

STOLL

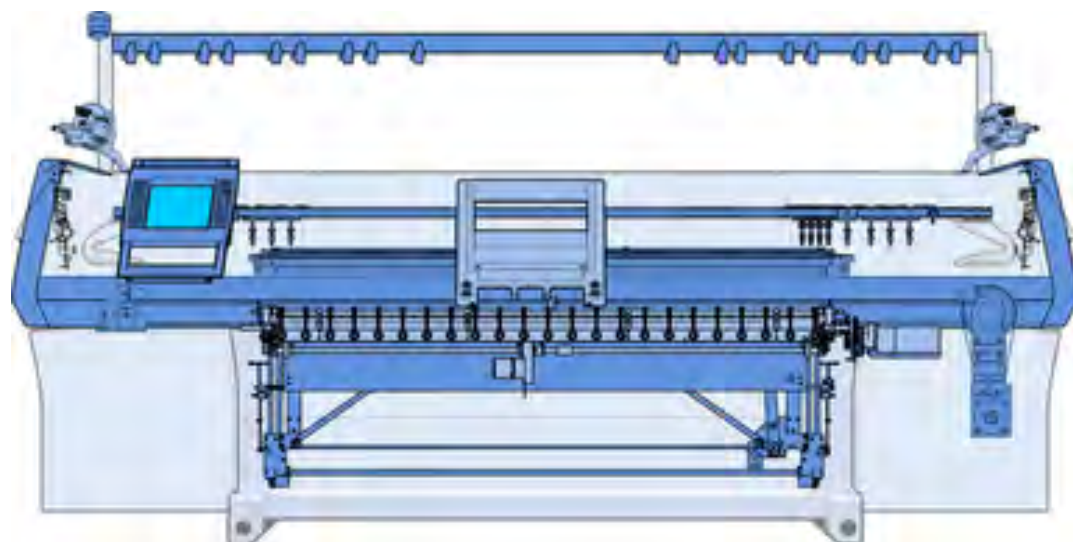
THE RIGHT WAY TO KNIT

Spare-parts catalog

CMS 730T (Type 588)

Component type 003

E6.2(12) | E7.2(12) | E6.2 | E7.2



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Issue 03/2012

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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.

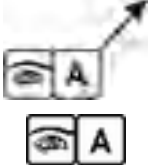
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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.

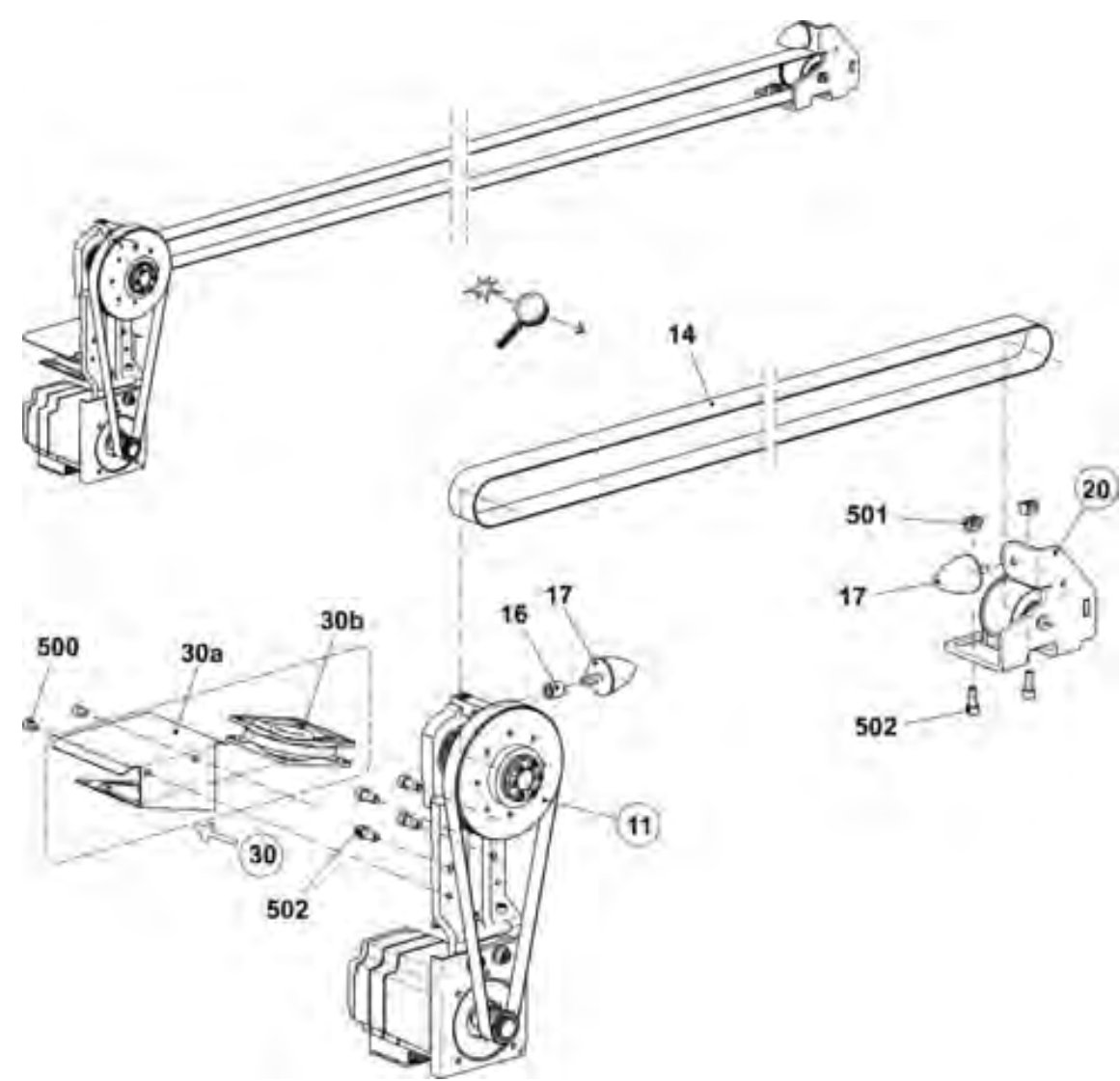
Notes:

2 Carriage drive



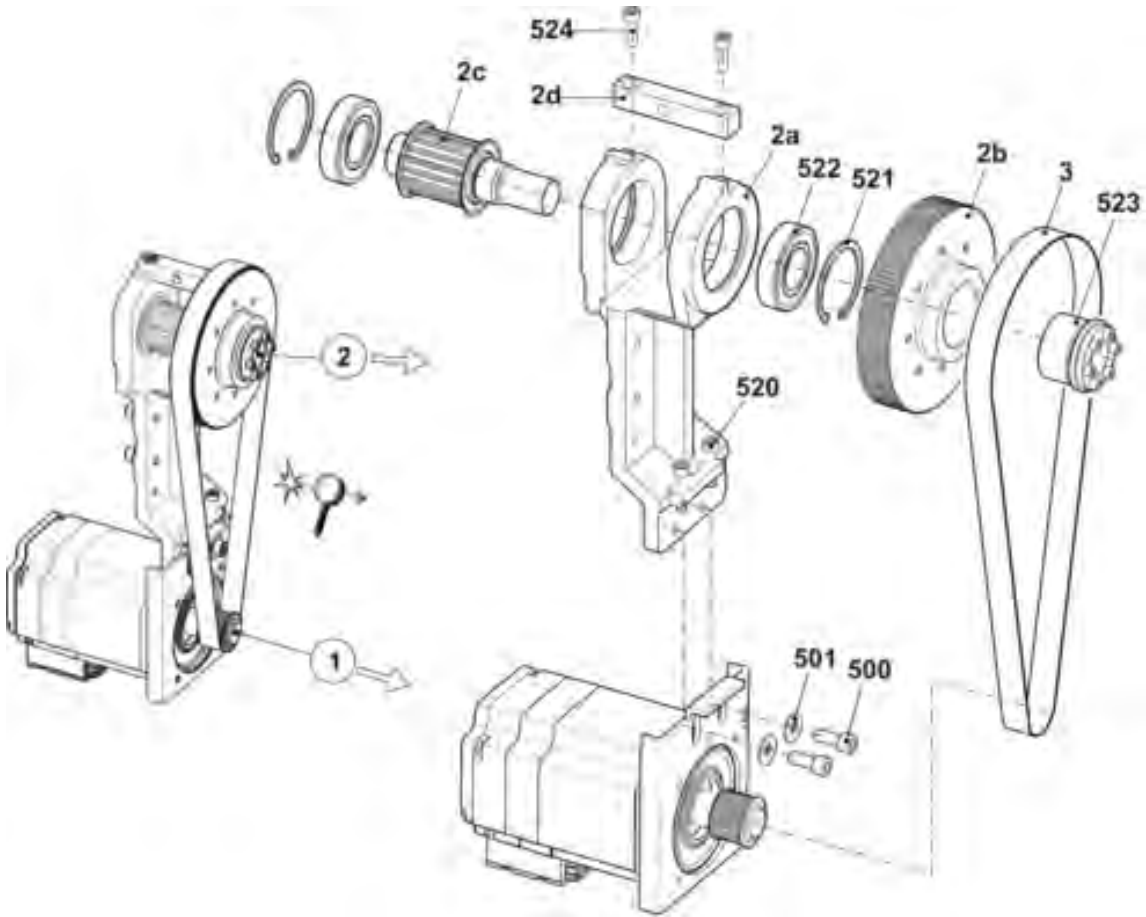
2.1 Drive

Pos	Designation	ID		Pos	Designation	ID
Σ	Drive unit			30	Fan complete	242 413
11	Drive unit complete	240 743		30a	Fan plate drive motor	241 823
14	Toothed belt50AT10/6370	253 850		30b	Fan complete512	213 722
16	Spacer pipe	222 099		500	Cap screws M8x12	023 138
17	Parabolic spring	200 661		501	Sliding nut M10X12	023 471
20	Tension bearing complete	251 581		502	Cap screw M10X25	020 157



2.1.1 Motor and belt drive

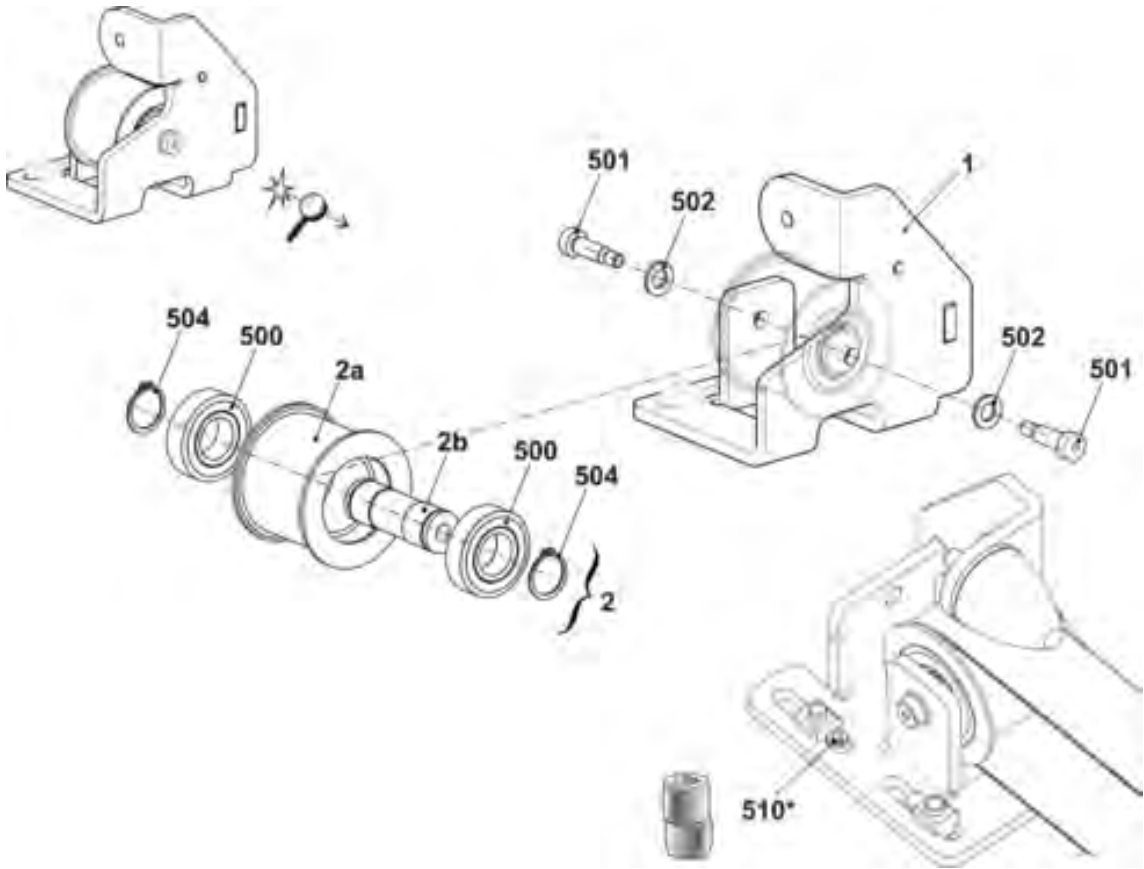
Pos	Designation		Id		Pos	Designation		Id	
Σ	Drive unit complete		240 743						
1	Drive unit		256 301			521	Retaining ring72x2.5		022 914
2	Drive bearing complete		255 005			522	Grooved ball bearing 6207-2RS		022 915
	2a	Drive bearing	252 634			523	Tension set 30X55		023 208
	2b	Toothed belt pulley	240 616			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

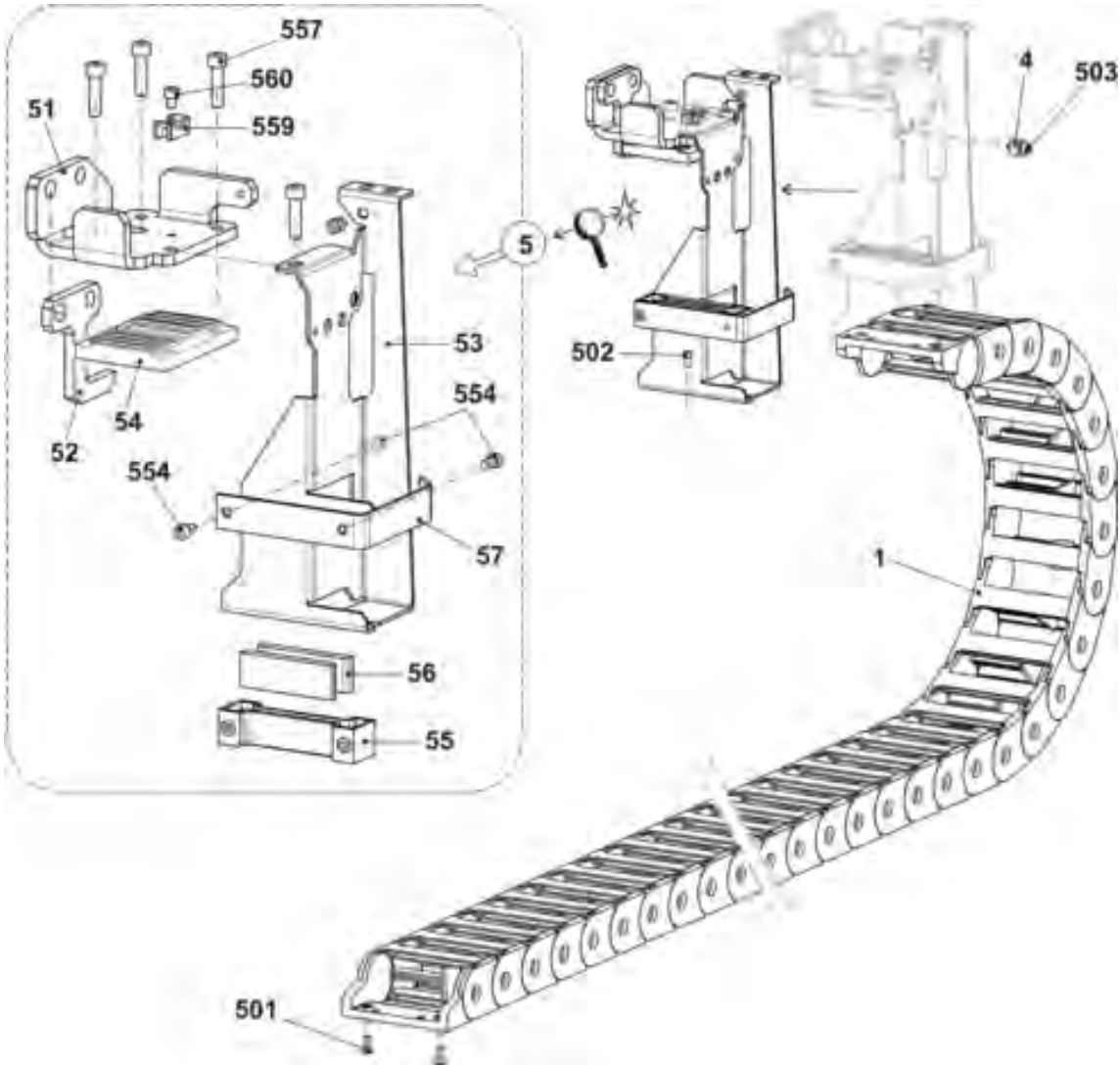
2.1.2 Tension bearing

Pos	Designation	Id		Pos	Designation	Id
Σ	Tension bearing complete	251 581		500	Grooved ball bearing 6305-2RS	255 686
1	Tension bearing	251 560		501	Cap screw M10x25	023 751
2	Axle	251 579		502	Washer	020 874
3	Tension roller	255 684		504	Locking ring25x1,2	251 617



2.2 Energy chain and plunger

Pos	Designation	ID	Pos	Designation	ID
1	Energy chain 36 links	259 233	5	Continuation carriage driver complete	
4	Threaded spacer	214 584	57	Cover strip	258 379
5	Carriage driver complete	259 280	554	Cap screw M6x12	020 134
51	Carriage driver	258 380	557	Cap screw M8x30	020 143
52	Switch flag carriage driver	258 381	559	Fixing element	026 489
53	Cable driver	259 286	560	Cap screw M6x8	023 411
54	Clamping plate	252 592	501	Cap screw M6x8	023 411
55	Cable holder	204 688	502	Cap screw M6x16	020 135
56	Cellular caoutchouc black	202 597	503	Cap screw M6x20	020 136



2.2 Energy chain and plunger

Notes:

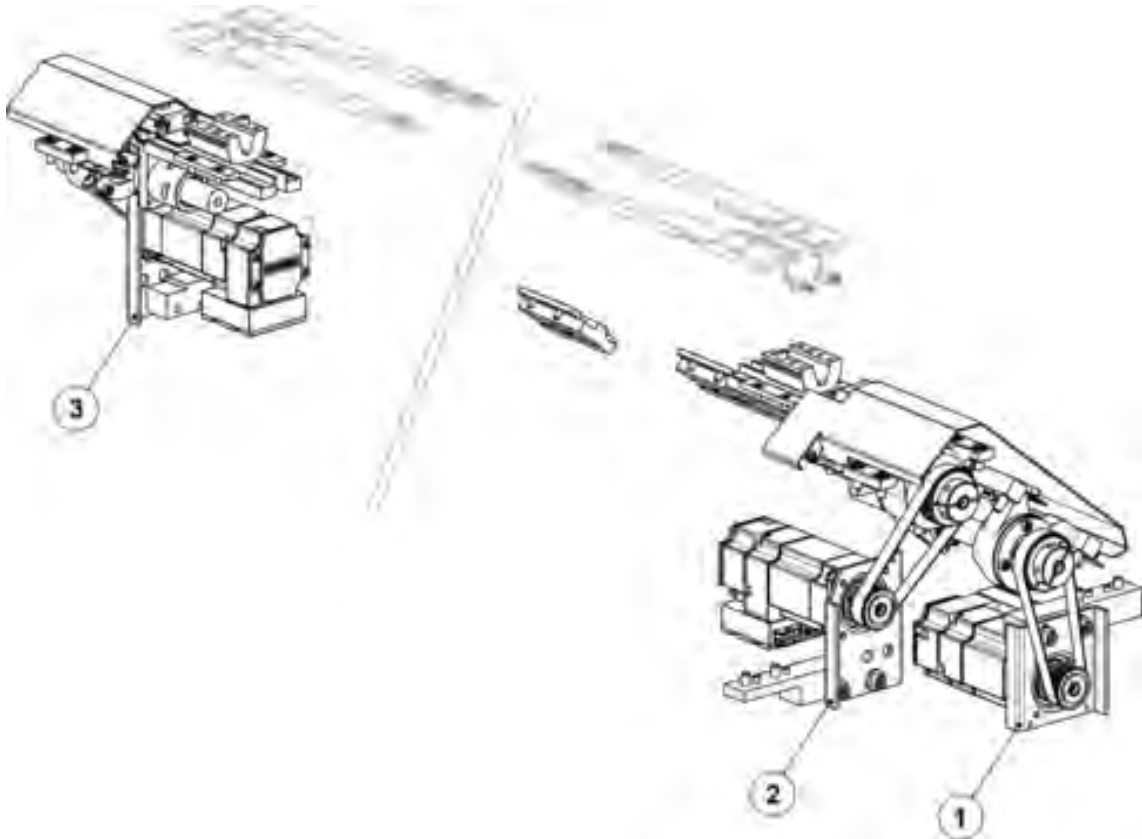
3 Racking



3.1 Racking needle bed and additional bed

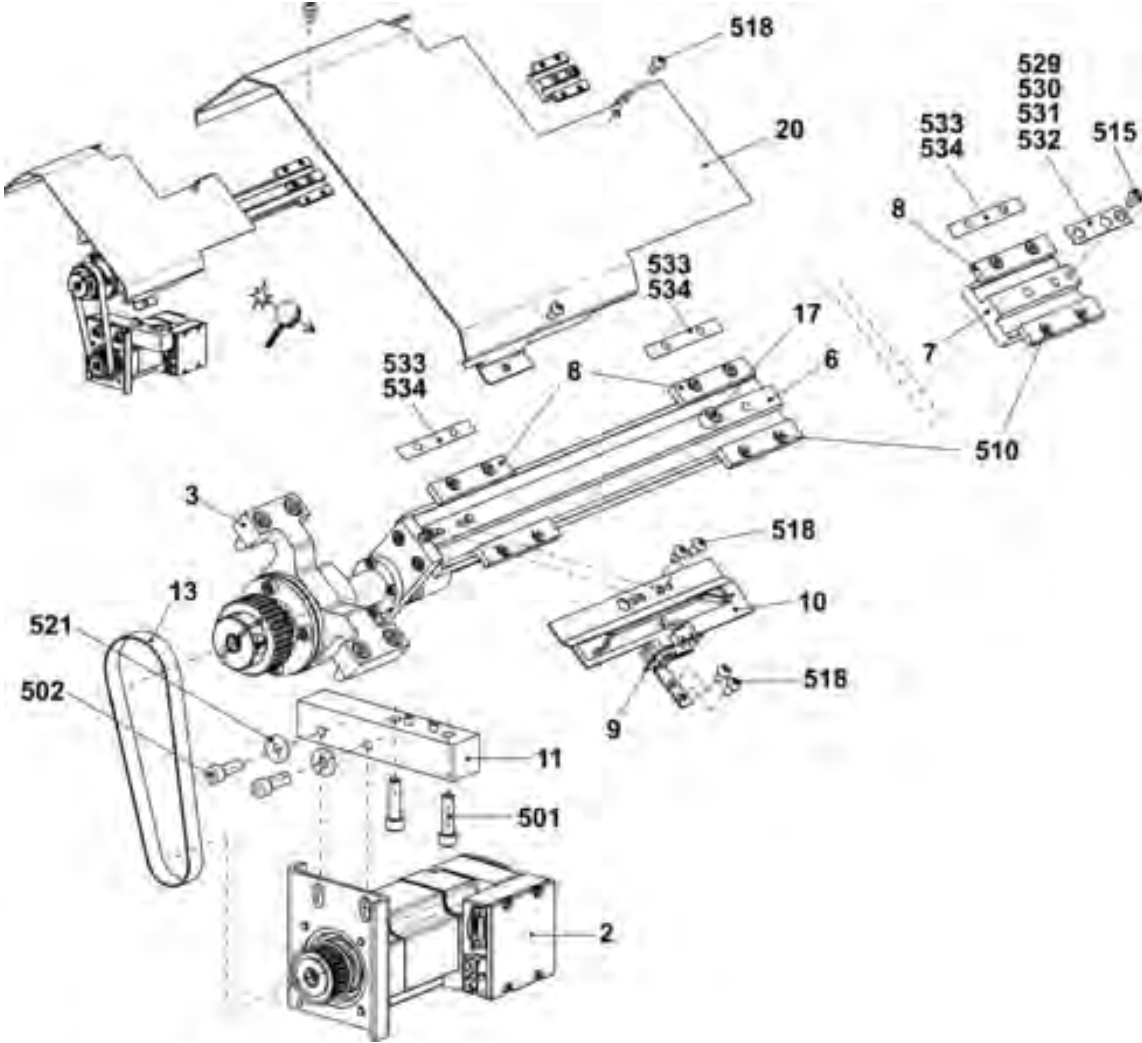
3.1 Racking needle bed and additional bed

Pos	Designation	ID		Pos	Designation	ID
1	Needle bed racking					
2	Additional bed racking on the right					
3	Racking needle bed on the left					



3.2 Needle bed racking

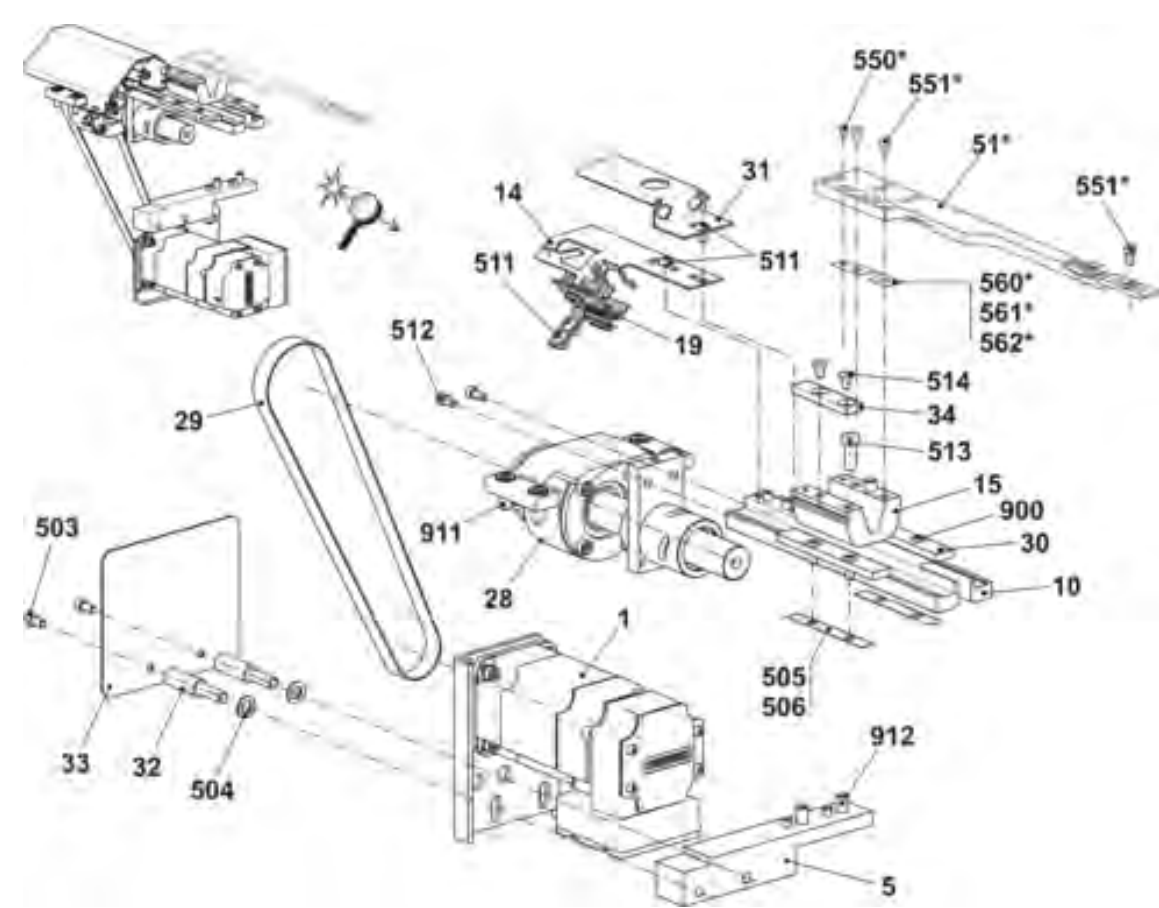
Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed racking		501	Cap screw M8x30	020 143
2	Three-phase AC servo motor racking complete	259 100	502	Cap screw M8x25	020 142
3	Spindle bearing	253 262	510	Cap screw M6x12	022 795
6	Racking strip	241 853	515	Cap screw M6x8	020 044
7	Racking strip on the left	219 648	518	Pan-head screw M6x10	023 183
8	Guide strip	206 382	521	Washer 8,4x20x3	022 175
9	Card racking limit switch	229 396	529	Shim 0,03x15x3	023 482
10	Switch plate	240 722	530	Shim 0,05x15x63	023 483
11	Bearing	227 605	531	Shim 0,1x15x63	023 484
13	Toothed belt 150 S5M 410	229 280	532	Shim 0,2x15x63	023 485
17	Stop screw	222 645	533	Shim 0,03x11x80	023 286
20	Cover plate racking	244 436	534	Shim 0,05x11x80	023 287



3.3 Additional needle bed racking on the right

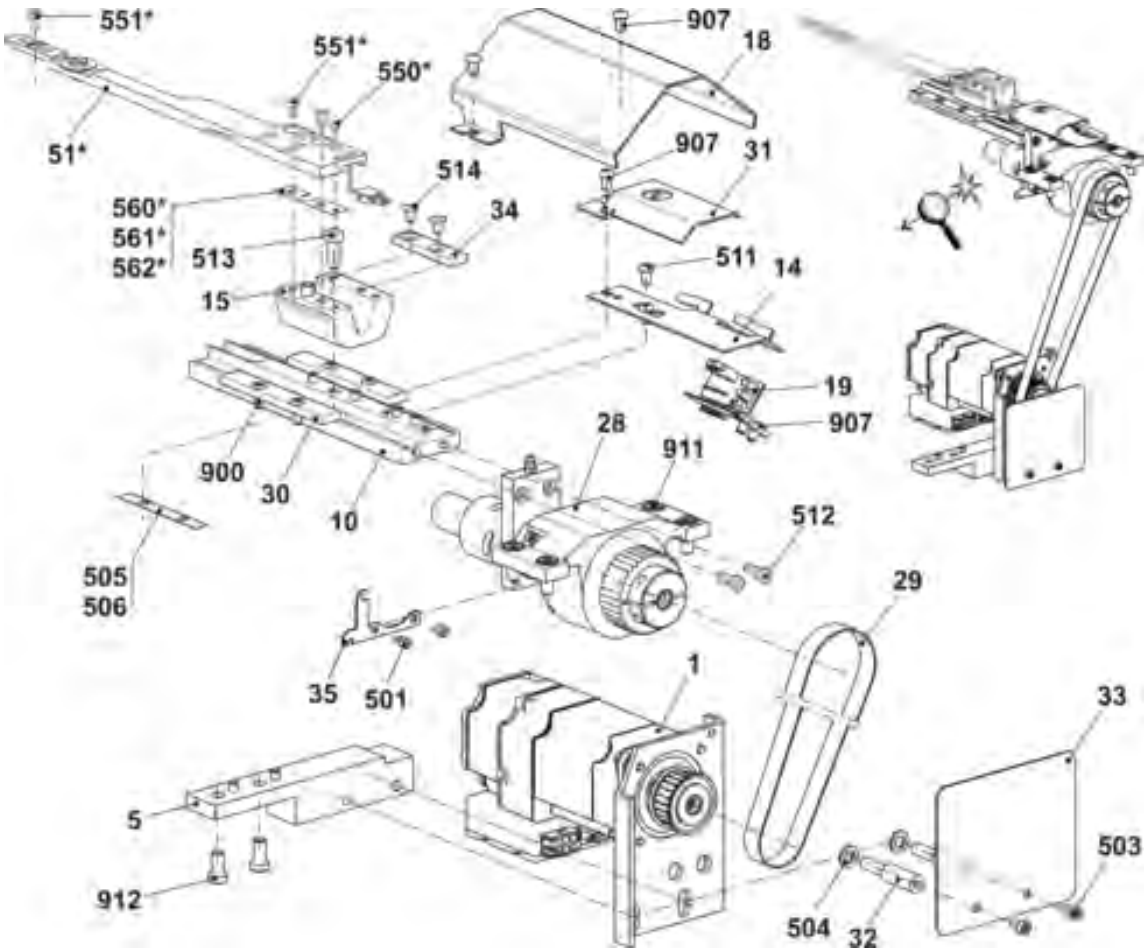
3.3 Additional needle bed racking on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional needle bed racking on the right				
1	Three-phase AC servo motor racking OKC complete	258 193	511	Pan-head screw M6x10	023 183
5	Bearing	243 599	512	Cap screw M6X16	023 116
10	Racking strip additional needle bed	242 907	513	Cap screw M8x20	023 621
14	Switch plate	242 908	514	Cap screw M6x12	023 435
15	Plunger additional needle bed	243 197	900	Cap screw M6x12	022 795
19	Card racking limit switch TC-R	232 300	911	Cap screw M6X16	023 629
28	Spindle bearing	243 206	912	Cap screw M8x16	023 144
29	Toothed belt 150 S5M 410	244 254	505	Shim 0,03x11x80	023 286
30	Guide strip	231 844	506	Shim 0,05x11x80	023 287
31	Sheet metal for plug	242 909	51*	Connection at the front on the right complete	229 473
32	Distance bolt	232 543	550*	Cap screw M4x6	020 019
33	Cover plate	232 544	551*	Cap screw M6x8	023 532
34	Cover strip	235 885	560*	Shim 0,05x60x15	023 479
503	Cap screw M5x10	022 918	561*	Shim 0,10x60x15	023 480
504	Washer 8,4x20x3	022 175	562*	Shim 0,20x60x15	023 481



3.4 Additional needle bed racking on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Racking additional needle bed on the left				
1	Three-phase AC servo motor racking OKC complete	258 193	504	Washer 8,4x20x3	022 175
5	Bearing	243 599	511	Pan-head screw M6x10	023 183
10	Racking strip additional needle bed	242 907	512	Cap screw M6X16	023 116
14	Switch plate	242 908	513	Cap screw M8x20	023 621
15	Plunger additional needle bed	243 197	514	Cap screw M6x12	023 435
18	Cover plate racking	244 435	900	Cap screw M6x12	022 795
19	Card racking limit switch TC-R	232 300	907	Pan-head screw M6x10	023 183
28	Spindle bearing	243 206	911	Cap screw M6X16	023 629
29	Toothed belt 150 S5M 410	244 254	912	Cap screw M8x16	023 144
30	Guide strip	231 844	505	Shim 0,03x11x80	023 286
31	Sheet metal for plug	242 909	506	Shim 0,05x11x80	023 287
32	Distance bolt	232 543	51*	Connection at the front on the right complete	229 473
33	Cover plate	232 544	550*	Cap screw M4x6	020 019
34	Cover strip	235 885	551*	Cap screw M6x8	023 532
35	Support	242 910	560*	Shim 0,05x60x15	023 479
501	Cap screw M4x6	023 067	561*	Shim 0,10x60x15	023 480
503	Cap screw M5x10	022 918	562*	Shim 0,20x60x15	023 481



3.4 Additional needle bed racking on the left

Notes:

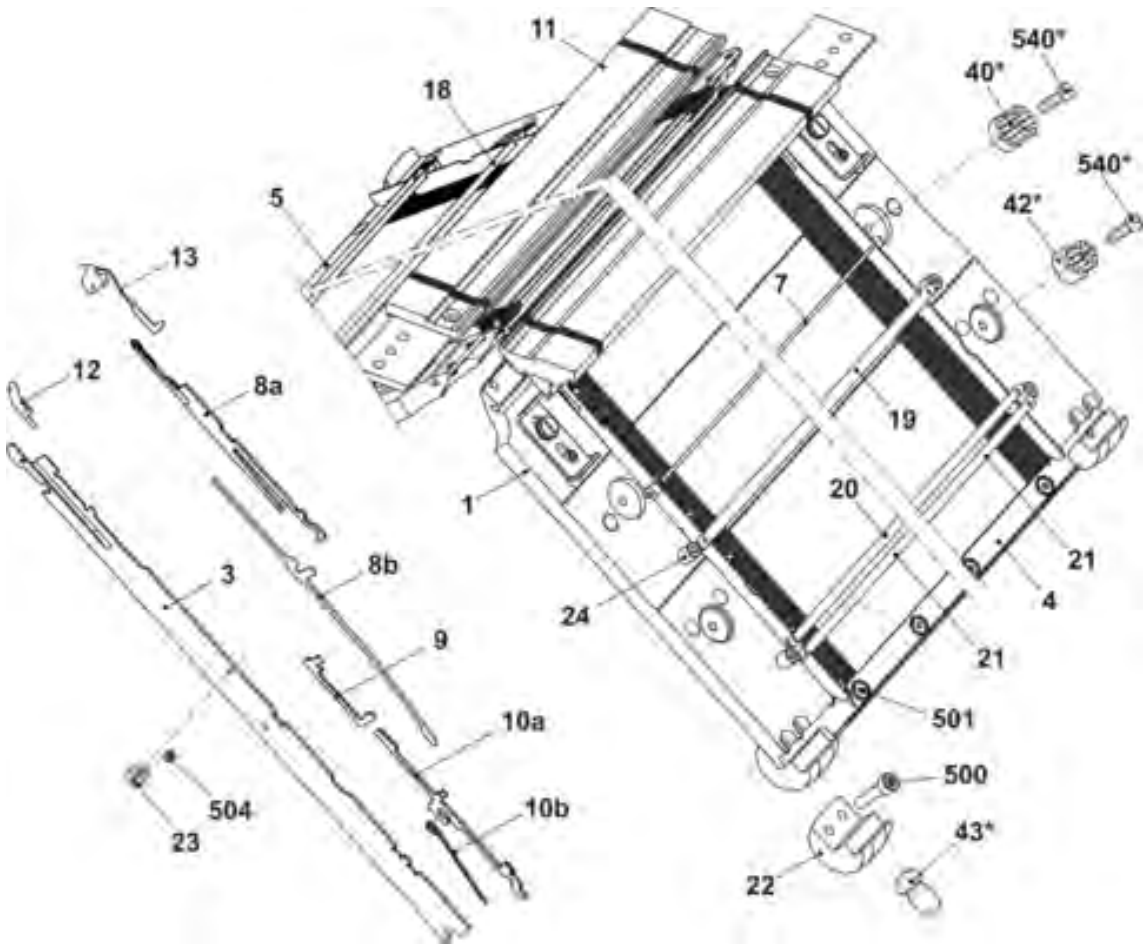
4 Needle beds



4.1 Needle bed E6.2

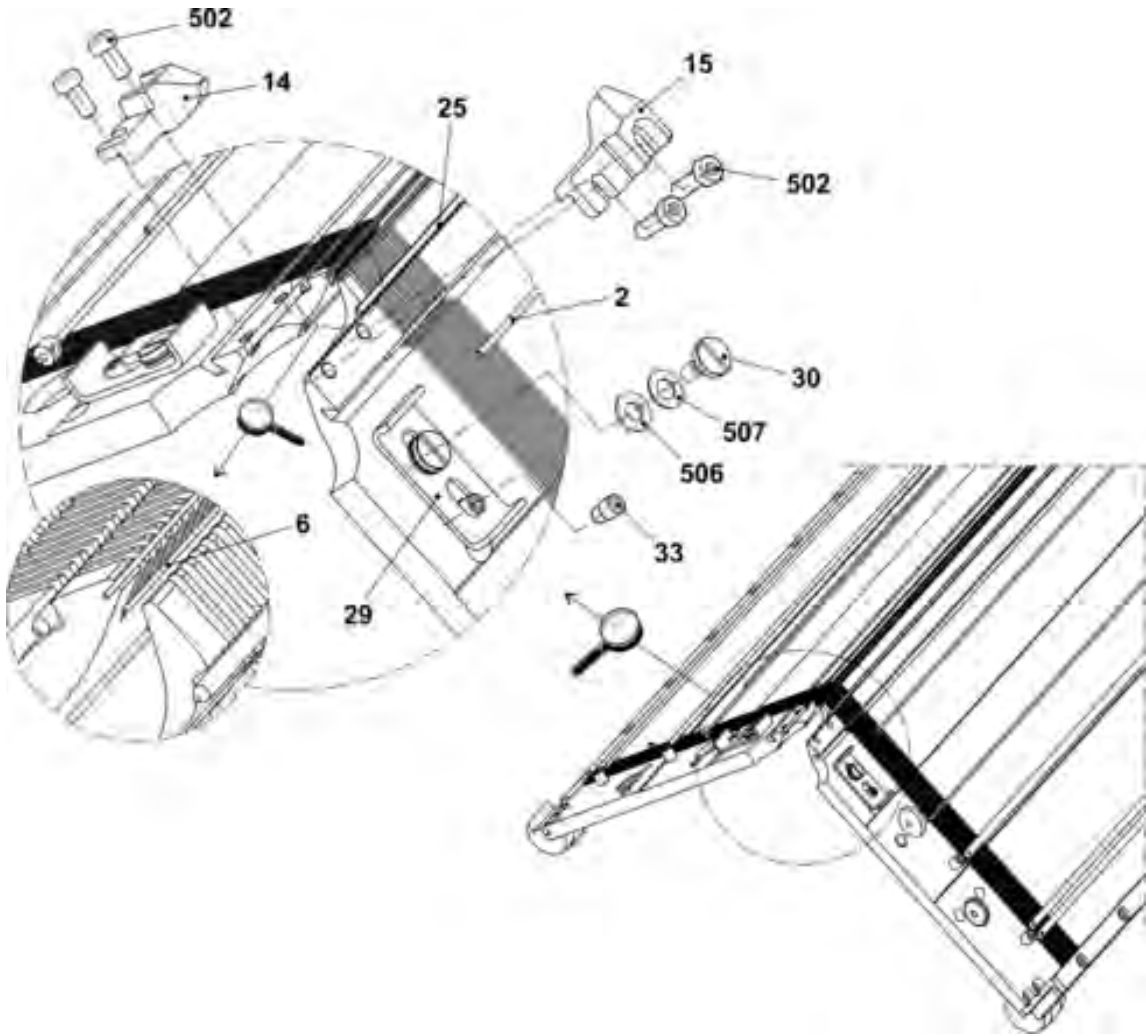
4.1 Needle bed E6.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front and rearE6.2	236 015		18	Cover rail at the rear	218 725
1	Needle bed at the front + rearE6.2	238 009		19	Cover rail at the front E12	218 727
3	Main trick wall E12	219 278		20	Cover rail	218 728
4	Pressure slide	218 673		21	Cover rail	218 729
5	Pressure slide at the rear	234 943		22	Support	206 352
7	Spring steel wire ø2,0 mm	218 676		23	Bush	206 090
8A	Needle E6.2	207 349		24	Stop screw	214 039
8b	Coupling part E10-12	253 382		500	Cap screw M6x14	022 658
9	Intermediate slider with brake E10-12	237 324		501	Cap screw M5x8	023 379
10a	Selection jack E10-12	200 688		504	Setscrew M3,5x3	020 512
10b	Selector spring E10-12	200 691		40*	Disk brush	235 612
11	Additional needle bed complete E6.2	238 013		42*	Disk brush	202 600
12	Knock-over bit E6.2	237 978		43*	Adjusting bolt	240 765
13	Holding-down jack E6.2	238 957		540*	Cap screw M5x12	020 032



4.1.1 Continuation needle bed E6.2

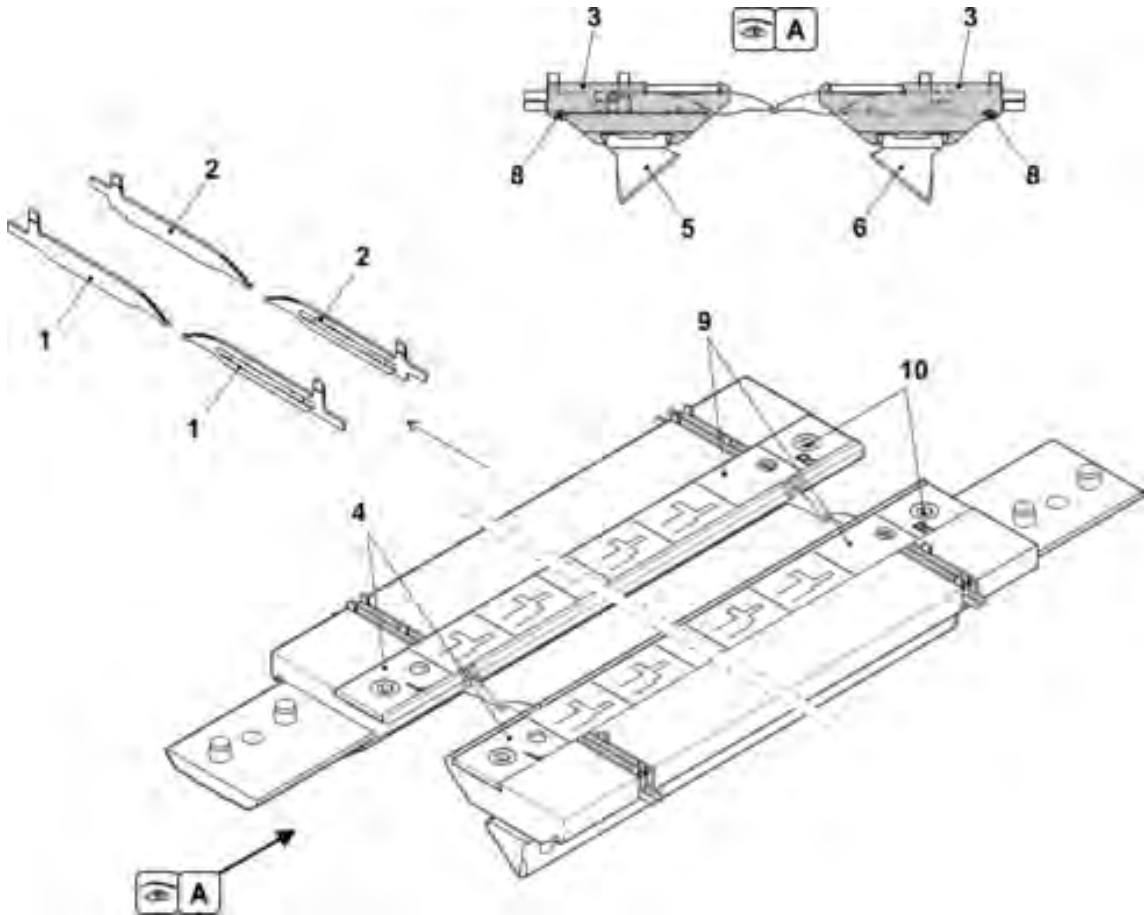
Pos	Designation	ID		Pos	Designation	ID
2	Locating wire $\varnothing 3,4$ mm	218 674		30	Shoulder screw	219 958
6	Spring steel wire $\varnothing 0,6$ mm	218 675		33	Eccentric	231 069
14	Limiter on the right E10-14	225 083		502	Cap screw M5x10	022 918
15	Limiter on the left E10-14	225 084		506	Shim ring 6x12x1	023 444
25	Spring steel wire $\varnothing 1,95$ mm	218 731		507	Spring washer B6-FST	023 493
29	Safety plate	219 955				



4.1 Needle bed E6.2

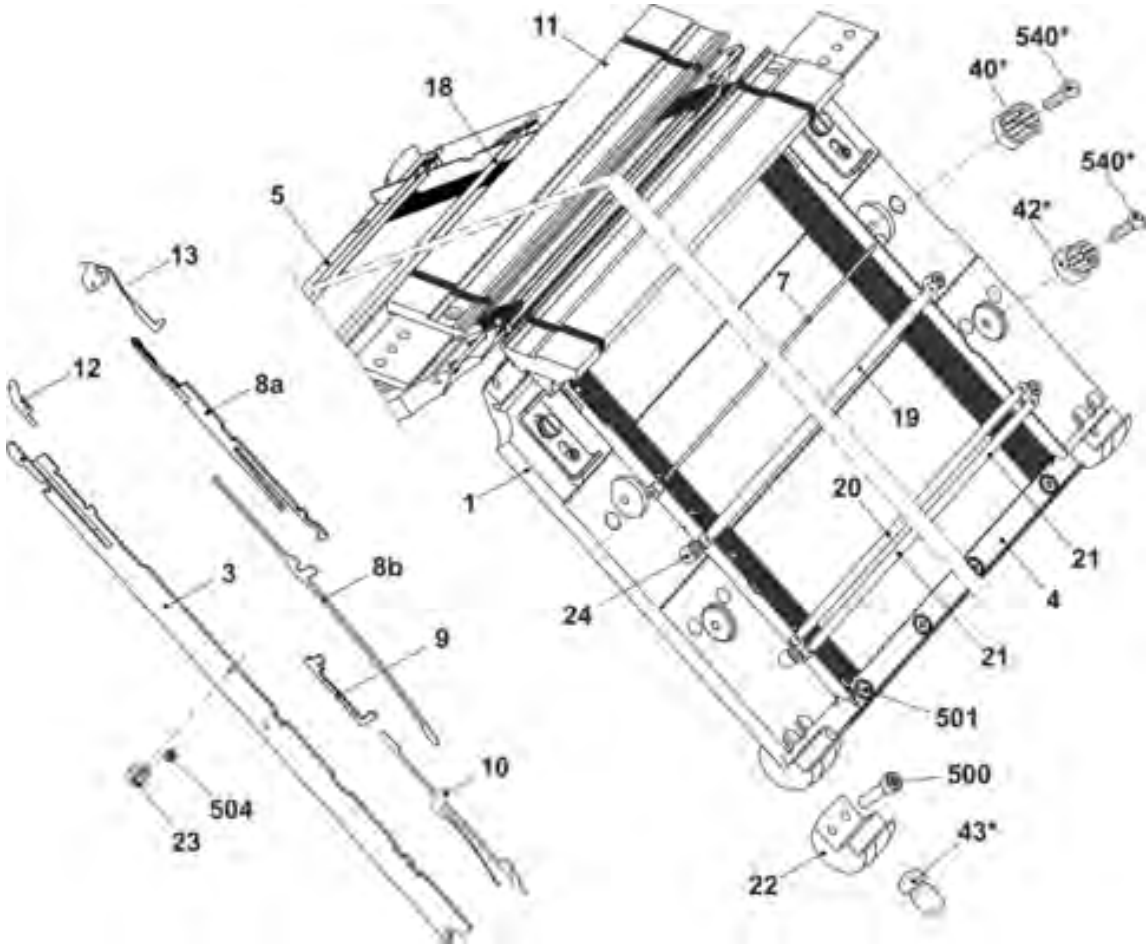
4.1.2 Additional needle bed E6.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional needle bed complete E6.2	238 013		5	Needle bar on the left	235 892
1	Transfer cam selection bottom E6.2	235 939		6	Needle bar on the right	235 896
2	Transfer cam selection at the top E6.2	235 938		8	Spring steel wire ø2.0 mm	218 676
3	Additional needle bed at the front and rear E12m.10+6.2	235 005		9	Cover rail at the right	235 558
4	Cover rail at the left	234 946		10	Screw M5x6	235 871



4.2 Needle bed E7.2

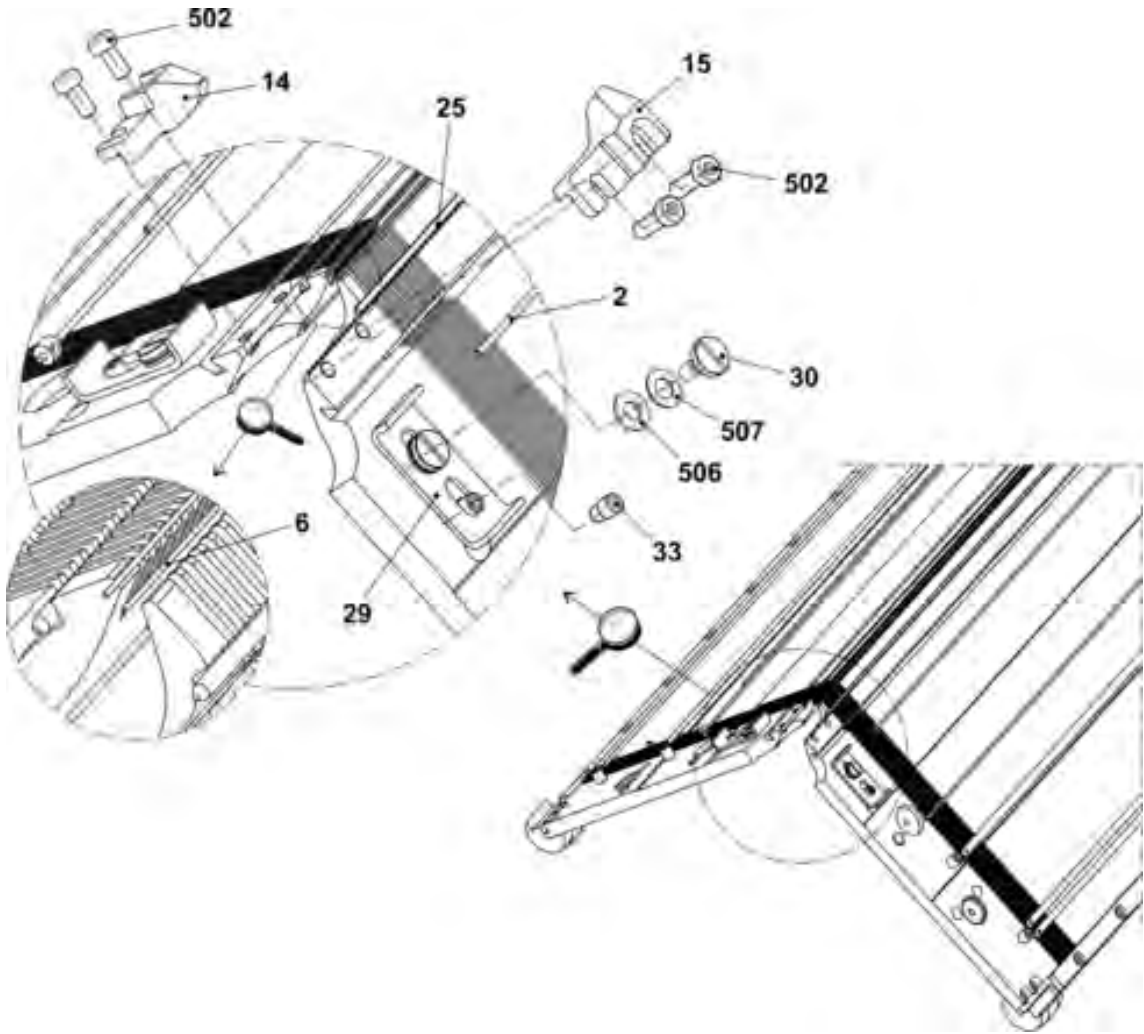
Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE7,2	236 014			
1	Needle bed at the front + rearE7,2	238 010	19	Cover rail at the front E14	219 686
3	Main trick wall E14	219 353	20	Cover rail	218 728
4	Pressure slide	218 673	21	Cover rail	218 729
5	Pressure slide at the rear	234 943	22	Support	206 352
7	Spring steel wire ø2,0 mm	218 676	23	Bush	206 090
8A	Needle E7.2	225 230	24	Stop screw	214 039
8b	Coupling part E14	253 383	500	Cap screw M6x14	022 658
9	Intermediate slider with brake E14	237 373	501	Cap screw M5x8	023 379
10	Selection jack with spring E14	224 725	504	Setscrew M3,5x3	020 512
11	Additional needle bed complete E7.2	238 014	40*	Disk brush	235 612
12	Knock-over bit E7.2	237 997	42*	Disk brush	202 600
13	Holding-down jack E7.2	237 996	43*	Adjusting bolt	240 765
18	Cover rail at the rear	218 725	540*	Cap screw M5x12	020 032



4.2 Needle bed E7.2

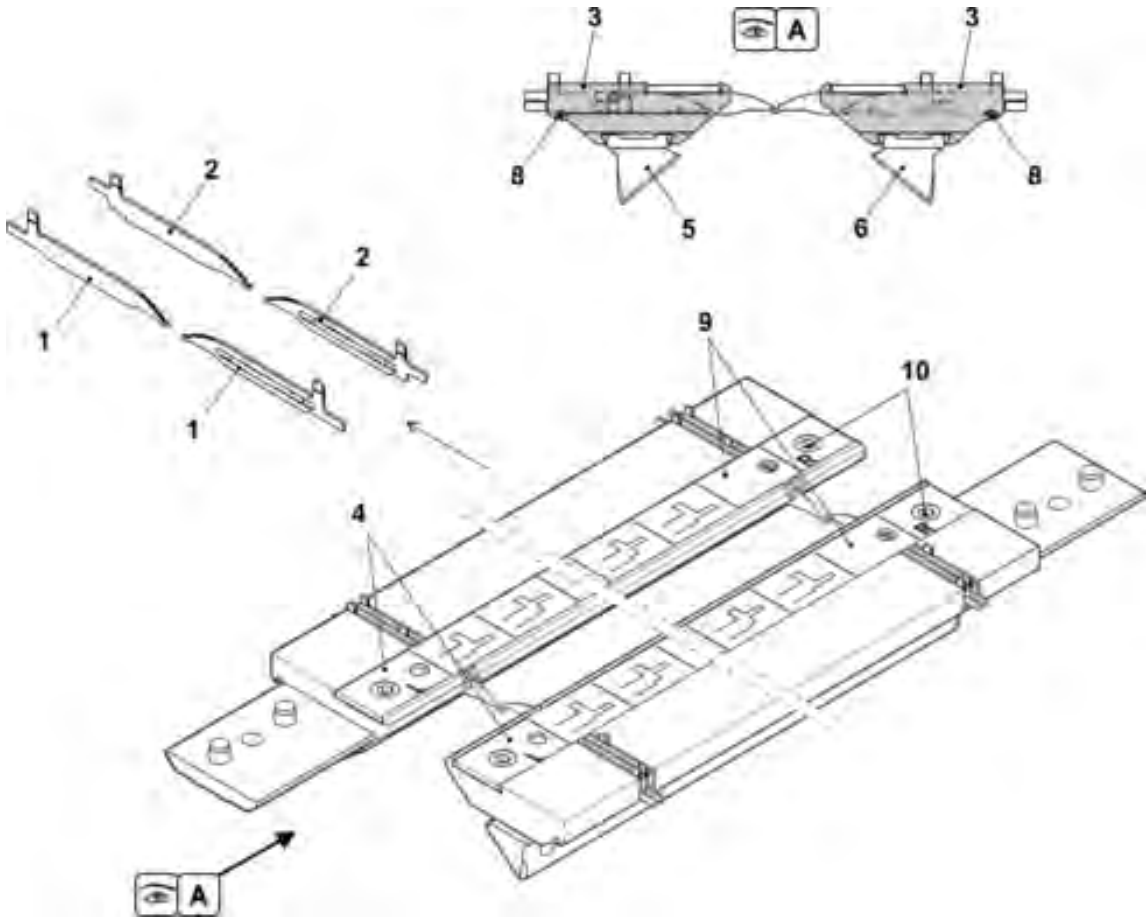
4.2.1 Continuation needle bed E7.2

Pos	Designation	ID		Pos	Designation	ID
2	Locating wire $\varnothing 3,4$ mm	218 674		30	Shoulder screw	219 958
6	Spring steel wire $\varnothing 0,6$ mm	218 675		33	Eccentric	231 069
14	Limiter on the right E10-14	225 083		502	Cap screw M5x10	022 918
15	Limiter on the left E10-14	225 084		506	Shim ring 6x12x1	023 444
25	Spring steel wire $\varnothing 1,95$ mm	218 731		507	Spring washer B6-FST	023 493
29	Safety plate	219 955				



4.2.2 Additional needle bed E7.2

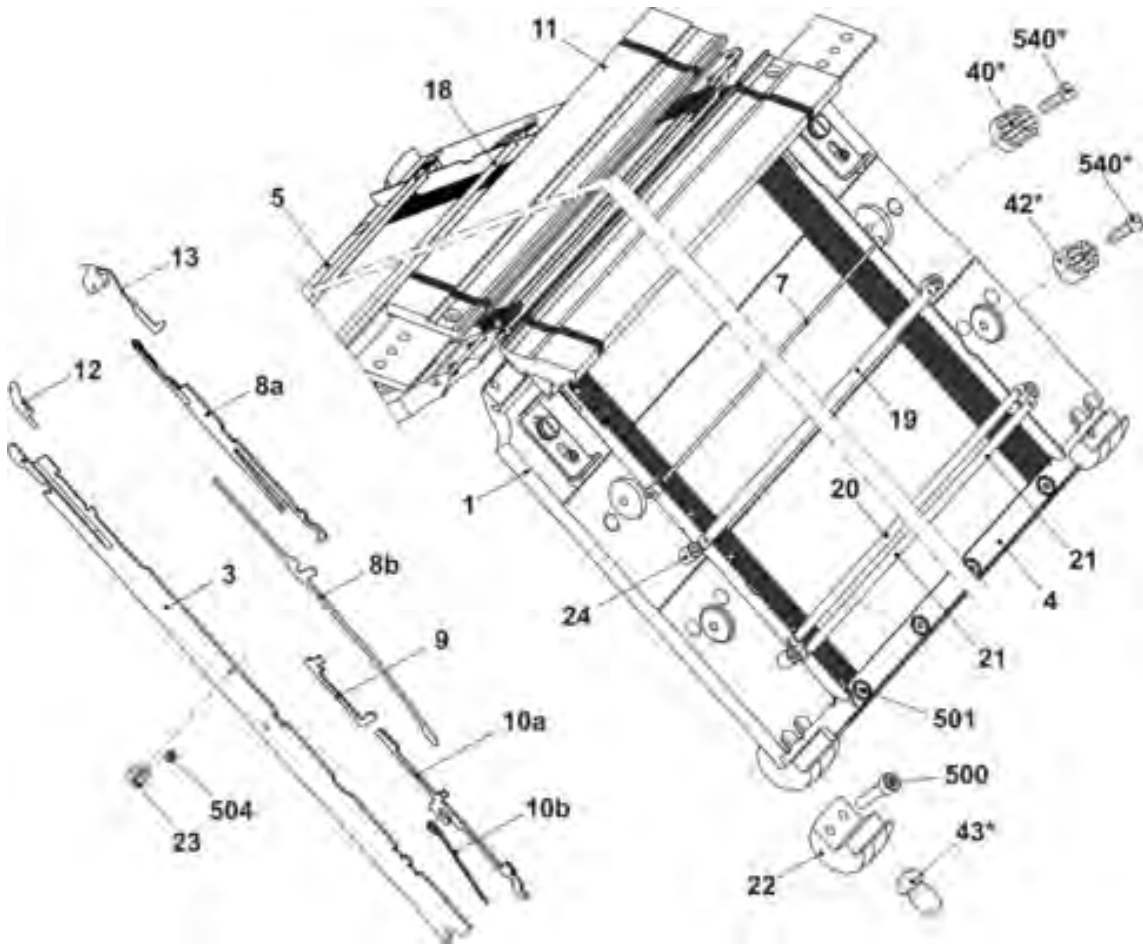
Pos	Designation	ID		Pos	Designation	ID
Σ	Additional needle bed complete E7.2	238 014		5	Needle bar on the left	235 892
1	Transfer cam selection bottom E7.2	235 934		6	Needle bar on the right	235 896
2	Transfer cam selection at the top E7.2	235 933		8	Spring steel wire ø2.0 mm	218 676
3	Additional needle bed at the front and rear E14+7.2	234 832		9	Cover rail at the right	235 558
4	Cover rail at the left	234 946		10	Screw M5x6	235 871



4.3 Needle bed E6.2(12)

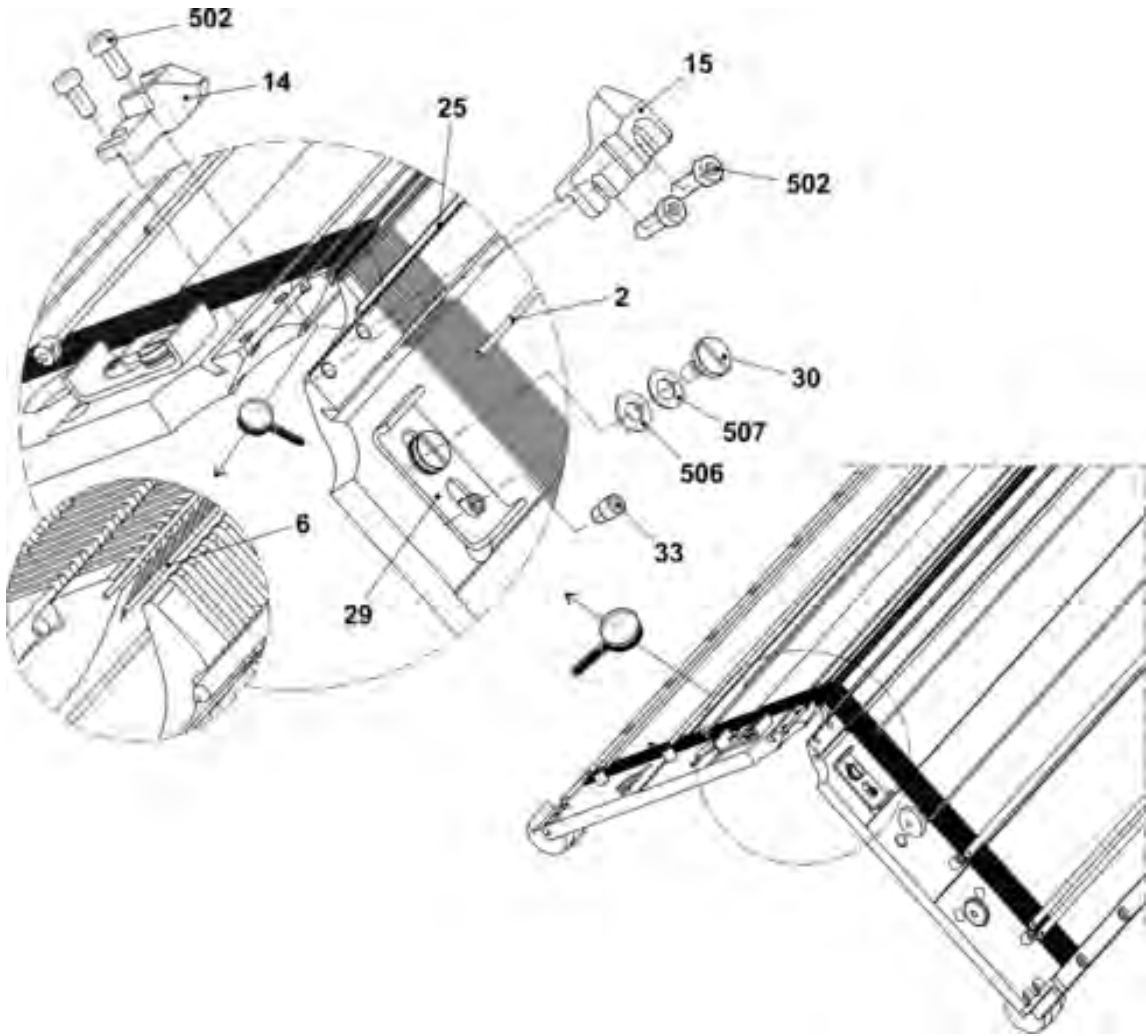
4.3 Needle bed E6.2(12)

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front and rearE12	239 853		18	Cover rail at the rear	218 725
1	Needle bed at the front + rearE12	234 814		19	Cover rail at the front E12	218 727
3	Main trick wall E12	231 771		20	Cover rail	218 728
4	Pressure slide	218 673		21	Cover rail	218 729
5	Pressure slide at the rear	234 943		22	Support	206 352
7	Spring steel wire ø2,0 mm	218 676		23	Bush	206 090
8A	Needle E12	204 009		24	Stop screw	214 039
8b	Coupling part E10-12	253 382		500	Cap screw M6x14	022 658
9	Intermediate slider with brake E10-12	237 324		501	Cap screw M5x8	023 379
10a	Selection jack E10-12	200 688		504	Setscrew M3,5x3	020 512
10b	Selector spring E10-12	200 691		40*	Disk brush	235 612
11	Additional needle bed complete E12	234 834		42*	Disk brush	202 600
12	Knock-over bit E12	219 281		43*	Adjusting bolt	240 765
13	Holding-down jack trick wallE12	227 106		540*	Cap screw M5x12	020 032



4.3.1 Continuation needle bed E6.2(12)

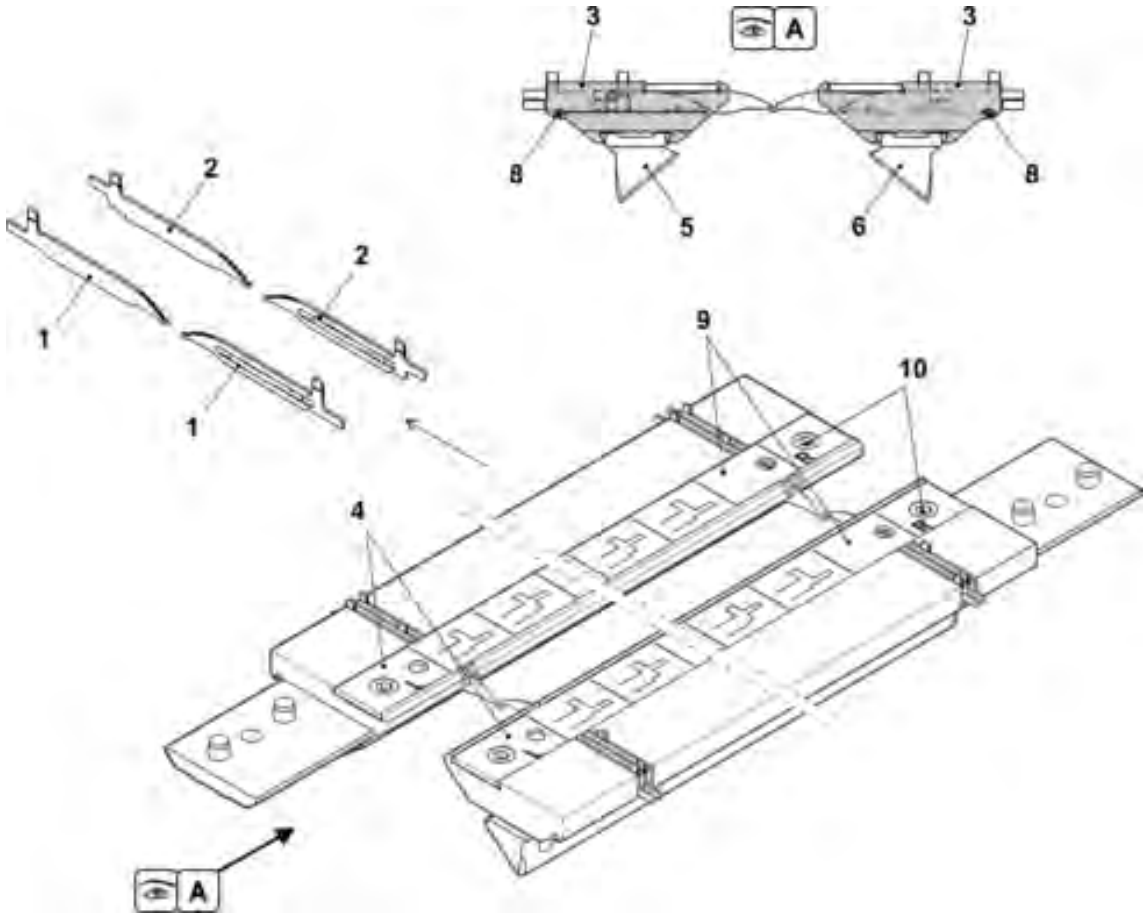
Pos	Designation	ID		Pos	Designation	ID
2	Locating wire $\varnothing 3,4$ mm	218 674		30	Shoulder screw	219 958
6	Spring steel wire $\varnothing 0,6$ mm	218 675		33	Eccentric	231 069
14	Limiter on the right E10-14	225 083		502	Cap screw M5x10	022 918
15	Limiter on the left E10-14	225 084		506	Shim ring 6x12x1	023 444
25	Spring steel wire $\varnothing 1,95$ mm	218 731		507	Spring washer B6-FST	023 493
29	Safety plate	219 955				



4.3 Needle bed E6.2(12)

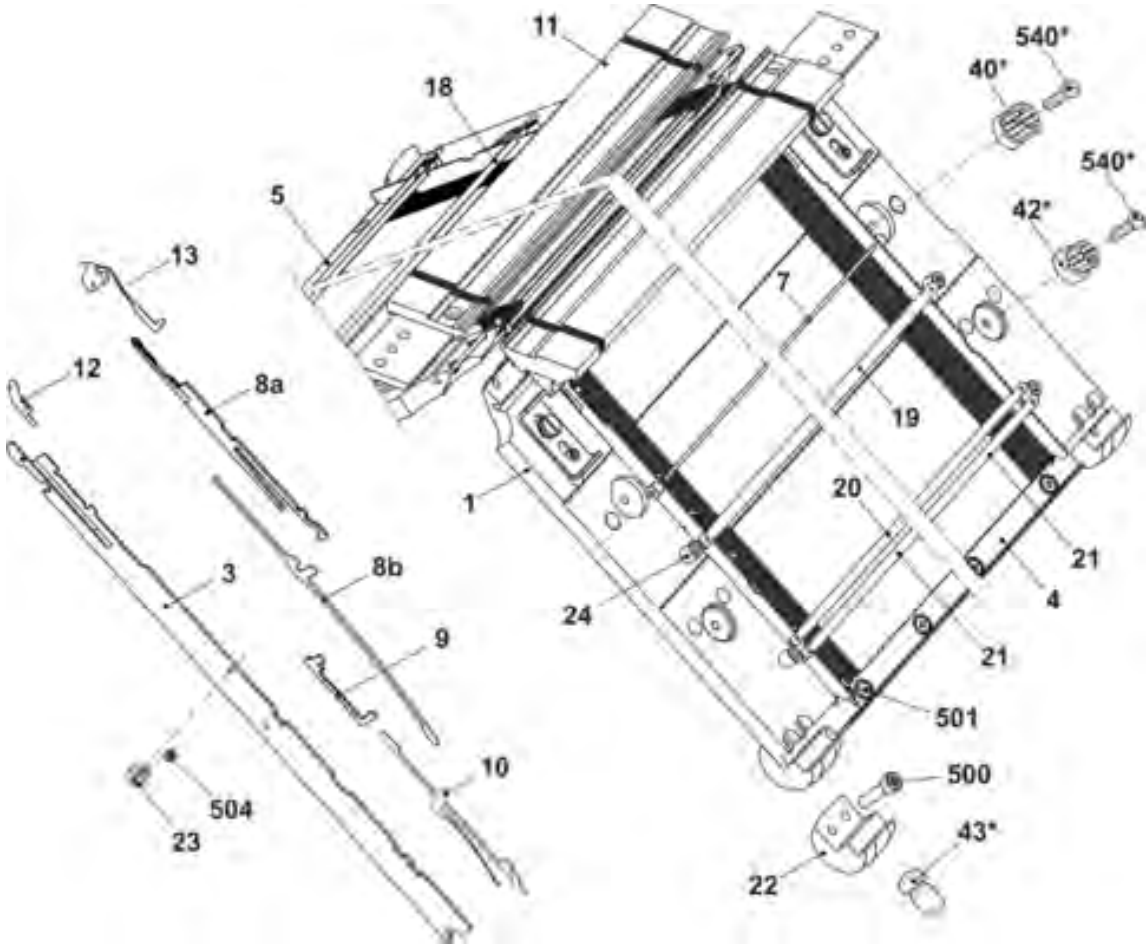
4.3.2 Additional bed E6.2(12)

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional bed complete E12	234 834		5	Needle rail on the left	235 892
1	Transfer cam selection bottom E12-14	230 234		6	Needle rail on the right	235 896
2	Transfer cam selection top E12-14	230 233		8	Spring steel wire Ø2.0	218 676
3	Additional bed at the front and rear E12	234 831		9	Cover rail at the right	235 558
4	Cover rail at the left	234 946		10	Srew M5x6	235 871



4.4 Needle bed E7.2(14)

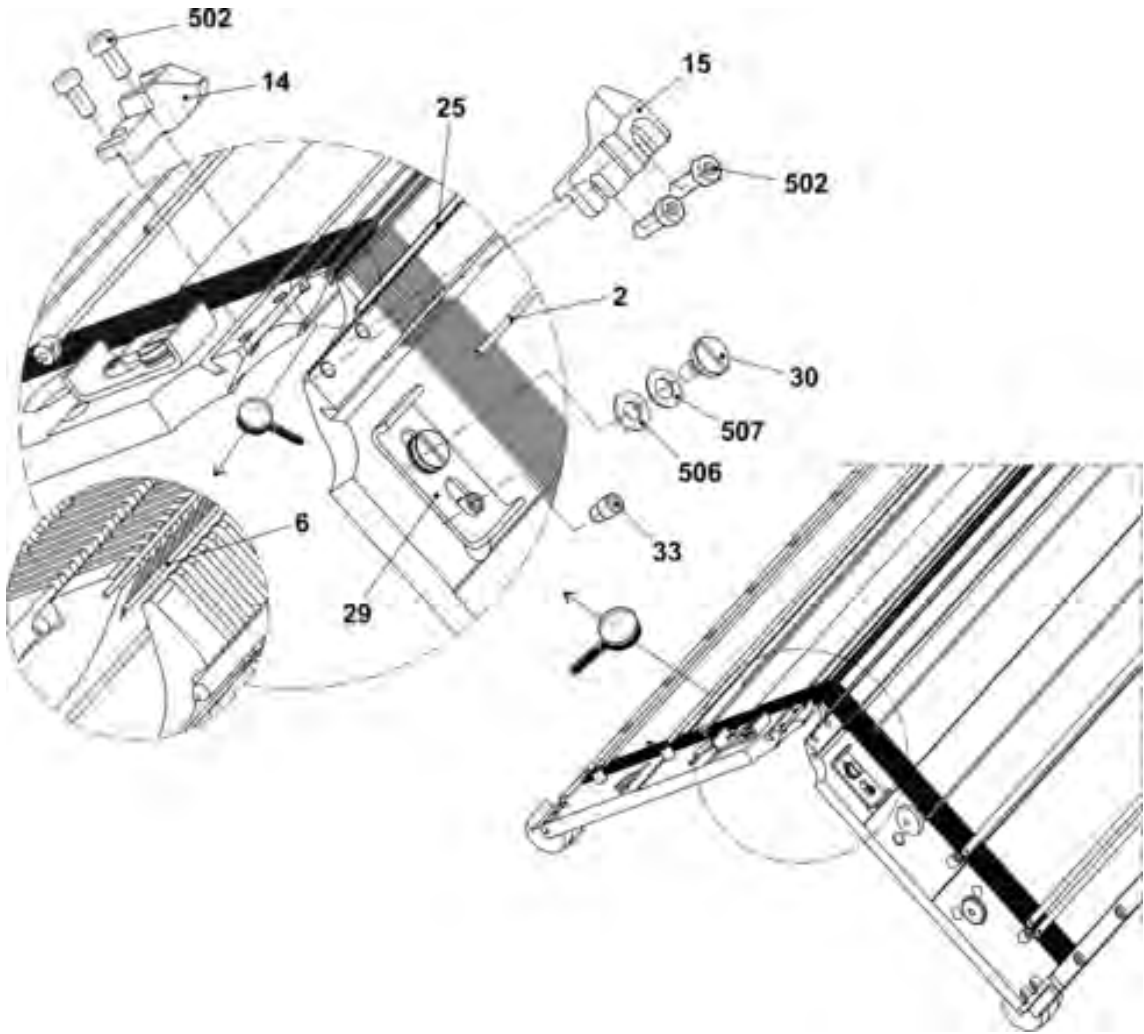
Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rearE14	238 657			
1	Needle bed at the front + rearE14	234 815	19	Cover rail at the front E14	219 686
3	Main trick wall E14	231 772	20	Cover rail	218 728
4	Pressure slide	218 673	21	Cover rail	218 729
5	Pressure slide at the rear	234 943	22	Support	206 352
7	Spring steel wire ø2,0 mm	218 676	23	Bush	206 090
8A	Needle E14	209 614	24	Stop screw	214 039
8b	Coupling part E14	253 383	500	Cap screw M6x14	022 658
9	Intermediate slider with brake E14	237 373	501	Cap screw M5x8	023 379
10	Selection jack with spring E14	224 725	504	Setscrew M3,5x3	020 512
11	Additional needle bed complete E14	234 835	40*	Disk brush	235 612
12	Knock-over bit E14	219 365	42*	Disk brush	202 600
13	Holding-down jack trick wallE14	227 575	43*	Adjusting bolt	240 765
18	Cover rail at the rear	218 725	540*	Cap screw M5x12	020 032



4.4 Needle bed E7.2(14)

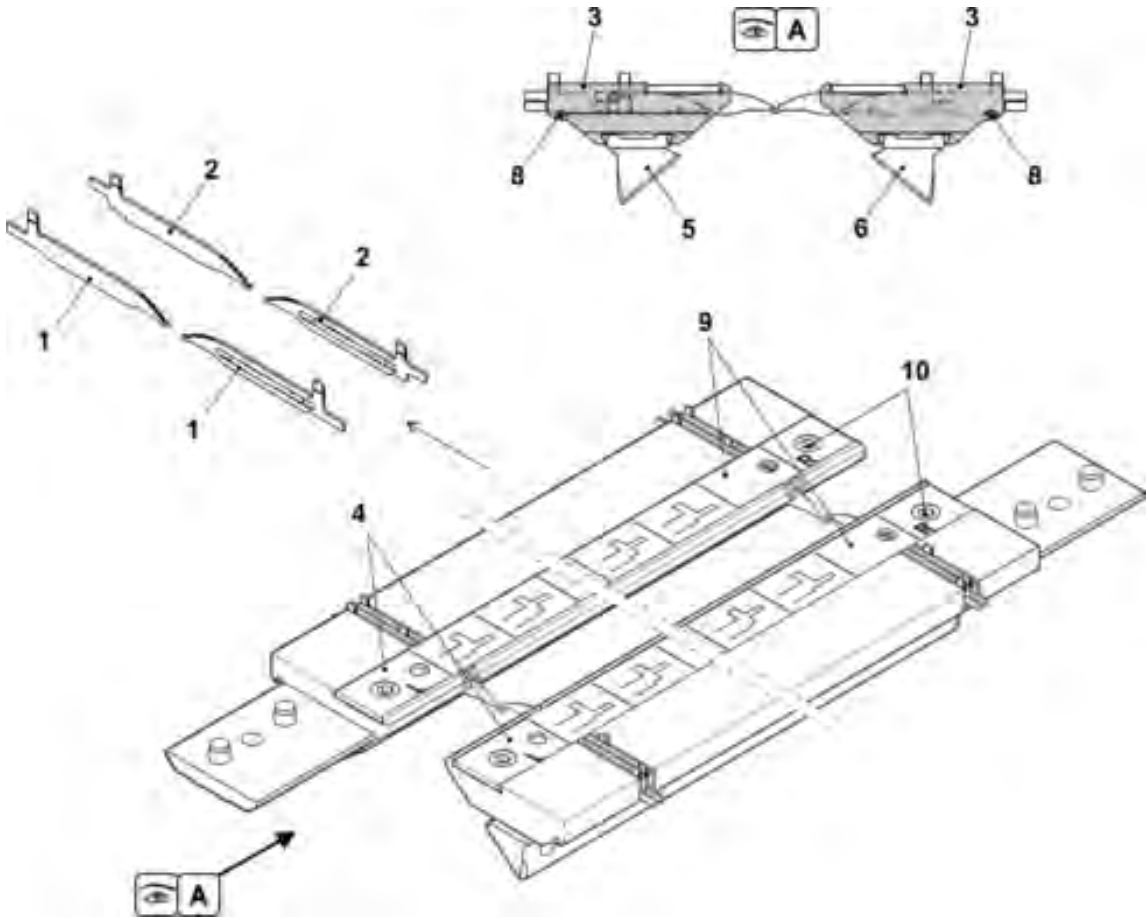
4.4.1 Continuation needle bed E7.2(14)

Pos	Designation	ID		Pos	Designation	ID
2	Locating wire $\varnothing 3,4$ mm	218 674		30	Shoulder screw	219 958
6	Spring steel wire $\varnothing 0,6$ mm	218 675		33	Eccentric	231 069
14	Limiter on the right E10-14	225 083		502	Cap screw M5x10	022 918
15	Limiter on the left E10-14	225 084		506	Shim ring 6x12x1	023 444
25	Spring steel wire $\varnothing 1,95$ mm	218 731		507	Spring washer B6-FST	023 493
29	Safety plate	219 955				



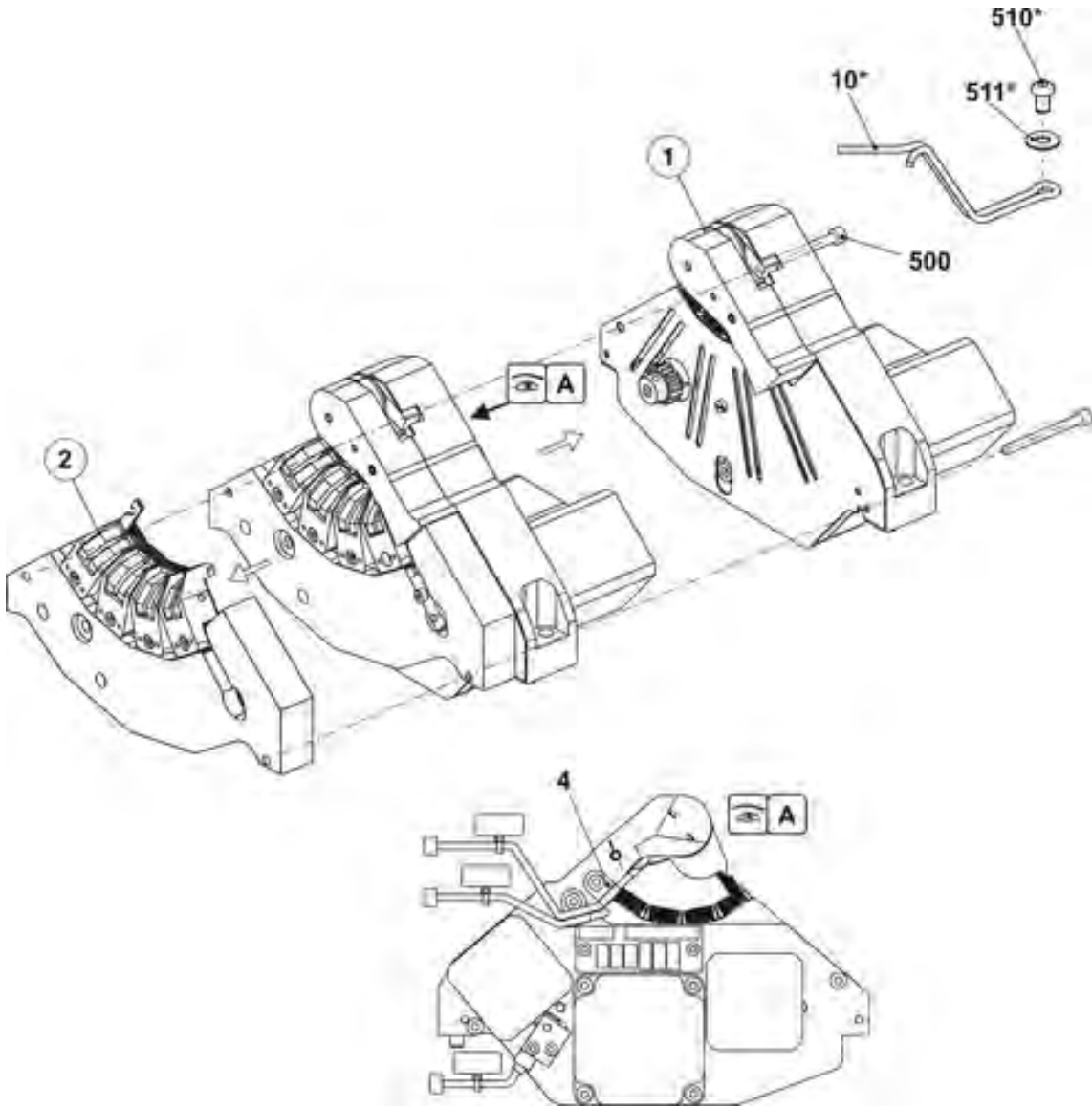
4.4.2 Additional needle bed E7.2(14)

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional needle bed complete E14	234 835		5	Needle bar on the left	235 892
1	Transfer cam selection bottom E12-14	230 234		6	Needle bar on the right	235 896
2	Transfer cam selection at the top E12-14	230 233		8	Spring steel wire ø2.0 mm	218 676
3	Additional needle bed at the front and rear E14+7.2	234 832		9	Cover rail at the right	235 558
4	Cover rail at the left	234 946		10	Screw M5x6	235 871



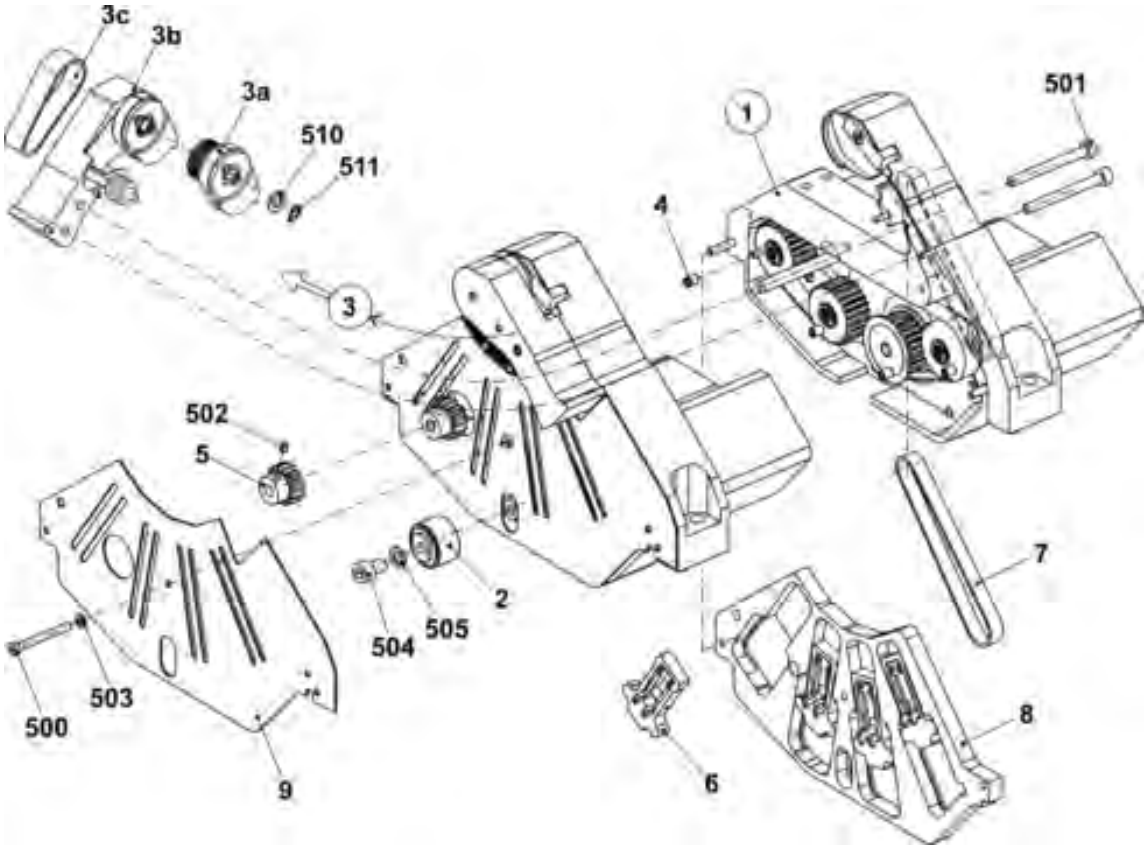
4.5 Thread clamping and cutting device

Pos	Designation	ID		Pos	Designation	ID
Σ	Clamping and cutting complete	214 257		10*	Bow	231 795
1	Crankcase complete	214 188		500	Cap screw M4x45	023 419
2	Selection housing complete	214 256		510*	Pan-head screw M6x10	023 183
4	Fastening clip 225/3,2	008 321		511*	Washer6,4x15x1	020 902



4.5.1 Crankcase

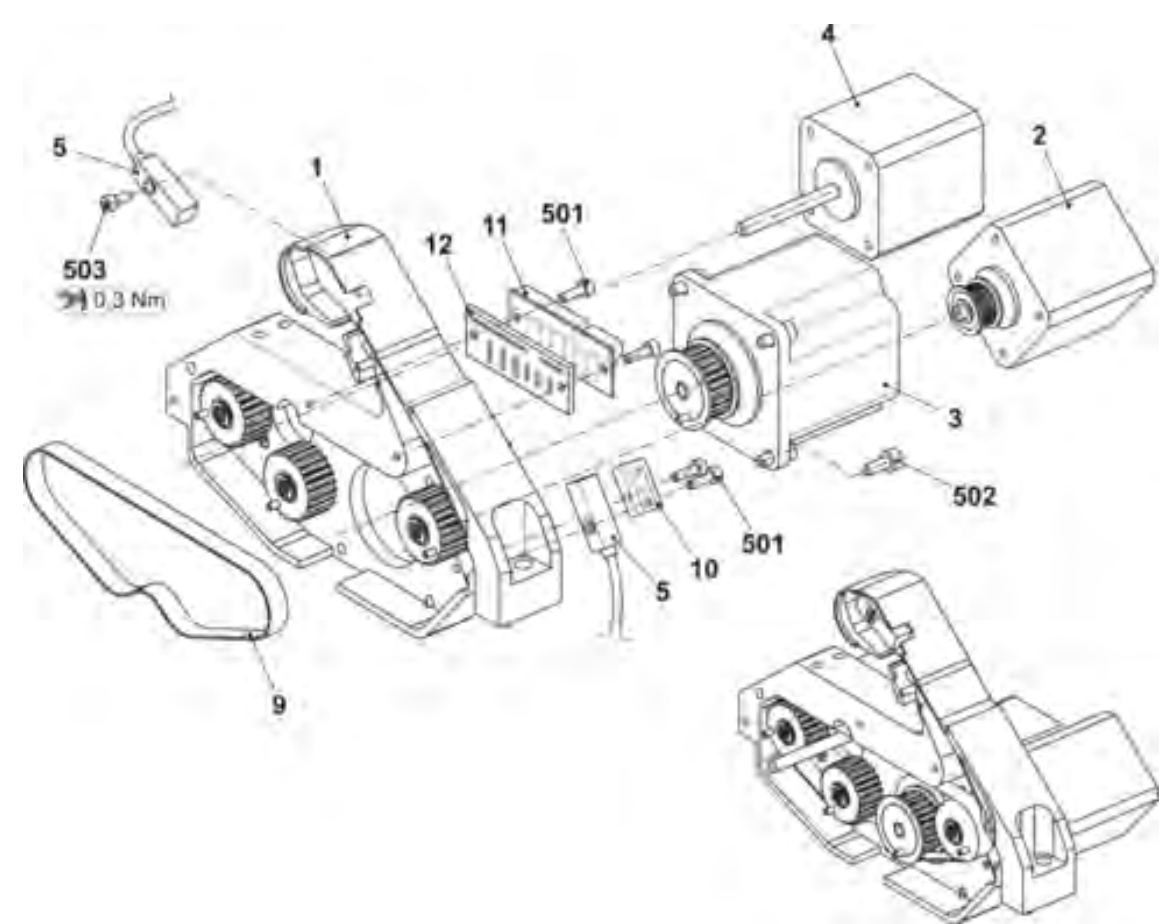
Pos	Designation	Id		Pos	Designation	Id
Σ	Crankcase complete	214 188				
1	Crankcase	215 078		6	Connecting rod slide complete	214 191
2	Tension roller complete	221 211		7	Toothed belt6M182	213 890
3	Finger support complete	235 501		8	Guiding plate	214 185
3a	Transport segment complete	235 500		9	Intermediate plate	214 704
3b	Finger support	234 993		500	Cap screw M3x28	022 350
3c	Toothed belt6M111	213 889		501	Cap screw M4x40	023 095
510	WasherA5,3	020 871		502	Setscrew M3x4-45H	022 674
511	Locking ring5x0,6	023 347		503	Washer3,2	020 877
4	Sleeve	214 240		504	Cap screw M5x8	023 319
5	Spur gear	213 893		505	Washer5,3	020 880



4.5 Thread clamping and cutting device

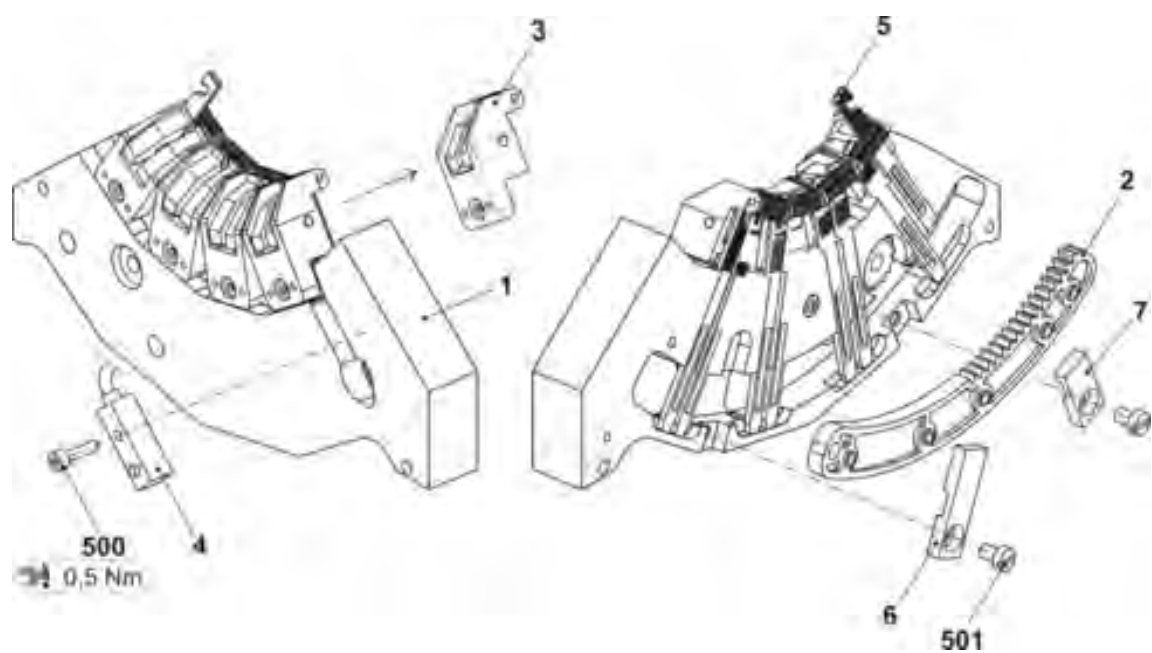
4.5.2 Crankcase with drive

Pos	Designation	Id		Pos	Designation	Id
Σ	Crankcase	215 078				
1	Crankcase	214 182		10	Sensor switch	213 721
2	Transport segment motor complete	213 815		11	Connector board	222 822
3	Step motor complete	213 819		12	Insulating plate	222 933
4	Step motorPK245	213 732		501	Cap screw M3x10	022 991
5	Proximity switch inductive	222 821		502	Cap screw M4x10	023 136
9	Toothed belt80S3M300NG	213 891		503	Cap screw M3x8	022 582



4.5.3 Selection housing

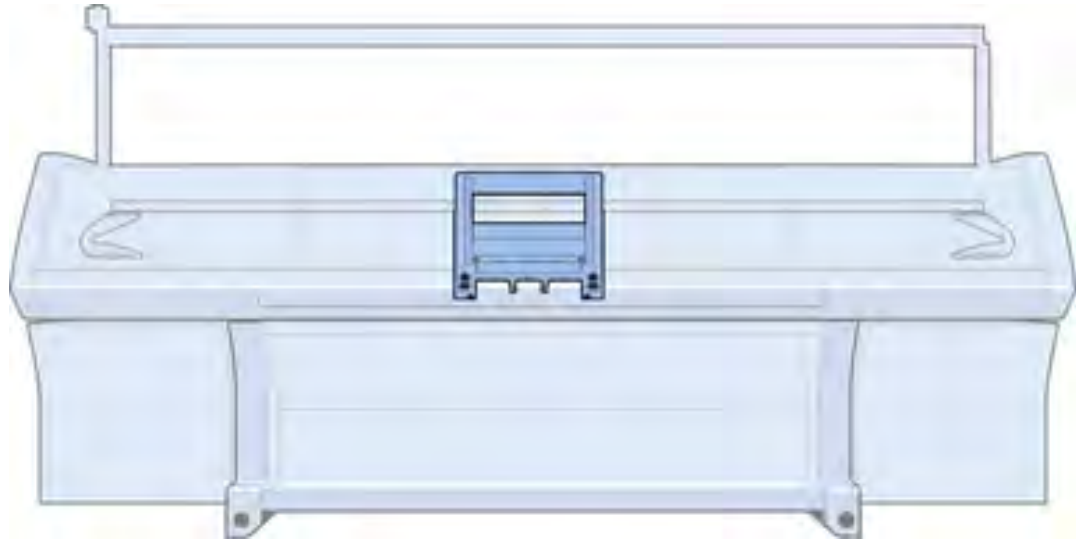
Pos	Designation	Id		Pos	Designation	Id
Σ	Selection housing complete	214 256		5	Clamping and cutting needle	216 408
1	Selection housing	214 288		6	Bridge on the left	224 698
2	Selection slide	227 073		7	Bridge on the right	224 701
3	Blade holder complete	251 720		500	Cap screw M3x12	022 648
4	Approximate switch inductive	222 821		501	Cap screw M4x6	020 019



4.5 Thread clamping and cutting device

Notes:

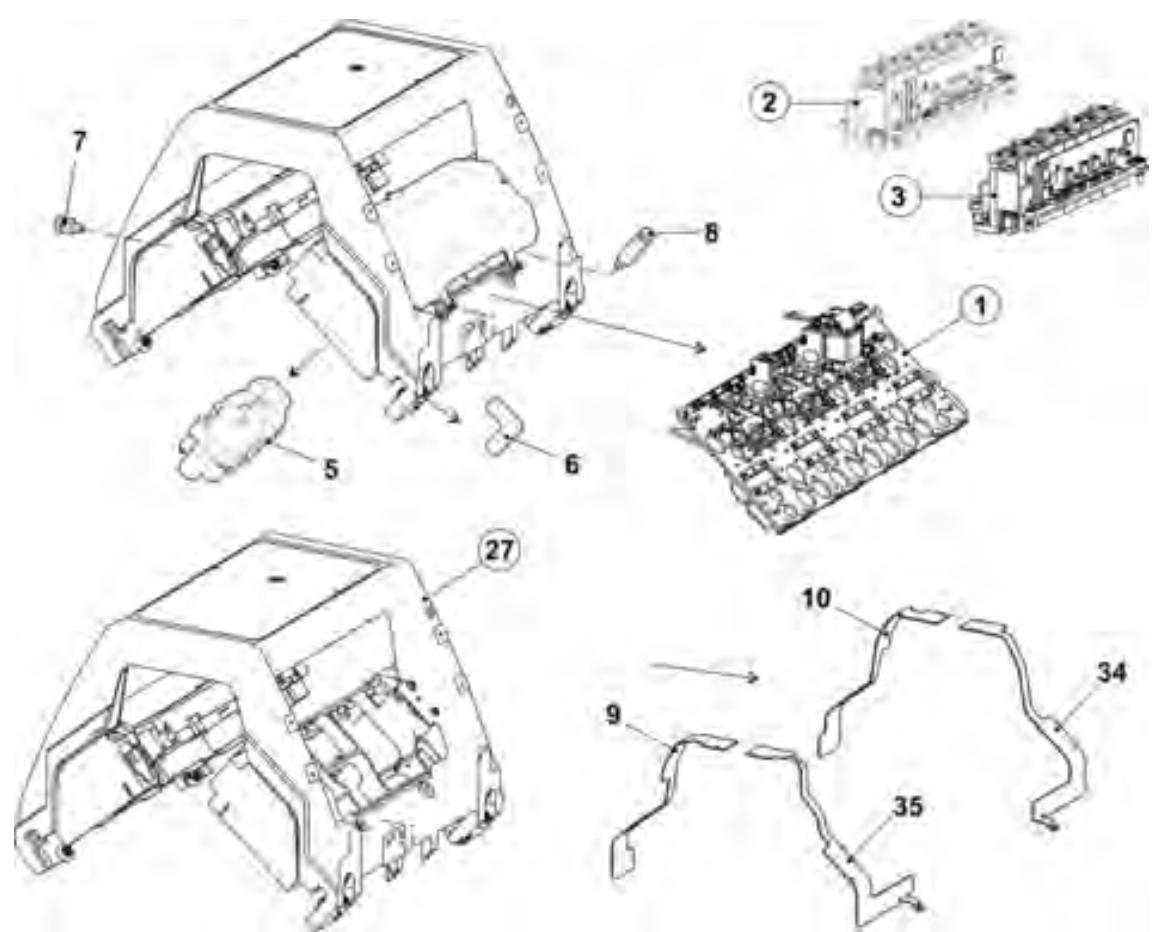
5 Carriage



5.1 Overview of carriage

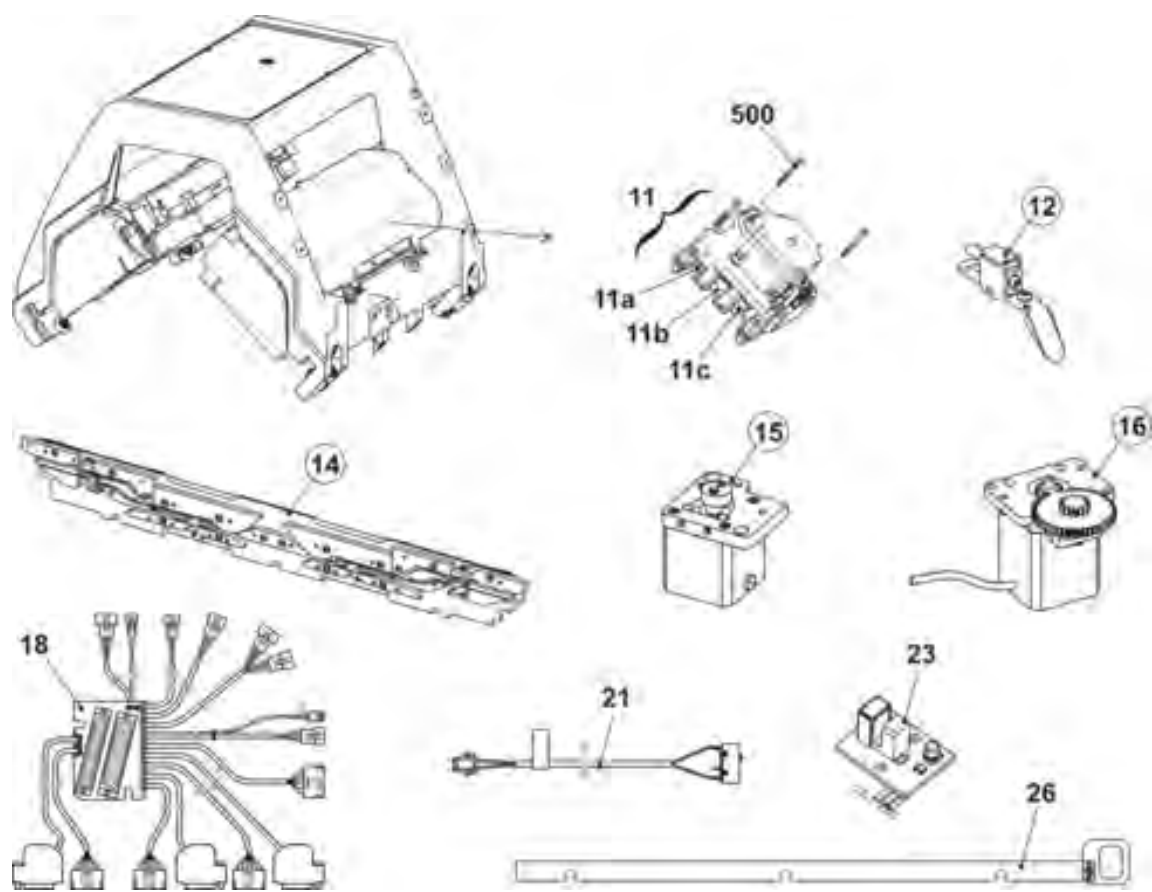
5.1 Overview of carriage

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage complete				
	E6.2	256 414	3	FF driving in the middle complete	245 298
	E7.2	256 415	5	Selection system completeE10-12 (+E6.2)	216 219
	E12	256 405		Selection system completeE14 (+E7.2)	229 300
	E14	256 406	6	Wiper (felt)	241 411
1	Cam box		7	Bolts	212 392
	Cam box complete E6.2	243 419	8	Bolts	243 171
	Cam box at the front complete E7.2	243 420	9	Cover plate on the right	250 275
	Cam box at the front complete E12	244 639	10	Cover plate on the left	250 274
	Cam box at the rear complete E12	244 640	27	Carriage assembly 3 cam boxes complete	256 502
	Cam box complete E14	244 022	34	Guide plate at the rear on the left	245 323
			35	Guide plate at the rear on the right	245 324
2	FF driving outside complete	245 297			



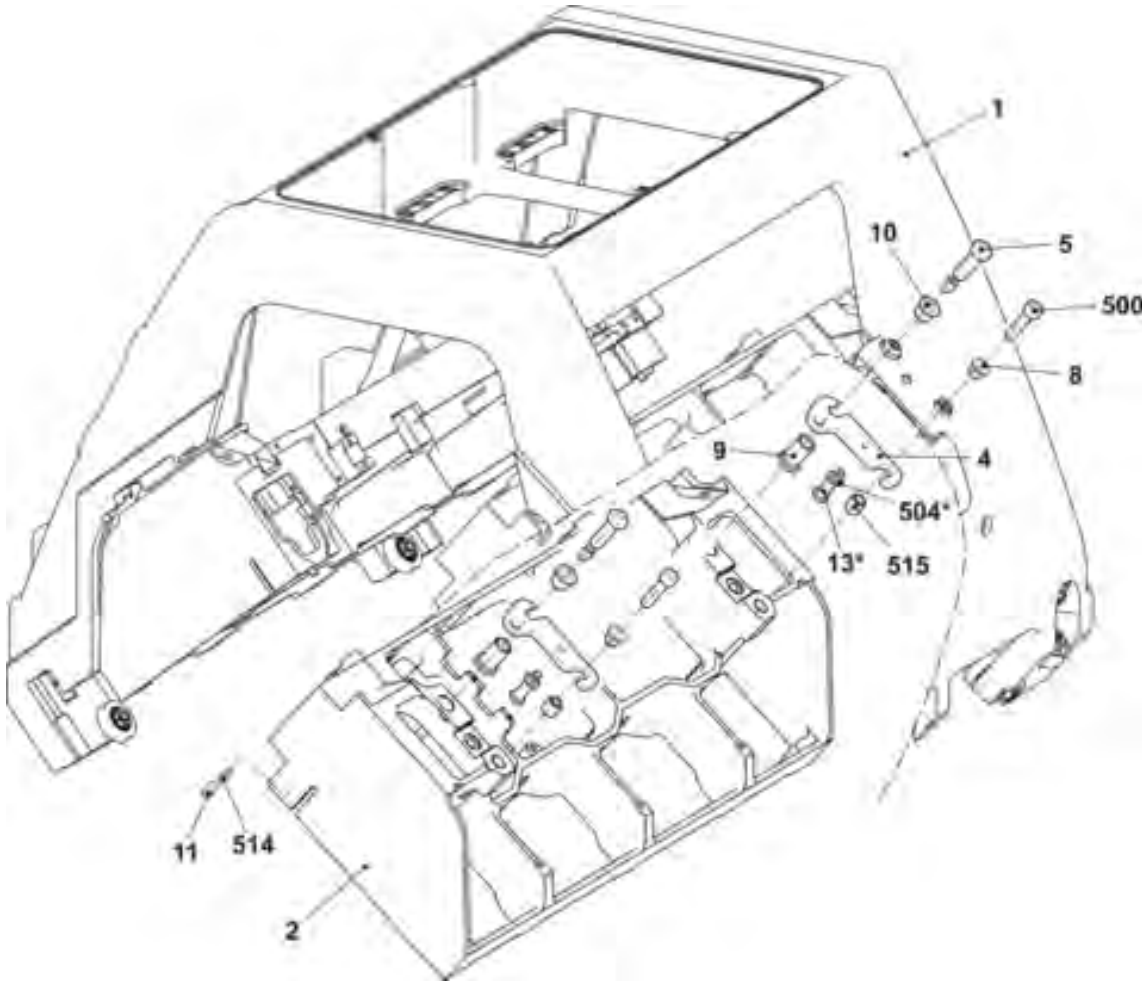
5.2 Overview of carriage, continuation

Pos	Designation		ID	Pos	Designation		ID
Σ	Carriage complete			14	Additional cam complete E6.2	239 198	
	E6.2		256 414		Additional cam complete E7.2		238 144
	E7.2		256 415		Additional cam complete E10-14		224 857
	E12		256 405	15	Control unit brush		224 631
	E14		256 406	16	Control unit holding-down jack		223 380
11	Motor unit complete		253 532	18	Distributor 730T 6Z okc3		259 676
	A11	Gear rack at the top	209 781	21	Cable of needle detector complete		224 655
	11b	Gear rack in the middle	209 782	23	Card light barrier NP		225 087
	11c	Gear rack at the bottom	209 783	26	Sliding rod complete		225 753
12	Needle detector complete		226 969	500	Screw M4x30		023 290



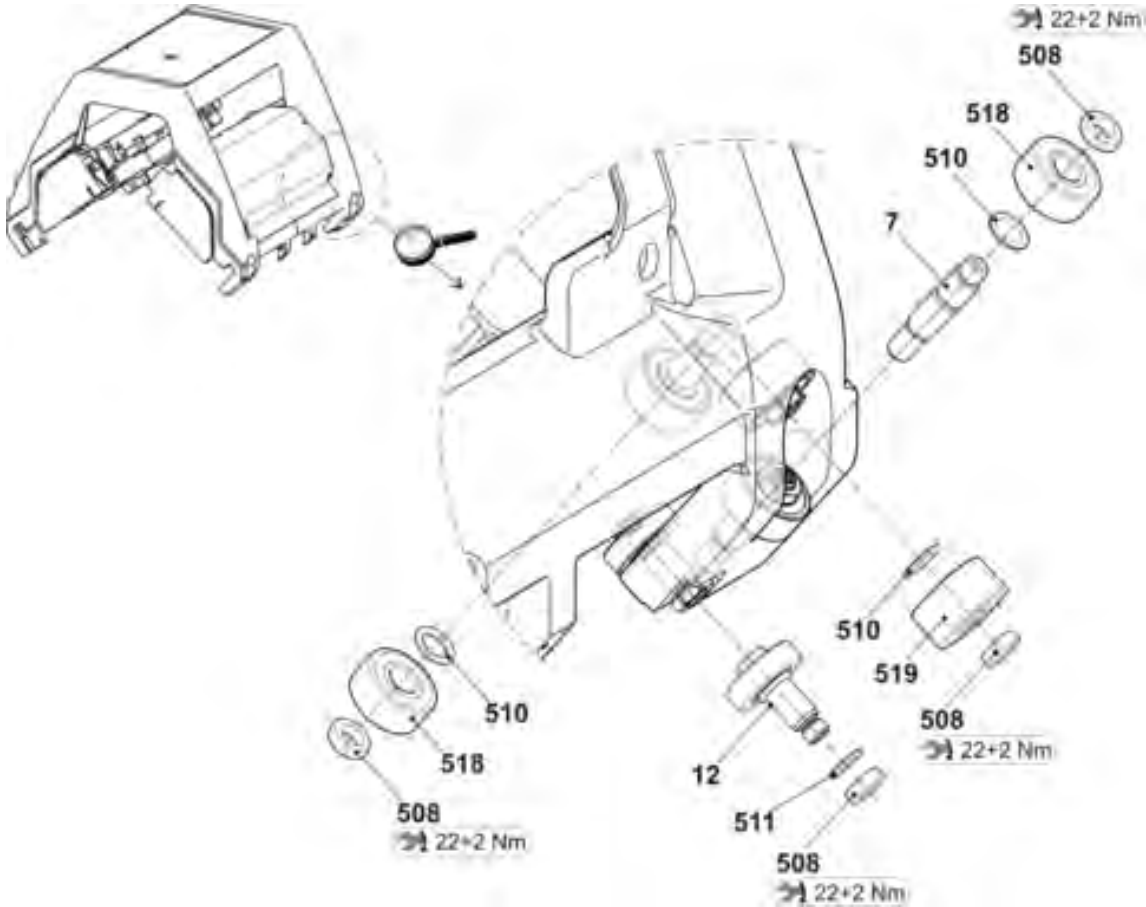
5.3 Carriage assembly

Pos	Designation	ID		Pos	Designation	ID
Σ	Carriage assembly 3 cam boxes complete	256 502		10	Bush	209 274
1	Carriage frame, 3 cam boxes	259 020		11	Eccentric	222 983
2	Carriage part, 3 cam boxes	242 334		13*	Locating bolt linking spot	244 179
4	Shim	225 312		500	Cap screw M8x30	020 143
5	Shoulder screw	211 750		504*	Circlip6	021 022
8	Bush	207 546		514	Dowel pin 5x14	020 670
9	Bush	209 275		515	Threaded bush	041 863



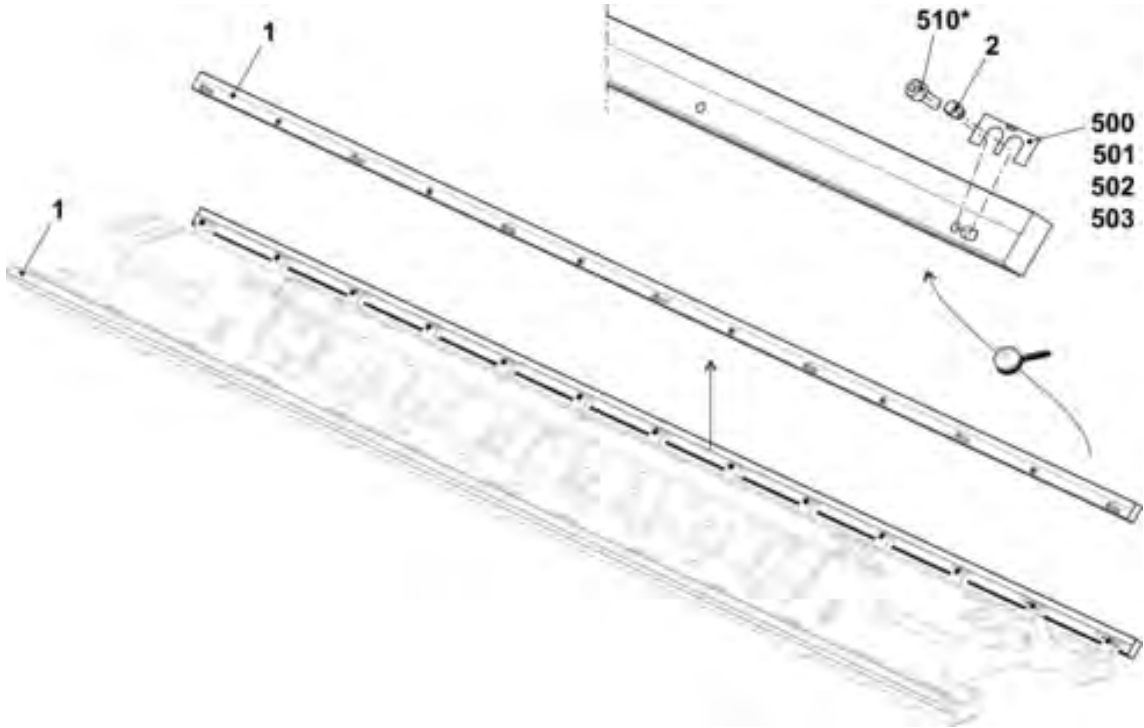
5.4 Carriage guide

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



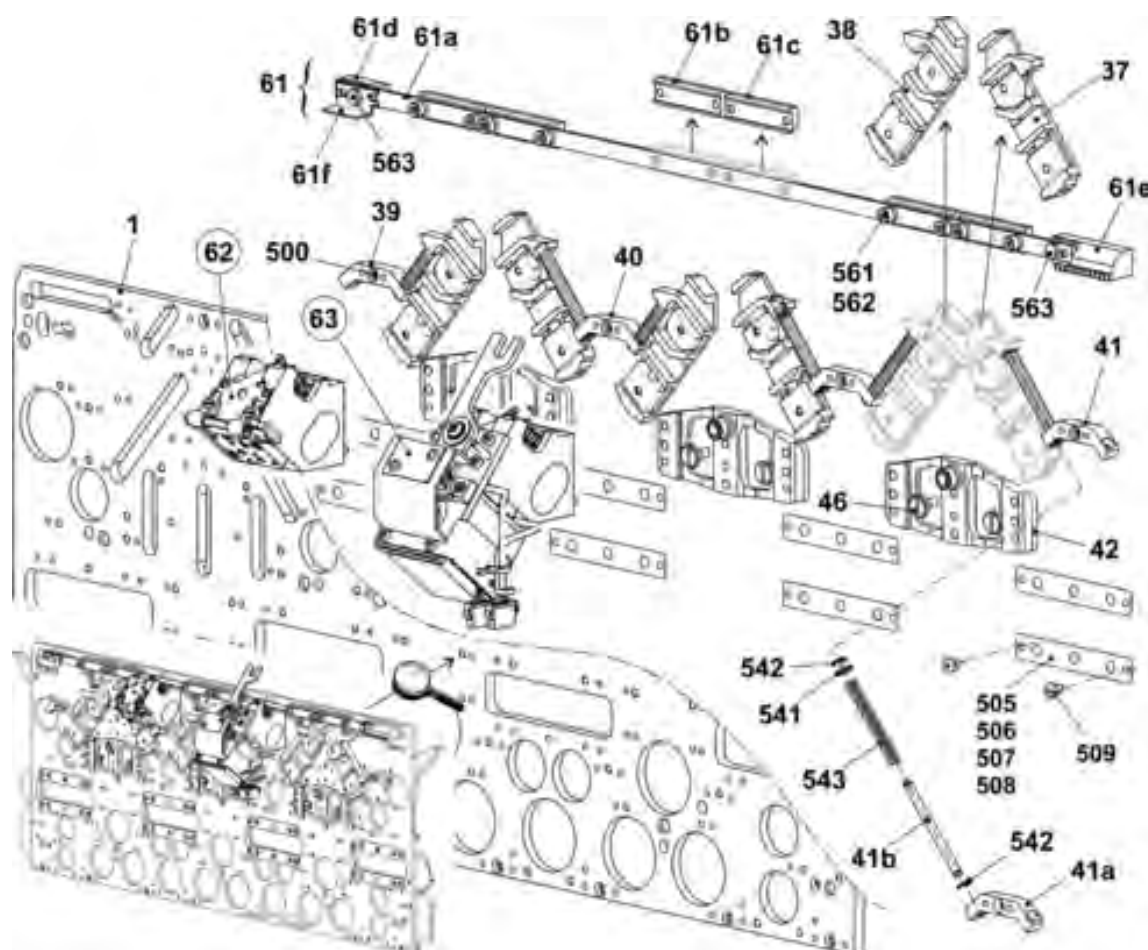
5.5 Spare parts package carriage guide rail

Pos	Designation	Id		Pos	Designation	Id
Σ	Spare parts package carriage guide rail 72"	252 992		501	Shim0,05x22x42	243 291
1	Carriage guide rail	241 308		502	Shim0,10x22x42	243 292
2	Adjusting eccentric	241 219		503	Shim0,20x22x42	243 293
500	Shim0,03x22x42	243 289		510*	Cap screw M8x20	020 141



5.6 Cam parts E6.2 (Top side)

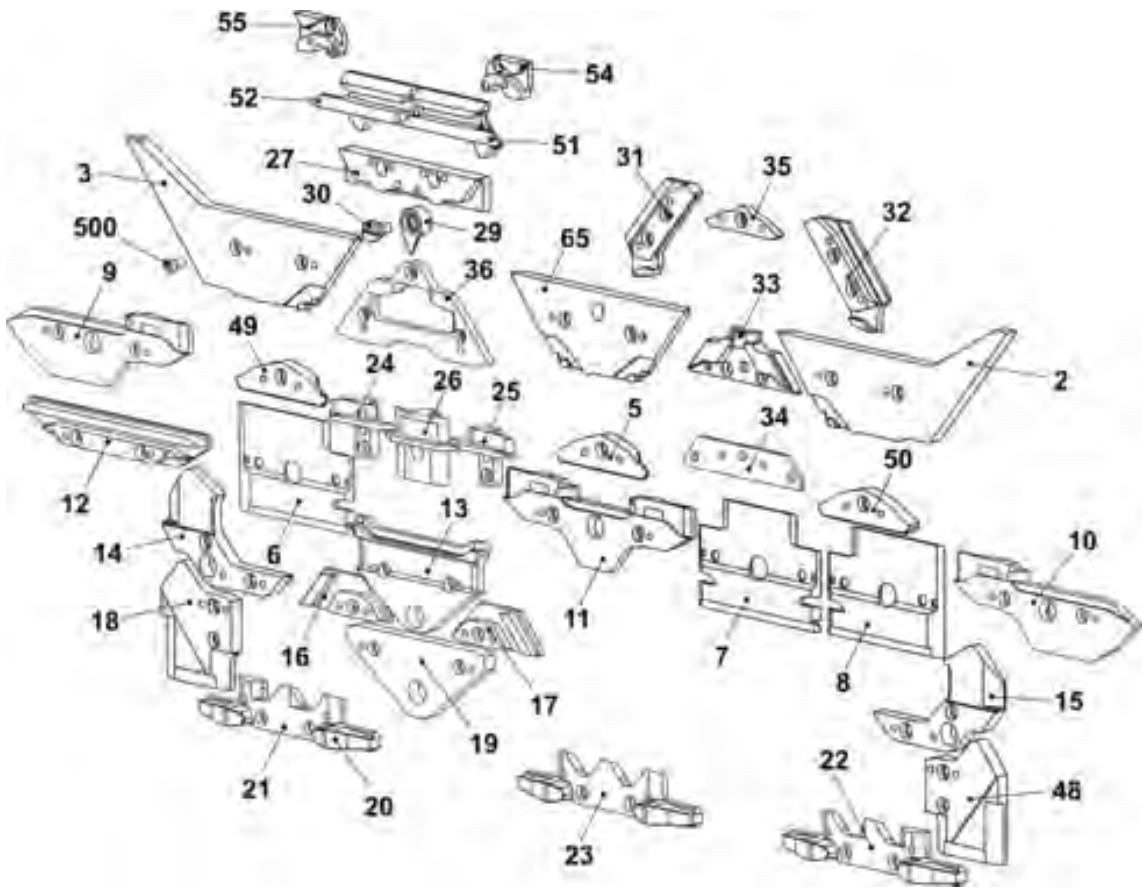
Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E6.2	243 419	61	Control slide complete	219 998
1	Cam plate	242 337	61a	Control slide	219 914
37	Loop sinking cam on the right completeE12-14	219 994	61b	Control part on the left	228 825
38	Loop sinking cam on the left completeE12-14	219 993	61c	Control part on the right	228 826
39	Rod guide element on the left	211 165	61d	Guide part on the left E5-14	219 650
40	Rod guide element in the middle	211 166	61e	Guiding part on the right	222 857
41	Rod guide element on the right	211 168	61f	Switch strip	225 115
41a	Rod guide part	209 792	561	Cap screw M4x8	022 501
41b	Spring rod	209 791	562	Washer4,3x7x2,0	023 597
541	Disk4,3x7x0,5	022 153	563	Hexagon screw M4x8	022 461
542	Circlip 3,2	021 019	62	Supporting block on the left complete	219 995
543	Compression spring	250 515	63	Control unit complete	227 285
42	Switching piece	240 281	505	Shim0,03x12x75	022 828
46	Shoulder screw	239 626	506	Shim0,05x12x75	022 829
509	Pan-head screw M3x4	023 142	507	Shim0,1x12x75	022 830
			508	Shim0,2x12x75	022 831



5.6 Cam parts E6.2 (Top side)

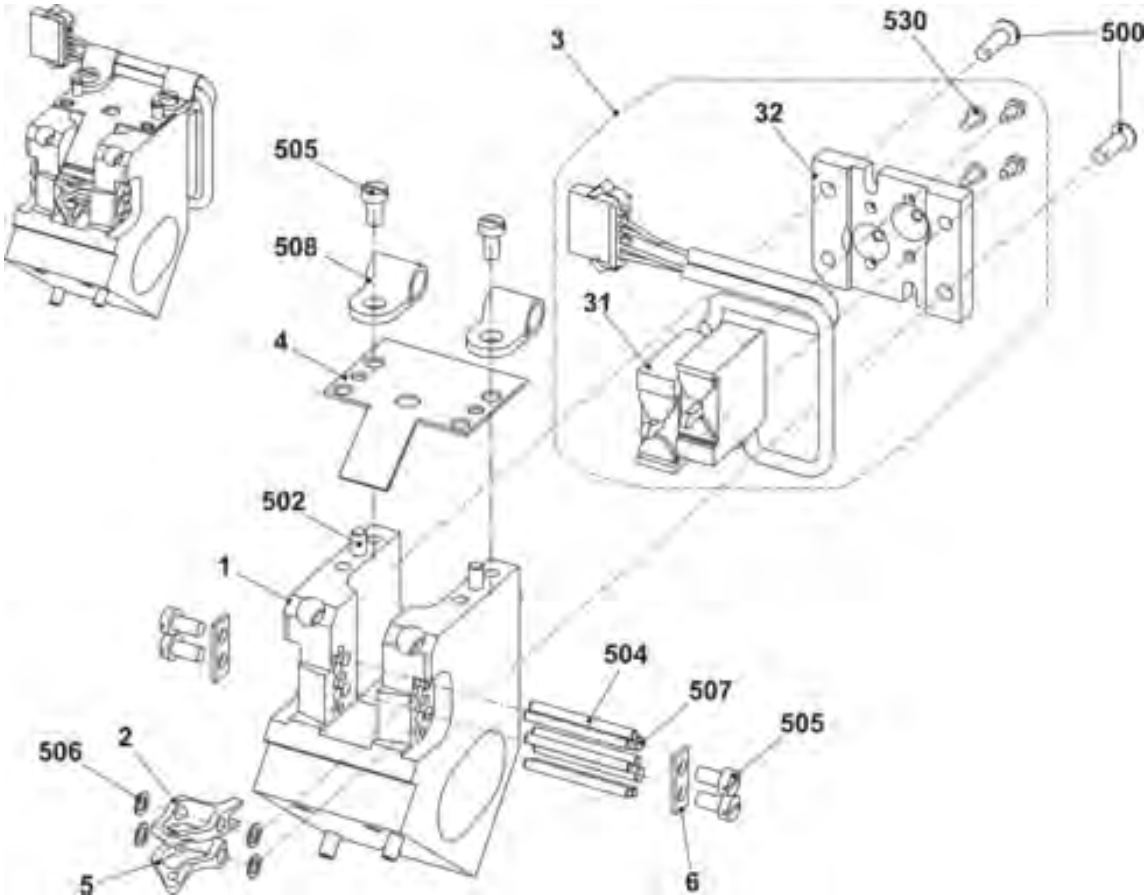
5.6.1 Cams E6.2 (bottom side)

Pos	Designation	ID		Pos	Designation	ID
Σ	Cam box complete E6.2	243 419		24	Pressure part receiving on the left	239 848
2	Entry cam on the left E6.2+7.2	238 141		25	Pressure part receiving on the right	239 849
3	Entry cam on the right E6.2+7.2	238 142		26	Tuck pressure part	239 621
5	Entry cam at the bottom E5-8	212 395		27	Limiting cam E6.2	236 326
6	Plate on the left	230 988		29	Pointer E10-14	210 349
7	Plate in the middle	231 035		30	Screw	210 335
8	Plate on the right	231 036		31	Stitch cam on the left E6.2	236 392
9	Cam on the left	231 039		32	Stitch cam on the right E6.2	236 393
10	Cam part at the right	231 041		33	Tuck limiting cam E6.2	236 429
11	Cam part at the center	231 040		34	Raising cam plate E4-12	204 372
12	Cam part	227 923		35	Receiving cam E6.2	218 433
13	Cam part	210 254		36	Raising cam without split-stitchE6.2	218 434
14	Cam on the left E5-14	212 265			Raising cam with split-stitch (Accessories)	222 038
15	Cam at the right E5-14	212 266		48	Cam at the right E5-14	212 275
16	Cam on the left	236 192		49	Entry cam on the left E5-8	213 161
17	Cam part at the right	236 193		50	Entry cam on the right E5-8	213 162
18	Cam on the left E5-14	212 274		51	Jack slider on the right	239 083
19	Cam part	210 252		52	Jack slider on the left	239 082
20	Offering cam	210 185		54	Floating cam at the right E12-14	238 040
21	Selection cam on the left	212 944		55	Floating cam at the left E12-14	238 039
22	Selection cam on the right	212 947		65	Entry cam in the middle	238 143
23	Selection cam	212 946		500	Cap screw M4x8	020 091



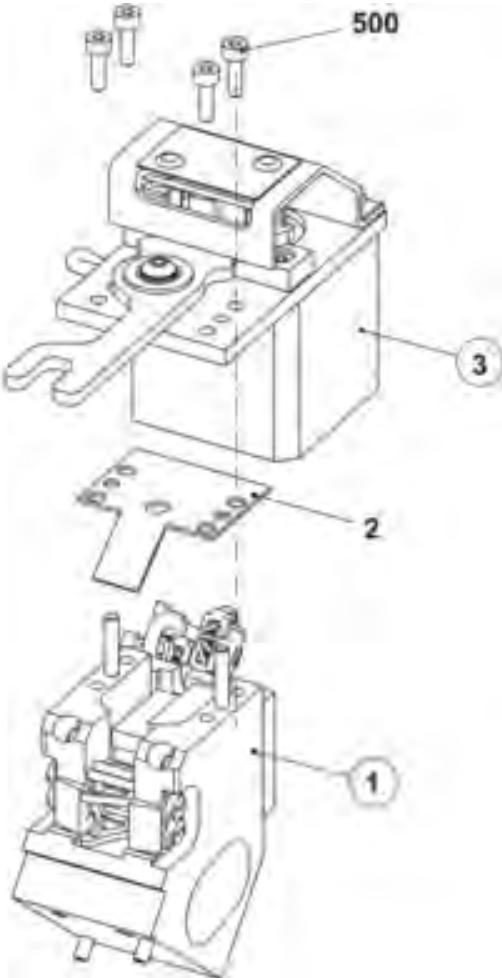
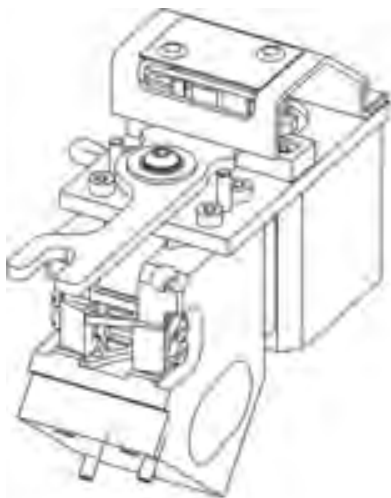
5.6.2 Supporting block on the left complete

Pos	Designation		ID		Pos	Designation		ID
Σ	Supporting block on the left complete		219 995					
1	Supporting block E5-14		219 491		6	Safety plate		224 823
2	Rocker no.1		224 435		500	Pan-head screw M3x10-4.8		020 288
3	Selection complete E5-14		220 020		502	Dowel pin 3x12		020 647
	31	Magnet system	220 021		504	Dowel pin2x24		023 494
	32	Holding plate tilting magnet E5-14	219 727		505	Cap screw M3x6		020 005
	530	Cap screw M2x4	023 624		506	Disk3,05x4,9x0,3		023 589
4	Cover plate		223 177		507	Dowel pin3x24		023 580
5	Rocker no.2		224 436		508	Fastening clip 255/5,2		008 335



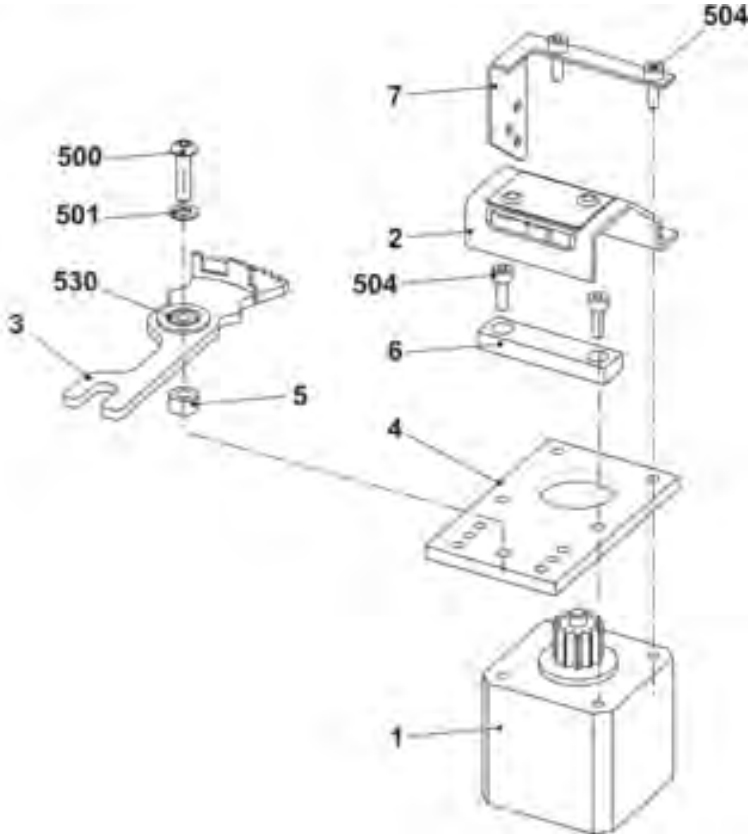
5.6.3 Control unit complete

Pos	Designation	ID		Pos	Designation	ID
Σ	Control unit complete	227 285				
1	Supporting block on the right complete	224 741		3	Control unit complete E5-14	220 066
2	Cover plate	223 177		500	Cap screw M3X10	022 991



5.6.3.1 Control unit

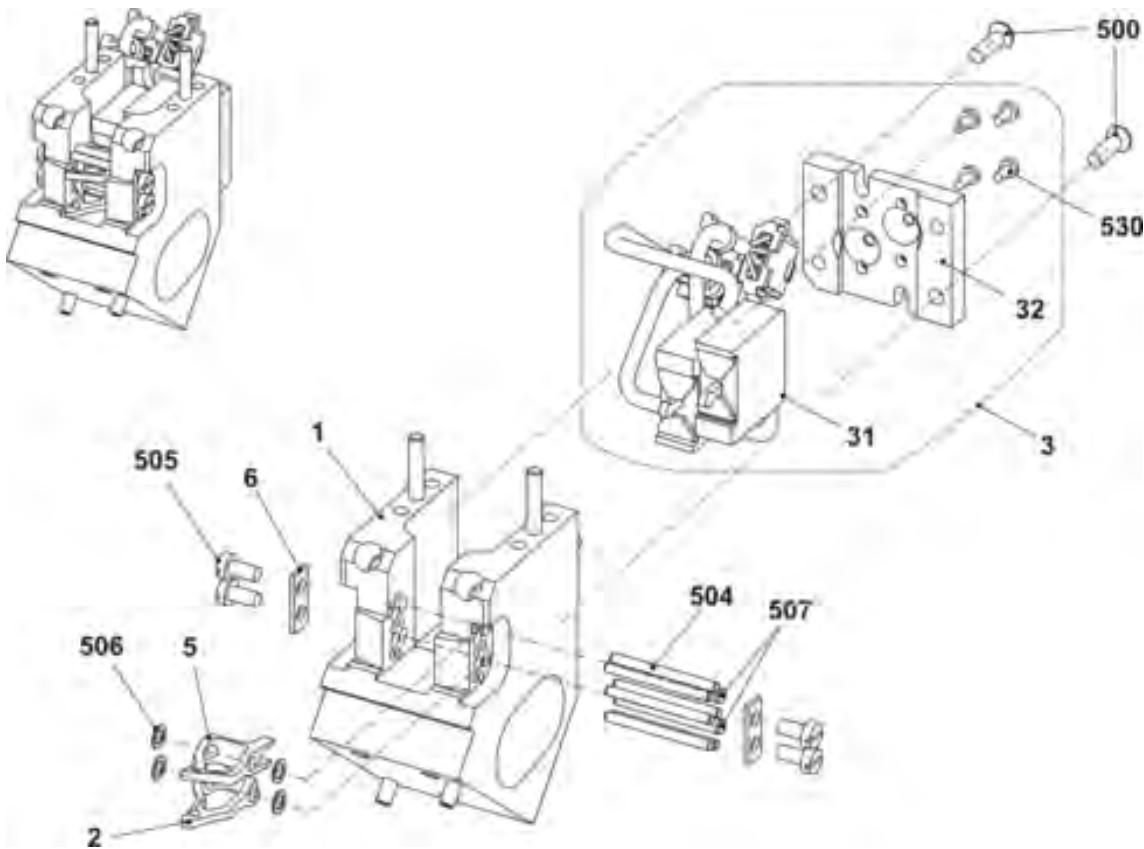
Pos	Designation		ID		Pos	Designation		ID
Σ	Control unit completeE3		220 066					
1	Step motor complete		218 653		6	Stopping strip		223 226
2	Light barrier complete		225 080		7	Retaining plate		225 073
3	Pivot lever complete		225 072		500	Pan-head screw M4x16		023 412
	530	Grooved ball bearing F624-2Z-4x13x5	023 552		501	Washer 4		020 879
4	Motor plate		219 718		504	Cap screw M3x10		022 991
5	Spacing bush		219 726					



5.6 Cam parts E6.2 (Top side)

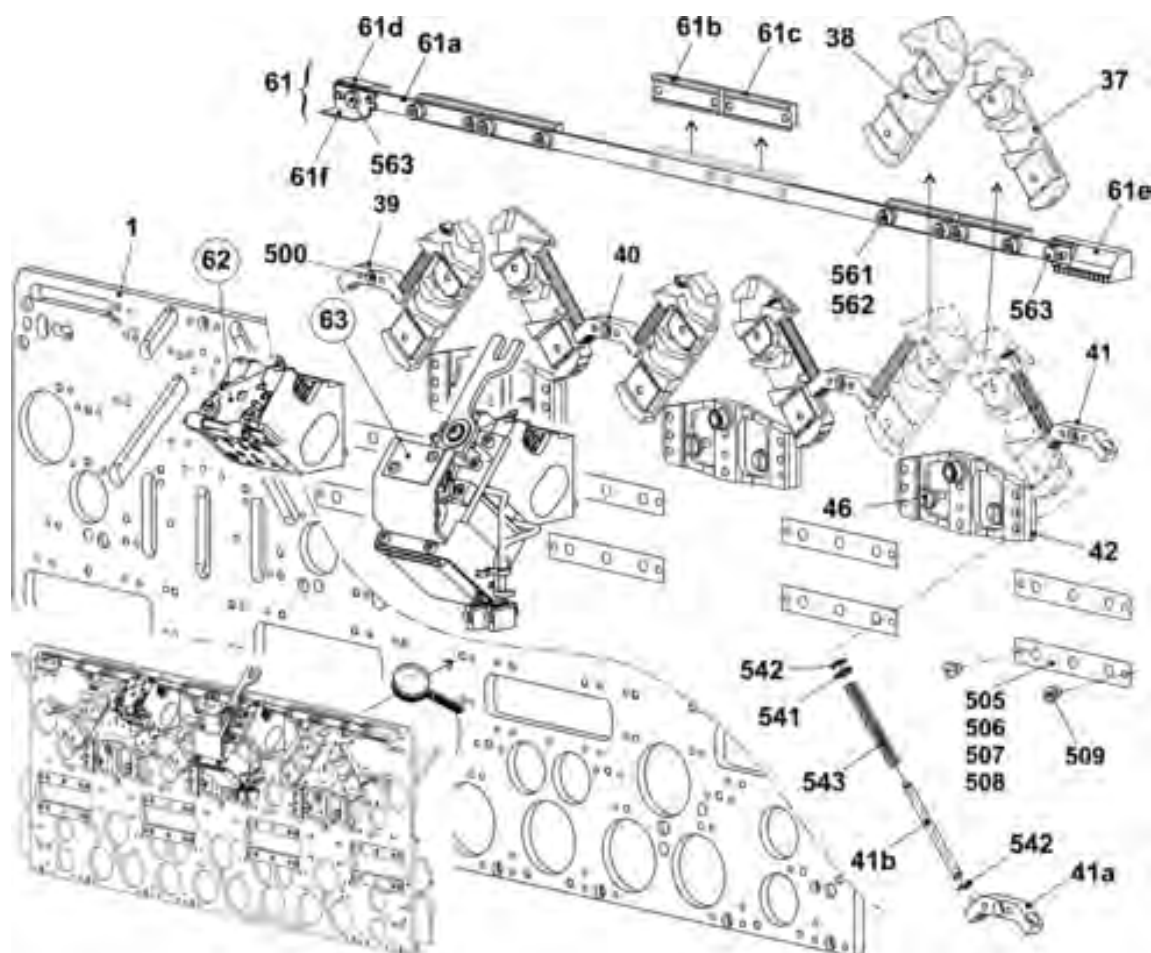
5.6.3.2 Supporting block on the right complete

Pos	Designation		ID		Pos	Designation		ID
Σ	Supporting block on the right complete		224 741					
1	Supporting block E5-14		219 491		6	Safety plate		224 823
2	Rocker no.1		224 435		500	Pan-head screw M3x10-4.8		020 288
3	Selection complete E5-14		220 020		504	Dowel pin2x24		023 494
	31	Magnet system	220 021		505	Cap screw M3x6		020 005
	32	Holding plate tilting magnet E5-14	219 727		506	Disk3,05x4,9x0,3		023 589
	530	Cap screw M2x4	023 624		507	Dowel pin3x24		023 580
5	Rocker no.2		224 436					



5.7 Cam parts E7.2 (Top side)

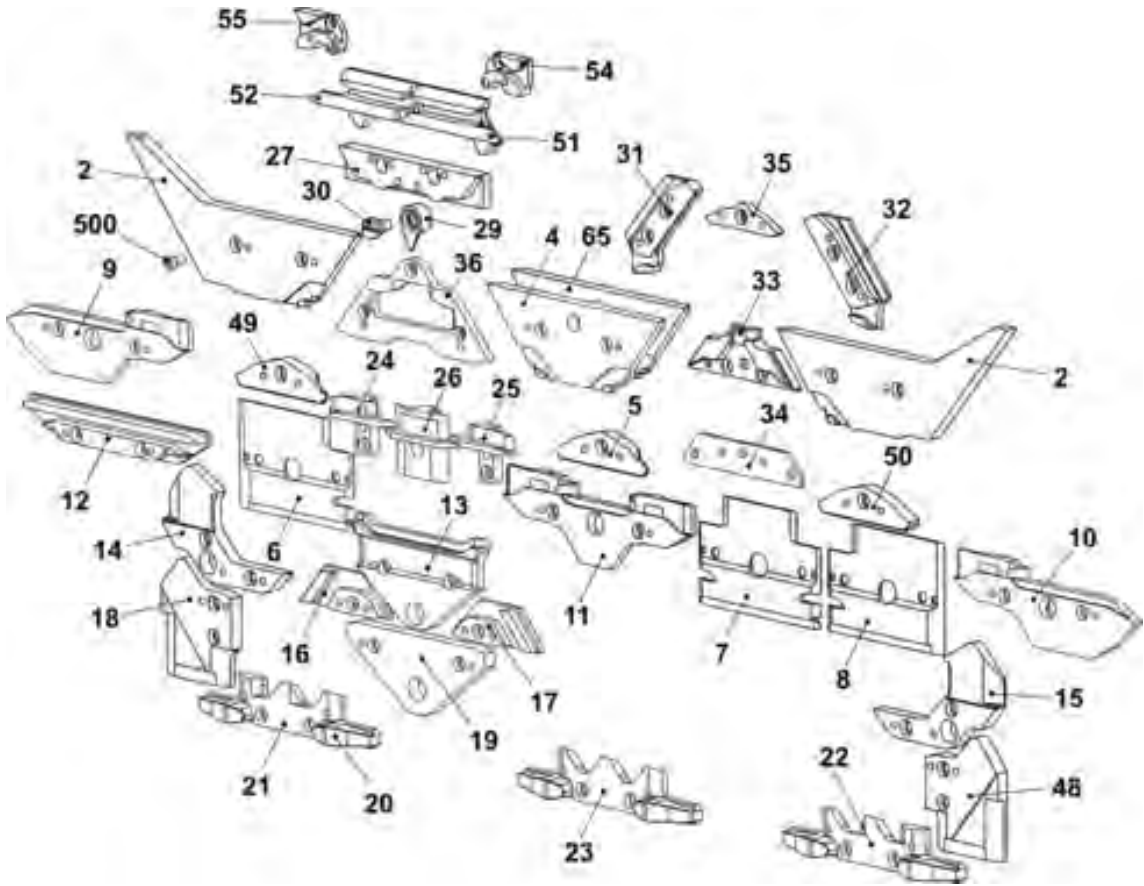
Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E7.2	243 420	61	Control slide complete	219 998
1	Cam plate	242 337	61a	Control slide	219 914
37	Loop sinking cam on the right completeE12-14	219 994	61b	Control part on the left	228 825
38	Loop sinking cam on the left completeE12-14	219 993	61c	Control part on the right	228 826
39	Rod guide element on the left	211 165	61d	Guide part on the left E5-14	219 650
40	Rod guide element in the middle	211 166	61e	Guiding part on the right	222 857
41	Rod guide element on the right	211 168	61f	Switch strip	225 115
41a	Rod guide part	209 792	561	Cap screw M4x8	022 501
41b	Spring rod	209 791	562	Washer4,3x7x2,0	023 597
541	Disk4,3x7x0,5	022 153	563	Hexagon screw M4x8	022 461
542	Circlip 3,2	021 019	62	Supporting block on the left complete	219 995
543	Compression spring	250 515	63	Control unit complete	227 285
42	Switching piece	240 281	505	Shim0,03x12x75	022 828
46	Shoulder screw	239 626	506	Shim0,05x12x75	022 829
509	Pan-head screw M3x4	023 142	507	Shim0,1x12x75	022 830
			508	Shim0,2x12x75	022 831



5.7 Cam parts E7.2 (Top side)

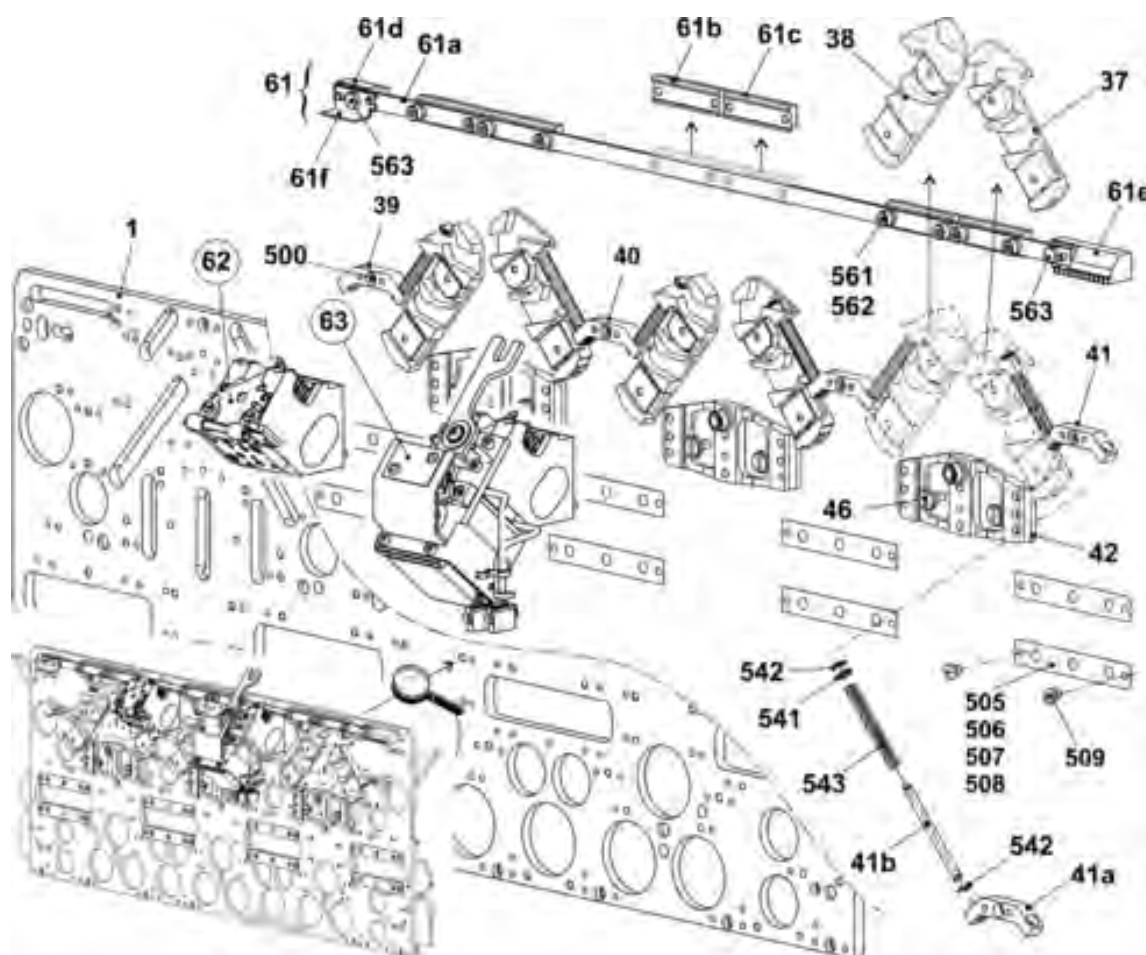
5.7.1 Cams E7.2 (bottom side)

Pos	Designation	ID		Pos	Designation	ID
Σ	Cam box complete E7.2	243 420		24	Pressure part receiving on the left	239 848
2	Entry cam on the left pulling	224 766		25	Pressure part receiving on the right	239 849
3	Entry cam on the right pulling	224 767		26	Tuck pressure part	239 621
4	Entry cam at the top pulling	224 572		27	Limiting cam E10	219 931
5	Entry cam at the bottom -1,5 E10-14	216 328		29	Pointer E10-14	210 349
6	Plate on the left	230 988		30	Screw	210 335
7	Plate in the middle	231 035		31	Stitch cam on the left E10-14	236 318
8	Plate on the right	231 036		32	Stitch cam on the right E10-14	236 319
9	Cam on the left	231 039		33	Tuck limiting cam E10+7.2	236 345
10	Cam part at the right	231 041		34	Raising cam plate E4-12	204 372
11	Cam part at the center	231 040		35	Receiving cam E10-12	210 595
12	Cam part	227 923		36	Raising cam without split-stitchE10-12	213 298
13	Cam part	210 254			Raising cam with split-stitch (Accessories)	222 038
14	Cam on the left E5-14	212 265		48	Cam at the right E5-14	212 275
15	Cam at the right E5-14	212 266		49	Entry cam on the left -1,5 E10-14	216 329
16	Cam on the left	236 192		50	Entry cam on the right -1,5 E10-14	216 330
17	Cam part at the right	236 193		51	Jack slider on the right	239 083
18	Cam on the left E5-14	212 274		52	Jack slider on the left	239 082
19	Cam part	210 252		54	Floating cam at the right E7.2	235 367
20	Offering cam	210 185		55	Floating cam at the left E7.2	235 3667
21	Selection cam on the left	212 944		65	Entry cam at the top pulling	225 333
22	Selection cam on the right	212 947		500	Cap screw M4x8	020 091
23	Selection cam	212 946				



5.8 Cams E6.2(12) (top side)

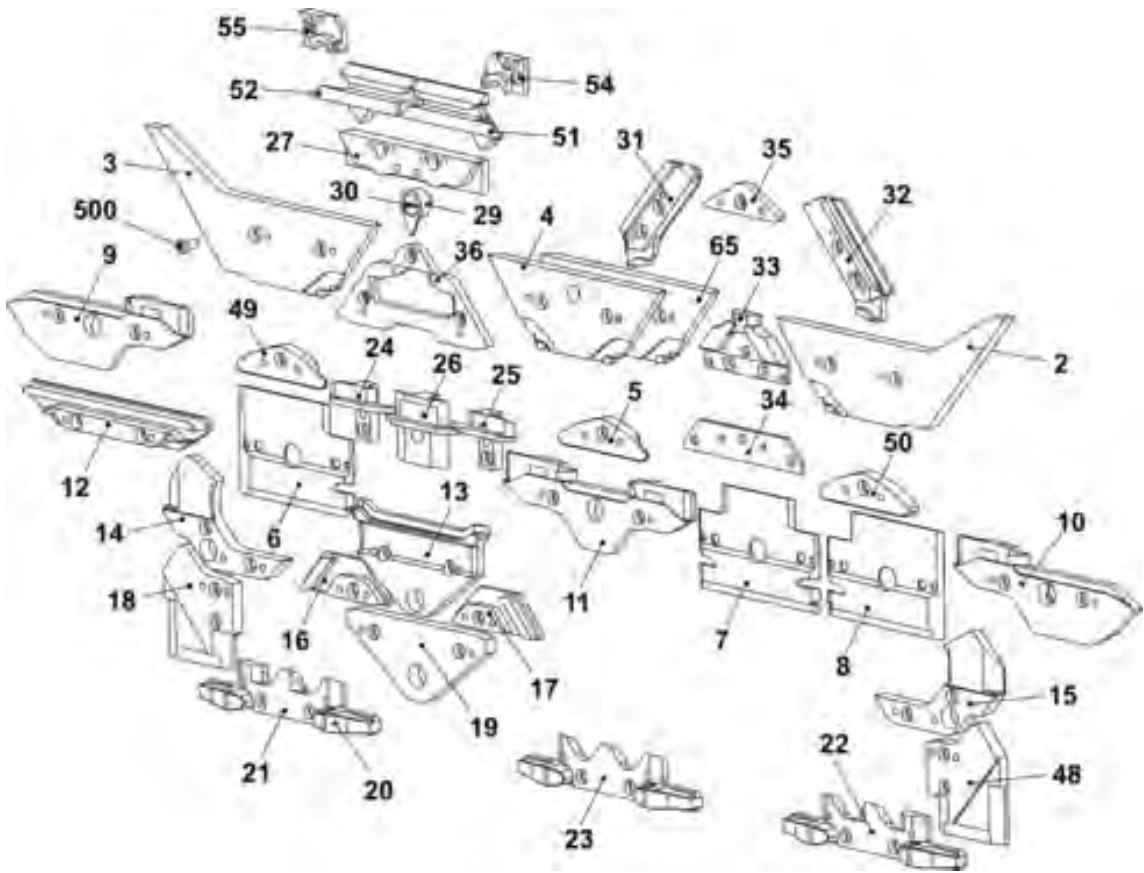
Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box at the front complete E12	244 639	61	Control slide complete	219 998
	Cam box at the rear complete E12	244 640	61a	Control slide	219 914
1	Cam plate	242 337	61b	Control part on the left	228 825
37	Loop sinking cam on the right completeE12-14	219 994	61c	Control part on the right	228 826
38	Loop sinking cam on the left completeE12-14	219 993	61d	Guide part on the left E5-14	219 650
39	Rod guide element on the left	211 165	61e	Guiding part on the right	222 857
40	Rod guide element in the middle	211 166	61f	Switch strip	225 115
41	Rod guide element on the right	211 168	561	Cap screw M4x8	022 501
41a	Rod guide part	209 792	562	Washer4,3x7x2,0	023 597
41b	Spring rod	209 791	563	Hexagon screw M4x8	022 461
541	Disk4,3x7x0,5	022 153	62	Supporting block on the left complete	219 995
542	Circlip 3,2	021 019	63	Control unit complete	227 285
543	Compression spring	250 515	505	Shim0,03x12x75	022 828
42	Switching piece	240 281	506	Shim0,05x12x75	022 829
46	Shoulder screw	239 626	507	Shim0,1x12x75	022 830
509	Pan-head screw M3x4	023 142	508	Shim0,2x12x75	022 831



5.8 Cams E6.2(12) (top side)

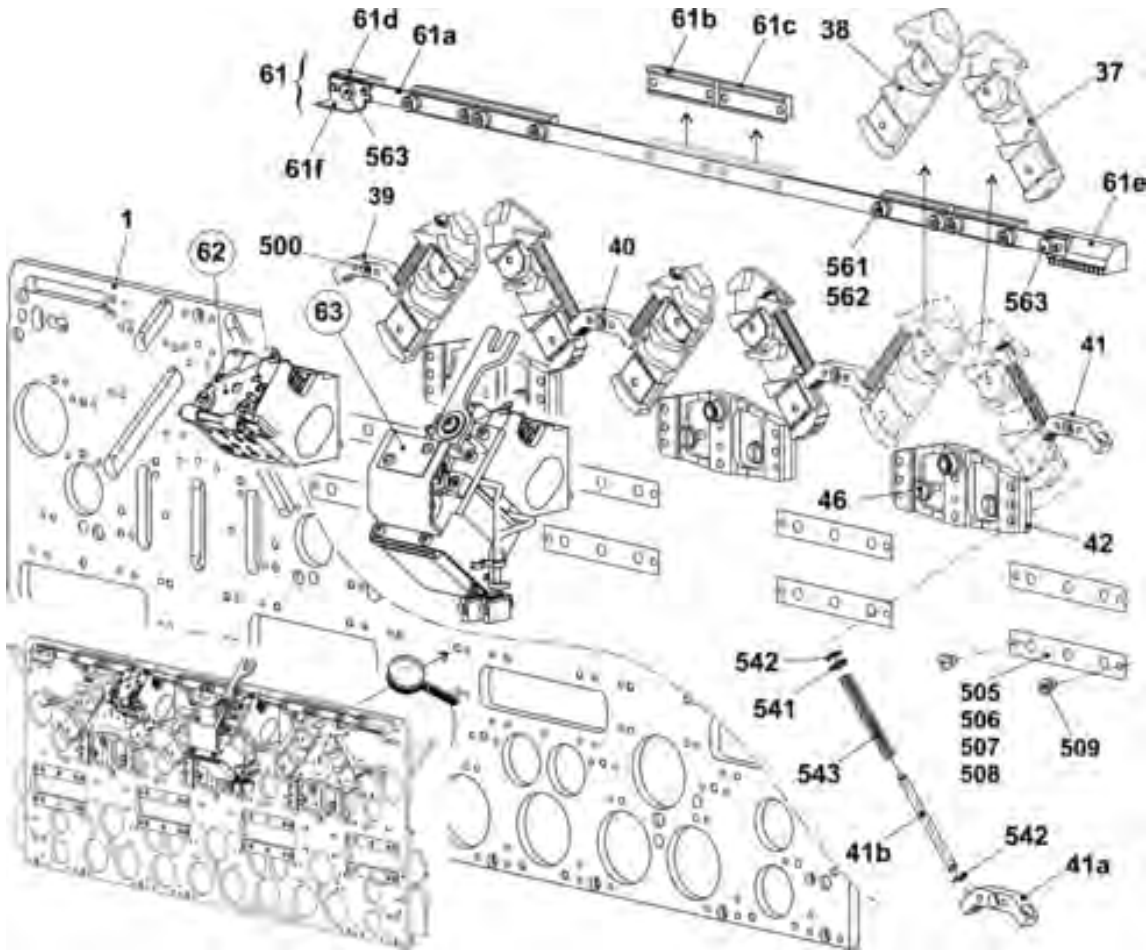
5.8.1 Cams E6.2(12) (bottom side)

Pos	Designation	ID		Pos	Designation	ID
Σ	Cam box at the front complete E12	244 639		24	Pressure part receiving on the left	239 848
	Cam box at the rear complete E12	244 640		25	Pressure part receiving on the right	239 849
2	Entry cam on the right pulling	224 767		26	Tuck pressure part	239 621
3	Entry cam on the left pulling	224 766		27	Limiting cam E12-14	219 937
4	Entry cam at the top pulling	224 572		29	Pointer E10-14	210 349
5	Entry cam at the bottom -1,5 E10-14	216 328		30	Screw	210 335
6	Plate on the left	230 988		31	Stitch cam on the left E10-14	236 318
7	Plate in the middle	231 035		32	Stitch cam on the right E10-14 (front)	236 319
8	Plate on the right	231 036			Stitch cam at the rear on the right R/R E10-14	236 320
9	Cam on the left	231 039		33	Tuck limiting cam E12	236 403
10	Cam part at the right	231 041		34	Raising cam plate E4-12	204 372
11	Cam part at the center	231 040		35	Receiving cam E6.2	218 433
12	Cam part	227 923		36	Raising cam without split-stitchE6.2	218 434
13	Cam part	210 254			Raising cam with split-stitch (Accessories)	222 038
14	Cam on the left E5-14	212 265		48	Cam at the right E5-14	212 275
15	Cam at the right E5-14	212 266		49	Entry cam on the left -1,5 E10-14	216 329
16	Cam on the left	236 192		50	Entry cam on the right -1,5 E10-14	216 330
17	Cam part at the right	236 193		51	Jack slider on the right	242 001
18	Cam on the left E5-14	212 274		52	Jack slider on the left	242 000
19	Cam part	210 252		54	Floating cam at the right E12-14	227 278
20	Offering cam	210 185		55	Floating cam at the left E12-14	227 277
21	Selection cam on the left	212 944		65	Entry cam at the top pulling	225 333
22	Selection cam on the right	212 947		500	Cap screw M4x8	020 091
23	Selection cam	212 946				



5.9 Cam parts E7.2(14) (Top side)

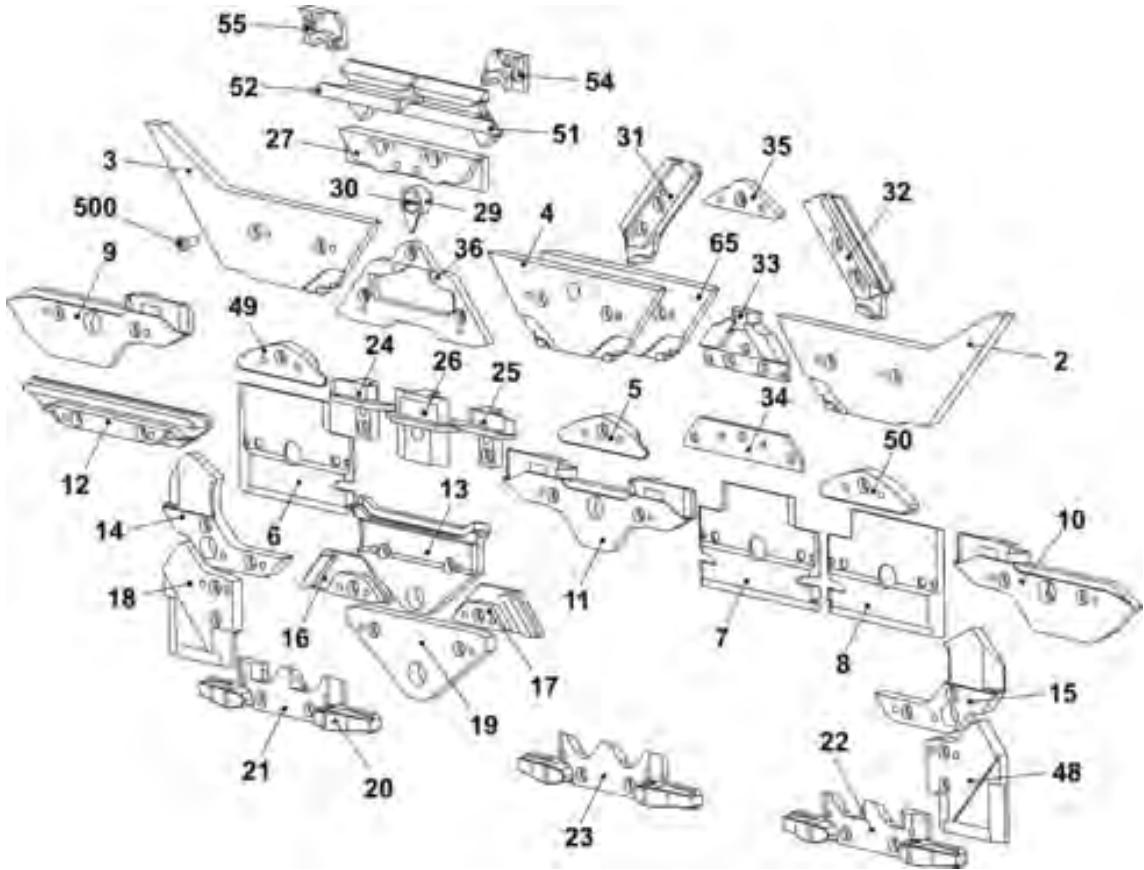
Pos	Designation	ID	Pos	Designation	ID
Σ	Cam box complete E14	244 022	61	Control slide complete	219 998
1	Cam plate	242 337	61a	Control slide	219 914
37	Loop sinking cam on the right complete E12-14	219 994	61b	Control part on the left	228 825
38	Loop sinking cam on the left completeE12-14	219 993	61c	Control part on the right	228 826
39	Rod guide element on the left	211 165	61d	Guide part on the left E5-14	219 650
40	Rod guide element in the middle	211 166	61e	Guiding part on the right	222 857
41	Rod guide element on the right	211 168	61f	Switch strip	225 115
41a	Rod guide part	209 792	561	Cap screw M4x8	022 501
41b	Spring rod	209 791	562	Washer4,3x7x2,0	023 597
541	Disk4,3x7x0,5	022 153	563	Hexagon screw M4x8	022 461
542	Circlip 3,2	021 019	62	Supporting block on the left complete	219 995
543	Compression spring	250 515	63	Control unit complete	227 285
42	Switching piece	240 281	505	Shim0,03x12x75	022 828
46	Shoulder screw	239 626	506	Shim0,05x12x75	022 829
509	Pan-head screw M3x4	023 142	507	Shim0,1x12x75	022 830
			508	Shim0,2x12x75	022 831



5.9 Cam parts E7.2(14) (Top side)

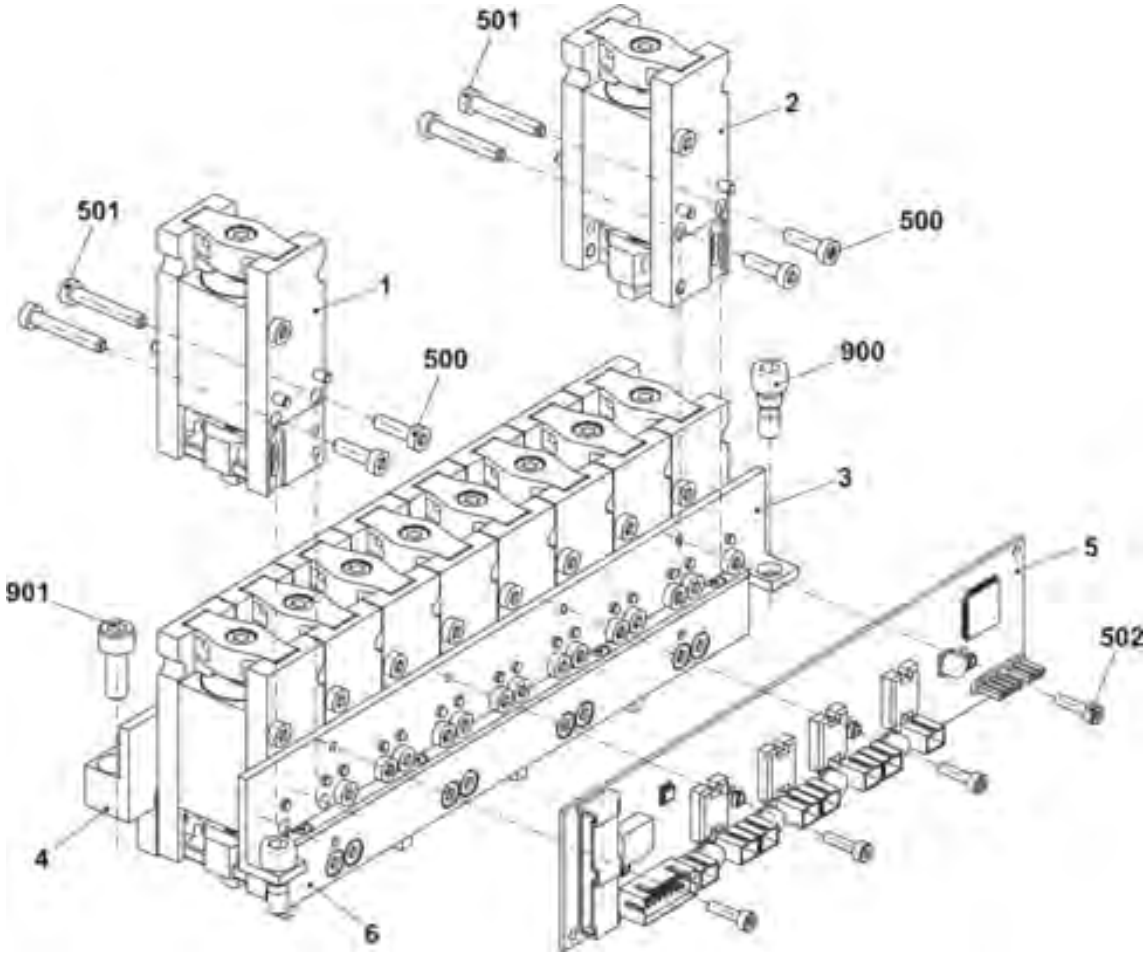
5.9.1 Cams E7.2(14) (bottom side)

Pos	Designation	ID		Pos	Designation	ID
Σ	Cam box complete E14	244 022		24	Pressure part receiving on the left	239 848
2	Entry cam on the right pulling	224 767		25	Pressure part receiving on the right	239 849
3	Entry cam on the left pulling	224 766		26	Tuck pressure part	239 621
4	Entry cam at the top pulling	224 572		27	Limiting cam E12-14	219 937
5	Entry cam at the bottom -1,5 E10-14	216 328		29	Pointer E10-14	210 349
6	Plate on the left	230 988		30	Screw	210 335
7	Plate in the middle	231 035		31	Stitch cam on the left E10-14	236 318
8	Plate on the right	231 036		32	Stitch cam on the right E10-14	236 319
9	Cam on the left	231 039		33	Tuck limiting cam E14	236 428
10	Cam part at the right	231 041		34	Raising cam plate E4-12	204 372
11	Cam part at the center	231 040		35	Receiving cam E6.2	218 433
12	Cam part	227 923		36	Raising cam without split-stitchE6.2	218 434
13	Cam part	210 254			Raising cam with split-stitch (Accessories)	222 038
14	Cam on the left E5-14	212 265		48	Cam at the right E5-14	212 275
15	Cam at the right E5-14	212 266		49	Entry cam on the left -1,5 E10-14	216 329
16	Cam on the left	236 192		50	Entry cam on the right -1,5 E10-14	216 330
17	Cam part at the right	236 193		51	Jack slider on the right	242 001
18	Cam on the left E5-14	212 274		52	Jack slider on the left	242 000
19	Cam part	210 252		54	Floating cam at the right E12-14	227 278
20	Offering cam	210 185		55	Floating cam at the left E12-14	227 277
21	Selection cam on the left	212 944		65	Entry cam at the top pulling	225 333
22	Selection cam on the right	212 947		500	Cap screw M4x8	020 091
23	Selection cam	212 946				



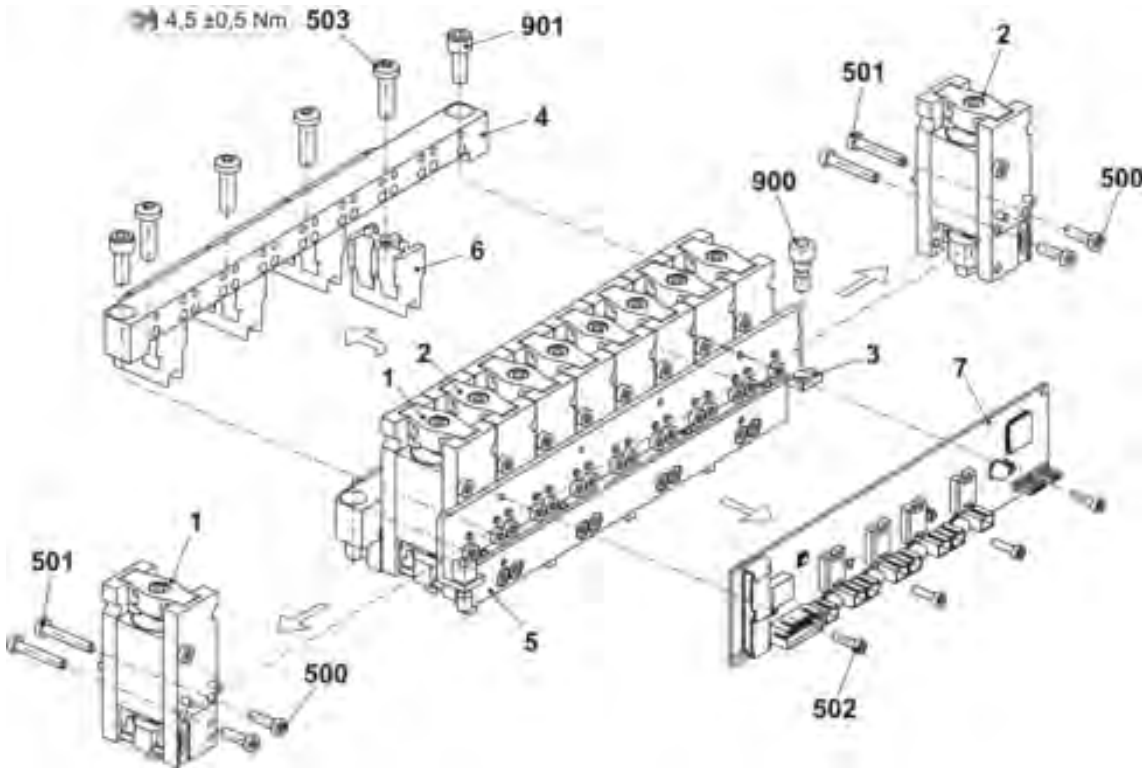
5.10 Yarn carrier driving without guide part

Pos	Designation	ID		Pos	Designation	ID
Σ	FF driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screwM4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screwM4x25-I-Torx	245 305
3	Holding angle for jack	245 313		502	Cap screwM3x12-12.9	022 648
4	Holding block outside	245 294		900	Shoulder screw	231 899
5	Card yarn carrier final stagesOKC	300 960		901	Cap screwM6x16	020 135



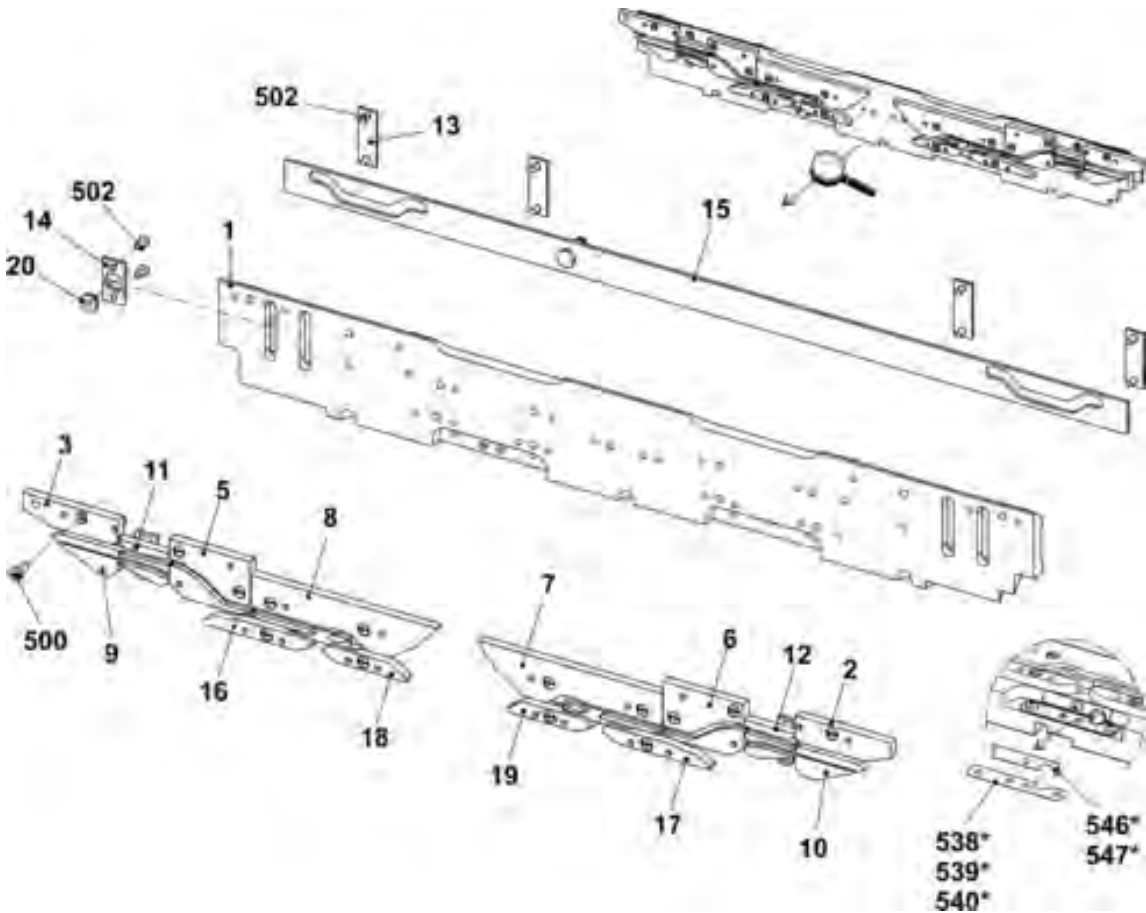
5.11 Yarn carrier driving with guide part

Pos	Designation	ID		Pos	Designation	ID
Σ	YC driving in the middle complete	245 298		7	Card yarn carrier final stagesOKC	300 960
1	Yarn carrier plunger on the right complete	243 080		500	Cap screwM4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screwM4x25-I-Torx	245 305
3	Holding angle for jack	245 313		502	Cap screwM3x12-12.9	022 648
4	Holding block in the middle	245 308		503	Screw KB60x20	243 625
5	Switch mechanism	251 137		900	Shoulder screw	231 899
6	Guide part	239 972		901	Cap screwM6x16	020 135



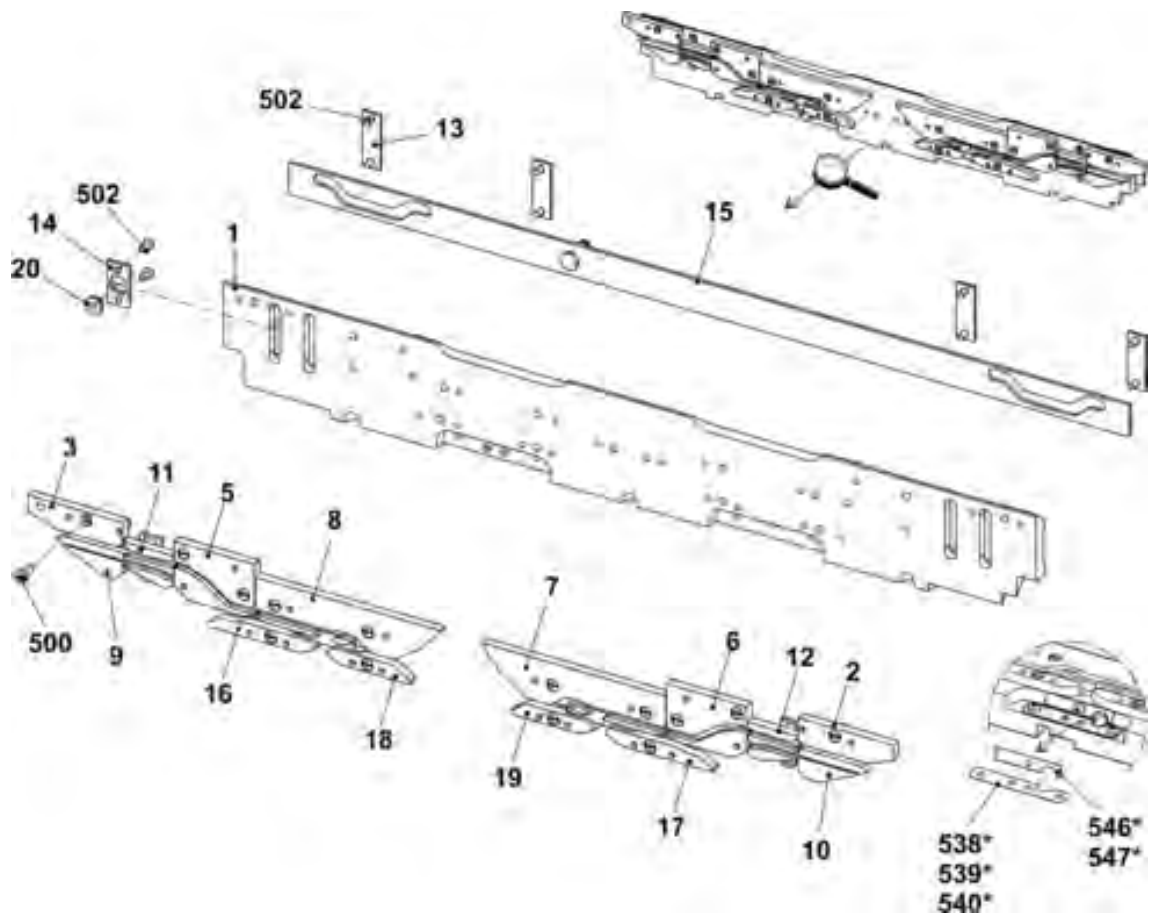
5.12 Additional cam box E6.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional cam complete E6.2	239 198				
1	Additional cam plate	224 751		15	Slider complete	224 854
2	Racking entry cam on the right	228 844		16	Collecting part on the left	226 691
3	Racking entry cam on the left	228 848		17	Collecting part on the right	226 692
5	Central cam on the left E6.2+7.2	237 160		18	Collecting part on the left	228 922
6	Central cam on the right E6.2+7.2	237 161		19	Collecting part on the right	228 923
7	Selection switch on the right	228 920		20	Cap bush	225 855
8	Selection switch on the left	228 921		500	Cap screw M4x8	020 091
9	Entry switch on the leftE10-14	228 832		502	Countersunk screw M3x6	020 286
10	Entry switch on the rightE10-14	228 823		538*	Shim0,03x10x50	023 622
11	Switching part on the left at the rear +0.5mm E6.2	239 450		539*	Shim0,05x10x50	023 548
12	Switching part on the right at the rear +0.5mm E6.2	239 451		540*	Shim0,1x10x50	023 549
13	Guiding plate	224 771		546*	Shim0,05x7x36	239 606
14	Slider cover plate	224 776		547*	Shim0,1x7x36	239 607



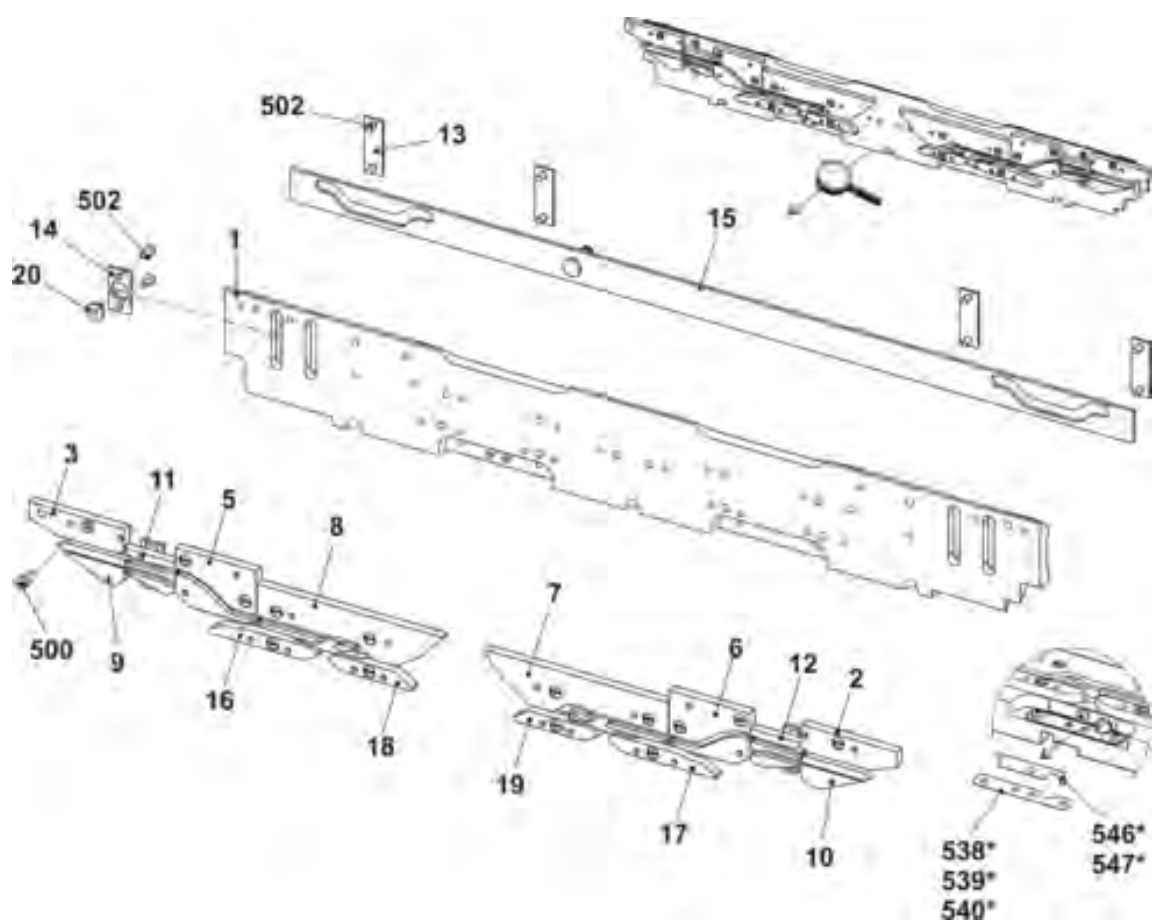
5.13 Additional cam box E7.2

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional cam complete E7.2	238 144				
1	Additional cam plate	224 751		15	Slider complete	224 854
2	Racking entry cam on the right	228 844		16	Collecting part on the left	226 691
3	Racking entry cam on the left	228 848		17	Collecting part on the right	226 692
5	Central cam on the left E6.2+7.2	237 160		18	Collecting part on the left	228 922
6	Central cam on the right E6.2+7.2	237 161		19	Collecting part on the right	228 923
7	Selection switch on the right	228 920		20	Cap bush	225 855
8	Selection switch on the left	228 921		500	Cap screw M4x8	020 091
9	Entry switch on the leftE10-14	228 832		502	Countersunk screw M3x6	020 286
10	Entry switch on the rightE10-14	228 823		538*	Shim0,03x10x50	023 622
11	Switching part on the left at the rear E6.2+7.2	237 601		539*	Shim0,05x10x50	023 548
12	Switching part on the right at the rear E6.2+7.2	237 600		540*	Shim0,1x10x50	023 549
13	Guiding plate	224 771		546*	Shim0,05x7x36	239 606
14	Slider cover plate	224 776		547*	Shim0,1x7x36	239 607



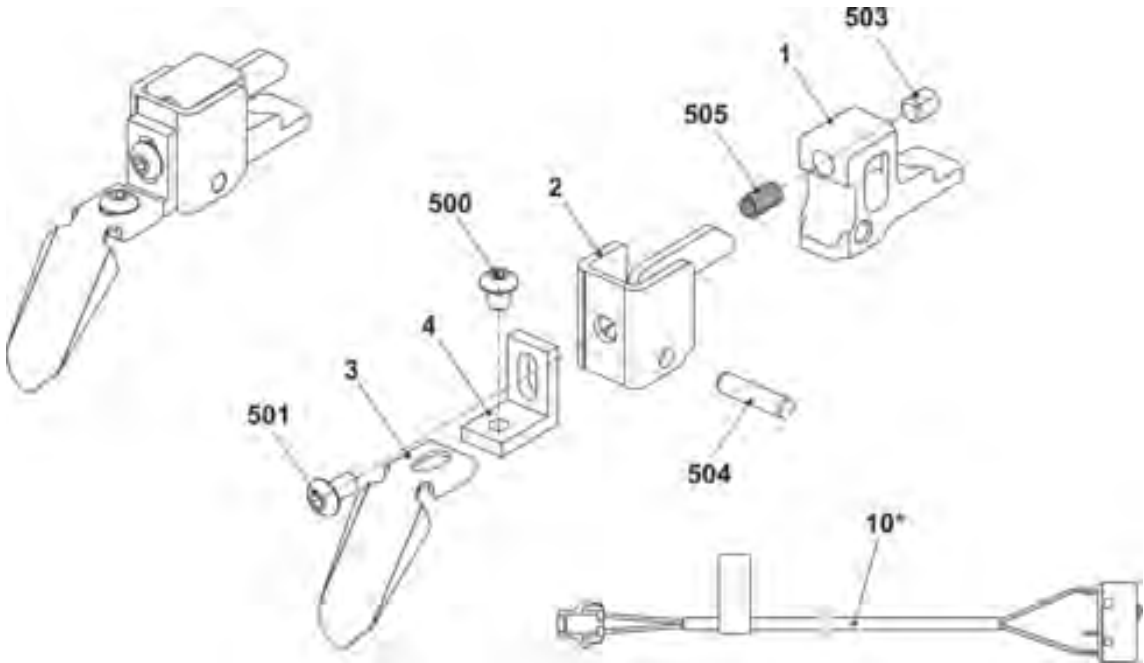
5.14 Additional cam box E6.2(12) + E7.2(14)

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional cam complete E3	224 857				
1	Additional cam plate	224 751		15	Slider complete	224 854
2	Racking entry cam on the right	228 844		16	Collecting part on the left	226 691
3	Racking entry cam on the left	228 848		17	Collecting part on the right	226 692
5	Central cam on the left E10-14	230 420		18	Collecting part on the left	228 922
6	Central cam on the right E10-14	230 421		19	Collecting part on the right	228 923
7	Selection switch on the right	228 920		20	Cap bush	225 855
8	Selection switch on the left	228 921		500	Cap screw M4x8	020 091
9	Entry switch on the leftE10-14	228 832		502	Countersunk screw M3x6	020 286
10	Entry switch on the rightE10-14	228 823		538*	Shim0,03x10x50	023 622
11	Switching part on the left E10-14	230 422		539*	Shim0,05x10x50	023 548
12	Switching part on the right E10-14	230 423		540*	Shim0,1x10x50	023 549
13	Guiding plate	224 771		546*	Shim0,05x7x36	239 606
14	Slider cover plate	224 776		547*	Shim0,1x7x36	239 607



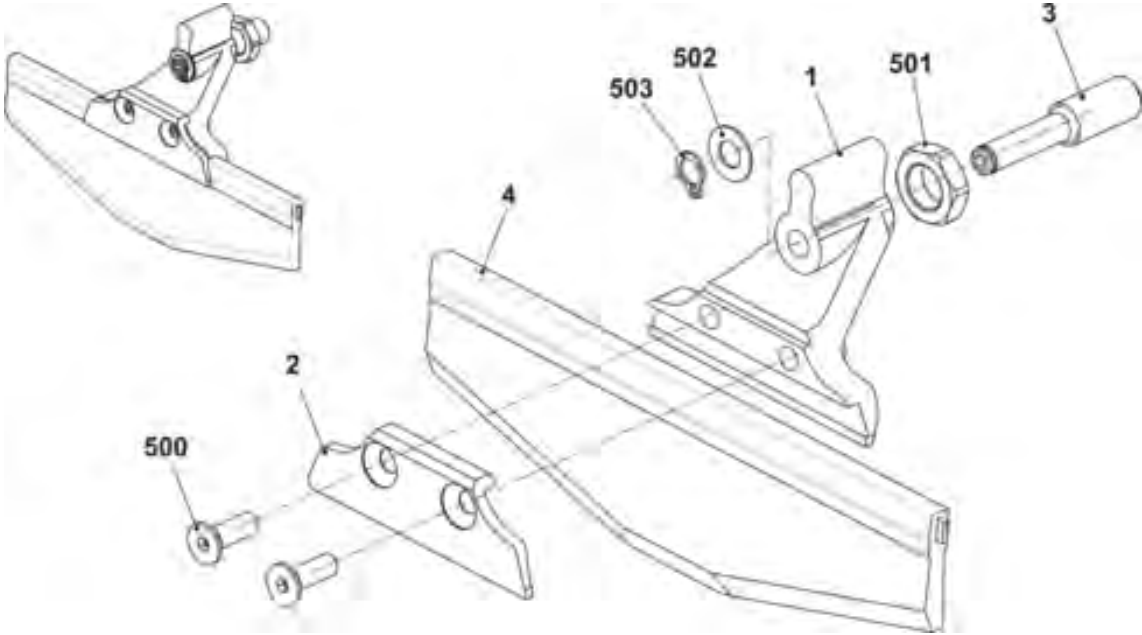
5.15 Needle detector

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle detector complete	226 969				
1	Support	226 773		500	Pan-head screw M4x5	239 549
2	Retainer	226 787		501	Pan-head screw M4x8	023 579
3	Sensor	226 967		503	Setscrew M5x6	022 580
4	Angle	222 882		504	Dowel pin 4x16	020 660
10*	Cable of needle detector complete	224 655		505	Compression spring 4,3x0,45x10	021 398



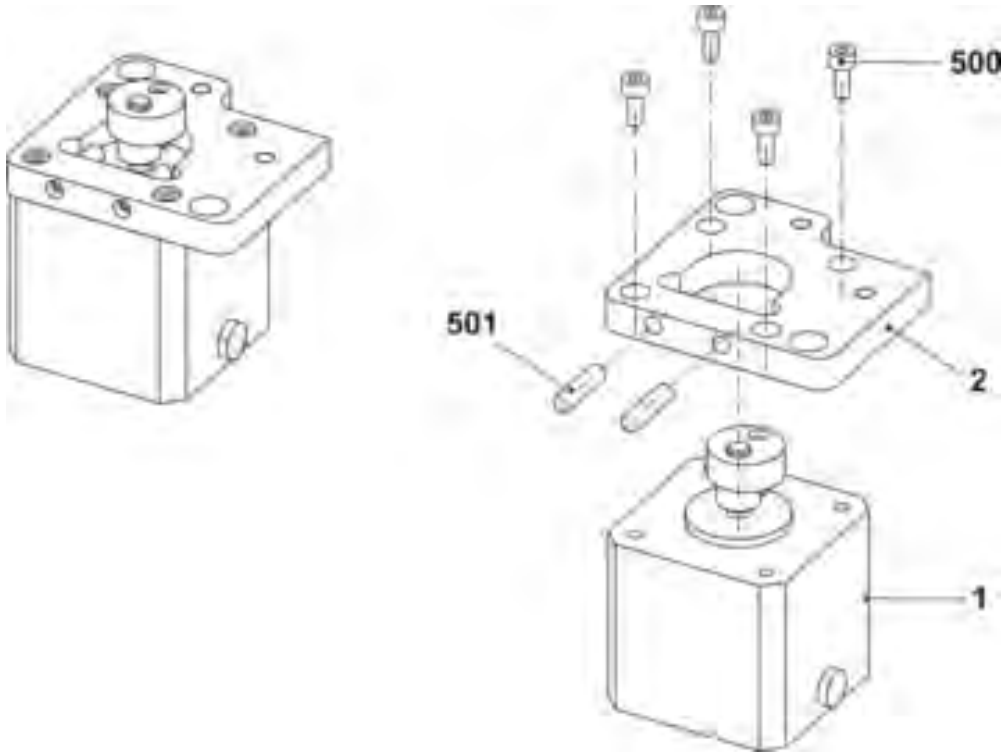
5.16 Brush holder

Pos	Designation	ID		Pos	Designation	ID
Σ	Brush holder complete E6.2 E7.2 E6.2(12) E7.2(14)	220 065				
1	Brush holder	219 423		500	Countersunk head screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8x5	020 856
3	Threaded rod	209 740		502	Shim ring 5x10x0,5	023 348
4	Brush	212 854		503	Locking ring5x0,6	023 347



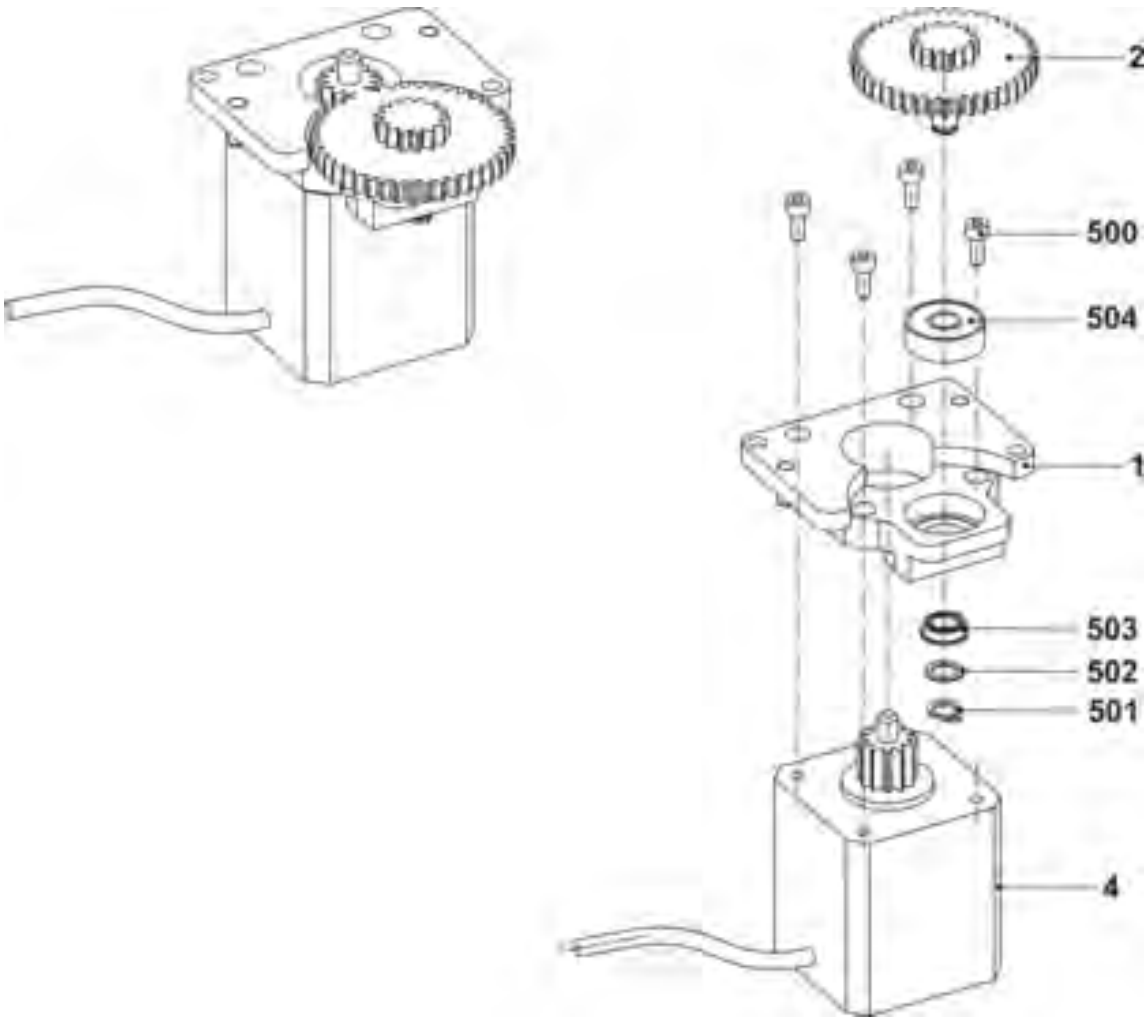
5.17 Control unit brush

Pos	Designation	ID		Pos	Designation	ID
Σ	Control unit brush	224 631				
1	Motor complete	224 628		500	Cap screw M3x8	022 582
2	Motor plate	224 619		501	Setscrew M4x16	023 586



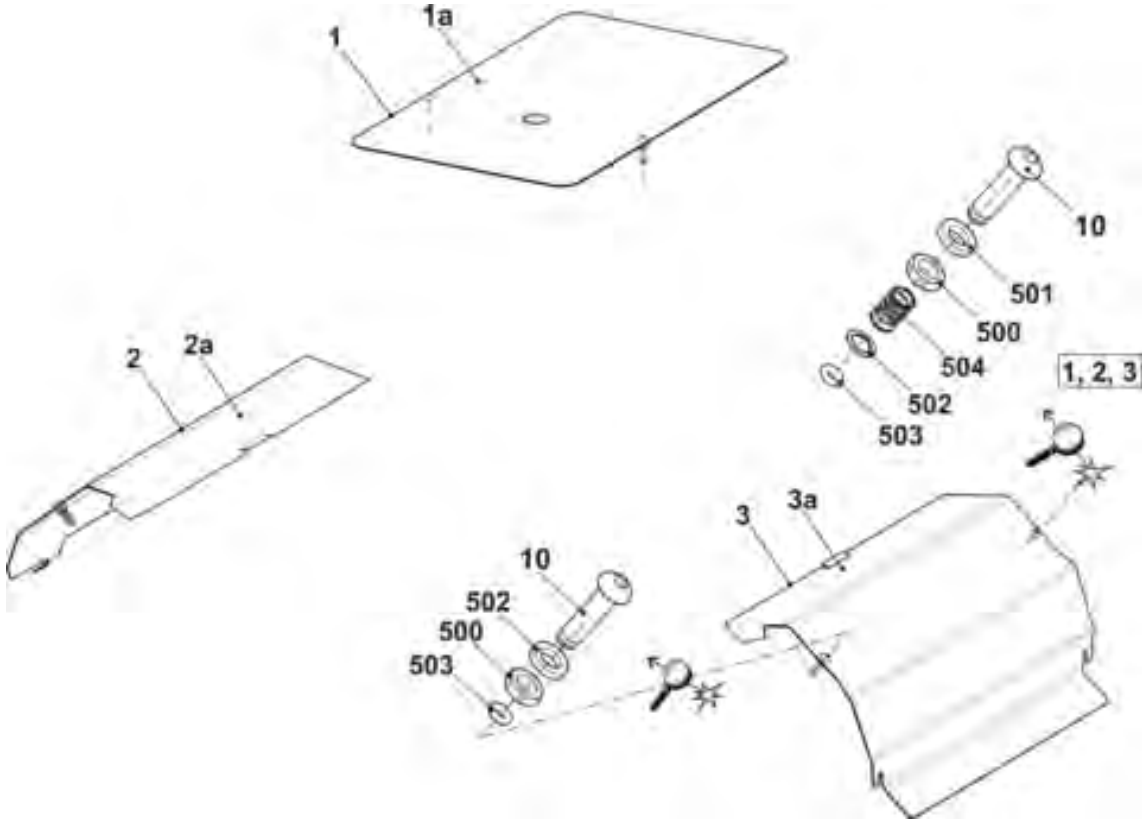
5.18 Control unit holding-down jack

Pos	Designation	ID		Pos	Designation	ID
Σ	Control unit Holding-down jack	223 380				
1	Motor plate on the right	222 837		501	Locking ring 6x0,7	023 298
2	Gear wheels	225 908		502	Disk6,1x9x0,5	023 554
4	Motor pre-assembled	220 071		503	Grooved ball bearing MF106HZZ-6x10x3	023 533
500	Cap screw M3x8	022 582		504	Grooved ball bearing 626-2RS	023 587

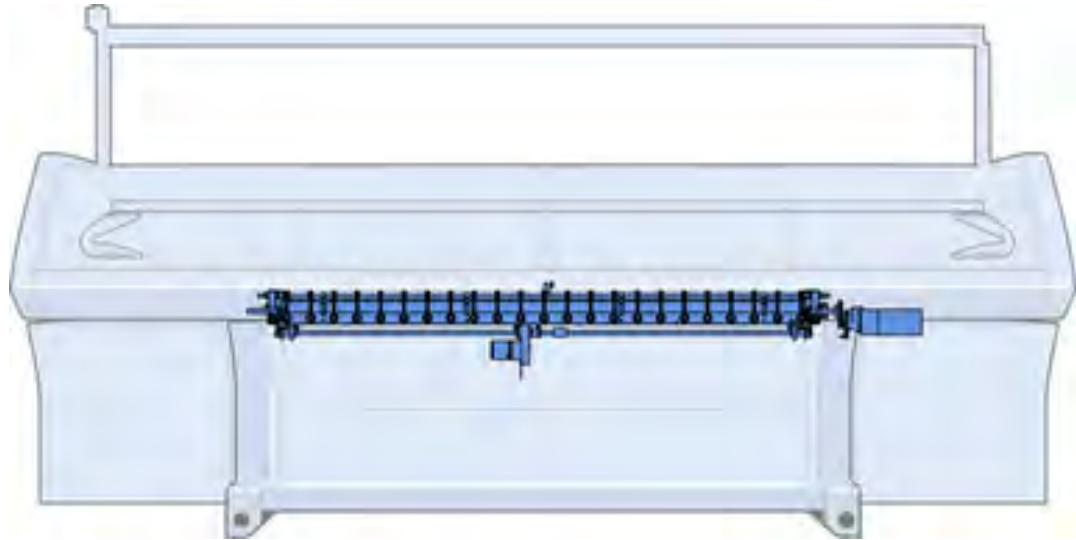


5.19 Carriage cover

Pos	Designation	ID		Pos	Designation	ID
1	Carriage cover at the top 3 cam boxes complete	257 100		10	Locating bolt	242 382
	1a Carriage cover at the top 3 cam boxes 6Z	256 510		500	Hexagon nut M6	257 088
2	Carriage cover at the rear completeX30T	257 165		501	Washer6.1x9x0,5	023 554
	2a Carriage cover at the rearX30T	256 766		502	Serrated lock washer 6,4	022 385
3	Carriage cover at the front completeX30T	257 164		503	O-ring 3x2	242 420
	3a Carriage cover at the front X30T	256 765		504	Compression spring 0,48x7,02x17,29	023 654



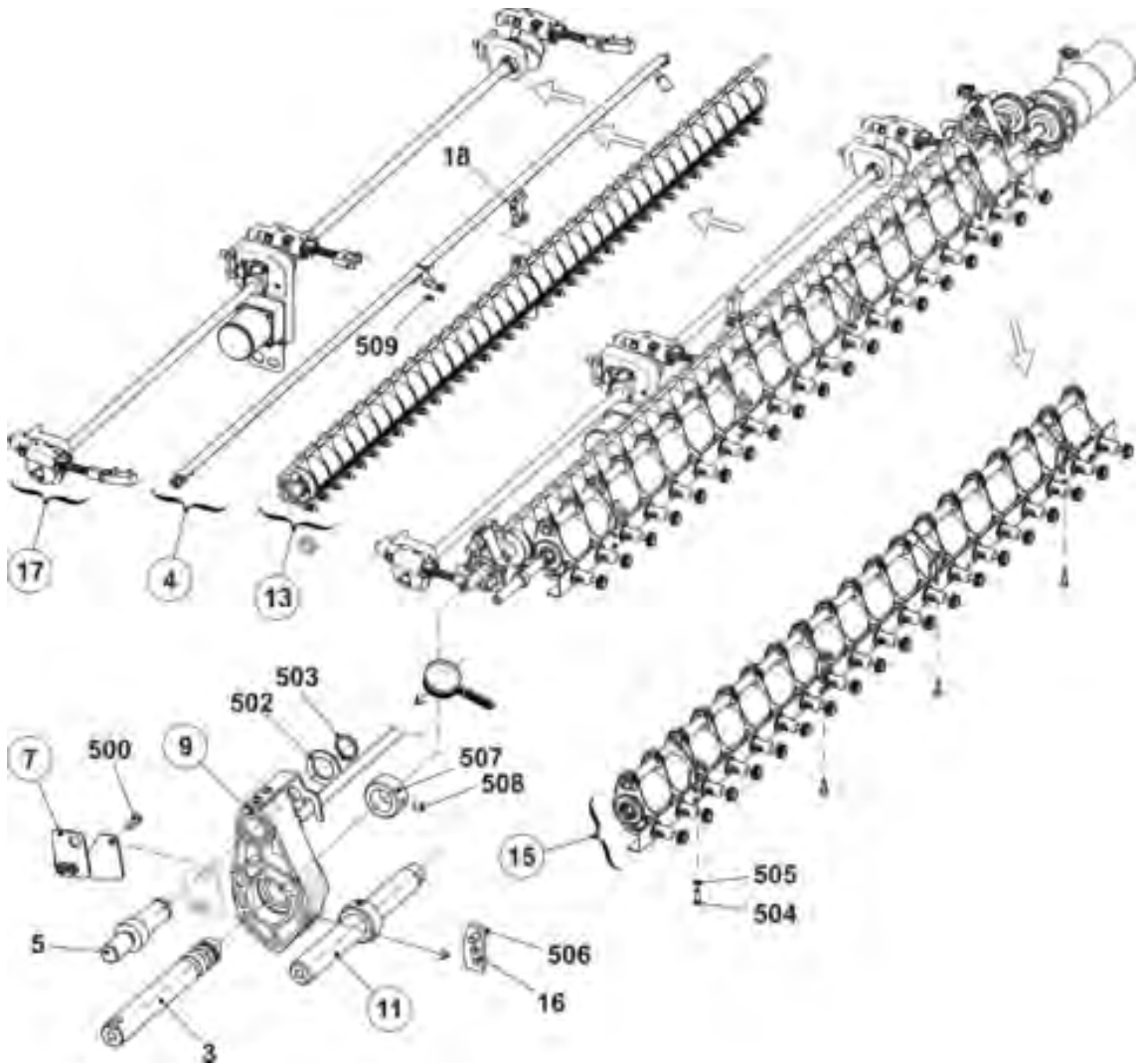
6 Main take-down



6.1 Take-down rollers and left bearing

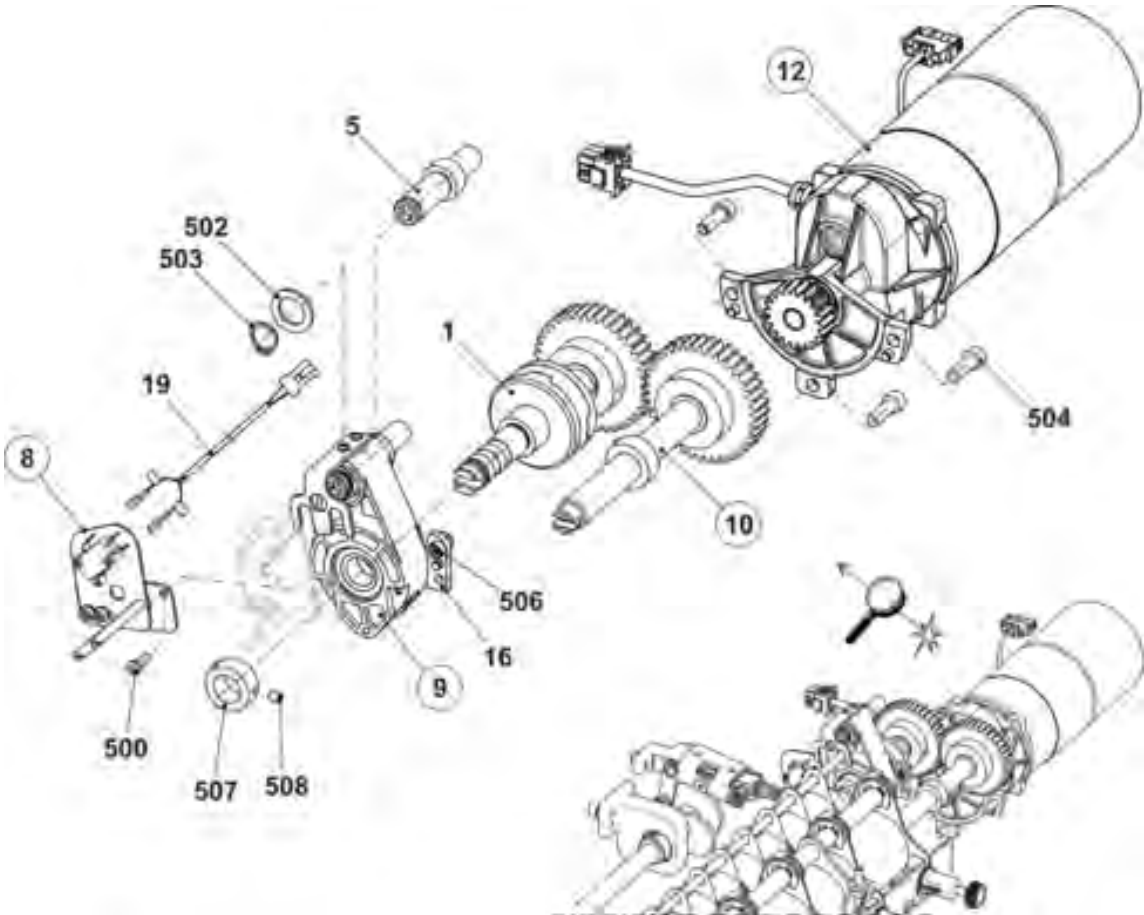
6.1 Take-down rollers and left bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down		17	Main take-down on / off complete 72"	253 935
3	Shaft on the left at the rear	221 012	18	Bearing block in the middle complete	237 357
4	Stripper angle at the rear complete	260 440	500	Screw 50x15	251 728
5	Bolts	208 538	502	Washer18	023 295
7	Mounting plate on the left complete	231 725	503	Locking ring18x1,2	020 955
9	Swivel-mounted bearing	253 247	504	Cap screw M8x25	020 142
11	Full floating axle on the left	235 829	506	Cap screw M6x12	020 134
13	Take-down roller at the rear complete E5 - 14	242 463	507	Set collarA20	020 938
15	Take-down roller at the front complete	253 912	508	Setscrew M6x8	022 684
16	Stop point	252 503	509	Oval flange head screw M4x6	235 450



6.2 Take-down motor and right bearing

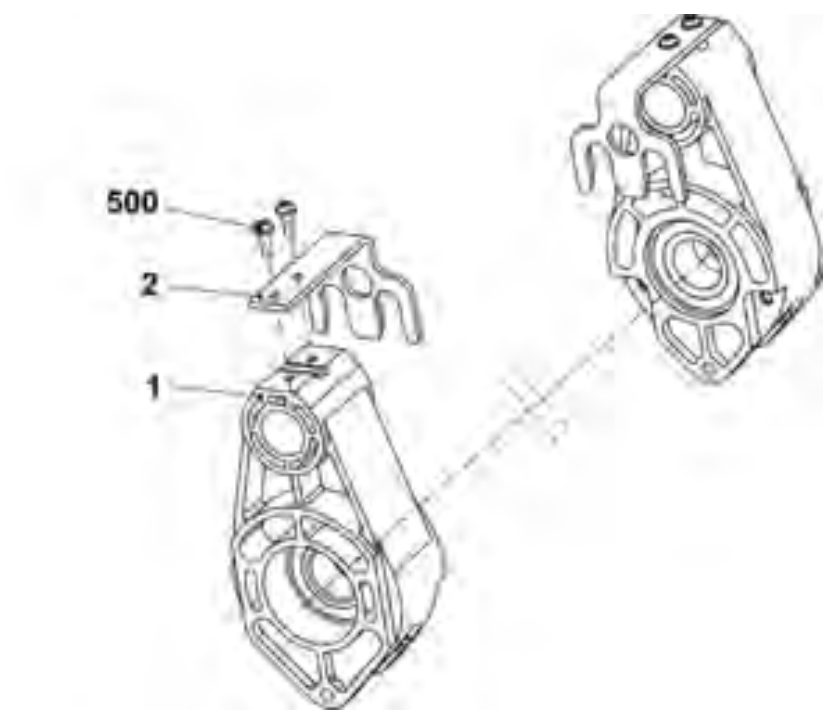
Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down (continuation)			19	Connection cable winding plateOKC	241 703
1	Clutch set	251 677		500	Screw	251 728
5	Bolts	208 538		502	Washer18-200	023 295
8	Mounting plate on the right complete	260 090		503	Locking ring18x1,2	020 955
9	Swivel-mounted bearing	253 247		504	Cap screw M8x25-12.9	020 142
10	Full floating axle on the right	235 830		506	Cap screw M6x12	020 134
12	Motor take-down unit complete	253 803		507	Set collarA20	020 938
16	Stop point	252 503		508	Setscrew M6x8	022 684



6.2 Take-down motor and right bearing

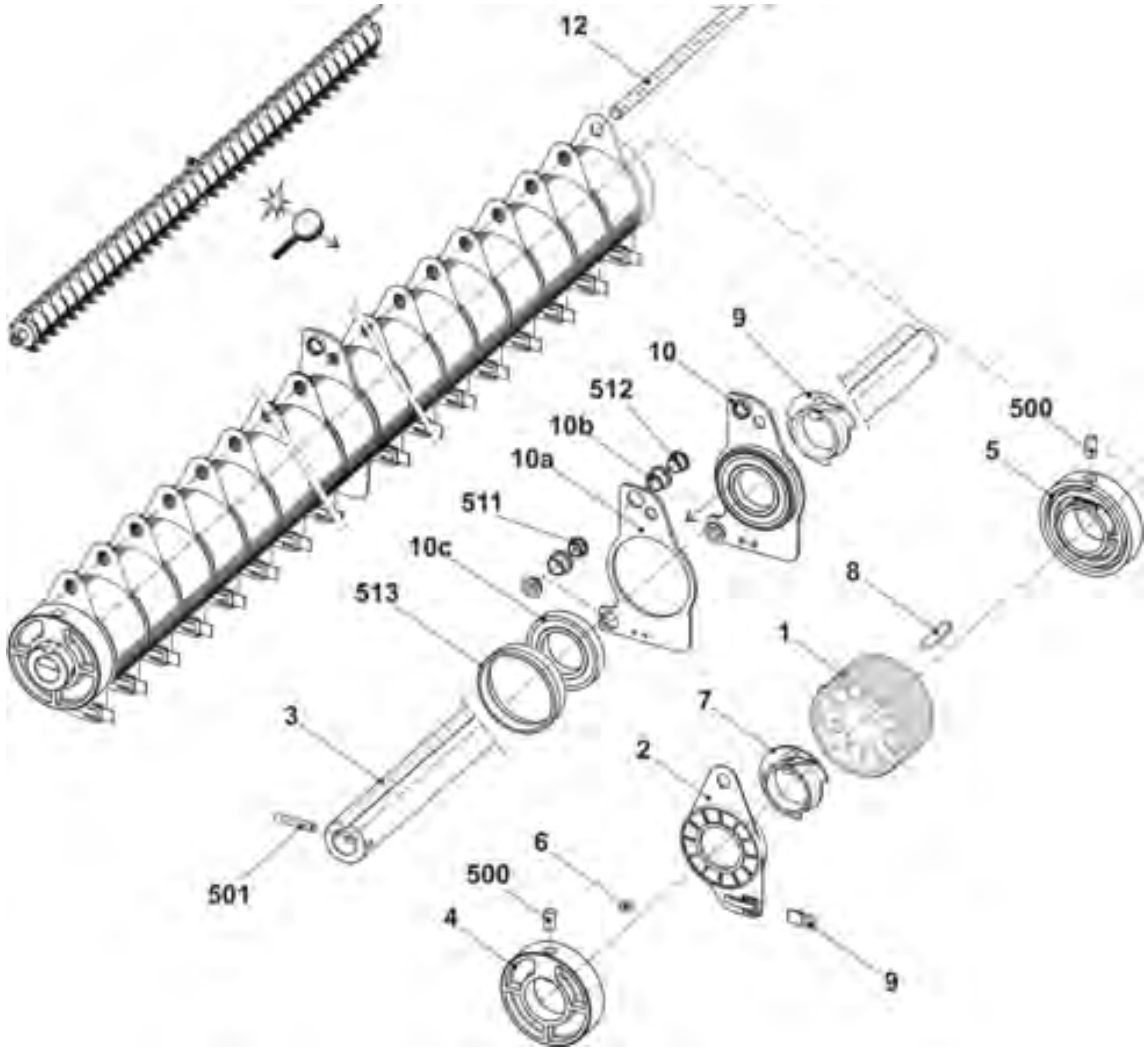
6.2.1 Swivel-mounted bearing

Pos	Designation	Id		Pos	Designation	Id
Σ	Swivel-mounted bearing	253 247		2	Sheet metal support	253 212
1	Swivel-mounted bearing	253 200		500	Screw 35x10	251 729



6.2.2 Rear take-down roller

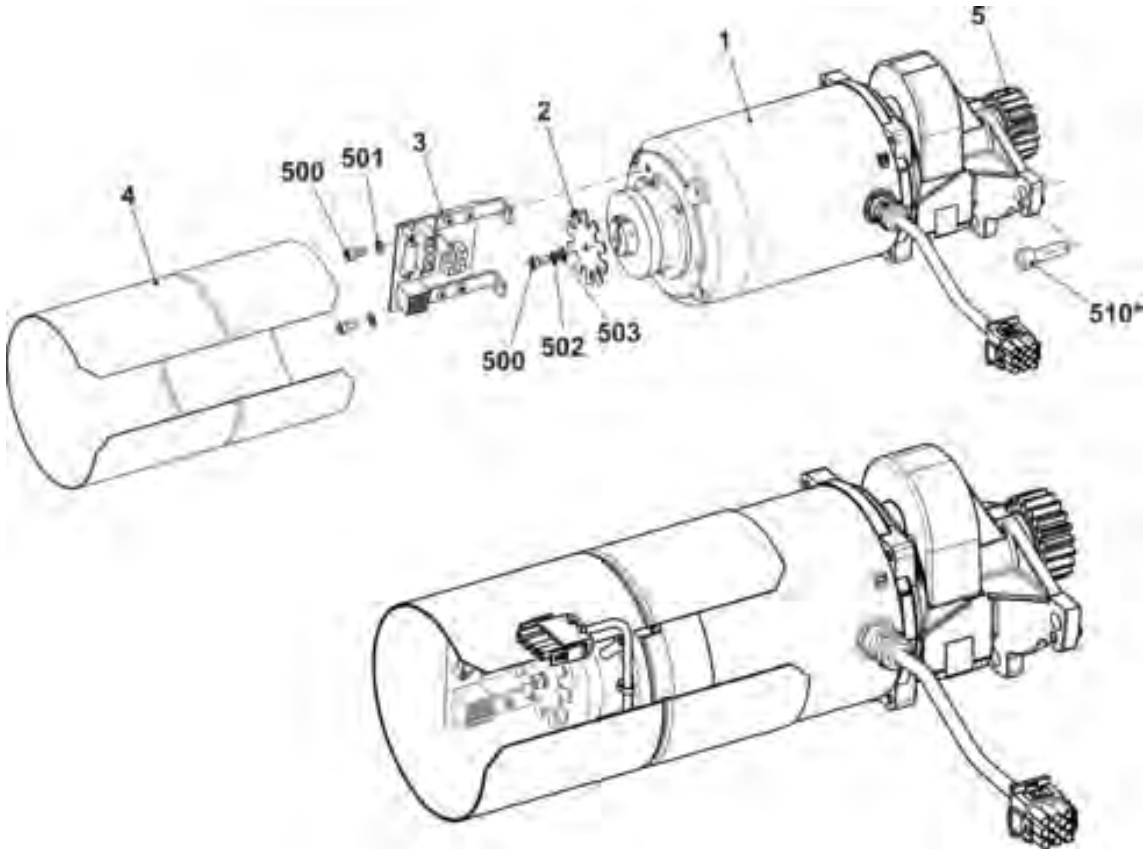
Pos	Designation	ID	Pos	Designation	ID
Σ	Take-down roller at the rear complete E5 – 14	242 463	10	Support	232 578
1	Roller (E5 – 14)	206 770	10a	Supporting plate	232 512
2	Stripper	241 612	10b	Bearing	232 571
3	Wave	222 147	10c	Ring	222 895
4	Ring on the left	255 830	510	Grooved ball bearing 16007	021 697
5	Ring on the right	255 831	511	Slide bearing GFM-101216-06	023 280
6	Spacer slide	222 062	512	Slide bearing GFM-101216-09	023 356
7	Stop ring on the left	204 369	11	Brush	225 819
8	Spacer slide	240 104	12	Rod	219 218
9	Stop ring on the left	222 910	500	Setscrew M8x16	258 910
			501	Dowel pin 6x32	020 685



6.2 Take-down motor and right bearing

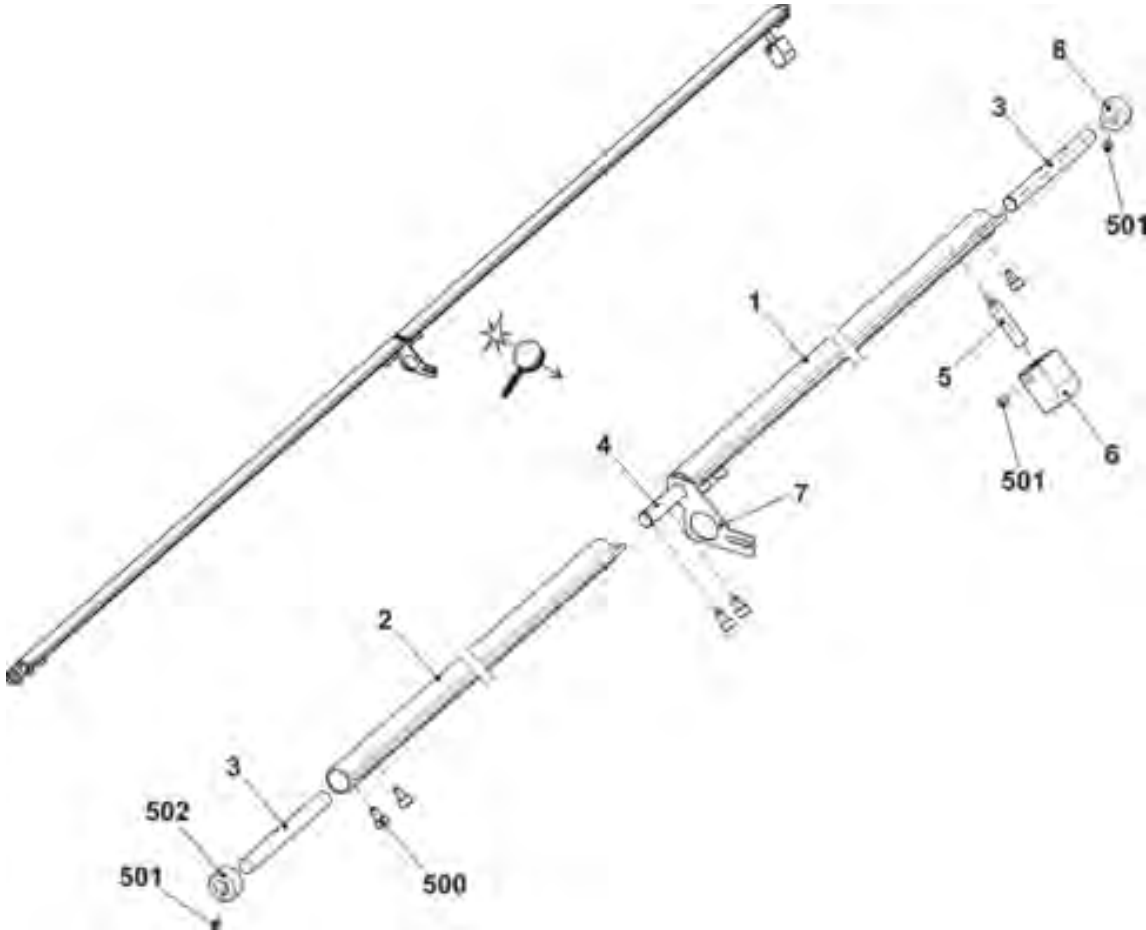
6.2.3 Impulse sensor and motor

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



6.2.4 Stripper angle

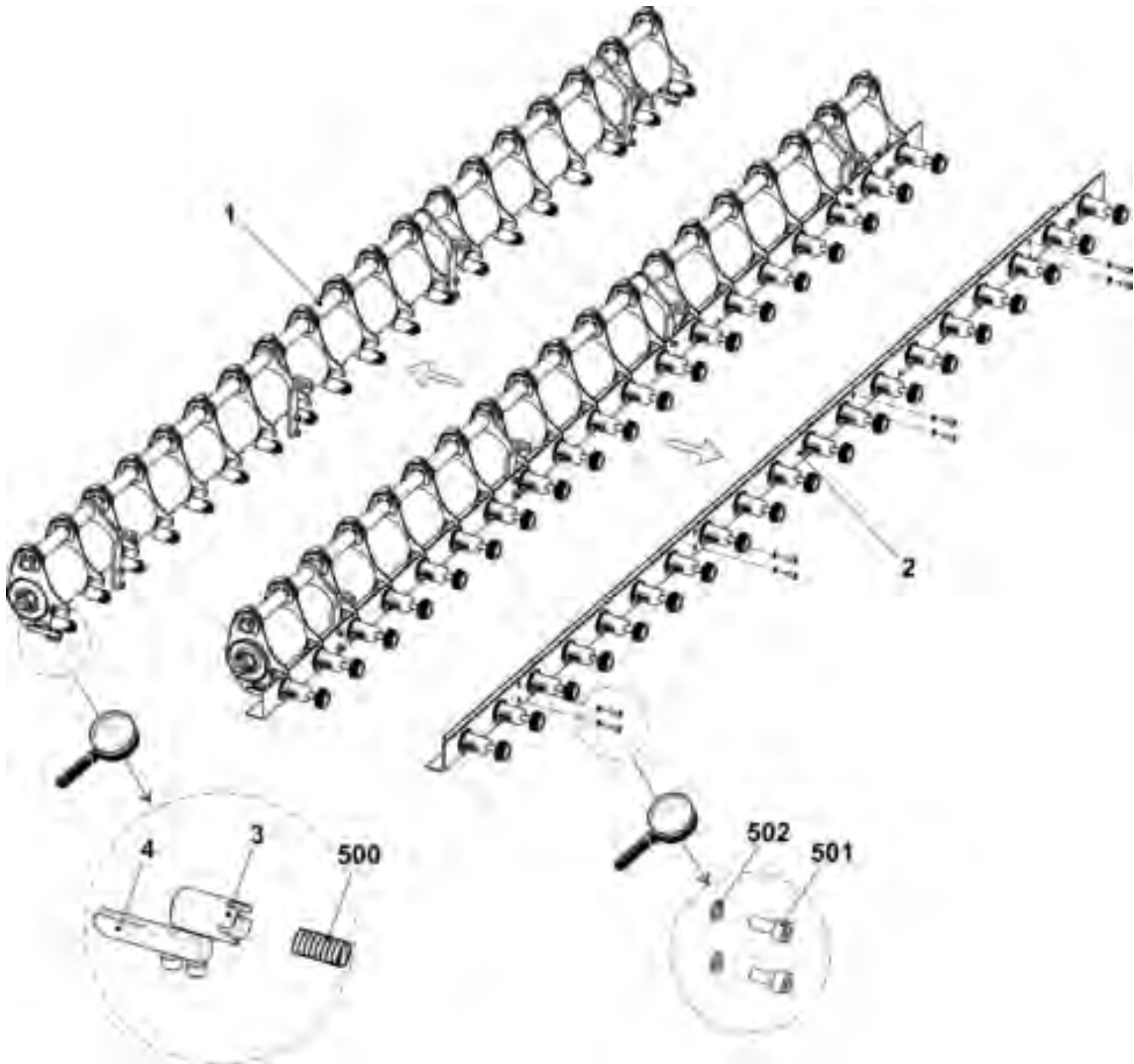
Pos	Designation	ID		Pos	Designation	ID
Σ	Stripper angle at the rear complete	260 440		6	Adjustment weight	260 426
1	Stripper angle on the right	259 978		7	Bracket	260 060
2	Stripper angle on the left	259 979		8	Cam	260 109
3	Axle	259 969		500	Cap screw M5x8	023 319
4	Axle	259 970		501	Setscrew M5x6	022 738
5	Bolts	228 310		502	Set collar	020 934



6.2 Take-down motor and right bearing

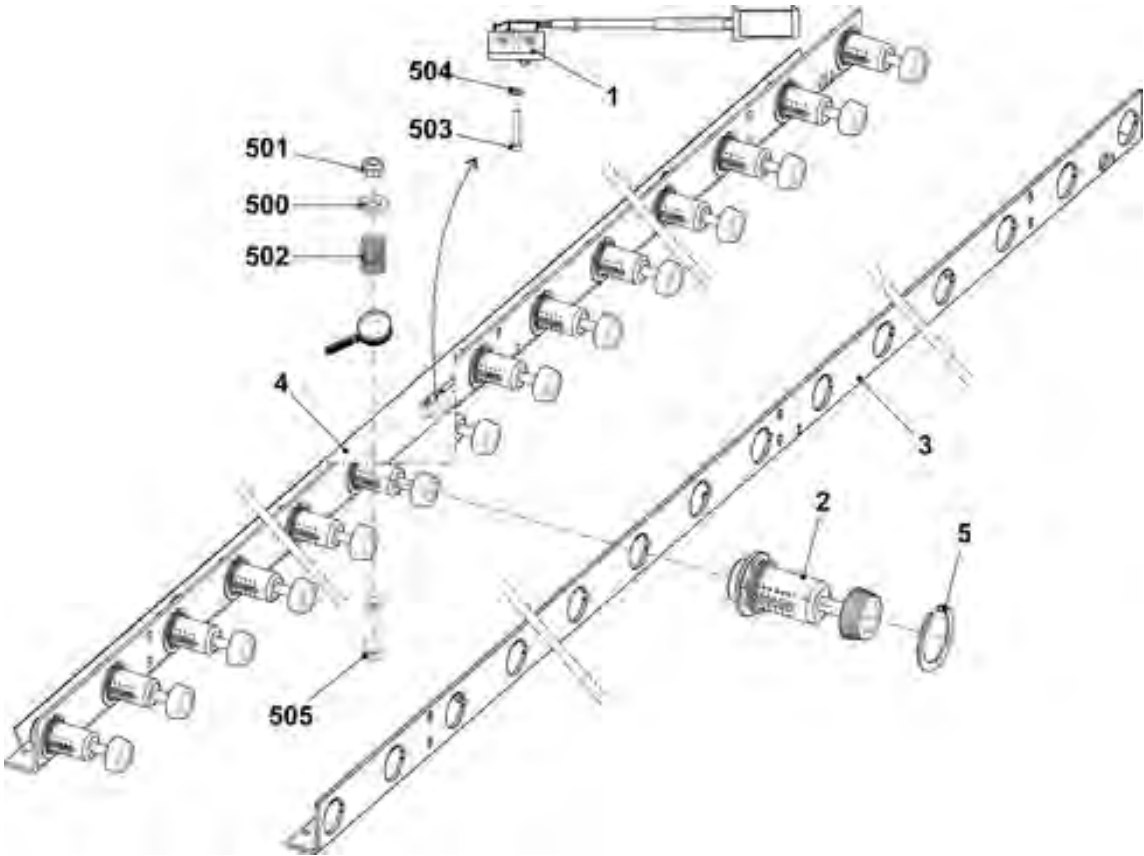
6.2.5 Front take-down roller

Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the front complete	253 912		4	Locating piece	221 935
1	Take-down roller at the front	253 902		500	Compression spring 1x10x30	023 741
2	Angle rail complete	241 828		501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911		502	Washer5-200	020 880



6.2.5.1 Pressure angle rail

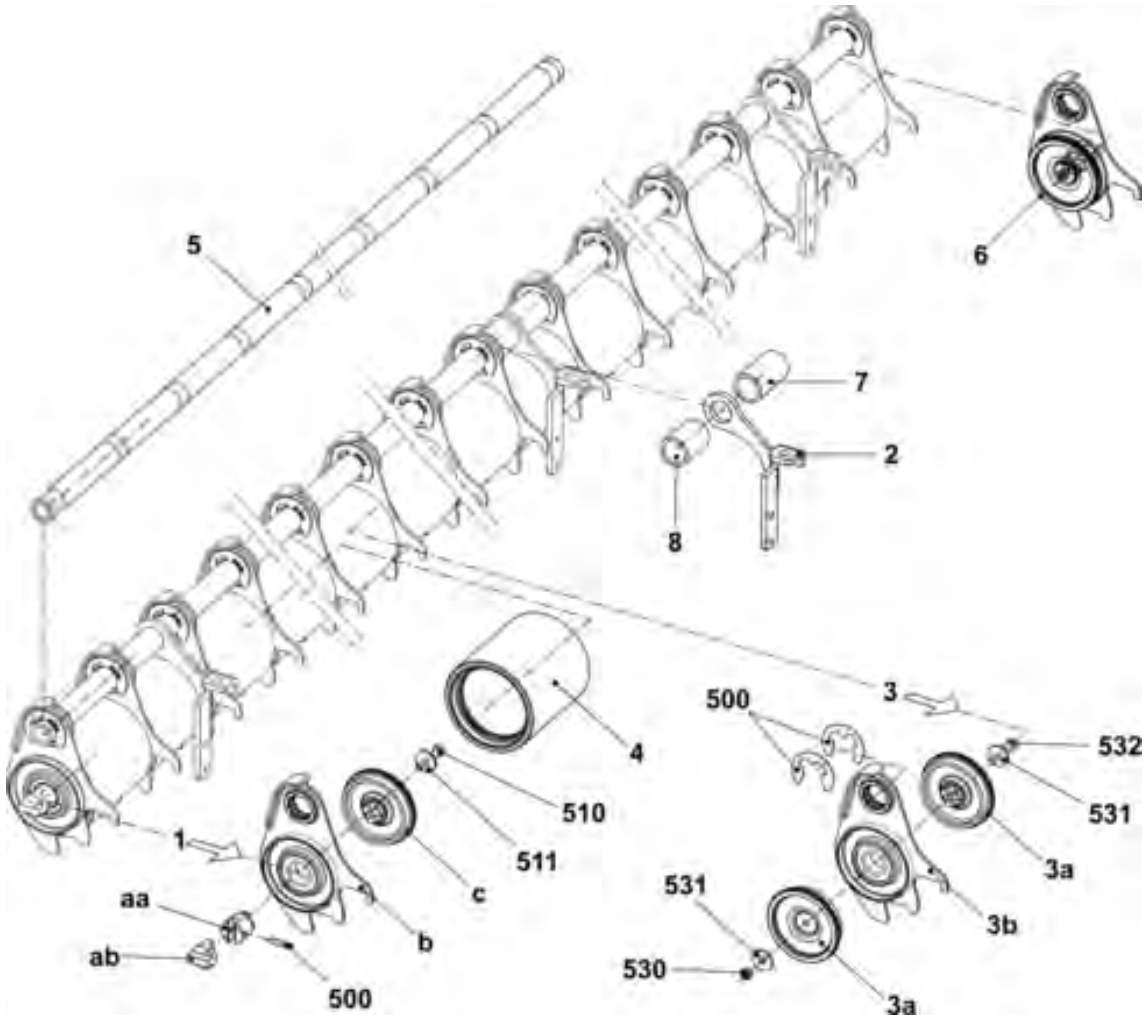
Pos	Designation	Id		Pos	Designation	Id
Σ	Angle rail complete	241 828		500	Washer6	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	241 774		503	Cap screw M2x12	023 522
4	Winding plate	222 105		504	Washer2-200	022 908
5	Locking ring	242 325		505	Shoulder screw M5x20x5	023 675



6.2 Take-down motor and right bearing

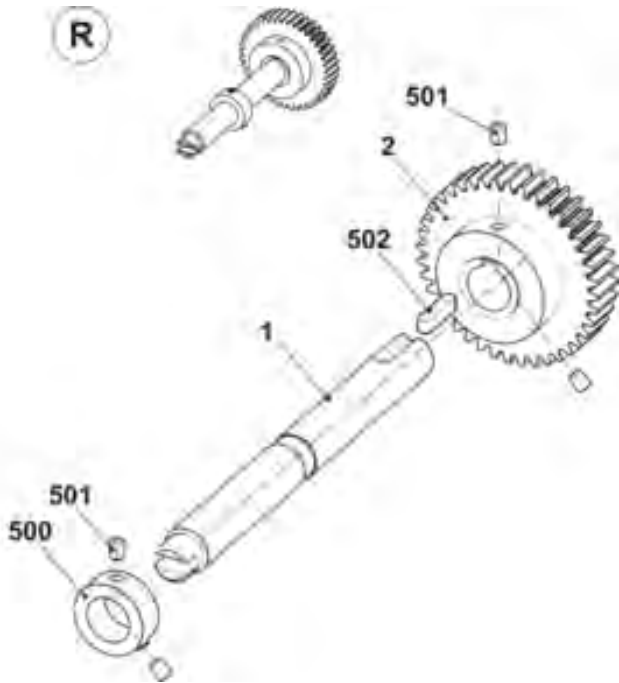
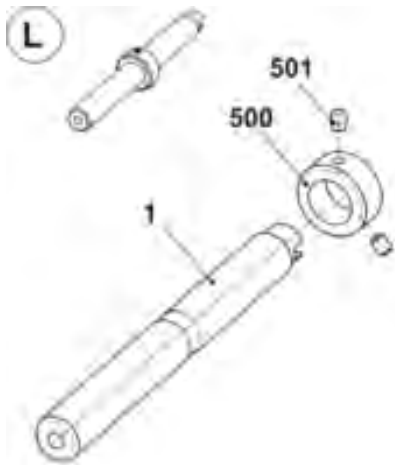
6.2.5.2 Front roller elements

Pos	Designation		Id		Pos	Designation		Id	
Σ	Take-down roller at the front		253 902						
1	Bearing support on the left complete		221 225		3	532	Cap screw M5x30		022 396
	aa	adaptor	221 132		4	Roller			220 905
	ab	Universal joint	221 137		5	Tube			222 151
	b	Bearing support	220 913		6	Bearing support on the right complete			221 240
	c	Gear wheel	220 910			aa	adaptor	221 132	
	510	Cap screw M5x20	020 133			ab	Universal joint	221 137	
	511	Washer5-100hv	023 542			b	Bearing support	220 913	
	500	Spring dowel sleeve 4x20	023 551			c	Gear wheel	220 910	
510						Cap screw M5x20	020 133		
511						Washer5-100hv	023 542		
500	Spring dowel sleeve 4x20	023 551	500			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
	3b	Bearing support	220 913		500	Circlip			021 025
	3a	Gear wheel	220 910						
	530	Hexagon nut M5-8	023 541						
	531	Washer5-100hv	023 542						



6.2.6 Full floating axle

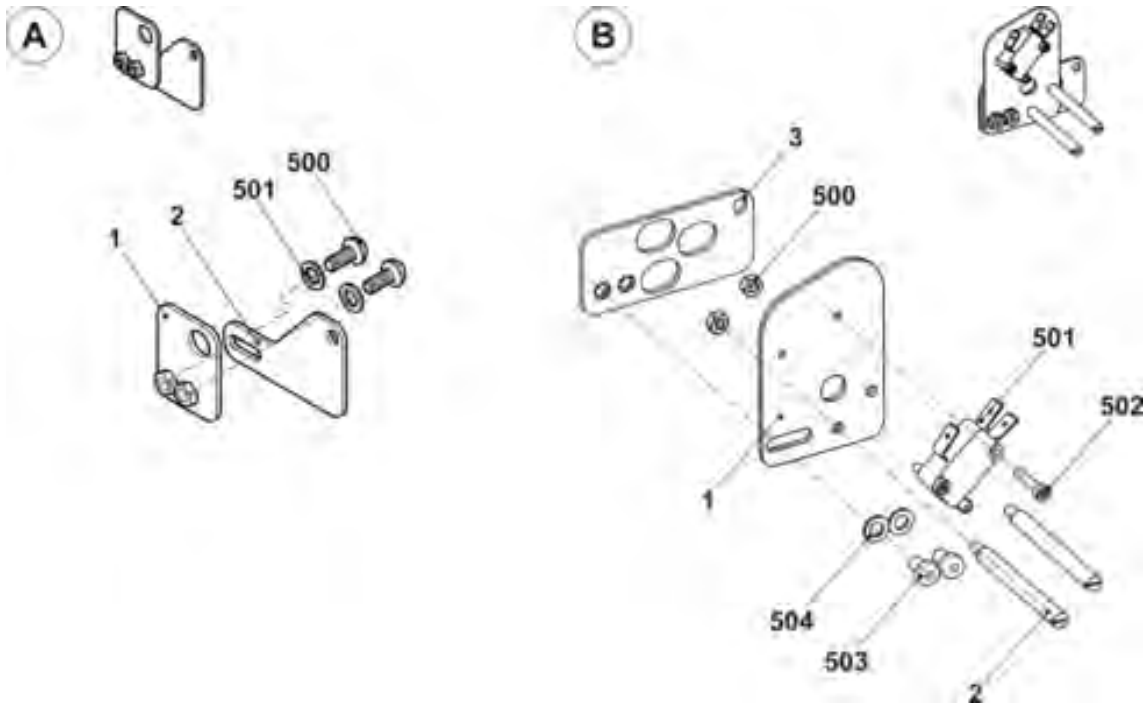
Pos	Designation	Id		Pos	Designation	Id
Σ L	Full floating axle on the left	235 829		Σ R	Full floating axle on the right	235 830
1	Shaft on the left at the front	235 827		1	Shaft on the right in front	235 826
500	Set collar	020 938		2	Gear wheel Z=40, M=2	213 744
501	Setscrew M6x8	022 684		500	Set collar	020 938
				501	Setscrew M6x8	022 684
				502	Feather key A 6x6x25	023 017



6.2 Take-down motor and right bearing

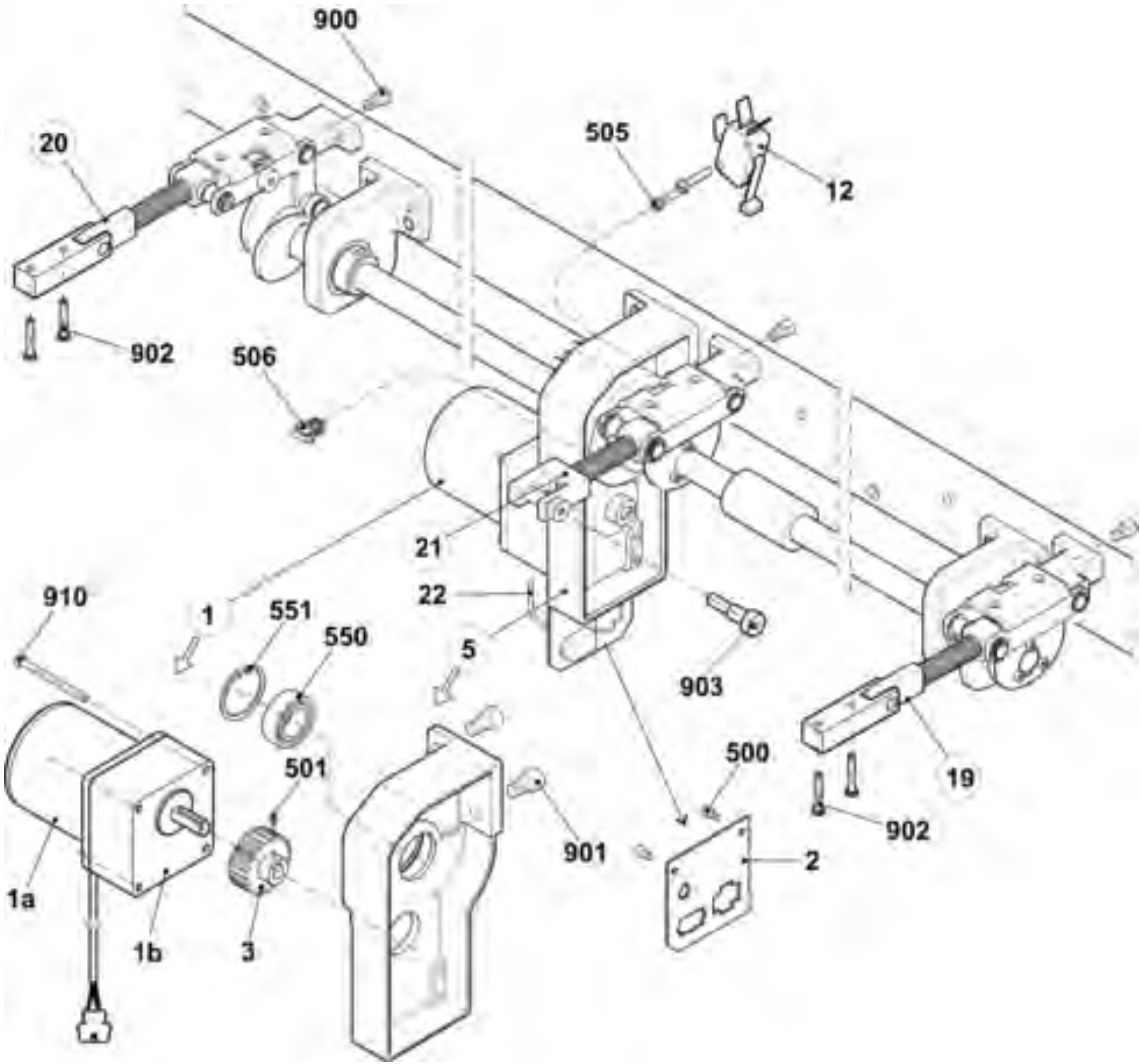
6.2.7 Mounting plate

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



6.3 Take-down closing device

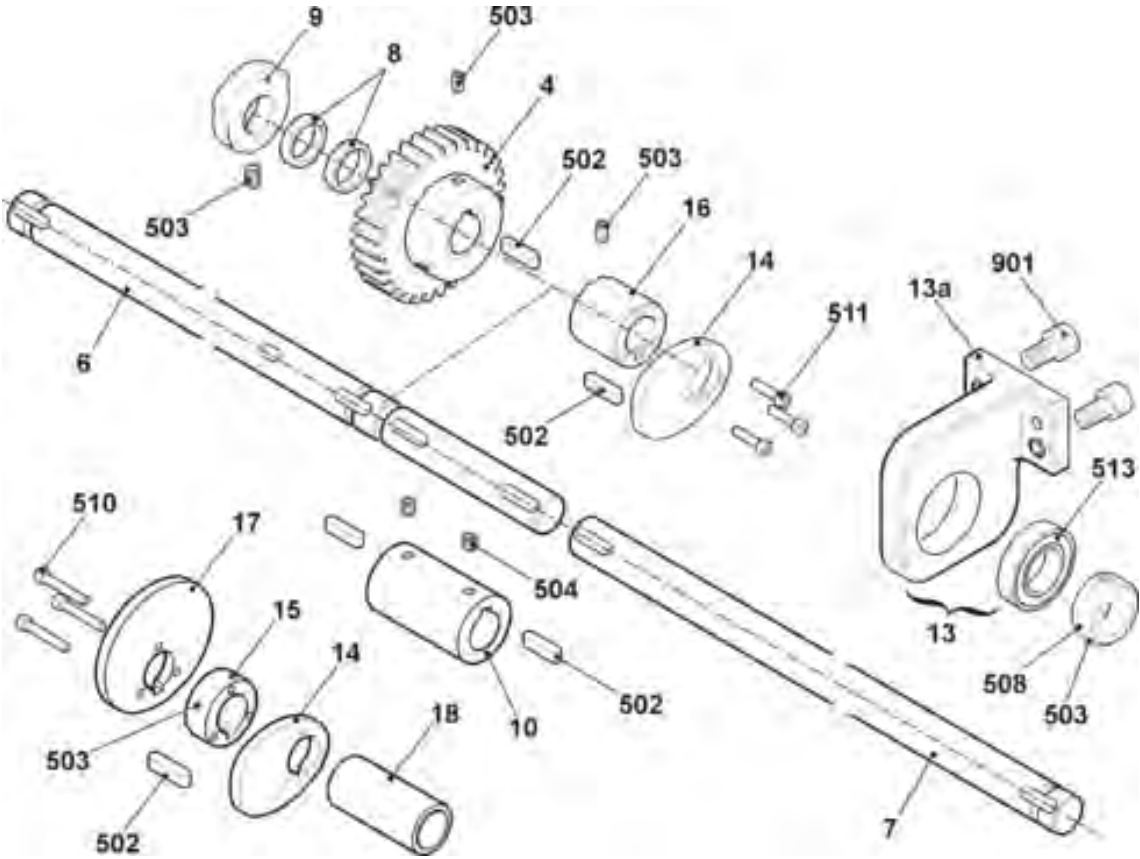
Pos	Designation		Id		Pos	Designation		Id
Σ	Main take-down on / off complete		253 935					
1	Motor complete		235 246		20	Swivel holder on the left complete		253 388
	1a	Motor 25W	232 456		21	Swivel holder in the middle complete		239 188
	1b	Gear unit	234 983		22	Cable switch HAAB open		232 442
	910	Cap 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		235 247		506	Assembling element		209 543
	550	Grooved ball bearing 6004-2Z	022 720		900	Cap screw M6x14		022 658
	551	Locking ring42x1,75	023 293		901	Cap screw M10x16		023 895
12	Microswitch XGK2-S21 250 VAC		210 510		902	Screw 50x30		253 257
19	Swivel support on the right complete		253 389		903	Cap screw 10x25		023 751



6.3 Take-down closing device

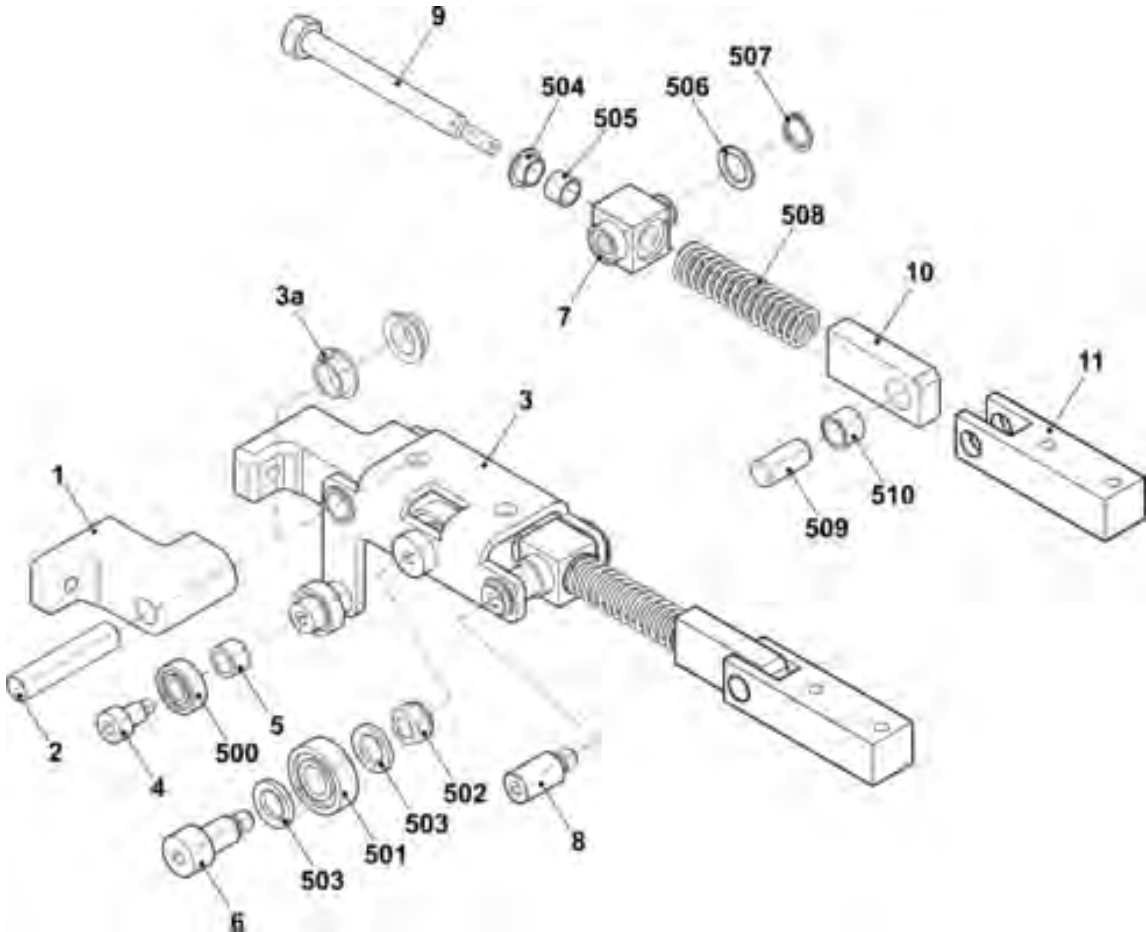
6.3.1 Closer shaft

Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down on / off complete	253 935		16	Guide bush	235 623
4	Gear wheel	213 744		17	Eccentric	232 382
6	Wave	235 618		18	Spacer pipe	235 128
7	Wave	235 619		502	Feather key A 6x6x25	023 017
8	Threaded spacer	232 385		503	Setscrew M6x8	023 723
9	Trip cam	232 383		504	Setscrew M6x5	023 192
10	Coupling	232 604		508	Set collarA20	020 938
13	Support on the outside complete	235 248		510	Cap screw M4x25	023 302
13a	Support	234 780		511	Cap screw M4x14	023 604
14	Eccentric	235 135		513	Grooved ball bearing 6004-2Z	022 720
15	Guide bush	234 876		901	Cap screw M10x16	023 895



6.3.2 Right swivel support

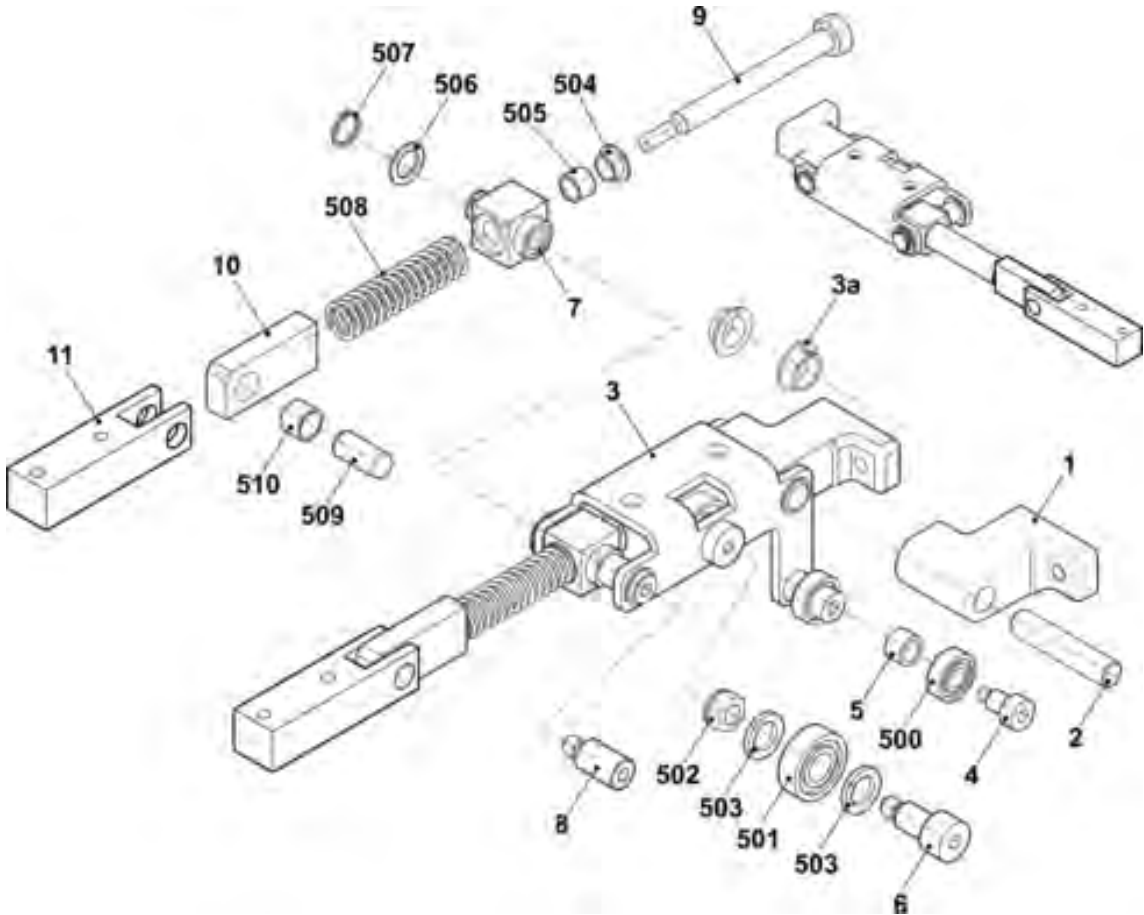
Pos	Designation	Id		Pos	Designation	Id
Σ	Swivel support on the right complete	253 389		11	Lever	253 199
1	Support	239 163		500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164		501	Grooved ball bearing 6000-2Z	022 599
3	Bow	238 974		502	Hexagon nut M8-8	022 843
	3a	Clip bearing 11-MCM-12-04	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	Locking 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



6.3 Take-down closing device

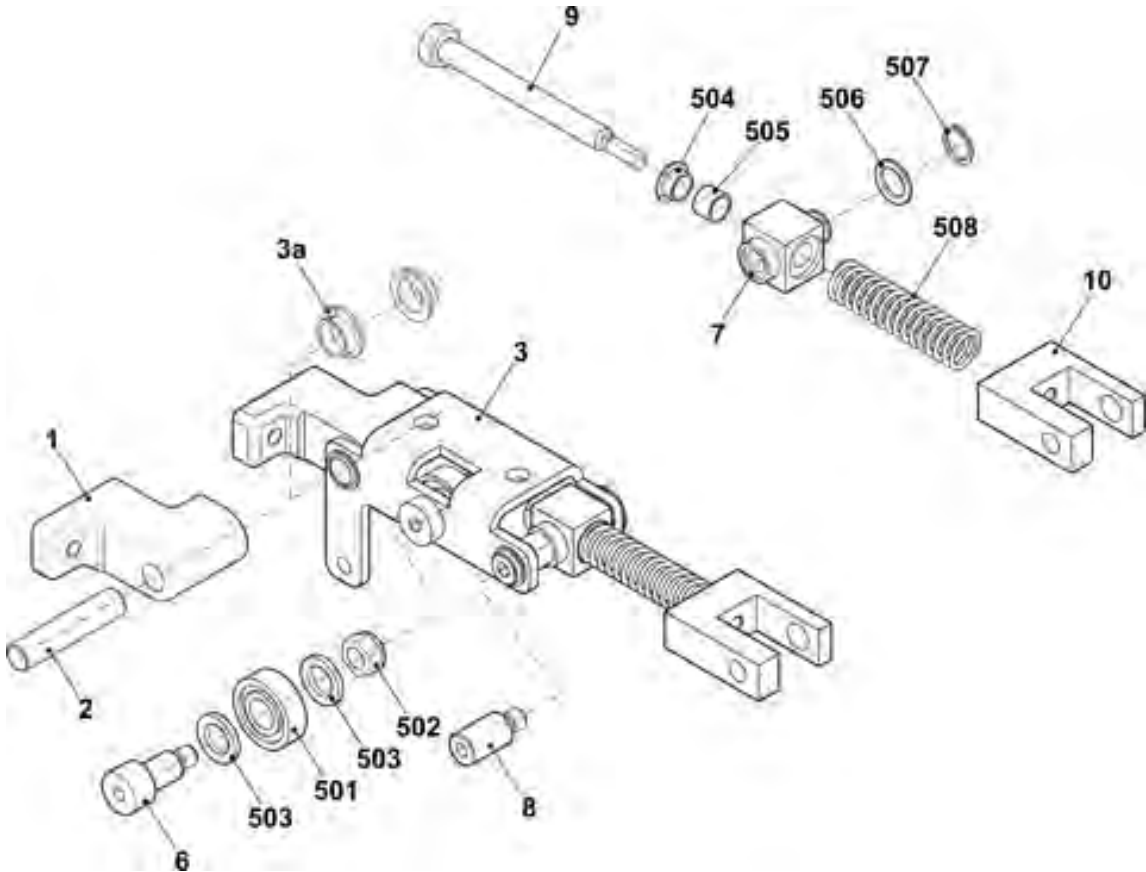
6.3.3 Left swivel holder

Pos	Designation	Id	Pos	Designation	Id
Σ	Swivel holder on the left complete	253 388	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	Locking 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



6.3.4 Swivel holder in the middle

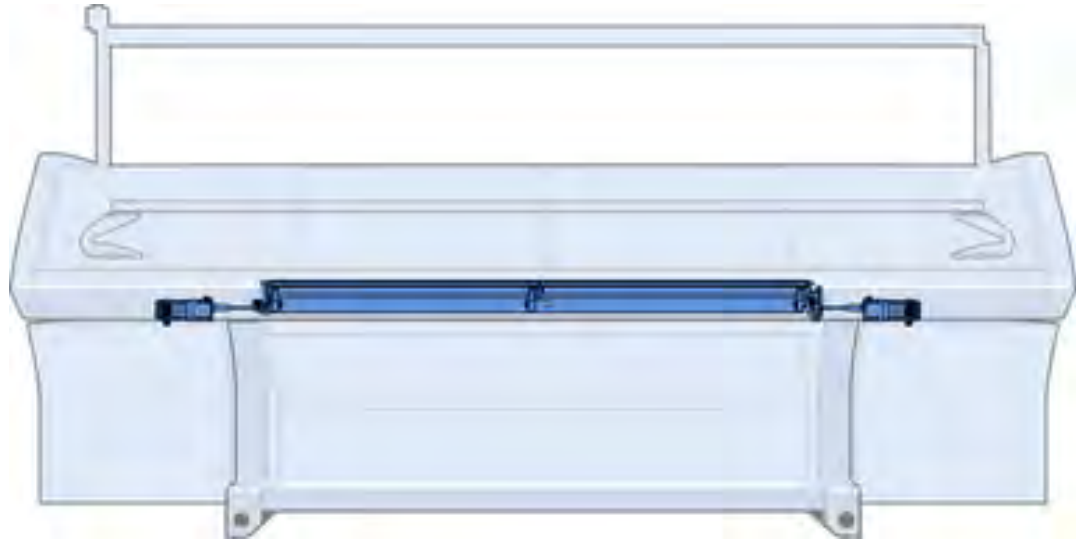
Pos	Designation	Id		Pos	Designation	Id
Σ	Swivel holder in the middle complete	239 188		10	Angle	238 778
1	Support	239 163		501	Grooved ball bearing 6000-2Z	022 599
2	Bearing pin	239 164		502	Hexagon nut M8-8	022 843
3	Bow	238 974		503	Shim ring 10x16x2	023 600
	3a	Clip bearing 11-MCM-12-04	023 639	504	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	Locking ring 12x1	020 951
9	Spring mandrel on the inside	232 388		508	Compression spring 2,5x12,5x67,5	023 743



6.3 Take-down closing device

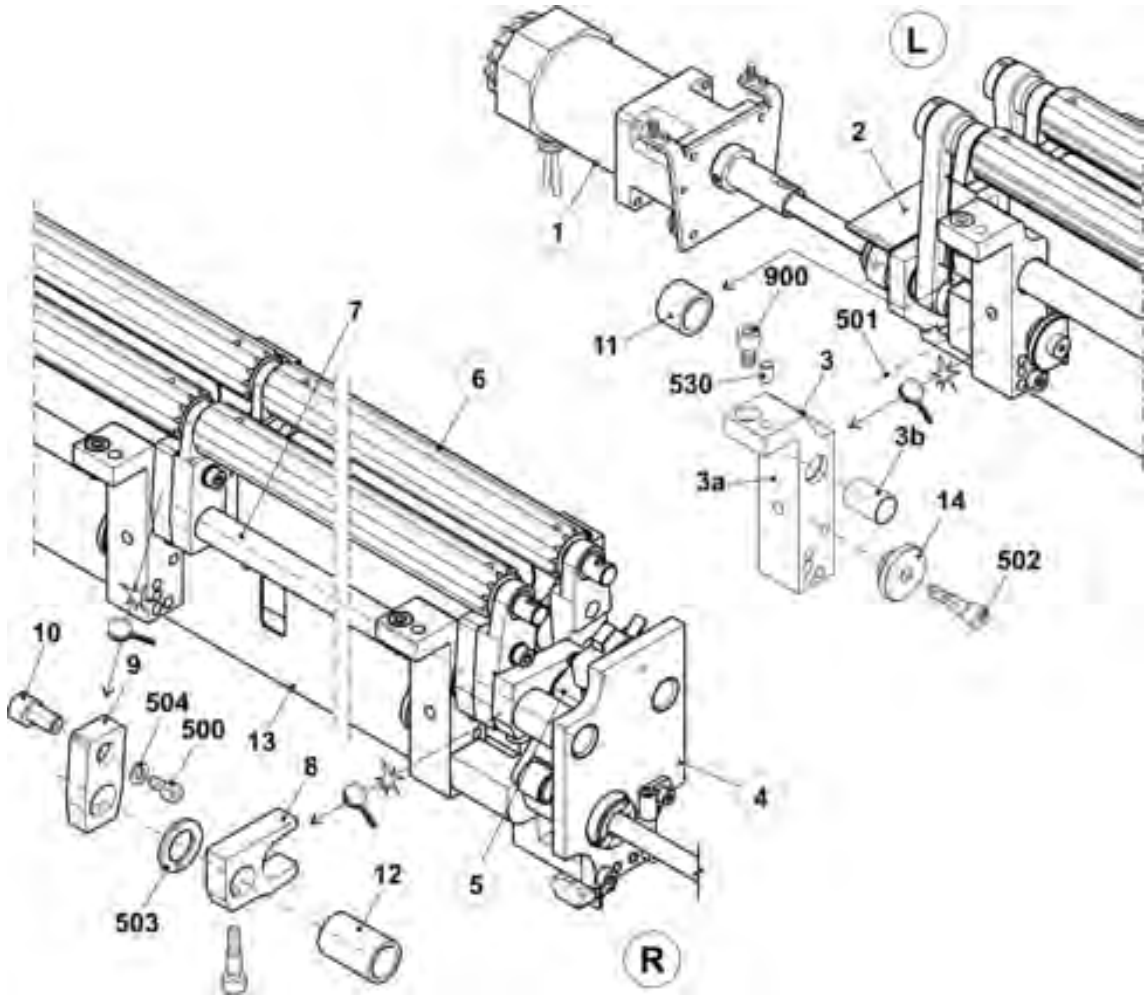
Notes:

7 Auxiliary take-down



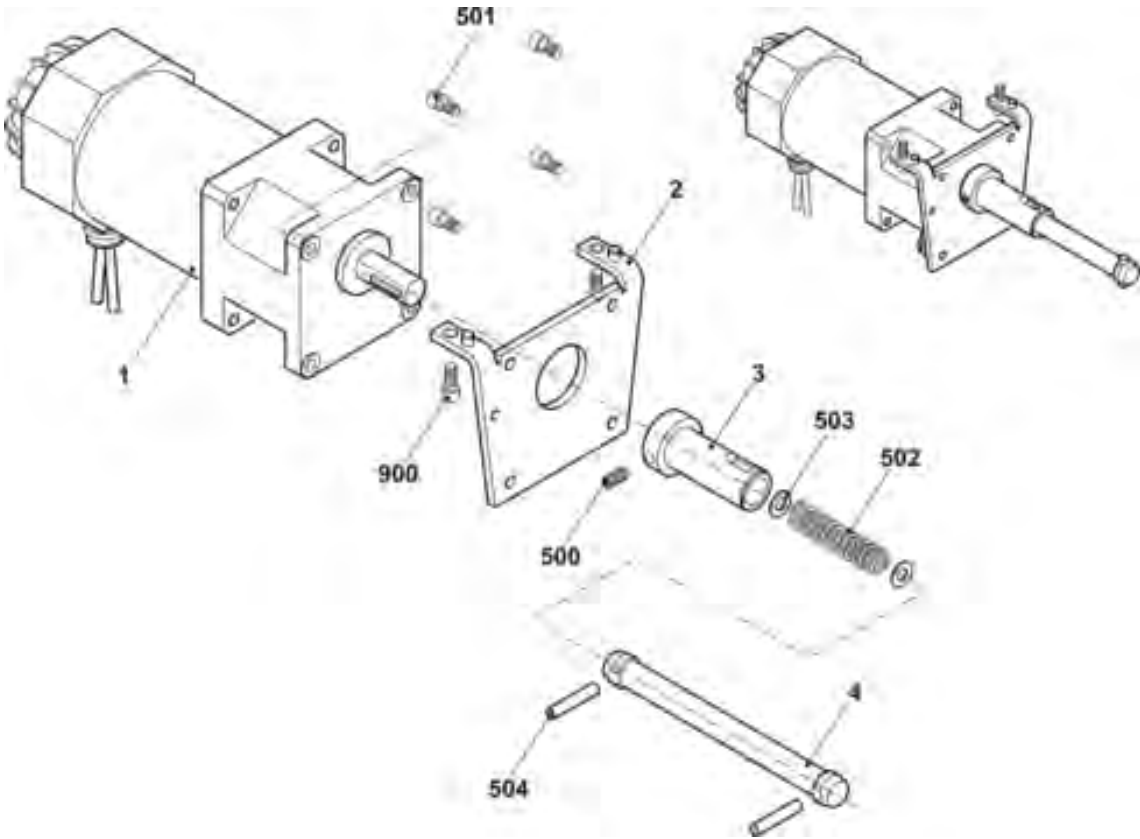
7.1 Auxiliary Take-down Values

Pos	Designation		ID		Pos	Designation	ID
Σ	Auxiliary take-down complete		235 093		9	Clamping lever	235 156
1	Motor auxiliary take-down complete		235 602		10	Eccentric	236 952
2	Bearing on the left		236 894		11	Spacer pipe	235 189
3	Support complete		235 354		12	Spacer pipe	235 192
	3a	Support	235 150		13	Cover plate	235 596
	3b	Slide bearing FSM-1517-20	237 060		14	Roll	235 178
	530	Dowel pin 6M6x10	023 268		500	Cap screw M5x10	022 918
4	Bearing on the right		235 353		501	Pan-head screw M4x8	023 579
5	Contact lever complete		235 356		502	Cap screw 6x10-12.9	235 448
6	Take-down roller complete		235 601		503	Stop disk GTM-1524-015	235 447
7	Contact shaft		235 595		504	Disk5	020 871
8	Lever		235 164		900	Cap screw M6x12	020 134



7.1.1 Motor

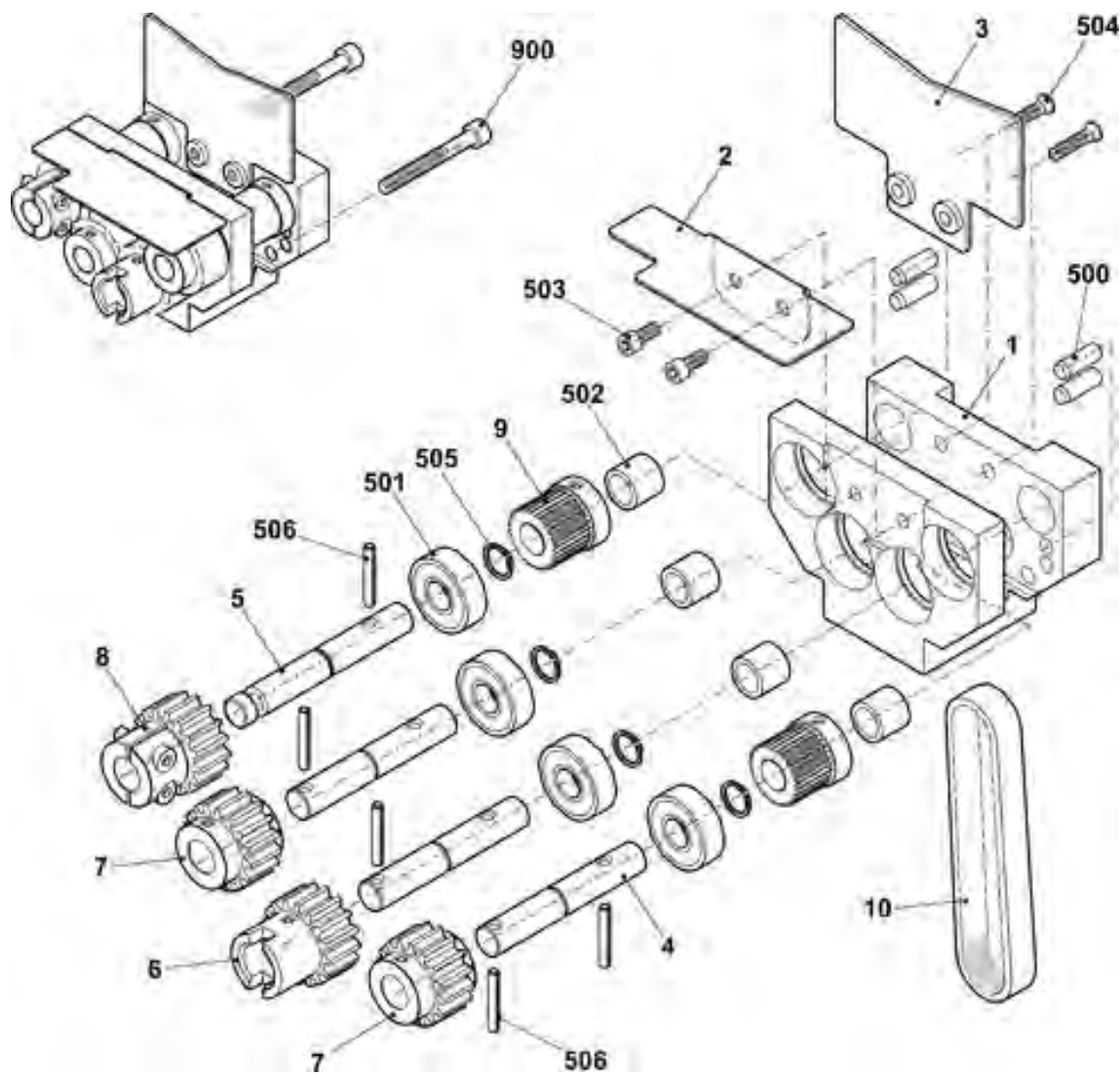
Pos	Designation	ID		Pos	Designation	ID
Σ	Motor with 2 phases auxiliary take-down complete	235 602				
1	Motor 1,8NM 30MIN-1	234 805		501	Cap screw M6x16	020 135
2	Motor bracket	235 276		502	Compression spring 0,63x10,97x40	023 500
3	Drive sleeve	235 285		503	Shim ring 6x12x1	023 444
4	Wave	235 300		504	Dowel pin 5x22-A-ST	023 716
500	Setscrew M6x10	023 543		900	Cap screw M6x12	020 134



7.1 Auxiliary Take-down Values

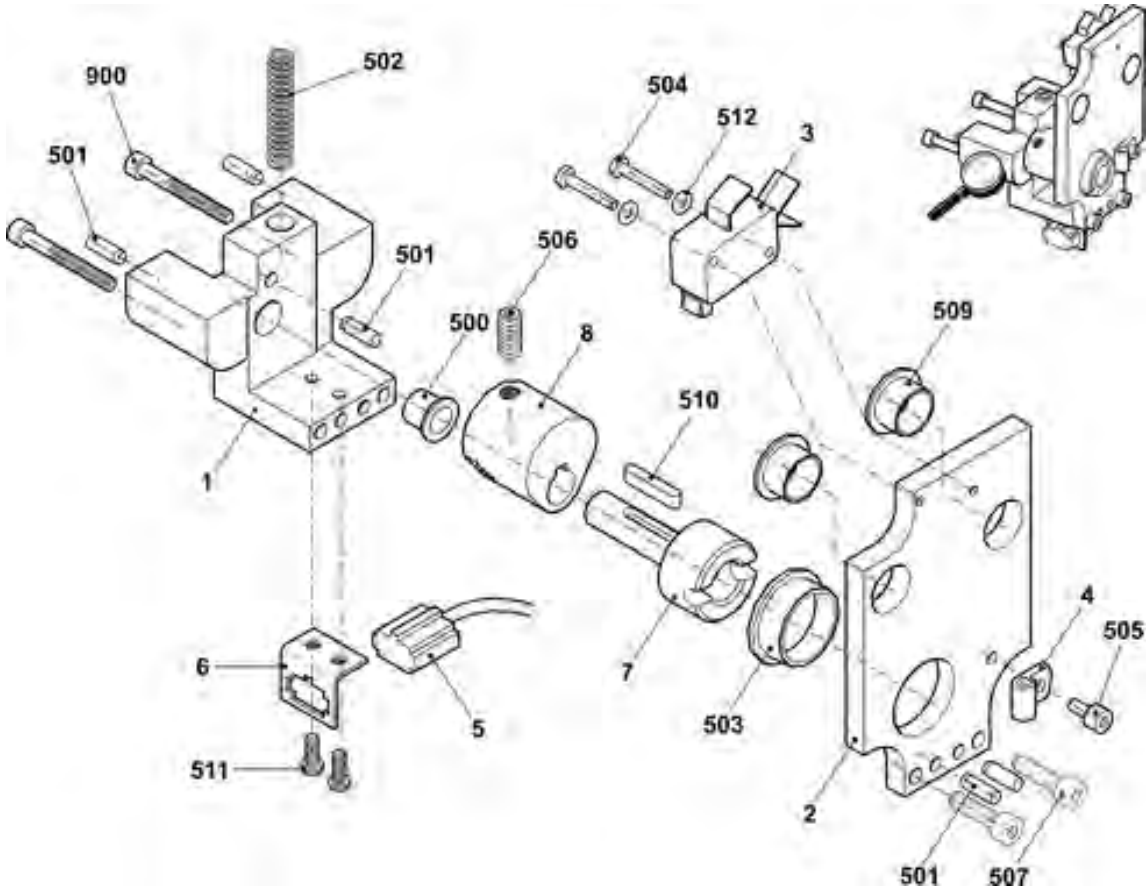
7.1.2 Left bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the left	236 894			
1	Drive bearing	237 422	9	Timing belt pulley	237 043
	500 Dowel pin 5x12	021 988	10	Toothed beltHPS5M NG CLEAN	237 118
2	Cover plate	236 970	501	Grooved ball bearing 61900-2RS1	023 714
3	Cover plate	237 037	502	Needle roller bearing 10x14x10	023 664
4	Bolts	236 964	503	Cap screw M4x8	022 501
5	Bolts	236 963	504	Countersunk screw M4x12	023 062
6	Gear wheel	236 914	505	Locking ring10x1	020 950
7	Gear wheel	236 916	506	Spring dowel sleeve 3x18	237 059
8	Gear wheel	236 917	900	Cap screw M5x35	022 879



7.1.3 Right bearing of the auxiliary take-down

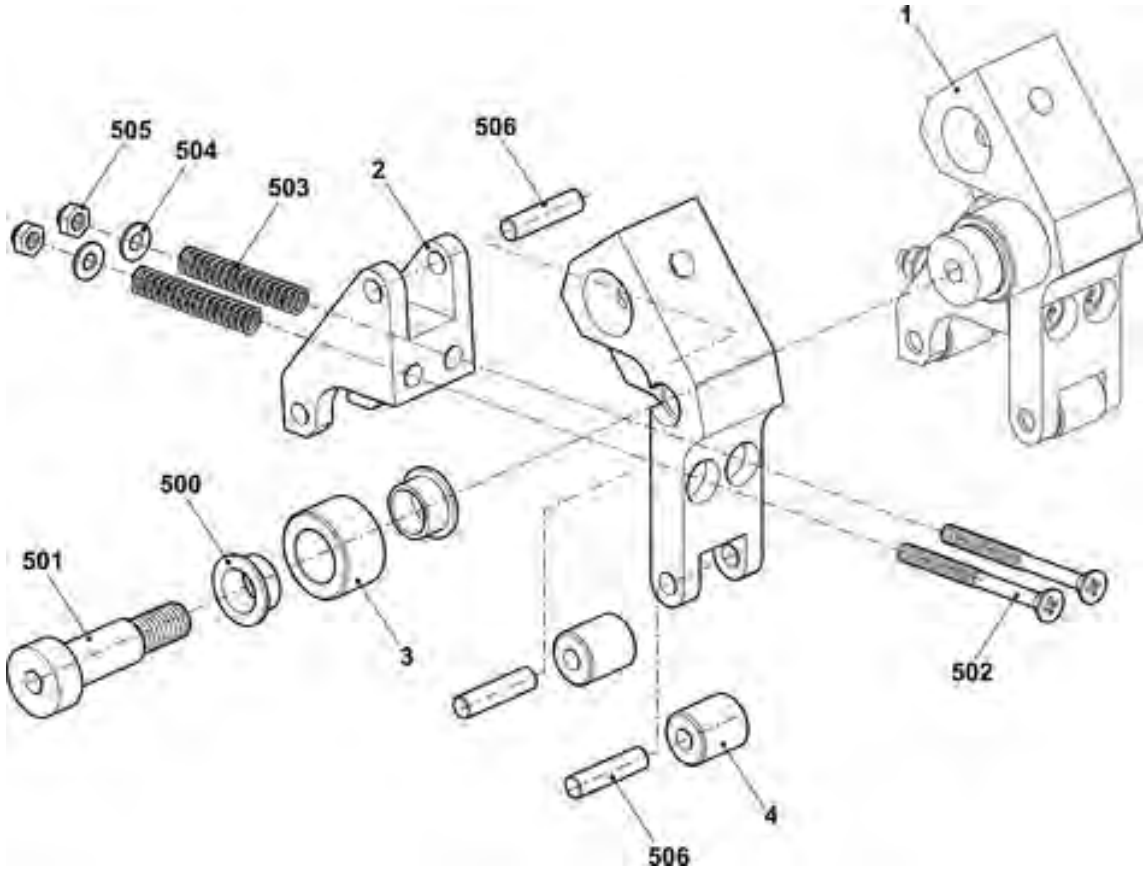
Pos	Designation	Id		Pos	Designation	Id
Σ	Bearing on the right	235 353		502	Compression spring 1,6x6,4x27,1	023 288
1	Bearing on the right	237 520		503	Slide bearing GFM-2427-07	023 712
	501 Dowel pin 5x12	021 988		504	Hexagon screw M3x16	237 058
2	Plate	235 168		505	Cap screw M4x8	022 501
3	Microswitch	026 259		506	Setscrew M6x12	023 724
4	Cable clip N-3B 5mm	210 729		507	Cap screw M5x16	022 726
5	Cable switch HIAB St468	235 027		509	Slide bearing GFM-1517-09	235 342
6	Sheet metal for plug	236 068		510	Feather key A 4x4x20	235 349
7	Wave	235 159		511	Pan-head screw M4x8	023 579
8	Eccentric	235 165		512	Washer3	020 877
500	Slide bearing GFM-101216-09	023 356		900	Cap screw M5x35	022 879



7.1 Auxiliary Take-down Values

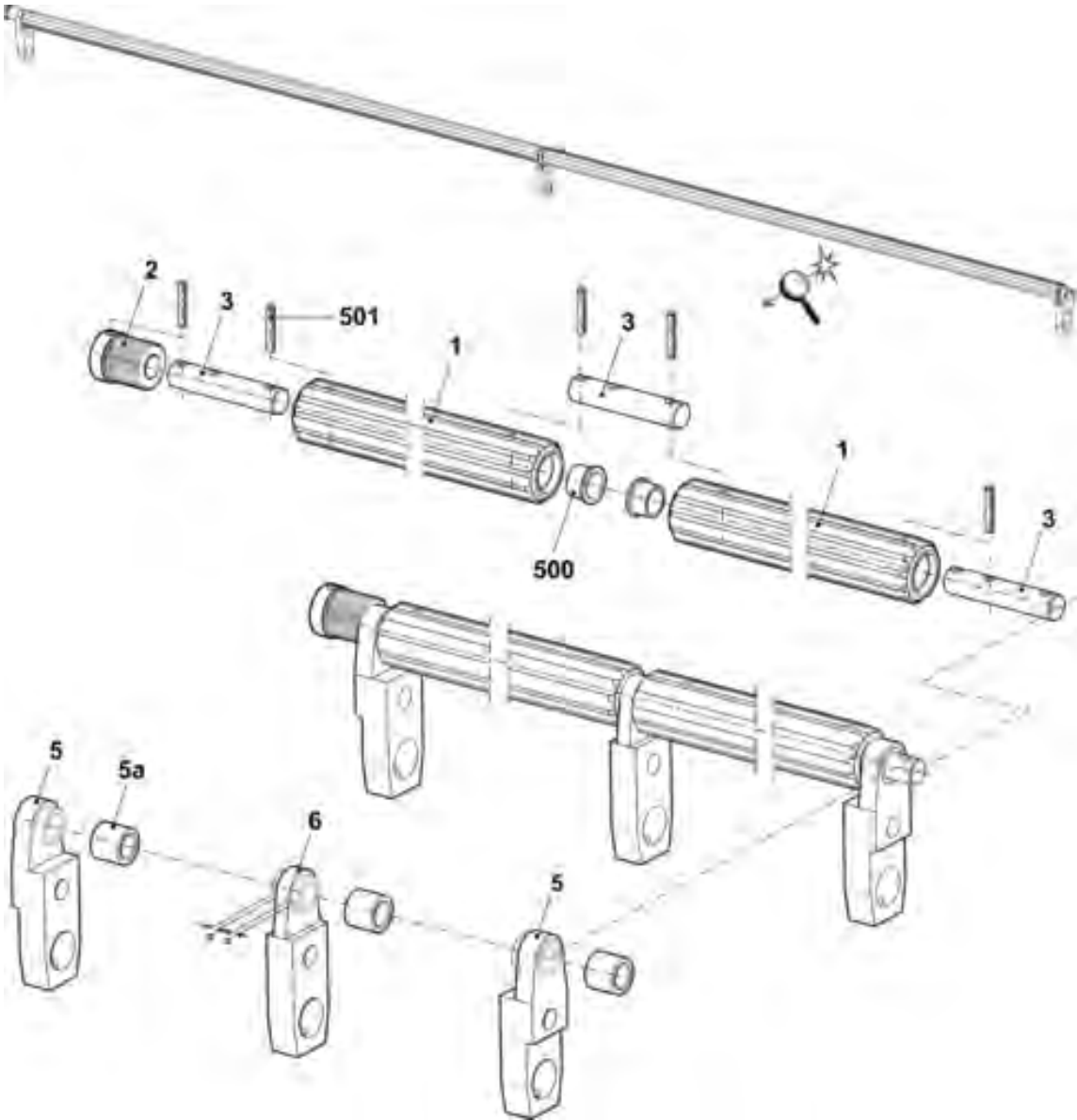
7.1.4 Contact lever

Pos	Designation	Id		Pos	Designation	Id
Σ	Contact lever complete	235 356		501	Cap screw 10x16-12.9	023 748
1	Lever	235 172		502	Countersunk screw 1-M4x45	023 291
2	Tilting lever	235 173		503	Compression spring 1,6x6,4x27,1	023 288
3	Roller	235 176		504	Washer4-200HV	020 870
4	Roll	235 171		505	Hexagon nut M4-8	023 046
500	Slide bearing GFM-10x1216-06	023 280		506	Dowel pin 5x22-A-ST	023 716



7.1.5 Take-down roller

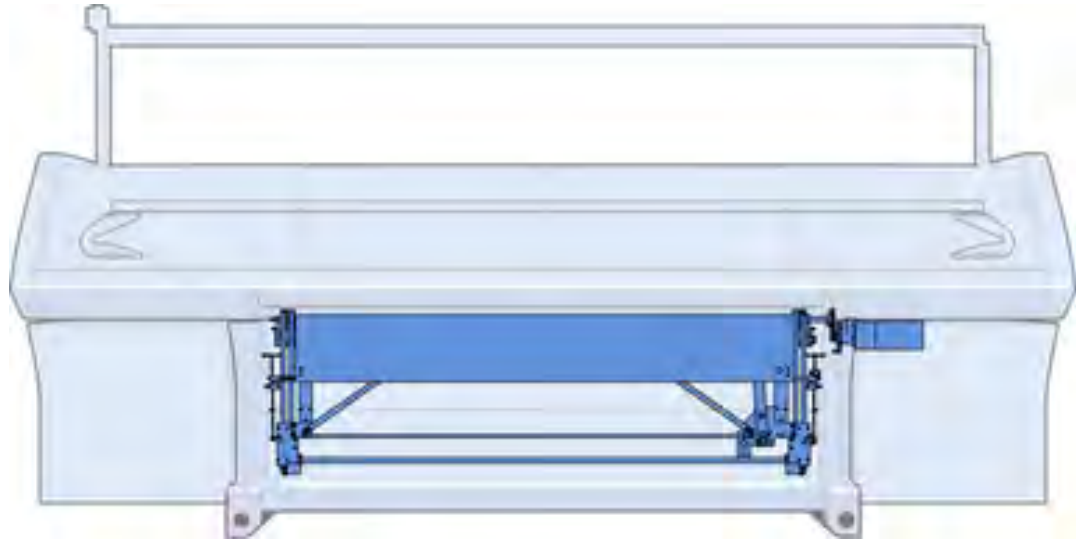
Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller complete	235 601		6	Lever bearing in the middle complete	235 359
1	Take-down roller	236 957		500	Slide bearing GFM-101214-07	023 627
2	Timing belt pulley	237 043		501	Spring dowel sleeve 3x18	237 059
3	Bolts	236 973				
5	Lever bearing on the right/left complete	235 358				
5a	Needle roller bearing 10x14x12	023 665				



7.1 Auxiliary Take-down Values

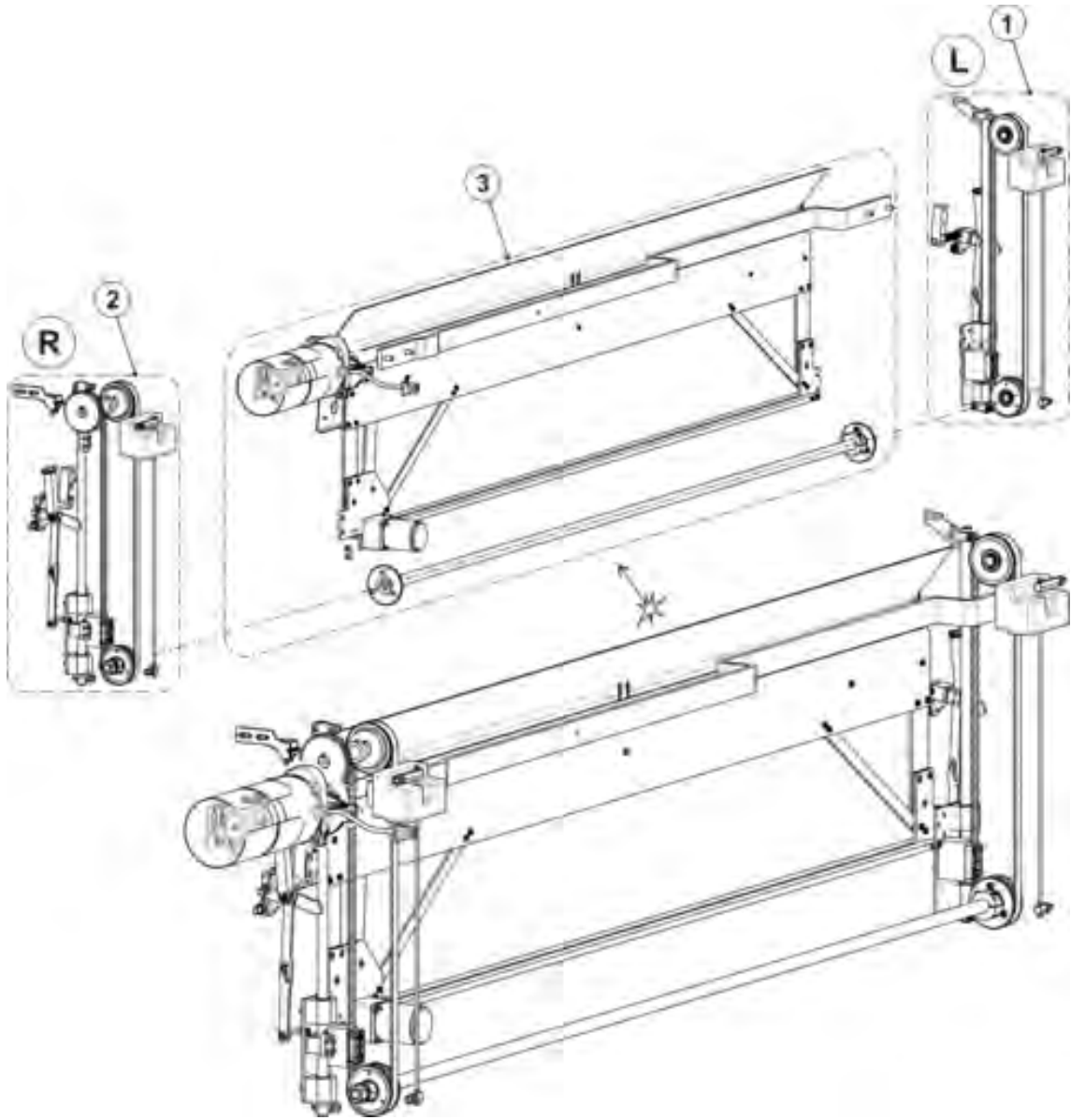
Notes:

8 Comb take-down



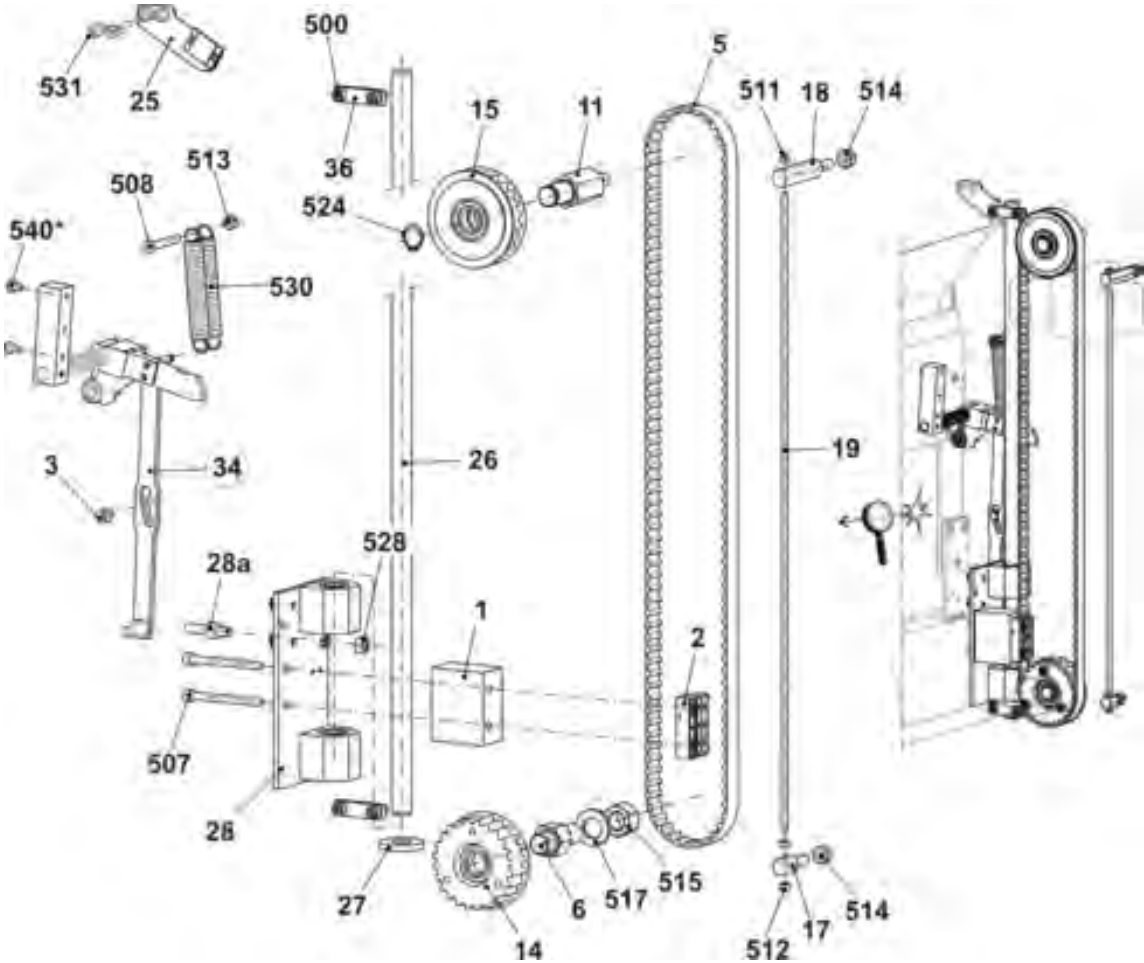
8.1 Comb take-down

Pos	Designation	ID		Pos	Designation	ID
Σ	Comb take-down			3	Comb take-down in the middle	
1	Comb take-down on the left	256 838			E12 (E6.2(12) E6.2)	255 314
2	Comb take-down on the right	256 839			E14 (E7.2(14) E7.2)	255 322



8.1.1 Comb take-down on the left

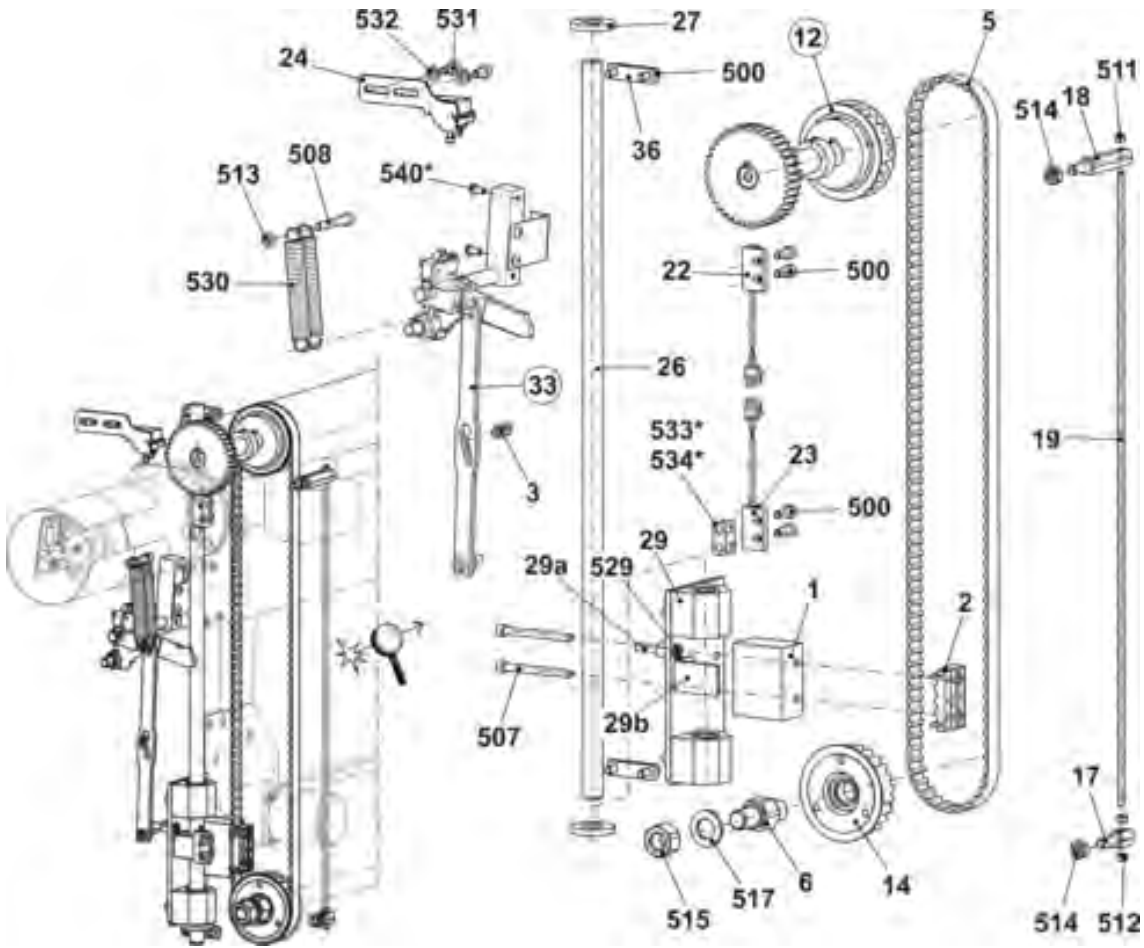
Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down on the left	255 265			
1	Clamping piece	209 379		528 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
11	Bolts	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	256 826	517	Washer16	020 876
26	Guide bar C35	206 560	524	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

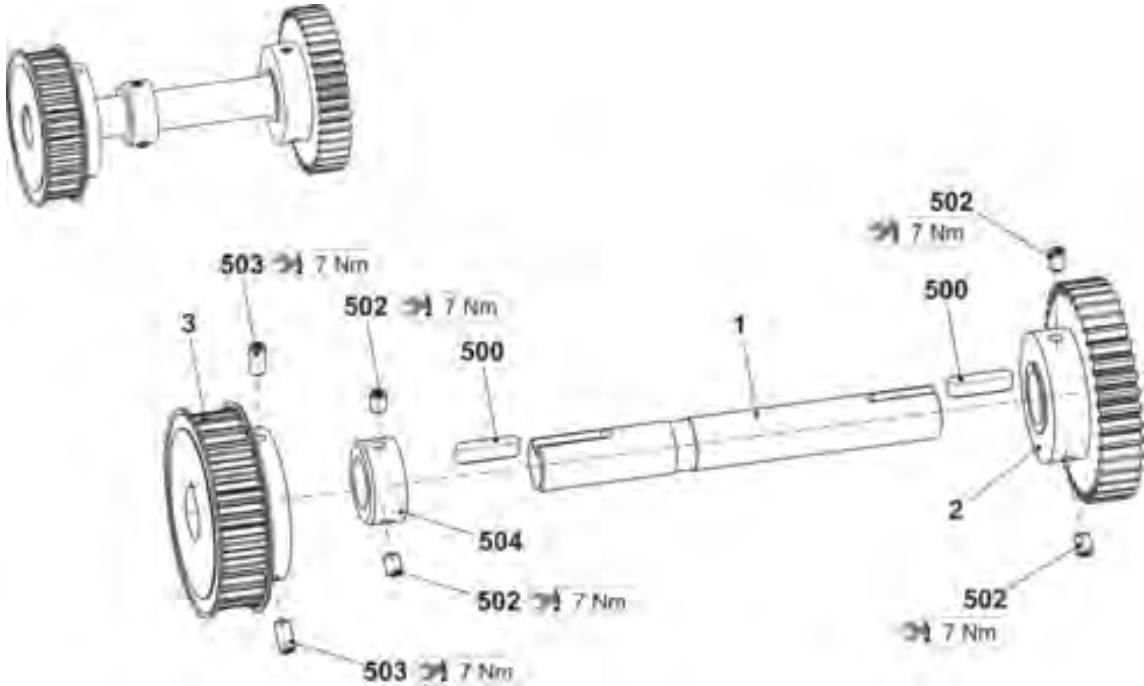
8.1.2 Comb take-down on the right

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

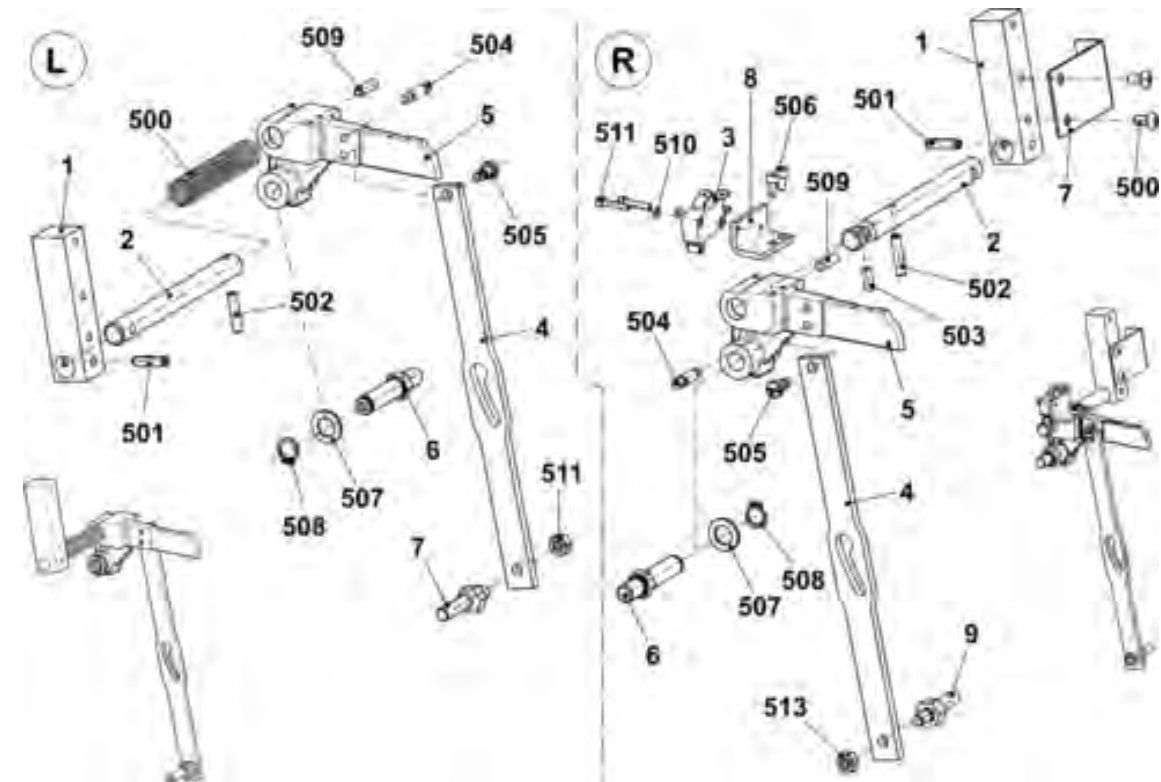
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Shaft	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394		504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



8.1 Comb take-down

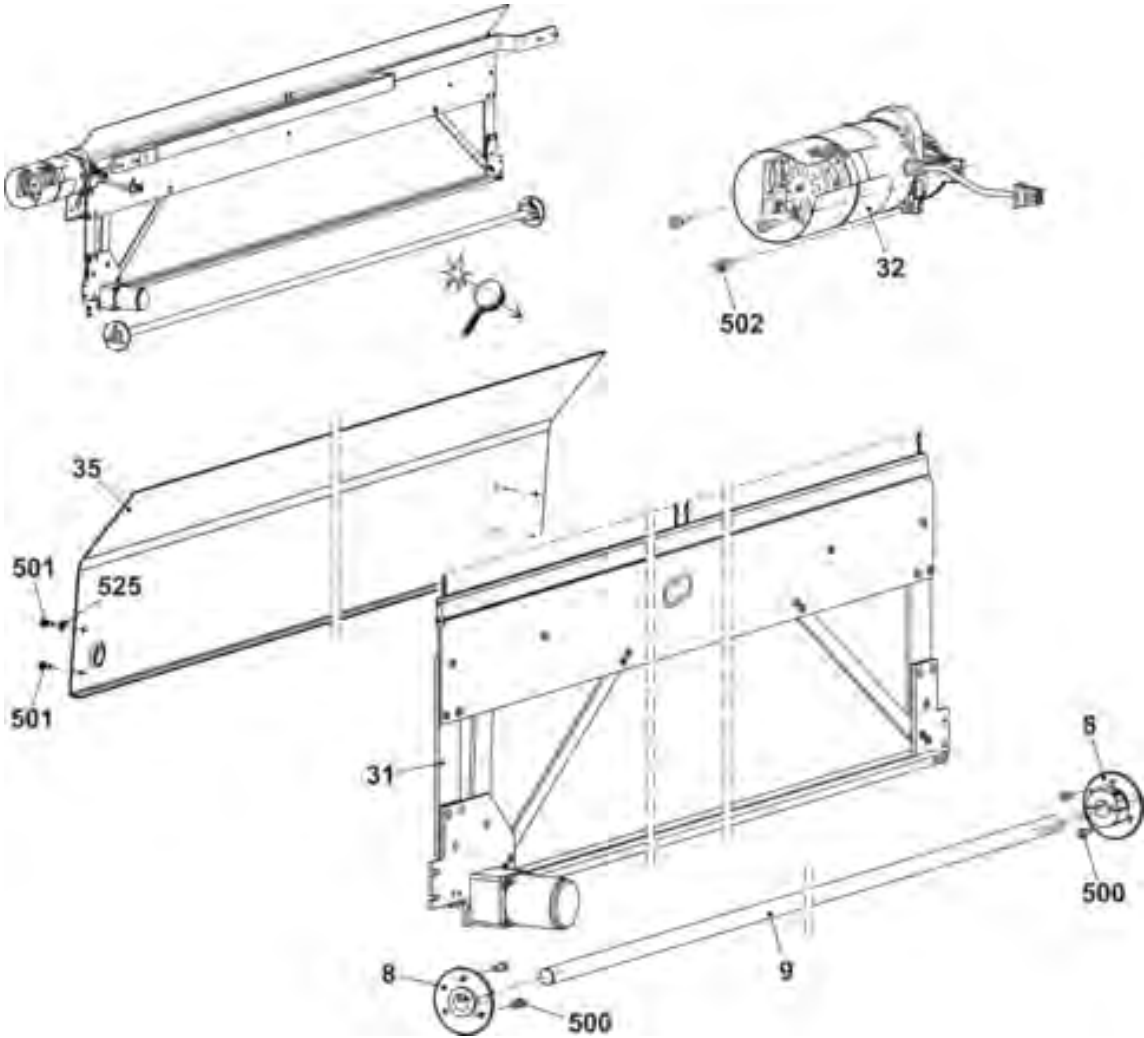
8.1.2.2 Swivel lever comb take-down

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



8.1.3 Comb take-down in the middle

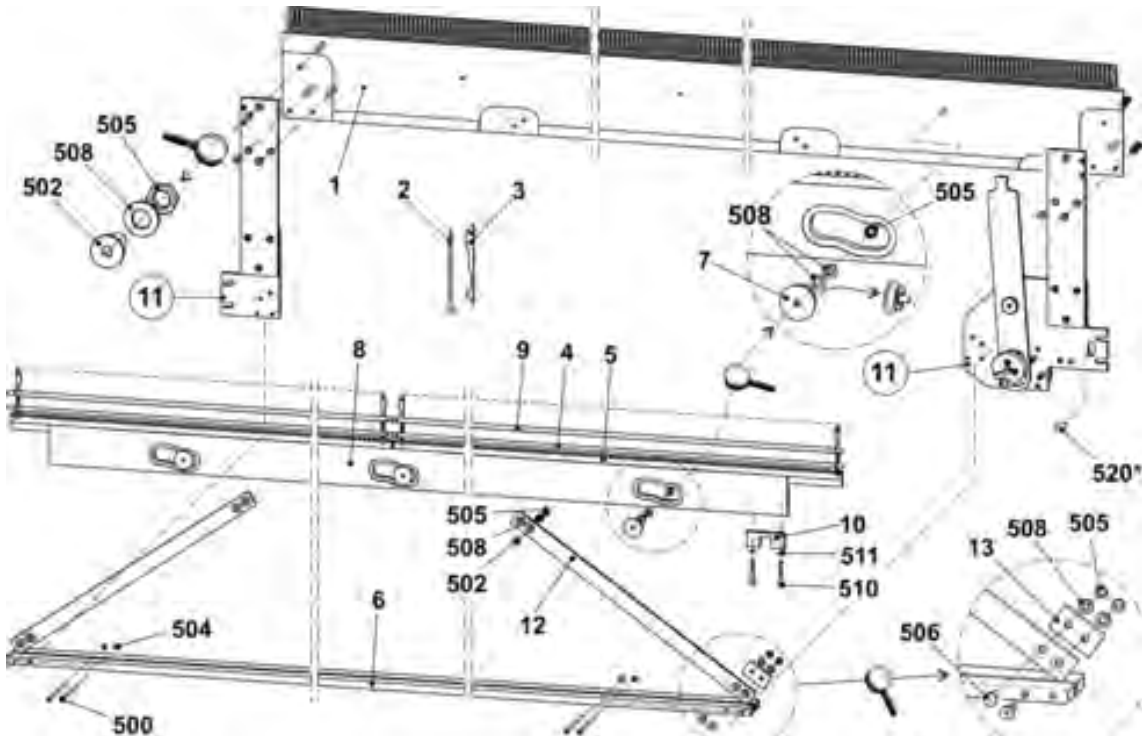
Pos	Designation	ID		Pos	Designation	ID
Σ	Comb take-down in the middle			31	Comb unit	
	E12 (E6.2(12) E6.2)	255 314			E12 (E6.2(12) E6.2)	243 403
	E14 (E7.2(14) E7.2)	255 322			E14 (E7.2(14) E7.2)	243 404
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	218 532		35	Marking plate open	252 829
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

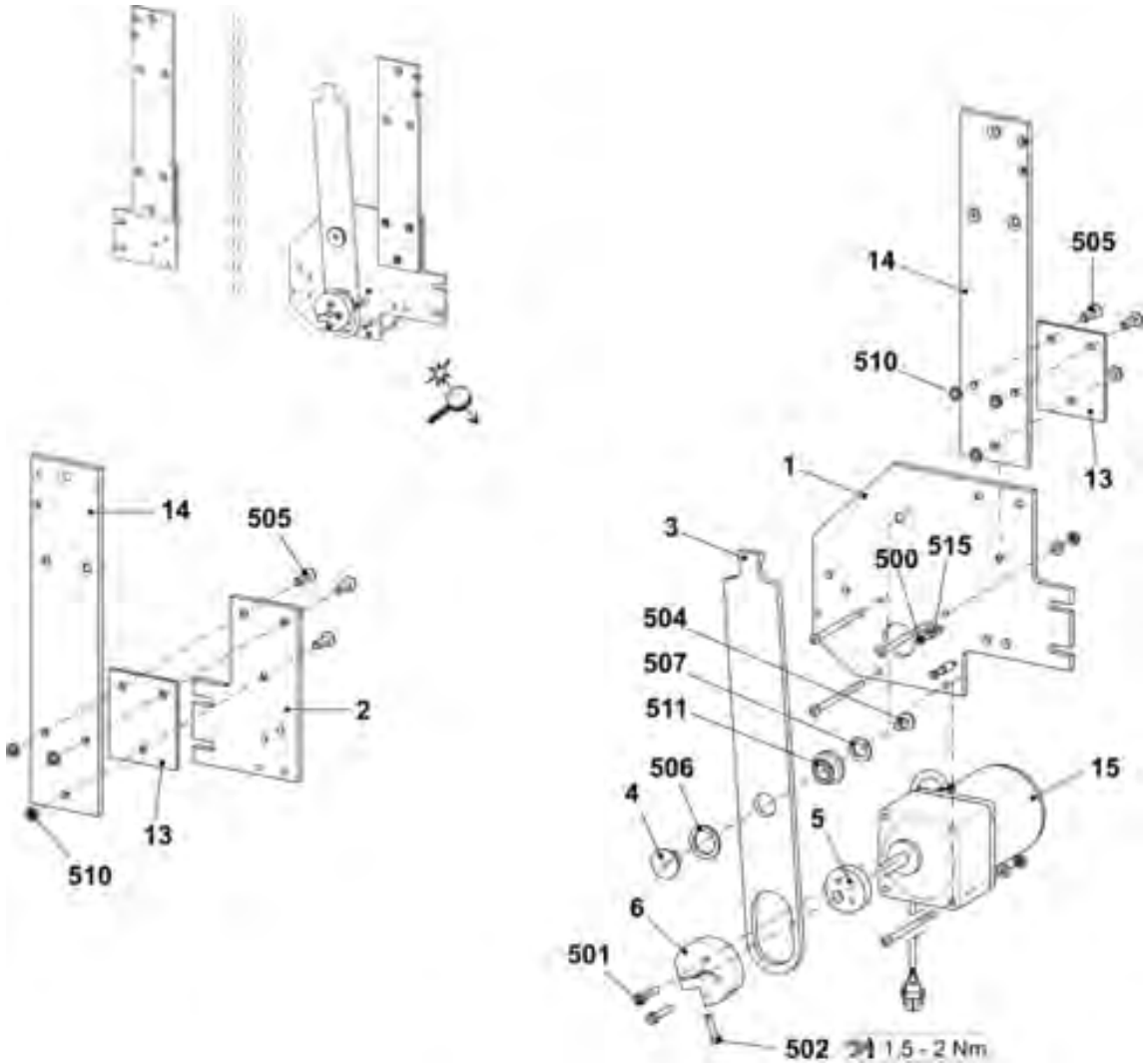
8.1.3.1 Comb unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb unitE12 E6.2	243 403	9	Cover rail	222 861
	Comb unitE14 E7.2	243 404	10	Plunger	205 678
1	Hook bedE12 E6.2	218 562	11	Switching lever complete	240 060
	Hook bedE14 E7.2	218 563	12	Strut	218 740
2	CloserE12-E14	230 106	13	Intermediate plate	218 742
3	BodyE12-E14	230 094	500	Cap screw M4x50	023 102
4	Cover rail	218 549	502	Countersunk head screw M5x12	023 340
5	Hook sliderE12 E6.2	221 298	504	Hexagon nut M4-8	023 046
	Hook sliderE14 E7.2	221 297	505	Hexagon nut M5-04	020 854
6	Stabilizer	218 555	508	Washer5-200	020 871
7	Collar bolt complete	211 036	510	Cap screw M4x30	023 290
8	Cross slider	218 552	511	Circlip	022 774



8.1.3.1.1 Switching lever comb take-down

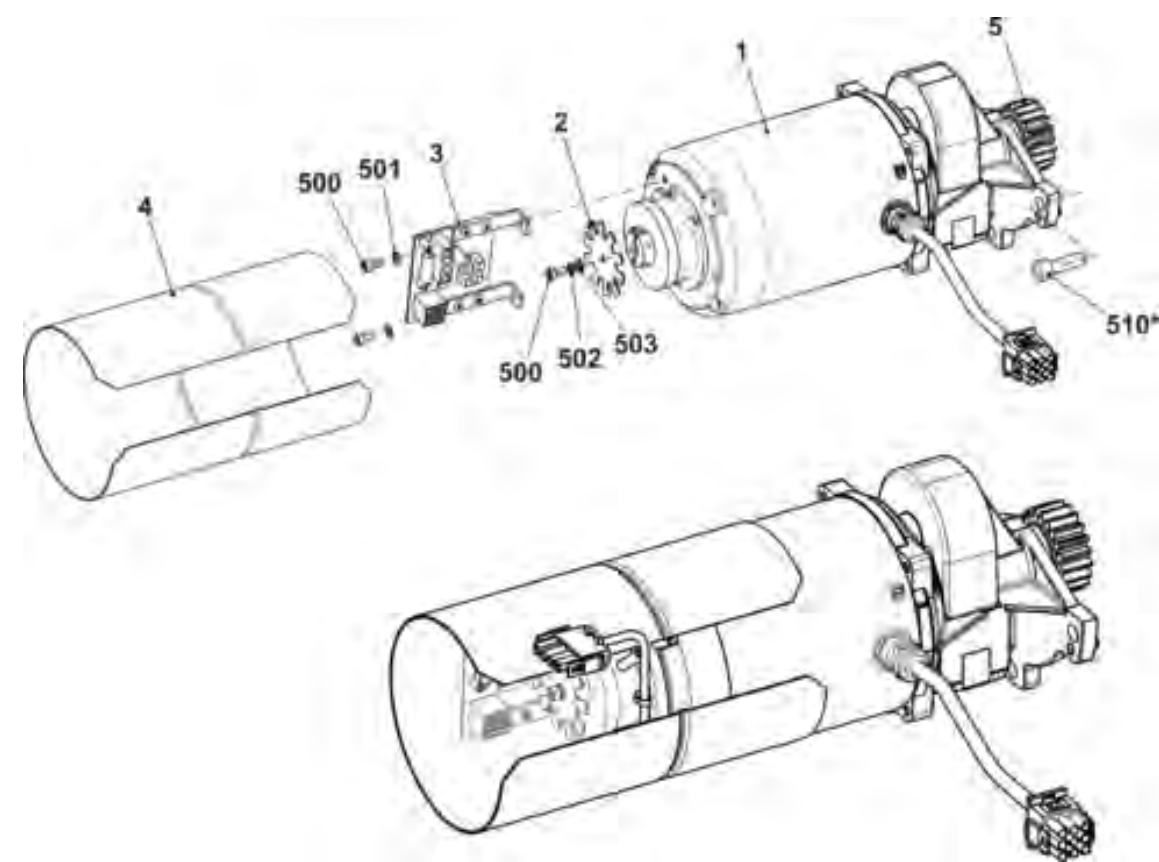
Pos	Designation	ID		Pos	Designation	ID
Σ	Switching lever complete	240 060		500	Cap screwM3x25	023 093
1	Screw-on plate on the right	240 058		501	Cap screwM4x20	023 171
2	Screw-on plate on the left	240 059		502	Cap screwM4x16	023 123
3	Lever	215 228		504	Pan-head screw M6x12	023 435
4	Bearing bolt	215 675		505	Pan-head screw M5x16	023 417
5	Eccentric	205 681		506	Shim ring 16x22x2	023 449
6	Tension cam	215 287		507	Shim ring 10x16x1	023 260
13	Intermediate plate	213 980		510	Hexagon nut M5	020 854
14	Holding plate	218 977		511	Collar bearing 10x16x22	022 841
15	Motor comb hook with 2 phases	244 635		515	Threaded spacer	210 488



8.1 Comb take-down

8.1.3.2 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



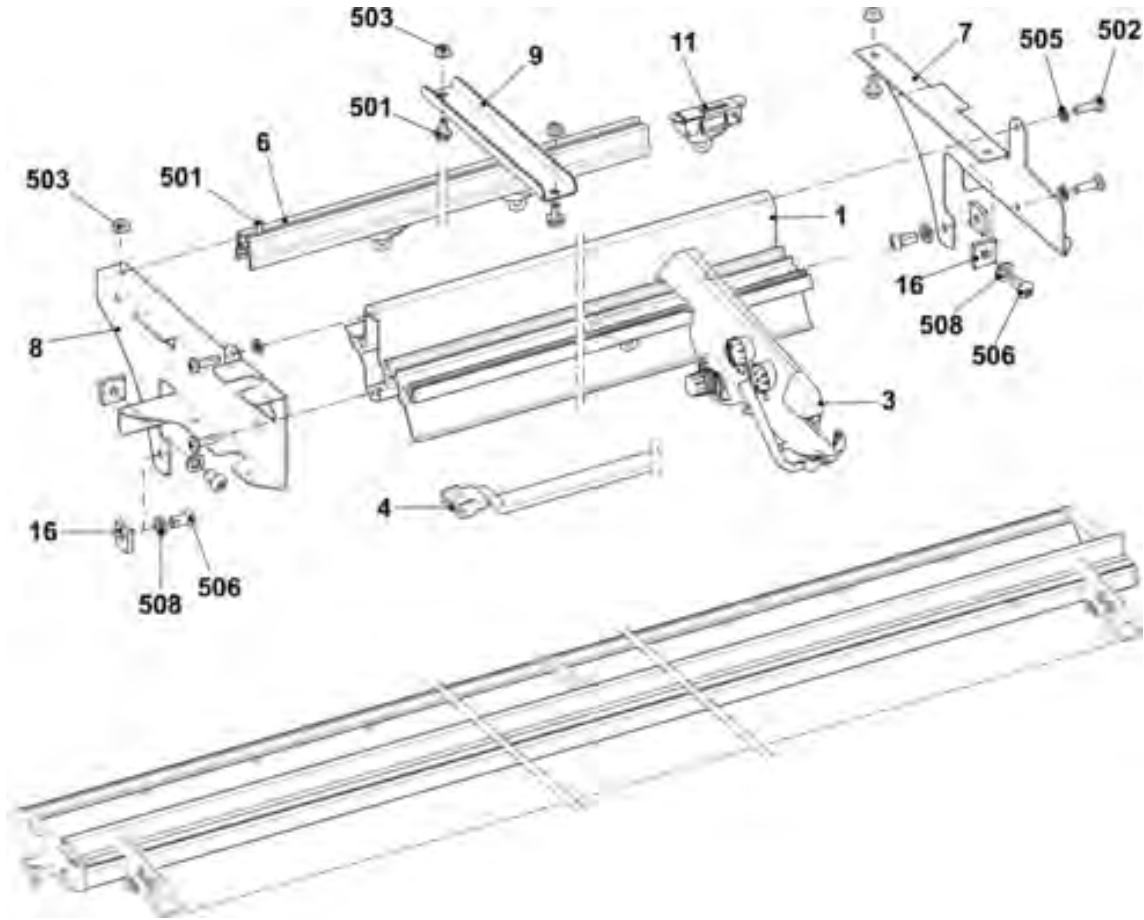
9 Yarn delivery device



9.1 Yarn guide system with 20 and 24 FKE

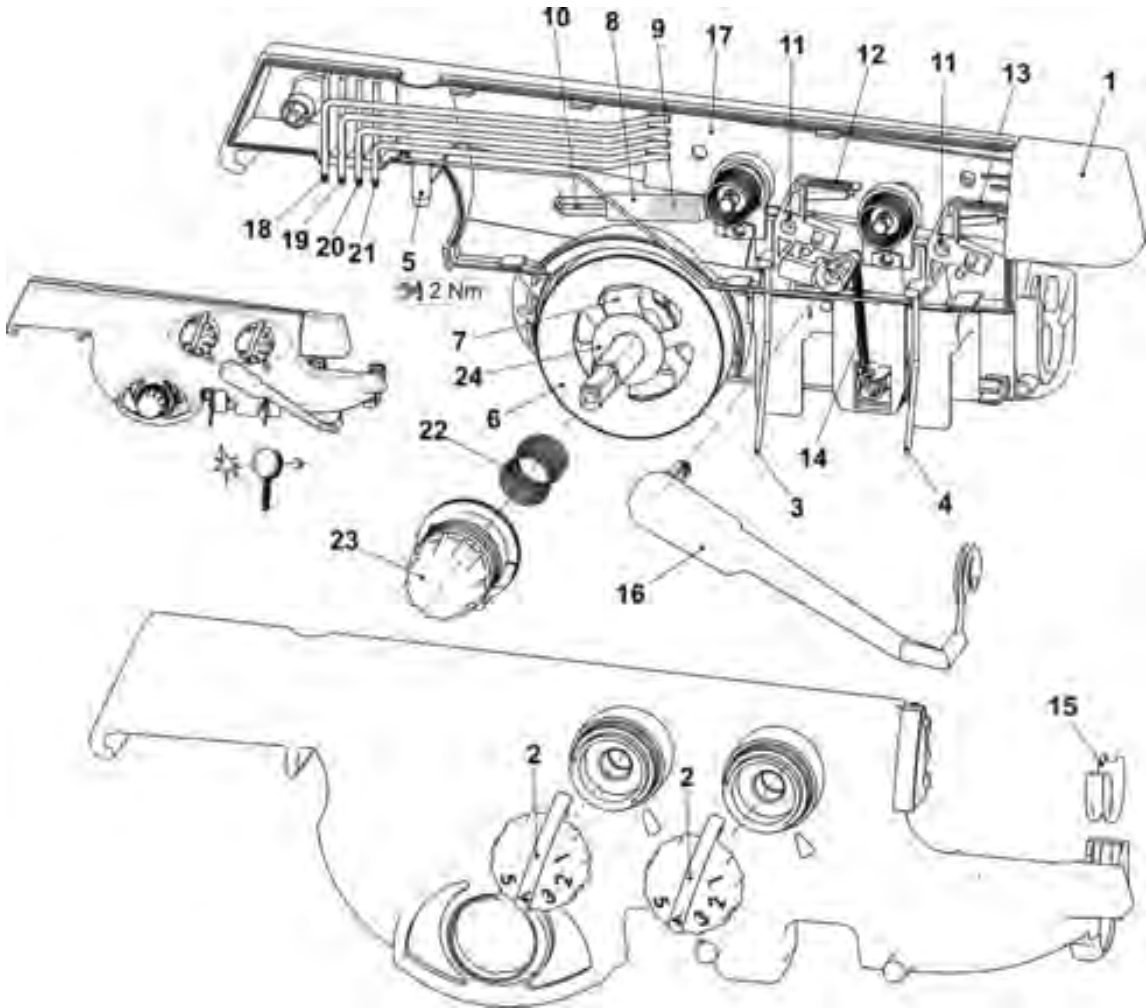
9.1 Yarn guide system with 20 and 24 FKE

Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn guide system 20 FKE 72"	243 365				
	Yarn guide system 24 FKE 72"	241 295		11	Yarn guide bracket complete	241 581
1	Support 72"	243 111		16	Slot nut	228 851
3	Yarn control device(FKE)	237 124		501	Self-locking screw M6x12	023 415
4	Connection cable FKE-3 72"	240 348		502	Screw M6x20	023 721
6	Yarn guide bar72"	228 596		503	Serrated nut M6-10	023 414
7	Support on the right	243 601		505	Washer6-200	022 431
8	Support on the left	243 600		506	Pan-head screw M8x16	023 113
9	Support	243 792		508	Serrated lock washer	023 388



9.2 Yarn control device

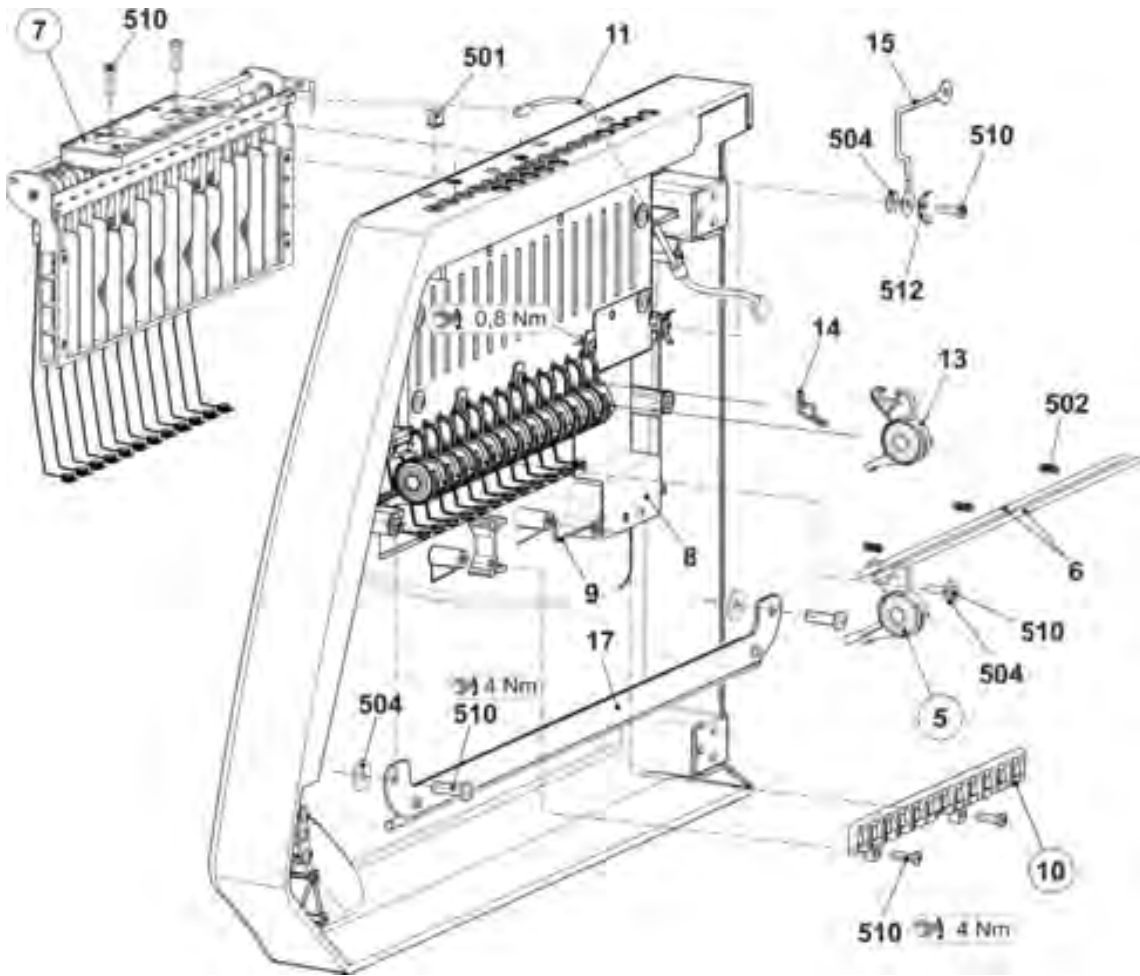
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control device	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw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



9.3 Left yarn guide

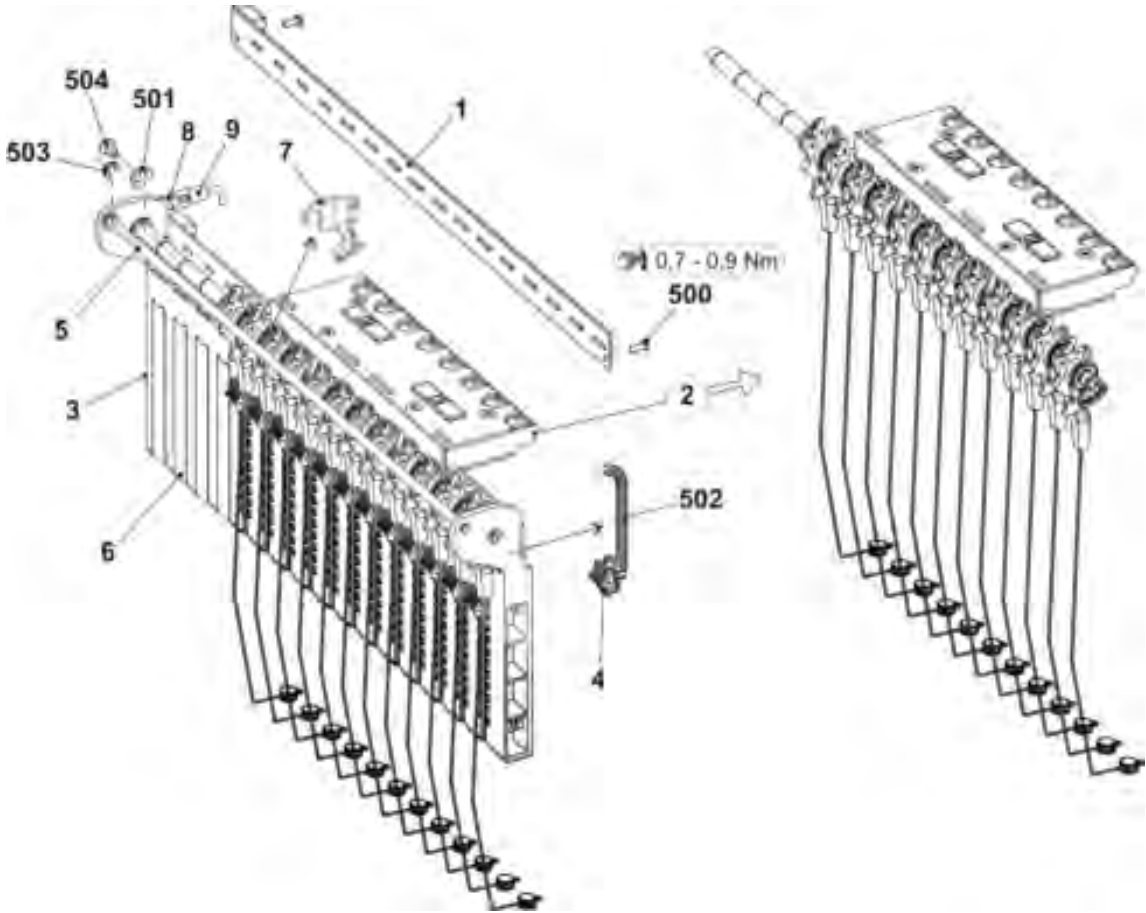
9.3 Left yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete				
	E6.2	241 272	11	Connection cable yarn tensionerokc	240 808
	E7.2 E6.2(12) E7.2(14)	241 273	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 left complete		17	Stop bar on the left complete	258 454
	E6.2	241 364	501	Ceramic eyelet	240 640
	E7.2 E6.2(12) E7.2(14)	241 365	502	Compression spring 0,90x5,40x13,60	241 360
8	Cover	240 783	504	Washer6	022 537
9	Wire bow on the left	241 370	510	Screw KB 60x20	237 682
10	Yarn deflector	242 011	512	Flat connector 2x45° M6	243 117



9.3.1 Left yarn tensioner

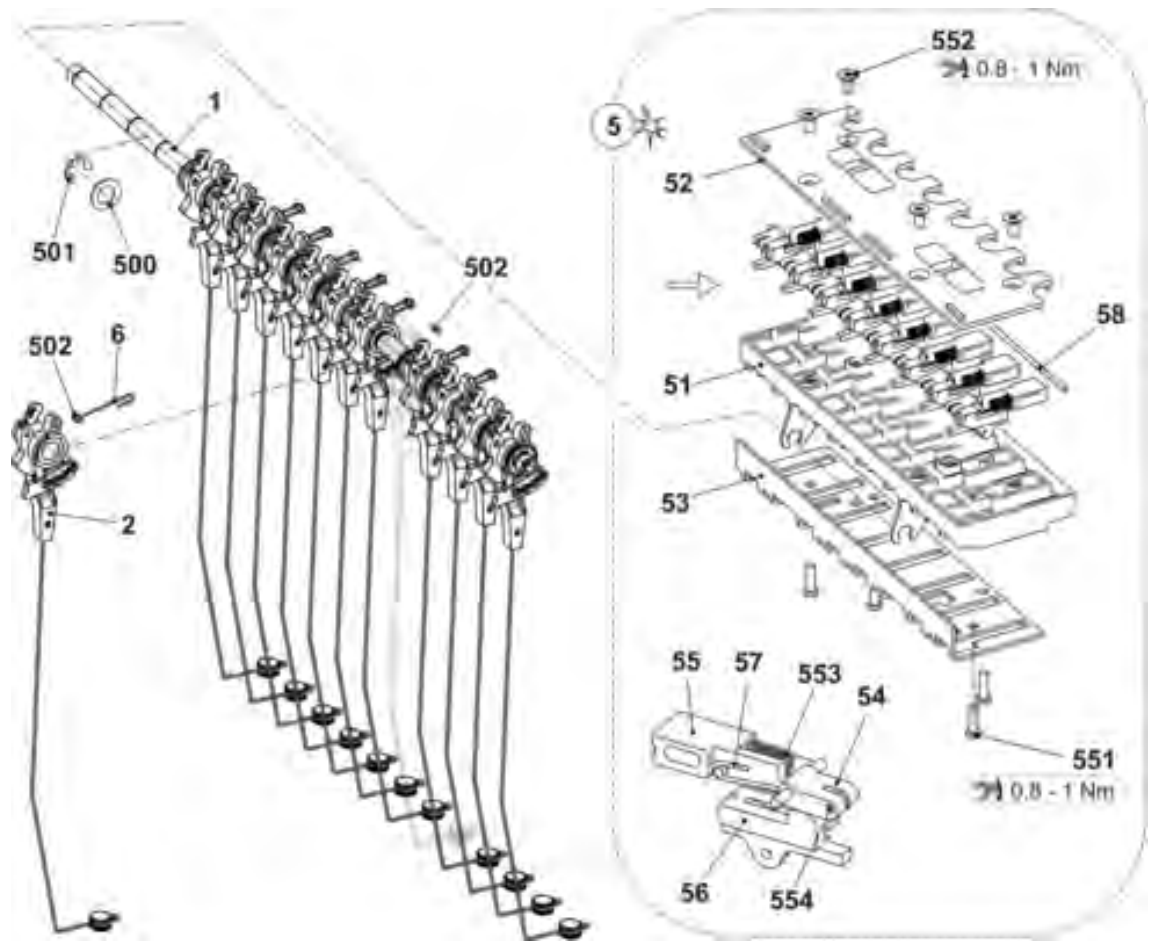
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the left complete					
	E7-8 (E6.2)	241 364		7	Spacer	242 048
	E10-18 (E7.2 E6.2(12) E7.2(14))	241 365		8	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		9	Ground cable yarn tensioner okc	243 105
2	Tension axle on the left complete E3-8	241 366		500	Screw KB 30x8	236 228
	Tension axle on the left complete E10-18	241 381		501	Circlip	021 022
3	Housing	241 367		502	Tension spring 4,9x0,5x53 E6.2	023 503
4	Slider	241 694			Tension spring 4,9x0,5x53 E7.2 E6.2(12) E7.2(14))	023 504
5	Stop point	241 368		503	Circlip	021 020
6	Border	242 268		504	Countersunk screw M4x10	241 914



9.3 Left yarn guide

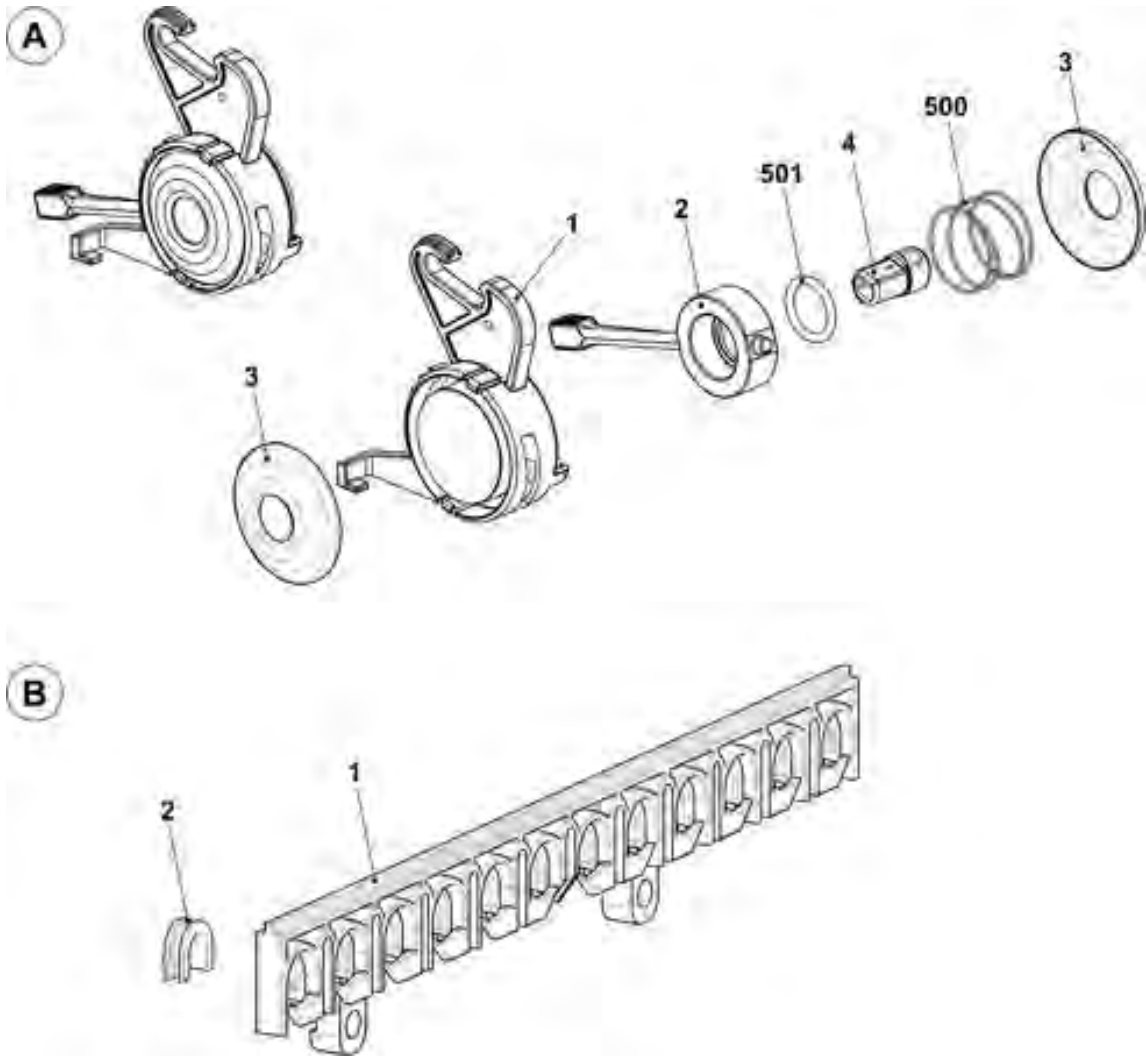
9.3.1.1 Left tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left completeE3-6	241 366	55	Pressure piece AKF	238 690
	Tension axle on the left complete E10-18	241 381	56	SliderAKF	238 691
1	Axle	243 107	57	Wire bow	238 694
2	Tension arm pre-assembledE3-8	259 448	58	Wire	237 940
	Tension arm pre-assembledE10-18	258 459	551	Screw KB 35x12	237 681
6	Wire bow	238 694	552	Screw KB 40x8	236 227
5	Thread clamp AKF	238 695	553	Compression spring 0,30x4,50x18,50	241 437
	51 HousingAKF	238 689	554	Grooved pin 2x6	243 172
	52 Cover AKF	237 926	500	Shim ring 8x14x0,5	023 501
	53 Sheet metal at the bottom (housing AKF)	240 719	501	Circlip	021 022
	54 Lever AKF	238 692	502	Grooved pin 2x6	243 172



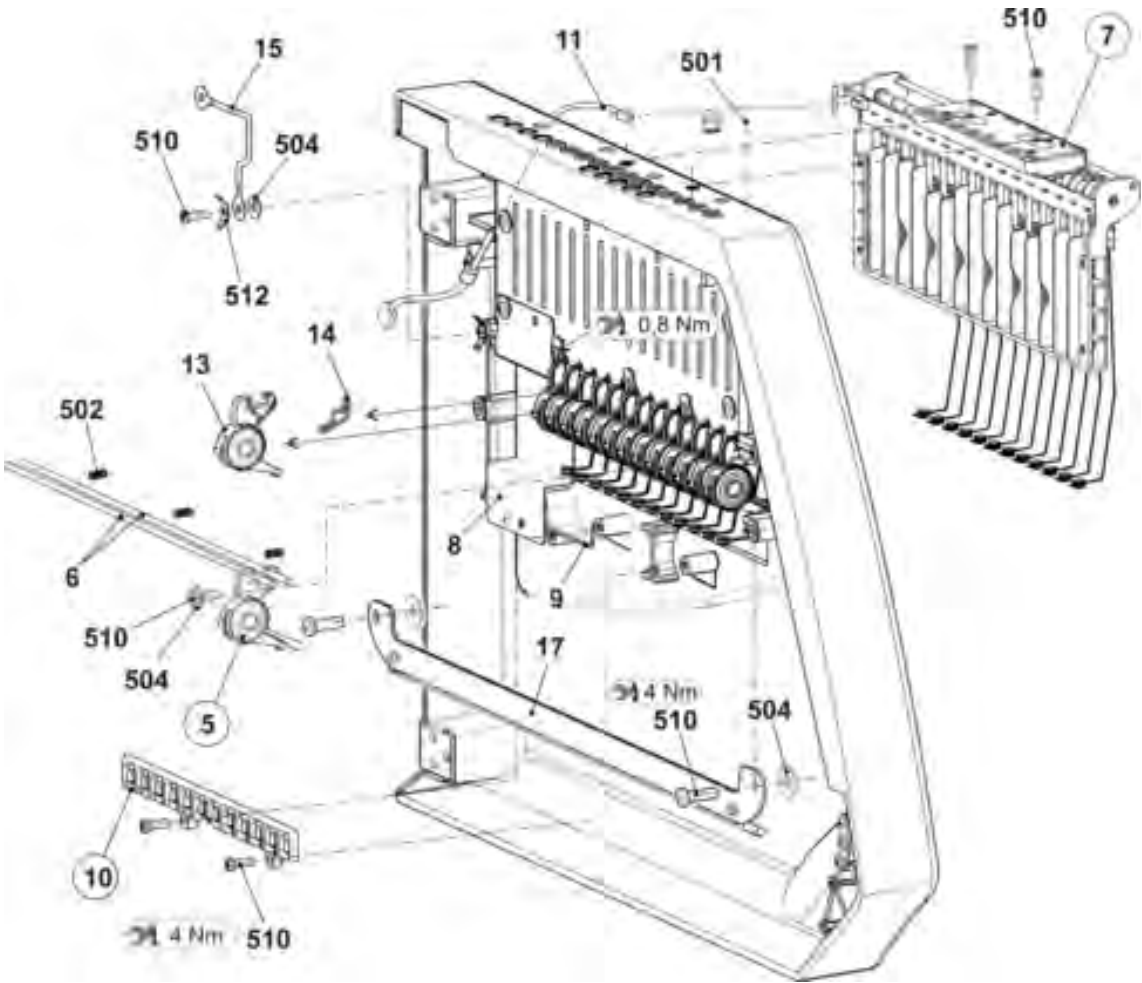
9.3.2 Yarn brake and yarn deflector

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



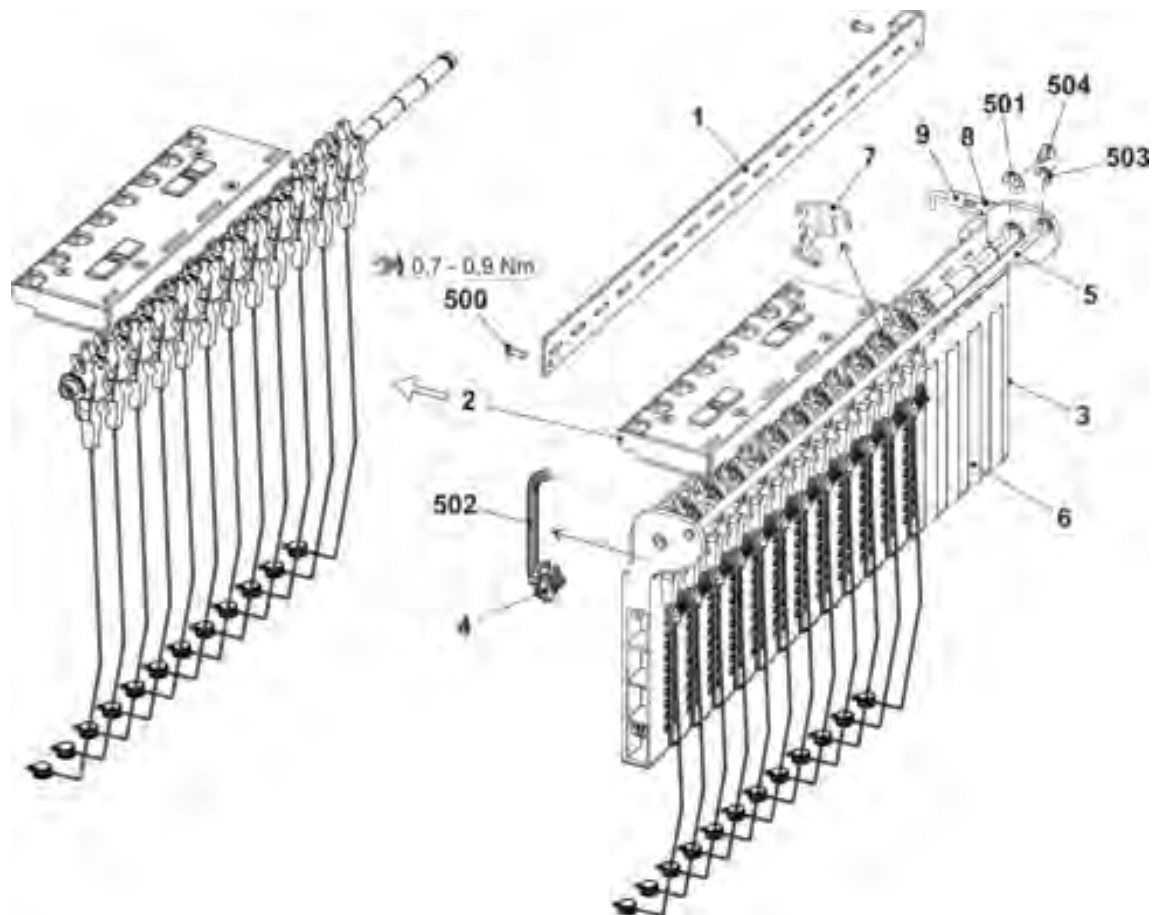
9.4 Right yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the right complete				
	E6.2	241 275	11	Connection cable yarn tensionerokc	240 808
	E7.2 E6.2(12) E7.2(14)	241 276	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		17	Stop bar on the right complete	258 562
	E6.2	241 383	501	Ceramic eyelet	240 640
	E7.2 E6.2(12) E7.2(14)	241 384	502	Compression spring 0,90x5,40x13,60	241 360
8	Cover	240 783	504	Washer6	022 537
9	Wire bow on the right	241 369	510	Screw KB 60x20	237 682
10	Yarn deflector	242 011	512	Flat connector 2x45° M6	243 117



9.4.1 Right yarn tensioner

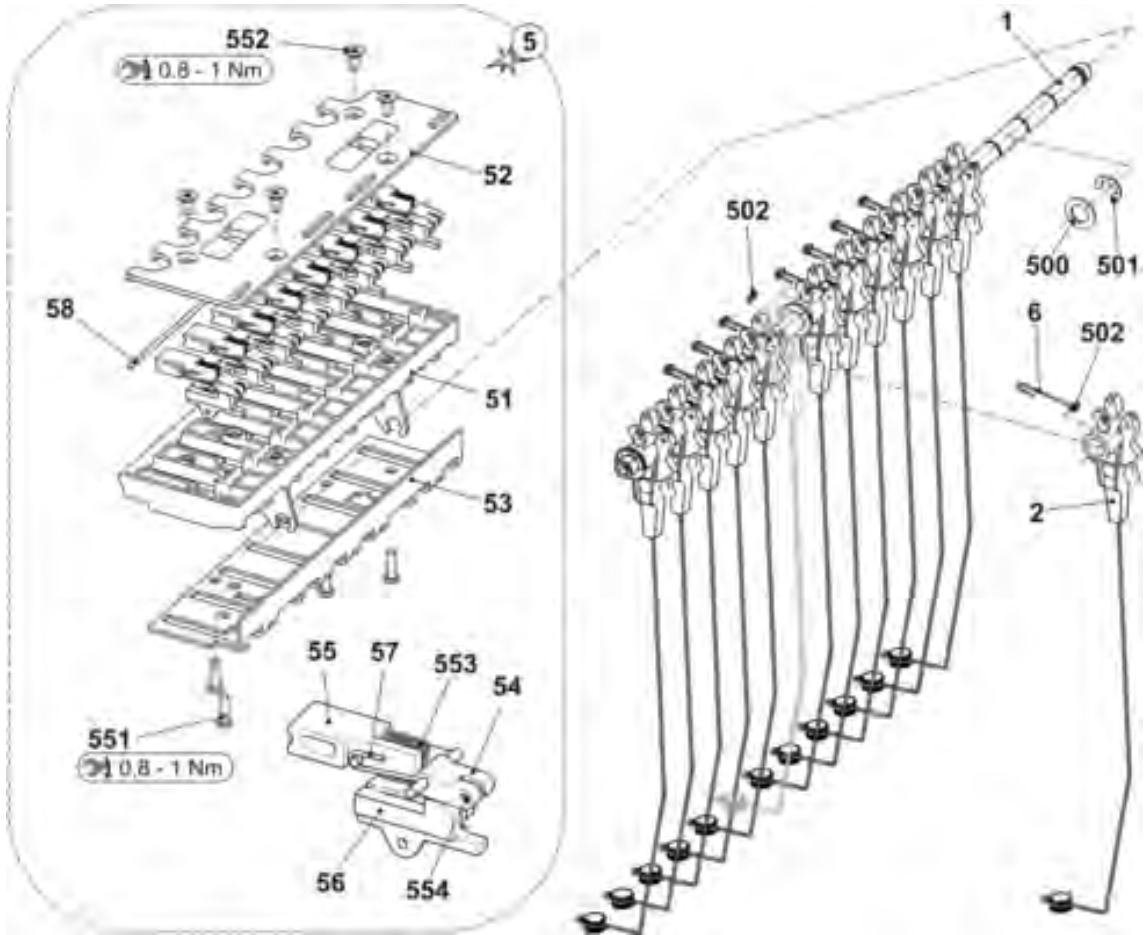
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the right complete					
	E7-8 (E6.2)	241 383		7	Spacer	242 048
	E10-18 (E7.2 E6.2(12) E7.2(14))	241 384		8	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		9	Ground cable yarn tensioner okc	243 105
2	Tension axle on the right completeE3-8	241 379		500	Screw KB 30x8	236 228
	Tension axle on the right completeE10-18	241 380		501	Circlip	021 022
3	Housing	241 367		502	Tension spring 4,9x0,5x53 E6.2	023 503
4	Slider	241 694			Tension spring 4,9x0,5x53 E7.2 E6.2(12) E7.2(14))	023 504
5	Stop point	241 368		503	Circlip	021 020
6	Border	242 268		504	Countersunk screw M4x10	241 914



9.4 Right yarn guide

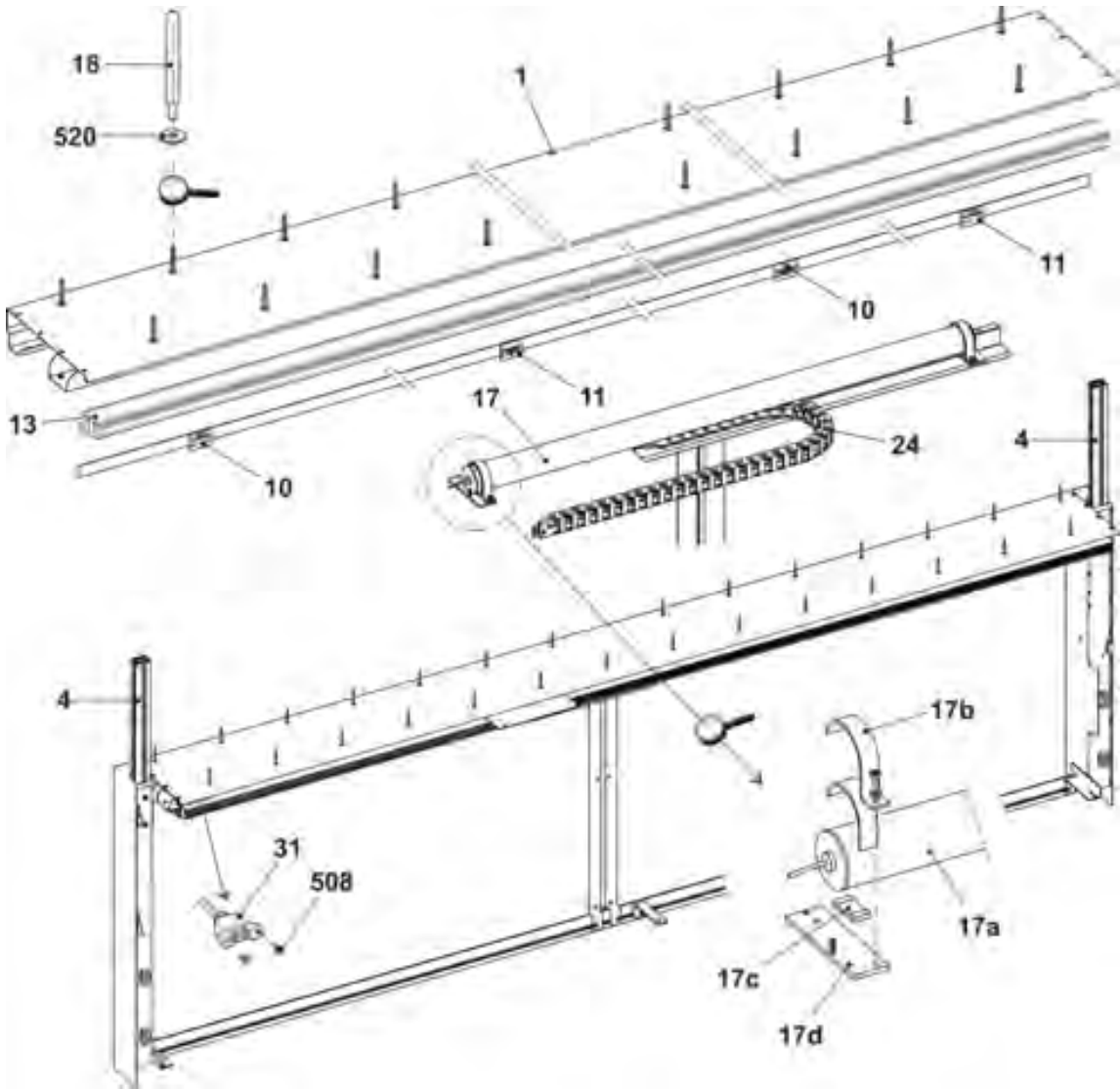
9.4.1.1 Right tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right completeE3-8	241 379	55	Pressure piece AKF	238 690
	Tension axle on the right completeE10-18	241 380	56	SliderAKF	238 691
1	Axle	243 107	57	Wire bow	238 694
2	Tension arm pre-assembledE3-8	259 448	58	Wire	237 940
	Tension arm pre-assembledE10-18	258 459	551	Screw KB 35x12	237 681
6	Wire bow	238 694	552	Screw KB 40x8	236 227
5	Thread clamp AKF	238 695	553	Compression spring 0,30x4,50x18,50	241 437
51	HousingAKF	238 689	554	Grooved pin 2x6	243 172
52	Cover AKF	237 926	500	Shim ring 8x14x0,5	023 501
53	Sheet metal at the bottom (housing AKF)	240 719	501	Circlip	021 022
54	Lever AKF	238 692	502	Grooved pin 2x6	243 172



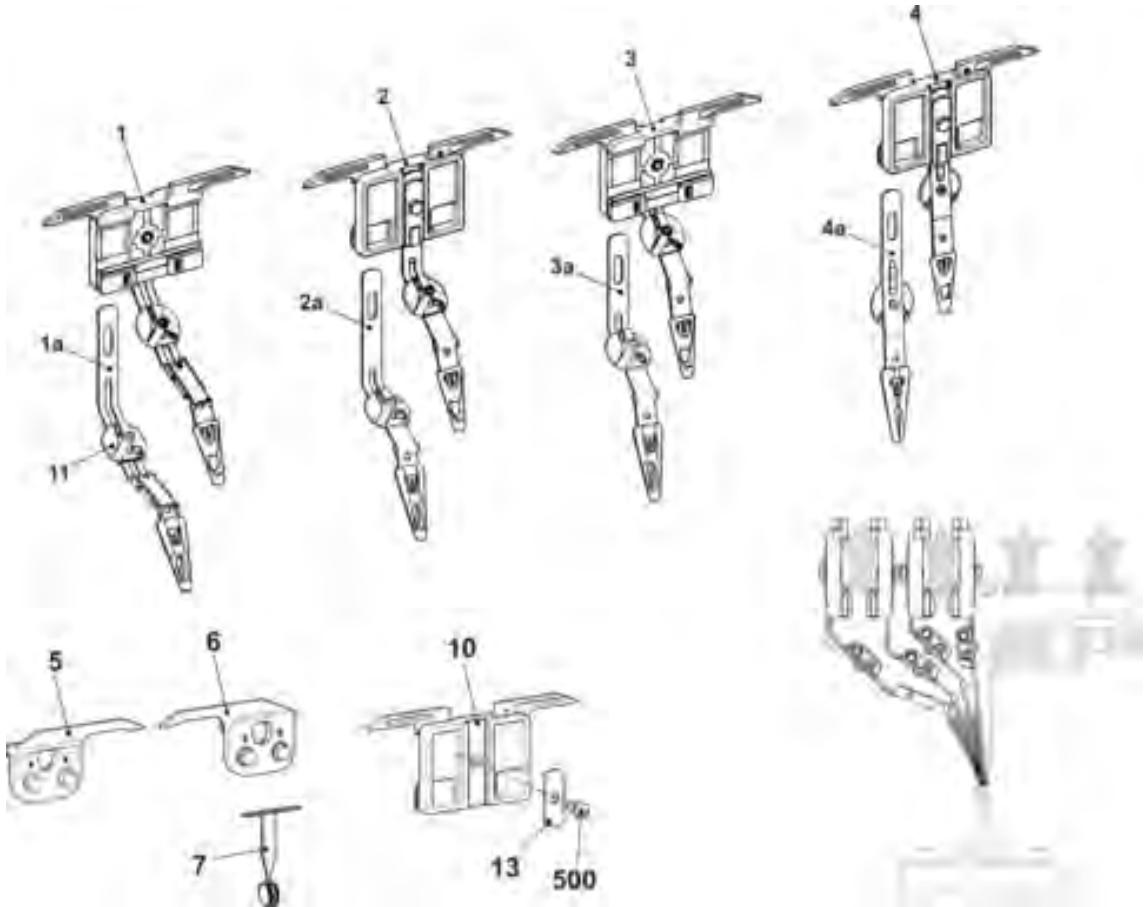
9.5 Bobbin board

Pos	Designation		ID		Pos	Designation		ID
Σ	Table complete 72"		240 391		17	17b	Clamping bow	209 504
1	Table		251 245			17c	Cellular caoutchouc 40x20	208 018
4	Support element		228 594			17d	Lamp support	221 951
10	Magnet switch safety door		219 983		18	Positioning pin		204 819
11	Magnet switch safety door		220 159		24	Energy chain display 38 links		253 888
13	Guide rail at the top complete		257 518		31	Cable USB extension okc		243 070
17	Lamp at the top complete		222 509		508	Pan-head screw M3x8		023 251
	17a	Light 230 V 50/60 Hz	205 546		520	Washer		020 901



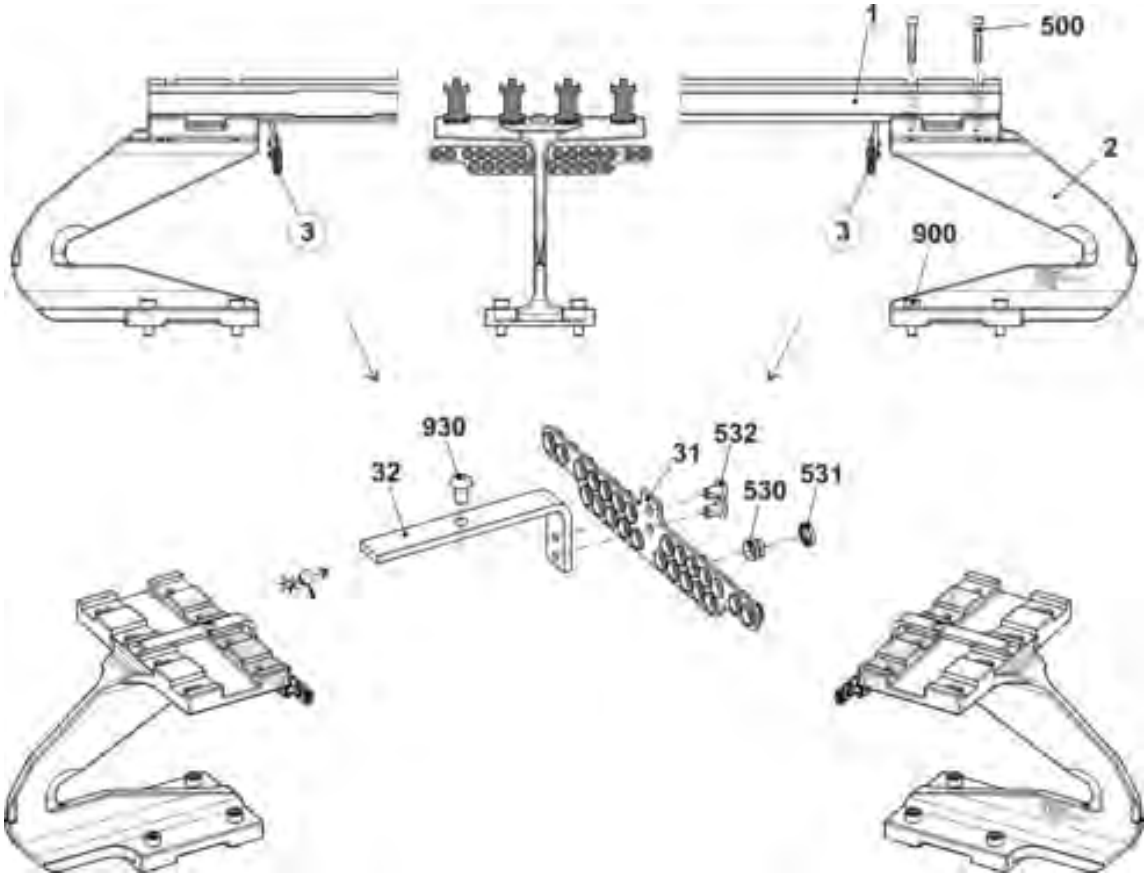
9.6 Yarn guide complete

Pos	Designation	Track	ID		Pos	Designation	ID
Σ	Yarn guide complete						
	E6.2		244 004				
	E7.2 E6.2(12) E7.2(14)		244 005				
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
E7.2 E6.2(12) E7.2(14)					E7.2 E6.2(12) E7.2(14)		
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
5	Limiter on the left complete		244 099		11	Yarn guide star complete	209 257
6	Limiter on the right complete		244 098		13	Shim	213 035
7	Slider with eyelet		230 709		500	Hexagon screw M5x10	020 351
10	FF carriage complete		243 062				



9.7 Bar unit

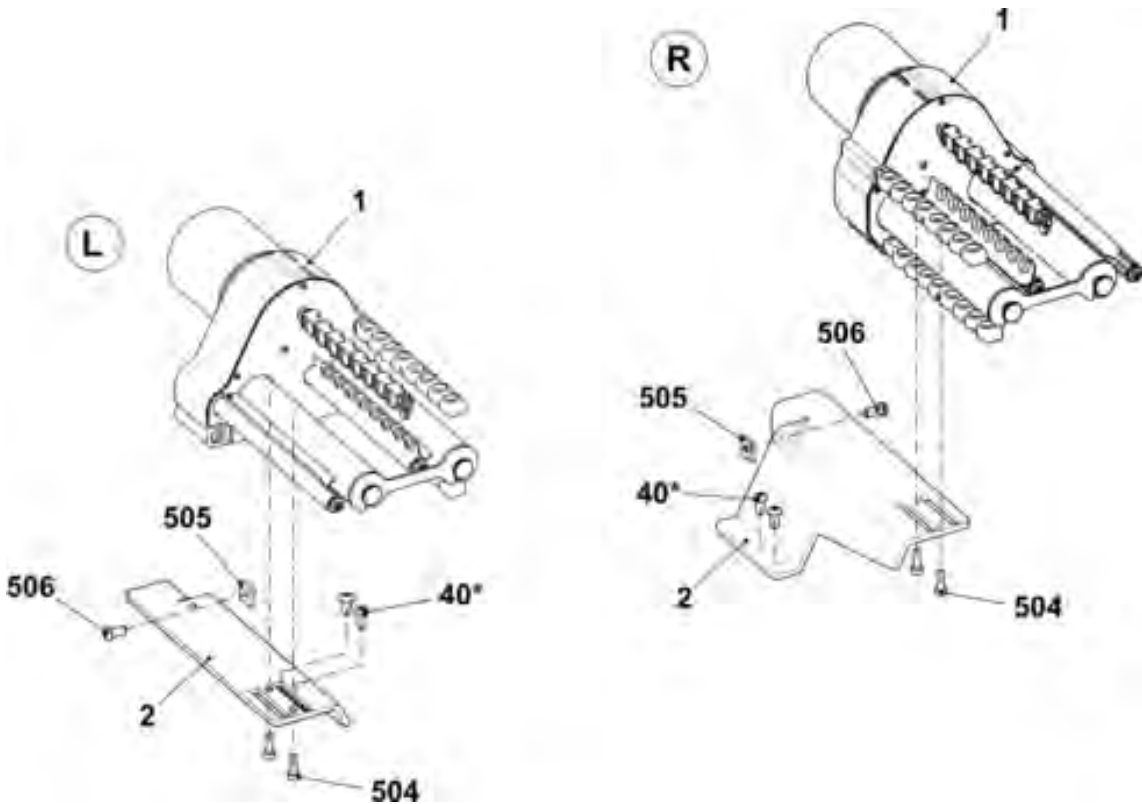
Pos	Designation		ID		Pos	Designation		ID
Σ	Bar unit		244 101			530	Eyelet 4,2	021 502
1	Yarn carrier rail		255 466			531	Clamping ring	259 606
2	FF support		253 674			532	Pan-head screw M5x8	239 408
3	Yarn guide bracket complete		259 403			930	Pan-head screw M6x10	023 183
	31	Eyelet holder complete	259 402		500	Cap screw M6x35		020 139
	32	Holding angle	259 574		900	Cap screw M8x25		020 142



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

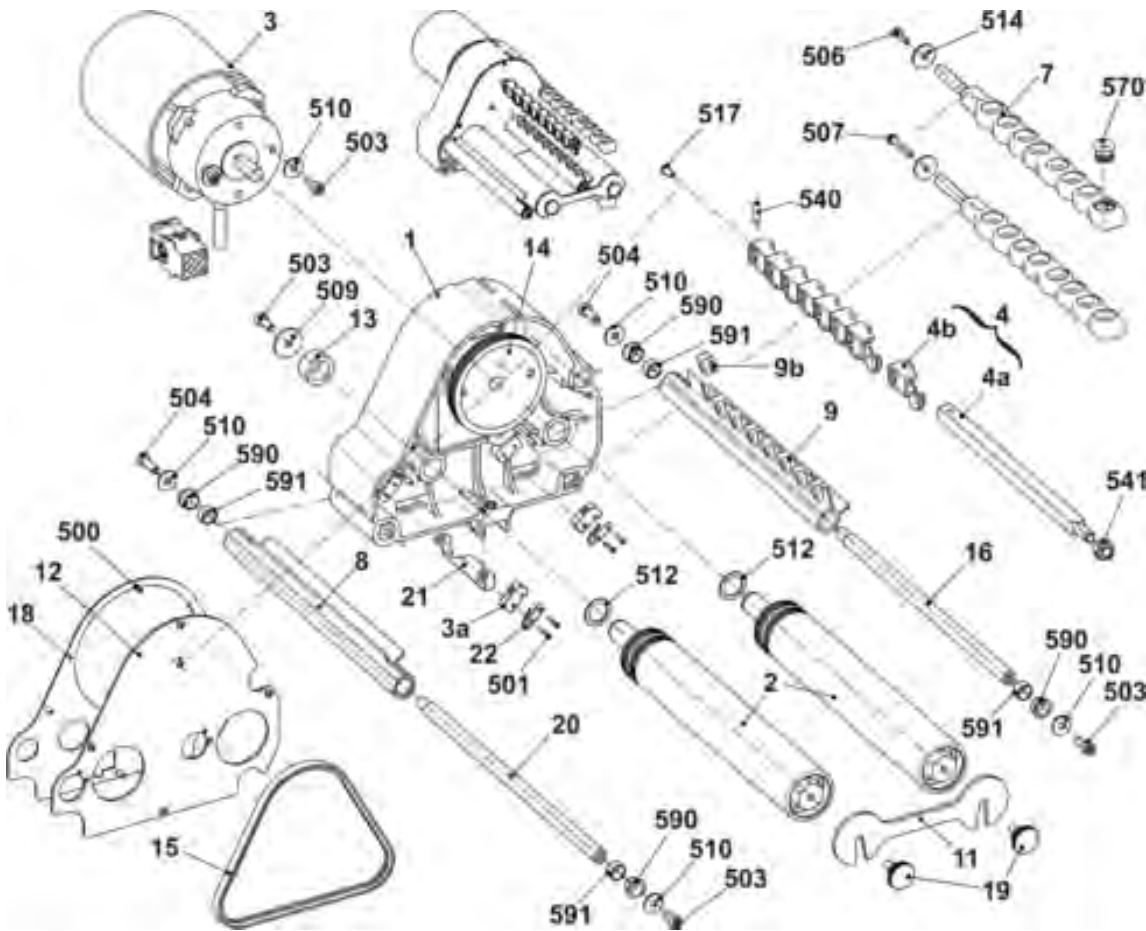
9.8 Friction feed wheel on the left and on the right complete

Pos	Designation	Id		Pos	Designation	Id
Σ L	Friction feed wheel on the left complete	243 573		Σ R	Friction feed wheel on the right complete	243 574
1	Friction feed wheel on the left	243 571		1	Friction feed wheel on the right	243 572
2	Support of left feed wheel	250 966		2	Support of right feed wheel	250 967
504	Cap screw M6x16	020 135		504	Cap screw M6x16	020 135
505	Slot nut	228 851		505	Slot nut	228 851
506	Pan-head screw M8x18	251 331		506	Pan-head screw M8x18	251 331
40*	Pan-head screw M8x16	023 113		40*	Pan-head screw M8x16	023 113



9.8.1 Left friction feed wheel

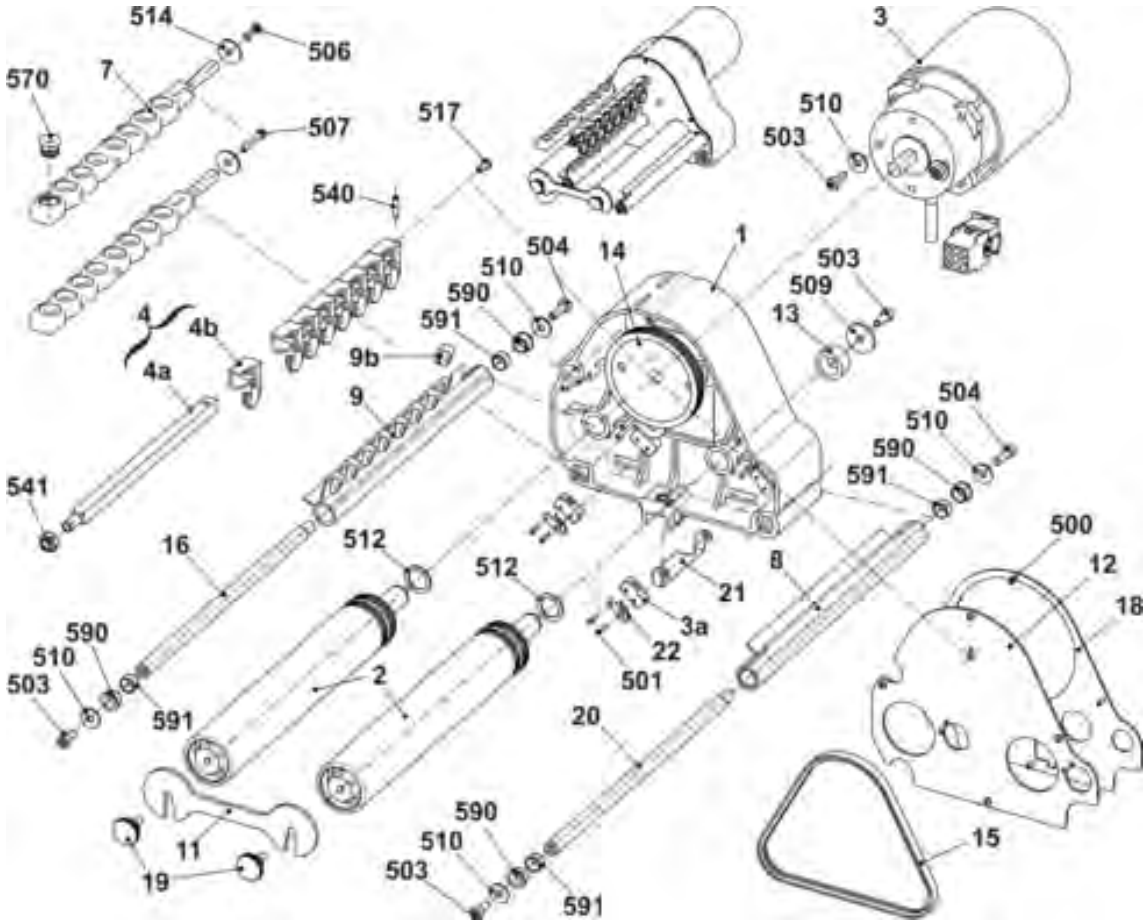
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571	14	V-ribbed belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase AC motor complete		219 800	18	Cover		230 758
	3a	Microswitch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



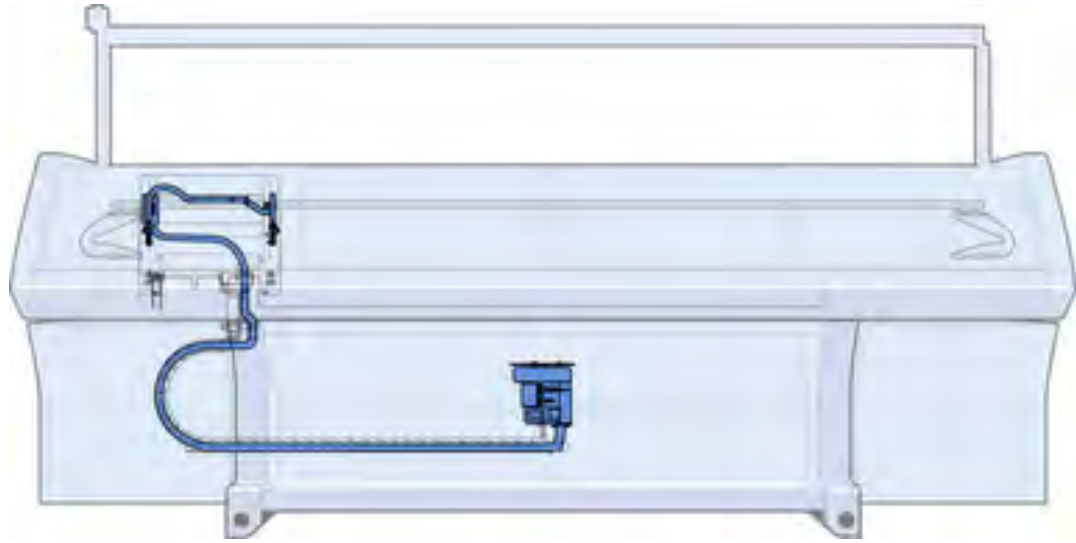
9.8 Friction feed wheel on the left and on the right complete

9.8.2 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					

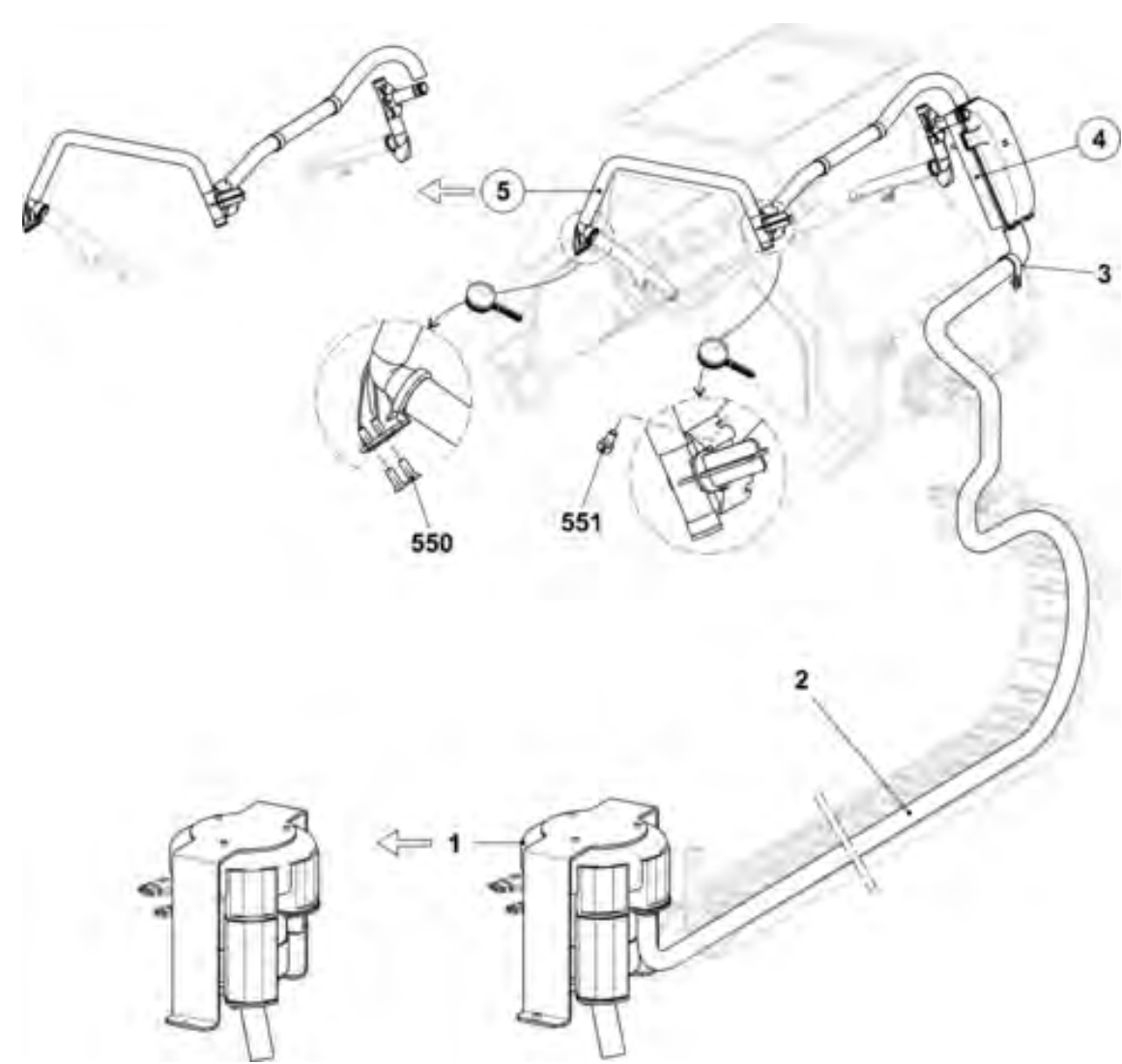


10 Fluff absorption



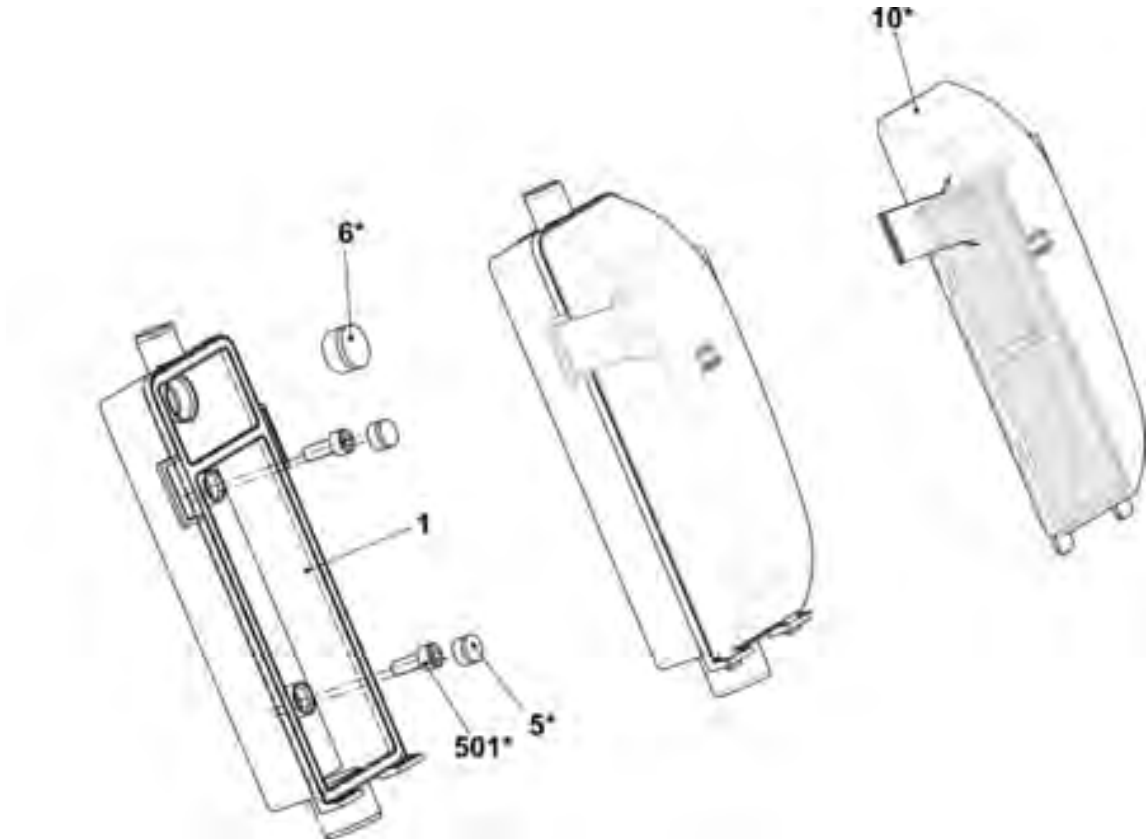
10.1 Fluff absorption

Pos	Designation	ID		Pos	Designation	ID
Σ	Fluff absorption					
1	Suction fan complete	251 332		5	Set of hose complete	251 342
2	Suction hose 29x25x3350	251 328		550	Countersunk head screw M4x12	023 062
3	Hose clip	214 653		551	Cap screw M4x8	022 501
4	Lint container	245 024				



10.2 Lint container

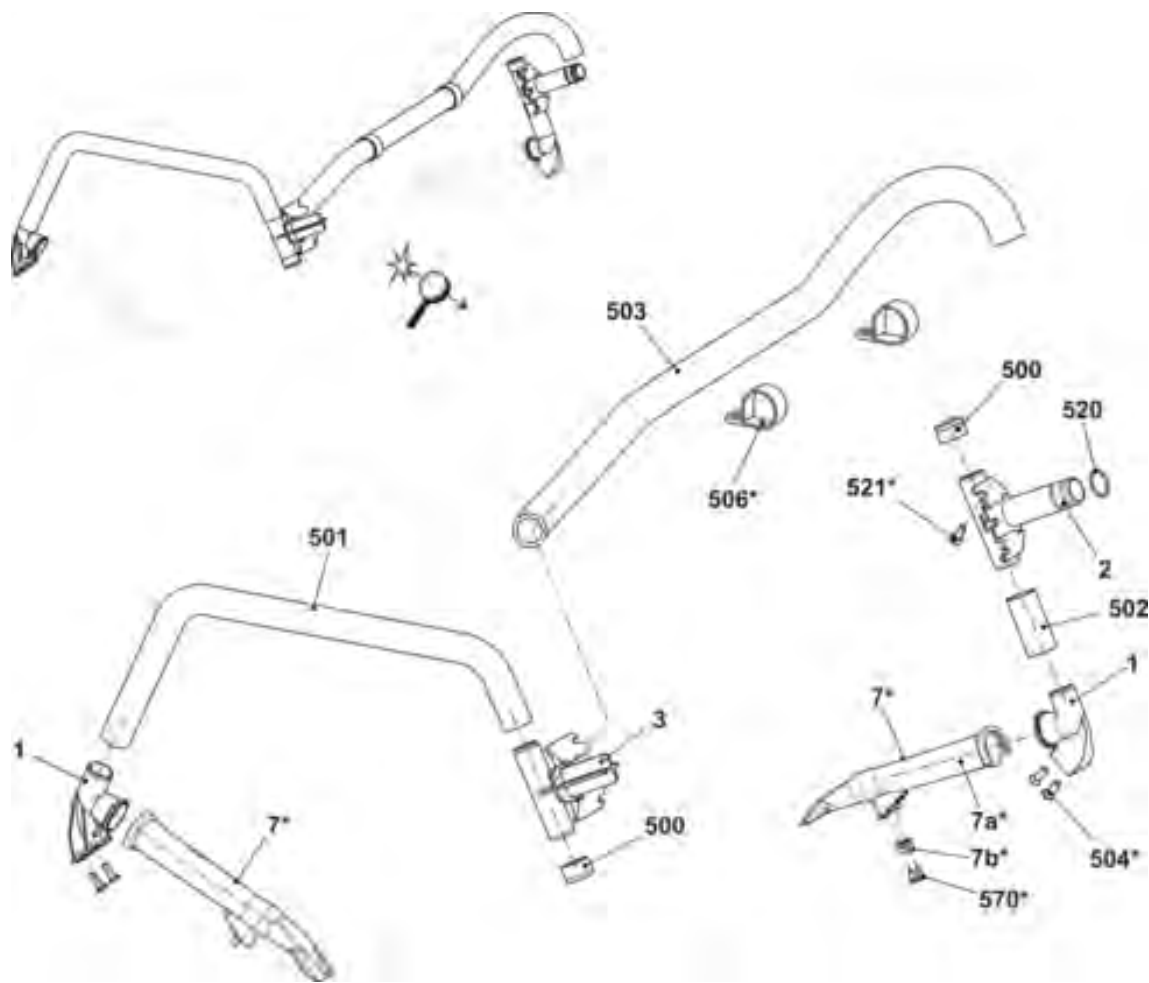
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screw M6x10	023 690



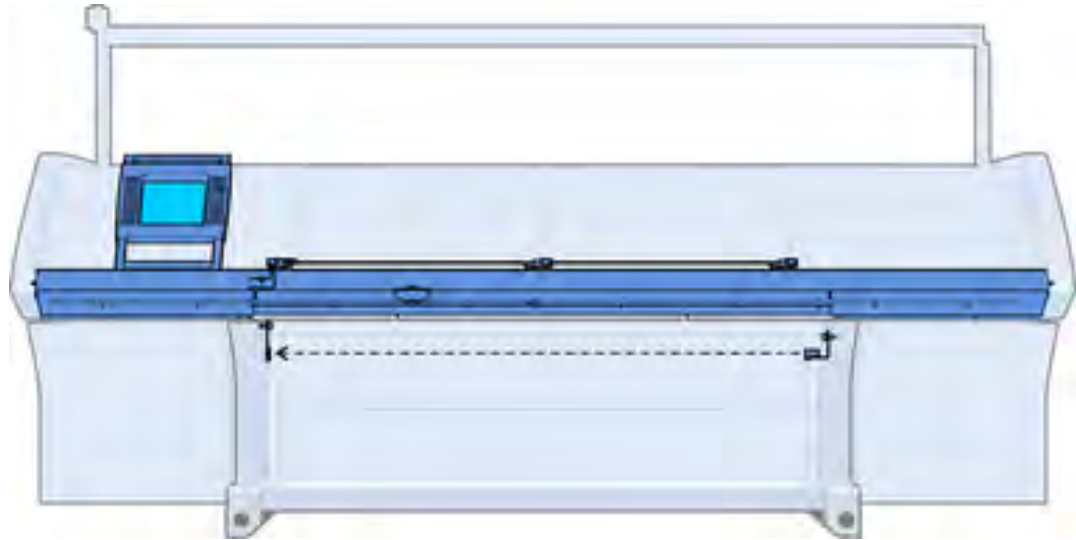
10.3 Set of hose

10.3 Set of hose

Pos	Designation		ID		Pos	Designation		ID
Σ	Set of hose complete 530T/730T		251 342			7b*	Bracket	255 628
1	Angle connection on the right		250 121			570*	Screw KB30x6	241 424
2	T-piece FLENT		245 021		500	Sealing plug		245 029
	520	O-ring 15x1,5	250 054		501	Suction hose 20x16x400		244 983
	521*	Cap screw M4x8	022 501		502	Suction hose 20x16x40		251 043
3	Connection piece FLENT		245 022		503	Suction hose 20x16x570		251 044
7*	Suction tube complete 530T/730T		251 314		504*	Countersunk head screw M4x12		023 062
	7a*	Suction tube	255 606		506*	Cable clip		250 051



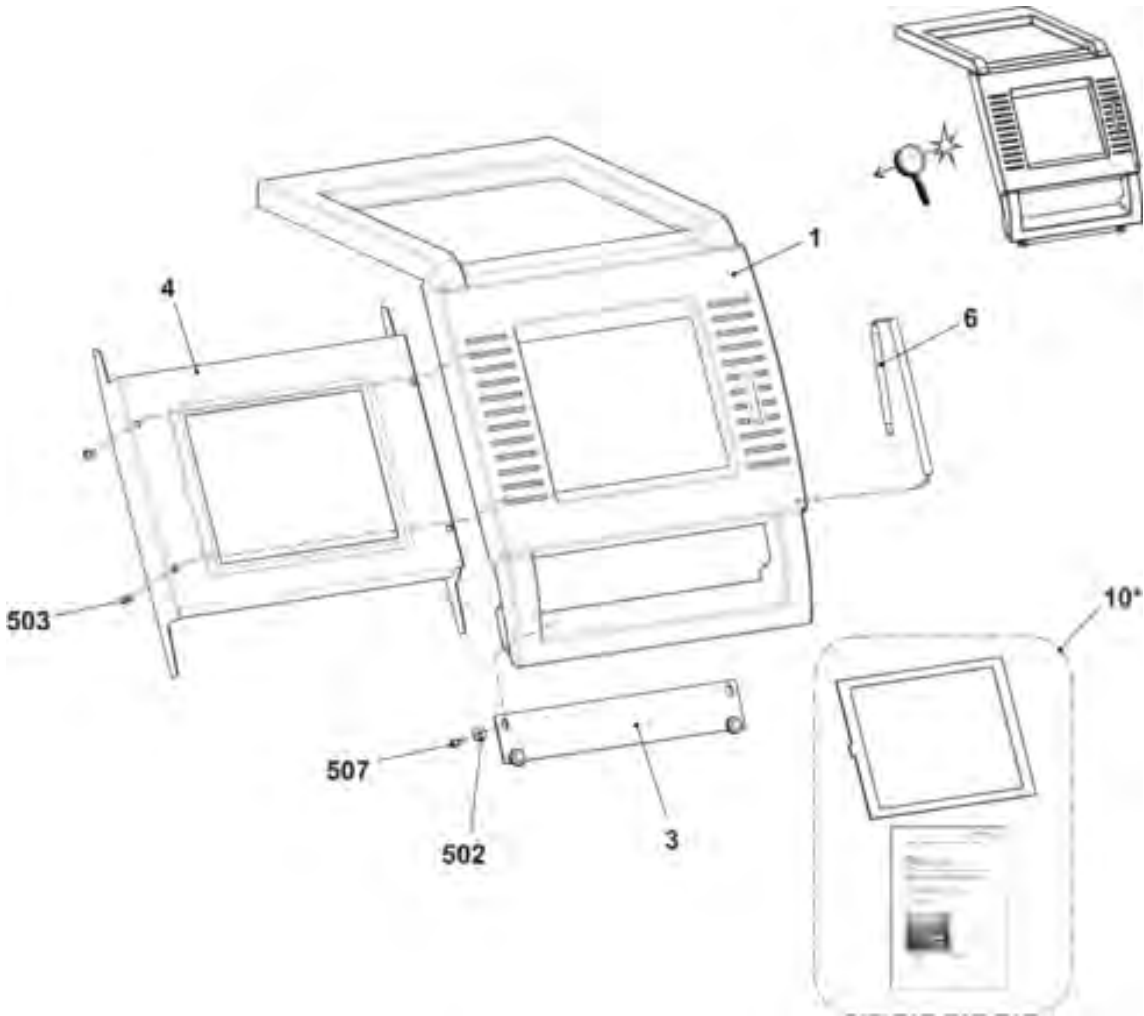
11 Operation and control



11.1 Input unit

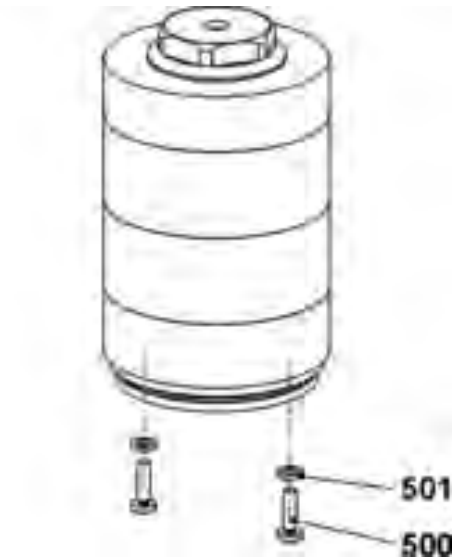
11.1 Input unit

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 Signal light

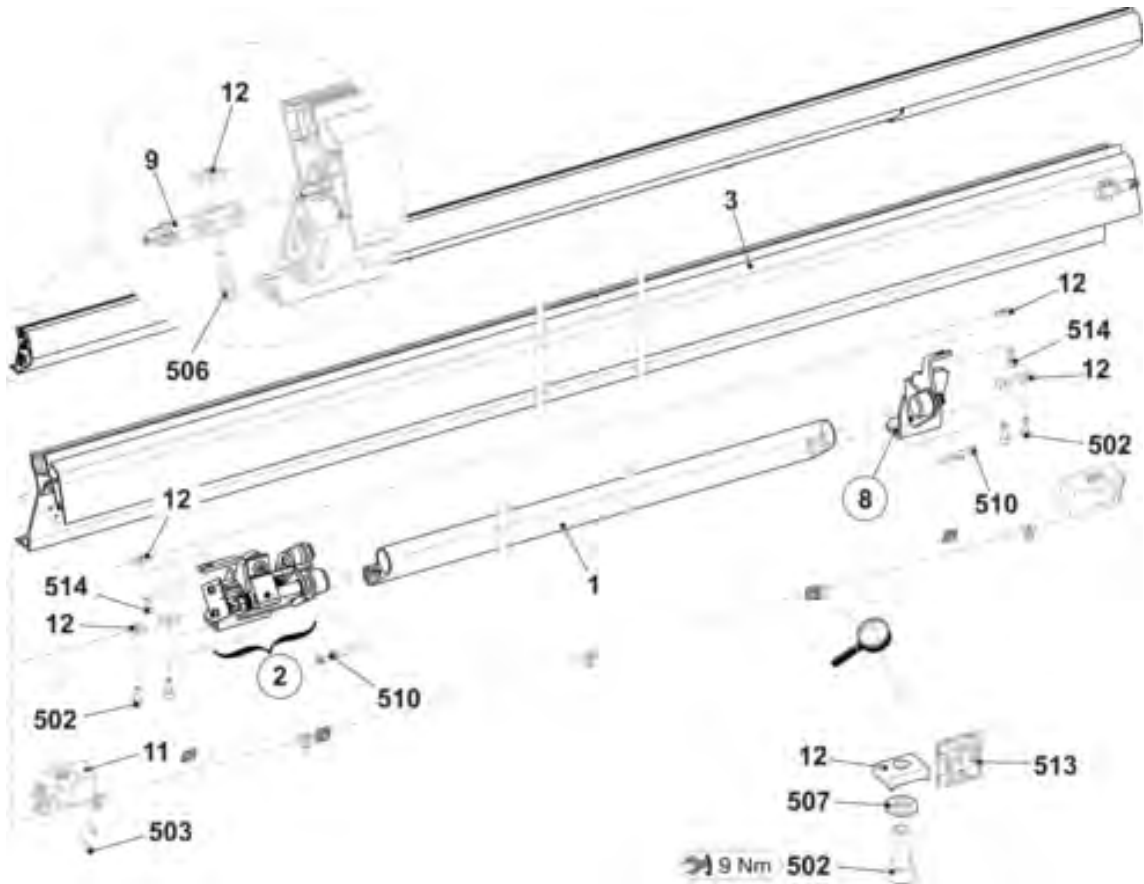
Pos	Designation		Id		Pos	Designation		Id
Σ	Signal light LED		240 395					
	500	Pan-head screw M4x14	023 037					
	501	Serrated lock washer A4,3-FS	022 482					



11.3 Starting device

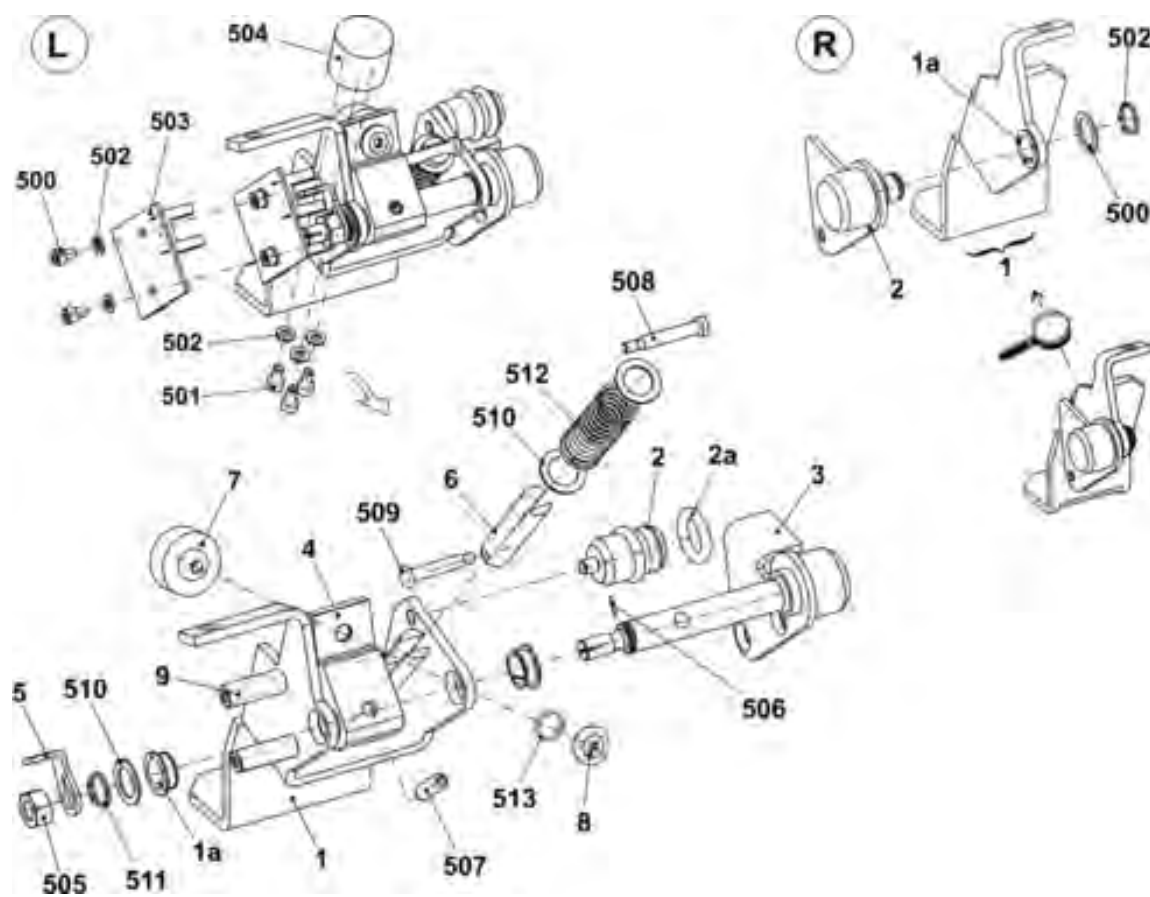
11.3 Starting device

Pos	Designation	Id		Pos	Designation	Id
Σ	Starting device	240 569				
1	Engaging rod	240 718		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	257 516		506	Cap screw M6x20-12.9	020 136
8	Bearing on the right complete	252 964		507	Washer	020 872
9	Locating bolt	219 107		510	Screw M6x25	023 510
11	Cable switch safety doors	223 350		513	Cable holder	262 037
12	Slot nut	225 099		514	Cap screw M6x10	023 690



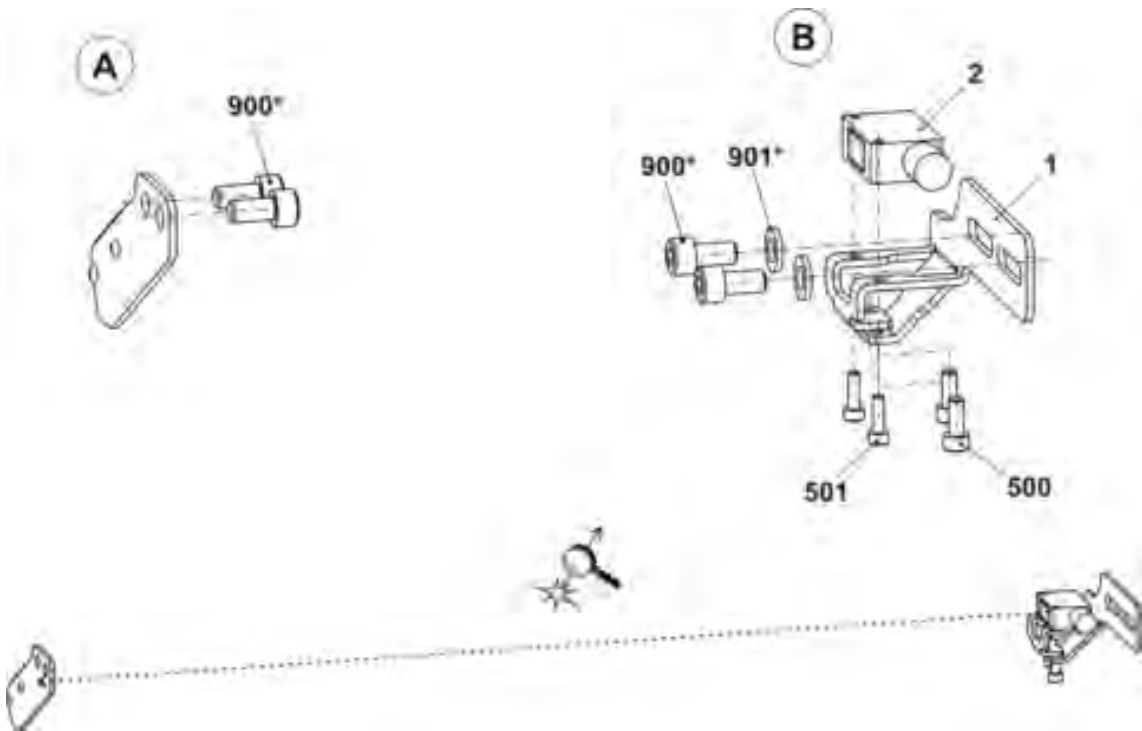
11.3.1 Bearing of the engaging rod

Pos	Designation	Id		Pos	Designation	Id
L	Bearing on the left complete	250 071				
1	Bearing on the left	245 218		505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM 12-04	023 639		506	Dowel pin 1,5x8	236 923
2	Support of buffer	220 561		507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237		508	Shoulder screw M4x24,8x7,7	240 299
3	Shaft on the left	245 219		509	Shoulder screw	251 316
4	Rotor	253 776		510	Shim ring 12x18x1	023 315
5	Switch flag	245 220		511	Locking ring12x1	020 951
6	Spring mandrel	251 340		512	Compression spring 1,25x15x98,2	023 609
7	Disk	245 222		513	Compression spring 0,5x11x12	251 369
8	Shoulder screw	254 528				
9	Distance bolt	240 287		R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067		1	Bearing on the right	240 230
501	Cap screwM4x8	022 501		1a	Clip bearing MCM 12-04	023 639
502	Shim ring 4x8x1	023 369		2	Shaft on the right	242 888
503	Card engaging	259 000		500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233		502	Locking ring12x1	020 951



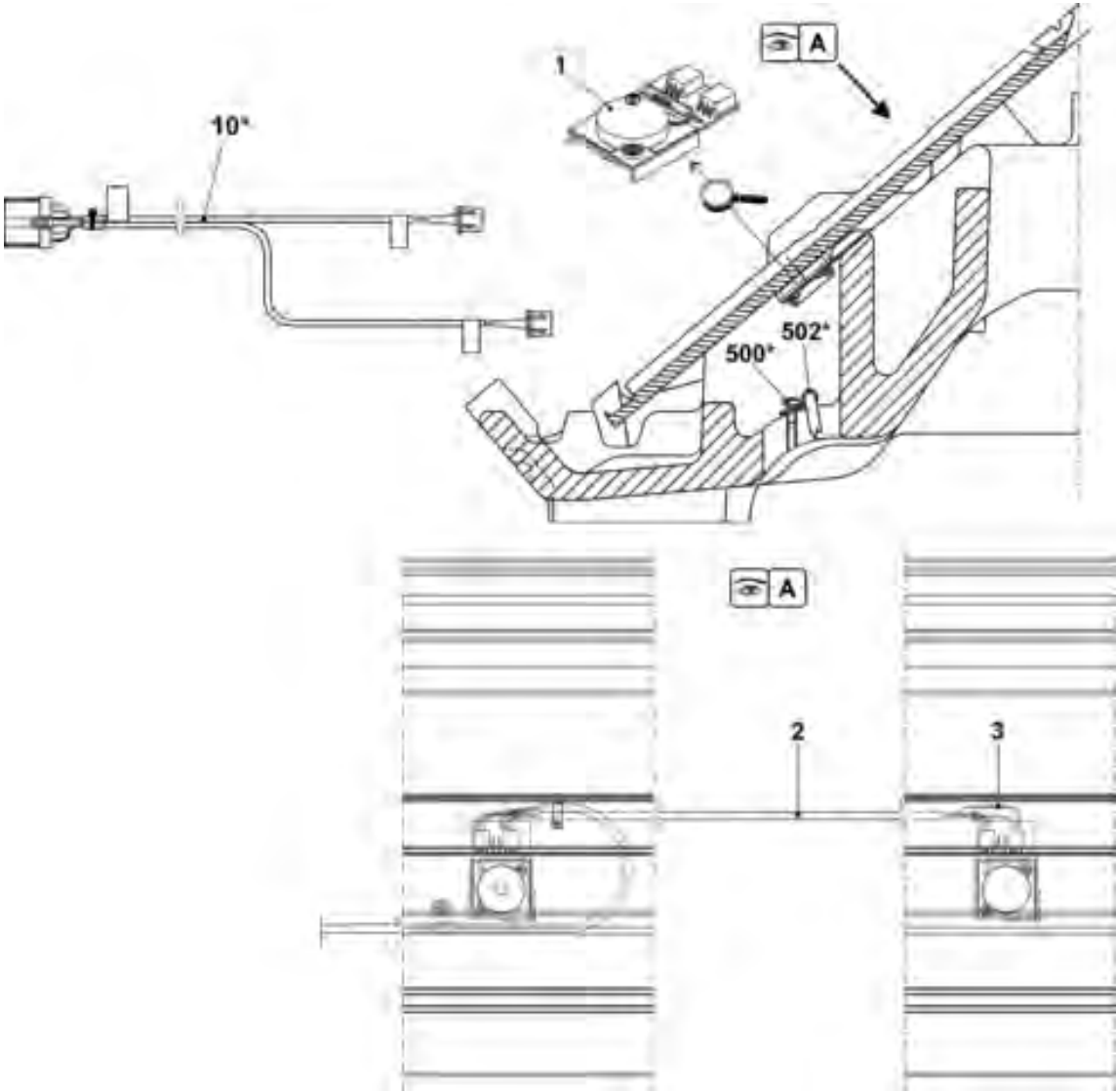
11.4 Collecting area - control

Pos	Designation	Id		Pos	Designation	Id
A	Reflector complete	256 826		B	Holding angle light barrier	257 409
900*	Cap screw M6x12	020 134		1	Holding angle	256 806
				2	Light barrier	243 355
				500	Cap screw M4x10	023 136
				501	Cap screw M3x10	022 991
				900*	Cap screw M6x12	020 134
				901*	Washer	020 872



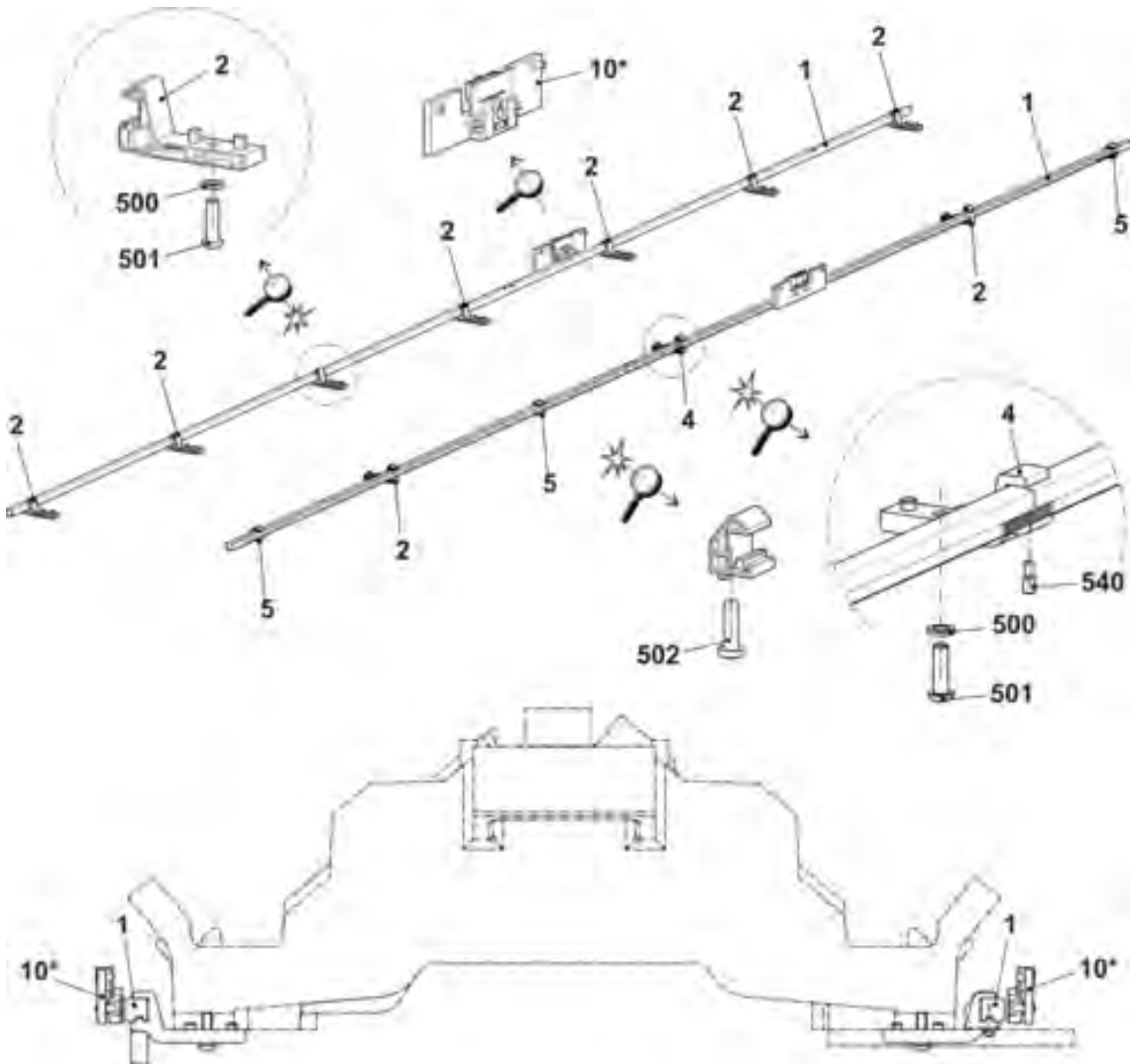
11.5 Shock stop motion

Pos	Designation	ID		Pos	Designation	ID
Σ	Shock stop motion complete	223 947				
1	Shock stop motion (Piezo)	220 011		10*	Cable piezo NB OKC	240 518
2	Connecting cable piezo sensor	220 061		500*	Pan-head screw M4x8	023 036
3	End plug piezo sensor	220 053		502*	Cable clip N-3B, 5 mm	210 729

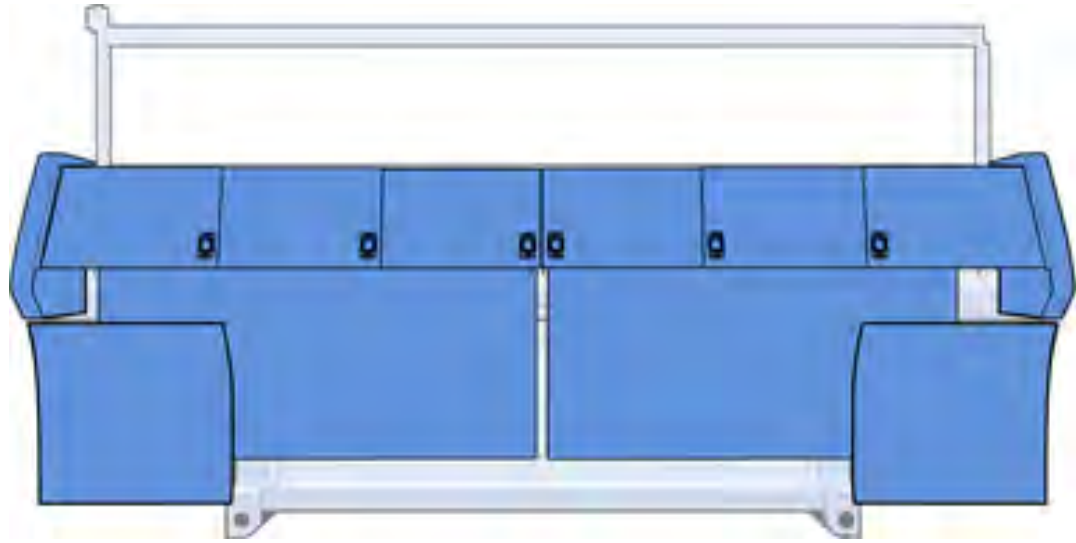


11.6 Measuring device

Pos	Designation		Id		Pos	Designation		Id
Σ	Measuring device				5	Guide exterior		251 605
1	Measuring bar		258 301		10*	Spare parts package impulse sensor GLM		259 613
2	Guide		251 676		500	Washer		020 881
4	Guide		240 672		501	Pan-head screw		241 603
	540	Setscrew	230 803		502	Screw 60x20		243 625



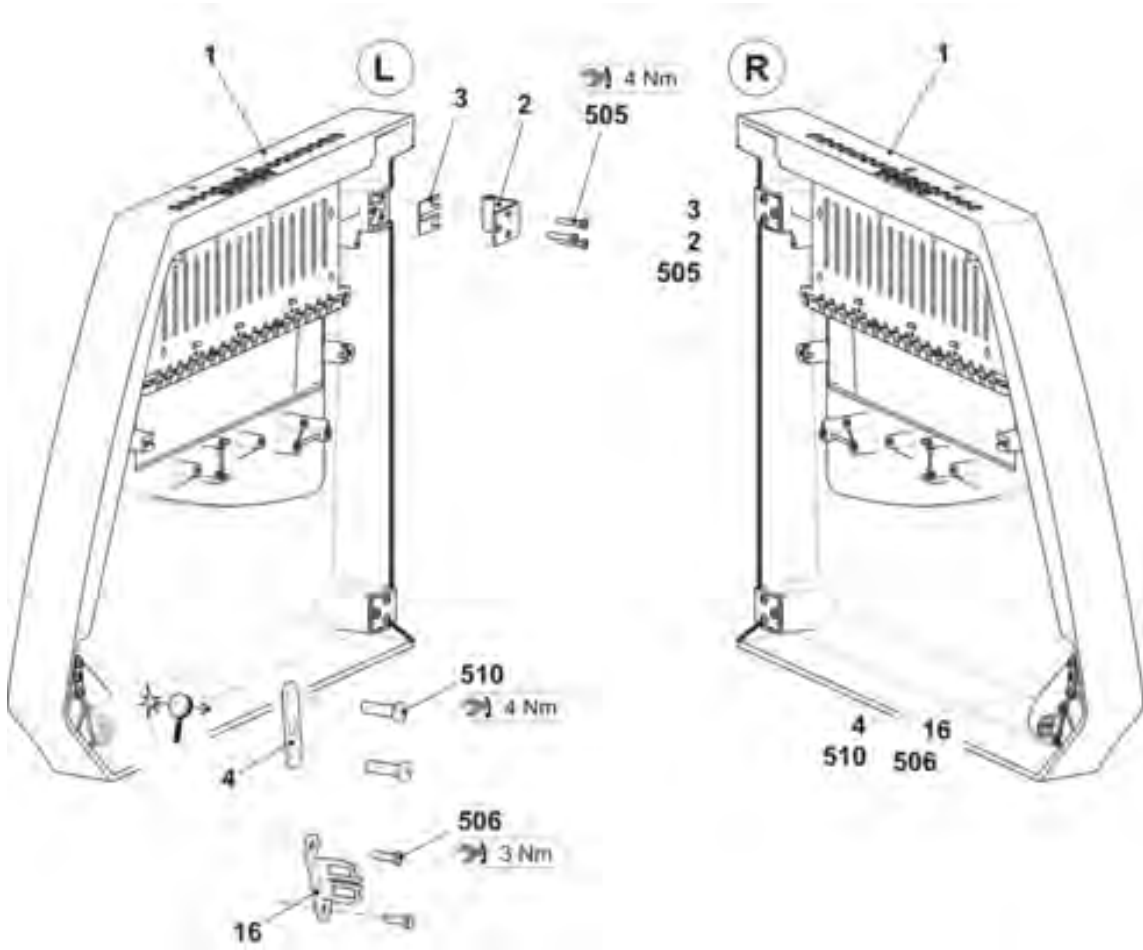
12 Protective device



12.1 Lateral safety doors

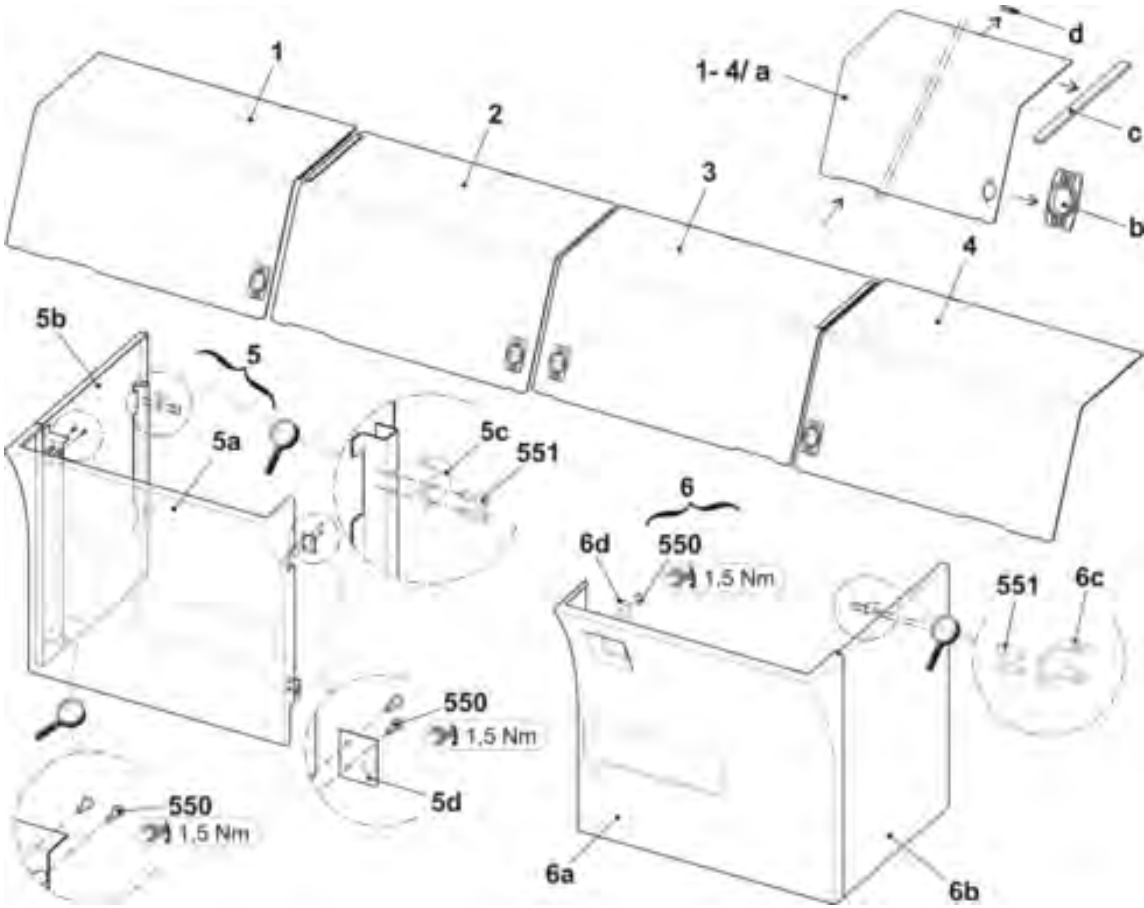
12.1 Lateral safety doors

Pos	Designation	ID		Pos	Designation	ID
Σ	Left safety door			Σ	Right safety door	
	E3 , E6.2	241 272			E3 , E6.2	241 275
	E3 , E7.2 E6.2(12) E7.2(14)	241 273			E3 , E7.2 E6.2(12) E7.2(14)	241 276
1	Safety door on the left	250 562		1	Safety door on the right	250 563
2	Hinge	241 994		505	Screw KB 60x30	237 683
3	Plate	224 717		510	Screw KB 60x20	237 682
4	Locking plate	219 748				



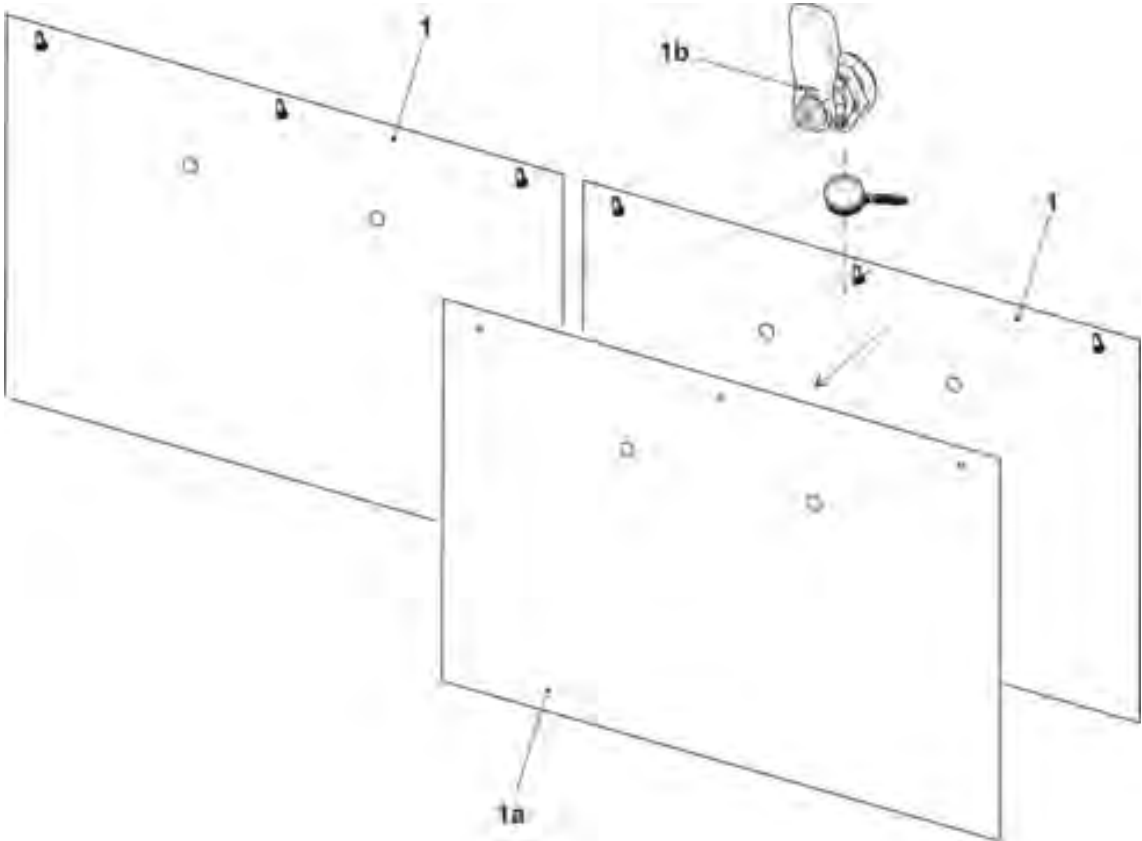
12.2 Panelling

Pos	Designation		Id	Pos	Designation		Id
1	Cover 1 (complete)		257 511	3	Cover 3 (complete)		257 513
	1a	Cover 1	257 503		3a	Cover 3	257 505
	1b	Inlet type handle	251 376		3b	Inlet type handle	251 376
	1c	Stripper	219 393		3c	Stripper	219 393
	1d	Magnet	204 666		3d	Magnet	204 666
2	Cover 2 (complete)		257 512	4	Cover 4 (complete)		257 514
	2a	Cover 2	257 504		4a	Cover 4	257 506
	2b	Inlet type handle	251 376		4b	Inlet type handle	251 376
	2c	Stripper	219 393		4c	Stripper	219 393
	2d	Magnet	204 666		4d	Magnet	204 666
5	Control unit panelling on the left complete		251 235	6	Control unit panelling on the right complete		251 236
	5a	Control unit panelling on the left	251 188		6a	Control unit panelling on the right	251 189
	5b	Side part	244 989		6b	Side part	244 989
	5c	Hinge	250 273		6c	Hinge	250 273
	5d	Bracket	240 412		6d	Bracket	240 412
	550	Screw KB 50x12	240 359		550	Screw KB 50x12	240 359
	551	Cap screw M6x16	020 135		551	Cap screw M6x16	020 135

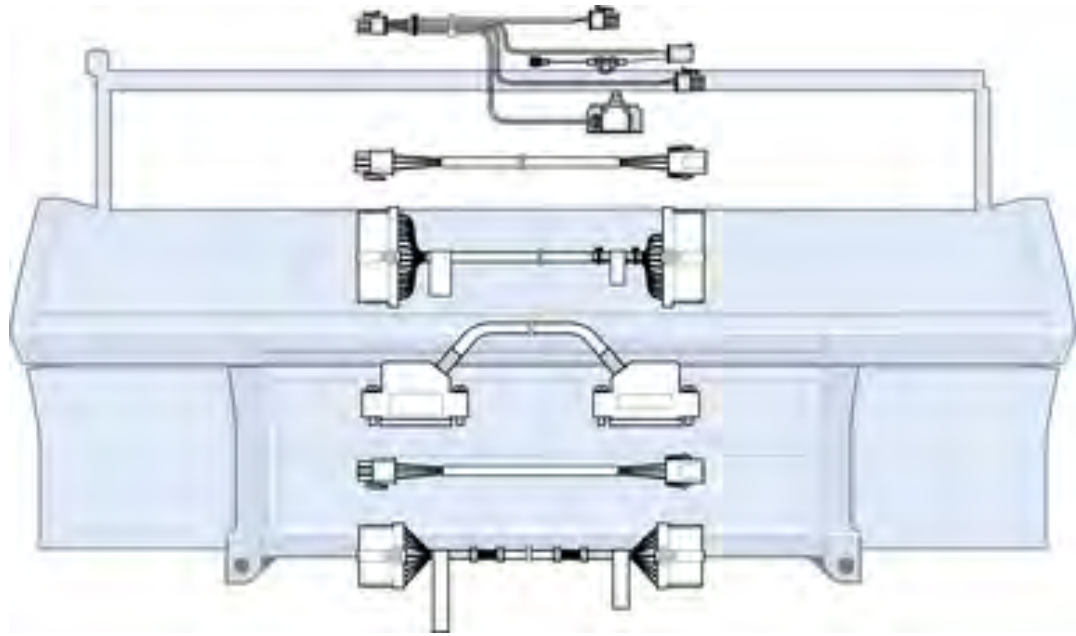


12.3 Rear panel

Pos	Designation	ID No.		Pos	Designation	ID No.
1	Panelling at the rear complete	251 569		A1	Panelling	251 568
				1b	Safety sash fastener	243 052



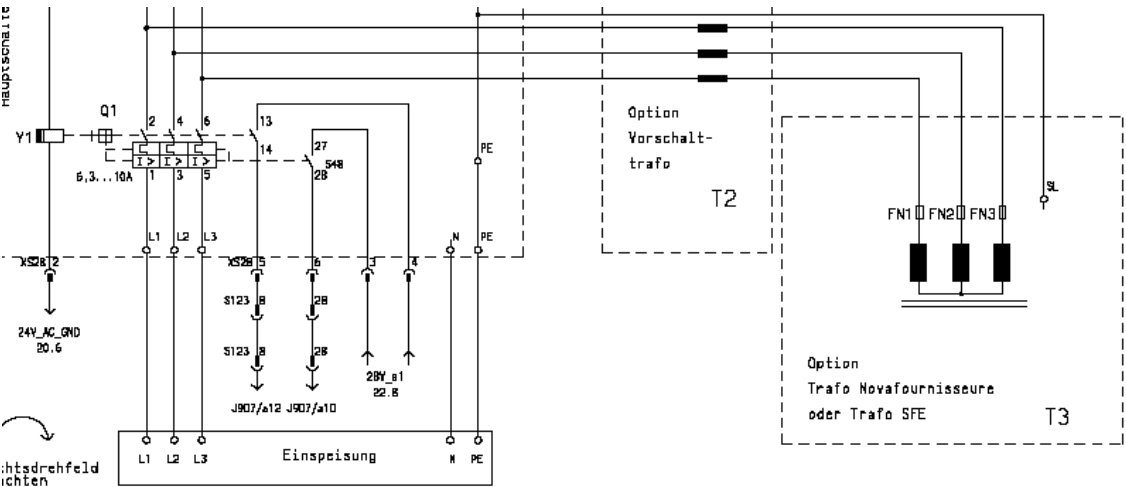
13 Electrical equipment



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

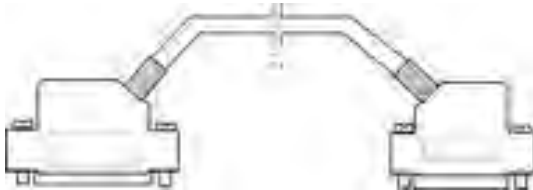
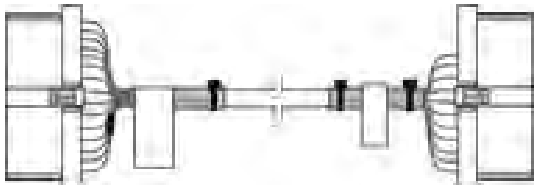
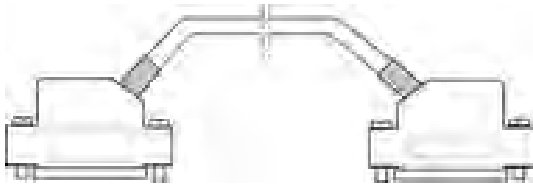
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



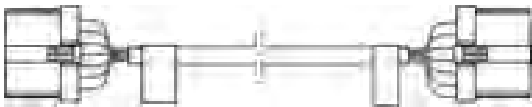
13.2 Fuses

	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

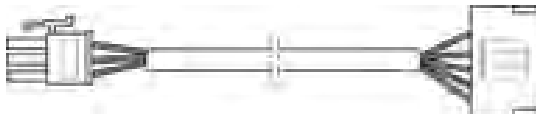
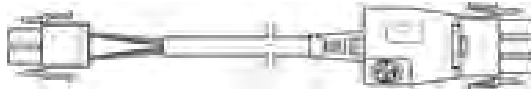
13.3 Trailing cable

Designation	ID		Designation	ID	
Trailing cable set okc 730-T 2IMP-2	259 301				
Cable impulse sensor 2 at the rear XL136 730S OKC3	259 361		Cable SM at the rear XL325 730T OKC	243 567	
Cable impulse sensor 2 at the front XL137 730S OKC3	259 362		Cable SM at the front XL327 730T OKC	243 569	
					
Cable yarn carrier 730S OKC	241 836		Cable signal at the rear XL326 730T OKC	243 568	
			Cable signal at the front XL328 730T OKC	243 570	
					

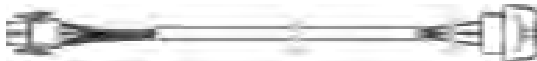
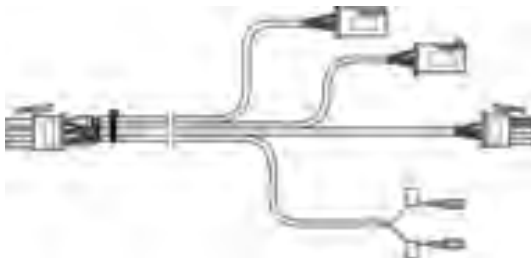
13.4 Loom of cables base 1

Designation	ID		Designation	ID	
Loom of cables base 1 OKC	240 256				
Cable Engaging rod OKC 3XX	240 289		Cable supply FKE lamp OKC	240 290	
					
Cable protective device on the left OKC	253 442				
					

13.5 Loom of cables base 2

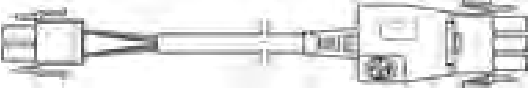
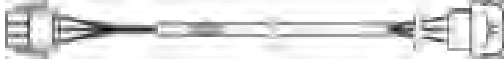
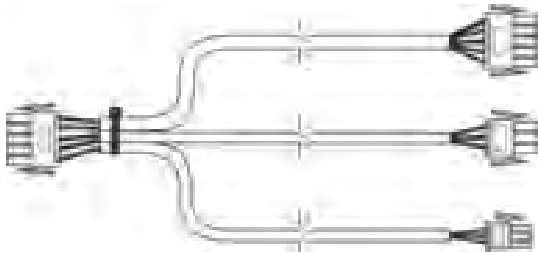
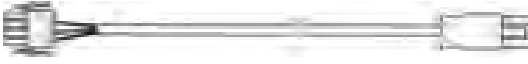
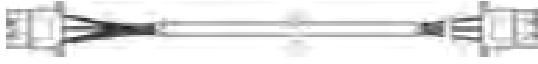
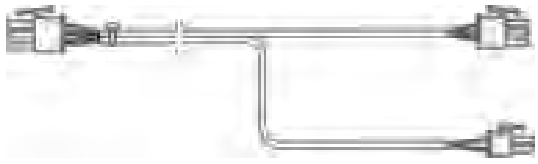
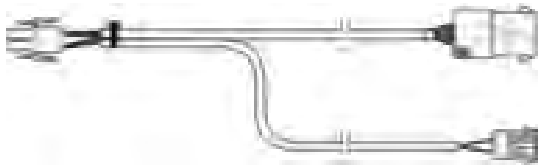
Designation	ID		Designation	ID	
Loom of cables base 2 OKC	240 257				
Cable motor HAAB OKC	240 291		Cable racking limit switch OKC	240 292	
					
Cable fan drive OKC	240 293		Cable Feed wheel on the right OKC	240 294	
					
Cable drive motor OKC	240 295		Cable resolver drive OKC	240 296	
Cable racking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

13.6 Loom of cables comb

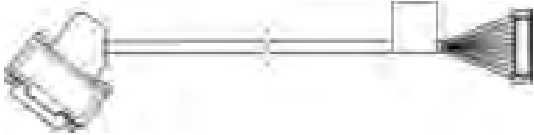
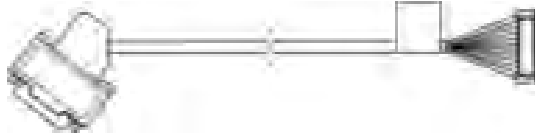
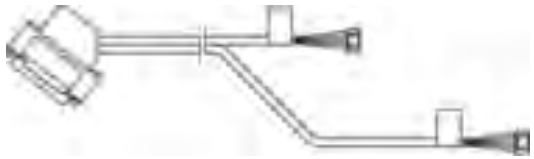
Designation	Id		Designation	Id	
Loom of cables comb OKC	240 259				
Cable motor comb hookOKC	240 308		Cable switch KAHA OKC	240 309	
					
Cable motor combOKC	240 310		Cable switch comb OKC	240 311	
					
Cable switch HAAB OKC	240 312				
					

13.7 Loom of cables 72"

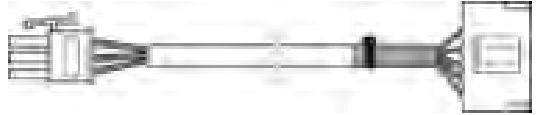
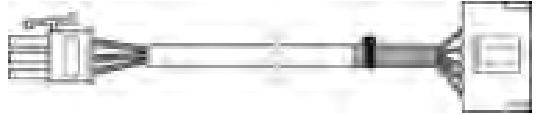
13.7 Loom of cables 72"

Designation	Id	Designation	Id
Loom of cables 72"	240 588		
Cable CAN 72"	240 460	Cable Electro 72"	240 462
			
Cable Feed wheel on the left 72"	240 465	Cable motor HIAB 72"	240 590
			
Cable switch HIAB 72"	240 591	Cable power supply lighting WAZ/F 72\" OKC	240 470
			
Cable power supply servo 72"	240 503	Cable power supply unit of mains supply	236 573
			
Cable power supply lighting 72\" OKC	240 506	Cable motor HAAB OEF/S 72\" OKC	240 610
			
Cable switch HAOS 72"	240 611	Cable switch HIAB pressure OKC	240 593
			
Cable motor HIAB pressure OKC	240 592	Cable power supply FLENT 72"	251 242
			

13.8 Loom of cables 730T/1

Pos	Designation	ID		Pos	Designation	ID
Σ	Loom of cables 730T/1 okc	243 271				
	Cable K/S clamping and cutting drive on the rightokc	240 613			Cable K/S Clamping and cutting drive on the left okc	240 612
						
	Cable K/S clamping and cutting sensors 72" okc	240 614			Cable piezo additional needle bed 730T okc	243 550
						

13.9 Loom of cables 730T/2

Pos	Designation	ID	Pos	Designation	ID
Σ	Loom of cables 730/2 OKC	243 272			
	Cable racking motor ZB at the rear 730T	243 544		Cable racking motor ZB front/right	243 547
					
	Cable resolver ZB at the rear	243 545		Cable resolver racking ZB front/right	243 548
					
	Cable racking limit switch ZB rear 730T	243 546		Cable racking limit switch ZB front/right	243 549
					

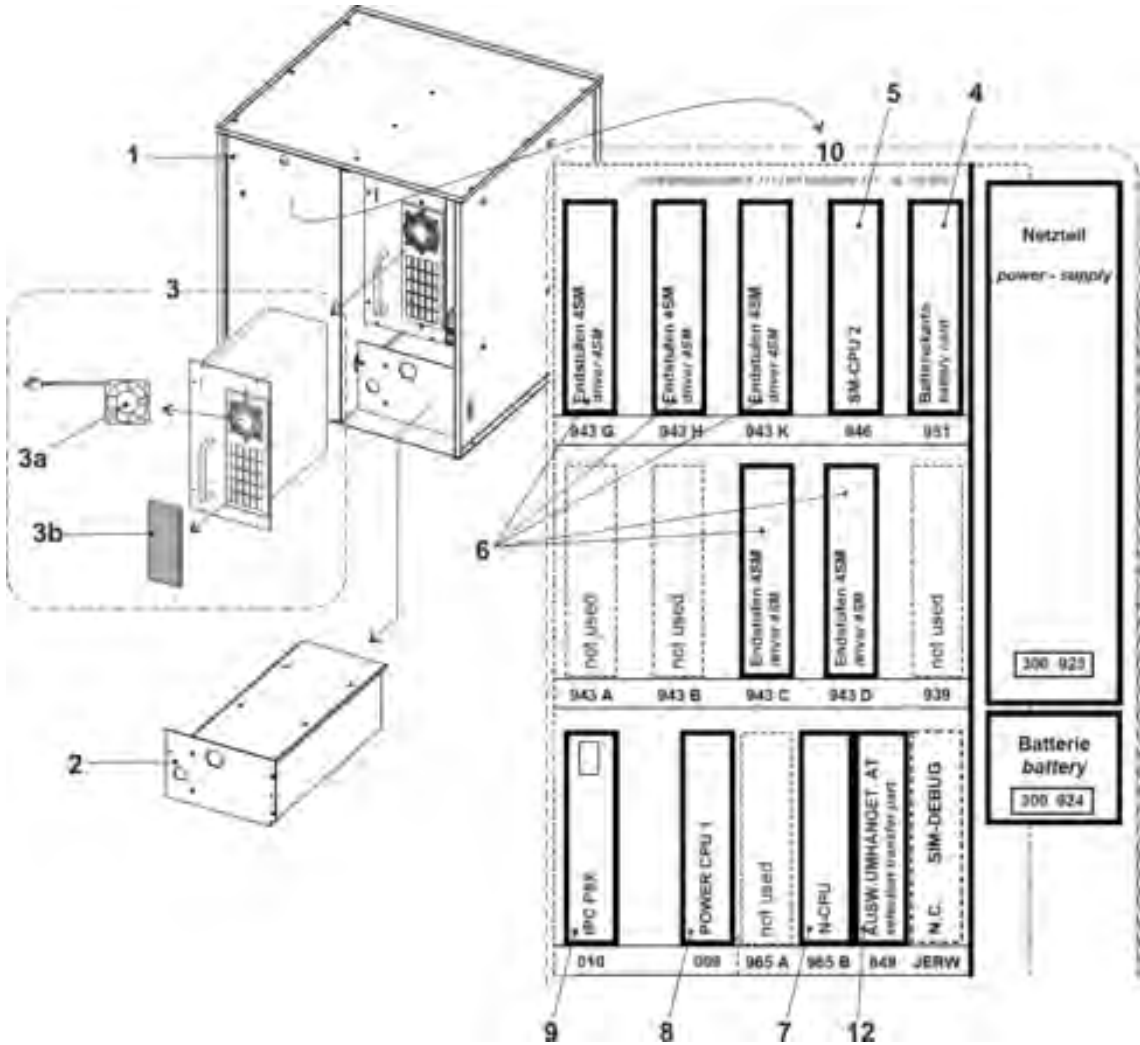
14 Control electronics



14.1 Left control cabinet

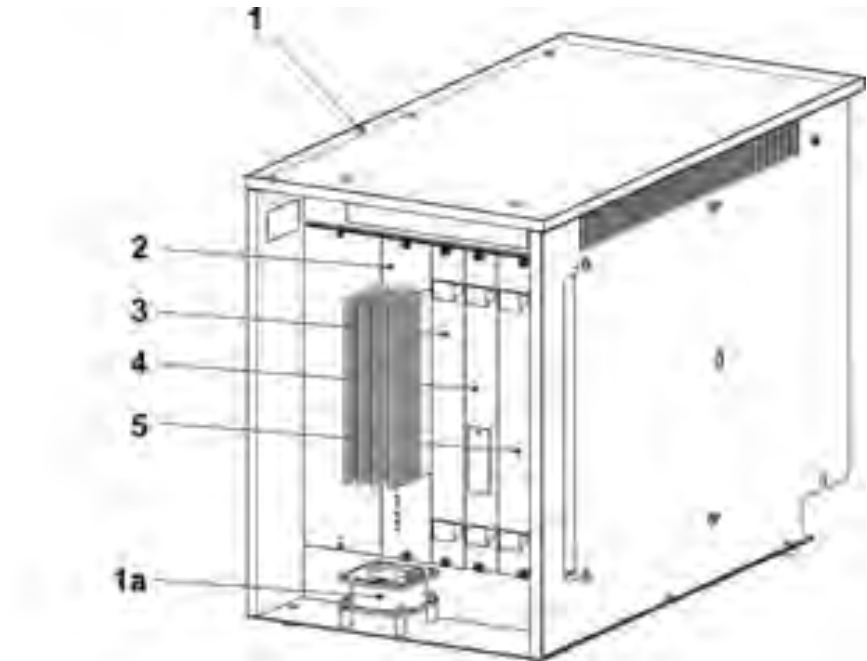
14.1 Left control cabinet

Pos	Designation	ID	Pos	Designation	ID
Σ	Control unit on the left complete730T okc	255 957	5	Card SM-CPU 2	300 946
1	Control unit on the left without equipmentokc	254 868	6	Card final stages 4SM 7TE	300 943
2	Battery plug-in unit	300 924	7	Card N-CPU 432	300 965
3	Power supply unit CG54	300 923	8	Card Power CPU1	301 009
	3a Fan power supply unit	239 305	9	Card IPC P8X okc	301 010
	3b Filter pad CG54	239 350	10	Adhesive label of card equipment	255 958
4	Card battery OKC	300 951	12	Card selection transfer part	300 849



14.2 Right control cabinet

Pos	Designation		ID		Pos	Designation	ID
Σ	Control unit on the right complete 730T PP		262 990				
1	Control unit on the right without equipment 730T PP		262 991		3	Card Relais okc	300 953
	1a	Axial flow fan Servo05	229 059		4	Card CWAZ	300 929
2	Card servo 6 okc		301 000		5	Card CWAZ Kondensator	300 936



14.2 Right control cabinet

Notes:

15 Deliverable accessories

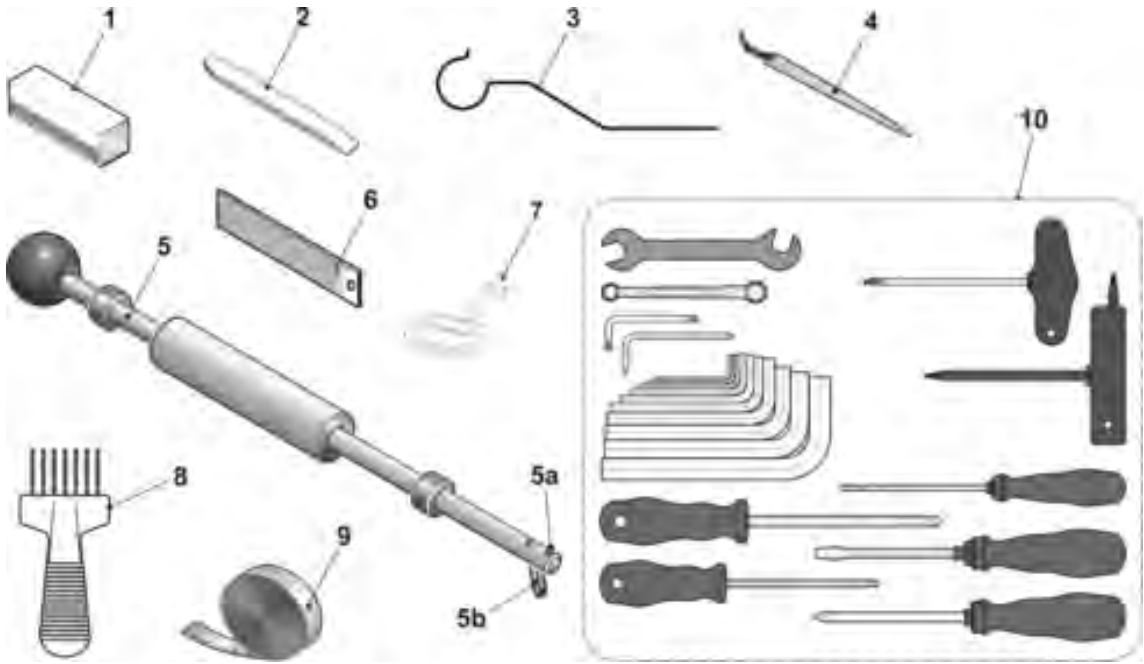


You can order the following tools, lubricants and expendables.
The following list does not correspond to the scope of delivery of the knitting machine.

15.1 Tool

15.1 Tool

Pos	Designation	Id	Pos	Designation	Id
1	Channel support E4	062 309	6	Groove file 1,33mm E3-4	006 169
	Channel support E5, E2,5.2	062 310		Groove file 1,25mm E5-8, E3,5.2	006 170
	Channel support E7, E3,5.2	062 312		Groove file 0,90mm E10-12, E5.2 6.2	006 175
	Channel support E8	062 313		Groove file 0,73mm E14, E7.2	006 173
	Channel support E10, E5.2	062 314		Groove file 0,45mm E16-18, E9.2	006 179
	Channel support E12, E6.2	062 315	7	Key of switch cabinet	009 346
	Channel support E14, E7.2	218 069	8	Groove cleaner E4	031 232
	Channel support E16, E8.2	230 188		Groove cleaner E5	031 233
	Channel support E18, E9.2	230 189		Groove cleaner E6	031 234
	Channel support E20	230 190		Groove cleaner E7, E3,5.2	031 235
2	Channel chisel E14-20 (E5-14)	062 316		Groove cleaner E8	031 236
	Channel chisel E4-8 (E3,5.2)	062 317		Groove cleaner E10 (E5.2)	031 238
	Channel chisel E10-14	062 318		Groove cleaner E12 (E6.2)	031 240
3	Yarn guide on the left	227 071		Groove cleaner E14 (E7.2)	031 242
	Yarn guide on the right	227 070		Groove cleaner E16	225 111
4	Working hook	227 249		Groove cleaner E18 (E9.2)	225 112
5	Extraction hook	232 027		Groove cleaner E20	225 113
	5a Small pin	202 843	9	Measuring tape L=150cm	228 180
	5b Pencil	232 022	10	Tool kit	209 527



15.2 Lubricating stuff

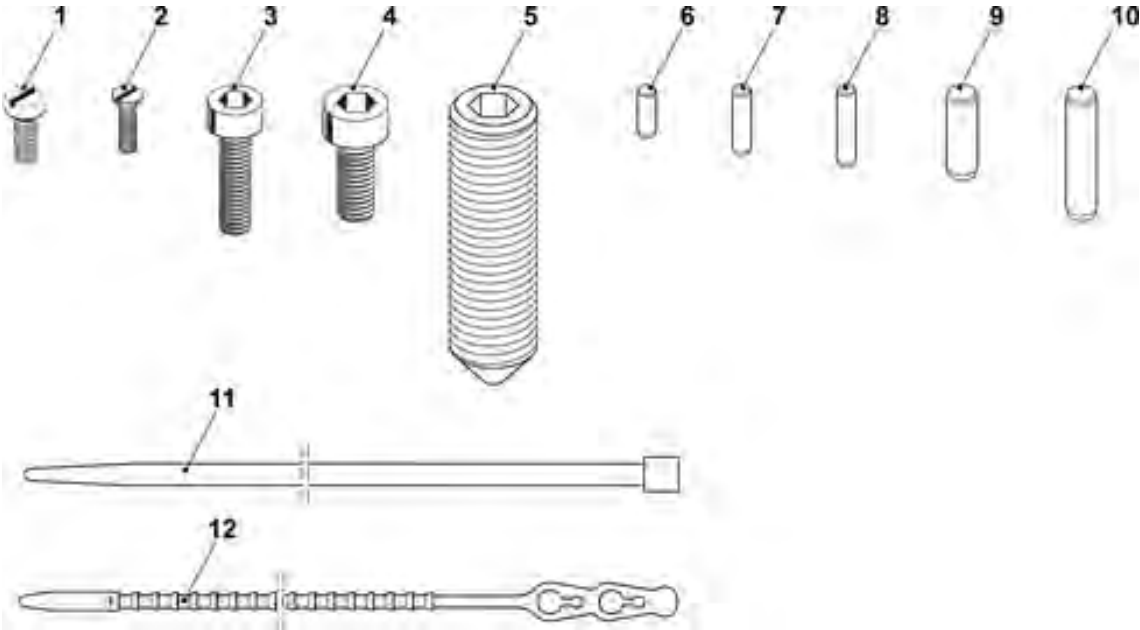
Pos	Designation	Id		Pos	Designation	Id
1	Silvertex T 46, 1l	230 614		4	Oil combifix	216 732
2	Grease OKS 475, 1kg	009 200		5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351		6	Grease Staburags NBU 12/300KP	231 191



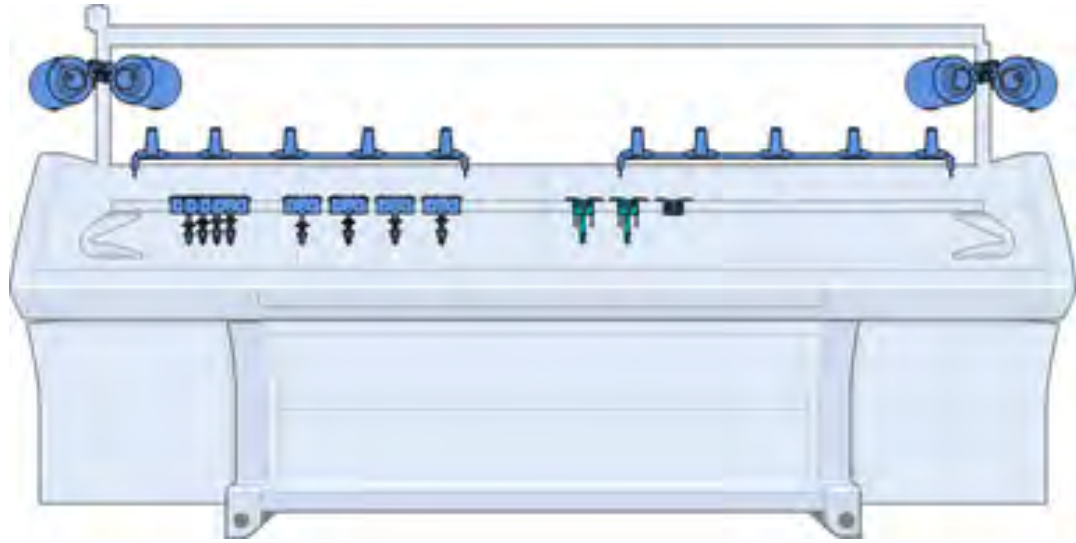
15.3 Mechanical parts

15.3 Mechanical parts

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



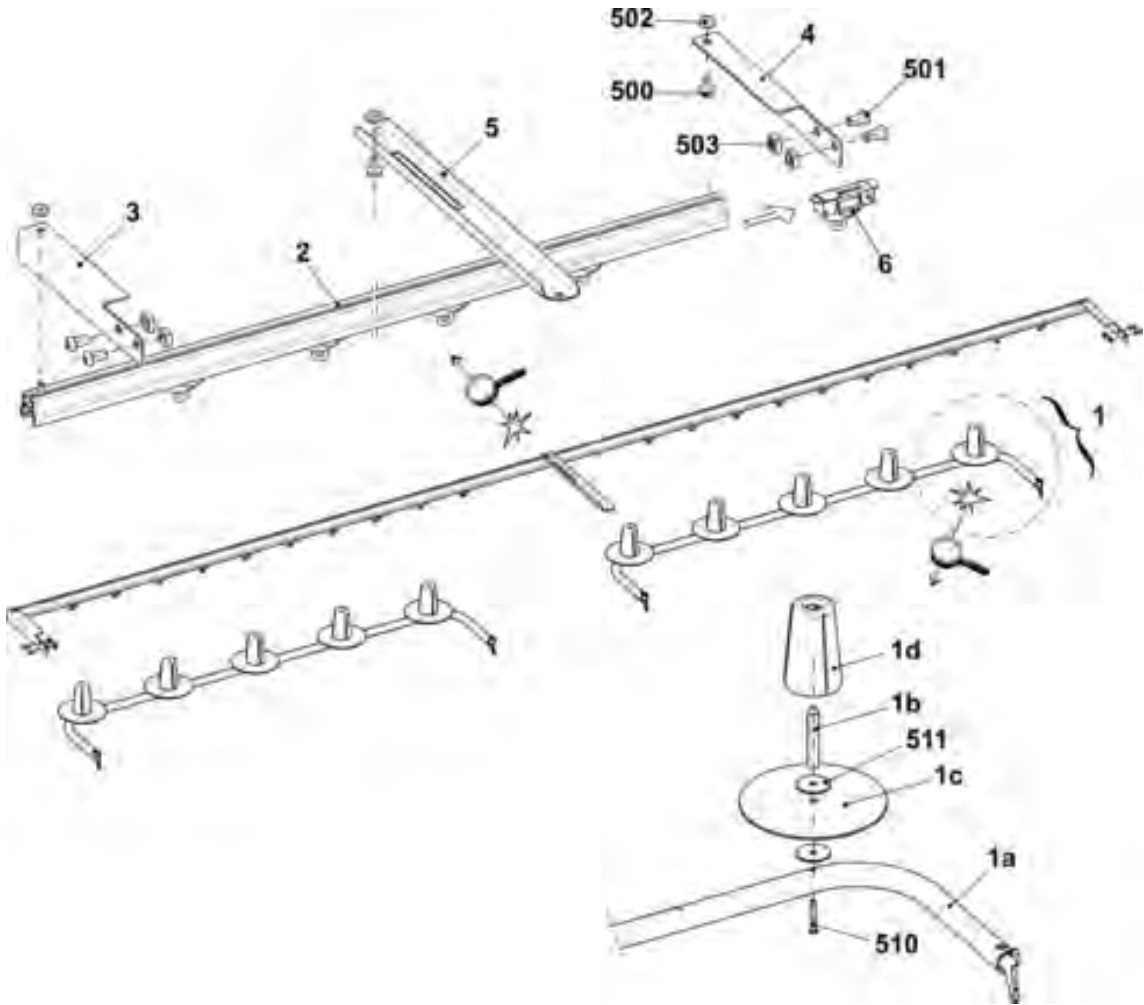
16 Special attachments



16.1 Additional board retrofit kit

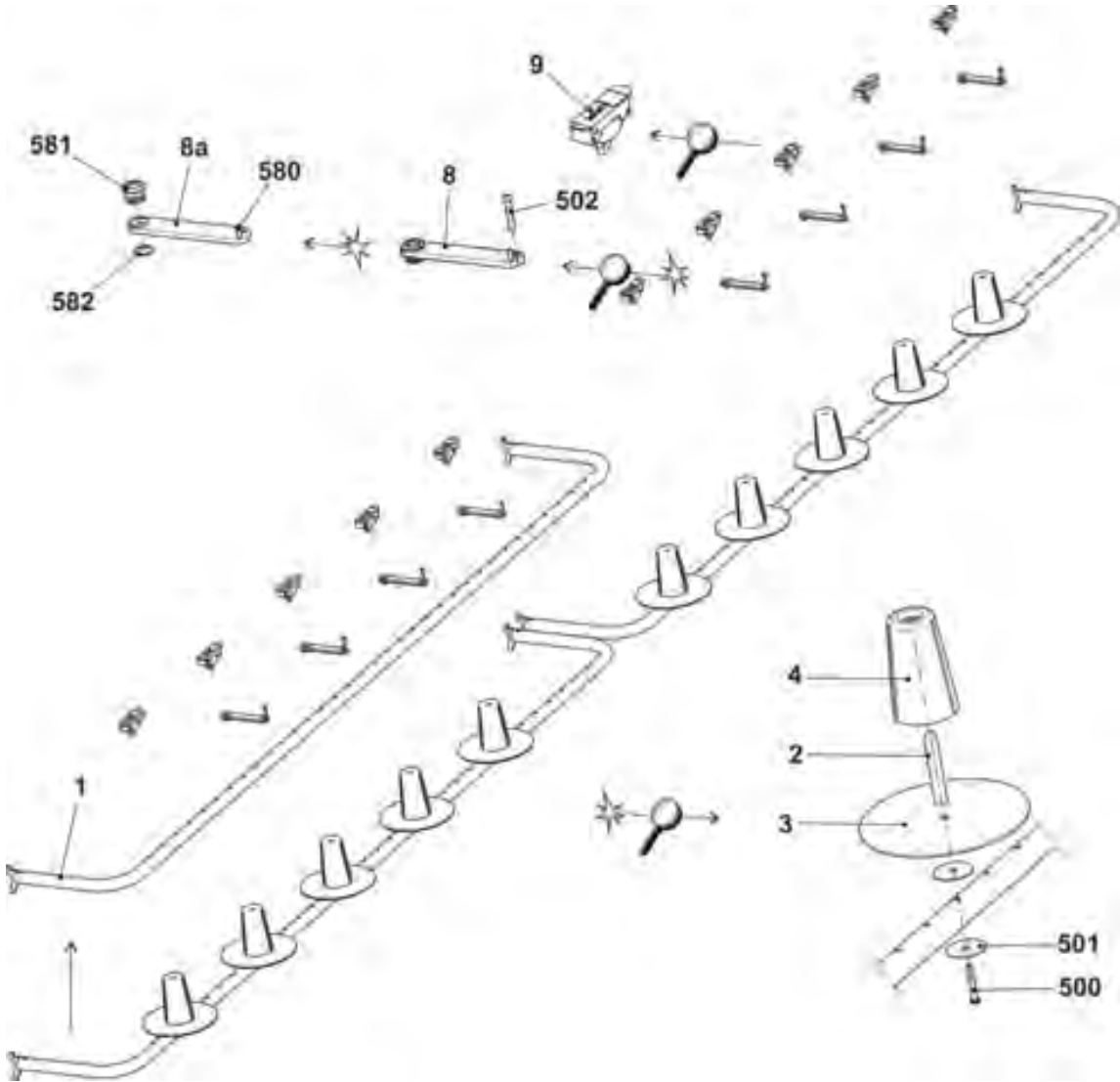
16.1 Additional board retrofit kit

Pos	Designation	Id	Pos	Designation	Id
Σ	Additional board retrofit kit	243 777			
1	Additional bobbin board 7XX/8XX	241 928	3	Support on the left	243 602
	1a Additional bobbin board welded	241 927	4	Support on the right	243 603
	1b Positioning pin	202 777	5	Support	239 295
	1c DiskD=130	062 385	6	Yarn guide bracket complete	241 581
	1d Bobbin support	200 363	500	Self-locking screw M6x12	023 415
	510 Pan-head screw M4x30	023 681	501	Pan-head screw M8x16	023 113
	511 Washer5,3x30x1,25	023 556	502	Serrated nut M6-10	023 414
2	Yarn guide bar72"	228 596	503	Square nut M8	023 269



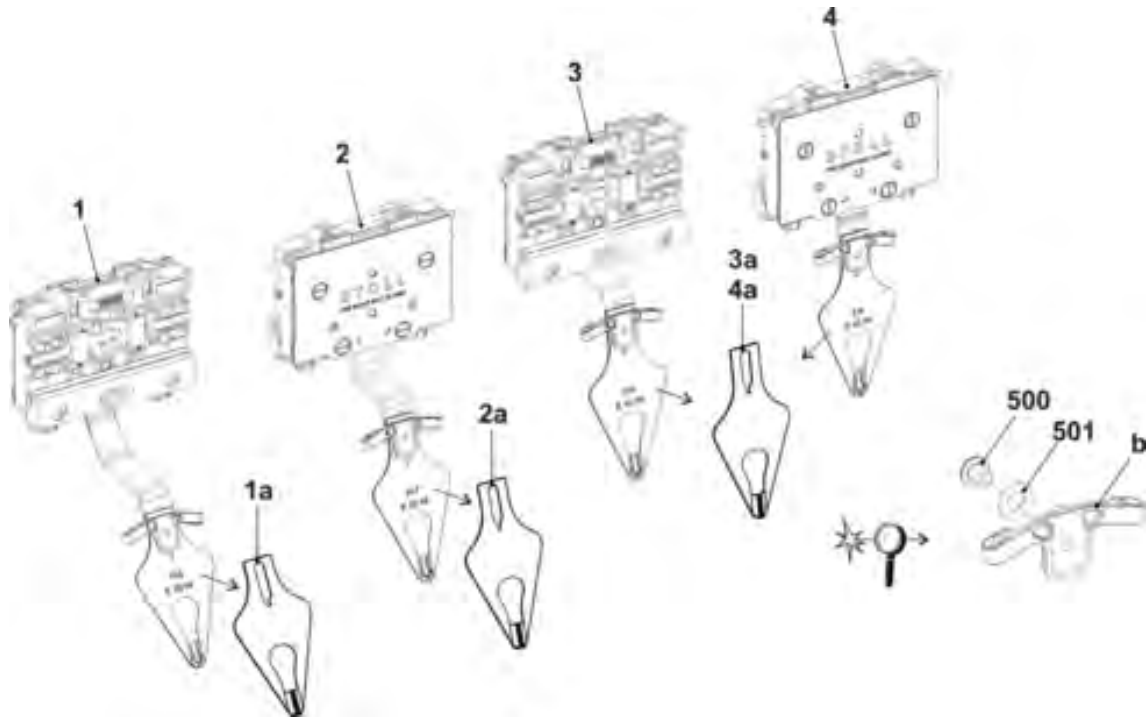
16.2 Additional board at the bottom

Pos	Designation	Id		Pos	Designation	Id	
Σ	Additional board7XX at the bottom	253 645		502	Pan-head screw M4x25	023 511	
1	Additional bobbin board welded	253 470		8	Yarn guide		243 765
2	Positioning pin	202 777			8a	Guide part	243 623
3	DiskD=130	062 385			580	Dowel pin 3x12	020 647
4	Bobbin support	200 363			581	Eyelet 8	021 504
500	Pan-head screw M4x30	023 681			582	Snap ring A12	020 996
501	Washer5,3x30x1,25	023 556		9	Yarn guide bracket complete		241 581



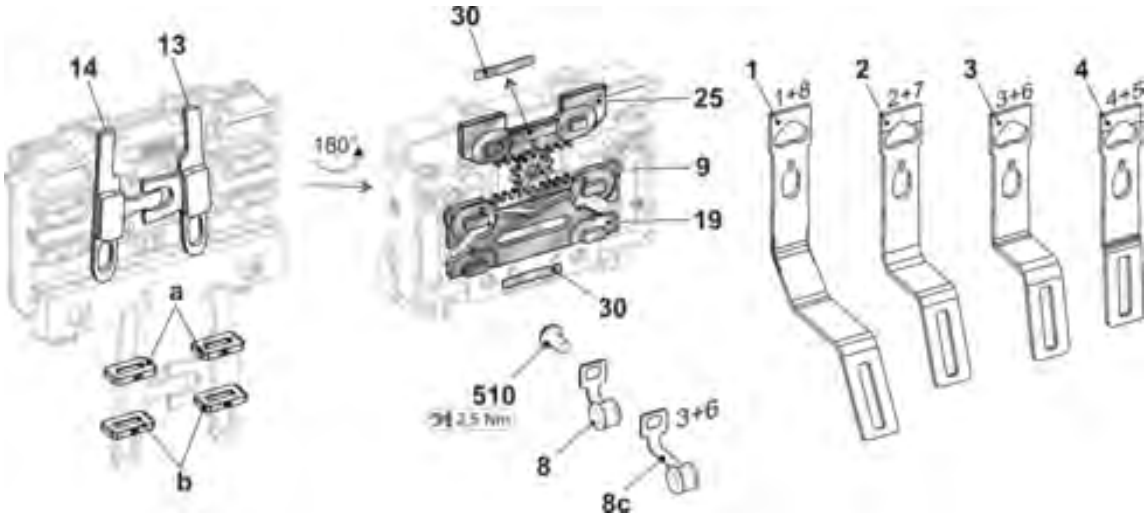
16.3 Intarsia yarn carrier type 2, Overview

Pos	Designation	Id		Pos	Designation	Id
1	IFF carriage complete1+8 E5	259 732		1a	YC head 1+8 completeE5	244 076
	IFF carriage complete1+8 E7-8	259 736			YC head 1+8 completeE7-8	244 082
	IFF carriage complete1+8 E10-14	259 740			YC head 1+8 completeE10-14	260 612
	IFF carriage complete1+8 E16-18	259 744			YC head 1+8 completeE16-18	261 516
2	IFF carriage complete 2+7 E5	259 733		2a	YC head 2+7 complete E5	244 077
	IFF carriage complete 2+7 E7-8	259 737			YC head 2+7 complete E7-8	244 083
	IFF carriage complete 2+7 E10-14	259 741			YC head 2+7 complete E10-14	260 614
	IFF carriage complete 2+7 E16-18	259 745			YC head 2+7 complete E16-18	261 517
3	IFF carriage complete 3+6 E5	259 734		3a 4a	YC head 3-6 complete E5	244 078
	IFF carriage complete 3+6 E7-8	259 738			YC head 3-6 complete E7-8	244 084
	IFF carriage complete 3+6 E10-14	259 742			YC head 3-6 complete E10-14	260 610
	IFF carriage complete 3+6 E16-18	259 746			YC head 3-6 complete E16-18	261 518
4	IFF carriage 4+5 complete E5	259 735		500	Pan head screw M4x5	239 549
	IFF carriage 4+5 complete E7-8	259 739		501	Washer	020 870
	IFF carriage 4+5 complete E10-14	259 743		b	Yarn guide angle	242 863
	IFF carriage 4+5 complete E16-18	259 747				



16.3.1 Continuation Intarsia yarn carrier type 2

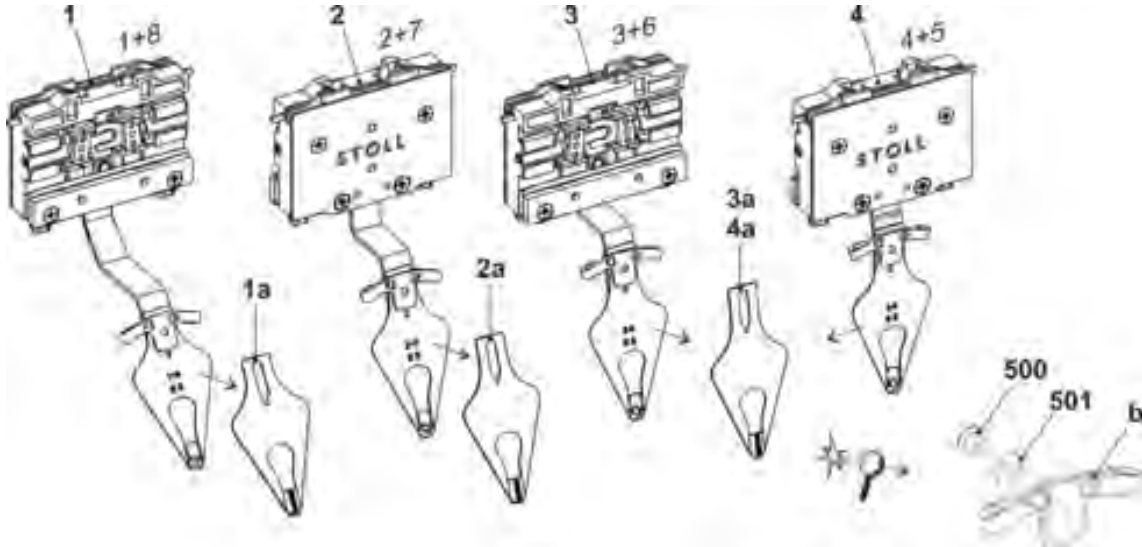
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	259 728		1	FF bow 1+8	259 719
	IFF carriage 2+7	259 729		2	FF bow 2+7	259 720
	IFF carriage 3+6	259 730		3	FF bow 3+6	259 721
	IFF carriage 4+5	259 731		4	FF bow 4+5	259 722
8	Eyelet holder complete	260 702		a	Pressure plate 2,02 H	262 433
8c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



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

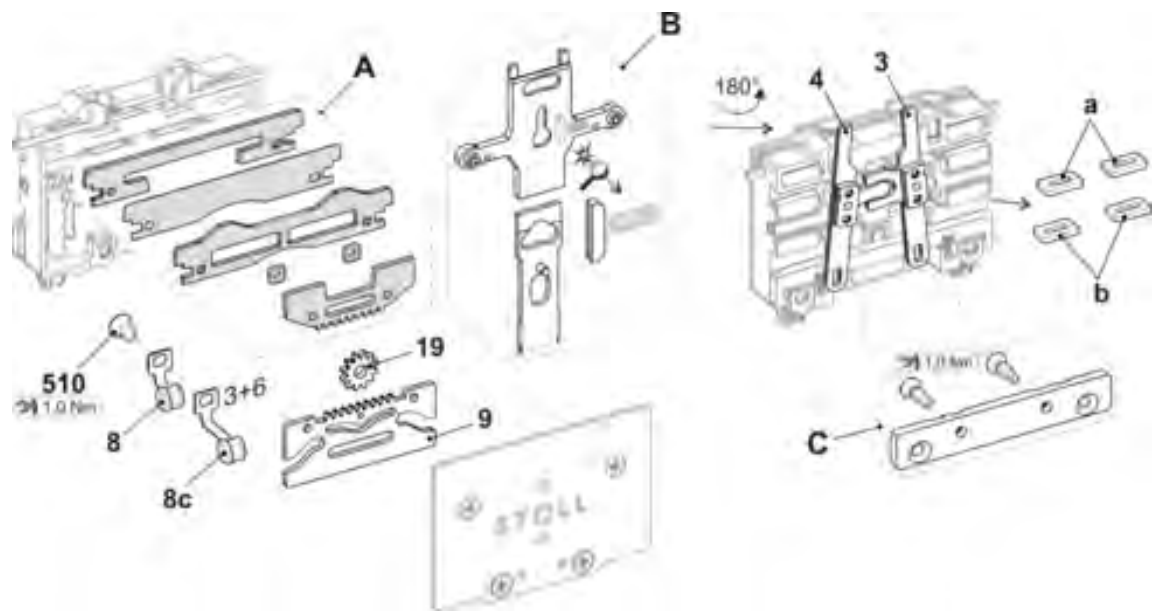
16.4 Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

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



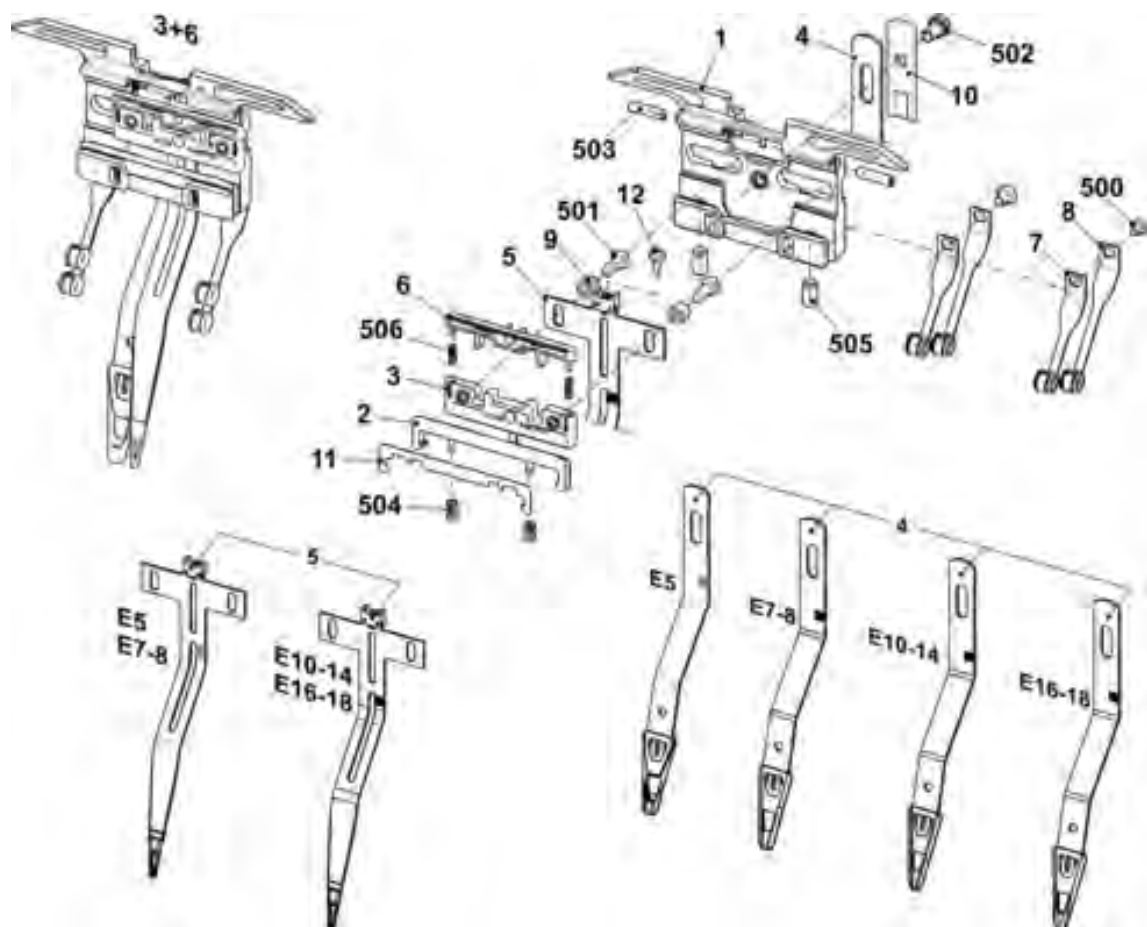
16.4.1 Continuation Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

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



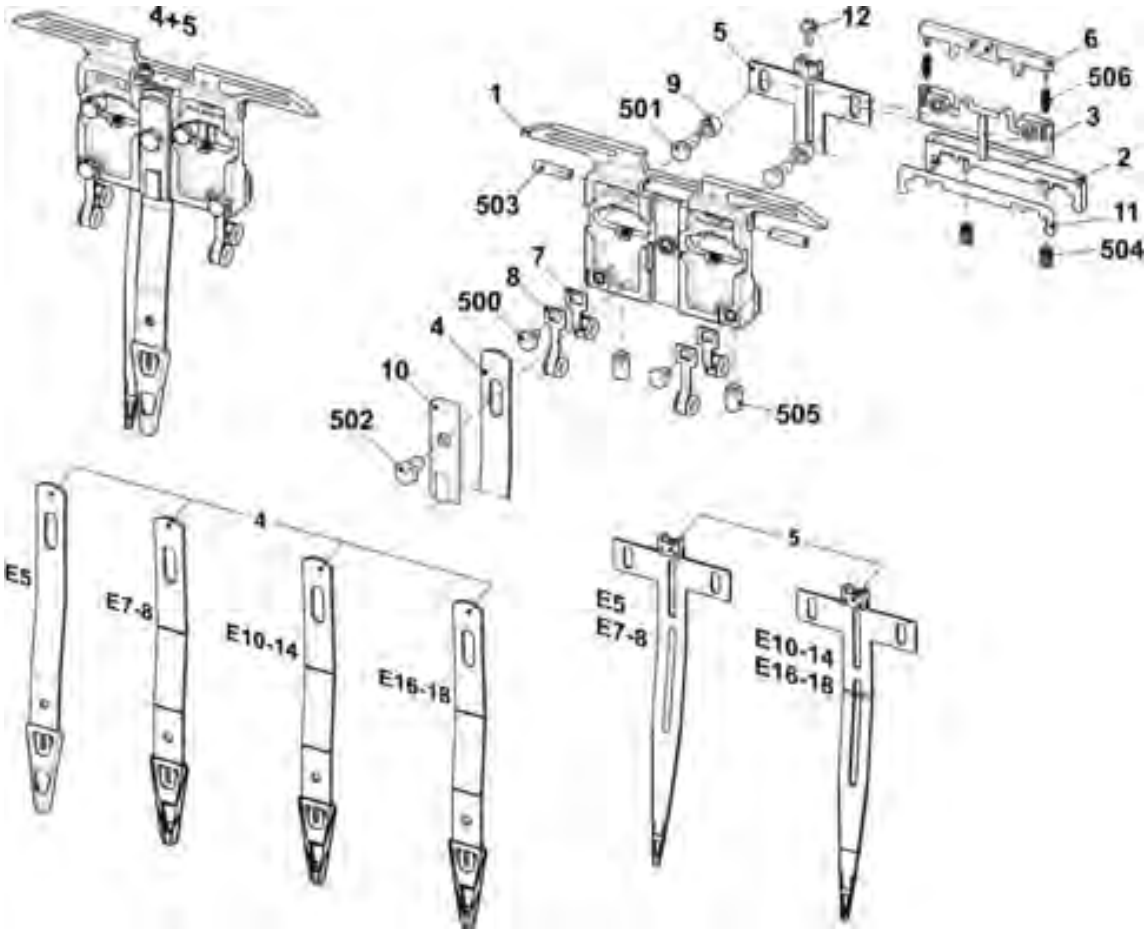
16.5 Plating yarn carrier 3+6

Pos	Designation	Id		Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete					
	E7-8 (E6.2)	252 784		8	Eyelet holder complete	252 824
	E10-14 (E7.2)	252 786		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
	E7-8 (E6.2)	252 821		501	Hexagon screwM4x10	020 346
	E10-14 (E7.2)	252 822		502	Hexagon screw	252 832
5	Plating yarn carrier bow 3+6 E5-8	252 800		503	Setscrew M4x16	254 196
	Plating yarn carrier bow 3+6 E10-18	252 808		504	Compression spring	021 399
6	Sliding piece	252 797		505	Threaded bolt	213 399
7	Eyelet holder complete	252 825		506	Compression spring	253 058



16.6 Plating yarn carrier 4+5

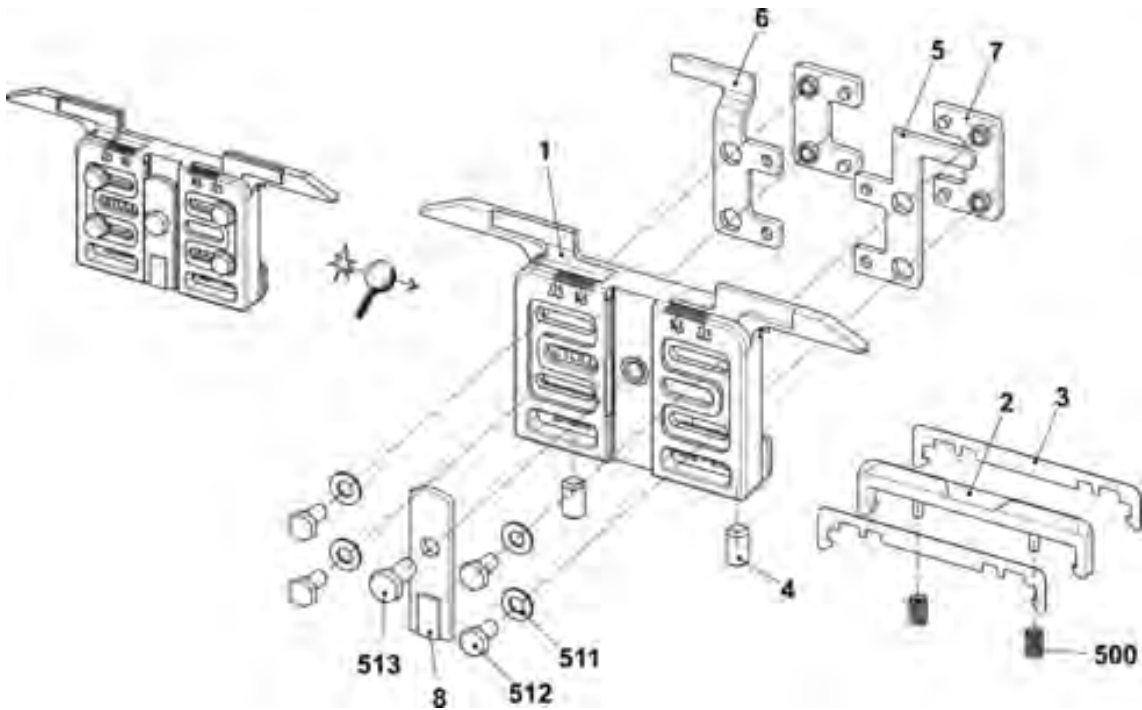
Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete				
	E7-8 (E6.2)	252 783	8	Eyelet holder complete	252 816
	E10-14 (E7.2)	252 785	9	Distance bushing	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding piece	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 4+5		500	Hexagon screwM4x5	243 779
	E7-8 (E6.2)	252 791	501	Hexagon screwM4x10	020 346
	E10-14 (E7.2)	252 792	502	Hexagon screw	252 832
5	Plating yarn carrier bow 4+5 E5-8	252 799	503	Setscrew M4x16	254 196
	Plating yarn carrier bow 4+5 E10-18	252 807	504	Compression spring	021 399
6	Sliding piece	252 797	505	Threaded bolt	213 399
7	Eyelet holder complete	252 815	506	Compression spring	253 058



16.7 Carriage of plating yarn carrier (adjustable)

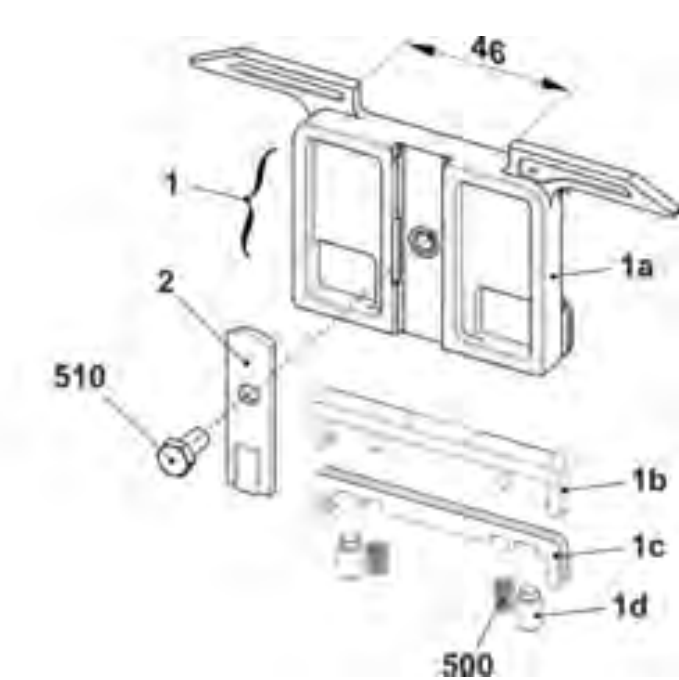
16.7 Carriage of plating yarn carrier (adjustable)

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	Washer ⁴	022 481
5	Insert on the right	251 866		512	Hexagon screwM4x8	022 461
6	Insert on the left	251 865		513	Hexagon screwM5x10	020 351



16.8 Carriage of plating yarn carrier EW46

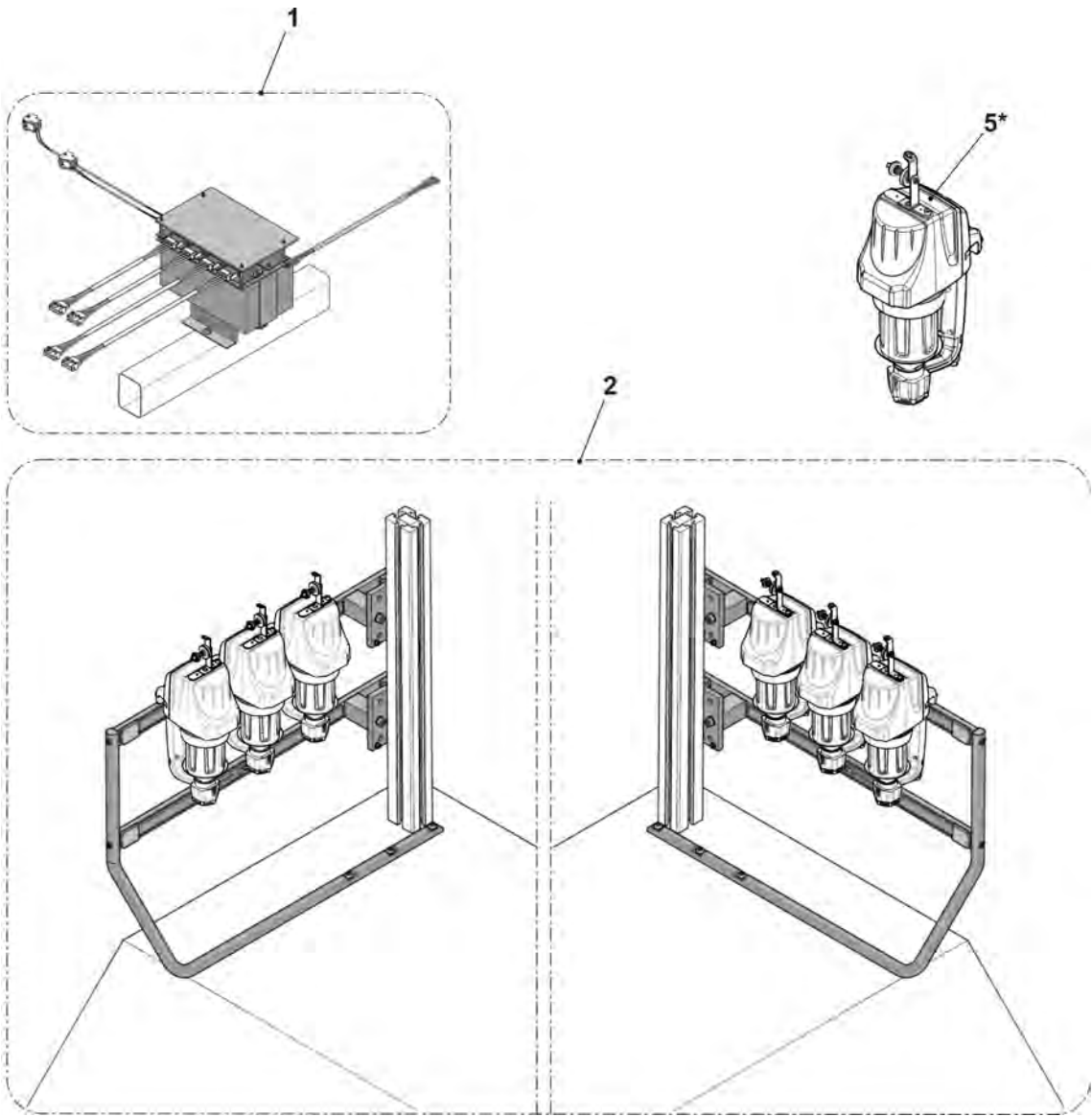
Pos	Designation		Id		Pos	Designation		Id
B	Plating FF carriage complete EW 46		244 998					
1	FF carriage EW 46		244 253			1d	Threaded bolt	213 399
	1a	FF carriage	243 881			500	Compression spring 4,0x0,55x11	021 399
	1b	Sliding piece	212 583		2	Shim		213 035
	1c	Shim	216 143		510	Hexagon screw M5x10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



16.9 Storage feed wheel MSF 2

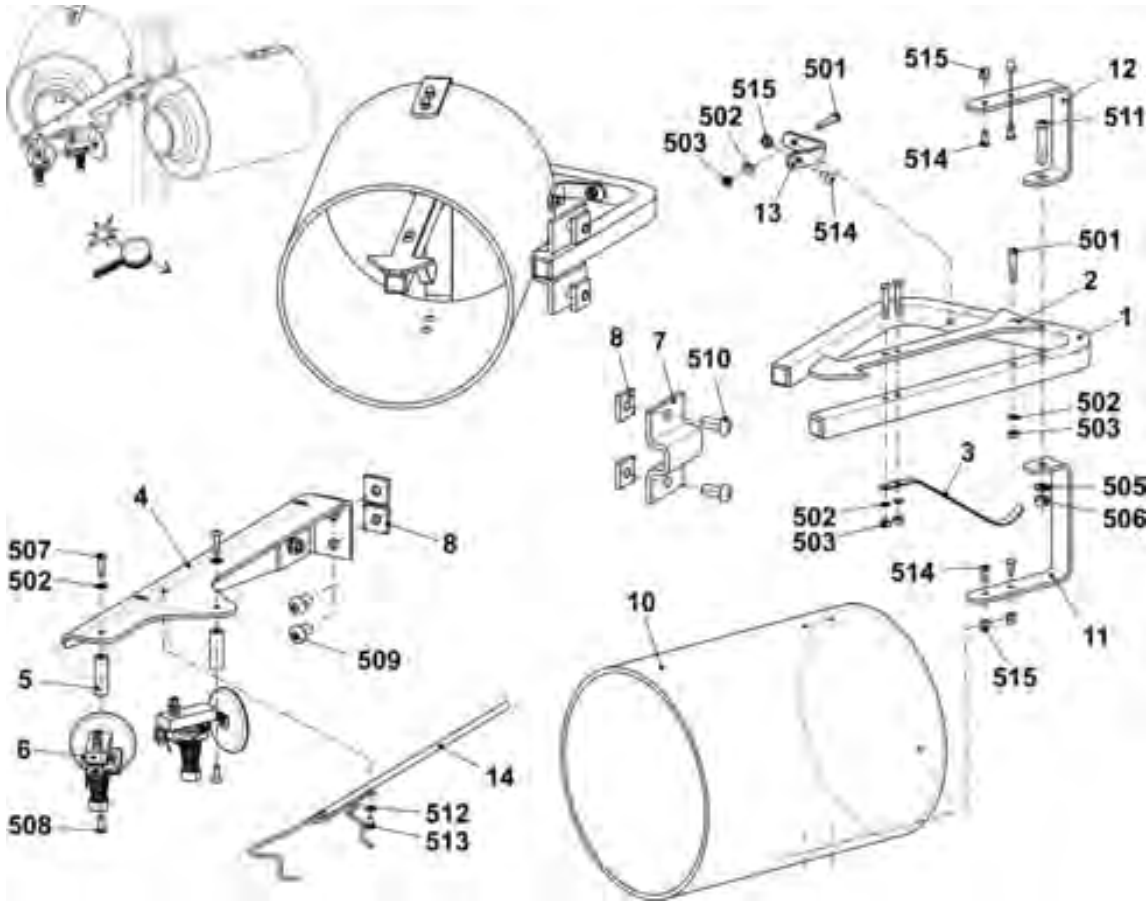
16.9 Storage feed wheel MSF 2

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



16.10 Bobbin holder on the left

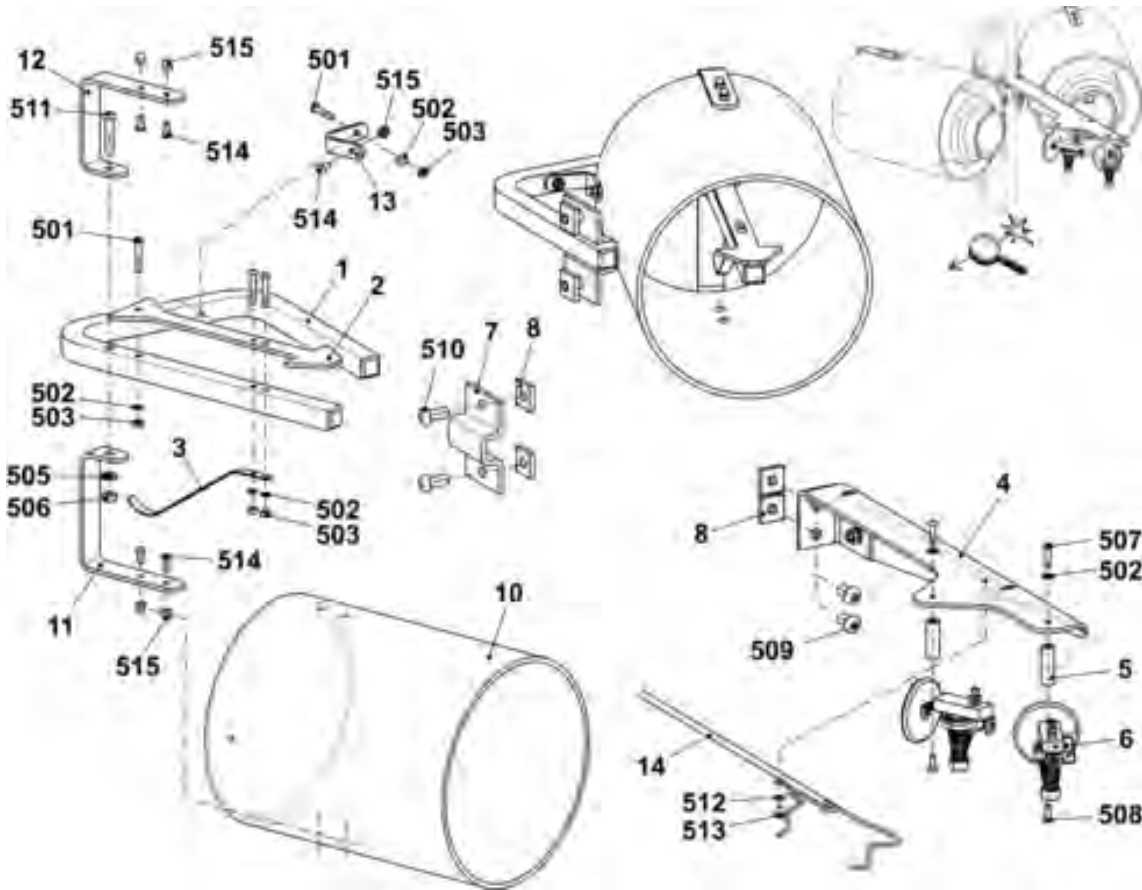
Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the left	253 965	501	Pan-head screwM4x25	023 511
1	Support	253 969	502	Washer4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	Washer6	022 431
4	Support on the left	253 347	506	Hexagon nut M6-6	022 899
5	Spacer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



16.11 Bobbin holder on the right

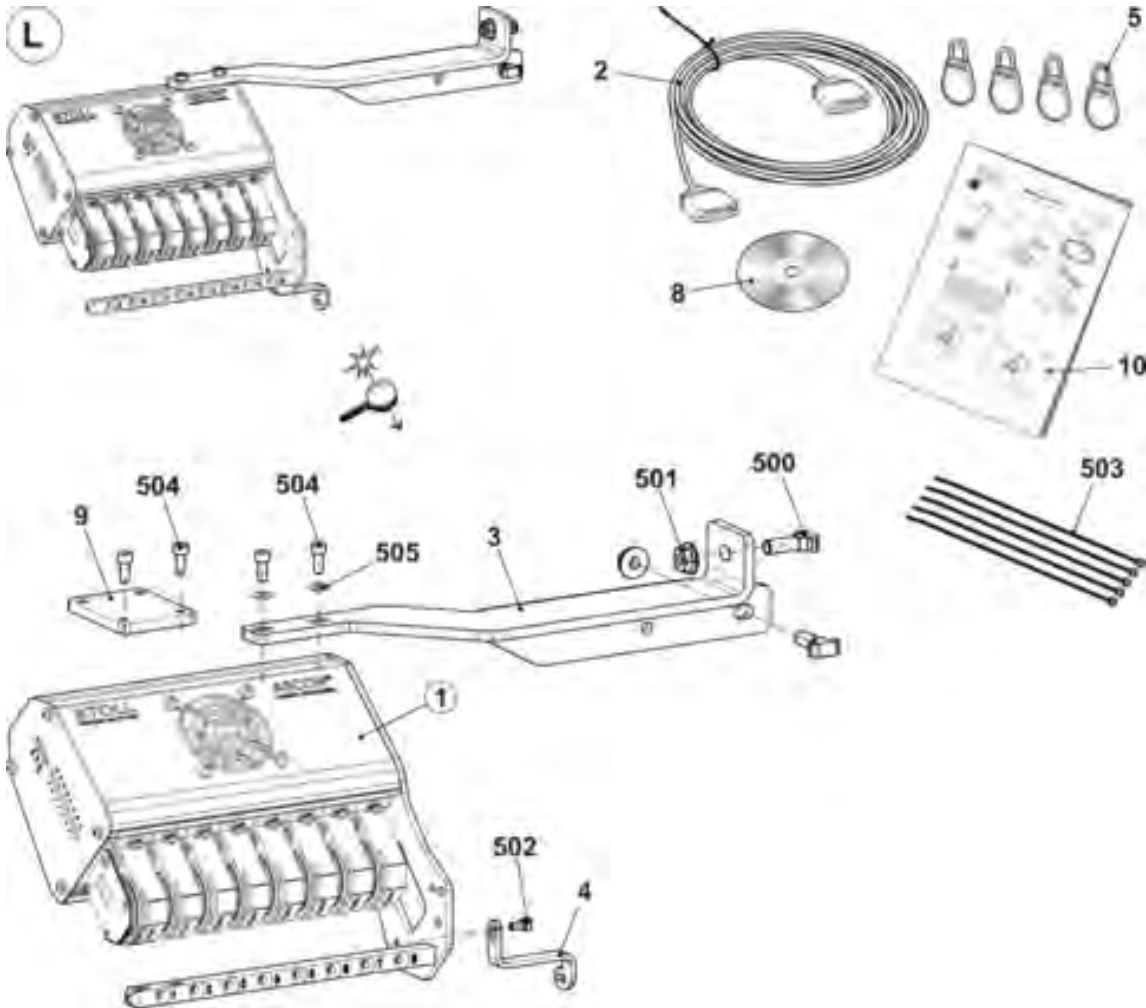
16.11 Bobbin holder on the right

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



16.12 Yarn length measuring device on the left complete

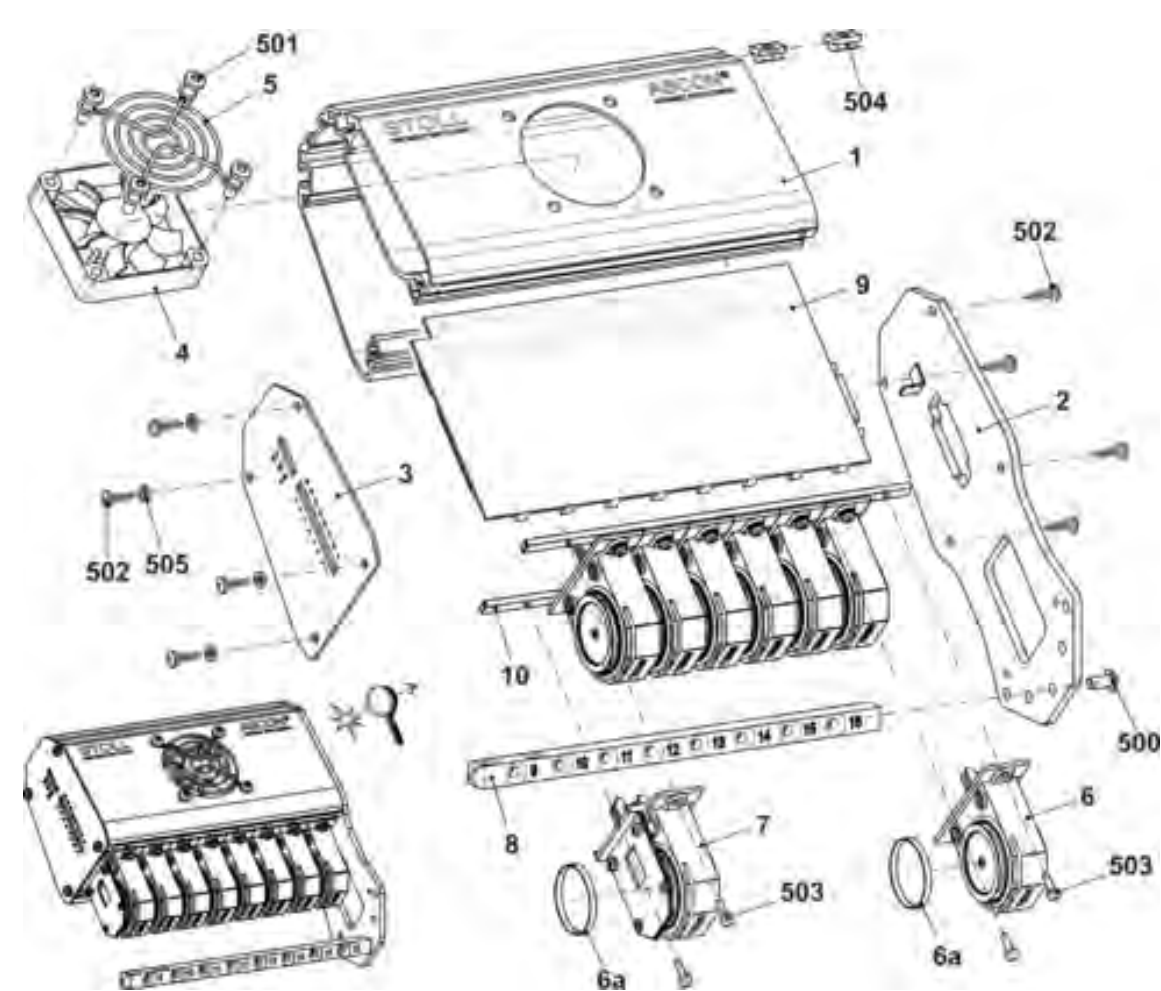
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	257 600				
1	Yarn length measuring device on the left complete	257 283		10	Operating instructions of ASCON assembly	259 381
2	Cable ASCON	257 239		500	T-head bolt M8x25	022 866
3	Support on the left	257 122		501	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



16.12 Yarn length measuring device on the left complete

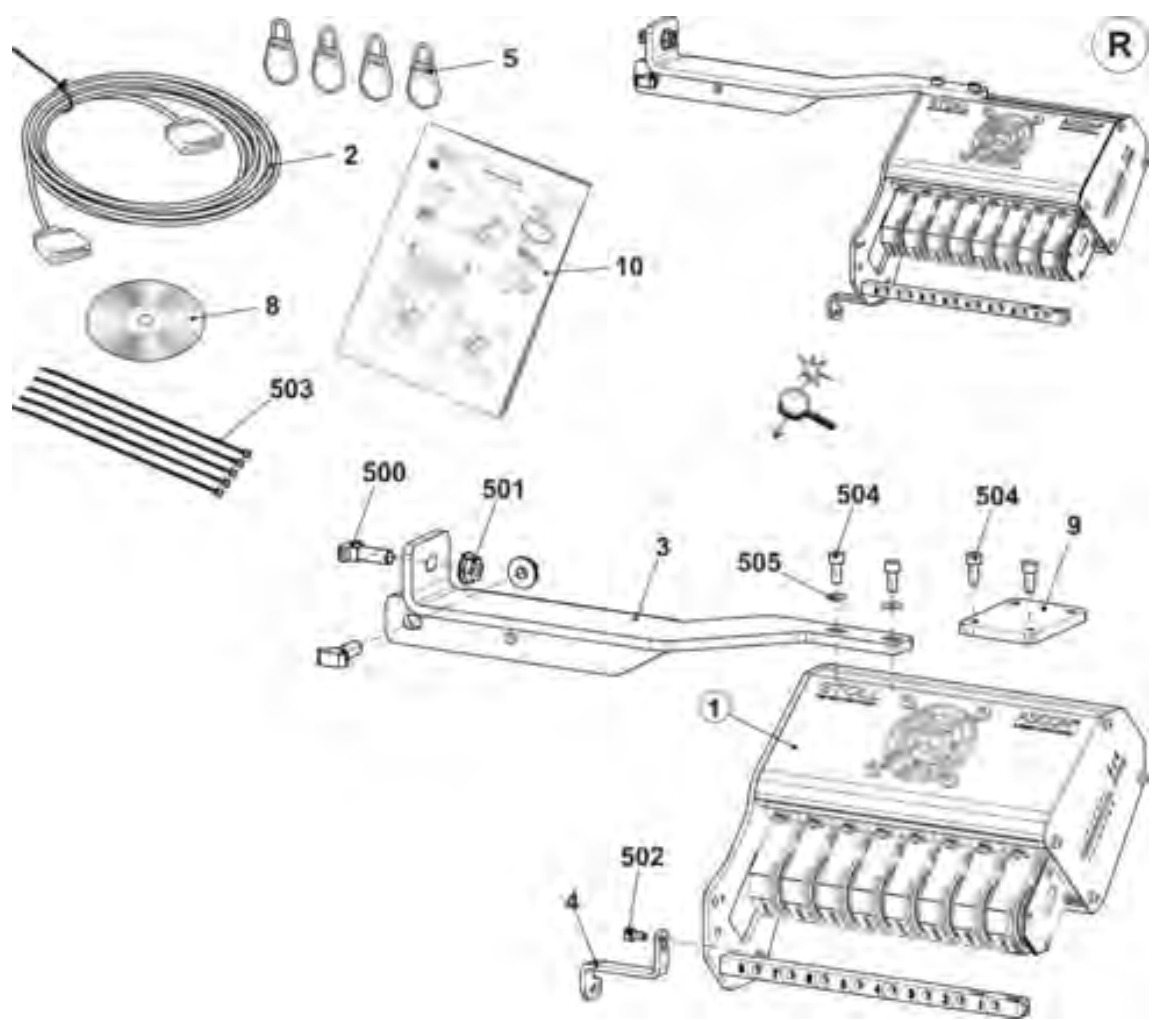
16.12.1 Yarn length measuring device

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



16.13 Yarn length measuring device on the right complete

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



16.13 Yarn length measuring device on the right complete

16.13.1 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

