

Spare-parts catalog

CMS 822 (Type 623)

Component type 002

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

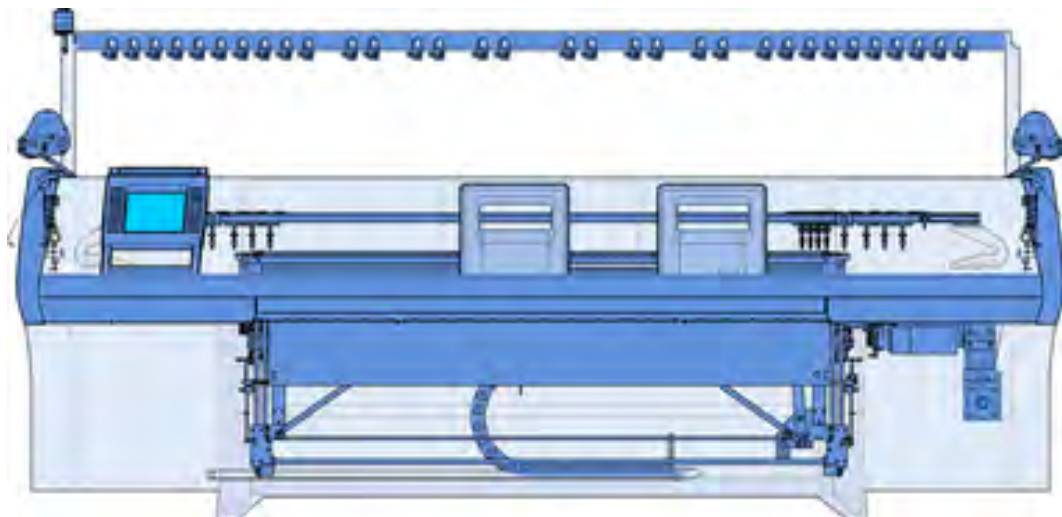


Table of contents

1	Introduction	9
1.1	Search help	10
1.2	Torques	11
2	Carriage drive	13
2.1	Drive	14
2.1.1	Motor and belt drive	15
2.1.2	Tension bearing	16
2.2	Energy chain and plunger	17
3	Racking	19
3.1	Racking drive	20
4	Needle beds	21
4.1	Needle bed E10	22
4.1.1	Continuation needle bed E10	23
4.2	Needle bed E12	24
4.2.1	Continuation needle bed E12	25
4.3	Needle bed E14	26
4.3.1	Continuation needle bed E14	27
4.4	Needle bed E16	28
4.4.1	Continuation needle bed E16	29
4.5	Needle bed E18	30
4.5.1	Continuation needle bed E18	31
4.6	Needle bed E6.2(12m.10)	32
4.6.1	Continuation needle bed E6.2(12m.10)	33
4.7	Needle bed E6.2 k&w	34
4.7.1	Continuation needle bed E6.2 k&w	35
4.8	Needle bed E7.2 k&w	36
4.8.1	Continuation needle bed E7.2 k&w	37
4.9	Needle bed E6.2 mg	38
4.9.1	Continuation needle bed E6.2 mg	39
4.10	Needle bed E7.2 mg	40
4.10.1	Continuation needle bed E7.2 mg	41
4.11	Needle bed E8.2 mg	42
4.11.1	Continuation needle bed E8.2 mg	43
4.12	Needle beds, fixing elements	44
4.13	Left clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	45
4.14	Left clamping and cutting bed E16 E18 E8.2	46
4.15	Right clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	47
4.16	Right clamping and cutting bed E16 E18 E8.2	48

4.17	Cover on the left and on the right	49
5	Tandem carriage	51
5.1	Overview of carriage	52
5.1.1	Carriage components	53
5.1.2	Carriage assembly	54
5.1.3	Carriage guide	55
5.1.4	Carriage cover	56
5.1.5	Carriage coupling	57
5.1.6	Brush holder	58
5.1.7	Yarn carrier driving without guide part	59
5.1.8	Yarn carrier driving with guide part	60
5.1.9	Holding-down jack control	61
5.1.9.1	Jack cam box E10	62
5.1.9.2	Jack cam box E12 E14 E6.2(E12m.10) E6.2 mg	63
5.1.9.3	Jack cam box E16 E18 E8.2 mg	64
5.1.9.4	Jack cam box E6.2 kw	65
5.1.9.5	Jack cam box E7.2 kw	66
5.1.9.6	Jack cam box E7.2 mg	67
5.1.9.7	Support complete	68
5.1.9.8	Control unit holding-down jacks	69
5.1.10	Needle detector	70
5.1.11	Cam box E10	71
5.1.11.1	Cams E10	72
5.1.12	Cam box E12	73
5.1.12.1	Cams E12	74
5.1.13	Cam box E14	75
5.1.13.1	Cams E14	76
5.1.14	Cam box E16 E18	77
5.1.14.1	Cams E16 E18	78
5.1.15	Cam box E6.2(12m.10)	79
5.1.15.1	Cams E6.2(12m.10)	80
5.1.16	Cam box E6.2 kw	81
5.1.16.1	Cams E6.2 kw	82
5.1.17	Cam box E7.2 kw	83
5.1.17.1	Cams E7.2 kw	84
5.1.18	Cam box E6.2 mg	85
5.1.18.1	Cams E6.2 mg	86
5.1.19	Cam box E7.2 mg	87
5.1.19.1	Cams E7.2 mg	88
5.1.20	Cam box E8.2 mg	89
5.1.20.1	Cams E8.2 mg	90
5.1.21	Cams for narrow coupling	91
5.2	Spare parts package carriage guide rail	92
6	Main take-down	93
6.1	Main take-down	94
6.2	Main take-down on the left	95

6.3	Main take-down on the right	96
6.3.1	Mounting plate	97
6.3.2	Full floating axle	98
6.4	Main take-down in the middle	99
6.4.1	Stripper angle	100
6.4.2	Rear take-down roller	101
6.4.3	Front take-down roller	102
6.4.3.1	Front roller elements	103
6.4.3.2	Pressure angle rail	104
6.4.4	Impulse sensor and motor	105
6.5	Take-down closing device	106
6.5.1	Continuation of take-down closing device	107
6.5.1.1	Right swivel support	108
6.5.1.2	Swivel holder in the middle	109
6.5.1.3	Left swivel holder	110
7	Auxiliary take-down	111
7.1	Auxiliary take-down	112
7.1.1	Auxiliary take-down pre-assembled	113
7.1.1.1	Contact lever	114
7.1.1.2	Take-down roller	115
7.1.1.3	Left bearing of the auxiliary take-down	116
7.1.1.4	Right bearing of the auxiliary take-down	117
7.1.2	Motor	118
7.2	Yarn brake at clamping and cutting bed	119
8	Comb take-down	121
8.1	Comb take-down	122
8.1.1	Comb take-down on the left	123
8.1.2	Comb take-down on the right	124
8.1.2.1	Drive shaft of comb	125
8.1.2.2	Swivel lever comb take-down	126
8.1.3	Comb take-down in the middle	127
8.1.3.1	Comb unit	128
8.1.3.1.1	Switching lever comb take-down	129
9	Yarn delivery device	131
9.1	Yarn guide system from 20 up to 26 FKE	132
9.2	Yarn control device	133
9.3	Yarn guide on the left E10-E18	134
9.3.1	Yarn brake and yarn deflector	135
9.3.2	Left yarn tensioner	136
9.3.2.1	Left tension axle	137
9.3.3	Stopping device on the left	138
9.4	Left yarn guide E6.2	139
9.4.1	Yarn brake and yarn deflector	140

9.4.2	Left yarn tensioner E6.2	141
9.4.2.1	Left tension axle E6.2	142
9.5	Yarn guide on the right E10-E18	143
9.5.1	Right yarn tensioner	144
9.5.1.1	Right tension axle	145
9.5.2	Stopping device on the right	146
9.6	Right yarn guide E6.2	147
9.6.1	Right yarn tensioners E6.2	148
9.6.1.1	Right tension axle	149
9.7	Bobbin board	150
9.8	Yarn guide complete	151
9.9	Bar unit	152
9.10	Left friction feed wheel	153
9.11	Right friction feed wheel	154
10	Fluff absorption	155
10.1	Fluff absorption	156
10.1.1	Lint container	157
10.1.2	Set of hose on the left and right	158
10.1.3	Suction tube	159
11	Operation and control	161
11.1	Input unit	162
11.2	Starting device	163
11.2.1	Bearing of the engaging rod	164
11.3	Signal light	165
11.4	Collecting area - control	166
11.5	Shock stop motion E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	167
11.6	Shock stop motion E16 E18 E8.2	168
11.7	Measuring device	169
11.8	Connection measuring bar	170
12	Protective devices	171
12.1	Lateral safety doors	172
12.2	Panelling	173
12.3	Rear panel	174
13	Electrical equipment	175
13.1	Circuit diagram (221) as PDF	176
13.2	Fuses	177
13.3	Trailing cable	178
13.4	Cable	179
13.5	Continuation of cable I	180

13.6	Continuation of cable II	181
14	Control electronics	183
14.1	Left control cabinet	184
14.2	Right control cabinet	185
15	Deliverable accessories	187
15.1	Fuses	188
15.2	Tool	189
15.3	Lubricating stuff	190
15.4	Mechanical parts	191
16	Special attachments	193
16.1	Yarn carrier type 2, E10 12 E14 E7.2 E8.2 E9.2	194
16.2	Yarn carrier type 2, E16 E18	195
16.3	Intarsia yarn carrier type 2, Overview	196
16.3.1	Continuation Intarsia yarn carrier type 2	197
16.4	Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)	198
16.4.1	Continuation Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)	199
16.5	Plating yarn carrier 3+6	200
16.6	Plating yarn carrier 4+5	201
16.7	Carriage of plating yarn carrier EW43	202
16.8	Carriage of plating yarn carrier (adjustable)	203
16.9	Yarn length measuring device on the left complete	204
16.9.1	Yarn length measuring device	205
16.10	Yarn length measuring device on the right complete	206
16.10.1	Yarn length measuring device on the right	207
16.11	Storage feed wheel MSF 2	208
16.12	Bobbin holder on the left	209
16.13	Bobbin holder on the right	210
16.14	Additional board at the bottom	211
16.15	Sanding Paper Brake	212
17	Conversion kit with 24 and 32 IFF Type 2	213
17.1	Overview of conversion kit with 24 IFF E10 E12 E14 E6.2(12m.10) E7.2	214
17.2	Overview of conversion kit with 24 IFF E16 E18	215
17.3	Overview of conversion kit with 24 IFF E6.2	216
17.4	Overview of conversion kit with 24 IFF E8.2	217
17.5	Overview of conversion kit with 32 IFF E10 E12 E14 E6.2(12m.10) E7.2	218
17.6	Overview of conversion kit with 32 IFF E16 E18	219

17.7 Overview of conversion kit with 24 IFF E6.2	220
17.8 Overview of conversion kit with 32 IFF E8.2	221
17.9 Parts for the safety door on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	222
17.9.1 Yarn tensioner on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	223
17.9.1.1 Tension axle E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	224
17.9.2 Deflector on the left and on the right	225
17.10 Parts for the right safety door E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	226
17.10.1 Yarn tensioner on the right E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	227
17.10.1.1 Tension axle E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	228
17.11 Parts for the safety door on the left E6.2	229
17.11.1 Yarn tensioner on the left E6.2	230
17.11.1.1 Tension axle E6.2	231
17.11.2 Yarn brake	232
17.12 Parts for the right safety door E6.2	233
17.12.1 Yarn tensioner on the right E6.2	234
17.13 Parts for the yarn guide system	235
17.14 Friction feed wheel on the left and on the right complete	236
17.14.1 Friction feed wheel on the left	237
17.14.2 Friction feed wheel on the right	238
17.15 Left clamping/cutting E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	239
17.16 Left clamping and cutting bed E16 E18 E8.2	240
17.17 Right clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	241
17.18 Right clamping and cutting bed E16 E18 E8.2	242
17.19 Additional bobbin board	243
17.20 Yarn guide complete (32 IFF) E6.2	244
17.21 Yarn guide complete (32 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	245
17.22 Yarn guide complete (32 IFF) E16 E18	246
17.23 Yarn guide complete (24 IFF) E6.2	247
17.24 Yarn guide complete (24 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	248
17.25 Yarn guide complete (24 IFF) E16 E18	249
17.26 Stopping device	250

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.

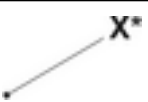
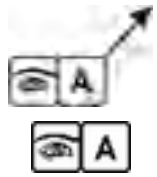
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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.

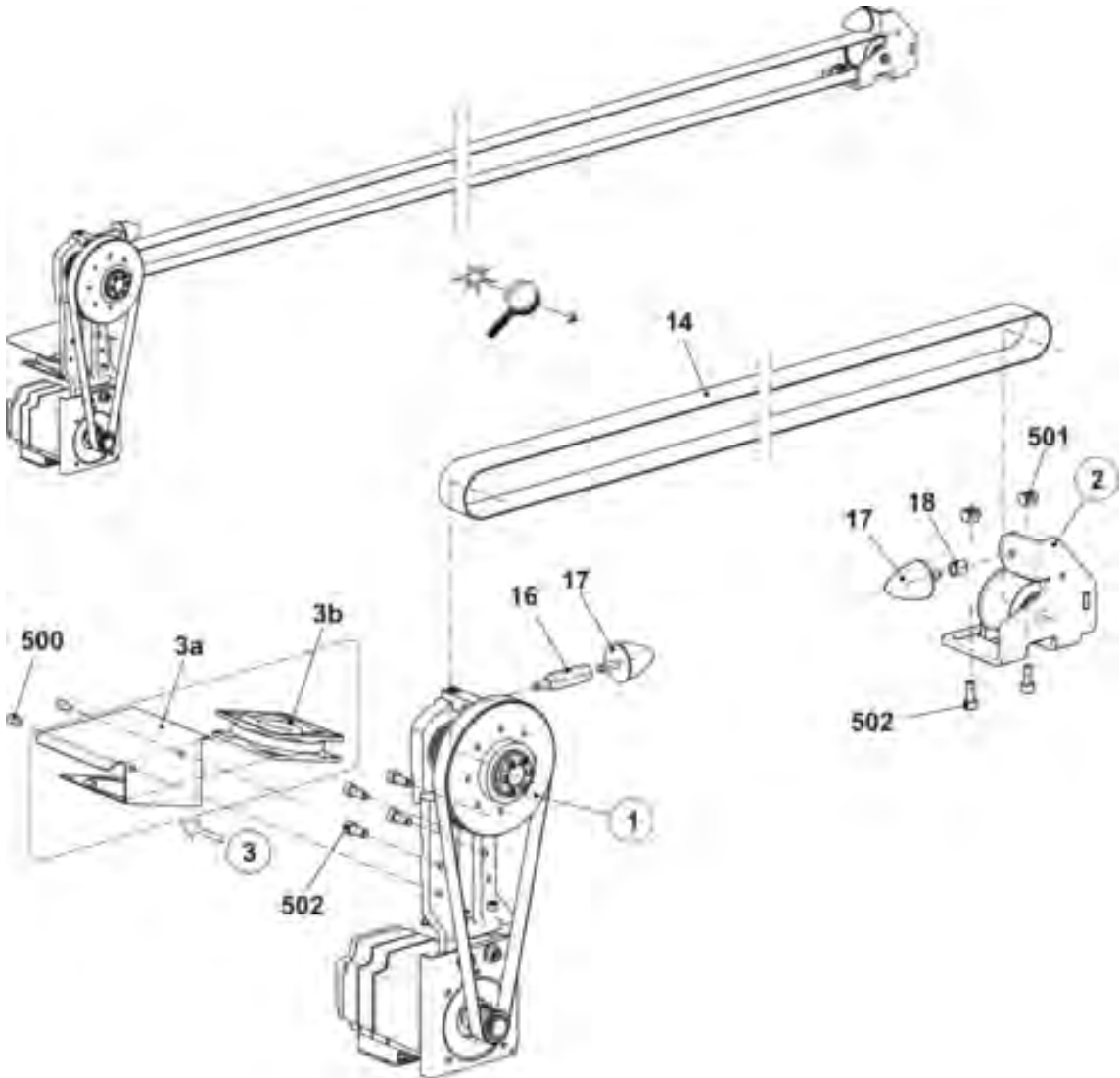
Notes:

2 Carriage drive



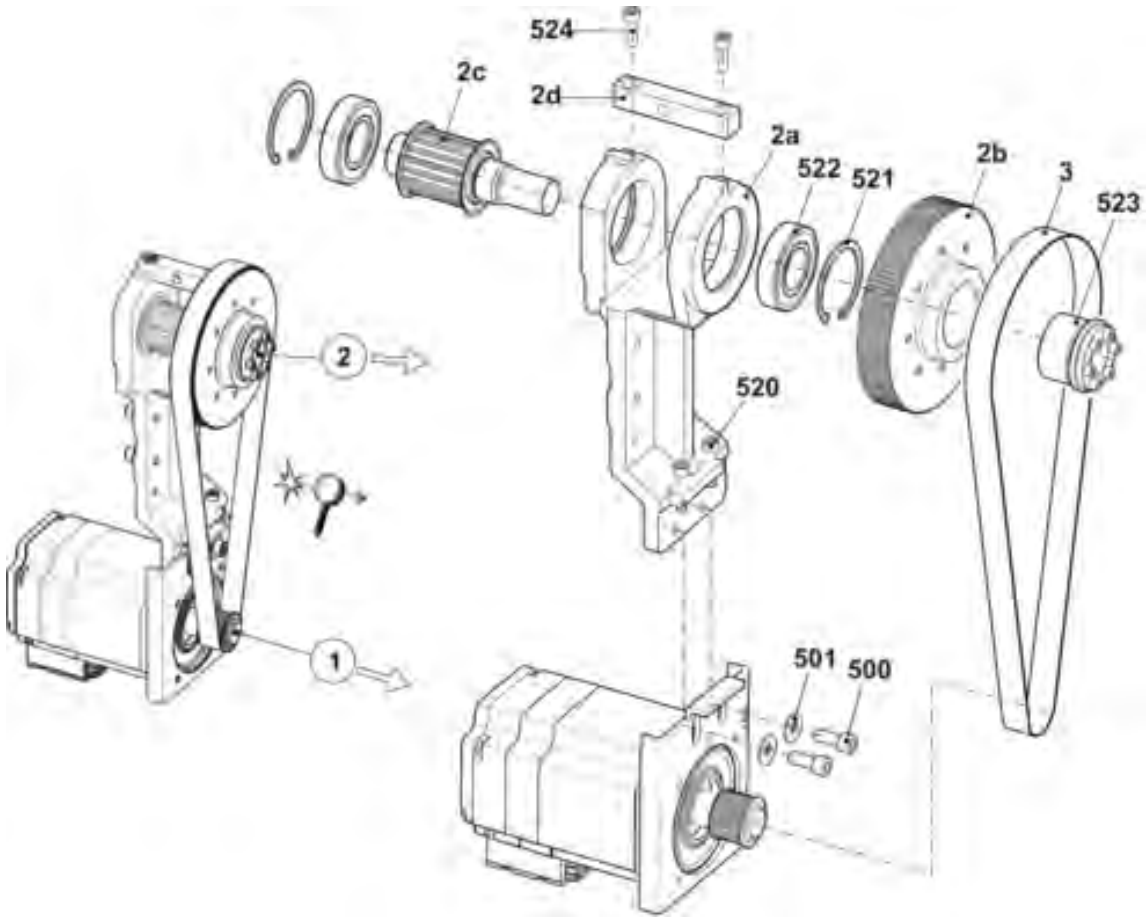
2.1 Drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive unit				
1	Drive unit complete	240 743	16	Hexagon bolt	238 922
2	Tension bearing complete	251 581	17	Parabolic spring	200 661
3	Fan complete	242 413	18	Spacer pipe	222 099
3a	Fan plate drive motor	241 823	500	Cap screws M8x12	023 138
3b	Fan complete 512	213 722	501	Sliding nut M10X12	023 471
14	Toothed belt50AT10/7150	236 656	502	Cap screw M10X25	020 157



2.1.1 Motor and belt drive

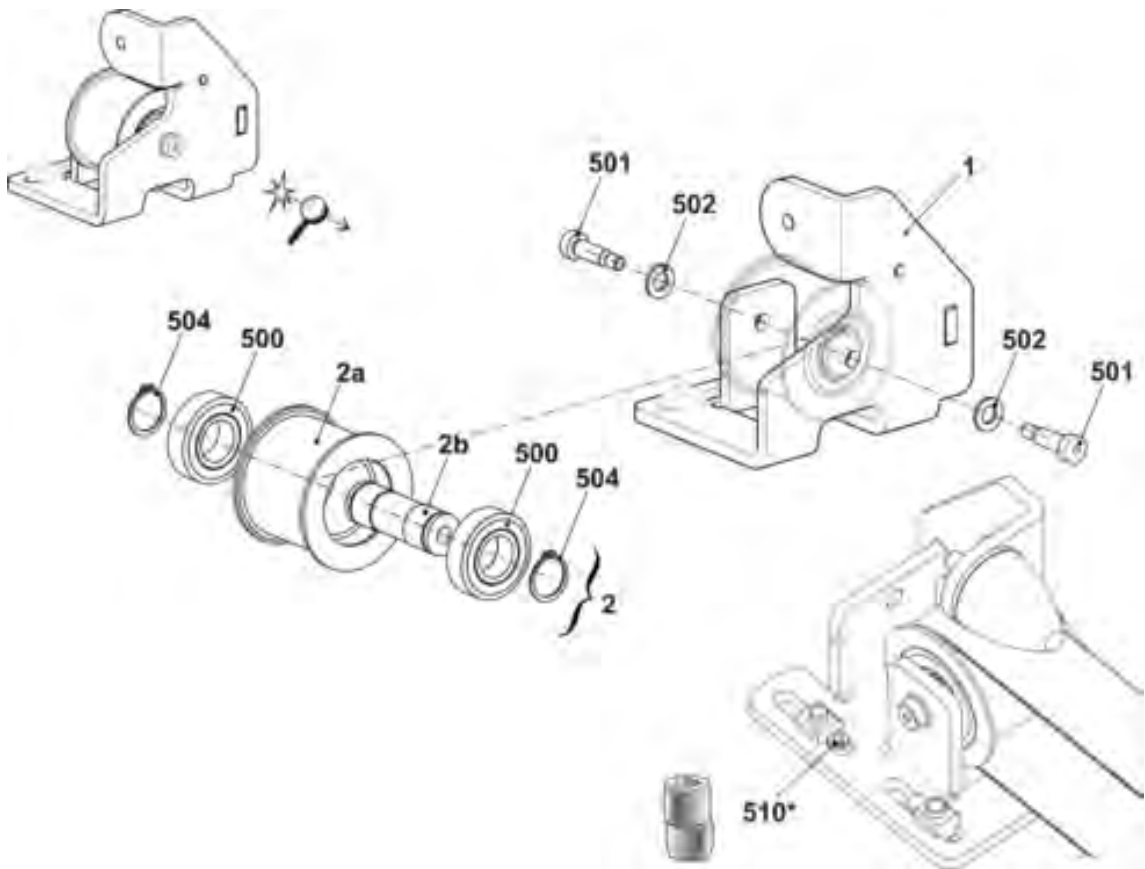
Pos	Designation		Id		Pos	Designation		Id	
Σ	Drive unit complete		240 743						
1	Drive unit		256 301			521	Locking ring68x2.5		022 914
2	Drive bearing		255 005			522	Grooved ball bearing 6207-2RS		022 915
	2a	Drive bearing ECO2	252 634			523	Tension set 30X55		023 208
	2b	Toothed belt pulley	240 616			524	Cap screw M8X25 12.9		020 142
	2c	Pinion57 AT10 18	242 039		3	Toothed belt250 HP-S5M 1050 NG		240 628	
	2d	Support of buffer	222 100		500	Cap screw M10X25		020 157	
520	Cap screw M8X35	020 144	501		Disk10,5X25X2,5		022 178		



2.1 Drive

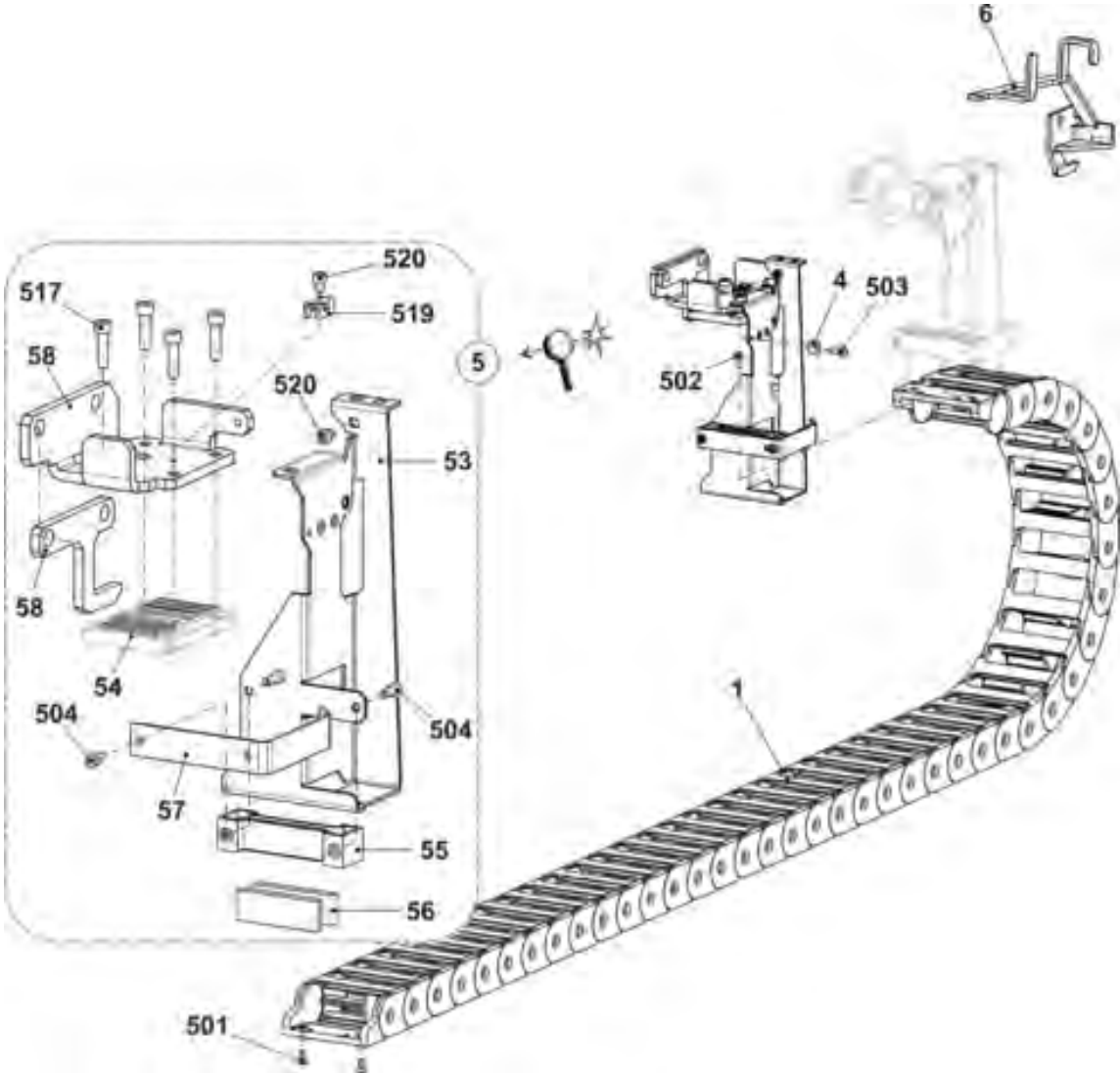
2.1.2 Tension bearing

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



2.2 Energy chain and plunger

Pos	Designation		Id		Pos	Designation		Id
1	Energy chain 40 links		259 232		5	56	Cellular caoutchouc black	202 597
4	Threaded spacer		214 584			57	Cover strip	258 379
501	Cap screw M6x8		023 411			58	Switch flag carriage driver	259 278
502	Cap screw M6x16		020 135			59	Carriage driver	259 284
503	Cap screw M6x16		020 135			520	Cap screw M6x8	023 411
5	Carriage driver complete		259 281			504	Cap screw M6x12	020 134
	53	Cable driver	259 286			517	Cap screw M8x30	020 143
	54	Clamping plate	252 592			519	Fixing element	026 489
	55	Cable holder	204 688		6	Stop point with cable holder		258 005



2.2 Energy chain and plunger

Notes:

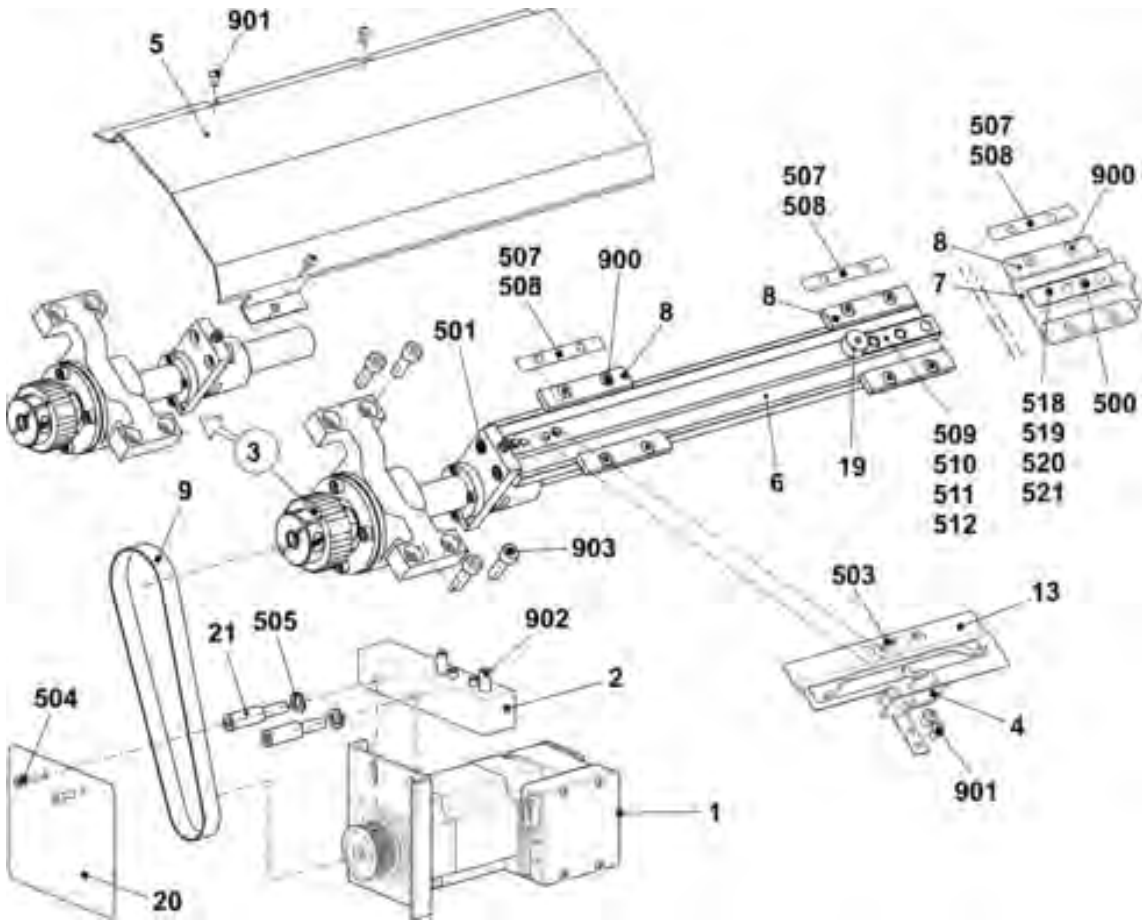
3 Racking



3.1 Racking drive

3.1 Racking drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Racking				
1	Racking motor complete	258 192	504	Cap screw M5x12	020 132
2	Bearing	227 605	505	Washer	022 175
3	Spindle bearing complete	253 262	507	Shim 0,03x11x80	023 286
4	Card racking limit switch	229 396	508	Shim 0,05x11x80	023 287
5	Racking cover plate	230 048	509	Shim 0,03x15x85	023 162
6	Racking strip	241 921	510	Shim 0,05x15x85	023 163
7	Racking strip on the left	240 696	511	Shim 0,1x15x85	023 164
8	Guide strip	206 382	512	Shim 0,2x15x85	023 170
9	Toothed belt150 S 5M 490	229 281	518	Shim 0,03x15x75	023 395
13	Switch plate	240 722	519	Shim 0,05x15x75	023 396
19	Stop screw	221 386	520	Shim 0,1x15x75	023 397
20	Cover plate	232 544	521	Shim 0,2x15x75	023 398
21	Distance bolt	232 543	900	Cap screw M6x12	022 795
500	Cap screw M4x4	022 767	901	Pan-head screw M6x10	023 183
501	Cap screw M6x16	023 116	902	Cap screw M8x30	020 143
503	Pan-head screw M6x10	023 183	903	Cap screw M8x25	020 142



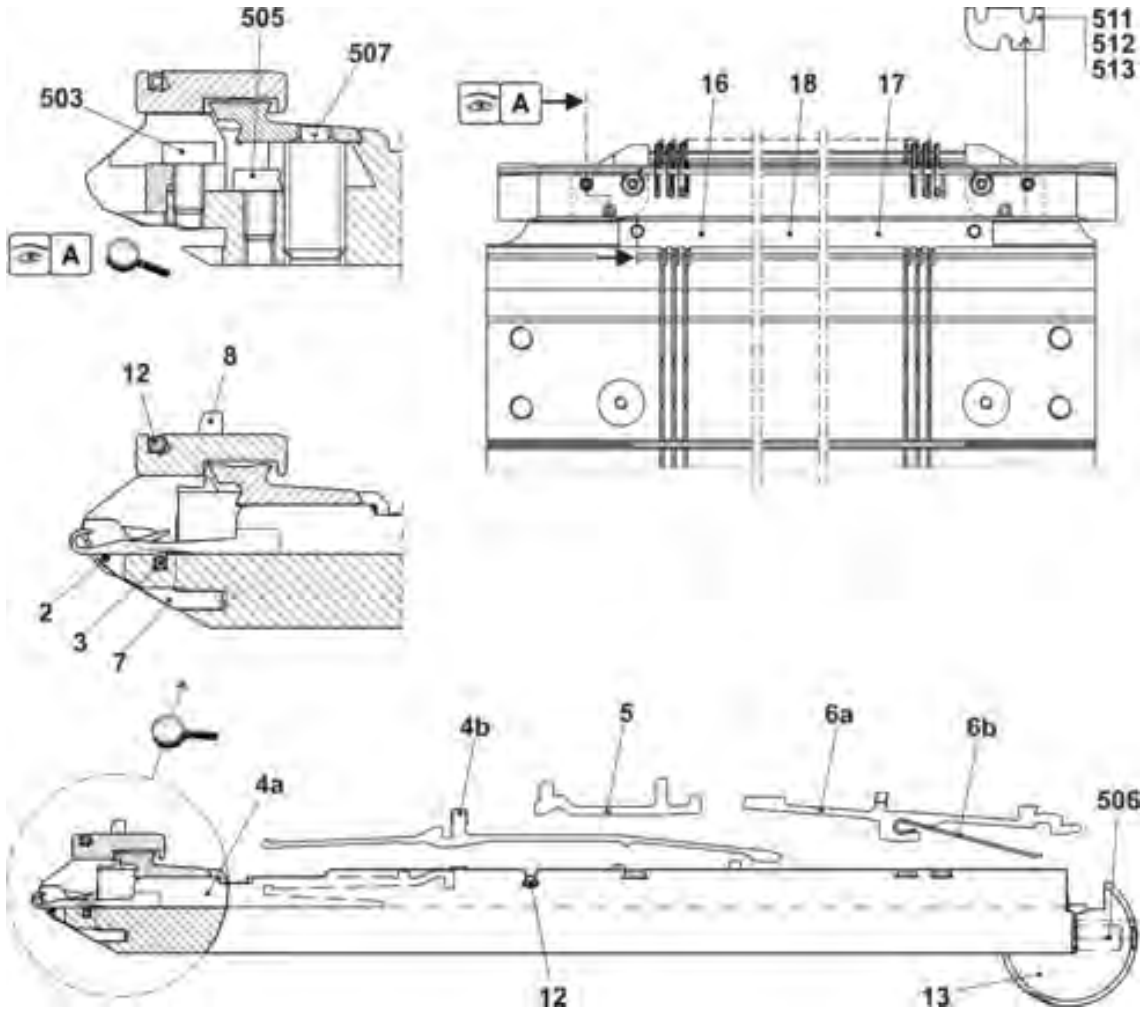
4 Needle beds



4.1 Needle bed E10

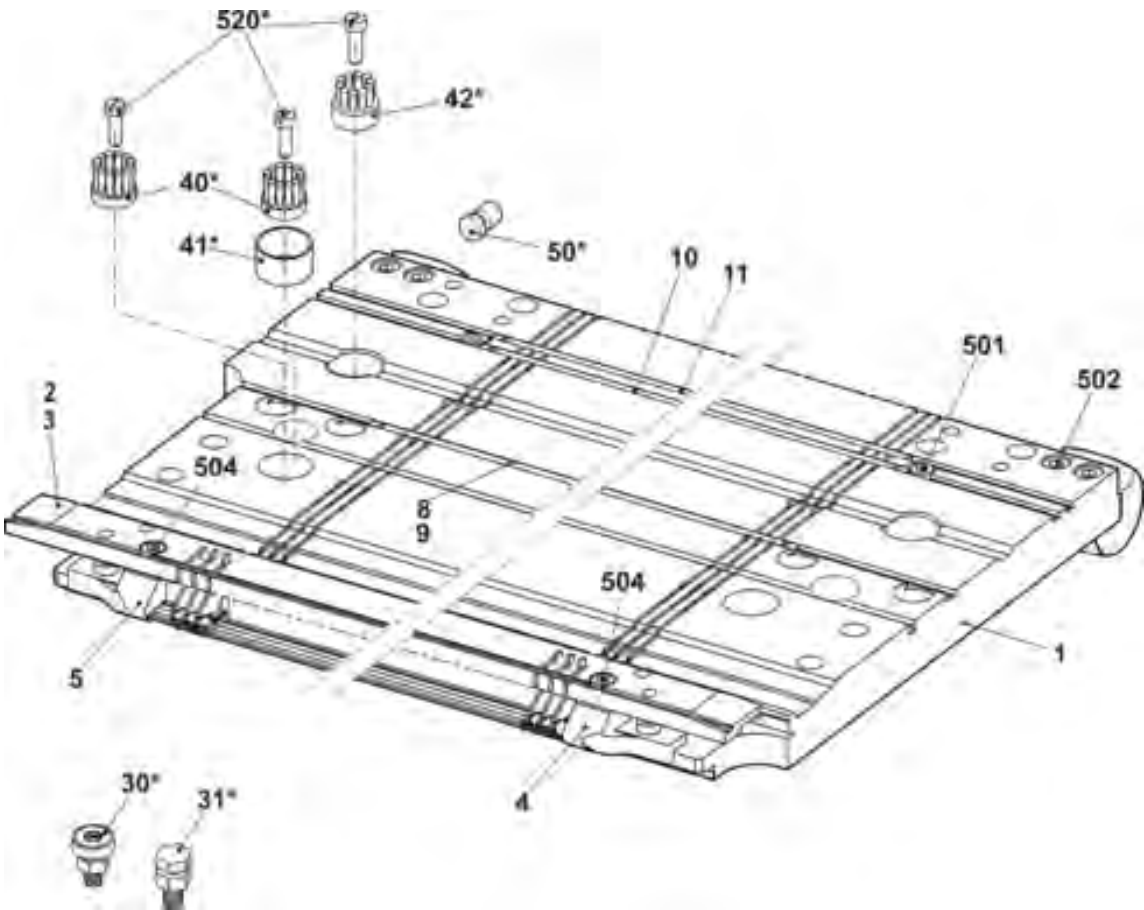
4.1 Needle bed E10

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



4.1.1 Continuation needle bed E10

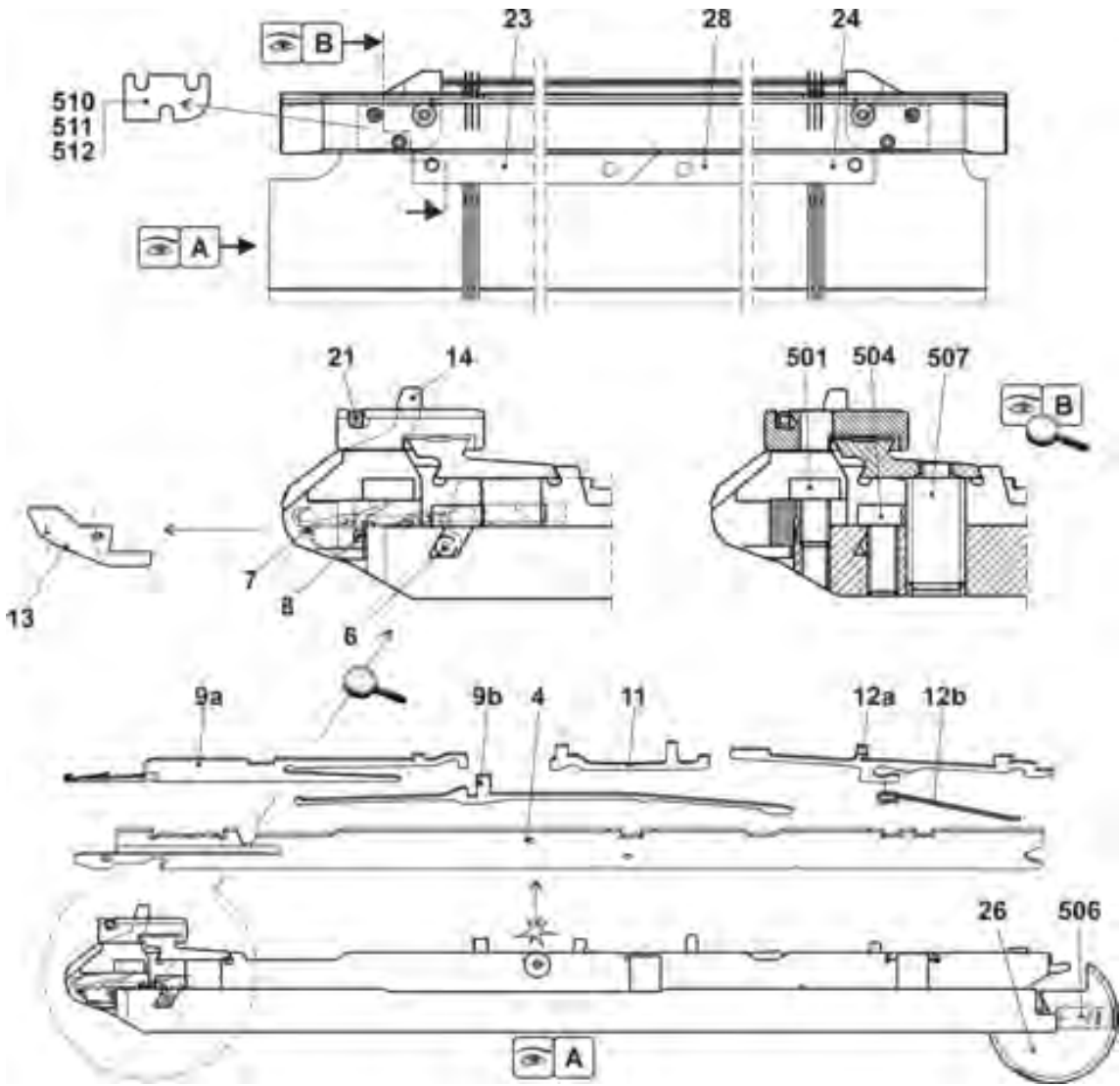
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rearE10	256 535		501	Cap screwM5x10	022 918
1	Needle bed at the front + rearE10	253 461		502	Cap screwM6x25	020 137
2	Holding-down jack bed at the rear E10	238 030		504	Cap screwM5x22	023 193
3	Holding-down jack bed at the front E10	238 024		30*	Adjusting piece	206 375
4	Limiter on the left E10-14	205 764		31*	Set screw complete	207 712
5	Limiter on the right E10-14	205 765		40*	Disk brush	235 612
8	Cover rail at the rear	237 379		41*	Container disk brush	233 012
9	Cover rail at the front E5.2	237 506		42*	Disk brush ø12	202 600
10	Cover rail	237 382		50*	Adjusting bolt	240 765
11	Cover rail	237 383		520*	Cap screwM5x12	020 032



4.2 Needle bed E12

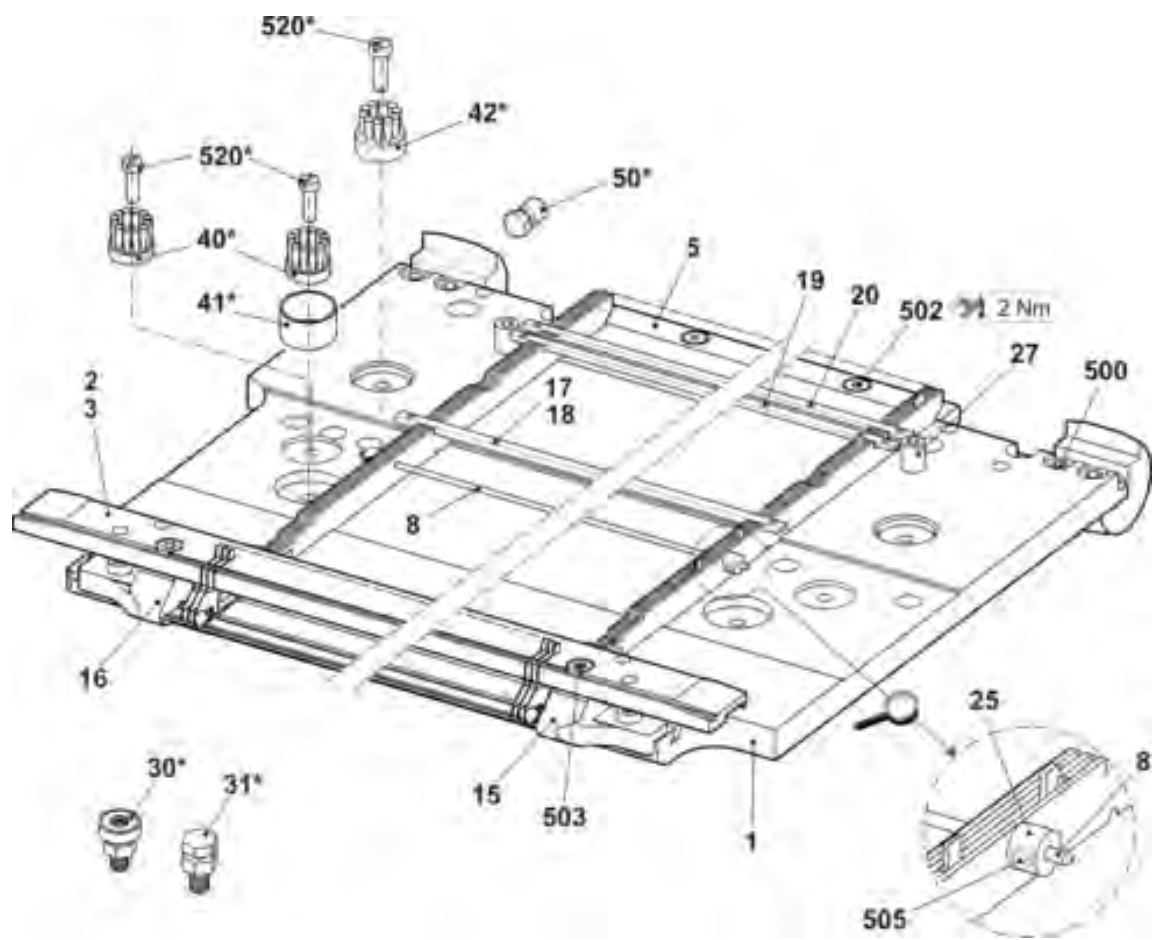
4.2 Needle bed E12

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



4.2.1 Continuation needle bed E12

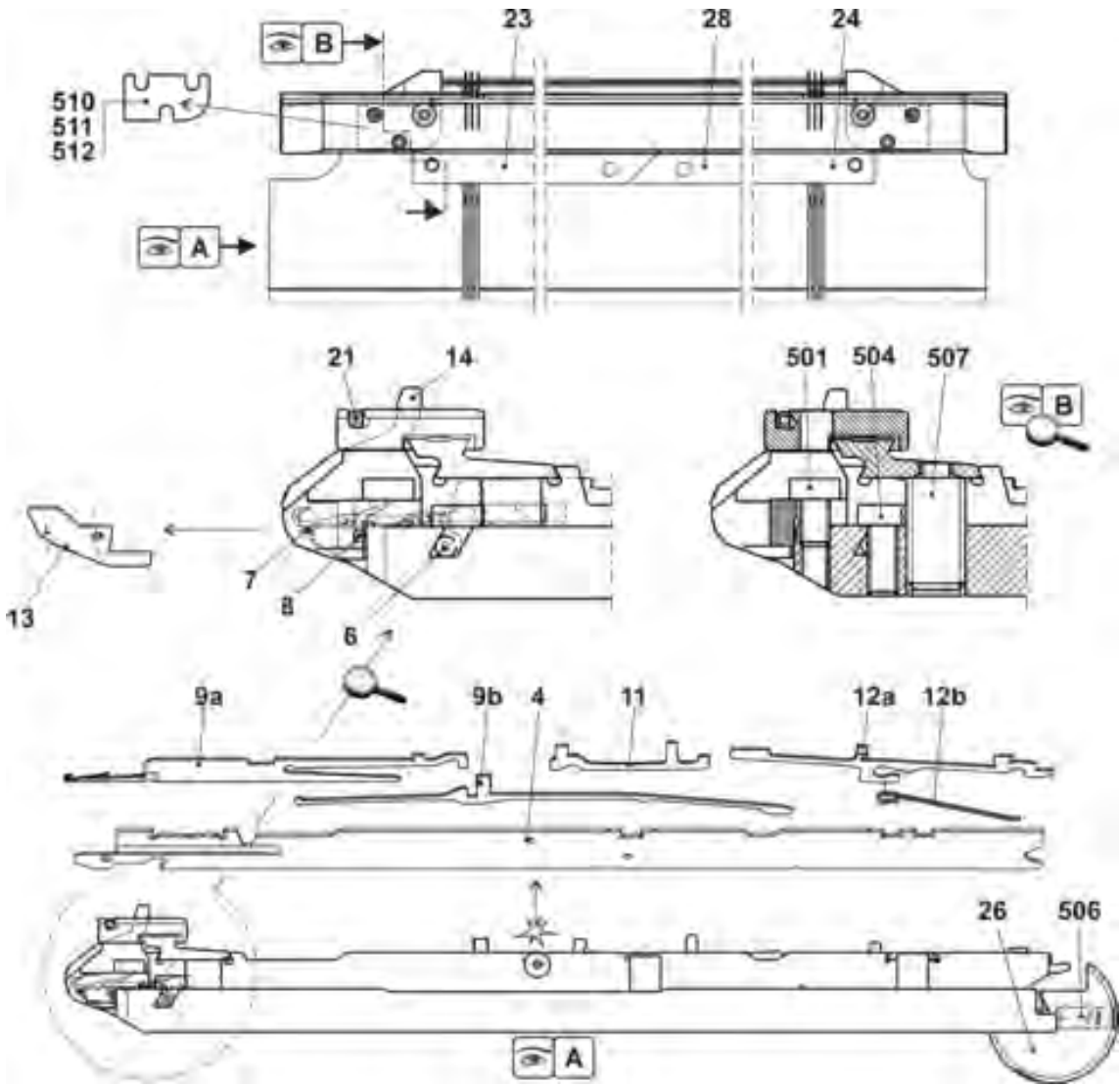
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12	256 534				
1	Needle bed at the front + rearE6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E12	238 025		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E12	238 031		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



4.3 Needle bed E14

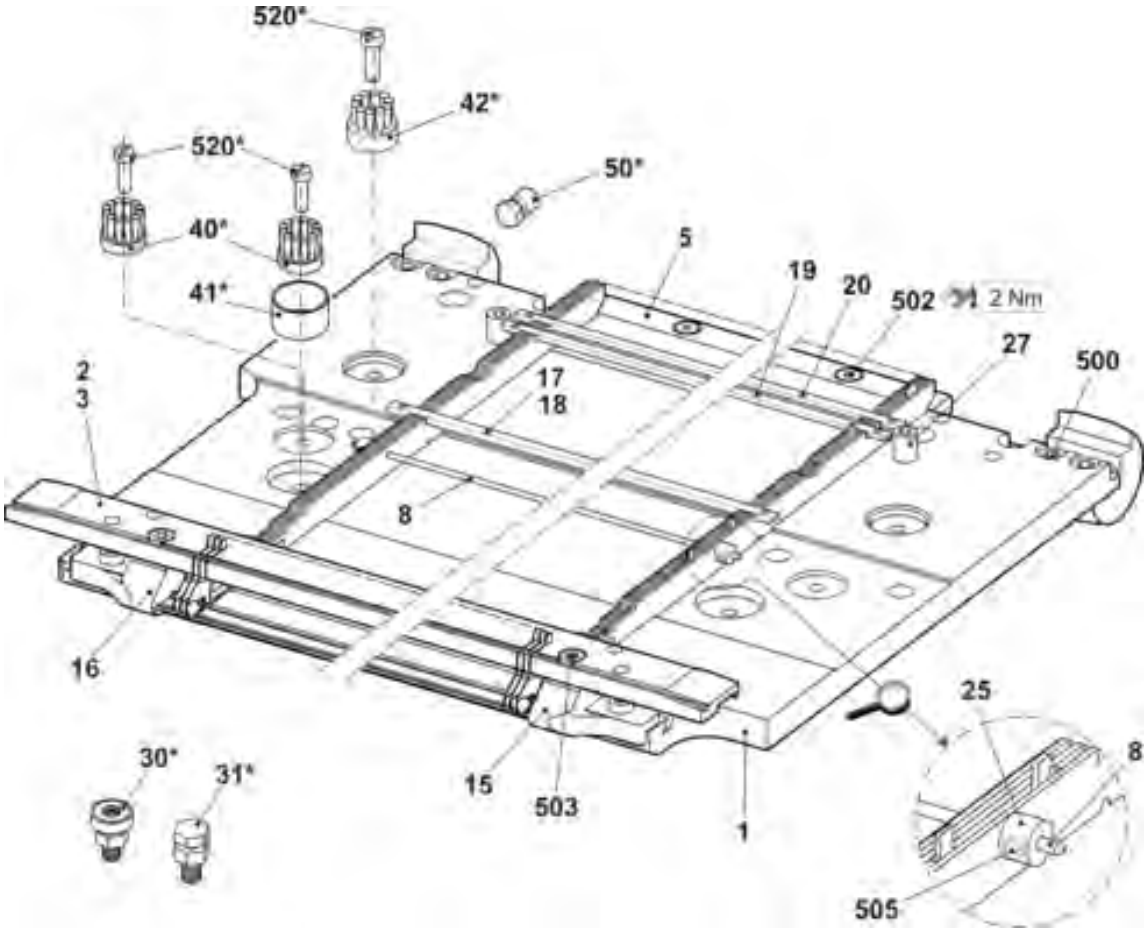
4.3 Needle bed E14

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



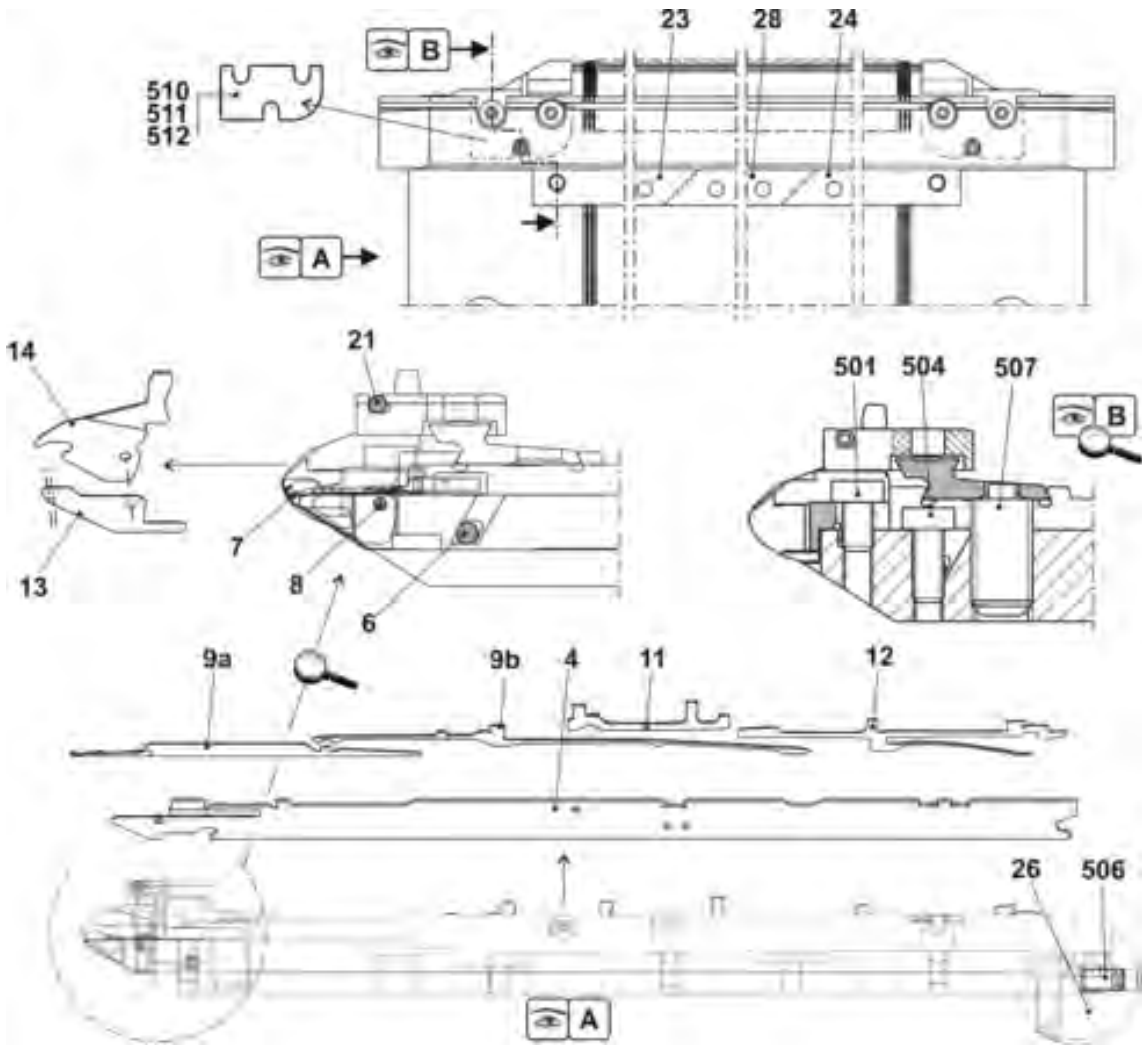
4.3.1 Continuation needle bed E14

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE14	256 535				
1	Needle bed at the front + rearE14 E7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E14	238 026		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E14	238 032		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E7.2	237 508		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



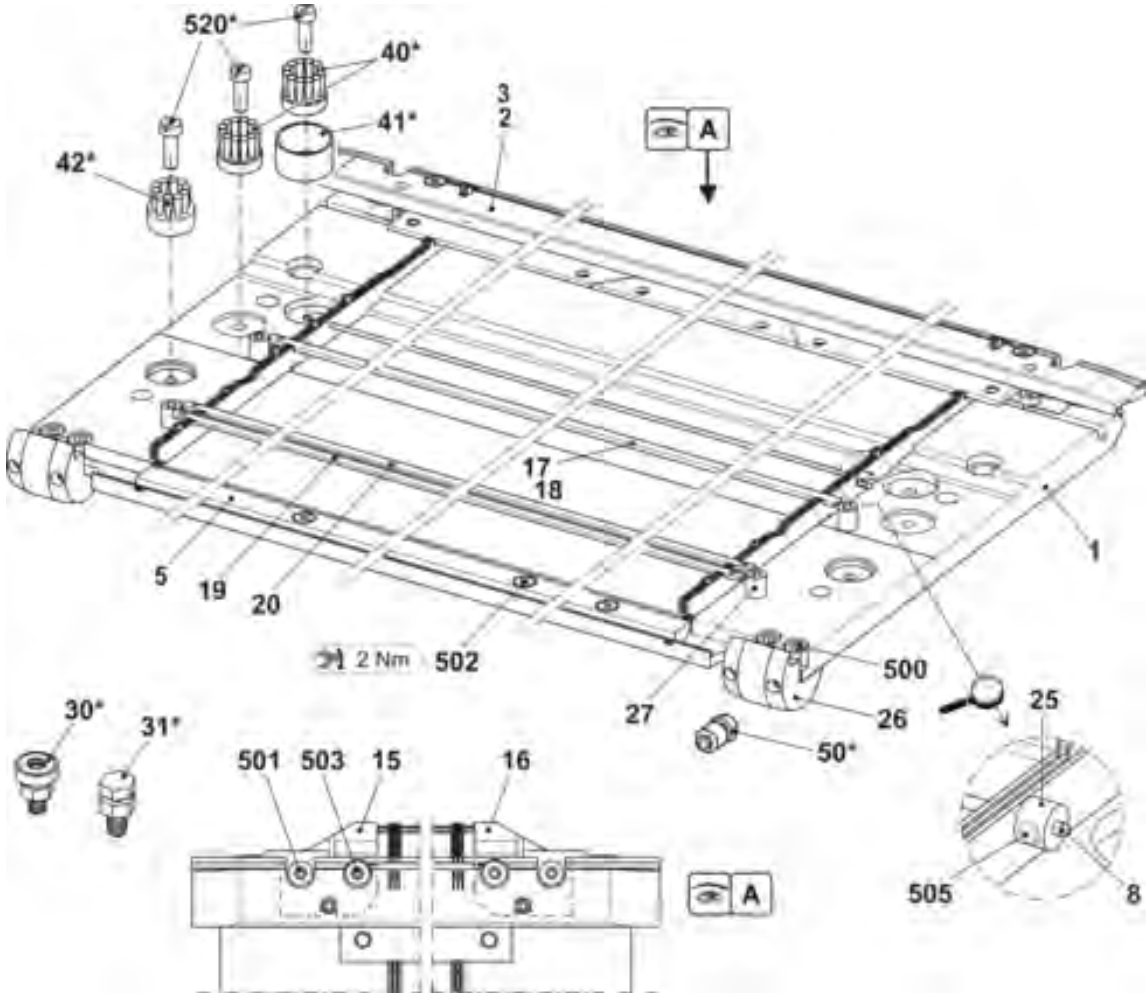
4.4 Needle bed E16

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE16	256 536				
4	Main trick wall E16	245 319		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E16-18	232 243		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537		506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265		507	Springy thrust piece B-M10	023 177
13	Knock-over bit wire position E8.2	258 400		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E16	222 504		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950		512	Shim0,2x18,5x34	023 253



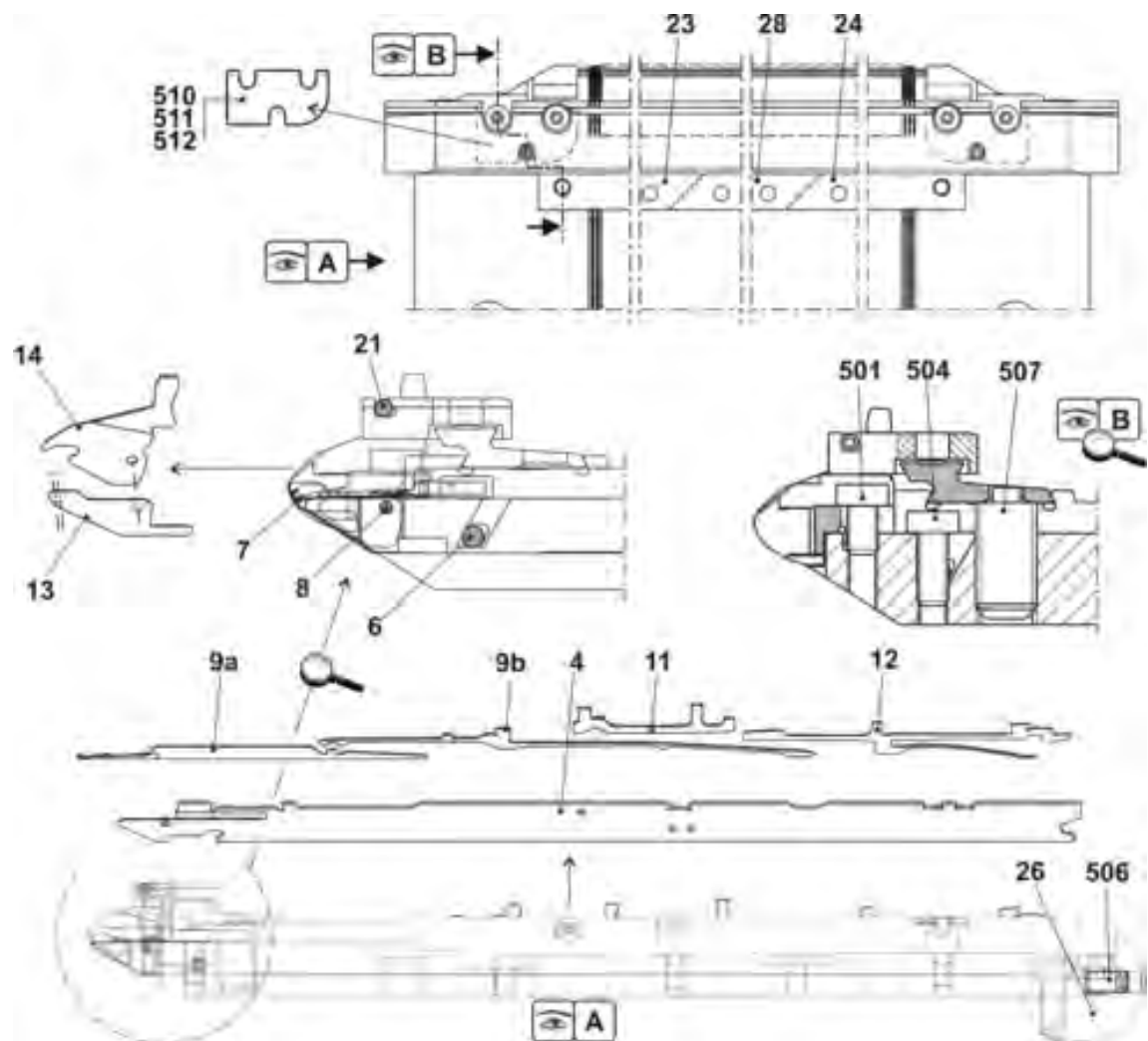
4.4.1 Continuation needle bed E16

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE16	256 536				
1	Needle bed at the front + rearE16	253 466		27	Stop screw	235 244
2	Holding-down jack bed at the front E16	238 917		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E16	238 920		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E16	238 925		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



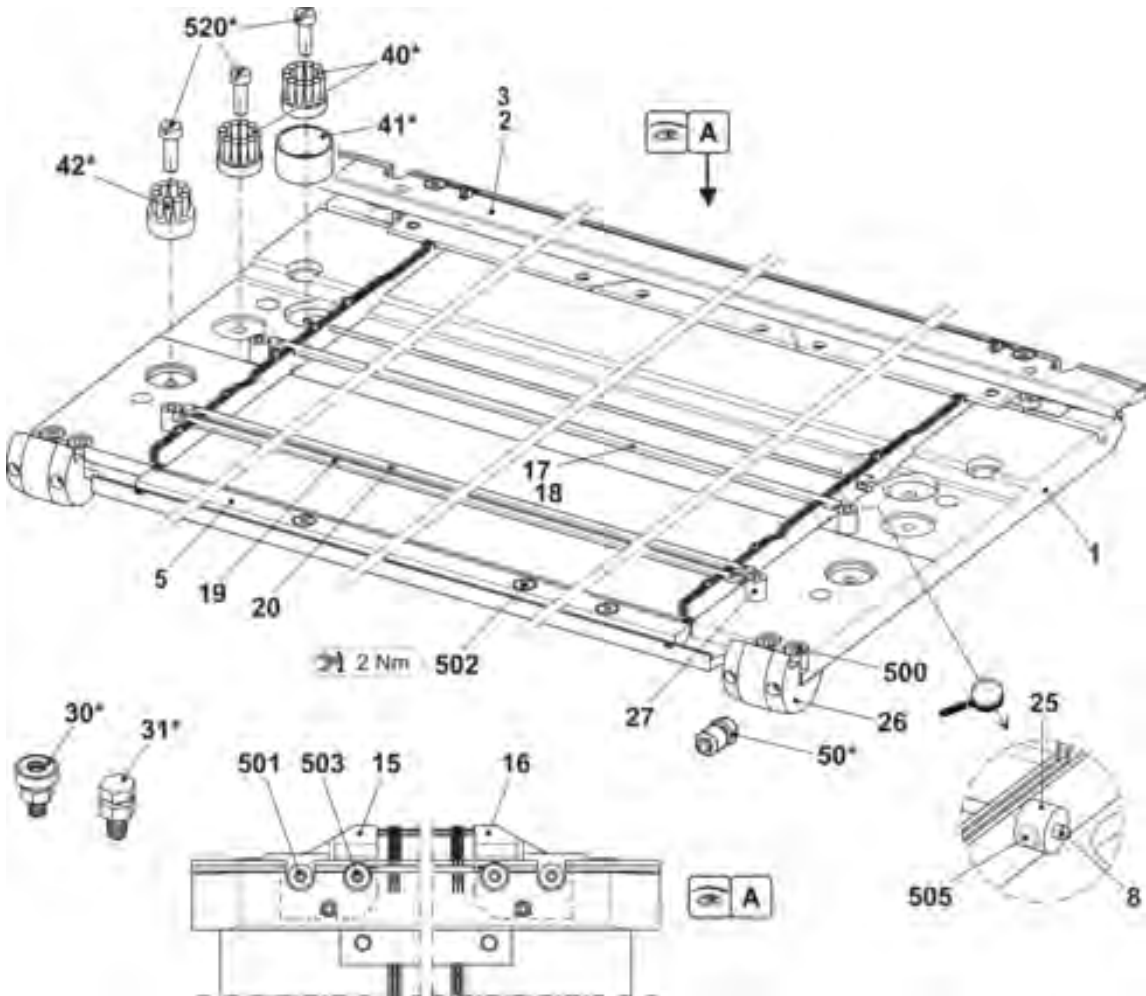
4.5 Needle bed E18

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE18	255 114				
4	Main trick wall E18	251 051		23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868		24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942		26	Support	206 352
8	Spring steel wire Ø2	251 085		28	Needle bar in the middle	237 387
9a	Needle E18	239 527		501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384		504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537		506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265		507	Springy thrust piece B-M10	023 177
13	Knock-over bit wire position 0,8 mm	258 595		510	Shim0,05x18,5x34	023 196
14	Holding-down jack E18	220 770		511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950		512	Shim0,2x18,5x34	023 253



4.5.1 Continuation needle bed E18

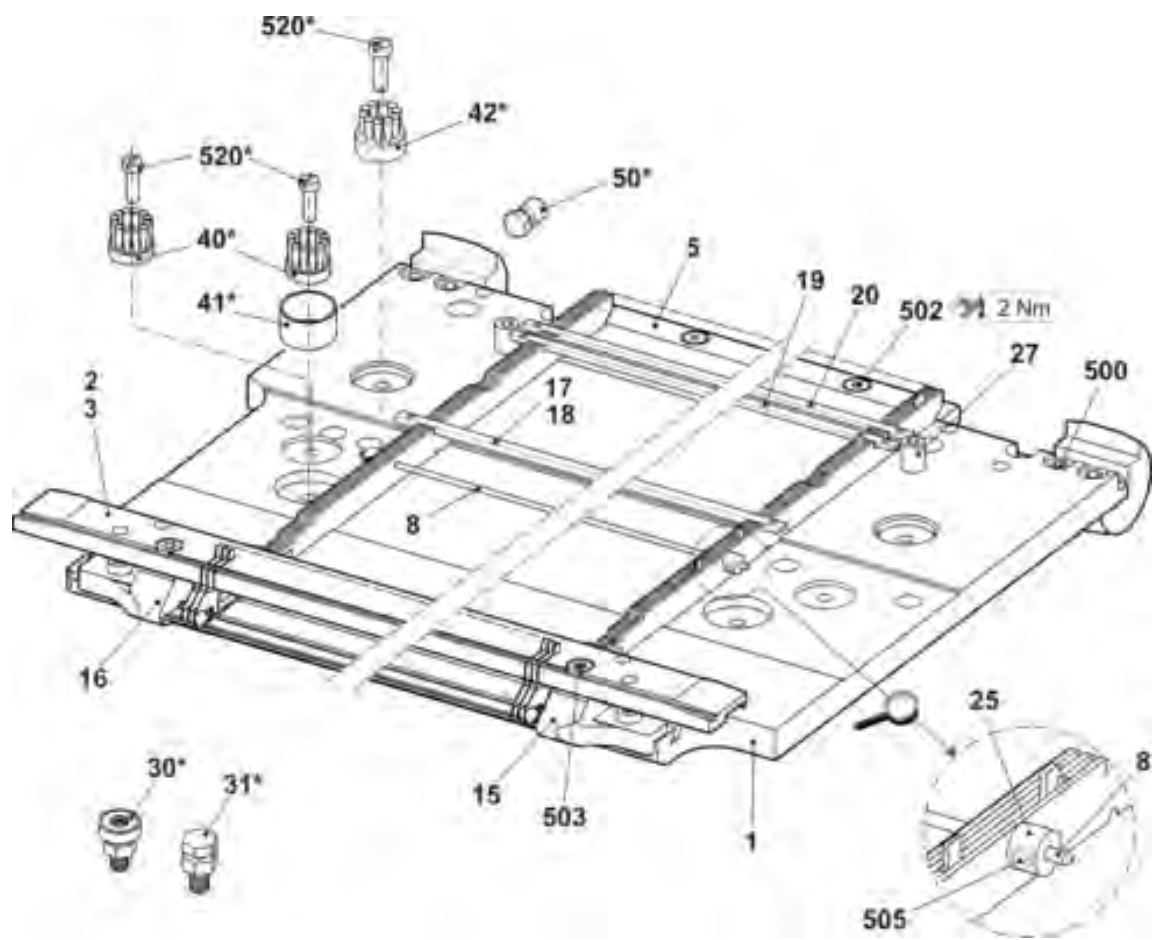
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE18	255 114				
1	Needle bed at the front + rearE18	253 467		27	Stop screw	235 244
2	Holding-down jack bed at the front E18	238 918		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E18	238 921		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E9.2	238 020		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



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

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

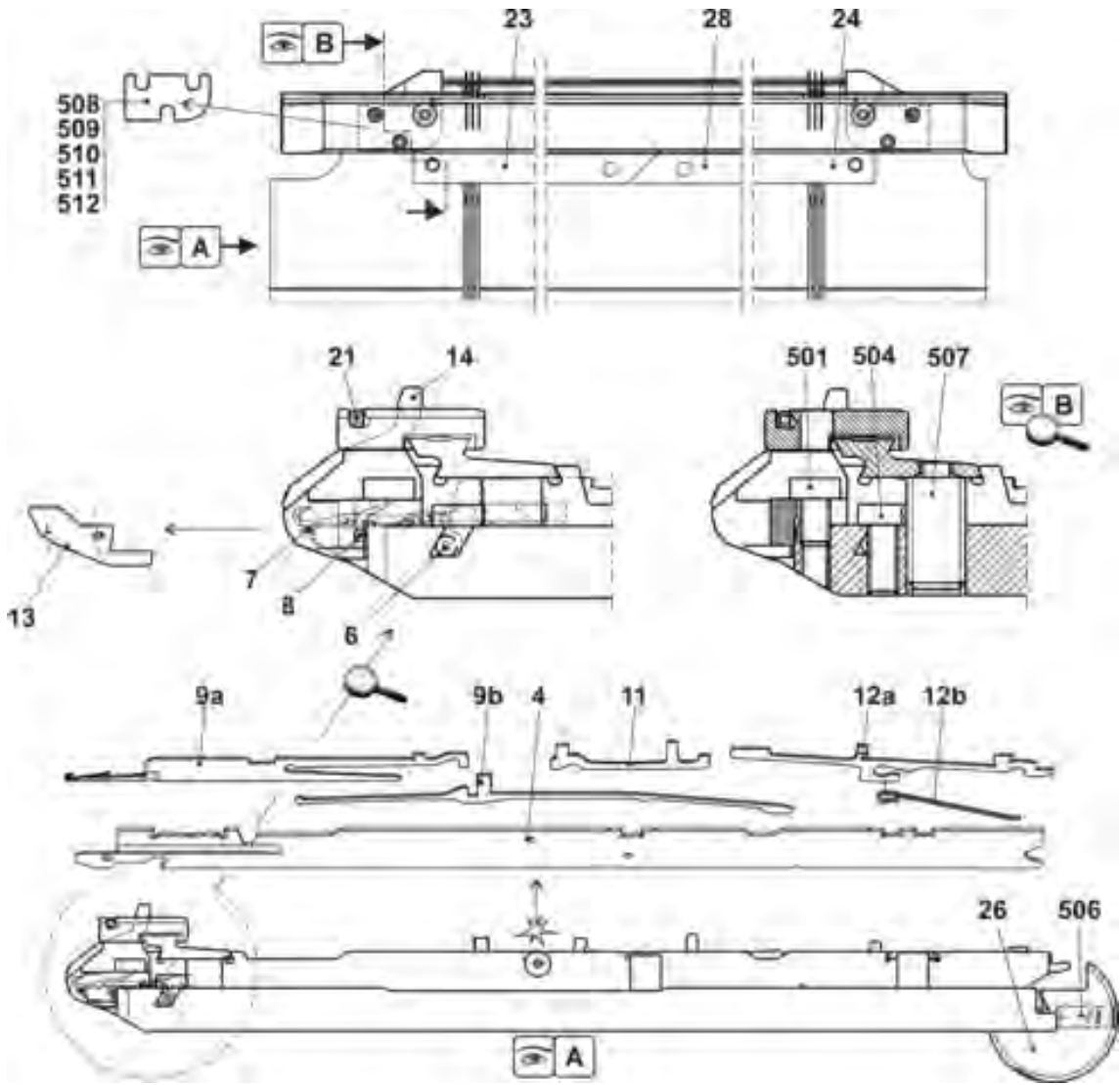
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE12m.10	256 537				
1	Needle bed at the front + rearE12 E6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E12	238 025		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E12	238 031		502	Cap screw M5x8	023 379
5	Pressure slide	237 509		503	Cap screw M5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the leftE10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the rightE10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the frontE6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screw M5x12	020 032



4.7 Needle bed E6.2 k&w

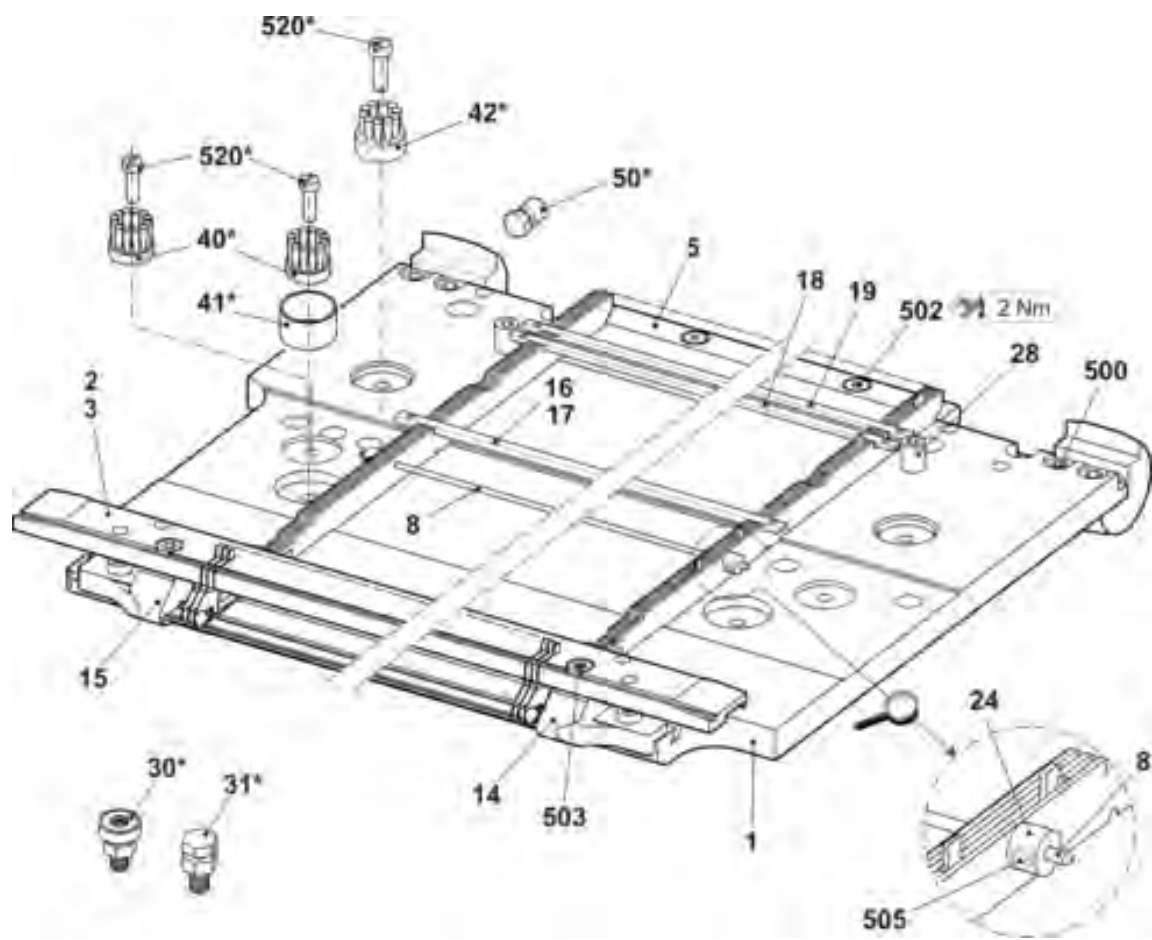
4.7 Needle bed E6.2 k&w

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



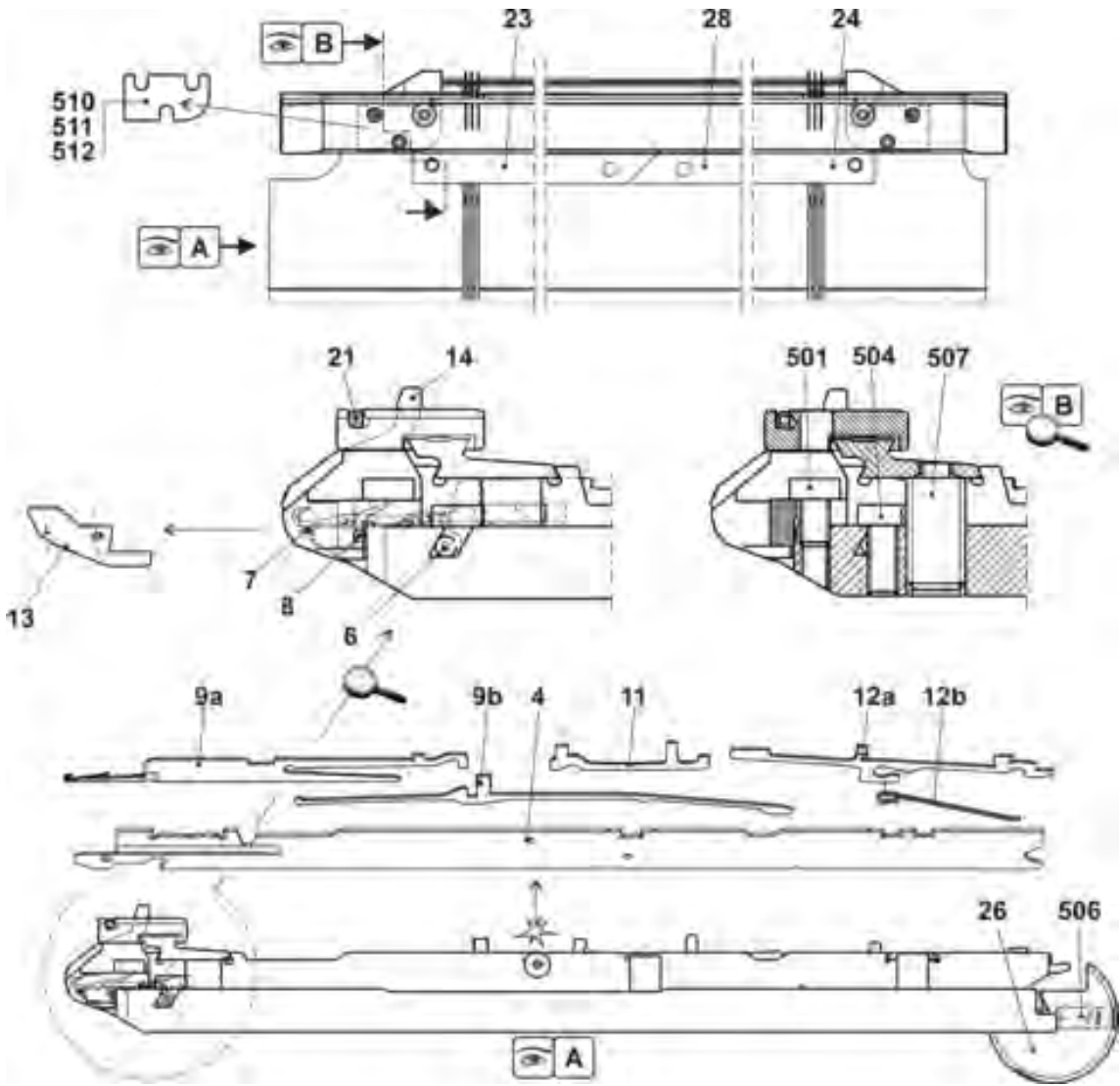
4.7.1 Continuation needle bed E6.2 k&w

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



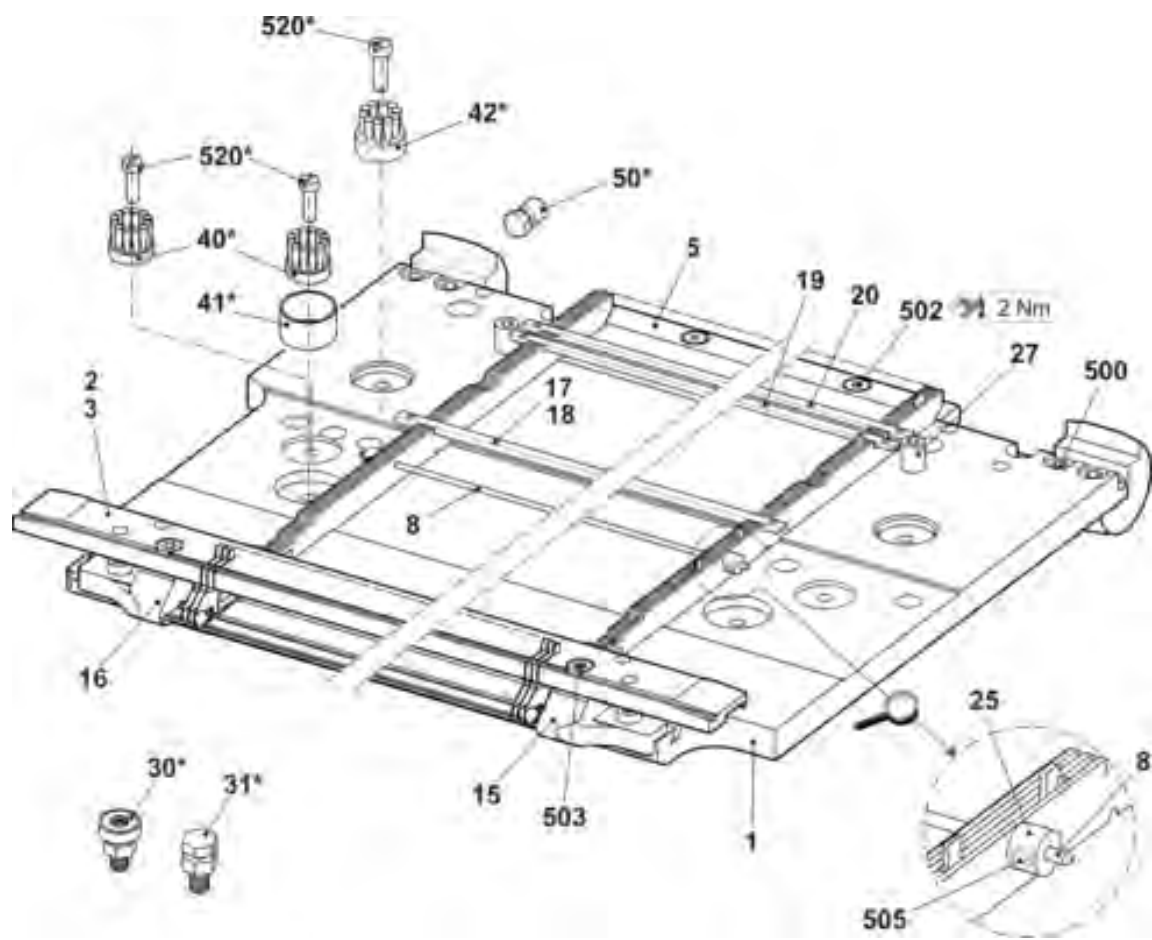
4.8 Needle bed E7.2 k&w

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



4.8.1 Continuation needle bed E7.2 k&w

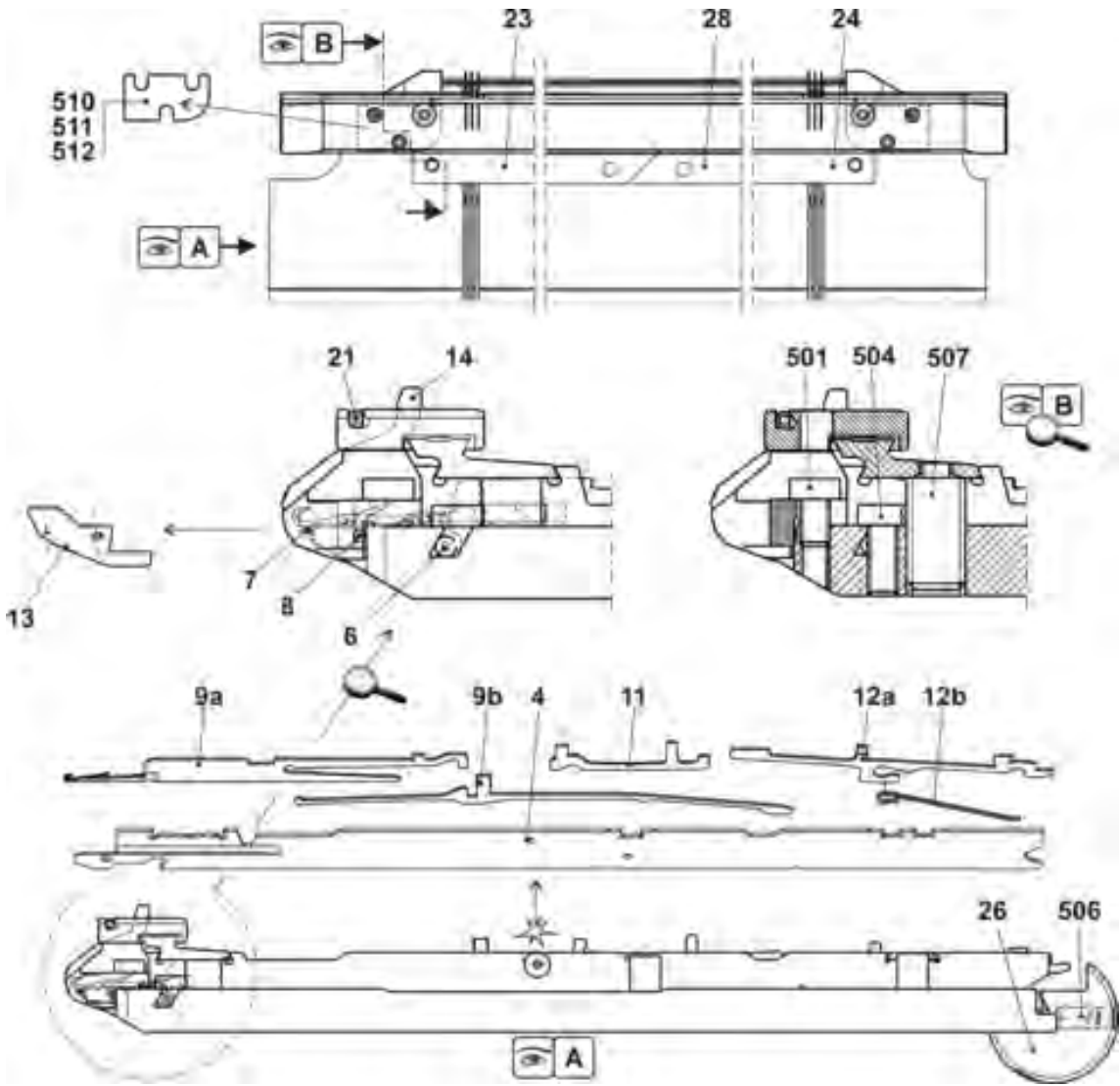
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	256 538				
1	Needle bed at the front + rearE7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E7.2	237 493		500	Cap screw M6x14	022 658
3	Holding-down jack bed at the rear E7.2	237 501		502	Cap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



4.9 Needle bed E6.2 mg

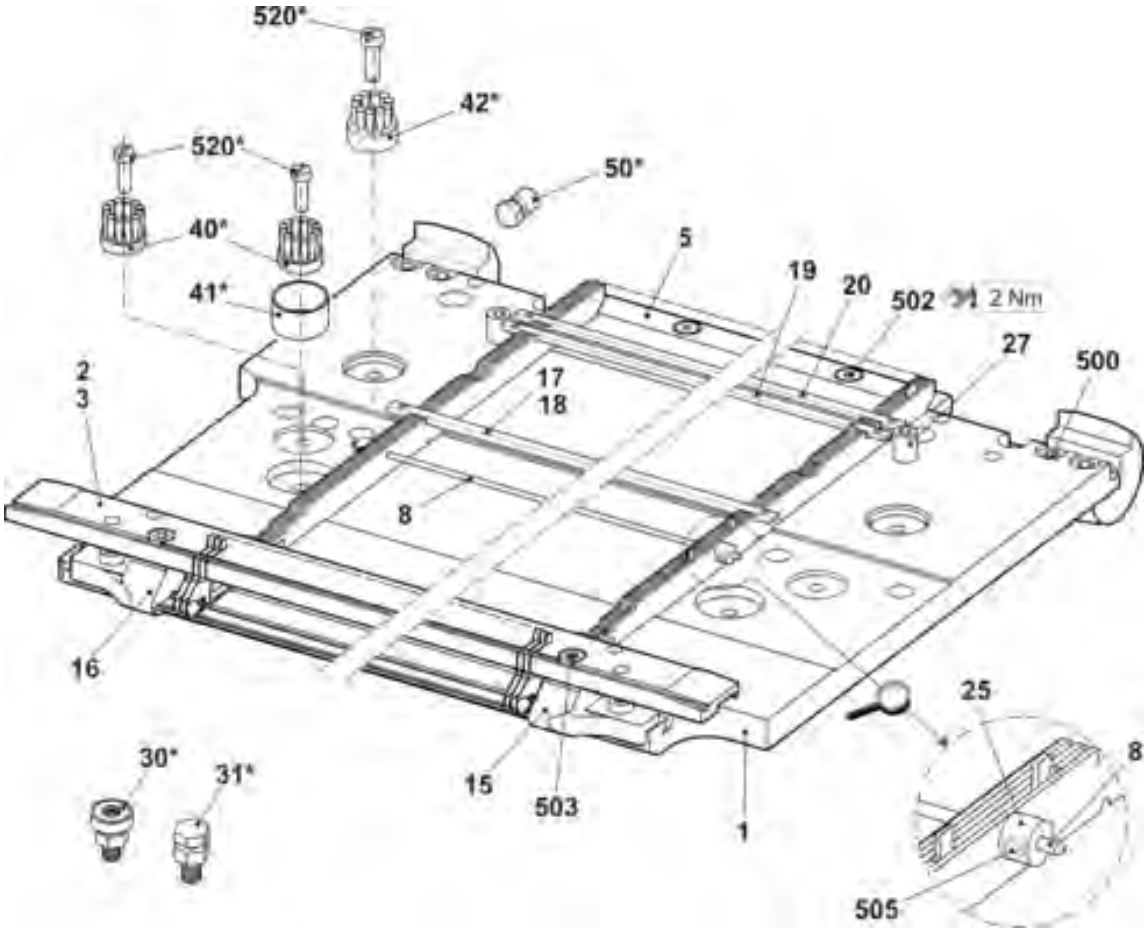
4.9 Needle bed E6.2 mg

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



4.9.1 Continuation needle bed E6.2 mg

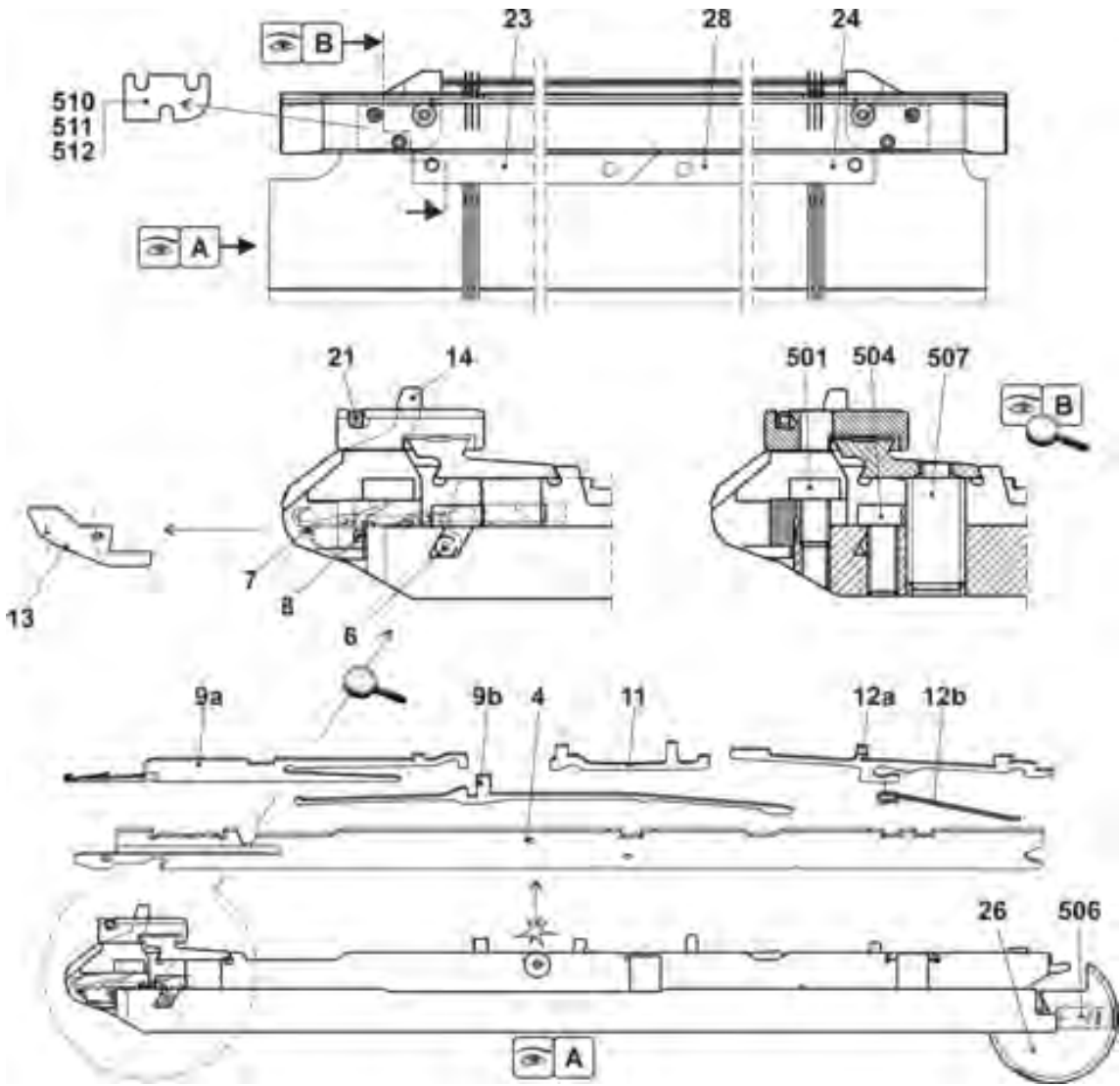
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE6.2	256 539				
1	Needle bed at the front + rearE12 E6.2	253 463		27	Stop screw	235 244
2	Holding-down jack bed at the front E6.2	237 492		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E6.2	237 500		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E6.2	237 507		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



4.10 Needle bed E7.2 mg

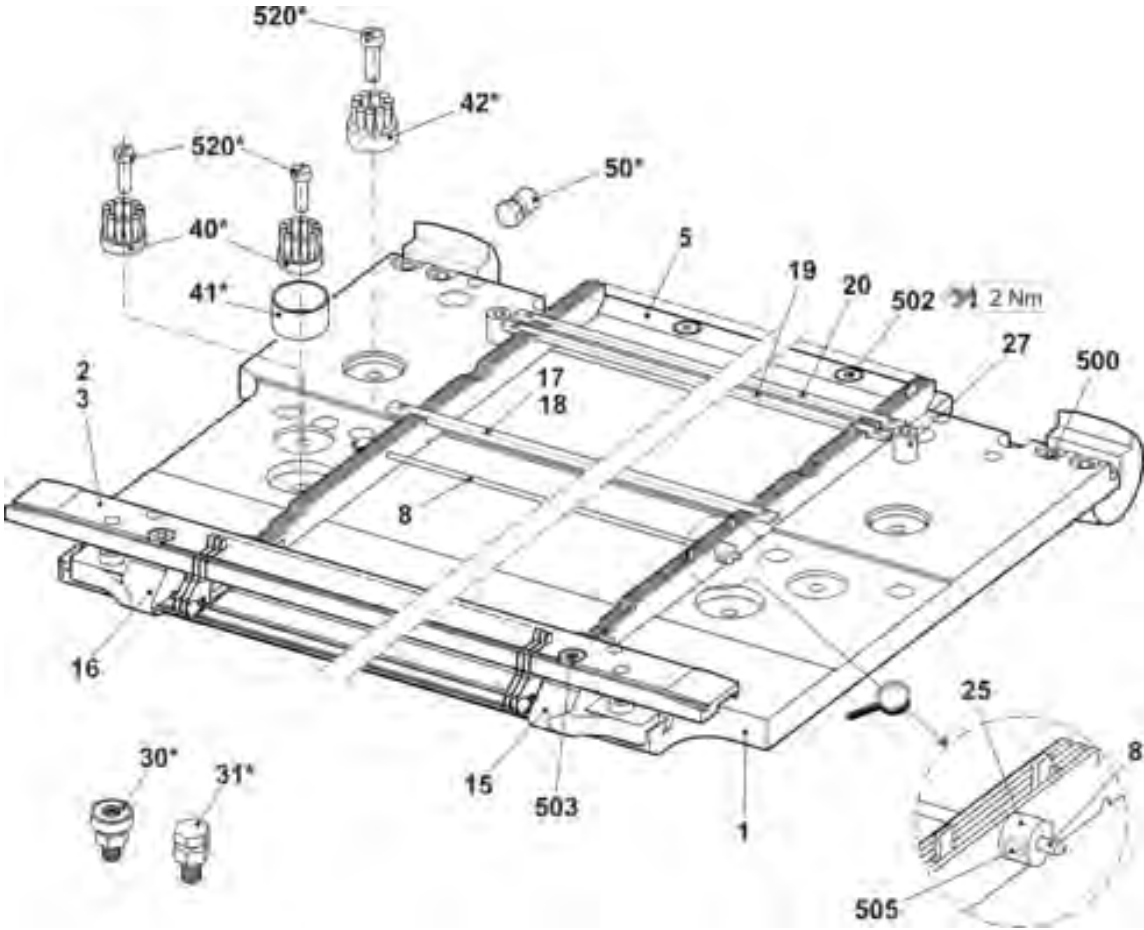
4.10 Needle bed E7.2 mg

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



4.10.1 Continuation needle bed E7.2 mg

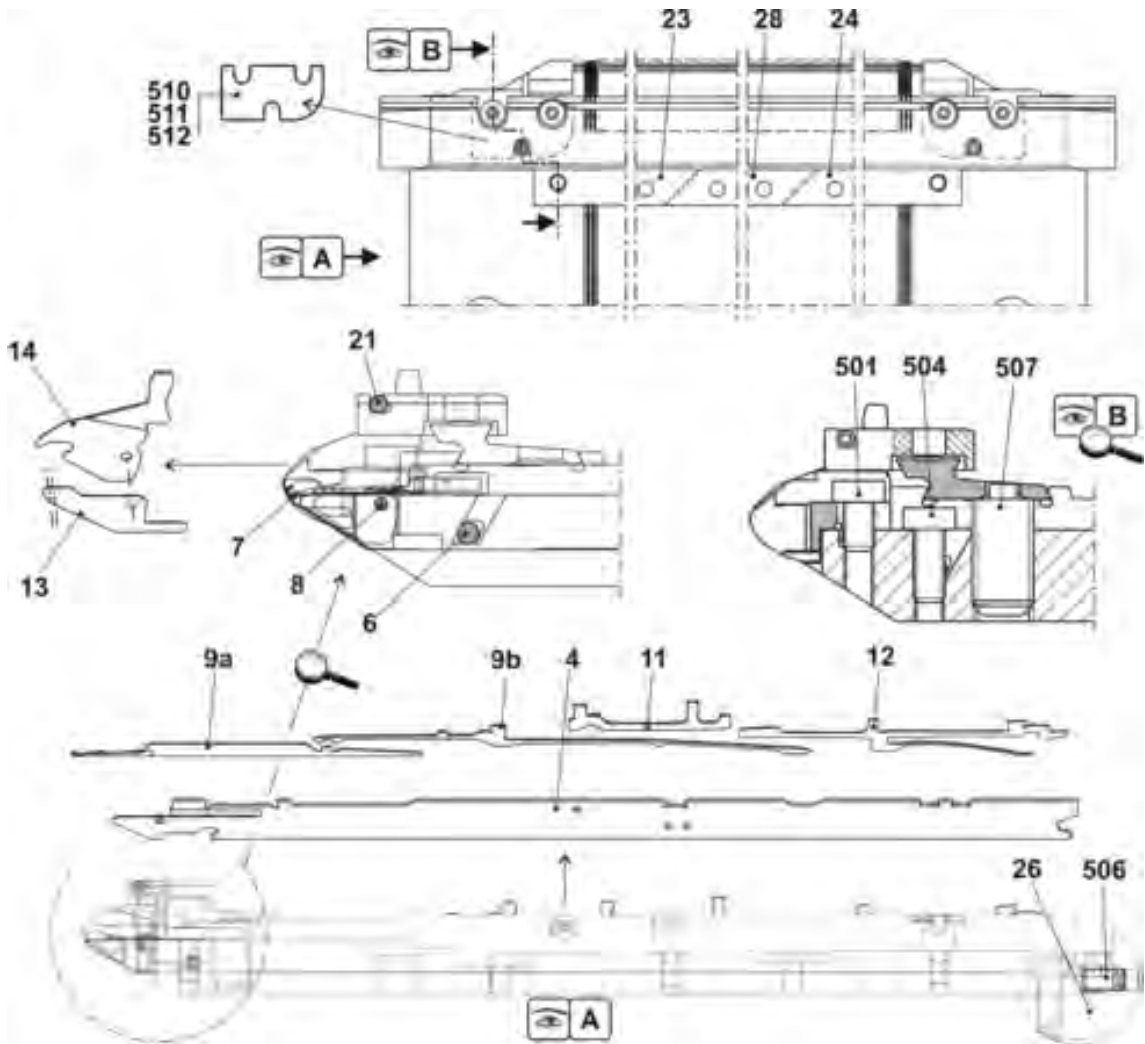
Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE7.2	255 115				
1	Needle bed at the front + rearE7.2	253 464		27	Stop screw	235 244
2	Holding-down jack bed at the front E7.2	237 493		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E7.2	237 501		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E10-14	205 764		30*	Adjusting piece	206 375
16	Limiter on the right E10-14	205 765		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E7.2	237 508		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



4.11 Needle bed E8.2 mg

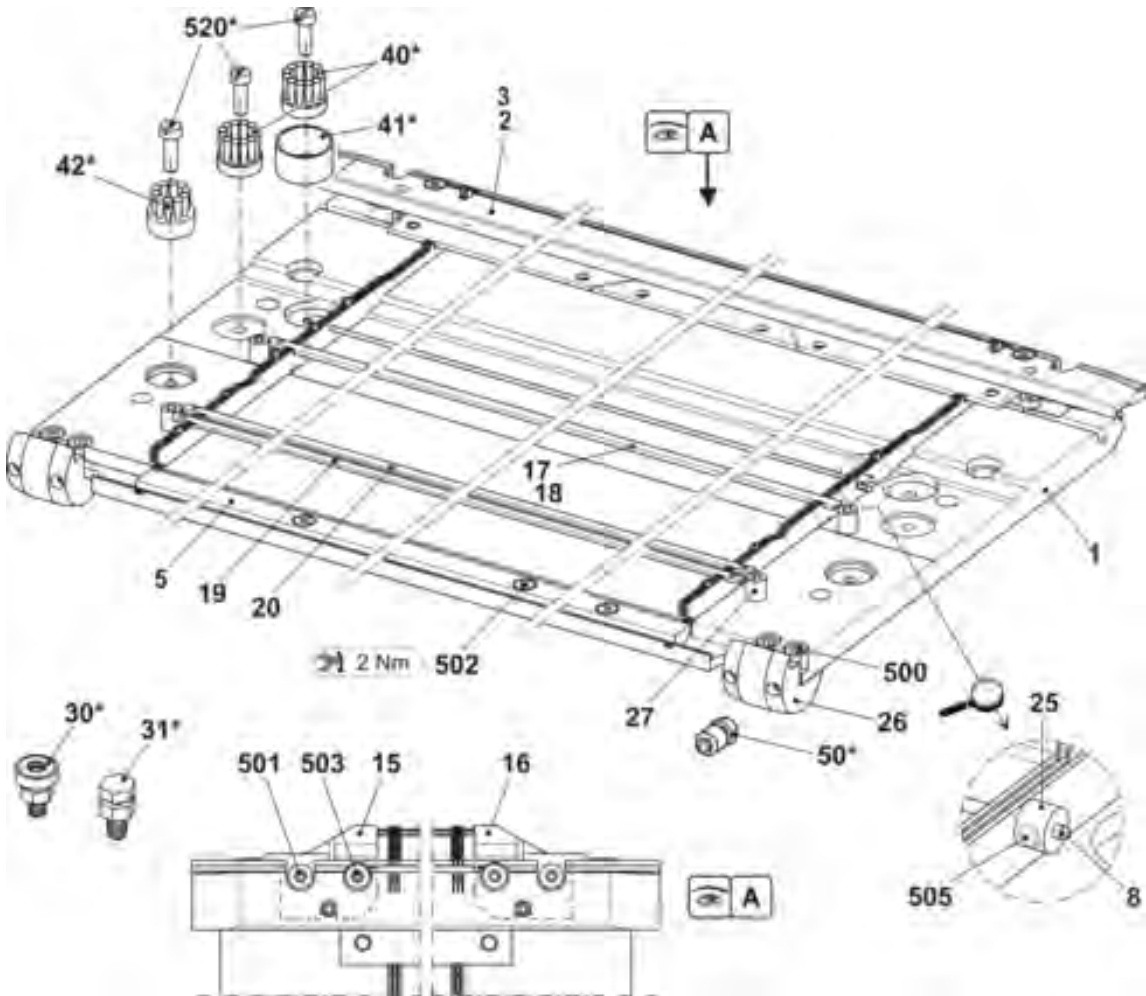
4.11 Needle bed E8.2 mg

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rearE8.2 mg	256 540			
4	Main trick wall E16	245 319	23	Needle bar on the left	205 311
6	Locating wire Ø3,4	223 868	24	Needle bar on the right	205 312
7	Spring steel wire Ø0,5	238 942	26	Support	206 352
8	Spring steel wire Ø2	251 085	28	Needle bar in the middle	237 387
9a	Needle E8.2	240 026	501	Cap screw M5x8-8.8 M	023 154
9b	Coupling part E16-18	253 384	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16-18	255 537	506	Setscrew M6x12-45	022 400
12	Selection jack E16-20	222 265	507	Springy thrust piece B-M10	023 177
13	Knock-over bit wire position 0.8 mm E8.2	258 400	510	Shim0,05x18,5x34	023 196
14	Holding-down jack E16	222 504	511	Shim0,1x18,5x34	023 197
21	Locating wire Ø2,8	238 950	512	Shim0,2x18,5x34	023 253



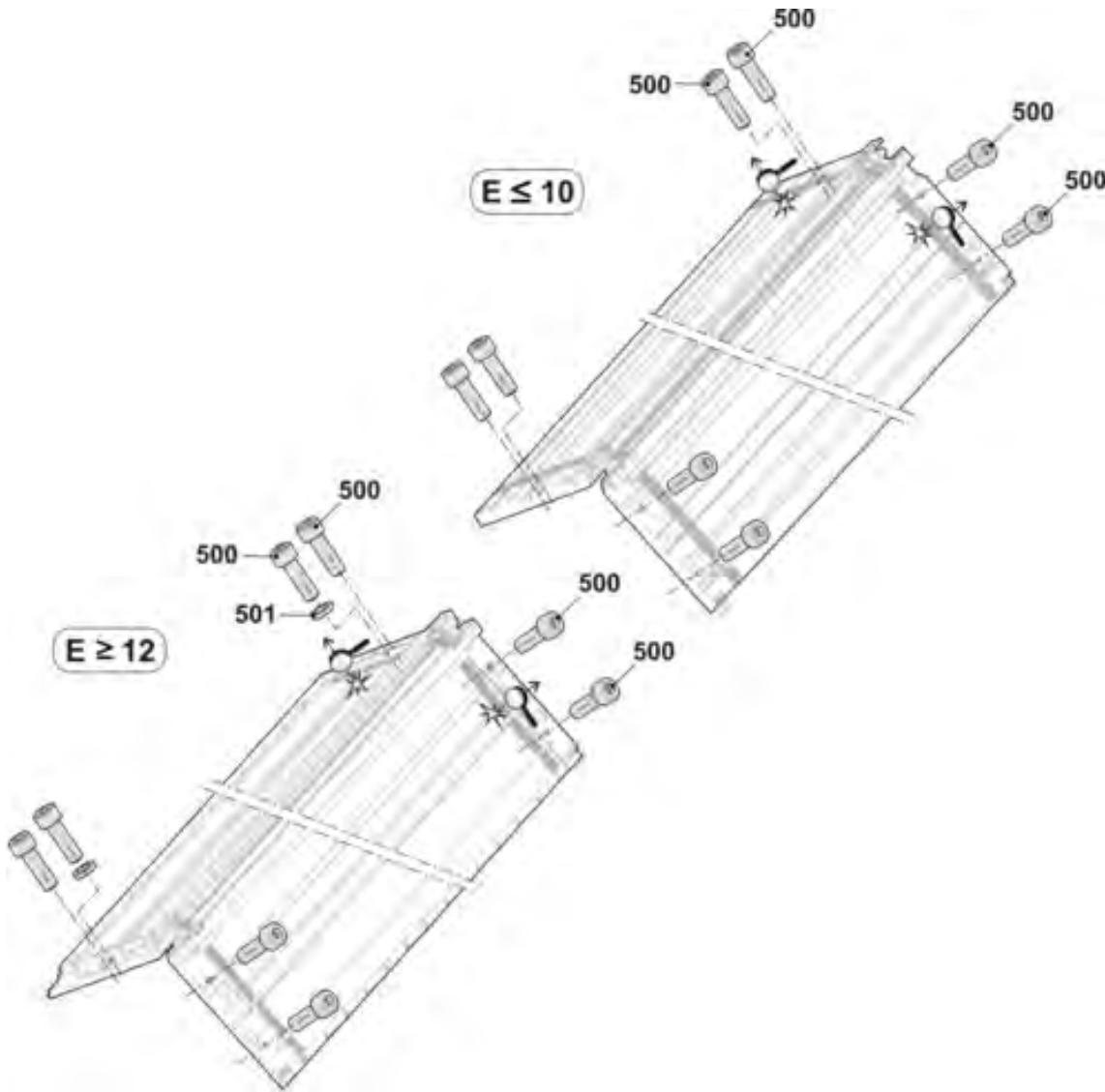
4.11.1 Continuation needle bed E8.2 mg

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle bed complete at the front + rearE8.2	256 540				
1	Needle bed at the front + rearE16	253 466		27	Stop screw	235 244
2	Holding-down jack bed at the front E16	238 917		500	Cap screwM6x14	022 658
3	Holding-down jack bed at the rear E16	238 920		502	Cap screwM5x8	023 379
5	Pressure slide	237 509		503	Cap screwM5x22	023 193
8	Spring steel wire Ø2,0	251 085		505	SetscrewM3,5x3-1	020 512
15	Limiter on the left E16-20	220 821		30*	Adjusting piece	206 375
16	Limiter on the right E16-20	220 822		31*	Set screw complete	207 712
17	Cover rail at the rear	237 379		40*	Disk brush	235 612
18	Cover rail at the front E16	238 925		41*	Container disk brush	233 012
19	Cover rail	237 382		42*	Disk brush ø12	202 600
20	Cover rail	237 383		50*	Adjusting bolt	240 765
25	Bush	206 090		520*	Cap screwM5x12	020 032



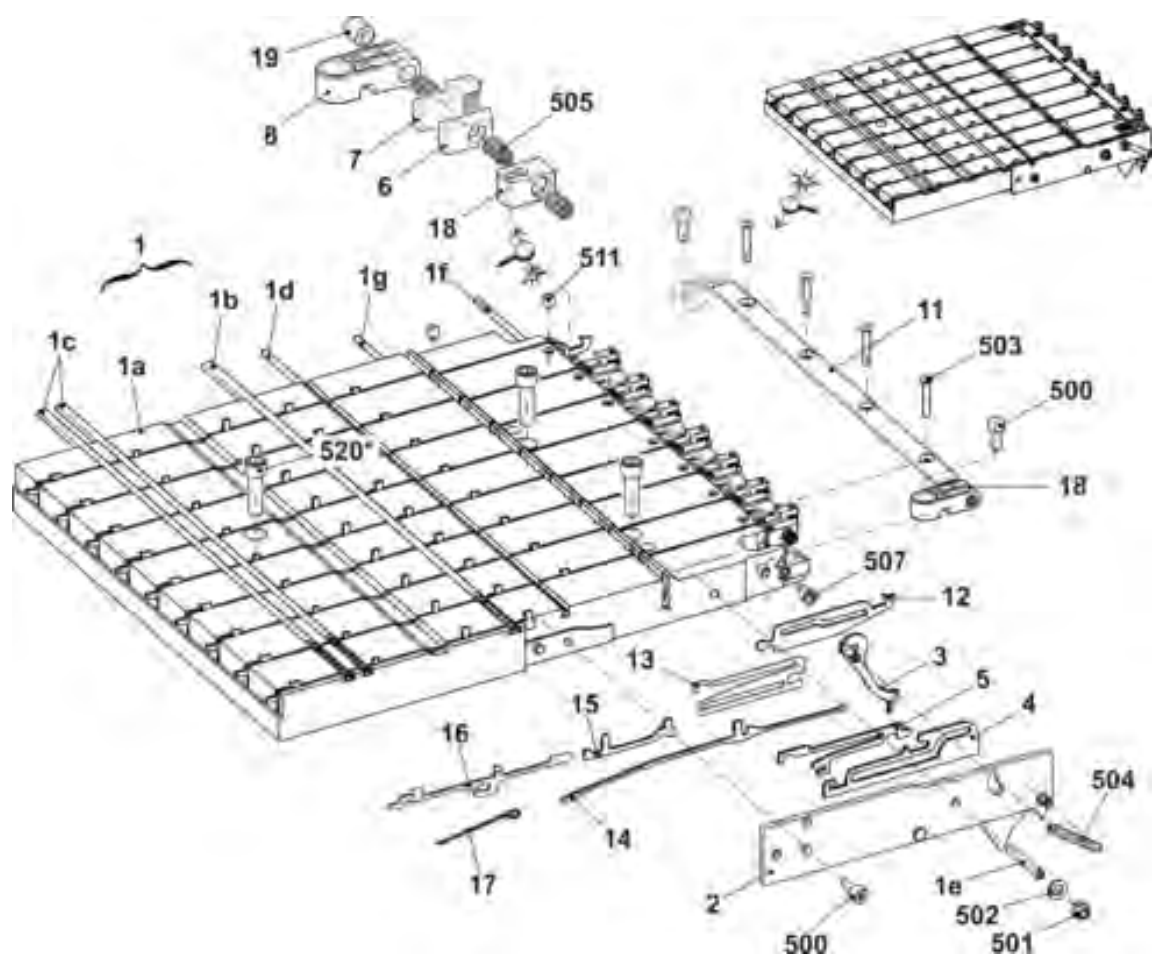
4.12 Needle beds, fixing elements

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



4.13 Left clamping and cutting bed
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)|E14/12

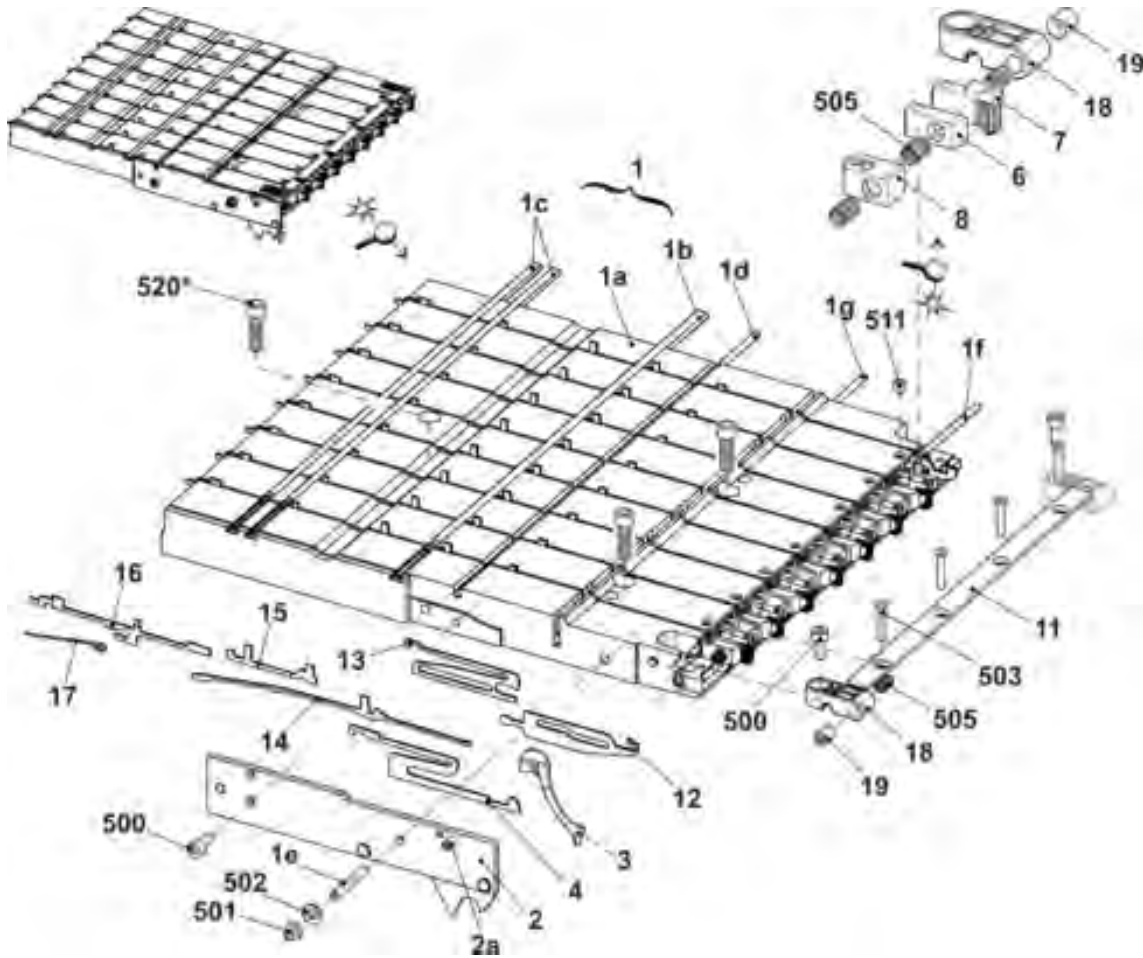
Pos	Designation		ID		Pos	Designation		ID
Σ	Left clamping and cutting bed		253 162		11	Holding strip		253 176
1	Guide plate EPT on the left E5-14		257 194		12	Tuck needle on the left E5-14		255 813
	1a	Guide plate on the left E10-14	257 190		13	Intermediate cam E10-14		244 591
	1b	Cover rail	253 173		14	Coupling part E5-8		253 381
	1c	Cover rail	253 174		15	Intermediate slider with brake E5-8		255 534
	1d	Locating wire	253 172		16	Selection jack E4-8		200 687
	1e	Guide pin	211 351		17	Selector spring E4-8		200 690
	1f	Locating wire	253 171		18	Spring holder		255 724
	1g	Locating wire	215 927		19	Threaded bolt		255 723
	511	SetscrewM5x5	236 061		500	Cap screwM4x10		023 136
2	Cover on the left complete E10-14		251 120		501	Hexagon nut M4		023 046
3	Catch hook on the left E10-18		255 622		502	Washer4		020 870
4	SliderE10-14		253 089		503	Pan-head screw M3x18		242 728
5	Intermediate cam E10-14		253 090		504	Tension spring 5x0,5x17,4		023 377
6	Blade		243 948		505	Compression spring 07x4,3x12,1		023 521
7	Clamp on the left complete		244 633		507	Springy thrust piece		023 403
8	Intermediate piece		255 719		520*	Cap screwM6x20		244 824



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

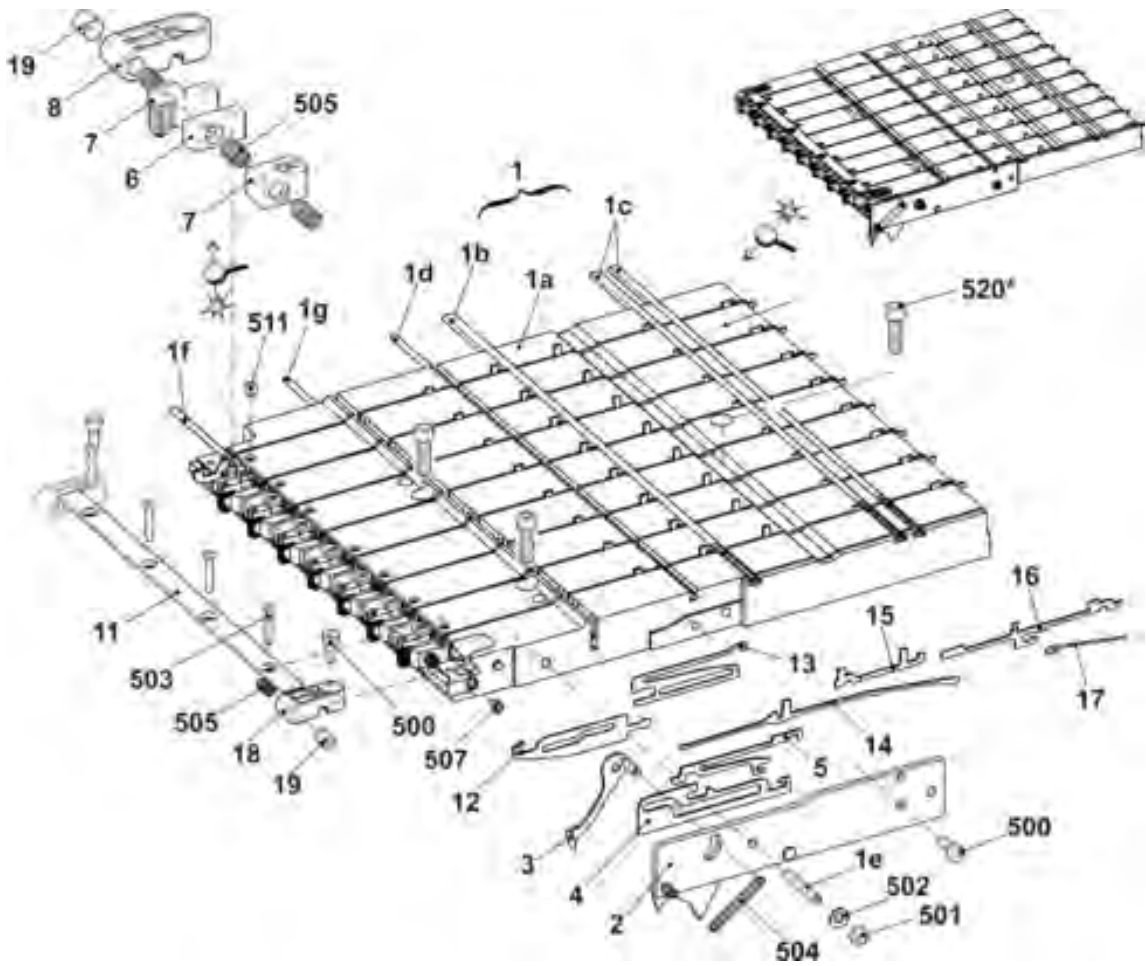
4.14 Left clamping and cutting bed E16|E18|E8.2

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



4.15 Right clamping and cutting bed
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)|E14/12

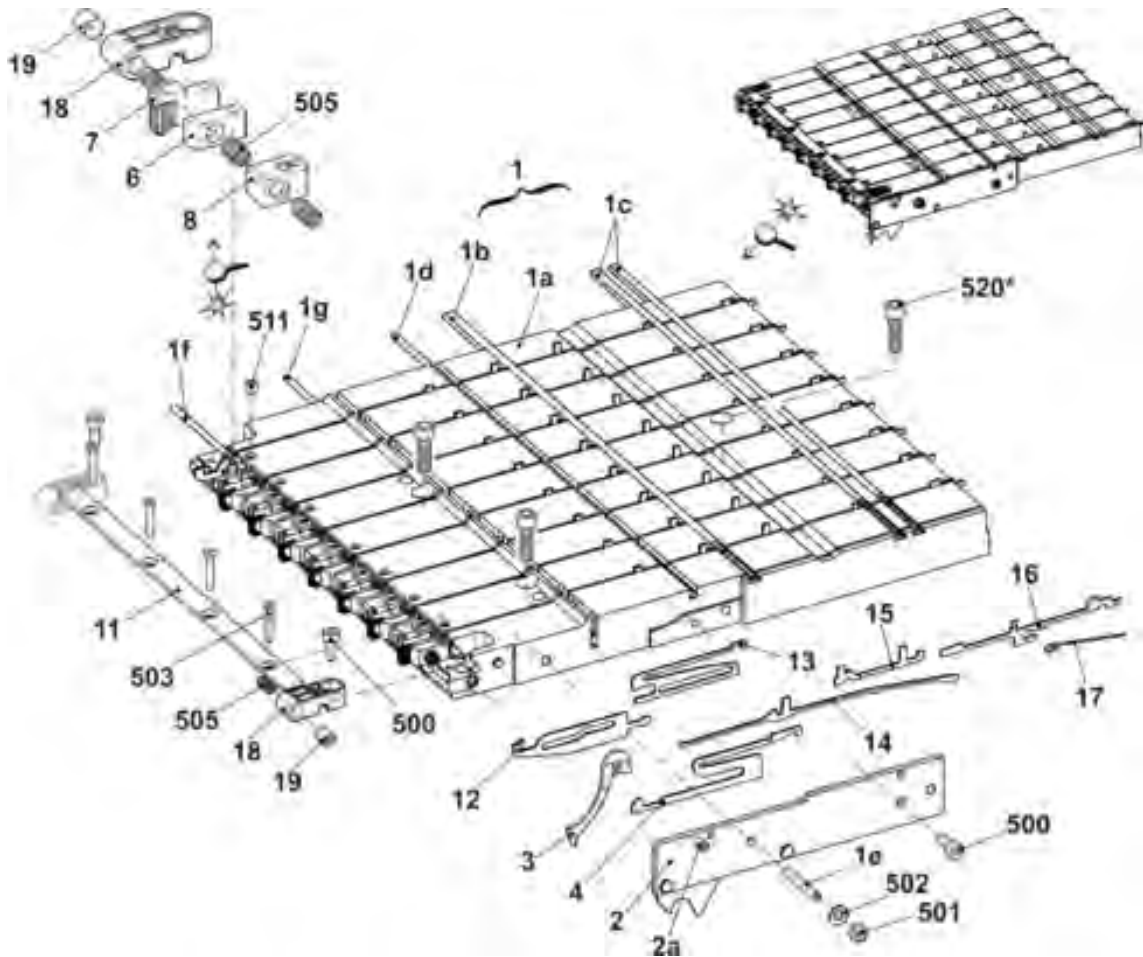
Pos	Designation	ID	Pos	Designation	ID
Σ	Clamping and cutting bed on the right	253 161	11	Holding strip	253 176
1	Guide plate EPT on the right E5-14	257 193	12	Tuck needle on the right E5-14	255 692
1a	Guide plate on the rightE5-14	257 189	13	Intermediate cam E10-14	244 591
1b	Cover rail	253 173	14	Coupling part E5-8	253 381
1c	Cover rail	253 174	15	Intermediate slider with brake E5-8	255 534
1d	Locating wire	253 172	16	Selection jack E4-8	200 687
1e	Guide pin	211 351	17	Selector spring E4-8	200 690
1f	Locating wire	253 171	18	Spring holder	255 724
1g	Locating wire	215 927	19	Threaded bolt	255 723
511	SetscrewM5x5	236 061	500	Cap screwM4x10	023 136
2	Cover on the right complete E10-14	251 119	501	Hexagon nut M4	023 046
3	Catch hook on the right complete E10-18	255 620	502	Washer4	020 870
4	SliderE10-14	253 089	503	Pan-head screw M3x18	242 728
5	Intermediate cam E10-14	253 090	504	Tension spring 5x0,5x17,4	023 377
6	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the right complete	244 602	507	Springy thrust piece	023 403
8	Intermediate piece	255 719	520*	Cap screwM6x20	244 824



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

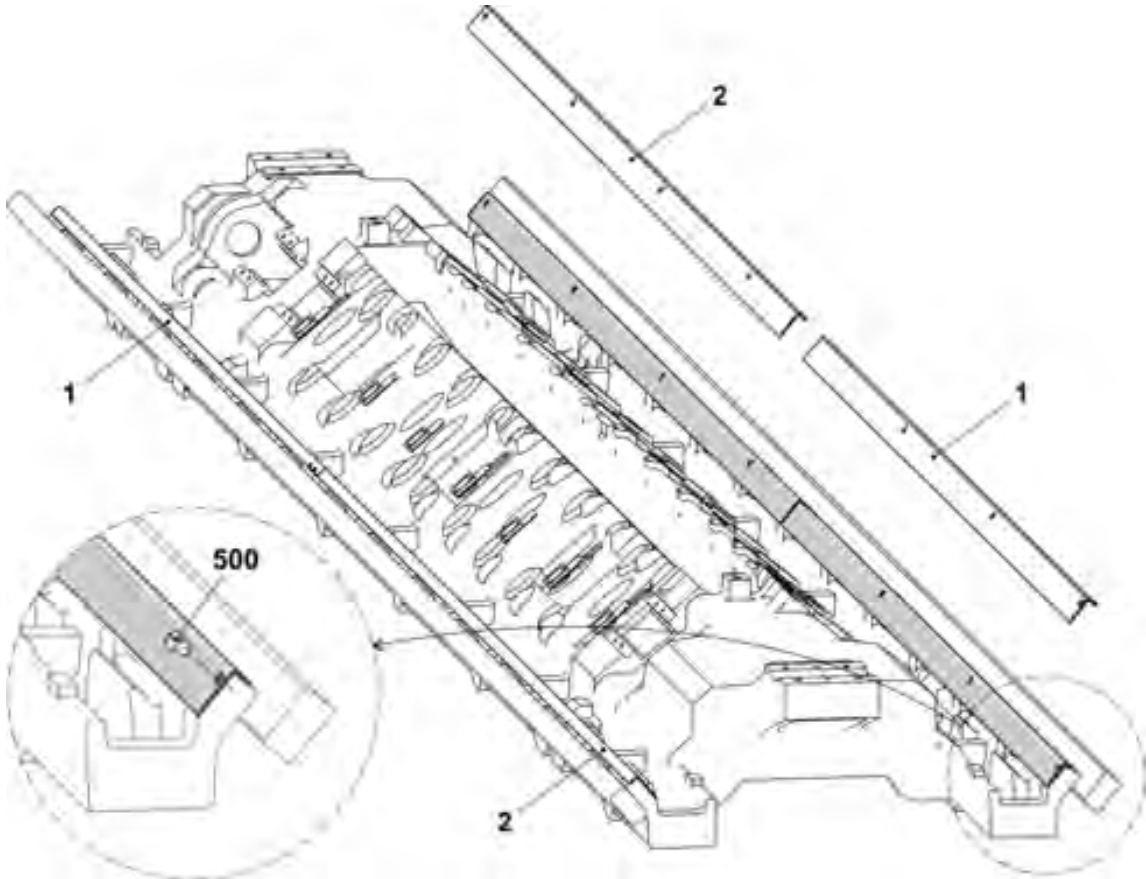
4.16 Right clamping and cutting bed E16|E18|E8.2

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



4.17 Cover on the left and on the right

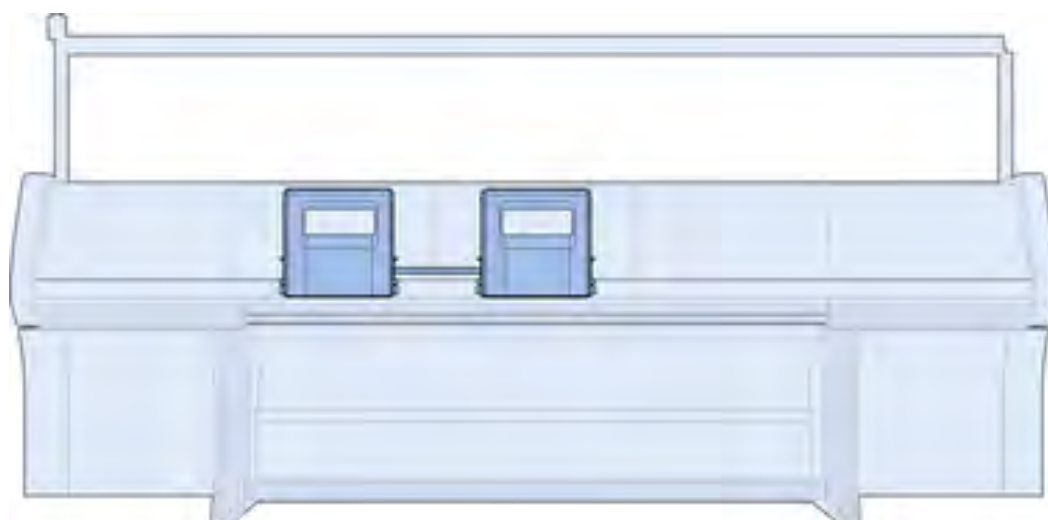
Pos	Designation	ID		Pos	Designation	ID
1	Cover on the left	241 938		500	Pan-head screwM8x10	241 930
2	Cover on the right	241 939				



4.17 Cover on the left and on the right

Notes:

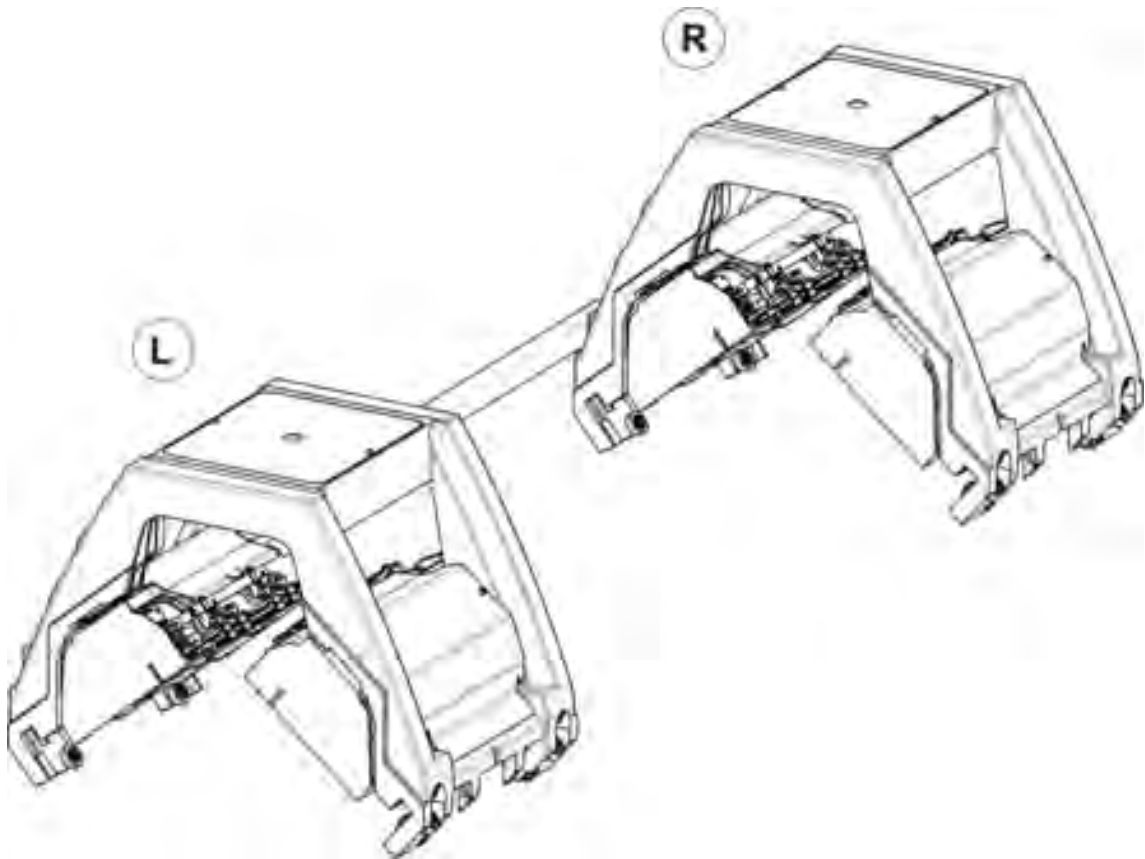
5 Tandem carriage



5.1 Overview of carriage

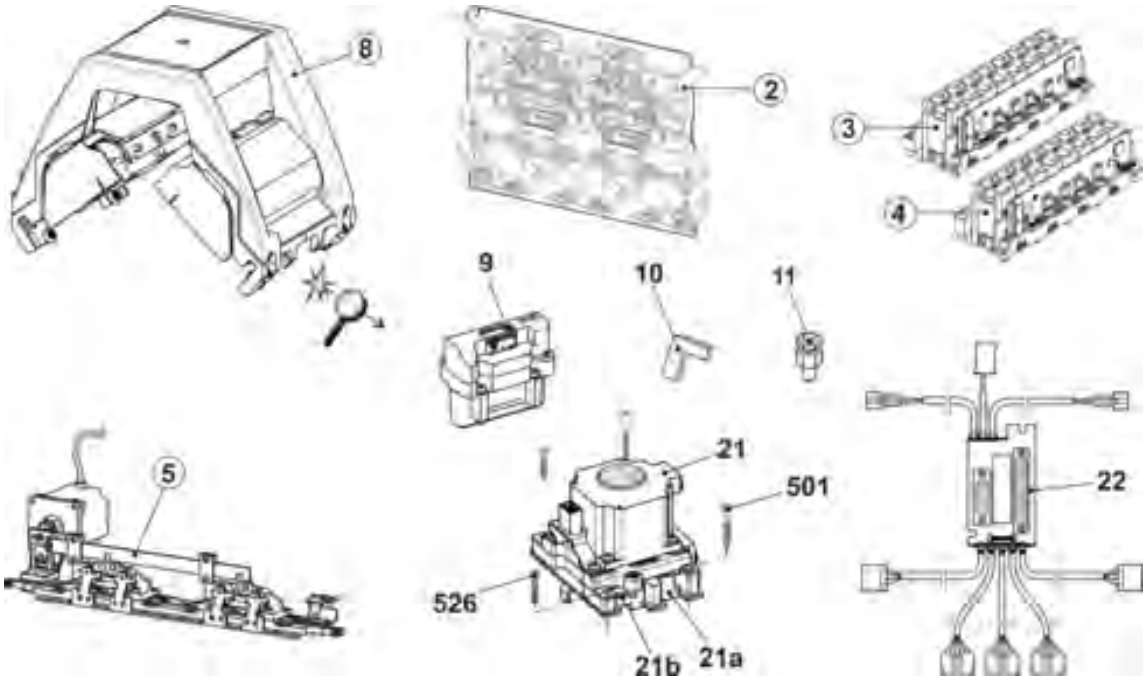
5.1 Overview of carriage

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



5.1.1 Carriage components

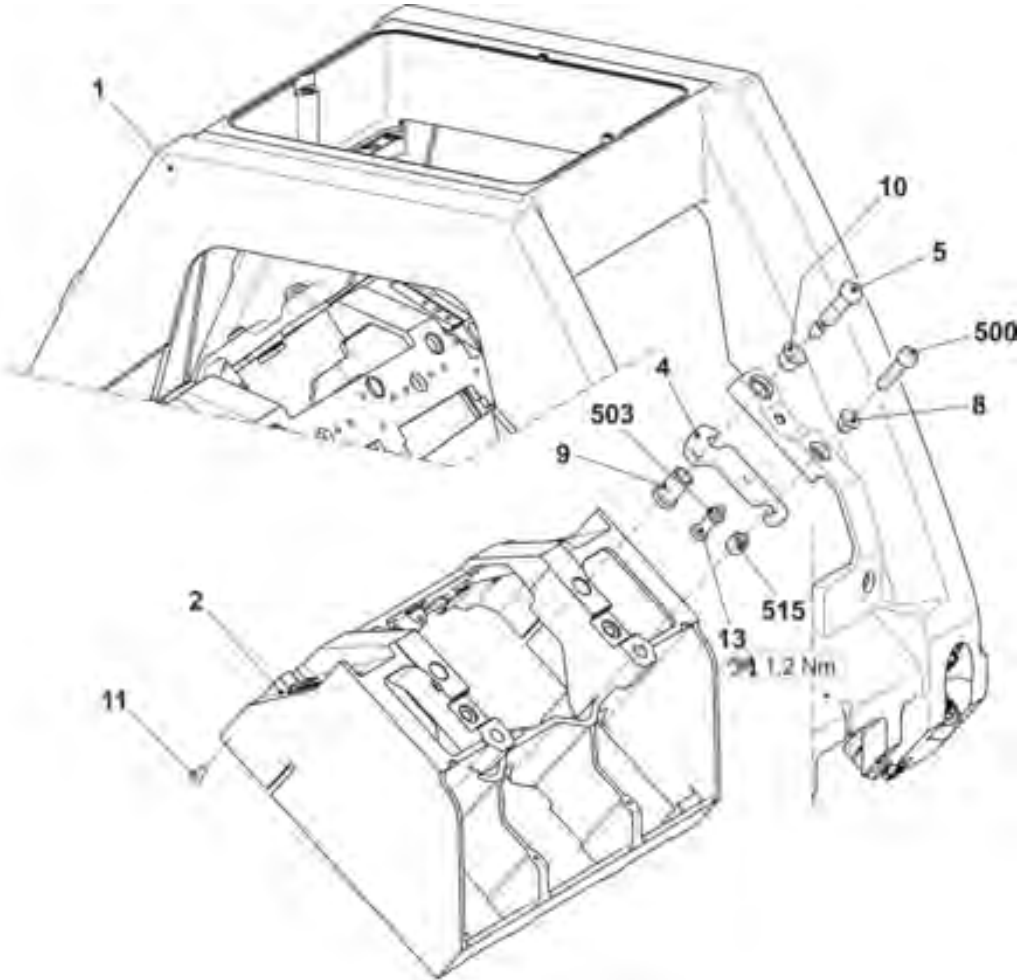
Pos	Designation	Id	Pos	Designation	Id
2	Cam box set complete		5	E6.2 kw	253 353
	E10	259 263		E7.2 kw	254 229
	E12	259 264		E7.2 mg	254 233
	E14	259 265	8	Carriage assembly complete 822	253 304
	E16 E18	259 266	9	Selection system complete	
	E6.2 (12m.10)	259 267		E10 E12 E10m.12 E6.2(12m.10) E6.2kw E6.2mg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



5.1 Overview of carriage

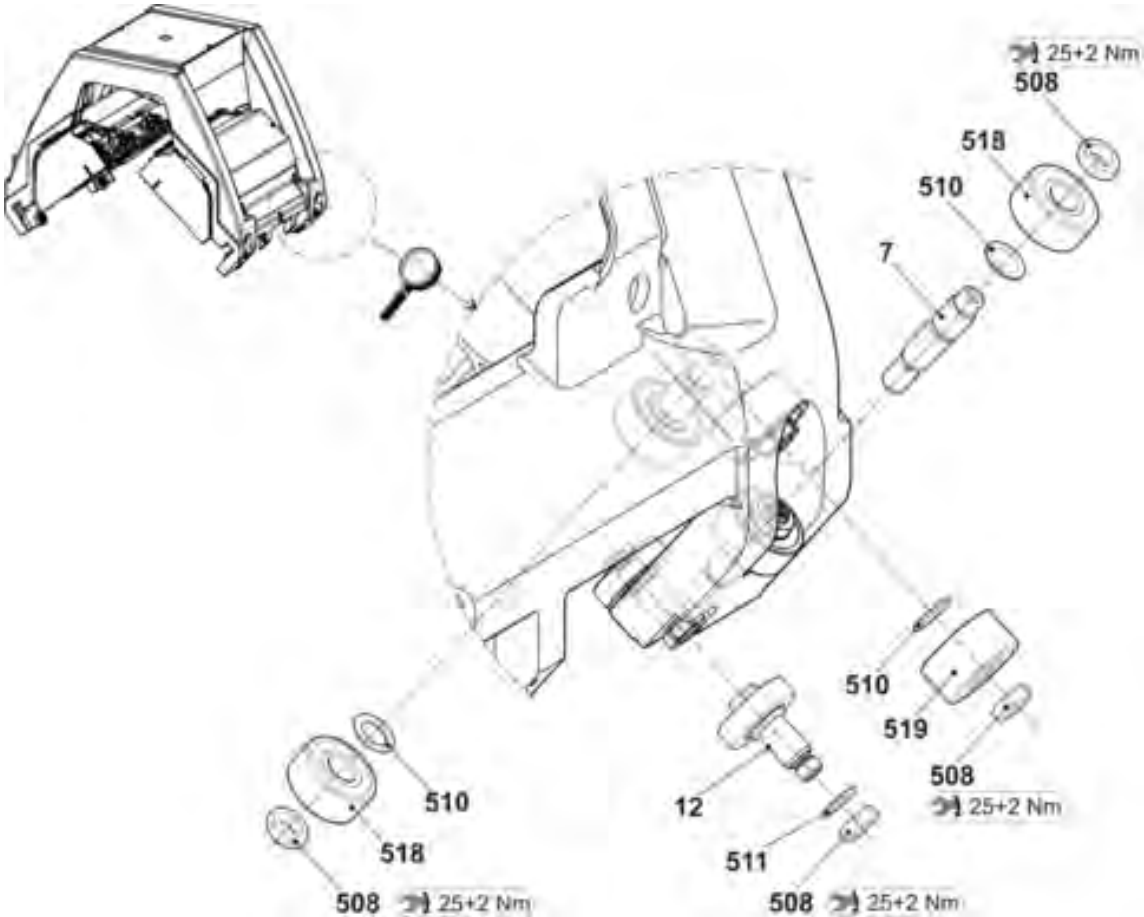
5.1.2 Carriage assembly

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage assembly complete 822	253 304				
1	Carriage frame, 2 cam boxes	258 696		10	Bush	209 274
2	Carriage part 2 cam boxes 5 inch 822	253 088		11	Eccentric	222 983
4	Shim	225 312		13	Locating bolt linking spot	244 179
5	Shoulder screw	211 750		500	Cap screw M8x30	020 143
8	Bush	207 546		503	Circlip6	021 022
9	Bush	209 275		515	Threaded bush M12x11,5	041 863



5.1.3 Carriage guide

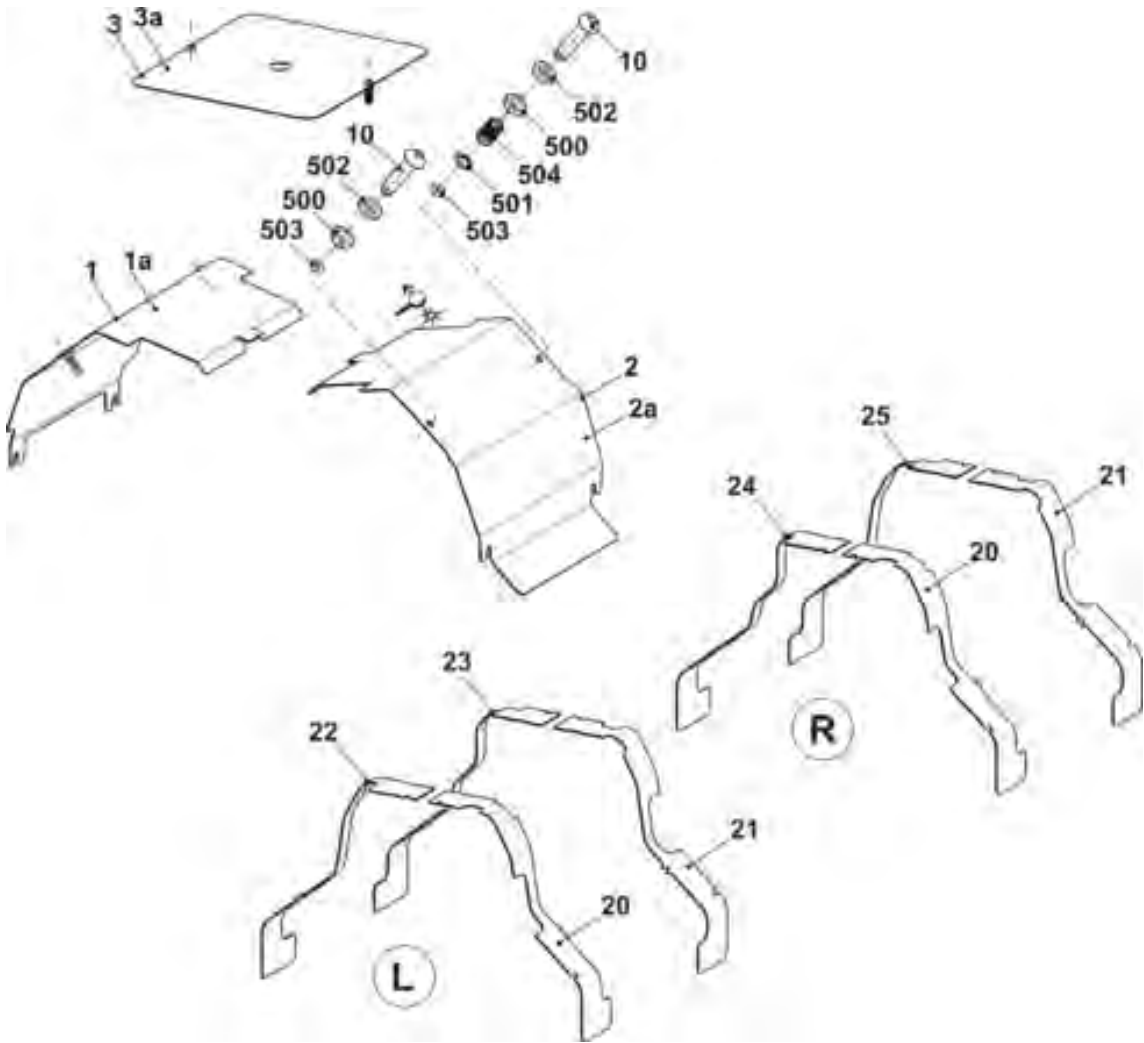
Pos	Designation	ID		Pos	Designation	ID
7	Bearing bolt eccentric 0,5	240 624		511	Shim ring 10x16x1	023 260
12	Bolt pre-assembled	244 283		518	Grooved ball bearing 62201-2RS	241 408
508	NutM10	023 316		519	Grooved ball bearing 62300-2RS1	242 070
510	Shim ring 12x18x1	023 315				



5.1 Overview of carriage

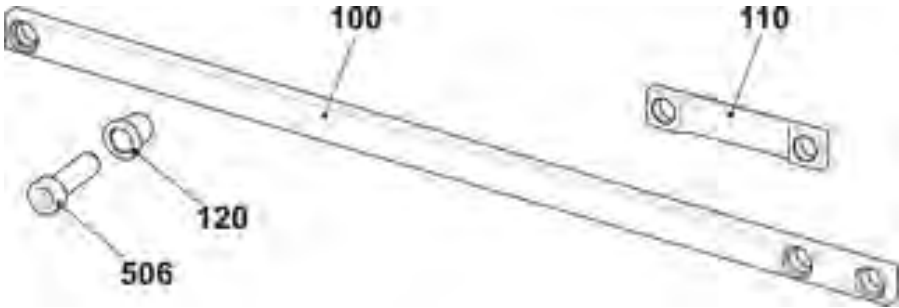
5.1.4 Carriage cover

Pos	Designation		Id		Pos	Designation		Id
1	Carriage cover at the rear complete		257 175		1	1a	Carriage cover at the rear	253 318
2	Carriage cover at the front complete		257 174		2	A2	Carriage cover at the front	253 318
3	Carriage cover at the top complete		257 102		3	3a	Carriage cover at the top	253 317
	10	Locating bolt	242 382			502	Serrated lock washer J6,4	022 385
	500	Hexagon nut M6	257 088			503	O-ring 3x2	242 420
	501	Washer6,1x9x0,5	023 554			504	Compression spring 0,48x7,02x17,29	023 654
20	Cover plate on the left		250 274		23	Cover plate at the rear on the right		255 437
21	Cover plate on the right		250 275		24	Cover plate at the rear on the left		255 438
22	Cover plate at the rear on the left		255 436		25	Cover plate at the rear on the right		255 439



5.1.5 Carriage coupling

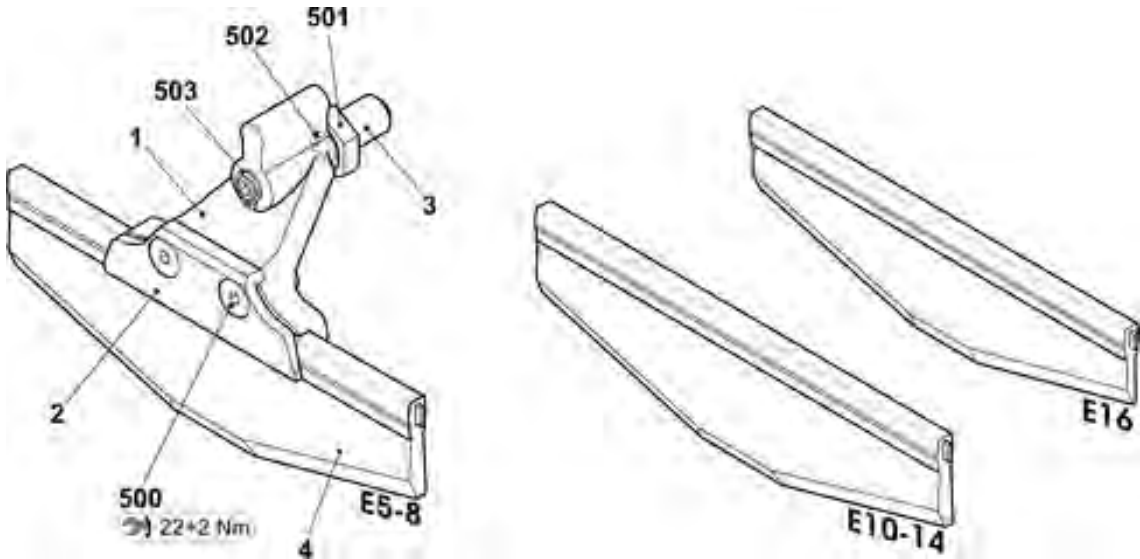
Pos	Designation	Id		Pos	Designation	Id
100	Connecting rod 822 5 inches	254 981		120	Sleeve	225 600
110	Connecting rod short	242 891		506	Cap screwM16x45	023 366



5.1 Overview of carriage

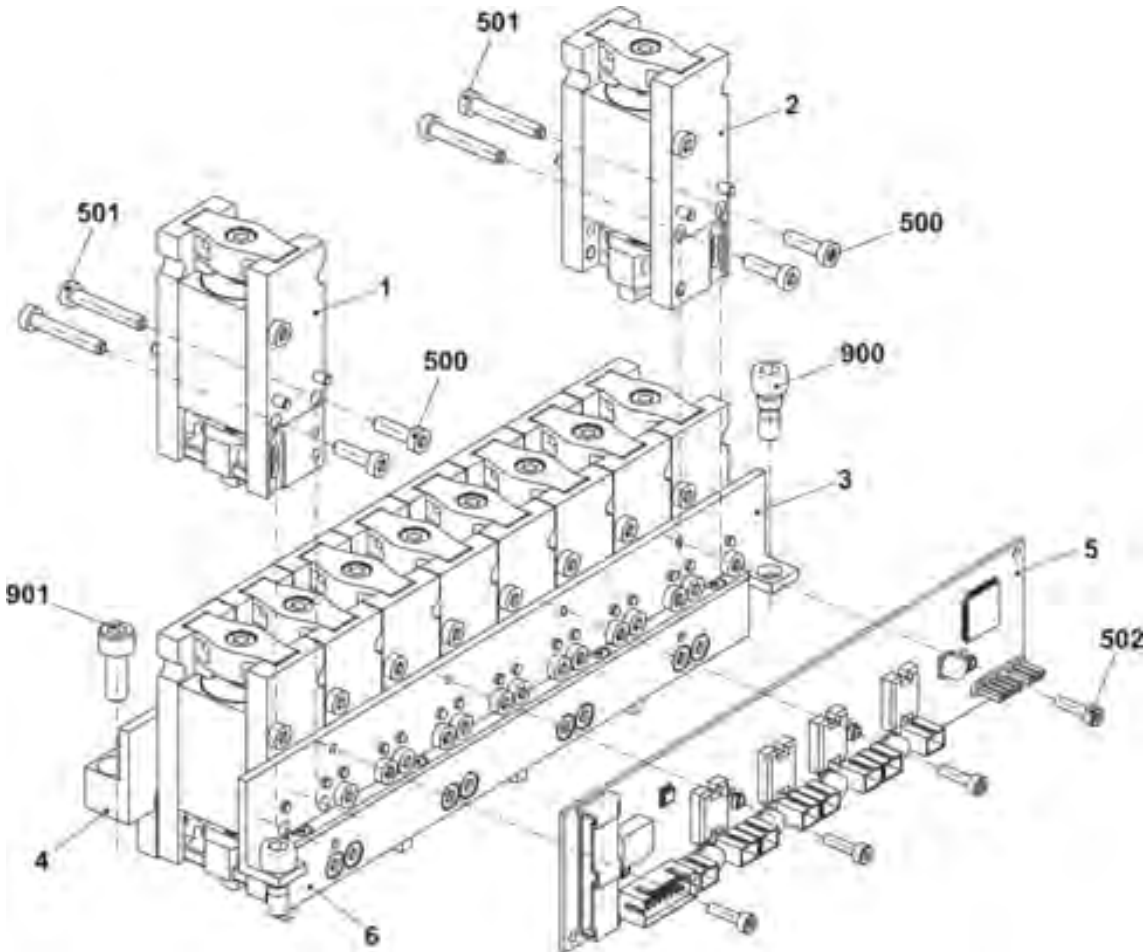
5.1.6 Brush holder

Pos	Designation	ID		Pos	Designation	ID
Σ	Brush holder complete			4	Brush	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 371			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 074
	E16 E18 E8.2	220 064			E16 E18 E8.2	203 254
1	Brush holder	219 423		500	Countersunk screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8	020 856
3	Threaded rod	209 740		502	Shim ring	023 348
				503	Locking ring5x0,6	023 347



5.1.7 Yarn carrier driving without guide part

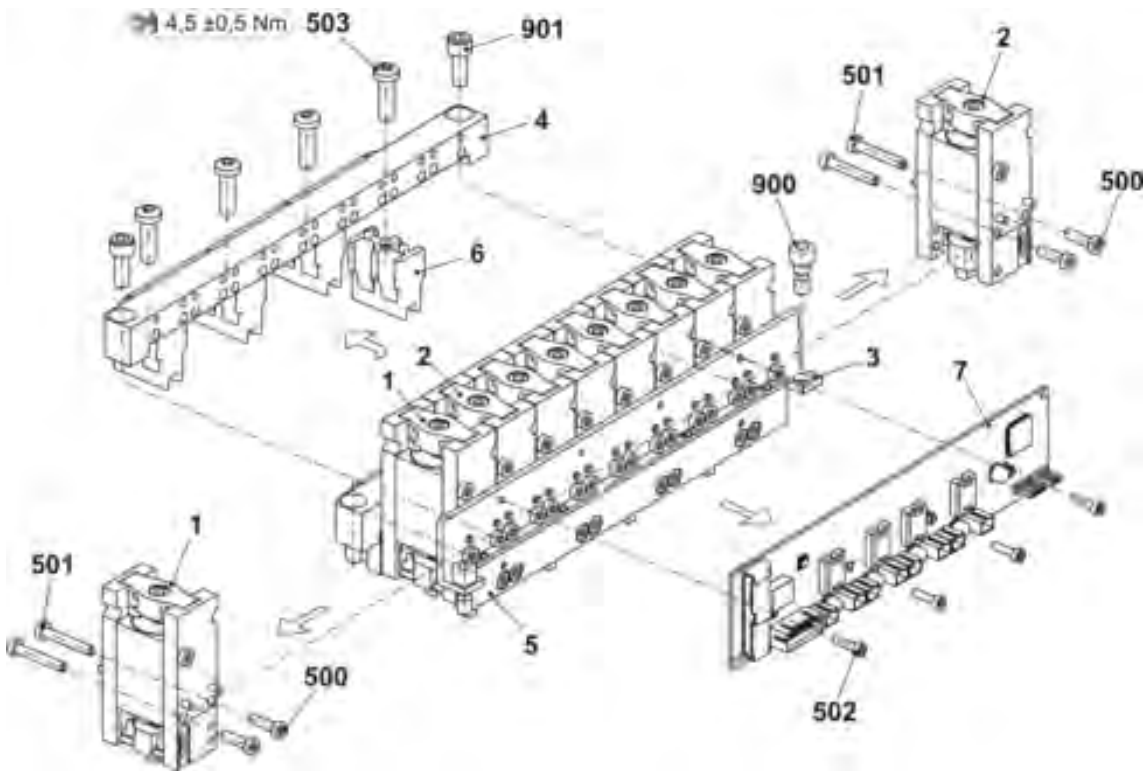
Pos	Designation	ID		Pos	Designation	ID
Σ	FF driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screwM4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screwM4x25-I-Torx	245 305
3	Holding angle for jack	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



5.1 Overview of carriage

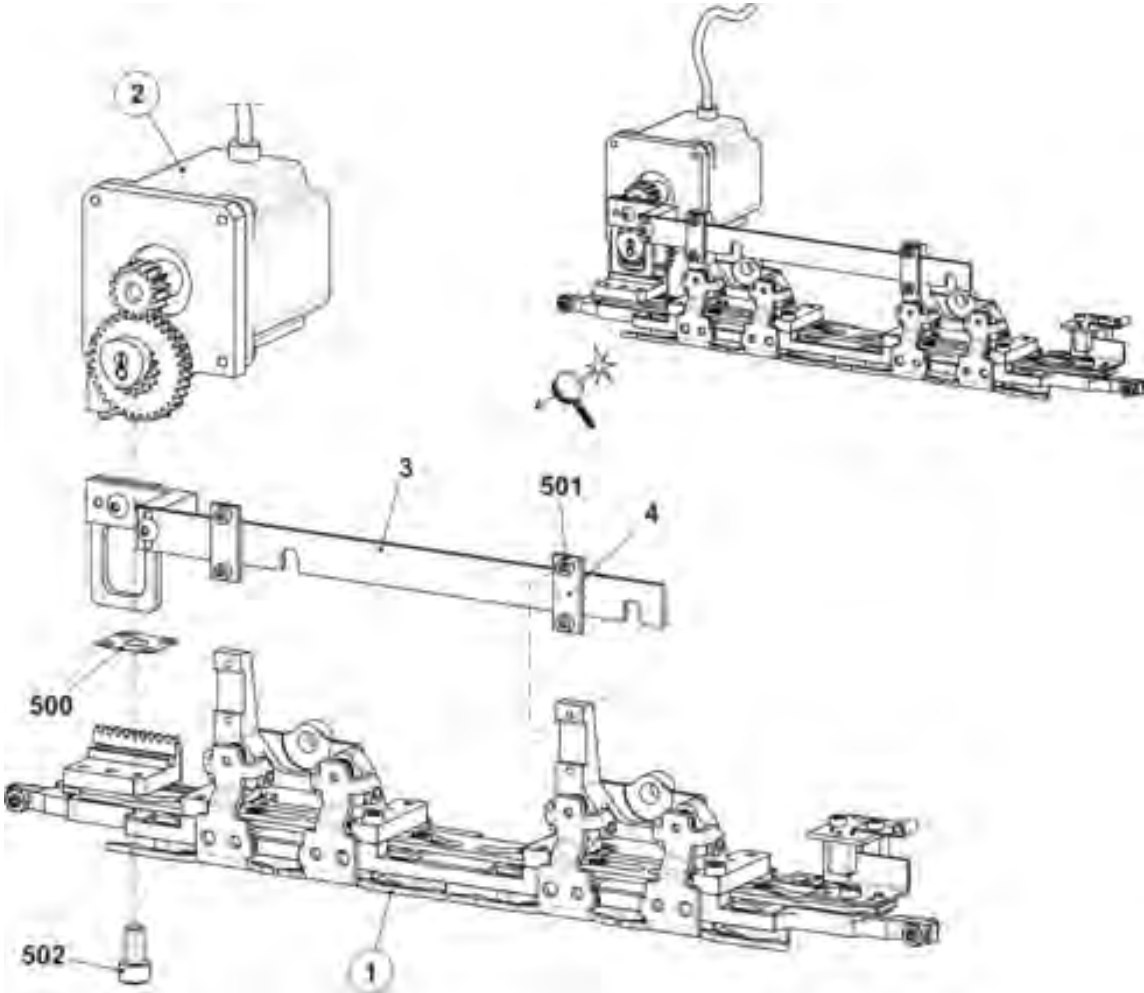
5.1.8 Yarn carrier driving with guide part

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



5.1.9 Holding-down jack control

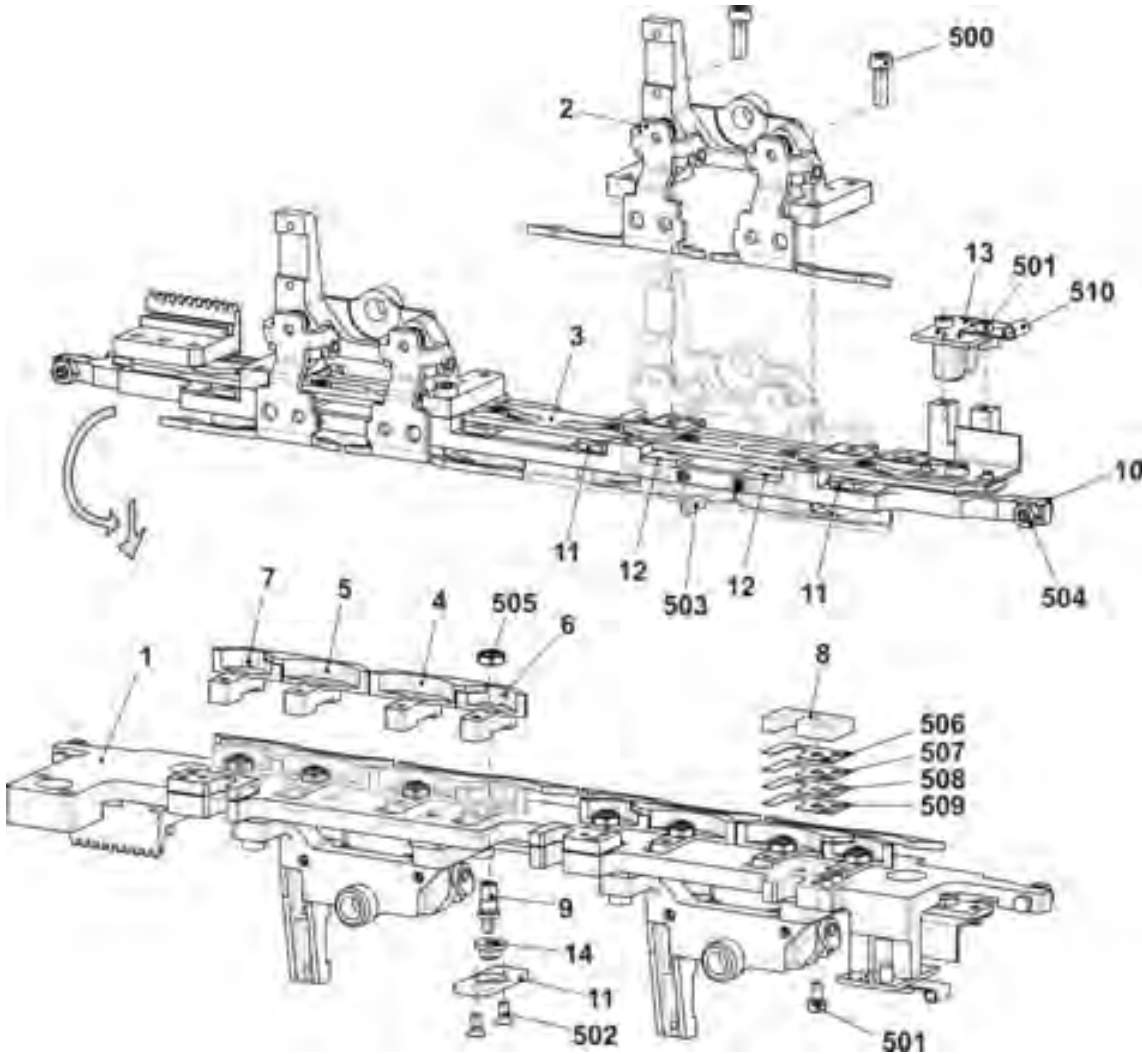
Pos	Designation	Id		Pos	Designation	Id
Σ	Holding-down jack control complete			1	Jack cam box complete	
	E10	254 230			E10	254 223
	E12 E14 E6.2 (12m.10) E6.2 mg	254 231			E12 E14 E6.2 (12m.10) E6.2 mg	254 224
	E16 E18 E8.2 mg	254 232			E16 E18 E8.2 mg	254 225
	E6.2 kw	253 353			E6.2 kw	253 354
	E7.2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



5.1 Overview of carriage

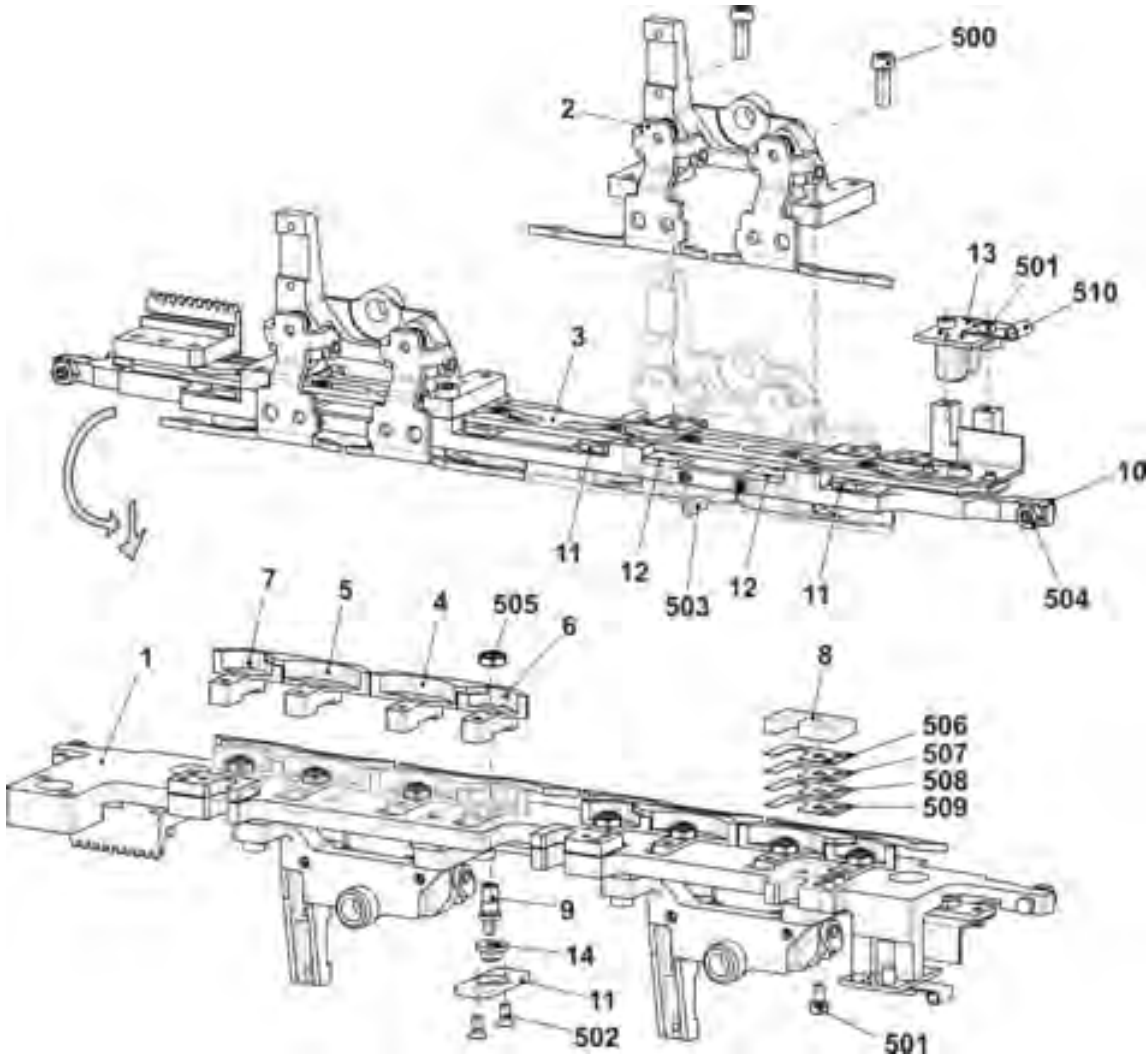
5.1.9.1 Jack cam box E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E10	254 223		13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053		501	Cap screw M3x6	241 857
4	Jack slider on the right E10	254 076		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E10	254 075		503	Setscrew M4x6	023 726
6	Floating cam at the right E10	254 074		504	Hexagon nut M4-6	022 536
7	Floating cam at the left E10	254 073		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	Shim 0,03	252 999
9	Eccentric	239 344		507	Shim 0,05	253 000
10	Set screw	241 936		508	Shim 0,1	253 001
11	Covering plate	250 178		509	Shim 0,2	253 002
12	Covering plate	251 466		510	Fastening clamp	008 321



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

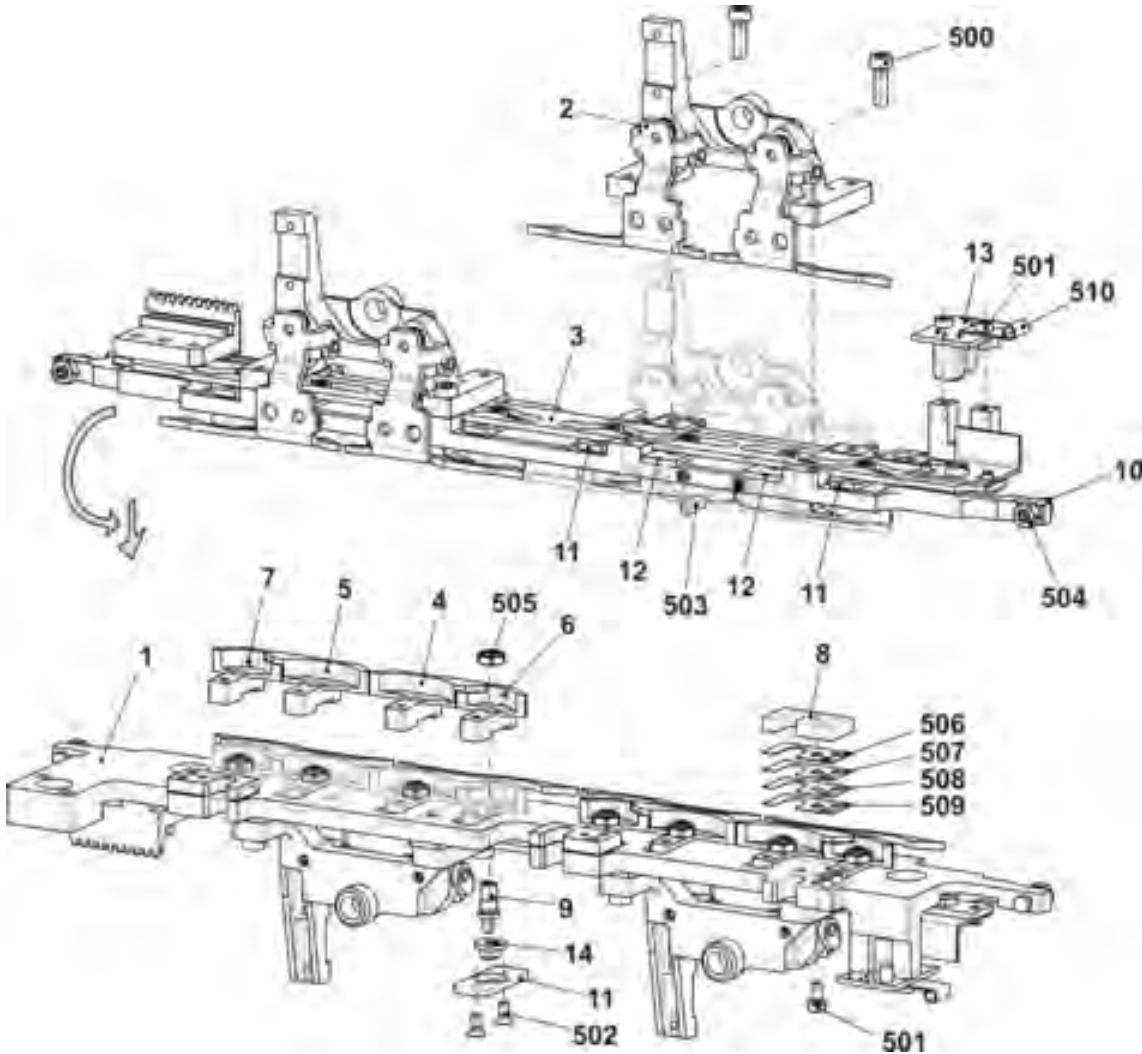
Pos	Designation	Id	Pos	Designation	Id
Σ	Jack cam box complete E12+14+6.2 mg	254 224	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053	501	Cap screw M3x6	241 857
4	Jack slider on the right E12-14+6.2 mg	254 080	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E12-14+6.2 mg	254 079	503	Setscrew M4x6	023 726
6	Floating cam at the right E12-14+6.2 mg	254 078	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E12-14+6.2 mg	254 077	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

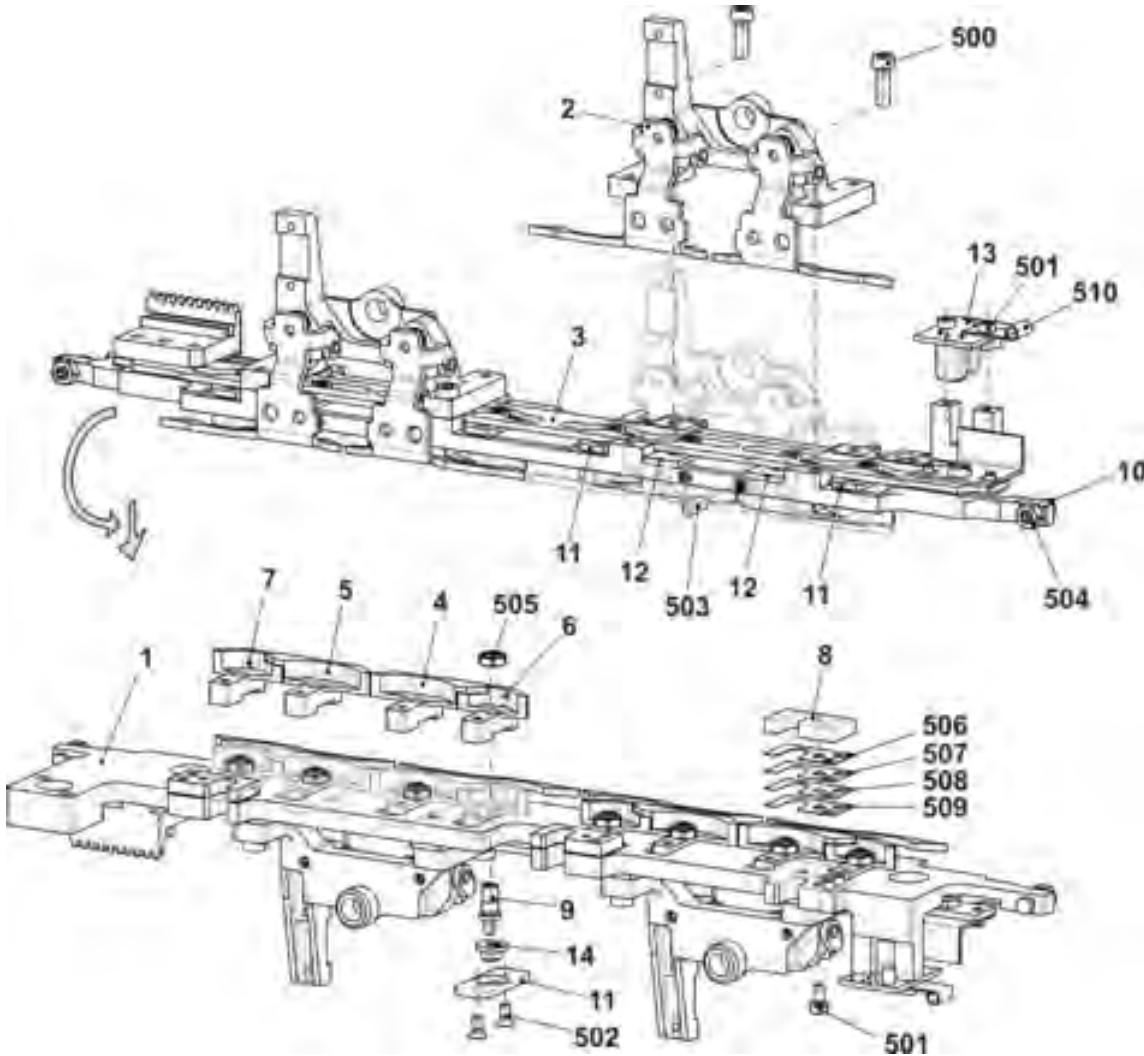
5.1.9.3 Jack cam box E16 | E18 | E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Jack cam box complete E16-18+8.2 mg	254 225	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053	501	Cap screw M3x6	241 857
4	Jack slider on the right E16-18+8.2 mg	254 084	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E16-18+8.2 mg	254 083	503	Setscrew M4x6	023 726
6	Floating cam at the right E16	254 082	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E16	254 081	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1.9.4 Jack cam box E6.2 kw

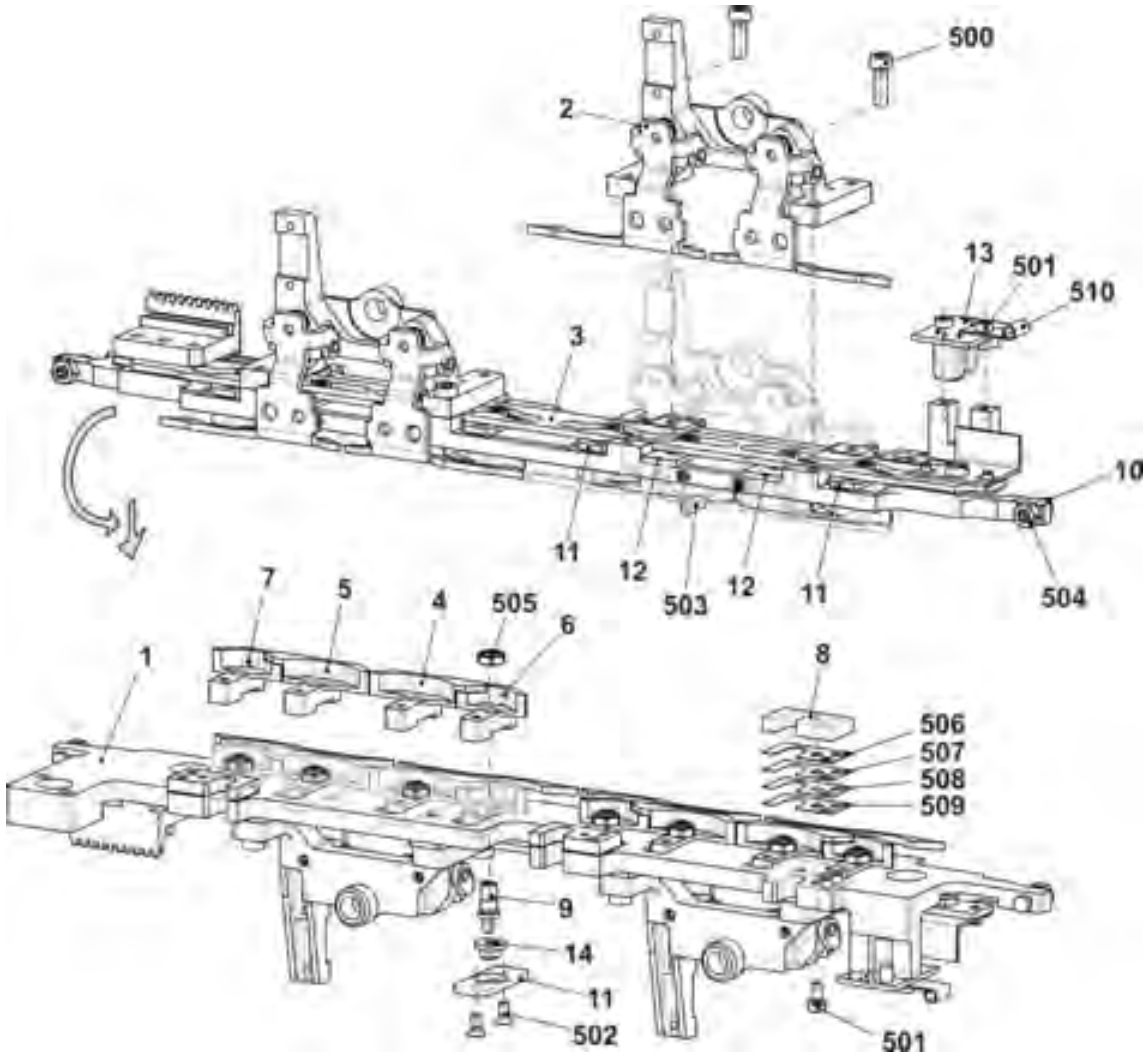
Pos	Designation	Id	Pos	Designation	Id
Σ	Jack cam box complete E6.2 kw	253 354	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511	501	Cap screw M3x6	241 857
4	Jack slider on the right E6.2 kw	252 519	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E6.2 kw	252 518	503	Setscrew M4x6	023 726
6	Floating cam at the right E6.2 kw	252 517	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E6.2 kw	252 516	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

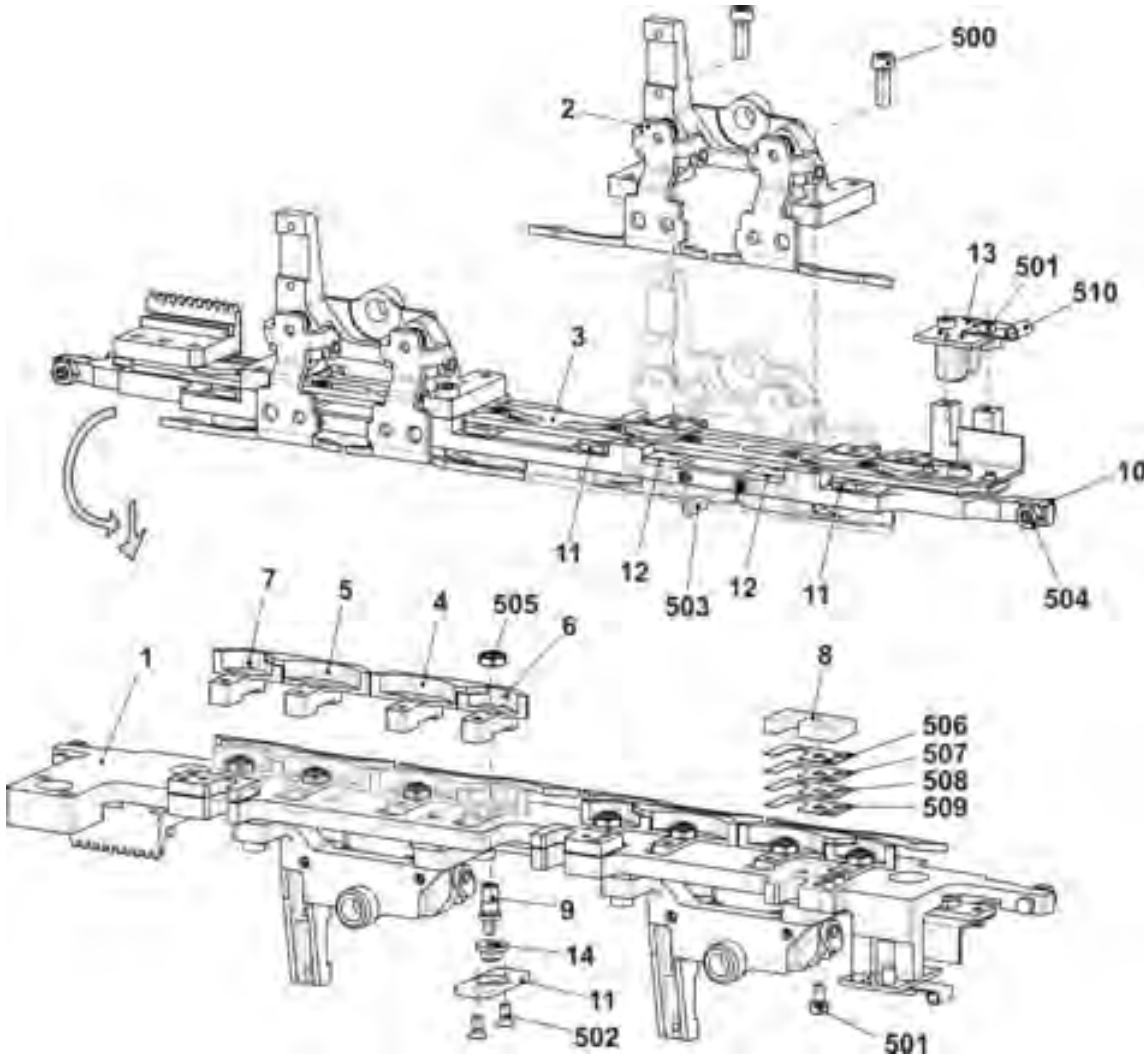
5.1.9.5 Jack cam box E7.2 kw

Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E7.2 kw	254 222		13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511		501	Cap screw M3x6	241 857
4	Jack slider on the right E7.2 kw	254 072		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E7.2 kw	254 071		503	Setscrew M4x6	023 726
6	Floating cam at the right E7.2 kw	254 070		504	Hexagon nut M4-6	022 536
7	Floating cam at the left E7.2 kw	254 069		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	Shim 0,03	252 999
9	Eccentric	239 344		507	Shim 0,05	253 000
10	Set screw	241 936		508	Shim 0,1	253 001
11	Covering plate	250 178		509	Shim 0,2	253 002
12	Covering plate	251 466		510	Fastening clamp	008 321



5.1.9.6 Jack cam box E7.2 mg

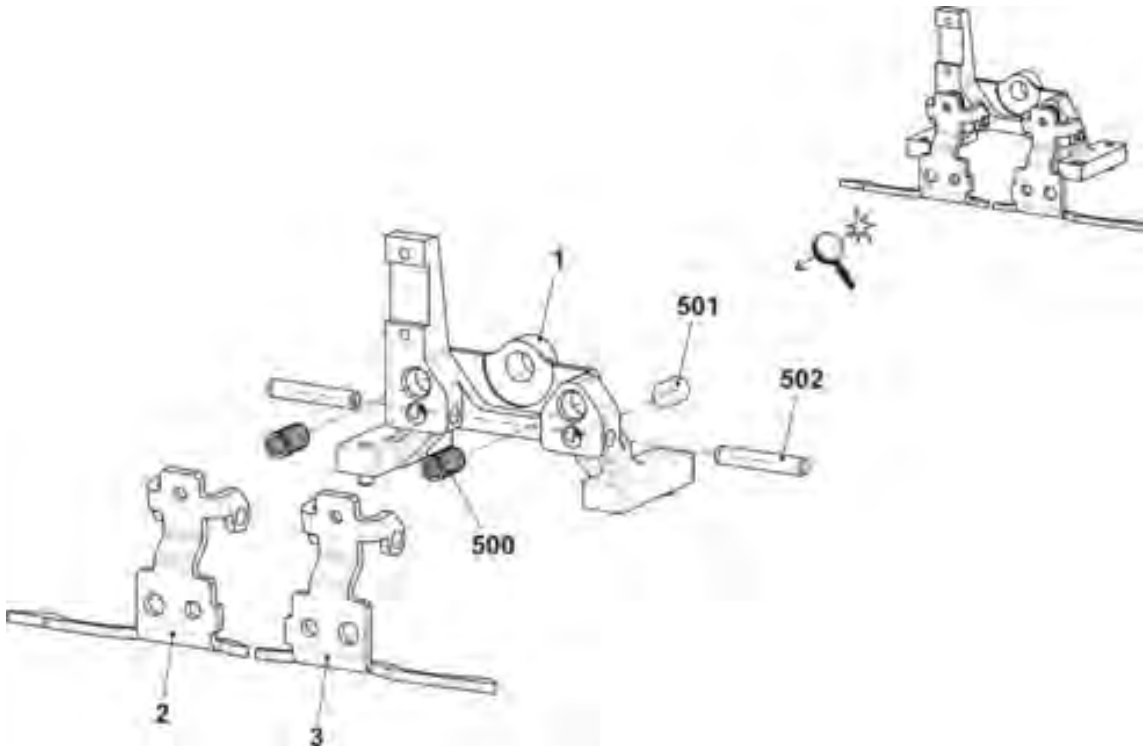
Pos	Designation	Id	Pos	Designation	Id
Σ	Jack cam box complete E7.2 mg	254 226	13	Card light barrier NP V2	240 243
1	Jack cam box plate	255 035	14	Cap bush	225 855
2	Support complete	252 545	500	Cap screw M4x12	241 859
3	Control slide complete E5-8	252 511	501	Cap screw M3x6	241 857
4	Jack slider on the right E7-8+3,5.2	254 088	502	Countersunk screw M3x6	020 286
5	Jack slider on the left E7-8+3,5.2 mg	254 087	503	Setscrew M4x6	023 726
6	Floating cam at the right E7.2 kw	254 070	504	Hexagon nut M4-6	022 536
7	Floating cam at the left E7.2 kw	254 069	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	Shim 0,03	252 999
9	Eccentric	239 344	507	Shim 0,05	253 000
10	Set screw	241 936	508	Shim 0,1	253 001
11	Covering plate	250 178	509	Shim 0,2	253 002
12	Covering plate	251 466	510	Fastening clamp	008 321



5.1 Overview of carriage

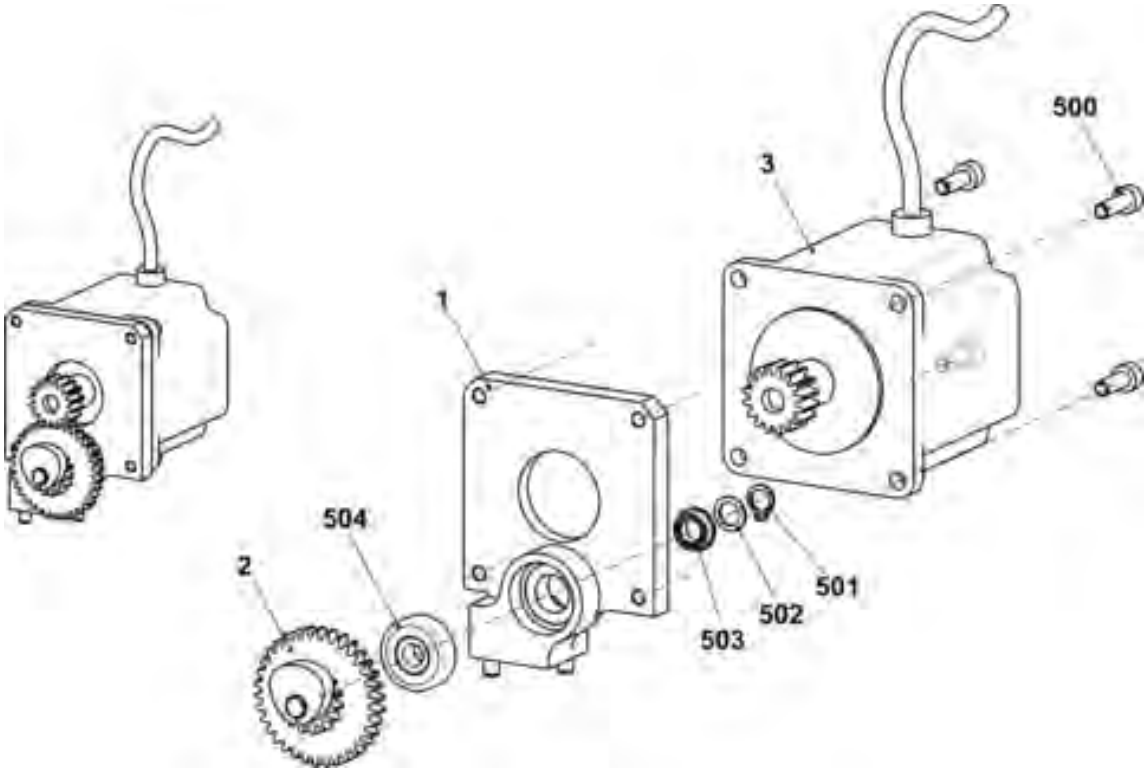
5.1.9.7 Support complete

Pos	Designation	Id		Pos	Designation	Id
Σ	Support complete	252 545				
1	Support	254 980		500	Compression spring 0,8x5,0x12	250 693
2	Set-out plate on the right	252 514		501	SetscrewM4x6	023 726
3	Set-out plate on the left	252 515		502	Dowel pin 4x22	020 663



5.1.9.8 Control unit holding-down jacks

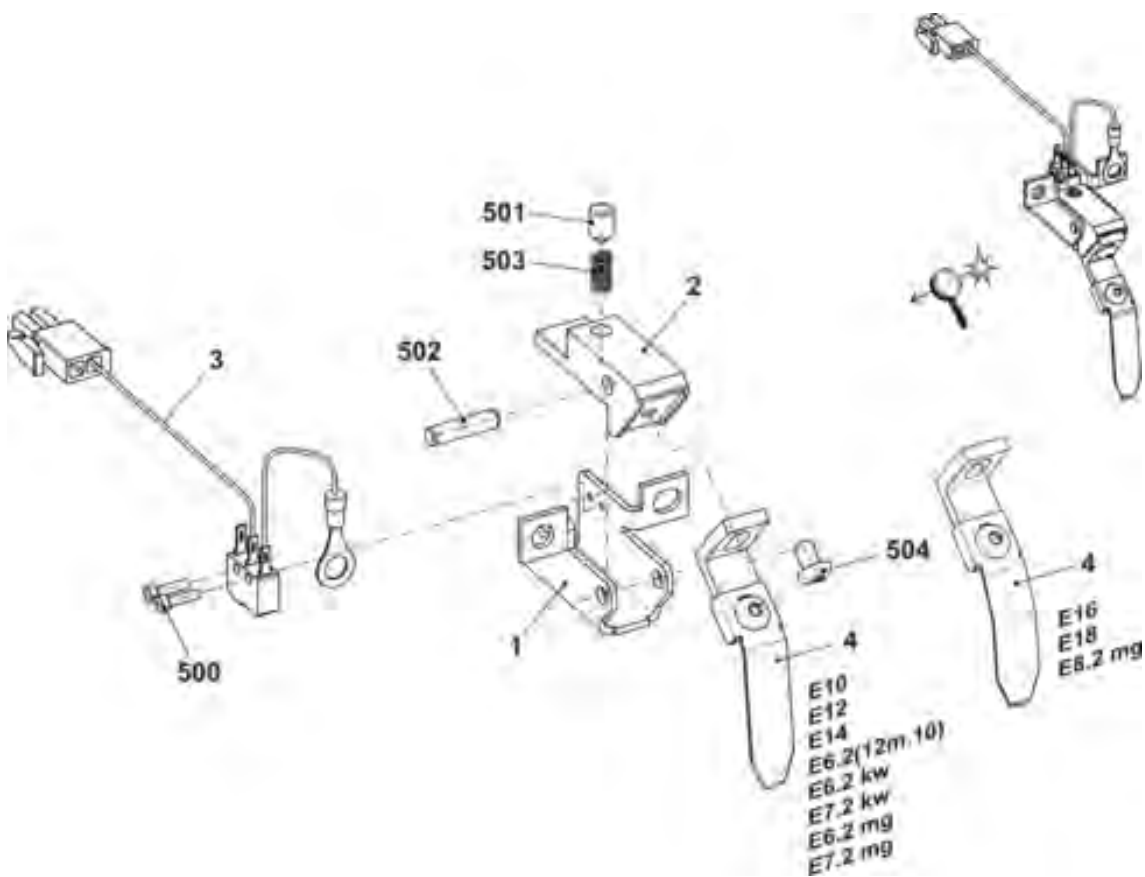
Pos	Designation	ID		Pos	Designation	ID
Σ	Control unit holding-down jacks	239 342				
1	Motor plate	239 336		501	Retaining ring6x0,7	023 298
2	Gear wheel complete	256 671		502	Washer6,1x9x0,5	023 554
3	Motor complete	239 343		503	Grooved ball bearing 6x10x3	023 533
500	Cap screw M4x12	022 664		504	Grooved ball bearing 626-2RS	023 587



5.1 Overview of carriage

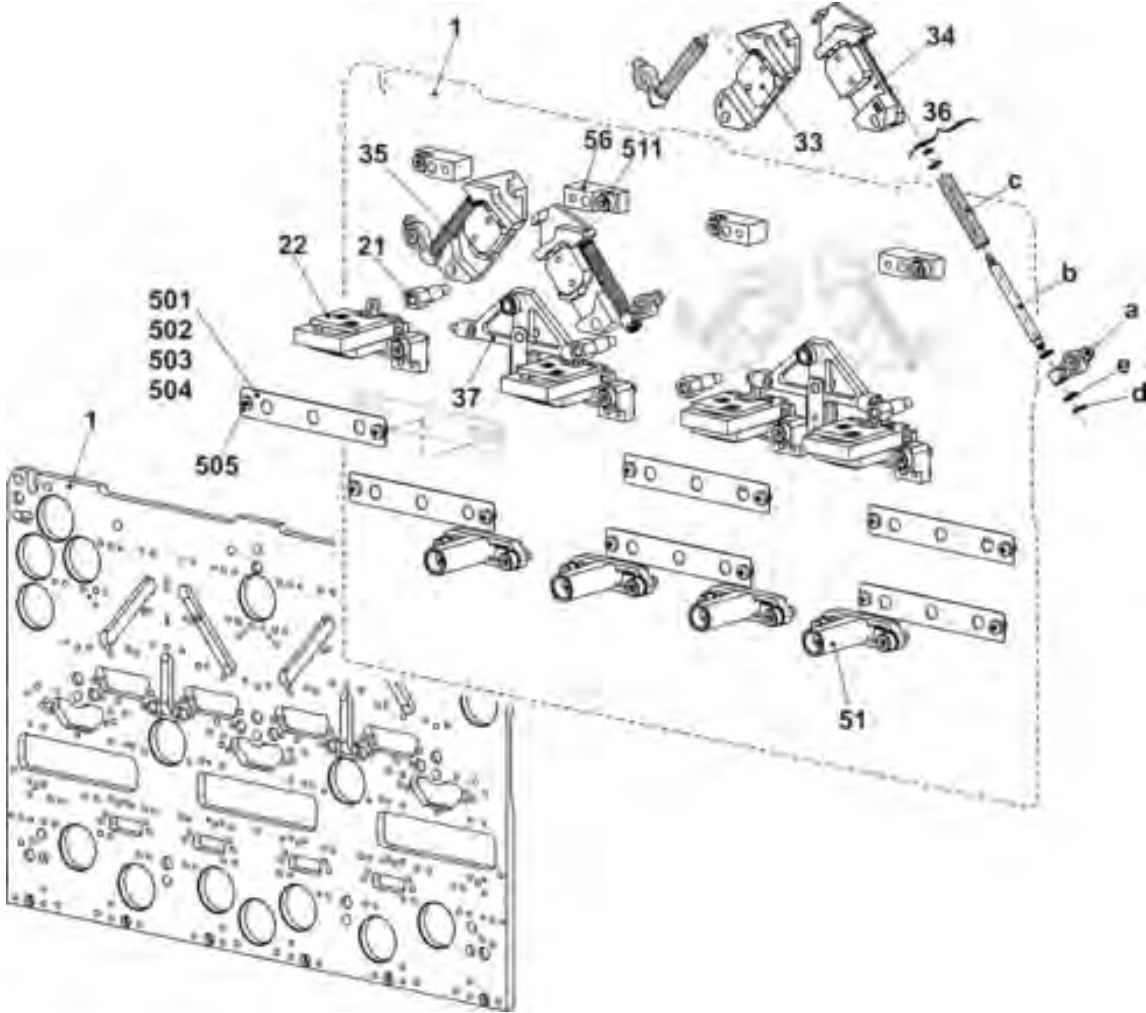
5.1.10 Needle detector

Pos	Designation	ID		Pos	Designation	ID
Σ	Needle detector					
	E10 E12 E14 E6.2(12m.10) E6.2 kw E7.2 kw E6.2 mg E7.2 mg	256 822				
	E16 E18 E8.2 mg	256 823				
1	Needle detector pick up	256 828		500	Pan-head screwM2x8	258 310
2	Switch rocker	256 829		501	SetscrewM5x8	022 809
3	Cable of needle detector complete	240 018		502	Dowel pin 4x16	020 660
4	Sensor pre-assembled E10-14	256 454		503	Compression spring 4,3x0,45x10	021 398
	Sensor pre-assembled E16-18	256 784		504	Pan-head screwM4x6	023 427



5.1.11 Cam box E10

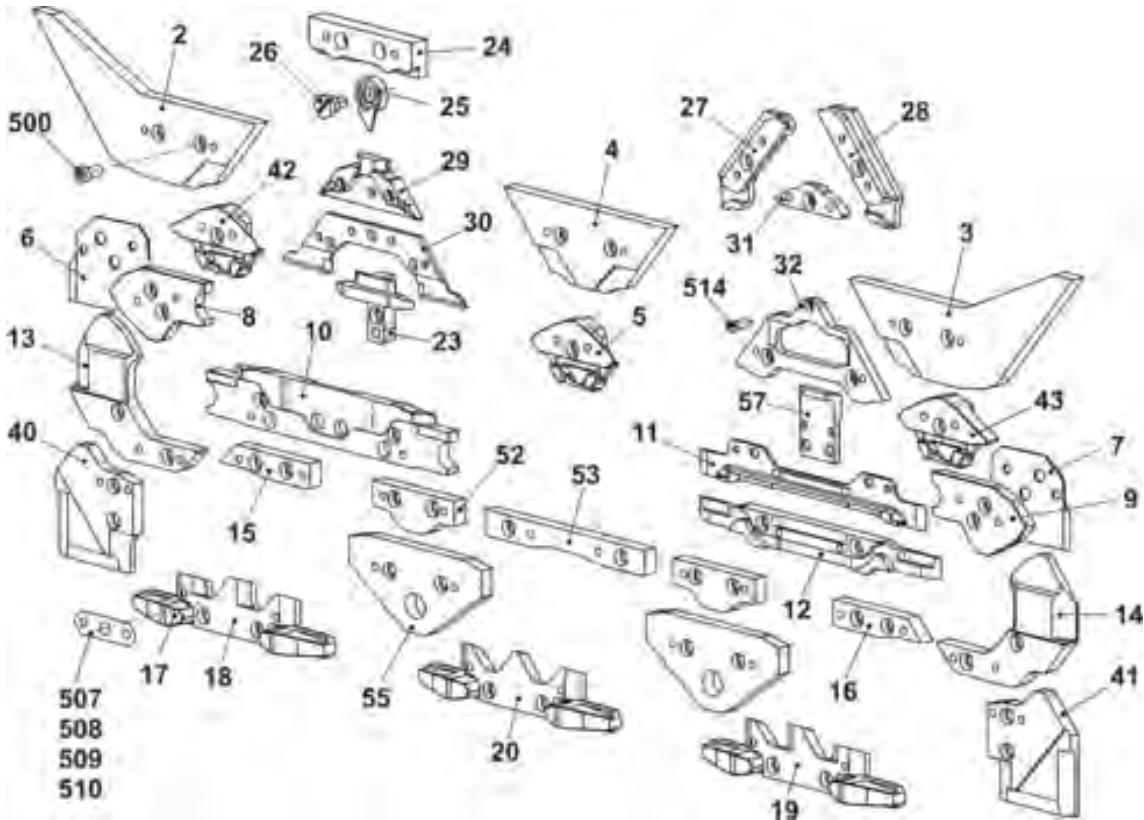
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E10		259 263		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE10		254 246		56	Holding piece		251 828
34	Loop sinking cam on the right completeE10		254 247		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

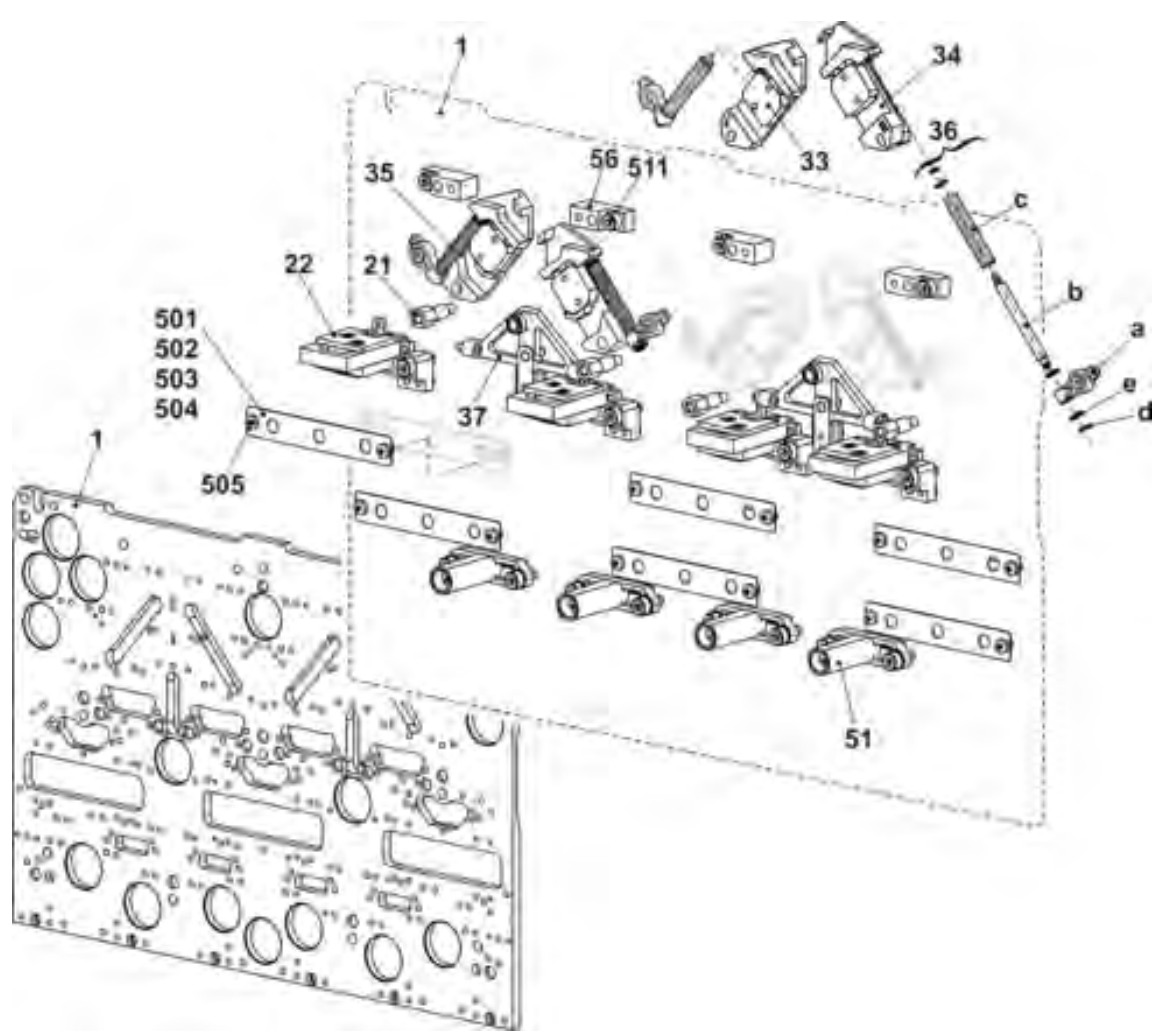
5.1.11.1 Cams E10

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E10 -E14, E7.2	254 331
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E10 -E14, E7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E10, E7.2	254 295
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E10 - 12	251 997
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE10-12, E7.2	254 334
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE10-12, E7.2	254 335
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.12 Cam box E12

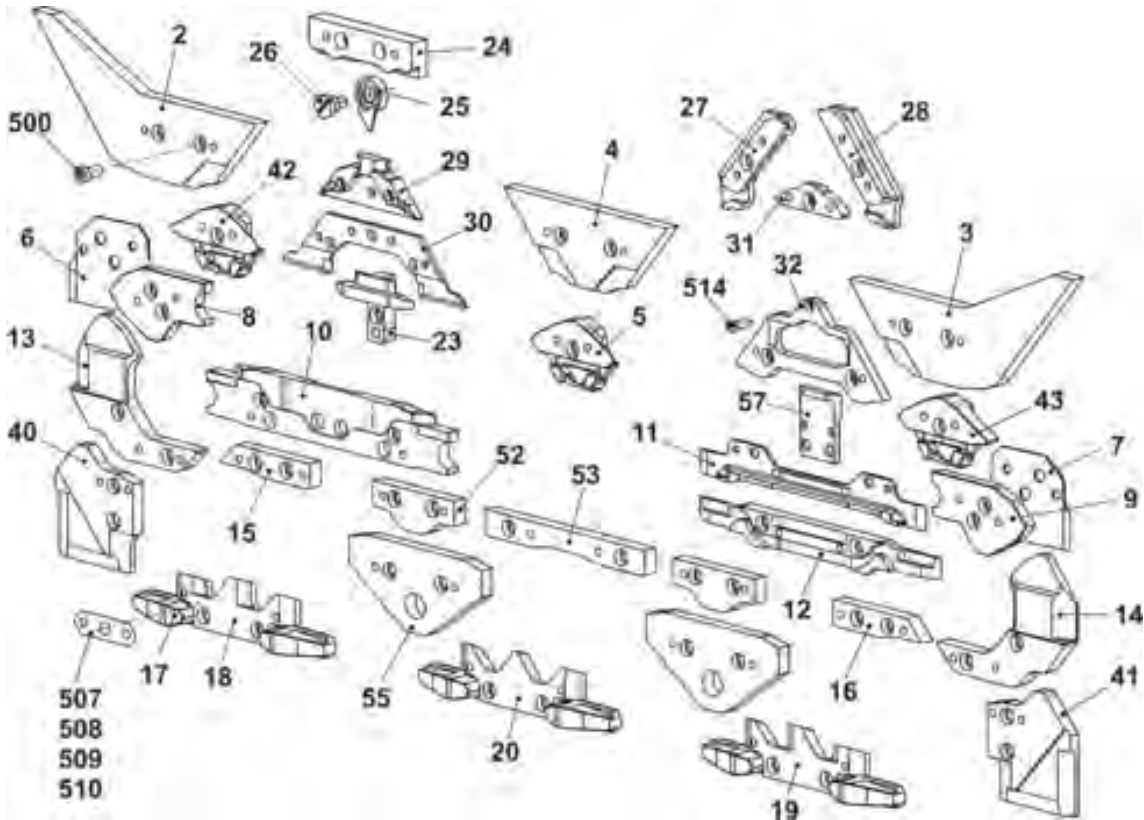
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E12		259 264		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

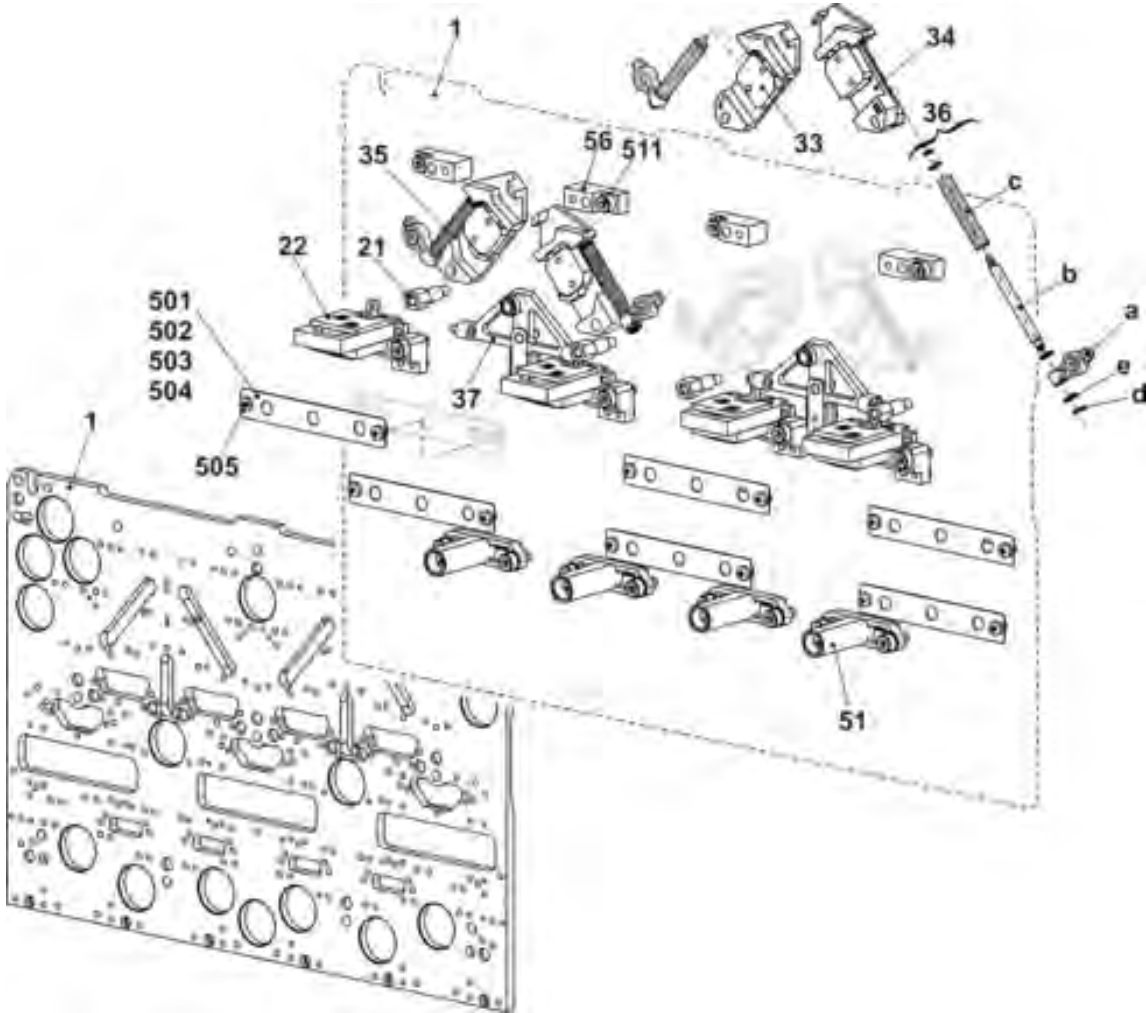
5.1.12.1 Cams E12

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E10 -E14, E7.2	254 331
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E10 -E14, E7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E12-14	254 298
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E10 - 12	251 997
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE10-12, E7.2	254 334
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE10-12, E7.2	254 335
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E12-14	252 522	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.13 Cam box E14

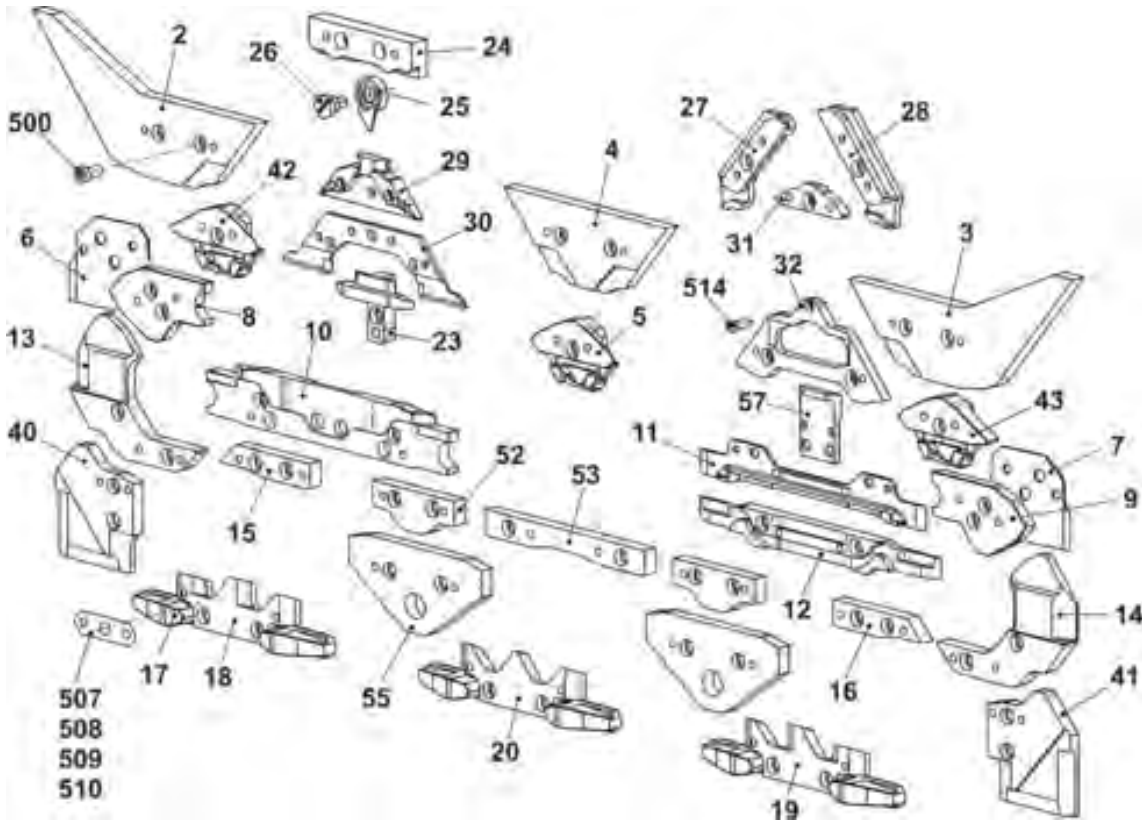
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E14		259 265		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

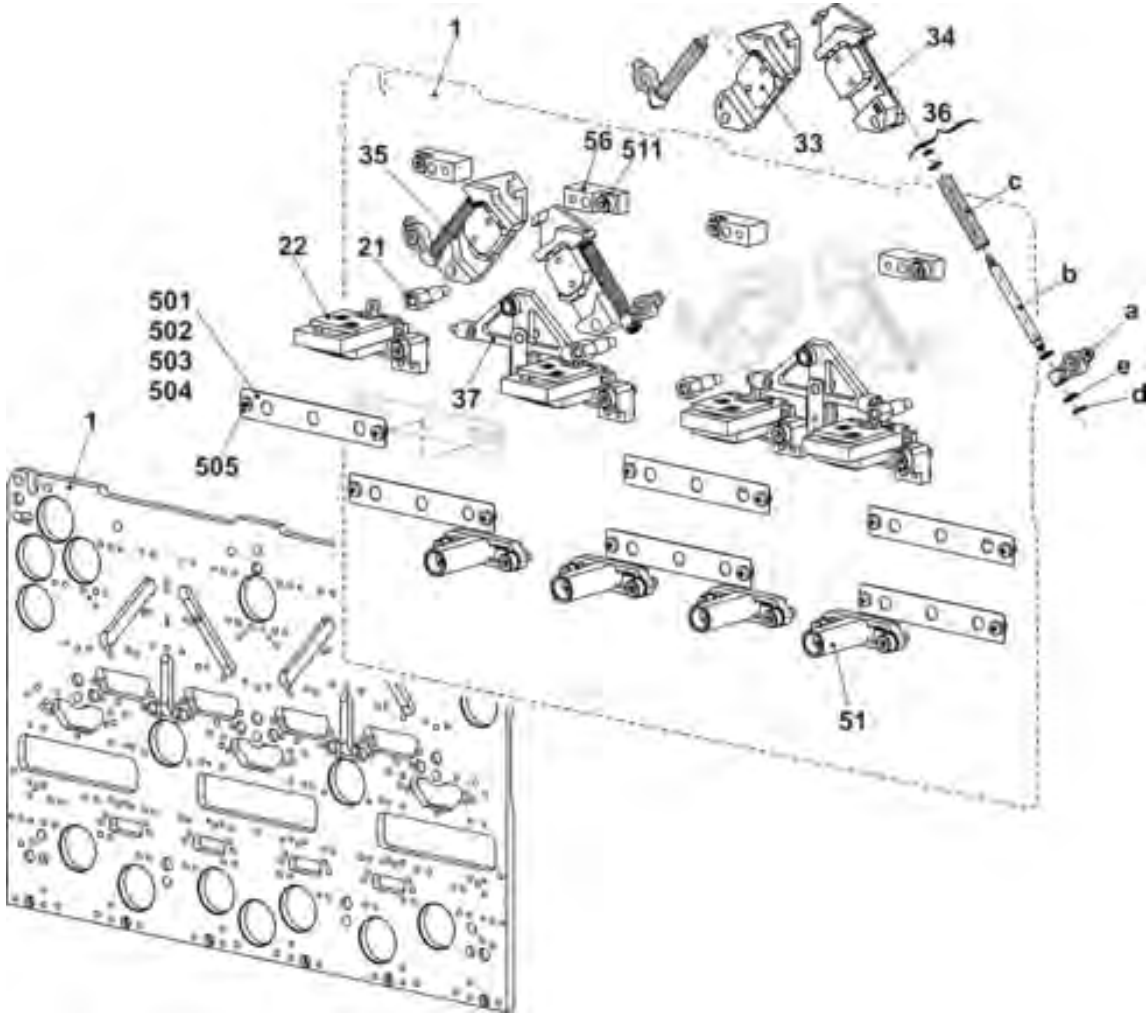
5.1.13.1 Cams E14

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E10 -E14, E7.2	254 331
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E10 -E14, E7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E10-14	254 298
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E14	252 607
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE14	254 336
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE14	254 337
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E12-14	252 522	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.14 Cam box E16 | E18

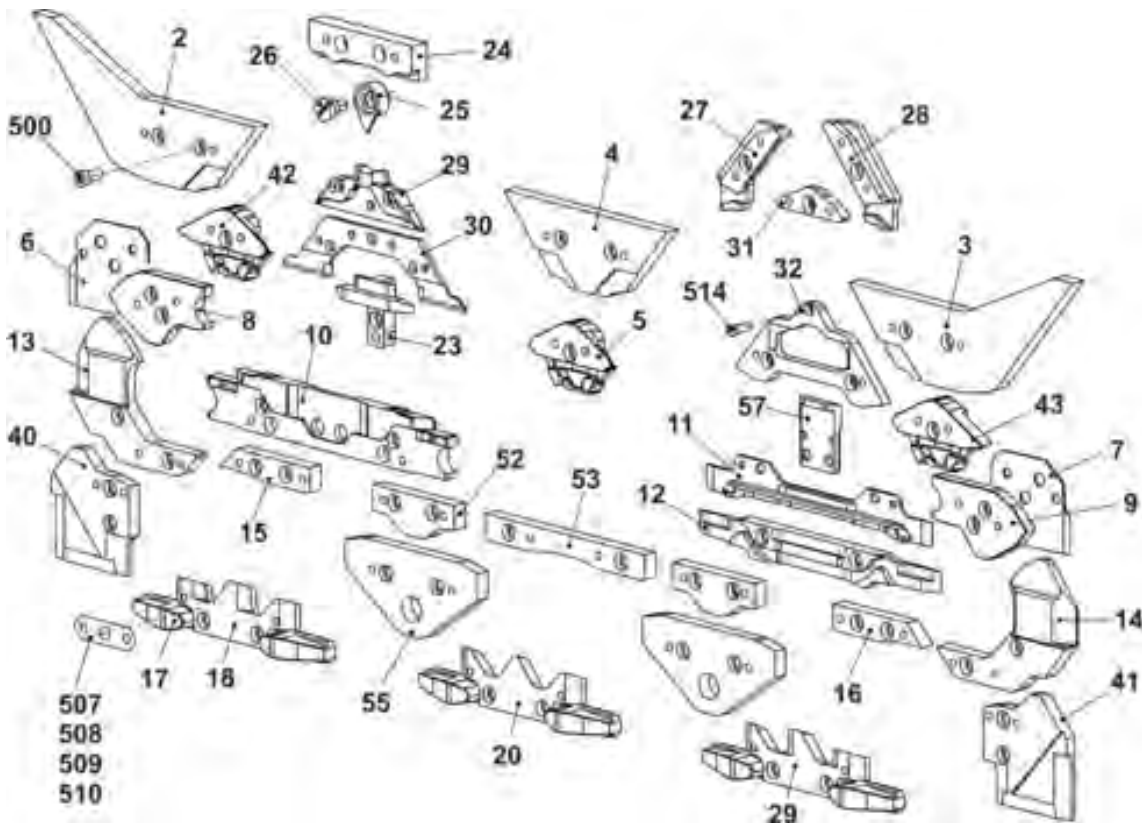
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E16-18		259 266		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE16-18		251 965		56	Holding piece		251 828
34	Loop sinking cam on the right completeE16-18		251 966		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

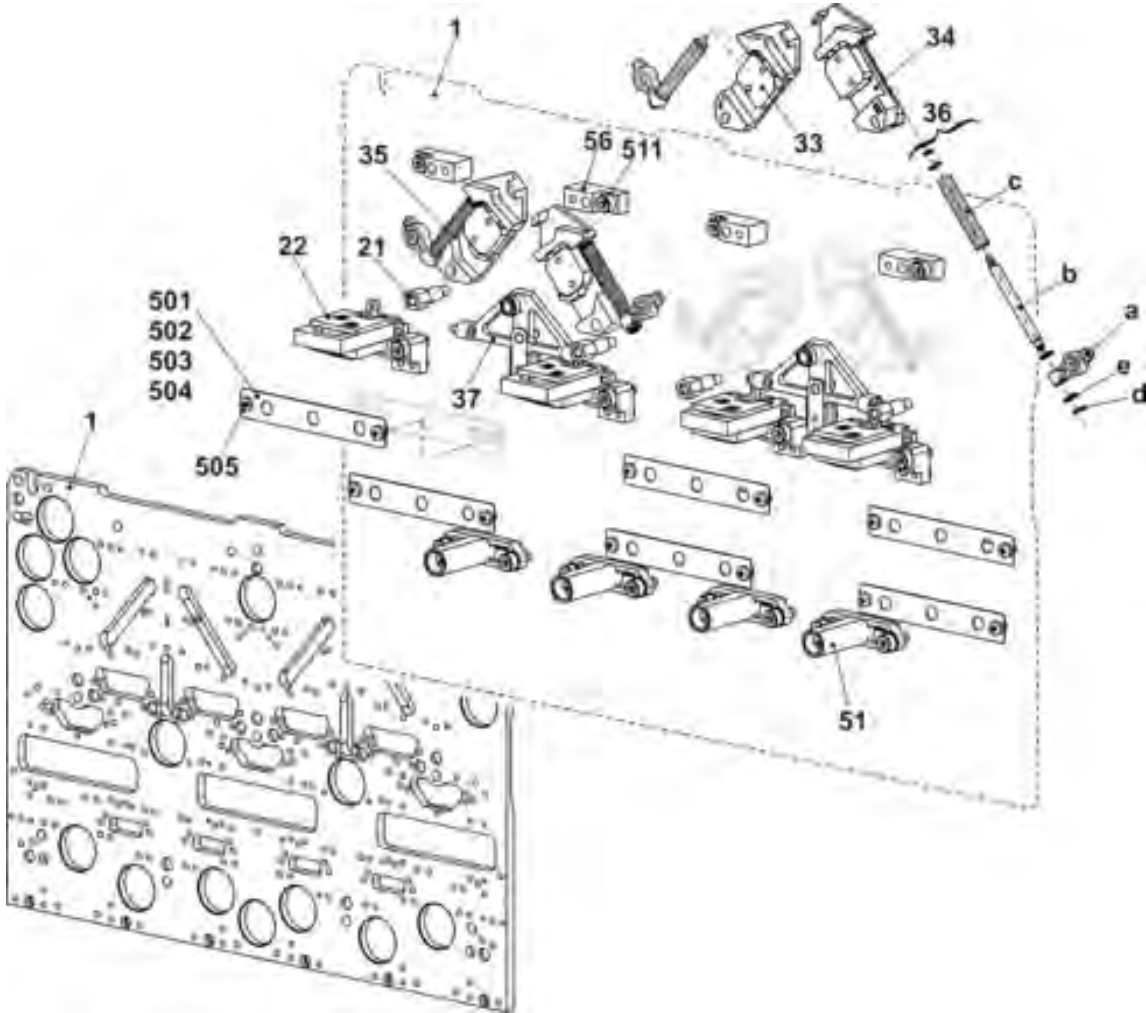
5.1.14.1 Cams E16 | E18

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E16-18, E8.2	254 338
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E16-18, E8.2	254 339
5	Knitting position cam E16-18	255 027	29	Tuck limiting cam E16-18	254 299
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E16-18	252 654
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE16-18, E8.2	254 340
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE16-18, E8.2	254 341
10	Pressure strip E16-18	256 681	40	Cam on the left E10-18	258 153
11	Cam guide E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E16-18	255 028
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E16-18	255 029
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E16-18	252 646	510	Shim 0,2x8x28	023 385
25	Pointer E16-18	252 656	514	Cap screwM3x8	020 081



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

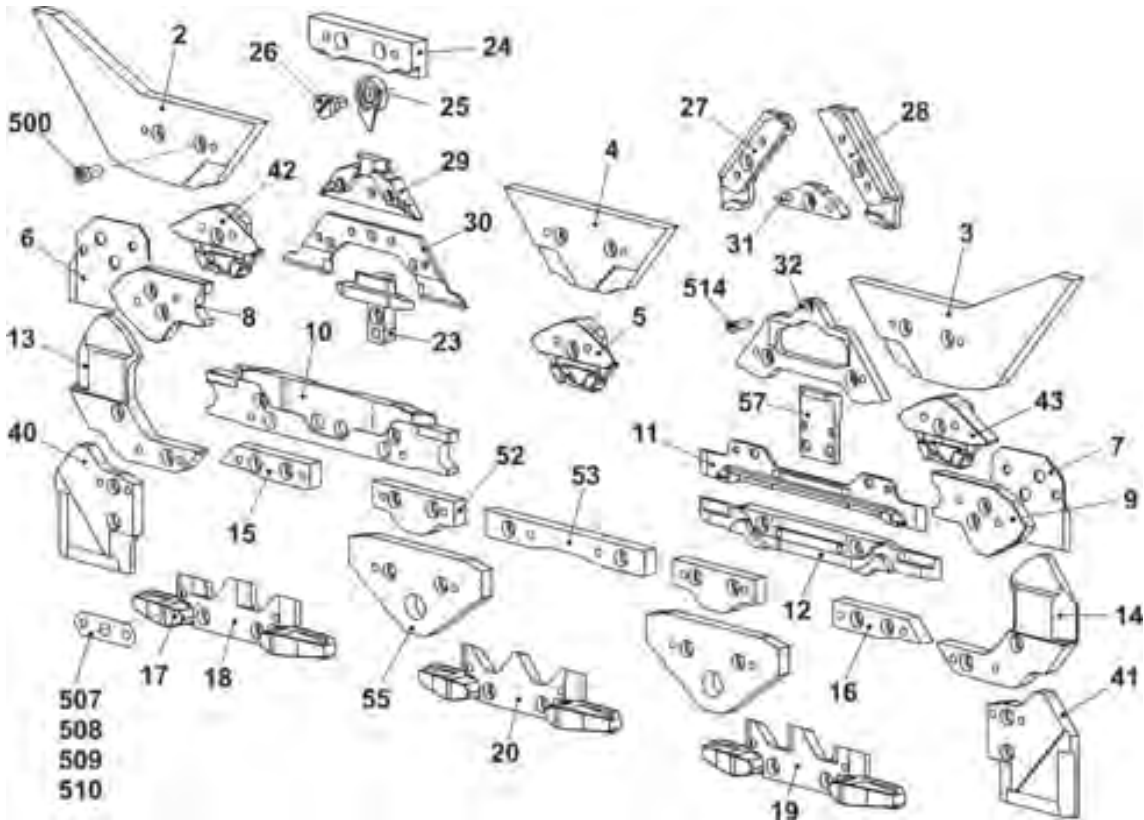
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E6.2(12m.10)		259 267		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

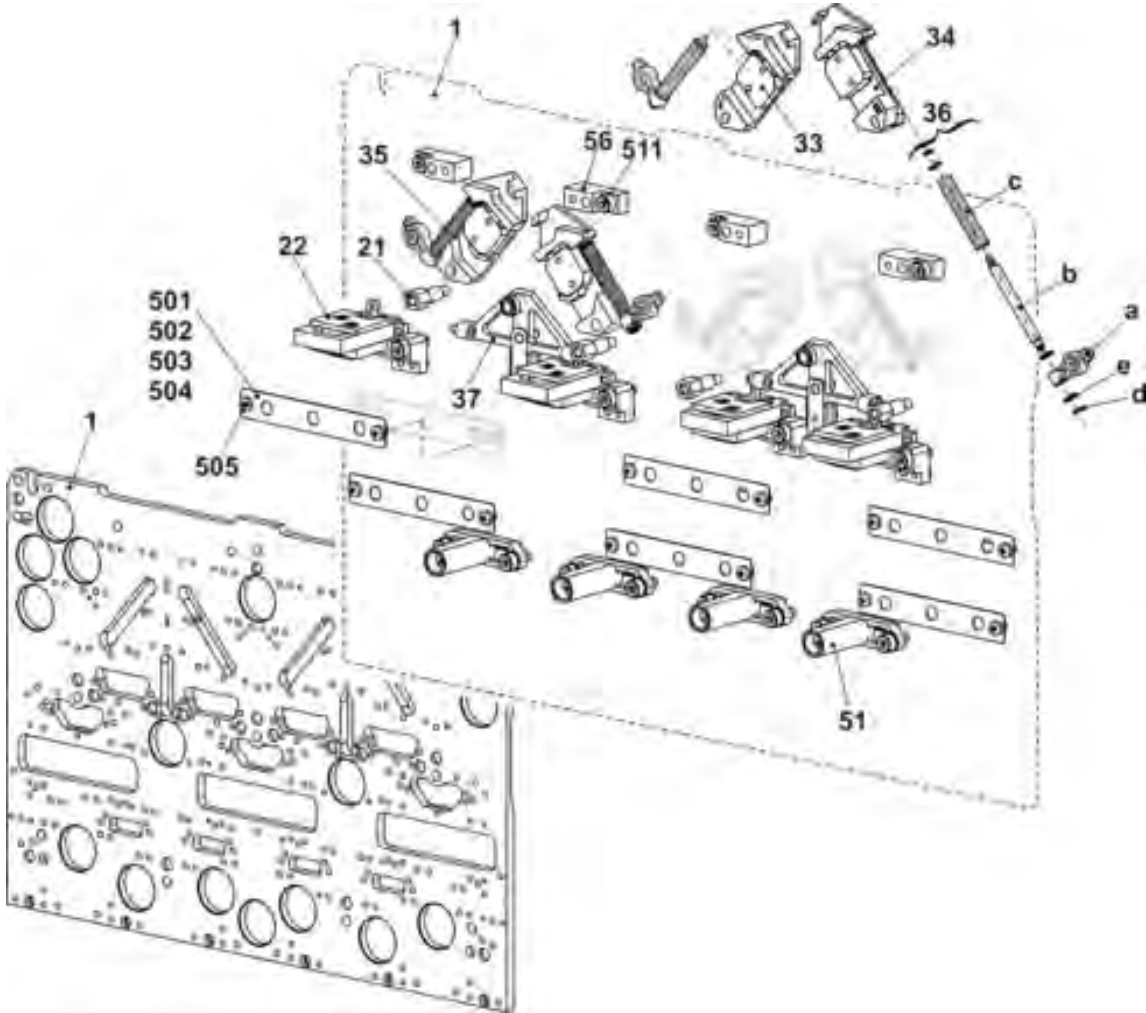
5.1.15.1 Cams E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E10 -E14, E7.2	254 331
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E10 -E14, E7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E10+7.2	254 295
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E10 - 12	251 997
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE10-12, E7.2	254 334
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE10-12, E7.2	254 335
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.16 Cam box E6.2 kw

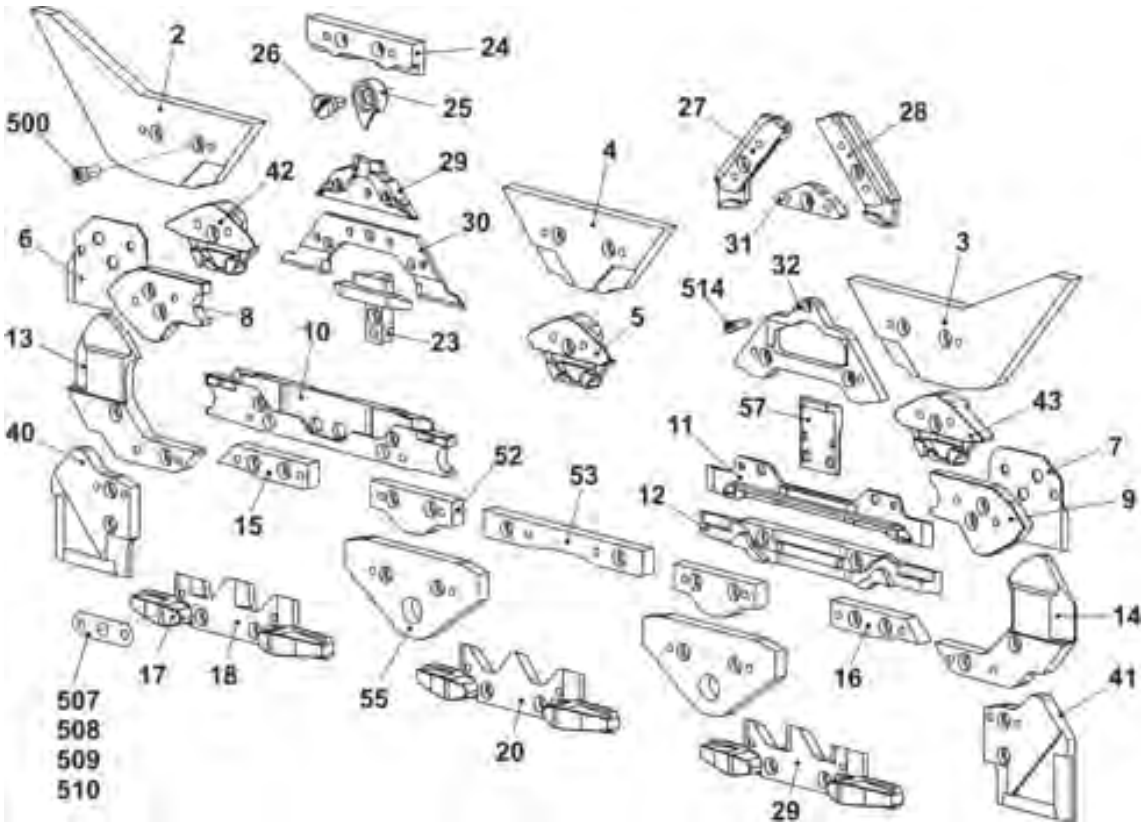
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E6.2 kw		259 268		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

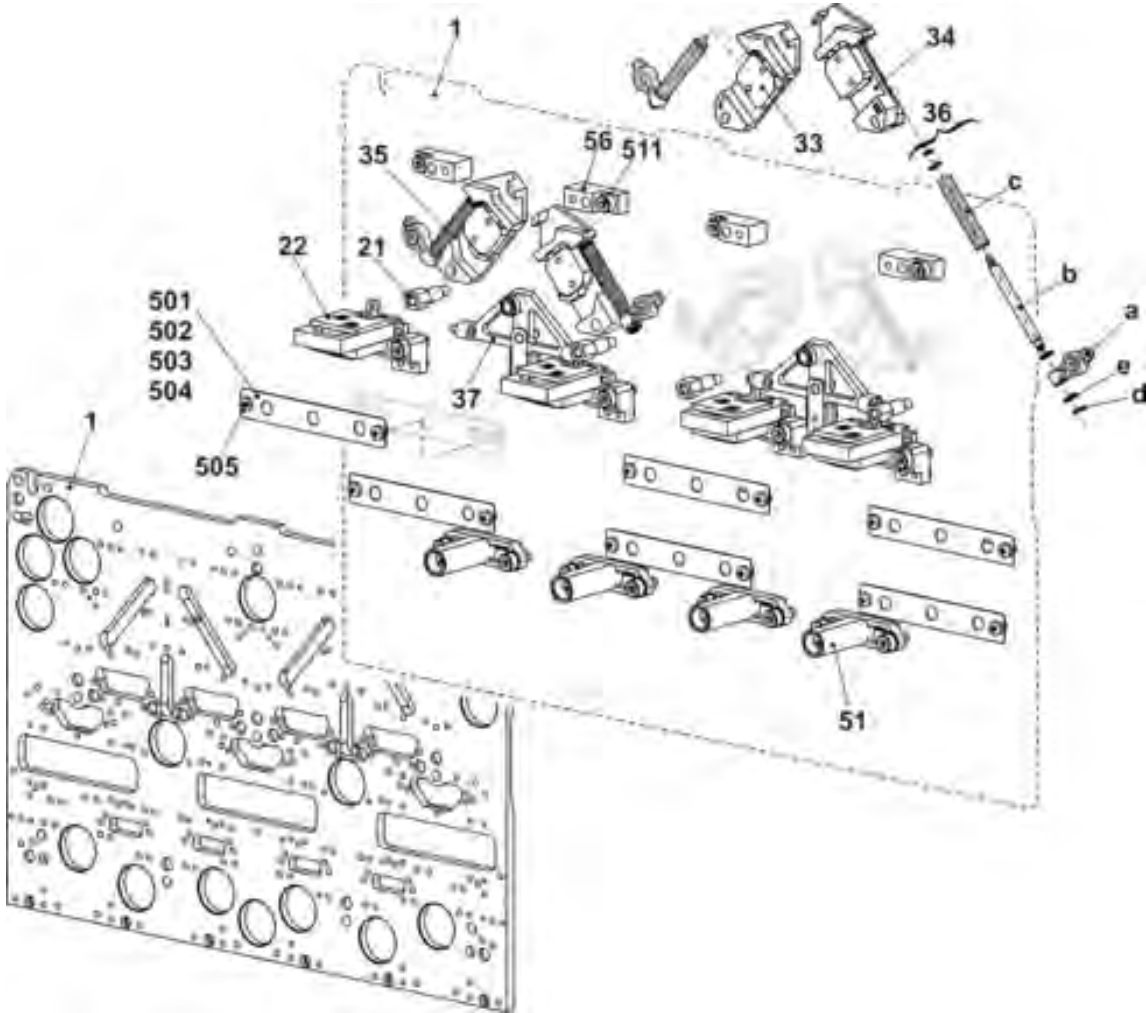
5.1.16.1 Cams E6.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	26	Screw	210 335
3	Entry cam on the right at the top	256 694	27	Stitch cam on the left E6.2	254 342
4	Entry cam at the top	256 692	28	Stitch cam on the right E6.2	254 343
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E6.2	254 301
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E6.2	252 960
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE6.2	254 344
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE6.2	254 345
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E6.2	252 955	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.17 Cam box E7.2 kw

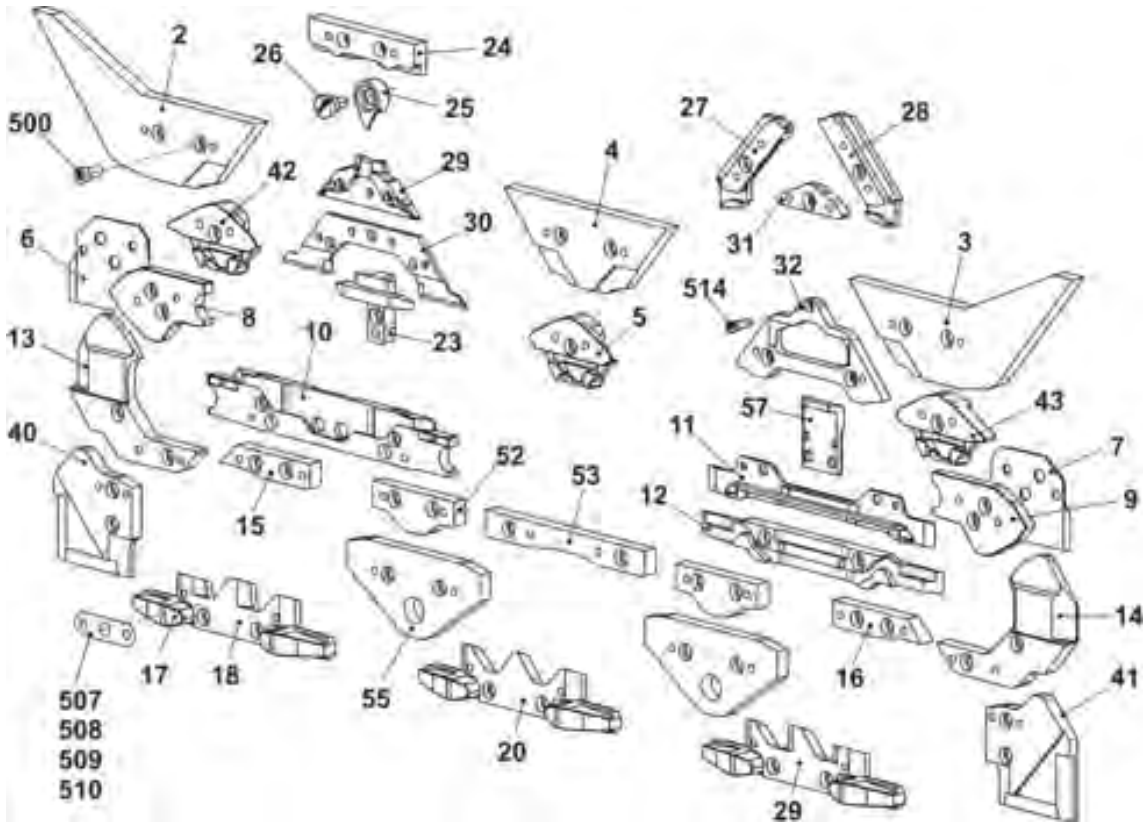
Pos	Designation		Id	Pos	Designation		Id
Σ	Cam box set complete E7.2 kw		259 269	36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160		E	Washer3	020 877
21	Stay bolt		254 839	37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480	51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248	56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249	501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662	502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663	503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148	504	Shim0,2x12x75		022 831
	b	Spring rod	252 661	505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082	511	Cap screw M4x10		023 136



5.1 Overview of carriage

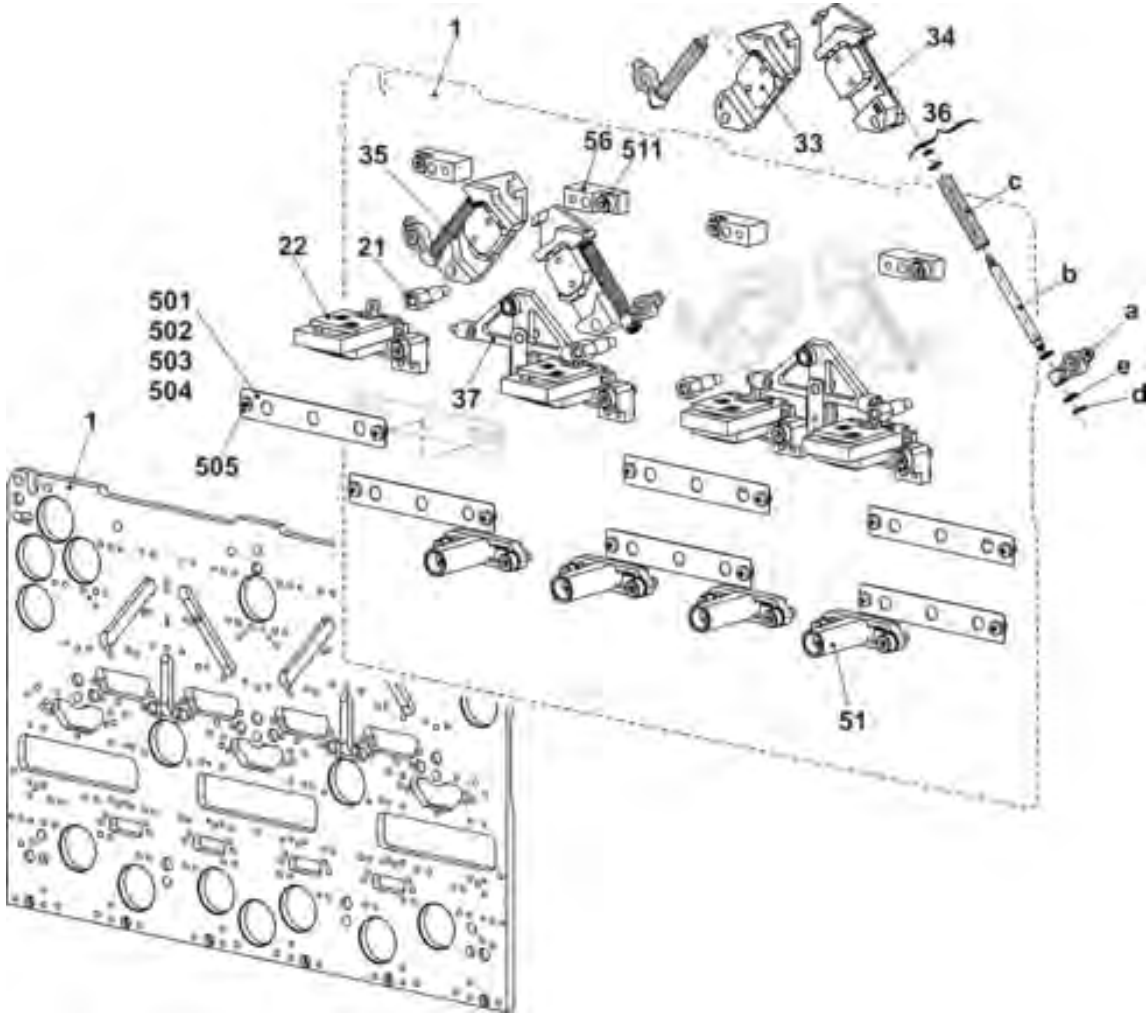
5.1.17.1 Cams E7.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	26	Screw	210 335
3	Entry cam on the right at the top	256 694	27	Stitch cam on the left E10-14, E7.2	254 331
4	Entry cam at the top	256 692	28	Stitch cam on the right E10-14, E7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E10+E7.2	254 295
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E10-12	251 997
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE10-12, 7.2	254 334
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE10-12, 7.2	254 335
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.18 Cam box E6.2 mg

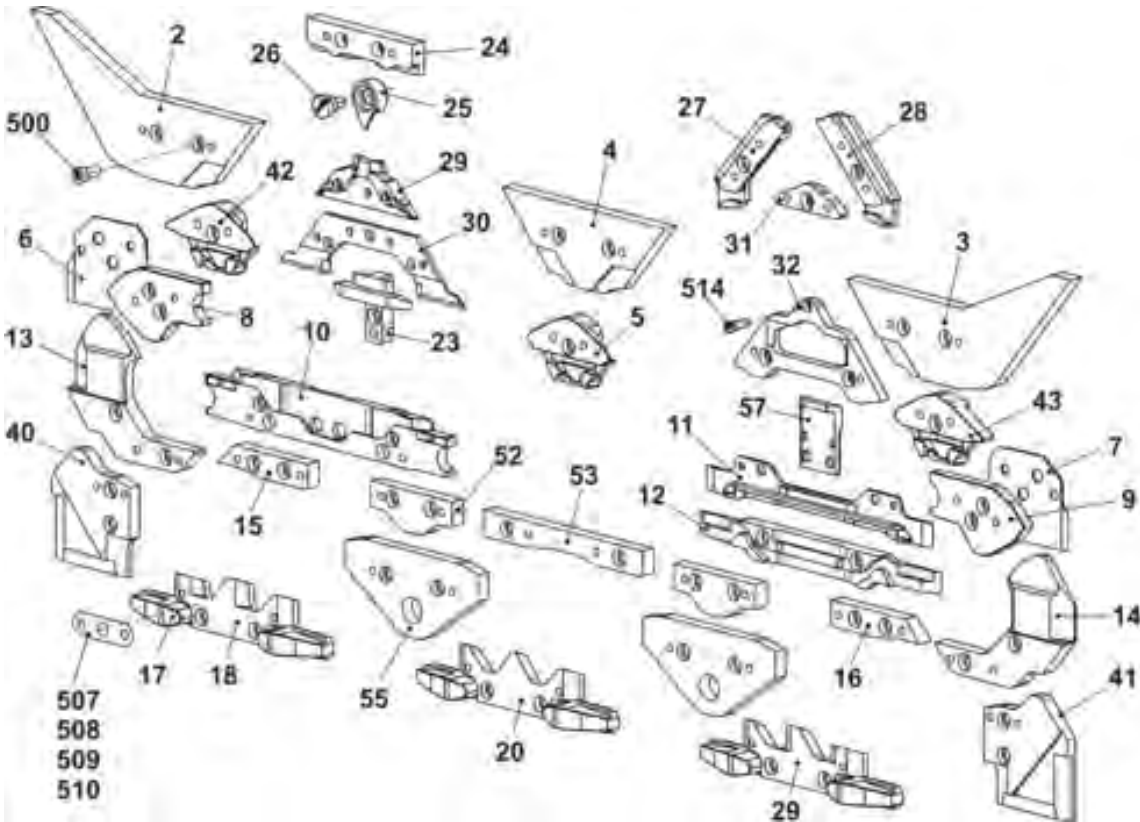
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E6.2 mg		259 270		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

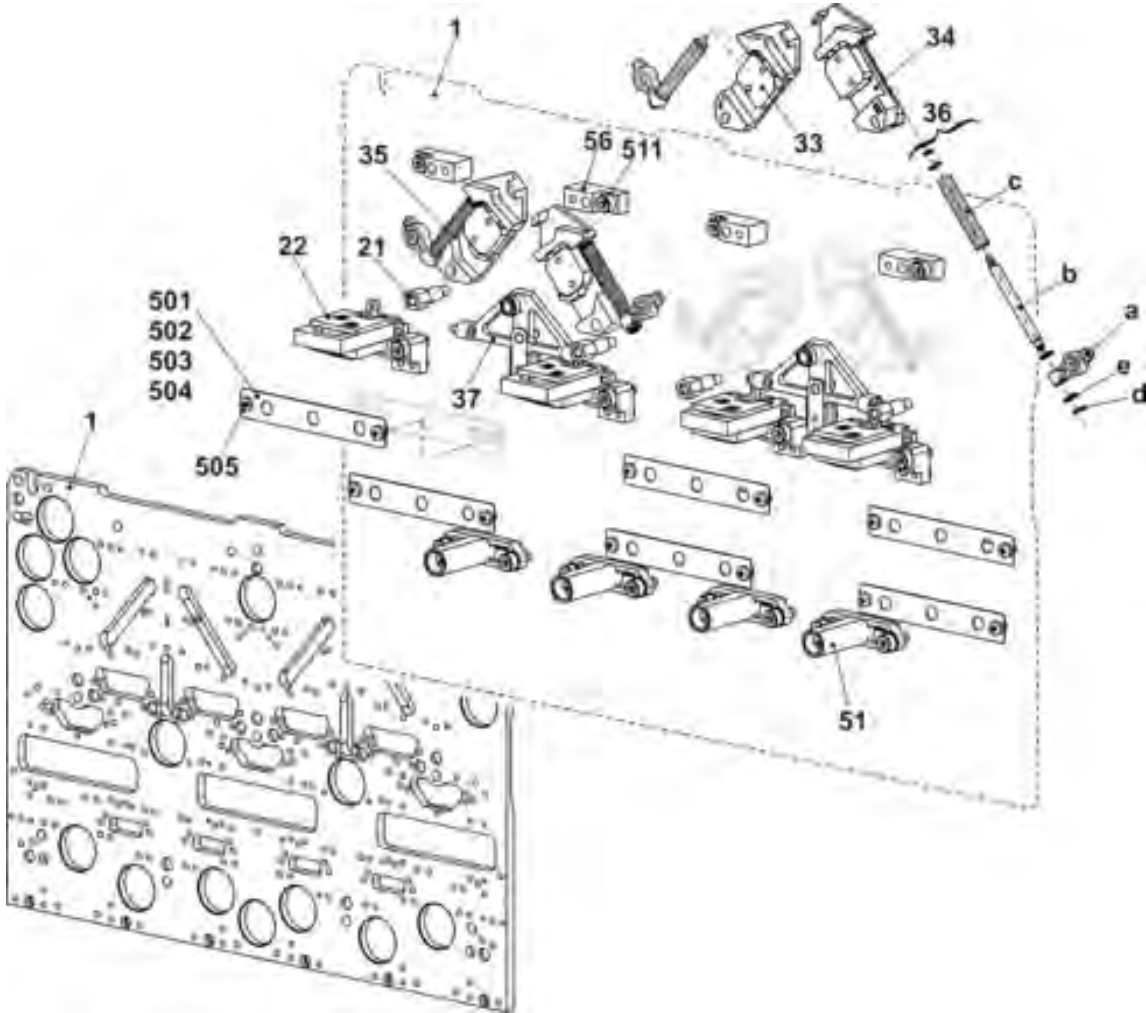
5.1.18.1 Cams E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E6.2	254 342
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E6.2	254 343
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E6.2	254 301
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E6.2	252 960
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE6.2	254 344
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE6.2	254 345
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E6.2	252 955	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.19 Cam box E7.2 mg

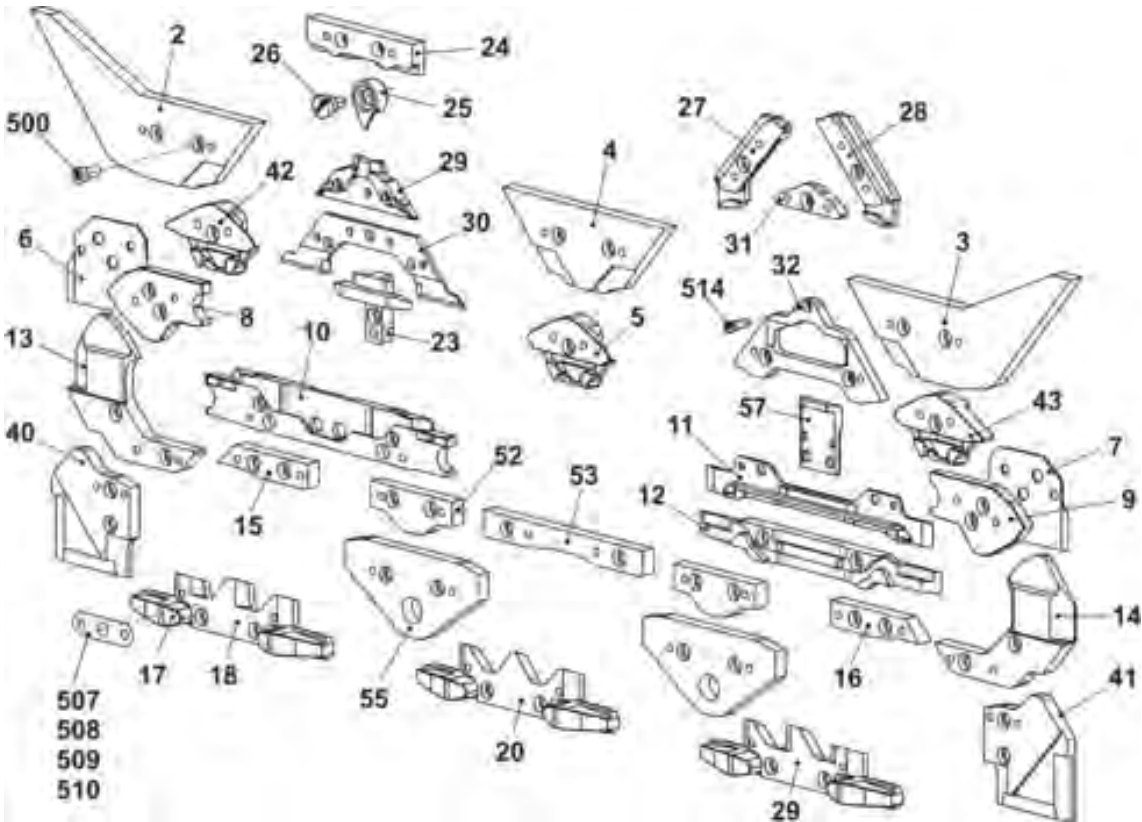
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E7.2 mg		259 271		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE12-14		254 248		56	Holding piece		251 828
34	Loop sinking cam on the right completeE12-14		254 249		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

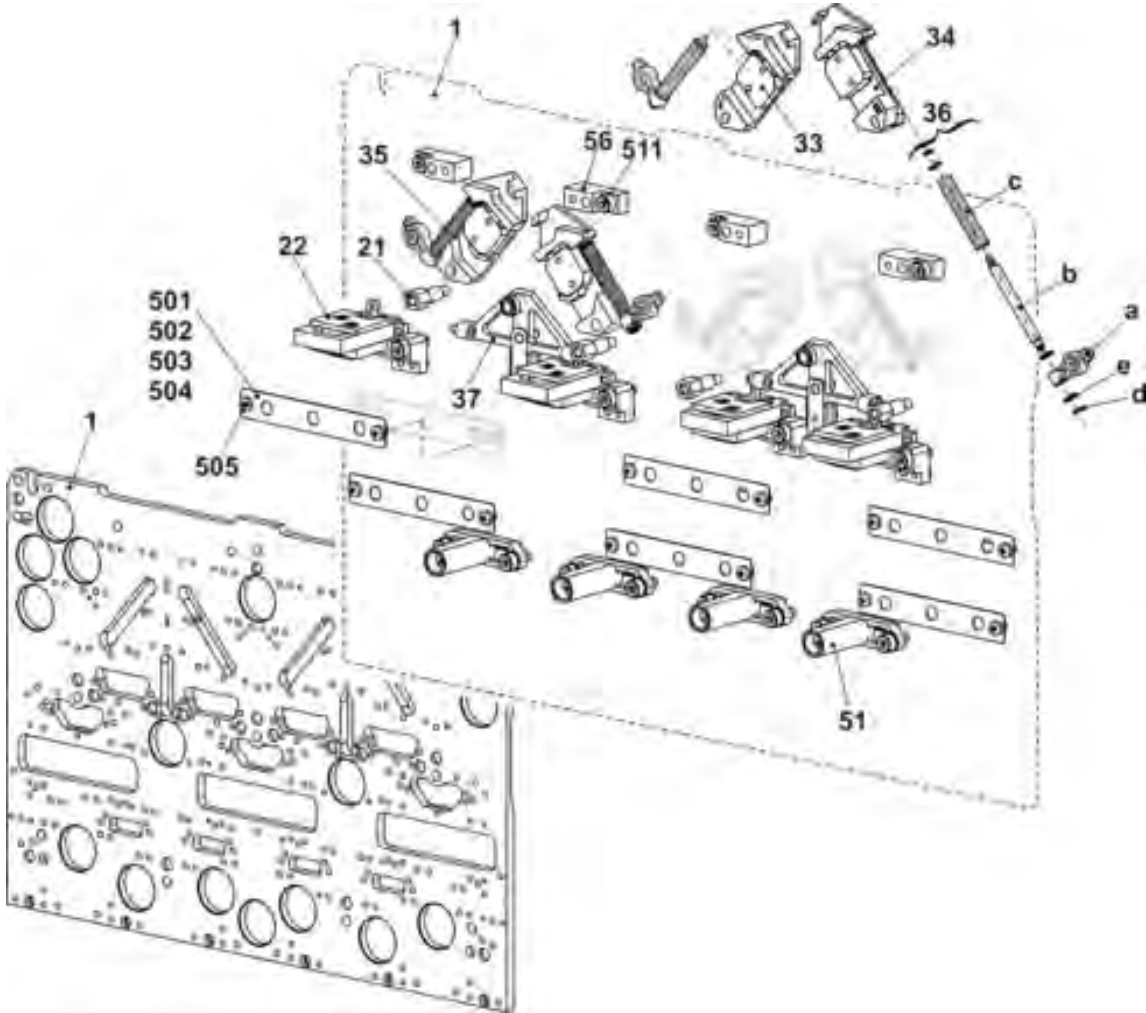
5.1.19.1 Cams E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E10-14, 7.2	254 331
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E10-14, 7.2	254 332
5	Knitting position cam E10-14, 6.2, 7.2	255 021	29	Tuck limiting cam E10+7.2	254 295
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E10-12	251 997
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE10-12, 7.2	254 334
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE6.2	254 335
10	Pressure strip E10-14	255 540	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the left E10-14, 6.2, 7.2	255 022
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screwM4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim 0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim 0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim 0,1x8x28	023 018
24	Limiting cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	514	Cap screwM3x8	020 081



5.1.20 Cam box E8.2 mg

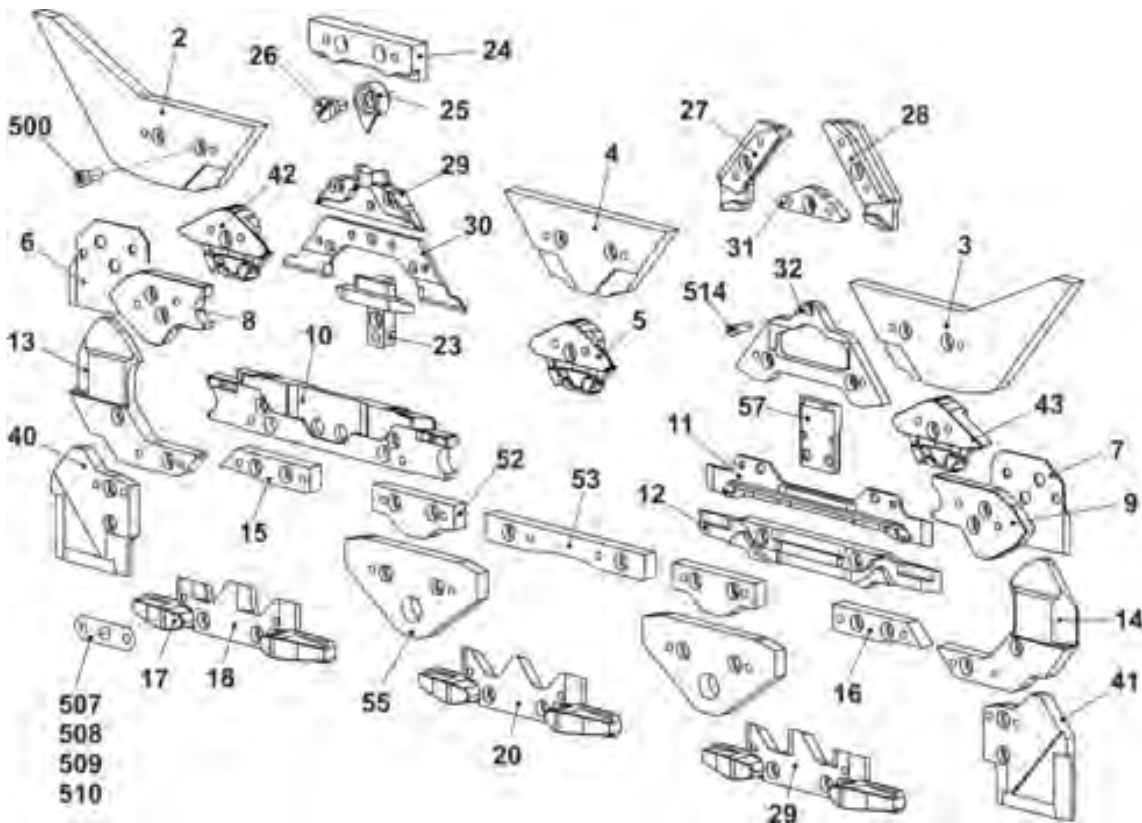
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E16-18		259 272		36	d	Circlip 3	023 565
1	Cam plate E10-18		258 160			E	Washer3	020 877
21	Stay bolt		254 839		37	Slider pressure part complete		251 834
22	Guide of pressure part complete		253 480		51	Limiting cam on the left completeE10-18		251 889
33	Loop sinking cam on the left completeE16-18		251 965		56	Holding piece		251 828
34	Loop sinking cam on the right completeE16-18		251 966		501	Shim0,03x12x75		022 828
35	Rod guide element on the left complete		252 662		502	Shim0,05x12x75		022 829
36	Rod guide element on the right complete		252 663		503	Shim0,1x12x75		022 830
	a	Rod guide part	258 148		504	Shim0,2x12x75		022 831
	b	Spring rod	252 661		505	Pan-head screw M3x4		023 142
	c	Compression spring 0,60x5,30x59,25	257 082		511	Cap screw M4x10		023 136



5.1 Overview of carriage

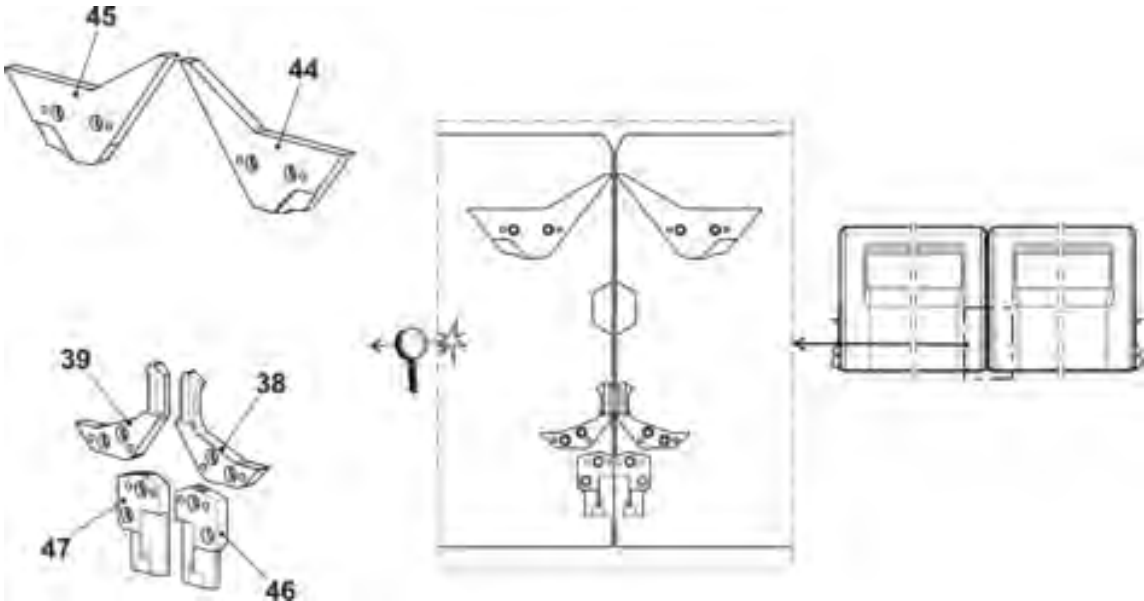
5.1.20.1 Cams E8.2 mg

Pos	Designation	ID	Pos	Designation	ID
2	Entry cam on the left at the top E10-18	256 690	26	Screw	210 335
3	Entry cam on the right at the top E10-18	256 691	27	Stitch cam on the left E16-18, E8.2	254 338
4	Entry cam at the top E10-18	256 689	28	Stitch cam on the right E16-18, E8.2	254 339
5	Knitting position cam E16-18	255 027	29	Tuck limiting cam E8.2	260 902
6	Plate on the left E10-18	255 389	30	Raising cam plate E10-18	251 992
7	Plate on the right E10-18	255 390	31	Receiving cam E8.2	260 903
8	Entry cam on the left E10-18	255 391	32	Raising cam without split-stitchE16-18, E8.2	254 340
9	Entry cam on the right E10-18	255 392	32	Raising cam with split-stitchE16-18, E8.2	254 341
10	Pressure strip E16-18	256 681	40	Cam on the left E10-18	258 153
11	Cam guide at the top E10-18	258 161	41	Cam at the right E10-18	258 154
12	Cam guide E10-18	255 541	42	Knitting position cam on the leftE16-18	255 028
13	Cam on the left E10-18	255 613	43	Knitting position cam on the right E16-18	255 029
14	Cam at the right E10-18	255 614	52	Cam E10-18	251 888
15	Limiting cam on the left E10-18	251 886	53	Limiting cam E10-18	251 885
16	Limiting cam on the right E10-18	251 887	55	Cam E10-18	258 152
17	Offering cam	210 185	57	Transfer pressure part	253 838
18	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
19	Selection cam on the right E10-18	251 877	507	Shim0,03x8x28	023 452
20	Selection cam E10-18	251 875	508	Shim0,05x8x28	023 020
23	Tuck pressure part	253 828	509	Shim0,1x8x28	023 018
24	Limiting cam E8.2	260 901	510	Shim0,2x8x28	023 385
25	Pointer E16-18	252 656	514	Cap screw M3x8	020 081



5.1.21 Cams for narrow coupling

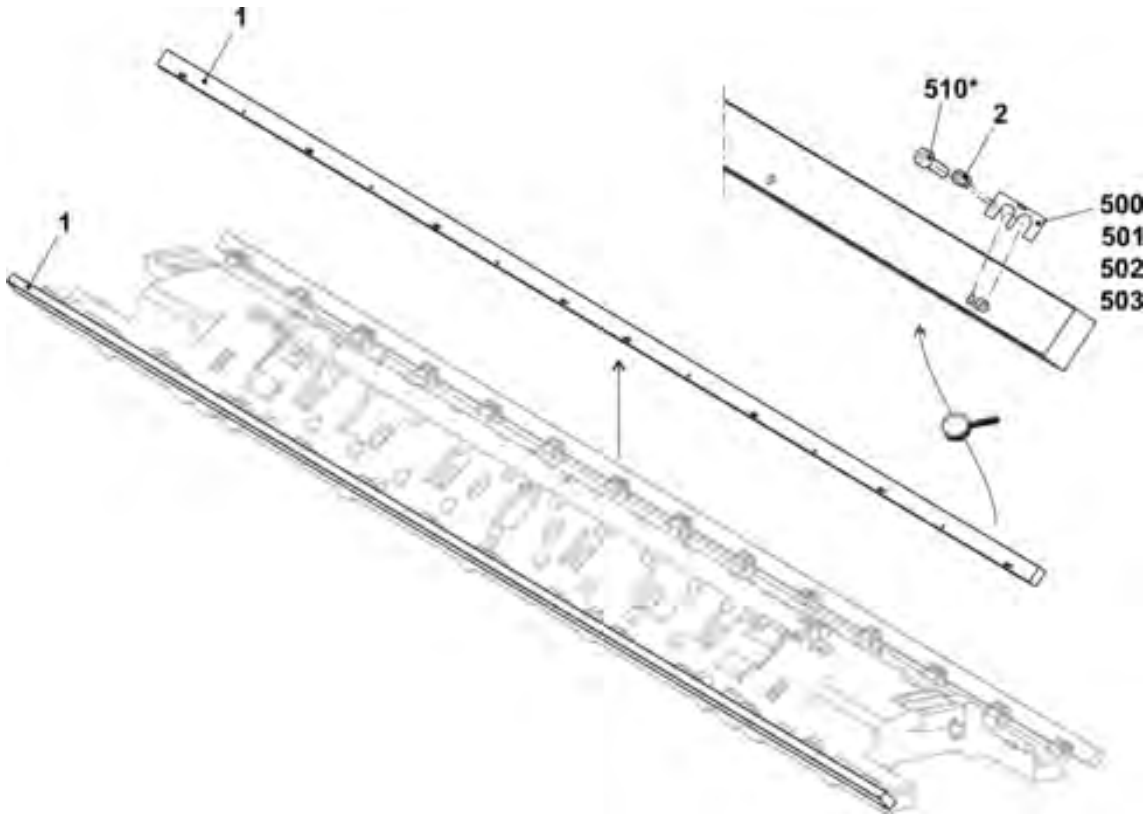
Pos	Designation	Id		Pos	Designation	Id
38	Cam on the left E10-18	252 002		45	Entry cam on the right at the top E10-18	256 697
39	Cam at the right E10-18	252 003		46	Cam on the left E10-18	258 155
44	Entry cam on the left at the top E10-18	256 696		47	Cam at the right E10-18	258 156



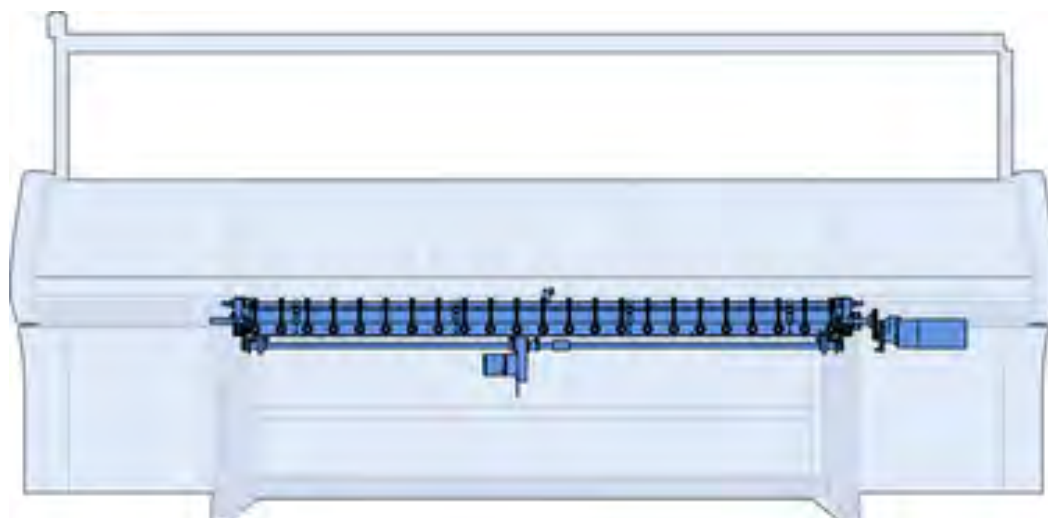
5.2 Spare parts package carriage guide rail

5.2 Spare parts package carriage guide rail

Pos	Designation	ID		Pos	Designation	ID
Σ	Spare parts package carriage guide rail 84"	252 993		501	Shim 0,05x22x42	243 291
1	Carriage guide rail	242 486		502	Shim 0,10x22x42	243 292
2	Adjusting eccentric	241 219		503	Shim 0,20x22x42	243 293
500	Shim 0,03x22x42	243 289		510*	Cap screwM8x20	020 141

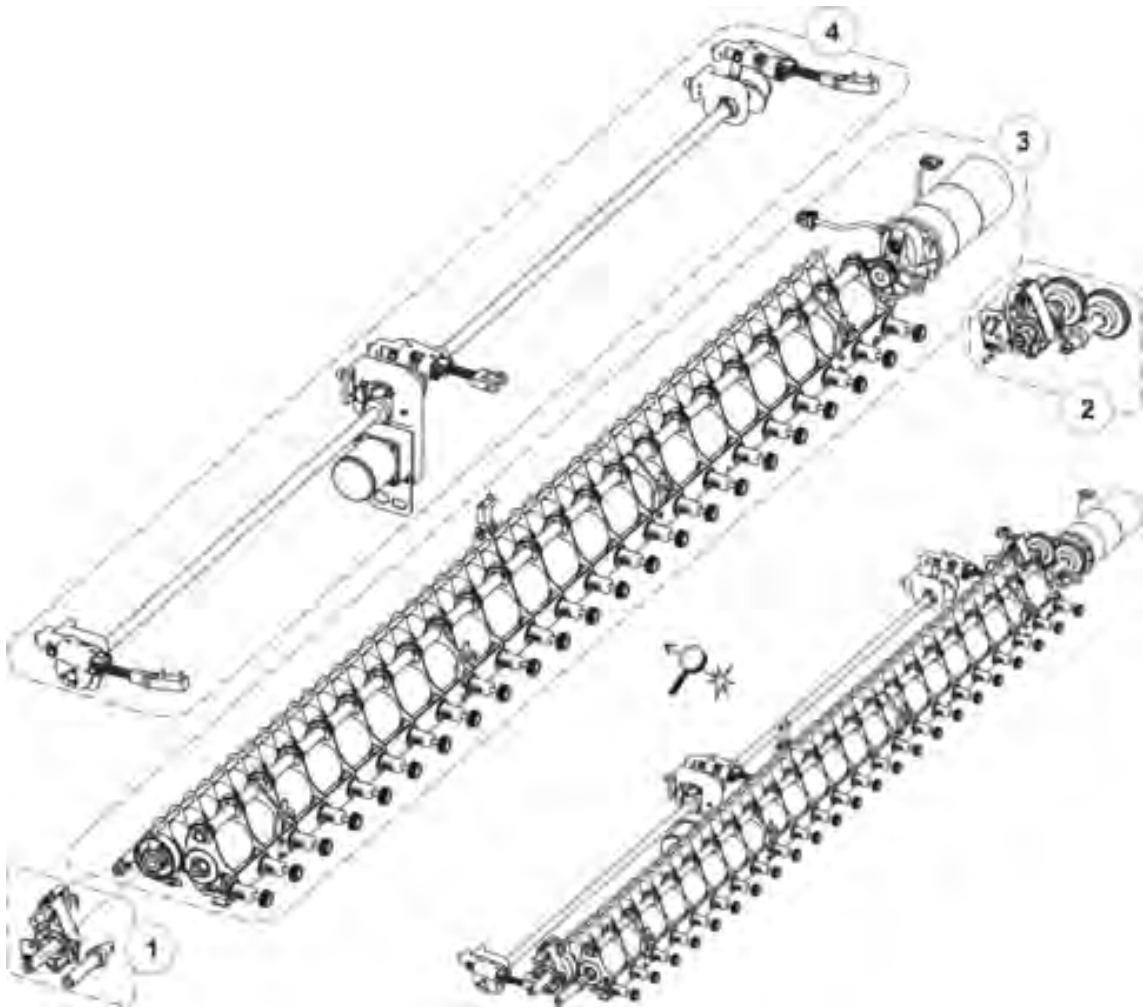


6 Main take-down



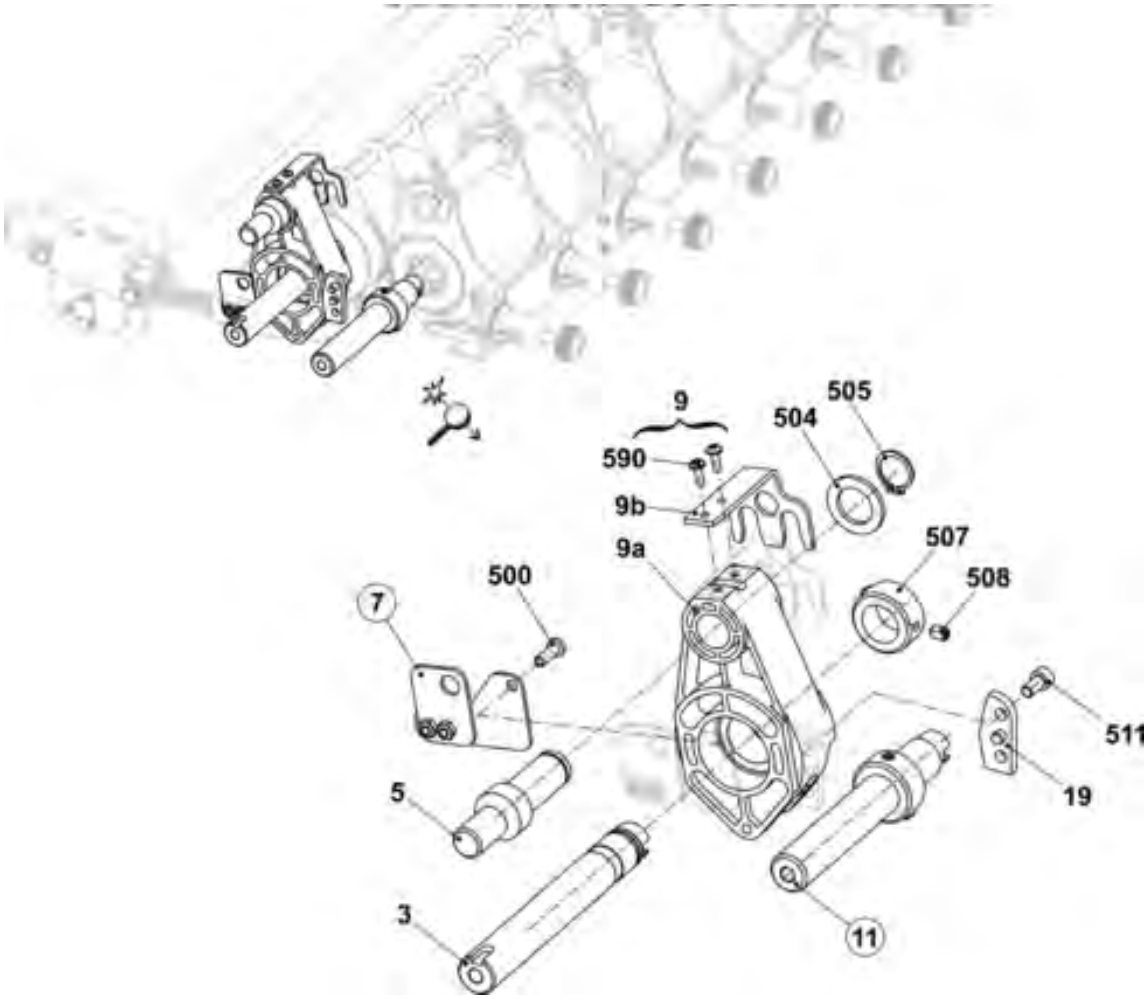
6.1 Main take-down

Pos	Designation	ID		Pos	Designation	ID
Σ	Main take-down					
1	Main take-down on the left	255 257		4	Main take-down on / off complete 84"	253 387
2	Main take-down on the right	255 258				
3	Main take-down in the middle E10 E12 E14 E6.2(12m.10) E6.2 E7.2	255 249				
	Main take-down in the middle E16 E18 E8.2	255 283				



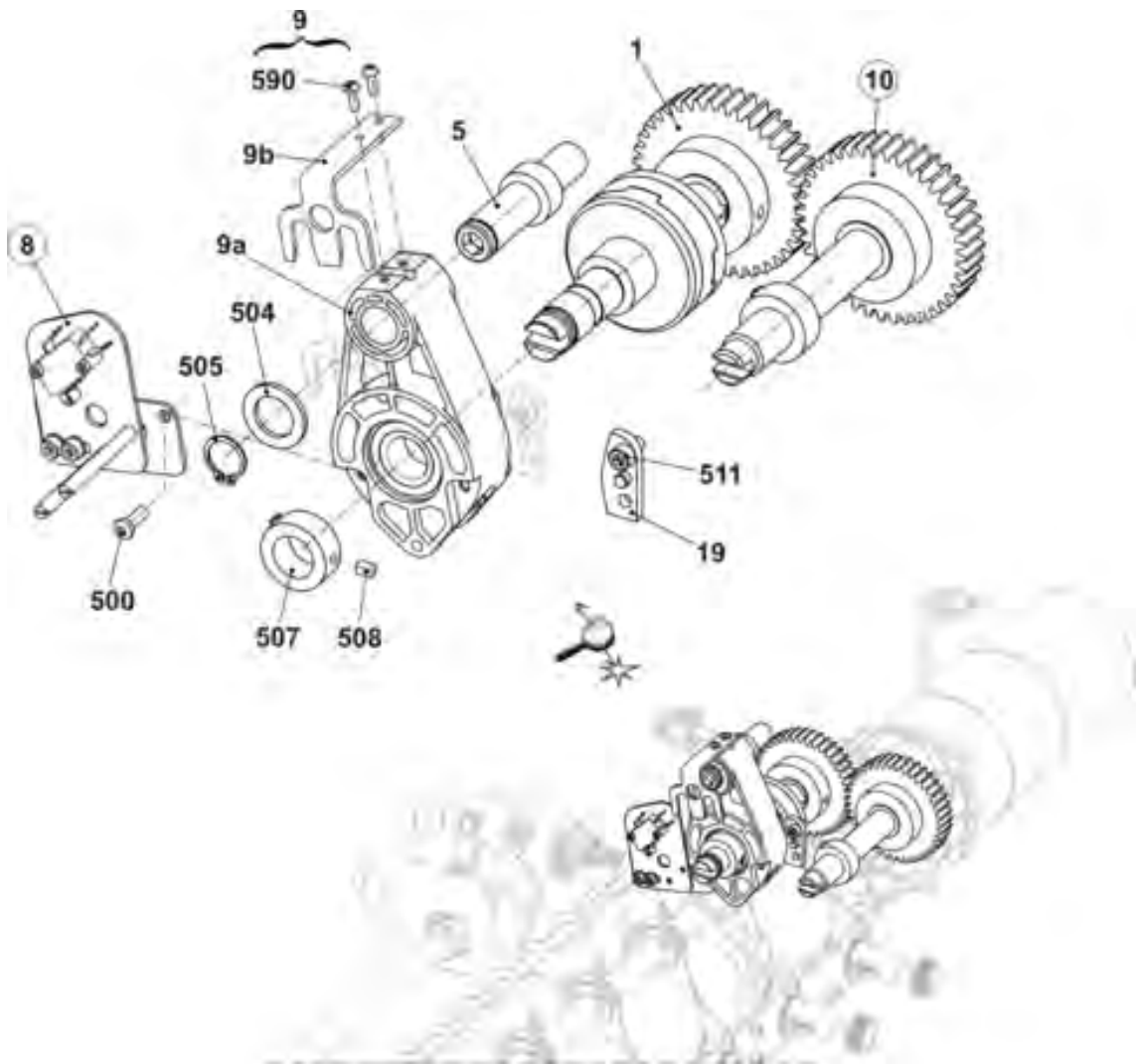
6.2 Main take-down on the left

Pos	Designation	ID		Pos	Designation	ID
Σ	Main take-down on the left	255 257		11	Full floating axle on the left	237 354
3	Shaft on the left at the rear	255 305		19	Stop point	252 503
5	Bolts	208 538		500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725		504	Washer18	023 295
9	Swivel-mounted bearing	253 247		505	Locking ring18x1,2	020 955
	9a	Swivel-mounted bearing		507	Set collar	020 938
	9b	Sheet metal support		508	Setscrew	022 684
	590	Screw 35x10		511	Cap screwM6x12	020 134



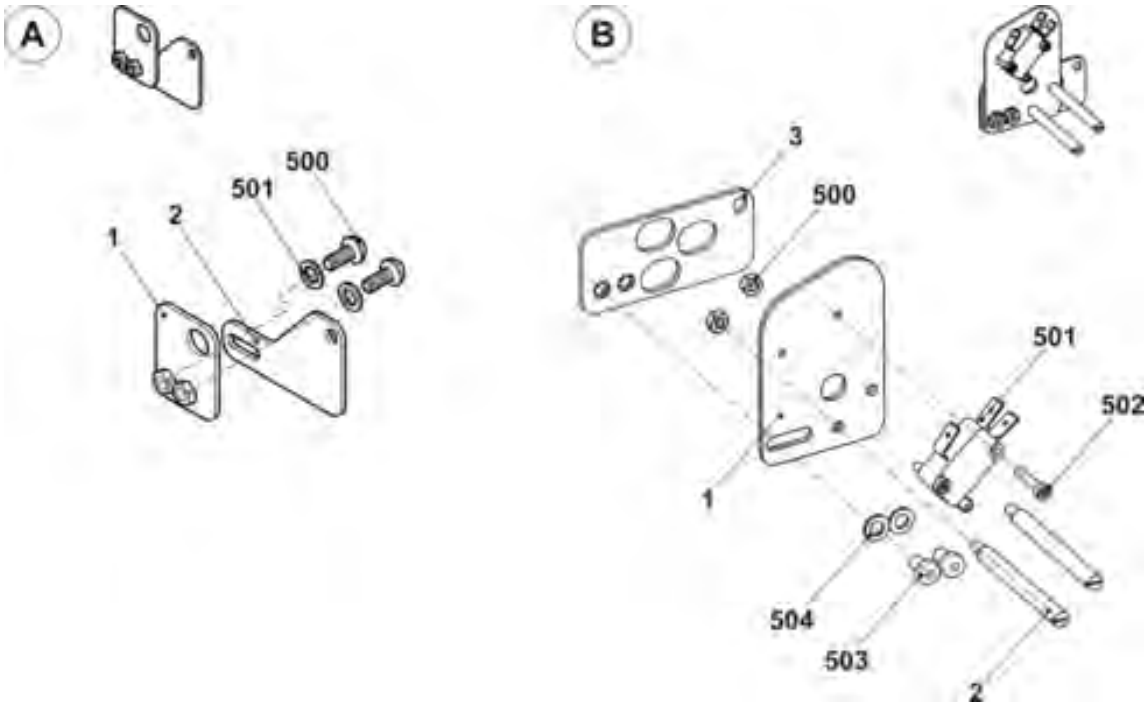
6.3 Main take-down on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down on the right	255 258	10	Full floating axle on the right	237 353
1	Clutch set	253 260	19	Stop point	252 503
5	Bolts	208 538	500	Screw 50x15	251 728
8	Mounting plate on the right complete	260 090	504	Washer18	023 295
9	Swivel-mounted bearing	253 247	505	Locking ring18x1,2	020 955
	9a	Swivel-mounted bearing	507	Set collarA20	020 938
	9b	Sheet metal support	508	Setscrew M6x8	022 684
	590	Screw 35x10	511	Cap screw M6x12	020 134



6.3.1 Mounting plate

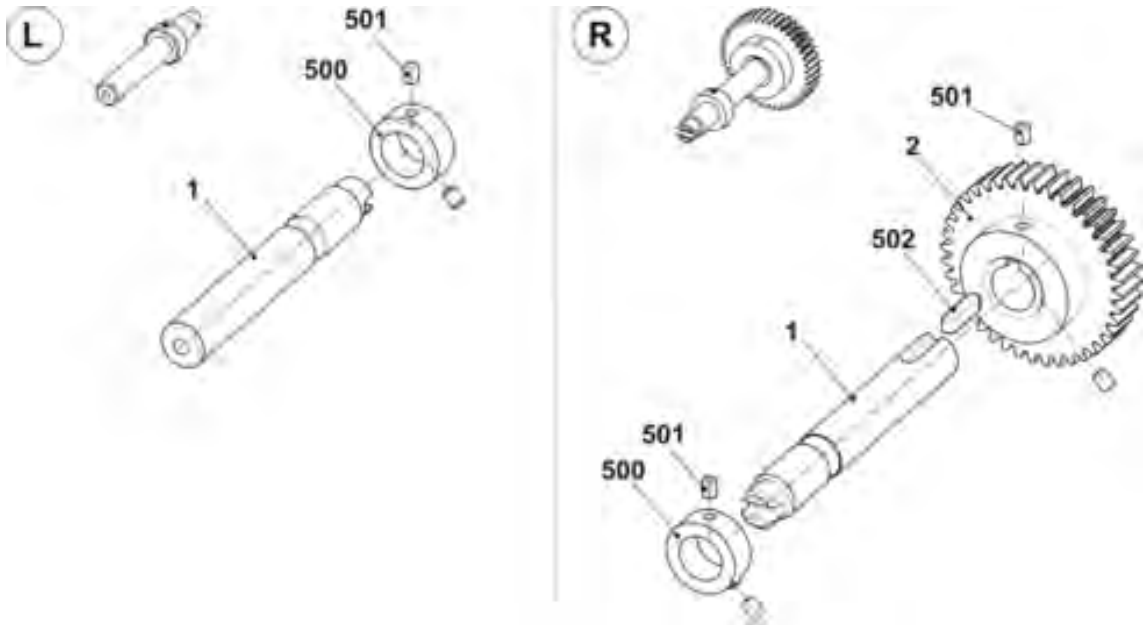
Pos	Designation	ID		Pos	Designation	ID
Σ L	Mounting plate on the left complete	231 725		Σ R	Mounting plate on the right complete	260 090
1	Mounting plate on the left	231 541		1	Mounting plate on the right	260 067
2	Retaining plate on the left	231 539		2	Shoulder screw	240 067
500	Pan-head screw M5x10	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 Main take-down on the right

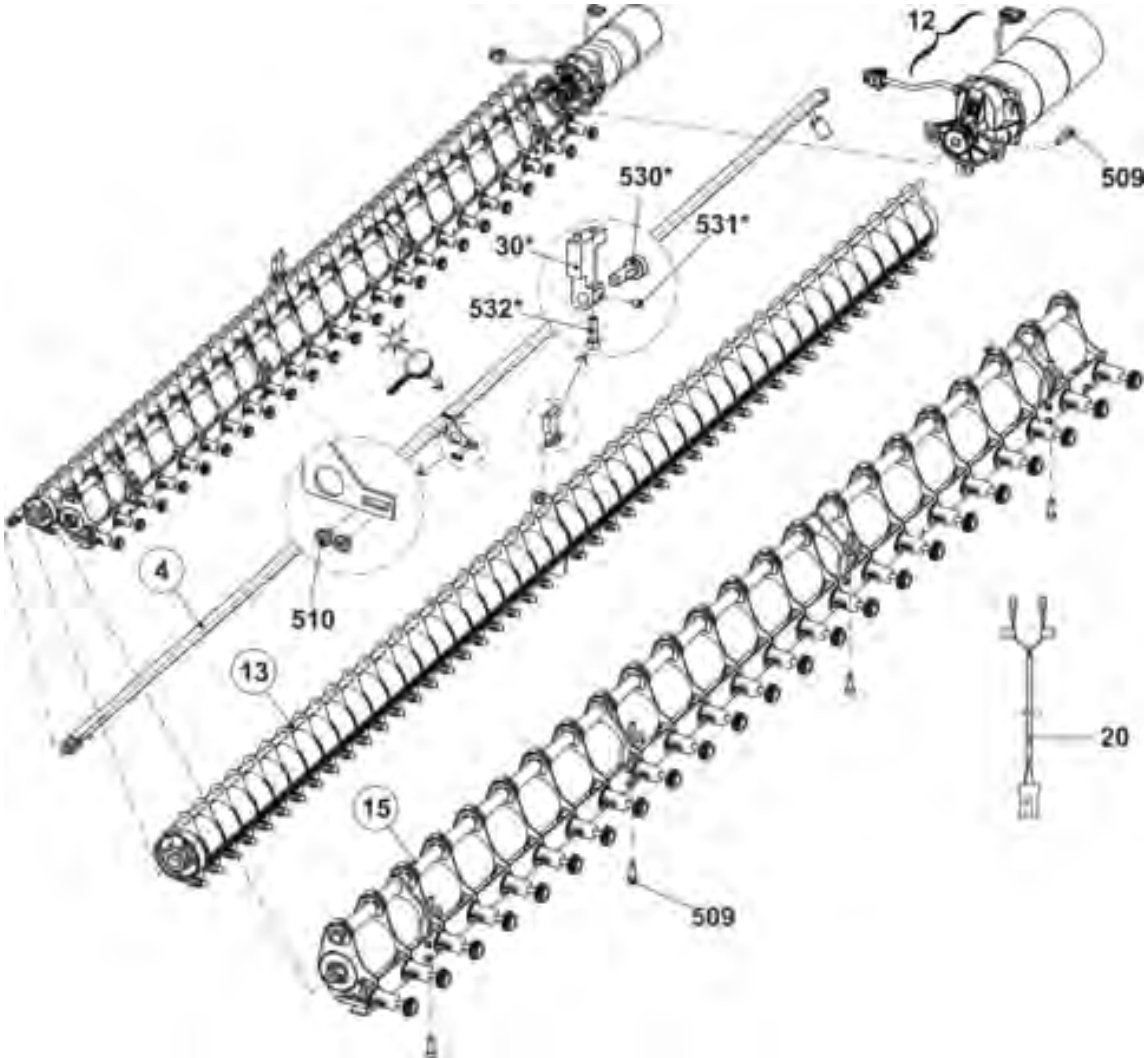
6.3.2 Full floating axle

Pos	Designation	ID		Pos	Designation	ID
Σ L	Full floating axle on the left	237 354		Σ R	Full floating axle on the right	237 353
1	Shaft on the left at the front	237 334		1	Shaft on the right in front	237 340
500	Set collar	020 938		2	Gear wheel Z=40, M=2	213 744
501	SetscrewM6x8	022 684		500	Set collar	020 938
				501	SetscrewM6x8	022 684
				502	Feather key A 6x6x25	023 017



6.4 Main take-down in the middle

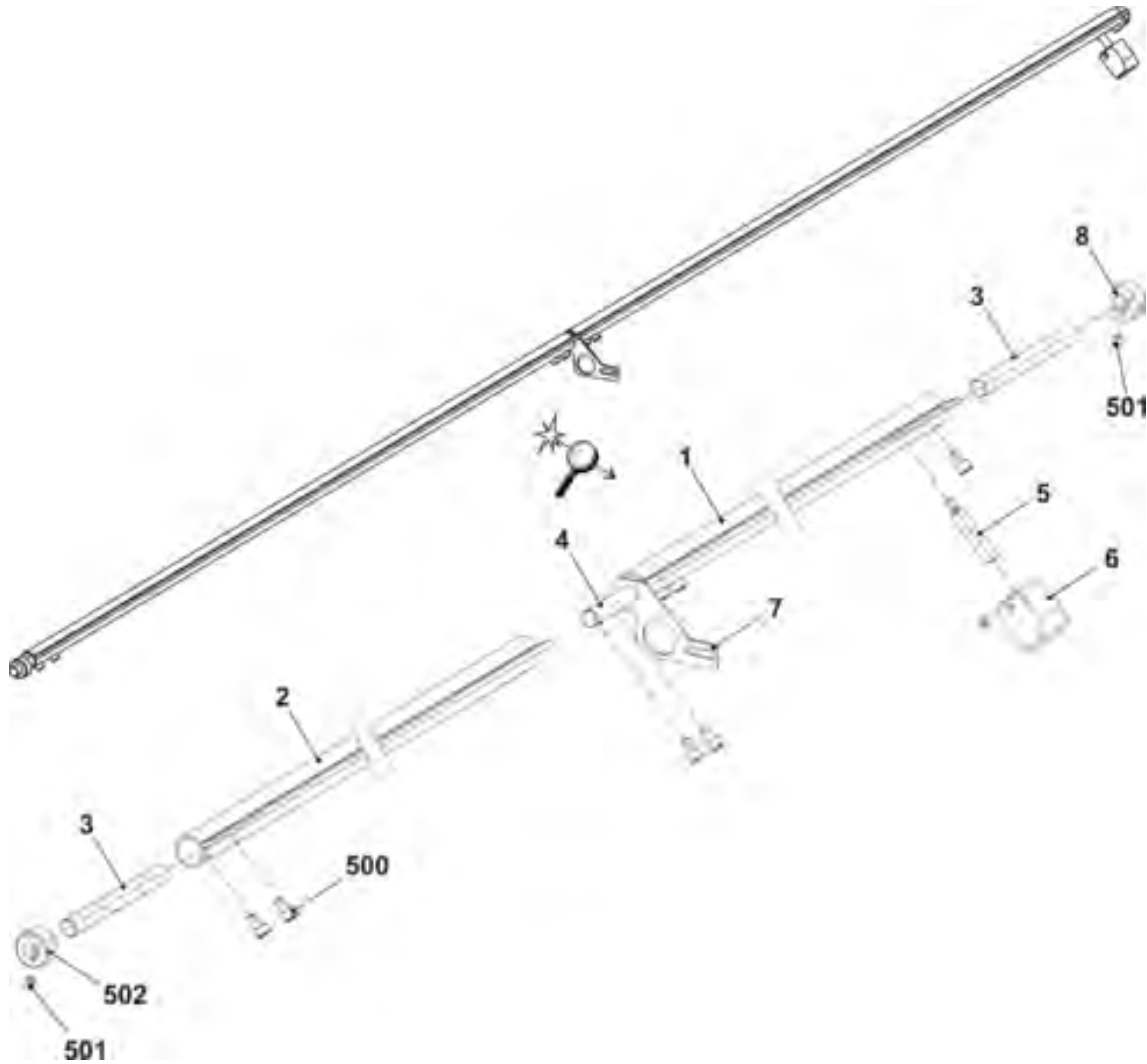
Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down in the middle		13	Take-down roller at the rear complete	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	255 249		E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810
	E16 E18 E8.2 mg	255 283		E16 E18 E8.2 mg	243 889
4	Stripper angle at the rear complete	259 987	510	Pan-head screw M4x6	235 450
12	Motor take-down unit complete	253 803	30*	Bearing block	237 204
15	Take-down roller at the front complete	253 390	530*	Bolts	237 211
20	Connection cable winding plate	241 703	531*	Setscrew M6x8	023 723
509	Cap screw M8x25	020 142	532*	Cap screw M8x20	020 136



6.4 Main take-down in the middle

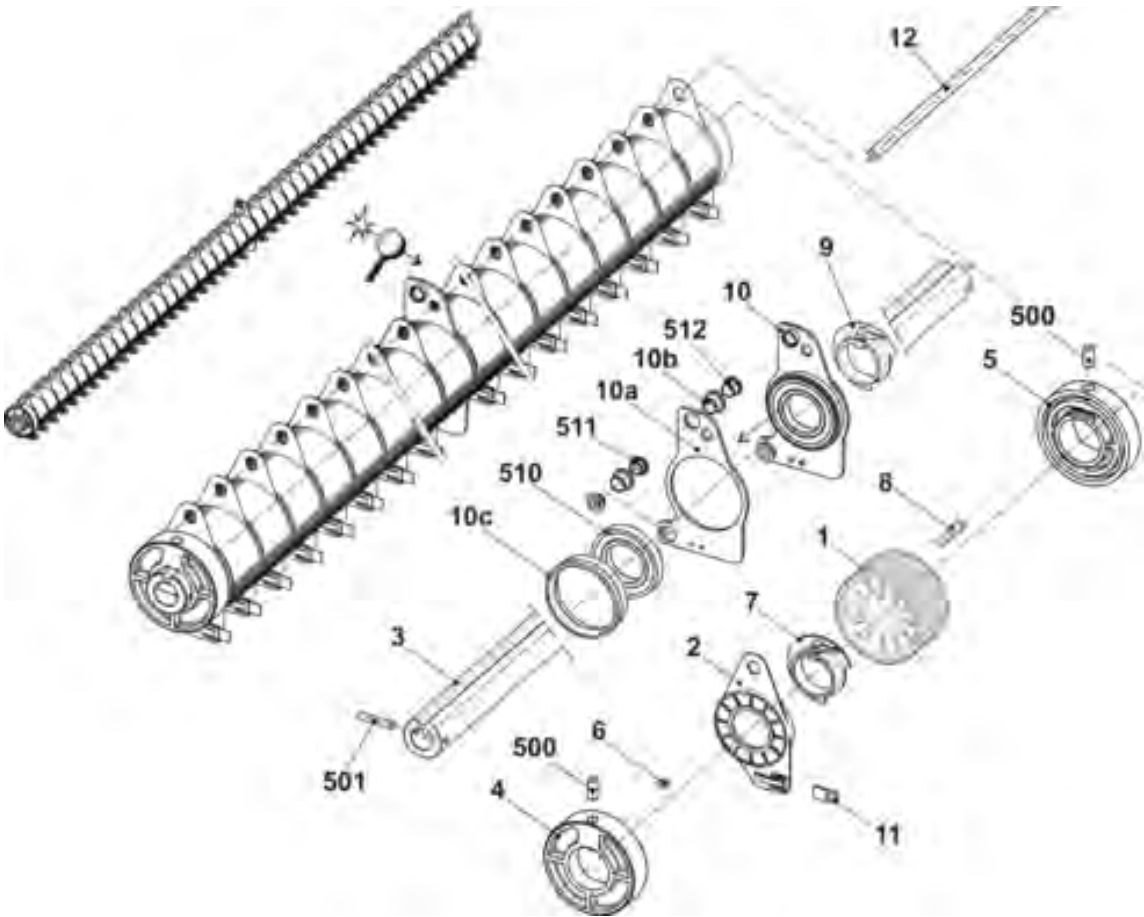
6.4.1 Stripper angle

Pos	Designation	Id		Pos	Designation	Id
Σ	Stripper angle at the rear complete	259 987		6	Adjustment weight	260 426
1	Stripper angle on the right	259 976		7	Bracket	260 060
2	Stripper angle on the left	259 977		8	Cam	260 109
3	Axle	259 969		500	Cap screw M5x8	023 319
4	Axle	259 970		501	Setscrew M5x6	022 738
5	Bolts	228 310		502	Set collar	020 934



6.4.2 Rear take-down roller

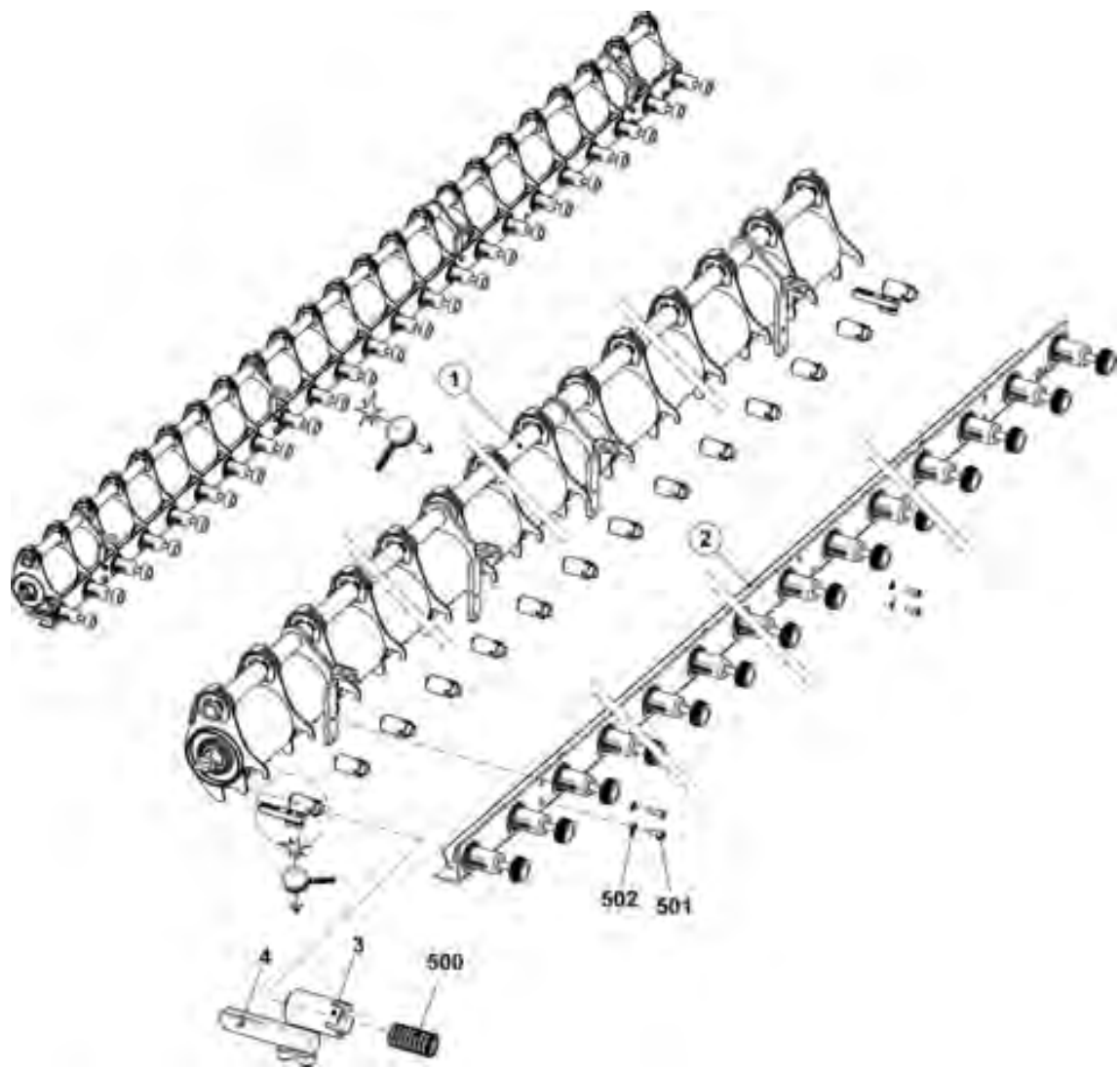
Pos	Designation	ID		Pos	Designation	ID
Σ	Take-down roller at the rear complete			1	Roller	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	206 770
	E16 E18 E8.2 mg	243 889			E16 E18 E8.2 mg	231 400
2	Stripper	241 612		10c	Ring	222 895
3	Shaft	237 190		9	Stop ring on the left	222 910
4	Ring on the left	255 830		11	Brush	225 819
5	Ring on the right	255 831		12	Rod	237 192
6	Spacer slide	222 062		500	Setscrew	258 910
7	Stop ring on the left	204 369		501	Dowel pin 6x32	020 685
8	Spacer slide	240 104		510	Grooved ball bearing 16007	021 697
10	Support	232 578		511	Slide bearing GFM-101216-06	023 280
10a	Supporting plate	232 512		512	Slide bearing GFM-101216-09	023 356
10b	Bearing	232 571				



6.4 Main take-down in the middle

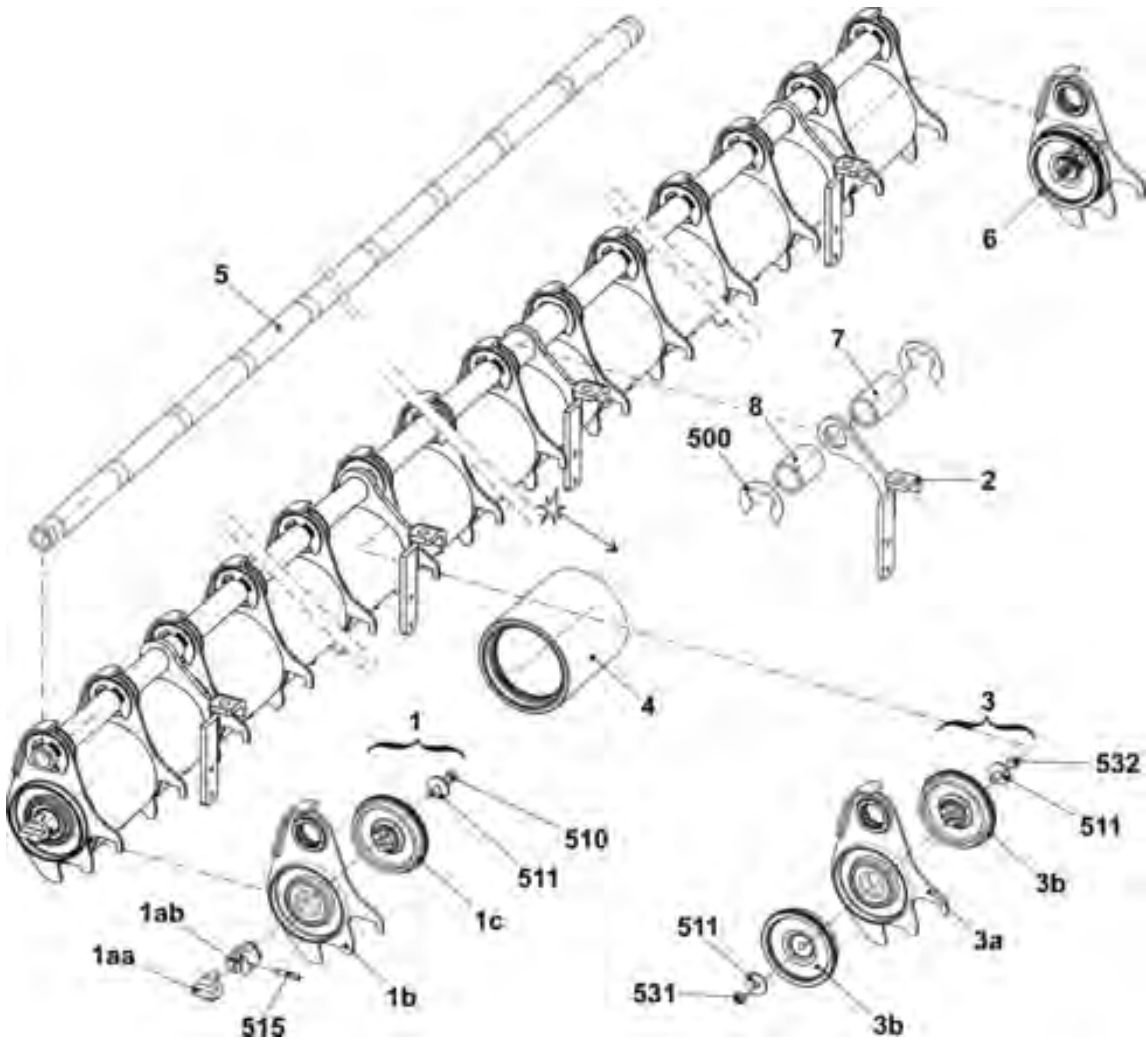
6.4.3 Front take-down roller

Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the front complete	253 390		4	Locating piece	221 935
1	Take-down roller at the front	253 423		500	Compression spring 1x10x30	023 741
2	Angle rail complete	242 316		501	Cap screwM5x12	020 132
3	Pressure sleeve	220 911		502	Washer5-200	020 880



6.4.3.1 Front roller elements

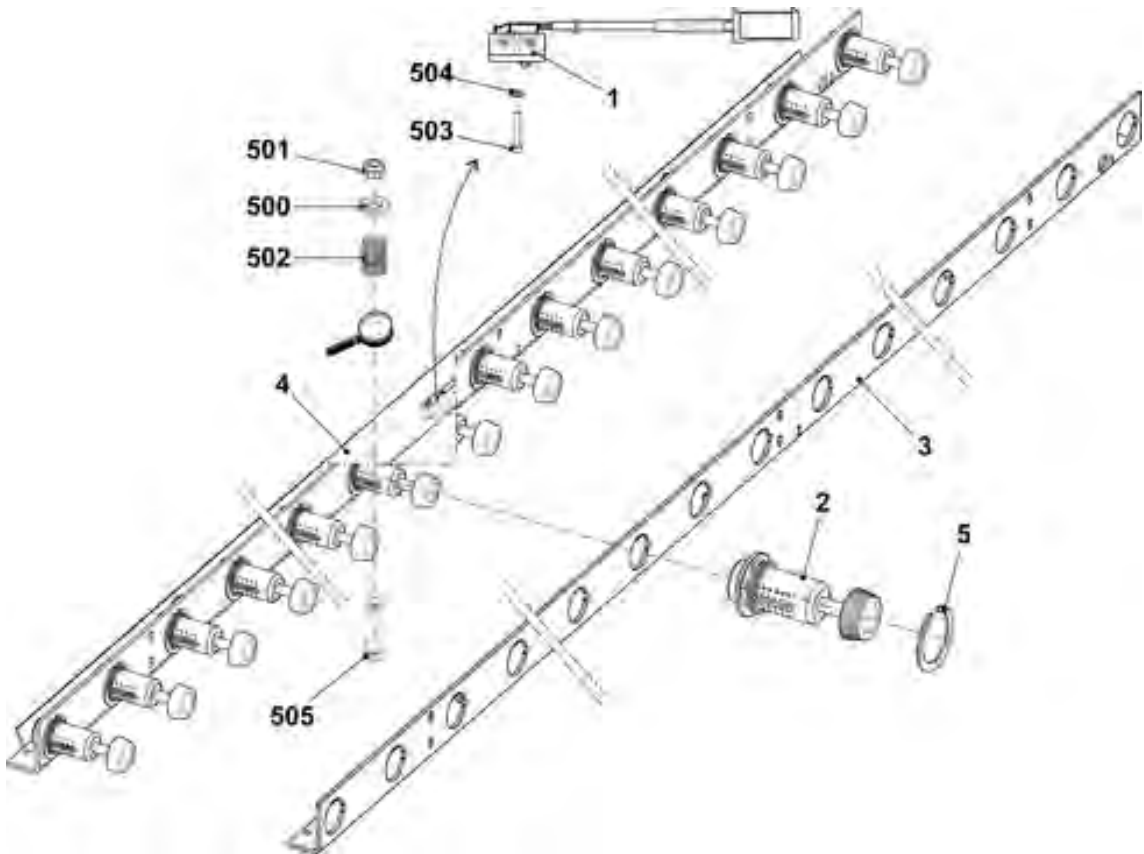
Pos	Designation		ID		Pos	Designation		ID
Σ	Take-down roller at the front		253 423		4	Roller		220 905
1	Bearing support on the left complete		221 225		5	Tube		237 191
	1aa	adaptor	221 132		6	Bearing support on the right complete		221 240
	1ab	Universal joint	221 137			1aa	Universal joint	221 137
	1b	Bearing support	220 913			1ab	adaptor	221 132
	1c	Gear wheel	220 910			1b	Bearing support	220 913
	510	Cap screwM5x20	020 133			1c	Gear wheel	220 910
	511	Washer5	023 542			510	Cap screwM5x20	020 133
	515	Spring dowel sleeve 4x20	023 551			511	Washer5	023 542
2	Support		251 557			515	Spring dowel sleeve 4x20	
3	Bearing support complete		221 241		7	Spacer pipe on the right		253 407
	3a	Bearing support	220 913		8	Spacer pipe on the left		253 408
	3b	Gear wheel	220 910		500	Circlip		021 025
	531	Hexagon nut M5-8	023 541					
	532	Cap screwM5x30	022 396					



6.4 Main take-down in the middle

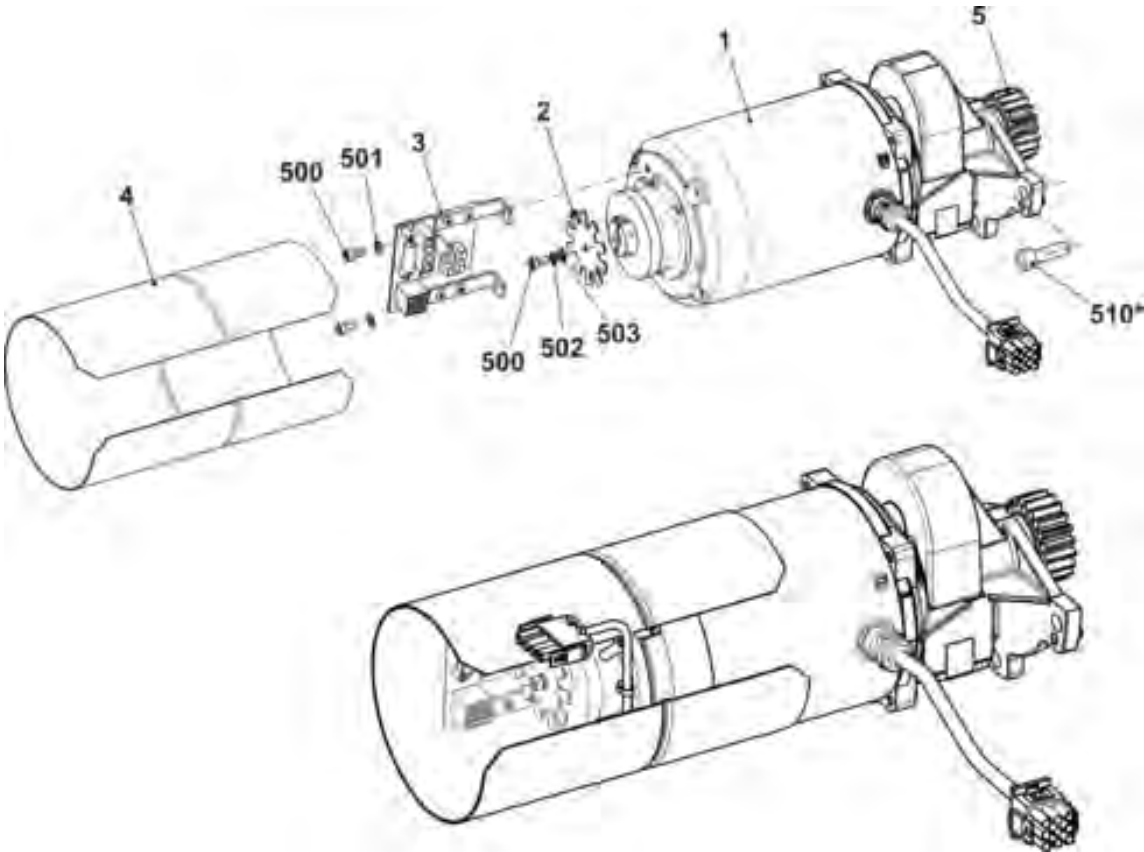
6.4.3.2 Pressure angle rail

Pos	Designation	ID		Pos	Designation	ID
Σ	Angle rail complete	242 316		500	Washer6	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	242 277		503	Cap screwM2x12	023 522
4	Winding plate	237 195		504	Washer2-200	022 908
5	Locking ring	242 325		505	Shoulder screw M5x20x5	023 675



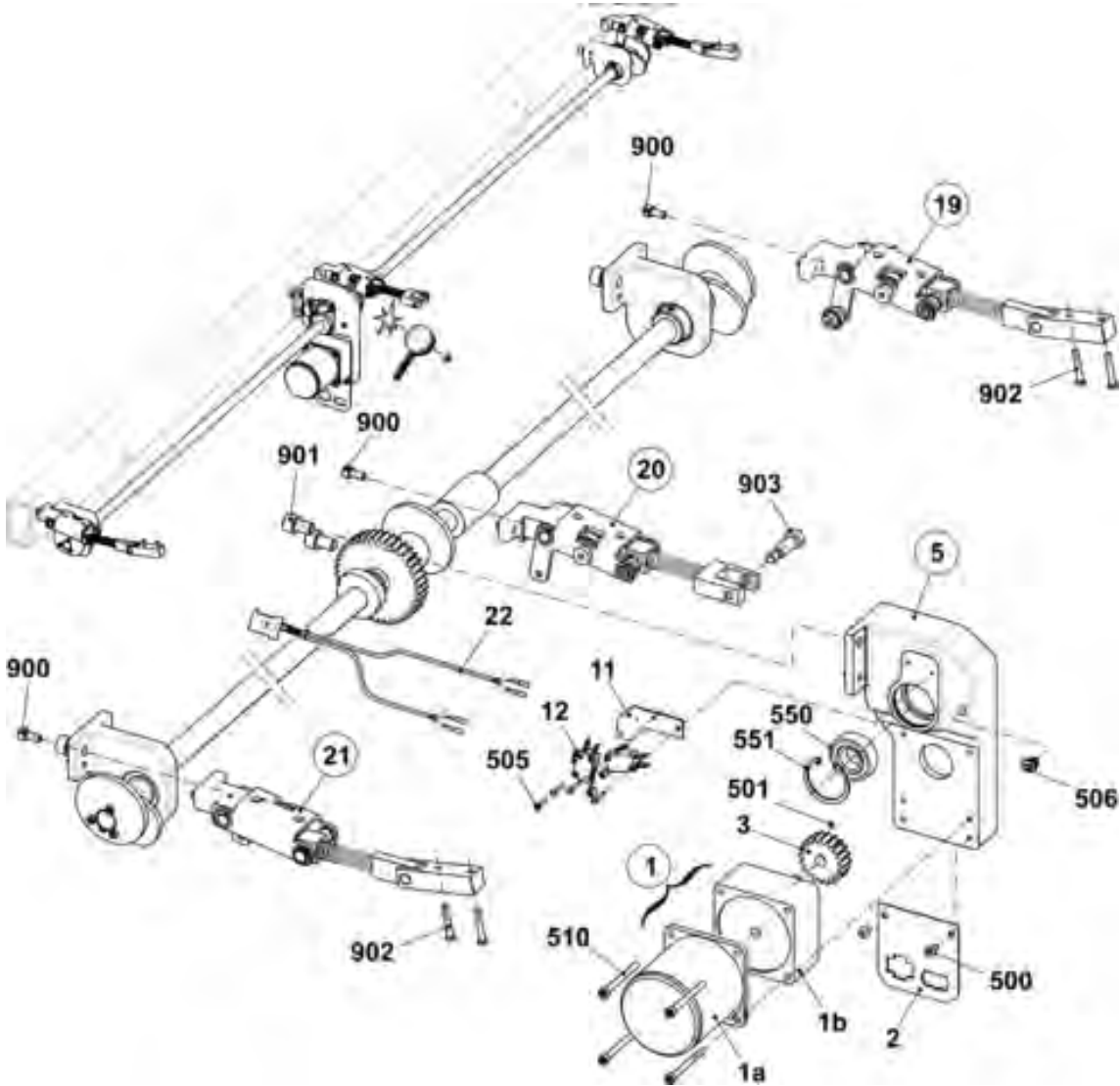
6.4.4 Impulse sensor and motor

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



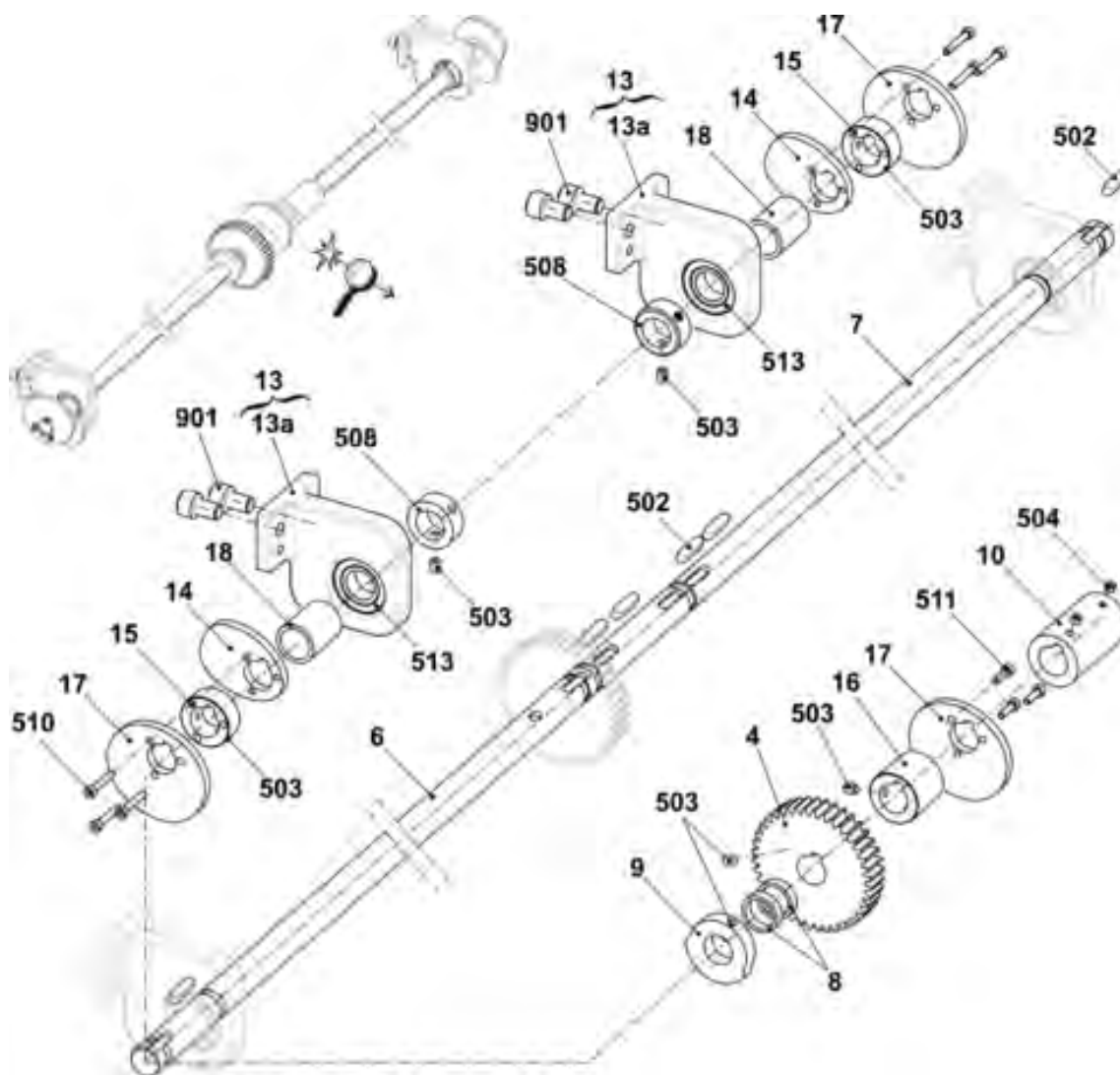
6.5 Take-down closing device

Pos	Designation		ID		Pos	Designation		ID
Σ	Main take-down on/off complete		253 387		19	Swivel support on the right complete		
1	Motor complete				20	Swivel holder on the left complete		
	1a	Motor 25W	232 456		21	Swivel holder in the middle complete		
	1b	Gear	234 983		22	Cable switch HAAB open		232 442
	510	Cap screwM5x55	023 321		500	Cap screwM5x8		023 319
2	Sheet metal		232 992		501	SetscrewM4x4		022 875
3	Gear wheel		232 434		505	Cap screwM3x15		020 009
5	Support in the middle complete				506	Assembling element		209 543
	550	Grooved ball bearing 6004-2Z	022 720		900	Cap screwM6x14		022 658
	551	Locking ring42x1,75	023 293		901	Cap screwM10x16		023 895
11	Limit switch retaining plate		235 190		902	Screw M50x30		253 257
12	Microswitch XGK2-S21 250 VAC		210 510		903	Cap screwM10x25		023 751



6.5.1 Continuation of take-down closing device

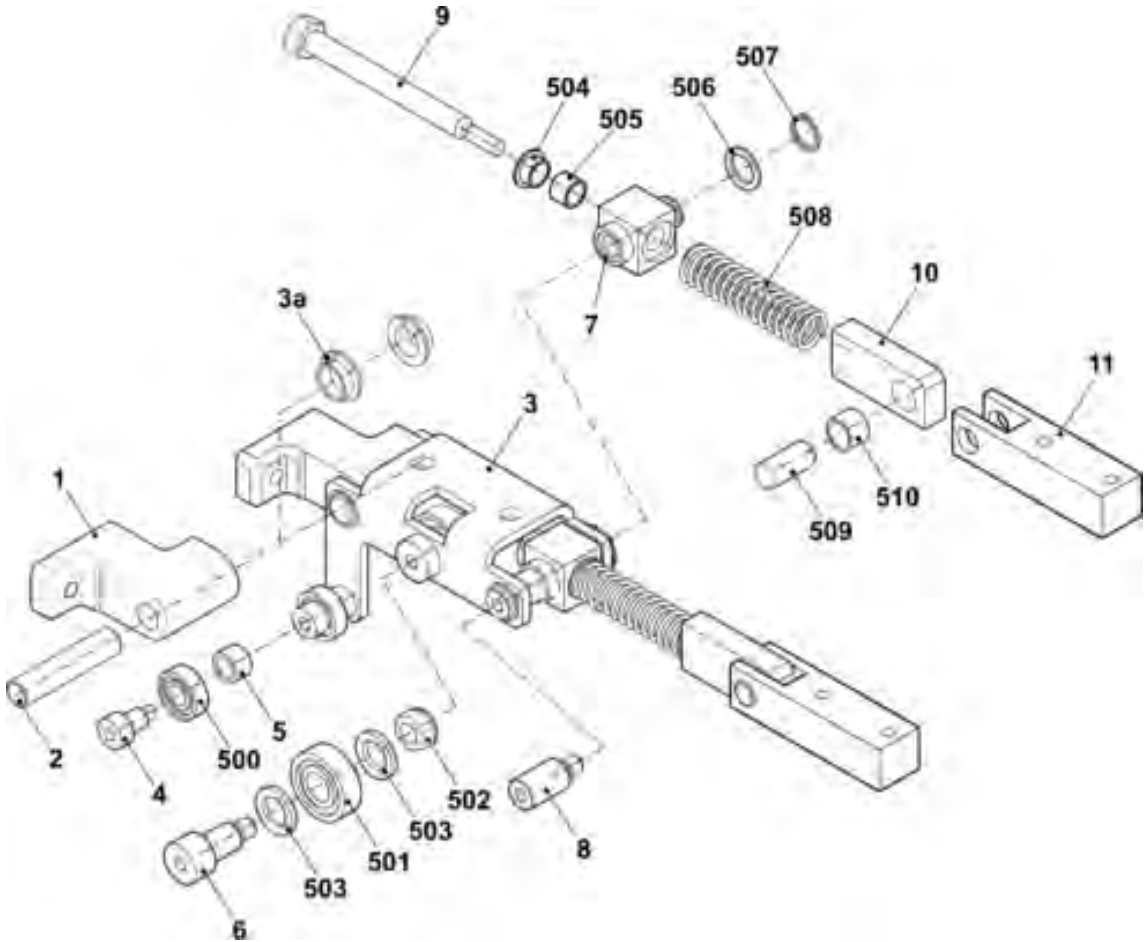
Pos	Designation		ID		Pos	Designation	ID
Σ	Main take-down on/off complete		253 387		15	Guide bush	234 876
4	Gear wheel		213 744		16	Guide bush	235 623
6	Shaft		237 180		17	Eccentric	232 382
7	Wave		237 181		18	Spacer pipe	235 128
8	Threaded spacer		232 385		502	Feather key A 6x6x25	023 017
9	Trip cam		232 383		503	SetscrewM6x8	023 723
10	Coupling		232 604		504	SetscrewM6x5	023 192
13	Support on the outside complete		235 248		508	Set collarA20	020 938
	13a	Support	234 780		510	Cap screw M4x25	023 302
	513	Grooved ball bearing 6004-2Z	022 720		511	Cap screw M4x14	023 604
14	Eccentric		235 135		901	Cap screw M10x16	023 895



6.5 Take-down closing device

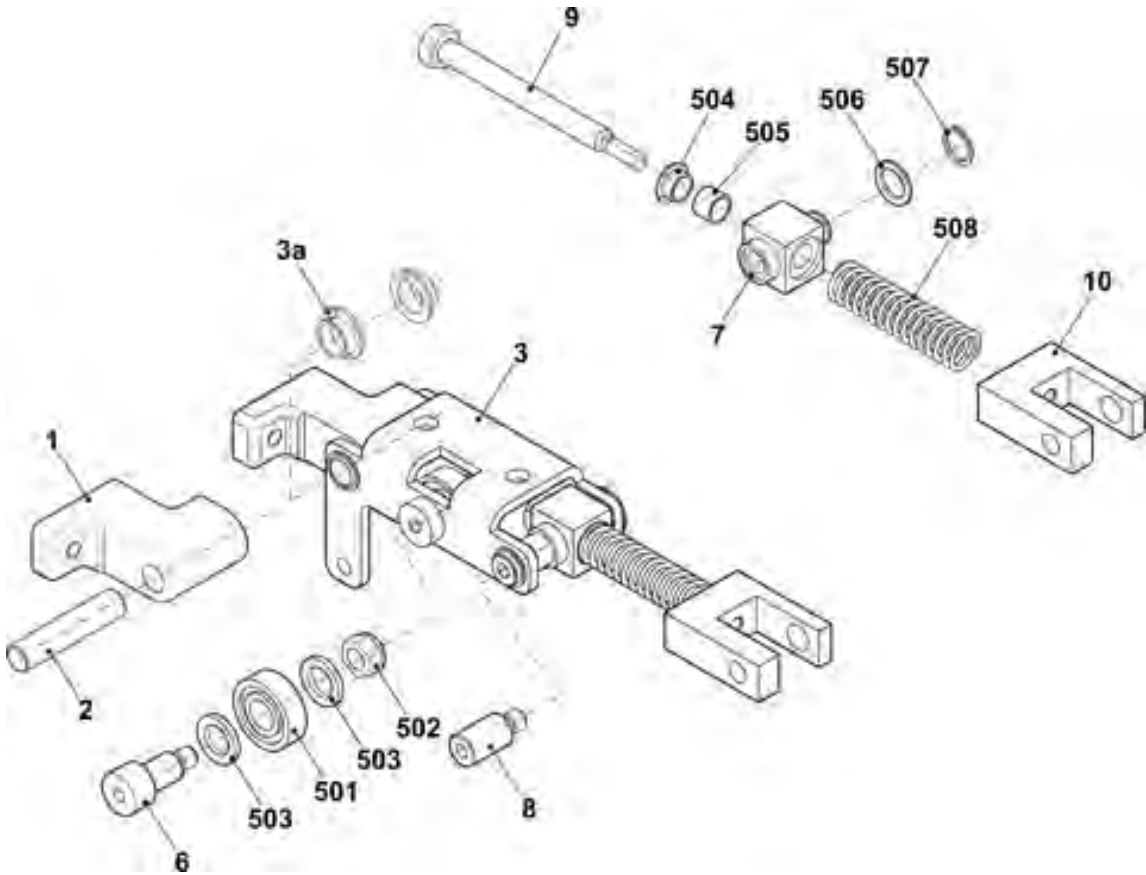
6.5.1.1 Right swivel support

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel support on the right complete		11	Lever	253 199
1	Support	239 163	500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Grooved ball bearing 6000-2Z	022 599
3	Bow	238 974	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Shim ring 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Locking ring12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2,5x12,5x67,5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178



6.5.1.2 Swivel holder in the middle

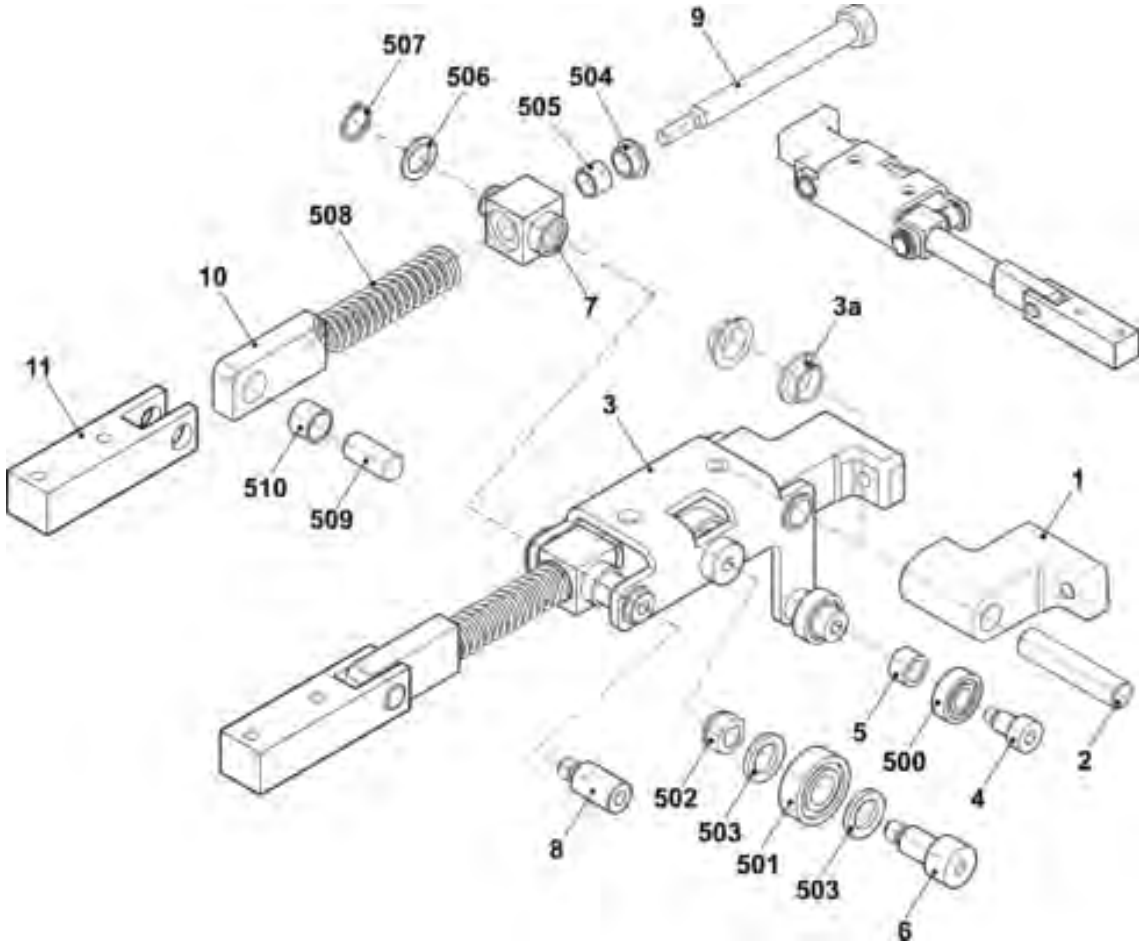
Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel holder in the middle complete		10	Angle	238 778
1	Support	239 163	501	Grooved ball bearing 6000-2Z	022 599
2	Bearing pin	239 164	502	Hexagon nut M8-8	022 843
3	Bow	238 974	503	Shim ring 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639	504	Slide bearing GFM-081014-06	023 358
6	Shoulder screw	239 132	505	Slide bearing GSM-0810-10	023 896
7	Swivel-mounted bearing	239 100	506	Shim ring 12x18x1	023 315
8	Bearing bolt	239 117	507	Locking ring12x1	020 951
9	Spring mandrel on the inside	232 388	508	Compression spring 2,5x12,5x67,5	023 743



6.5 Take-down closing device

6.5.1.3 Left swivel holder

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel holder on the left complete		11	Lever	253 199
1	Support	239 163	500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Grooved ball bearing 6000-2Z	022 599
3	Bow on the left	239 184	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Shim ring 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Locking ring12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2,5x12,5x67,5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178

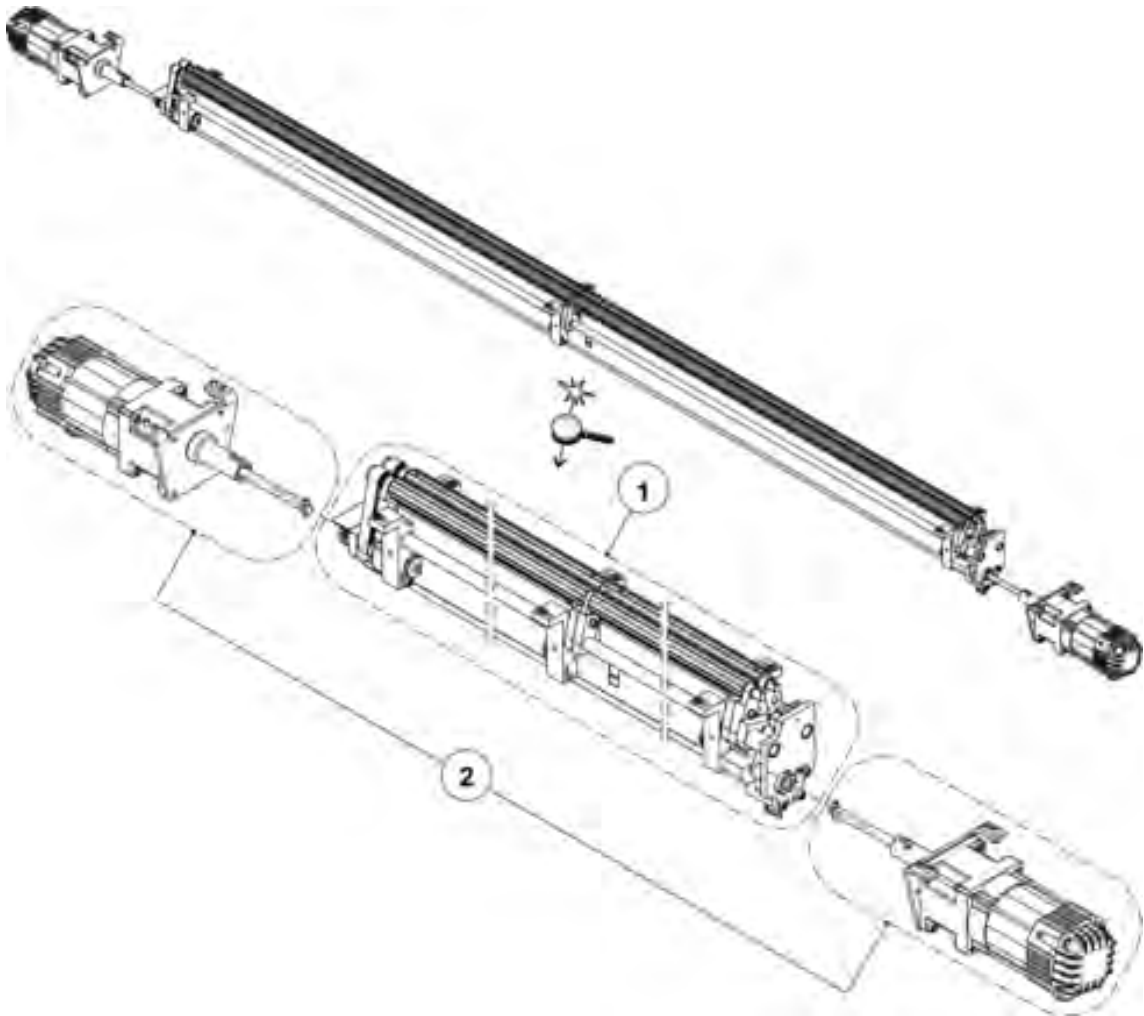


7 Auxiliary take-down



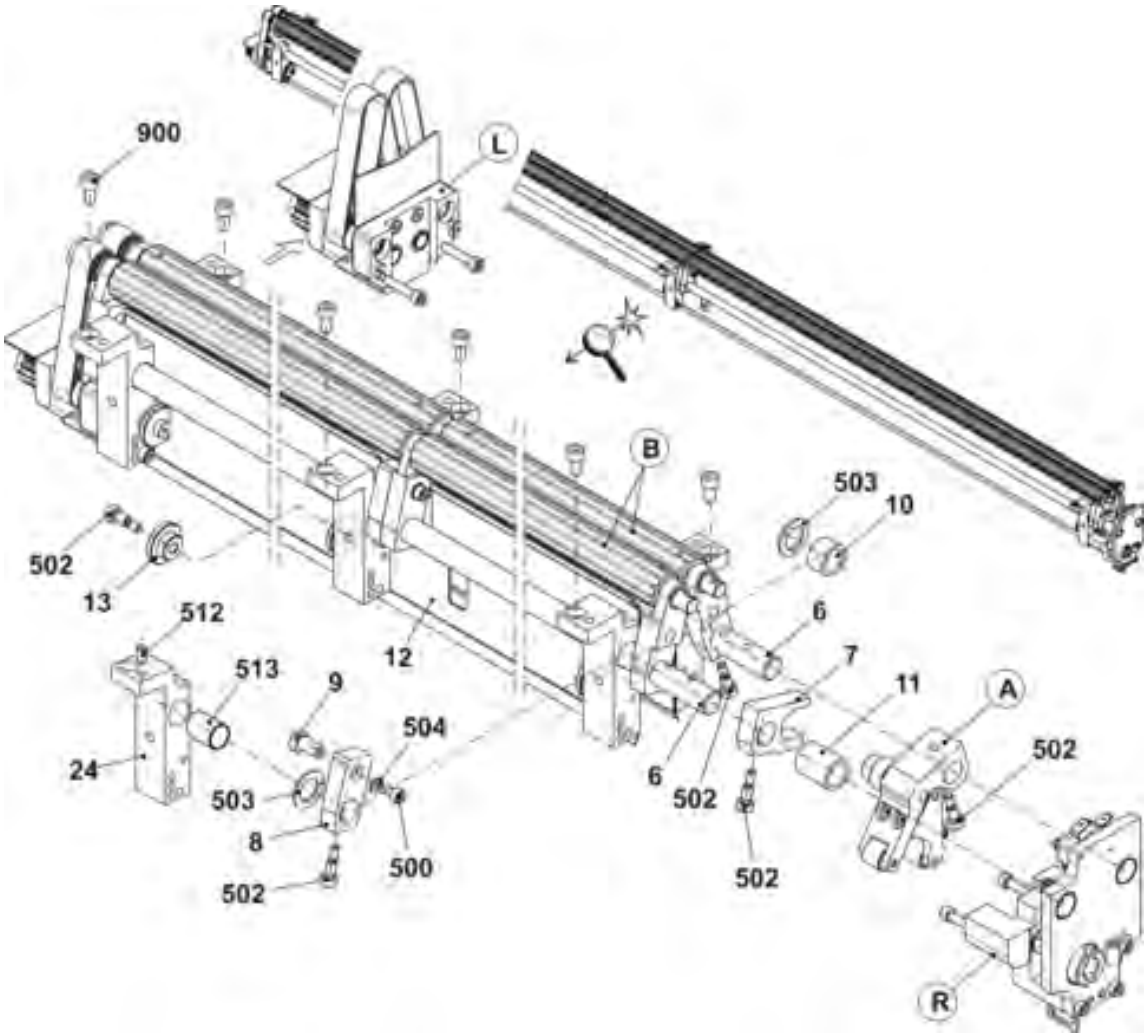
7.1 Auxiliary take-down

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



7.1.1 Auxiliary take-down pre-assembled

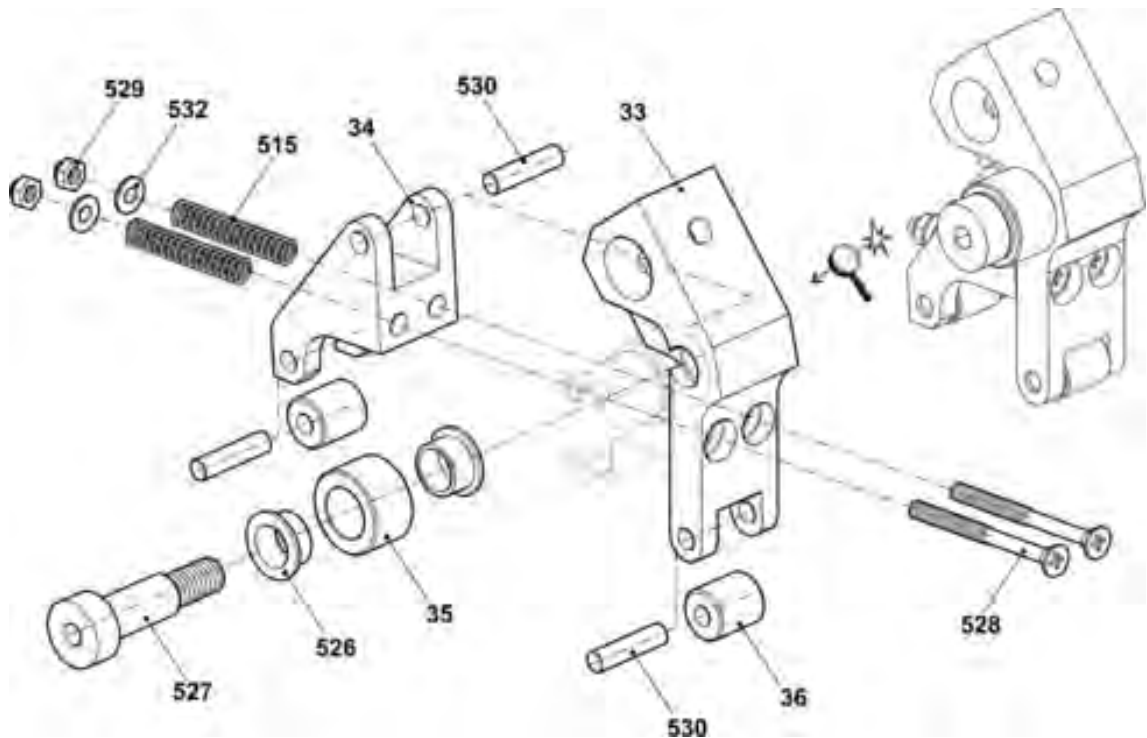
Pos	Designation	Id		Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	254 974				
6	Contact shaft	237 126		B	Take-down roller	237 128
7	Lever	235 164		L	Bearing on the left	236 894
8	Clamping lever	235 156		R	Bearing on the right	235 353
9	Eccentric	236 952		500	Cap screw M5x10	022 918
10	Spacer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



7.1 Auxiliary take-down

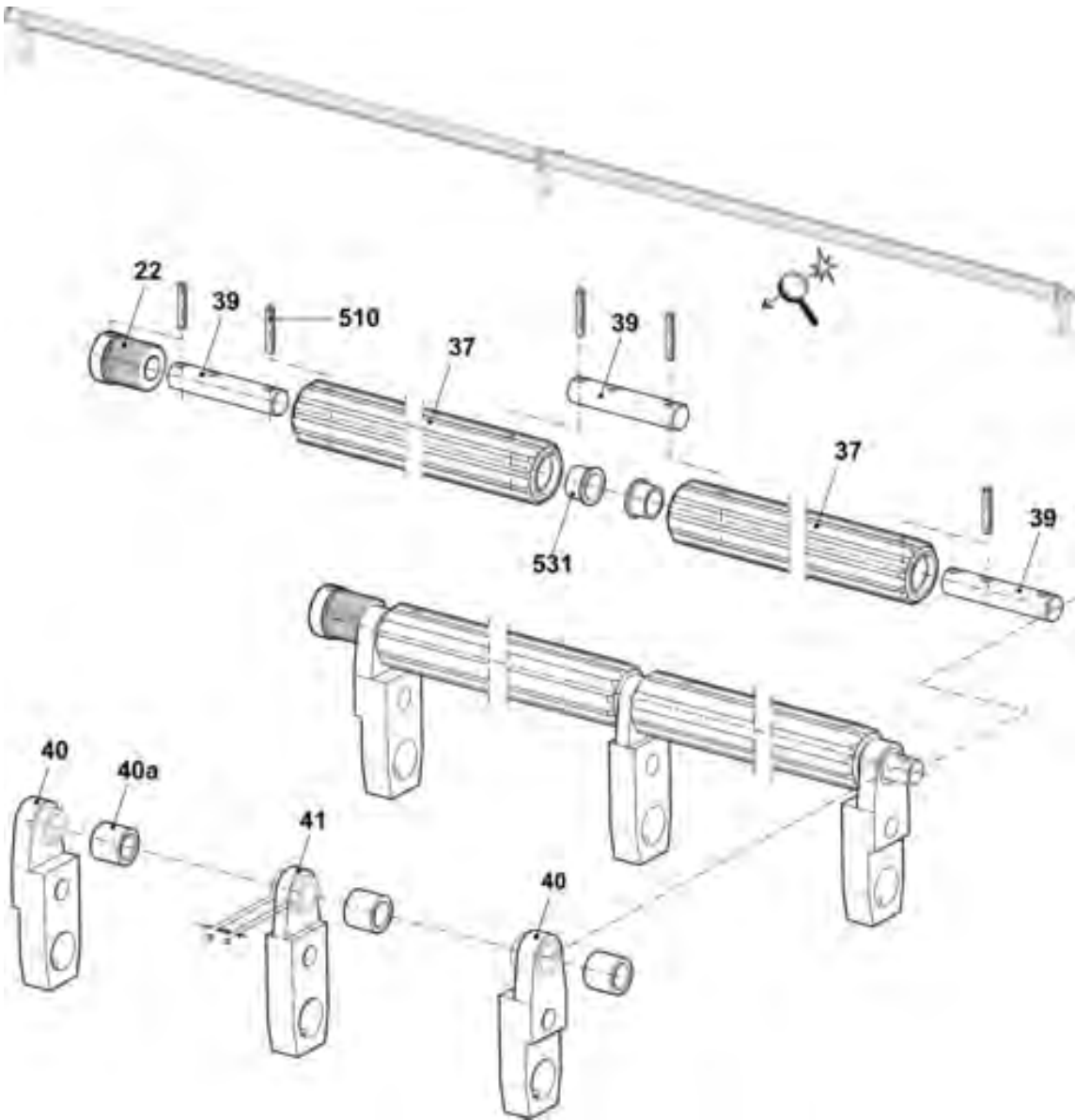
7.1.1.1 Contact lever

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



7.1.1.2 Take-down roller

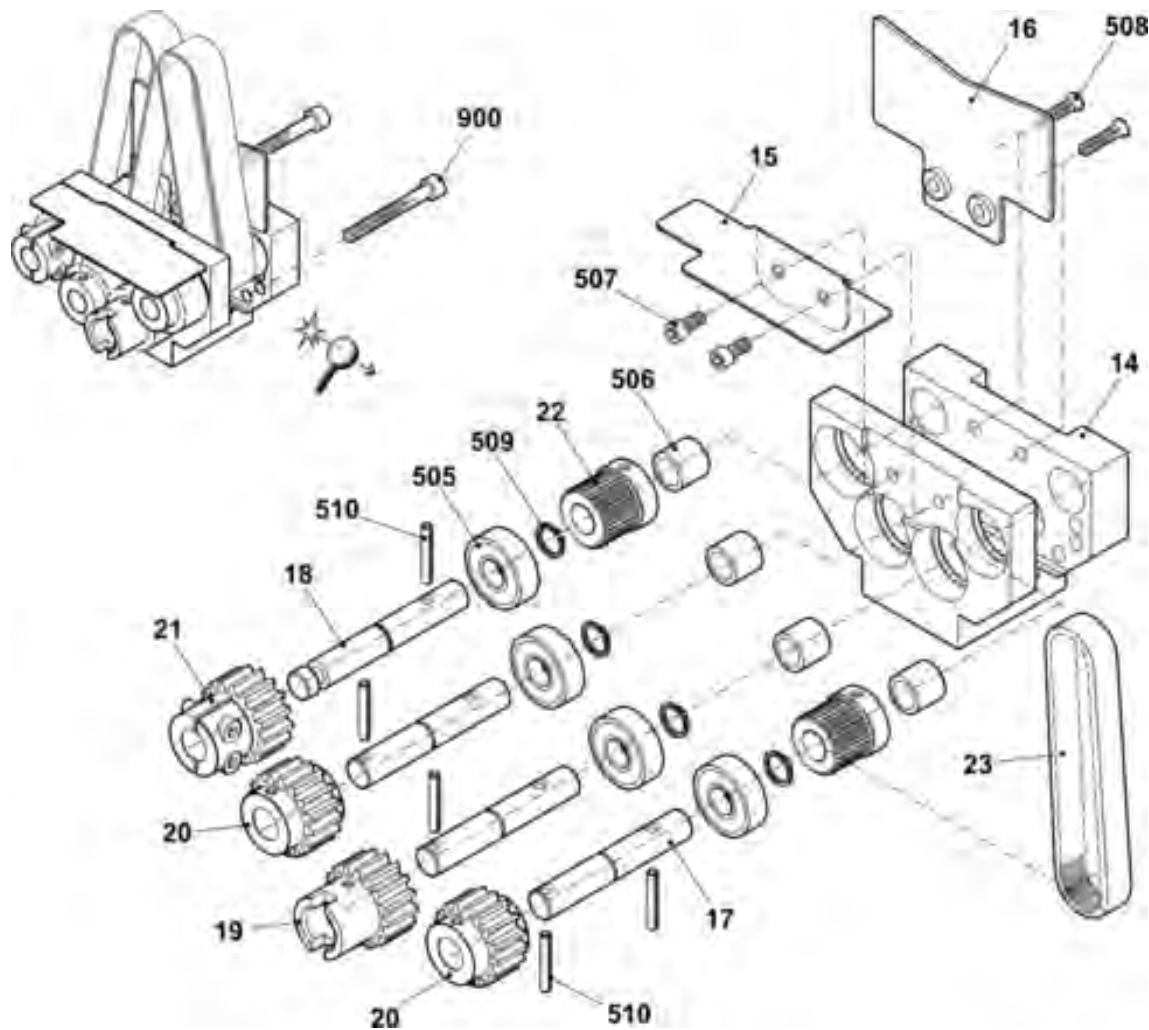
Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller	237 128				
22	Toothed belt pulley	237 043			40a Needle roller bearing 10x14x12	023 665
37	Take-down roller	237 125		41	Lever bearing in the middle complete	235 359
39	Bolts	236 973		531	Slide bearing GFM-101214-07	023 627
40	Lever bearing on the right/left complete	235 358		510	Spring dowel sleeve 3x18	237 059



7.1 Auxiliary take-down

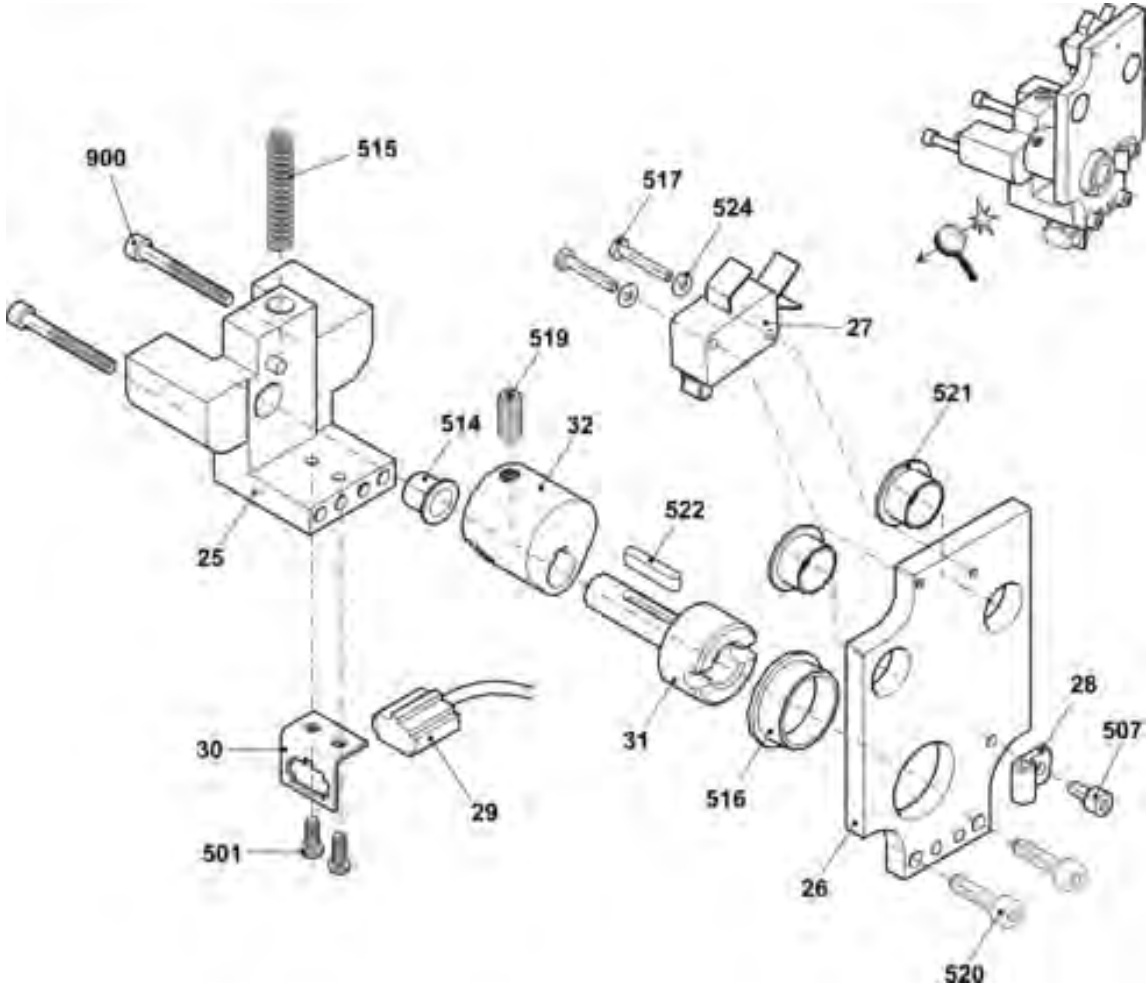
7.1.1.3 Left bearing of the auxiliary take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Bearing on the left	236 894		22	Toothed belt pulley	237 043
14	Drive bearing	237 422		23	Toothed beltHPS5M NG CLEAN	237 118
15	Cover plate	236 970		505	Grooved ball bearing 61900-2RS1	023 714
16	Cover plate	237 037		506	Needle roller bearing 10x14x10	023 664
17	Bolts	236 964		507	Cap screw M4x8	022 501
18	Bolts	236 963		508	Countersunk screw M4x12	023 062
19	Gear wheel	236 914		509	Locking ring10x1	020 950
20	Gear wheel	236 916		510	Spring dowel sleeve 3x18	237 059
21	Gear wheel	236 917		900	Cap screw M5x35	022 879



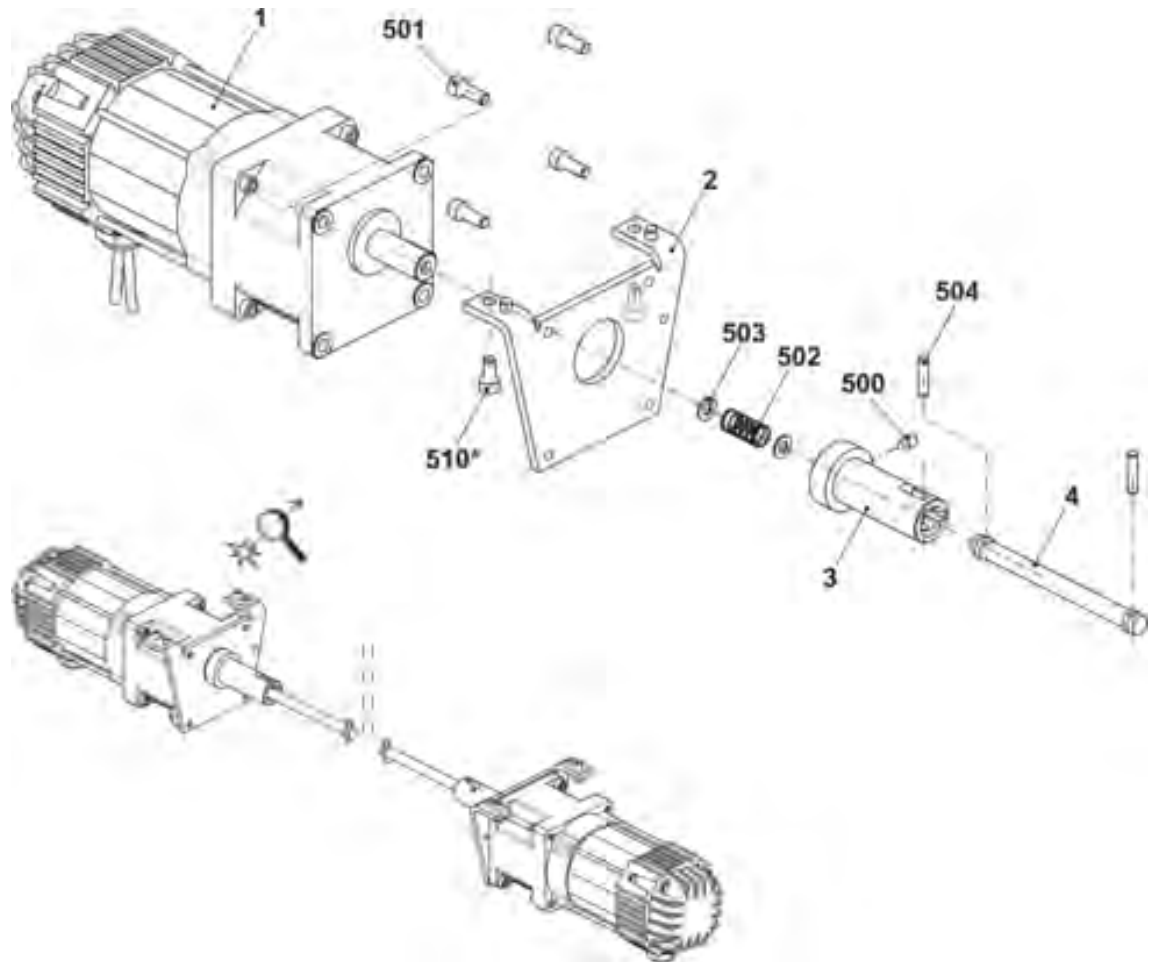
7.1.1.4 Right bearing of the auxiliary take-down

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



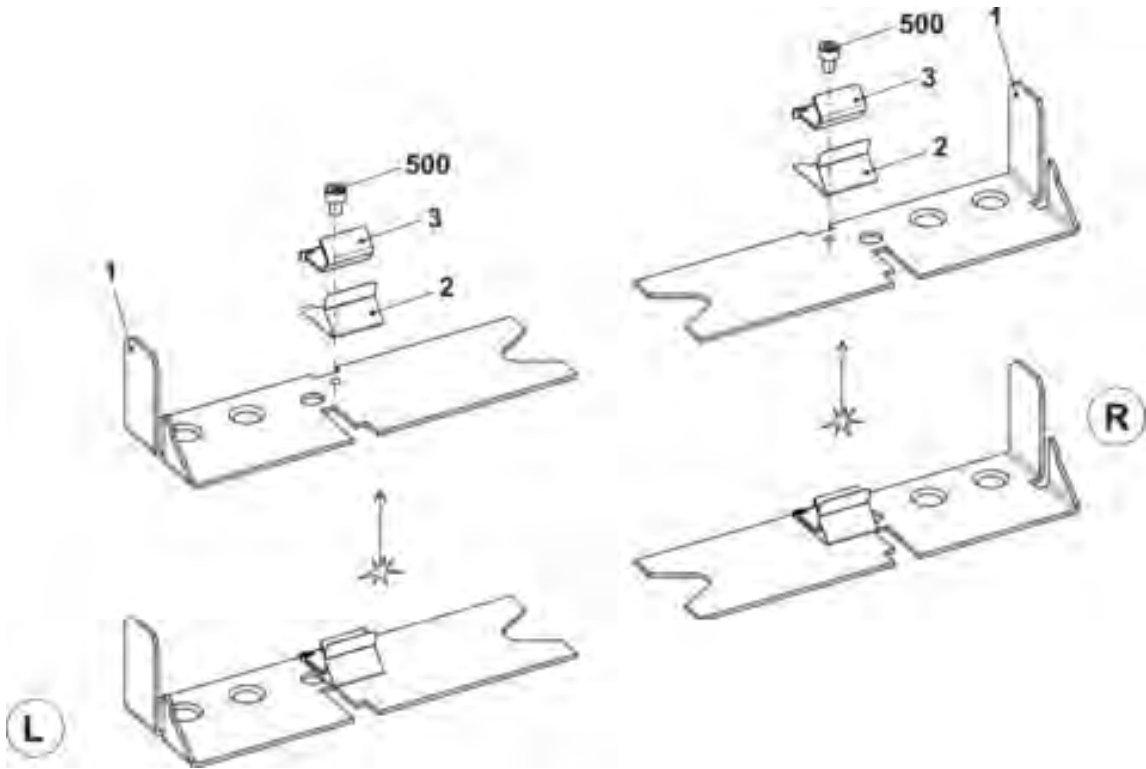
7.1.2 Motor

Pos	Designation	Id		Pos	Designation	Id
Σ	Motor with 2 phases auxiliary take-down complete					
1	Motor 1,8NM 30MIN-1	234 805		511	Setscrew M6x10	023 543
2	Motor bracket	235 276		512	Cap screw M6x16	020 135
3	Drive sleeve	235 285		513	Compression spring 0,63x10,97x40	023 500
4	Wave	235 300		514	Shim ring 6x12x1	023 444
510	Cap screw M6x12	020 134		515	Dowel pin 5x22-A-ST	023 716



7.2 Yarn brake at clamping and cutting bed

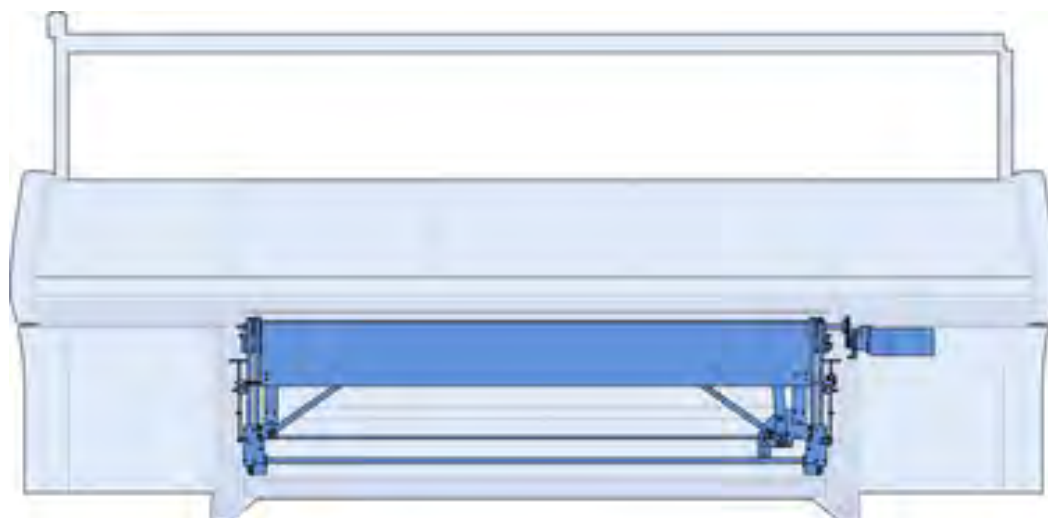
Pos	Designation	Id		Pos	Designation	Id
Σ L	Yarn brake on the left	257 794		Σ R	Yarn brake on the right	257 793
1	Cover on the left	257 792		3	Cover on the right	257 791
2	Leaf spring	256 712		1	Leaf spring	256 712
3	Test clamping plate	256 713		2	Test clamping plate	256 713
500	Cap screwM4x6	023 067		500	Cap screwM4x6	023 067



7.2 Yarn brake at clamping and cutting bed

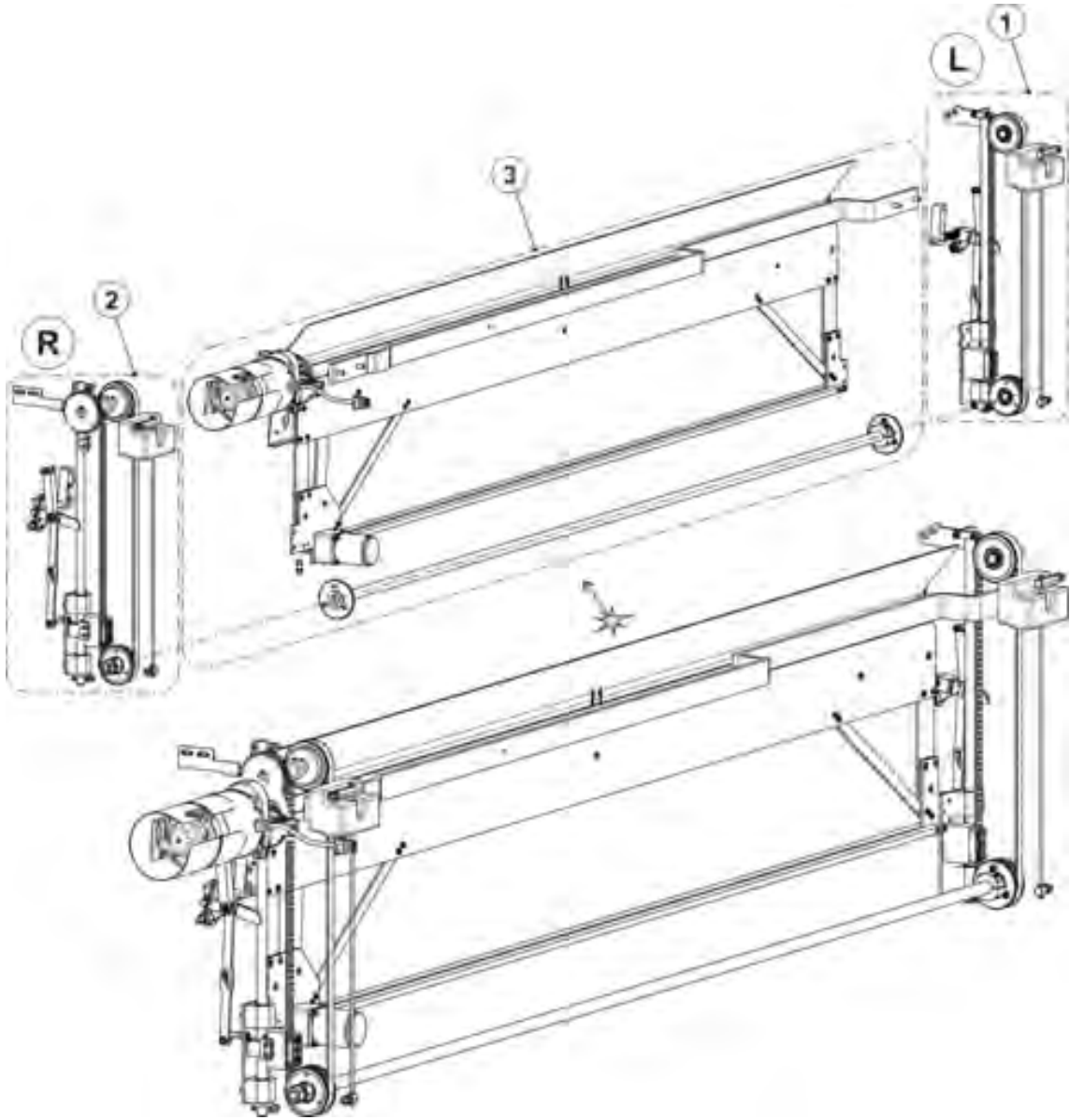
Notes:

8 Comb take-down



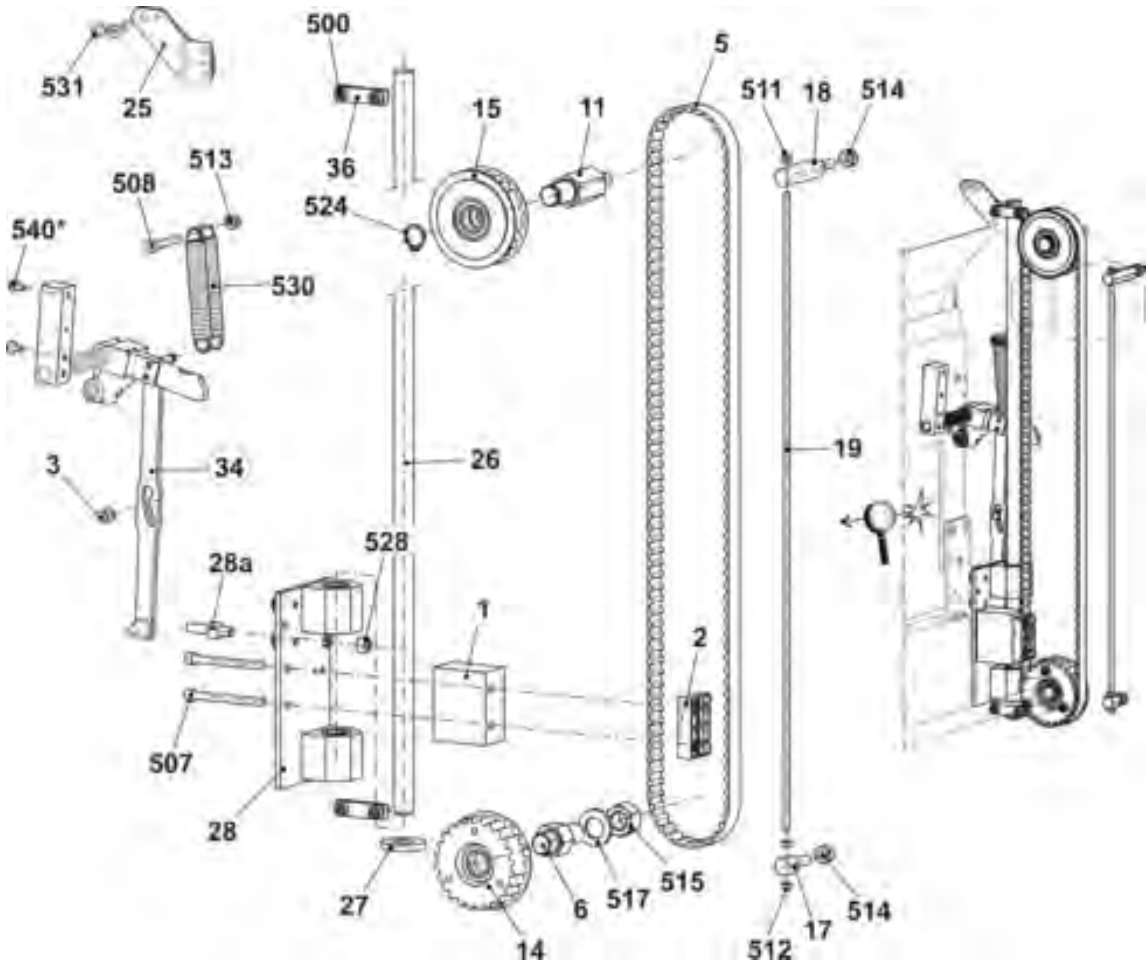
8.1 Comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down			3	Comb take-down in the middle	
1	Comb take-down on the left	255 265			E10	255 271
2	Comb take-down on the right	255 266			E12 E6.2 E6.2(12m.10)	255 248
					E14 E7.2	255 272
					E16 E8.2	255 273
					E18	255 274



8.1.1 Comb take-down on the left

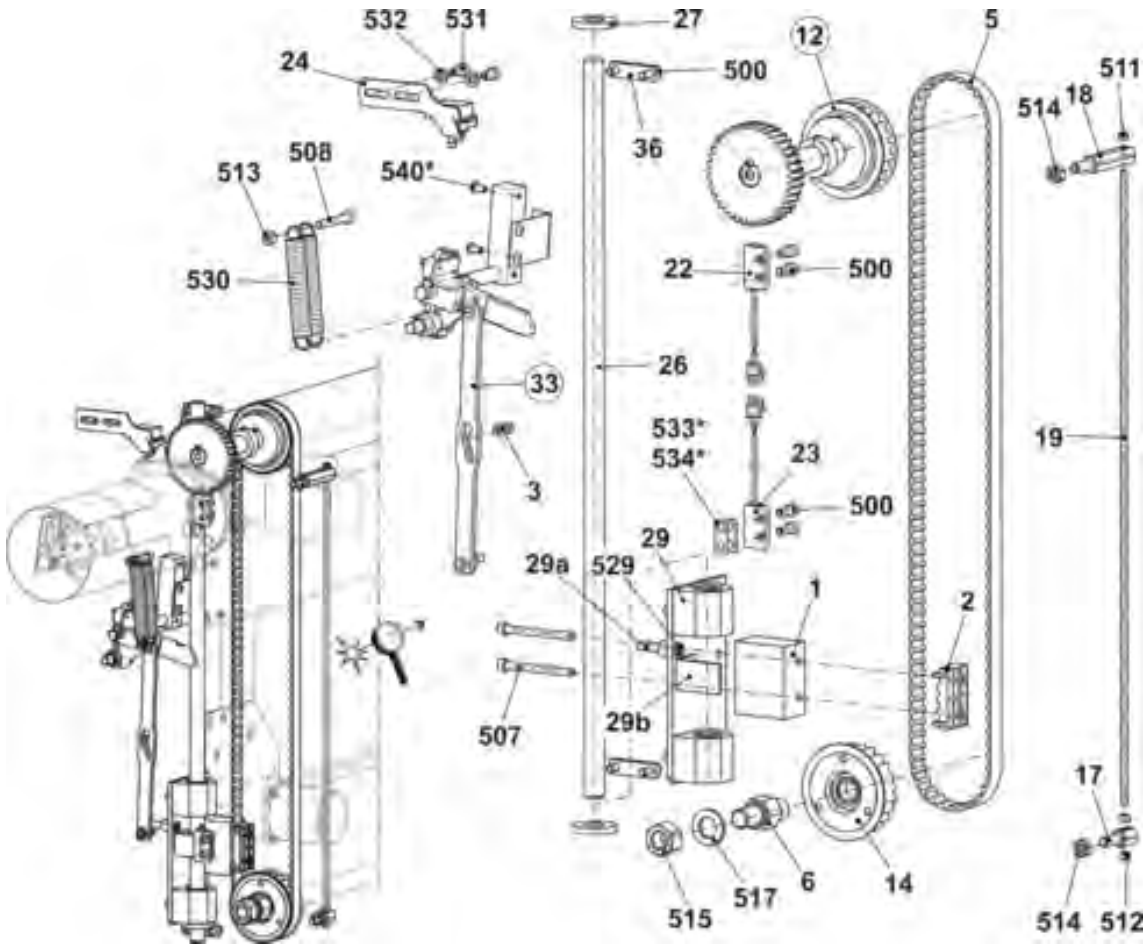
Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the left	261 815			
1	Clamping piece	209 379		528 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
11	Bolts	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	261 374	517	Washer16	020 876
26	Guide bar C35	206 560	524	Retaining ring17x1	023 299
27	Rubber buffer	206 561	530	Tension spring Din2097 15x1,50x70,94	251 614
28	Comb guide on the left	255 425	531	Cap screw M6x12	020 134
28a	Driving bolt	255 427	540*	Pan-head screw M5x10	023 247



8.1 Comb take-down

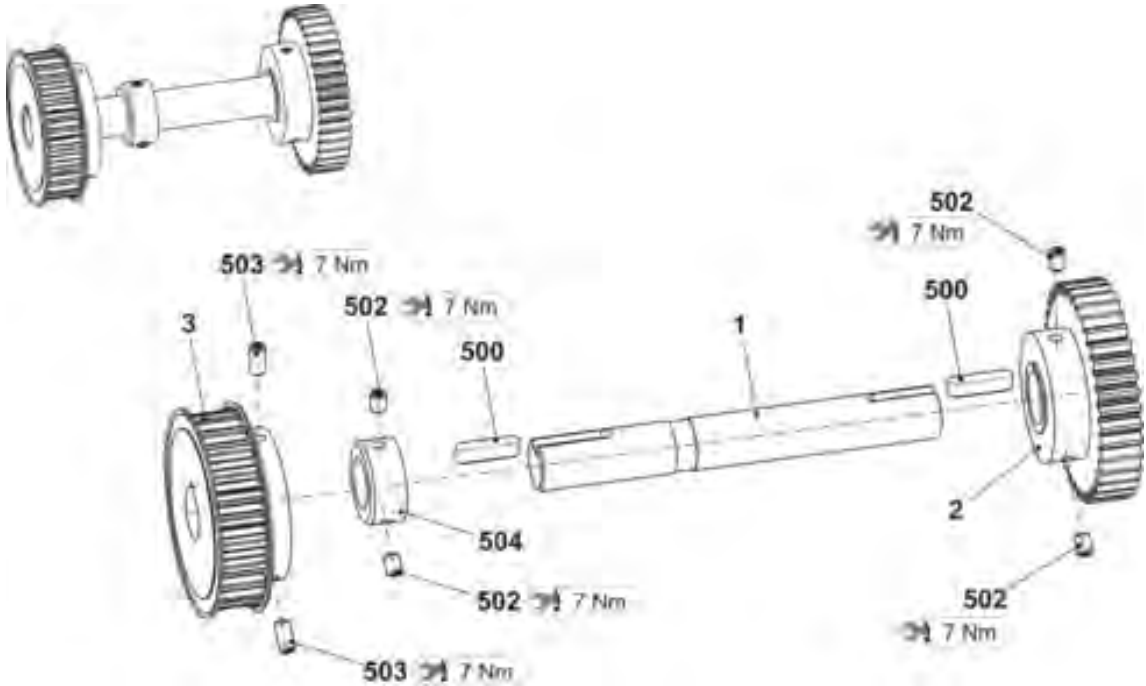
8.1.2 Comb take-down on the right

Pos	Designation		Id		Pos	Designation		Id
Σ	Comb take-down on the right		256 839					
1	Clamping piece		209 379			529	Hexagon nut M8-6	020 838
2	Pressure plate		241 967		33	Swivel lever on the right		252 858
3	Bolts		222 152		36	Clamping plate		227 159
5	Toothed belt16T10/1300		240 065		500	Cap screwM6x16		020 135
6	Eccentric pin		222 320		507	Cap screwM6x65		240 162
12	Drive shaft comb complete		214 583		508	Cap screwM6x45		022 689
14	Toothed lock washer at the bottom complete		211 822		511	Hexagon nut M5-8		023 541
17	Stay bolt		222 315		512	Hexagon nut M5-6		020 835
18	Stay bolt		240 056		513	Hexagon nut M6-6		020 836
19	Threaded rod M5		240 057		514	Hexagon nut M8-6		020 838
22	Proximity switch inductive at the top		231 516		515	Hexagon nut M16-6		020 845
23	Proximity switch inductive at the bottom		231 520		517	Washer16		020 876
24	Holding angle light barrier		257 409		530	Tension spring 15x1,50x70,94		251 614
26	Guide bar C35		206 560		531	Cap screwM6x12		020 134
27	Rubber buffer		206 561		532	Washer6		020 872
29	Comb guide on the right		255 424		533*	Shim 0,2x12x27		023 735
	29a	Driving bolt	255 427		534*	Shim 0,5x12x27		023 736
	29b	Angle	240 112		540*	Pan-head screwM5x10		023 247



8.1.2.1 Drive shaft of comb

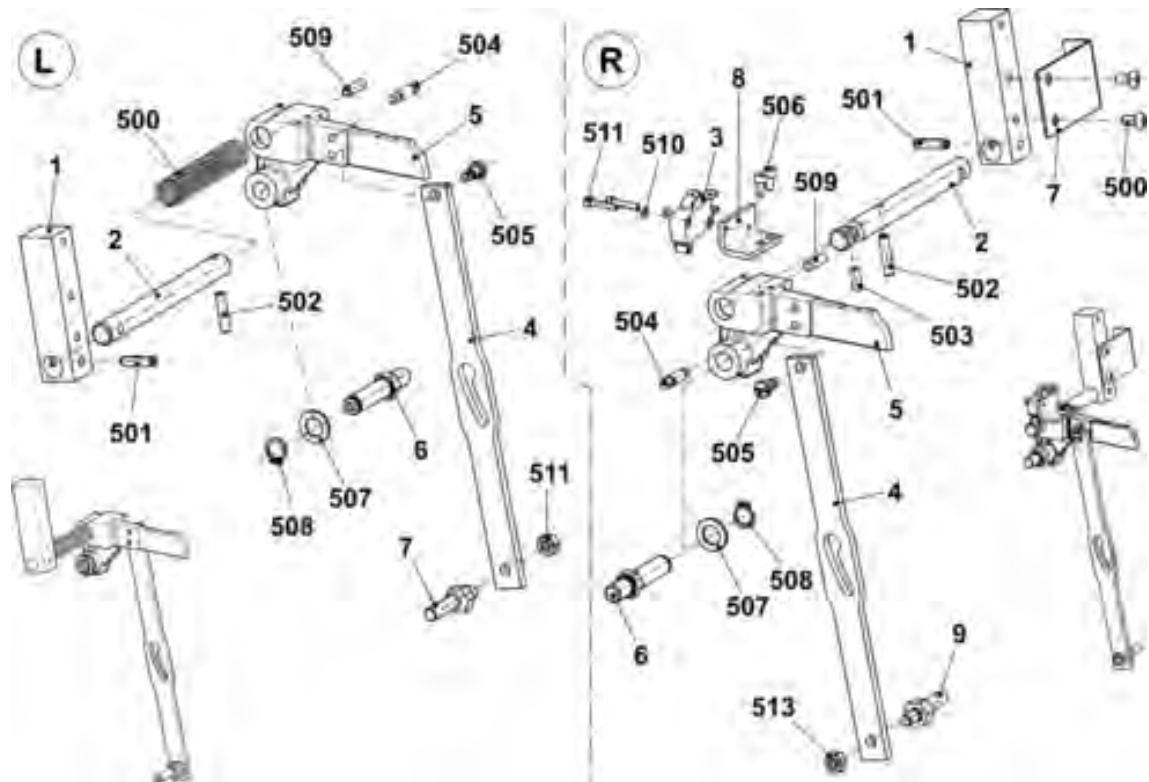
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Shaft	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394		504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



8.1 Comb take-down

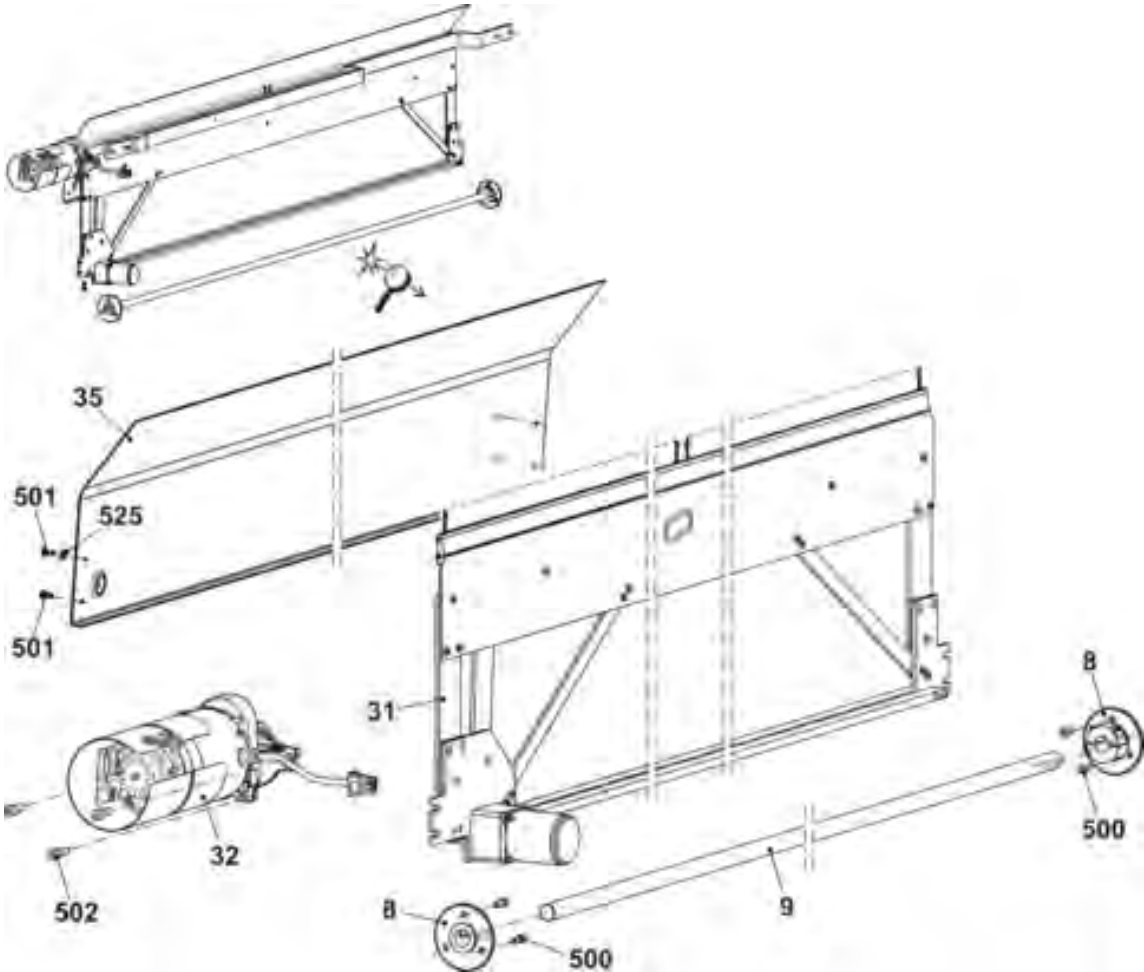
8.1.2.2 Swivel lever comb take-down

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

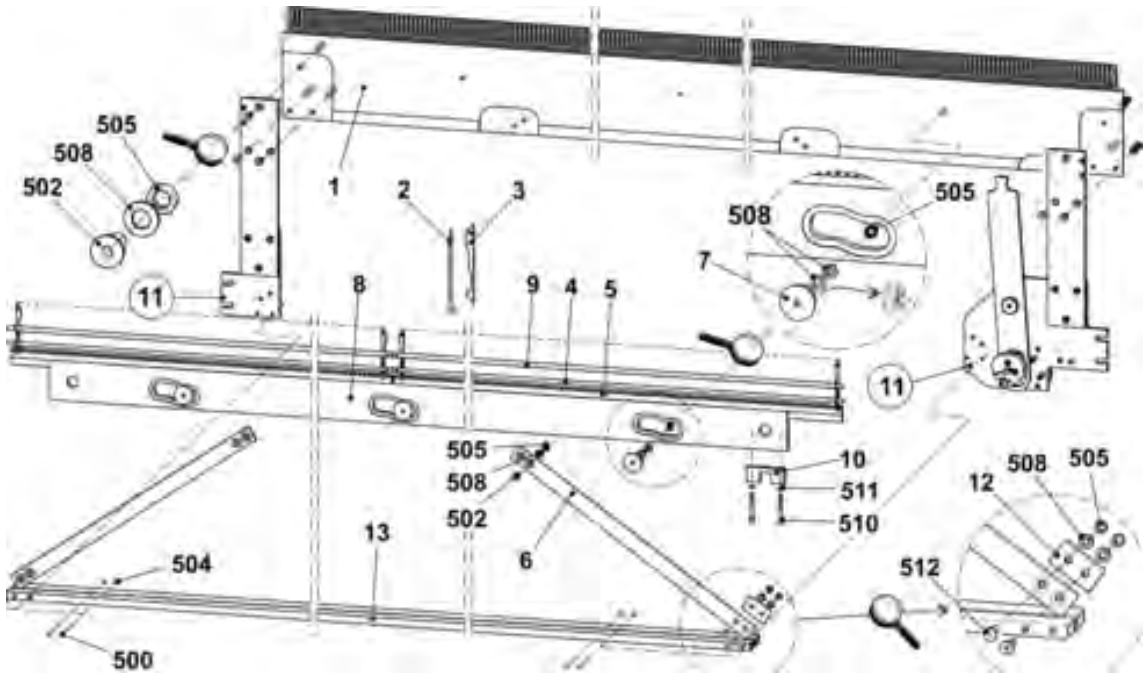
Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down in the middle			31	Comb unit	
	E10	255 271			E10	242 259
	E12 E6.2(12m.10) E6.2	255 248			E12 E6.2(12m.10) E6.2	242 260
	E14 E7.2	255 272			E14 E7.2	242 261
	E16 E8.2 mg	255 273			E16 E8.2 mg	242 262
	E18	255 274			E18	242 263
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	236 875		35	Marking plate open	252 830
500	Cap screw M6x16	020 135		502	Cap screw M8x25	020 142
501	Pan-head screw M5x10	023 247		525	Serrated lock washer J5,3	022 489



8.1 Comb take-down

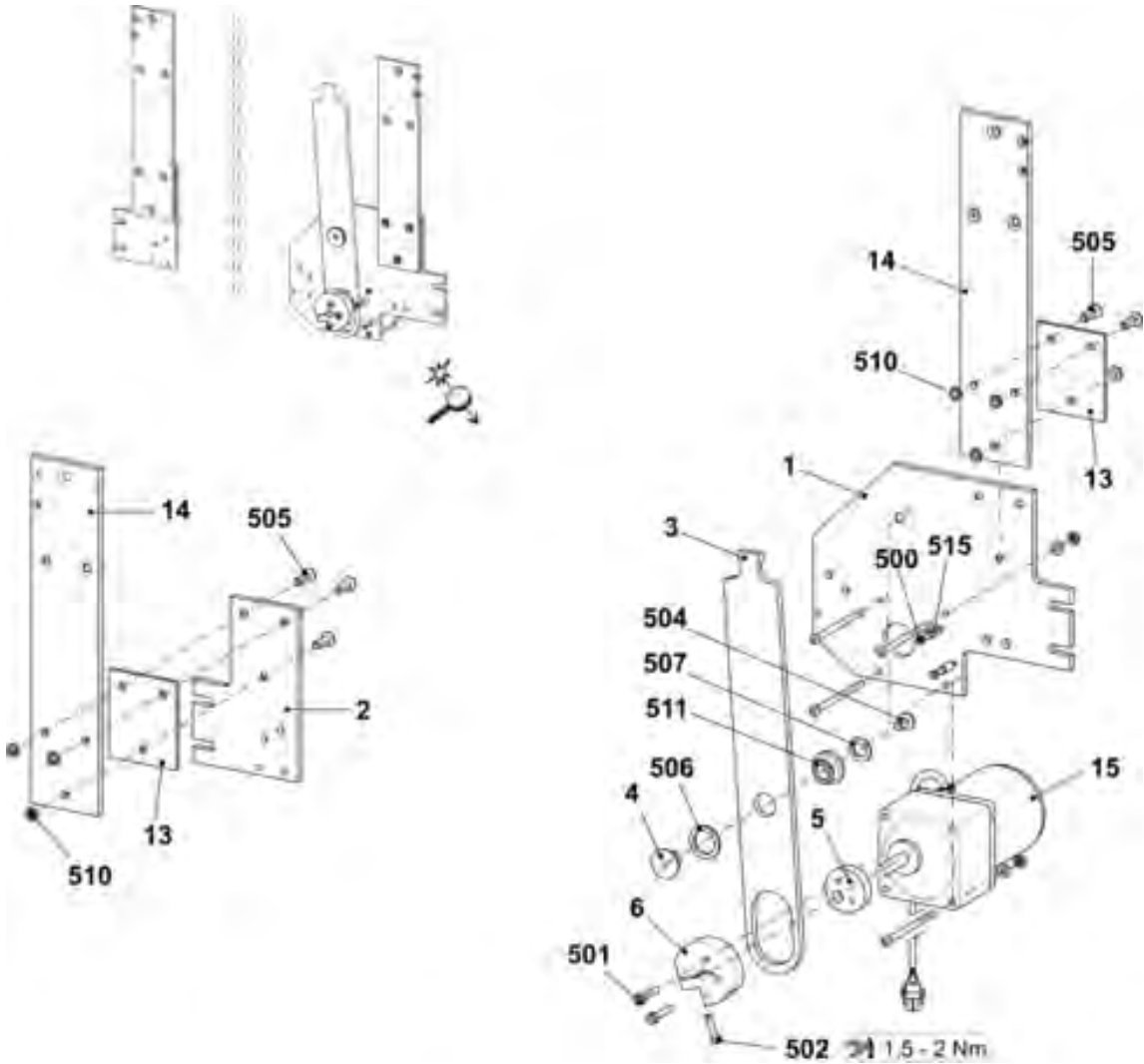
8.1.3.1 Comb unit

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



8.1.3.1.1 Switching lever comb take-down

Pos	Designation	ID		Pos	Designation	ID
Σ	Switching lever complete	240 060		500	Cap 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



Notes:

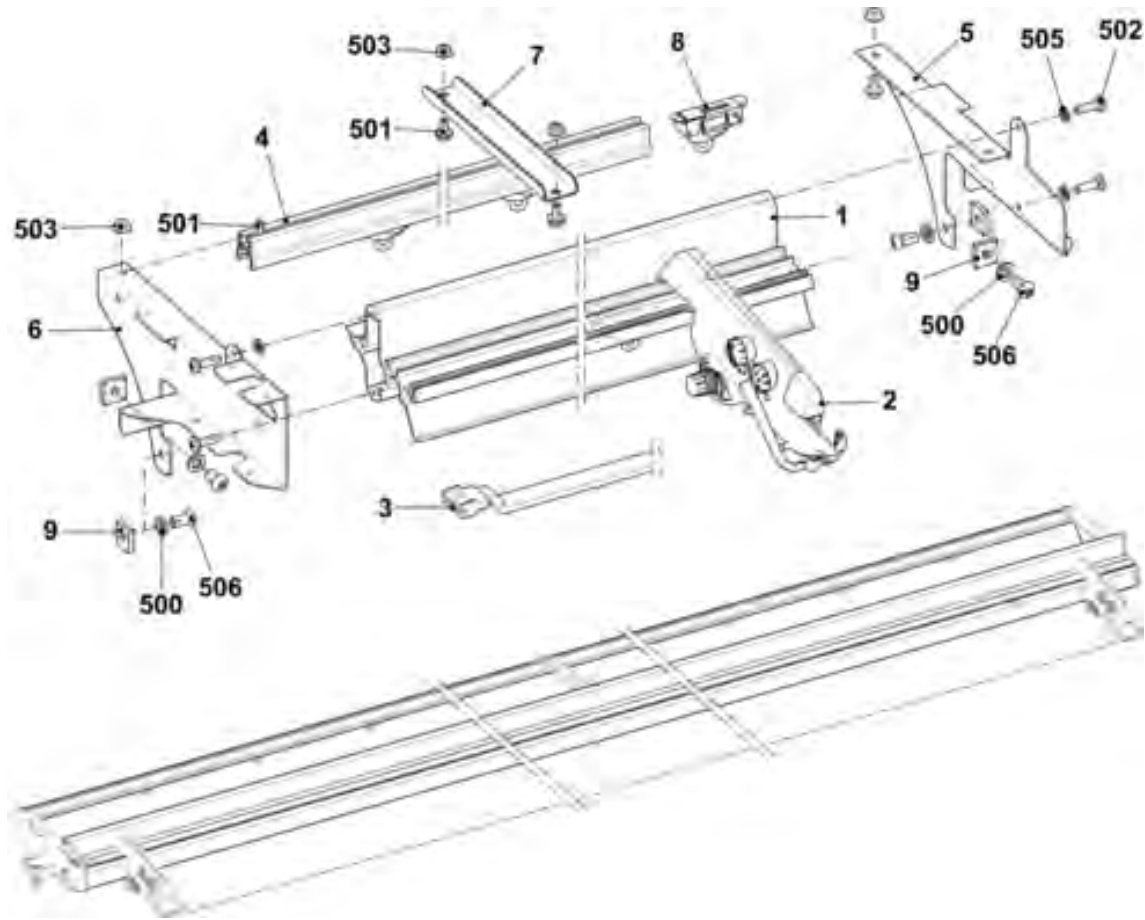
9 Yarn delivery device



9.1 Yarn guide system from 20 up to 26 FKE

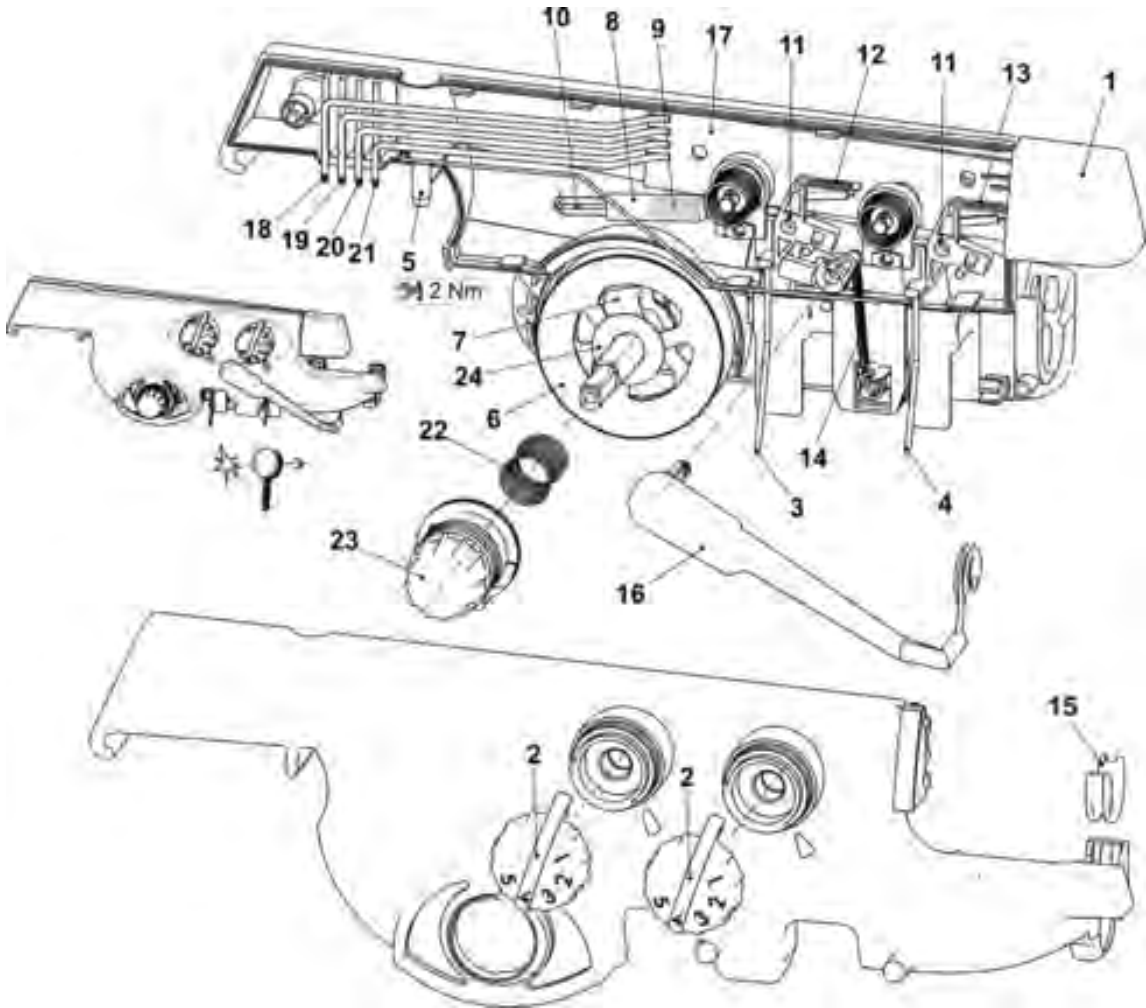
9.1 Yarn guide system from 20 up to 26 FKE

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn guide system 20 FKE 84"	240 685				
	Yarn guide system 26 FKE 84"	242 269		8	Yarn guide bracket complete	241 581
1	Support 84"	243 112		9	Slot nut	228 851
2	Yarn control device(FKE)	237 124		500	Serrated lock washer	023 388
3	Connection cable FKE-3 84"	240 349		501	Self-locking screw M6x12	023 415
4	Yarn guide bar	236 932		502	Screw M6x20	023 721
5	Support on the right	243 601		503	Serrated nut M6-10	023 414
6	Support on the left	243 600		505	Washer6-200	022 431
7	Support	243 792		506	Pan-head screw M8x16	023 113



9.2 Yarn control device

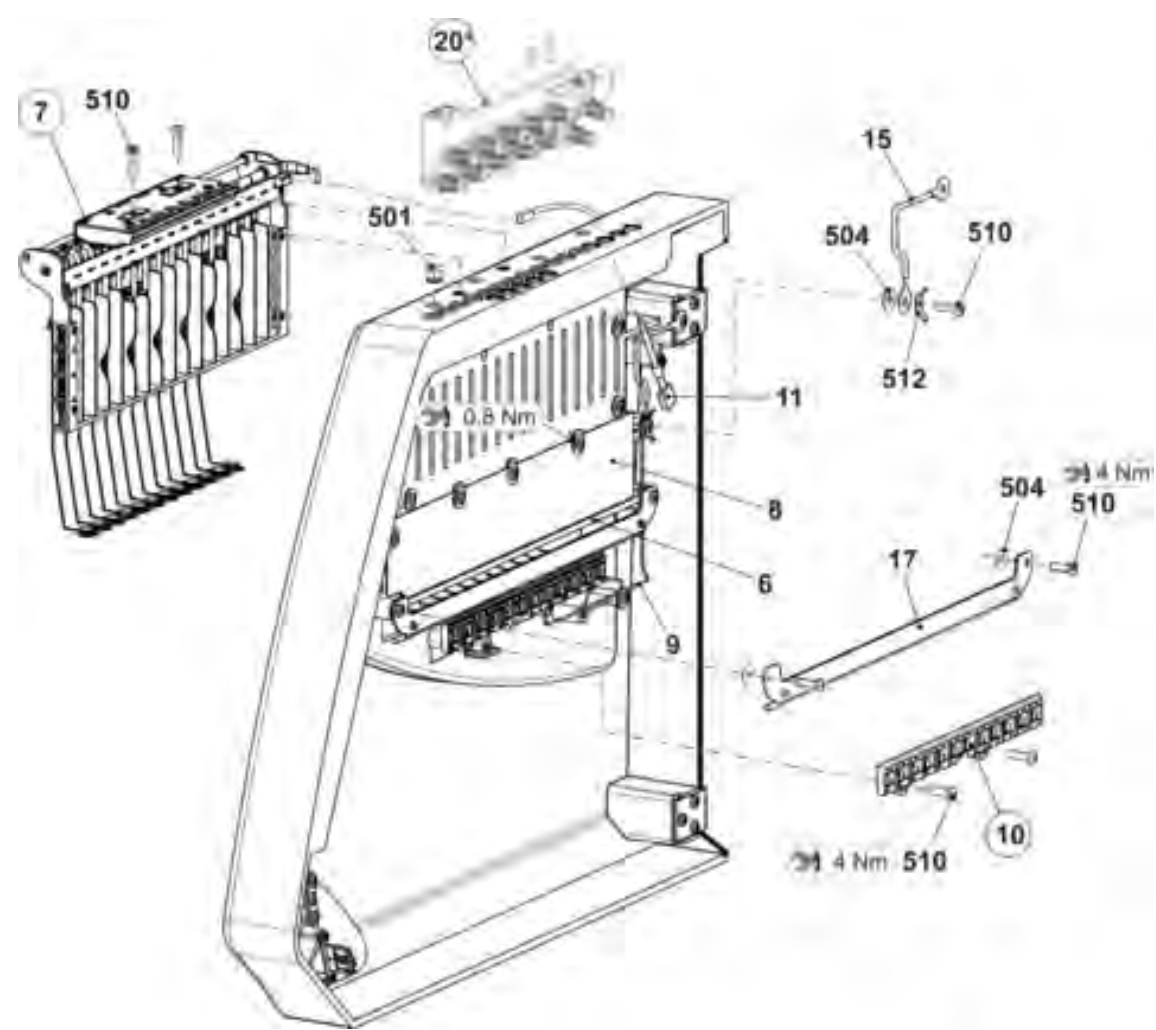
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control device	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw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



9.3 Yarn guide on the left E10-E18

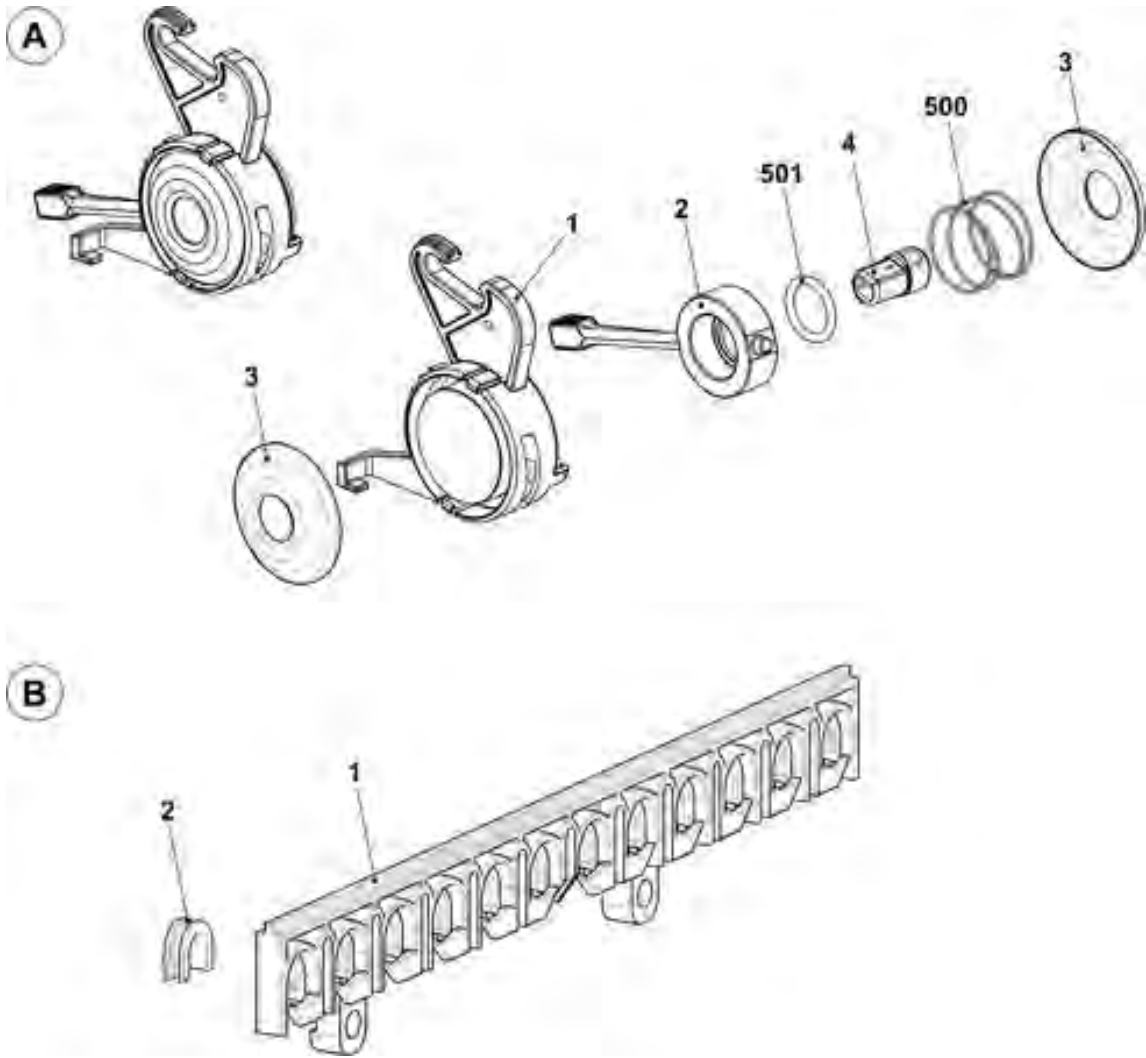
9.3 Yarn guide on the left E10-E18

Pos	Designation	ID		Pos	Designation	ID
Σ	Safety door on the left complete E10-18, E10 E12 E14 E16 E18 E6.2(12m.10) E7.2 E8.2	241 273		15	Ground cable	244 404
6	Wave	241 318		17	Stop bar on the left complete	258 454
7	Yarn tensioner on the left complete E10-18	241 365		20*	Stopping device 12-fold on the left complete	260 342
8	Cover plate 16-fold	259 400		501	Ceramic eyelet	240 640
9	Wire bow on the left	241 370		504	Washer6	022 537
10	Yarn deflector	242 011		510	Screw KB 60x20	237 682
11	Connection cable yarn tensionerokc	240 808		512	Flat connector 2x45° M6	243 117



9.3.1 Yarn brake and yarn deflector

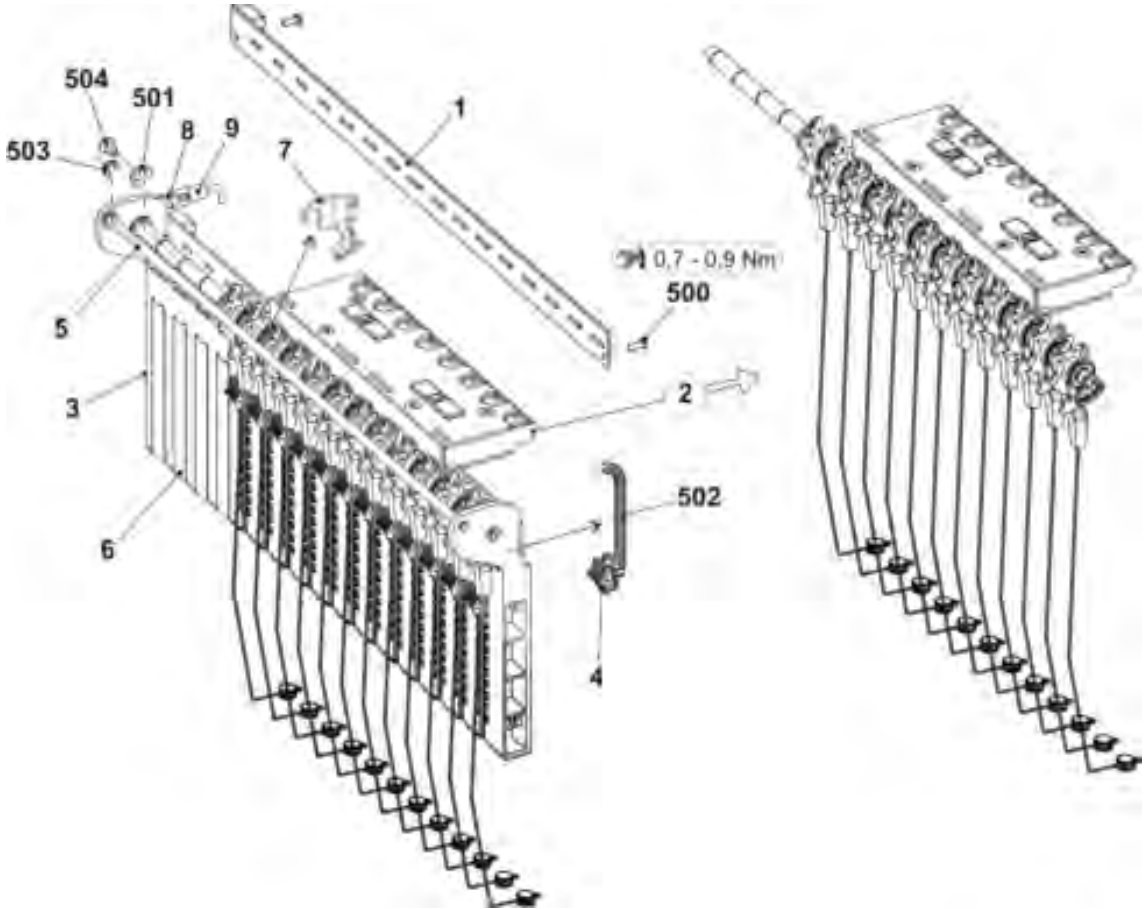
Pos	Designation	ID		Pos	Designation	ID
A	Yarn brake complete	244 347		B	Yarn deflector	242 011
1	Support	240 607		1	Support of yarn deflector	242 009
2	Slider	240 606		2	Ceramic eyelet open	240 733
3	Brake disk	244 355				
4	Ceramic eyelet open	243 778				
500	Compression spring 0,65x20,15x14,80	241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



9.3 Yarn guide on the left E10-E18

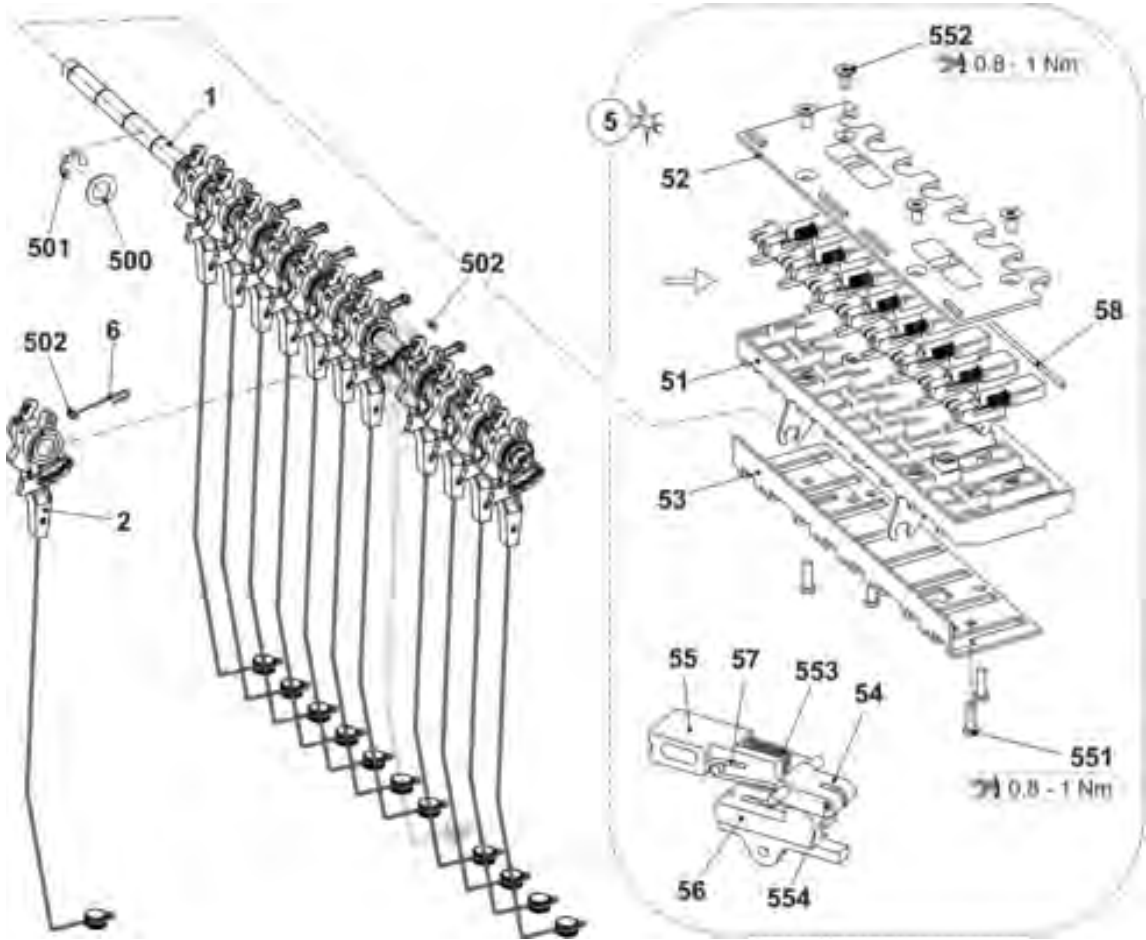
9.3.2 Left yarn tensioner

Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the left complete			6	Border	242 268
	E7-8, (E6.2)	241 364		7	Spacer	242 048
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 365		8	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		9	Ground cable yarn tensioner okc	243 105
2	Tension axle on the left complete			500	Screw KB 30x8	236 228
	E7-8, (E6.2)	241 366		501	Circlip	021 022
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381		502	Tension spring 4,9x0,5x53 (E6.2)	023 503
3	Housing	241 367			Tension spring 4,9x0,45x53 E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	023 504
4	Slider	241 694		503	Circlip	021 020
5	Stop point	241 368		504	Countersunk screw M4x10	241 914



9.3.2.1 Left tension axle

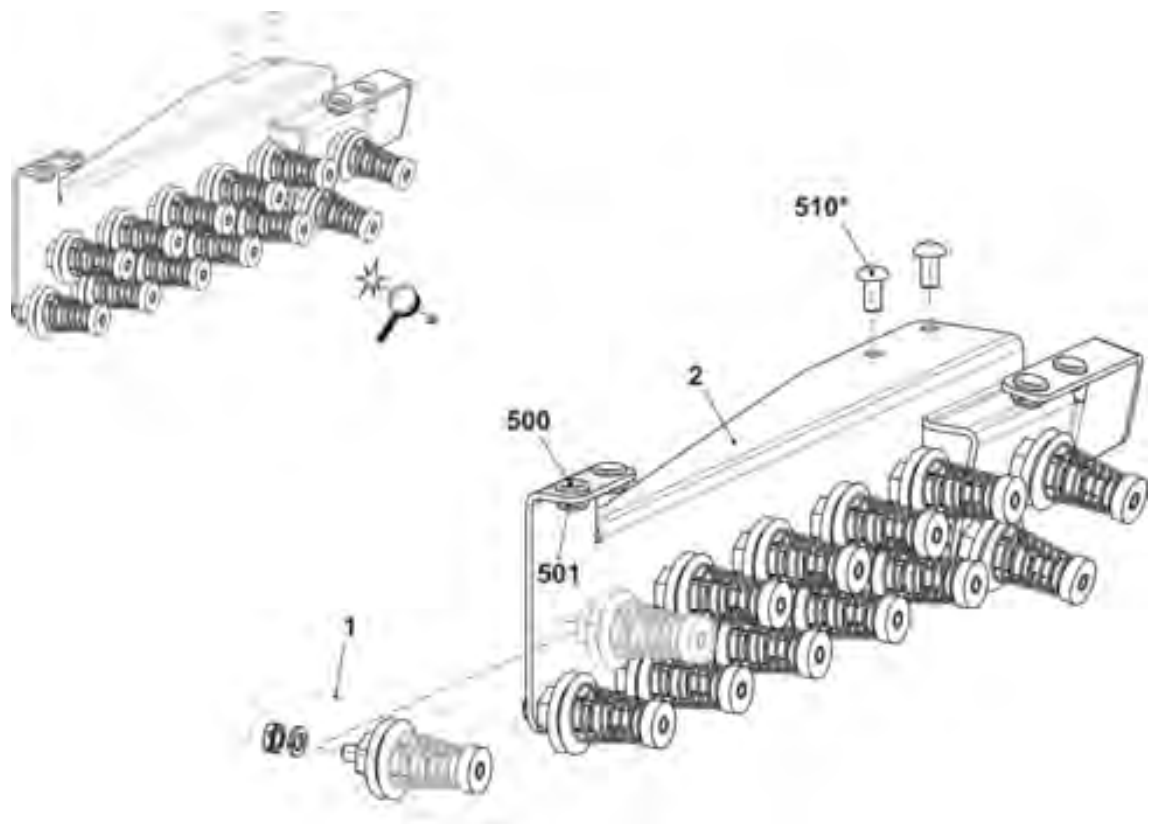
Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left complete		Σ 5	Thread clamp AKF	238 695
	E6.2	241 366	51	HousingAKF	238 689
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E6.2	258 557	55	Pressure piece AKF	238 690
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	258 459	56	SliderAKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Shim ring 8x14x0,5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0,30x4,50x18,50	241 437
			554	Grooved pin 2x6	243 172



9.3 Yarn guide on the left E10-E18

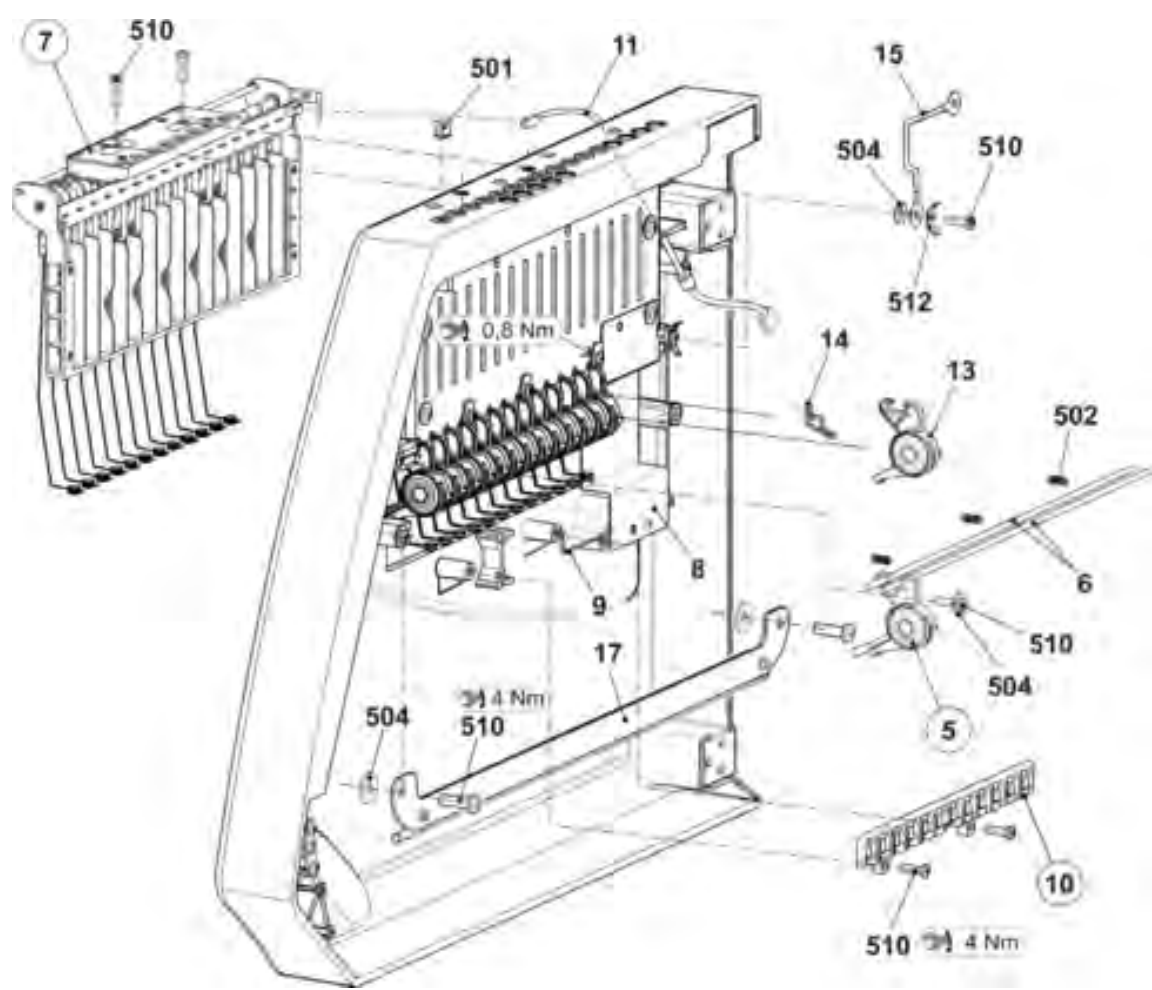
9.3.3 Stopping device on the left

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



9.4 Left yarn guide E6.2

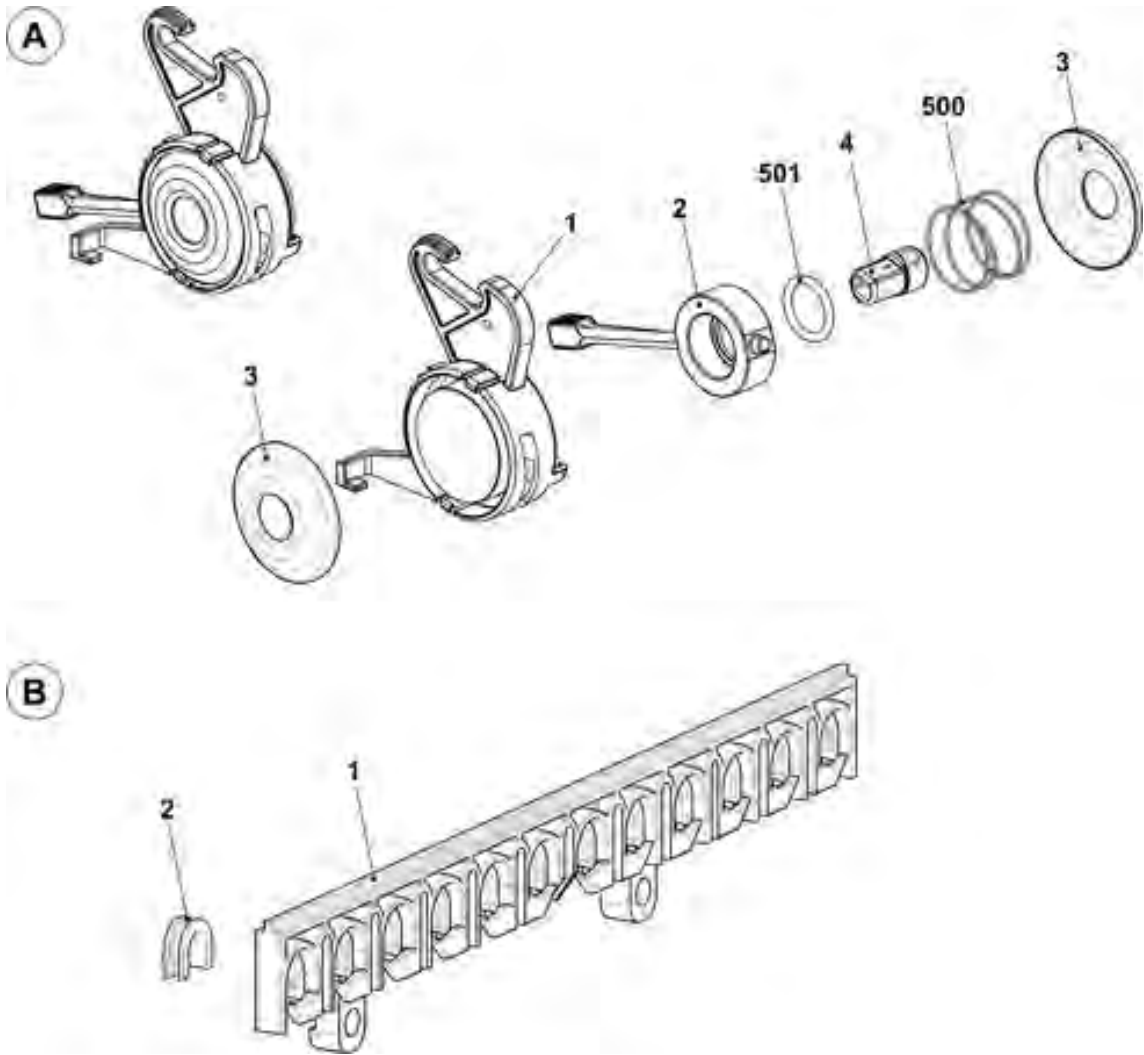
Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete E7-8	241 272			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left completeE7-8	241 364	17	Stop bar on the left complete	258 454
8	Cover	240 783	501	Ceramic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



9.4 Left yarn guide E6.2

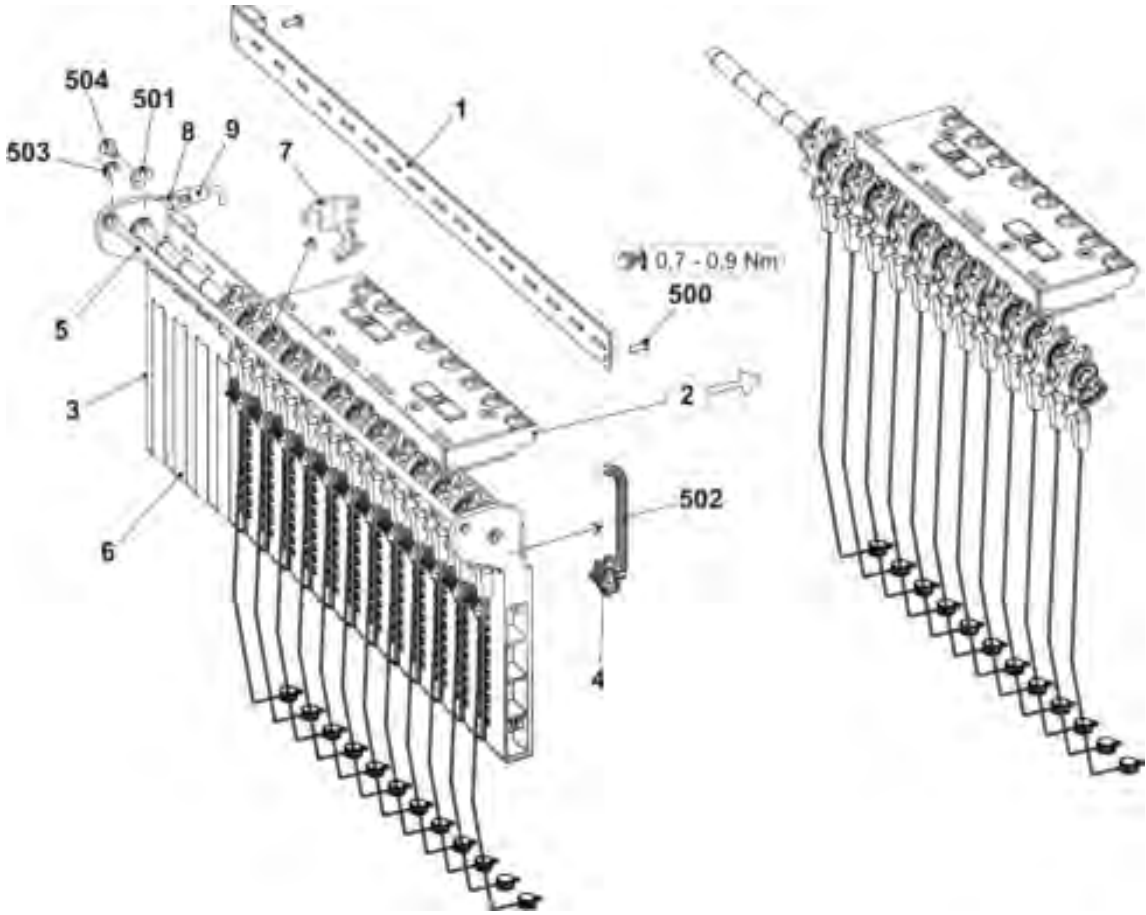
9.4.1 Yarn brake and yarn deflector

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



9.4.2 Left yarn tensioner E6.2

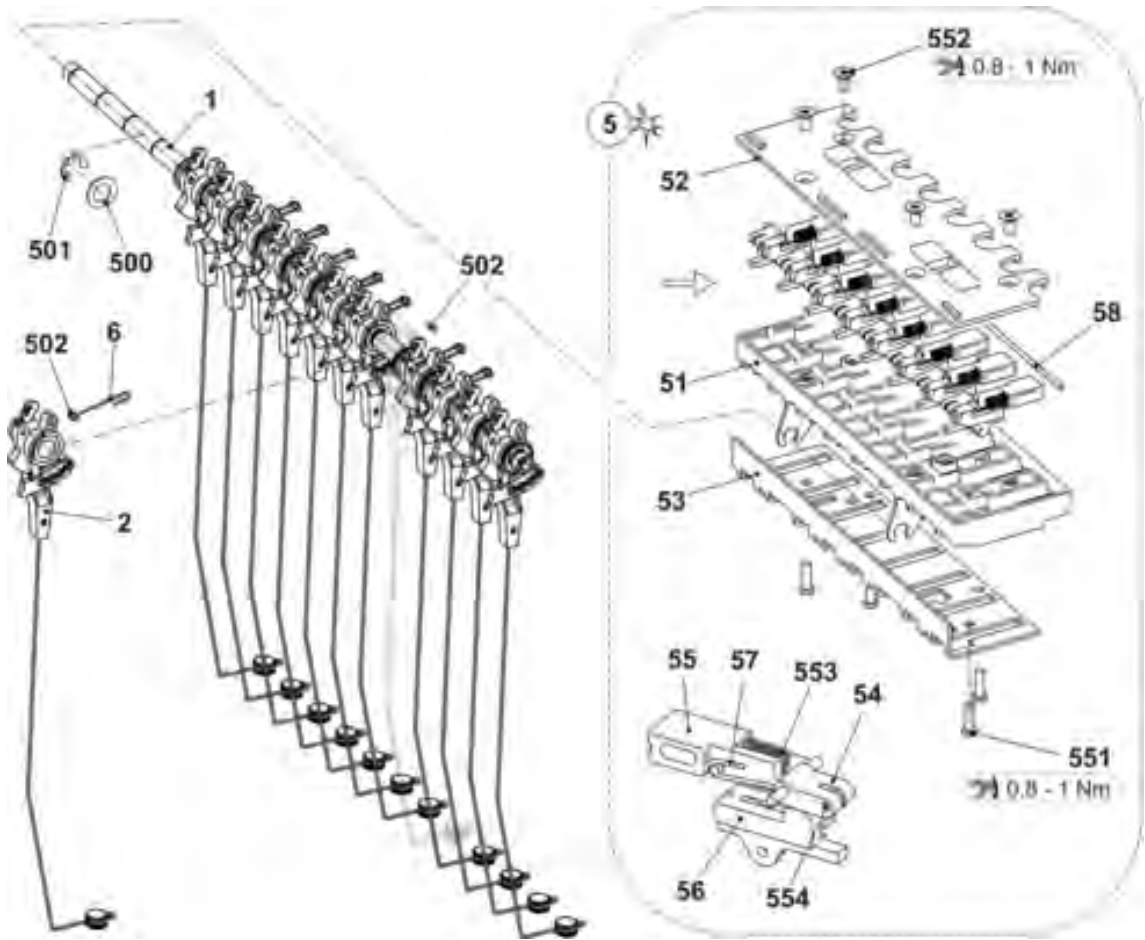
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn tensioner on the left complete E7-8	241 364				
1	Card yarn tensioner 16-fold on the left	241 345		7	Spacer	242 048
2	Tension axle on the left complete E3-8	241 366		8	Grounding plate of tension axle	243 121
3	Housing	241 367		9	Ground cable yarn tensioner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



9.4 Left yarn guide E6.2

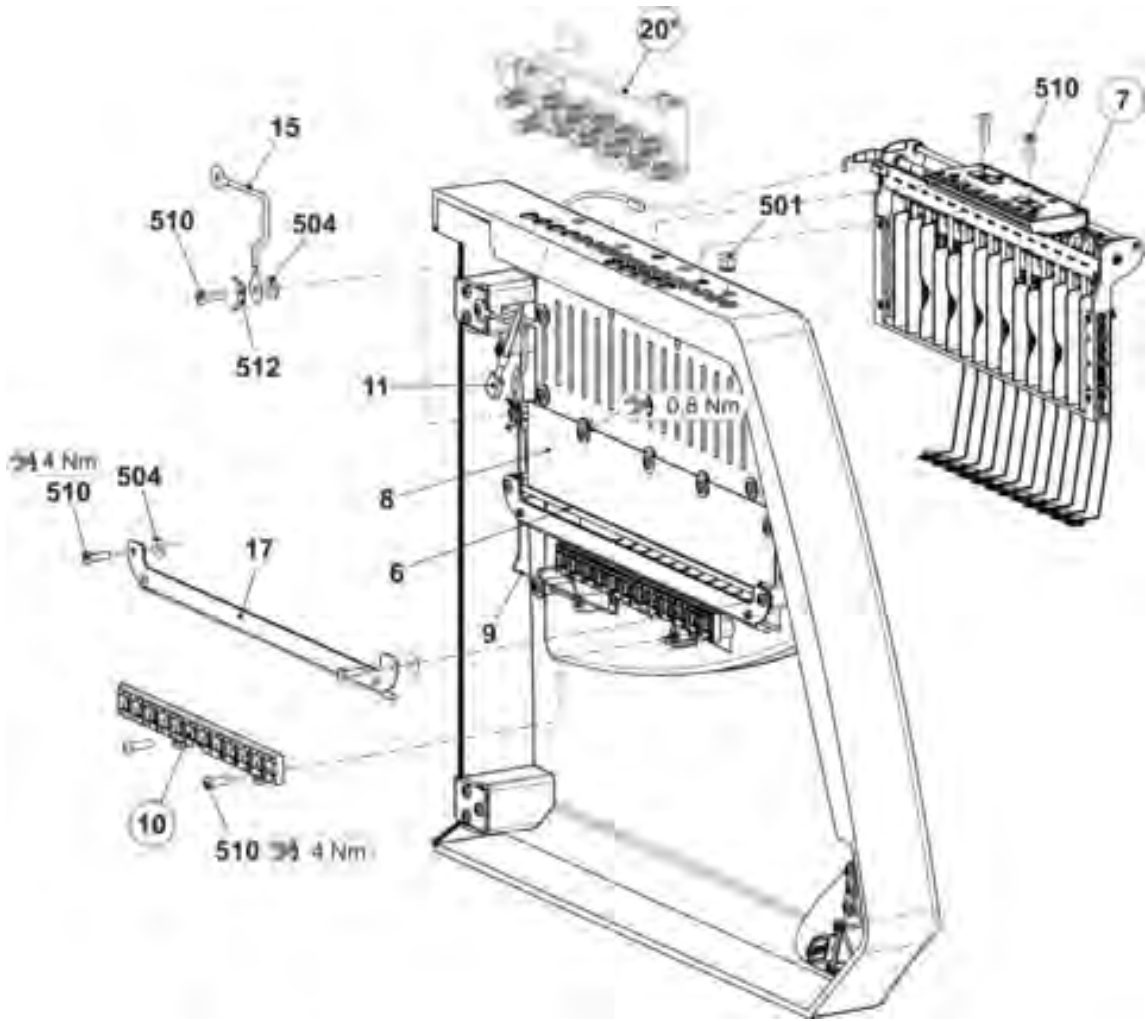
9.4.2.1 Left tension axle E6.2

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



9.5 Yarn guide on the right E10-E18

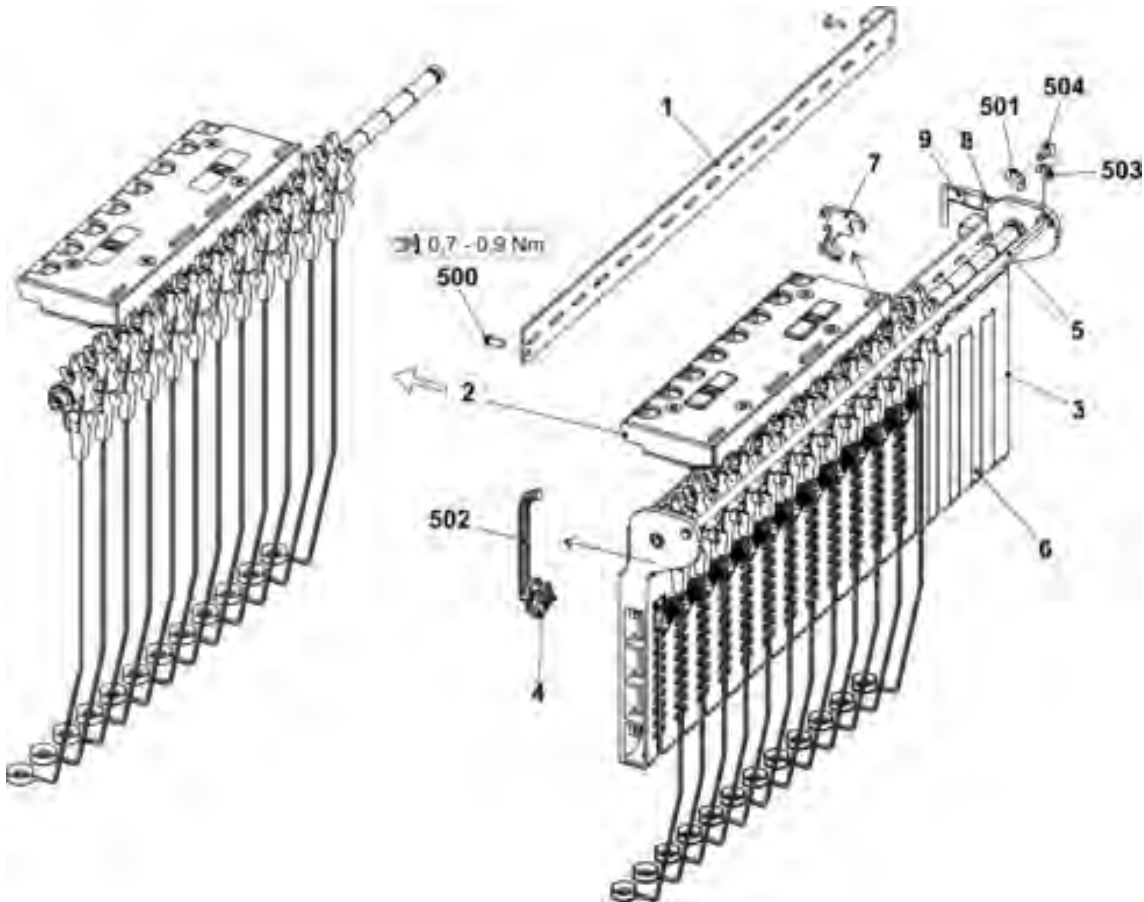
Pos	Designation	Id		Pos	Designation	Id
Σ	Safety door on the right complete E10-18, E10 E12 E14 E16 E18 E6.2(12m.10) E7.2 E8.2	241 276		15	Ground cable	244 404
6	Wave	241 318		17	Stop bar on the right complete	258 562
7	Yarn tensioner on the right complete E10-18	241 384		20*	Stopping device 12-fold on the right	260 341
8	Cover plate 16-fold	259 400		501	Ceramic eyelet	240 640
9	Wire bow on the right	241 369		504	Washer6	022 537
10	Yarn deflector	242 011		510	Screw KB 60x20	237 682
11	Connection cable yarn tensionerokc	240 808		512	Flat connector 2x45° M6	243 117



9.5 Yarn guide on the right E10-E18

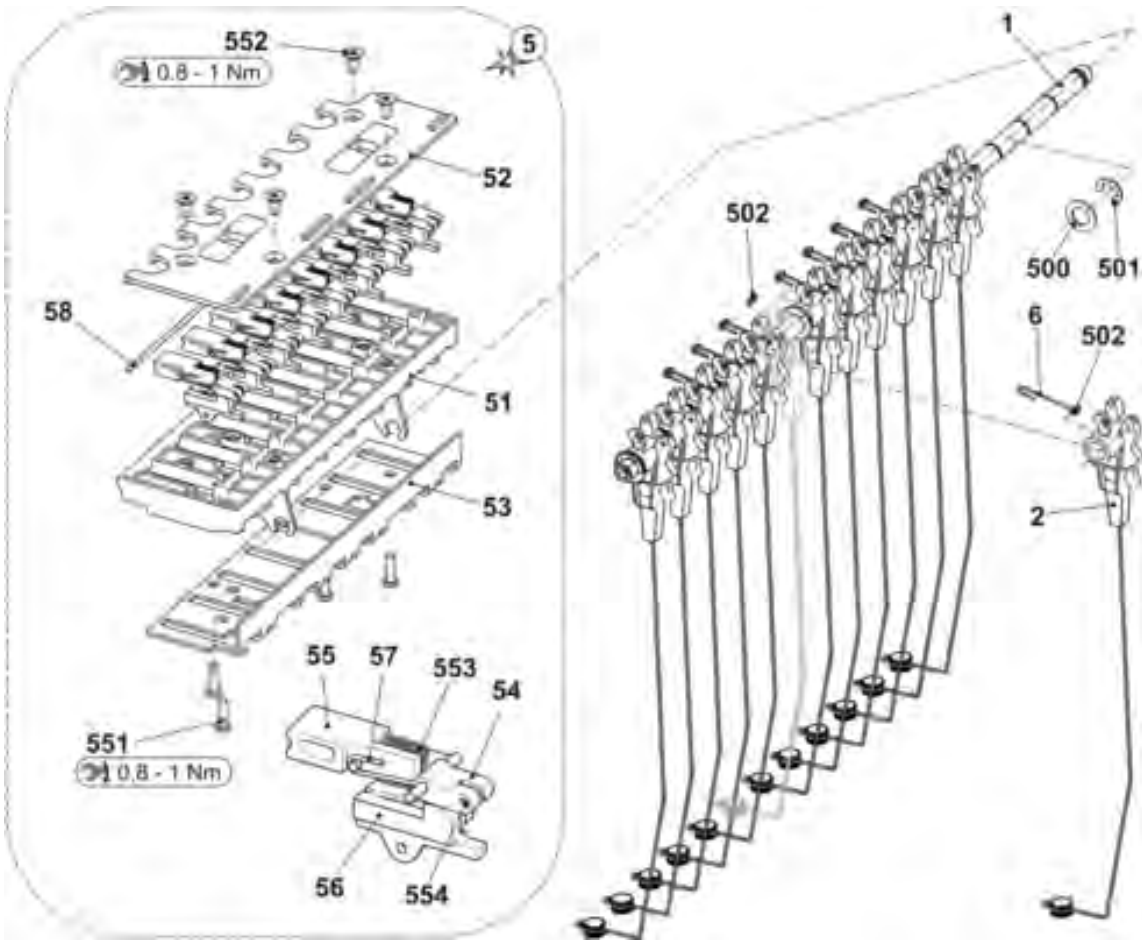
9.5.1 Right yarn tensioner

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



9.5.1.1 Right tension axle

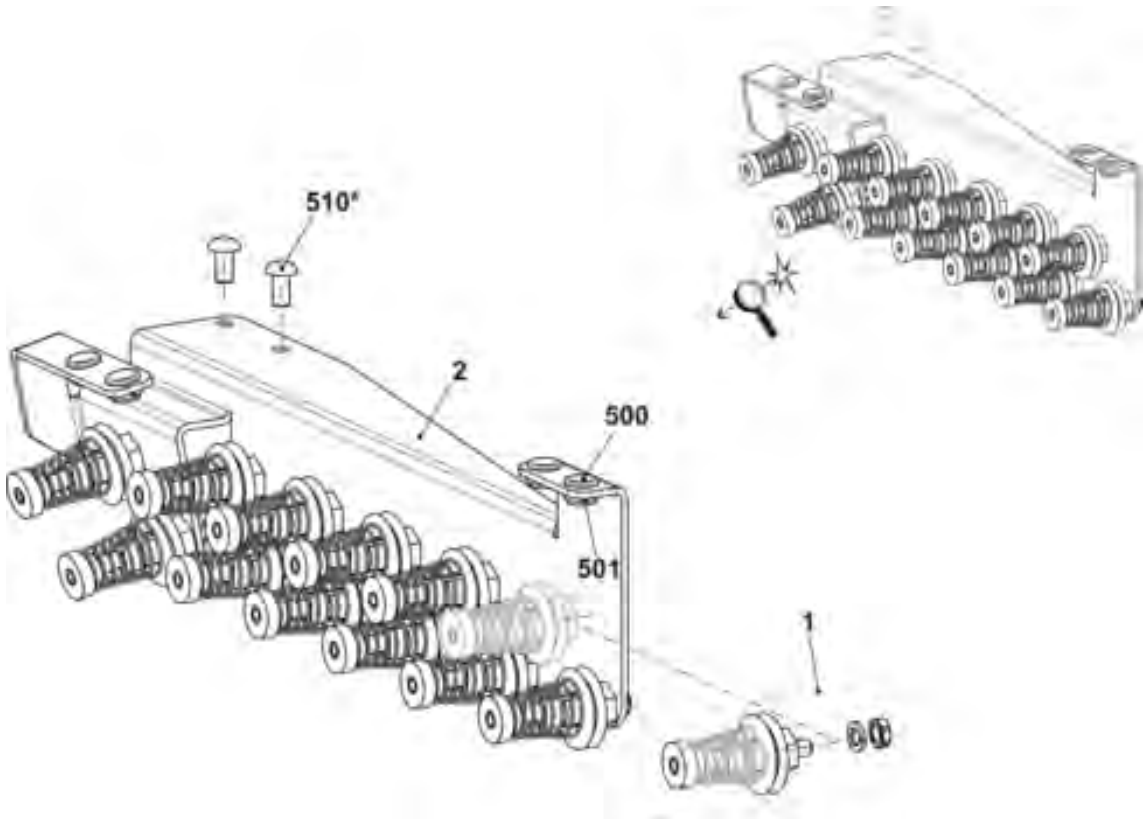
Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right completeE10-18	241 380	53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	54	Lever AKF	238 692
2	Tension arm pre-assembled	258 459	55	Pressure piece AKF	238 690
6	Wire bow	238 694	56	SliderAKF	238 691
500	Shim ring 8x14x0,5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



9.5 Yarn guide on the right E10-E18

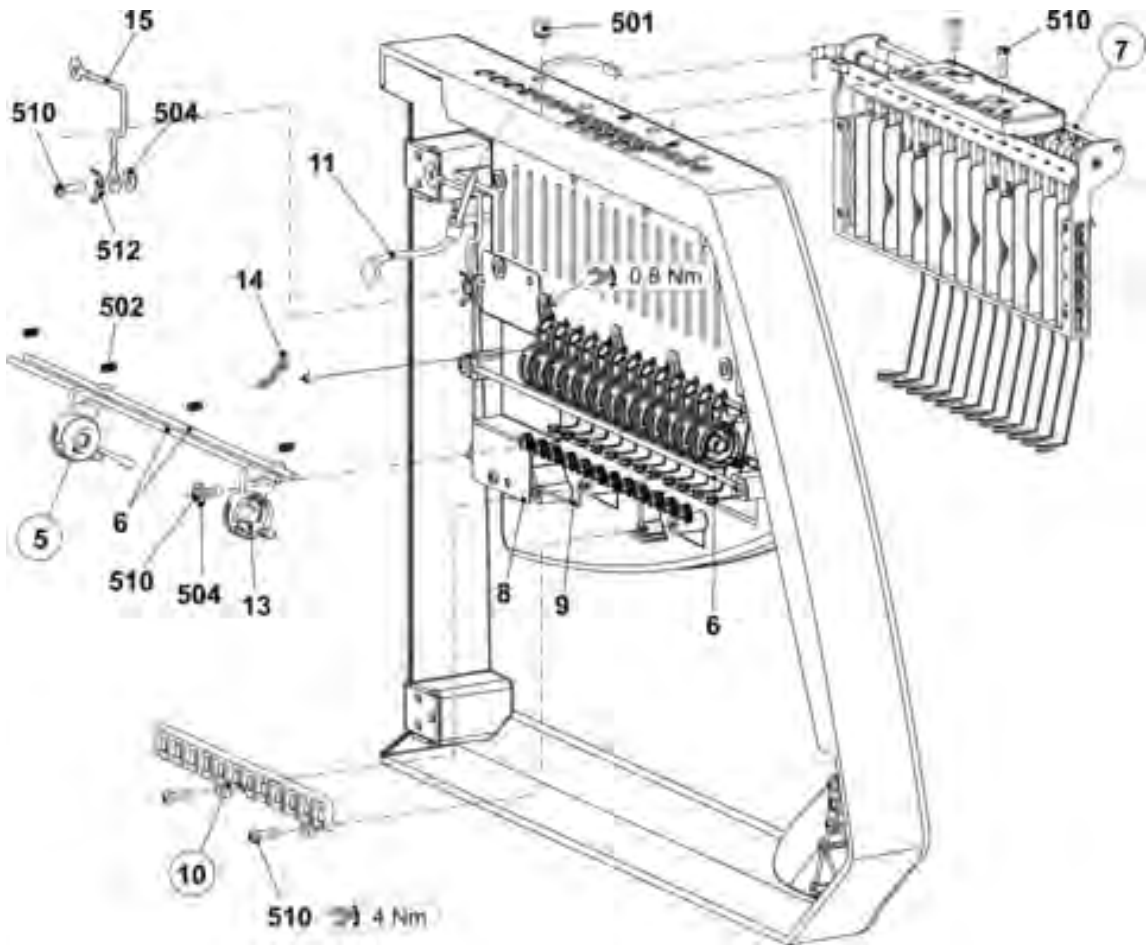
9.5.2 Stopping device on the right

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



9.6 Right yarn guide E6.2

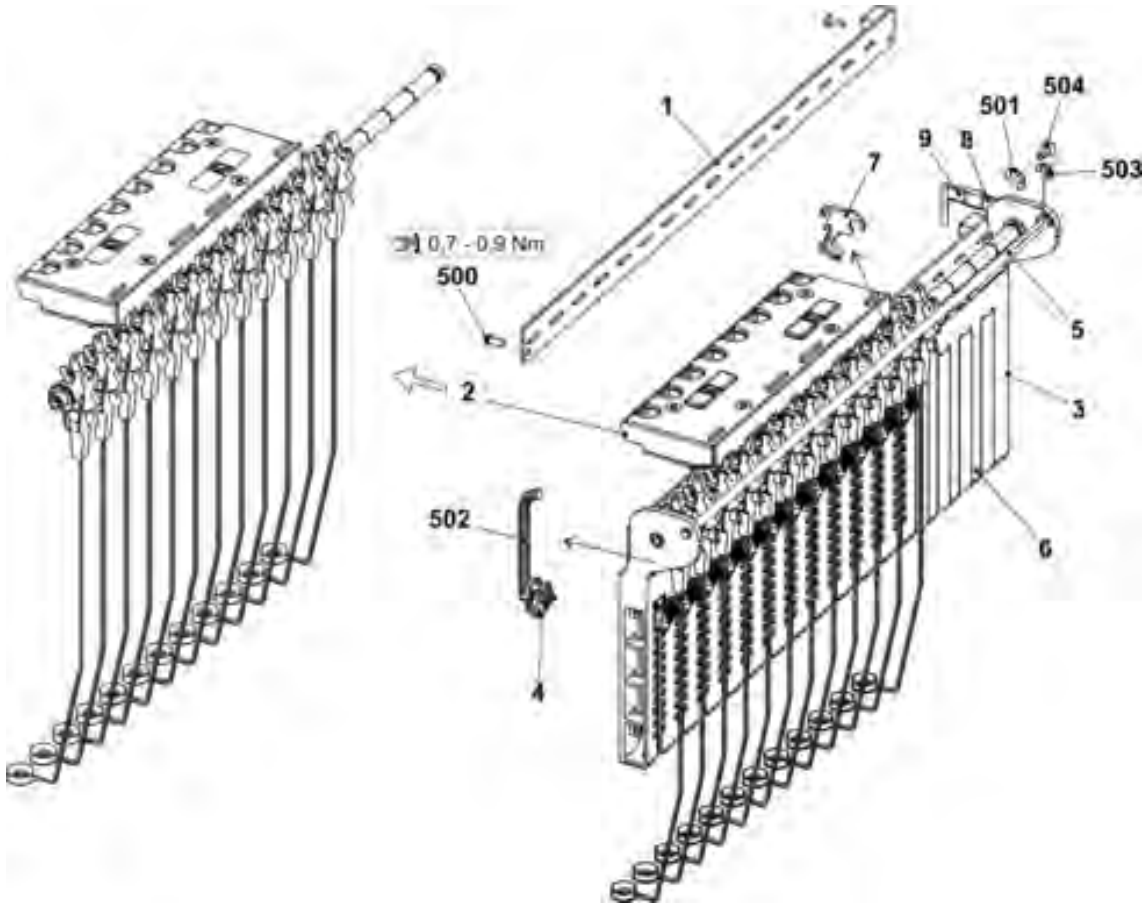
Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the right complete E7-8	241 275	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete E7-8	241 383	501	Ceramic eyelet	240 640
8	Cover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



9.6 Right yarn guide E6.2

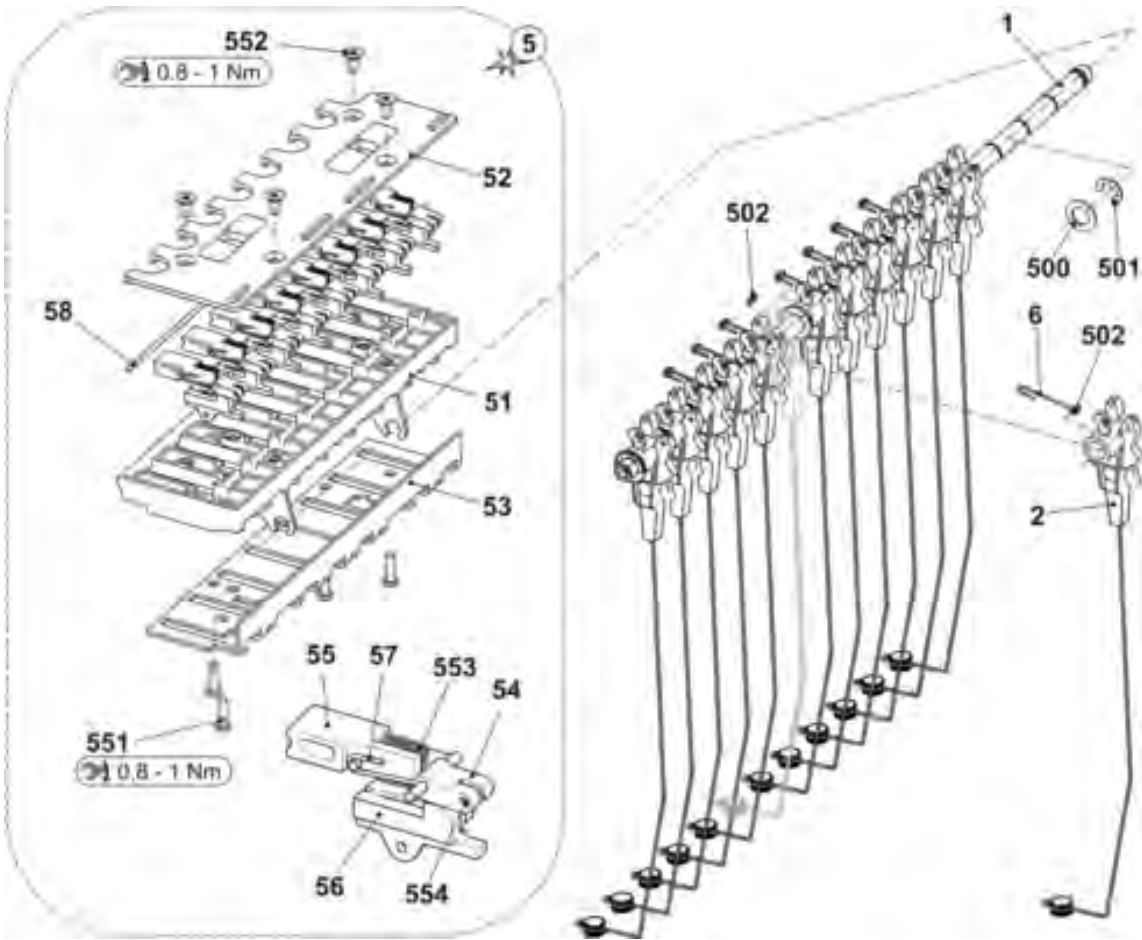
9.6.1 Right yarn tensioners E6.2

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



9.6.1.1 Right tension axle

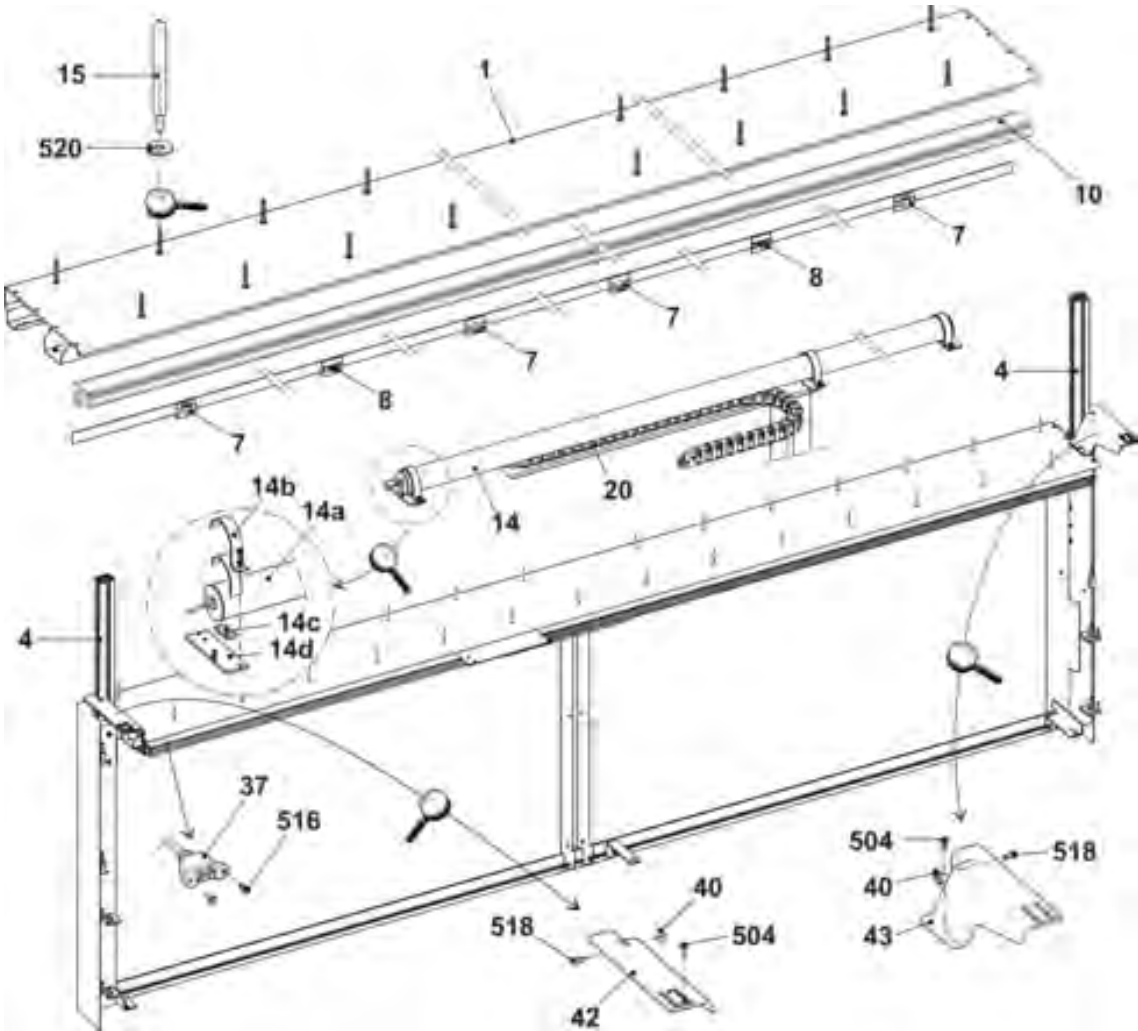
Pos	Designation		ID		Pos	Designation		ID
Σ	Tension axle on the right completeE3-8		241 379			56	SliderAKF	238 691
1	Axle		243 107			57	Wire bow	238 694
2	Tension arm pre-assembledE3-8		258 557			58	Wire	237 940
6	Wire bow		238 694			551	Screw KB 35x12	237 681
5	Thread clamp AKF		238 695			552	Screw KB 40x8	236 227
	51	HousingAKF	238 689			553	Compression spring 0,30x4,50x18,50	241 437
	52	Cover AKF	237 926			554	Grooved pin 2x6	243 172
	53	Sheet metal at the bottom (housing AKF)	240 719		500	Shim ring 8x14x0,5	023 501	
	54	Lever AKF	238 692		501	Circlip	021 022	
55	Pressure piece AKF		238 690		502	Grooved pin 2x6		243 172



9.7 Bobbin board

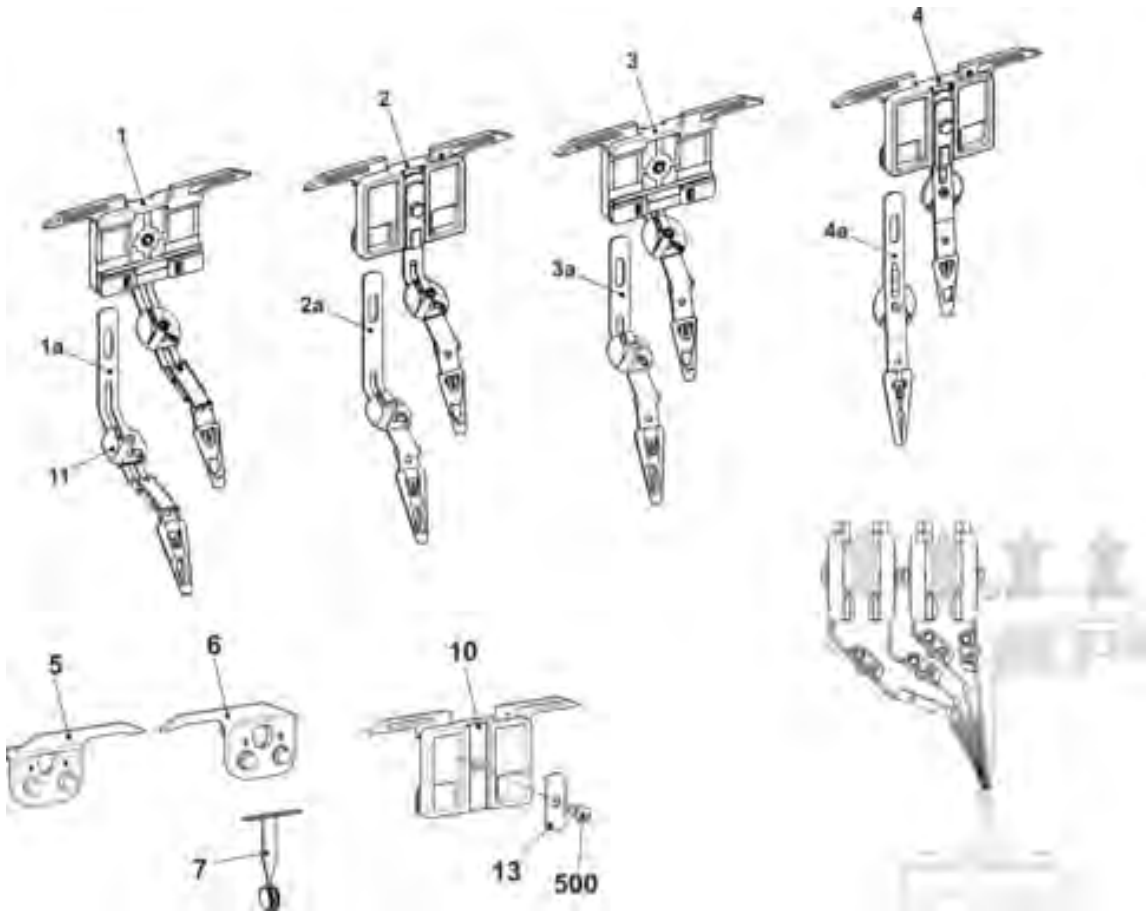
9.7 Bobbin board

Pos	Designation		Id		Pos	Designation		Id
Σ	Table complete 84"		240 681					
1	Table		251 246		15	Positioning pin		204 819
4	Support element		228 594		20	Energy chain display 38 links		253 888
7	Magnet switch safety door		219 983		37	Cable USB extension 84 okc		243 070
8	Magnet switch safety door		220 159		40	Slot nut		228 851
10	Guide rail at the top complete		240 684		42	Support of left feed wheel		250 966
14	Lamp at the top complete		236 693		43	Support of right feed wheel		250 967
	14a	Long light RL60V - 230 V	212 580		504	Pan-head screwM8x16		023 113
	14b	Clamping bow	209 504		516	Pan-head screwM3x8		023 251
	14c	Cellular caoutchouc 40x20	208 018		518	Pan-head screwM8x18		251 331
	14d	Lamp support	221 951		520	Washer		020 901



9.8 Yarn guide complete

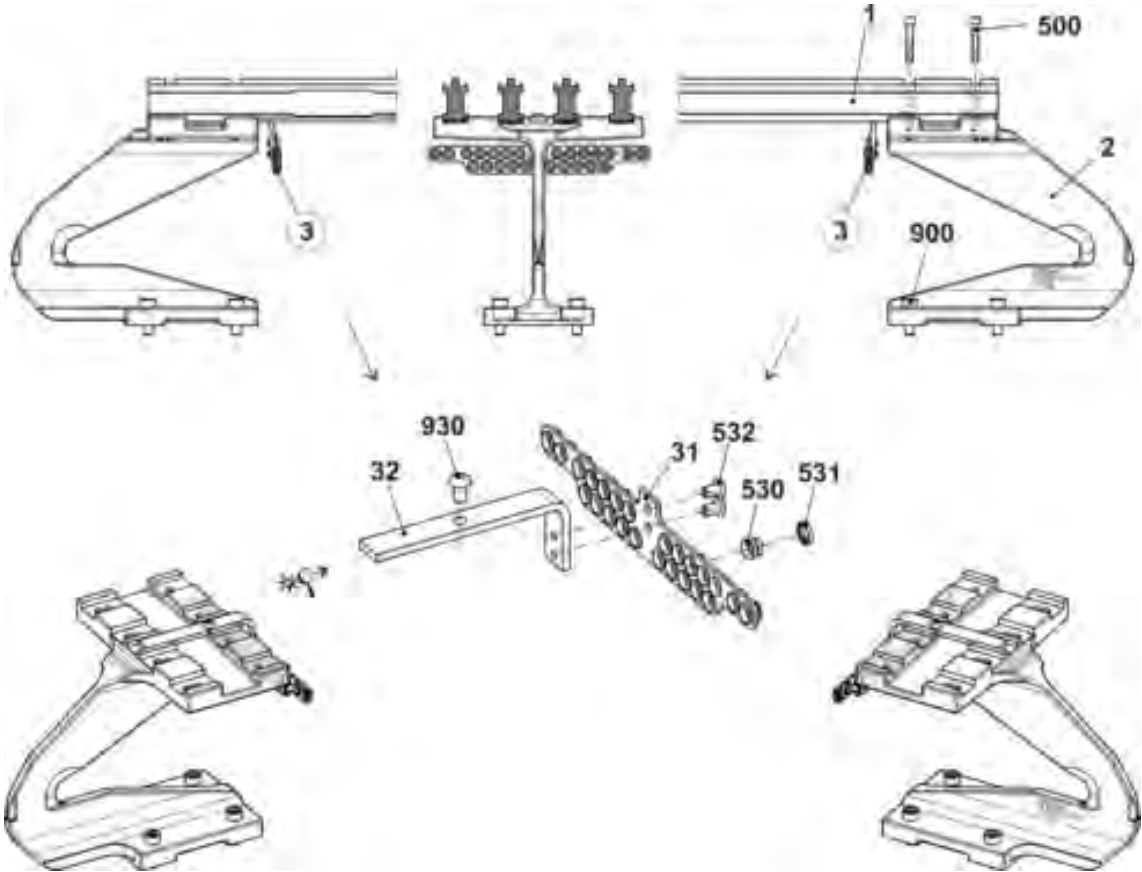
Pos	Designation	Track	ID		Pos	Designation	ID
E6.2					E6.2		
1	FF carriage complete E7-8	1+8	243 939		1a	FF bow 1+8 complete E7-8	212 892
2	FF carriage complete E7-8	2+7	243 938		2a	FF bow 2+7 complete E7-8	212 914
3	FF carriage complete E7-8	3+6	243 937		3a	FF bow 3+6 complete E7-8	212 925
4	FF carriage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



9.9 Bar unit

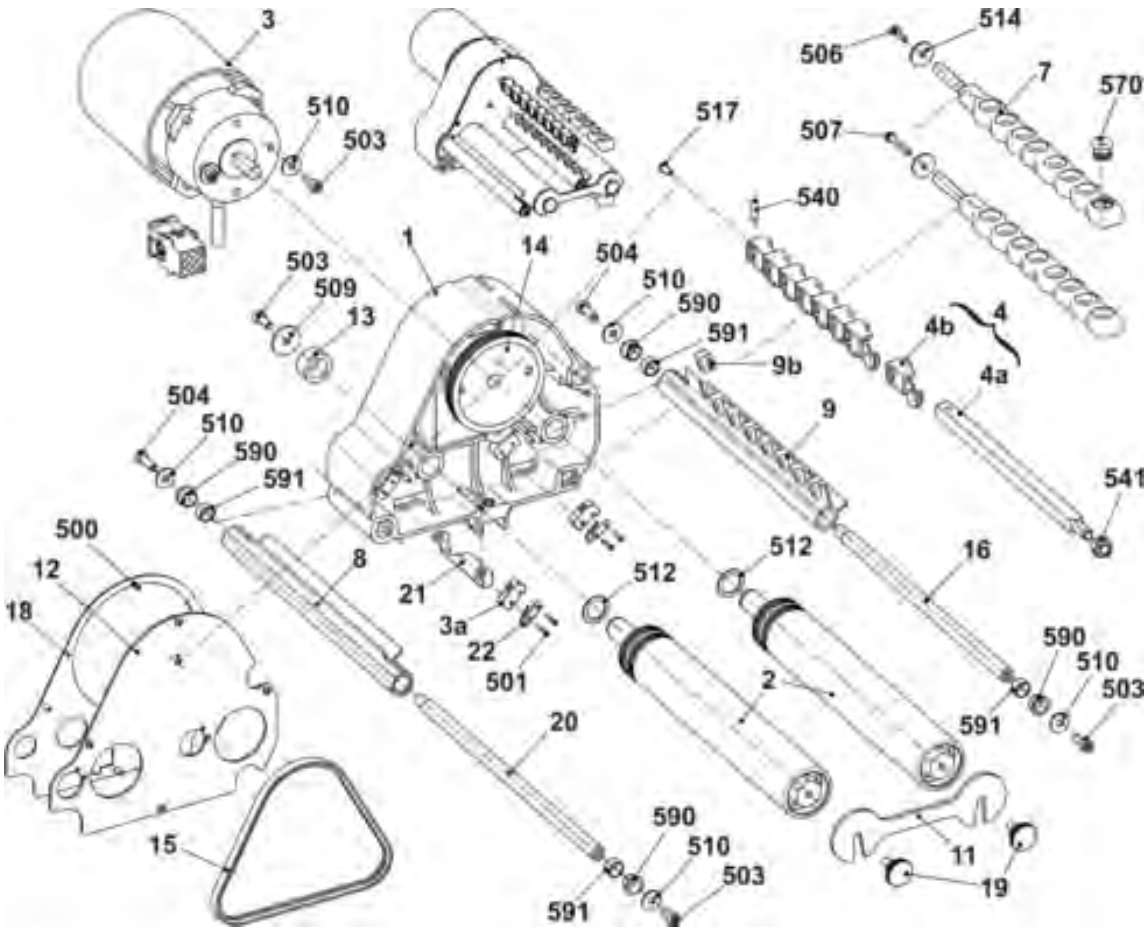
9.9 Bar unit

Pos	Designation		ID		Pos	Designation		ID	
Σ	Bar unit		244 103			530	Eyelet 4,2	021 502	
1	Yarn carrier rail		255 467			531	Clamping ring		259 606
2	FF support		253 674			532	Pan-head screwM5x8		239 408
3	Yarn guide bracket complete		259 403			930	Pan-head screwM6x10		023 183
	31	Eyelet holder complete	259 402		500	Cap screwM6x35		020 139	
	32	Holding angle	259 574		900	Cap screwM8x25		020 142	



9.10 Left friction feed wheel

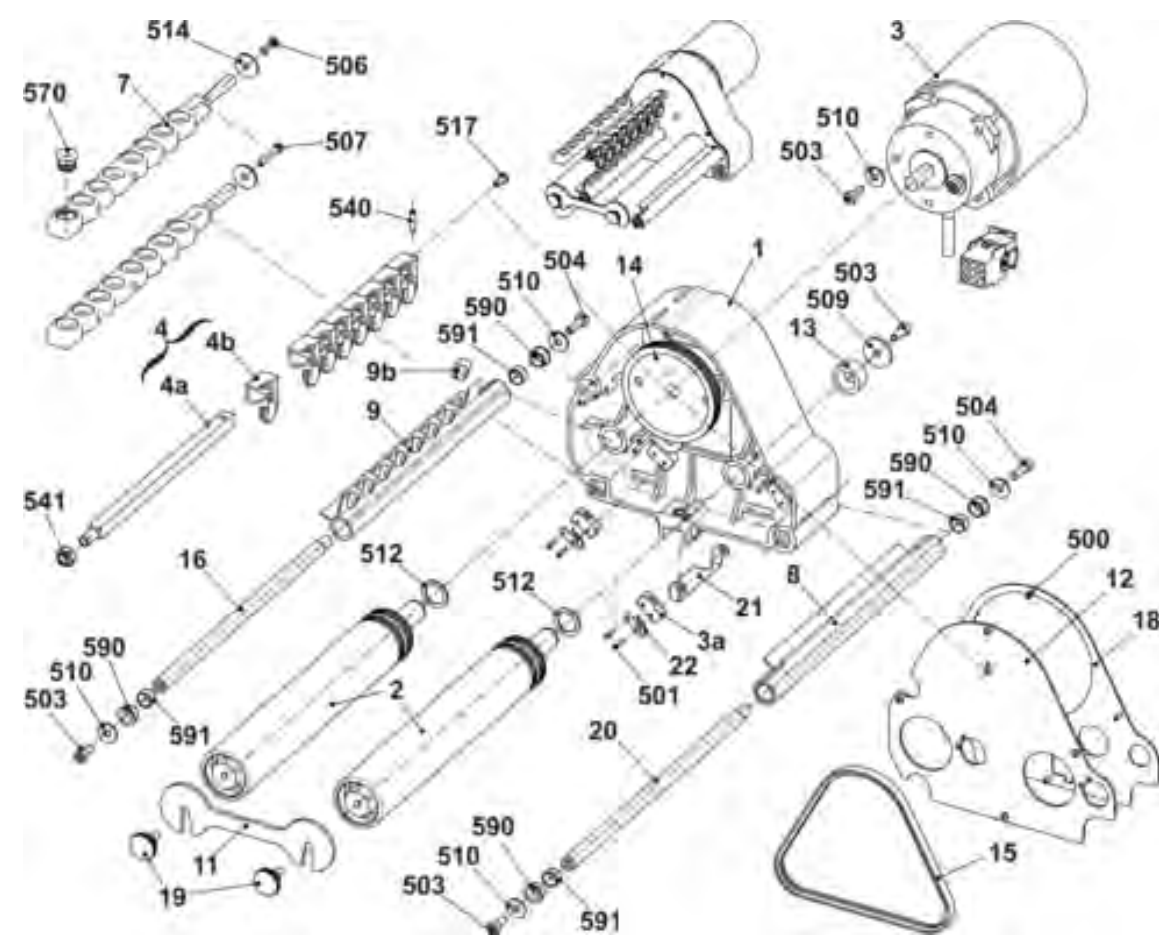
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571	14	V-ribbed belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase AC motor complete		219 800	18	Cover		230 758
	3a	Microswitch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



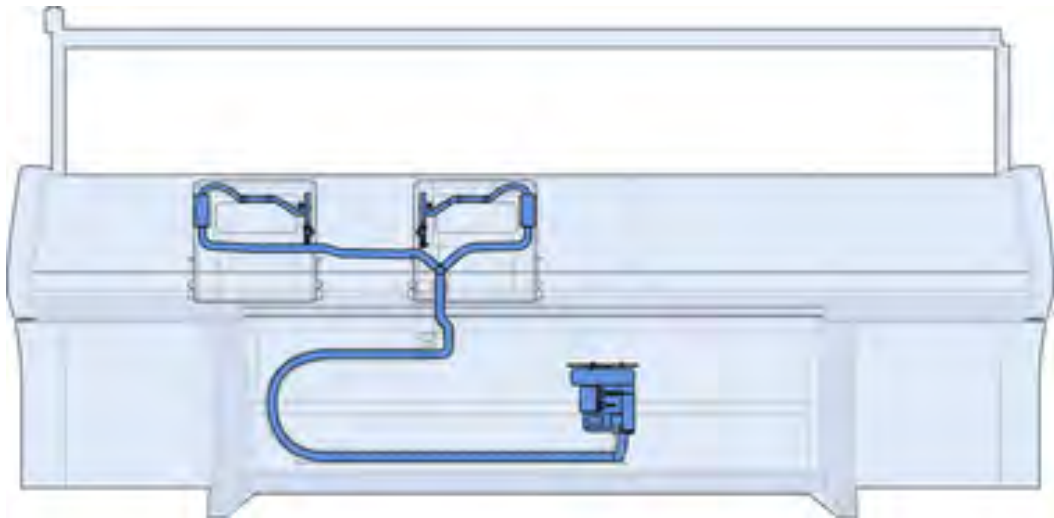
9.11 Right friction feed wheel

9.11 Right friction feed wheel

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

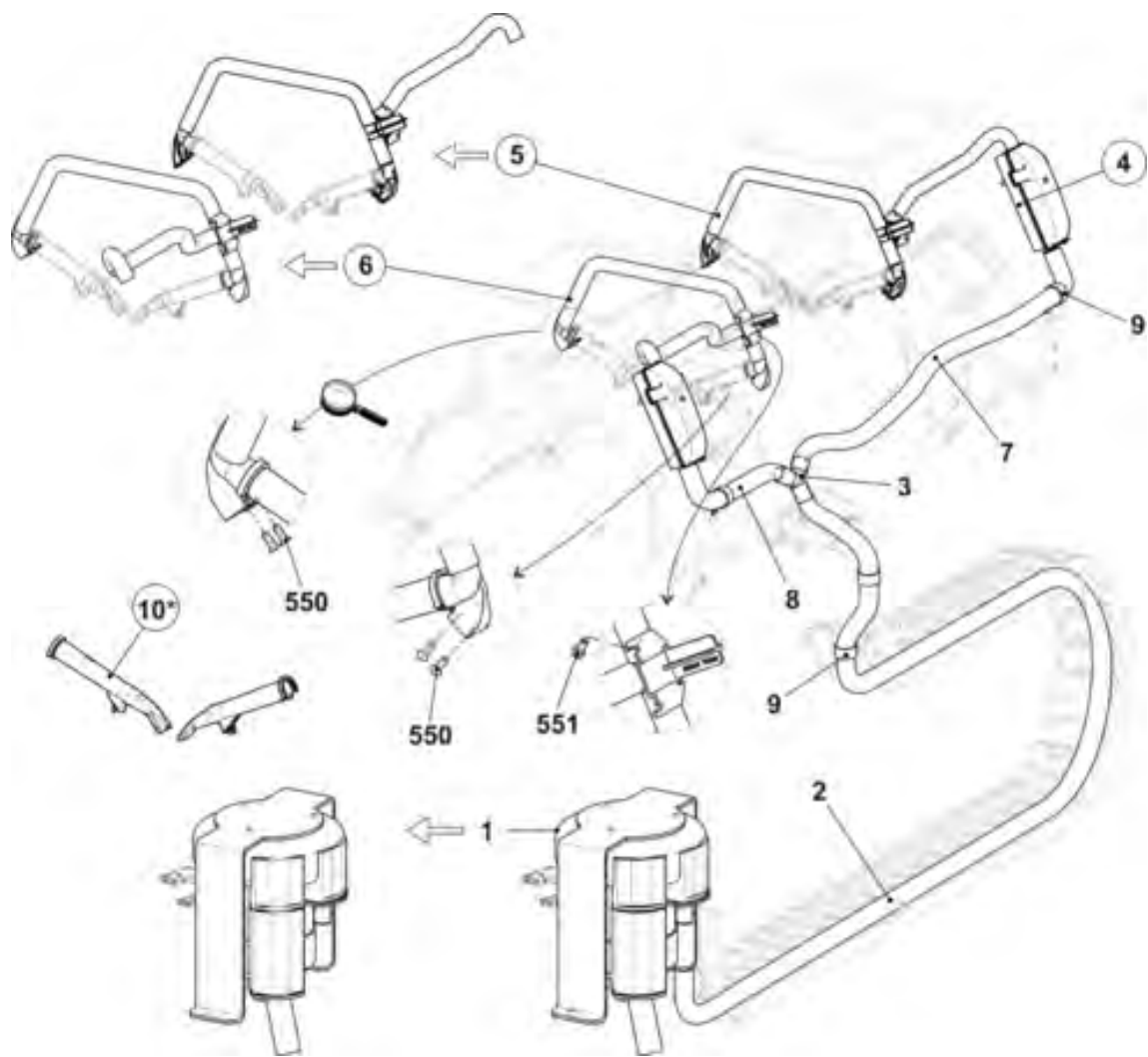


10 Fluff absorption



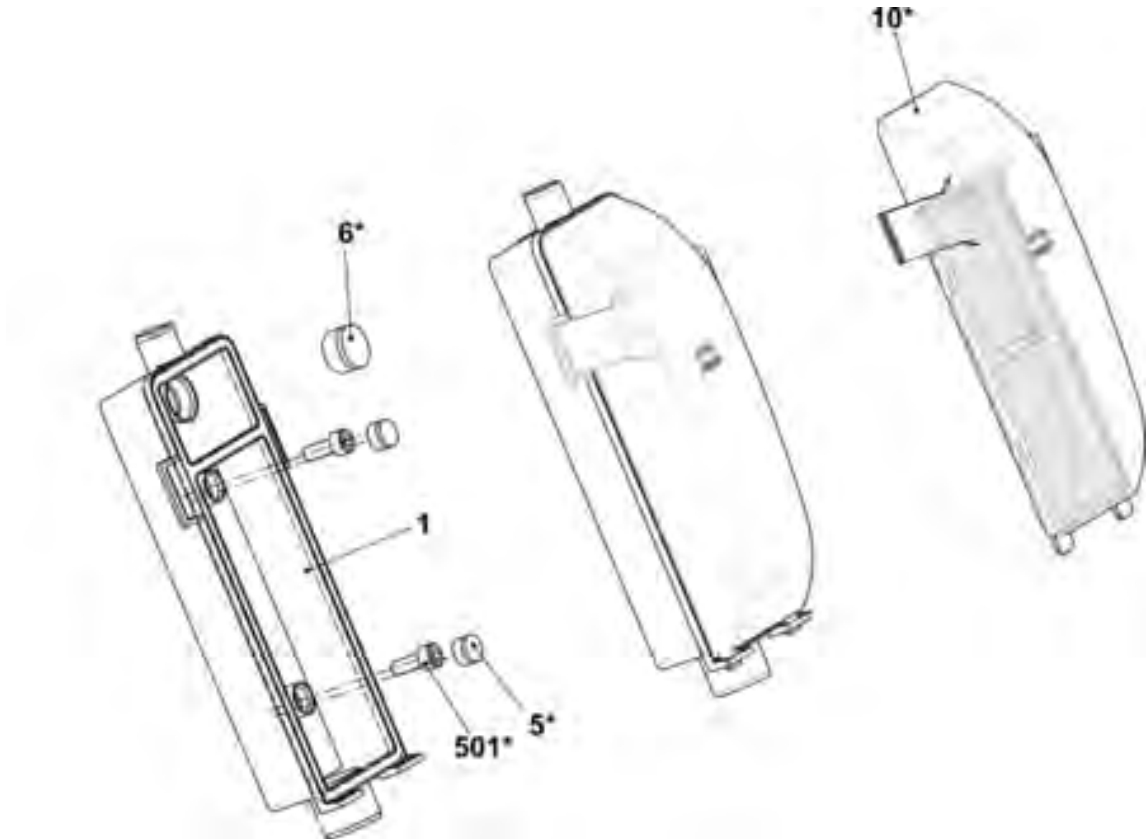
10.1 Fluff absorption

Pos	Designation	Id		Pos	Designation	Id
Σ	Fluff absorption			7	Suction hose 29x25x1170	257 993
1	Suction fan complete	251 332		8	Suction hose 29x25x350	252 746
2	Suction hose 29x25x2850	252 747		9	Hose clip	214 653
3	Hose connector 25 mm	245 011		10*	Suction tube complete 822 E5-14	251 312
4	Lint container	245 024			Suction tube complete 822 E16-18	251 313
5	Set of hose on the left complete 822	255 070		550	Countersunk head screw M4x8	251 011
6	Set of hose on the right complete 822	255 072		551	Cap screw M4x8	022 501



10.1.1 Lint container

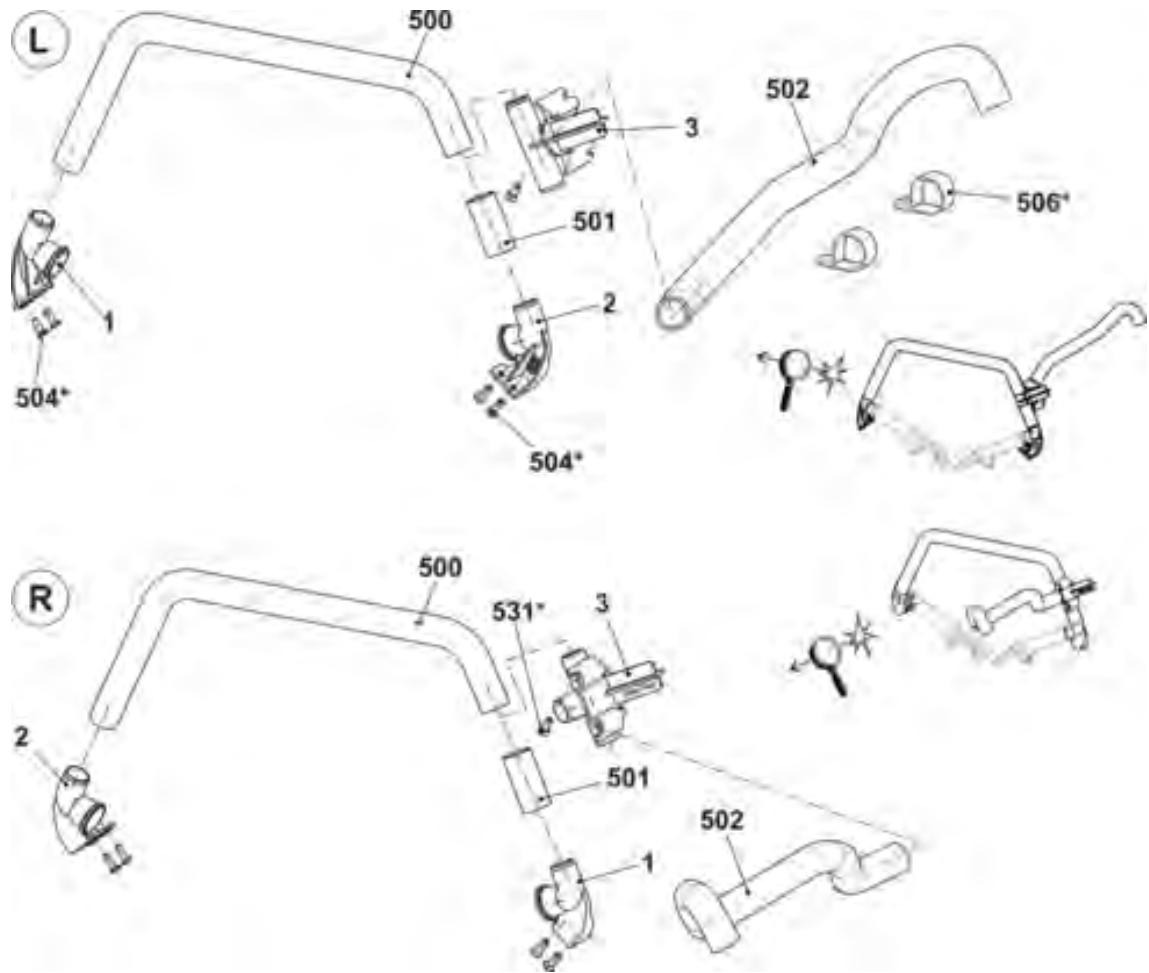
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screw M6x10	023 690



10.1 Fluff absorption

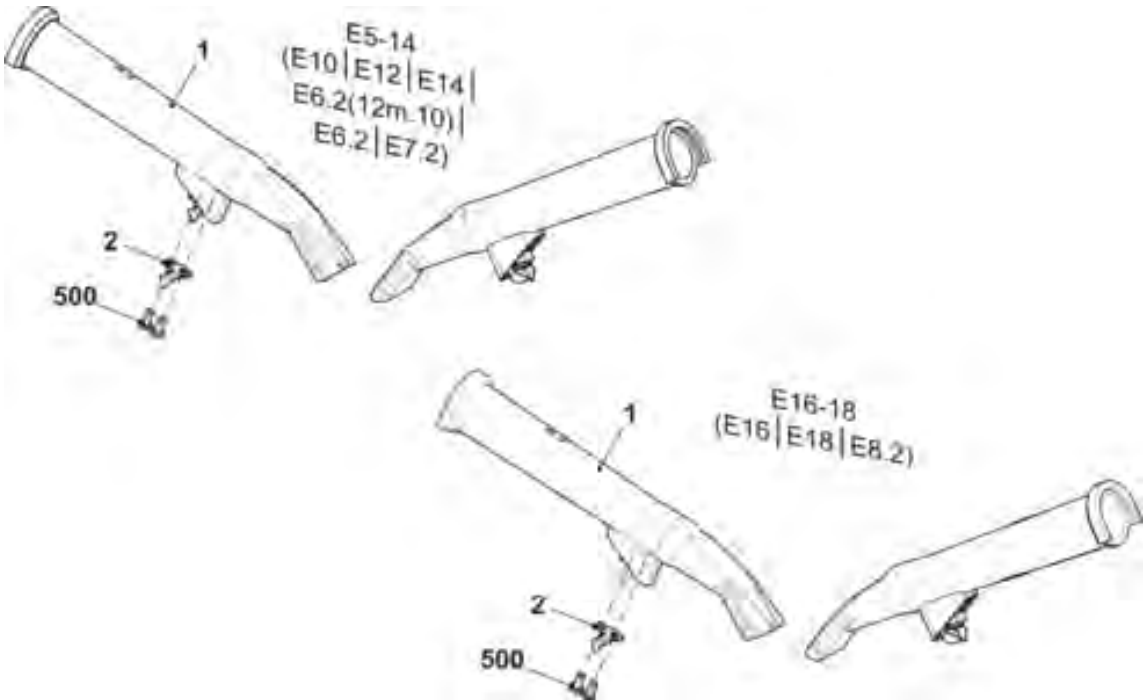
10.1.2 Set of hose on the left and right

Pos	Designation	Id		Pos	Designation	Id
L	Set of hose on the left complete 822 5Z	255 070				
R	Set of hose on the right complete 822 5Z	255 072		501	Suction hose 20x16x40	251 043
1	Angle connection on the right	250 121		502	Suction hose 20x16x370	255 071
2	Angle connection on the left	251 101		504*	Countersunk head screw M4x8	251 011
3	Connection piece FLENT	245 022		506*	Cable clip	250 051
500	Suction hose 20x16x400	244 983		531*	Cap screwM4x8	022 501



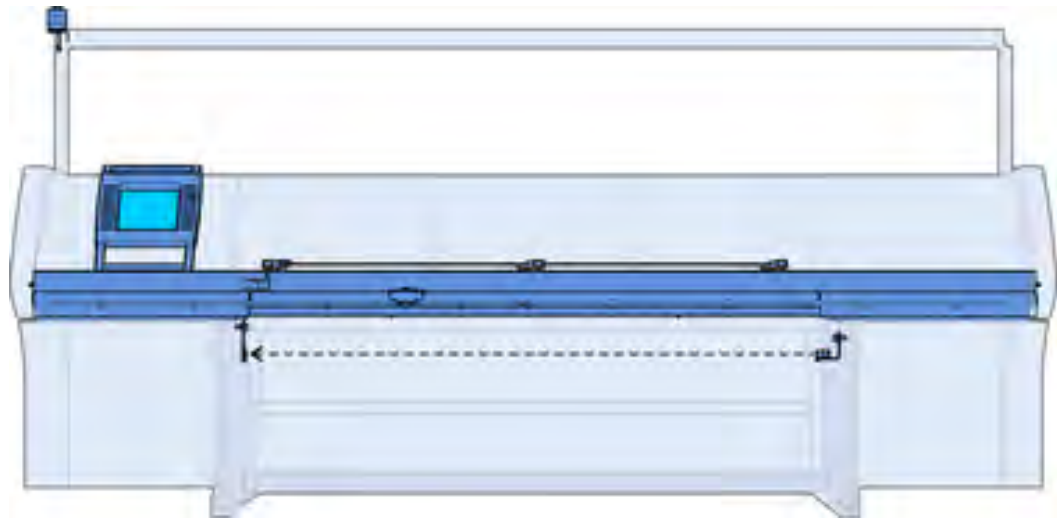
10.1.3 Suction tube

Pos	Designation	Id		Pos	Designation	Id
Σ	Suction tube complete E5-14	251 312		Σ	Suction tube complete E16-18	251 313
1	Suction tube	255 386		1	Suction tube	255 605
2	Bracket	255 628		2	Bracket	255 628
500	Screw KB30x6	241 424		500	Screw KB30x6	241 424



Notes:

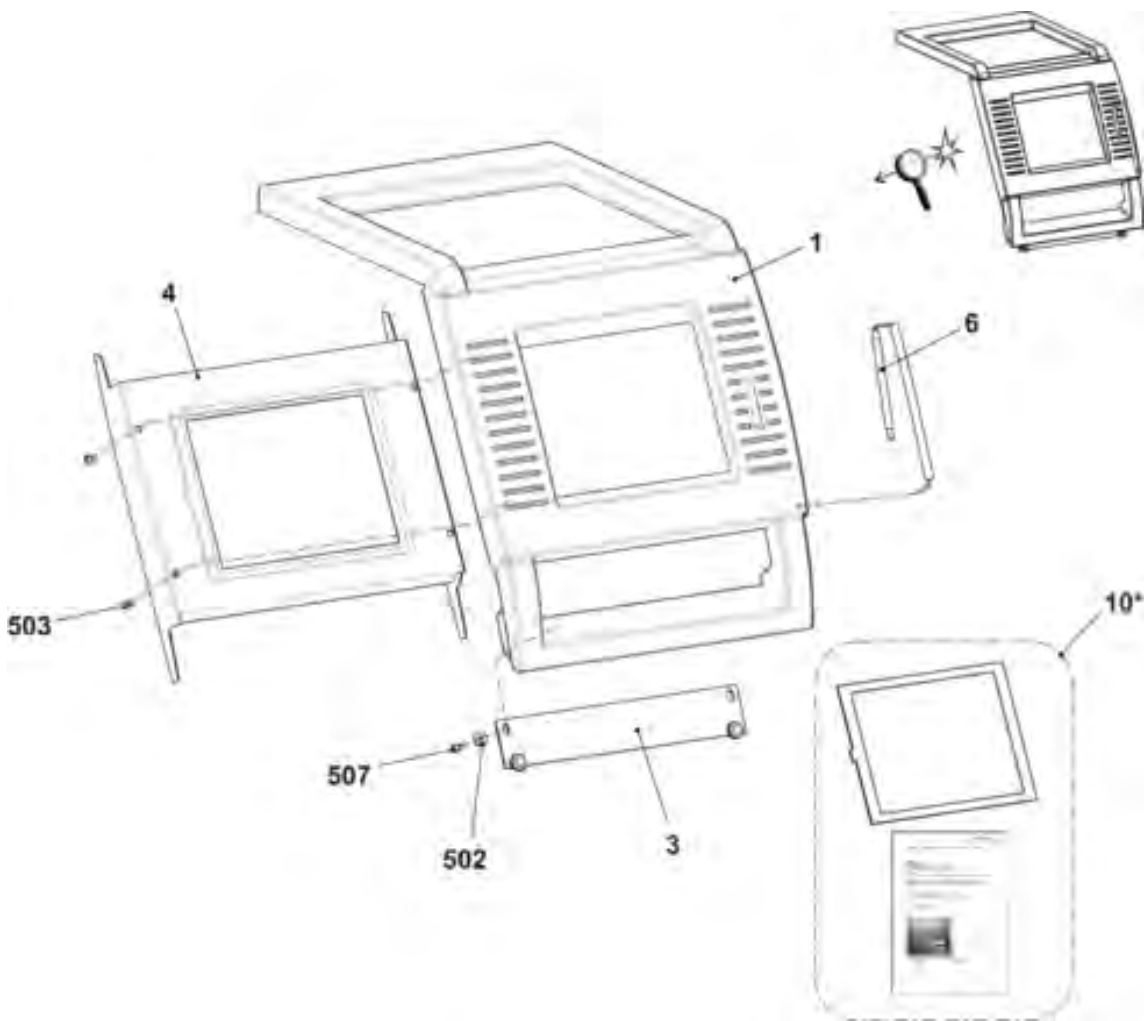
11 Operation and control



11.1 Input unit

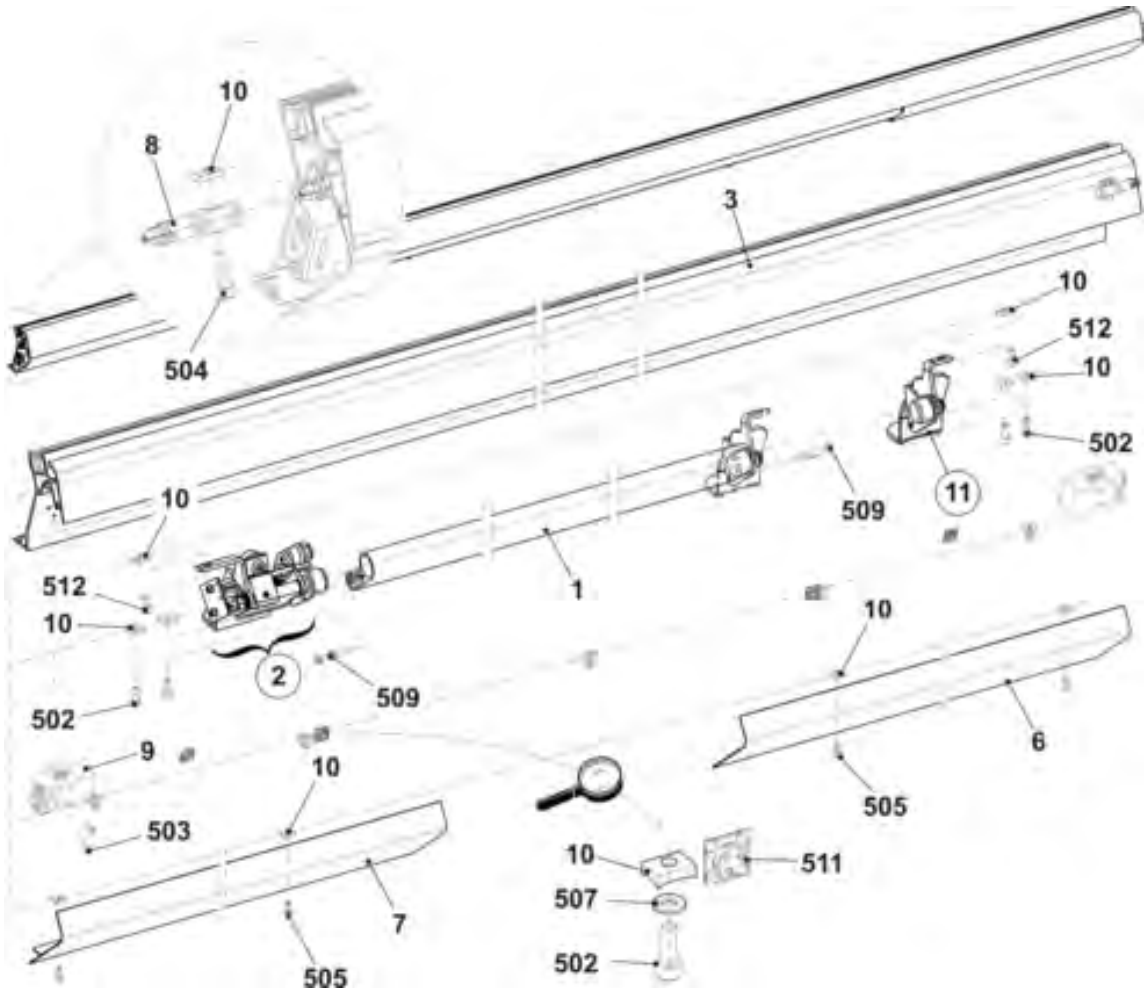
11.1 Input unit

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



11.2 Starting device

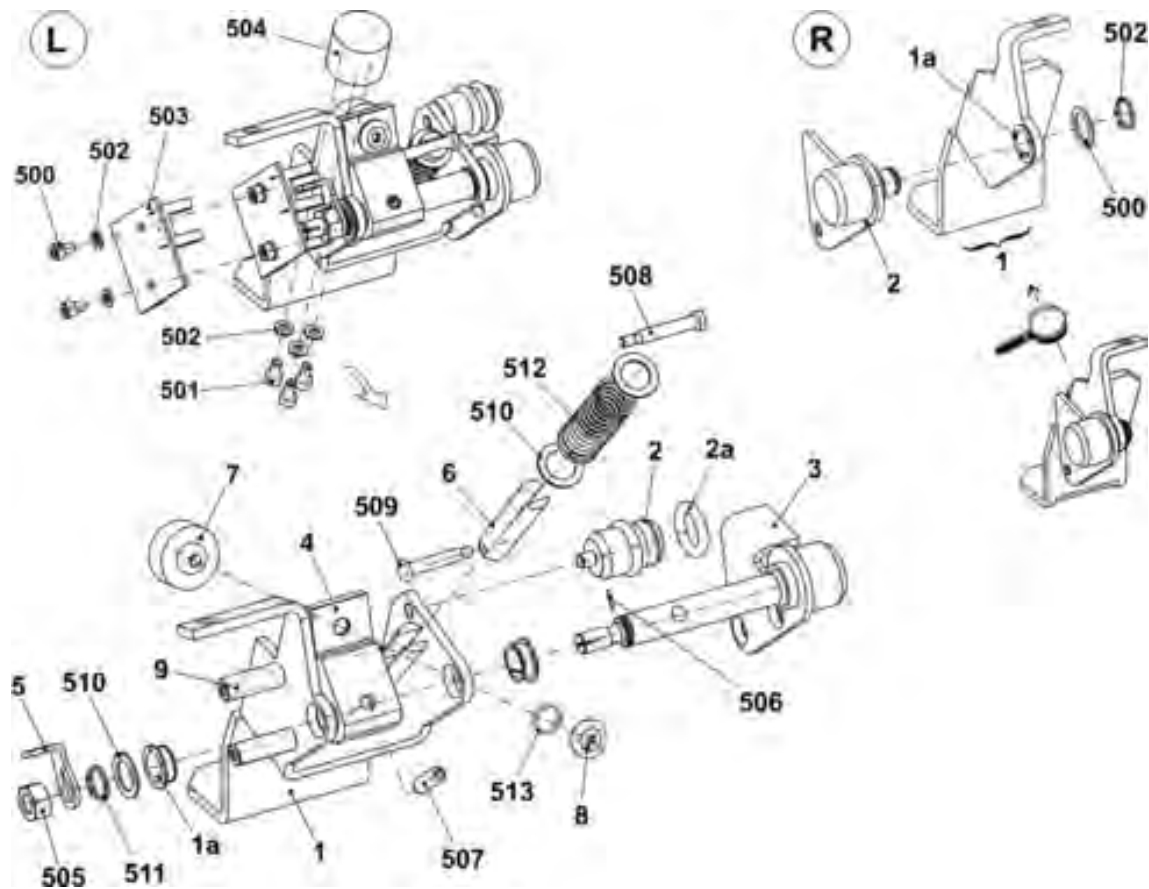
Pos	Designation	ID	Pos	Designation	ID
Σ	Starting device complete	241 039	11	Bearing on the right complete	252 964
1	Engaging rod	241 030	502	Cap screwM6x16	020 135
2	Bearing on the left complete	250 071	503	Pan-head screwM5x14	023 588
3	Guide rail at the bottom complete	257 540	504	Cap screwM6x20-12.9	020 136
6	Cover plate on the right	251 216	505	Cap screwM6x12	020 134
7	Cover plate on the left	251 217	507	Washer	020 872
8	Locating bolt	219 107	509	Screw M6x25	023 510
9	Switch with cable to safety doors	223 350	511	Adhesive base	243 055
10	Sliding nut (slot nut)	225 099	512	Cap screwM6x10	023 690



11.2 Starting device

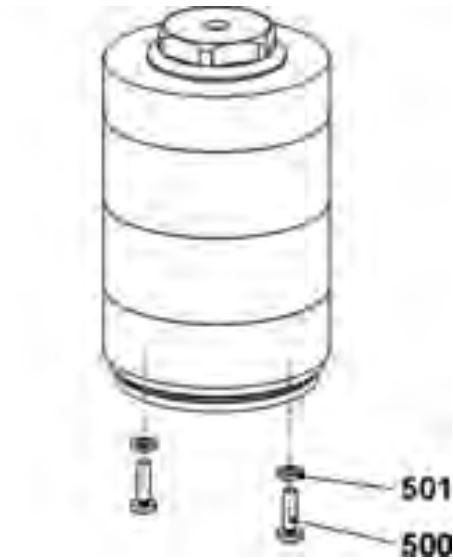
11.2.1 Bearing of the engaging rod

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



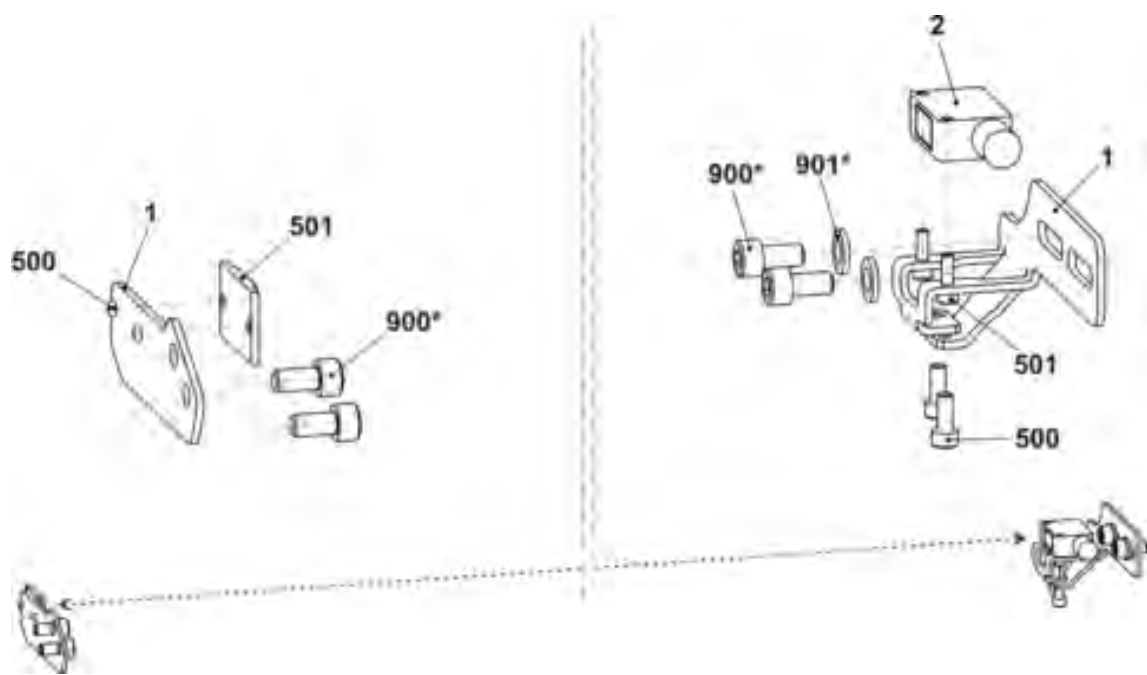
11.3 Signal light

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



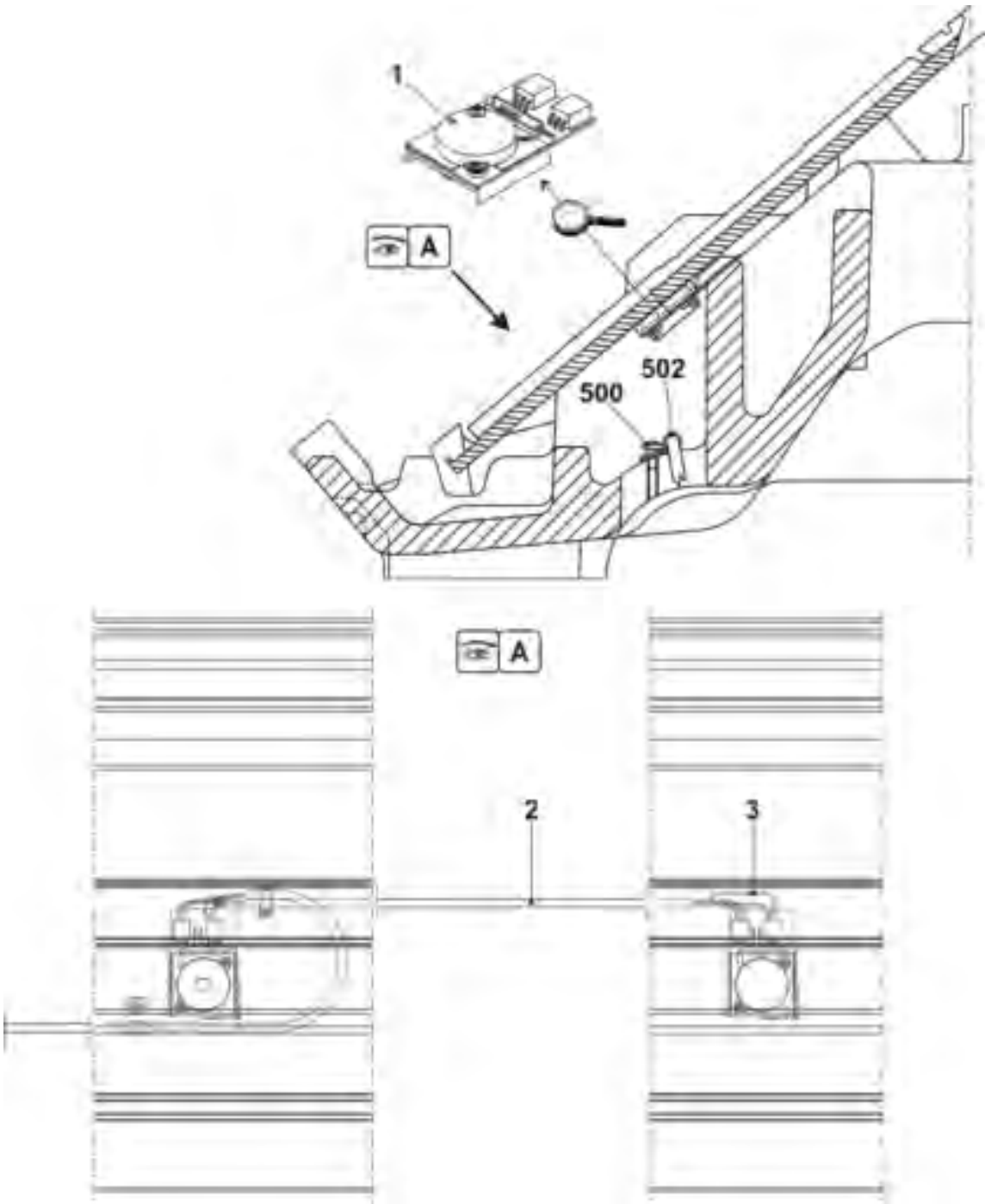
11.4 Collecting area - control

Pos	Designation	Id		Pos	Designation	Id
Σ	Reflector complete	256 826		Σ	Holding angle light barrier	257 409
1	Mounting plate reflector	256 675		1	Holding angle	256 806
500	Blind rivet A3x8-Al	023 158		2	Light barrier W100-P4330	243 355
501	Reflector 20x20 mm	243 356		500	Cap screwM4x10	023 136
900*	Cap screwM6x12	020 134		501	Cap screwM3x10	022 991
				900*	Cap screwM6x12	020 134
				901*	Washer6	020 872



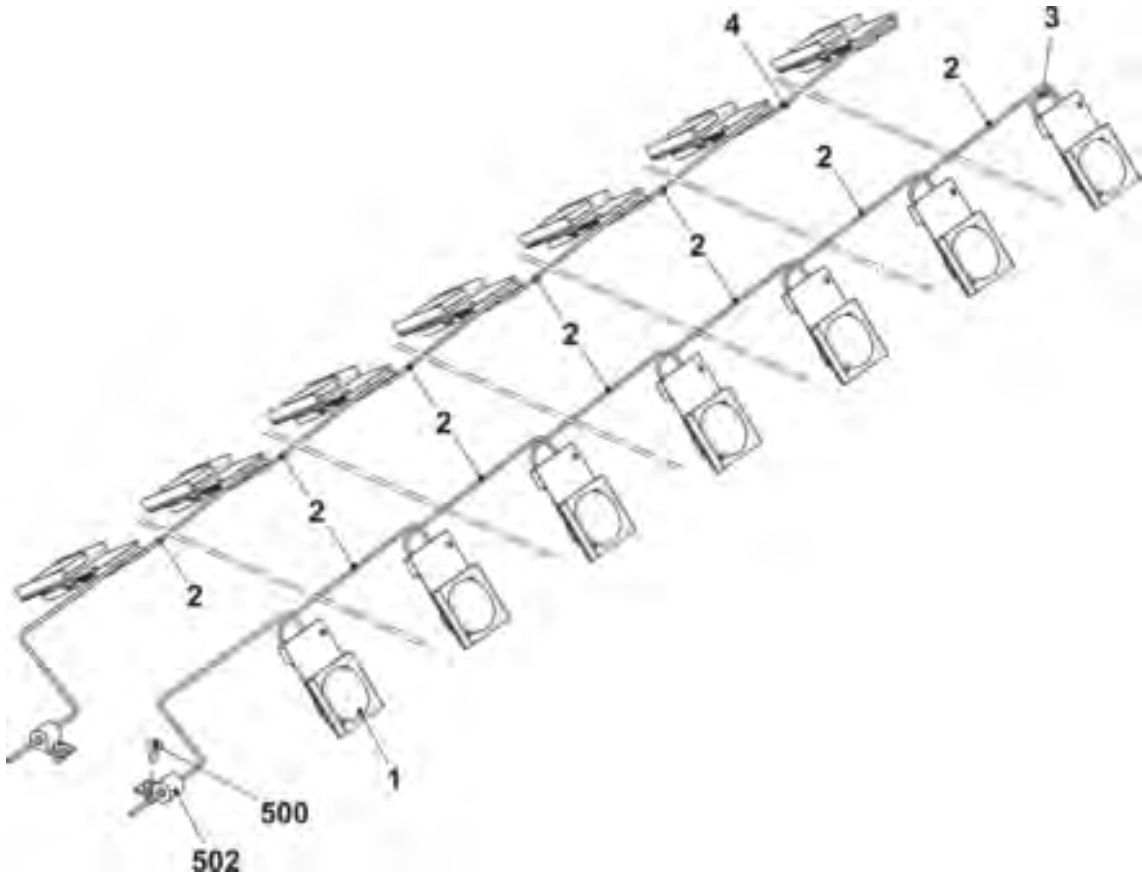
11.5 Shock stop motion
E10|E12|E14|E6.2|E7.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete E3	223 947		3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011		500	Pan-head screwM4x8	023 036
2	Connecting cable piezo sensor	220 061		502	Cable clip N-3B, 5 mm	210 729



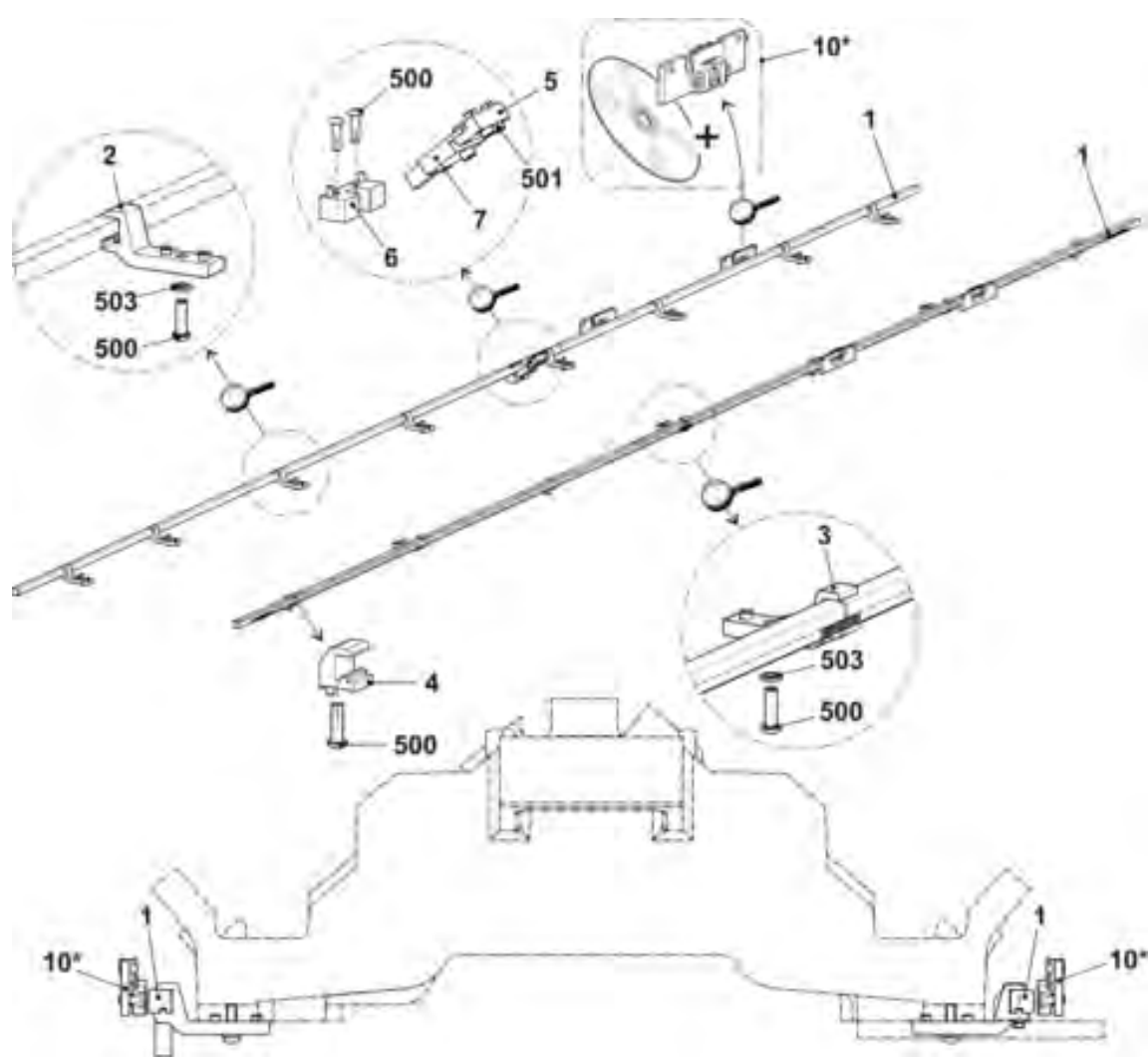
11.6 Shock stop motion E16 | E18 | E8.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete E16-18	250 386				
1	Shock stop motion (Piezo)	220 011		4	Cable connection piezo	250 292
2	Cable connection piezo	250 293		500	Pan-head screwM4x8	023 036
3	End plug piezo sensor	220 053		502	Cable clip N-3B, 5 mm	210 729



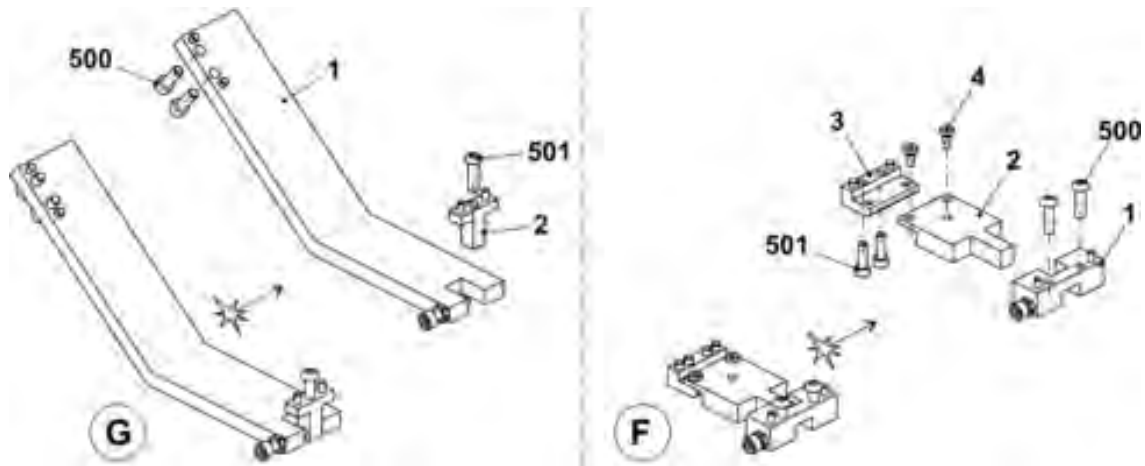
11.7 Measuring device

Pos	Designation	Id		Pos	Designation	Id
Σ	Measuring device					
1	Measuring bar	258 308		7	Plunger	244 536
2	Guide	212 210		8	Shoulder screw	209 790
3	Guide	240 672		10*	Spare parts package impulse sensor GLM	259 613
4	Clamp	212 203		500	Pan-head screw M6x20	241 603
5	Stop point	244 537		501	Cap screw M5x16	022 726
6	Bearing fork	244 535		503	Washer6	020 881



11.8 Connection measuring bar

Pos	Designation	ID		Pos	Designation	ID
ΣG	Connection measuring bar coarse (E10)	244 606		ΣF	Connection measuring bar fine (E12 E14 E16 E18 E5.2 E6.2 E7.2 E8.2 mg E6.2(12m.10)	244 608
1	Bearing fork	240 689		1	Bearing fork	244 535
2	Stop point	209 289		2	Plunger	244 536
500	Cap screwM6x16	020 135		3	Stop point	244 537
501	Pan-head screwM6x20	241 603		4	Shoulder screw	209 790
				500	Pan-head screwM6x20	241 603
				501	Cap screwM5x16	022 726



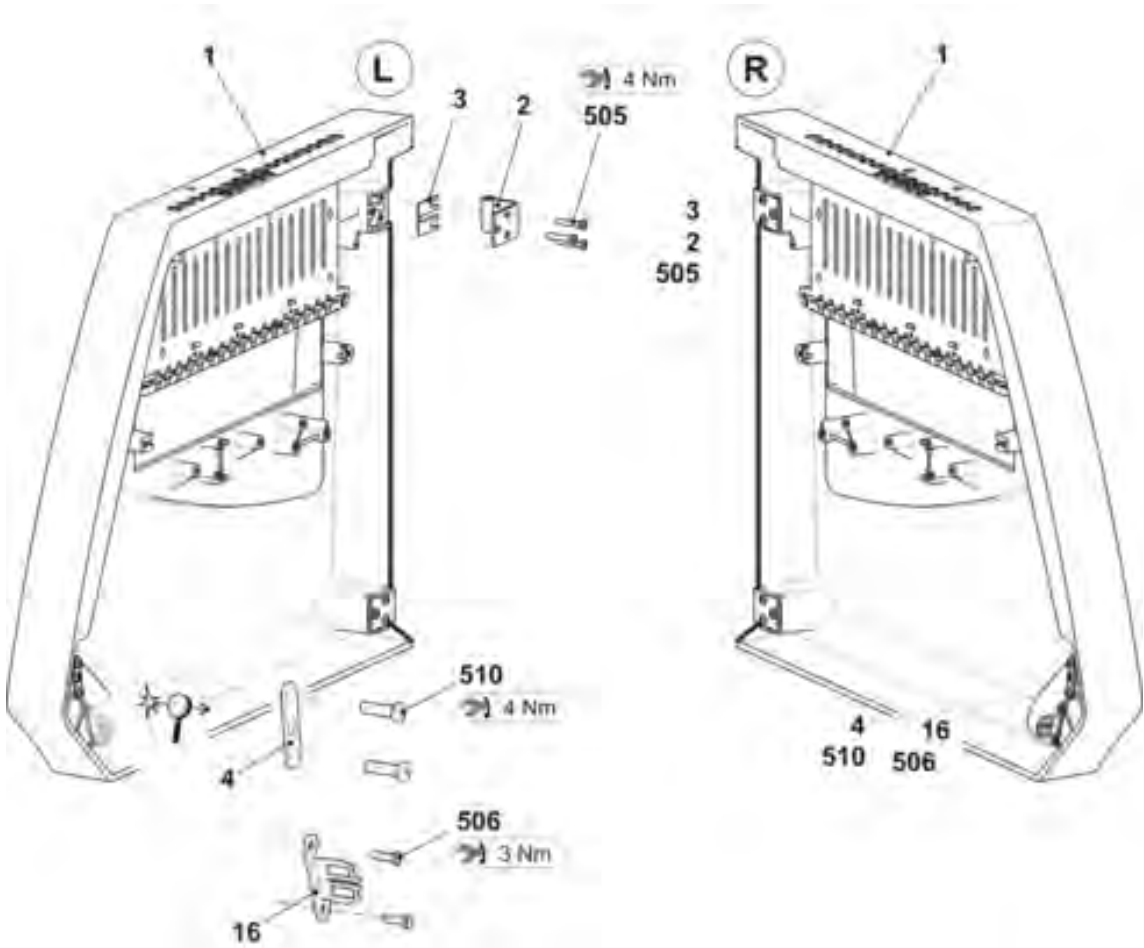
12 Protective devices



12.1 Lateral safety doors

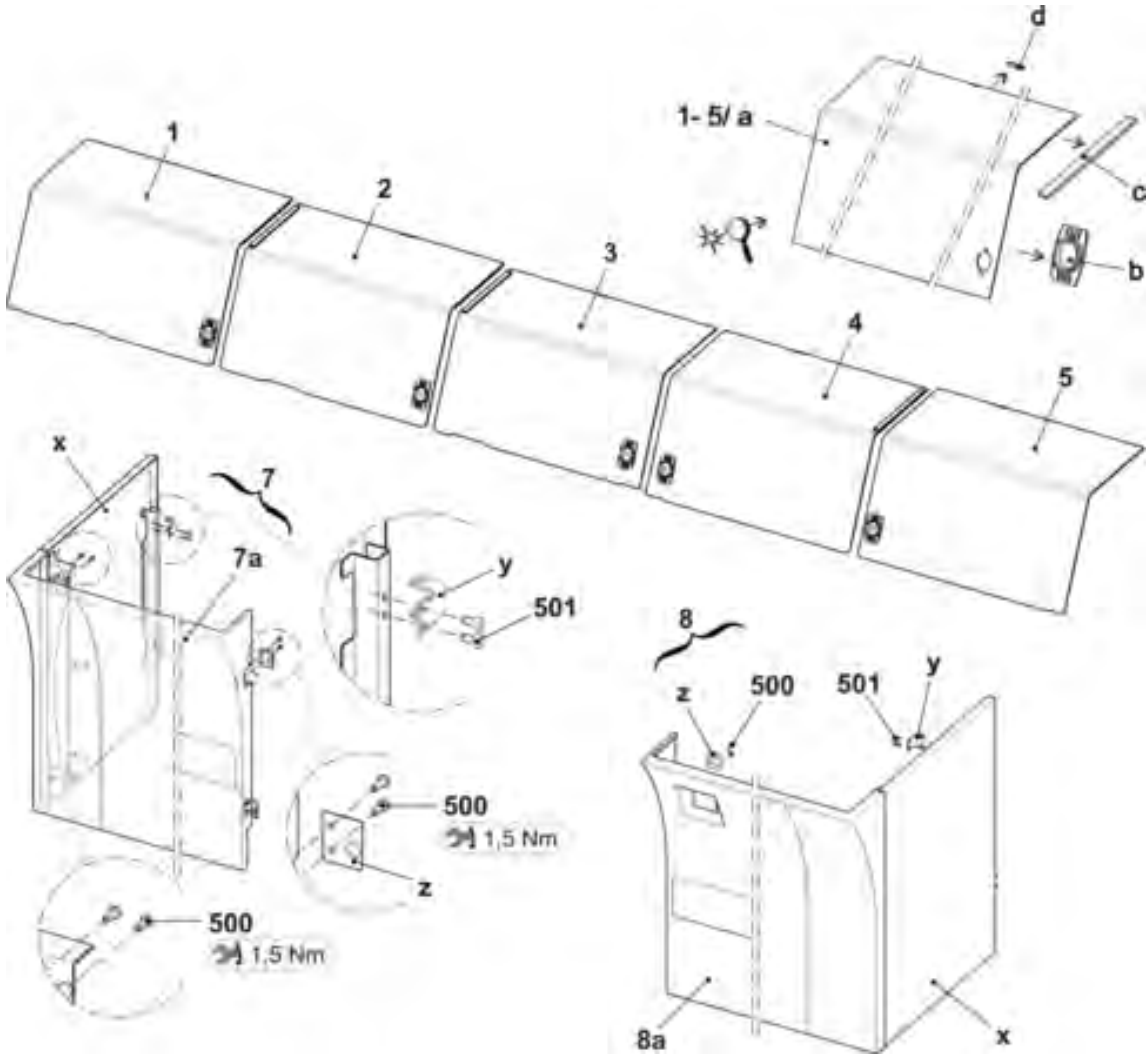
12.1 Lateral safety doors

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



12.2 Panelling

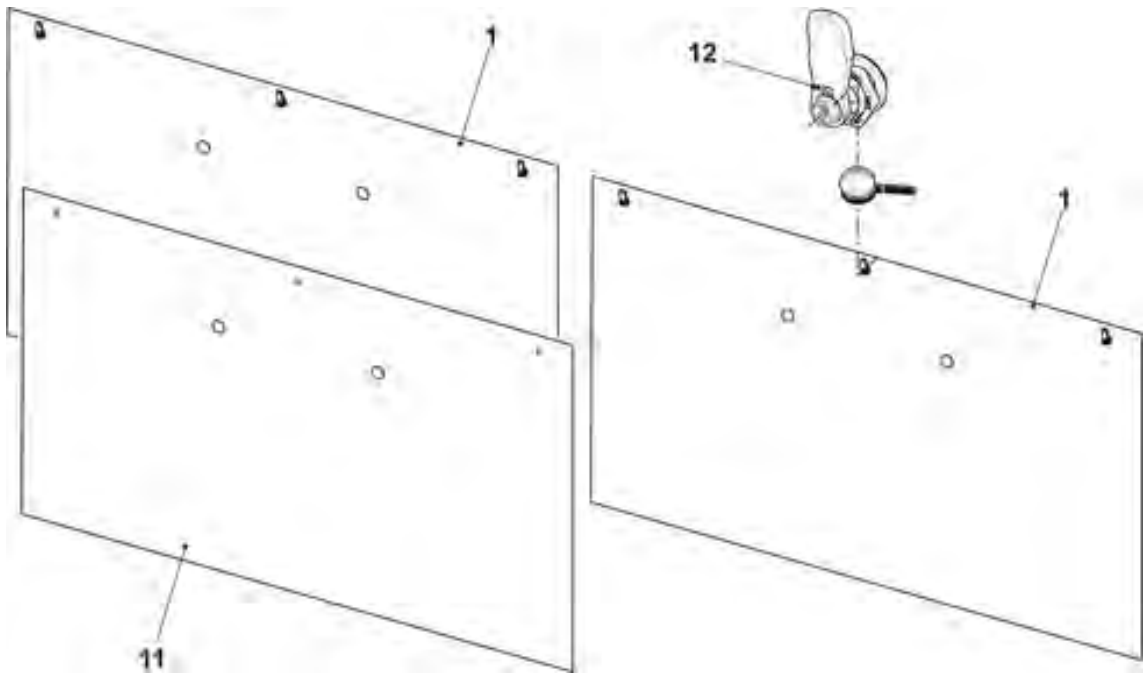
Pos	Designation		Id		Pos	Designation		Id	
1	Cover 1 (complete)		257 532		1-5	b	Inlet type handle	251 376	
	1a	Cover 1	257 527			c	Stripper	219 393	
2	Cover 2 (complete)		257 533			d	Magnet	255 129	
	2a	Cover 2	257 528		7	Control unit panelling on the left complete		251 237	
3	Cover 3 (complete)		257 534			7a	Control unit panelling on the left	251 190	
	3a	Cover 3	257 529		8	Control unit panelling on the right complete		251 238	
4	Cover 4 (complete)		257 535			8a	Control unit panelling on the right	251 191	
	4a	Cover 4	257 530		7-8	x	Side part	244 989	
5	Cover 5 (complete)		257 536			y	Hinge	250 273	
	5a	Cover 5	257 531			z	Bracket	240 412	
						500	Screw KB 50x12		240 359
						501	Cap screw M6x16		020 135



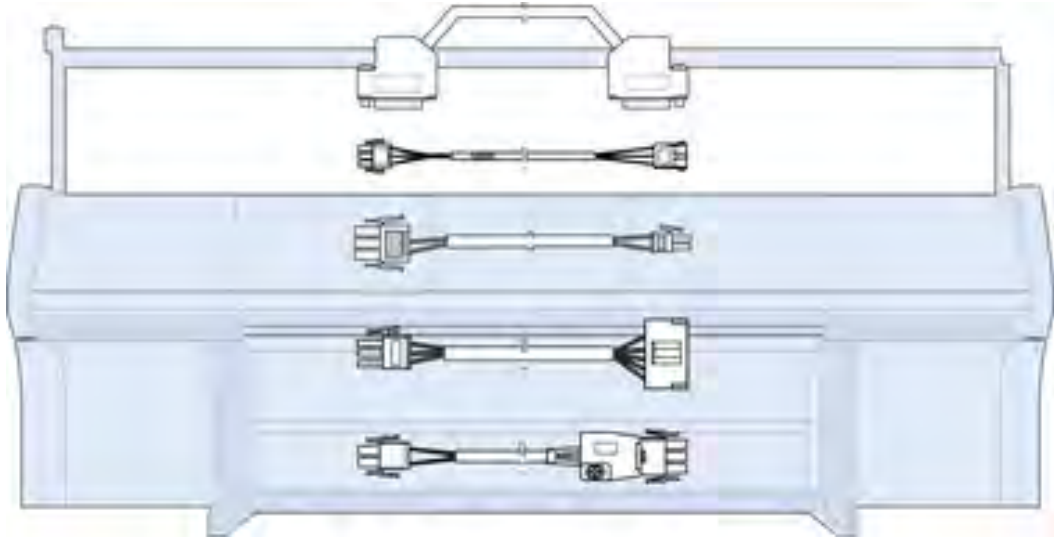
12.3 Rear panel

12.3 Rear panel

Pos	Designation	Id		Pos	Designation	Id
1	Panelling at the rear complete	257 670		11	Panelling	257 664
				12	Safety sash fastener	243 052



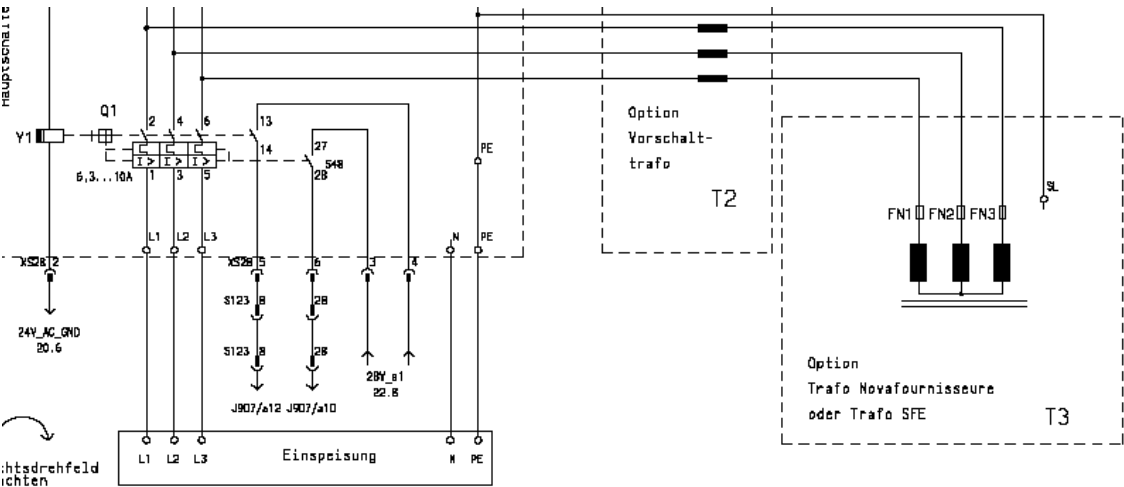
13 Electrical equipment



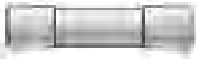
13.1 Circuit diagram (221) as PDF

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

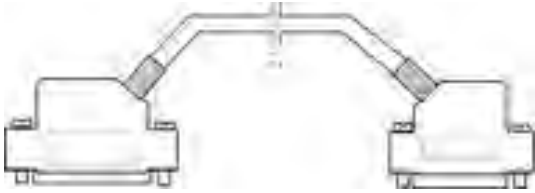
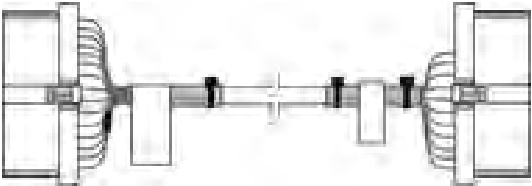
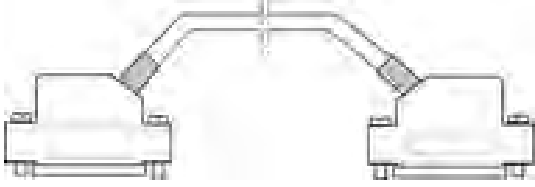
You will find the circuit diagram 221 on the CMS documentation DVD with the ID no.: 257 157



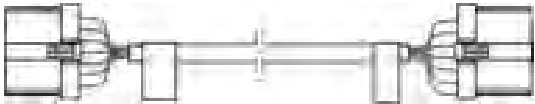
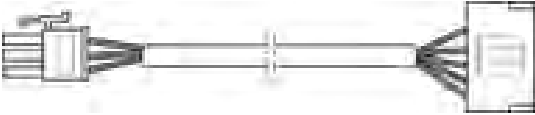
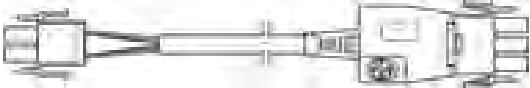
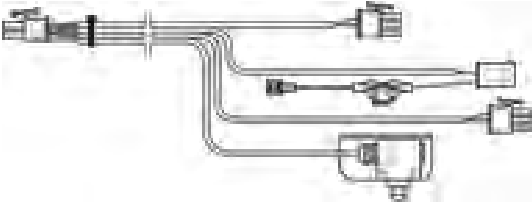
13.2 Fuses

	Designation	Id
	Fuse 1,0A F 5x20	008 748
	Fuse 3,15A T/440V 6,3x32	025 261
	Fuse 10A T/440V 6,3x32Fuse	025 258
	Fuse 2,5A T/440V 6,3x32	217 465
	Fuse 1,6A T/440V 6,3x32	236 229
	Fuse 6,3A T/440V 6,3x32	026 809
	Fuse 8A T/440V 6,3x32Fuse	241 866
	Fuse 12,5A T/440V 6,3x32	232 367

13.3 Trailing cable

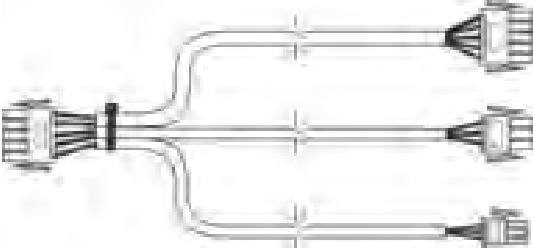
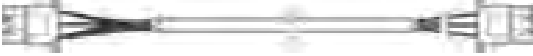
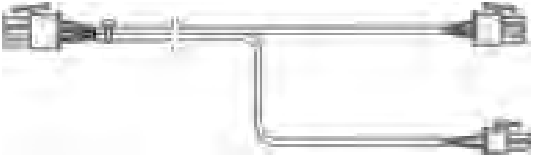
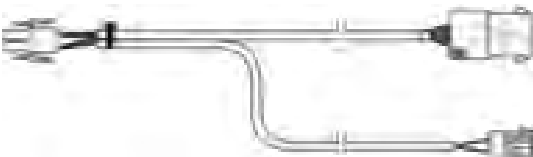
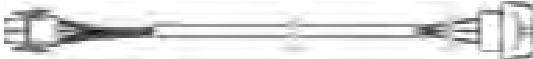
Designation	Id		Designation	Id
Σ Trailing cable set OKC 822 2IMP-2	259 304			
Cable impulse sensor 2 at the rear on the left XL138	259 367		Cable SM rear left XL321	255 195
Cable impulse sensor 2 at the front on the left XL139	259 368		Cable SM front left XL323	255 197
Cable impulse sensor 2 at the rear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

13.4 Cable

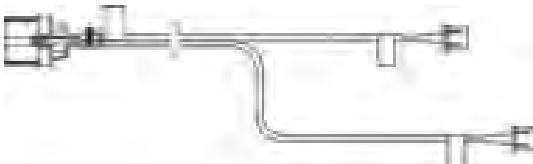
Designation	Id	Designation	Id
Cable Engaging rod OKC	240 289	Cable supply FKE lamp OKC	240 290
			
Cable protective device on the left OKC	253 442	Cable motor HIAB OKC	240 291
			
Cable racking limit switch OKC	240 292	Cable fan drive OKC	240 293
			
Cable Feed wheel on the right OKC	240 294	Cable drive motor OKC	240 295
Cable feed wheel on the left 84" OKC	240 466	Cable racking motor OKC	240 297
			
Cable resolver drive OKC	240 296	Cable protective device on the right OKC	253 441
Cable resolver racking OKC	240 298		
		Cable Electro 84" OKC	240 463
Cable CAN 84"	240 461		
			

13.5 Continuation of cable I

13.5 Continuation of cable I

Designation	Id	Designation	Id
Cable motor HIAB 84" OKC	242 226	Cable switch HIAB 84" OKC	242 227
			
Cable power supply WAZ/F 84" OKC	240 471	Cable power supply servo 84"	240 504
			
Cable power supply unit of mains supply OKC	240 505	Cable power supply lighting 84" OKC	240 507
			
Cable motor HAAB OEF/S 84"	242 228	Cable switch HAOS 84" OKC	242 229
			
Cable switch HIAB OKC	240 593	Cable motor HIAB OKC	240 592
			
Cable power supply FLENT 84" OKC	251 243	Cable motor comb hookOKC	240 308
			

13.6 Continuation of cable II

Designation	Id		Designation	Id	
Cable switch KAHA OKC	240 309		Cable motor combOKC	240 310	
					
Cable switch comb OKC	240 311		Cable switch HAAB OKC 240 312		
					
Cable piezo NB OKC	240 518				
					

13.6 Continuation of cable II

Notes:

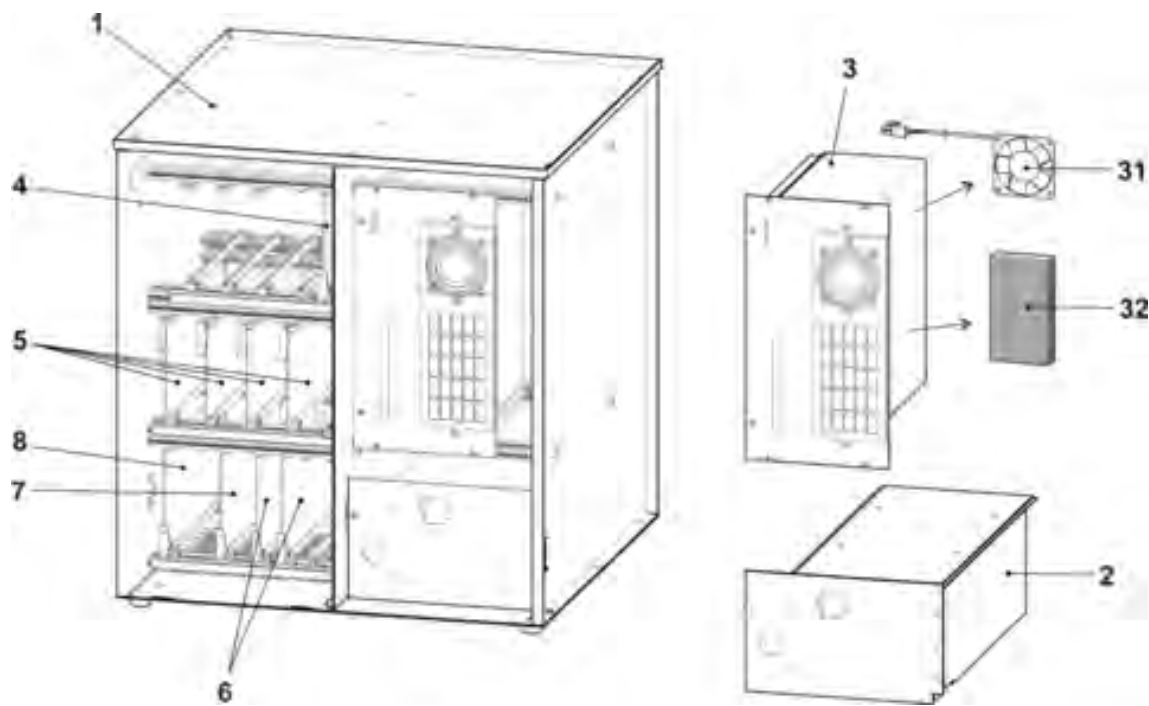
14 Control electronics



14.1 Left control cabinet

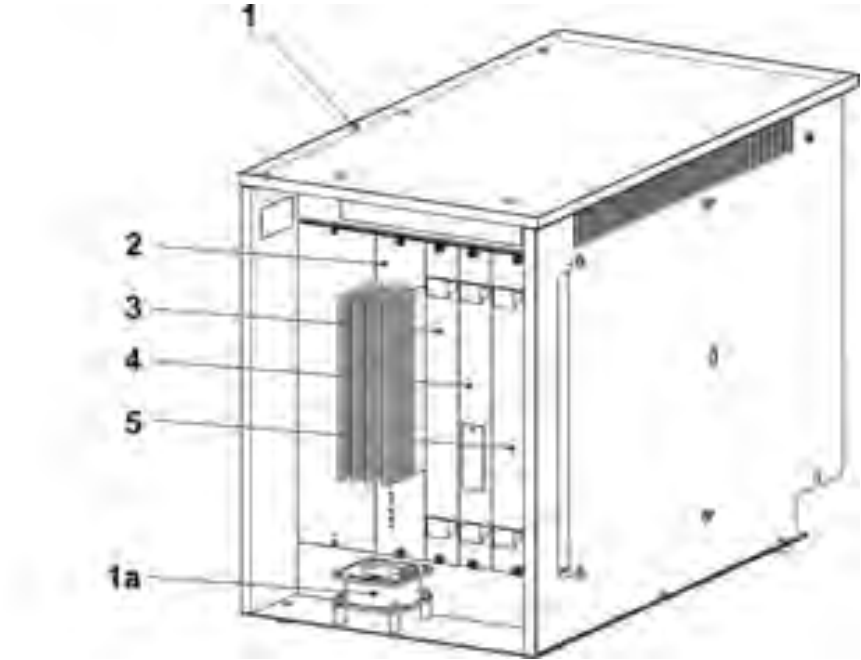
14.1 Left control cabinet

Pos	Designation	Id		Pos	Designation	Id
Σ	Control unit on the left complete 822 5/6 inch	254 866				
1	Control unit on the left without any equipment	254 868		4	Card battery OKC	300 951
2	Battery plug-in unit	300 924		5	Card final stages 4SM 7TE	300 943
3	Power supply unit CG54	300 923		6	Card N-CPU 432	300 965
	31 Fan power supply unit	239 305		7	Card Power CPU B	301 009
	32 Filtermatte CG54	239 350		8	Card IPC P8X B	301 010



14.2 Right control cabinet

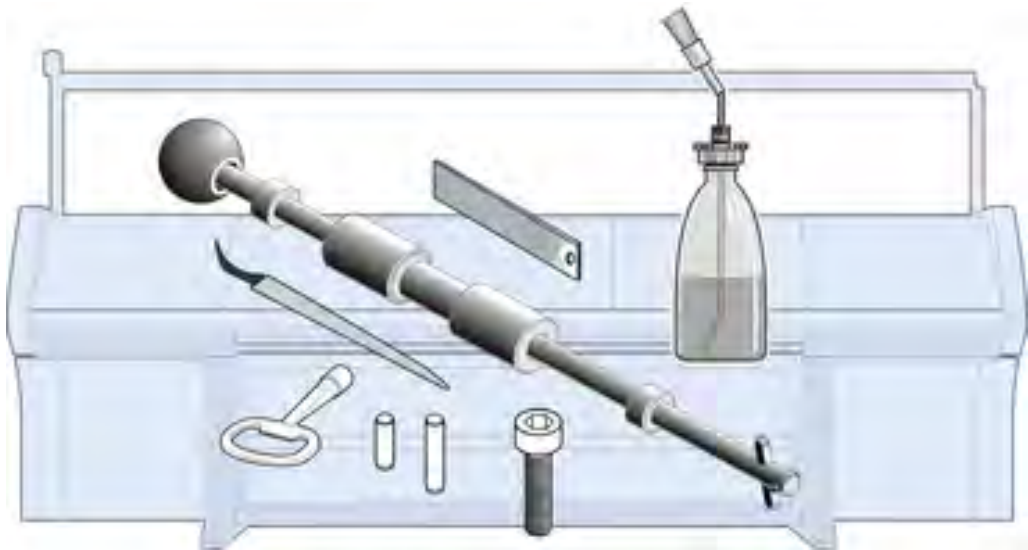
Pos	Designation	Id		Pos	Designation	Id
Σ	Control unit on the right complete OKC	238 738				
1	Control unit on the left without any equipment	238 737		3	Card relay okc	300 953
1a	Axial flow fan Servo 5	229 059		4	Card CWAZ	300 929
2	Card Servo 6	301 000		5	Capacitor card CWAZ	300 936



14.2 Right control cabinet

Notes:

15 Deliverable accessories



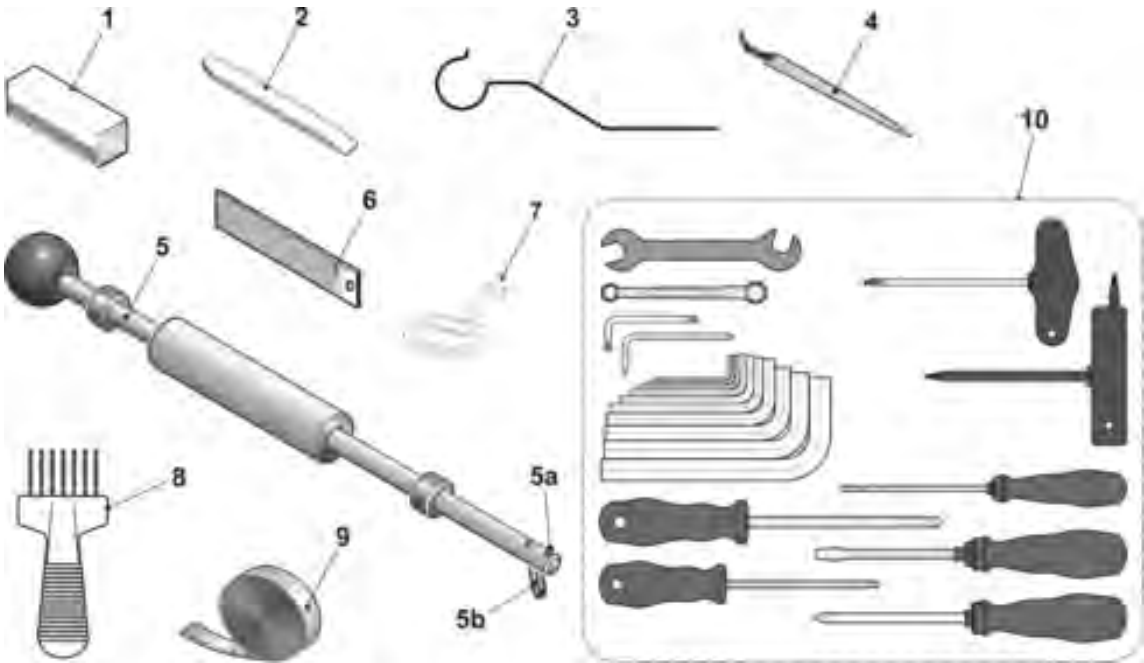
15.1 Fuses

15.1 Fuses

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

15.2 Tool

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



15.3 Lubricating stuff

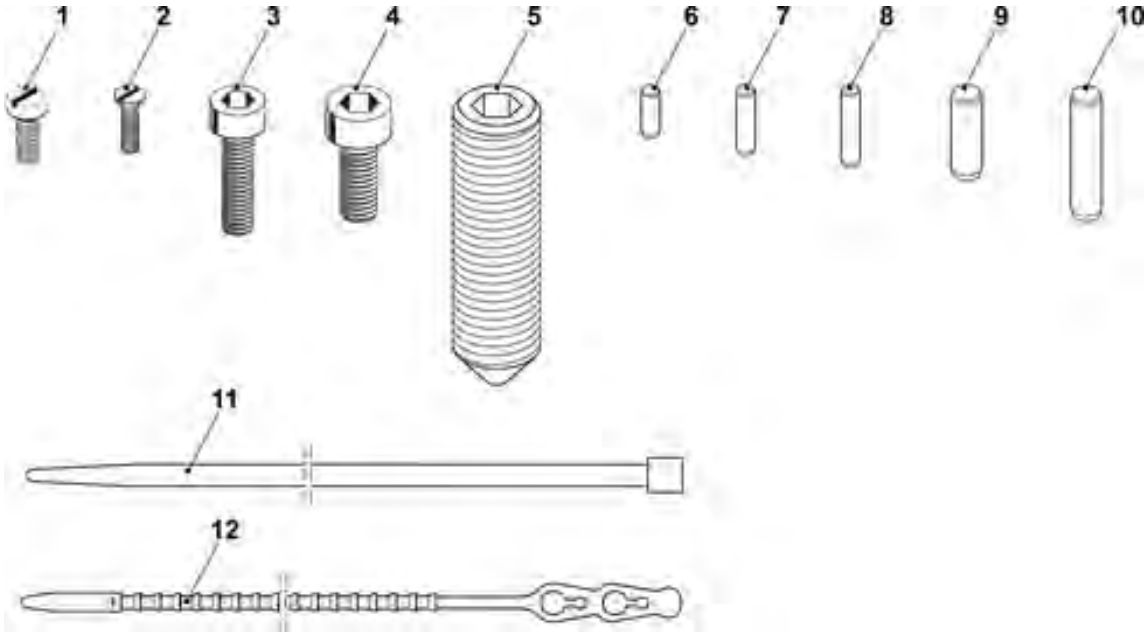
15.3 Lubricating stuff

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



15.4 Mechanical parts

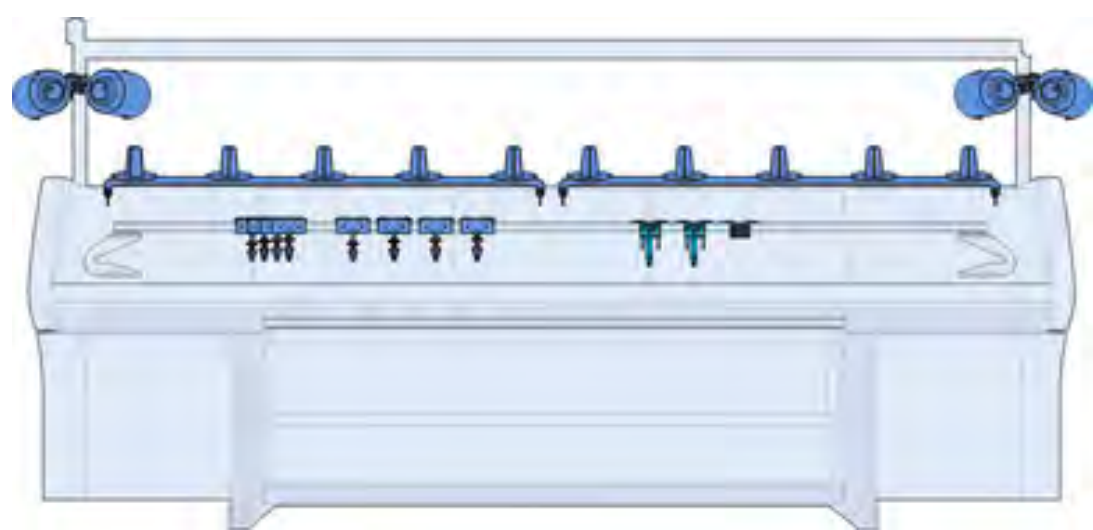
Pos	Designation	Id		Pos	Designation	Id
1	Cap screw M4x8	020 091		11	Cut cable 203x3,6mm	025 815
2	Countersunk screw M3x6	020 286			Cut cable T50L	026 294
3	Cap screw M5x16	022 726			Cut cable 140x3,6mm	008 379
4	Cap screw M6x14	022 658			Cut cable 302x4,8mm	008 642
5	Setscrew M16x50	023 235			Cut cable 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				



15.4 Mechanical parts

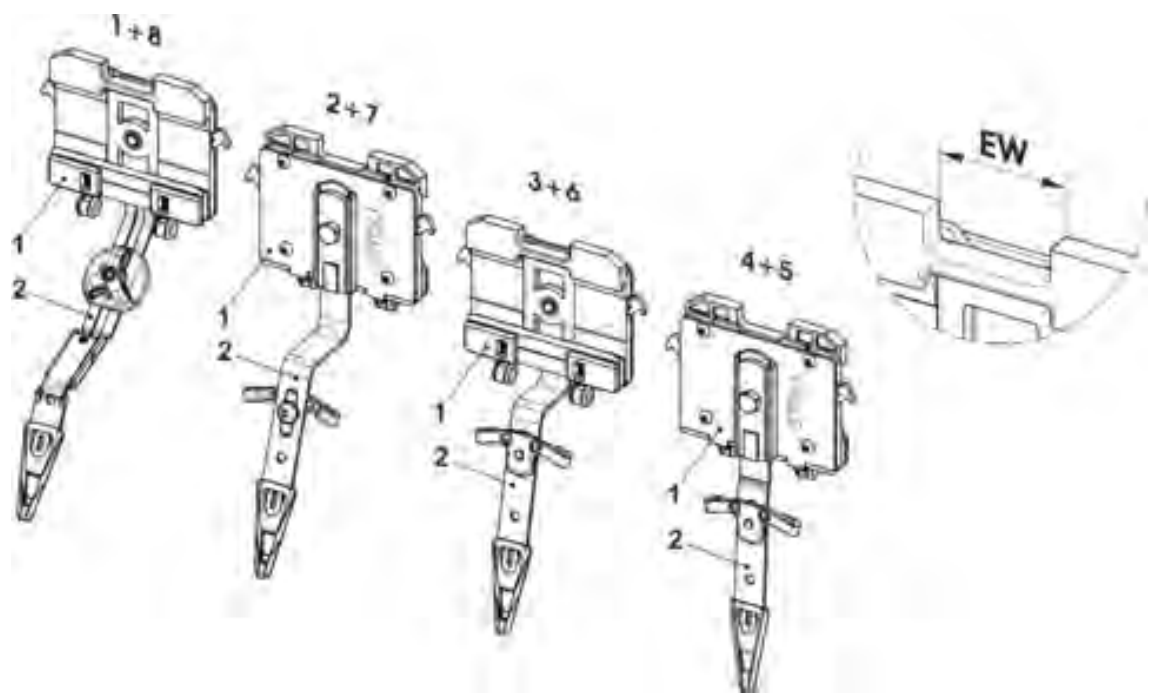
Notes:

16 Special attachments



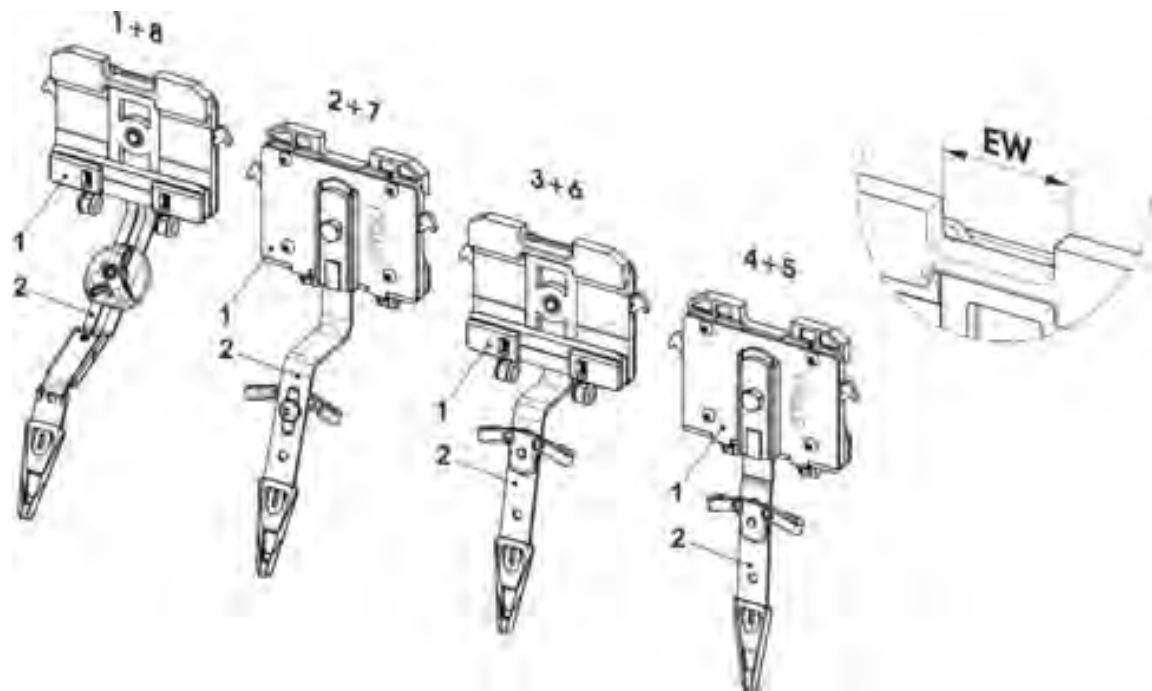
16.1 Yarn carrier type 2, E10 | 12 | E14 | E7.2 | E8.2 | E9.2

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



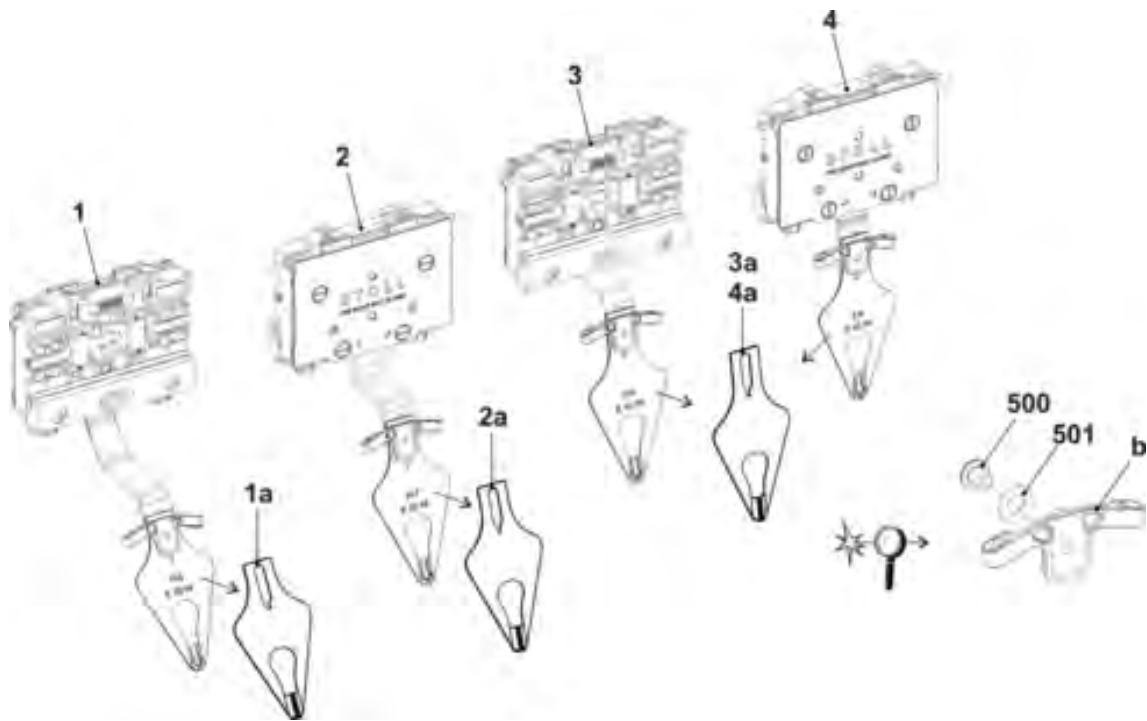
16.2 Yarn carrier type 2, E16 | E18

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



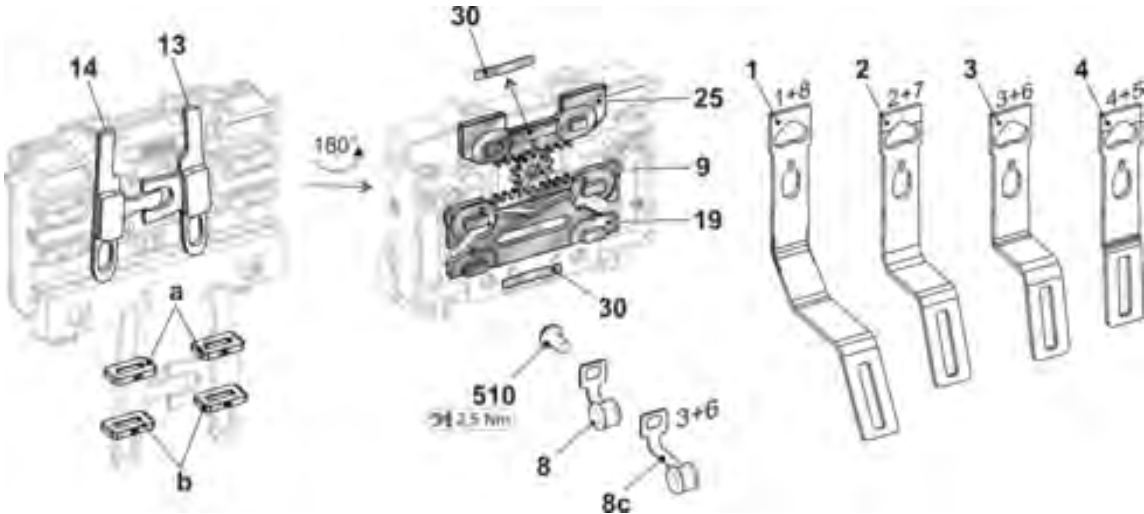
16.3 Intarsia yarn carrier type 2, Overview

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



16.3.1 Continuation Intarsia yarn carrier type 2

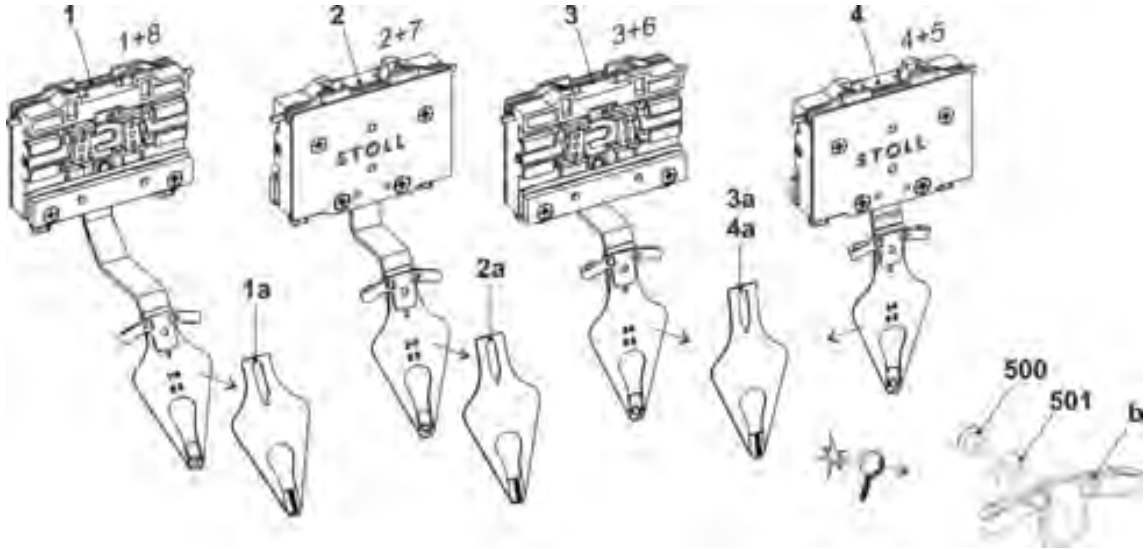
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	259 728		1	FF bow 1+8	259 719
	IFF carriage 2+7	259 729		2	FF bow 2+7	259 720
	IFF carriage 3+6	259 730		3	FF bow 3+6	259 721
	IFF carriage 4+5	259 731		4	FF bow 4+5	259 722
8	Eyelet holder complete	260 702		a	Pressure plate 2,02 H	262 433
8c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



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

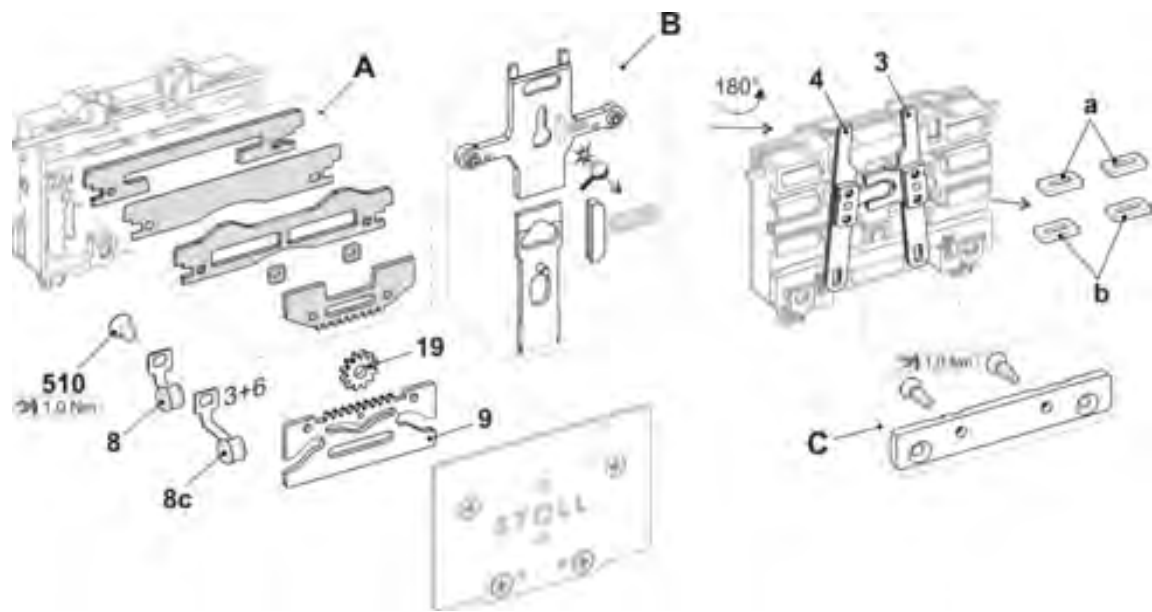
16.4 Intarsia yarn carrier type 2, Overview(Scope of delivery until 09/2011)

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



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

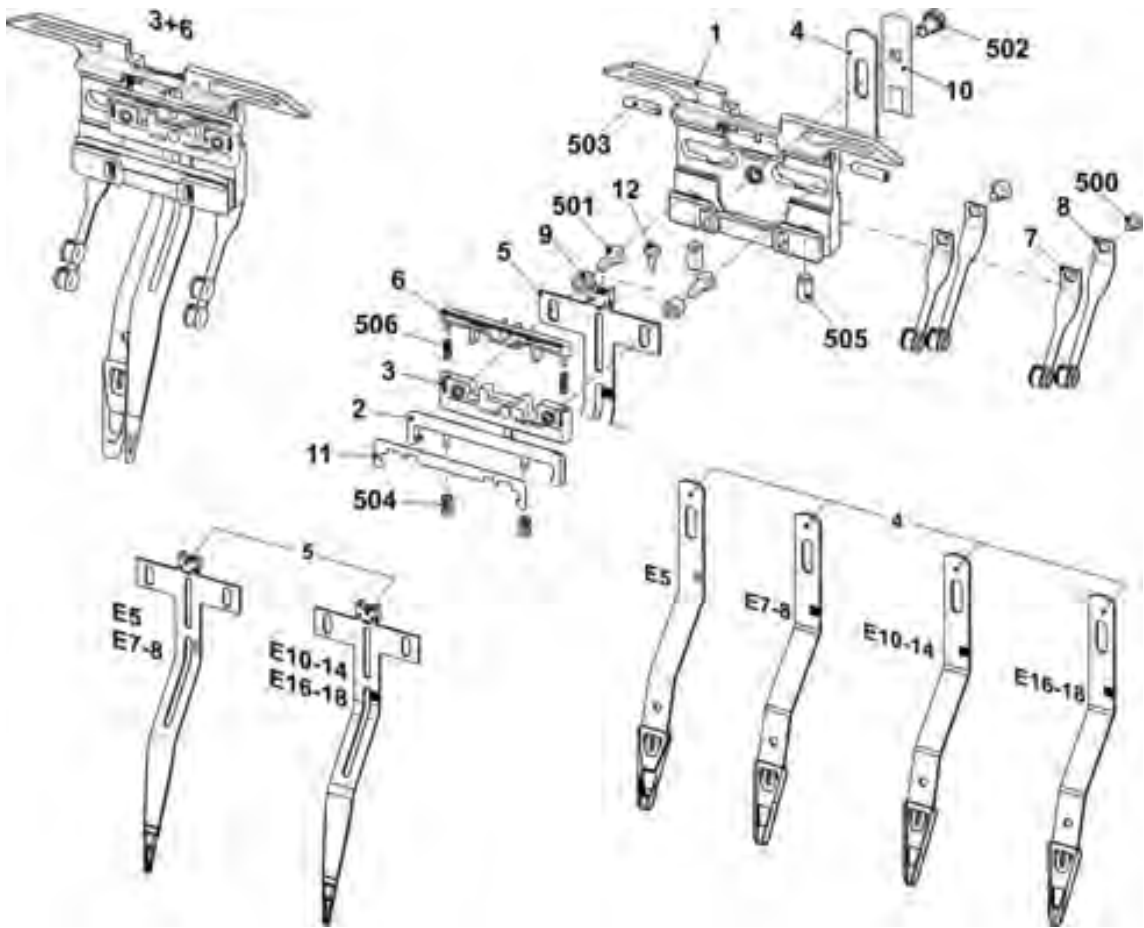
Pos	Designation	Id		Pos	Designation	Id
Σ	IFF carriage 1+8	250 315		A	Spare parts package IFF sliding block	263 585
	IFF carriage 2+7	250 316		B	Spare parts package IFF 1+8	263 580
	IFF carriage3+6	250 317			Spare parts package IFF 2+7	263 581
	IFF carriage4+5	250 318			Spare parts package IFF 3+6	263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



16.5 Plating yarn carrier 3+6

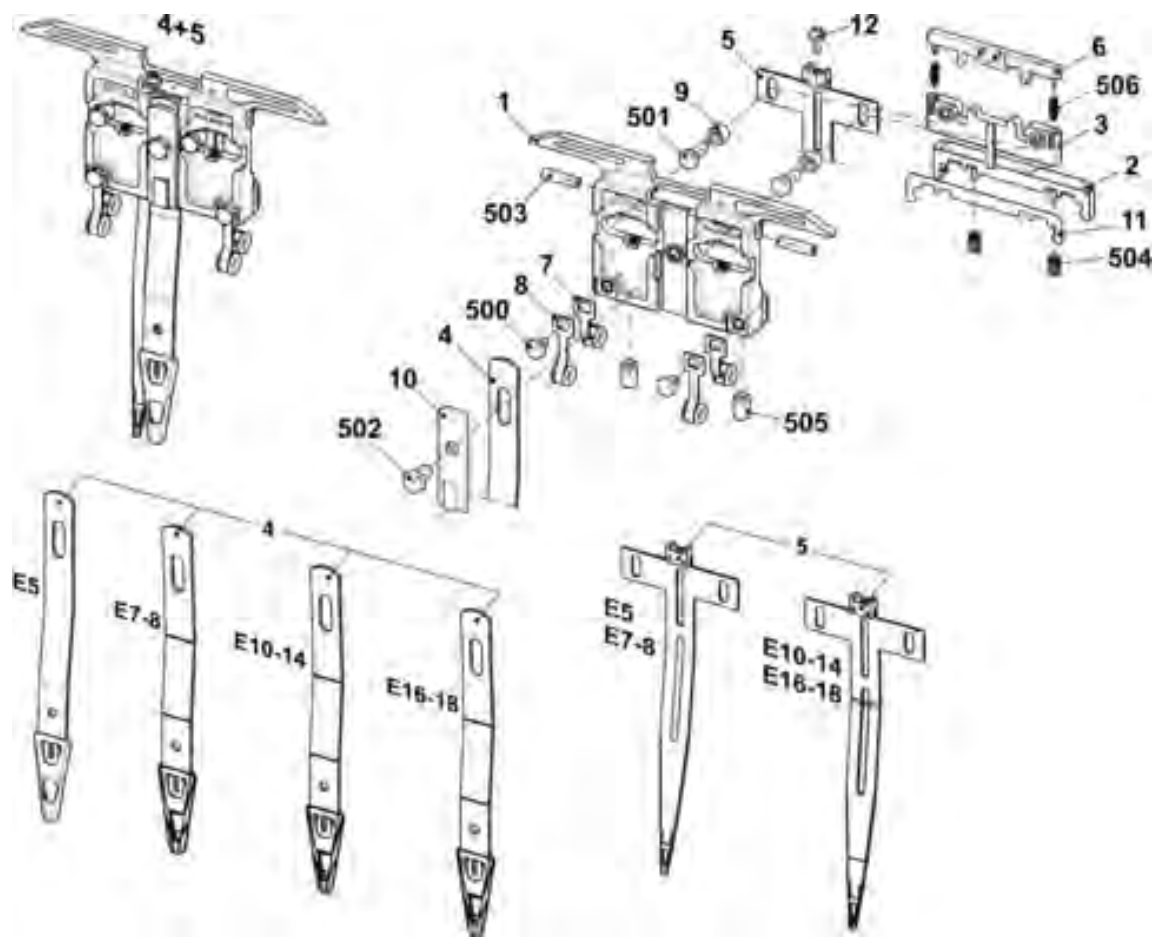
16.5 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete				
	E6.2	252 784	7	Eyelet holder complete	252 825
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 786	8	Eyelet holder complete	252 824
	E16 E18	252 788	9	Distance bushing	252 796
1	Plating yarn carrier carriage	252 806	10	Shim	213 035
2	Sliding piece	212 583	11	Shim	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6 complete		500	Hexagon screwM4x5	243 779
	E6.2	252 821	501	Hexagon screwM4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 822	502	Hexagon screw	252 832
	E16 E18	252 823	503	Setscrew M4x16	254 196
5	Plating yarn carrier bow 3+6 E6.2	252 800	504	Compression spring	021 399
	Plating yarn carrier bow 3+6 E10-E18	252 808	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058



16.6 Plating yarn carrier 4+5

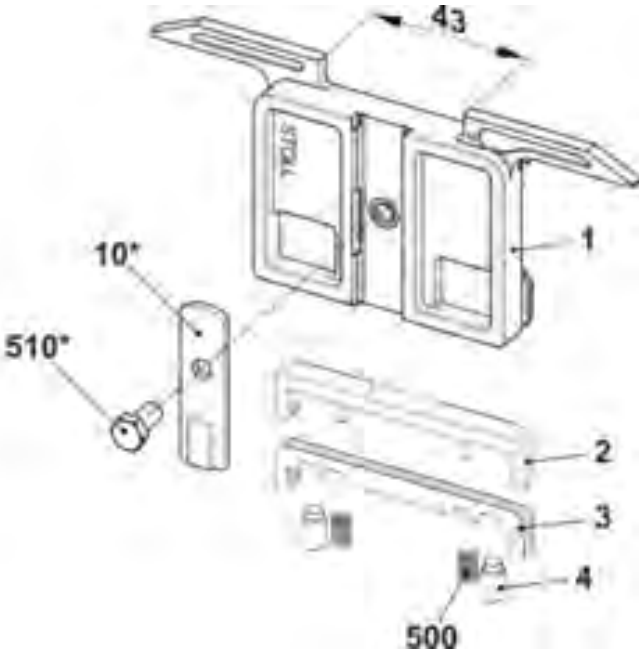
Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete				
	E6.2	252 783	7	Eyelet holder complete	252 815
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 785	8	Eyelet holder complete	252 816
	E16 E18	252 787	9	Distance bushing	252 796
1	Plating yarn carrier carriage	252 806	10	Shim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



16.7 Carriage of plating yarn carrier EW43

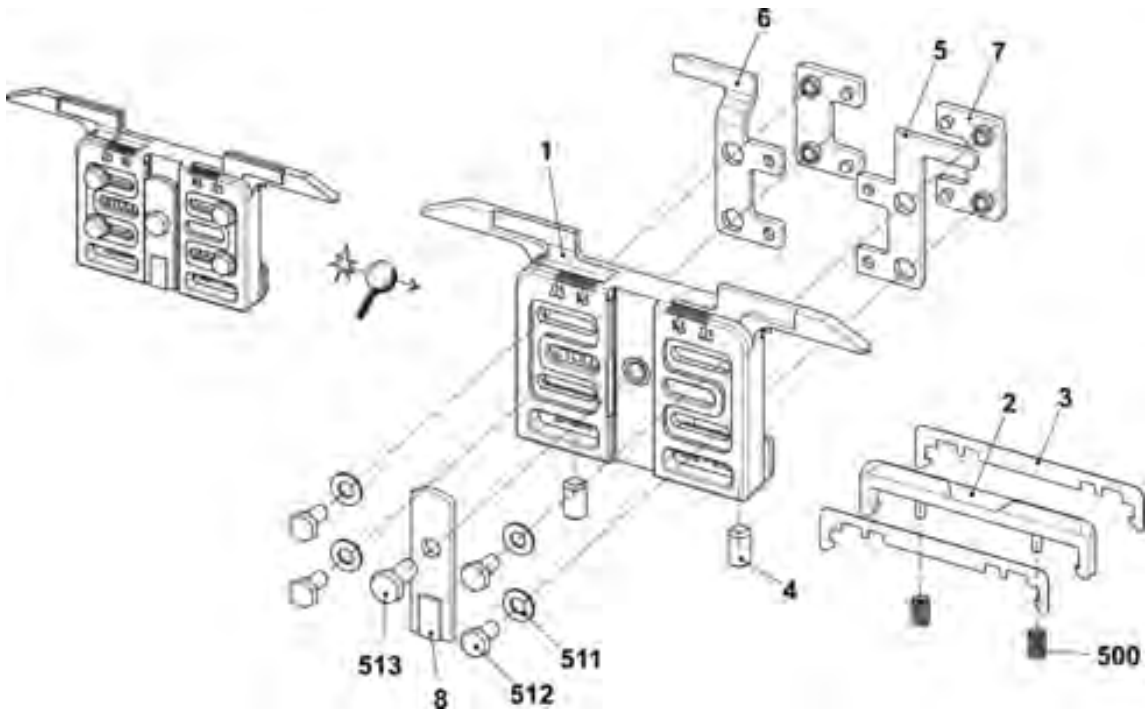
16.7 Carriage of plating yarn carrier EW43

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



16.8 Carriage of plating yarn carrier (adjustable)

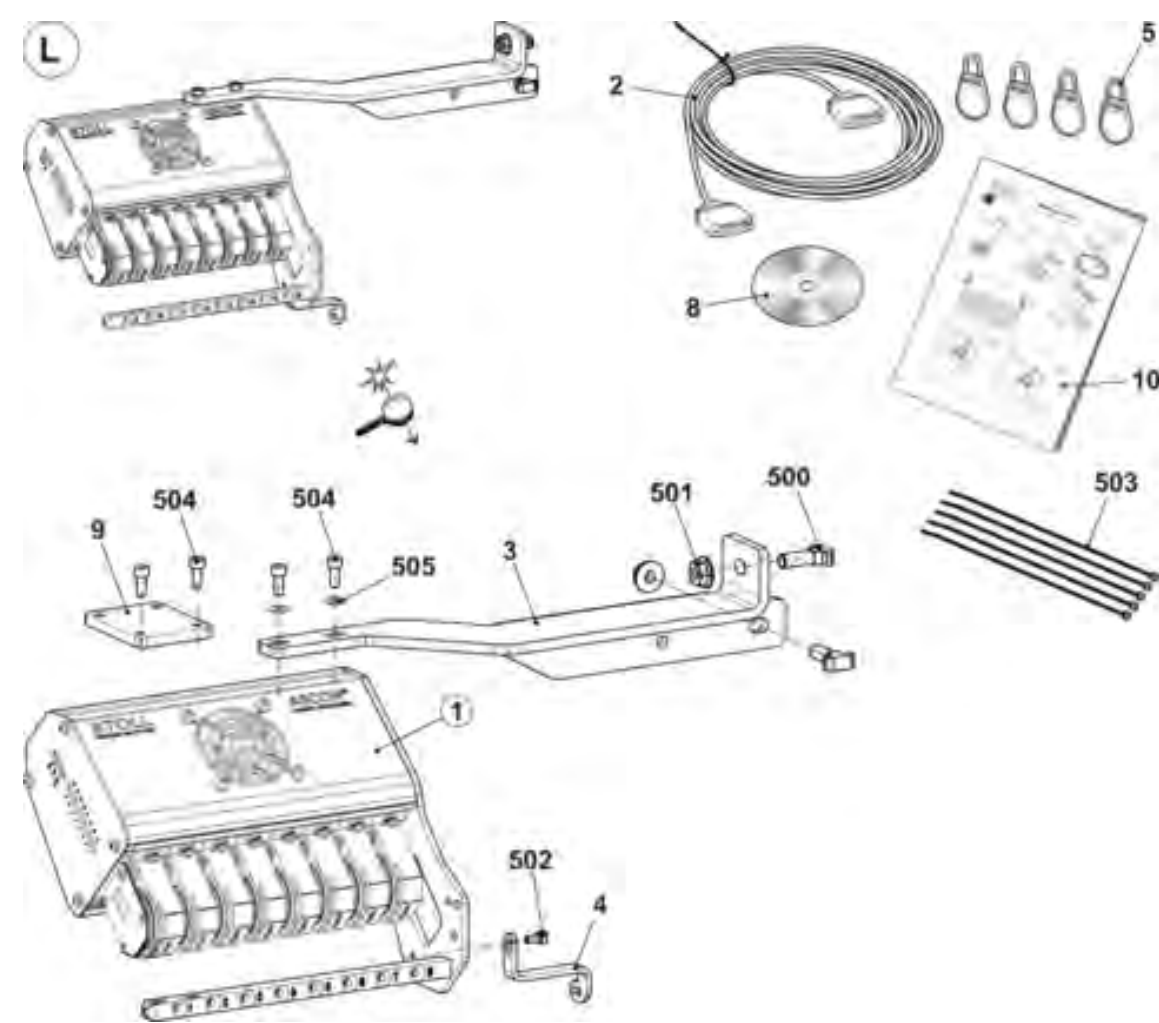
Pos	Designation	Id		Pos	Designation	Id
Σ	Plating yarn carrier carriage complete	251 867				
1	Carriage of yarn carrier	251 864		7	Guide part	253 226
2	Sliding piece	212 583		8	Shim	213 035
3	Shim	216 143		500	Compression spring	021 399
4	Threaded bolt	213 399		511	Washer4	022 481
5	Insert on the right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



16.9 Yarn length measuring device on the left complete

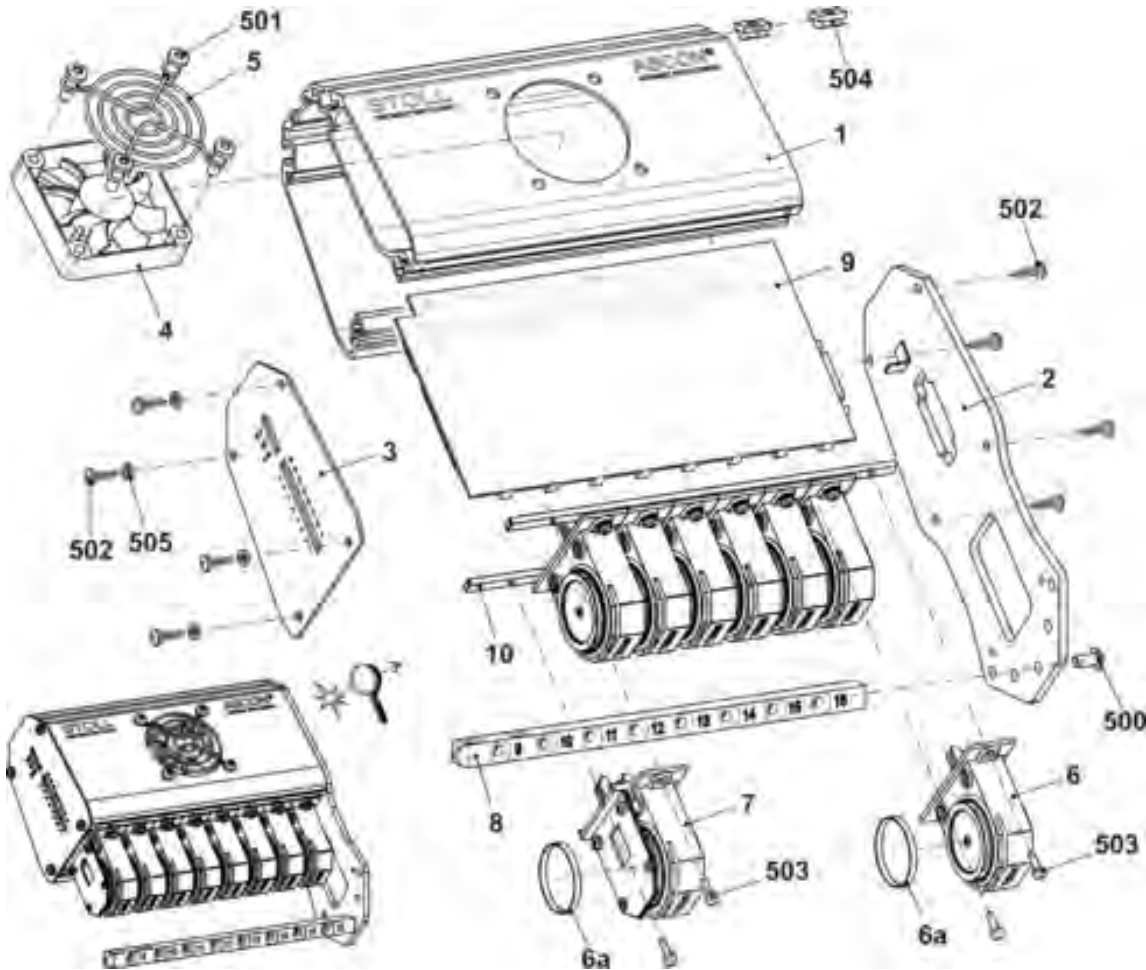
16.9 Yarn length measuring device on the left complete

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



16.9.1 Yarn length measuring device

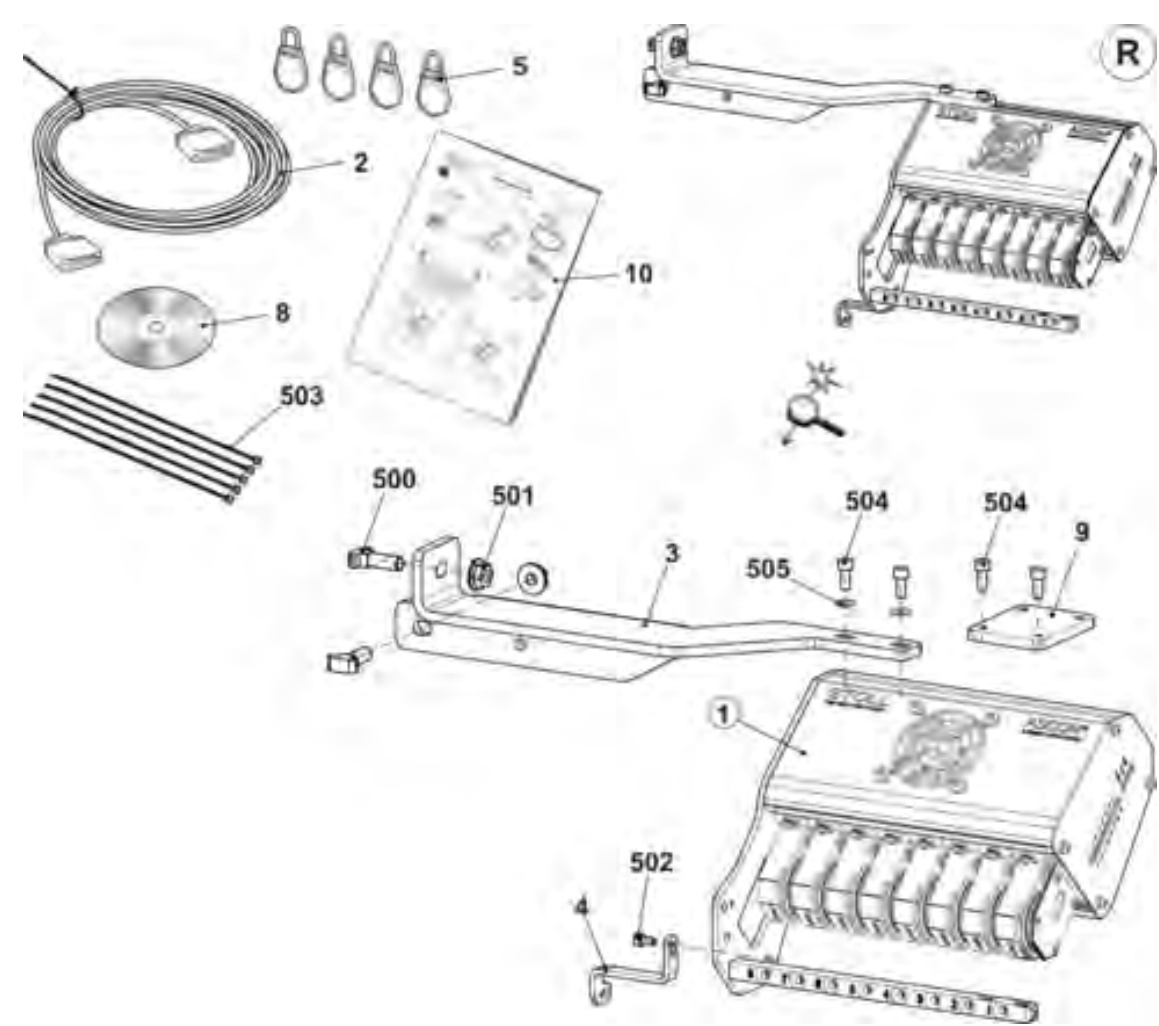
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	257 283		8	Yarn guide rod	257 139
1	Housing	257 281		9	Card Ascon	255 000
2	Support	257 278		10	Threaded strip	257 138
3	Cover	257 273		500	Pan-head screw M5x10	023 247
4	Fan with plug	257 048		501	Screw 50x15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



16.10 Yarn length measuring device on the right complete

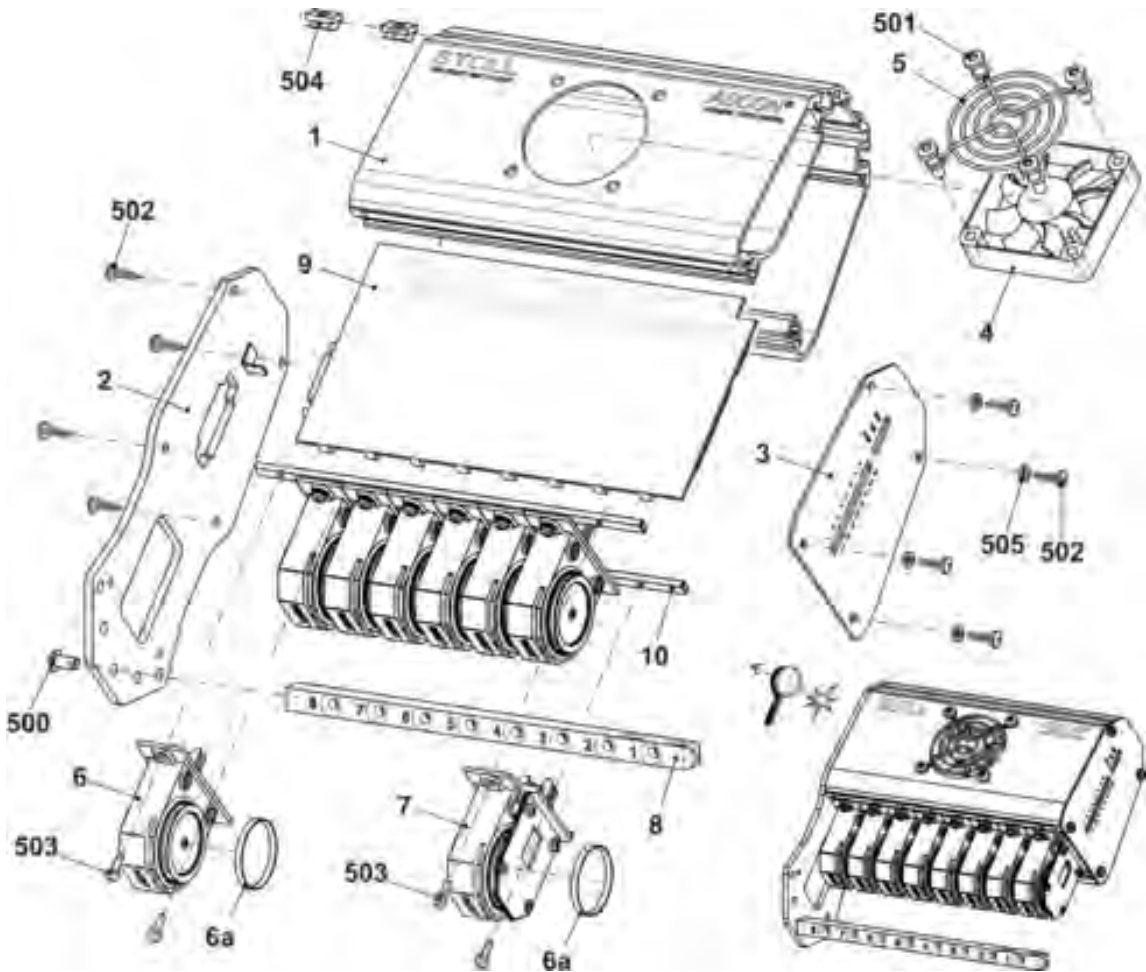
16.10 Yarn length measuring device on the right complete

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



16.10.1 Yarn length measuring device on the right

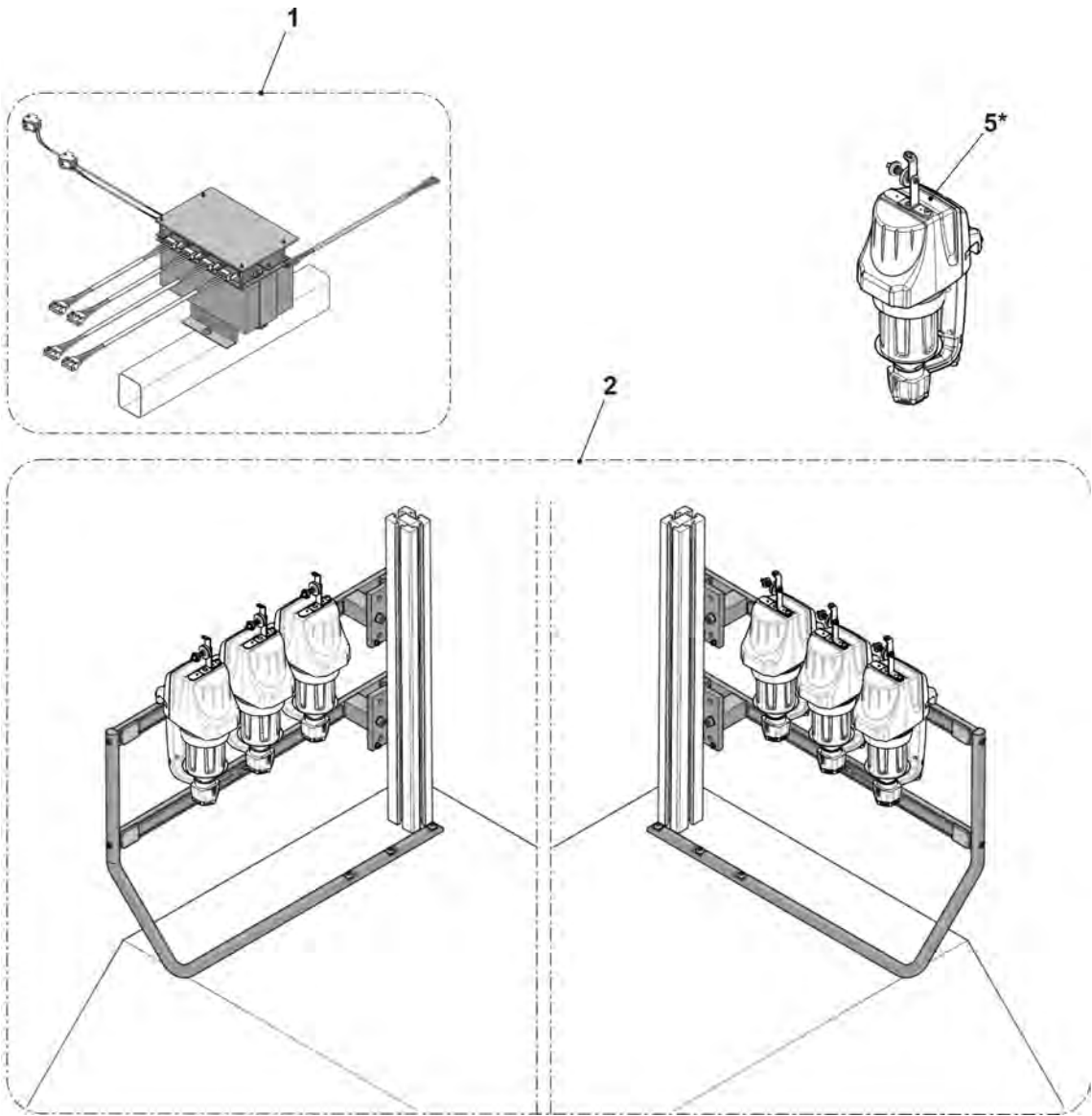
Pos	Designation		Id		Pos	Designation		Id
Σ	Yarn length measuring device on the right complete		257 282		8	Yarn guide rod		257 139
1	Housing		257 281		9	Card Ascon		255 000
2	Support		257 278		10	Threaded strip		257 138
3	Cover		257 273		500	Pan-head screw M5x10		023 247
4	Fan with plug		257 048		501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



16.11 Storage feed wheel MSF 2

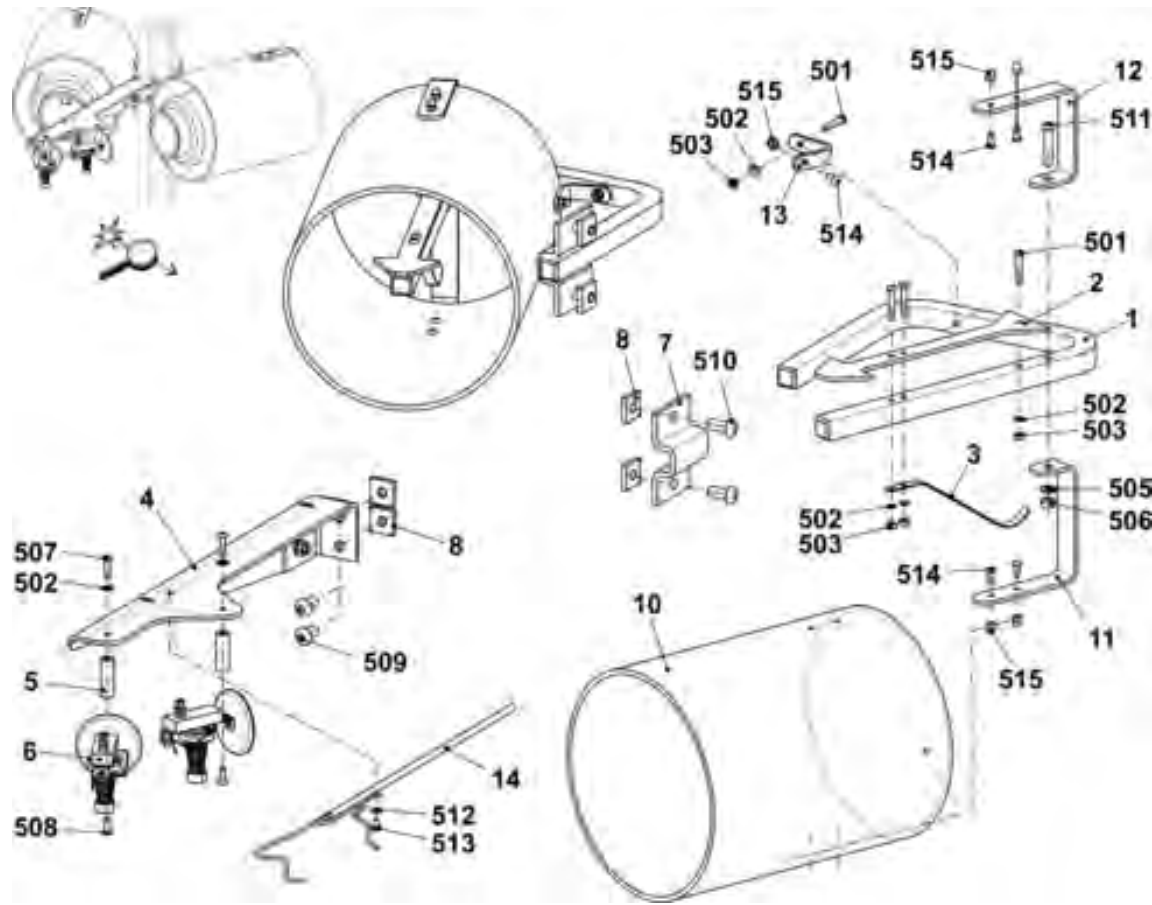
16.11 Storage feed wheel MSF 2

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



16.12 Bobbin holder on the left

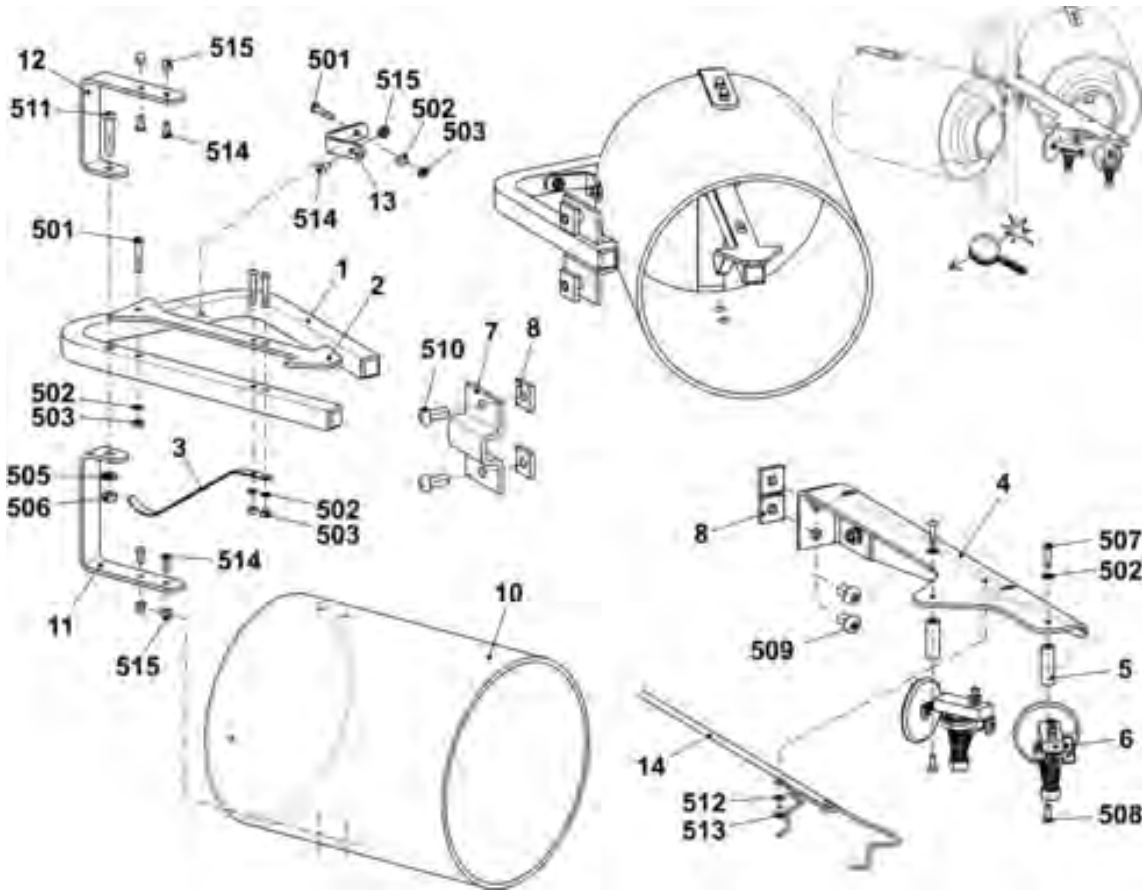
Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the left	253 965	501	Pan-head screwM4x25	023 511
1	Support	253 969	502	Washer4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	Washer6	022 431
4	Support on the left	253 347	506	Hexagon nut M6-6	022 899
5	Spacer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



16.13 Bobbin holder on the right

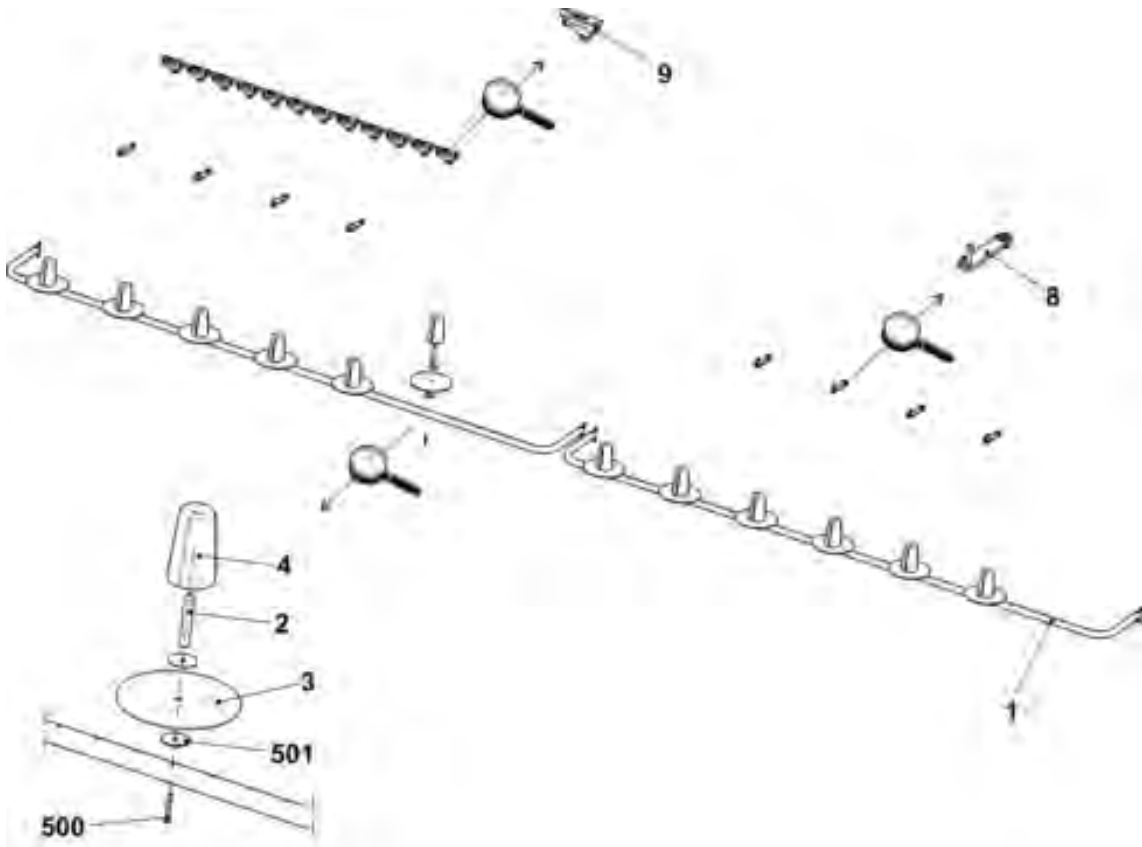
16.13 Bobbin holder on the right

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



16.14 Additional board at the bottom

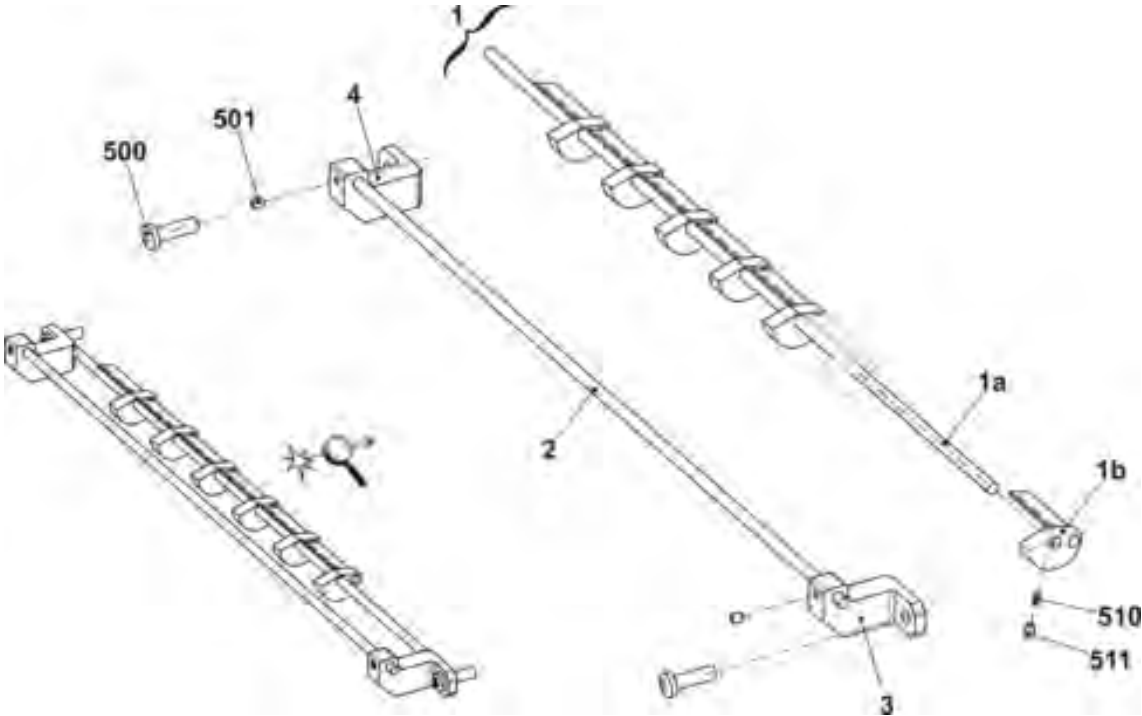
Pos	Designation	Id		Pos	Designation	Id
Σ	Zusatztisch 8XX unten	253 646				
1	Additional bobbin board welded	253 472		8	Yarn guide	243 765
2	Positioning pin	202 777		9	Yarn guide bracket	241 581
3	DiskD=130	062 385		500	Pan-head screw M4x30	023 681
4	Bobbin support	200 363		501	Washer5,3x30x1,25	023 556



16.15 Sanding Paper Brake

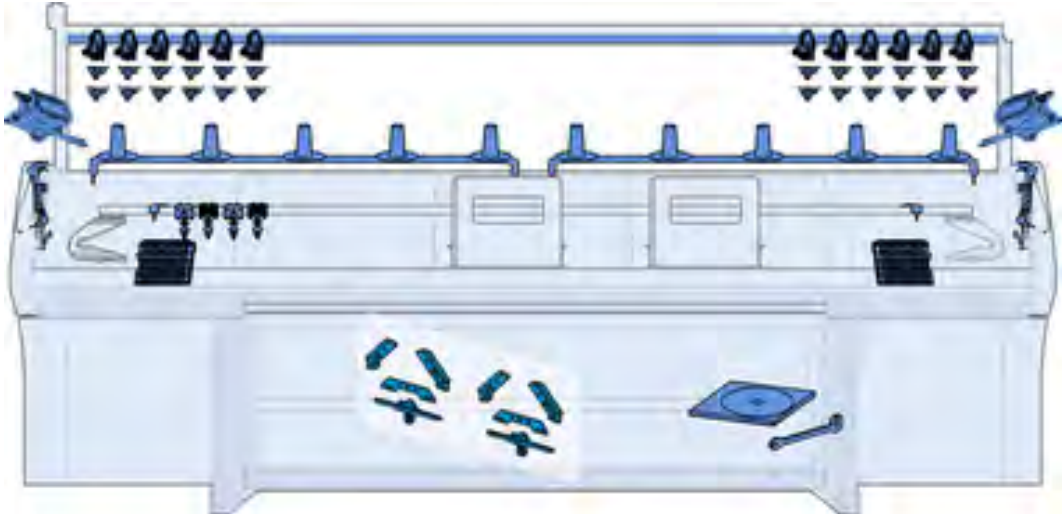
16.15 Sanding Paper Brake

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



17 Conversion kit with 24 and 32 IFF Type 2

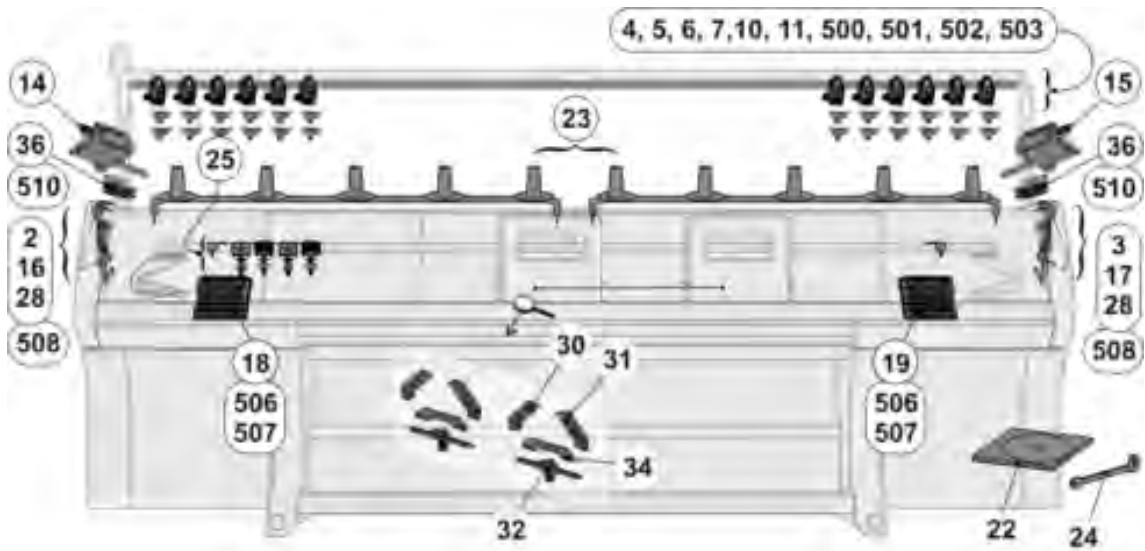
	Designation	Id
24 IFF:	Conversion kit 24 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 453
	Conversion kit 24 IFF Type 2 E16 E18	257 454
	Conversion kit 24 IFF Type 2E6.2	257 473
	Conversion kit 24 IFF Type 2 E8.2	257 455
32 IFF:	Conversion kit 32 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 386
	Conversion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



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

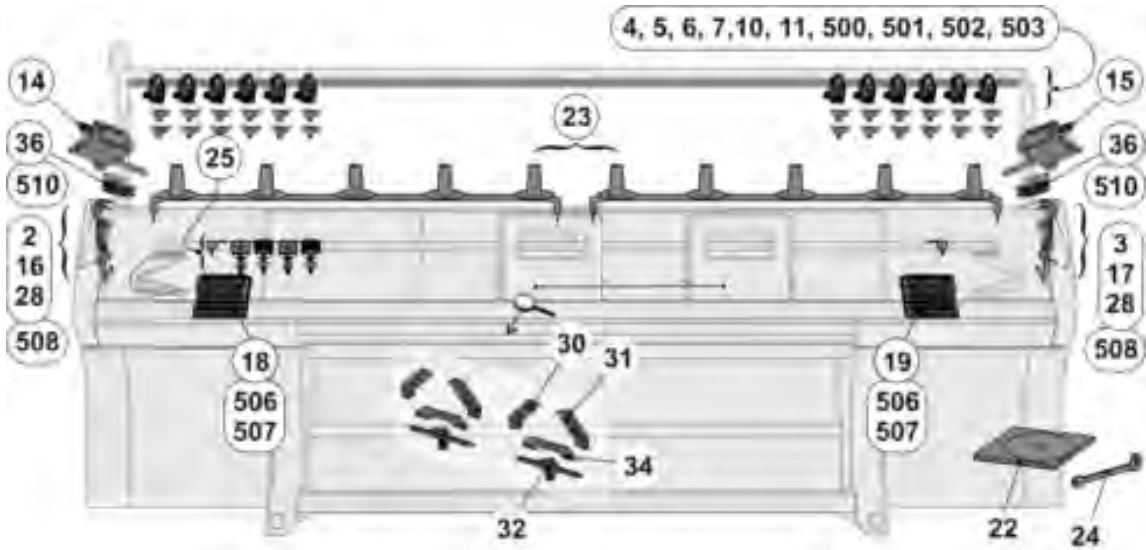
17.1 Overview of conversion kit with 24 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFFE10-14	257 453				
2	Yarn tensioner on the left completeE10-18	258 461		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E10-18	258 463		25	Yarn guide complete E10-14 IFF 24	256 936
4	Yarn guide bar84"	236 932		28	Ceramic eyelet	240 640
5	Support on the left	243 602		30	Stitch cam on the left short tuckE10-14+7.2	255 428
6	Support on the right	243 603		31	Stitch cam on the right short tuckE10-14+7.2	255 429
7	Support	239 295		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573		502	Square nut M8	023 269
17	Deflector on the right complete	259 570		503	Pan-head screw M8x16	023 113
18	Left clamping and cutting bed E10-14	253 682		506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E10-14	253 681		507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169		508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928		510	Pan-head screw M5x10	023 247



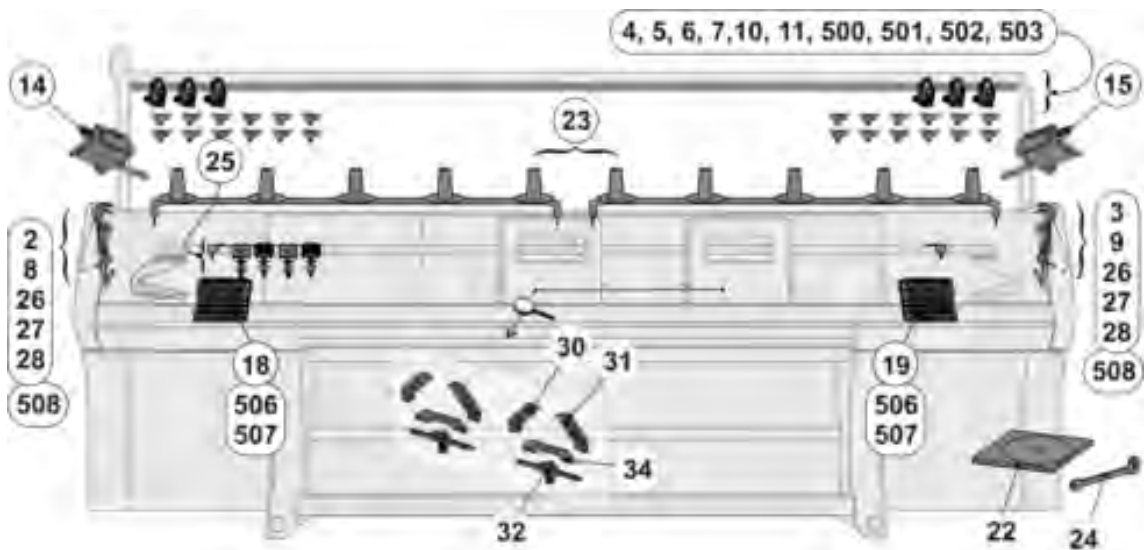
17.2 Overview of conversion kit with 24 IFF E16 | E18

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF E10-14	257 454				
2	Yarn tensioner on the left complete E10-18	258 461		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E10-18	258 463		25	Yarn guide complete E16-18 IFF 24	256 937
4	Yarn guide bar84"	236 932		28	Ceramic eyelet	240 640
5	Support on the left	243 602		30	Stitch cam on the left short tuck E16-18+8.2	255 547
6	Support on the right	243 603		31	Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support	239 295		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573		502	Square nut M8	023 269
17	Deflector on the right complete	259 570		503	Pan-head screwM8x16	023 113
18	Left clamping and cutting bed E16-18	253 684		506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E16-18	253 683		507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169		508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928		510	Pan-head screwM5x10	023 247



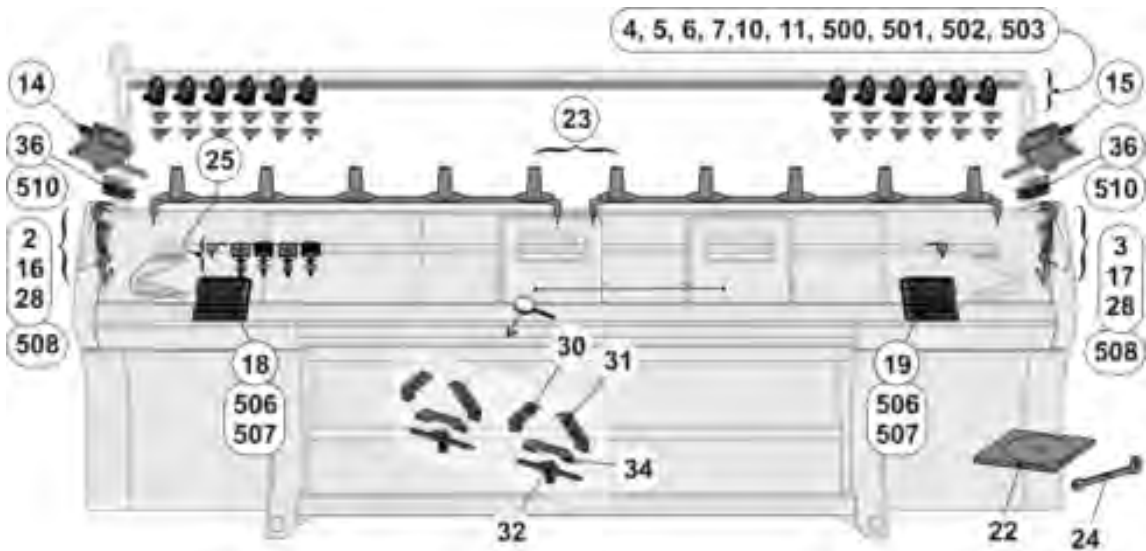
17.3 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFFE6.2	257 473				
2	Yarn tensioner on the left completeE7-8	244 499		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502		25	Yarn guide complete E7-8 IFF 24	256 935
4	Yarn guide bar84"	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuckE6.2	255 551
8	Deflector on the left complete	259 573		31	Stitch cam on the right short tuckE6.2	255 552
9	Deflector on the right complete	259 570		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
18	Left clamping and cutting bed E10-14	253 682		503	Pan-head screw M8x16	023 113
19	Clamping and cutting bed on the right E10-14	253 681		506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169		507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928		508	Screw KB60x20	237 682



17.4 Overview of conversion kit with 24 IFF E8.2

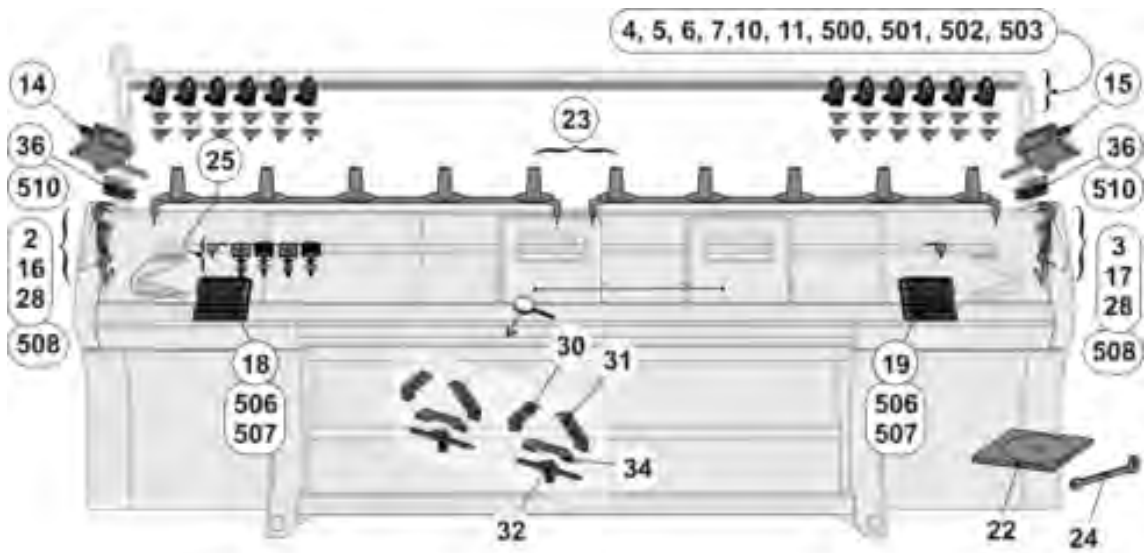
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFFE8.2	257 455				
2	Yarn tensioner on the left completeE10-18	258 461		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right completeE10-18	258 463		25	Yarn guide complete E10-14 IFF 24	256 936
4	Yarn guide bar84"	236 932		28	Ceramic eyelet	240 640
5	Support on the left	243 602		30	Stitch cam on the left short tuckE16-18+8.2	255 547
6	Support on the right	243 603		31	Stitch cam on the right short tuckE16-18+8.2	255 548
7	Support	239 295		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573		502	Square nut M8	023 269
17	Deflector on the right complete	259 570		503	Pan-head screw M8x16	023 113
18	Left clamping and cutting bed E16-18	253 684		506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E16-18	253 683		507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169		508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928		510	Pan-head screw M5x10	023 247



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

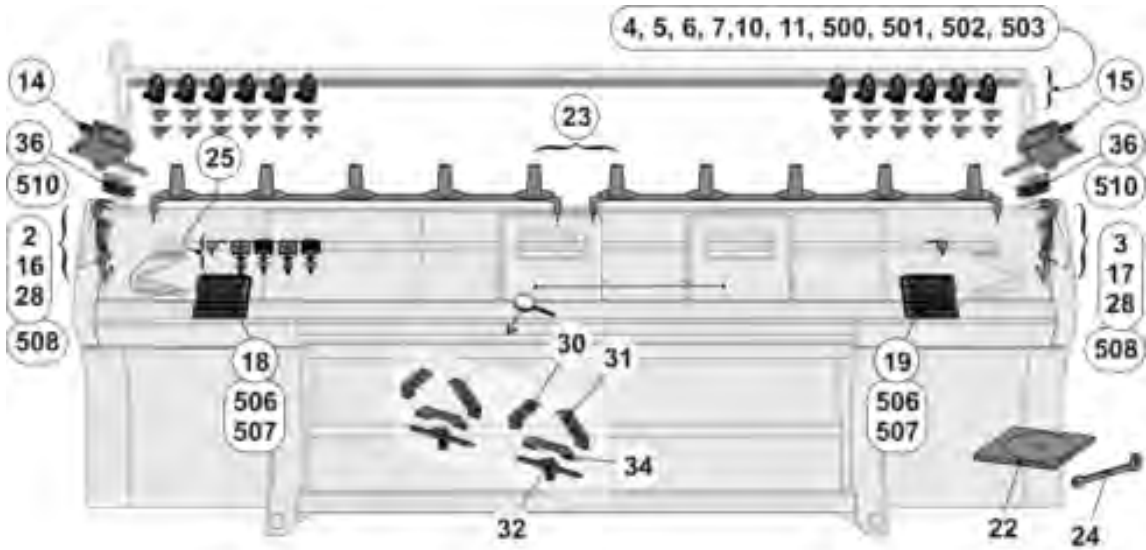
17.5 Overview of conversion kit with 32 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF E10-14	257 386				
2	Yarn tensioner on the left complete E10-18	258 461		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E10-18	258 463		25	Yarn guide complete E10-14 IFF	245 163
4	Yarn guide bar84"	236 932		28	Ceramic eyelet	240 640
5	Support on the left	243 602		30	Stitch cam on the left short tuck E10-14+7.2	255 428
6	Support on the right	243 603		31	Stitch cam on the right short tuck E10-14+7.2	255 429
7	Support	239 295		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991		500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992		501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573		502	Square nut M8	023 269
17	Deflector on the right complete	259 570		503	Pan-head screwM8x16	023 113
18	Left clamping and cutting bed E10-14	253 682		506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E10-14	253 681		507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169		508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928		510	Pan-head screwM5x10	023 247



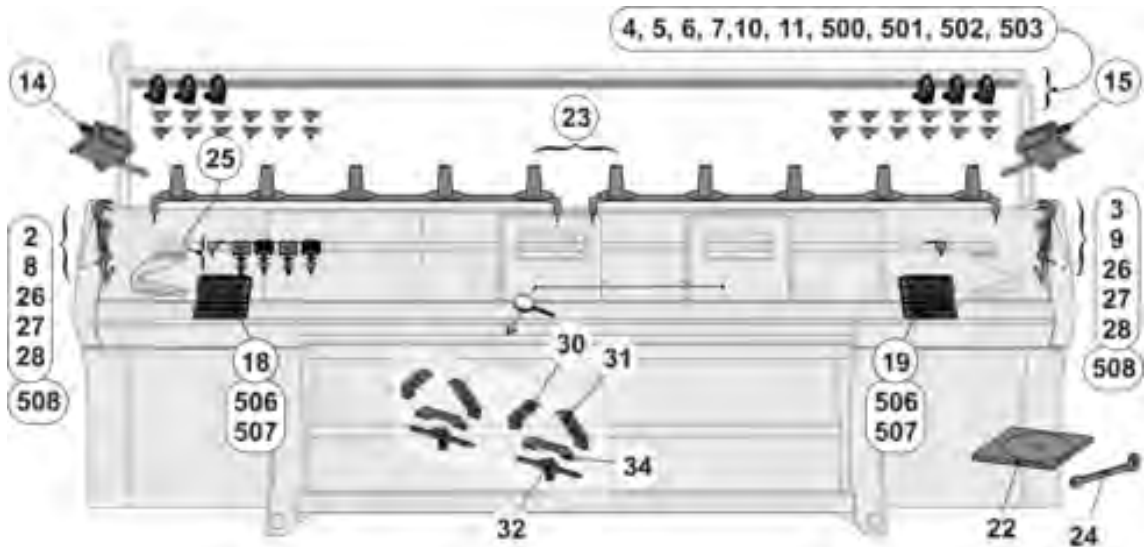
17.6 Overview of conversion kit with 32 IFF E16 | E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFF E10-14	257 385			
2	Yarn tensioner on the left complete E10-18	258 461	24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E10-18	258 463	25	Yarn guide complete E16-18 IFF	245 164
4	Yarn guide bar84"	236 932	28	Ceramic eyelet	240 640
5	Support on the left	243 602	30	Stitch cam on the left short tuck E16-18+8.2	255 547
6	Support on the right	243 603	31	Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support	239 295	32	Pressure part short tuck	255 430
10	Yarn control device	237 124	34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581	36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991	500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992	501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573	502	Square nut M8	023 269
17	Deflector on the right complete	259 570	503	Pan-head screwM8x16	023 113
18	Left clamping and cutting bed E16-18	253 684	506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E16-18	253 683	507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169	508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928	510	Pan-head screwM5x10	023 247



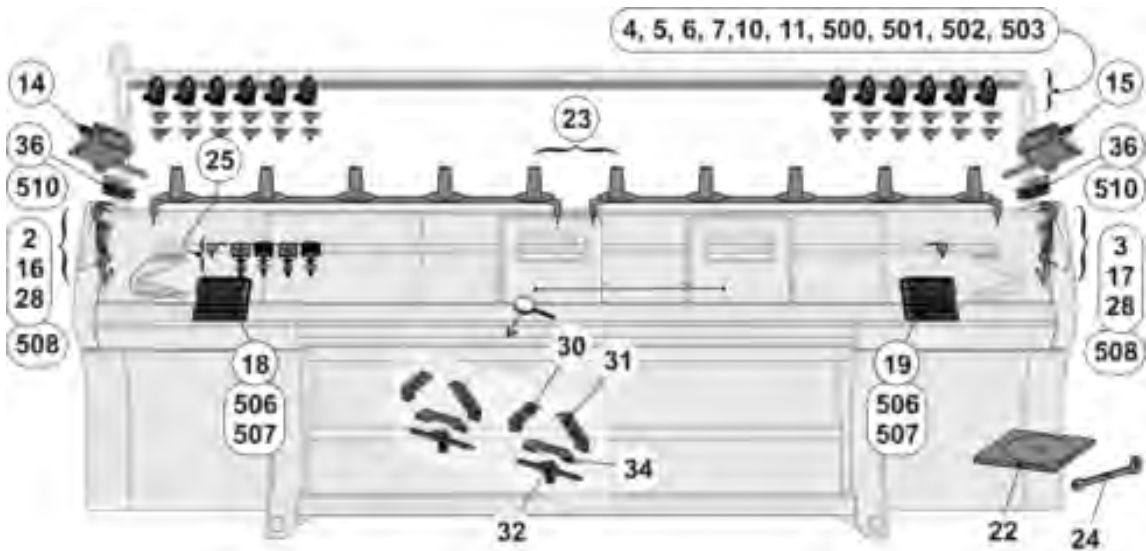
17.7 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFFE6.2	257 472				
2	Yarn tensioner on the left completeE7-8	244 499		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502		25	Yarn guide complete IFF E7-8	245 162
4	Yarn guide bar84"	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuckE6.2	255 551
8	Deflector on the left complete	259 573		31	Stitch cam on the right short tuckE6.2	255 552
9	Deflector on the right complete	259 570		32	Pressure part short tuck	255 430
10	Yarn control device	237 124		34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
14	Friction feed wheel 16 fold on the left complete	244 991		501	Serrated nut M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
18	Left clamping and cutting bed E10-14	253 682		503	Pan-head screw M8x16	023 113
19	Clamping and cutting bed on the right E10-14	253 681		506	Dowel pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169		507	Screw M6x20	244 824
23	Additional bobbin board 7XX/8XX	241 928		508	Screw KB60x20	237 682



17.8 Overview of conversion kit with 32 IFF E8.2

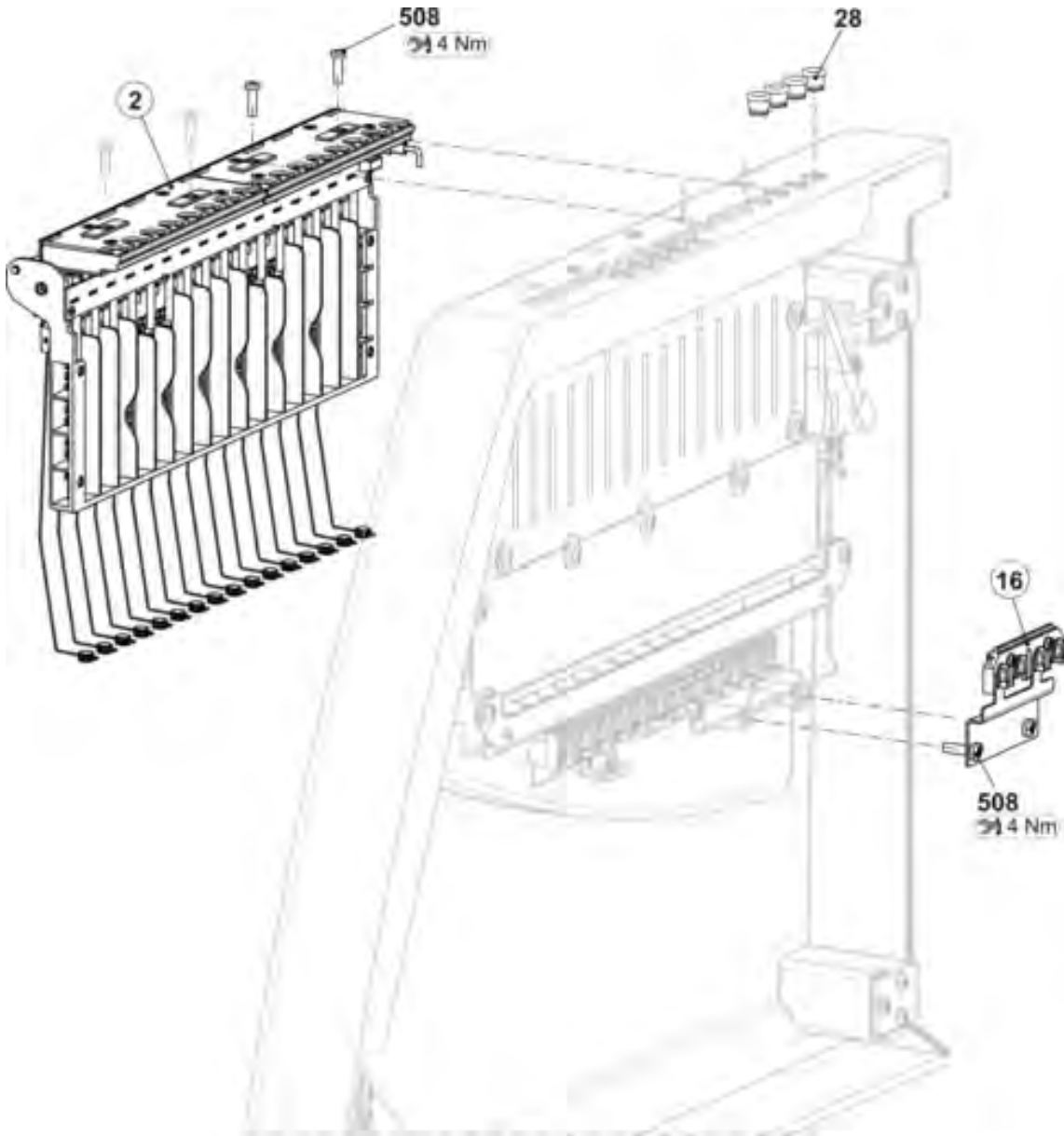
Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFFE8.2	257 388			
2	Yarn tensioner on the left completeE10-18	258 461	24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right completeE10-18	258 463	25	Yarn guide complete IFF E10-14	245 163
4	Yarn guide bar84"	236 932	28	Ceramic eyelet	240 640
5	Support on the left	243 602	30	Stitch cam on the left short tuckE16-18+8.2	255 547
6	Support on the right	243 603	31	Stitch cam on the right short tuckE16-18+8.2	255 548
7	Support	239 295	32	Pressure part short tuck	255 430
10	Yarn control device	237 124	34	Raising cam plate	256 491
11	Yarn guide bracket complete	241 581	36	Stopping device 16-fold complete	259 455
14	Friction feed wheel 16 fold on the left complete	244 991	500	Self-locking screw M6x12	023 415
15	Friction feed wheel 16 fold on the right complete	244 992	501	Serrated nut M6-10	023 414
16	Deflector on the left complete	259 573	502	Square nut M8	023 269
17	Deflector on the right complete	259 570	503	Pan-head screw M8x16	023 113
18	Left clamping and cutting bed E16-18	253 684	506	Dowel pin 6x16	020 677
19	Clamping and cutting bed on the right E16-18	253 683	507	Screw M6x20	244 824
22	DVD instructions conversion kit IFF	245 169	508	Screw KB60x20	237 682
23	Additional bobbin board 7XX/8XX	241 928	510	Pan-head screw M5x10	023 247



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

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

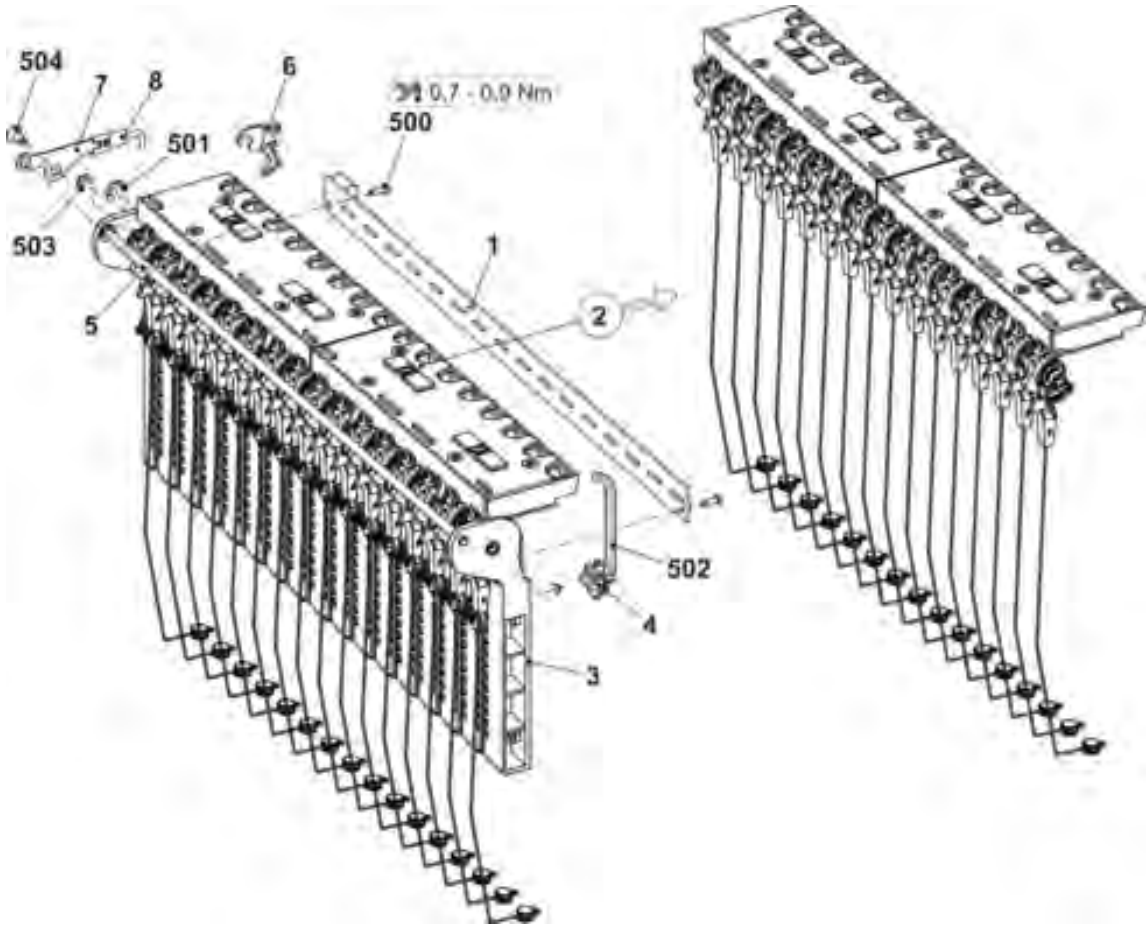
Pos	Designation	ID		Pos	Designation	ID
2	Yarn tensioner on the left complete E10-18	258 461		28	Ceramic eyelet	240 640
16	Deflector on the left complete	259 573		508	Screw KB60x20	237 682



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

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

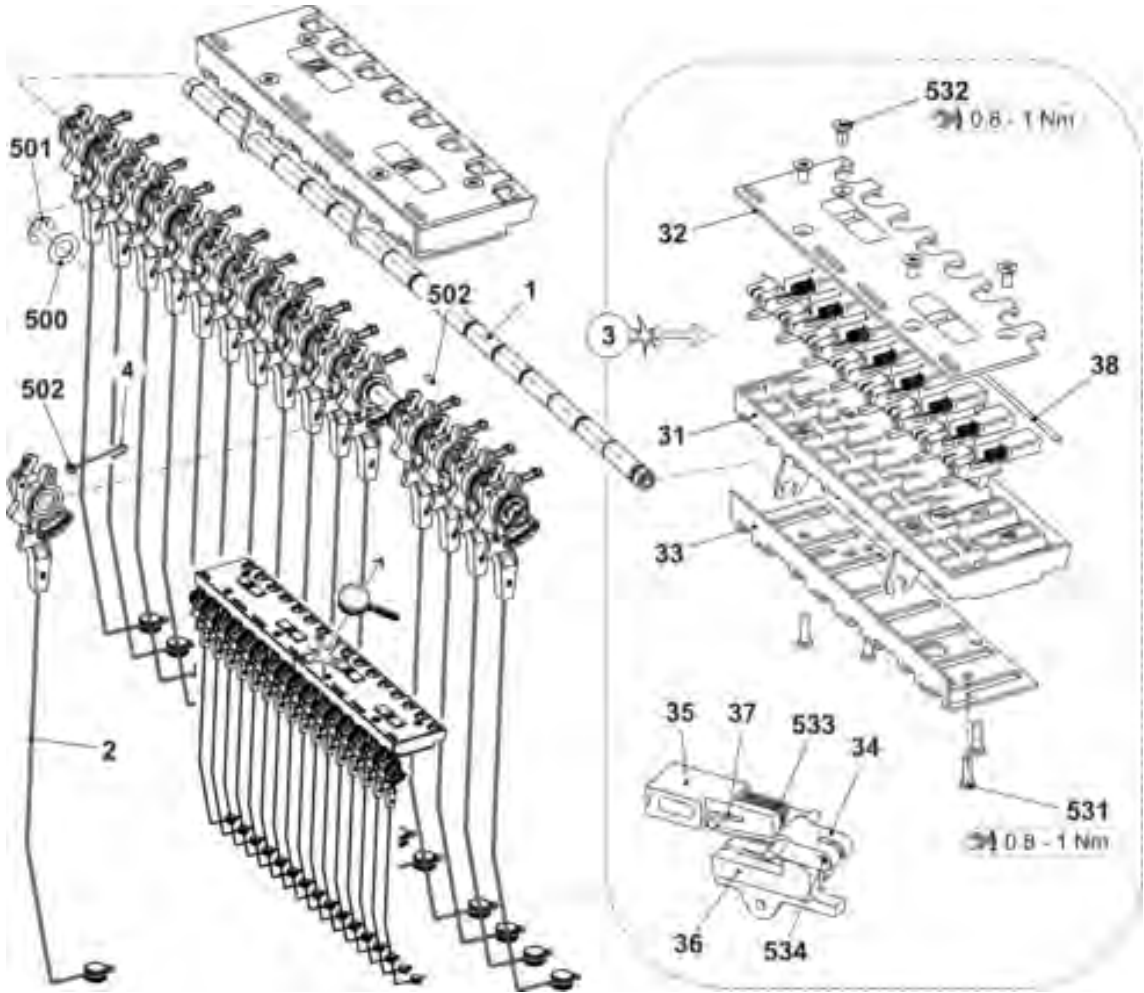
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 461	7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345	8	Ground cable yarn tensionerokc	243 105
2	Tension axle completeE10-18	258 460	500	Screw KB30x8	236 228
3	Housing	241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



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

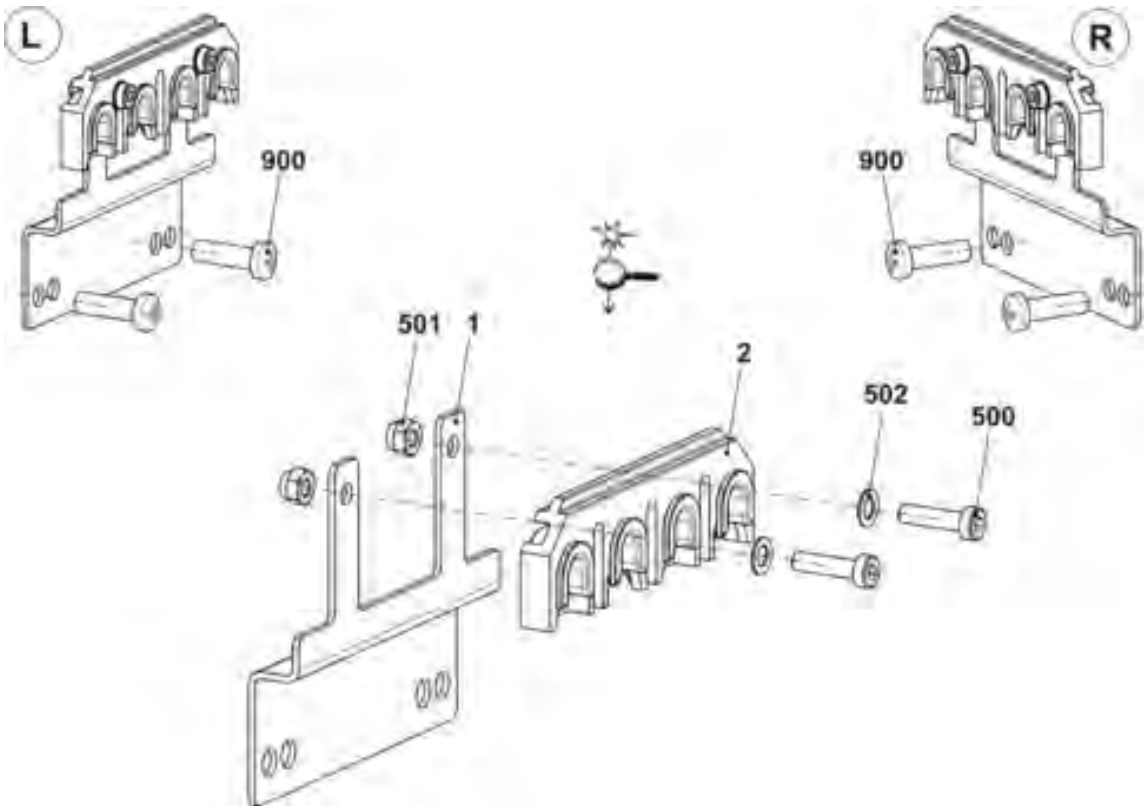
17.9.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle completeE10-18	258 460	3	Thread clamp AKF	238 695
1	Axle	244 522	31	HousingAKF	238 689
2	Tension arm pre-assembledE10-18	258 459	32	Cover AKF	237 926
4	Wire bow	238 694	33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	34	Lever AKF	238 692
501	Circlip	021 022	35	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	36	SliderAKF	238 691
			37	Wire bow	238 694
			38	Wire	237 940
			531	Screw KB 35x12	237 681
			532	Screw KB 40x8	236 227
			533	Compression spring 0,30x4,50x18,50	241 437
			534	Grooved pin 2x6	243 172



17.9.2 Deflector on the left and on the right

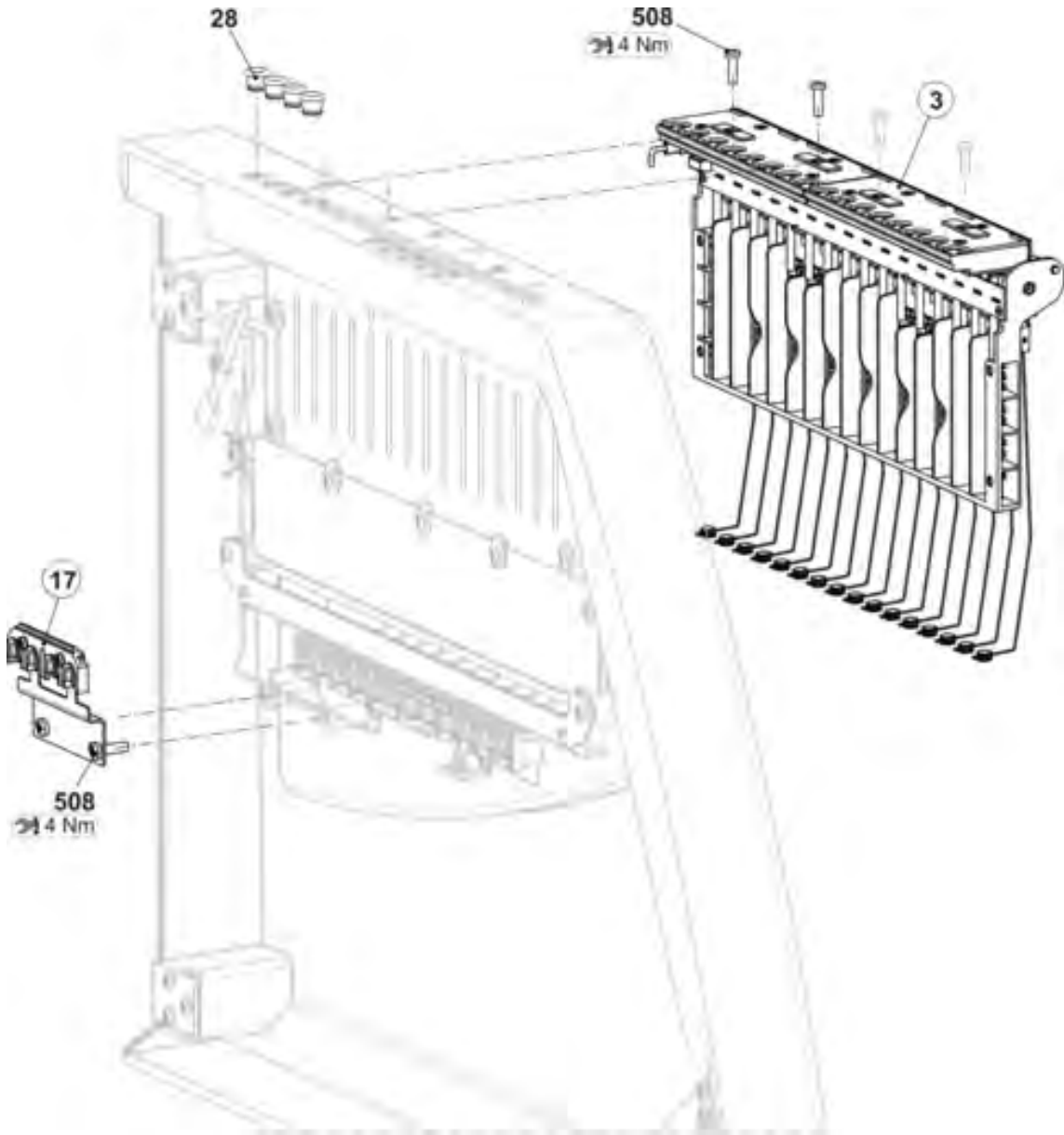
Pos	Designation	ID		Pos	Designation	ID
ΣL	Deflector on the left complete	259 573		ΣR	Deflector on the right complete	259 570
1	Support of yarn deflector	257 286		1	Support of yarn deflector	257 286
2	Yarn deflector on the left	259 572		2	Yarn deflector on the right	259 569
500	Cap screwM4x16	023 123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



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

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

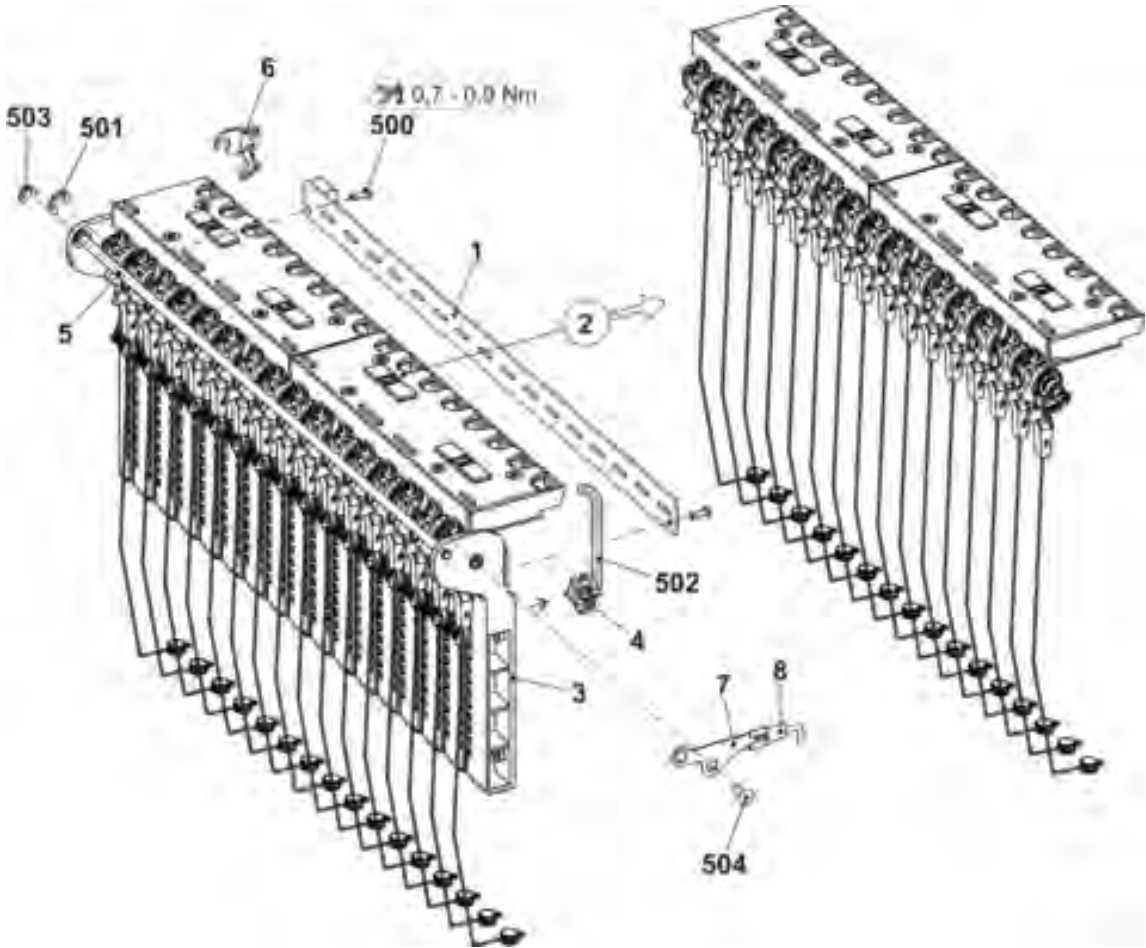
Pos	Designation	ID		Pos	Designation	ID
3	Yarn tensioner on the right complete E10-18	258 463		28	Ceramic eyelet	240 640
17	Deflector complete	259 570		508	Screw KB60x20	237 682



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

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

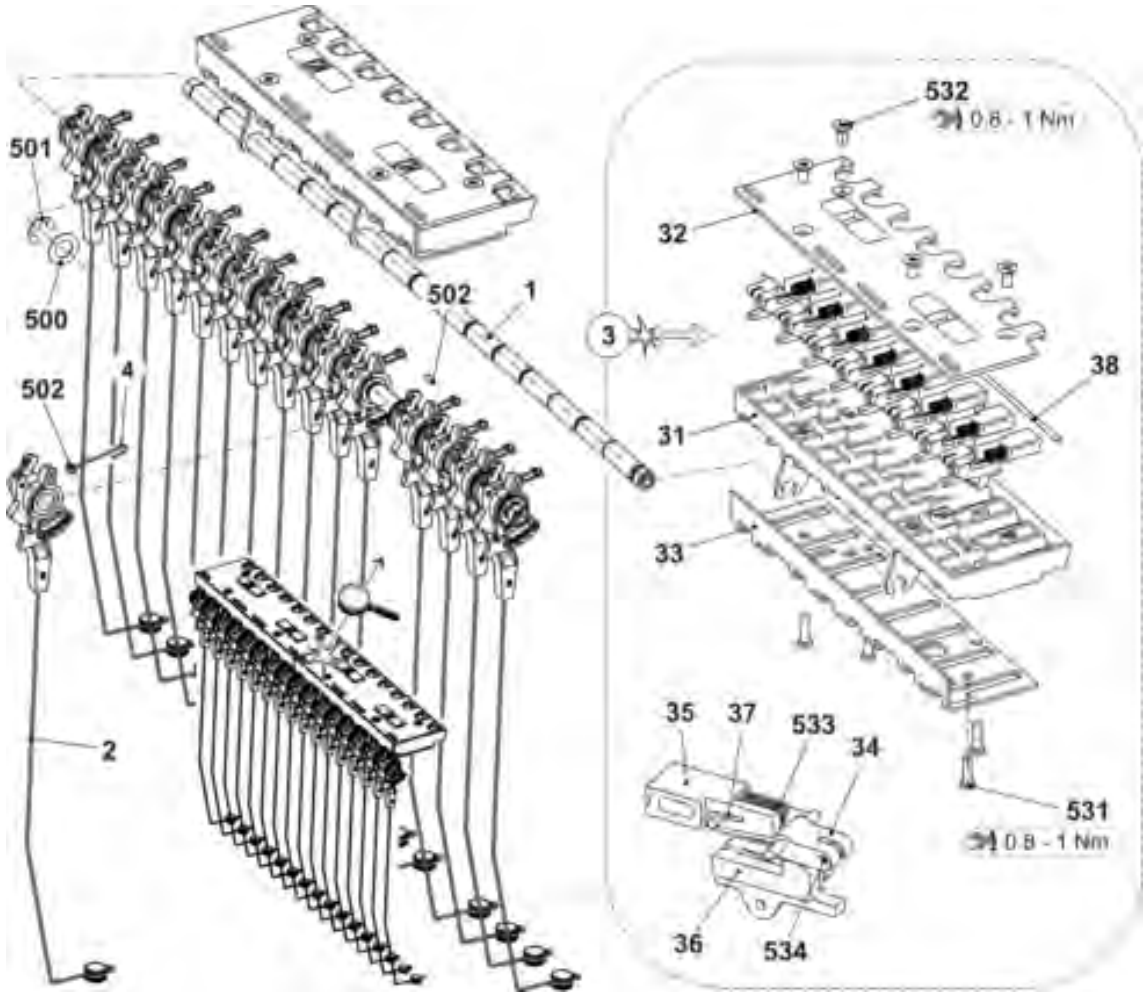
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 463		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensionerokc	243 105
2	Tension axle completeE10-18	258 460		500	Screw KB30x8	236 228
3	Housing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



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

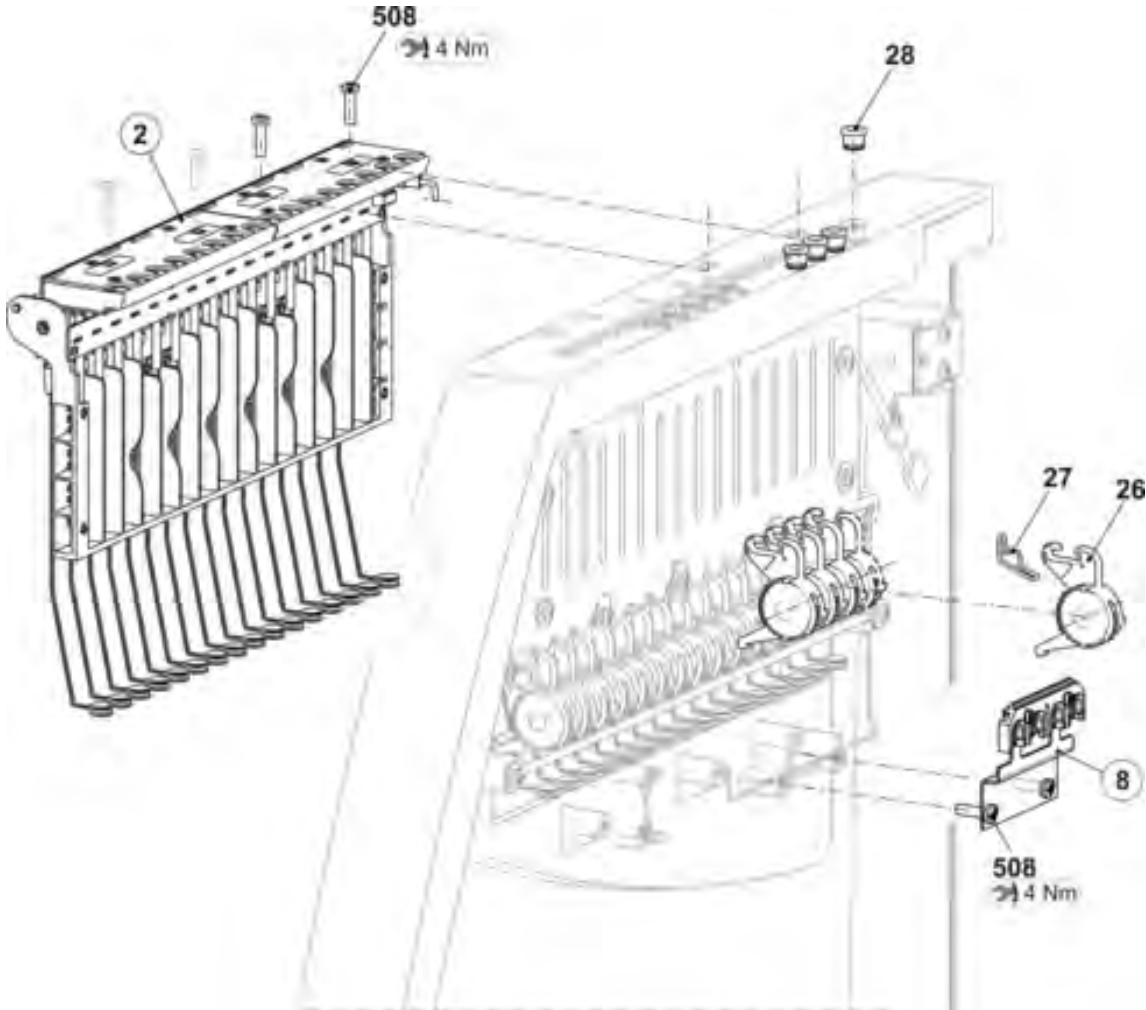
17.10.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle completeE10-18	258 460	3	Thread clamp AKF	238 695
1	Axle	244 522	31	HousingAKF	238 689
2	Tension arm pre-assembledE10-18	258 459	32	Cover AKF	237 926
4	Wire bow	238 694	33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	34	Lever AKF	238 692
501	Circlip	021 022	35	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	36	SliderAKF	238 691
			37	Wire bow	238 694
			38	Wire	237 940
			531	Screw KB 35x12	237 681
			532	Screw KB 40x8	236 227
			533	Compression spring 0,30x4,50x18,50	241 437
			534	Grooved pin 2x6	243 172



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

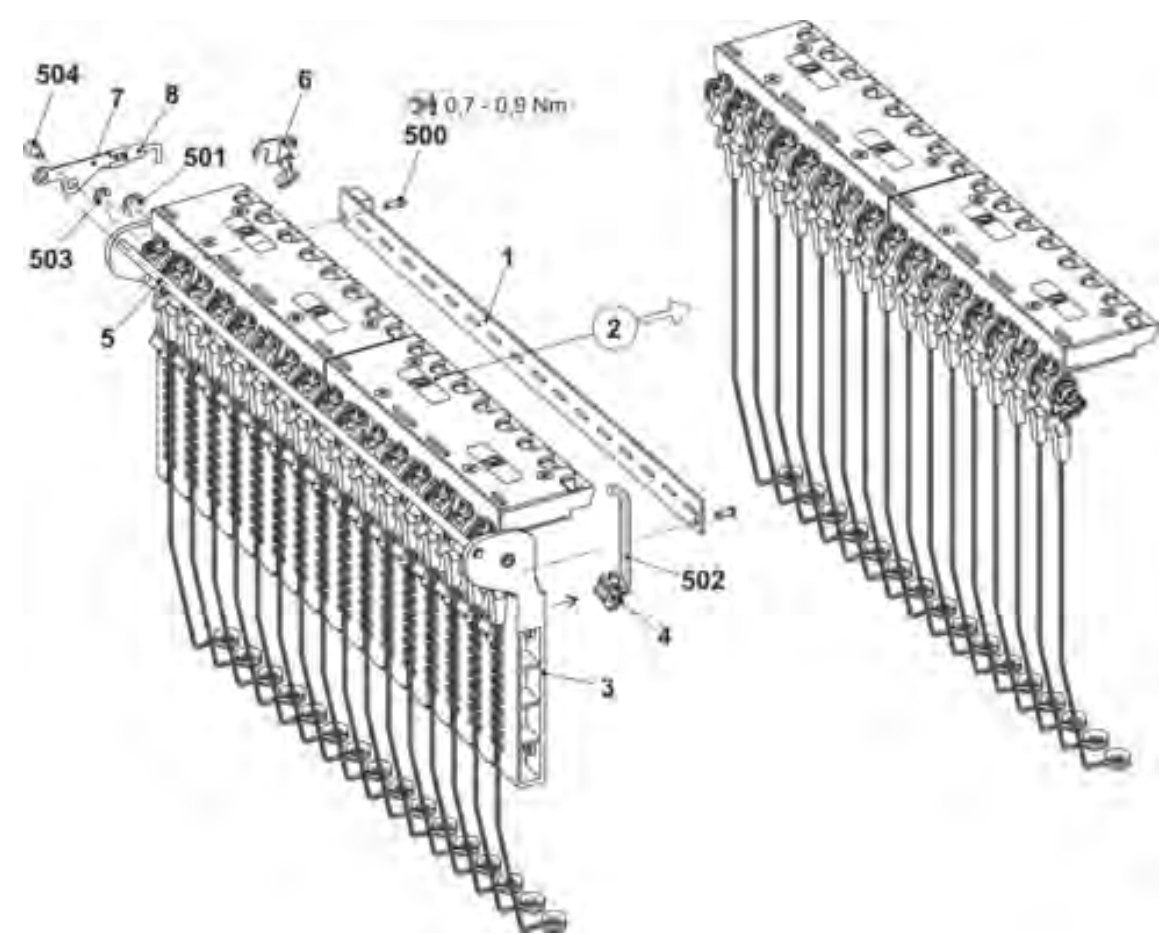
Pos	Designation	Id		Pos	Designation	Id
2	Yarn tensioner on the left completeE7-8	244 499		27	Clamping bow	244 409
8	Deflector on the left complete	259 573		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60x20	237 682



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

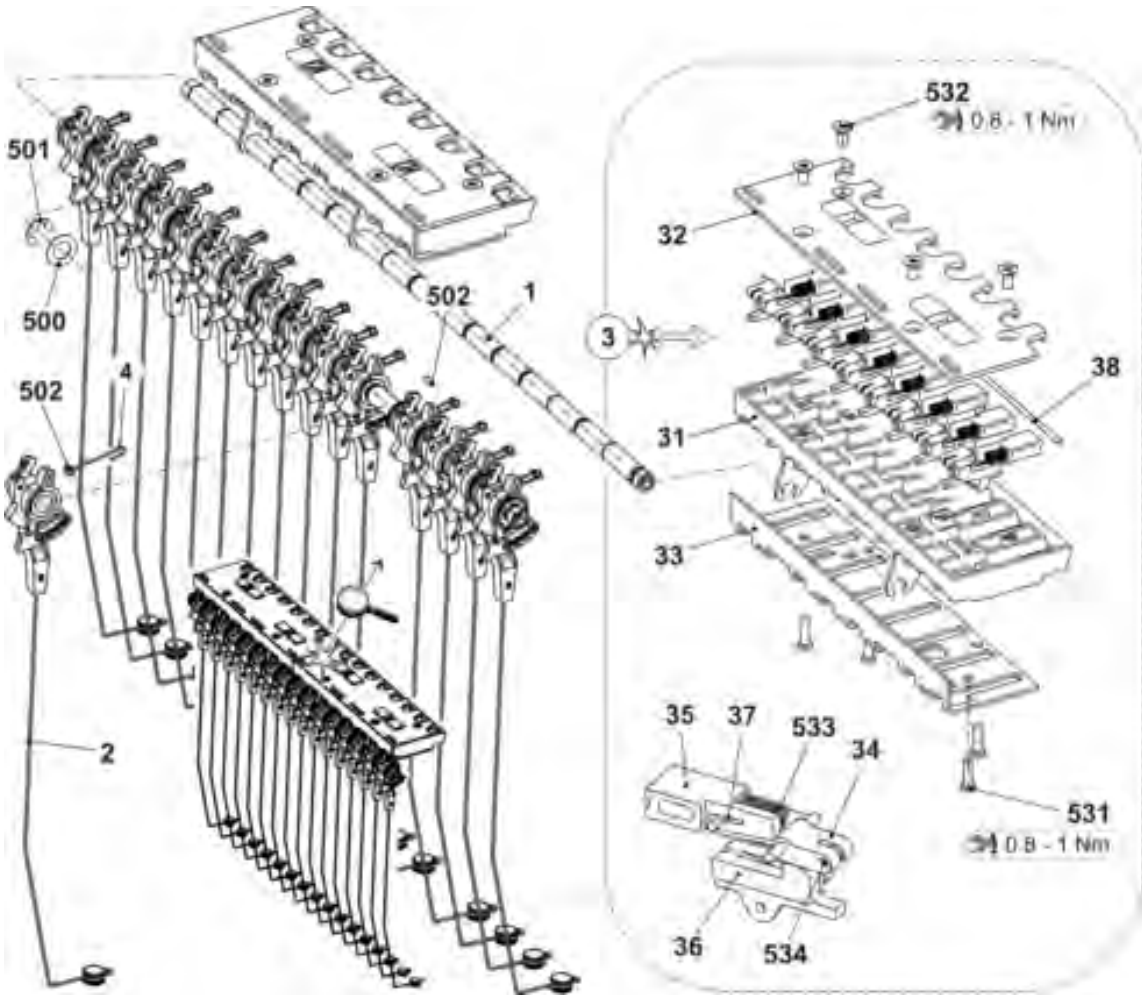
17.11.1 Yarn tensioner on the left E6.2

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



17.11.1.1 Tension axle E6.2

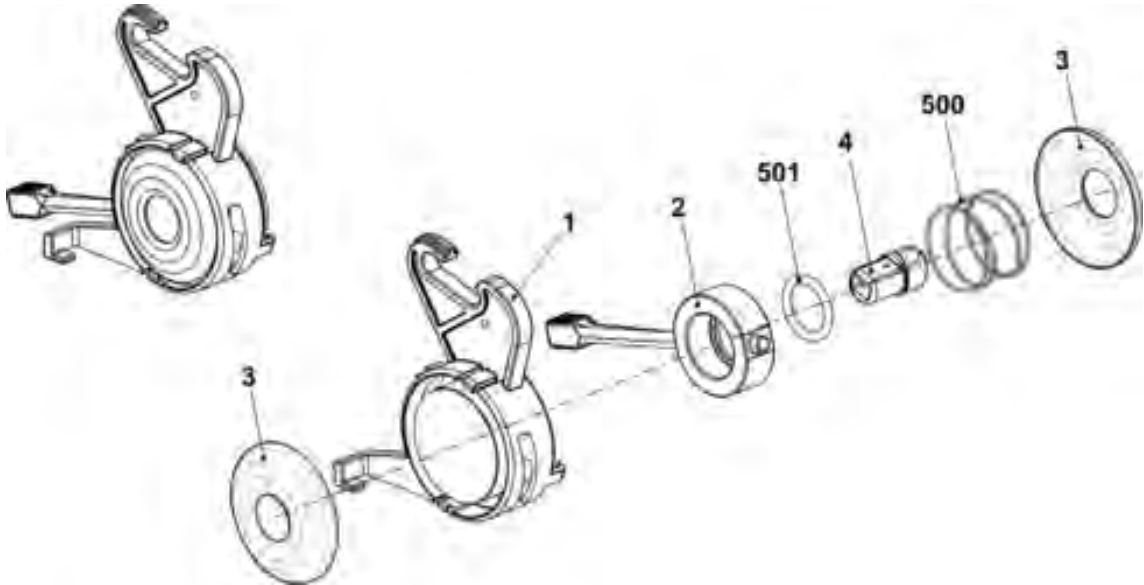
Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle completeE6.2	244 494	3	Thread clamp AKF	238 695
1	Axle	244 522	31	HousingAKF	238 689
2	Tension arm pre-assembledE3-8	259 448	32	Cover AKF	237 926
4	Wire bow	238 694	33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0,5	023 501	34	Lever AKF	238 692
501	Circlip	021 022	35	Pressure piece AKF	238 690
502	Grooved pin 2x6	243 172	36	SliderAKF	238 691
			37	Wire bow	238 694
			38	Wire	237 940
			531	Screw KB 35x12	237 681
			532	Screw KB 40x8	236 227
			533	Compression spring 0,30x4,50x18,50	241 437
			534	Grooved pin 2x6	243 172



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

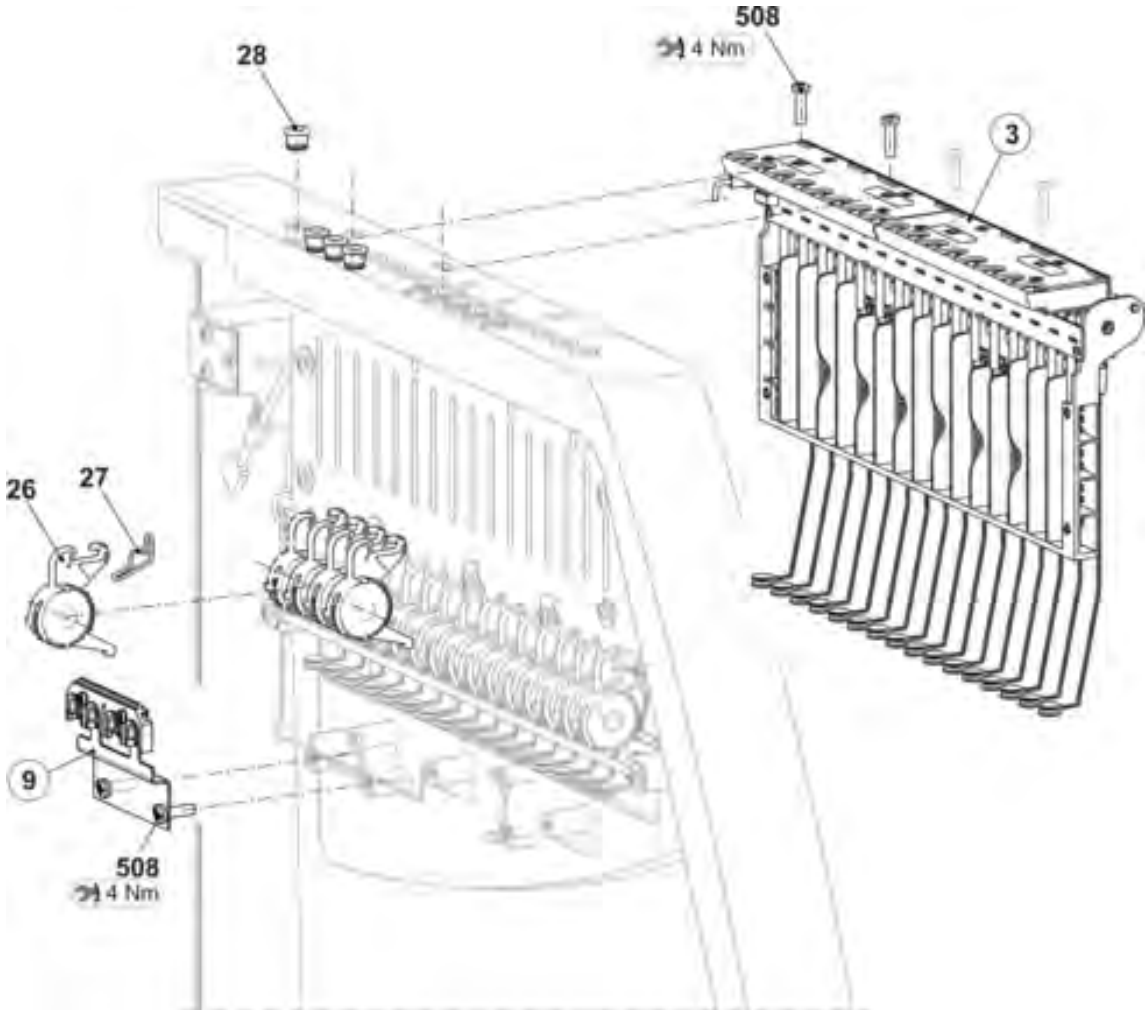
17.11.2 Yarn brake

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



17.12 Parts for the right safety door E6.2

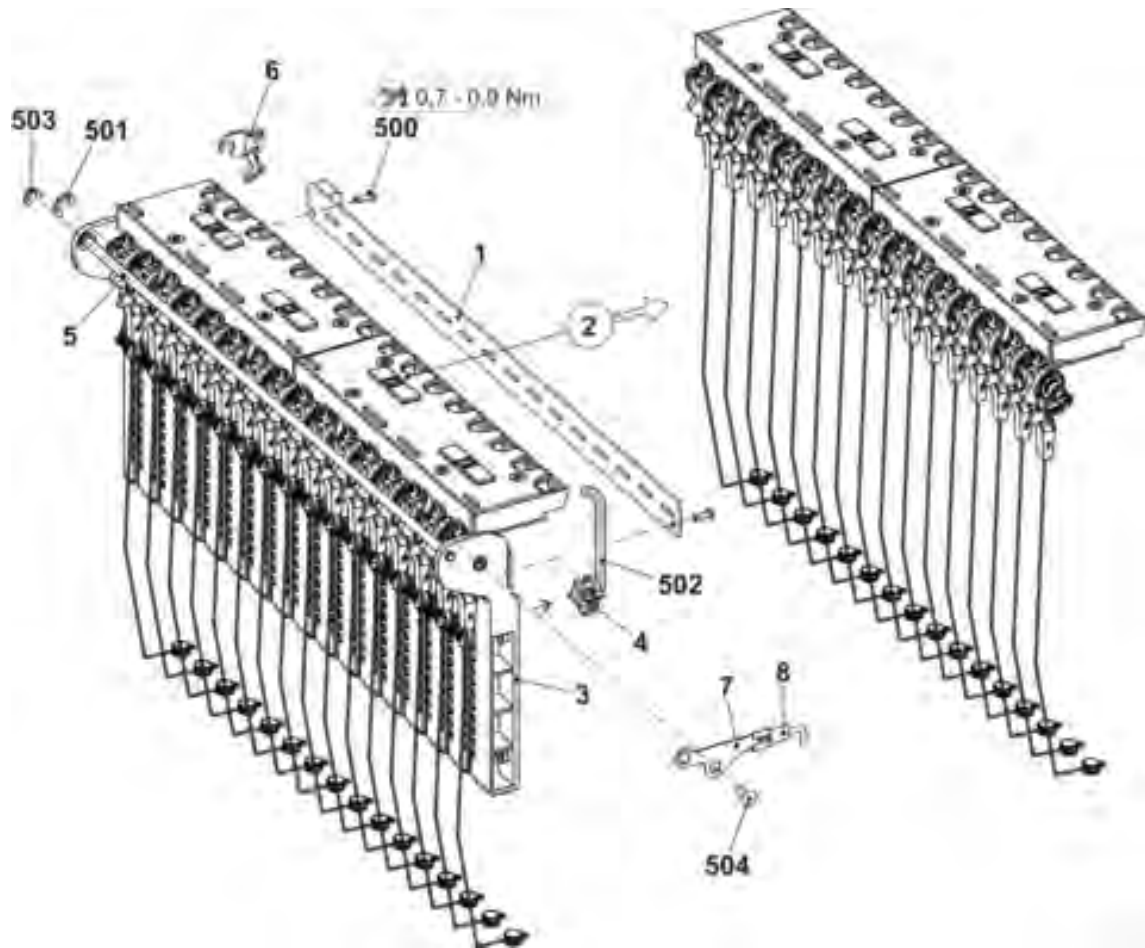
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the right complete E7-8	244 502		27	Clamping bow	244 409
9	Deflector on the right complete	259 570		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60x20	237 682



17.12 Parts for the right safety door E6.2

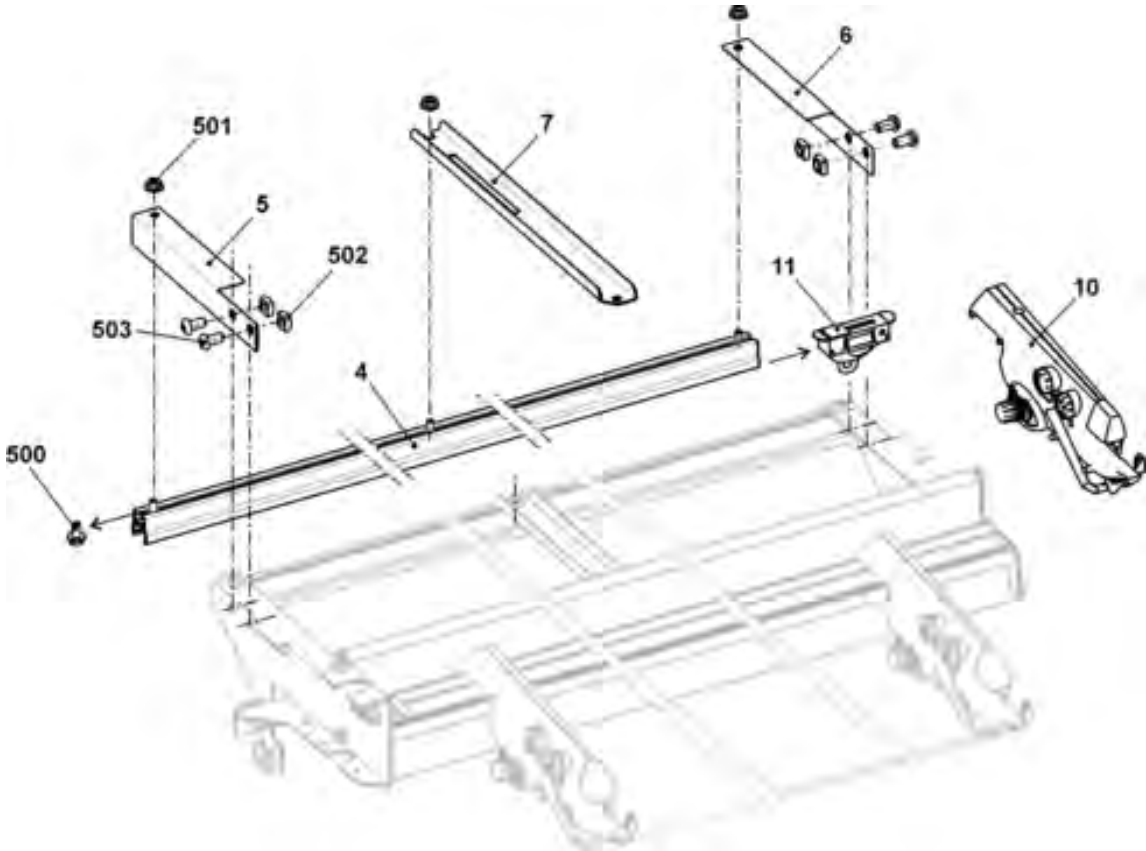
17.12.1 Yarn tensioner on the right E6.2

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



17.13 Parts for the yarn guide system

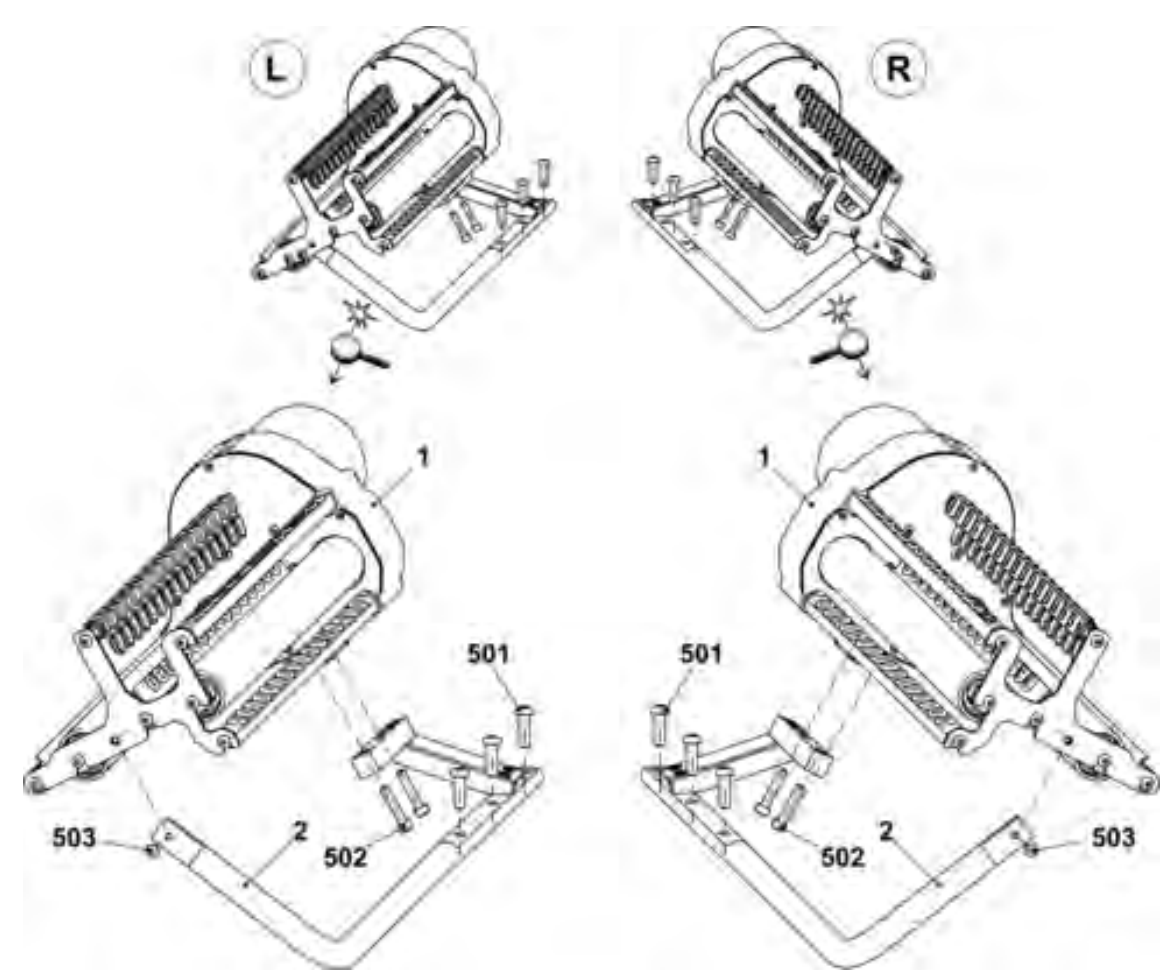
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn guide system					
4	Yarn guide bar84"	236 932		11	Yarn guide bracket complete	241 581
5	Support on the left	243 602		500	Self-locking screw M6x12	023 415
6	Support on the right	243 603		501	Serrated nut M6-10	023 414
7	Support	239 295		502	Square nut M8	023 269
10	Yarn control device	237 124		503	Pan-head screwM8x16	023 113



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

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

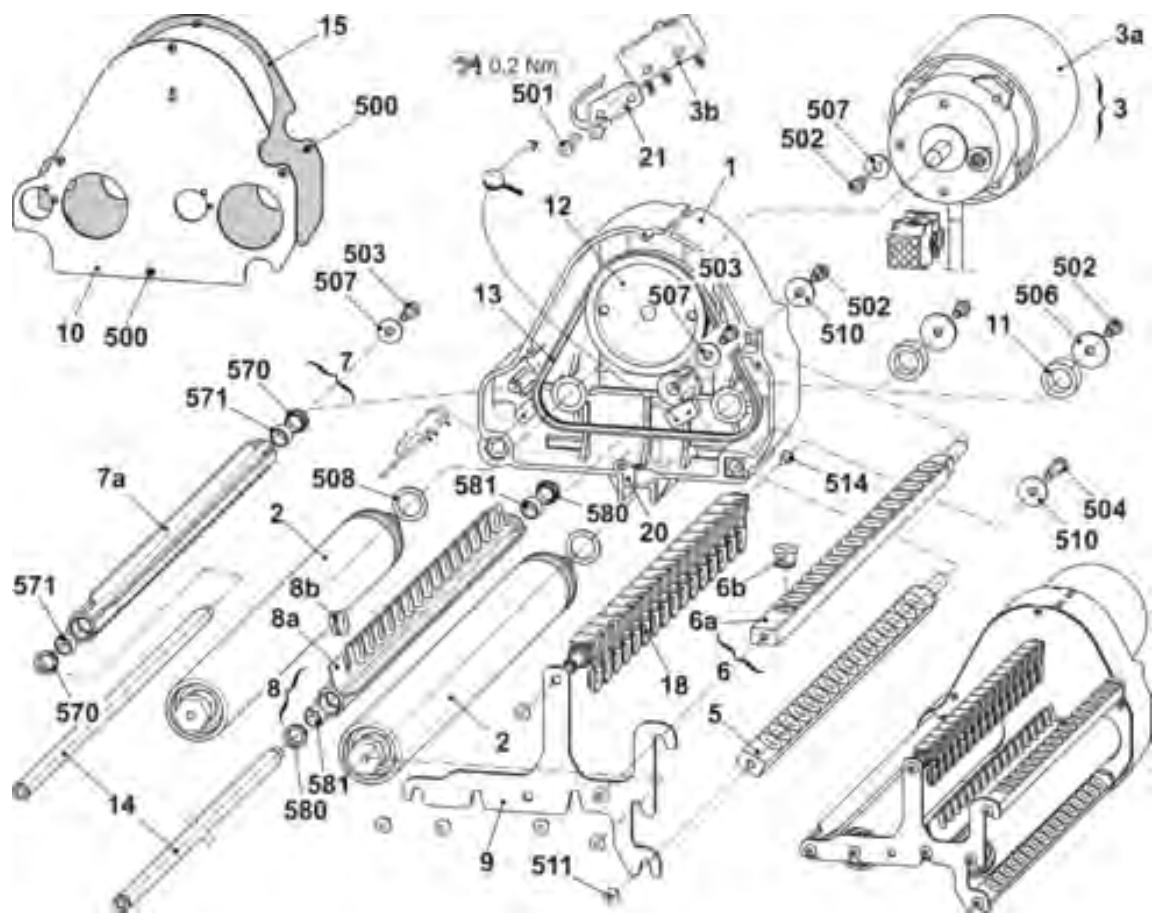
Pos	Designation	ID		Pos	Designation	ID
ΣL	Friction feed wheel 16 fold on the left complete	244 991		ΣR	Friction feed wheel 16 fold on the right complete	244 992
1	Friction feed wheel on the left	244 185		1	Friction feed wheel on the right	244 186
2	Support on the left	243 869		2	Support right	244 142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



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

17.14.1 Friction feed wheel on the left

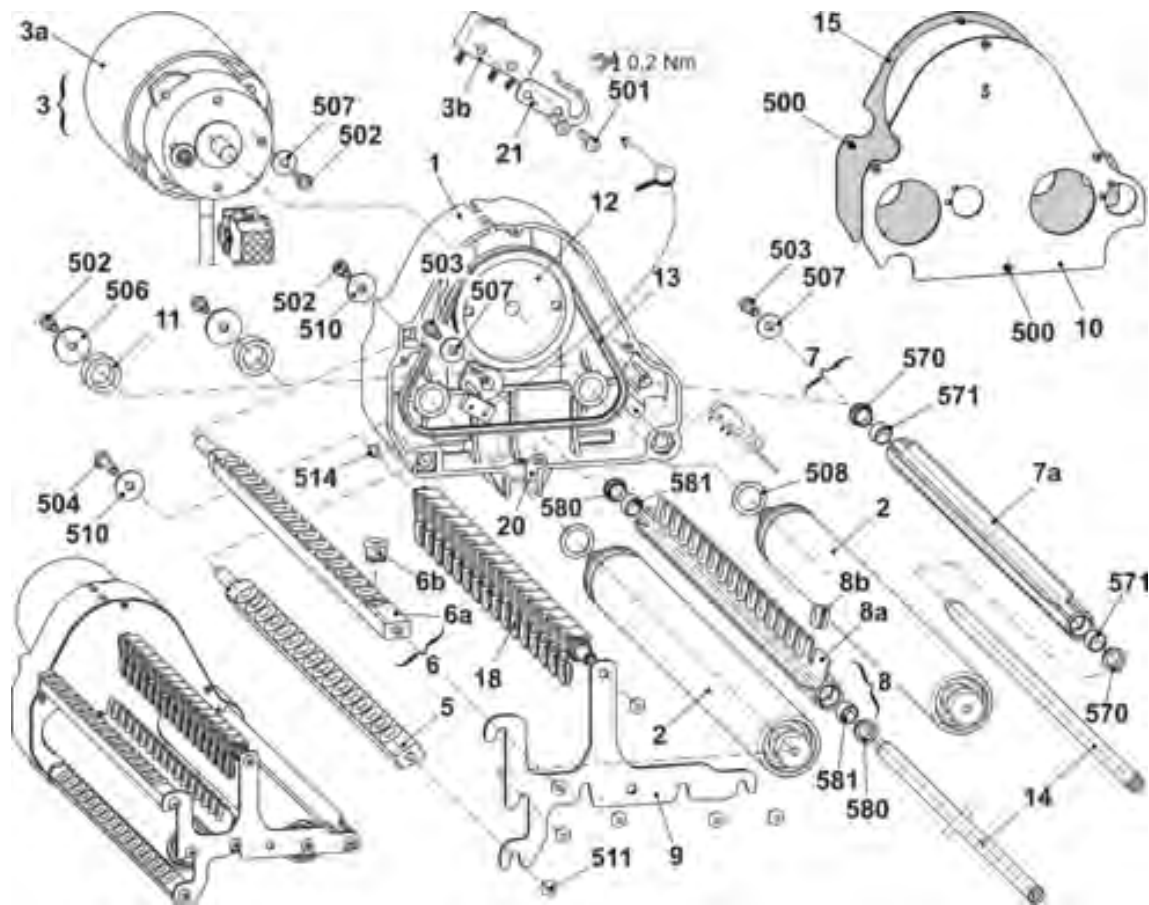
Pos	Designation		ID		Pos	Designation	ID
Σ	Friction feed wheel 16 fold on the left complete		244 185		10	Cover	251 098
1	Housing		240 368		11	Bush	221 391
2	Friction roller complete		243 860		12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete		219 800		13	Ribbed V-belt	206 927
	3a	Three-phase AC motor	220 161		14	Rod	243 868
	3b	Microswitch	008 664		15	Cover	230 758
5	Yarn guide rod 16-fold complete		244 576		18	Deflector complete 16-fold	250 102
6	Yarn guide rod 16-fold complete		244 578		20	Grounding plate	256 622
	6a	Yarn guide rod 16-fold	244 577		21	Spring plate	256 702
	6b	Ceramic eyelet	240 640		500	Screw KB30x8	236 228
7	Stop motion rail on the right complete		243 863		501	Screw M20x10	244 736
	7a	Stop motion rail on the right	243 864		502	Cap screwM5x12	020 132
	570	Slide bearing GFM-101214-07	023 627		503	Cap screwM5x16	022 726
	571	Guide piece	259 453		504	Cap screwM5x25	023 523
8	Stop motion rail on the left complete		243 865		506	Washer5,3x22x2,5	023 219
	8a	Stop motion rail on the left	243 866		507	Washer5	020 901
	8b	Eyelet	230 662		508	Shim ring 15x21x1	023 216
	580	Slide bearing GFM-101214-07	023 627		510	Washer5	023 542
	581	Guide piece	259 453		511	Pan-head screwM5x8	239 408
9	Bracket		251 113		514	Pan-head screwM4x8	023 579



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

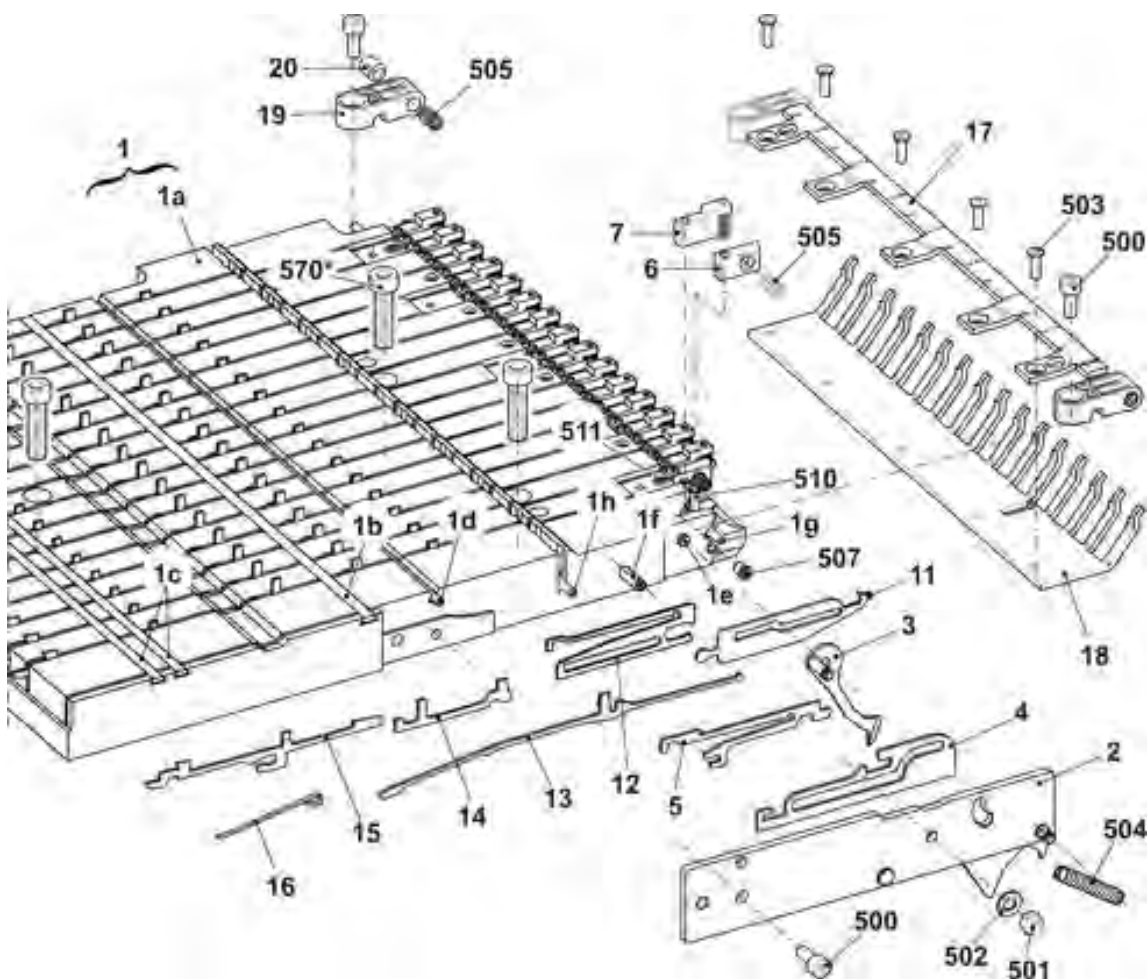
17.14.2 Friction feed wheel on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel 16 fold on the right complete	244 186	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
	3a Three-phase AC motor	220 161	14	Rod	243 868
	3b Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 772	18	Deflector complete 16-fold	250 102
6	Yarn guide rod 16-fold complete	244 578	20	Grounding plate	256 622
	6a Yarn guide rod 16-fold	244 577	21	Spring plate	256 702
	6b Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw M20x10	244 736
	7a Stop motion rail on the right	243 864	502	Cap screwM5x12	020 132
	570 Slide bearing GFM-101214-07	023 627	503	Cap screwM5x16	022 726
	571 Guide piece	259 453	504	Cap screwM5x25	023 523
8	Stop motion rail on the right complete	244 530	506	Washer5,3x22x2,5	023 219
	8a Stop motion rail on the right	244 531	507	Washer5	020 901
	8b Eyelet	230 662	508	Shim ring 15x21x1	023 216
	580 Slide bearing GFM-101214-07	023 627	510	Washer5	023 542
	581 Guide piece	259 453	511	Pan-head screwM5x8	239 408
9	Bracket	251 113	514	Pan-head screwM4x8	023 579



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

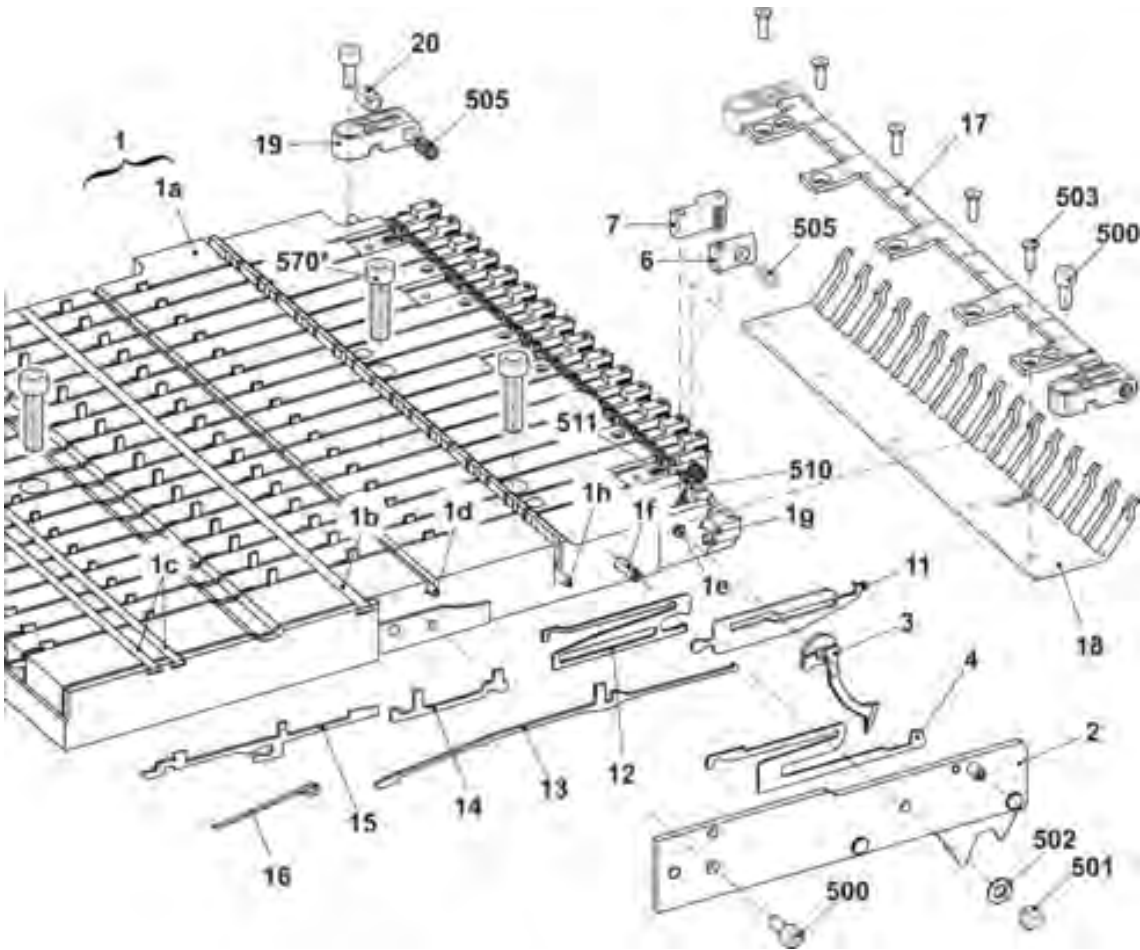
Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping and cutting bed E10-14	253 682	11	Tuck needle on the left E5-14	244 630
1	Guide plate EPT on the left E5-14	257 236	12	Intermediate cam E10-14	244 591
1a	Guide plate on the left E10-14	257 232	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14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



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

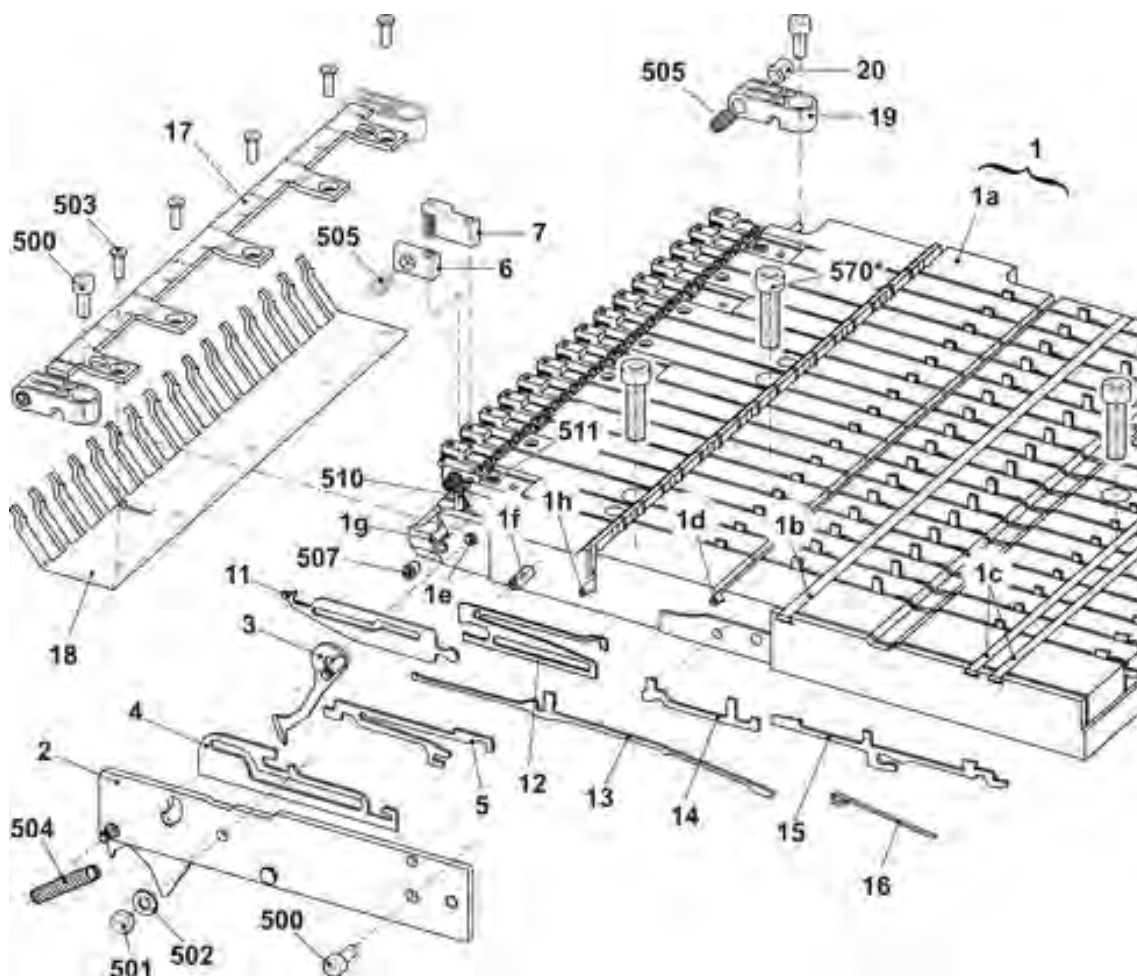
17.16 Left clamping and cutting bed E16|E18|E8.2

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



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

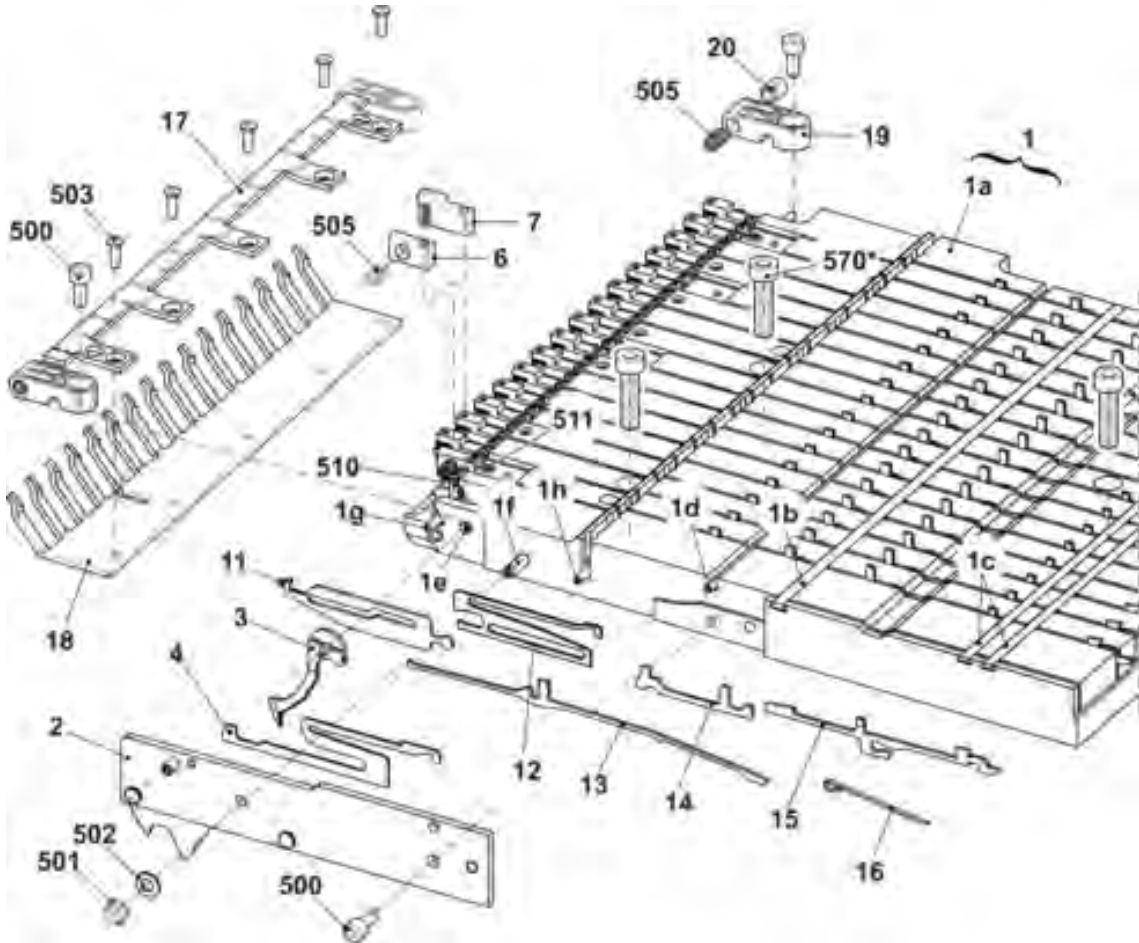
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E10-14	253 681	11	Tuck needle on the right E10-14	244 592
1	Guide plate EPT on the right E5-14	257 235	12	Intermediate cam E10-14	244 591
1a	Guide plate on the right E5-14	257 231	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14	Intermediate slider with brake E5-8	255 534
1c	Cover rail	243 924	15	Selection jack E4-8	200 687
1d	Locating wire	243 925	16	Selector spring E4-8	200 690
1e	Axle	257 201	17	Holding strip on the right	256 995
1f	Guide pin	211 351	18	Deflector plate on the right	255 555
1g	Locating wire	215 927	19	Spring holder	255 724
1h	Locating wire	244 589	20	Threaded bolt	255 723
510	Dowel pin 3x14	252 771	500	Cap screw M4x10	023 136
511	Setscrew M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the right complete E10-14	251 119	502	Washer 4	020 870
3	Catch hook on the right complete E10-18	255 620	503	Pan-head screw M3x10	242 029
4	Slider E10-14	253 089	504	Tension spring 5x0,5x17,4	023 377
5	Intermediate cam E10-14	253 090	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	507	Springy thrust piece	023 403
7	Clamp on the right complete	244 602	570*	Cap screw M6x20	244 824



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

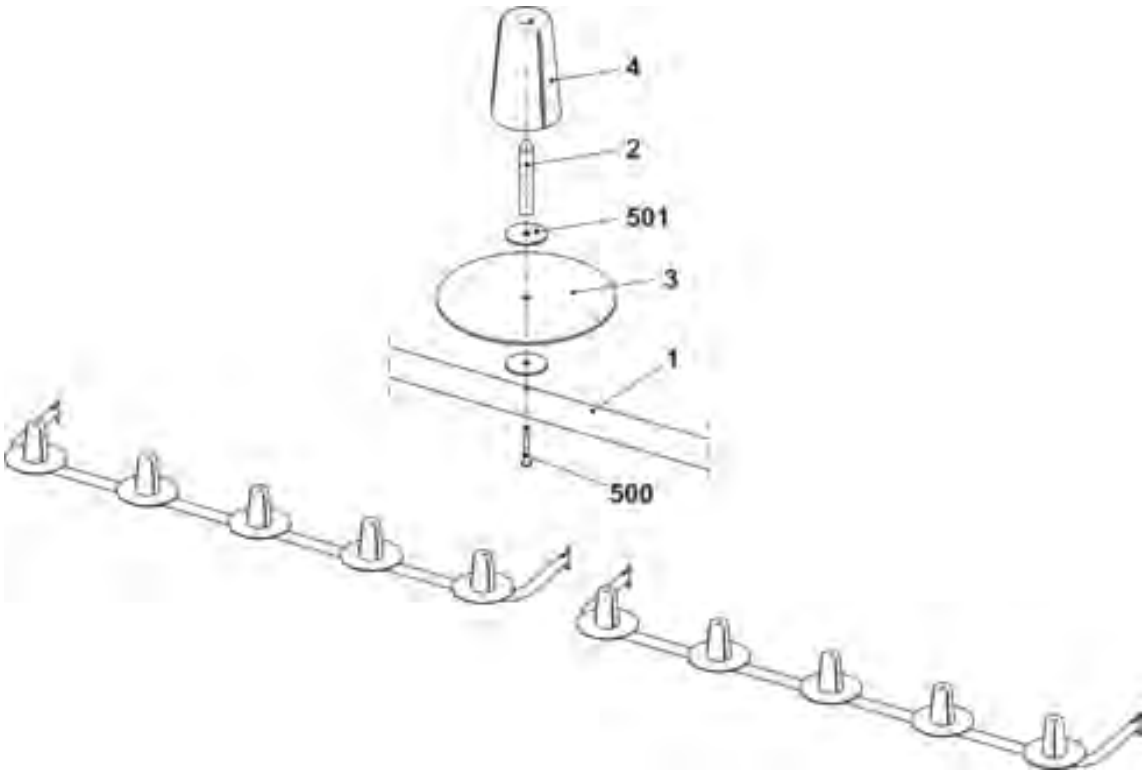
17.18 Right clamping and cutting bed E16 | E18 | E8.2

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



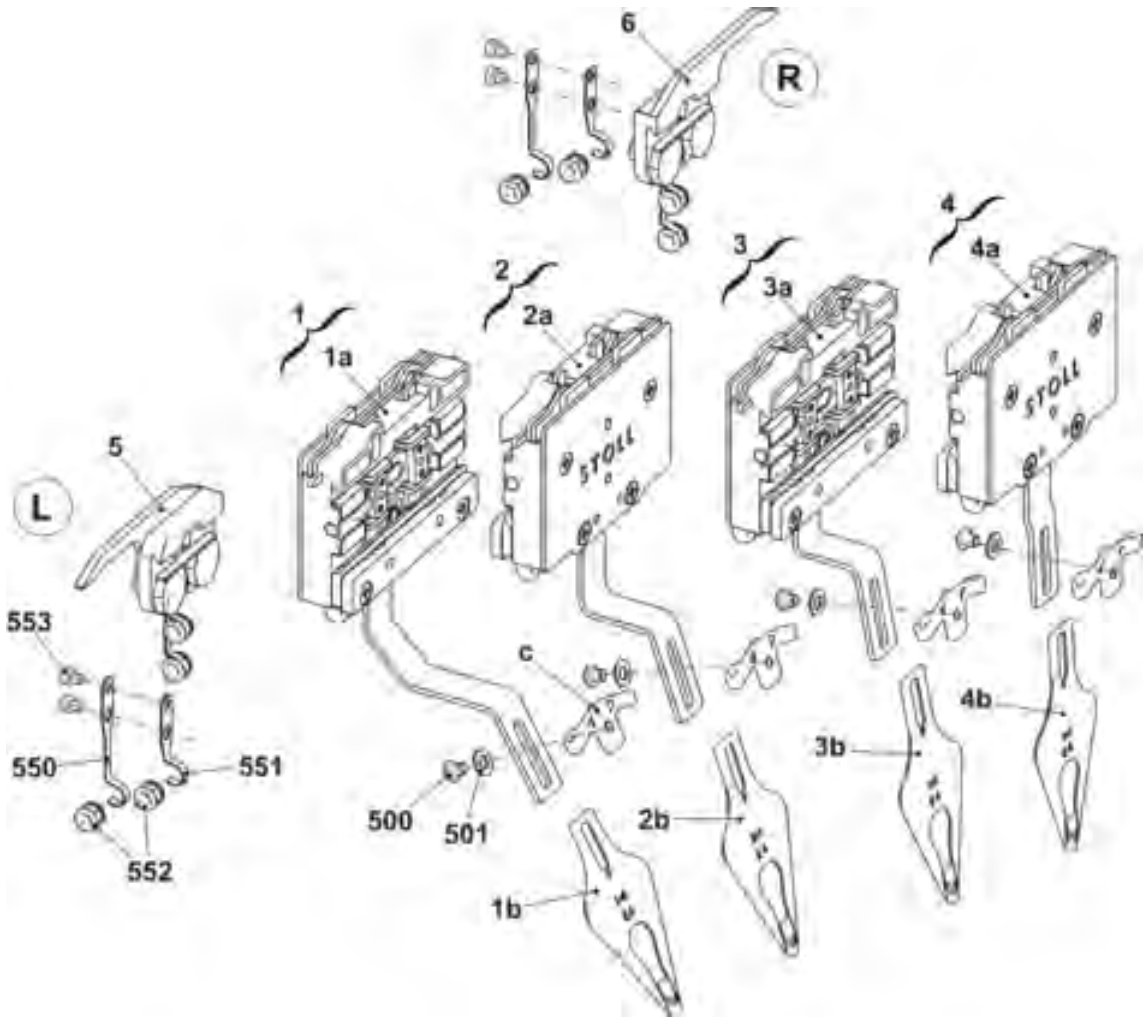
17.19 Additional bobbin board

Pos	Designation	ID		Pos	Designation	ID
Σ	Zusatztisch 7XX/8XX	241 928				
1	Additional bobbin board welded	241 927		4	Bobbin support	200 363
2	Positioning pin	202 777		500	Pan-head screwM4x30	023 681
3	DiskD=130	062 385		501	Washer5,3x30x1,25	023 556



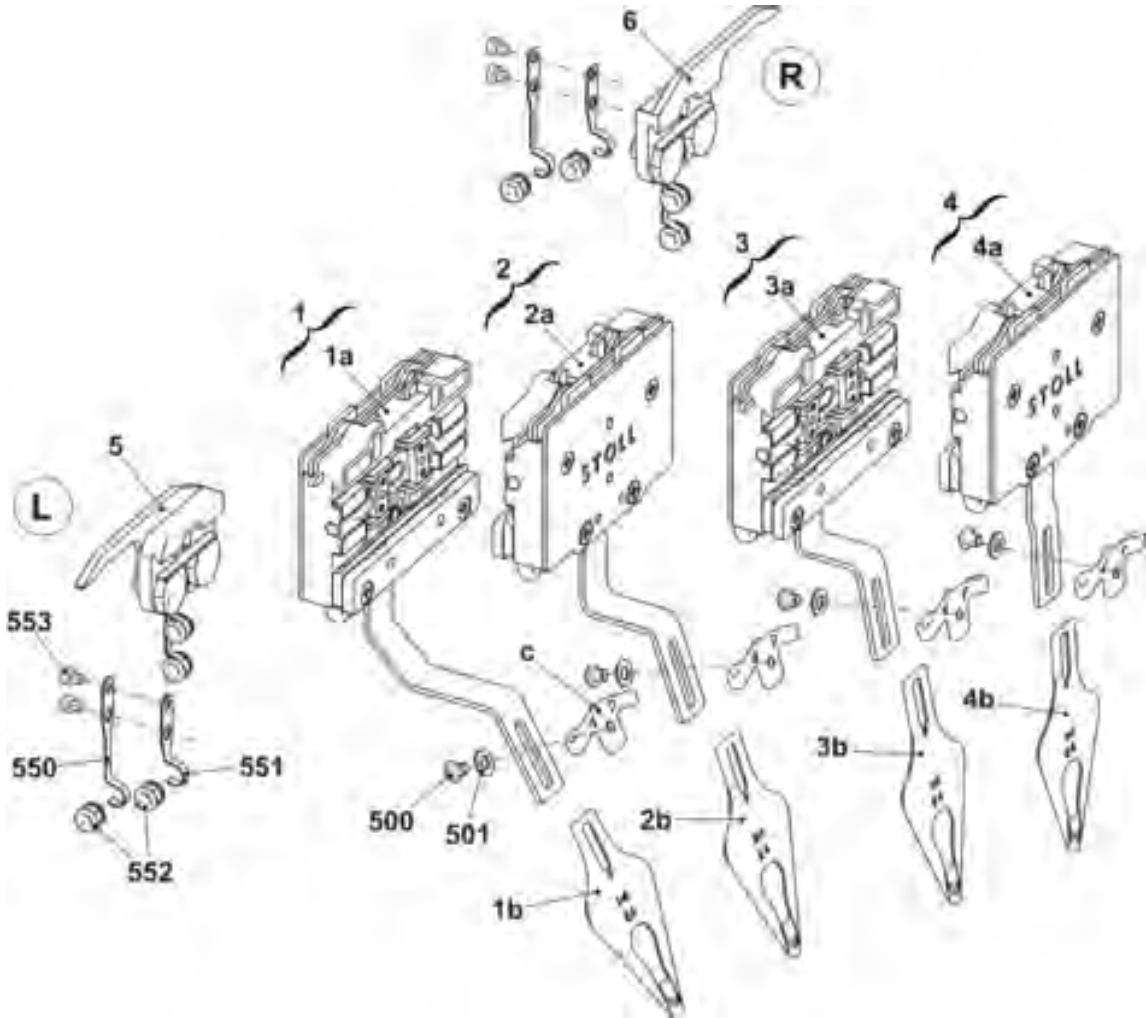
17.20 Yarn guide complete (32 IFF) E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF	245 162			
1	IFF carriage complete 1+8 E7-8 (8 pieces)	259 736	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8 (8 pieces)	259 737		552 Eyelet 4,2	021 499
	2a IFF carriage 2+7	259 729		553 Cap screwM3,5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (8 pieces)	259 738	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	Washer4	020 870
4	IFF carriage complete 4+5 E7-8 (8 pieces)	259 739			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



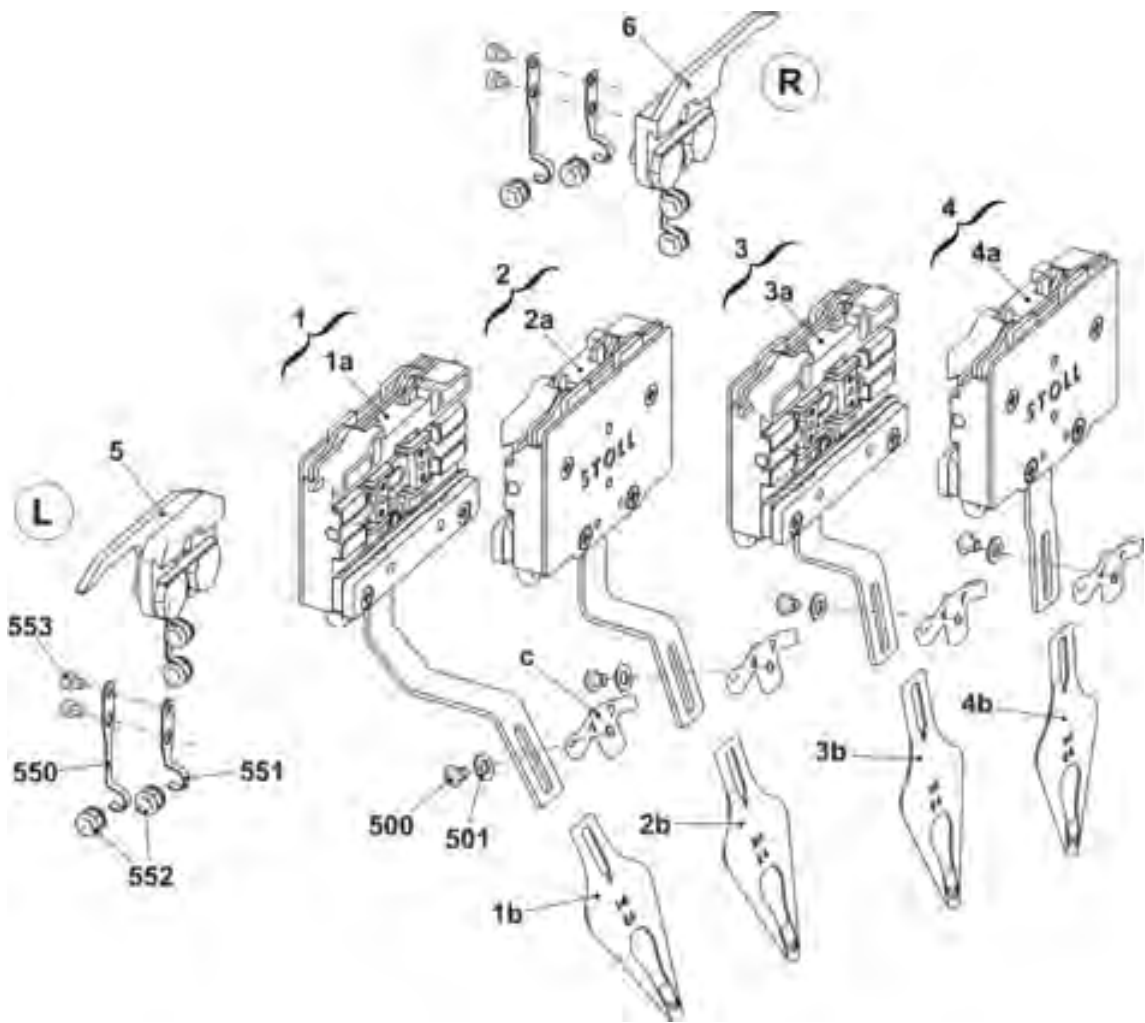
17.21 Yarn guide complete (32 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete IFF E10-14	245 163			
1	IFF carriage complete 1+8 E10-14 (8 pieces)	259 740	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	260 612		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (8 pieces)	259 741		552 Eyelet 4,2	021 499
	A2 IFF carriage 2+7	259 729		553 Cap screw M3,5x4	020 011
	2b Yarn carrier head 2+7 complete E10-14	260 614	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (8 pieces)	259 742	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E10-14	260 610	501	Washer ⁴	020 870
4	IFF carriage complete 4+5 E10-14 (8 pieces)	259 743			
	4a IFF carriage E10-14	259 731			
	4b Yarn carrier head 3-6 complete E10-14	260 610			



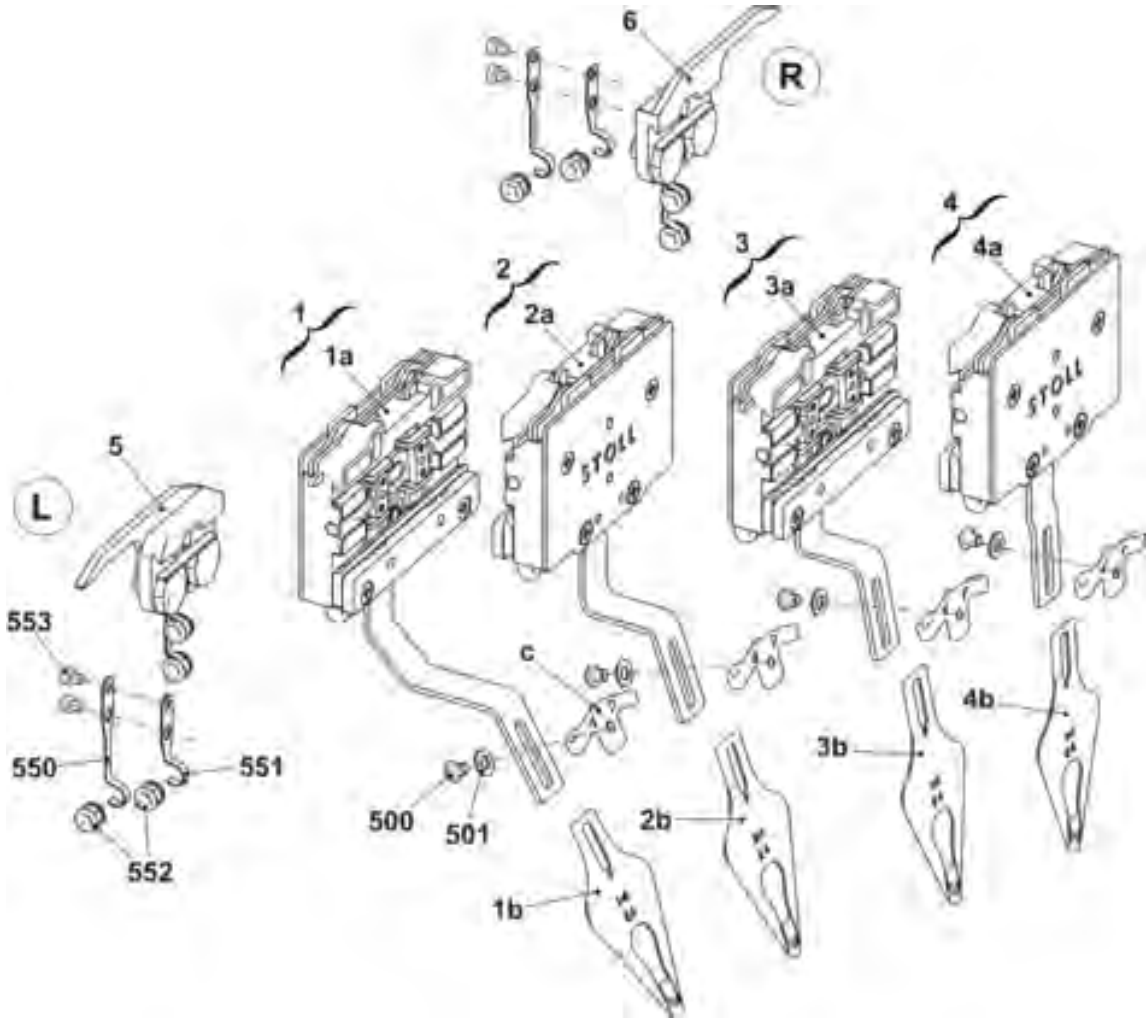
17.22 Yarn guide complete (32 IFF) E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete IFF E16-18	245 164			
1	IFF carriage complete 1+8 E16-18 (8 pieces)	259 744	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	261 516		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (8 pieces)	259 745		552 Eyelet 4,2	021 499
	A2 IFF carriage 2+7	259 729		553 Cap screw M3,5x4	020 011
	2b Yarn carrier head 2+7 complete E16-18	261 517	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (8 pieces)	259 746	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E16-18	261 518	501	Washer4	020 870
4	IFF carriage complete 4+5 E16-18 (8 pieces)	259 747			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E16-18	261 518			



17.23 Yarn guide complete (24 IFF) E6.2

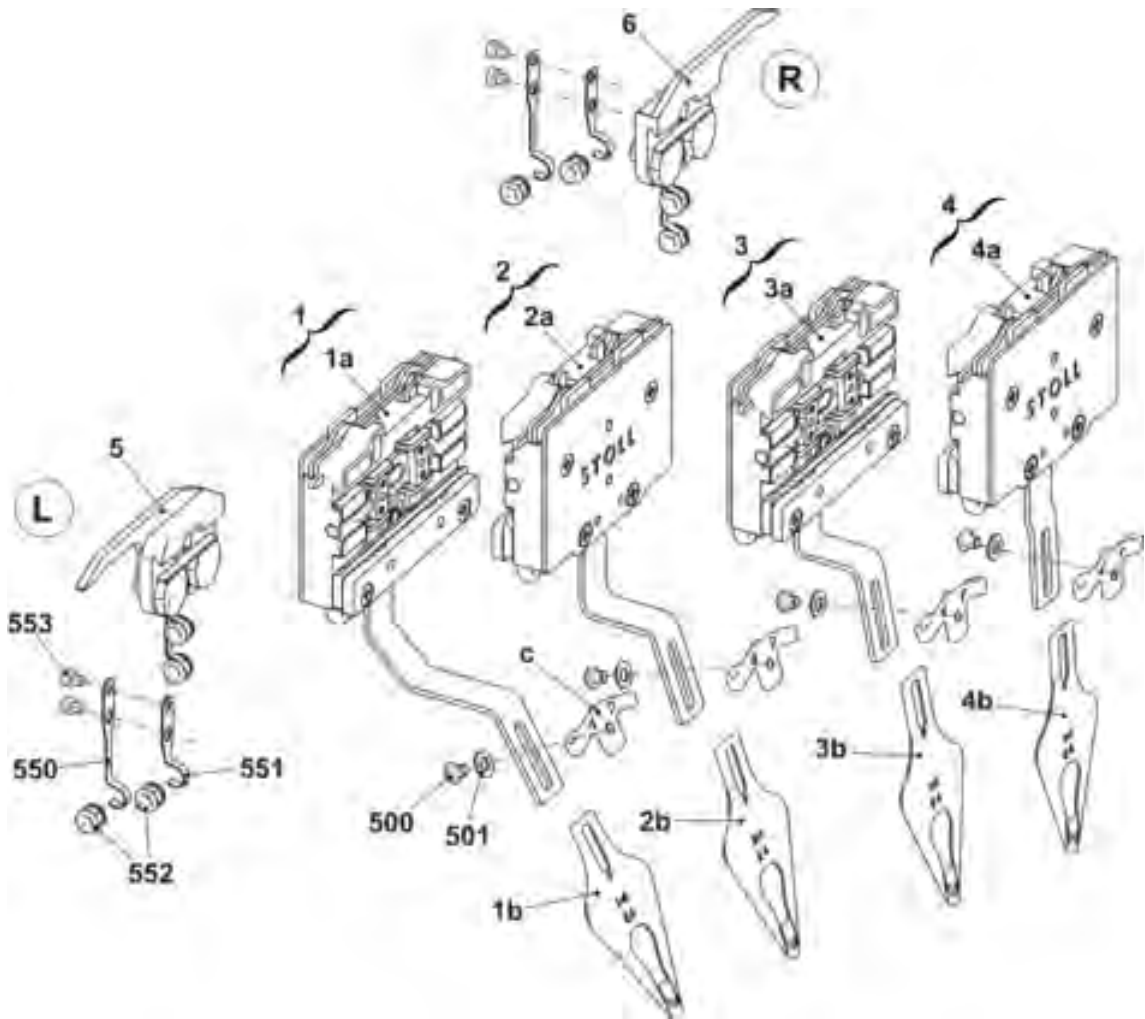
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFF carriage complete 1+8 E7-8 (6 pieces)	259 736	5	Limiters on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244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



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

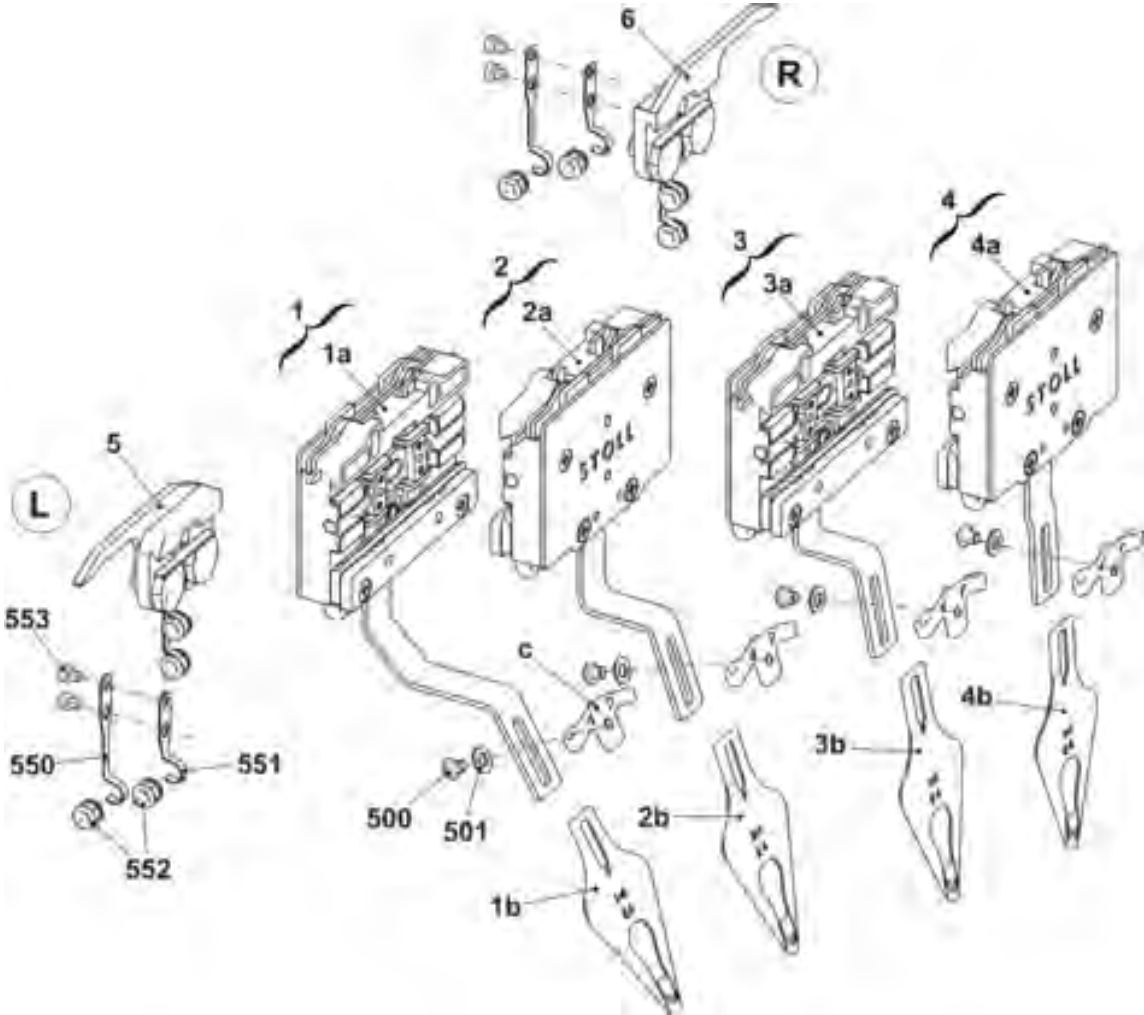
17.24 Yarn guide complete (24 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E10-14 IFF 24	256 936			
1	IFF carriage complete 1+8 E10-14 (6 pieces)	259 740	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	260 612		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (6 pieces)	259 741		552 Eyelet 4,2	021 499
	A2 IFF carriage 2+7	259 729		553 Cap screw M3,5x4	020 011
	2b Yarn carrier head 2+7 complete E10-14	260 614	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (6 pieces)	259 742	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E10-14	260 610	501	Washer4	020 870
4	IFF carriage complete 4+5 E10-14 (6 pieces)	259 743			
	4a IFF carriage E10-14	259 731			
	4b Yarn carrier head 3-6 complete E10-14	260 610			



17.25 Yarn guide complete (24 IFF) E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E16-18 IFF 24	256 937			
1	IFF carriage complete 1+8 E16-18 (6 pieces)	259 744	5	Limiters on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	259 728		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	261 516		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (6 pieces)	259 745		552 Eyelet 4,2	021 499
	A2 IFF carriage 2+7	259 729		553 Cap screw M3,5x4	020 011
	2b Yarn carrier head 2+7 complete E16-18	261 517	6	Limiters on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (6 pieces)	259 746	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	259 730	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E16-18	261 518	501	Washer4	020 870
4	IFF carriage complete 4+5 E16-18 (6 pieces)	259 747			
	4a IFF carriage 4+5	259 731			
	4b Yarn carrier head 3-6 complete E16-18	261 518			



17.26 Stopping device

17.26 Stopping device

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

