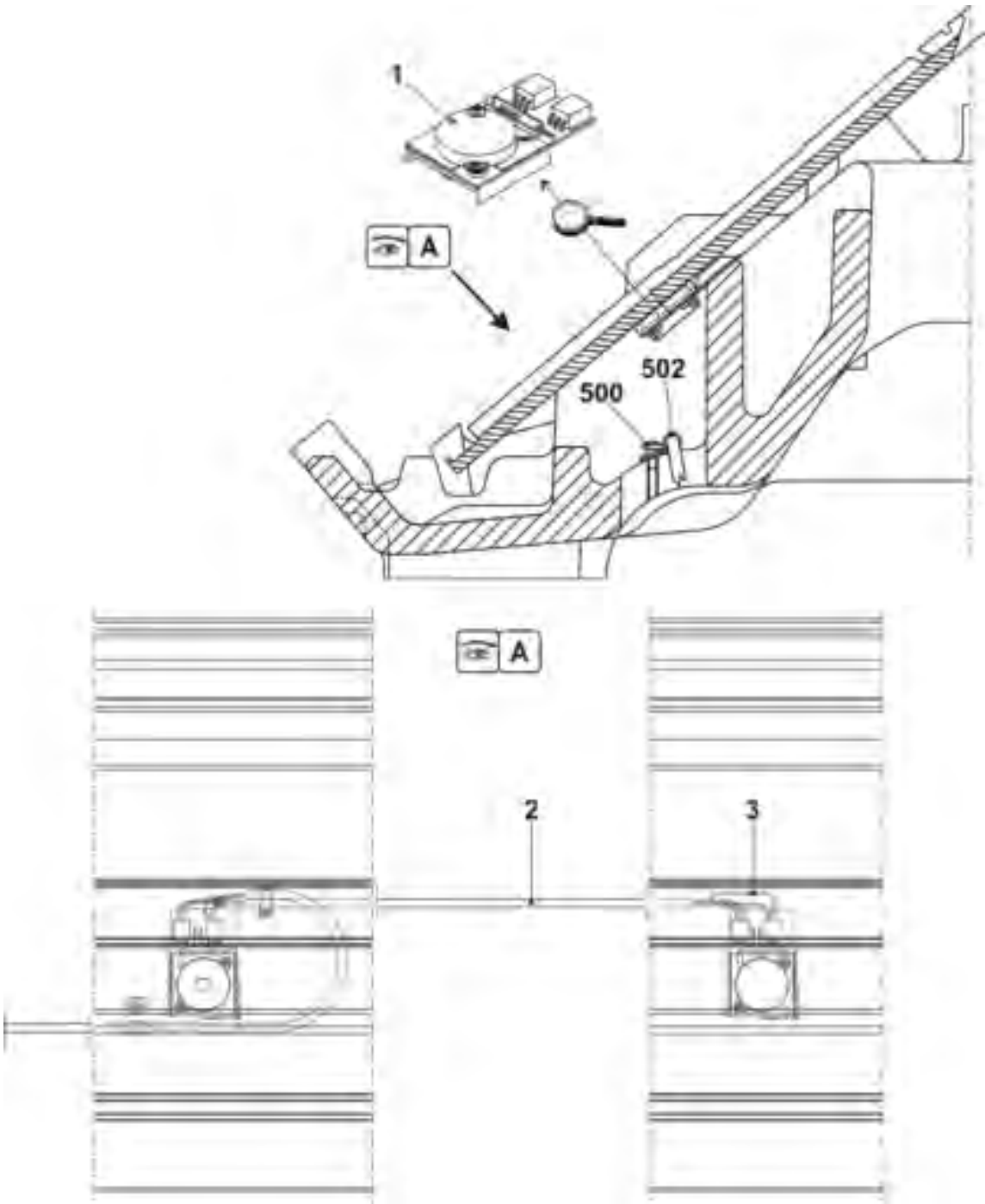
11.4 Collecting area - control

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Reflector complete	261 374		Σ	Holding angle light barrier	257 409
1	Mounting plate reflector	261 375		1	Holding angle	256 806
500	Blind rivet A3x8-Al	023 158		2	Light barrier W100-P4330	243 355
501	Reflector 20x20 mm	243 356		500	Cap screw M4x10	023 136
900*	Cap screw M6x12	020 134		501	Cap screw M3x10	022 991
				900*	Cap screw M6x12	020 134
				901*	Washer6	020 872



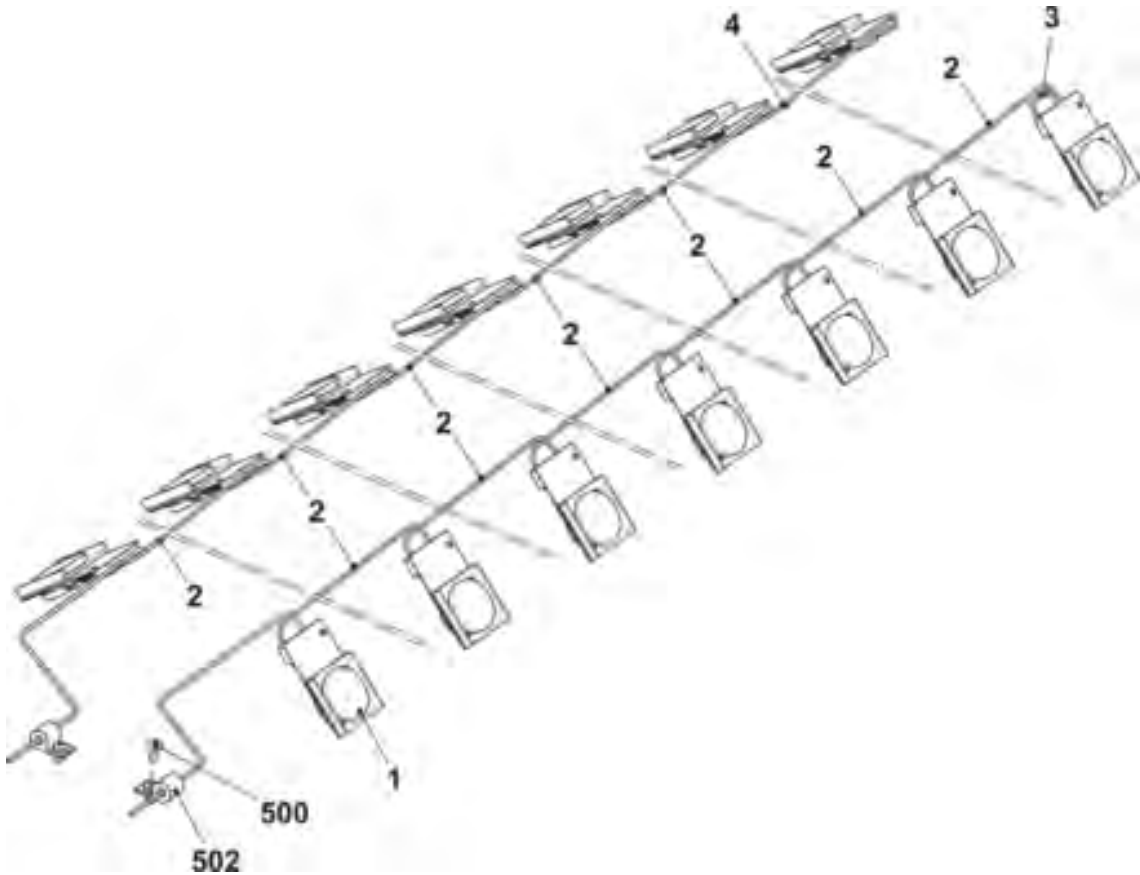
11.5 Shock stop motion
E10|E12|E14|E6.2|E7.2|E6.2(12m.10)

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Shock stop motion complete E3	223 947		3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011		500	Pan head screw M4x8	023 036
2	Connecting cable piezo sensor	220 061		502	Cable clip N-3B, 5 mm	210 729



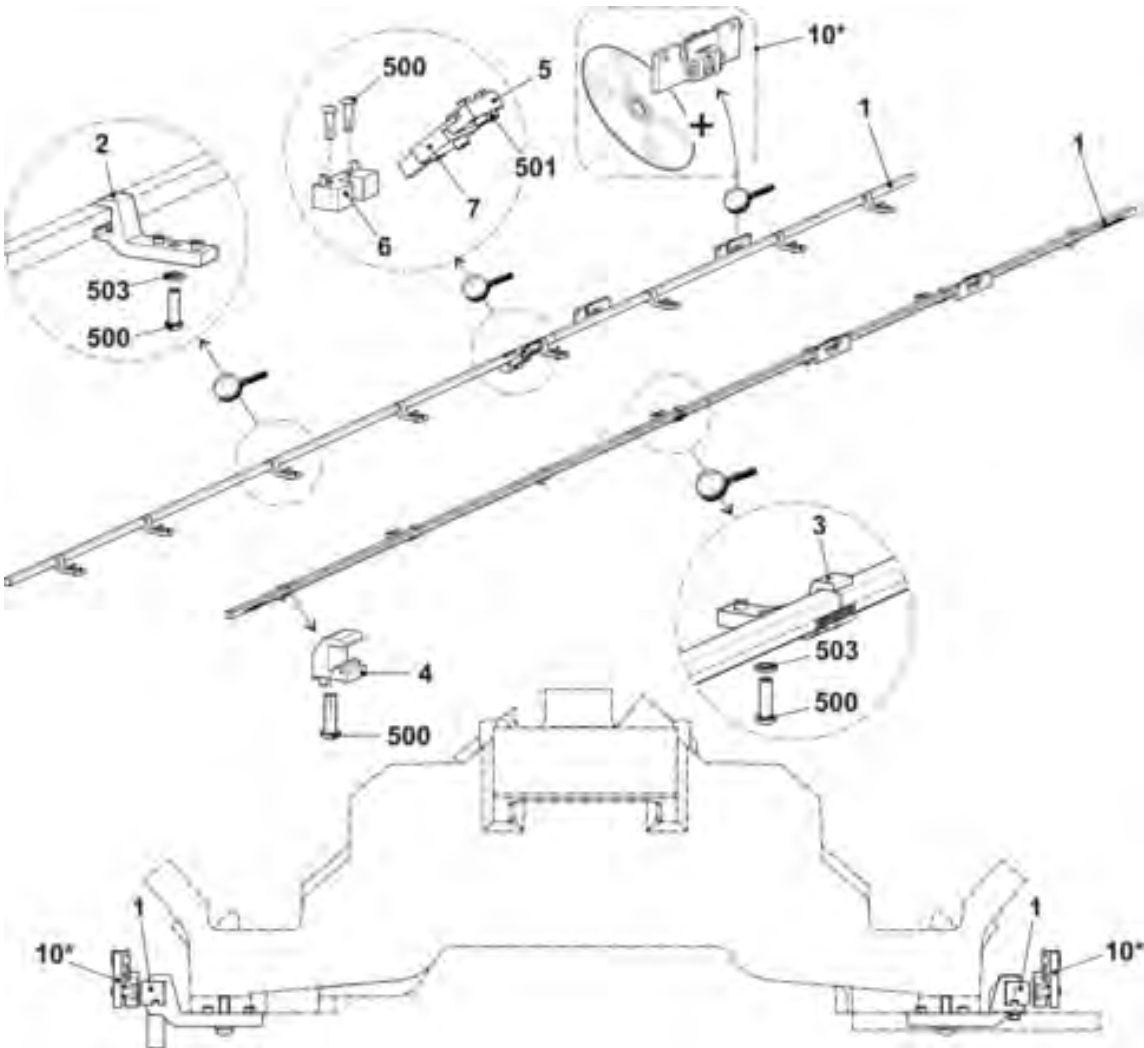
11.6 Shock stop motion E16 | E18 | E8.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Shock stop motion complete E16-18	250 386			
1	Shock stop motion (Piezo)	220 011	4	Cable connection piezo	250 292
2	Cable connection piezo	250 293	500	Pan head screw M4x8	023 036
3	End plug piezo sensor	220 053	502	Cable clip N-3B, 5 mm	210 729



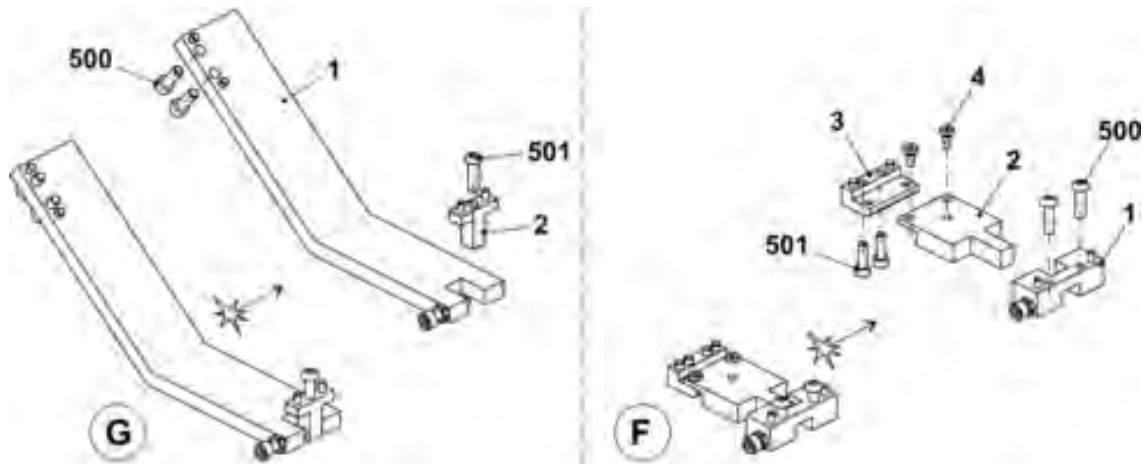
11.7 Measuring device

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Measuring device					
1	Measuring bar	258 308		7	Plunger	244 536
2	Guide	212 210		8	Shoulder screw	209 790
3	Guide	240 672		10*	Spare parts package impulse sensor GLM	259 613
4	Clamp	212 203		500	Pan head screw M6x20	241 603
5	Stop point	244 537		501	Cap screw M5x16	022 726
6	Bearing fork	244 535		503	Washer6	020 881

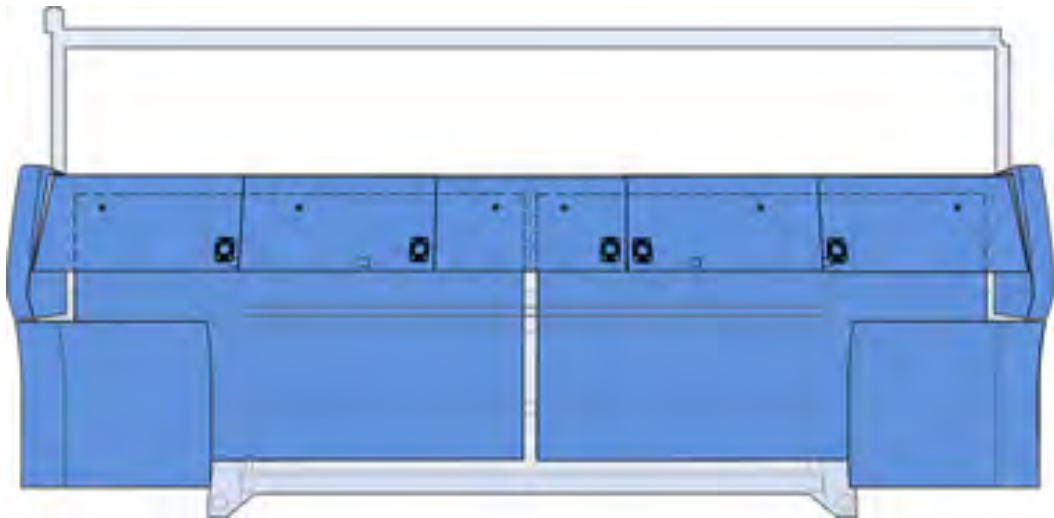


11.8 Connection measuring bar

Pos	Designation	Id. no.		Pos	Designation	Id. no.
ΣG	Connection measuring bar coarse (E10)	244 606		ΣF	Connection measuring bar fine (E12 E14 E16 E18 E5.2 E6.2 E7.2 E8.2 mg E6.2(12m.10)	244 608
1	Bearing fork	240 689		1	Bearing fork	244 535
2	Stop point	209 289		2	Plunger	244 536
500	Cap screw M6x16	020 135		3	Stop point	244 537
501	Pan head screw M6x20	241 603		4	Shoulder screw	209 790
				500	Pan head screw M6x20	241 603
				501	Cap screw M5x16	022 726



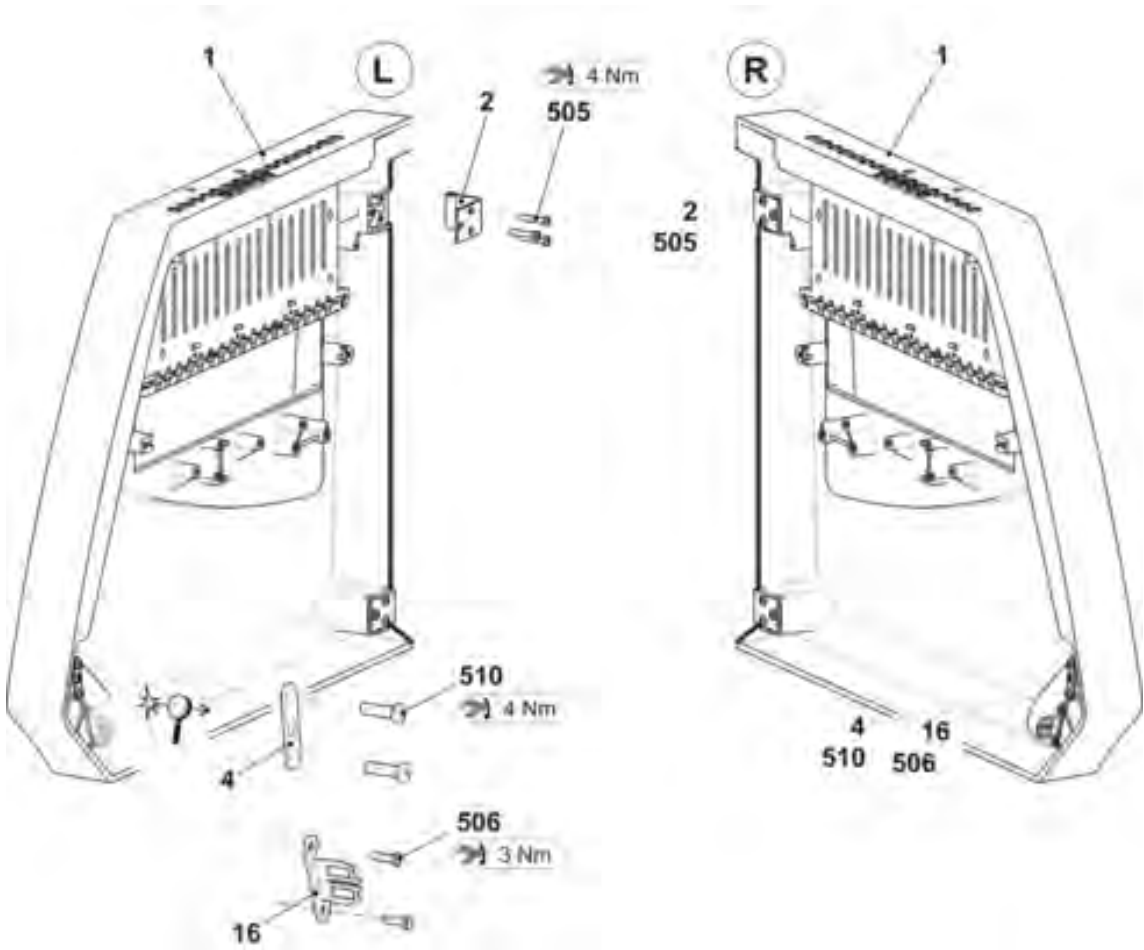
12 Protective devices



12.1 Lateral safety doors

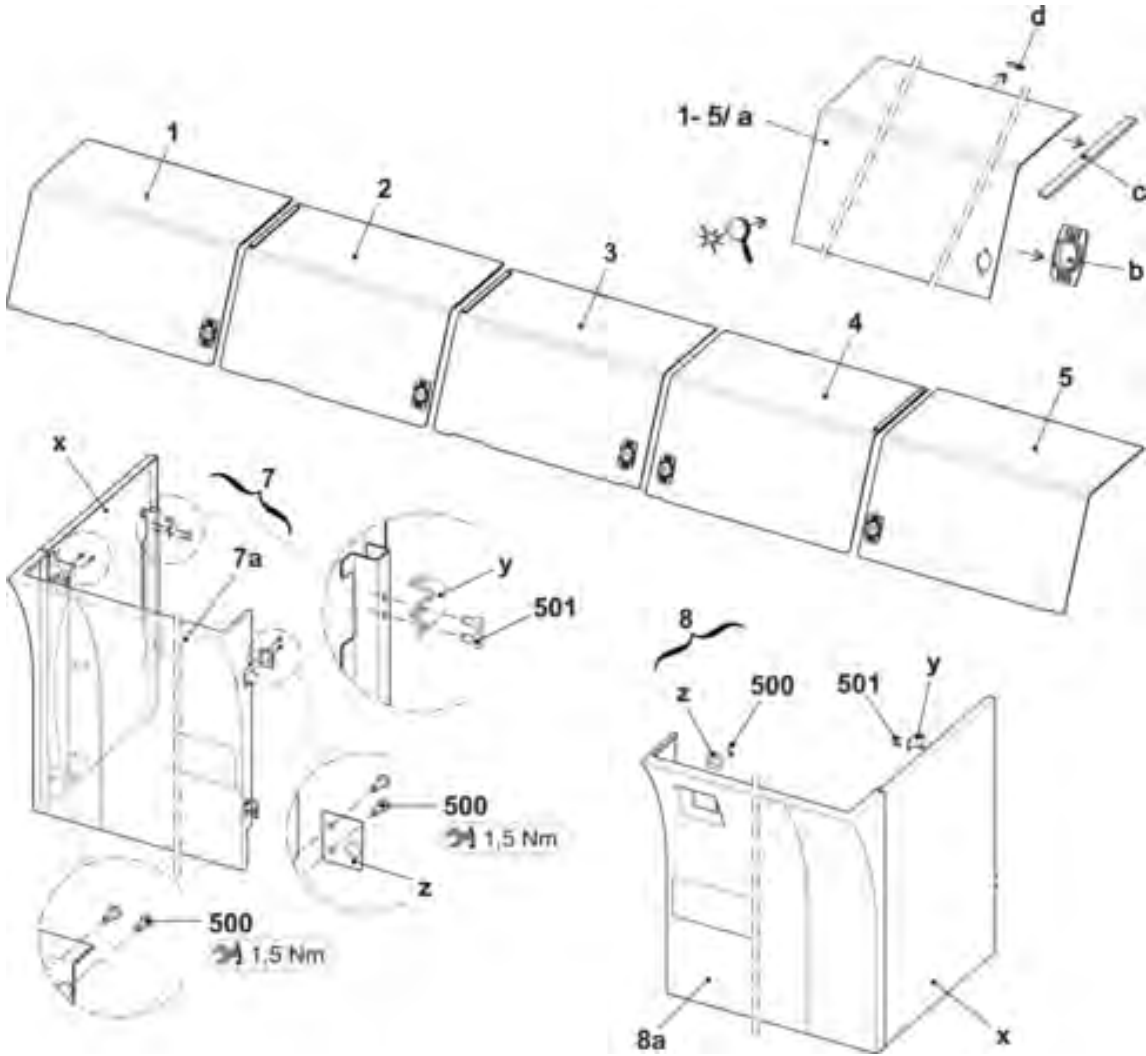
12.1 Lateral safety doors

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	263 939		2	Hinge	263 939
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

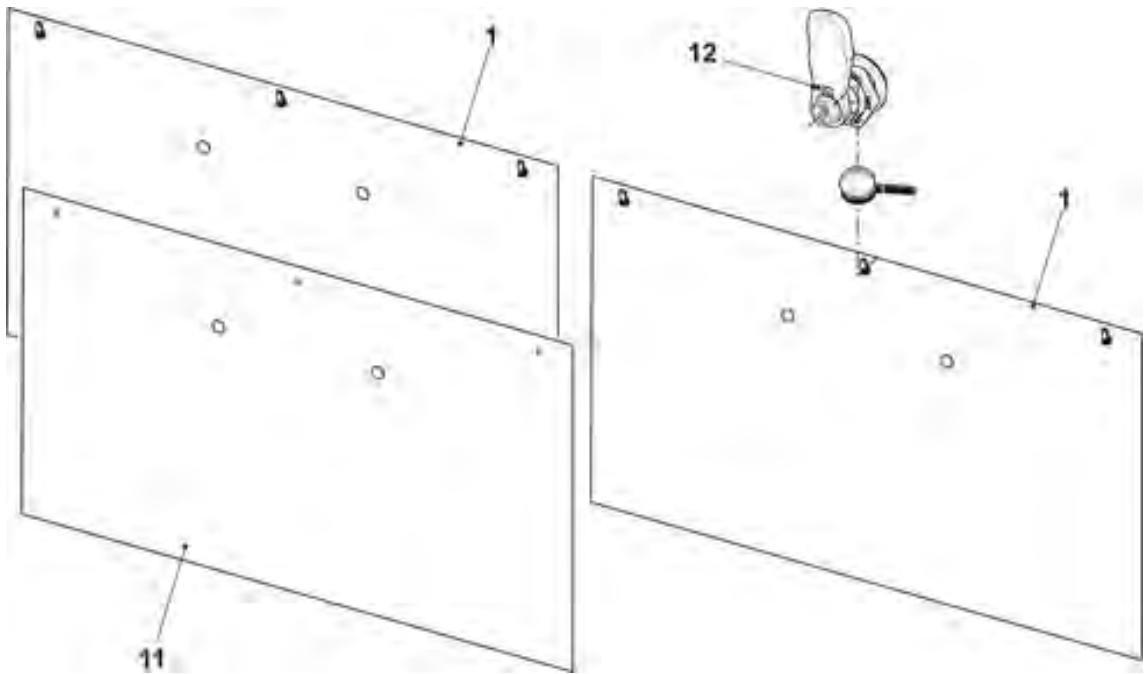
Pos	Designation		Id. no.		Pos	Designation		Id. no.
1	Cover 1 (complete)		257 532		1-5	b	Inlet type handle	251 376
	1a	Cover	257 527			c	Stripper	219 393
2	Cover 2 (complete)		257 533			d	Magnet	255 129
	2a	Cover 2	257 528		7	Control unit panelling on the left complete		251 237
3	Cover 3 (complete)		257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



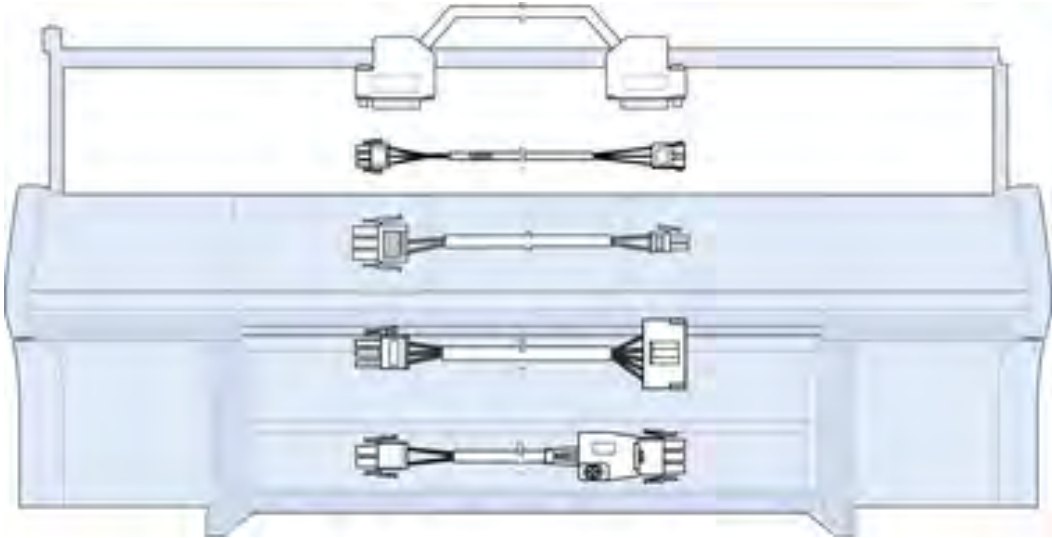
12.3 Rear panel

12.3 Rear panel

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



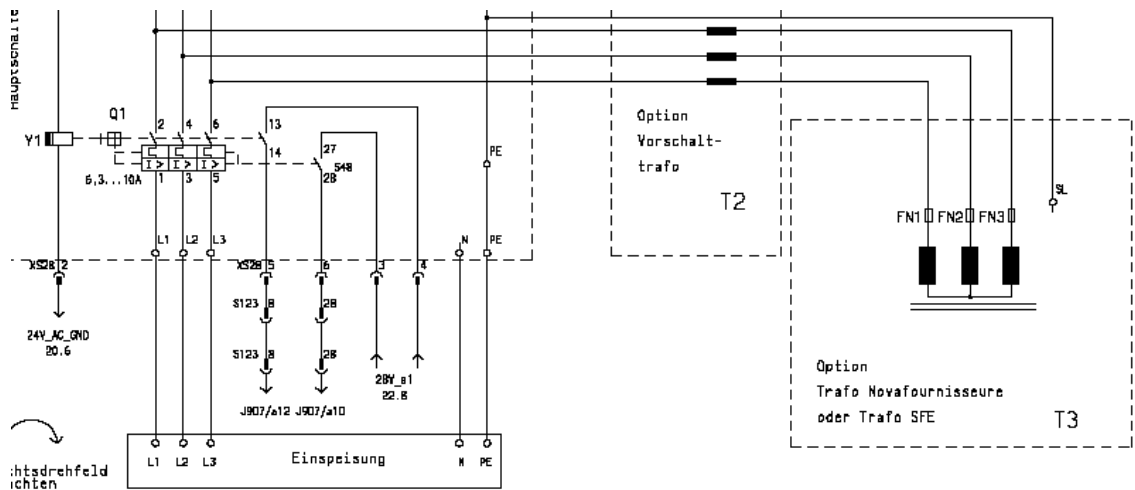
13 Electrical equipment



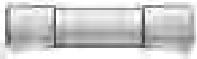
13.1 Circuit diagram (221) as PDF

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

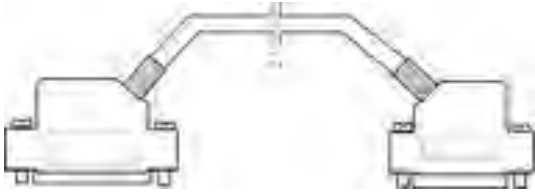
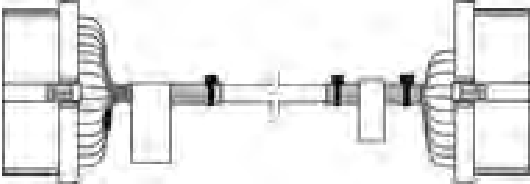
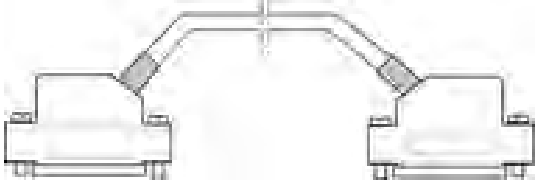
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



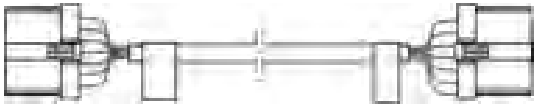
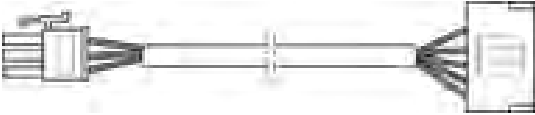
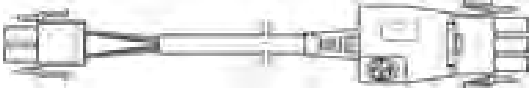
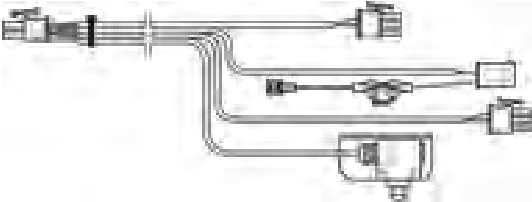
13.2 Fuses

	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

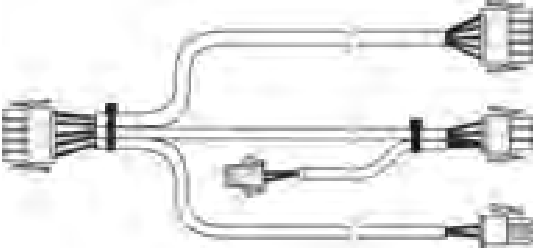
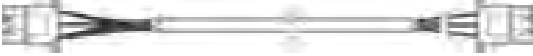
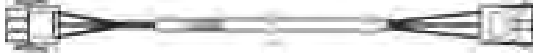
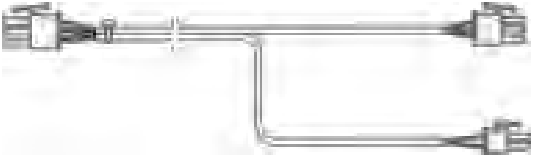
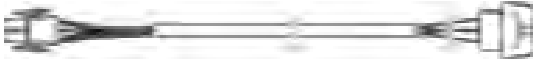
Designation	Id	Designation	Id
Σ Trailing cable set OKC 822 2IMP-2	259 304		
Cable impulse sensor 2 at the rear on the left XL138	259 367	Cable SM rear left XL321	255 195
Cable impulse sensor 2 at the front on the left XL139	259 368	Cable SM front left XL323	255 197
Cable impulse sensor 2 at the rear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

13.4 Cable

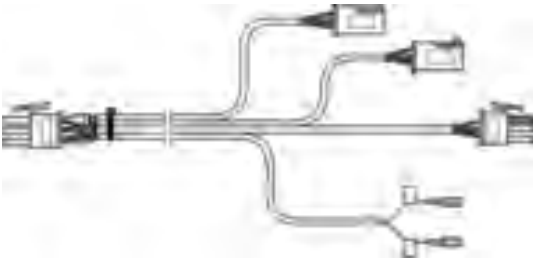
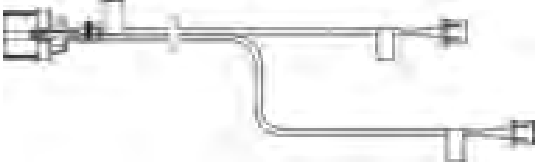
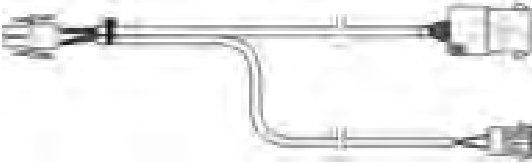
Designation	Id. no.	Designation	Id. no.
Cable Engaging rod OKC	240 289	Cable supply FKE lamp OKC	240 290
			
Cable protective device on the left OKC	253 442	Cable motor HIAB OKC	240 291
			
Cable racking limit switch OKC	240 292	Cable fan drive OKC	240 293
			
Cable Feed wheel on the right OKC	240 294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

13.5 Continuation of cable I

13.5 Continuation of cable I

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

13.6 Continuation of cable II

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

13.6 Continuation of cable II

Notes:

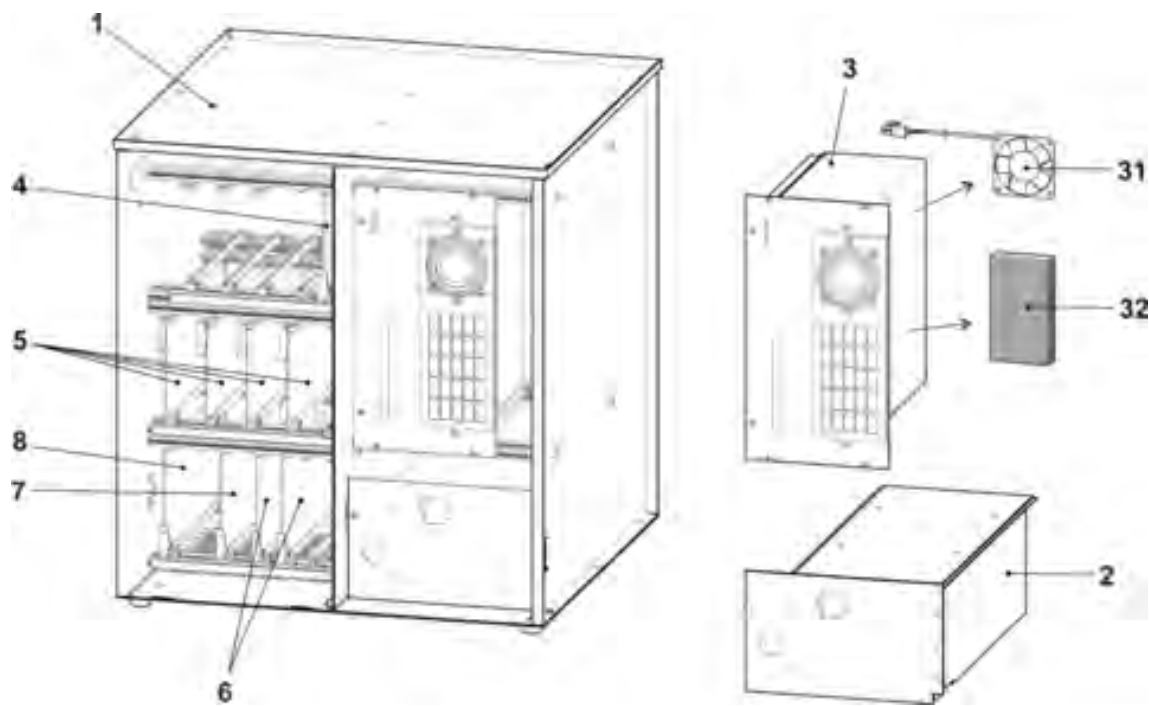
14 Control electronics



14.1 Left control cabinet

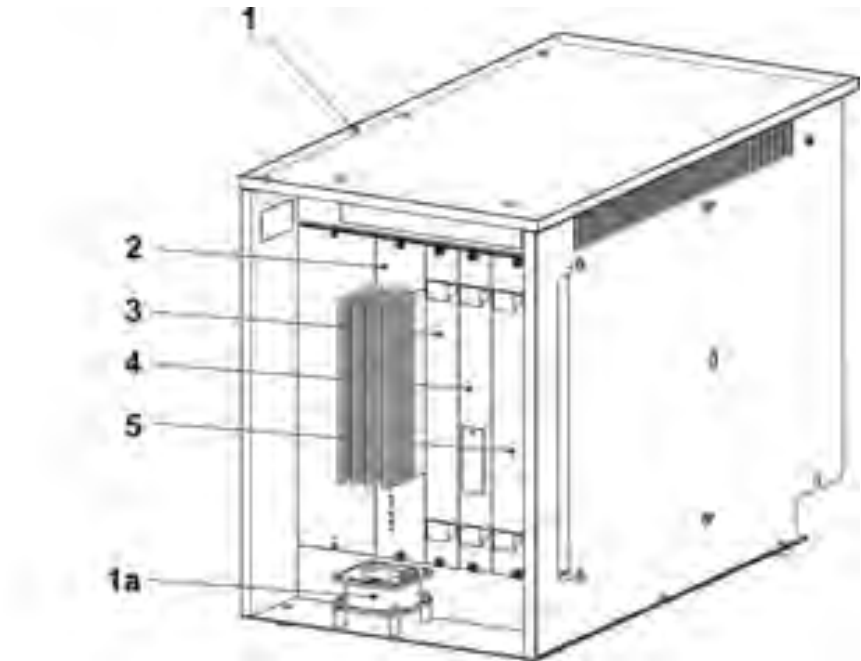
14.1 Left control cabinet

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Control unit on the left complete 822 5/6 inch	254 866				
1	Control unit on the left without any equipment	254 868		4	Card battery OKC	300 951
2	Battery plug-in unit	300 924		5	Card final stages 4SM 7TE	300 943
3	Power supply unit CG54	300 923		6	Card N-CPU 432	300 965
	31 Fan power supply unit	239 305		7	Card Power CPU B	301 009
	32 Filter pad CG54	239 350		8	Card IPC P8X B	301 010



14.2 Right control cabinet

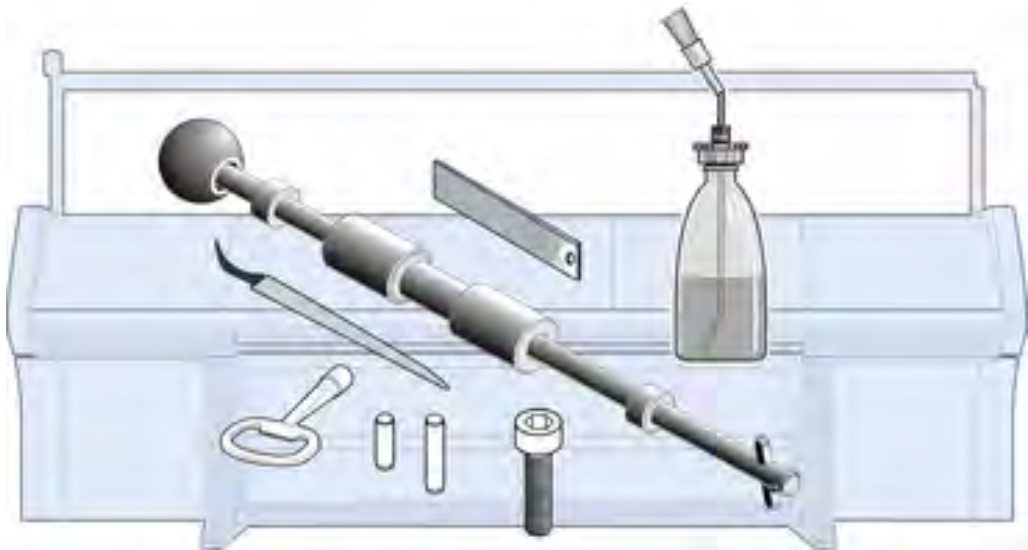
Pos	Designation	Id		Pos	Designation	Id
Σ	Control unit on the right complete 2A PP	260 572				
1	Control unit on the right without any equipment	260 573		3	Card relay okc	300 953
1a	Axial flow fan Servo 5	229 059		4	Card CWAZ	300 929
2	Card Servo 6	301 000		5	Capacitor card CWAZ	300 936



14.2 Right control cabinet

Notes:

15 Deliverable accessories



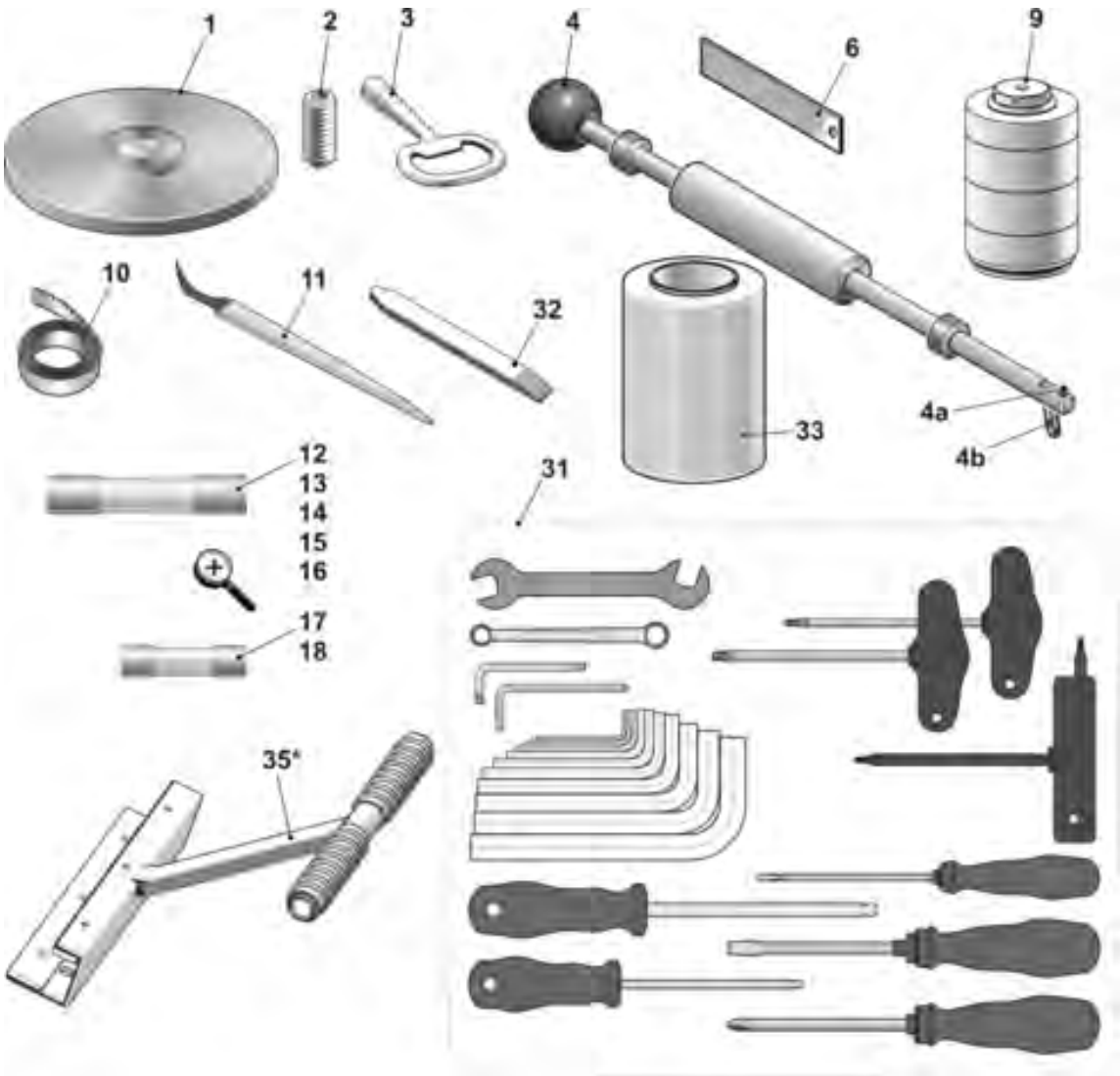
15.1 Fuses

15.1 Fuses

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

15.2 Tool

Pos	Designation	Id		Pos	Designation	Id
1	Shim	056 569				
2	Setscrew M16x40	244 061		13	Fuse 6,3A T/440V 6,3x32	026 809
3	Key of switch cabinet	009 346		14	Fuse 10A T/440V 6,3x32Fuse	025 258
4	Extraction hook	232 027		15	Fuse 2,5A T/440V 6,3x32	217 465
4a	Small pin	202 843		16	Fuse 1A T/440V 6,3x32	209 321
4b	Pencil	232 022		17	Fuse 1,6A T 5x20	008 715
6	Rasp	006 173		18	Micro fuse F1,0A	008 748
9	Signal lightLED	240 395		31	Tool kit	209 527
10	Measuring tape L=150cm	228 180		32	Channel chisel E14-20 (E5-14)	062 316
11	Working hook	227 249		33	Elastic thread	209 266
12	Fuse 3,15A T/440V 6,3x32	025 261		35*	Device needle bed complete	263 625



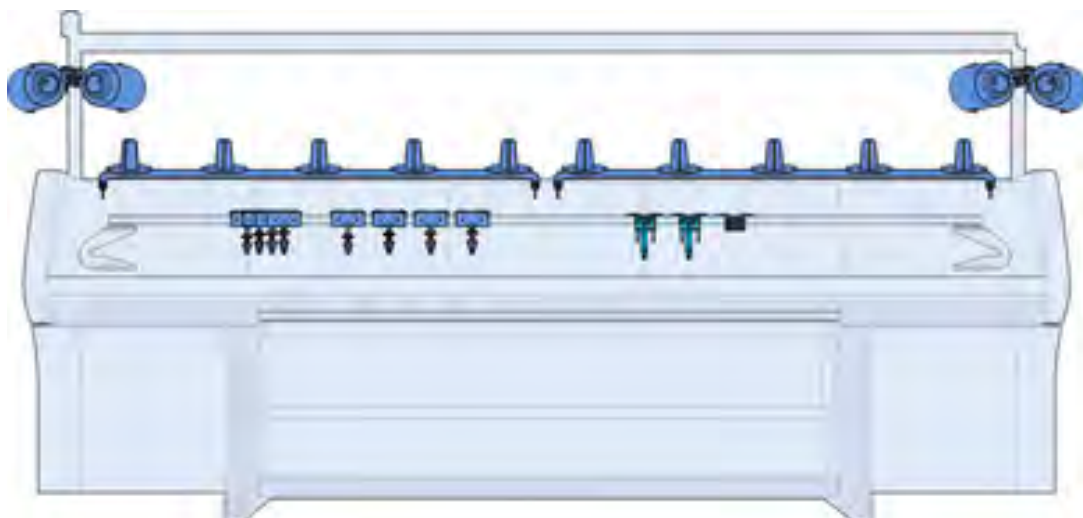
15.3 Lubricating stuff

15.3 Lubricating stuff

Pos	Designation	Id. no.		Pos	Designation	Id. no.
5	Silvertex T 46, 1l	230 614		7	White grease paste OKS270	229 372
6	Grease OKS 475, 150g	005 351		8	Oil combifix	216 732



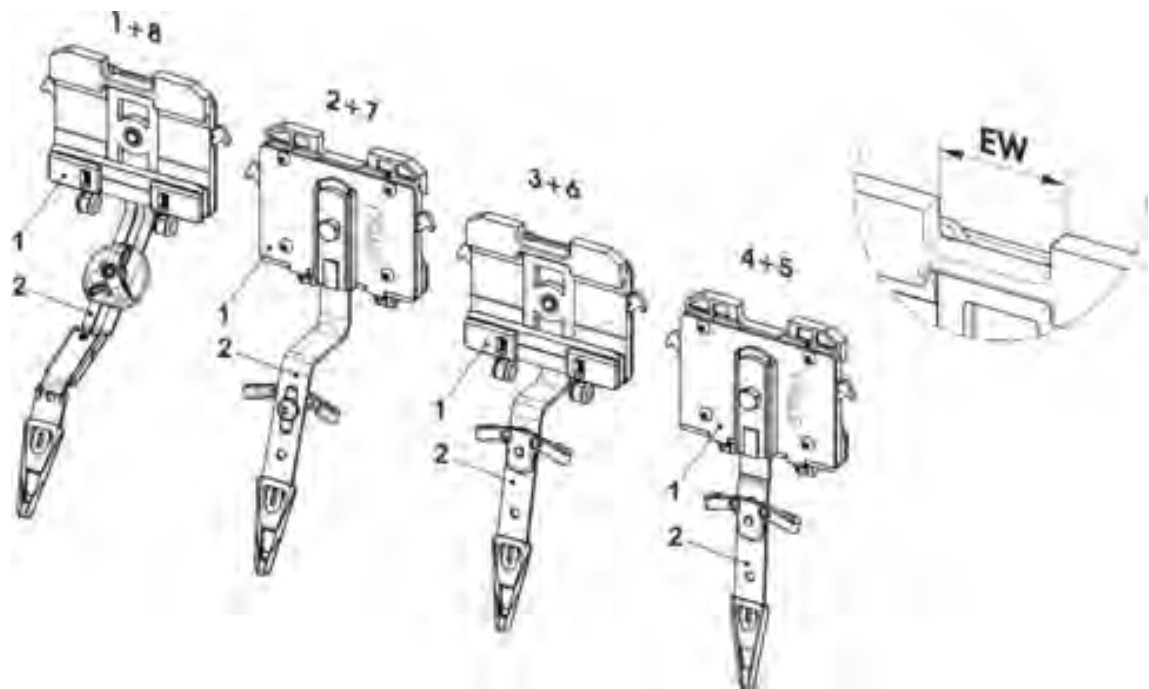
16 Special attachments



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

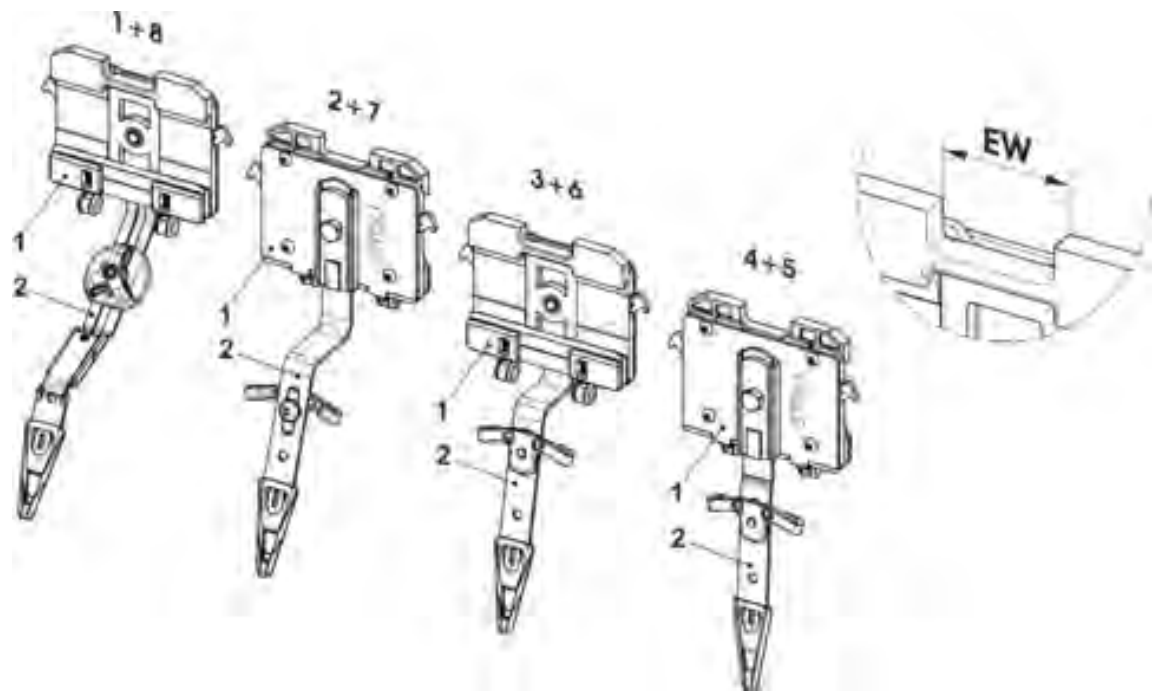
16.1 Yarn carrier type 2, E10 | 12 | E14 | E7.2 | E8.2 | E9.2

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

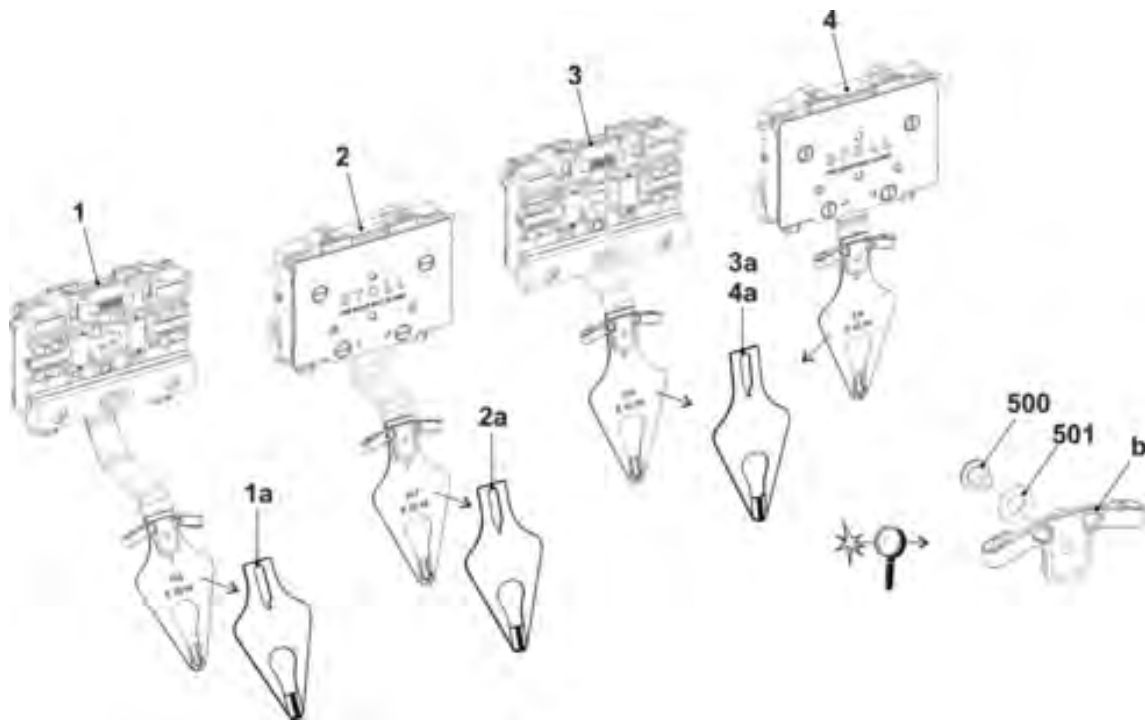
Track	Pos	Designation	ID		Track	Track		ID
1+8		FF carriage 1+8 complete EW 23E16-18	260 047		3+6		FF carriage 3+6 complete EW 23E16-18	260 049
	1	FF carriage EW 23	258 326			1	FF carriage EW 23	258 326
	2	FF bow 1+8 complete E16-18	259 944			2	FF bow 3+6 complete E16-18	259 946
		FF carriage 1+8 complete EW 29E16-18	260 051				FF carriage 3+6 complete EW 29E16-18	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 43E16-18	260 055				FF carriage 3+6 complete EW 43E16-18	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 46E16-18	260 016				FF carriage 3+6 complete EW 46E16-18	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 23E16-18	260 048		4+5		FF carriage 4+5 complete EW 23E16-18	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 29E16-18	260 052				FF carriage 4+5 complete EW 29E16-18	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 43E16-18	260 056				FF carriage 4+5 complete EW 43E16-18	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 46E16-18	260 017				FF carriage 4+5 complete EW 46E16-18	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

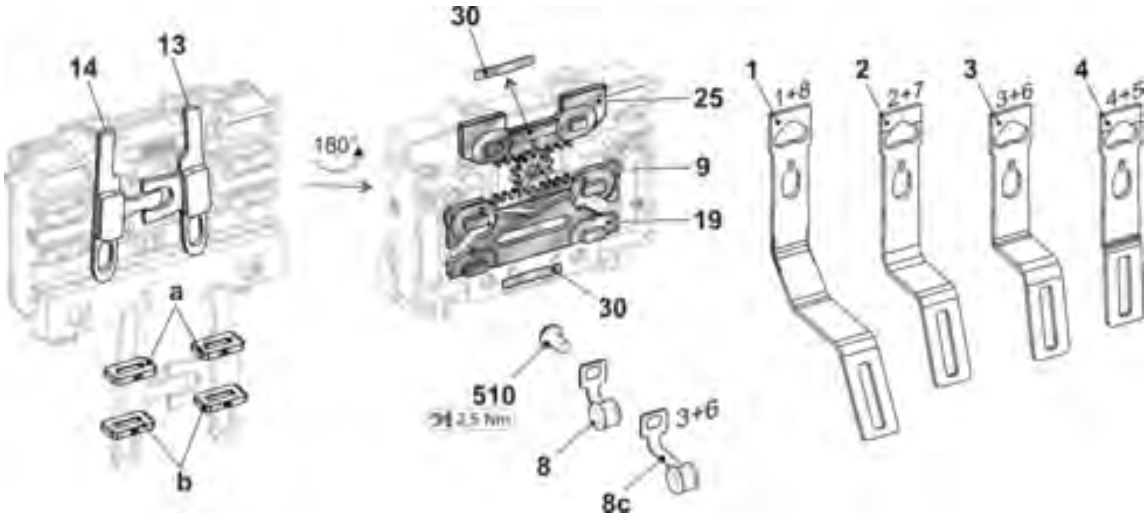
16.3 Intarsia yarn carrier type 2, Overview

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 completeE5	244 077
	IFF carriage complete 2+7 E7-8	259 737			YC head 2+7 completeE7-8	244 083
	IFF carriage complete 2+7 E10-14	259 741			YC head 2+7 completeE10-14	260 614
	IFF carriage complete 2+7 E16-18	259 745			YC head 2+7 completeE16-18	261 517
3	IFF carriage complete 3+6 E5	259 734		3a 4a	YC head 3-6 completeE5	244 078
	IFF carriage complete 3+6 E7-8	259 738			YC head 3-6 completeE7-8	244 084
	IFF carriage complete 3+6 E10-14	259 742			YC head 3-6 completeE10-14	260 610
	IFF carriage complete 3+6 E16-18	259 746			YC head 3-6 completeE16-18	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

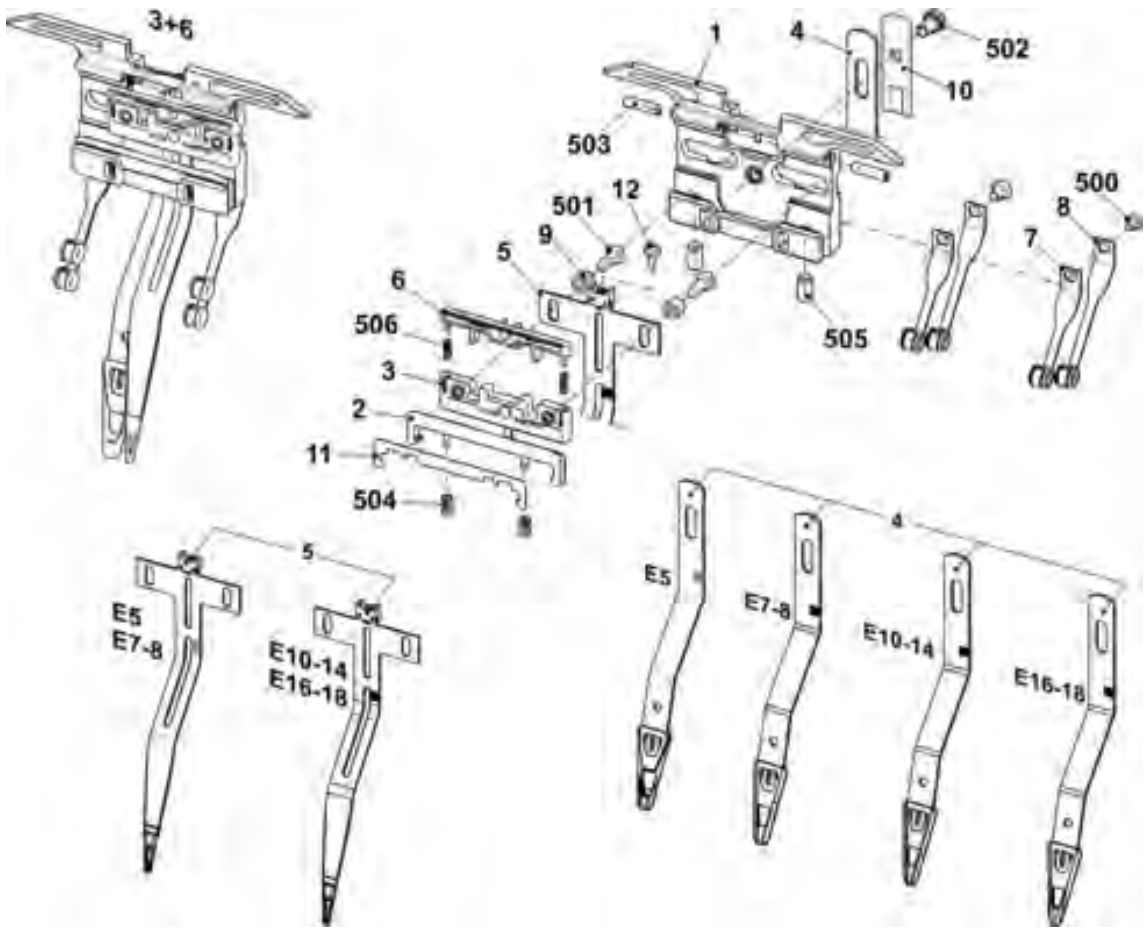
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	259 728		1	FF bow 1+8	259 719
	IFF carriage 2+7	259 729		2	FF bow 2+7	259 720
	IFF carriage 3+6	259 730		3	FF bow 3+6	259 721
	IFF carriage 4+5	259 731		4	FF bow 4+5	259 722
8	Eyelet holder complete	260 702		a	Pressure plate 2,02 H	262 433
8c	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 Plating yarn carrier 3+6

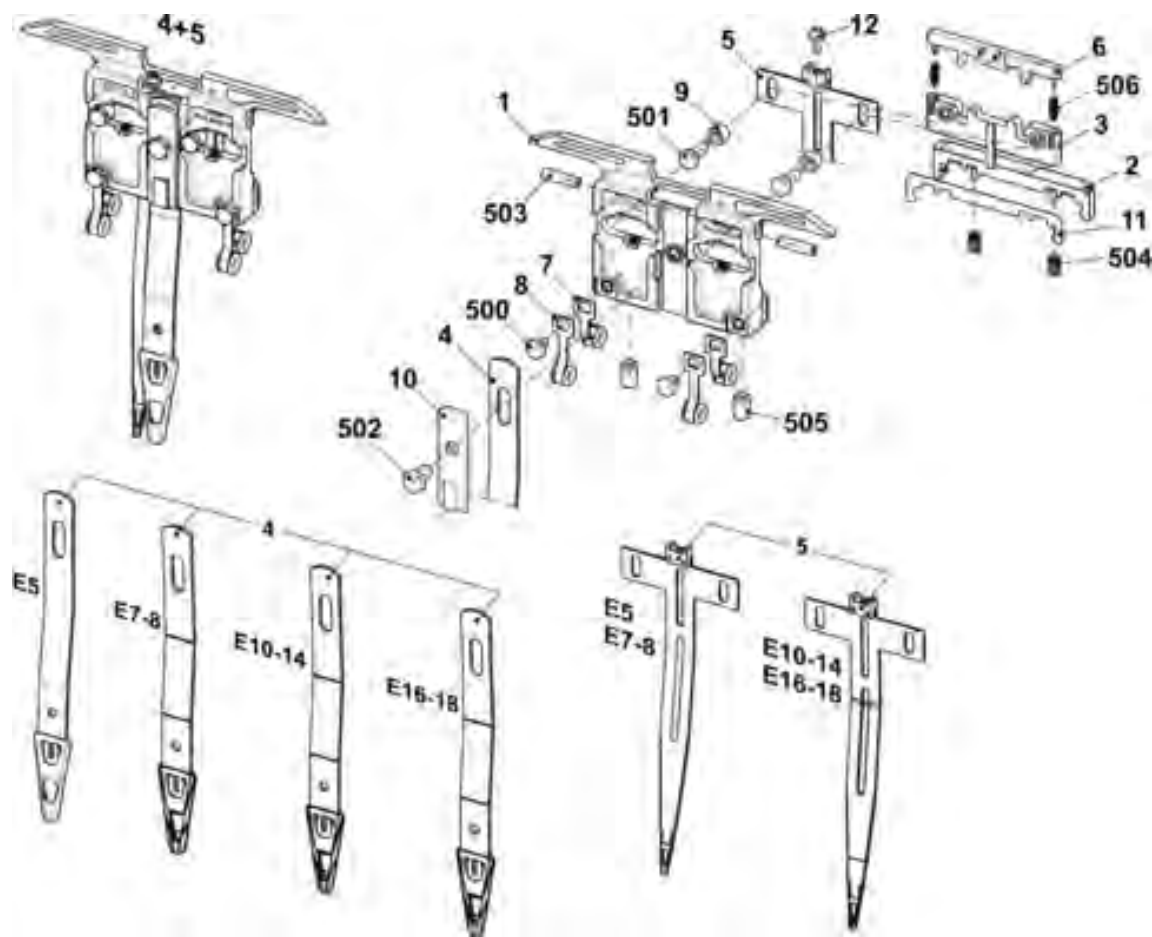
16.4 Plating yarn carrier 3+6

Pos	Designation	Id. no.	Pos	Designation	Id. no.
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 complete		500	Hexagon screwM4x5	243 779
	E6.2	252 821	501	Hexagon screwM4x10	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



16.5 Plating yarn carrier 4+5

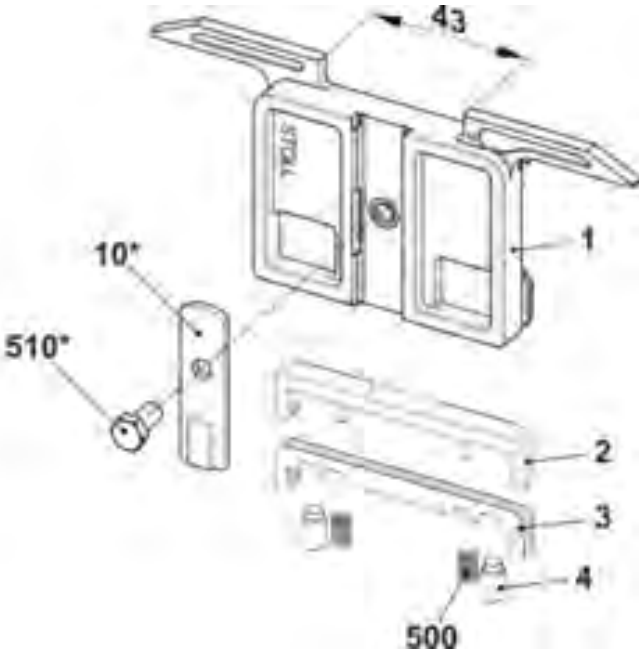
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Plating yarn carrier carriage 4+5 complete					
	E6.2	252 783		7	Eyelet holder complete	252 815
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 785		8	Eyelet holder complete	252 816
	E16 E18	252 787		9	Distance bushing	252 796
1	Plating yarn carrier carriage	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 screwM4x5	243 779
	E6.2	252 791		501	Hexagon screwM4x10	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



16.6 Carriage of plating yarn carrier EW43

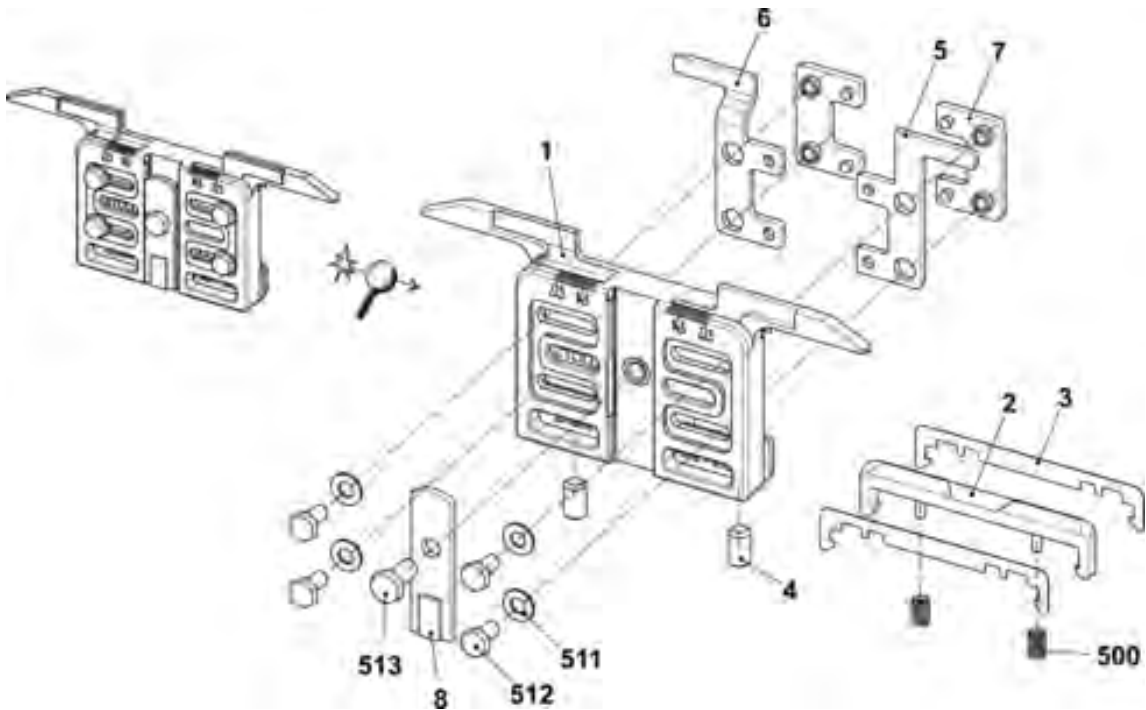
16.6 Carriage of plating yarn carrier EW43

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



16.7 Carriage of plating yarn carrier (adjustable)

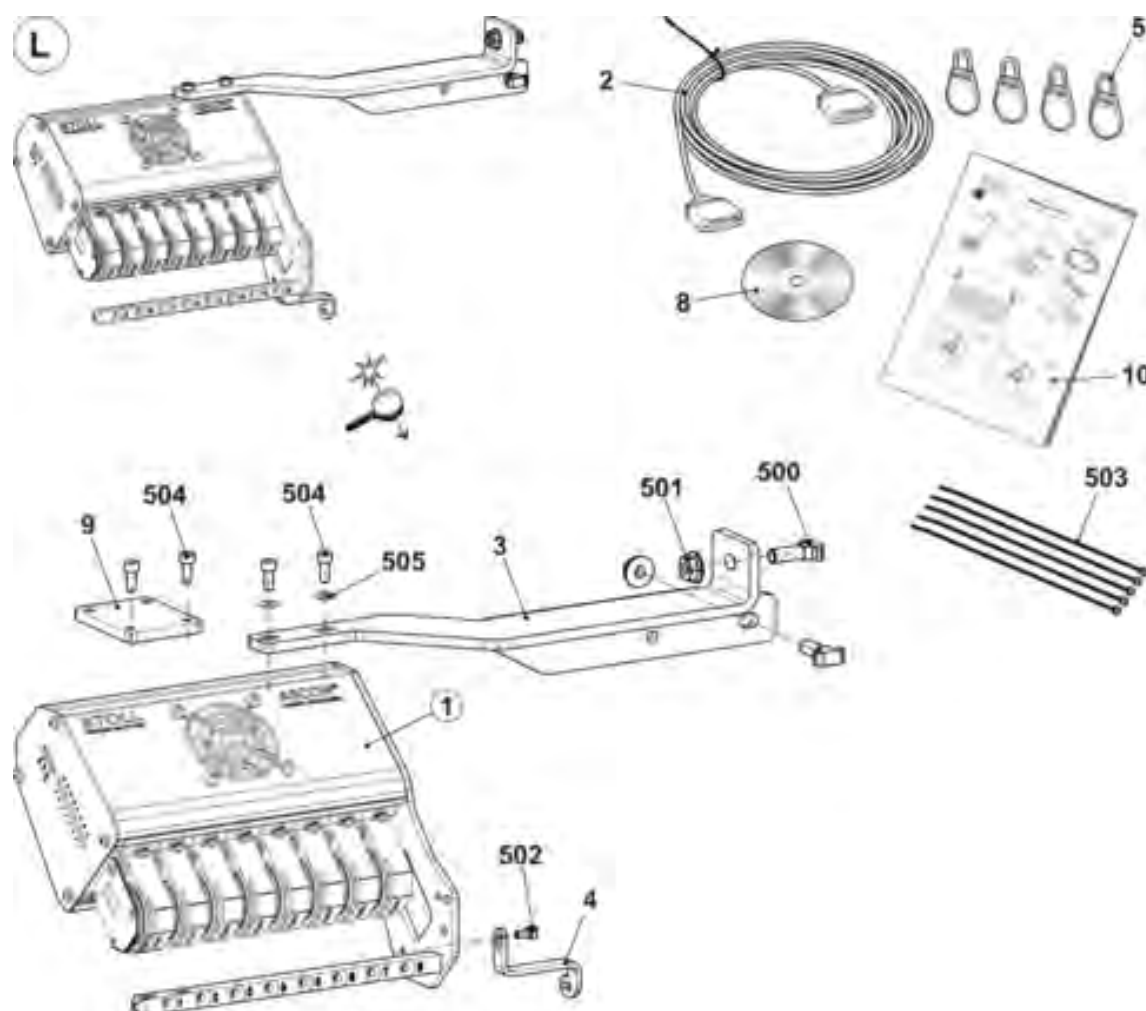
Pos	Designation	Id		Pos	Designation	Id
Σ	Plating yarn carrier carriage complete	251 867				
1	Carriage of yarn carrier	251 864		7	Guide part	253 226
2	Sliding piece	212 583		8	Shim	213 035
3	Shim	216 143		500	Compression spring	021 399
4	Threaded bolt	213 399		511	Washer4	022 481
5	Insert on the right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



16.8 Yarn length measuring device on the left complete

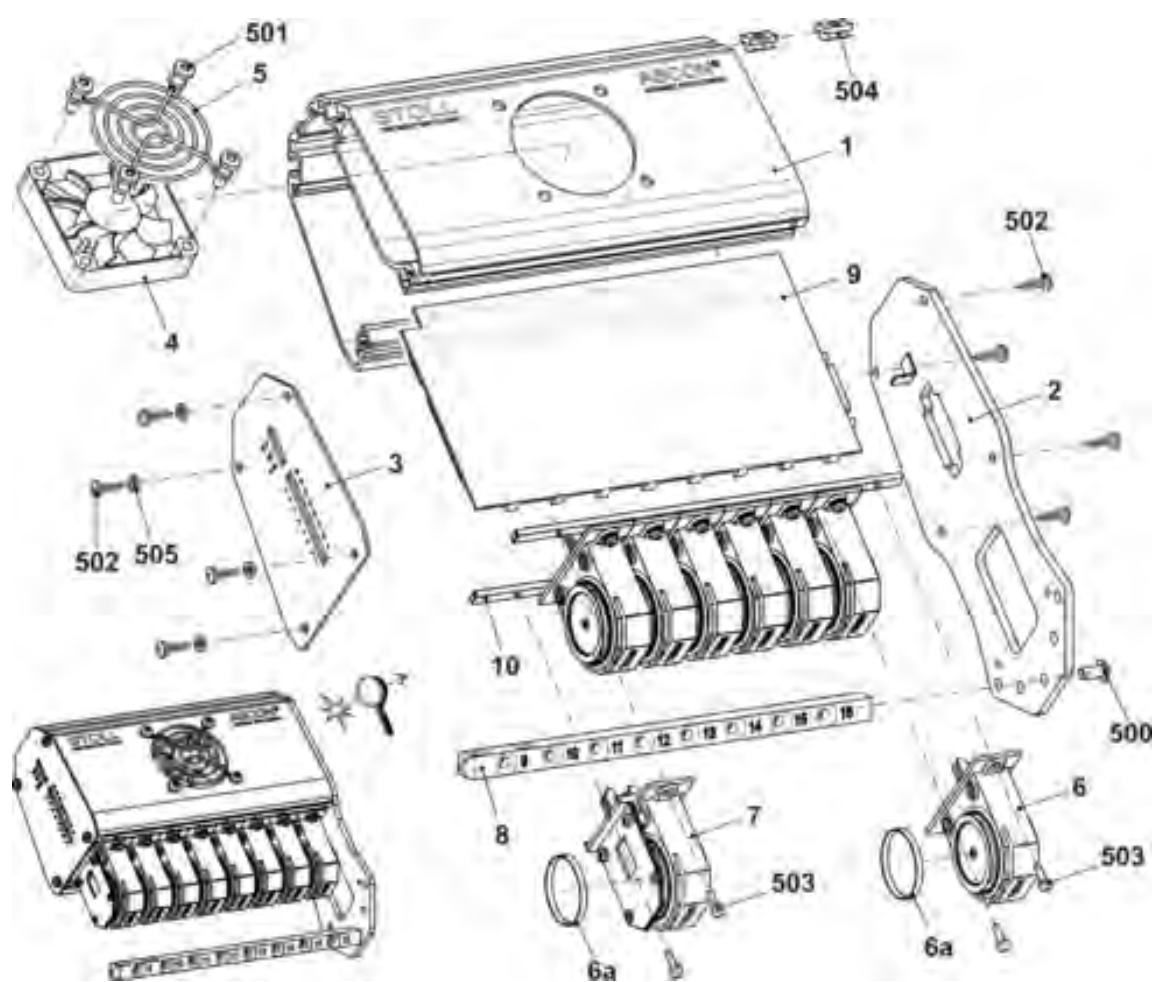
16.8 Yarn length measuring device on the left complete

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 screw M4x8	022 501
5	Adjustment weight	212 241		503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391		504	Cap screw M5x12	020 132
9	Holding plate	258 386		505	Washer5	020 871



16.8.1 Yarn length measuring device

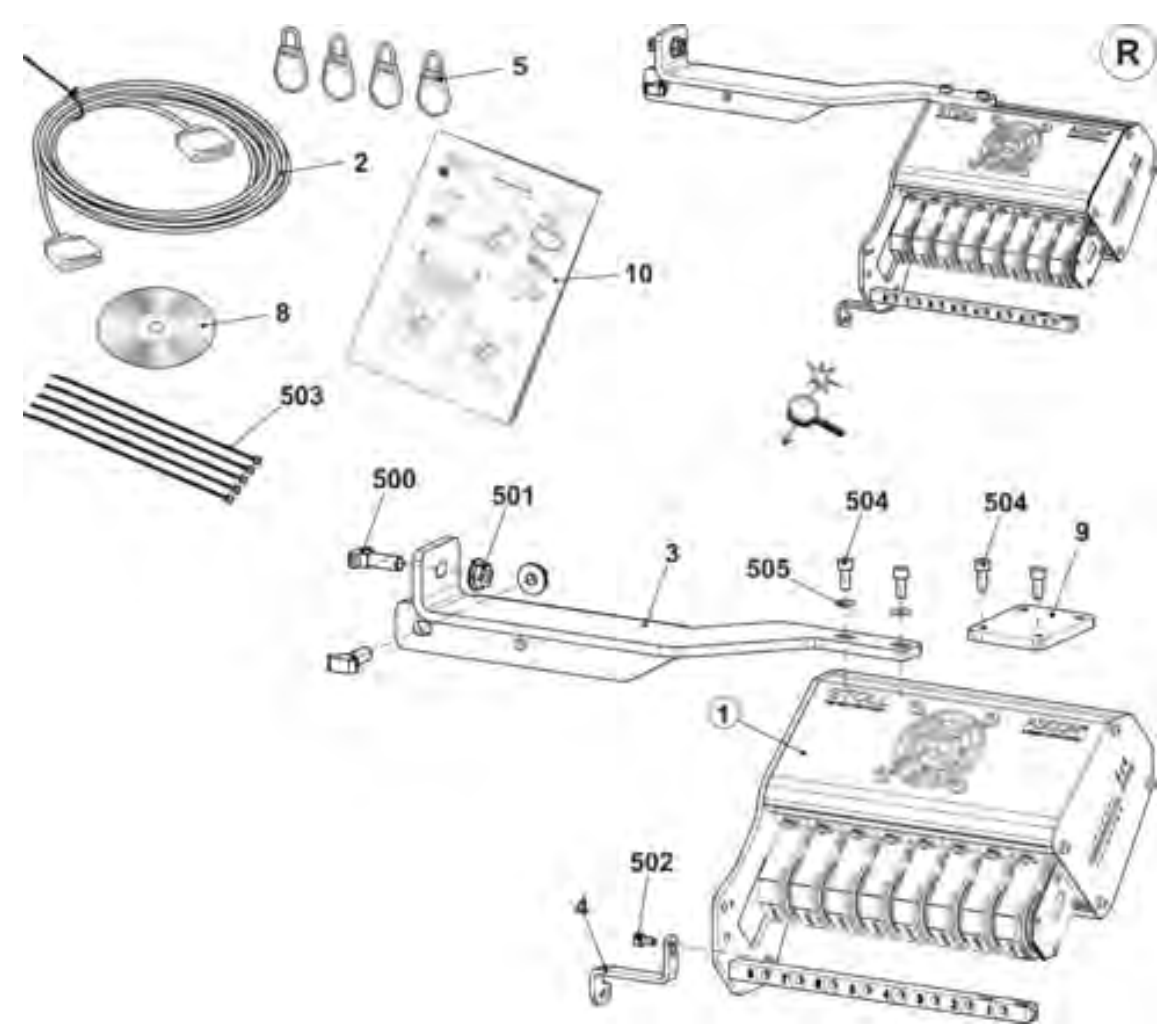
Pos	Designation		Id		Pos	Designation		Id
Σ	Yarn length measuring device on the left complete		257 283		8	Yarn guide rod		257 139
1	Housing		257 281		9	Card Ascon		255 000
2	Support		257 278		10	Threaded strip		257 138
3	Cover		257 273		500	Pan-head screw M5x10		023 247
4	Fan with plug		257 048		501	Screw 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



16.9 Yarn length measuring device on the right complete

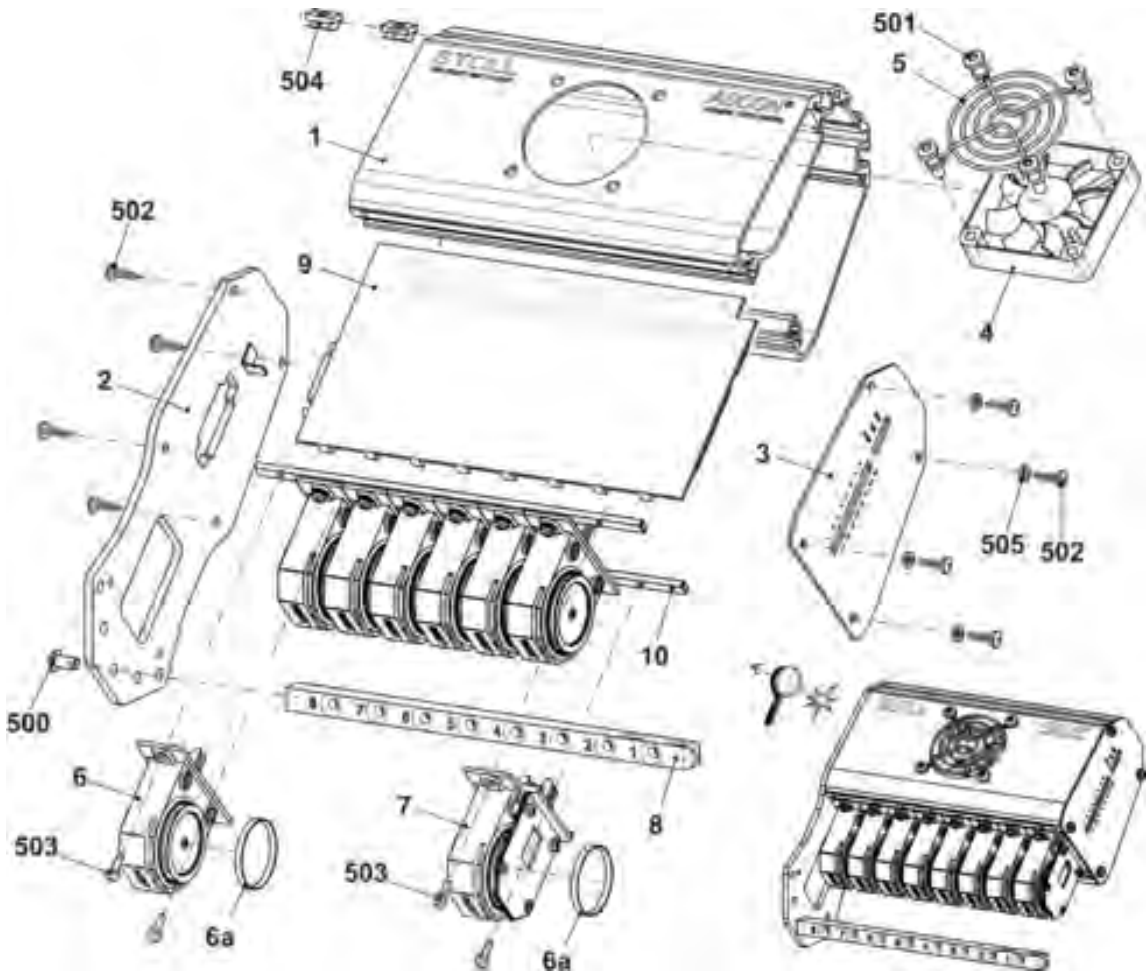
16.9 Yarn length measuring device on the right complete

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the right complete	257 599				
1	Yarn length measuring device on the right complete	257 282		10	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239		500	T-head bolt M8x25	022 866
3	Support right	257 121		501	Serrated nut M8-10	023 026
4	Connecting lug on the right	257 136		502	Cap screw M4x8	022 501
5	Adjustment weight	212 241		503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391		504	Cap screw M5x12	020 132
9	Holding plate	258 386		505	Washer5	020 871



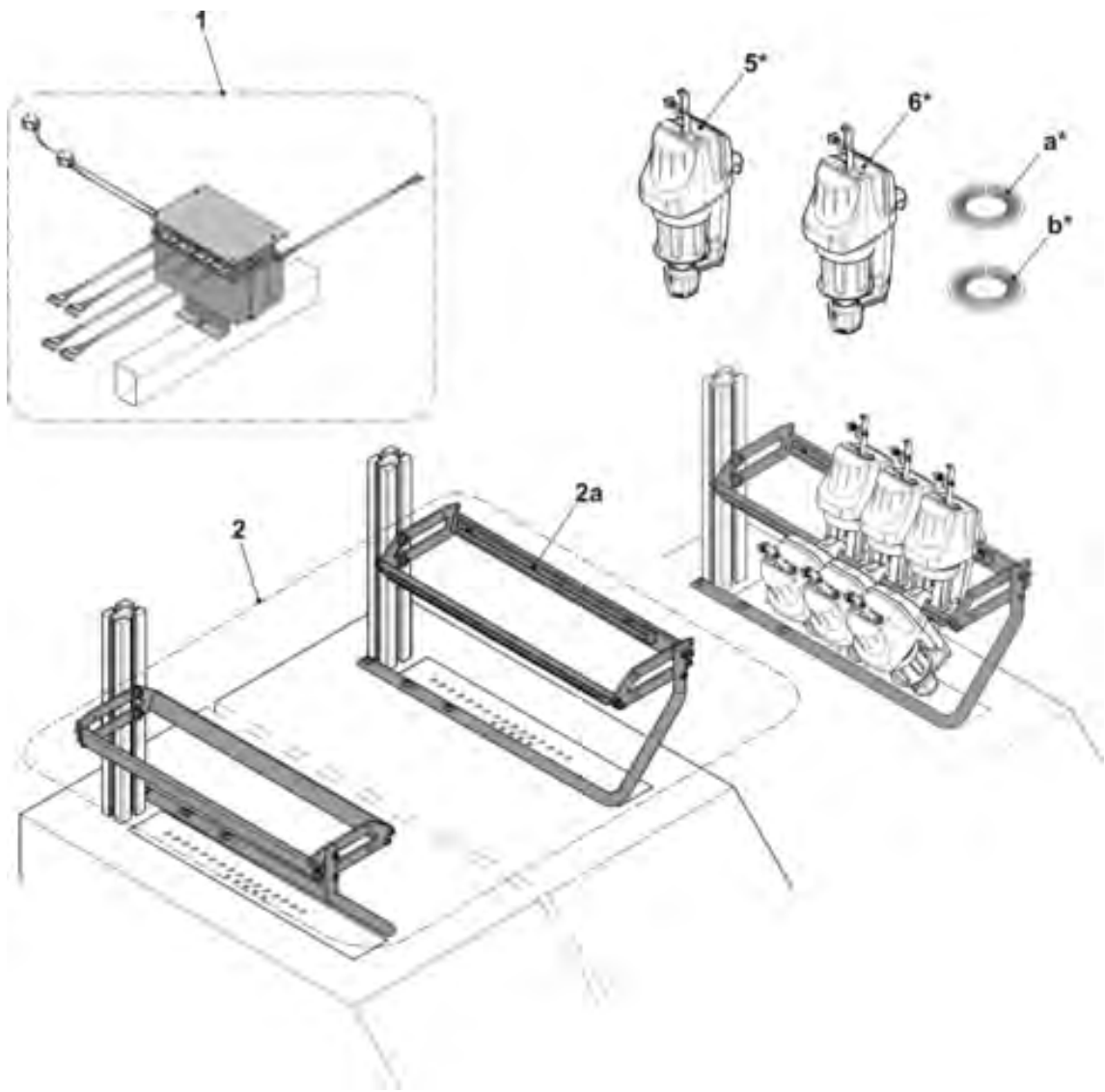
16.9.1 Yarn length measuring device on the right

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



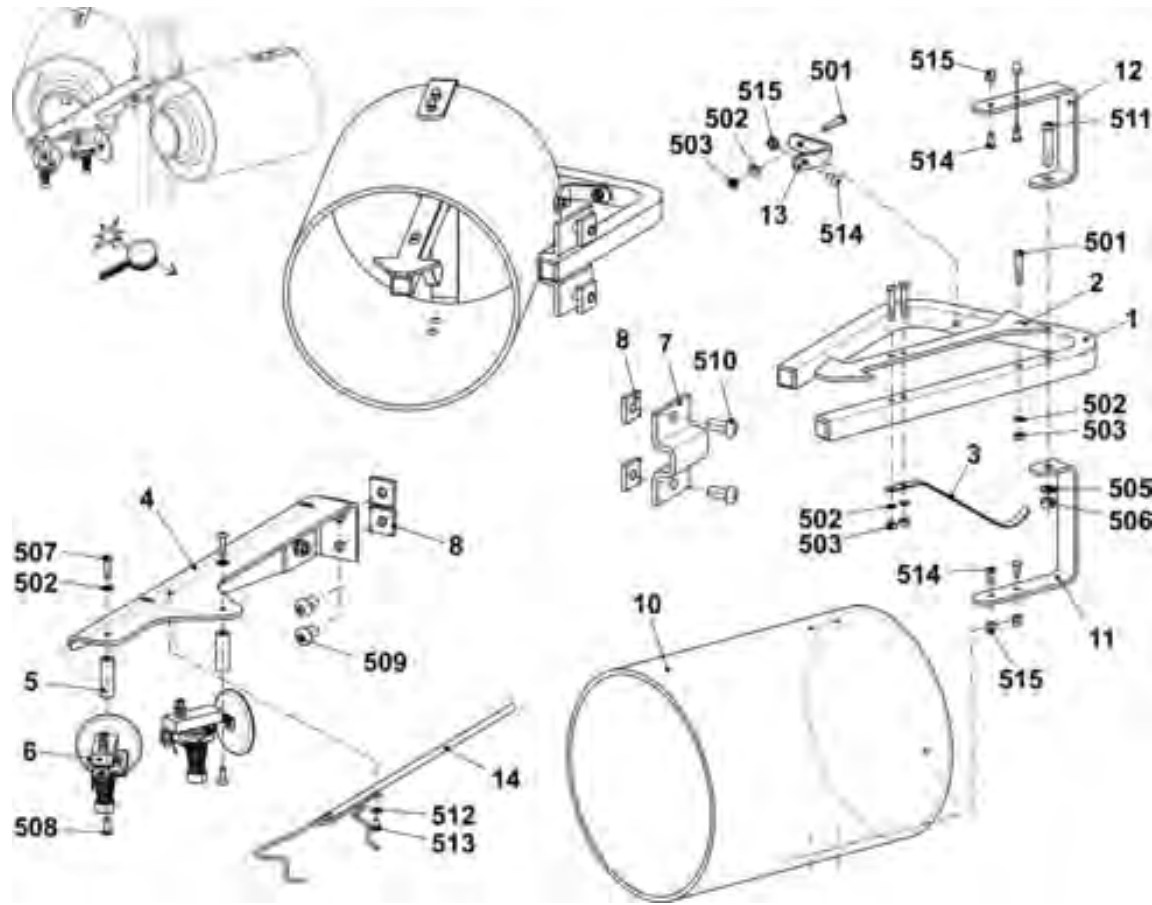
16.10 Storage feed wheel MSF-3

Pos	Designation	ID	Note
Σ	Attachment set storage feed wheel MSF-3	259 575	Please order the MSF-3 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-3 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Transformer MSF-3 with cable	259 611	
2	Mounted set MSF-3 without transformer	259 612	
	2a Ribbon cable four-wire	245 260	
5*	Storage feed wheel LGL Vector	262 373	
6*	Storage feed wheel LGL Vector P+	263 028	
a*	Brush goat hair PRIMO	245 252	
b*	Brake ring Vector	264 098	



16.11 Bobbin holder on the left

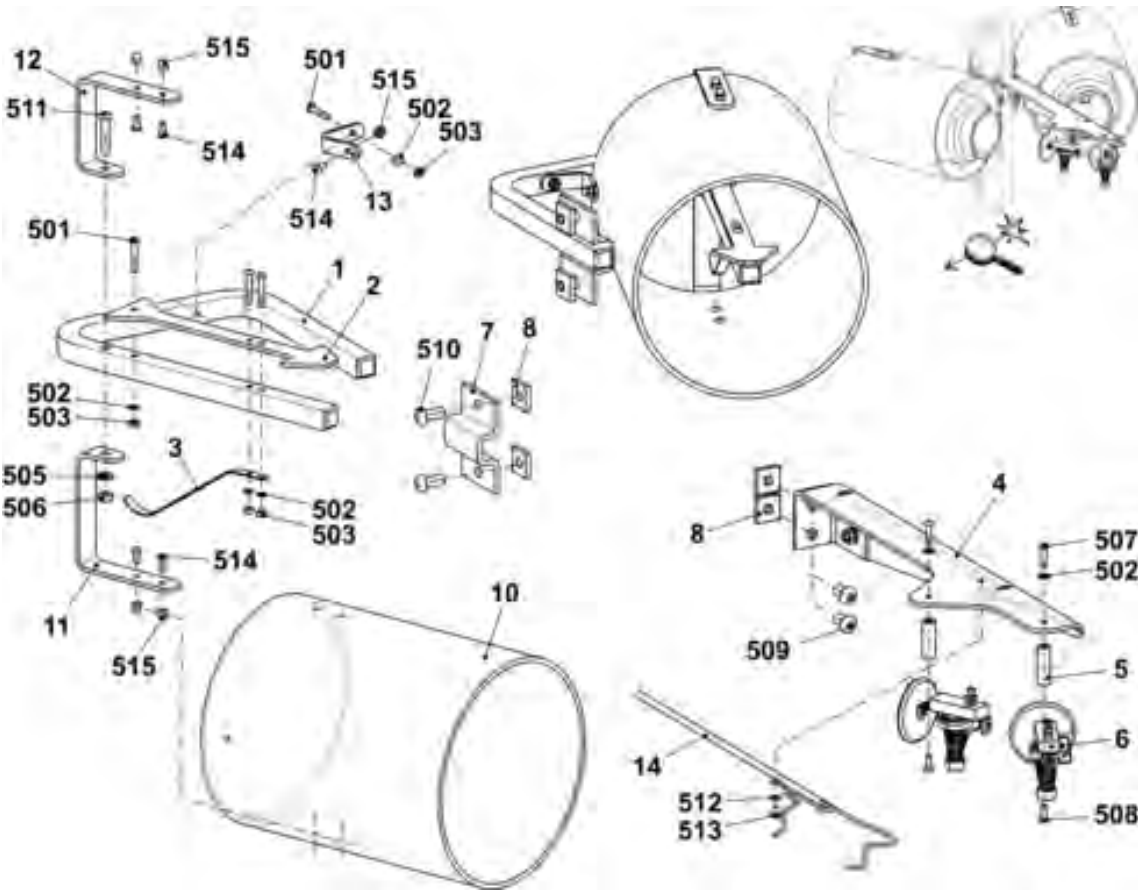
Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the left	253 965	501	Pan head screw M4x25	023 511
1	Support	253 969	502	Washer4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	Washer6	022 431
4	Support on the left	253 347	506	Hexagon nut M6-6	022 899
5	Spacer	253 349	507	Pan head screw M4x16	023 412
6	Yarn detector Massardi	226 964	508	Pan-head screw M4x12	023 062
7	Clamp	228 583	509	Pan head screw M8x16	023 113
8	Slot nut	228 851	510	Pan head screw M8x18	251 331
10	Cover	253 968	511	Pan head screw M6x30	023 451
11	Holding angle	253 964	512	Serrated lock washer A4,3	022 482
12	Holding angle	253 963	513	Pan head screw M4x6	022 946
13	Holding angle	253 967	514	Pan head screw M4x10	023 450
14	Cable plating	253 468	515	Cap nut M4-6	253 805



16.12 Bobbin holder on the right

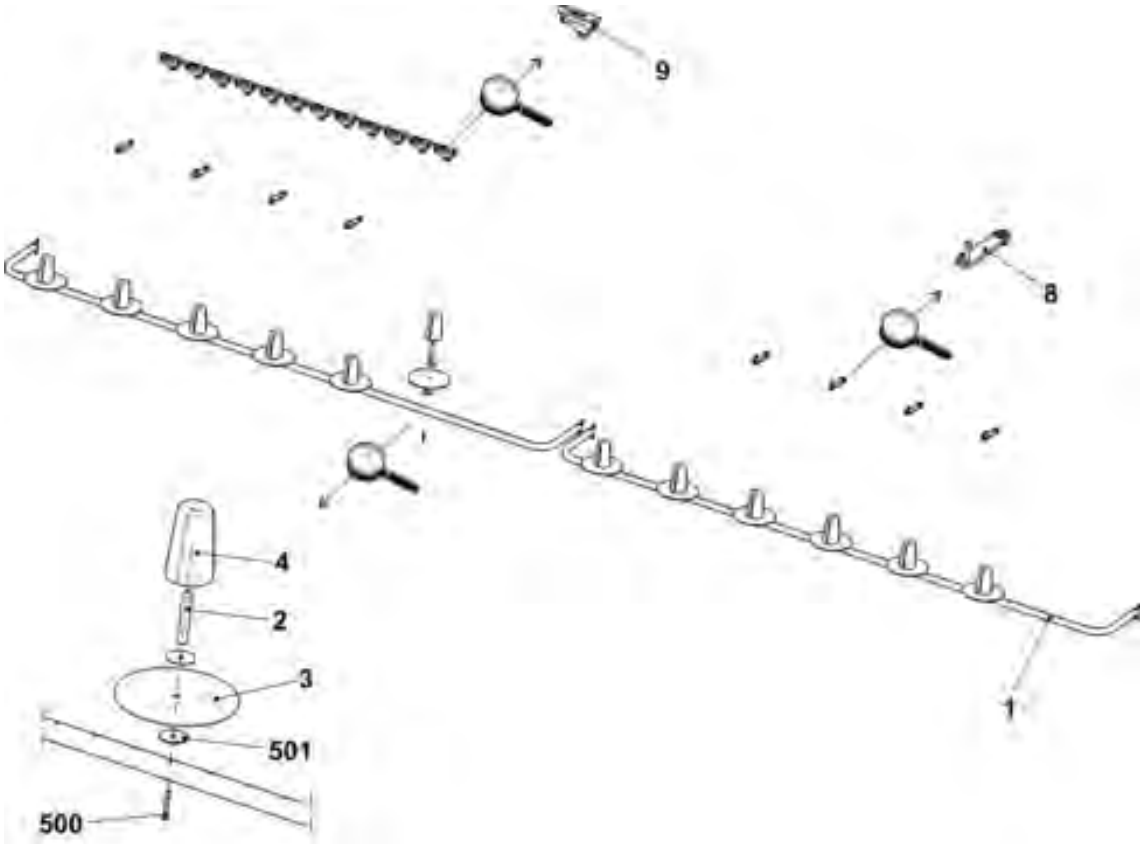
16.12 Bobbin holder on the right

Pos	Designation	ID		Pos	Designation	ID
Σ	Bobbin holder on the right	253 966		501	Pan head screw M4x25	023 511
1	Support	253 969		502	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 screw M4x16	023 412
6	Yarn detector Massardi	226 964		508	Pan-head screw M4x12	023 062
7	Clamp	228 583		509	Pan head screw M8x16	023 113
8	Slot nut	228 851		510	Pan head screw M8x18	251 331
10	Cover	253 968		511	Pan head screw M6x30	023 451
11	Holding angle	253 964		512	Serrated lock washer A4,3	022 482
12	Holding angle	253 963		513	Pan head screw M4x6	022 946
13	Holding angle	253 967		514	Pan head screw M4x10	023 450
14	Cable plating	253 468		515	Cap nut M4-6	253 805



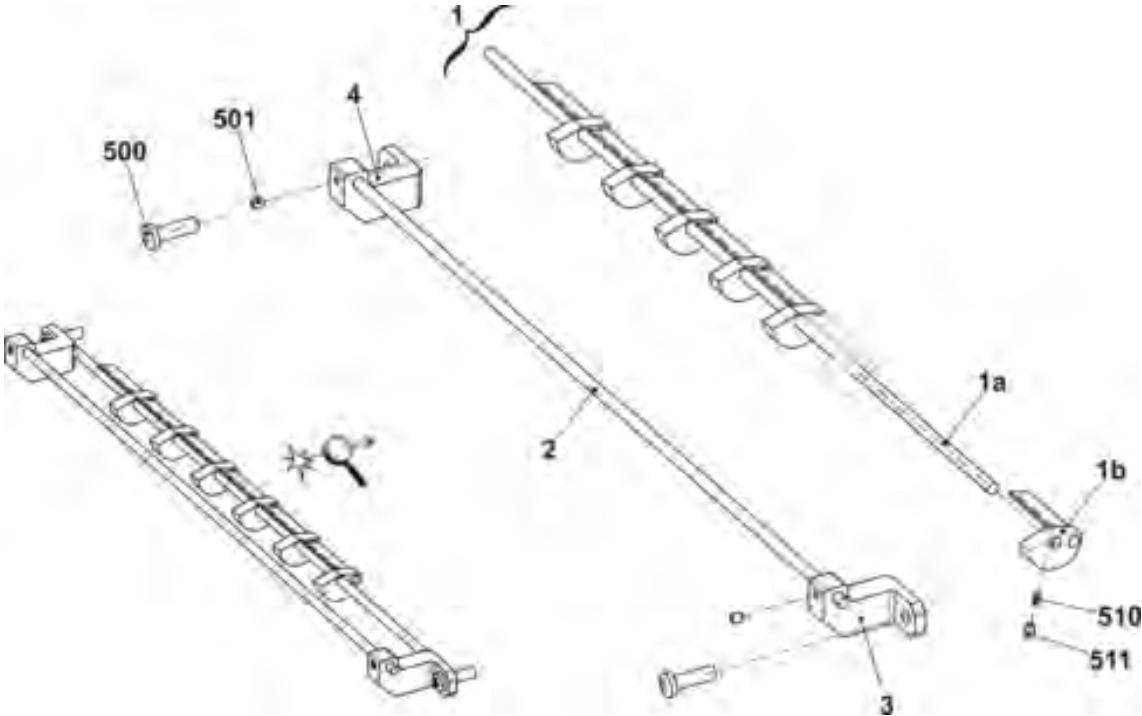
16.13 Additional board at the bottom

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Additional board8XX at the bottom	253 646				
1	Additional bobbin board welded	253 472		8	Yarn guide	243 765
2	Positioning pin	202 777		9	Yarn guide bracket	241 581
3	DiskD=130	062 385		500	Pan-head screw M4x30	023 681
4	Bobbin support	200 363		501	Washer5,3x30x1,25	023 556



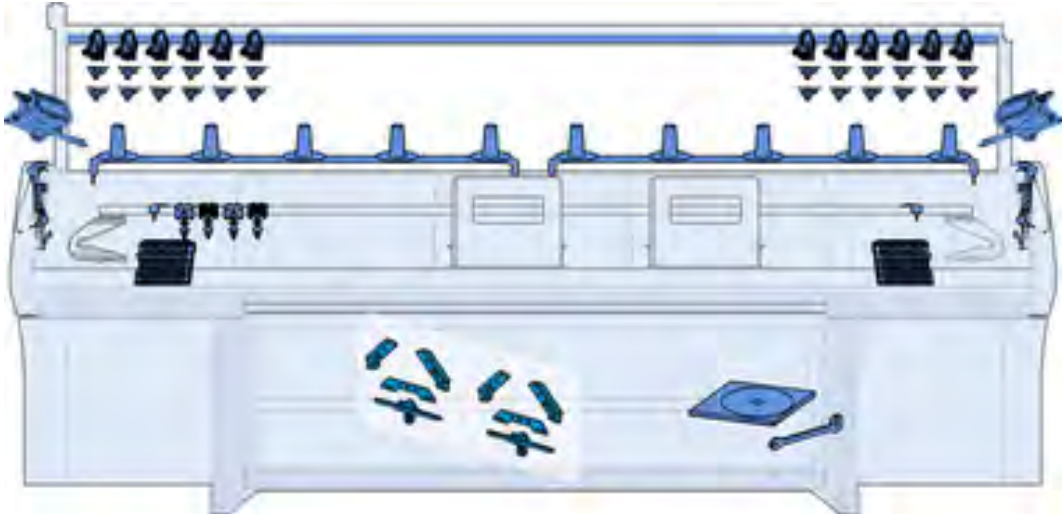
16.14 Sanding Paper Brake

Pos	Designation		Id		Pos	Designation		Id
Σ	Conversion kit sanding paper brake		257 674					
1	Axle 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 spring 0,32x2,51x14,20	237 444		500	Screw KB 60x20		237 682
	511	Setscrew M4x6	022 955		501	Setscrew M4x5		023 088



17 Conversion kit with 24 and 32 IFF Type 2

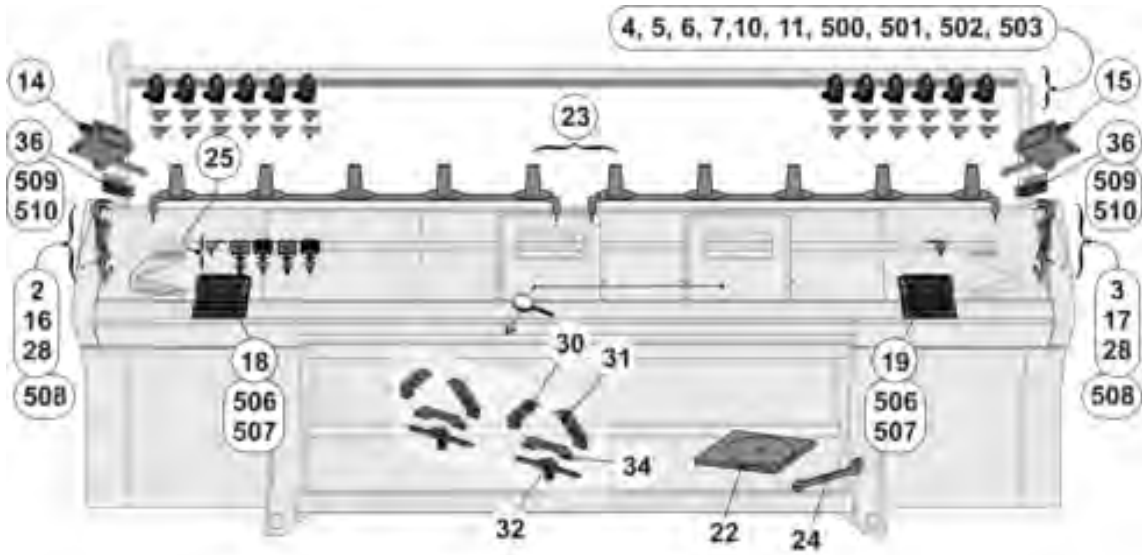
	Designation	Id
24 IFF:	Conversion kit 24 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 453
	Conversion kit 24 IFF Type 2 E16 E18	257 454
	Conversion kit 24 IFF Type 2E6.2	257 473
	Conversion kit 24 IFF Type 2 E8.2	257 455
32 IFF:	Conversion kit 32 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 386
	Conversion kit 32 IFF Type 2 E16 E18	257 385
	Conversion kit 32 IFF Type 2 E6.2	257 472
	Conversion kit 32 IFF Type 2E8.2	257 388



17.1 Overview of conversion kit with 24 IFF E10 | E12 | E14 | E6.2(12m.10) | E7.2

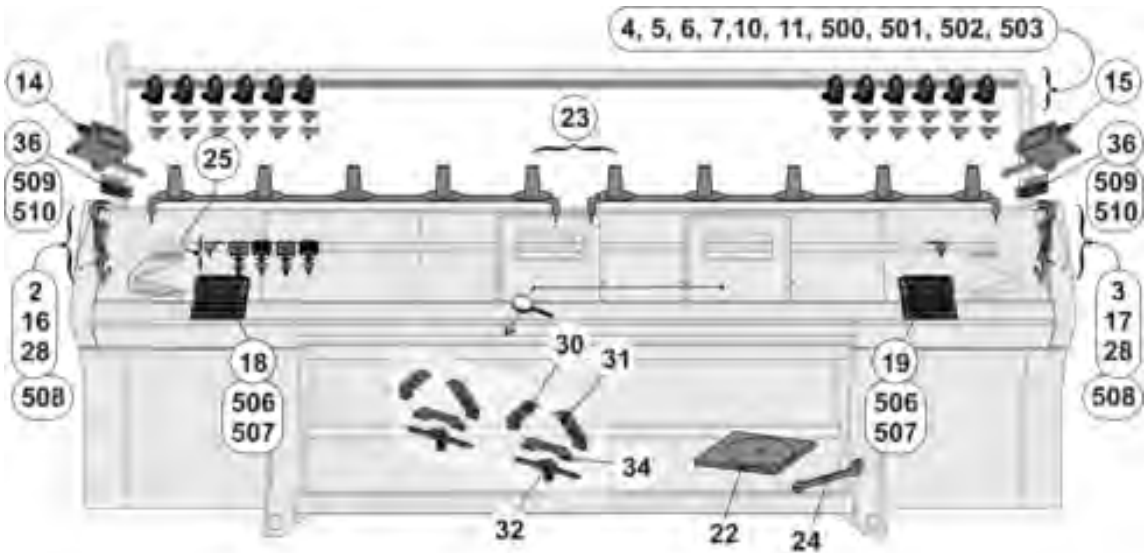
17.1 Overview of conversion kit with 24 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF E10-14	257 453		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete E10-14 IFF 24	256 936
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E10-14+7.2	255 428
5	Support on the left	243 602		31	Stitch cam on the right short tuck E10-14+7.2	255 429
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E10-14	253 682		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E10-14	253 681		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer6	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



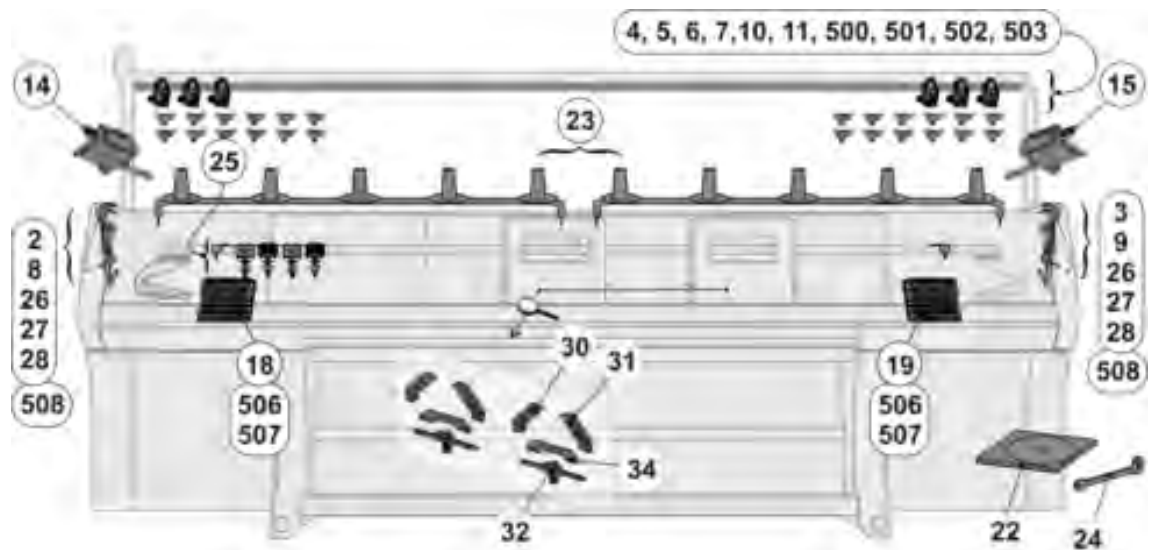
17.2 Overview of conversion kit with 24 IFF E16 | E18

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Conversion kit 24 IFF E10-14	257 454		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete E16-18IFF 24	256 937
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E16-18+8.2	255 547
5	Support on the left	243 602		31	Stitch cam on the right short tuck E16-18+8.2	255 548
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E16-18	253 684		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E16-18	253 683		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer6	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



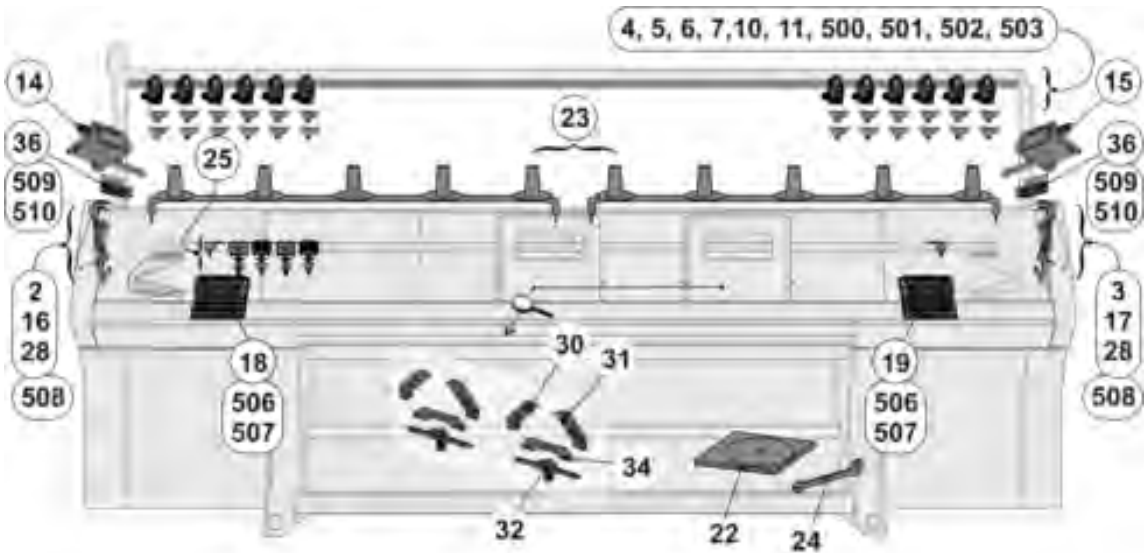
17.3 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Conversion kit 24 IFF E6.2	257 473				
2	Yarn tensioner on the left complete E7-8	244 499		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502		25	Yarn guide complete E7-8 IFF 24	256 935
4	Yarn guide bar84"	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuck E6.2	255 551
8	Deflector on the left complete	259 573		31	Stitch cam on the right short tuck E6.2	255 552
9	Deflector on the right complete	259 570		32	Pressure part short tuck	255 430
10	Yarn control unit	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
18	Left clamping and cutting bed E10-14	253 682		503	Pan head screw M8x16	023 113
19	Clamping and cutting bed on the right E10-14	253 681		506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169		507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928		508	Screw KB60x20	237 682



17.4 Overview of conversion kit with 24 IFF E8.2

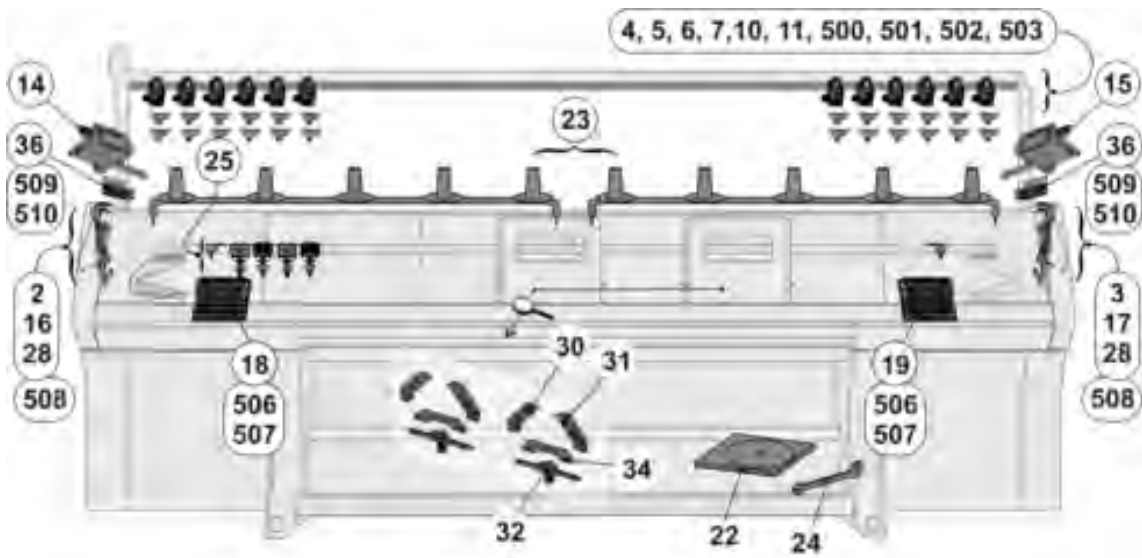
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Conversion kit 24 IFF E8.2	257 455		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete E10-14 IFF 24	256 936
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E16-18+8.2	255 547
5	Support on the left	243 602		31	Stitch cam on the right short tuck E16-18+8.2	255 548
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E16-18	253 684		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E16-18	253 683		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



17.5 Overview of conversion kit with 32 IFF E10 | E12 | E14 | E6.2(12m.10) | E7.2

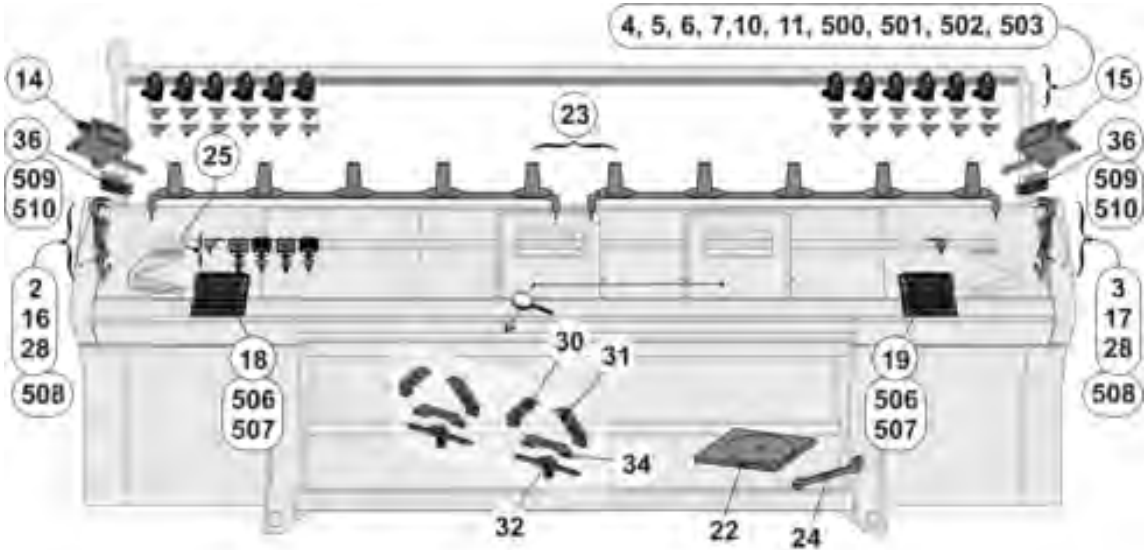
17.5 Overview of conversion kit with 32 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF E10-14	257 386		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete E10-14 IFF	245 163
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E10-14+7.2	255 428
5	Support on the left	243 602		31	Stitch cam on the right short tuck E10-14+7.2	255 429
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E10-14	253 682		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E10-14	253 681		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer 6	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



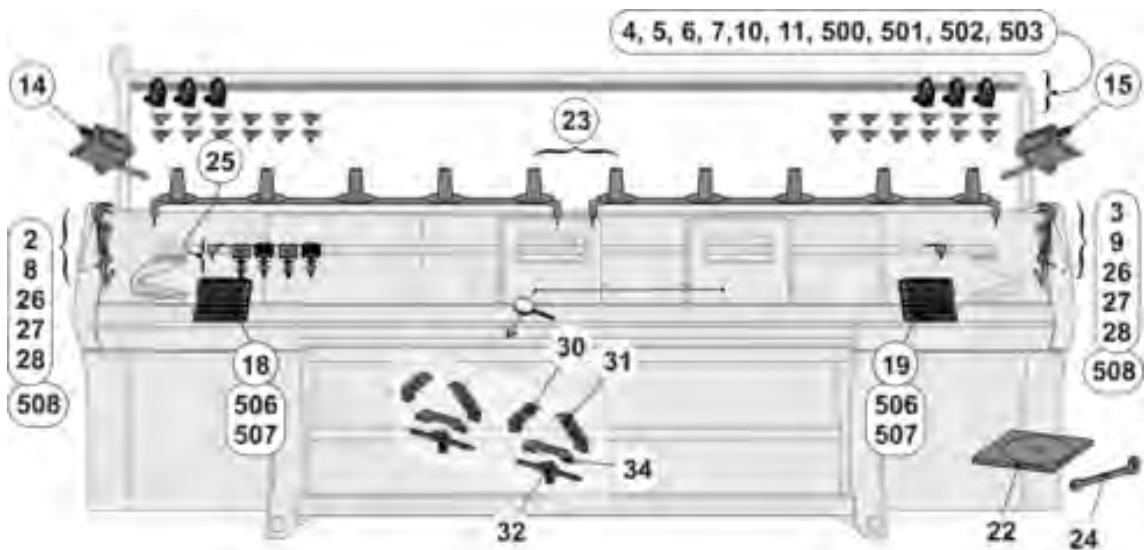
17.6 Overview of conversion kit with 32 IFF E16 | E18

Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Conversion kit 32 IFF E10-14	257 385		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete E16-18 IFF	245 164
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E16-18+8.2	255 547
5	Support on the left	243 602		31	Stitch cam on the right short tuck E16-18+8.2	255 548
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E16-18	253 684		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E16-18	253 683		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer 6	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



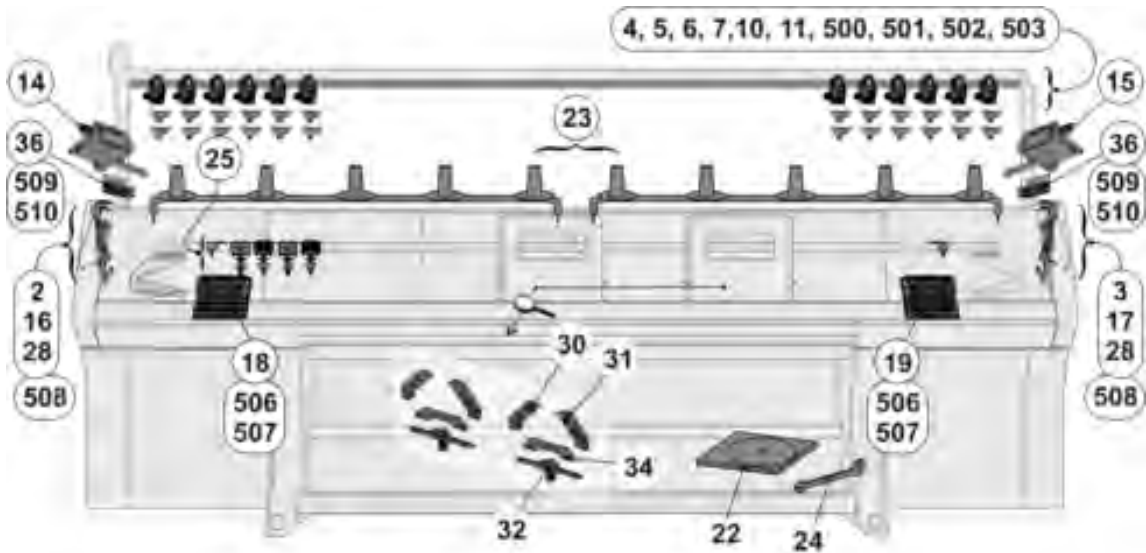
17.7 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF E6.2	257 472				
2	Yarn tensioner on the left complete E7-8	244 499		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502		25	Yarn guide complete E7-8 IFF	245 162
4	Yarn guide bar84"	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuck E6.2	255 551
8	Deflector on the left complete	259 573		31	Stitch cam on the right short tuck E6.2	255 552
9	Deflector on the right complete	259 570		32	Pressure part short tuck	255 430
10	Yarn control unit	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
18	Left clamping and cutting bed E10-14	253 682		503	Pan head screw M8x16	023 113
19	Clamping and cutting bed on the right E10-14	253 681		506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169		507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928		508	Screw KB60x20	237 682



17.8 Overview of conversion kit with 32 IFF E8.2

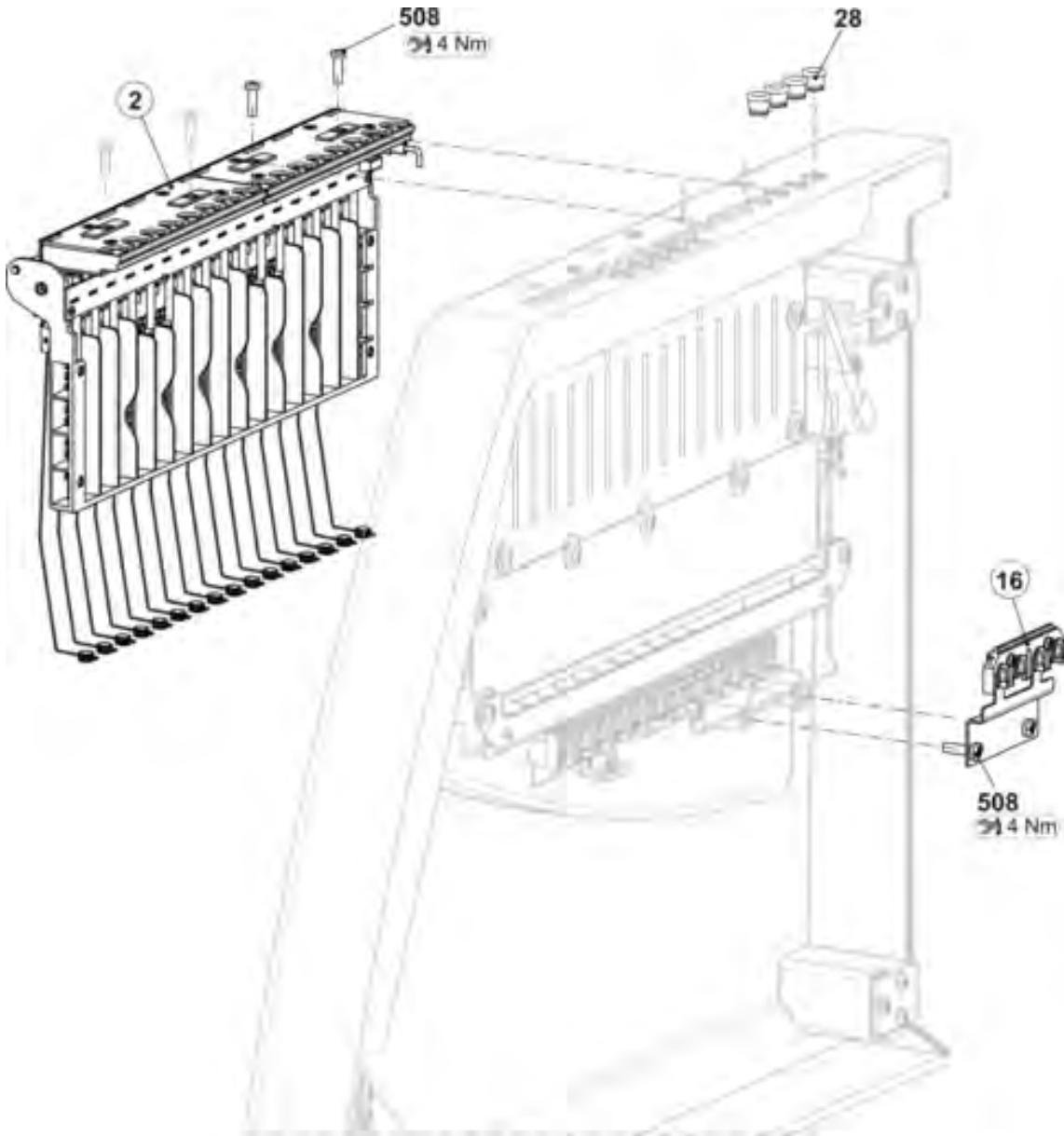
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF E8.2	257 388		24	Adjusting part for yarn carrier bow	250 119
2	Yarn tensioner on the left complete E10-18	258 461		25	Yarn guide complete IFF E10-14	245 163
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
4	Yarn guide bar84"	236 932		30	Stitch cam on the left short tuck E16-18+8.2	255 547
5	Support on the left	243 602		31	Stitch cam on the right short tuck E16-18+8.2	255 548
6	Support on the right	243 603		32	Pressure part short tuck	255 430
7	Support	239 295		34	Raising cam plate	256 491
10	Yarn control unit	237 124		36	Stopping device 16-fold complete	259 455
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Deflector on the left complete	259 573		503	Pan head screw M8x16	023 113
17	Deflector on the right complete	259 570		506	Dowel pin 6x16	020 677
18	Left clamping and cutting bed E16-18	253 684		507	Screw M6x20	244 824
19	Clamping and cutting bed on the right E16-18	253 683		508	Screw KB60x20	237 682
22	DVD instructions conversion kit IFF	245 169		509	Washer 6	022 537
23	Additional bobbin board 7XX/8XX	241 928		510	Pan head screw M5x10	023 247



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

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

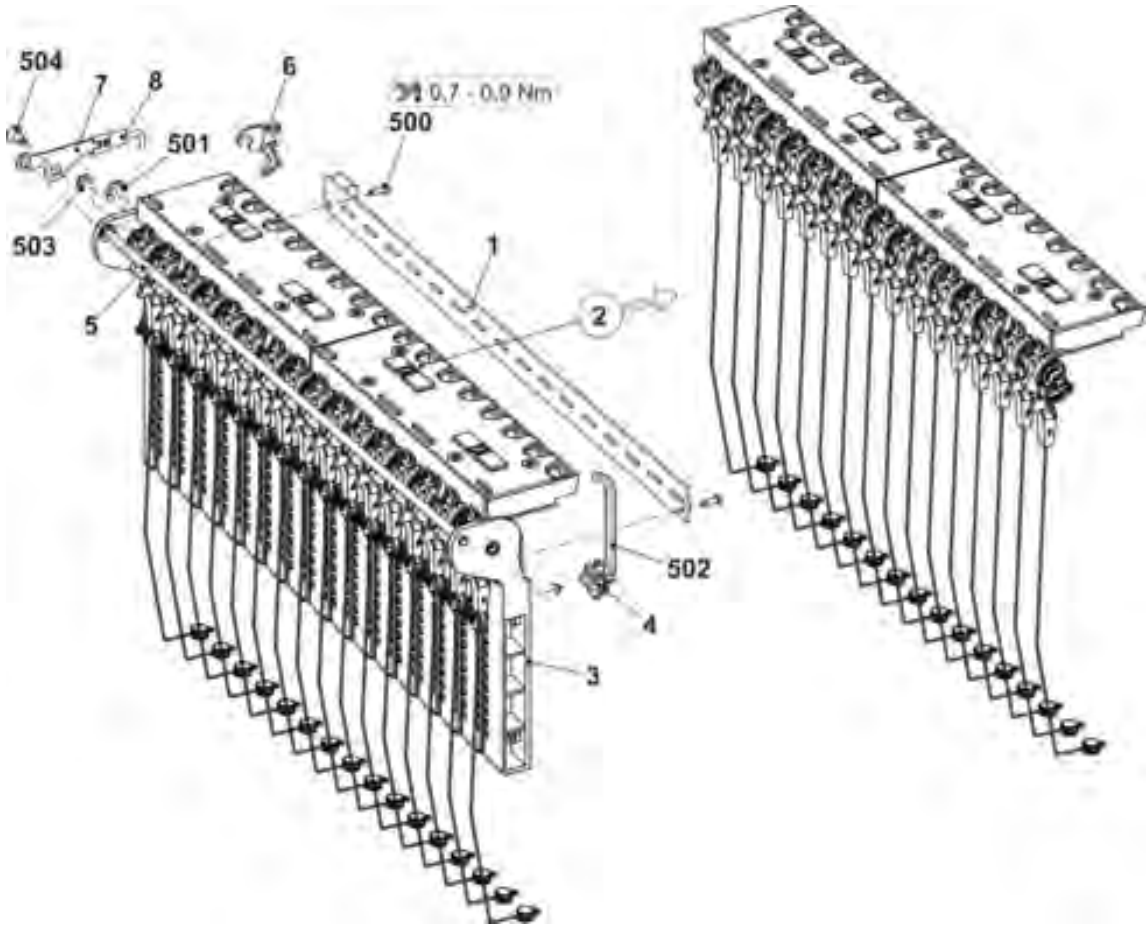
Pos	Designation	Id. no.		Pos	Designation	Id. no.
2	Yarn tensioner on the left complete E10-18	258 461		28	Ceramic eyelet	240 640
16	Deflector on the left complete	259 573		508	Screw KB60x20	237 682



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

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

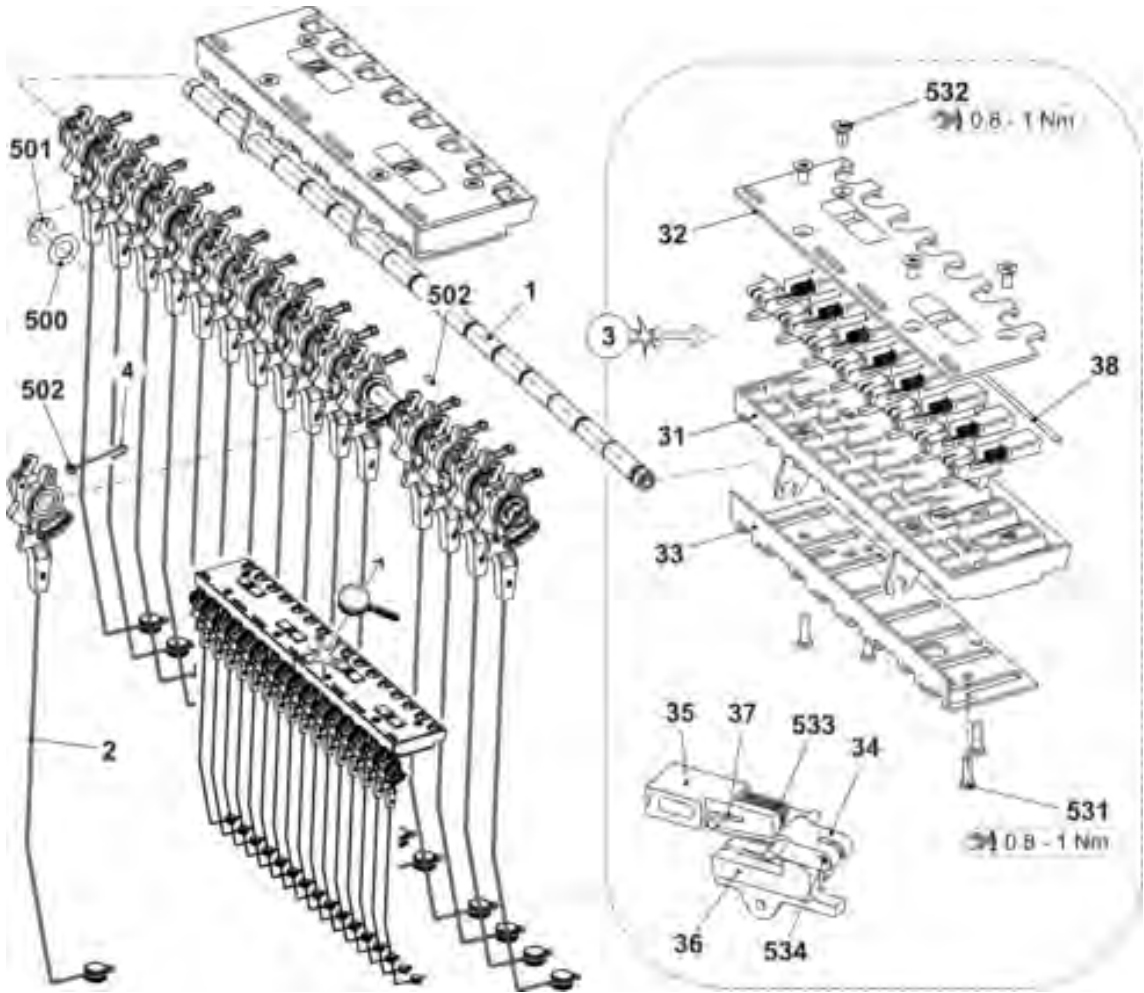
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Yarn tensioner on the left complete E10-18	258 461		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		8	Ground cable yarn tensioner okc	243 105
2	Tension axle completeE10-18	258 460		500	Screw KB30x8	236 228
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



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

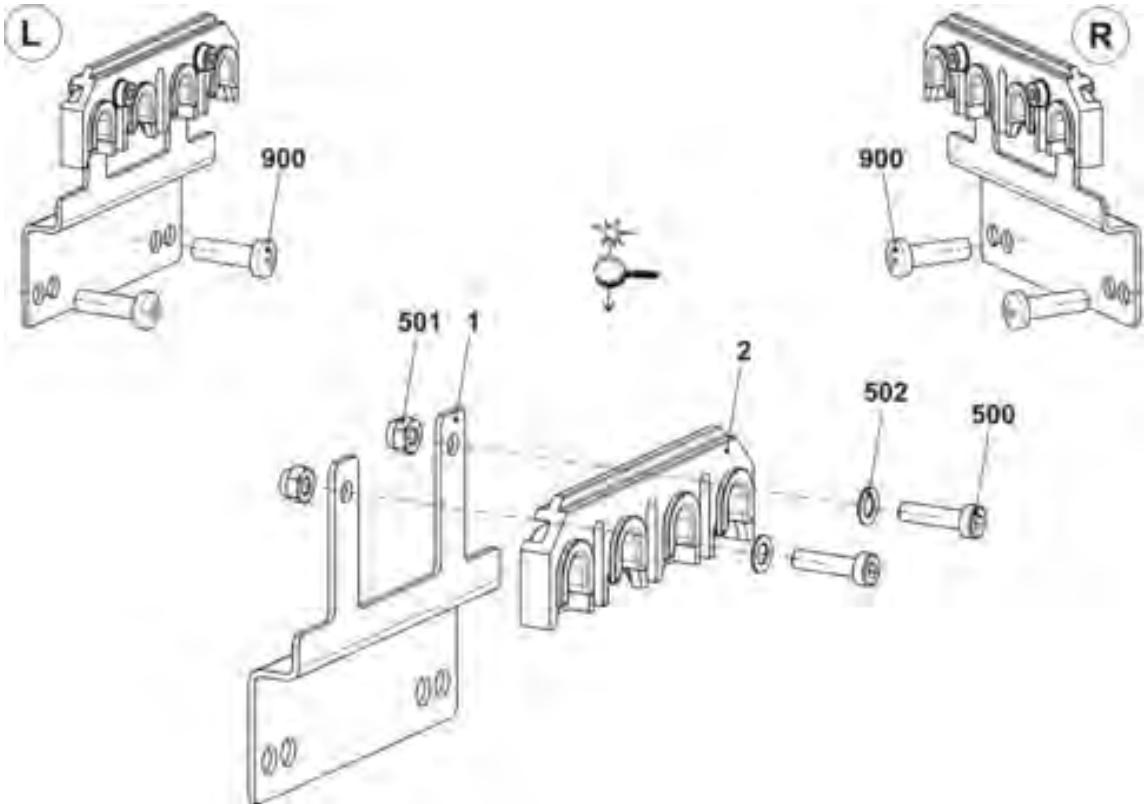
17.9.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle completeE10-18	258 460	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembledE10-18	258 459	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	HousingAKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



17.9.2 Deflector on the left and on the right

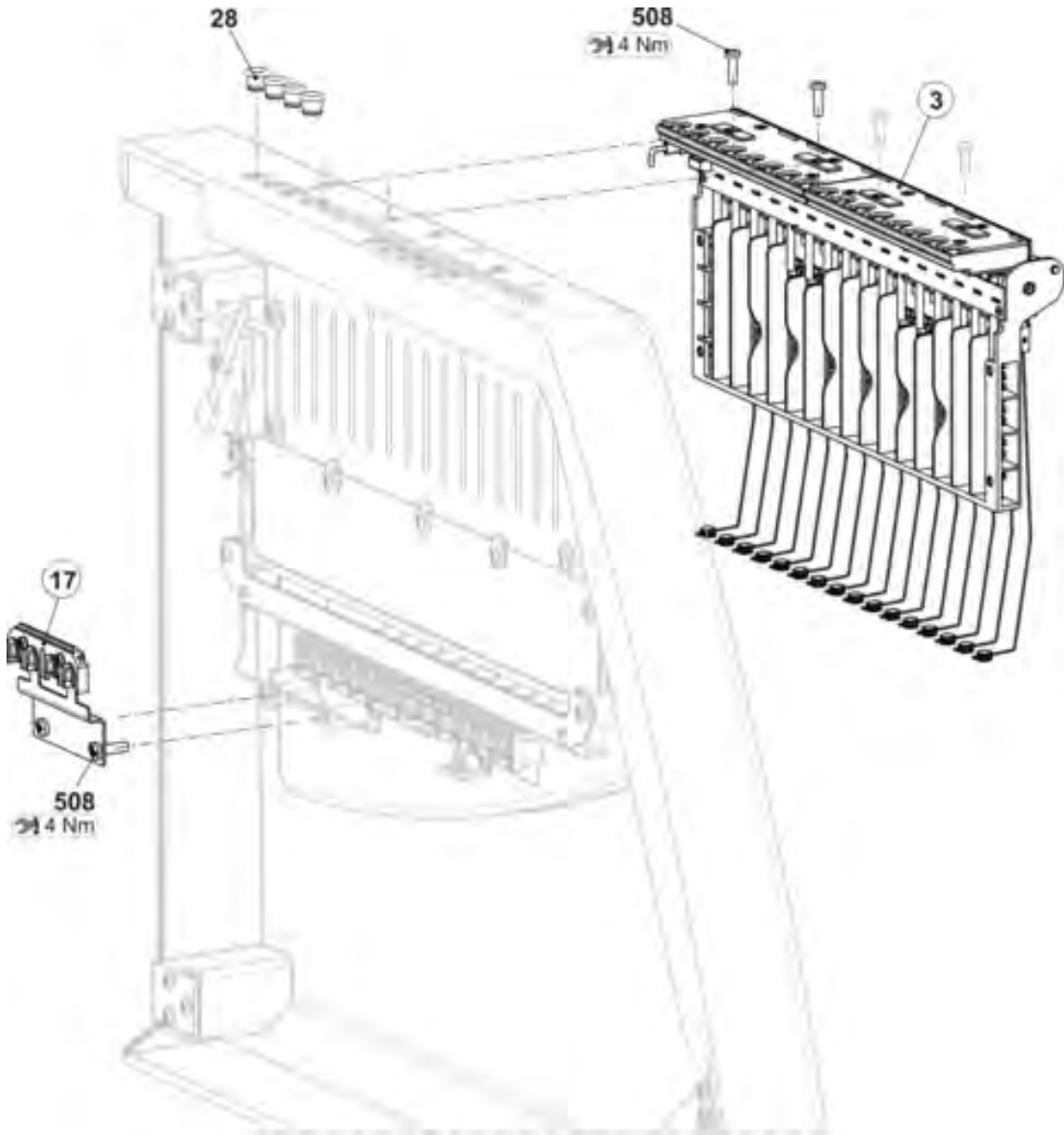
Pos	Designation	ID		Pos	Designation	ID
ΣL	Deflector on the left complete	259 573		ΣR	Deflector on the right complete	259 570
1	Support of yarn deflector	257 286		1	Support of yarn deflector	257 286
2	Yarn deflector on the left	259 572		2	Yarn deflector on the right complete	259 569
500	Cap screw M4x16	023 123		500	Cap screw M4x16	023 123
501	Hexagon nut M4-8	023 046		501	Hexagon nut M4-8	023 046
502	Washer4	020 879		502	Washer4	020 879
900	Screw KB60x20	237 682		900	Screw KB60x20	237 682



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

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

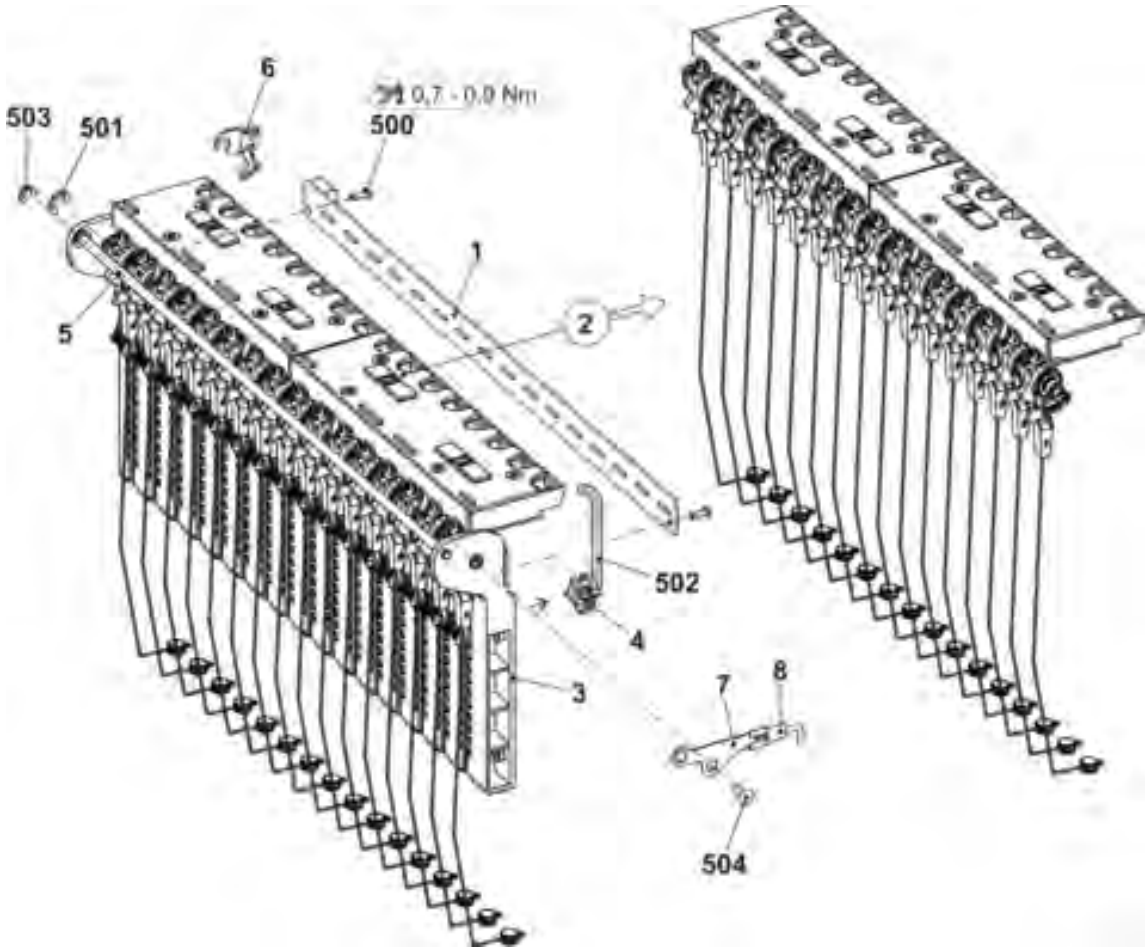
Pos	Designation	Id. no.		Pos	Designation	Id. no.
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
17	Deflector complete	259 570		508	Screw KB60x20	237 682



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

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

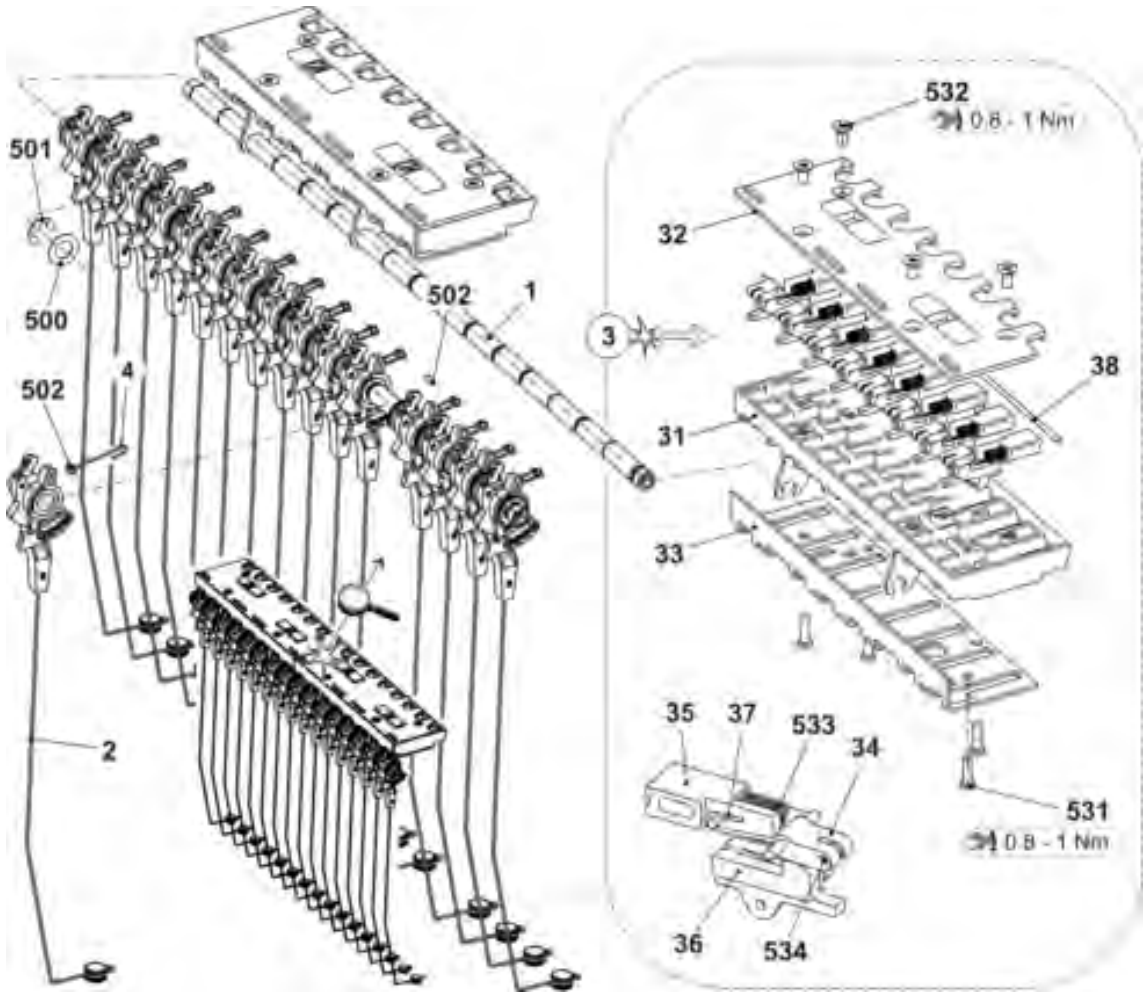
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Yarn tensioner on the left complete E10-18	258 463		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensioner okc	243 105
2	Tension axle completeE10-18	258 460		500	Screw KB30x8	236 228
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



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

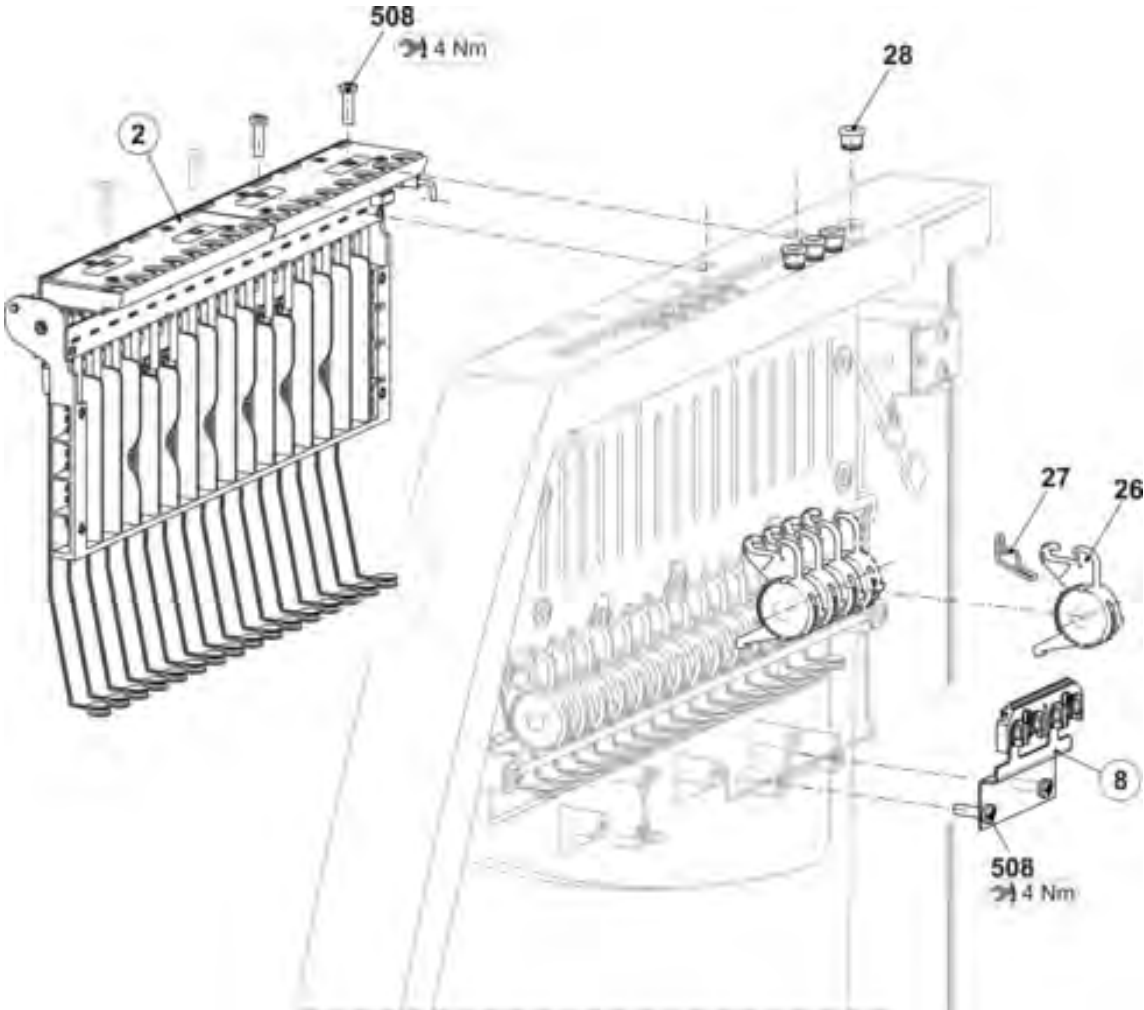
17.10.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle completeE10-18	258 460	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembledE10-18	258 459	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	HousingAKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



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

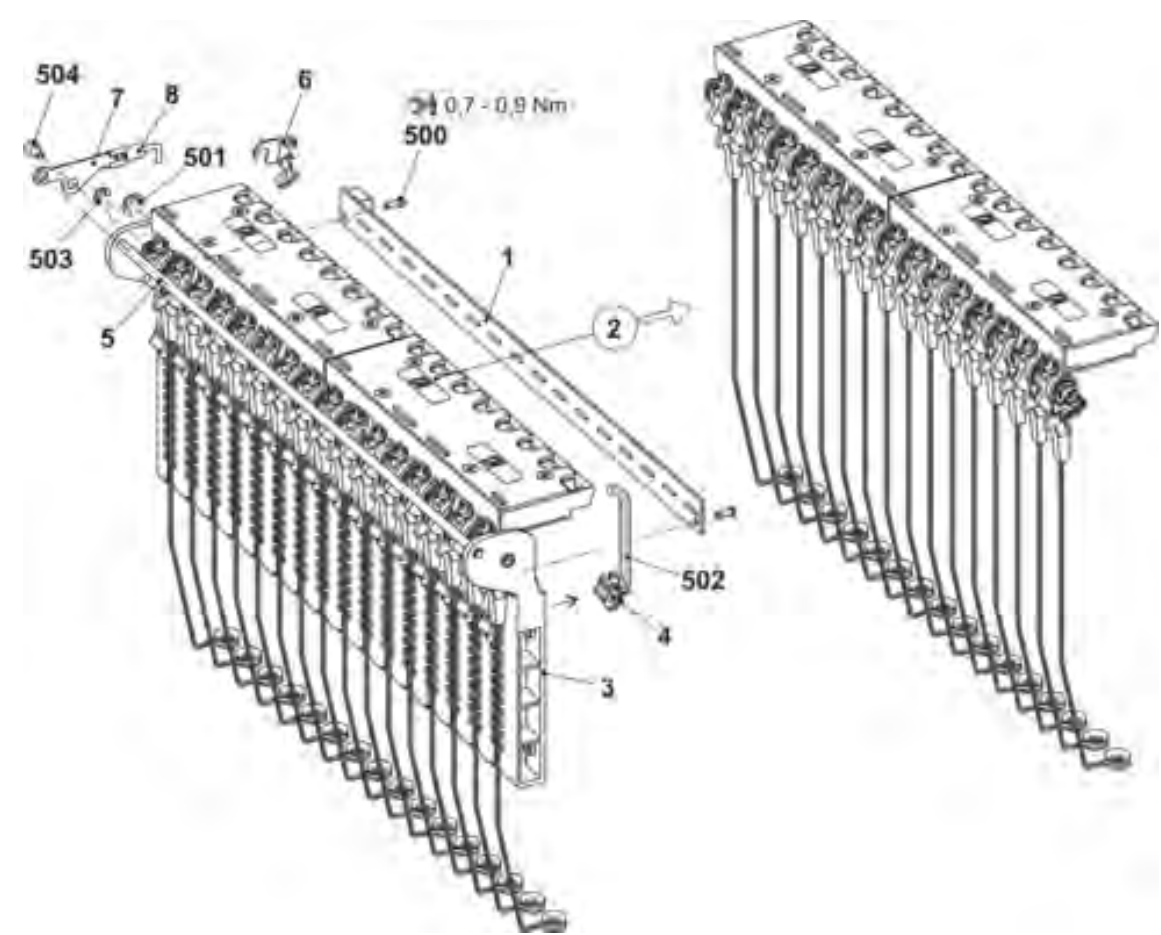
Pos	Designation	Id		Pos	Designation	Id
2	Yarn tensioner on the left complete E7-8	244 499		27	Clamping bow	244 409
8	Deflector on the left complete	259 573		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60x20	237 682



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

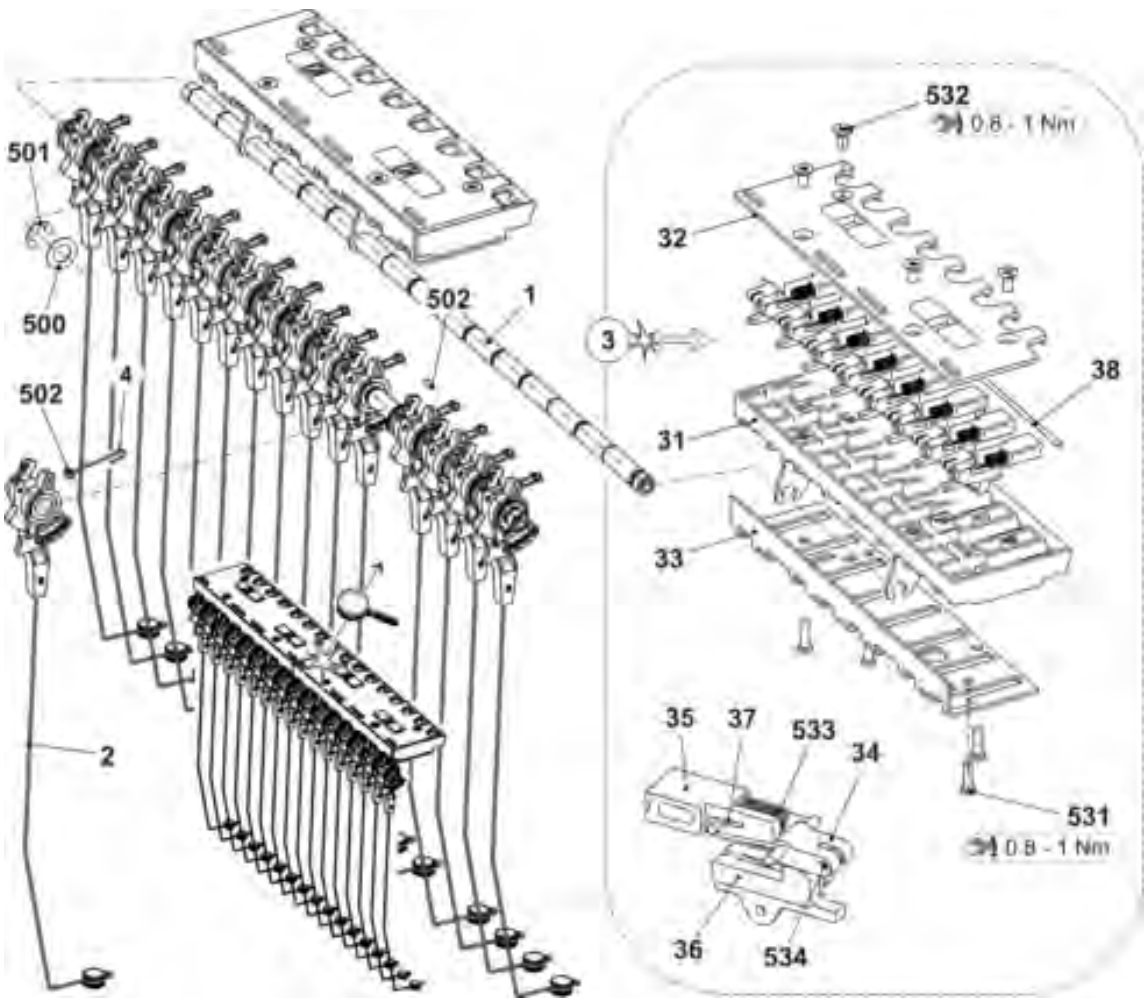
17.11.1 Yarn tensioner on the left E6.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
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 tensioner okc	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



17.11.1.1 Tension axle E6.2

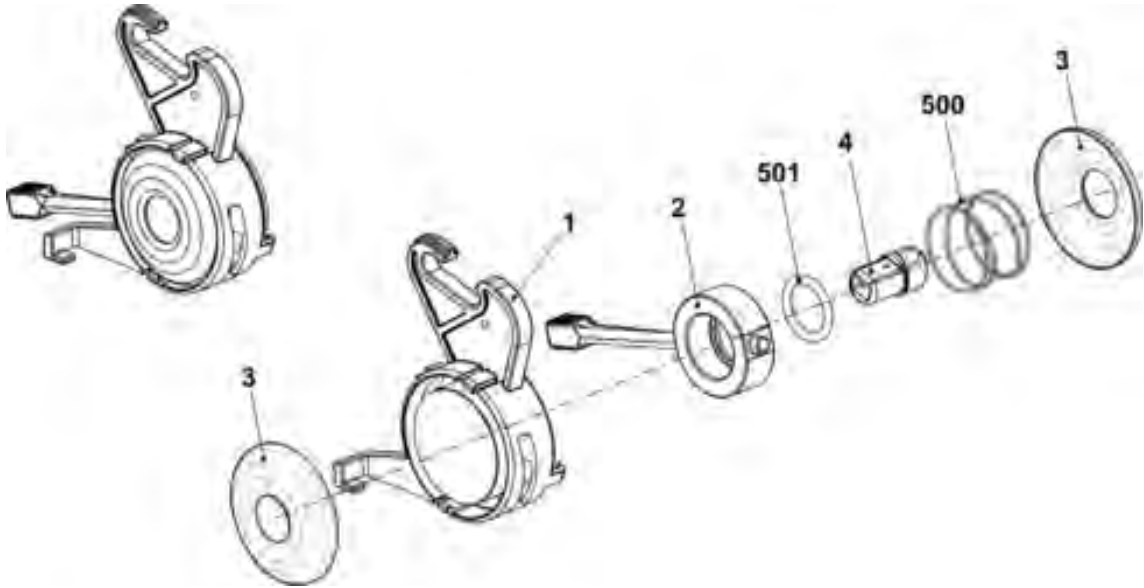
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle completeE6.2	244 494	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembledE3-8	259 448	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	HousingAKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



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

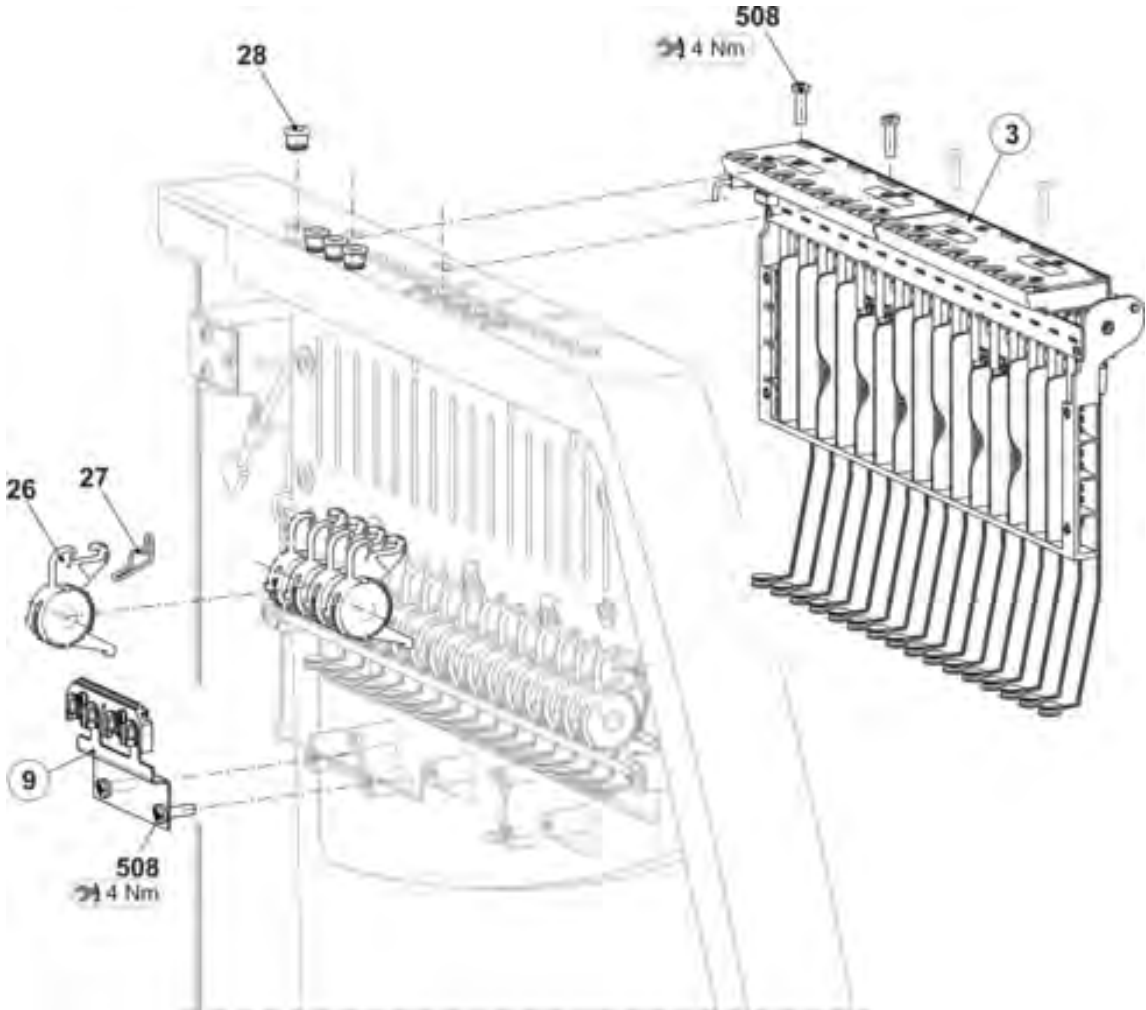
17.11.2 Yarn brake

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



17.12 Parts for the right safety door E6.2

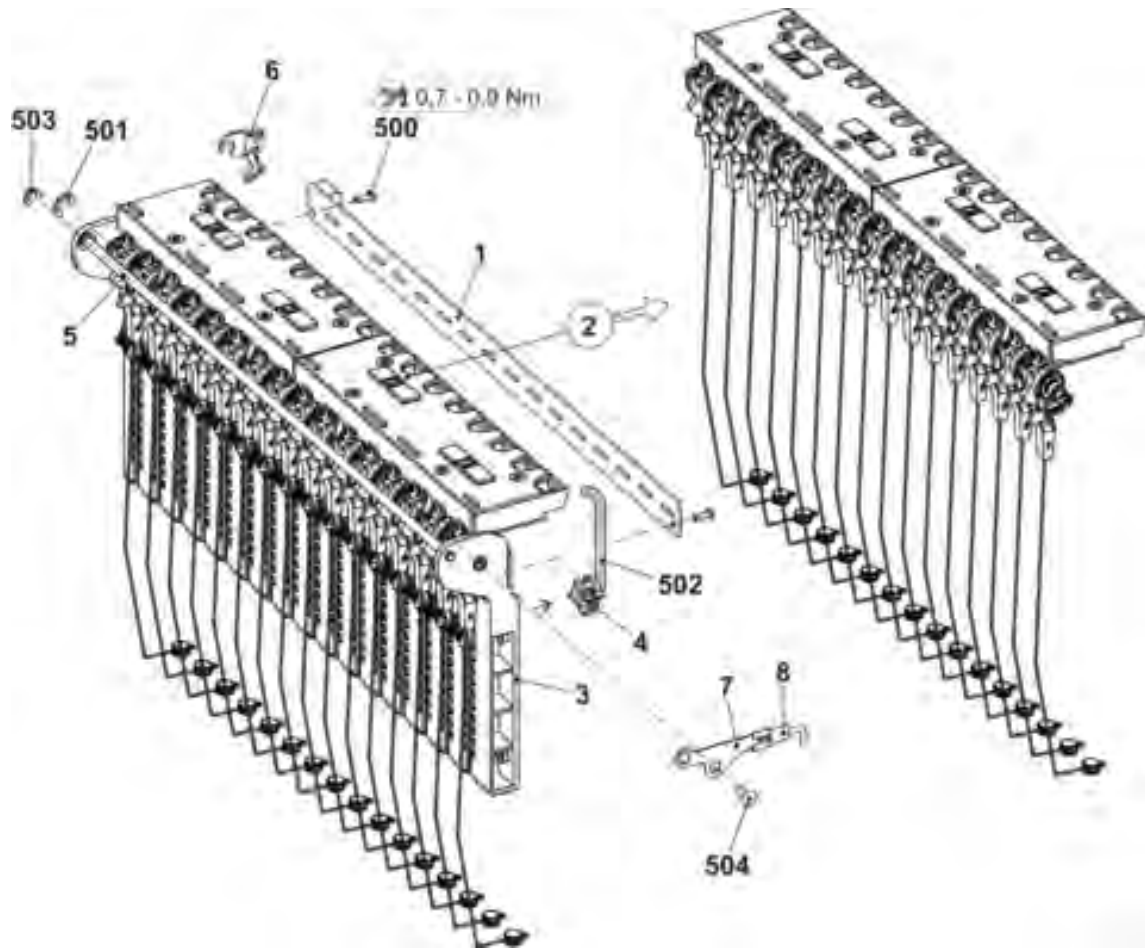
Pos	Designation	Id. no.		Pos	Designation	Id. no.
3	Yarn tensioner on the right complete E7-8	244 502		27	Clamping bow	244 409
9	Deflector on the right complete	259 570		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60x20	237 682



17.12 Parts for the right safety door E6.2

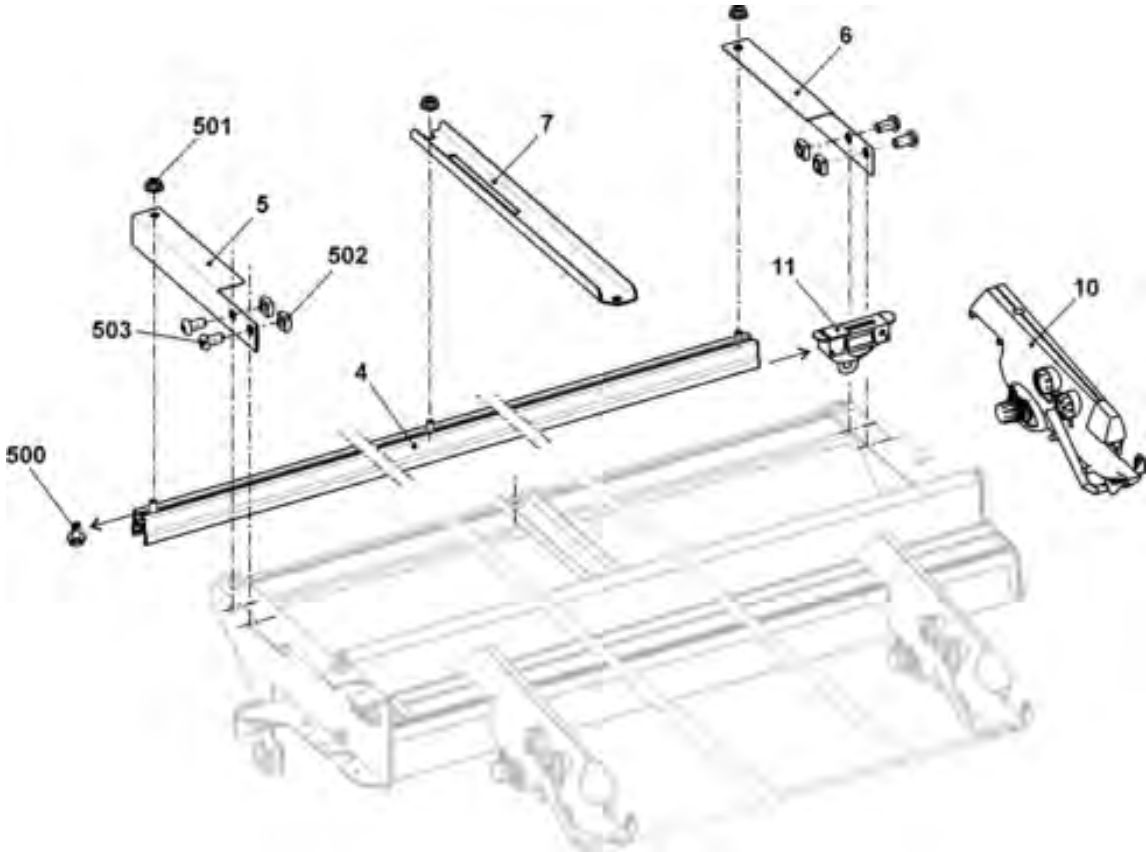
17.12.1 Yarn tensioner on the right E6.2

Pos	Designation	Id. no.		Pos	Designation	Id. no.
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 tensioner OKC	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



17.13 Parts for the yarn guide system

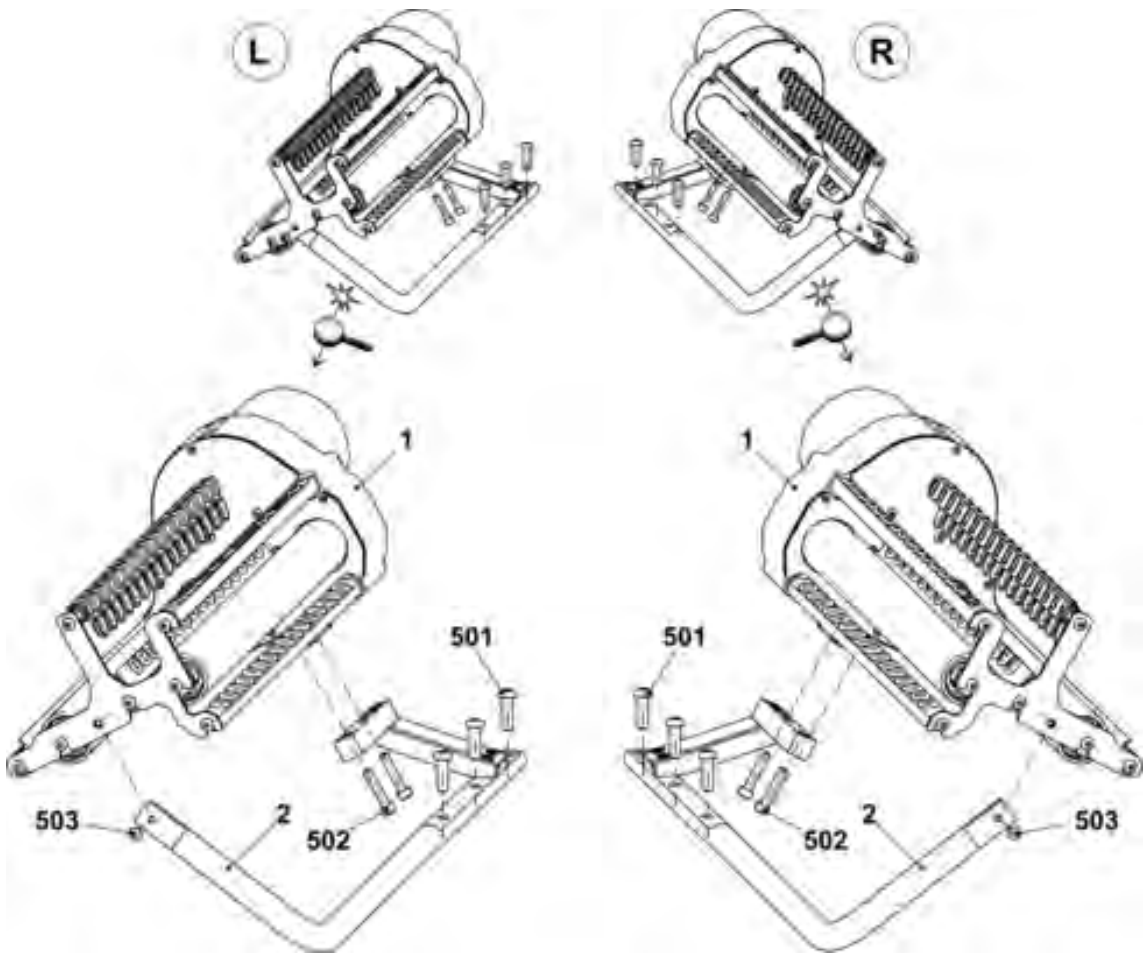
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Yarn guide system					
4	Yarn guide bar84"	236 932		11	Yarn guide bracket complete	241 581
5	Support on the left	243 602		500	Self-locking screw M6x12	023 415
6	Support on the right	243 603		501	Serrated nut M6-10	023 414
7	Support	239 295		502	Square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



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

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

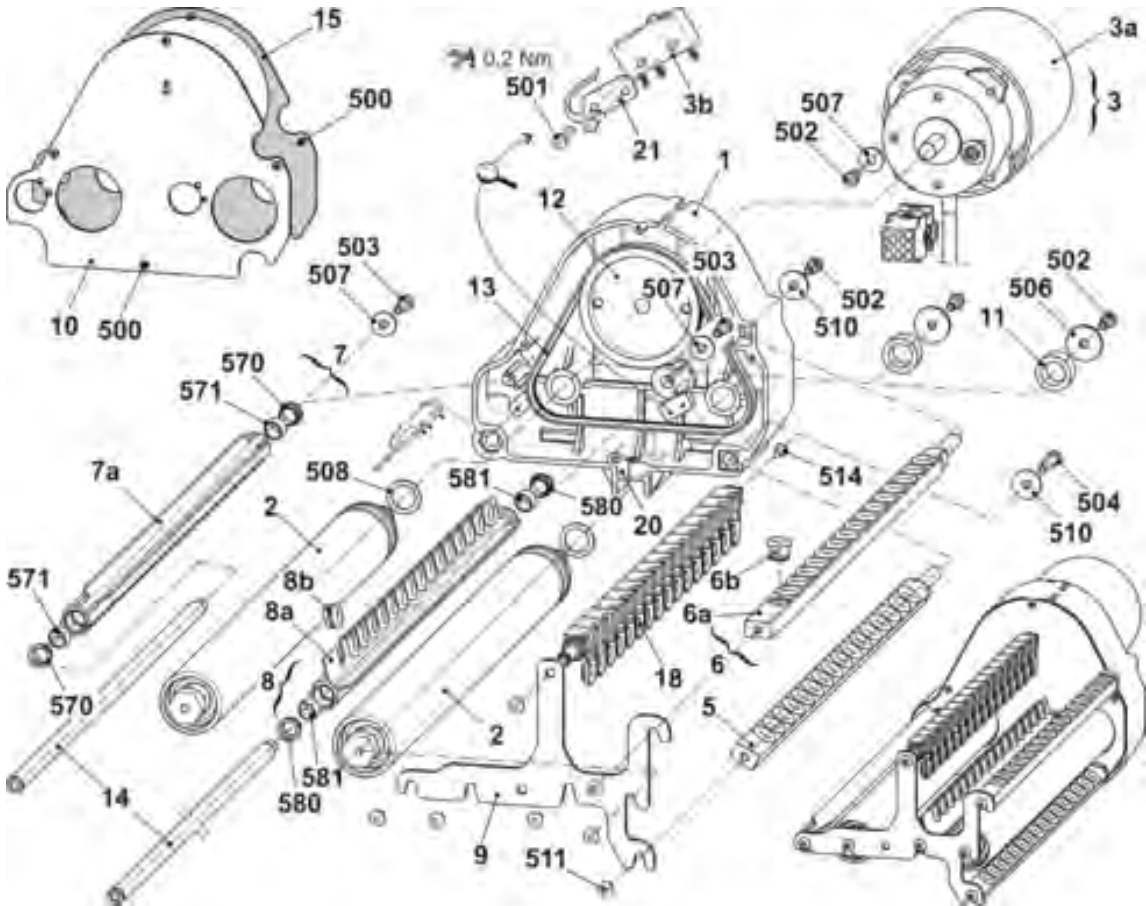
Pos	Designation	Id		Pos	Designation	Id
ΣL	Friction feed wheel 16 fold on the left complete	244 991		ΣR	Friction feed wheel 16 fold on the right complete	244 992
1	Friction feed wheel on the left	244 185		1	Friction feed wheel on the right	244 186
2	Support on the left	243 869		2	Support right	244 142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



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

17.14.1 Friction feed wheel on the left

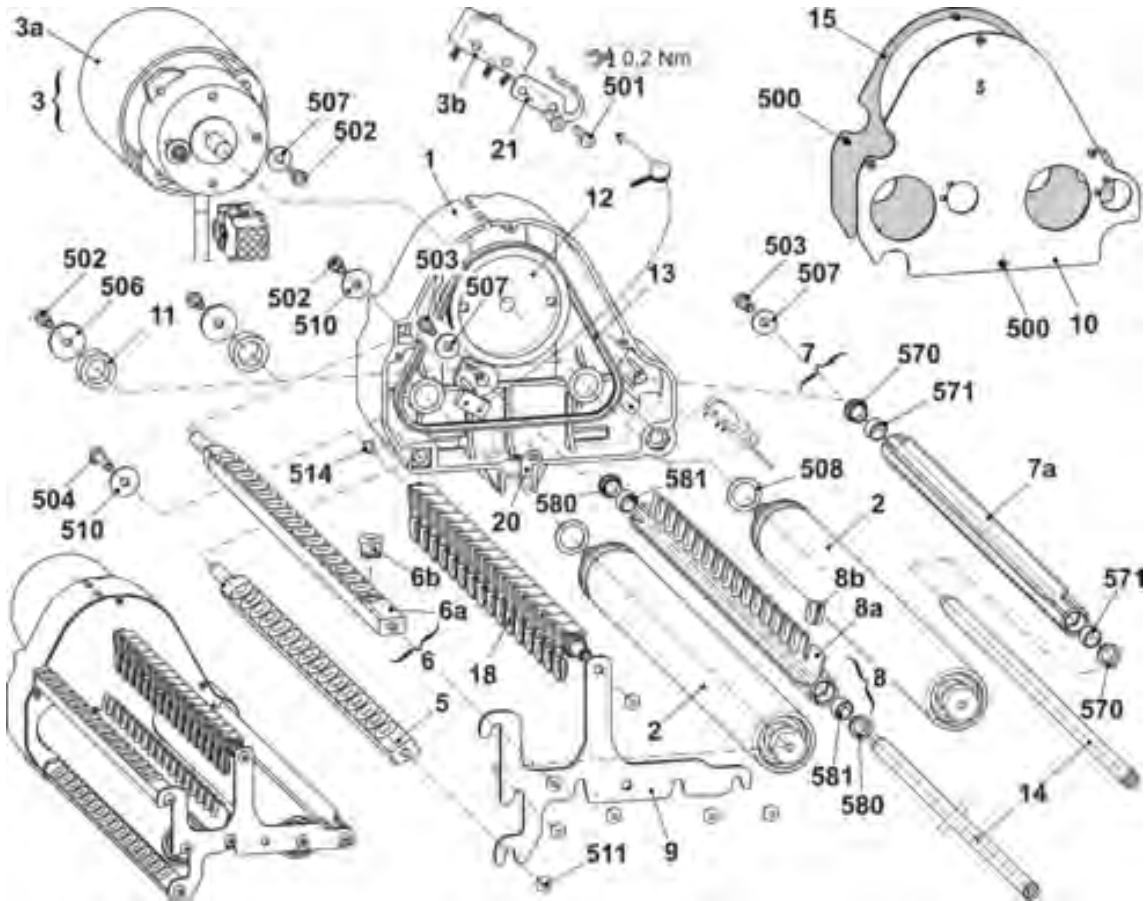
Pos	Designation	Id		Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the left complete	244 185		10	Cover	251 098
1	Housing	240 368		11	Bush	221 391
2	Friction roller complete	243 860		12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800		13	Ribbed V-belt	206 927
3a	Three-phase 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 screw M5x12	020 132
570	Slide bearing GFM-101214-07	023 627		503	Cap screw M5x16	022 726
571	Guide piece	259 453		504	Cap screw M5x25	023 523
8	Stop motion rail on the left complete	243 865		506	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 screw M5x8	239 408
9	Bracket	251 113		514	Pan head screw M4x8	023 579



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

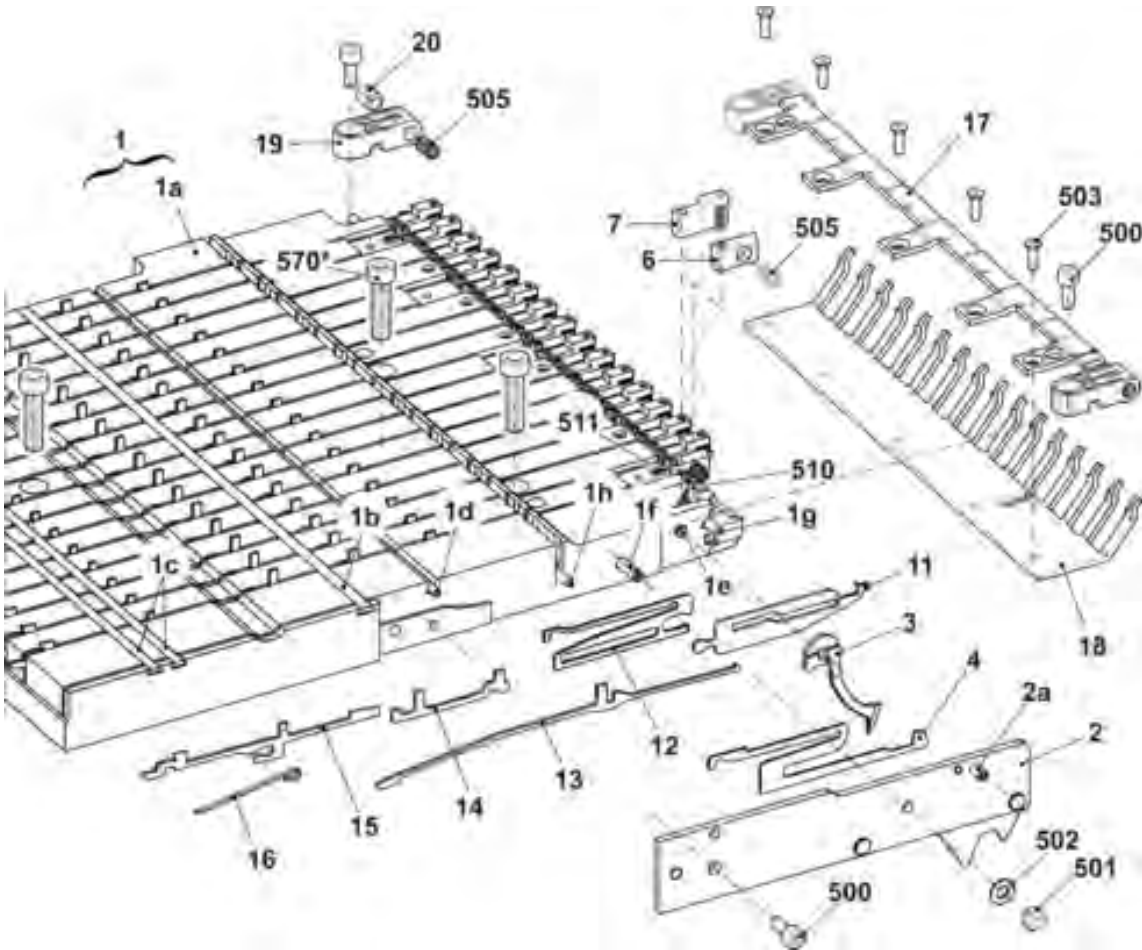
17.14.2 Friction feed wheel on the right

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 screw M5x12	020 132
	570 Slide bearing GFM-101214-07	023 627	503	Cap screw M5x16	022 726
	571 Guide piece	259 453	504	Cap screw M5x25	023 523
8	Stop motion rail on the right complete	244 530	506	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 screw M5x8	239 408
9	Bracket	251 113	514	Pan head screw M4x8	023 579



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

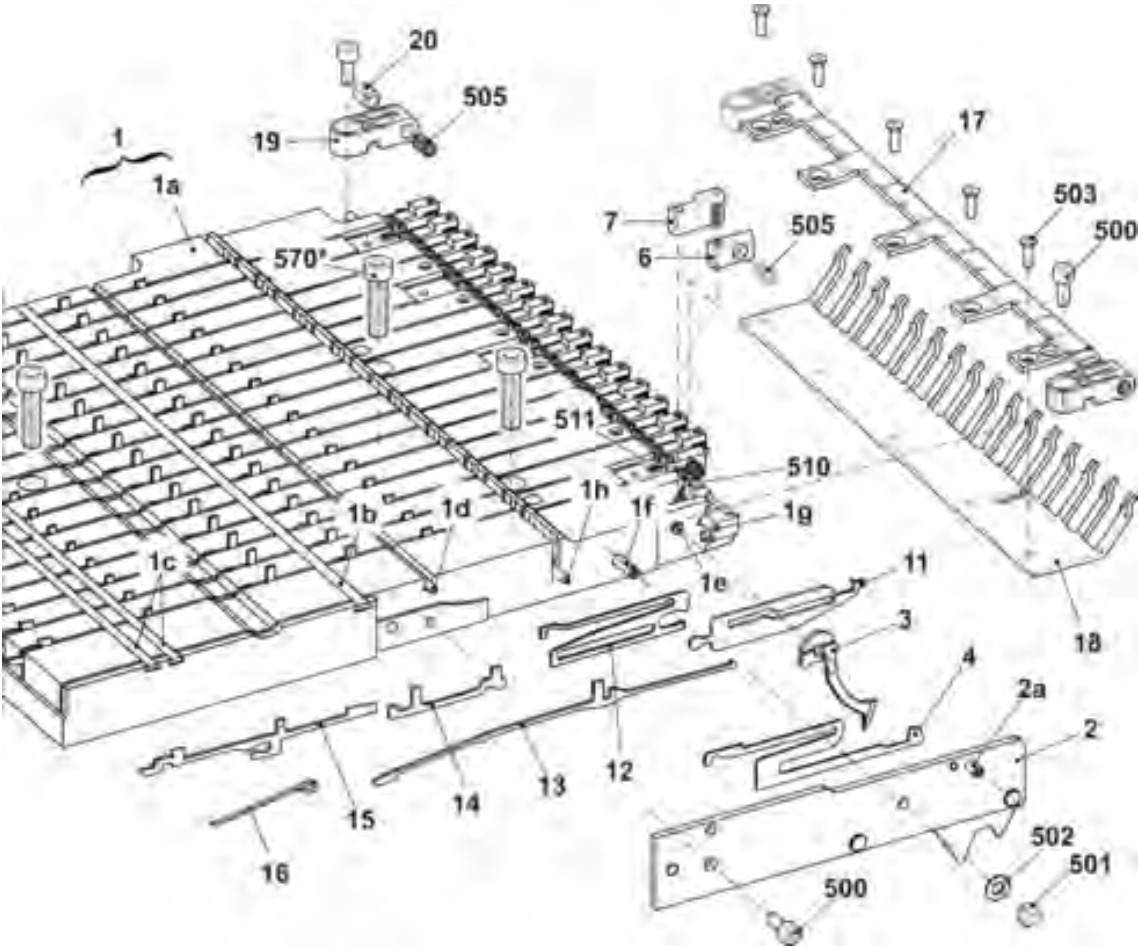
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Left clamping and cutting bed E10-14	253 682		7	Clamp on the left complete	244 633
1	Guide plate EPT on the left E5-14	257 236		11	Catch needle on the left E5-14	244 630
	1a	Guide plate on the left E10-14	257 232	12	Intermediate cam E10-14	244 591
	1b	Cover rail	243 923	13	Coupling part E5-8	253 381
	1c	Cover rail	243 924	14	Intermediate slider with brake E5-8	255 534
	1d	Locating wire	243 925	15	Selection jack E4-8	200 687
	1e	Axle	257 201	16	Selector spring E4-8	200 690
	1f	Guide pin	211 351	17	Holding strip on the left	256 996
	1g	Locating wire	215 927	18	Deflector plate on the left	255 556
	1h	Locating wire	244 589	19	Spring holder	255 724
	510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
	511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E5-14	260 967		501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235		502	Washer4	020 870
3	Catch hook on the left E5-14	260 969		503	Pan-head screw M3x10	242 029
4	SliderE5-14	258 050		505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948		570*	Cap screw M6x20	244 824



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

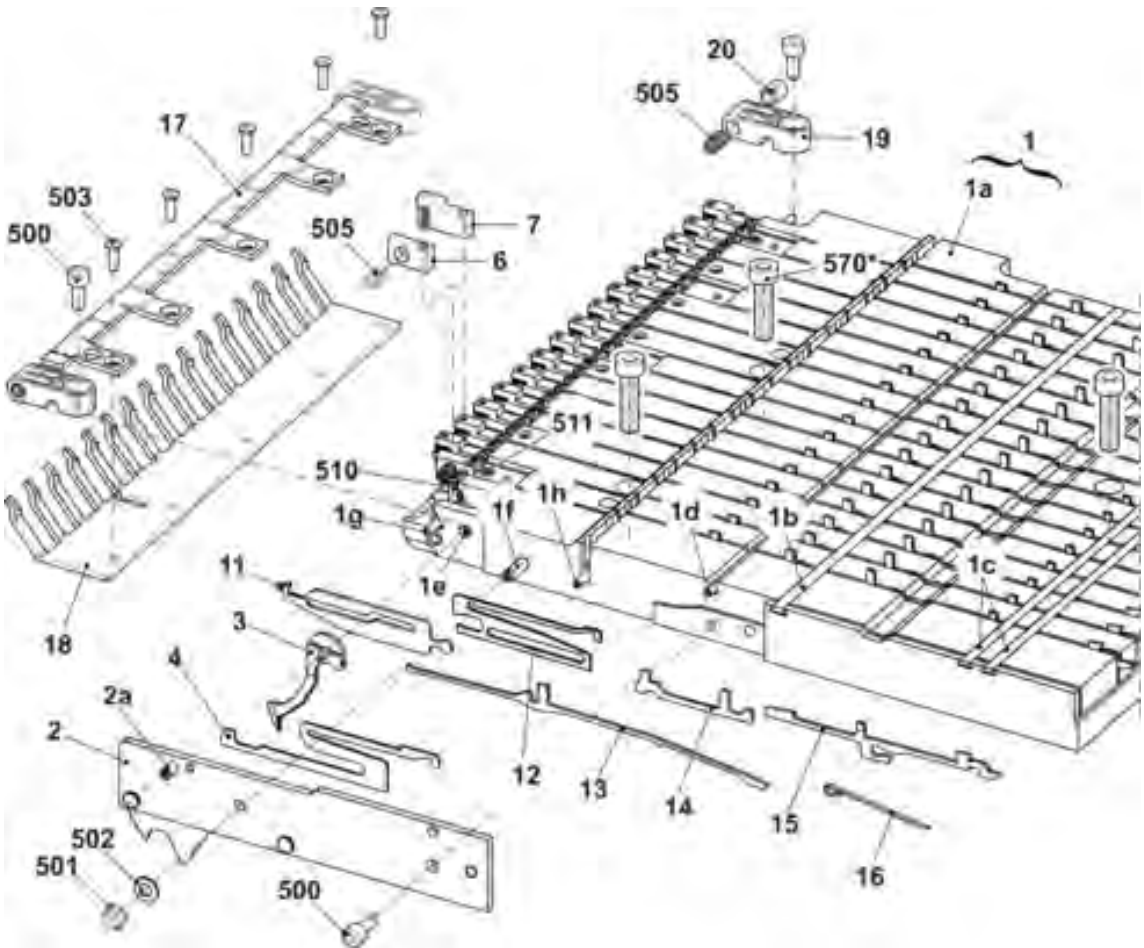
17.16 Left clamping and cutting bed E16|E18|E8.2

Pos	Designation		Id	Pos	Designation		Id
Σ	Left clamping and cutting bed E16-18		253 684	7	Clamp on the left complete		244 633
1	Guide plate EPT on the left E16-18		257 238	11	Catch needle on the left E16-18		244 740
	1a	Guide plate on the left E16-18	257 234	12	Intermediate cam		244 741
	1b	Cover rail	243 923	13	Coupling part E10-12		253 382
	1c	Cover rail	243 924	14	Intermediate slider with brake E10-12		255 535
	1d	Locating wire	243 925	15	Selection jack E10-12		200 688
	1e	Axle	257 201	16	Selector spring E10-12		200 691
	1f	Guide pin	211 351	17	Holding strip on the left		256 996
	1g	Locating wire	215 927	18	Deflector plate on the left		255 556
	1h	Locating wire	244 589	19	Spring holder		255 724
	510	Dowel pin 3x14	252 771	20	Threaded bolt		255 723
	511	Setscrew M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the left complete E16-18		259 407	501	Hexagon nut M4		023 046
2a	Springy thrust piece N4		260 235	502	Washer4		020 870
3	Catch hook on the left E16-18		259 311	503	Pan-head screw M3x10		242 029
4	SliderE16-18		259 309	505	Compression spring 07x4,3x12,1		023 521
6	Blade		243 948	570*	Cap screw M6x20		244 824



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

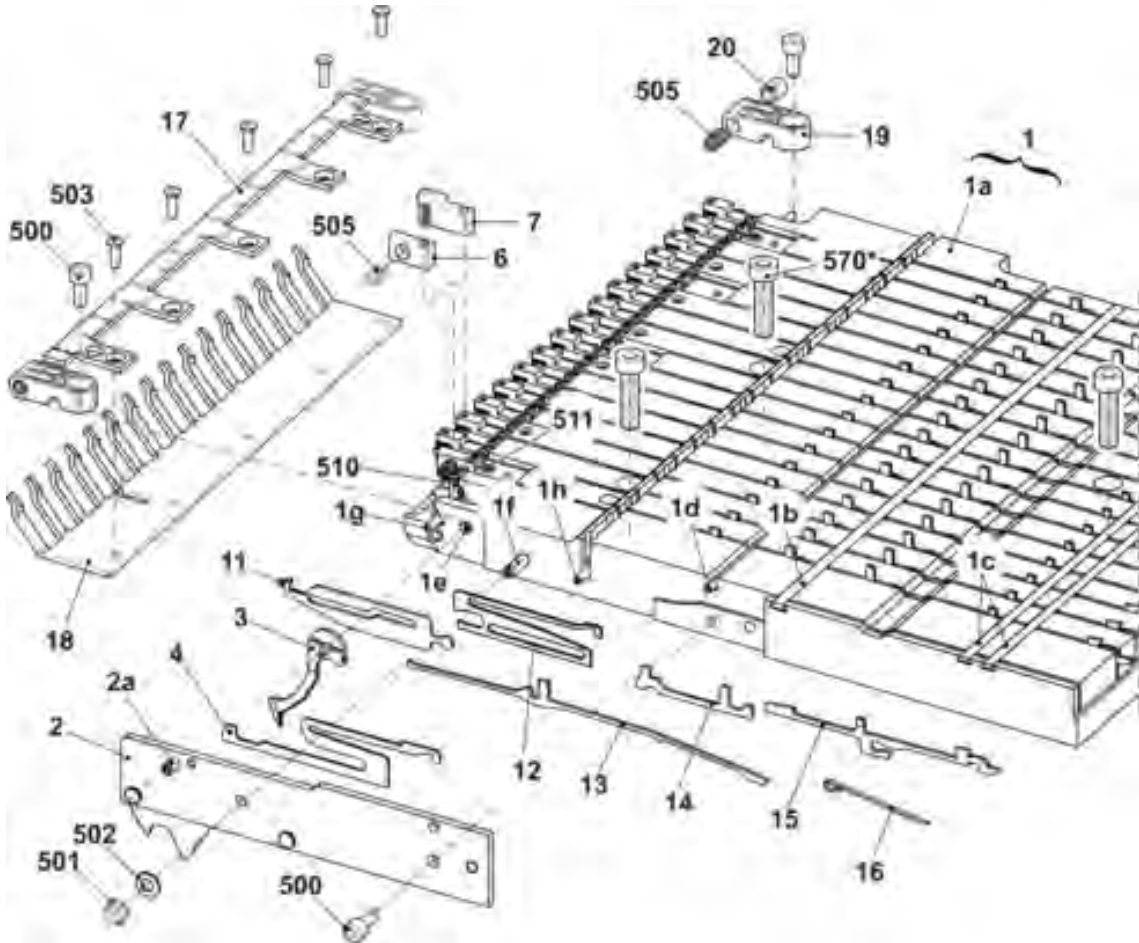
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E10-14	253 681	7	Clamp on the right complete	244 602
1	Guide plate EPT on the right E5-14	257 235	11	Catch needle on the right E10-14	244 592
1a	Guide plate on the rightE5-14	257 231	12	Intermediate cam E10-14	244 591
1b	Cover rail	243 923	13	Coupling part E5-8	253 381
1c	Cover rail	243 924	14	Intermediate slider with brake E5-8	255 534
1d	Locating wire	243 925	15	Selection jack E4-8	200 687
1e	Axle	257 201	16	Selector spring E4-8	200 690
1f	Guide pin	211 351	17	Holding strip on the right	256 995
1g	Locating wire	215 927	18	Deflector plate on the right	255 555
1h	Locating wire	244 589	19	Spring holder	255 724
510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E5-14	260 966	501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235	502	Washer4	020 870
3	Catch hook on the right complete E5-14	260 968	503	Pan-head screw M3x10	242 029
4	SliderE5-14	258 050	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	570*	Cap screw M6x20	244 824



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

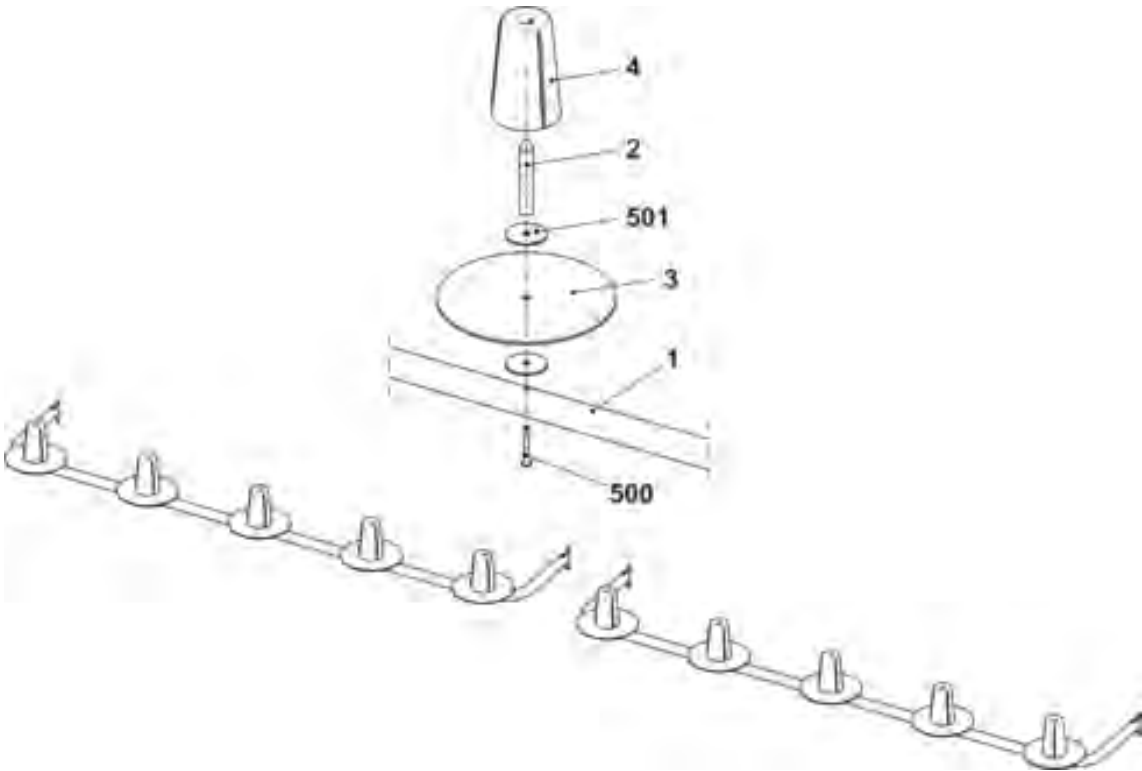
17.18 Right clamping and cutting bed E16 | E18 | E8.2

Pos	Designation		Id	Pos	Designation		Id
Σ	Clamping and cutting bed on the right E16-18		253 683	7	Clamp on the right complete		244 602
1	Guide plate EPT on the right E3		257 237	11	Catch needle on the right E16-18		244 739
1a	1a	Guide plate on the rightE3	257 233	12	Intermediate cam		244 741
	1b	Cover rail	243 923	13	Coupling part E10-12		253 382
	1c	Cover rail	243 924	14	Intermediate slider with brake E10-12		255 535
	1d	Locating wire	243 925	15	Selection jack E10-12		200 688
	1e	Axle	257 201	16	Selector spring E10-12		200 691
	1f	Guide pin	211 351	17	Holding strip on the right		256 995
	1g	Locating wire	215 927	18	Deflector plate on the right		255 555
	1h	Locating wire	244 589	19	Spring holder		255 724
	510	Dowel pin 3x14	252 771	20	Threaded bolt		255 723
	511	Setscrew M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the right complete E16-18		259 406	501	Hexagon nut M4		023 046
2a	Springy thrust piece N4		260 235	502	Washer4		020 870
3	Catch hook on the right complete E16-18		259 310	503	Pan-head screw M3x10		242 029
4	SliderE16-18		259 309	505	Compression spring 07x4,3x12,1		023 521
6	Blade		243 948	570*	Cap screw M6x20		244 824



17.19 Additional bobbin board

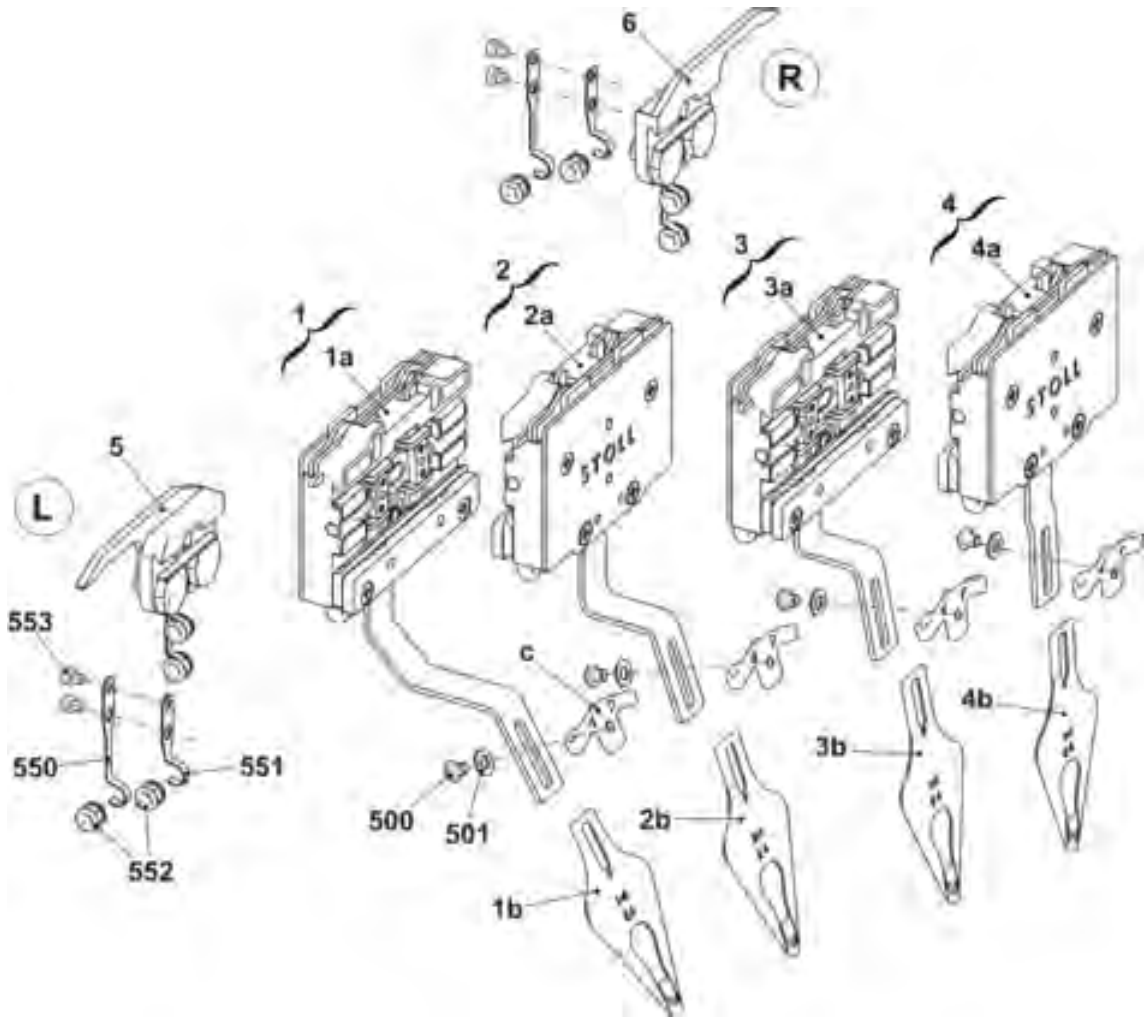
Pos	Designation	Id. no.		Pos	Designation	Id. no.
Σ	Additional bobbin board 7XX/8XX	241 928				
1	Additional bobbin board welded	241 927		4	Bobbin support	200 363
2	Positioning pin	202 777		500	Pan head screw M4x30	023 681
3	DiskD=130	062 385		501	Washer5,3x30x1,25	023 556



17.20 Yarn guide complete (32 IFF) E6.2

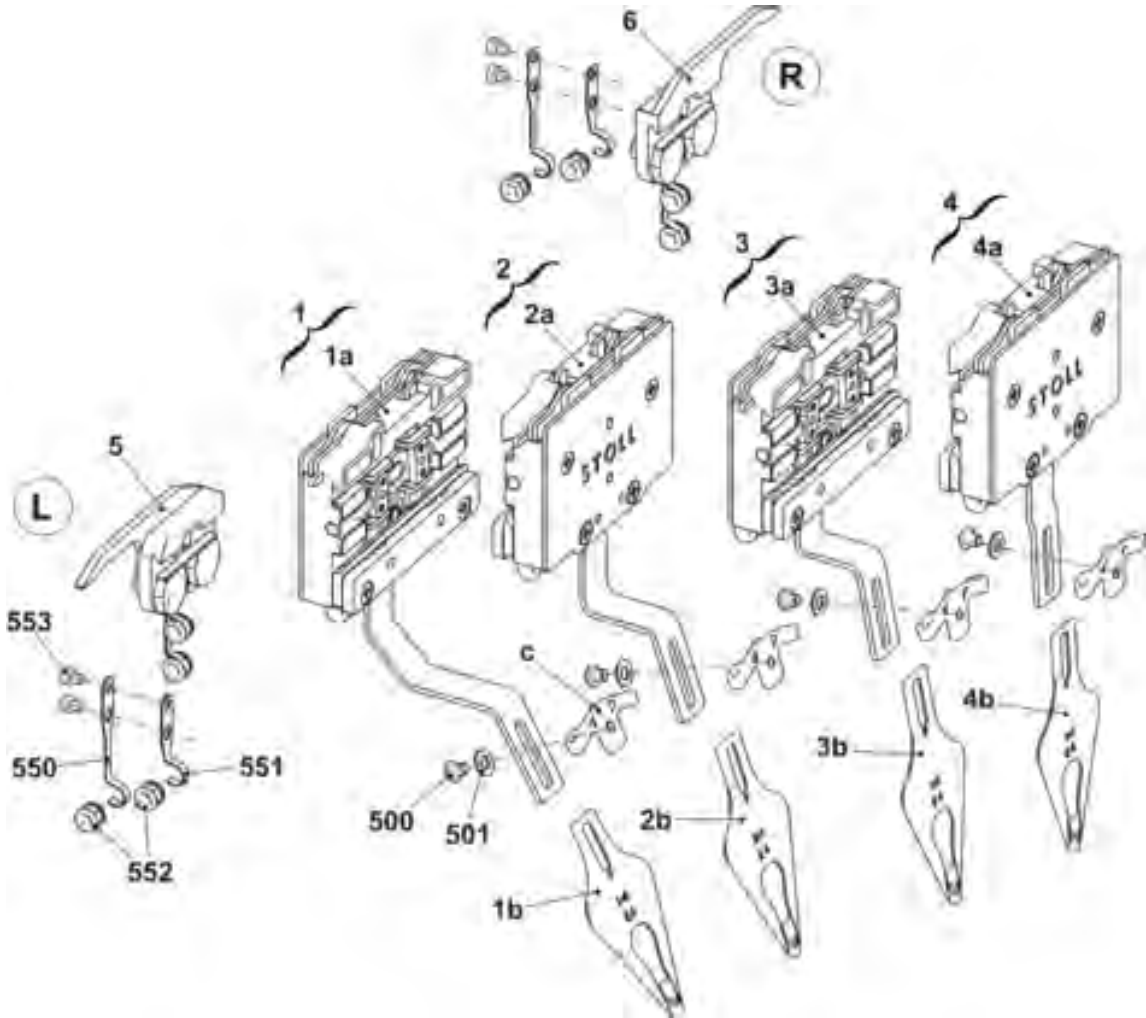
17.20 Yarn guide complete (32 IFF) E6.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide complete IFF E7-8	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 screw M3,5x4	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			



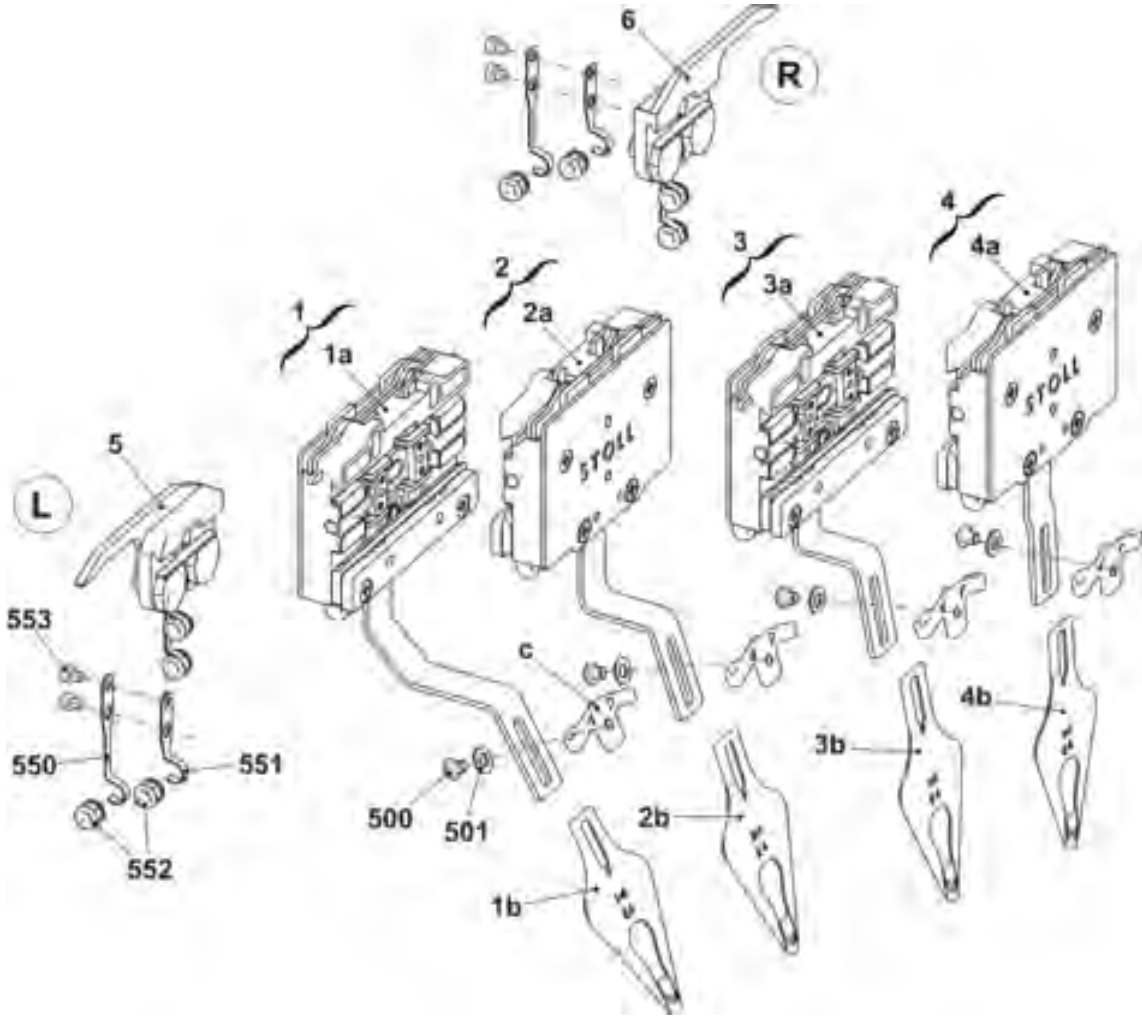
17.21 Yarn guide complete (32 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

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



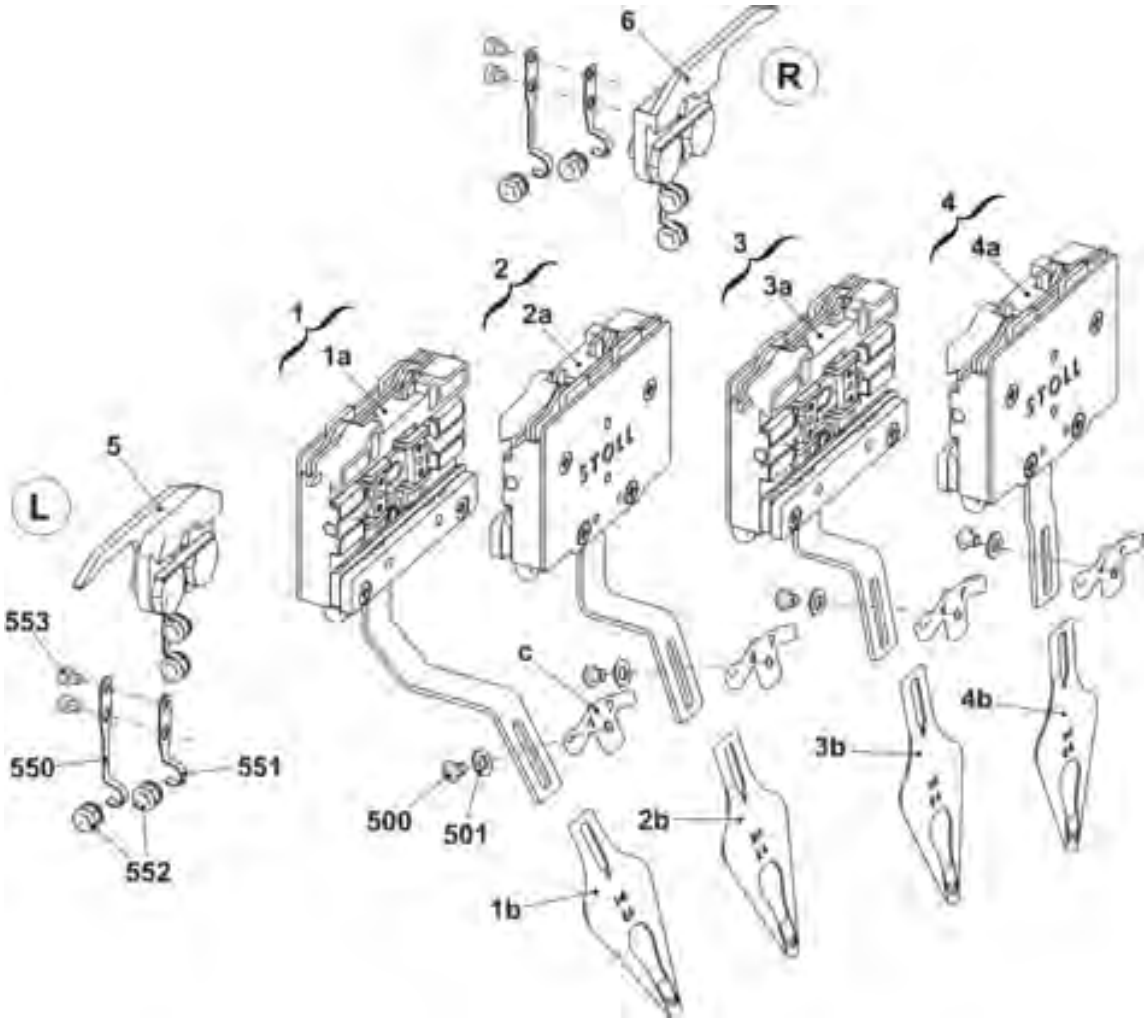
17.22 Yarn guide complete (32 IFF) E16|E18

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			



17.23 Yarn guide complete (24 IFF) E6.2

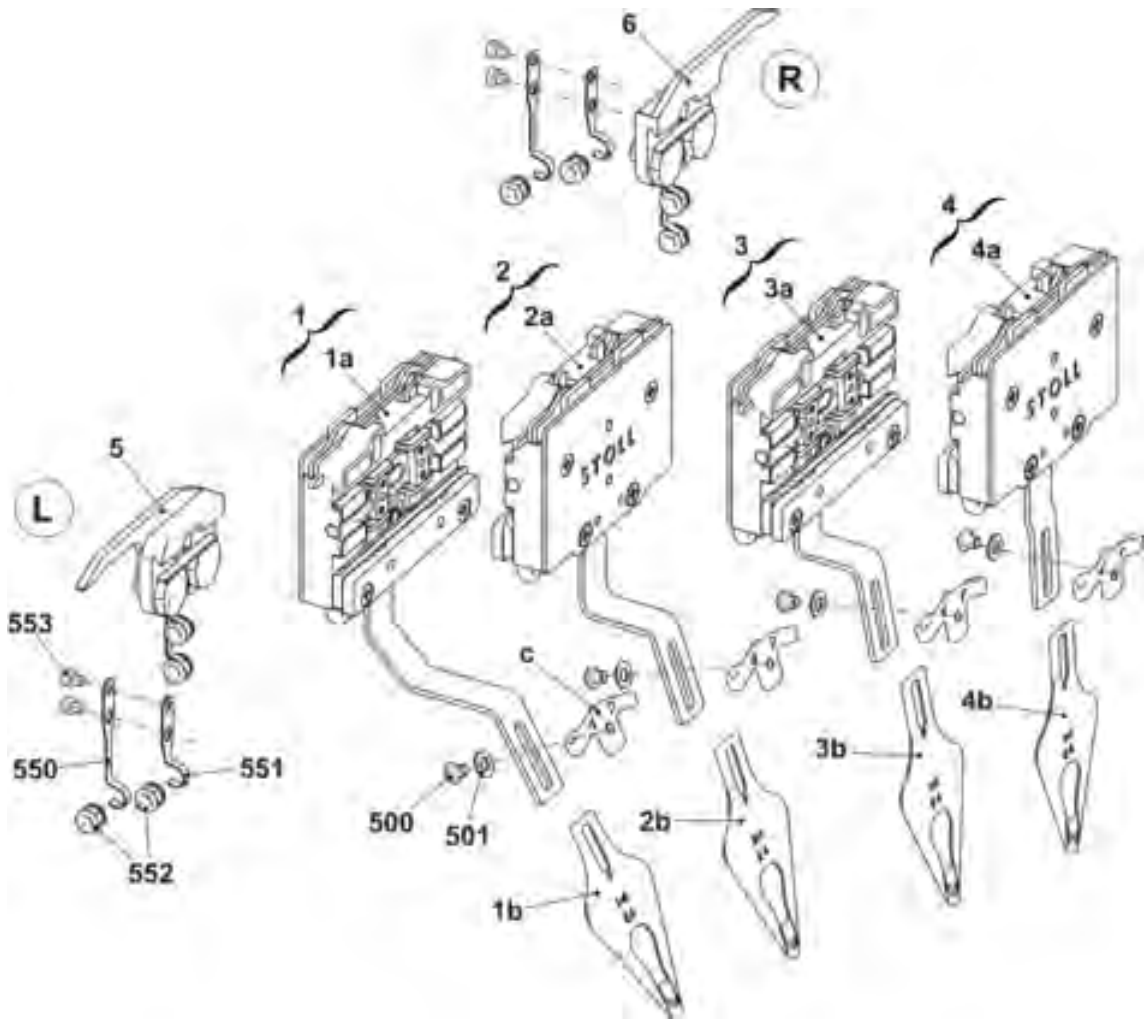
Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFF carriage complete 1+8 E7-8 (6 pieces)	259 736	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete 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			



17.24 Yarn guide complete (24 IFF) E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

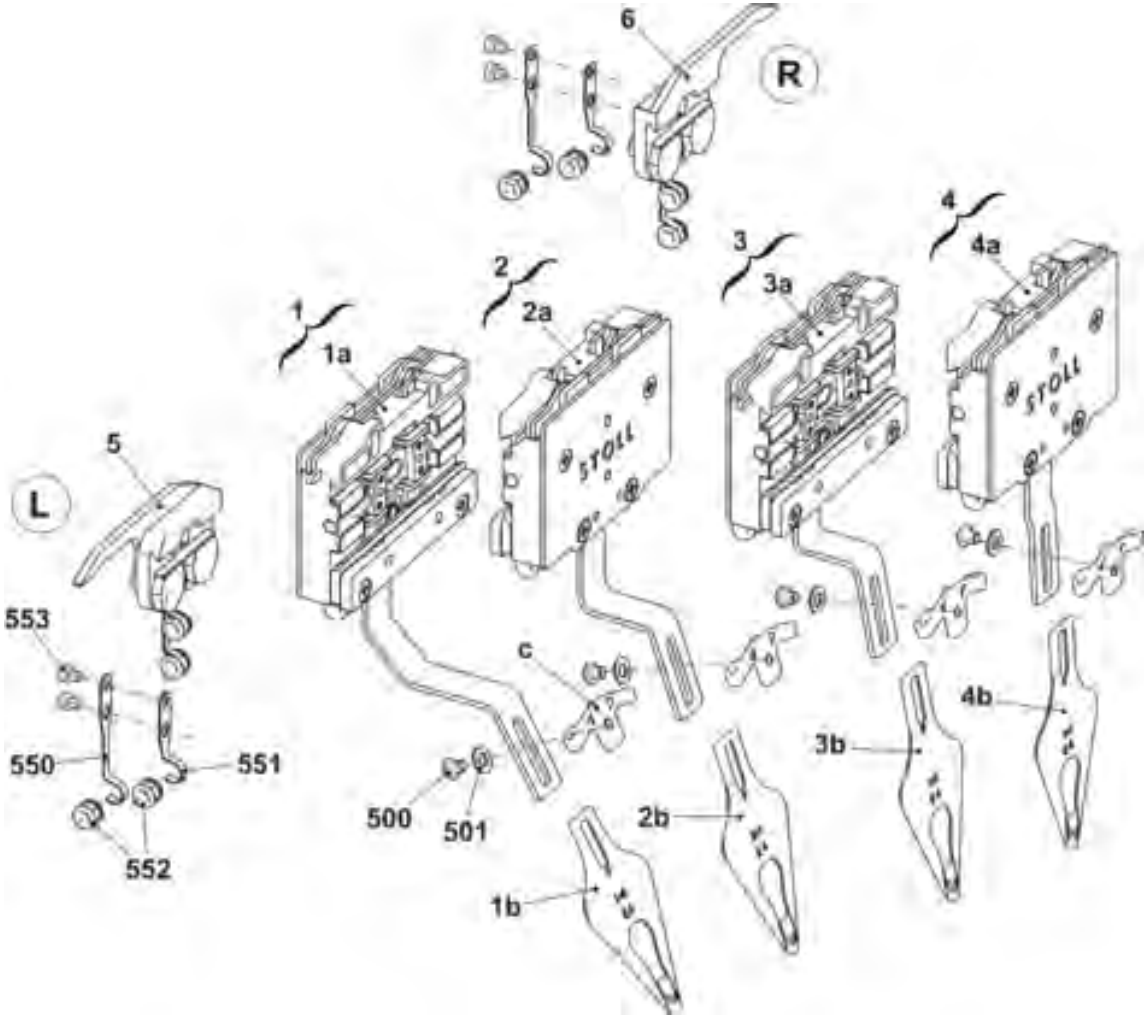
17.24 Yarn guide complete (24 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide completeE10-14 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 E10-14	259 731			
	4b Yarn carrier head 3-6 complete E10-14	260 610			



17.25 Yarn guide complete (24 IFF) E16|E18

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 Stopping device

17.26 Stopping device

Pos	Designation	Id. no.		Pos	Designation	Id. no.
L+R	Stopping device 16-fold complete	259 455				
1	Support plate	259 401		509*	Washer6	022 537
2	Yarn brake	259 440		510*	Pan head screw M5x10	023 247

