

Spare-parts catalog

CMS 822 (Type 623)

Component type 000

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

Table of contents

1	Introduction	9
1.1	Order form	10
1.2	Search help	11
1.3	Torques	12
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 k&w	32
4.6.1	Continuation needle bed E6.2 k&w	33
4.7	Needle bed E7.2 k&w	34
4.7.1	Continuation needle bed E7.2 k&w	35
4.8	Needle bed E6.2 mg	36
4.8.1	Continuation needle bed E6.2 mg	37
4.9	Needle bed E7.2 mg	38
4.9.1	Continuation needle bed E7.2 mg	39
4.10	Needle bed E8.2 mg	40
4.10.1	Continuation needle bed E8.2 mg	41
4.11	Needle bed E6.2(12m.10)	42
4.11.1	Continuation needle bed E6.2(12m.10)	43
4.12	Needle beds, fixing elements	44
4.13	Left clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	45
4.14	Left clamping/cutting bed E16 E18 E8.2	46
4.15	Right clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	47

4.16	Right clamping/cutting bed E16 E18 E8.2	48
4.17	Cover on the left and on the right	49
4.18	Connection measuring bar	50
5	Tandem carriage	51
5.1	Overview of carriage	52
5.1.1	Carriage components	53
5.1.2	Carriage	54
5.1.3	Carriage cover	55
5.1.4	Carriage coupling	56
5.1.5	Brush holder	57
5.1.6	Yarn carrier driving without guiding part	58
5.1.7	Yarn carrier driving with guiding part	59
5.1.8	Holding-down jack control	60
5.1.8.1	Jack cam box E10	61
5.1.8.2	Jack cam box E12 E14 E6.2(E12m.10) E6.2 mg	62
5.1.8.3	Jack cam box E16 E18 E8.2 mg	63
5.1.8.4	Jack cam box E6.2 kw	64
5.1.8.5	Jack cam box E7.2 kw	65
5.1.8.6	Jack cam box E7.2 mg	66
5.1.8.7	Support complete	67
5.1.9	Needle detector	68
5.1.10	Cam box E10	69
5.1.10.1	Cams E10	70
5.1.11	Cam box E12	71
5.1.11.1	Cams E12	72
5.1.12	Cam box E14	73
5.1.12.1	Cams E14	74
5.1.13	Cam box E16 E18	75
5.1.13.1	Cams E16 E18	76
5.1.14	Cam box E6.2 (12m.10)	77
5.1.14.1	Cams E6.2 (12m.10)	78
5.1.15	Cam box E6.2 kw	79
5.1.15.1	Cams E6.2 kw	80
5.1.16	Cam box E7.2 kw	81
5.1.16.1	Cams E7.2 kw	82
5.1.17	Cam box E6.2 mg	83
5.1.17.1	Cams E6.2 mg	84
5.1.18	Cam box E7.2 mg	85
5.1.18.1	Cams E7.2 mg	86
5.1.19	Cam box E8.2 mg	87
5.1.19.1	Cams E8.2 mg	88
5.1.20	Cams for narrow coupling E10 E12 E14 E16 E18 E6.2(12m.10) E6.2 mg E7.2 mg E8.2 mg	89
5.1.21	Cams for narrow coupling E7.2 kw E8.2 kw	90
5.2	Spare parts package carriage guide bar	91
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 right	96
6.3.1	Mounting plate	97
6.3.2	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
6.5	Take-down closing device	105
6.5.1	Continuation take-down closing device	106
6.5.1.1	Right swivel support	107
6.5.1.2	Swivel holder in the middle	108
6.5.1.3	Left swivel holder	109
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/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	Switch 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 unit	133
9.3	Left yarn guide	134
9.3.1	Left yarn tensioner	135
9.3.2	Yarn brake and yarn deflector	136
9.3.3	Left tension axle	137
9.4	Right yarn guide	138
9.4.1	Right yarn tensioner	139
9.4.2	Right tension axle	140

9.5	Bobbin board	141
9.6	Complete yarn carriers	142
9.7	Yarn carrier and guide rails	143
9.8	Left friction feed wheel	144
9.9	Right friction feed wheel	145
10	Fluff absorption	147
10.1	Fluff absorption	148
10.1.1	Lint container	149
10.1.2	Set of tubes on the left and right	150
10.1.3	Suction tube	151
11	Operation and control	153
11.1	Input unit	154
11.2	Starting unit	155
11.2.1	Bearing of the engaging rod	156
11.3	Signal light	157
11.4	Collecting area - control	158
11.5	Shock stop motion E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	159
11.6	Shock stop motion E16 E18 E8.2	160
11.7	Measuring device	161
12	Protective units	163
12.1	Lateral safety covers	164
12.2	Panelling	165
12.3	Rear panel	166
13	Electrical equipment	167
13.1	Circuit diagram (221) as PDF	168
13.2	Fuses	169
13.3	Trailing cable	170
13.4	Cable	171
13.5	Continuation of cable I	172
13.6	Continuation of cable II	173
14	Control electronics	175
14.1	Left control cabinet	176
14.2	Right control cabinet	177
15	Deliverable accessories	179
15.1	Fuses	180
15.2	Tool	181
15.3	Lubricating stuff	182

15.4	Mechanical parts	183
16	Special equipment	185
16.1	Complete intarsia yarn carriers type 2	186
16.2	Plating yarn carrier 3+6	187
16.3	Plating yarn carrier 4+5	188
16.4	Carriage of plating yarn carrier (43 mm)	189
16.5	Carriage of plating yarn carrier (adjustable)	190
16.6	STIXX device	191
16.7	Feed wheel SFE	192
16.8	Bobbin holder on the left	193
16.9	Bobbin holder on the right	194
16.10	Additional board at the bottom	195
17	Conversion kit with 24 and 32 IFF Type 2	197
17.1	Overview of conversion kit with 24 IFF E10 E12 E14 E6.2(12m.10) E7.2	198
17.2	Overview of conversion kit with 24 IFF E16 E18	199
17.3	Overview of conversion kit with 24 IFF E6.2	200
17.4	Overview of conversion kit with 24 IFF E8.2	201
17.5	Overview of conversion kit with 32 IFF E10 E12 E14 E6.2(12m.10) E7.2	202
17.6	Overview of conversion kit with 32 IFF E16 E18	203
17.7	Overview of conversion kit with 32 IFF E6.2	204
17.8	Overview of conversion kit with 32 IFF E8.2	205
17.9	Parts for the safety door on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	206
17.9.1	Yarn tensioner on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	207
17.9.1.1	Tension axle E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	208
17.9.2	Yarn brake	209
17.9.3	Deflector	210
17.10	Parts for the right safety door E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	211
17.10.1	Yarn tensioner on the right E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	212
17.11	Parts for the safety door on the left E6.2	213
17.11.1	Yarn tensioner on the left E6.2	214
17.11.1.1	Tension axle E6.2	215
17.11.2	Deflector on the left	216
17.12	Parts for the right safety door E6.2	217
17.12.1	Yarn tensioner on the right E6.2	218
17.12.2	Yarn brake	219
17.12.3	Deflector on the right	220
17.13	Parts for the yarn guide system	221
17.14	Friction feed wheel on the left and on the right co.	222
17.14.1	Friction feed wheel on the left	223

17.14.2 Friction feed wheel on the right	224
17.15 Thread deflector on the left	225
17.16 Yarn deflector on the right	226
17.17 Left clamping/cutting E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	227
17.18 Left clamping/cutting bed E16 E18 E8.2	228
17.19 Right clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	229
17.20 Right clamping/cutting bed E16 E18 E8.2	230
17.21 Additional board	231
17.22 Yarn guide complete (32 IFF) E6.2	232
17.23 Yarn guide complete (32 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	233
17.24 Yarn guide complete (32 IFF) E16 E18	234
17.25 Yarn guide complete (24 IFF) E6.2	235
17.26 Yarn guide complete (24 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	236
17.27 Yarn guide complete (24 IFF) E16 E18	237

1 Introduction

Imprint

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

The indications of this catalog are without liability.

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H. Stoll GmbH & Co.KG

Stollweg 1

D-72760 Reutlingen, Germany

Phone +49 (07121) 313-289

Fax: +49 7121 313-347

e-mail: spareparts@stoll.com

Notes for the order

This catalog serves to order spare parts.

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

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

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

Please use the order form!

Only genuine STOLL spare parts may be used for repairs.

Spare parts order

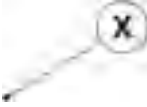
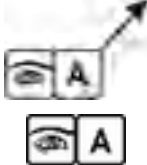
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Date: _____

Signature _____

1.2 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.

1.3 Torques

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

Preferential row of screw torques

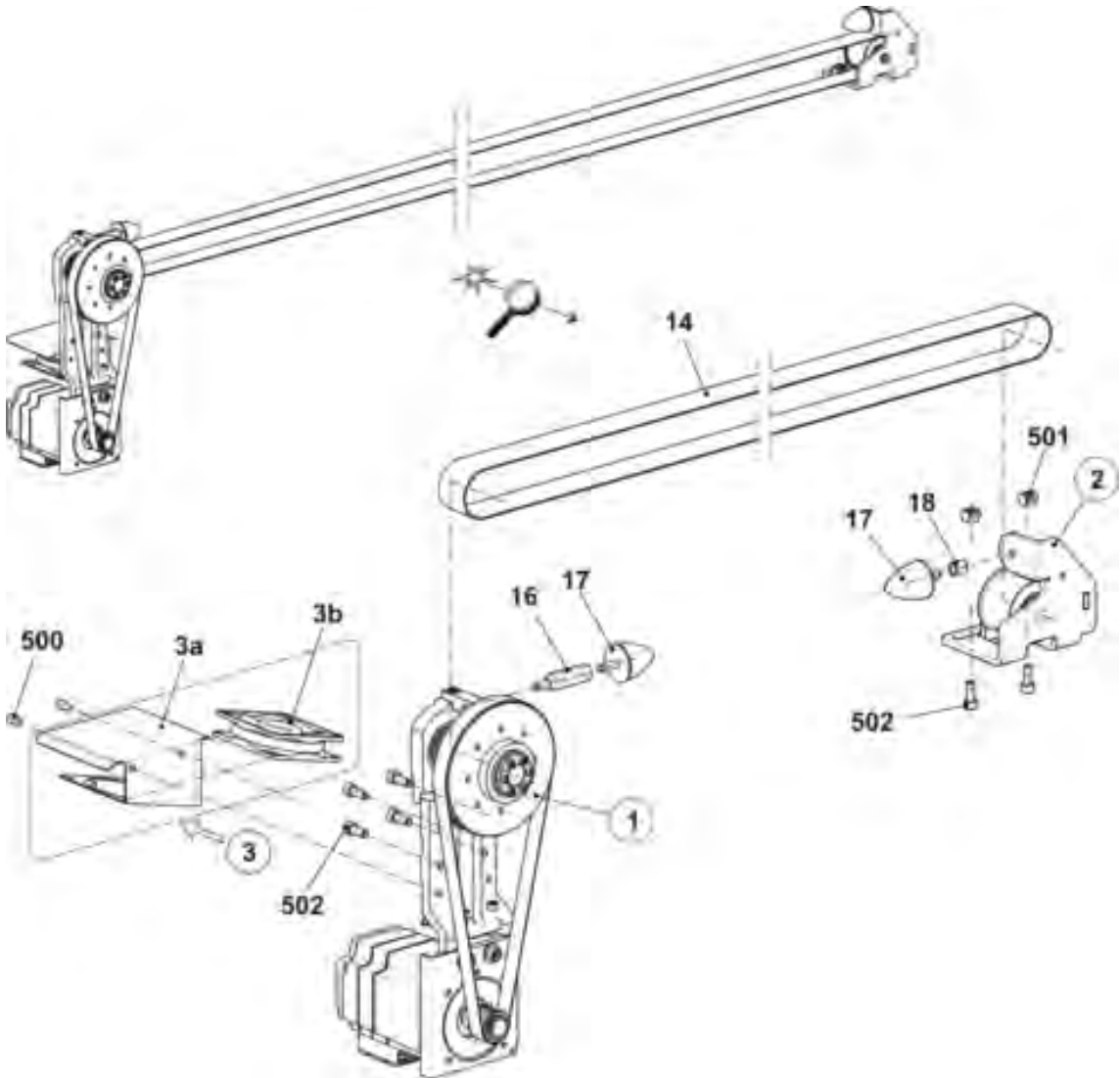
- Torques are valid for:
Connection steel-steel, black, phosphatized, galvanized, rolled or cut thread as well as only for plain (head) supports.
- Torques are valid for:
protected screws with: lock washers, rib heads, coated and clamping screws and nuts. They are also not used for self-grooving threads.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

2 Carriage drive



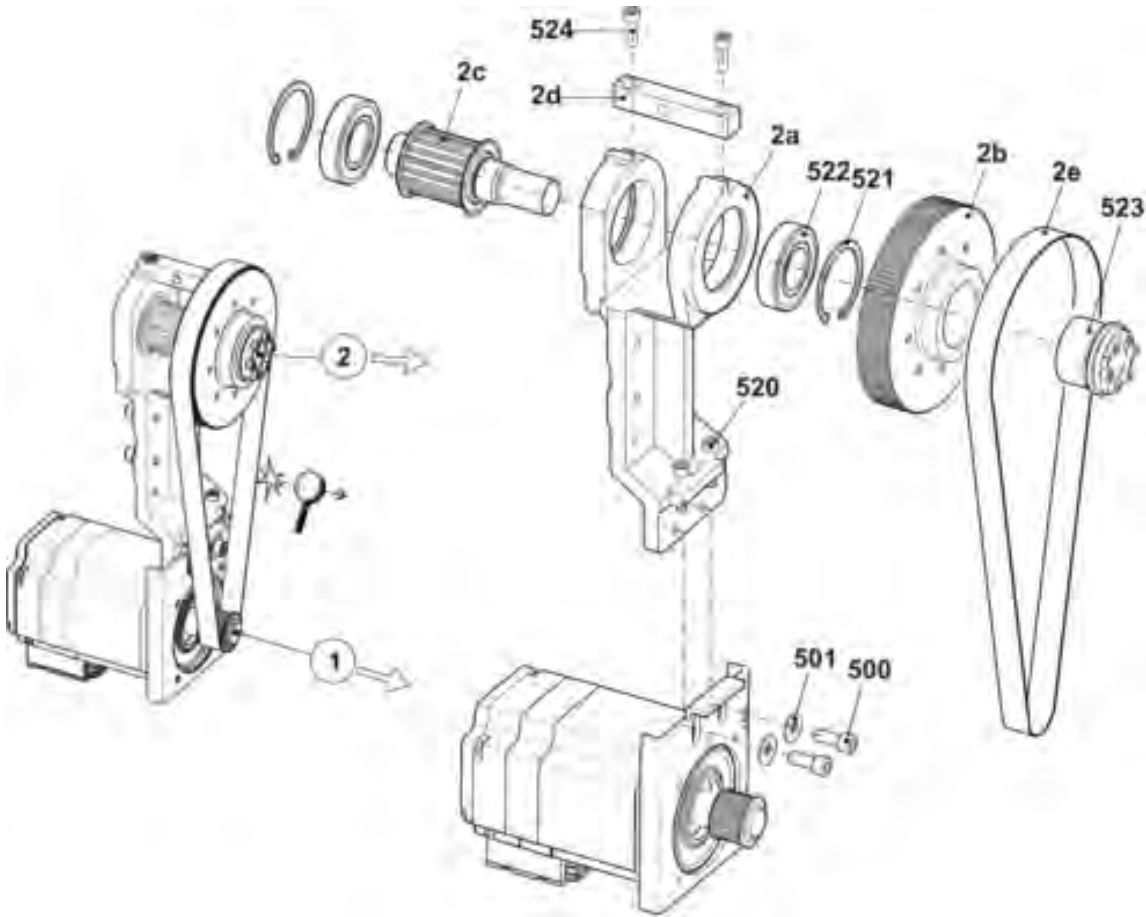
2.1 Drive

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	Ventilator complete	242 413	18	Distance pipe	222 099
	3a Ventilator plate drive motor	241 823	500	Cap screws M8x12	023 138
	3b Ventilator complete	213 722	501	Slide nut M10x2	023 471
14	Toothed belt 50AT10/7150	236 656	502	Cap screws M10x25	020 157



2.1.1 Motor and belt drive

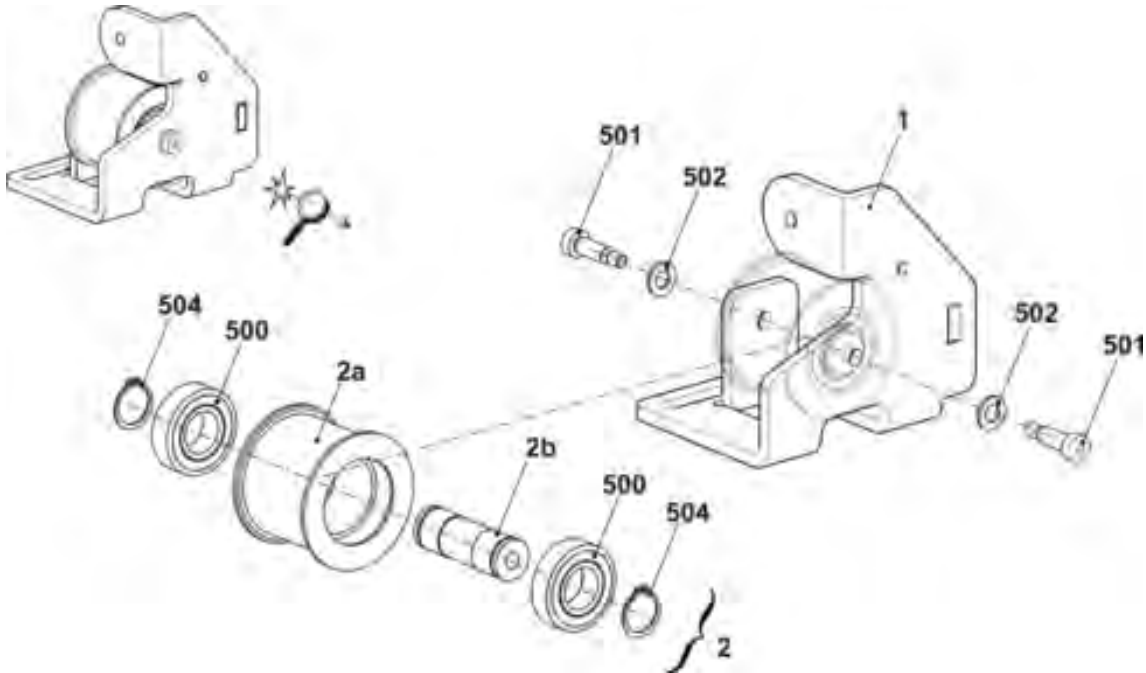
Pos	Designation		Id		Pos	Designation		Id
Σ	Drive unit complete		240 743					
1	Drive unit		256 301			2d	Support of buffer	222 100
500	Cap screw M10X25		020 157			2e	Toothed belt 250 HP-S5M 1050 NG	240 628
501	Disc 10.5X25X2.5		022 178			520	Cap screw M8X35	020 144
2	Drive bearing complete		240 742			521	Locking ring 68x2.5	022 914
	2a	Drive bearing	241 654			522	Grooved ball bearing 6207-2RS	022 915
	2b	Toothed belt pulley	240 616			523	Tension set 30x55	023 208
	2c	Pinion	242 039			524	Cap screw M8x16 8.8	020 142



2.1 Drive

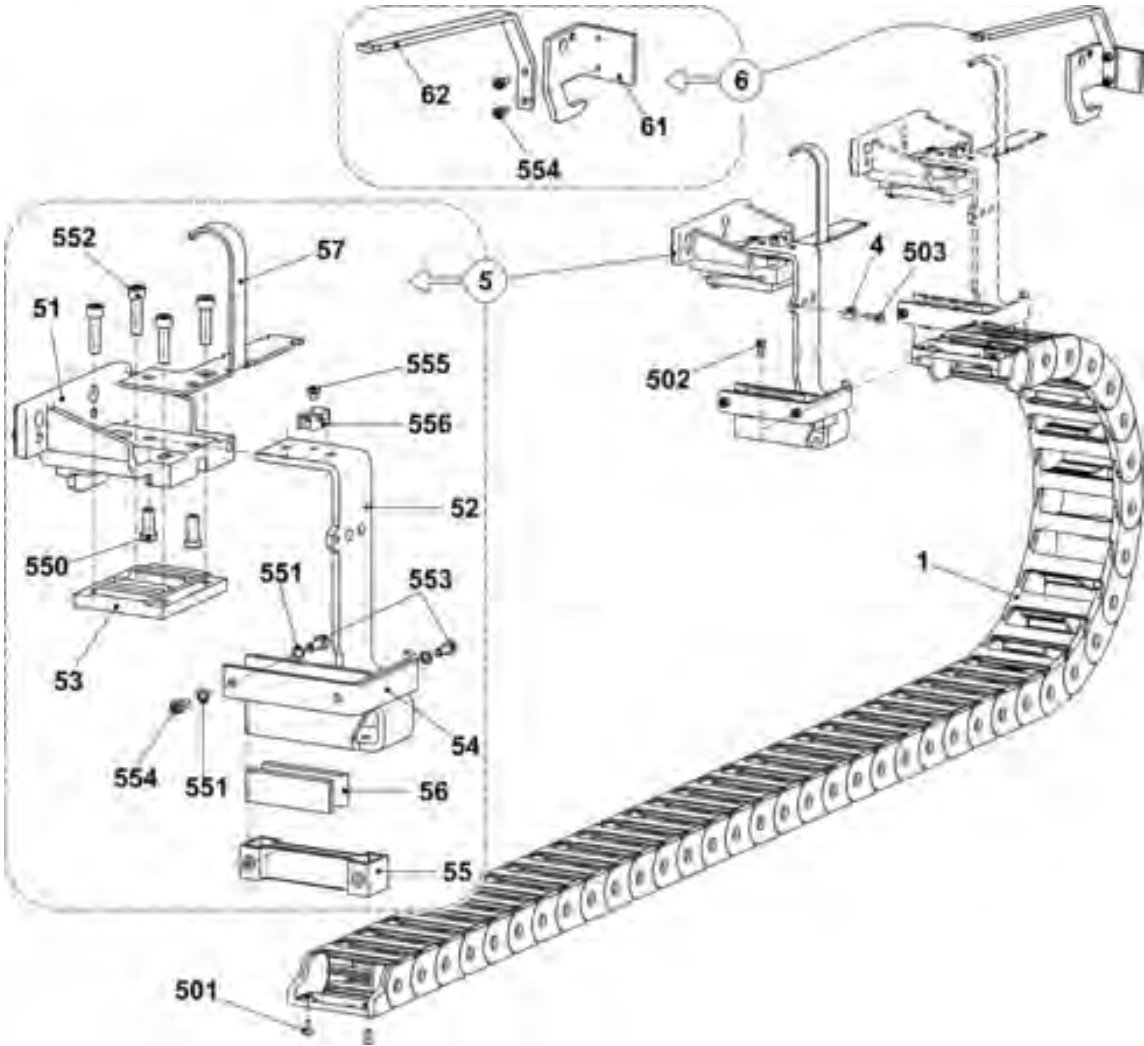
2.1.2 Tension bearing

Pos	Designation		Id		Pos	Designation		Id
Σ	Tension bearing complete		251 581					
1	Tension bearing		251 560			500	Grooved ball bearing625-6305-2RS	255 686
2	Tension roller complete		256 640			504	Locking ring 471-25x1,2	
	2a	Tension roller	255 684		501	Cap screwM10x25		023 751
	2b	Axle	251 579		502	U-washer		020 874



2.2 Energy chain and plunger

Pos	Designation	Id	Pos	Designation	Id
1	Energy chain 41 links	236 927	5	Continuation carriage driver complete	
4	Spacer	214 584	550	Cap screw M8x20-8.8	023 621
501	Cap screw M6x8	023 411	551	Circlip	022 752
502	Cap screw M6x12	020 134	552	Cap screw M8X30	020 143
503	Cap screw M6x16	020 135	553	Cap screw M6x16	020 135
5	Carriage driver complete	242 803	554	Cap screw M6x12	020 134
51	Carriage driver 2 cam box	242 255	555	Countersunk screw M5x6	023 284
52	Cable driver	251 262	556	Fixing element	026 489
53	Clamping plate	226 111	6	Stop point complete	242 776
54	Cover strip	230 698	61	Stop point	242 528
55	Cable holder	204 688	62	Cable holder	244 330
56	Cellular caoutchouc black	202 597	554	Cap screw M6x12	020 134
57	Retaining plate	226 129			



2.2 Energy chain and plunger

Notes:

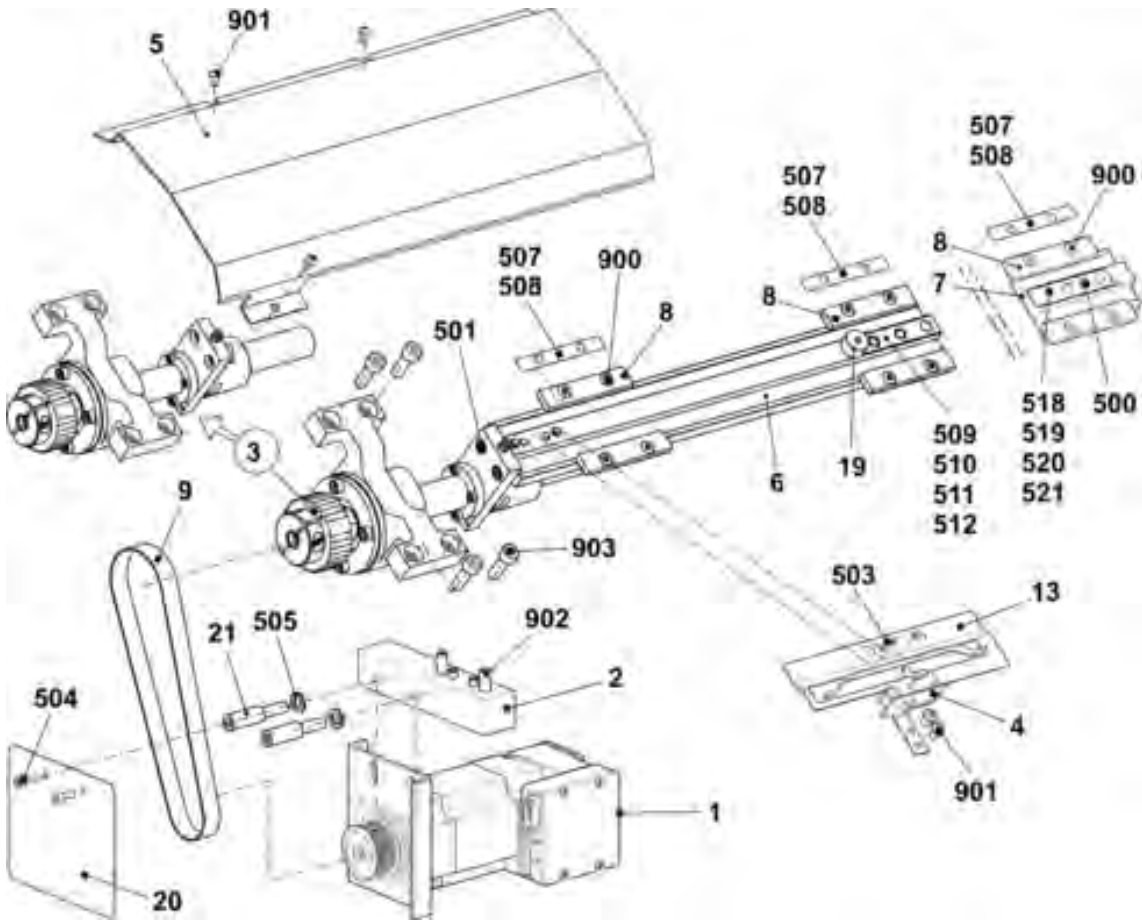
3 Racking



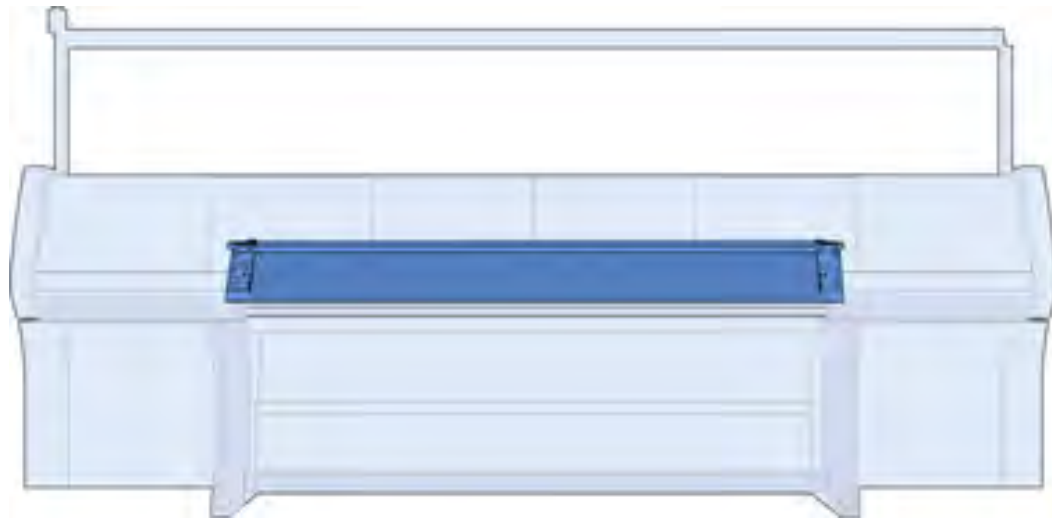
3.1 Racking drive

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	U-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 belt 150 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	Countersunk screw M6x10	023 183
501	Cap screw M6X16	023 116	902	Cap screw M8x30	020 143
503	Countersunk screw M6x10	023 183	903	Cap screw M8x25	020 142



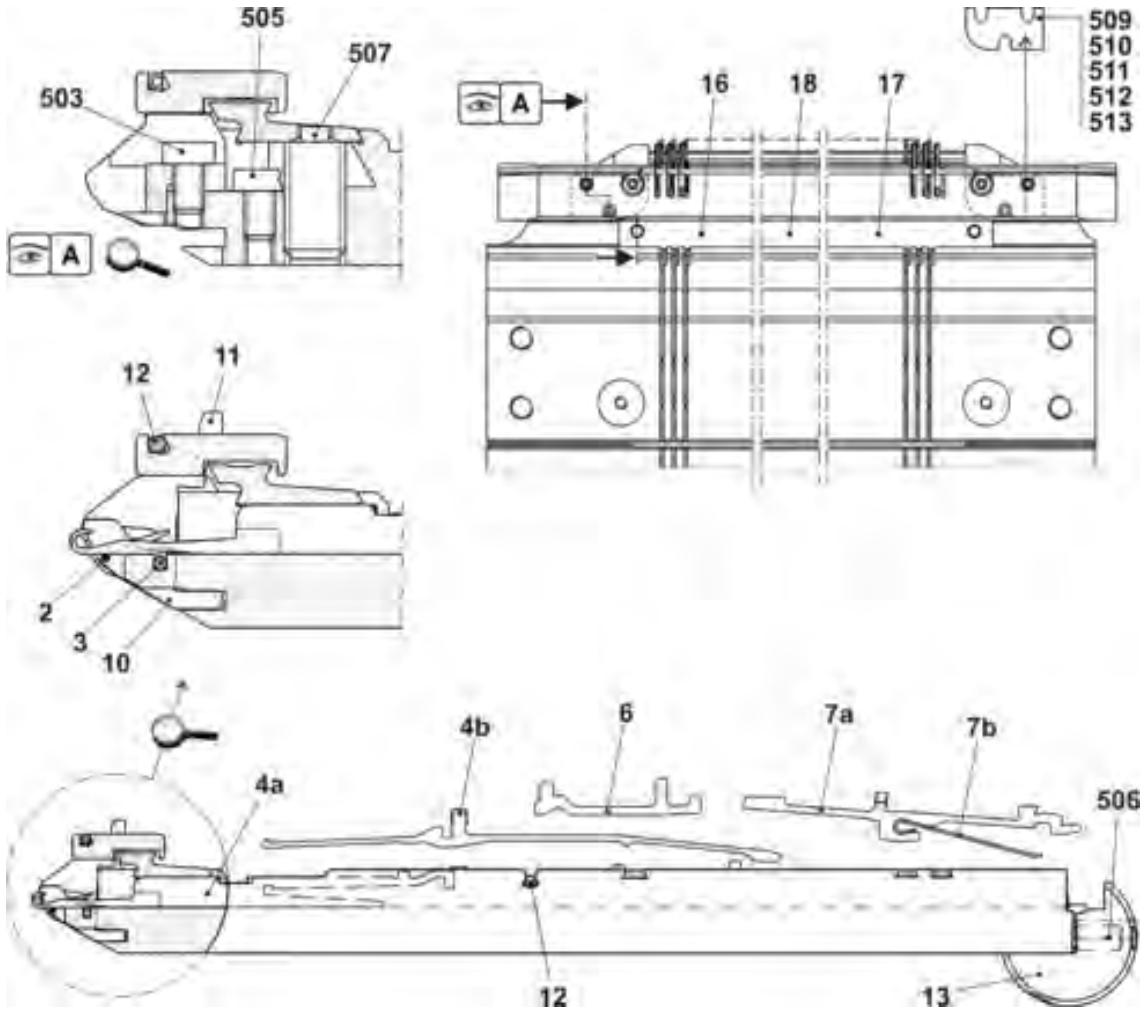
4 Needle beds



4.1 Needle bed E10

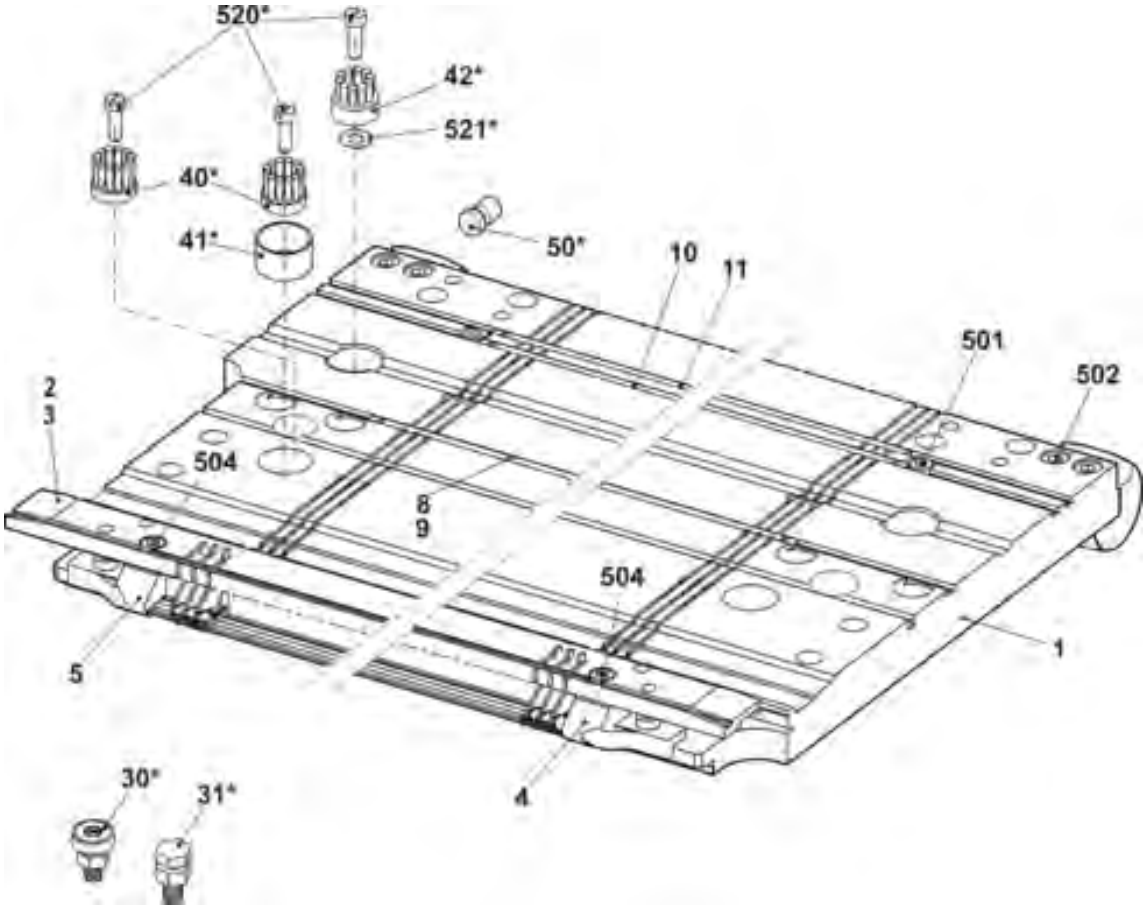
4.1 Needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E10	256 533		16	Needle rail on the left	205 311
2	Spring steel wire E10-14 Ø0.6	223 849		17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854		18	Needle rail in the middle	237 387
4a	Needle E10 with round hook	205 398		503	Cap screw M5x8-8.8	023 154
4b	Coupling part E10-12	253 382		505	Cap screw M5x8	023 379
6	Intermediate slider with brake E10-12	255 535		506	Set screw M6x12-45	022 400
A7	Selector spring E10-12	200 691		507	Sprung thrust piece B-M10	023 177
7b	Selection jack E10-12	200 688		509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E10	239 756		510	Shim 0.03x18.5x34	023 195
11	Holding-down jack trick wall E10	239 815		511	Shim 0.05x18.5x34	023 196
12	Fixed wire Ø2.8	223 862		512	Shim 0.1x18.5x34	023 197
13	Support	206 352		513	Shim 0.2x18.5x34	023 253



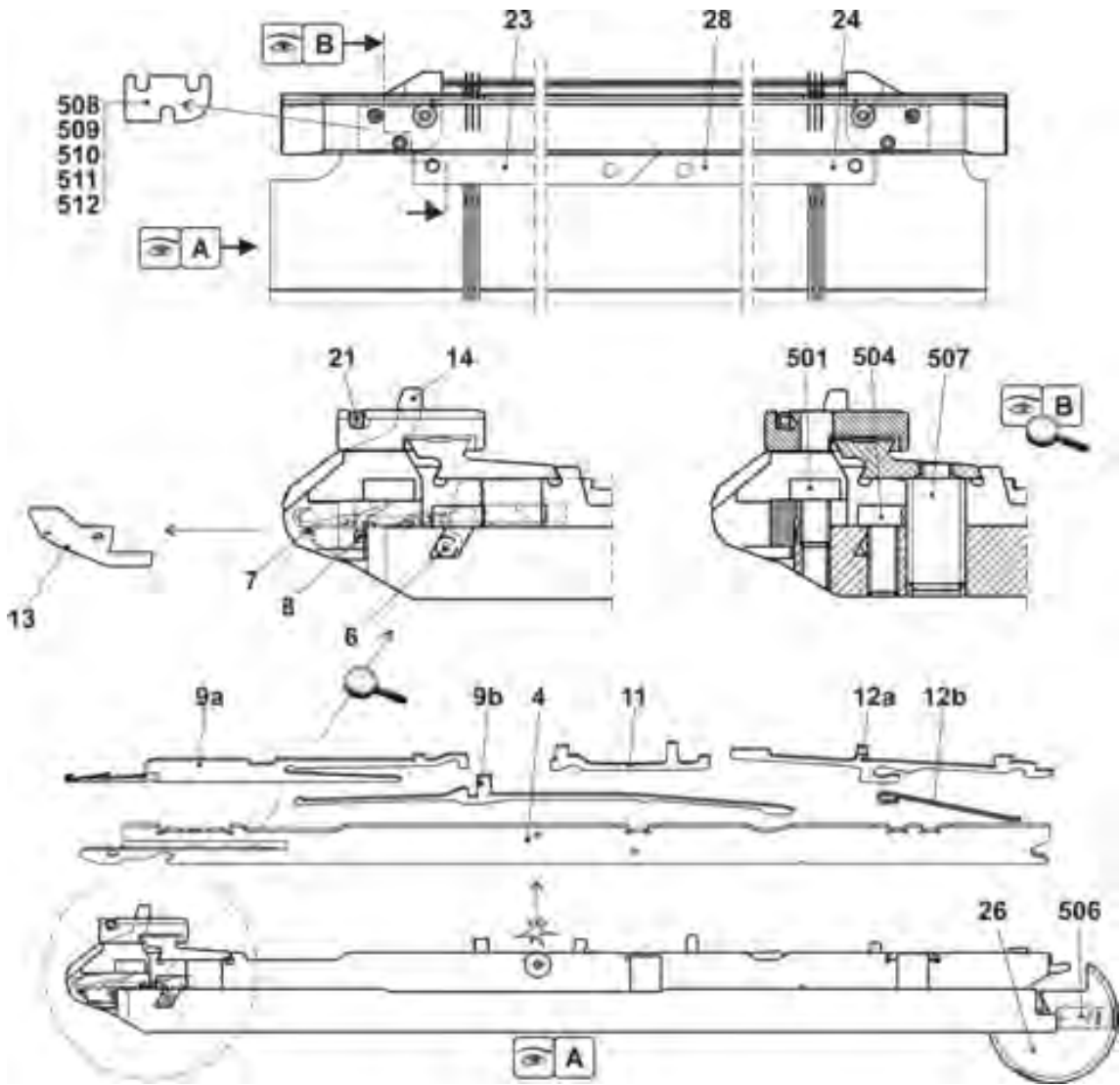
4.1.1 Continuation needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E10	256 535				
1	Needle bed at the front + rear E10	253 461		502	Cap screw M6x25	020 137
2	Holding-down jack bed at the rear E10	238 030		504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E10	238 024		30*	Adjusting piece	206 375
4	Limiter on the left E10-14	205 764		31*	Set screw complete	207 712
5	Limiter on the right E10-14	205 765		40*	Disk brush	235 612
8	Cover rail at the rear	237 379		41*	Container, plate brush	233 012
9	Cover rail at the front E5.2	237 506		42*	Disk brush	235 612
10	Cover rail	237 382		50*	Adjusting bolt	240 765
11	Cover rail	237 383		520*	Cap screw M5x12	020 032
501	Cap screw M5x10	022 918		521*	Adjusting washer P6x12x0.3	023 540



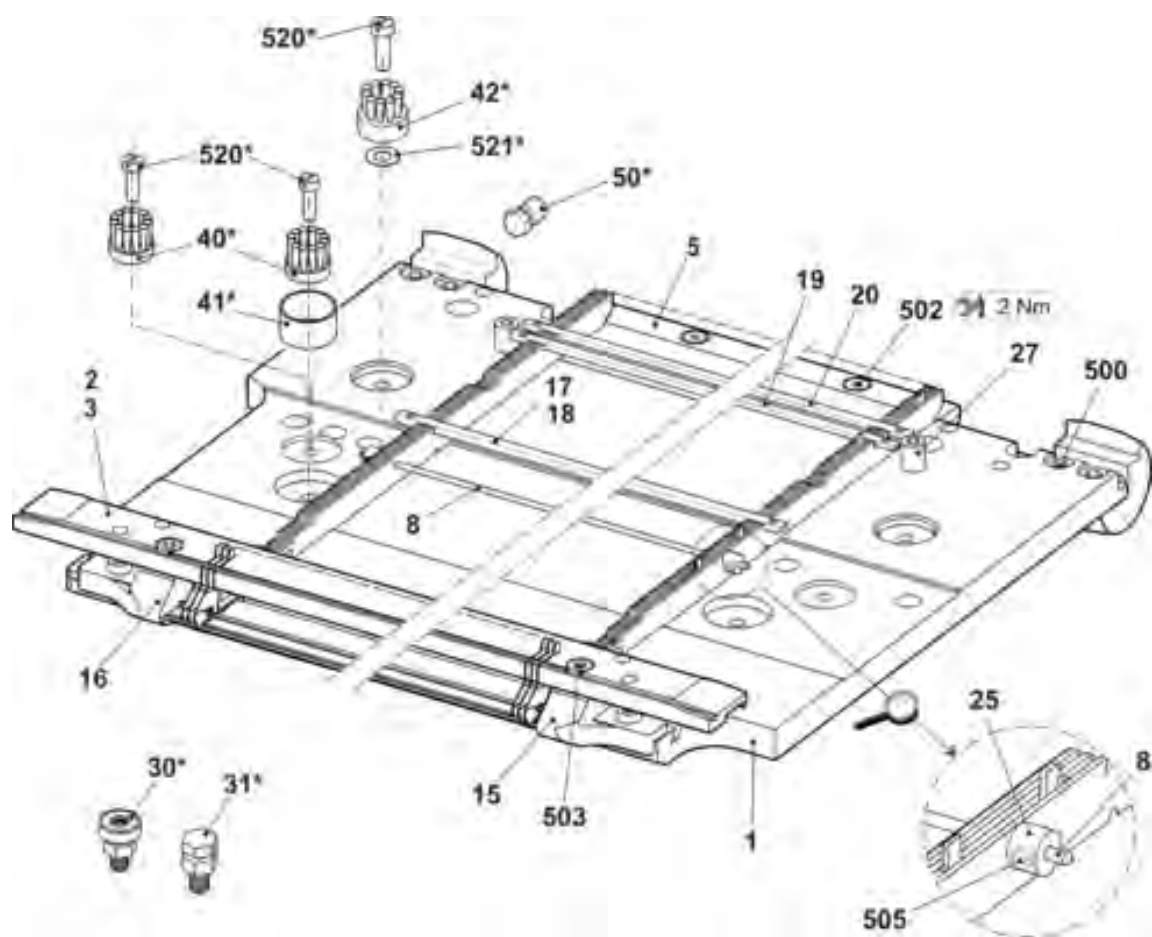
4.2 Needle bed E12

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12	256 534		23	Needle rail on the left	205 311
4	Main trick wall E12	252 628		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E12	204 009		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E10-12	253 382		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E5-E8	255 535		507	Sprung thrust piece B-M10	023 177
12a	Selection jack E10-12	200 688		508	Shim 0.02x18.5x34	023 194
12b	Selector spring E10-12	200 691		509	Shim 0.03x18.5x34	023 195
13	Knock-over bit E12	205 013		510	Shim 0.05x18.5x34	023 196
14	Holding-down jack trick wall E12	227 821		511	Shim 0.1x18.5x34	023 197
21	Fixed wire ø2.8	223 862		512	Shim 0.2x18.5x34	023 253



4.2.1 Continuation needle bed E12

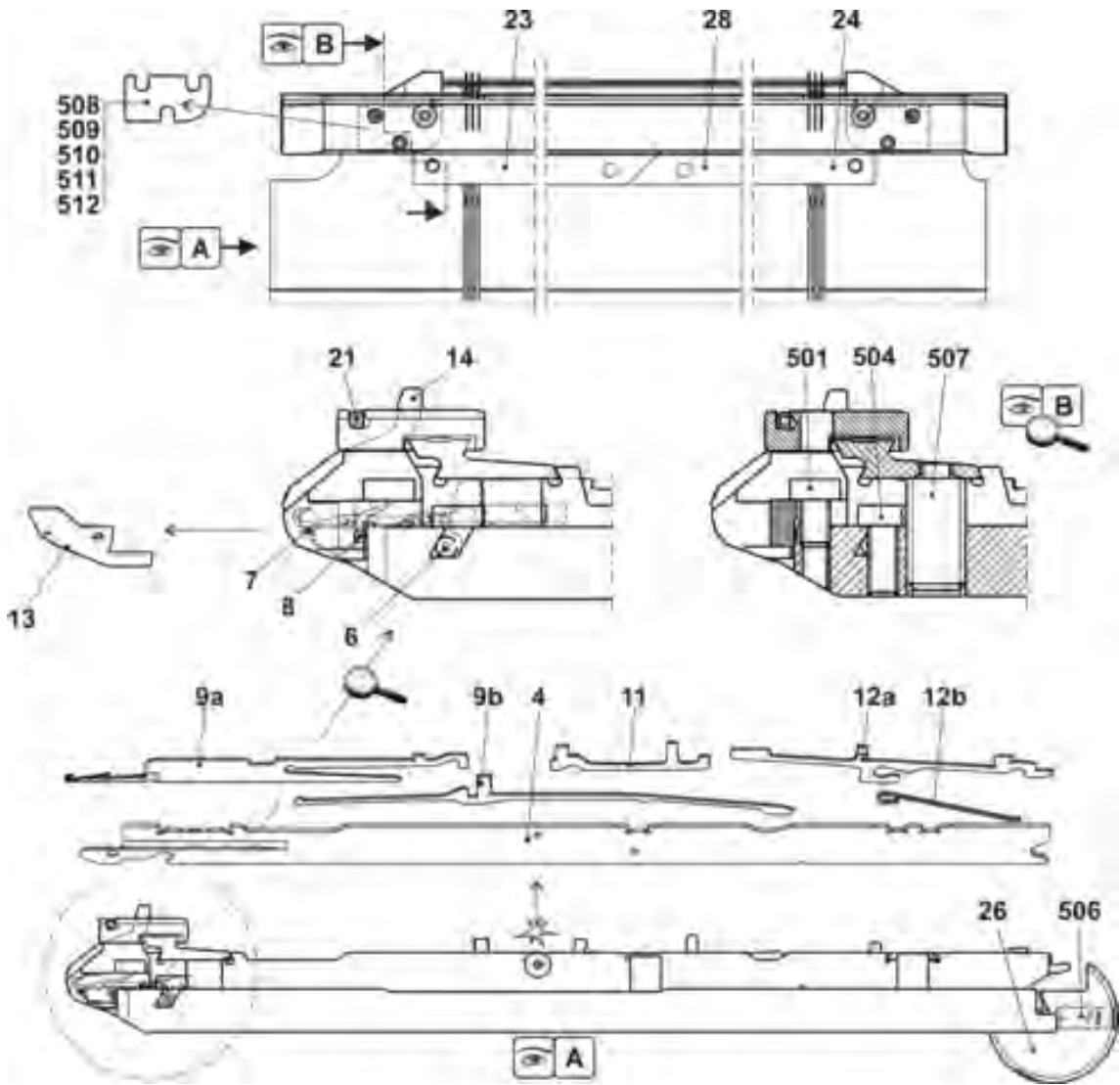
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12	256 534		27	Stop screw	235 244
1	Needle bed at the front and rear E6.2	253 463		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E12	238 025		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E12	238 031		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E6.2	237 507		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



4.3 Needle bed E14

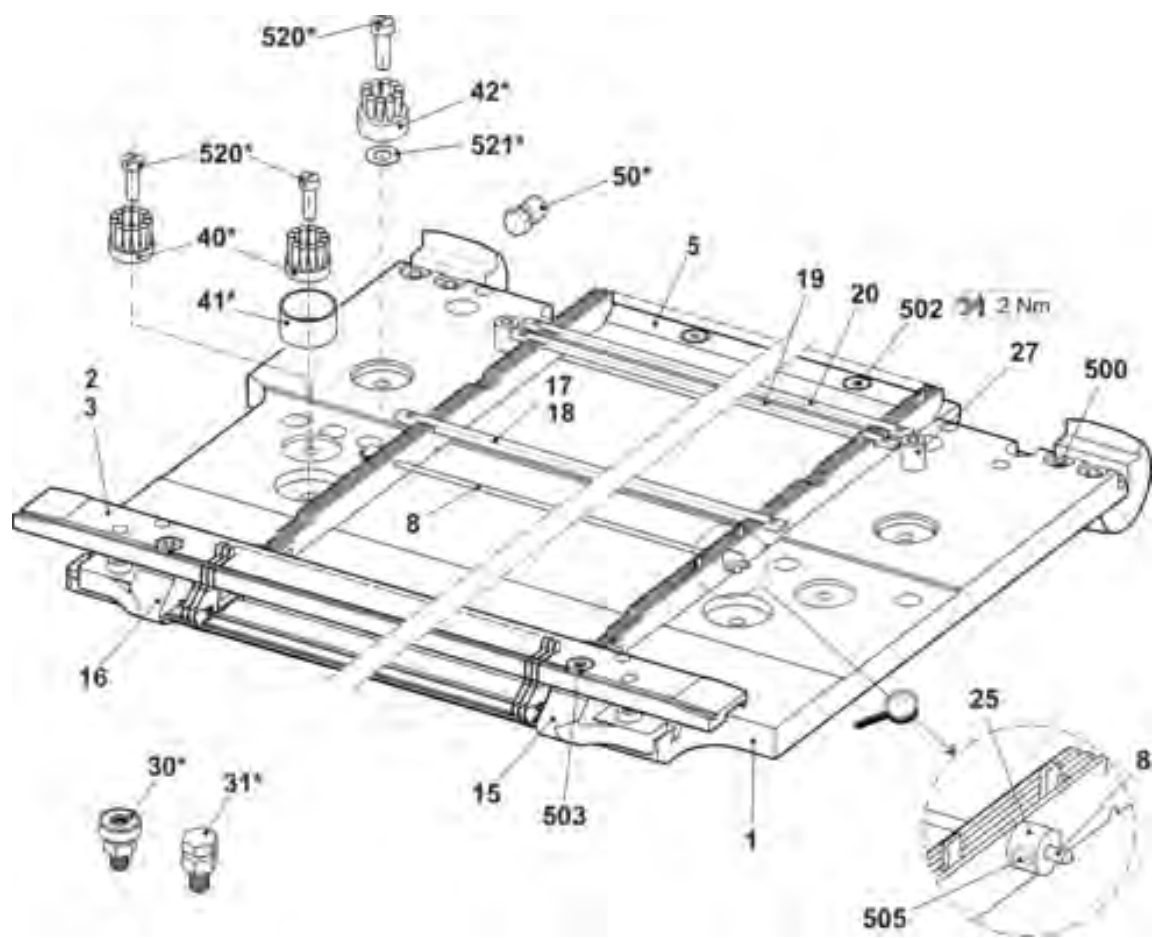
4.3 Needle bed E14

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E14	256 535				
4	Main trick wall E14	252 629		24	Needle bar on the right	205 312
6	Locating wire Ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle bar in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E14	209 614		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E14	253 383		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E14	255 536		507	Sprung pressure peace B-M10	023 177
12	Selection jack with spring E14	224 725		508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E14	209 649		509	Shim 0.03x18.5x34	023 195
14	Holding-down jack trick wall E14	235 262		510	Shim 0.05x18.5x34	023 196
21	Locating wire ø2.8	223 862		511	Shim 0.1x18.5x34	023 197
23	Needle bar on the left	205 311		512	Shim 0.2x18.5x34	023 253



4.3.1 Continuation needle bed E14

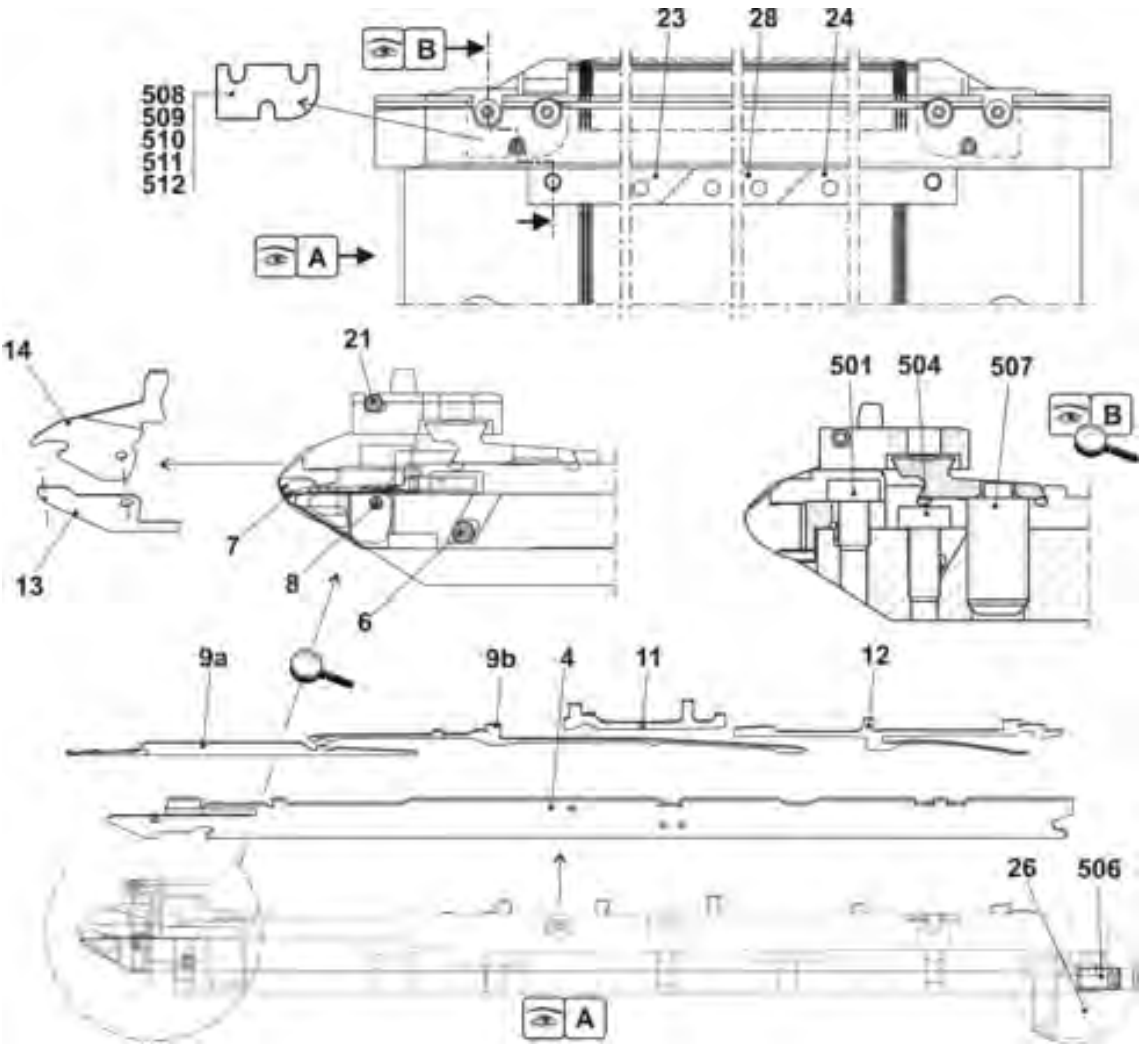
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E14	256 535		27	Stop screw	235 244
1	Needle bed at the front and rear E14 E7.2	253 464		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E14	238 026		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E14	238 032		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E7.2	237 508		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



4.4 Needle bed E16

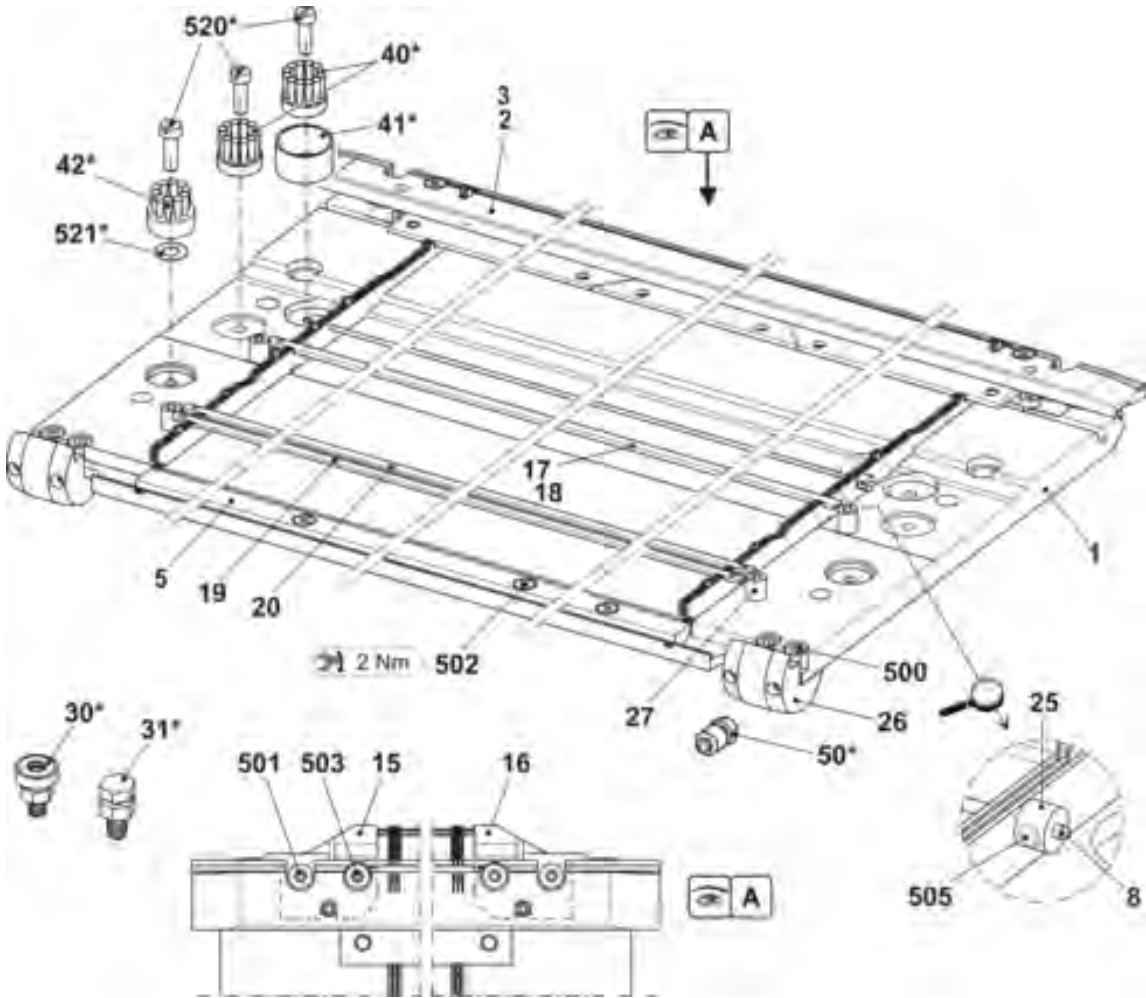
4.4 Needle bed E16

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E16	256 536				
4	Main trick wall E16	245 319		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire Ø0.5	238 942		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E16-18	232 243		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E16-18	253 384		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E16-18	255 537		507	Sprung thrust piece B-M10	023 177
12	Selection jack E16-20	222 265		508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E16	222 503		509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E16	222 504		510	Shim 0.05x18.5x34	023 196
21	Fixed wire ø2.8	238 950		511	Shim 0.1x18.5x34	023 197
23	Needle rail on the left	205 311		512	Shim 0.2x18.5x34	023 253



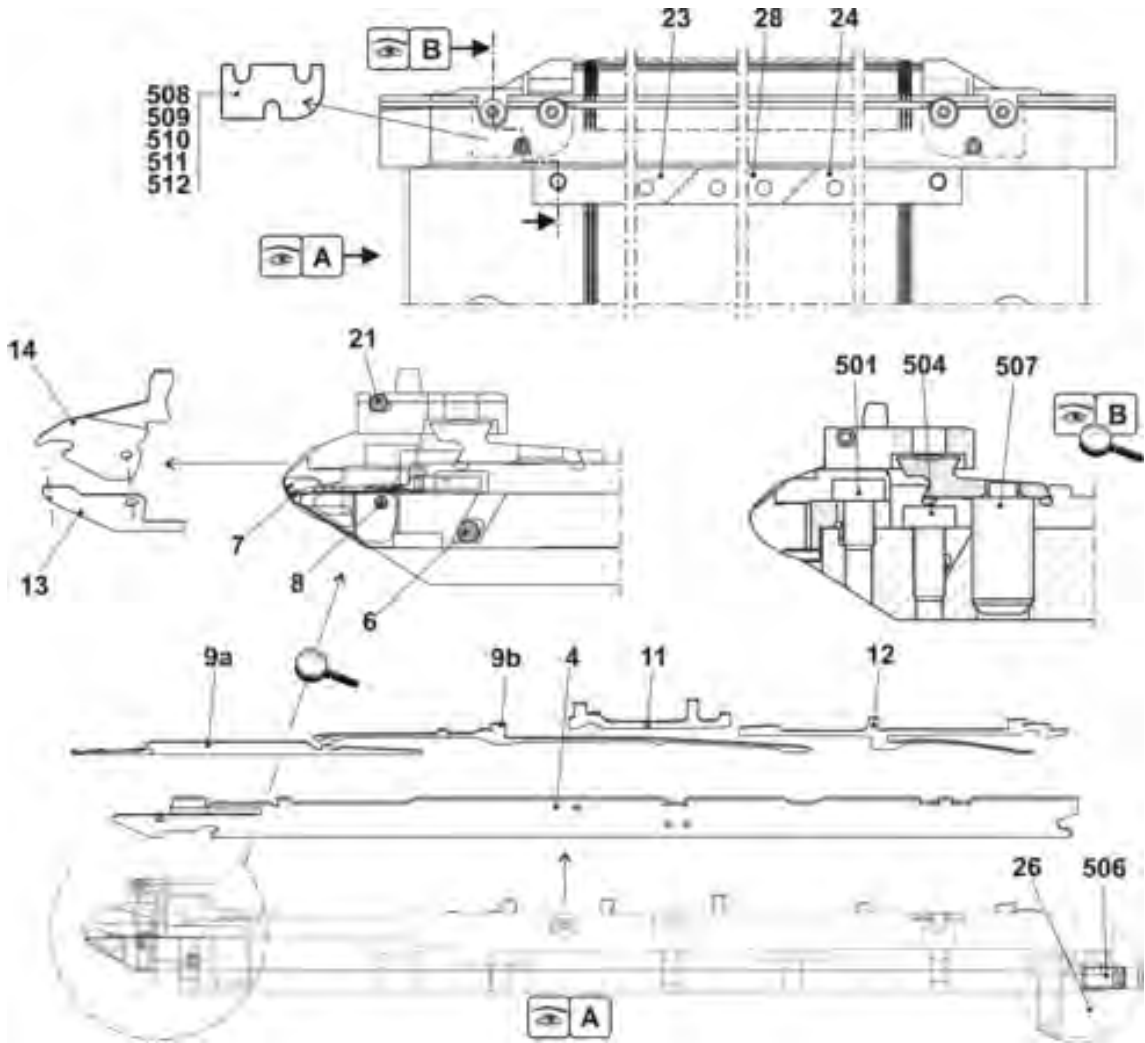
4.4.1 Continuation needle bed E16

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E16	256 536		27	Stop screw	235 244
1	Needle bed at the front and rear E16	253 466		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E16	238 917		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E16	238 920		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E16-E20	220 821		31*	Set screw complete	207 712
16	Limiter on the right E16-E20	220 822		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E16	238 925		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



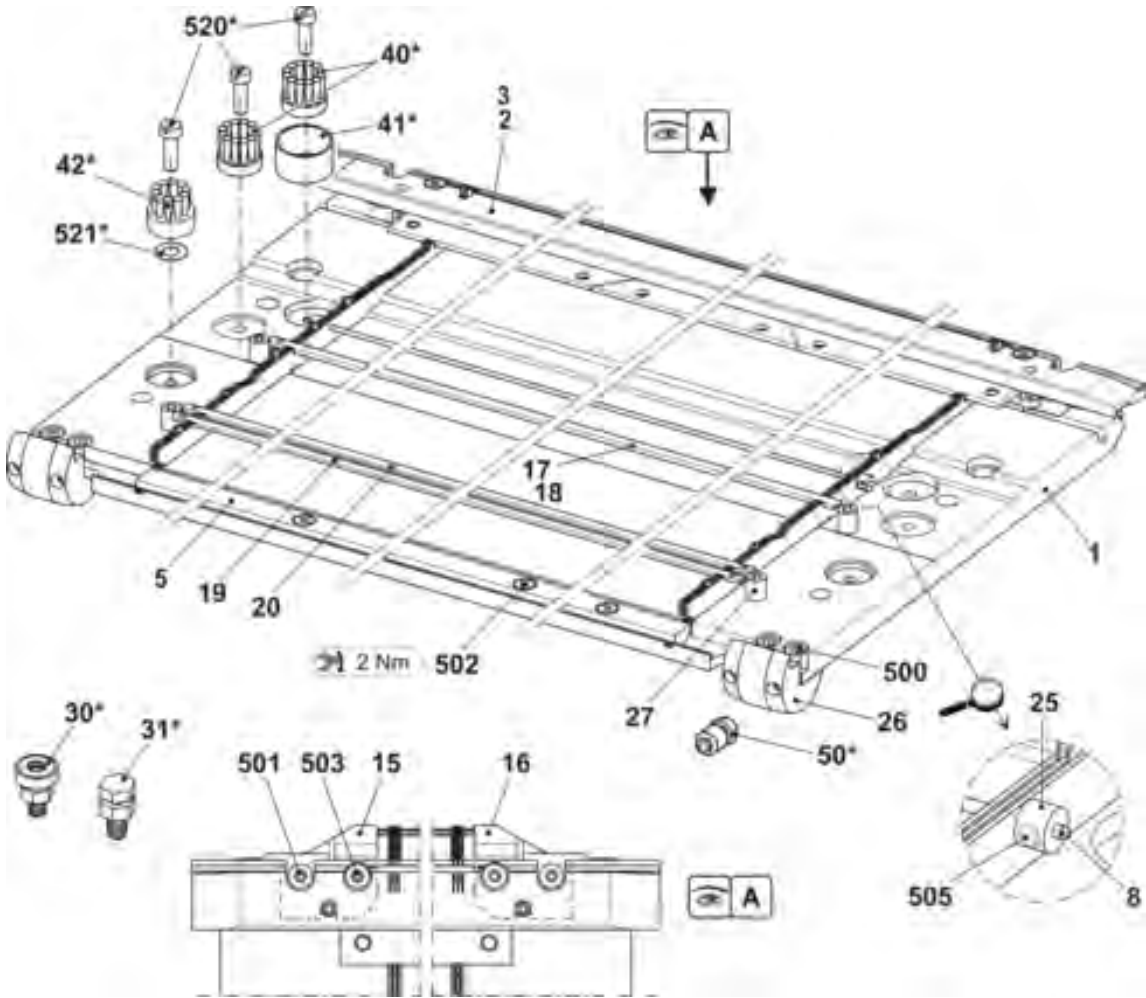
4.5 Needle bed E18

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E18	255 114				
4	Main trick wall E18	251 051		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire Ø0.5	238 942		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E18	239 527		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E16-18	253 384		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E16-18	255 537		507	Sprung thrust piece B-M10	023 177
12	Selection jack E16-20	222 265		508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E18	220 764		509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E18	220 770		510	Shim 0.05x18.5x34	023 196
21	Fixed wire ø2.8	238 950		511	Shim 0.1x18.5x34	023 197
23	Needle rail on the left	205 311		512	Shim 0.2x18.5x34	023 253



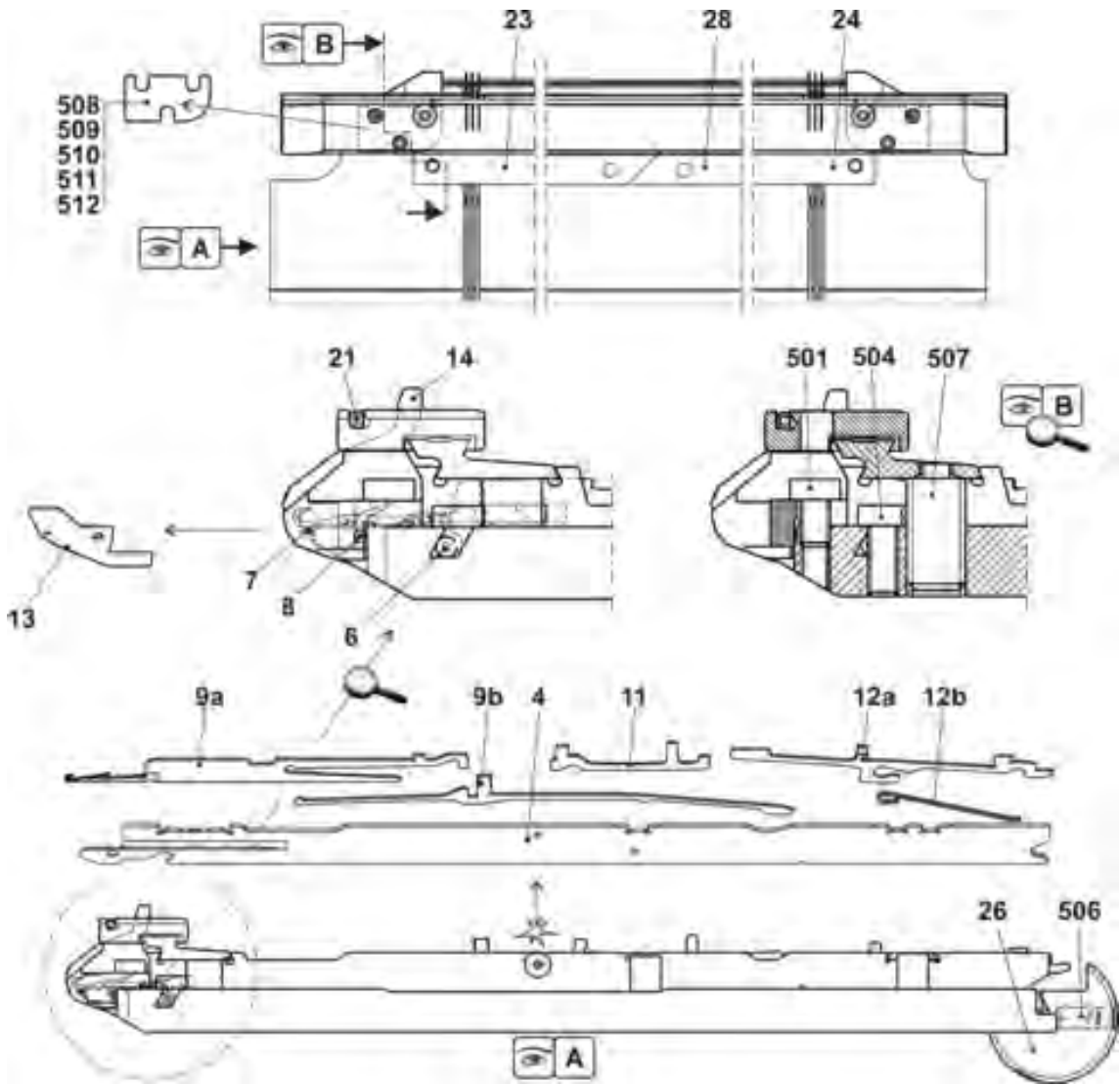
4.5.1 Continuation needle bed E18

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E18	255 114		27	Stop screw	235 244
1	Needle bed at the front and rear E18	253 467		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E18	238 918		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E18	238 921		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E16-E20	220 821		31*	Set screw complete	207 712
16	Limiter on the right E16-E20	220 822		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E9.2	238 020		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



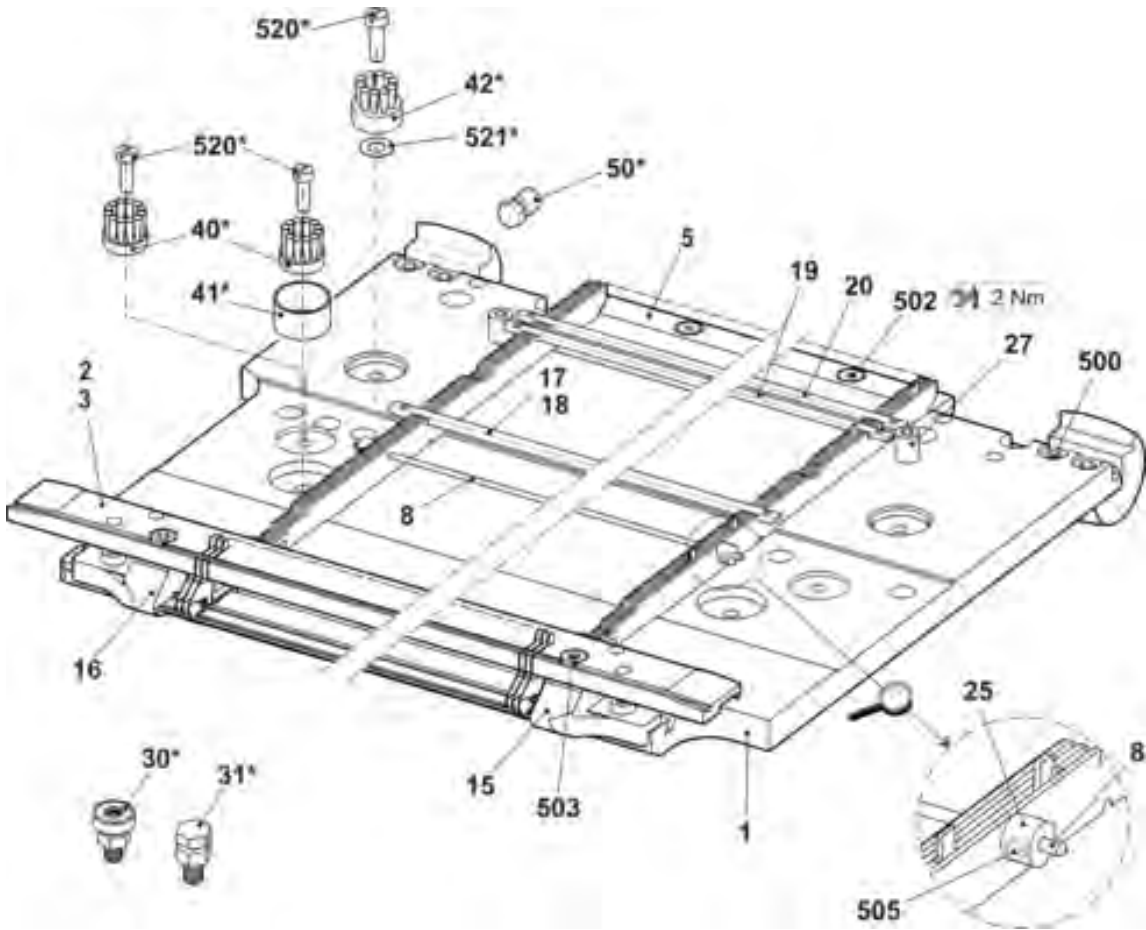
4.6 Needle bed E6.2 k&w

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	253 194		23	Needle rail on the left	205 311
4	Main trick wall E12	252 628		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8	023 154
9a	Needle E6.2	207 349		504	Cap screw M5x12	022 943
9b	Coupling part E10-12	253 382		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E10	255 535		507	Sprung thrust piece B-M10	023 177
12a	Selection jack E10-12	200 688		508	Shim 0.02x18.5x34	023 194
12b	Selector spring E10-12	200 691		509	Shim 0.03x18.5x34	023 195
13	Knock-over bit E6.2	237 863		510	Shim 0.05x18.5x34	023 196
14	Holding-down jack E6.2	237 852		511	Shim 0.1x18.5x34	023 197
21	Fixed wire ø2.8	223 862		512	Shim 0.2x18.5x34	023 253



4.6.1 Continuation needle bed E6.2 k&w

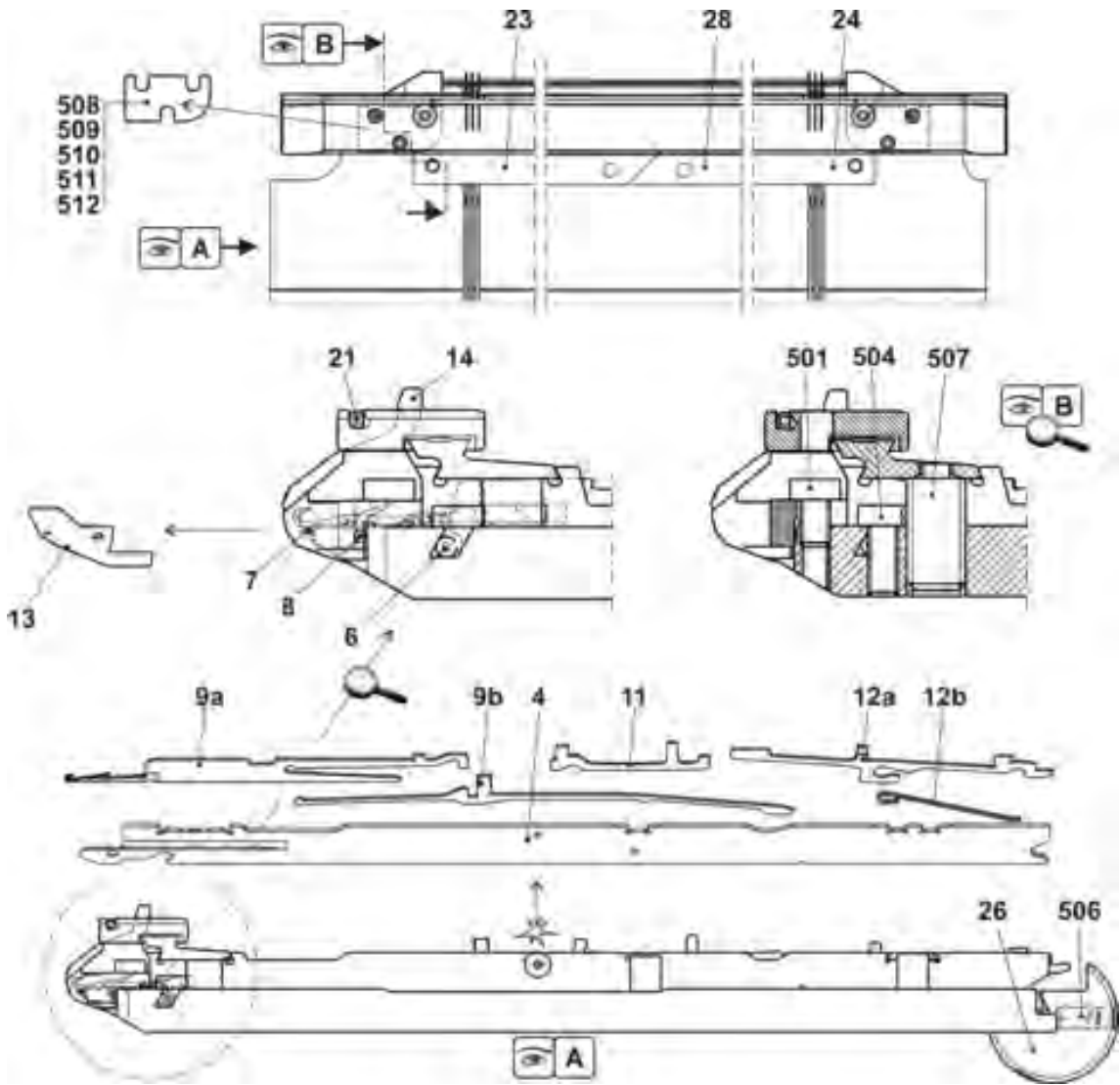
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	253 194		27	Stop screw	235 244
1	Needle bed at the front and rear E12 E6.2	253 463		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E6.2	237 492		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E6.2	237 500		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E6.2	237 507		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



4.7 Needle bed E7.2 k&w

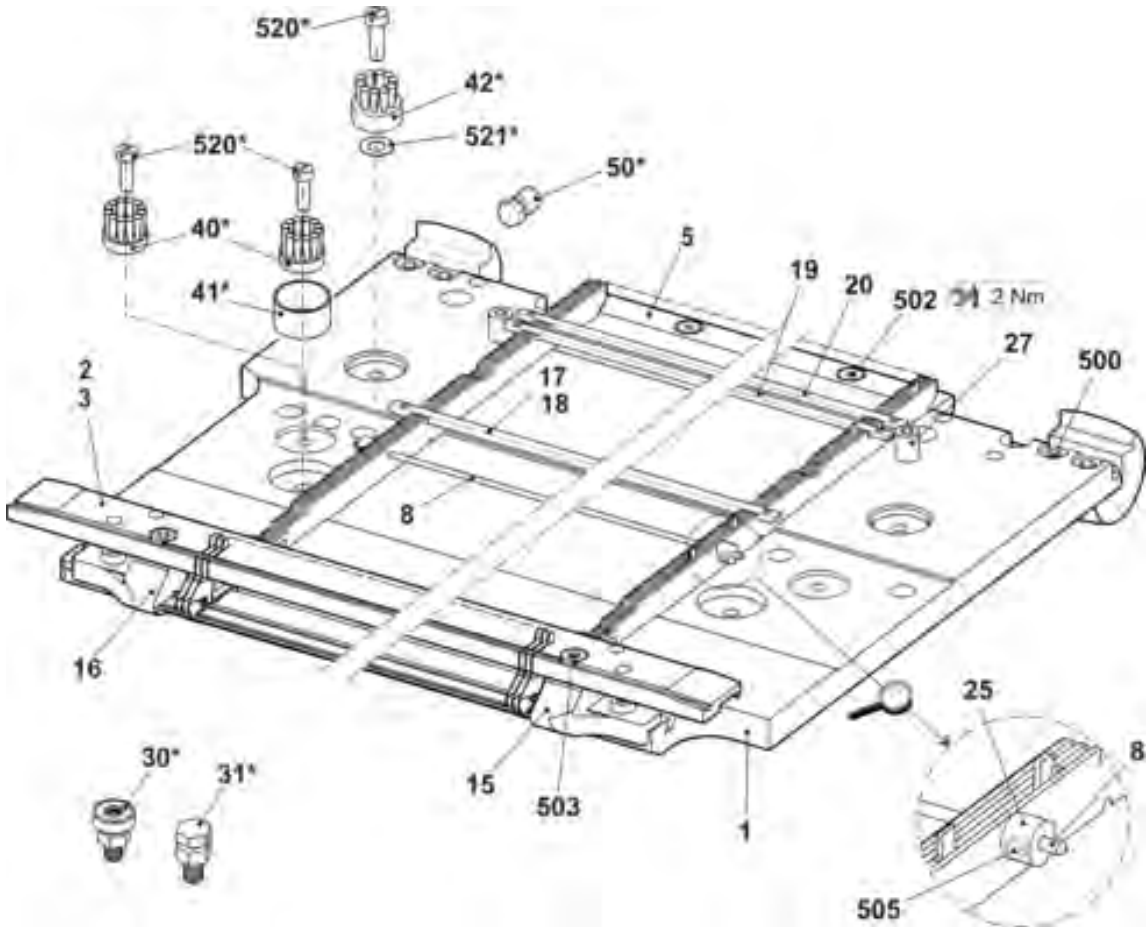
4.7 Needle bed E7.2 k&w

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	256 538			
4	Main trick wall E14	252 629	24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085	501	Cap screw M5x8-8.8 M	023 154
9a	Needle E7.2	225 230	504	Cap screw M5x12-8.8	022 943
9b	Coupling part E14	253 383	506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E14	255 536	507	Sprung thrust piece B-M10	023 177
12	Selection jack with spring E14	224 725	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E7.2	234 903	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E7.2	236 954	510	Shim 0.05x18.5x34	023 196
21	Fixed wire ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
23	Needle rail on the left	205 311	512	Shim 0.2x18.5x34	023 253



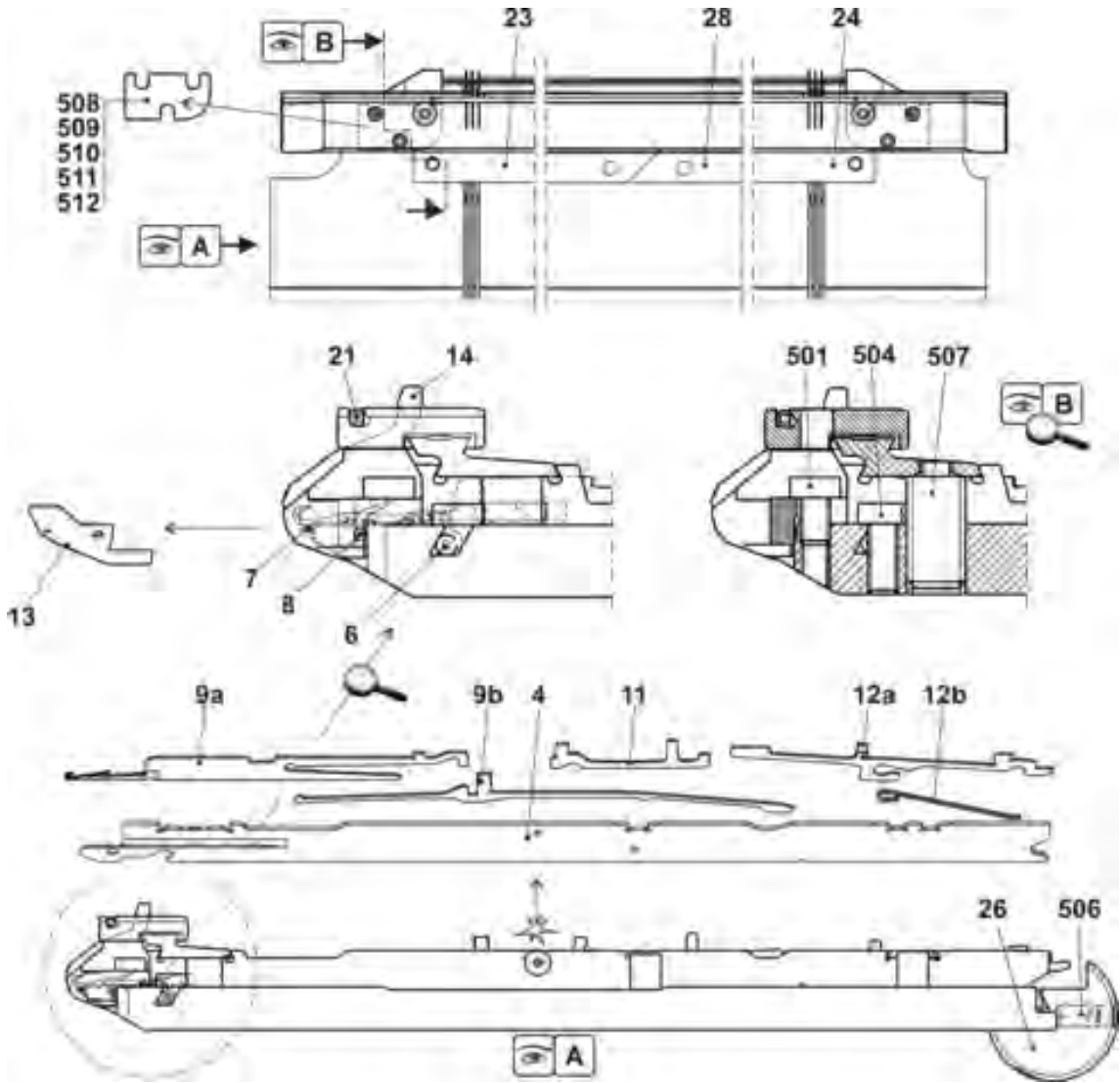
4.7.1 Continuation needle bed E7.2 k&w

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	256 538		27	Stop screw	235 244
1	Needle bed at the front and rear E7.2	253 464		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E7.2	237 493		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E7.2	237 501		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E7.2	237 508		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



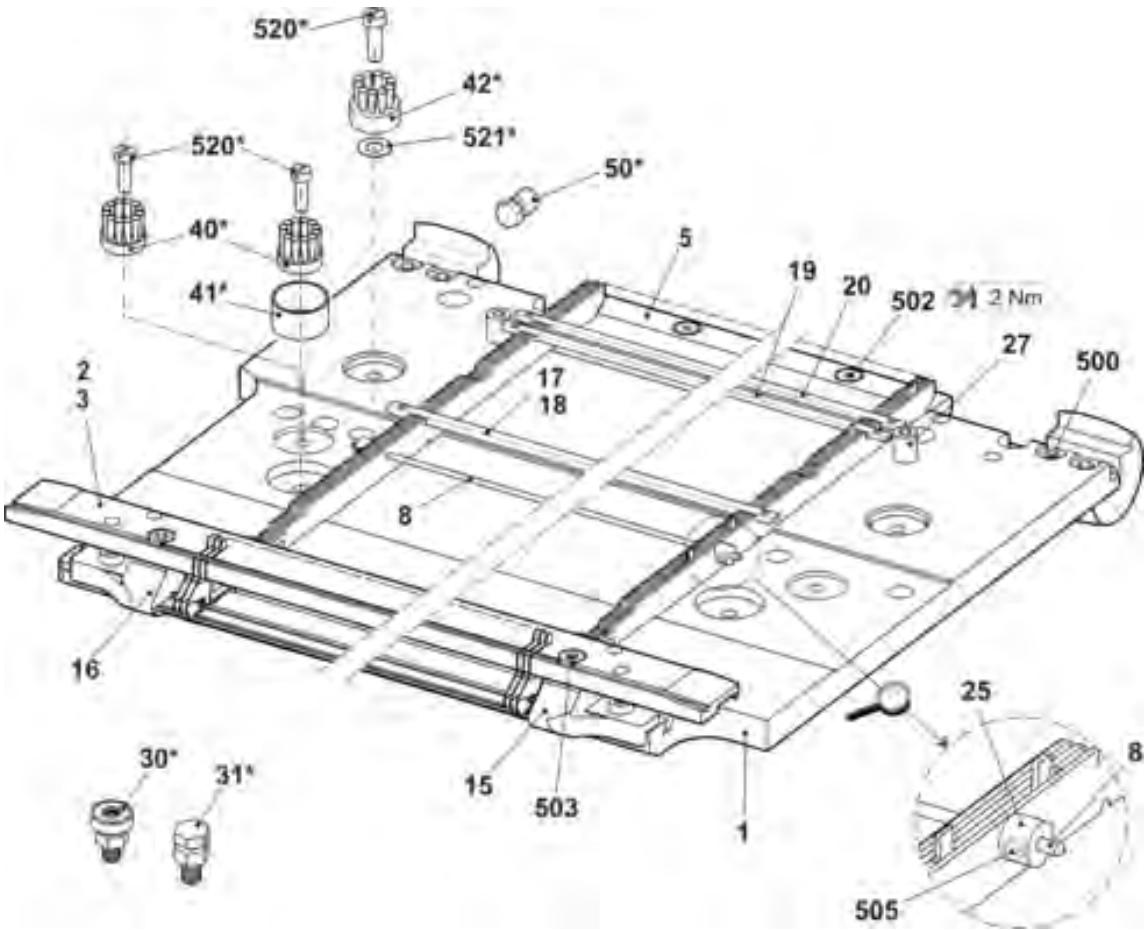
4.8 Needle bed E6.2 mg

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	256 539		23	Needle rail on the left	205 311
4	Main trick wall E12	252 628		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E6.2	207 349		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E10-12	253 382		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E10	255 535		507	Sprung thrust piece B-M10	023 177
12a	Selection jack E10-12	200 688		508	Shim 0.02x18.5x34	023 194
12b	Selector spring E10-12	200 691		509	Shim 0.03x18.5x34	023 195
13	Knock-over bit E12	205 013		510	Shim 0.05x18.5x34	023 196
14	Holding-down jack trick wall E12	227 821		511	Shim 0.1x18.5x34	023 197
21	Fixed wire ø2.8	223 862		512	Shim 0.2x18.5x34	023 253



4.8.1 Continuation needle bed E6.2 mg

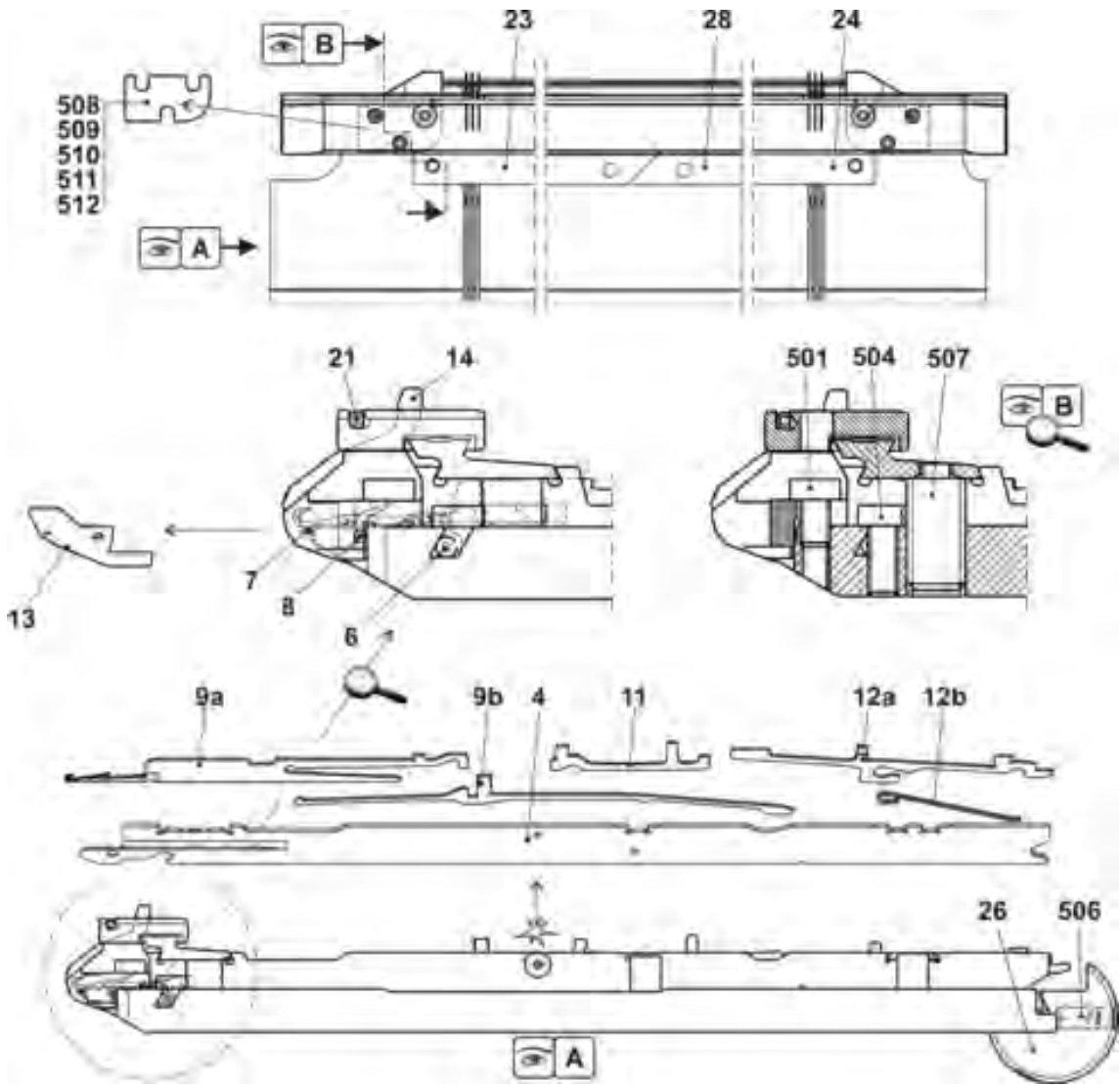
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	256 539		27	Stop screw	235 244
1	Needle bed at the front and rear E12 E6.2	253 463		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E6.2	237 492		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E6.2	237 500		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E6.2	237 507		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



4.9 Needle bed E7.2 mg

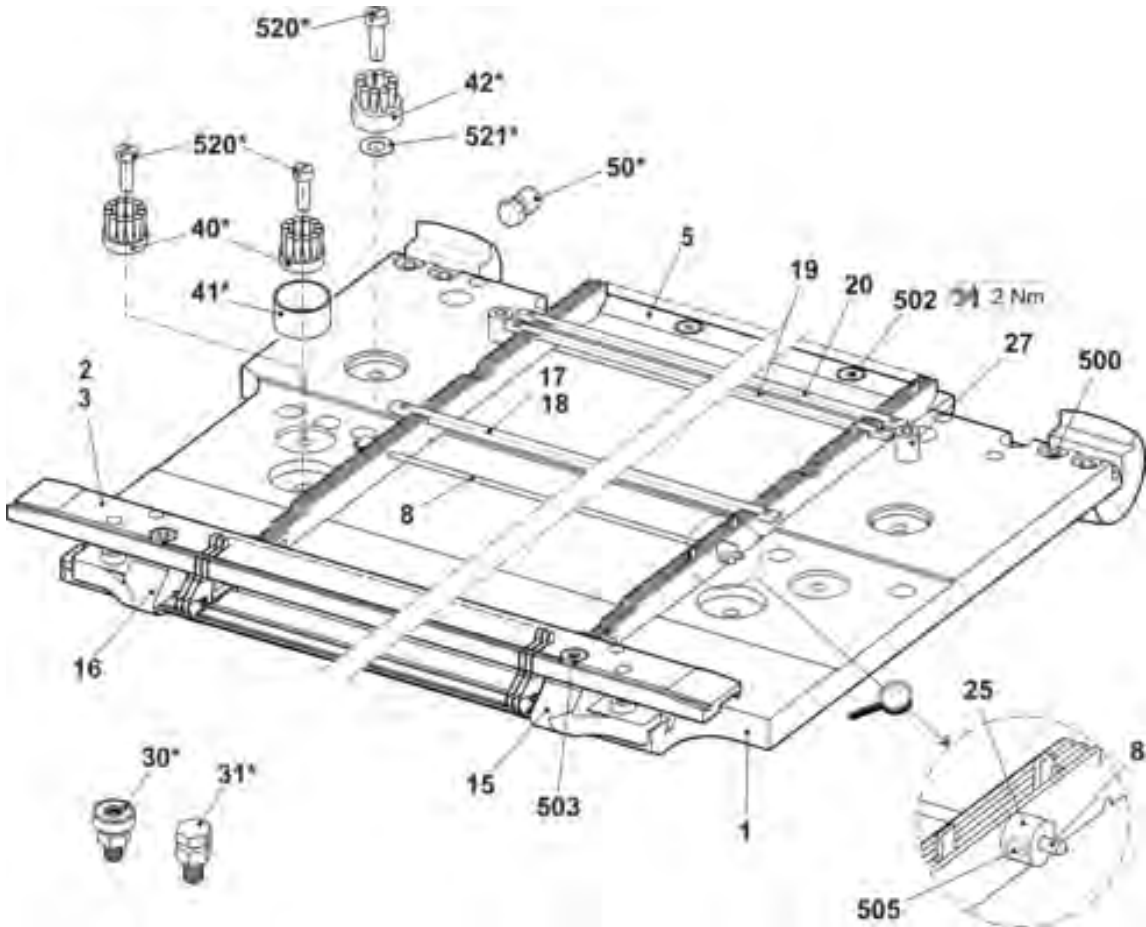
4.9 Needle bed E7.2 mg

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	255 115				
4	Main trick wall E14	252 629		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E7.2	225 230		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E14	253 383		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E14	255 536		507	Sprung thrust piece B-M10	023 177
12	Selection jack with spring E14	224 725		508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E14	209 649		509	Shim 0.03x18.5x34	023 195
14	Holding-down jack trick wall E14	235 262		510	Shim 0.05x18.5x34	023 196
21	Fixed wire ø2.8	223 862		511	Shim 0.1x18.5x34	023 197
23	Needle rail on the left	205 311		512	Shim 0.2x18.5x34	023 253



4.9.1 Continuation needle bed E7.2 mg

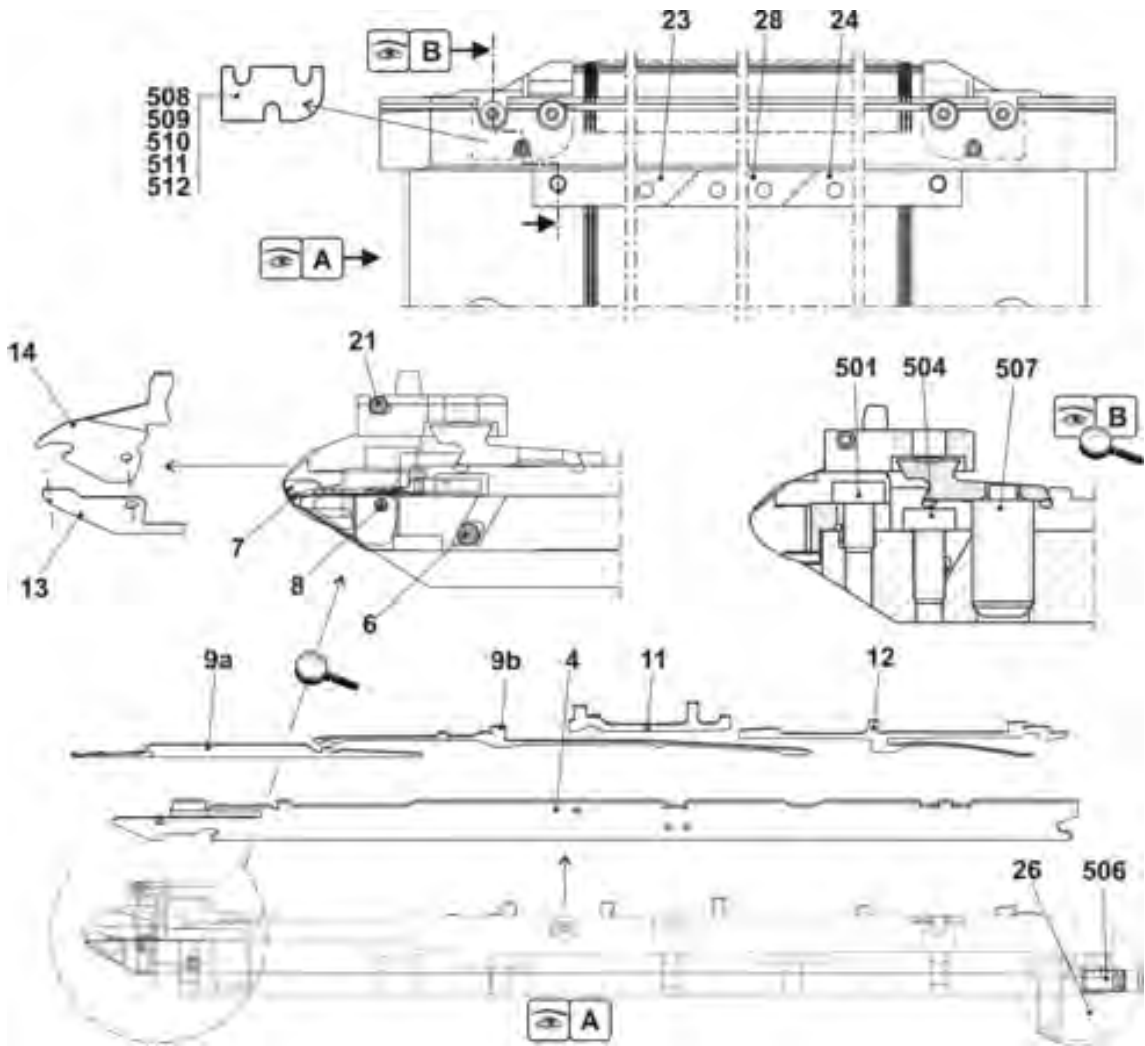
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	255 115		27	Stop screw	235 244
1	Needle bed at the front and rear E7.2	253 464		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E7.2	237 493		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E7.2	237 501		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764		31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E7.2	237 508		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



4.10 Needle bed E8.2 mg

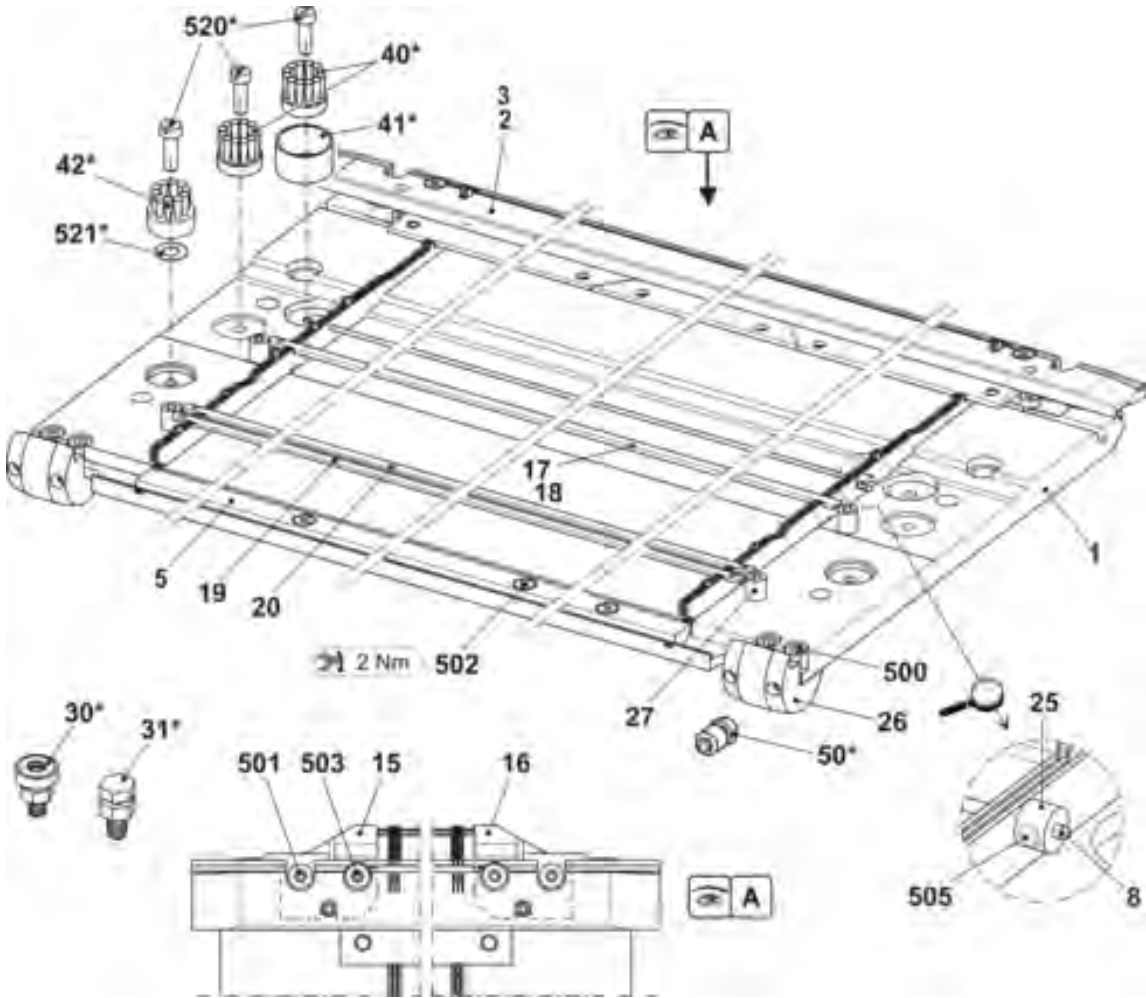
4.10 Needle bed E8.2 mg

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E8.2 mg	256 540				
4	Main trick wall E16	245 319		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire Ø0.5	238 942		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E8.2	240 026		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E16-18	253 384		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E16-18	255 537		507	Sprung thrust piece B-M10	023 177
12	Selection jack E16-20	222 265		508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E16	222 503		509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E16	222 504		510	Shim 0.05x18.5x34	023 196
21	Fixed wire ø2.8	238 950		511	Shim 0.1x18.5x34	023 197
23	Needle rail on the left	205 311		512	Shim 0.2x18.5x34	023 253



4.10.1 Continuation needle bed E8.2 mg

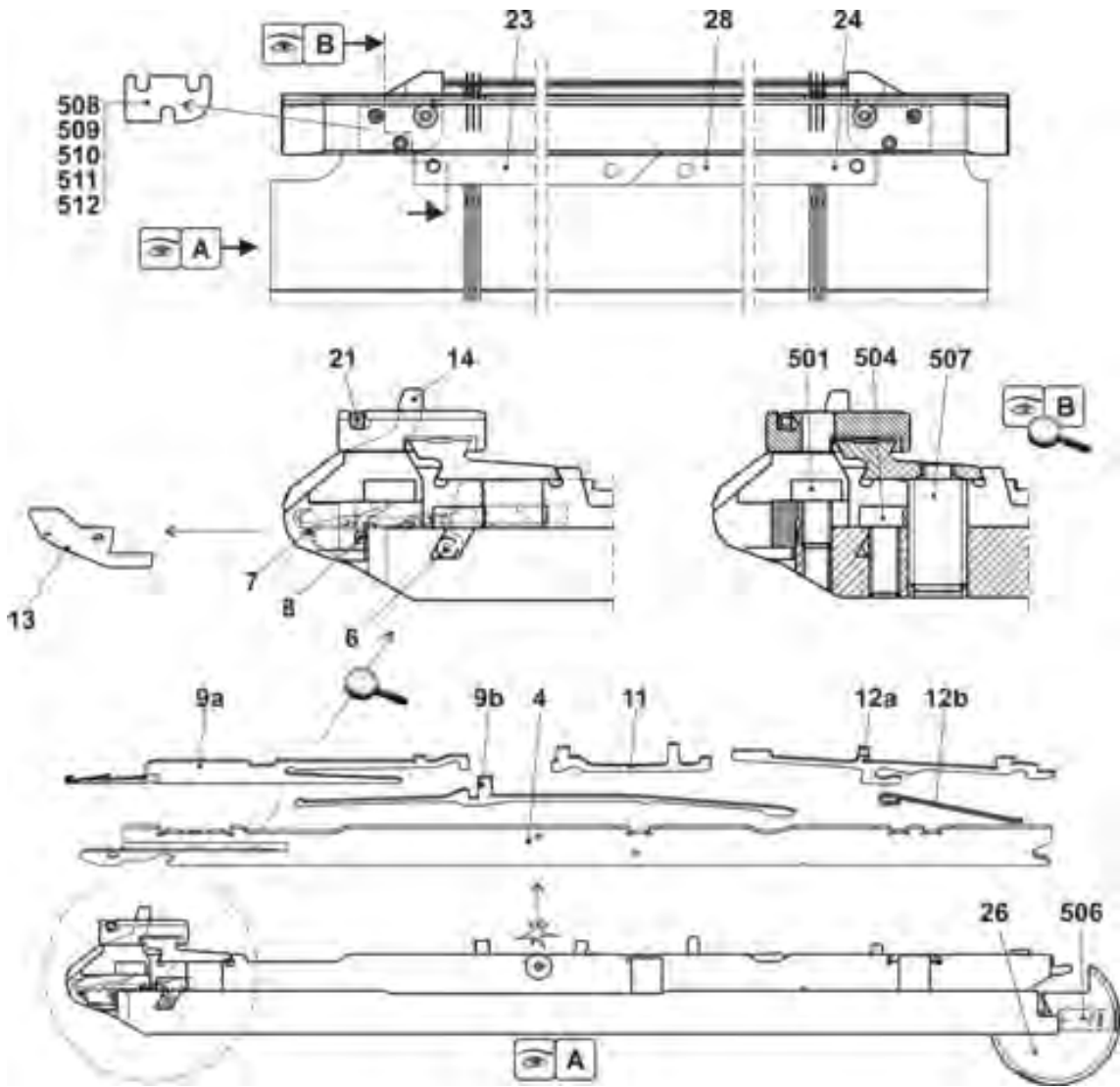
Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E8.2	256 540		27	Stop screw	235 244
1	Needle bed at the front and rear E16	253 466		500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E16	238 917		502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E16	238 920		503	Cap screw M5X22	023 193
5	Pressure slide	237 509		505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085		30*	Adjusting piece	206 375
15	Limiter on the left E16-E20	220 821		31*	Set screw complete	207 712
16	Limiter on the right E16-E20	220 822		40*	Disk brush	235 612
17	Cover rail at the rear	237 379		41*	Container disk brush	233 012
18	Cover rail at the front E16	238 925		42*	Disk brush	235 612
19	Cover rail	237 382		50*	Adjusting bolt	240 765
20	Cover rail	237 383		520*	Cap screw M5x12	020 032
25	Bush	206 090		521*	Adjusting washer P6x12x0.3	023 540



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

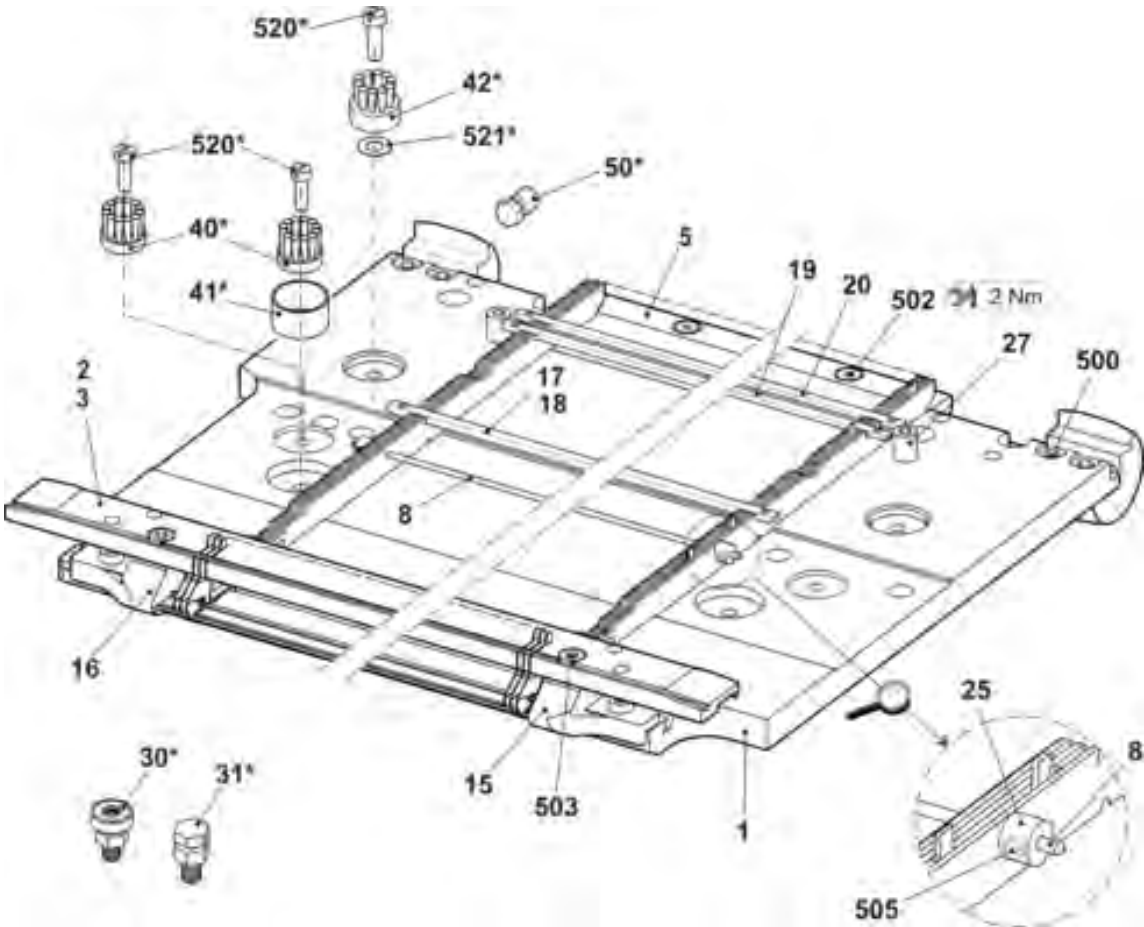
4.11 Needle bed E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12m.10	256 537		23	Needle rail on the left	205 311
4	Main trick wall E12	252 628		24	Needle rail on the right	205 312
6	Fixed wire ø3.4	223 868		26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849		28	Needle rail in the middle	237 387
8	Spring steel wire Ø2	251 085		501	Cap screw M5x8-8.8 M	023 154
9a	Needle E10 with round hook	205 398		504	Cap screw M5x12-8.8	022 943
9b	Coupling part E10-12	253 382		506	Setscrew M6x12-45	022 400
11	Intermediate slider with brake E5-E8	255 535		507	Sprung thrust piece B-M10	023 177
12a	Selection jack E10-12	200 688		508	Shim 0.02x18.5x34	023 194
12b	Selector spring E10-12	200 691		509	Shim 0.03x18.5x34	023 195
13	Knock-over bit E12	205 013		510	Shim 0.05x18.5x34	023 196
14	Holding-down jack trick wall E12	227 821		511	Shim 0.1x18.5x34	023 197
21	Fixed wire ø2.8	223 862		512	Shim 0.2x18.5x34	023 253



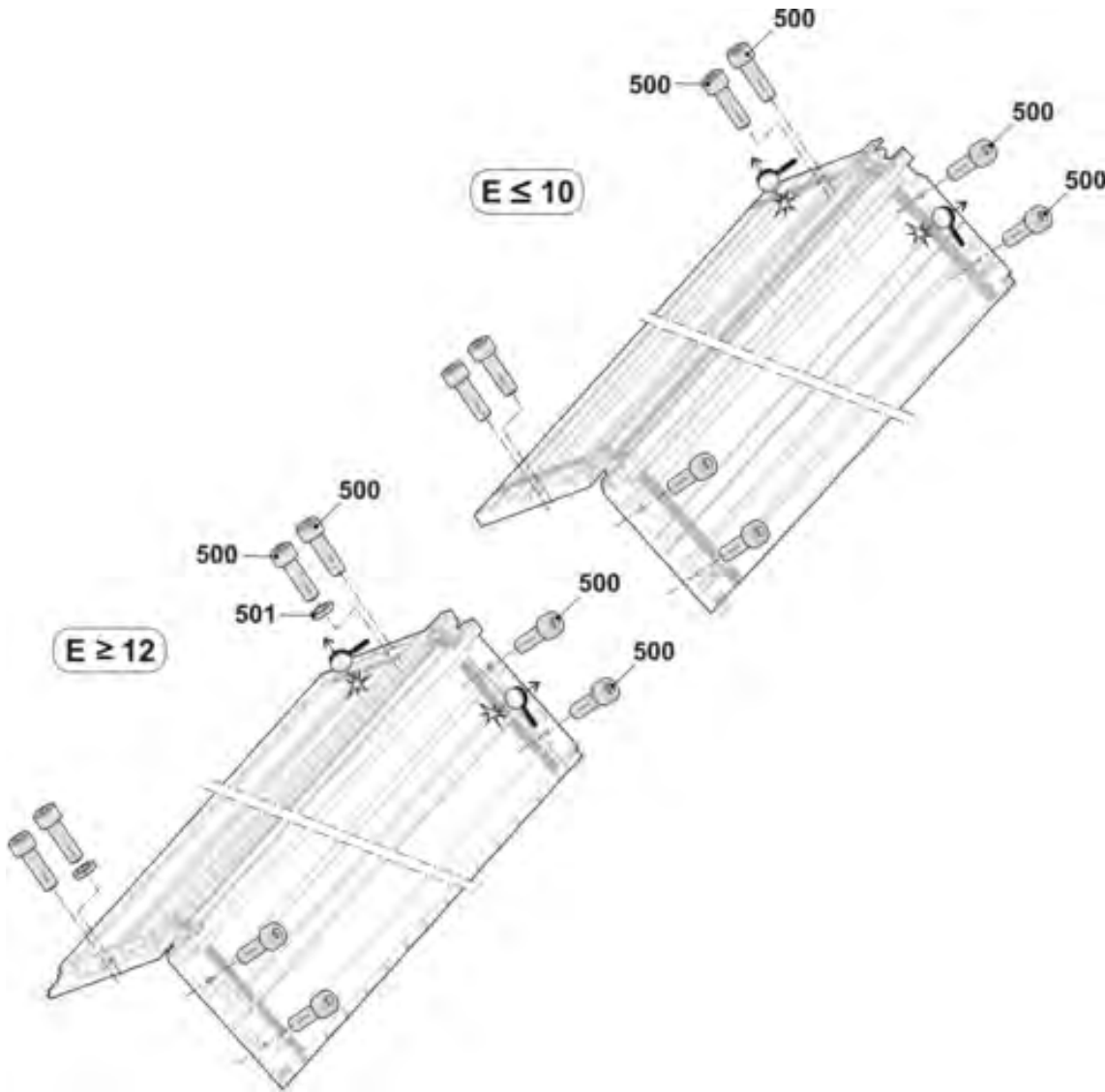
4.11.1 Continuation needle bed E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12m.10	256 537	27	Stop screw	235 244
1	Needle bed at the front and rear E12 E6.2	253 463	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E12	238 025	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E12	238 031	503	Cap screw M5X22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	251 085	30*	Adjusting piece	206 375
15	Limiter on the left E10-E14	205 764	31*	Set screw complete	207 712
16	Limiter on the right E4-E8	205 765	40*	Disk brush	235 612
17	Cover rail at the rear	237 379	41*	Container disk brush	233 012
18	Cover rail at the front E6.2	237 507	42*	Disk brush	235 612
19	Cover rail	237 382	50*	Adjusting bolt	240 765
20	Cover rail	237 383	520*	Cap screw M5x12	020 032
25	Bush	206 090	521*	Adjusting washer P6x12x0.3	023 540



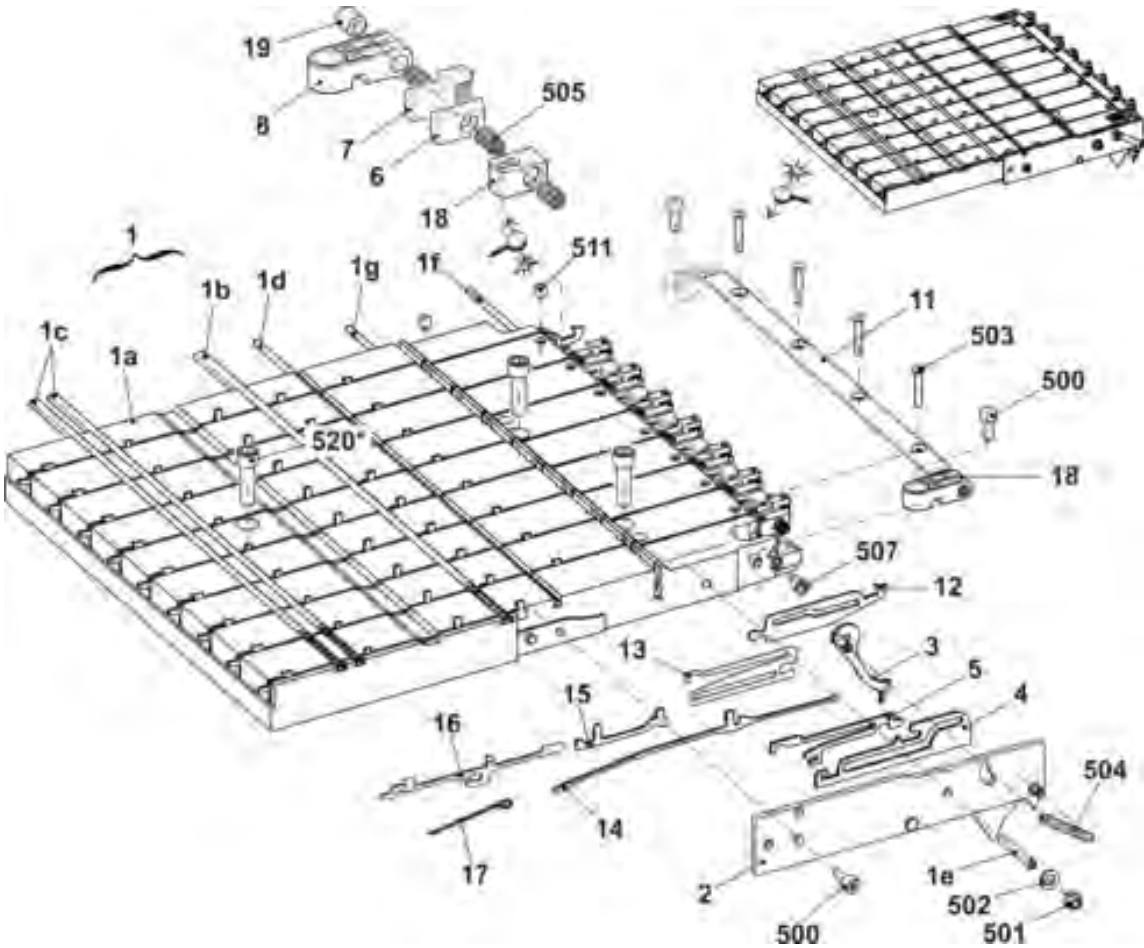
4.12 Needle beds, fixing elements

Pos	Designation	Id		Pos	Designation	Id
Σ	Fixing elements					
500	Cap screw M8x25	020 142		501	U-washer	214 040



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

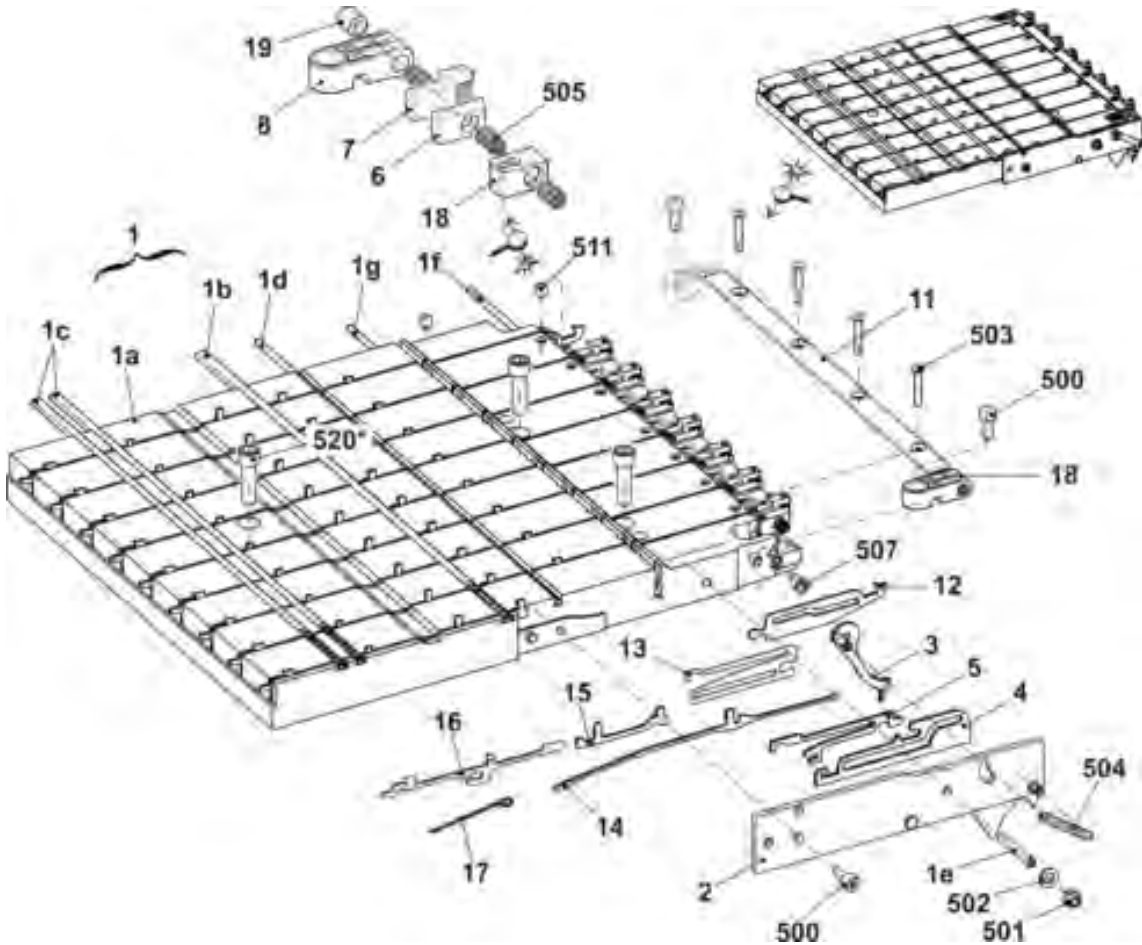
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed on the left	253 162	11	Holding strip	253 176
1	Guide plate on the left E5-14	257 194	12	Tuck needle on the left E5-14	255 813
1a	Guide plate on the left E10-14	257 190	13	Intermediate cam (E10-14)	244 591
1b	Cover rail	253 173	14	Coupling part E5-8	253 381
1c	Cover rail	253 174	15	Intermediate slider with brake E5-8	255 534
1d	Fixed wire	253 172	16	Selection jack E4-8	200 687
E1	Guide pin	211 351	17	Selector spring E4-8	200 690
F 1	Fixed wire	253 171	18	Spring holder	255 724
1g	Fixed wire	215 927	19	Threaded bolt	255 723
511	Set screw M5x5	236 061	500	Cap screw M4X10	023 136
2	Cover on the left complete E10-14	251 120	501	Hexagon nut M4	023 046
3	Catch hook on the left E10-18	255 622	502	U-washer 4	020 870
4	Slider E10-14	253 089	503	Countersunk 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	Sprung thrust piece	023 403
8	Intermediate piece	255 719	520*	Cap screw M6X20	244 824



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

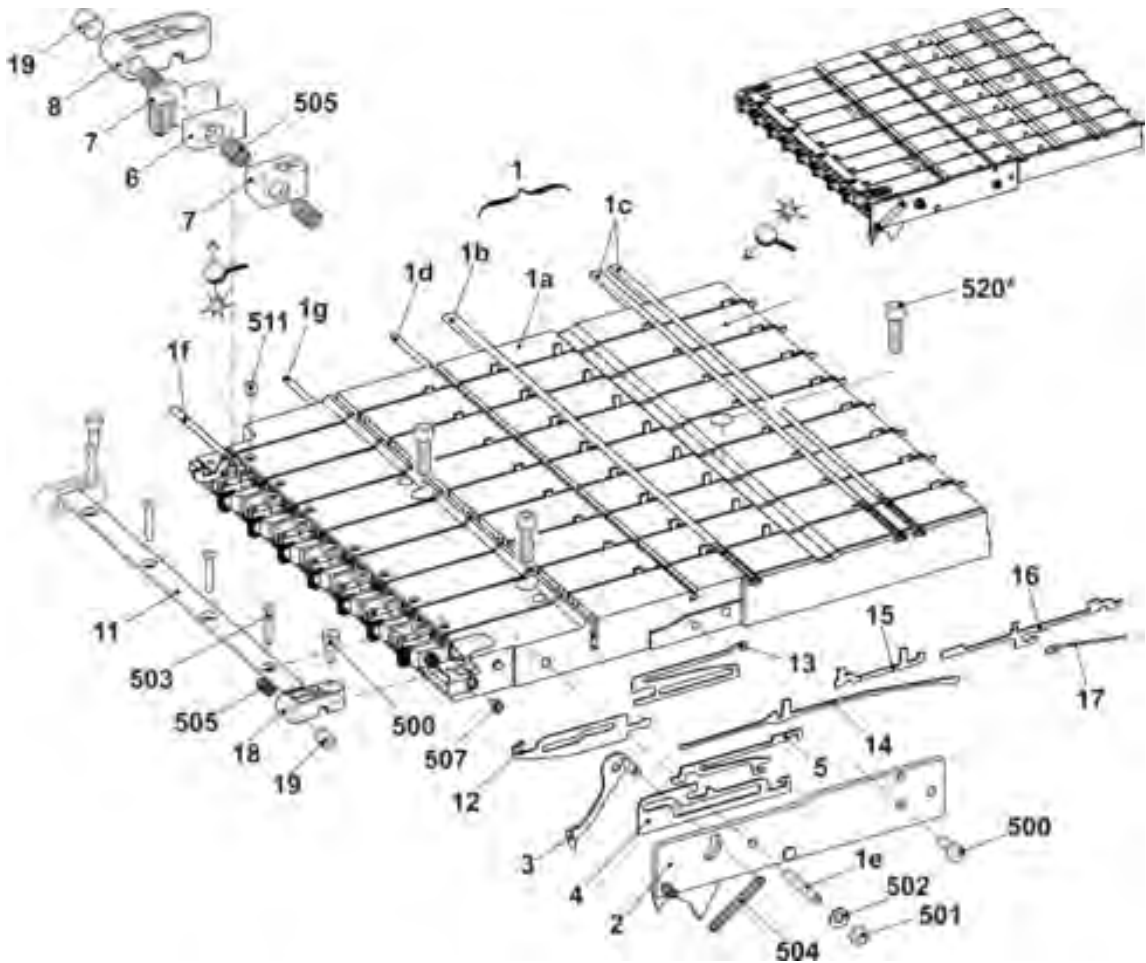
4.14 Left clamping/cutting bed E16|E18|E8.2

Pos	Designation		Id	Pos	Designation		Id
Σ	Clamping/cutting bed on the left E16-18		253 164	11	Holding strip		253 176
1	Guide plate on the left E16-18		257 196	12	Tuck needle on the left E16-18		255 814
	1a	Guide plate on the left E16-18	257 192	13	Intermediate cam		244 741
	1b	Cover rail	253 173	14	Coupling part E10-12		253 382
	1c	Cover rail	253 174	15	Intermediate slider with brake E10-12		255 535
	1d	Fixed wire	253 172	16	Selection jack E10-12		200 688
	1e	Guide pin	211 351	17	Selector spring E10-12		200 691
	F 1	Fixed wire	253 171	18	Spring holder		255 724
	1g	Fixed wire	215 927	19	Threaded bolt		255 723
	511	Set screw M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the left complete E16-18		242 835	501	Hexagon nut M4		023 046
3	Catch hook on the left E10-18		255 622	502	U-washer 4		020 870
4	Slide E16-18		253 095	503	Countersunk screw M3x18		242 728
5	Intermediate cam (E16-18)		253 096	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	Sprung thrust piece		023 403
8	Intermediate piece		255 719	520*	Cap screw M6x20		244 824



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

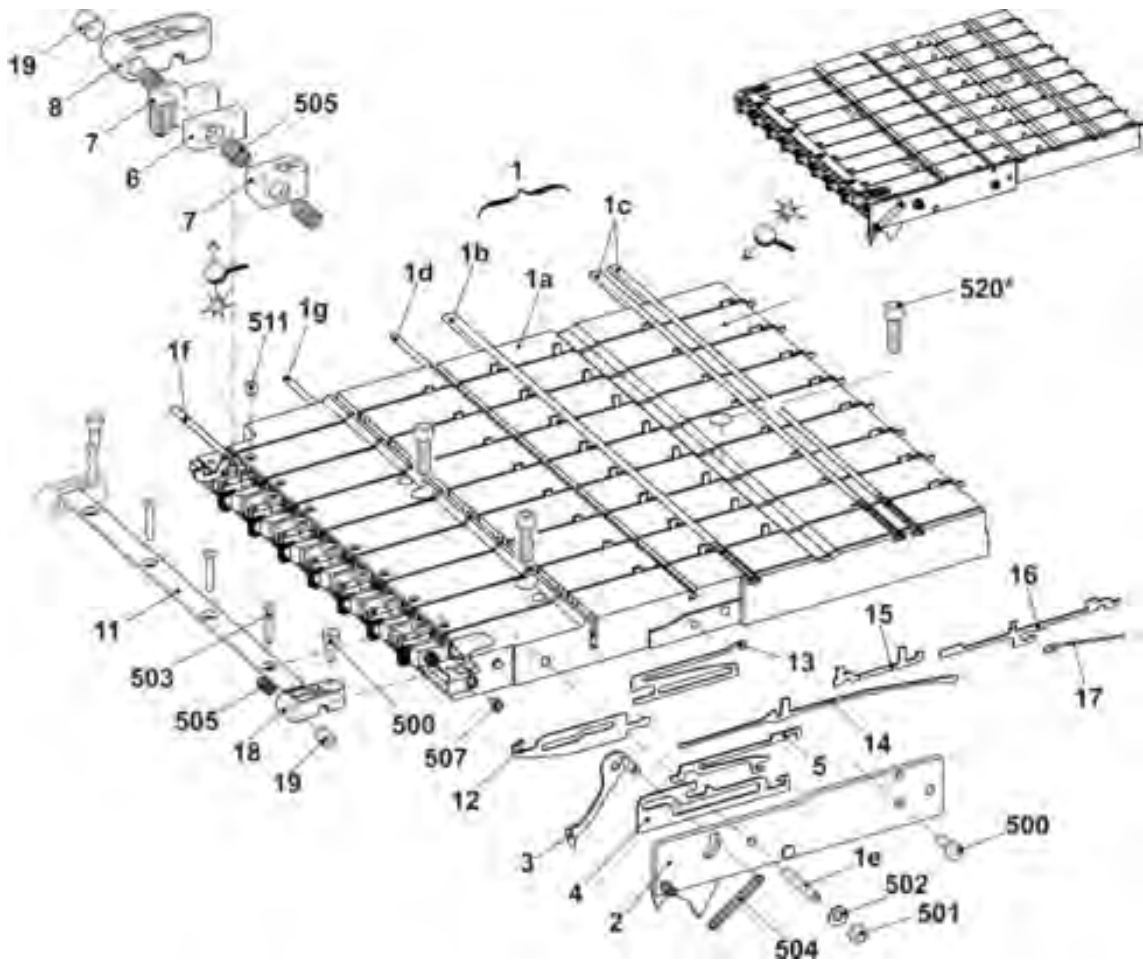
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed on the right	253 161	11	Holding strip	253 176
1	Guide plate EPT on the right E5-14	257 193	12	Tuck needle on the right E5-14	255 692
1a	Guide plate on the right E5-14	257 189	13	Intermediate cam (E10-14)	244 591
1b	Cover rail	253 173	14	Coupling part E5-8	253 381
1c	Cover rail	253 174	15	Intermediate slider with brake E5-8	255 534
1d	Fixed wire	253 172	16	Selection jack E4-8	200 687
E1	Guide pin	211 351	17	Selector spring E4-8	200 690
F 1	Fixed wire	253 171	18	Spring holder	255 724
1g	Fixed wire	215 927	19	Threaded bolt	255 723
511	Set screw M5x5	236 061	500	Cap screw M4X10	023 136
2	Cover on the right complete E10-14	251 119	501	Hexagon nut M4	023 046
3	Catch hook on the right E10-18	255 620	502	U-washer 4	020 870
4	Slider E10-14	253 089	503	Countersunk 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	Sprung thrust piece	023 403
8	Intermediate piece	255 719	520*	Cap screw M6X20	244 824



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

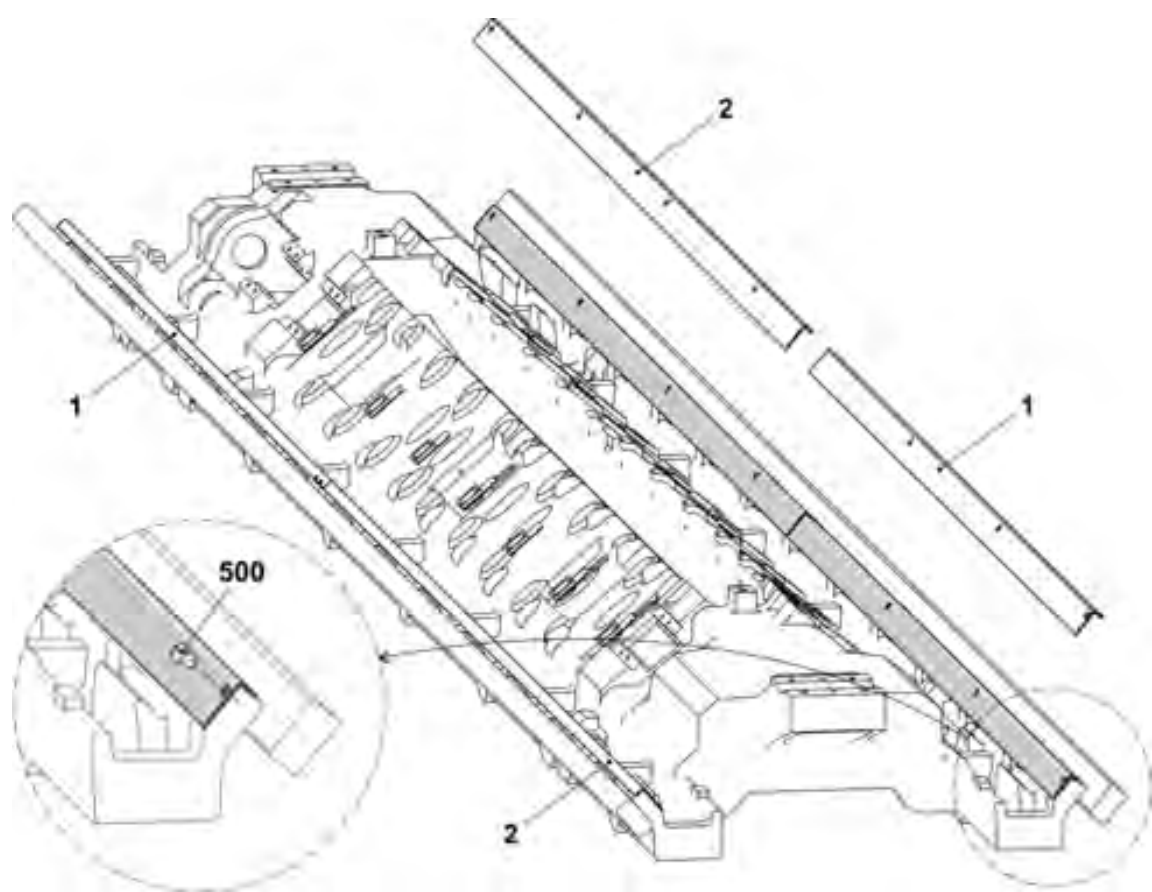
4.16 Right clamping/cutting bed E16 | E18 | E8.2

Pos	Designation		Id	Pos	Designation		Id
Σ	Clamping/cutting bed E16-18 on the right		253 163	11	Holding strip		253 176
1	Guide plate on the right E16-18		257 195	12	Tuck needle on the right E16-18		255 693
	1a	Guide plate on the right E16-18	257 191	13	Intermediate cam		244 741
	1b	Cover rail	253 173	14	Coupling part E10-12		253 382
	1c	Cover rail	253 174	15	Intermediate slider with brake E10-12		255 535
	1d	Fixed wire	253 172	16	Selection jack E10-12		200 688
	1e	Guide pin	211 351	17	Selector spring E10-12		200 691
	F 1	Fixed wire	253 171	18	Spring holder		255 724
	1g	Fixed wire	215 927	19	Threaded bolt		255 723
	511	Set screw M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the right complete E16-18		242 836	501	Hexagon nut M4		023 046
3	Catch hook on the right E10-18		255 620	502	U-washer 4		020 870
4	Slide E16-18		253 095	503	Countersunk screw M3x18		242 728
5	Intermediate cam (E16-18)		253 096	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	Spring thrust piece		023 403
8	Intermediate piece		255 719	520*	Cap screw M6x20		244 824



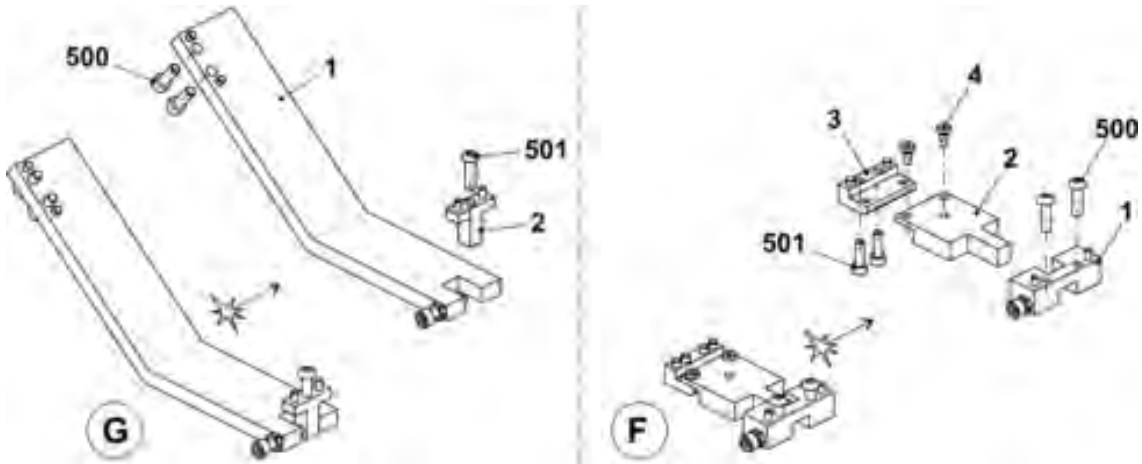
4.17 Cover on the left and on the right

Pos	Designation	Id		Pos	Designation	Id
1	Cover on the left	241 938		500	Countersunk screw M8x10	241 930
2	Cover on the right	241 939				

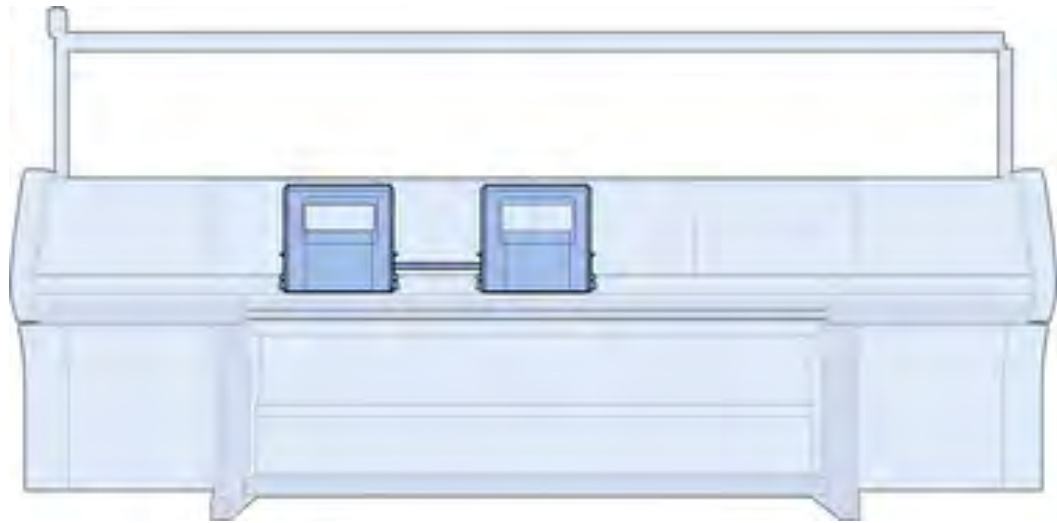


4.18 Connection measuring bar

Pos	Designation	Id		Pos	Designation	Id
ΣG	Connection measuring bar coarse (E10 E10m.12)	244 606		ΣF	Connection measuring bar fine (E12 E14 E16 E18 E5.2 E6.2 E7.2 E8.2 mg)	244 608
1	Bearing fork	240 689		1	Bearing fork	244 535
2	Stop point	209 289		2	Plunger	244 536
500	Cap screw M6x16	020 135		3	Stop point	244 537
501	Countersunk screw M6x20	241 603		4	Shoulder screw	209 790
				500	Countersunk screw M6x20	241 603
				501	Cap screw M5x16	022 726

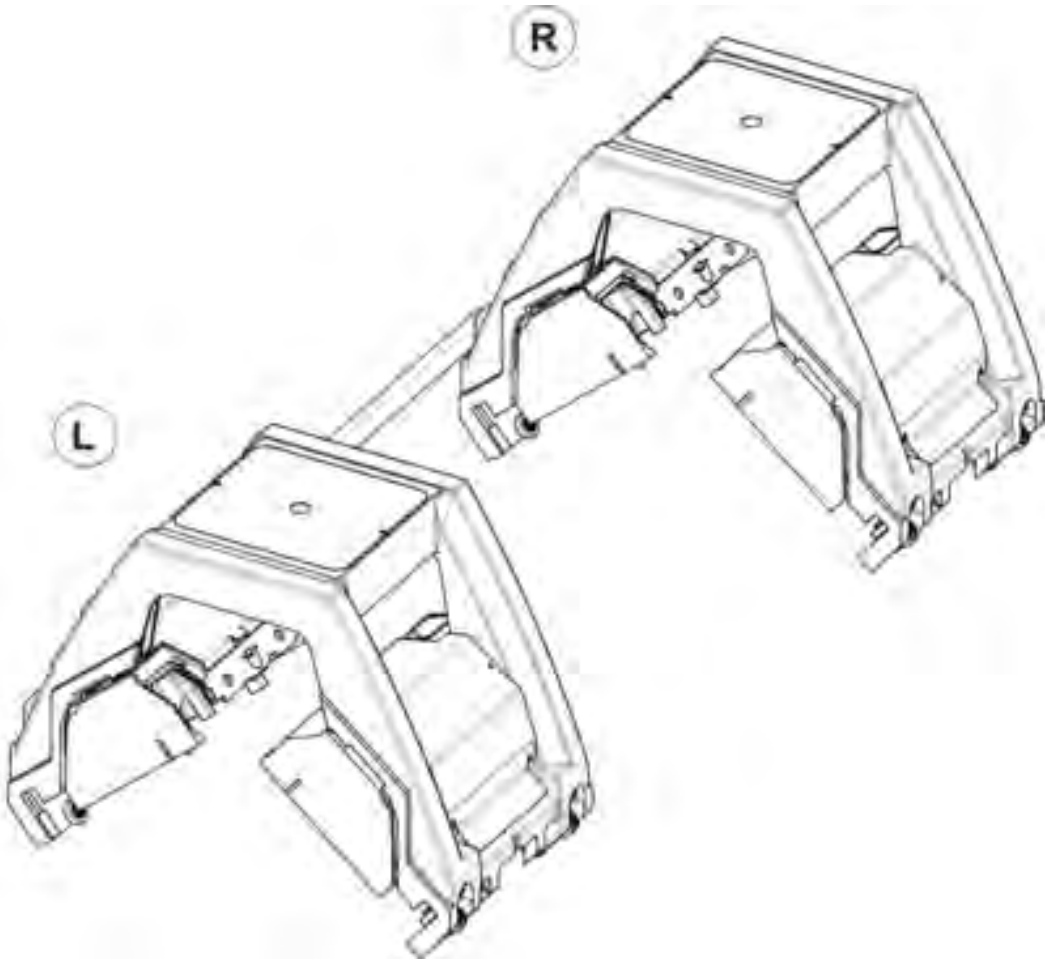


5 Tandem carriage



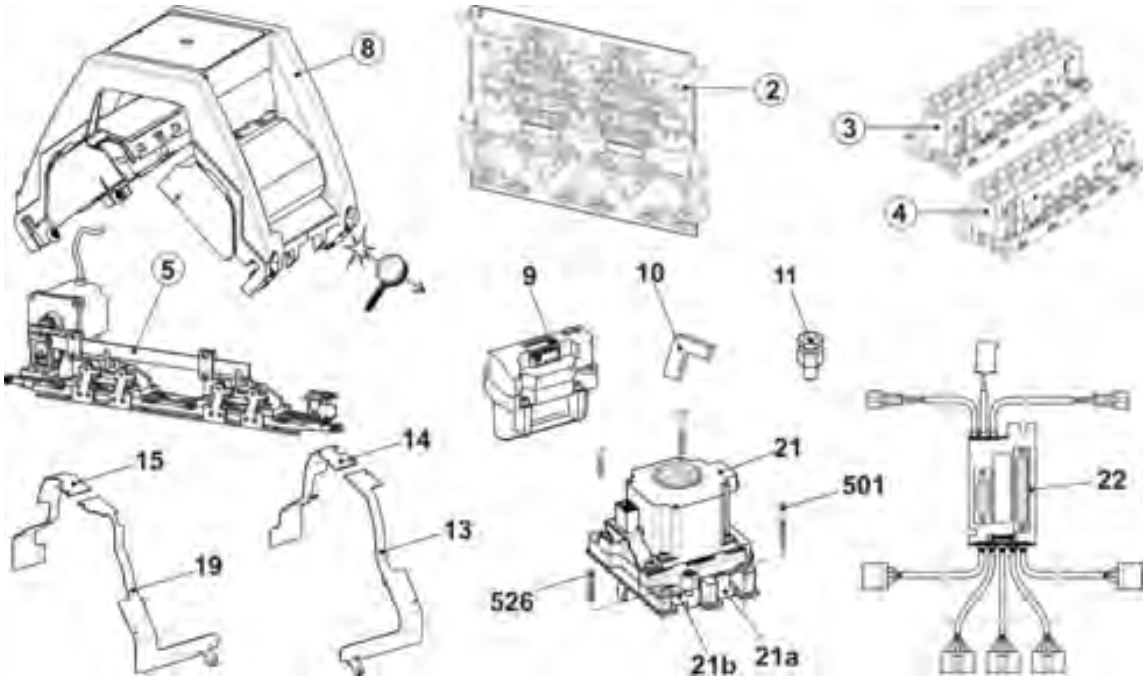
5.1 Overview of carriage

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 kw	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

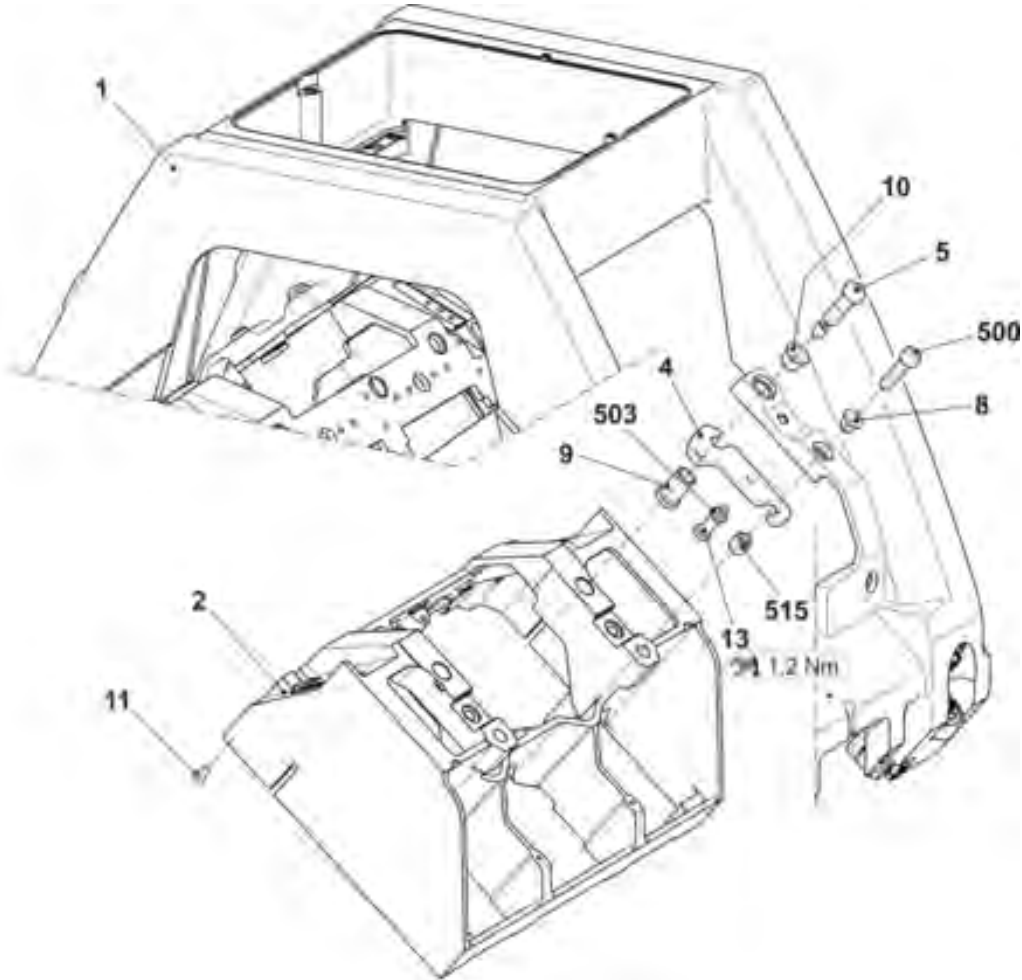
Pos	Designation	Id		Pos	Designation	Id
2	Cam box set complete			8	Carriage assembly 822 complete	253 304
	E10	256 883		9	Selection system complete	
	E12	256 884			E10 E12 E10m.12 E6.2(12m.10) E6.2kw E6.2mg	216 219
	E14	256 885			E14 E7.2kw E7.2mg	229 300
	E16 E18	255 121			E16 E18 E8.2mg	220 114
	E6.2(12m.10)	256 886		10	Wiper (felt)	241 411
	E6.2 kw	253 325		11	Bolts	212 392
	E7.2 kw	256 887		13	Guide plate at the rear on the left	255 438
	E6.2 mg	256 888		14	Cover plate on the left	250 274
	E7.2 mg	255 122		15	Cover plate on the right	250 275
	E8.2 mg	256 889		19	Guide plate at the rear on the right	255 439
3	FF driving outside complete	245 297		21	Motor unit ATM complete	251 827
4	FF driving in the middle complete	245 298			21a Gear rack at the top complete	251 817
5	Holding-down jack control complete				21b Gear rack at the bottom complete	251 818
	E10	254 230		22	Distributor 2 cam box	253 141
	E12 E14 E6.2(12m.10) E6.2 mg	254 231		501	Screw M4x35	023 550
	E16 E18 E8.2 mg	254 232		526	Screw M4x20	023 171
	E6.2 kw	253 353				
	E7.2 kw	254 229				
	E7.2 mg	254 233				



5.1 Overview of carriage

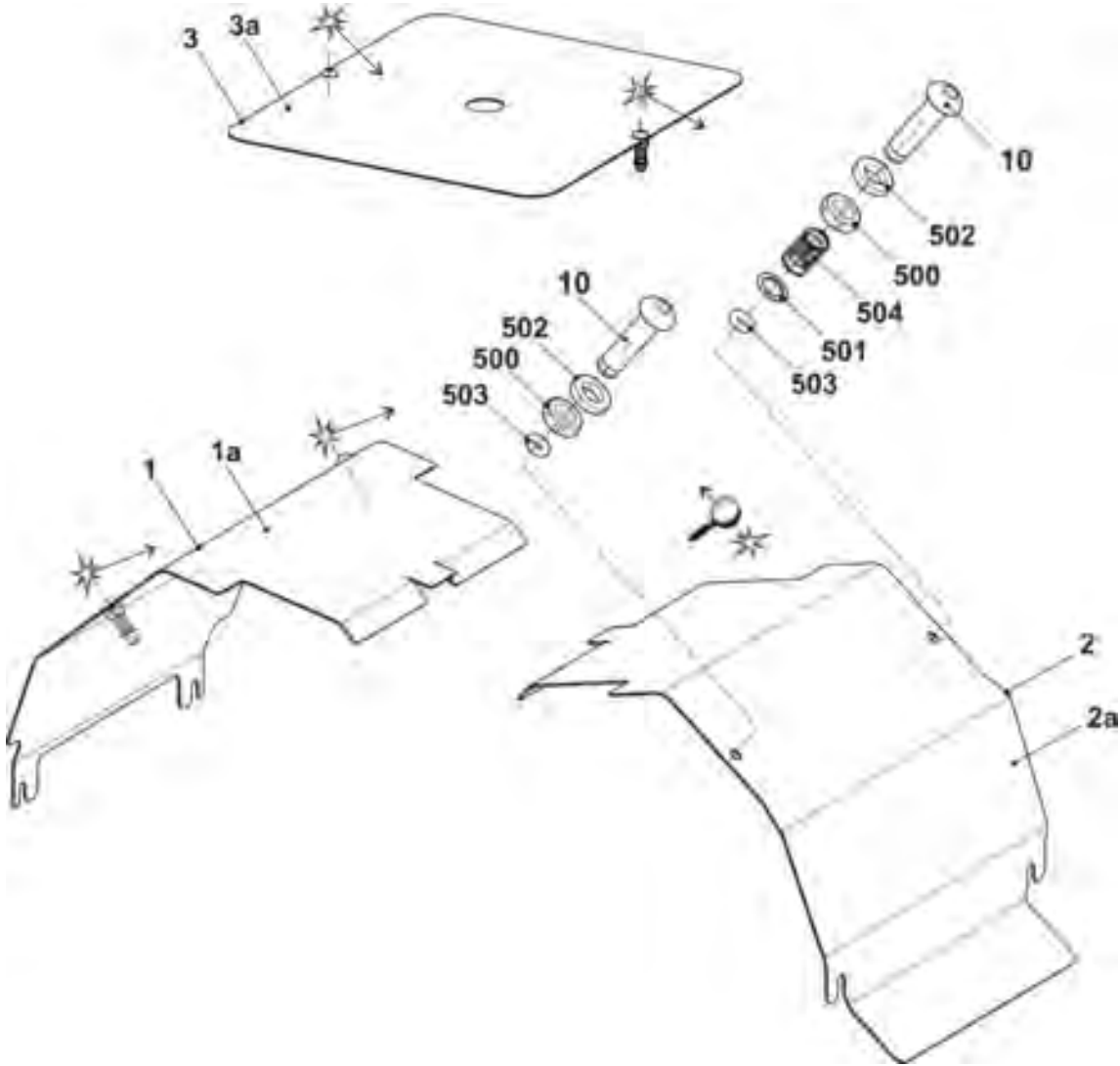
5.1.2 Carriage

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage assembly 822 complete	253 304				
1	Carriage frame, 2 cam boxes	252 773		10	Bush	209 274
2	Carriage part, 2 cam boxes	253 088		11	Eccentric	222 983
4	Shim	225 312		13	Locating bolt linking spot	244 179
5	Dowel screw	211 750		500	Cap screw M8x30	020 143
8	Bush	207 546		503	Circlip 5	021 021
9	Bush	209 275		515	Threaded bushing M12x11.5	041 863



5.1.3 Carriage cover

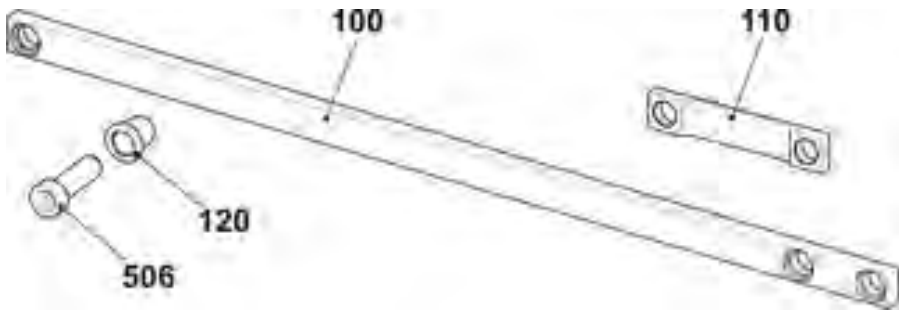
Pos	Designation		Id		Pos	Designation		Id
1	Carriage cover at the rear complete		257 174		1a	Carriage cover at the rear		253 318
2	Carriage cover at the front complete		257 174		2a	Carriage cover at the front		253 318
3	Carriage cover at the top complete		257 102		3a	Carriage cover at the top		253 317
	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	U-washer 6.1x9x0.5	023 554		504	Compression spring 0.48x7.02x17.29		023 654



5.1 Overview of carriage

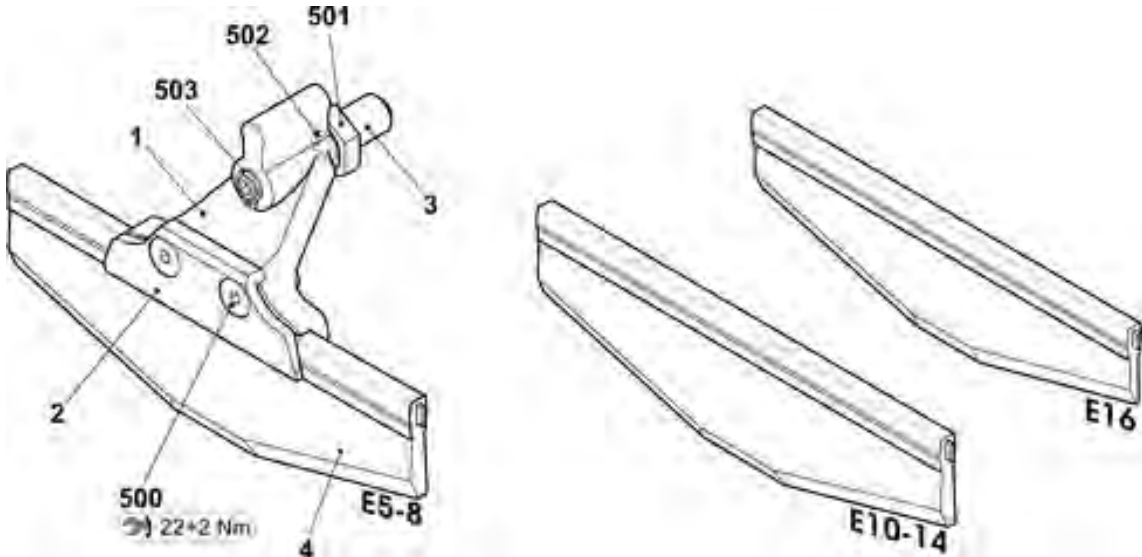
5.1.4 Carriage coupling

Pos	Designation	Id		Pos	Designation	Id
100	Connecting rod	254 981		120	Sleeve	225 600
110	Connecting rod short	242 891		506	Cap screw M16x45	023 366



5.1.5 Brush holder

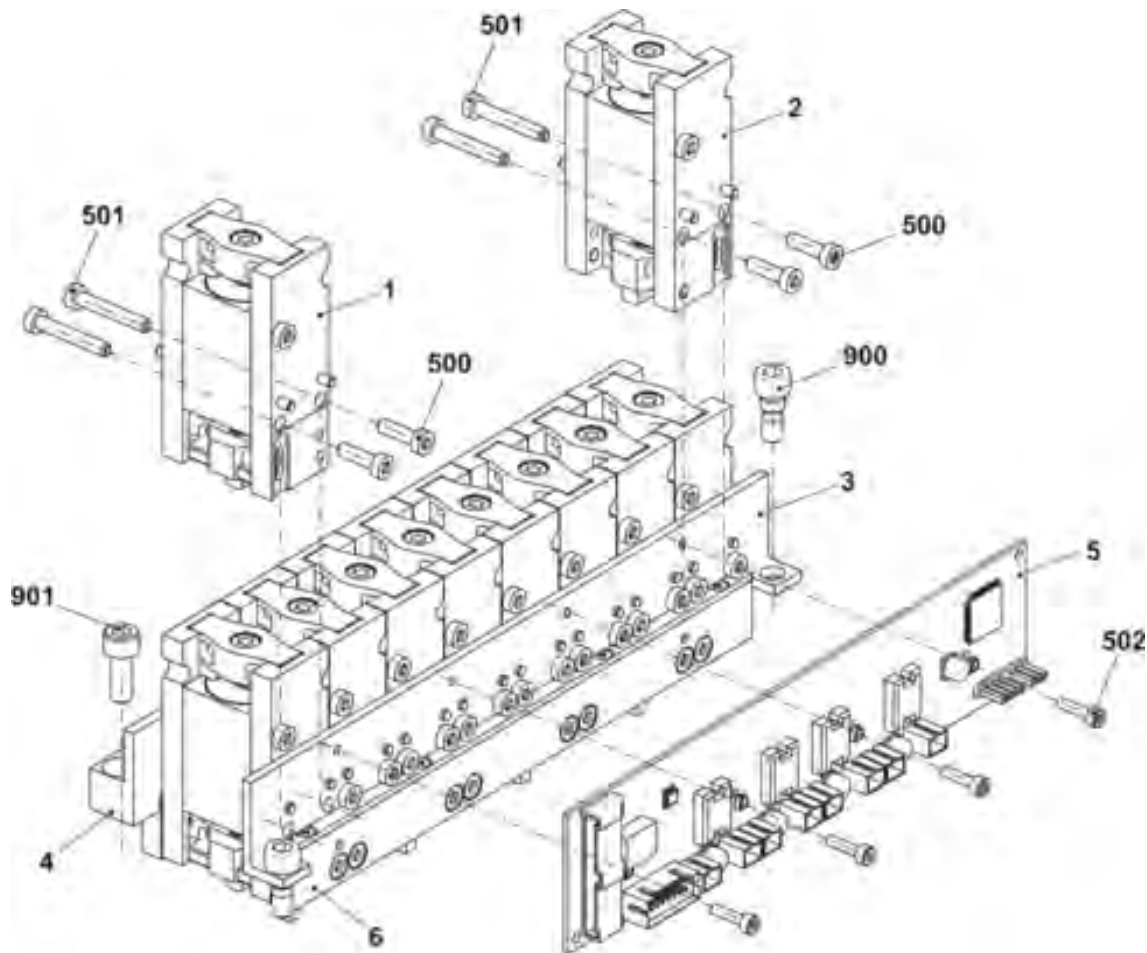
Pos	Designation	Id		Pos	Designation	Id
Σ	Brush holder complete			4	Brush	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 371			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 074
	E16 E18 E8.2	220 064			E16 E18 E8.2	203 254
1	Brush holder	219 423		500	Countersunk screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8	020 856
3	Threaded rod	209 740		502	Adjusting washer	023 348
				503	Locking ring 68x2.5	023 347



5.1 Overview of carriage

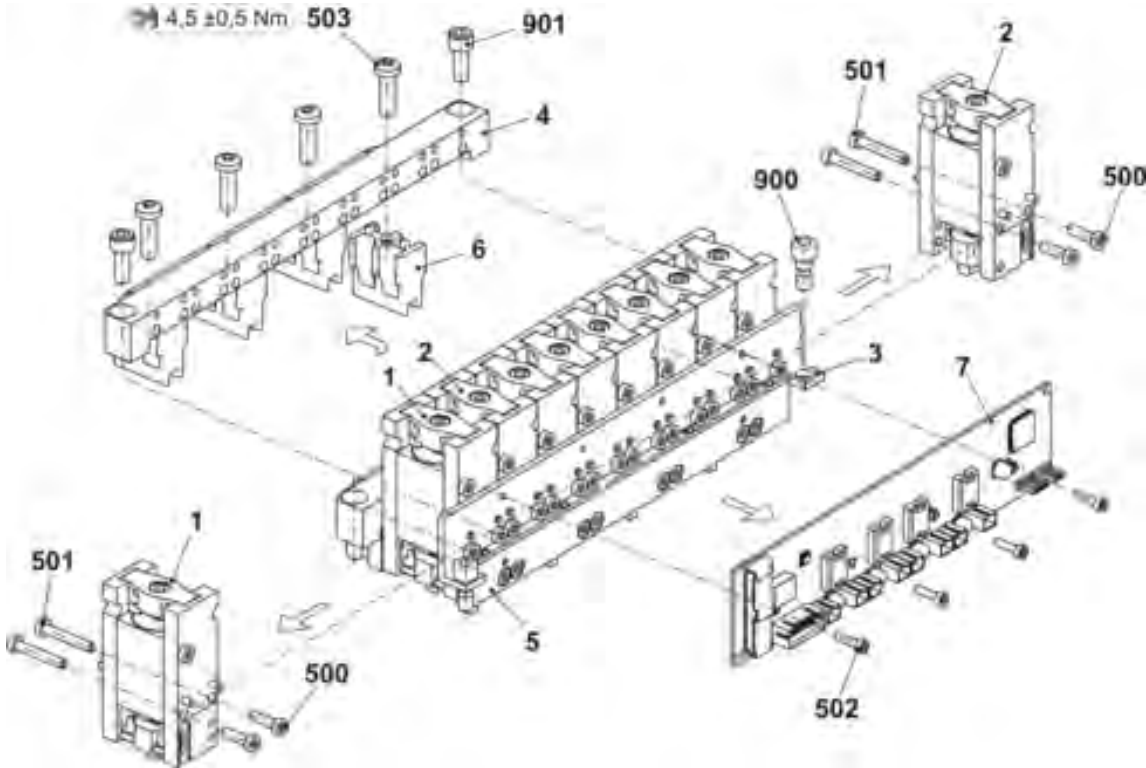
5.1.6 Yarn carrier driving without guiding part

Pos	Designation	Id		Pos	Designation	Id
Σ	YC driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screw M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313		502	Cap screw M3x12-12.9	022 648
4	Mounting block outside	245 294		900	Dowel screw	231 899
5	Card yarn carrier final stages	300 960		901	Cap screw M6x16	020 135



5.1.7 Yarn carrier driving with guiding part

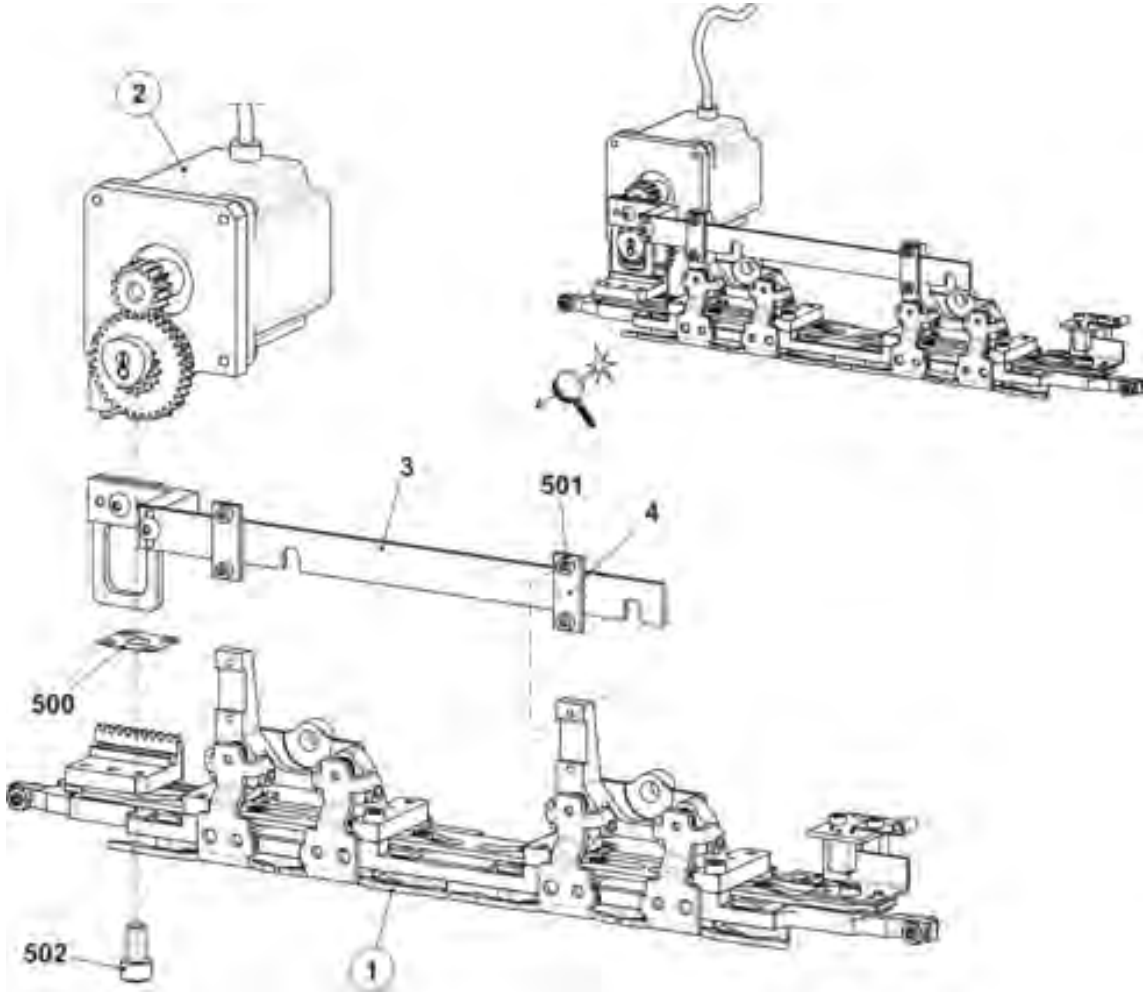
Pos	Designation	Id		Pos	Designation	Id
Σ	YC driving in the middle complete	245 298		7	Card yarn carrier final stages	300 960
1	Yarn carrier plunger on the right complete	243 080		500	Cap screw M4x16-I-Torx	258 336
2	Yarn carrier plunger on the left complete	243 118		501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313		502	Cap screw M3x12-12.9	022 648
4	Mounting block in the middle	245 308		503	Screw KB60 x 20	243 625
5	Switch mechanism	251 137		900	Dowel screw	231 899
6	Guide part	239 972		901	Cap screw M6x16	020 135



5.1 Overview of carriage

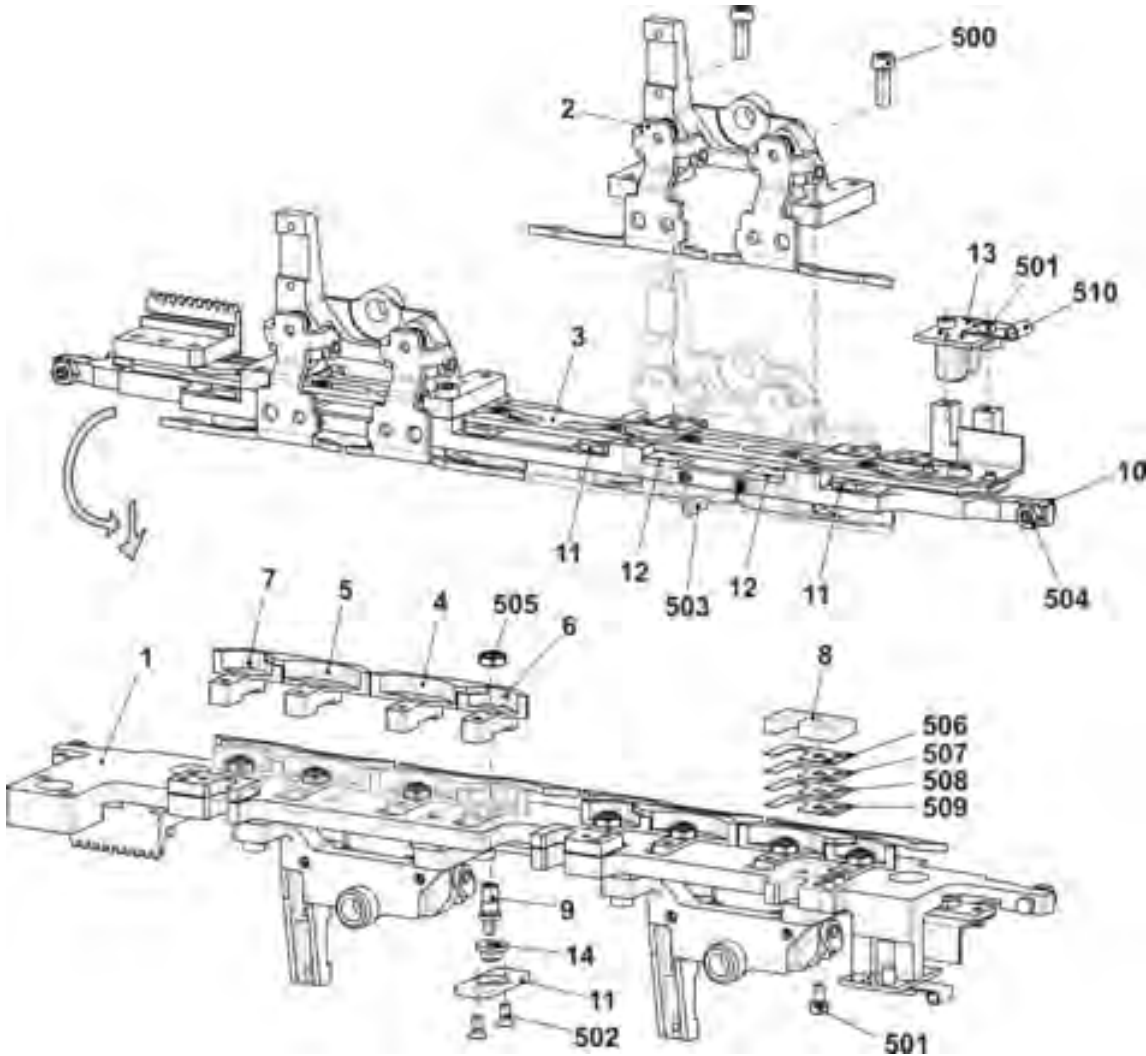
5.1.8 Holding-down jack control

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 screw M3x6	241 857
4	Cover plate	252 774		502	Cap screw M6x12	020 134



5.1.8.1 Jack cam box E10

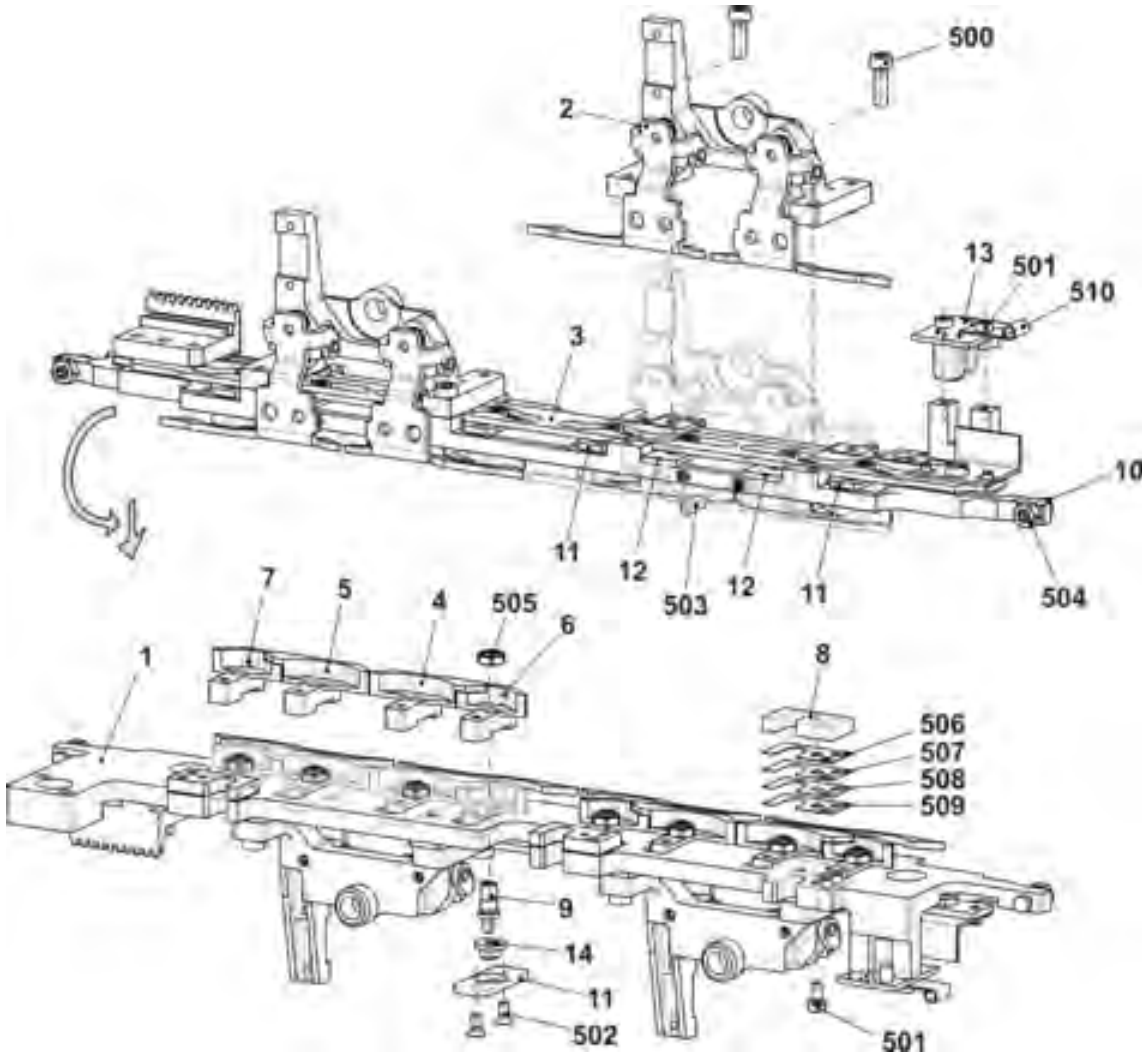
Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E10	254 223		13	Photoelectric sensor complete	239 362
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053		501	Cap screw M3x6	241 857
4	Jack slider on the right E10	254 076		502	Countersunk screw M3x6	020 286
5	Jack slider on the left E10	254 075		503	Set screw M4x6	023 726
6	Floating cam on the right E10	254 074		504	Hexagon nut M4-6	022 536
7	Floating cam on the left E10	254 073		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	ShimShim 0.03	252 999
9	Eccentric	239 344		507	Shim	253 000
10	adjusting 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

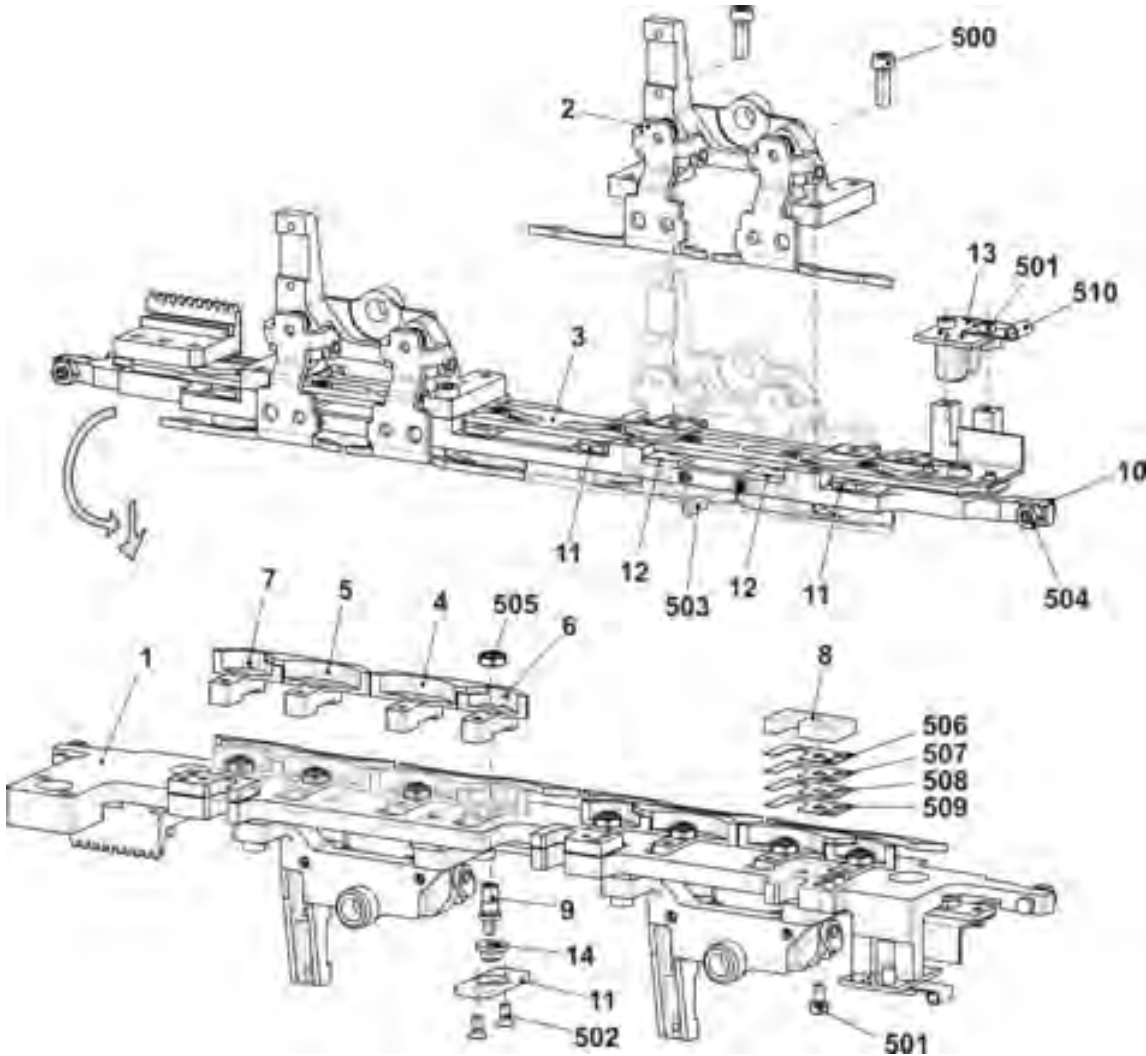
5.1.8.2 Jack cam box E12 | E14 | E6.2(E12m.10) | E6.2 mg

Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E12+14+6.2 mg	254 224		13	Photoelectric sensor complete	239 362
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	Set screw M4x6	023 726
6	Floating cam on the right E12-14+6.2 mg	254 078		504	Hexagon nut M4-6	022 536
7	Floating cam on the left E12-14+6.2 mg	254 077		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	ShimShim 0.03	252 999
9	Eccentric	239 344		507	Shim	253 000
10	adjusting 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



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

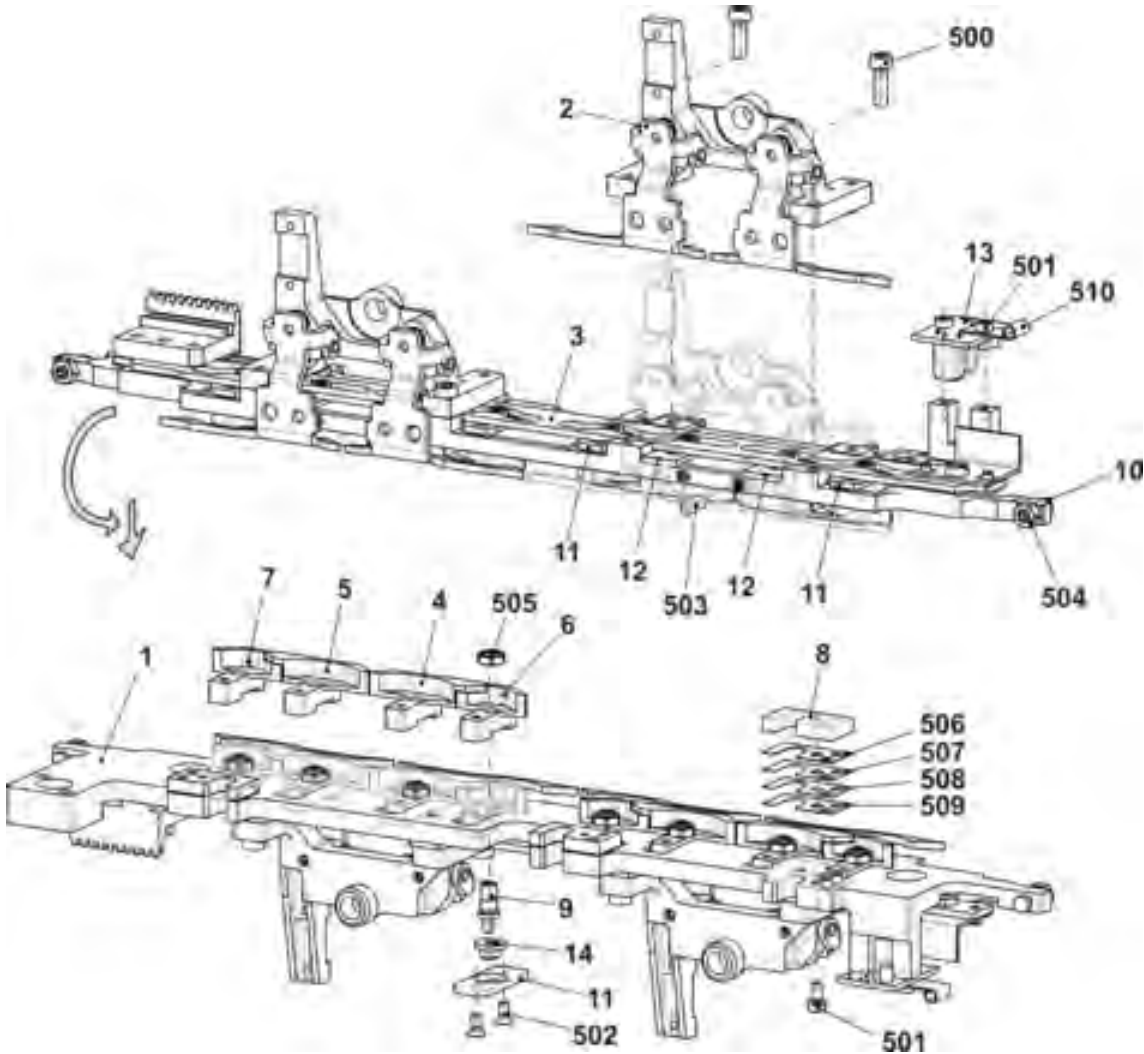
Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E16-18+8.2 mg	254 225		13	Photoelectric sensor complete	239 362
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide complete E10-16	254 053		501	Cap screw M3x6	241 857
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	Set screw M4x6	023 726
6	Floating cam on the right E16	254 082		504	Hexagon nut M4-6	022 536
7	Floating cam on the left E16	254 081		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	ShimShim 0.03	252 999
9	Eccentric	239 344		507	Shim	253 000
10	adjusting 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

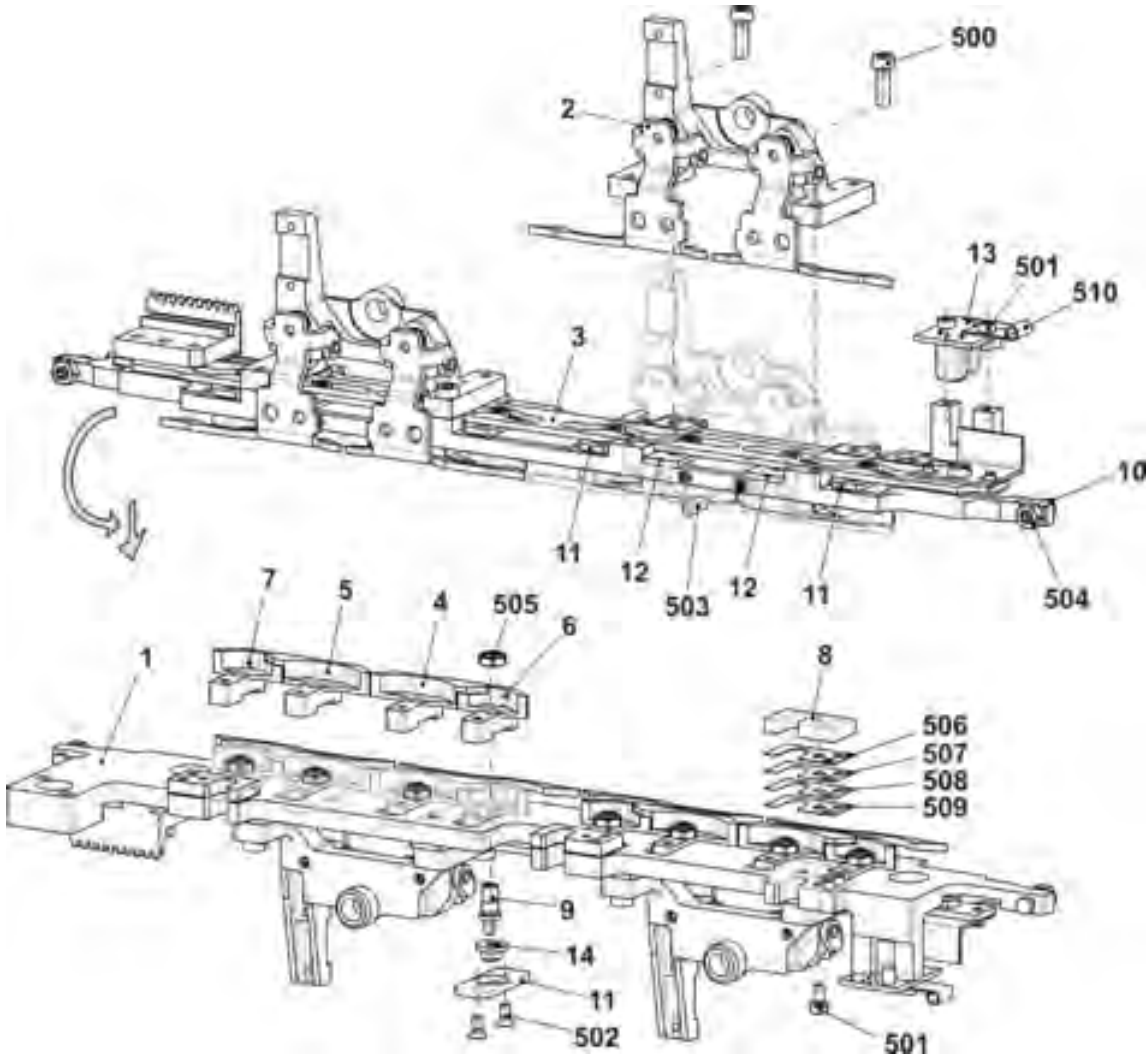
5.1.8.4 Jack cam box E6.2 kw

Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E6.2 kw	253 354		13	Photoelectric sensor complete	239 362
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 E14 complete	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	Set screw M4x6	023 726
6	Floating cam on the right E6.2 kw	252 517		504	Hexagon nut M4-6	022 536
7	Floating cam on the left E6.2 kw	252 516		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	ShimShim 0.03	252 999
9	Eccentric	239 344		507	Shim	253 000
10	adjusting 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



5.1.8.5 Jack cam box E7.2 kw

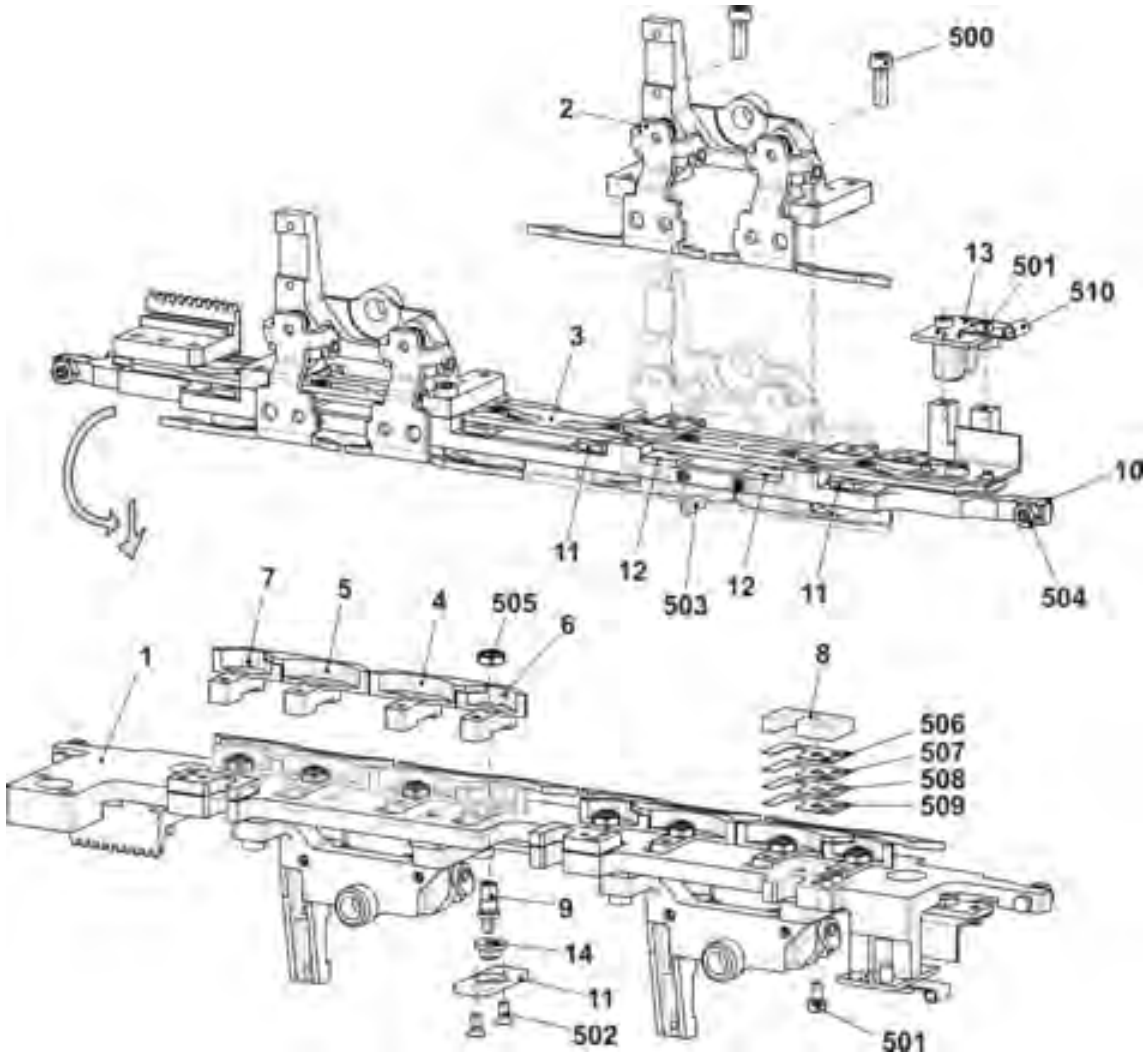
Pos	Designation	Id		Pos	Designation	Id
Σ	Jack cam box complete E7.2 kw	254 222		13	Photoelectric sensor complete	239 362
1	Jack cam box plate	255 035		14	Cap bush	225 855
2	Support complete	252 545		500	Cap screw M4x12	241 859
3	Control slide E14 complete	252 511		501	Cap screw M3x6	241 857
4	Jack slider 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	Set screw M4x6	023 726
6	Floating cam on the right E7.2 kw	254 070		504	Hexagon nut M4-6	022 536
7	Floating cam on the left E7.2 kw	254 069		505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868		506	ShimShim 0.03	252 999
9	Eccentric	239 344		507	Shim	253 000
10	adjusting 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

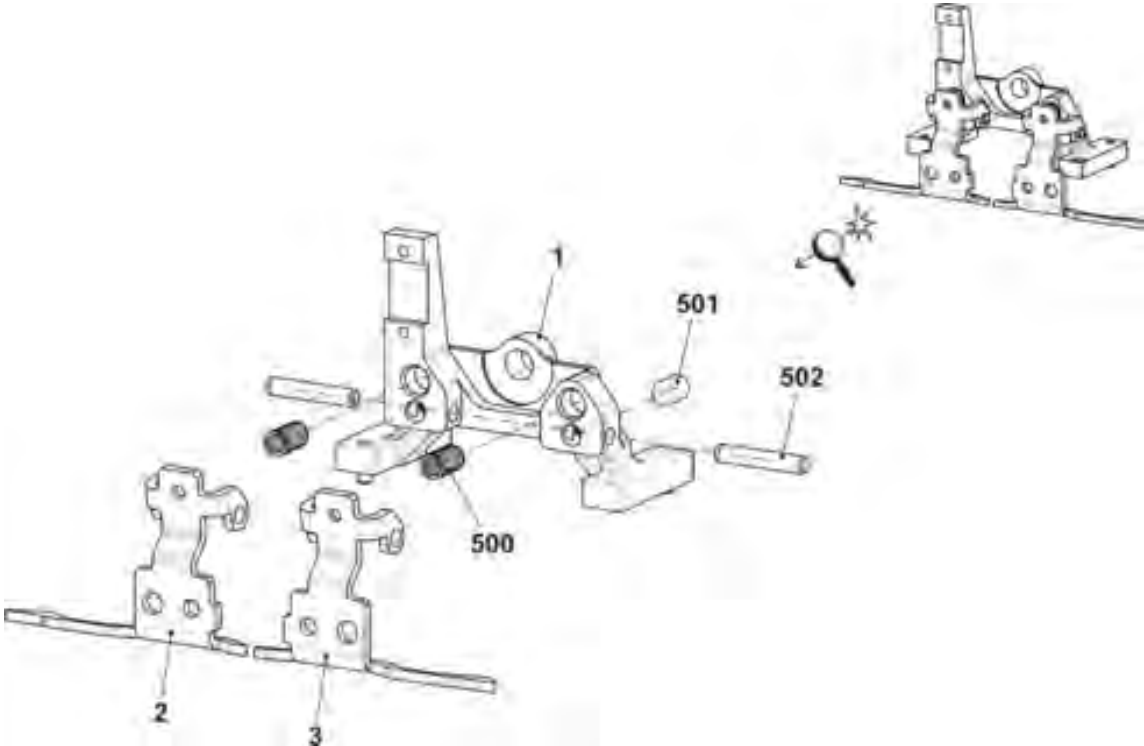
5.1.8.6 Jack cam box E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Jack cam box complete E7.2 mg	254 226	13	Photoelectric sensor complete	239 362
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 E14 complete	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	Set screw M4x6	023 726
6	Floating cam on the right E7.2 kw	254 070	504	Hexagon nut M4-6	022 536
7	Floating cam on the left E7.2 kw	254 069	505	Hexagon nut M5-04	020 854
8	Intermediate plate	252 868	506	ShimShim 0.03	252 999
9	Eccentric	239 344	507	Shim	253 000
10	adjusting 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



5.1.8.7 Support complete

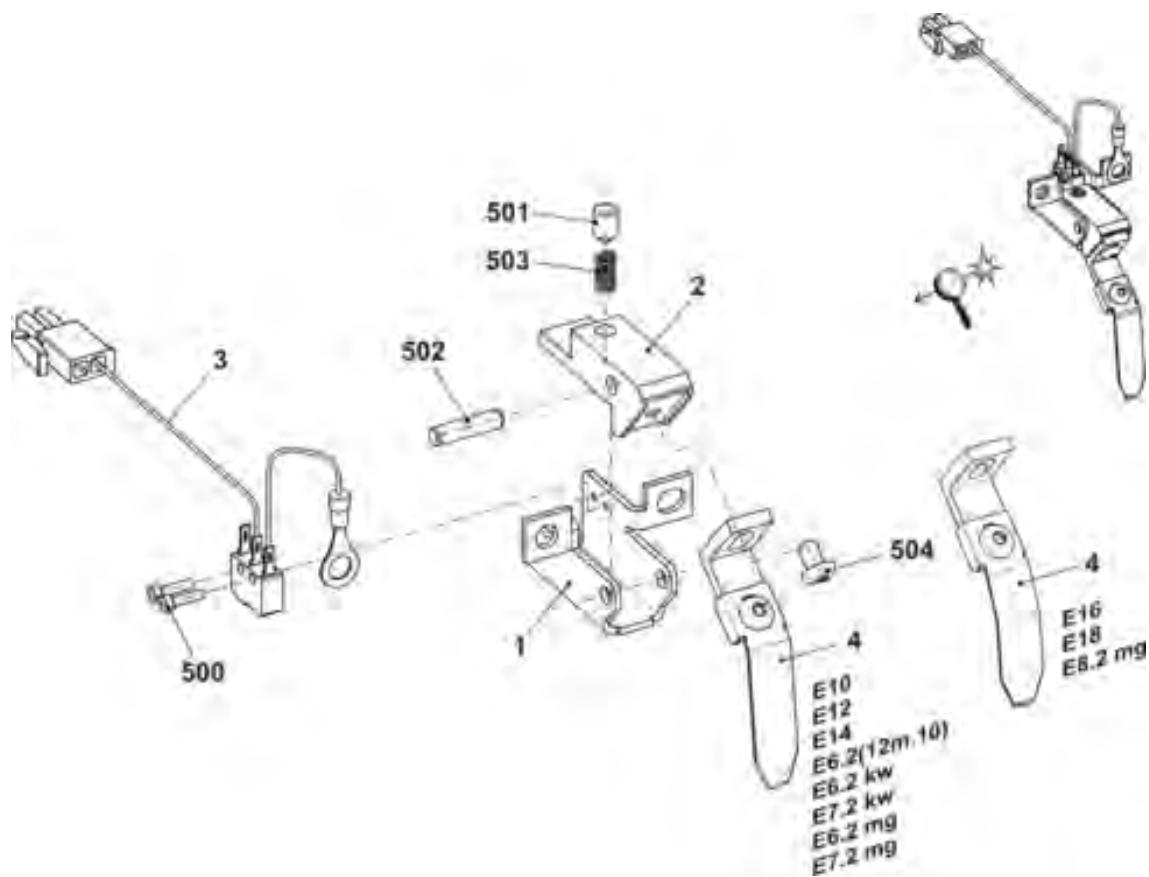
Pos	Designation	Id		Pos	Designation	Id
Σ	Support complete	252 545				
1	Support	254 980		500	Compression spring 0.8x5.0x12	250 693
2	Set-out plate on the right	252 514		501	Set screw M4x6	023 726
3	Set-out plate on the left	252 515		502	Setting pin 4x22	020 663



5.1 Overview of carriage

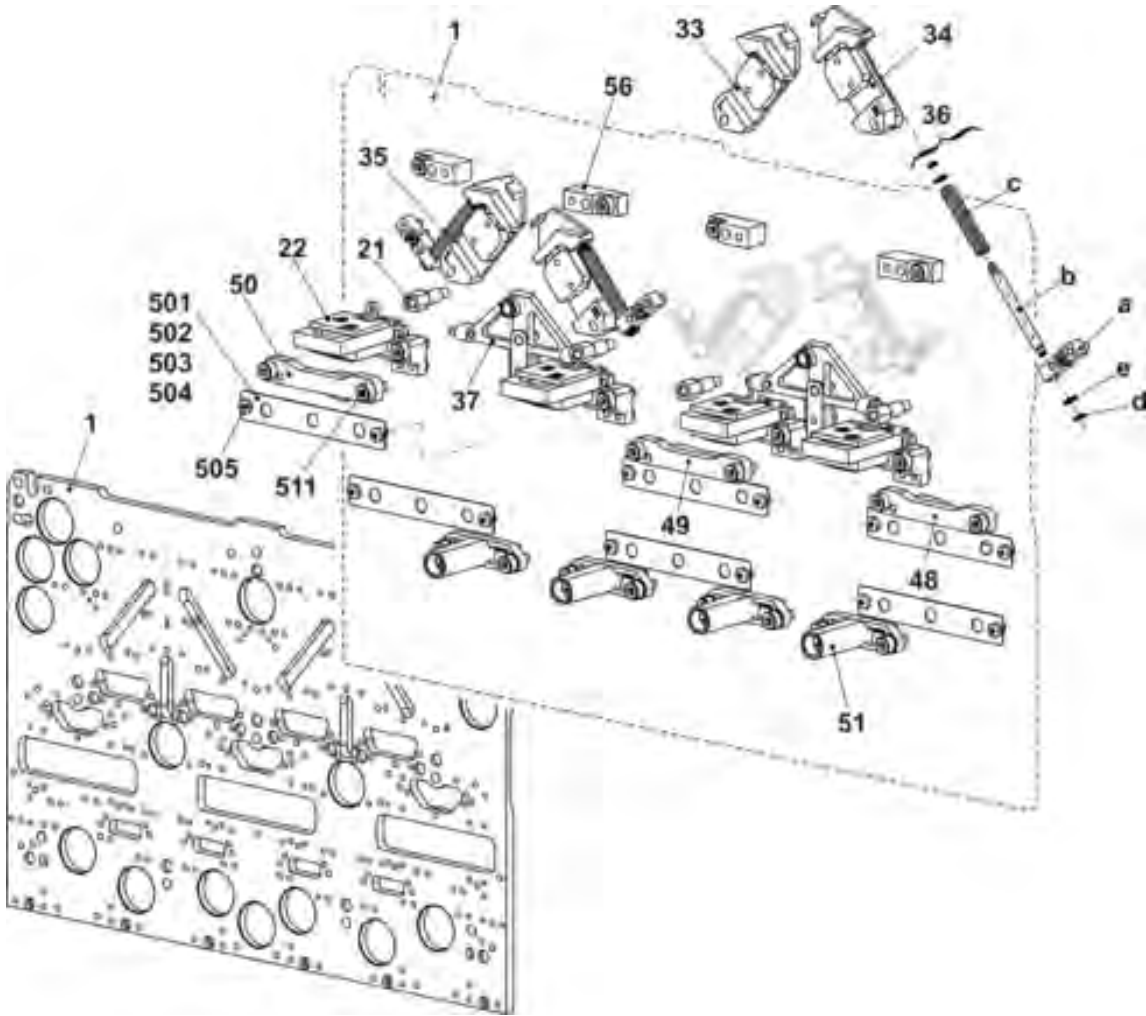
5.1.9 Needle detector

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 E8.2mg	256 823				
1	Needle detector pick up	256 828		500	Countersunk screw M2x8	258 310
2	Switch rocker	256 829		501	Setscrew M5x8	022 809
3	Cable of needle detector complete	240 018		502	Setting 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	Countersunk screw M4x6	023 427



5.1.10 Cam box E10

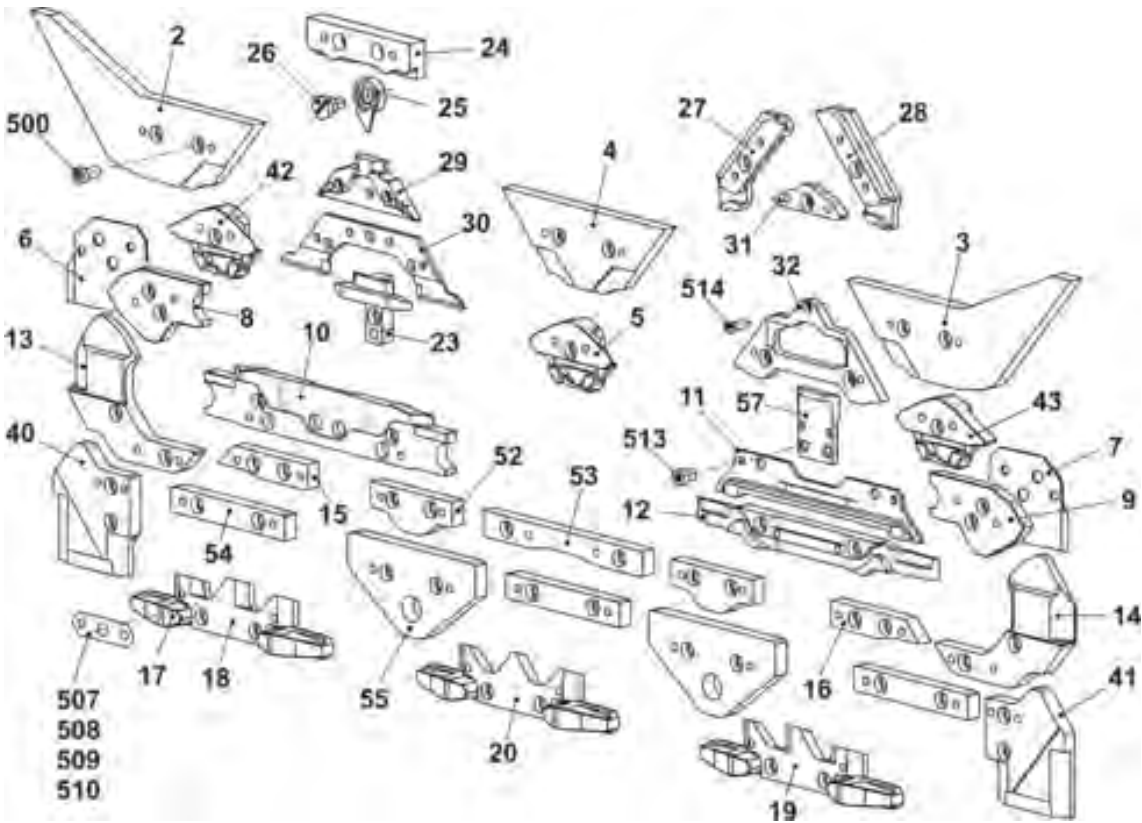
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E10		256 883					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E10		254 246		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E10		254 247		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

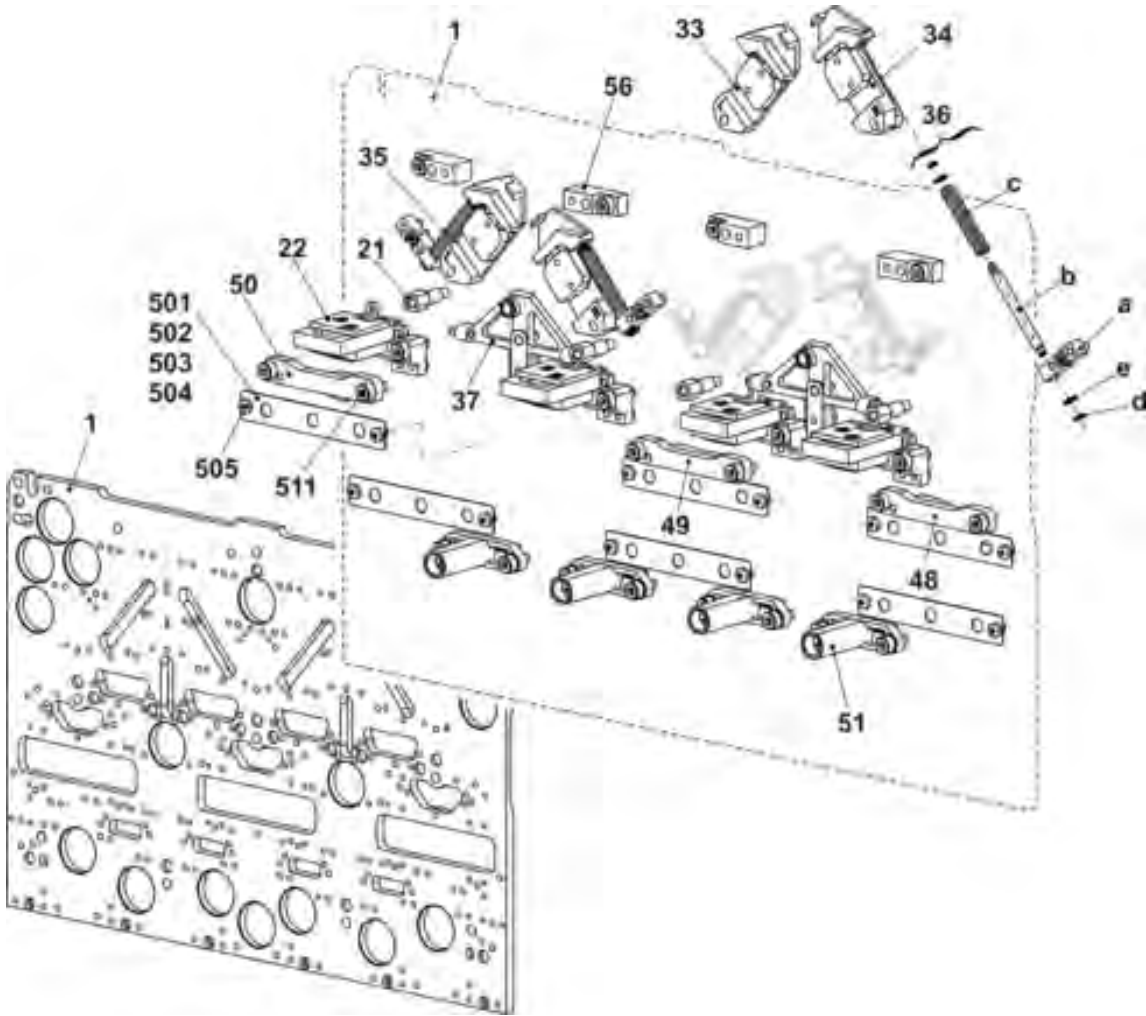
5.1.10.1 Cams E10

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E10-E14 + E7.2	254 331
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E10-E14 + E7.2	254 332
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E10 + E7.2	254 295
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E10-12	251 997
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E10-12+7.2	254 334
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E10-12, E7.2	254 335
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.11 Cam box E12

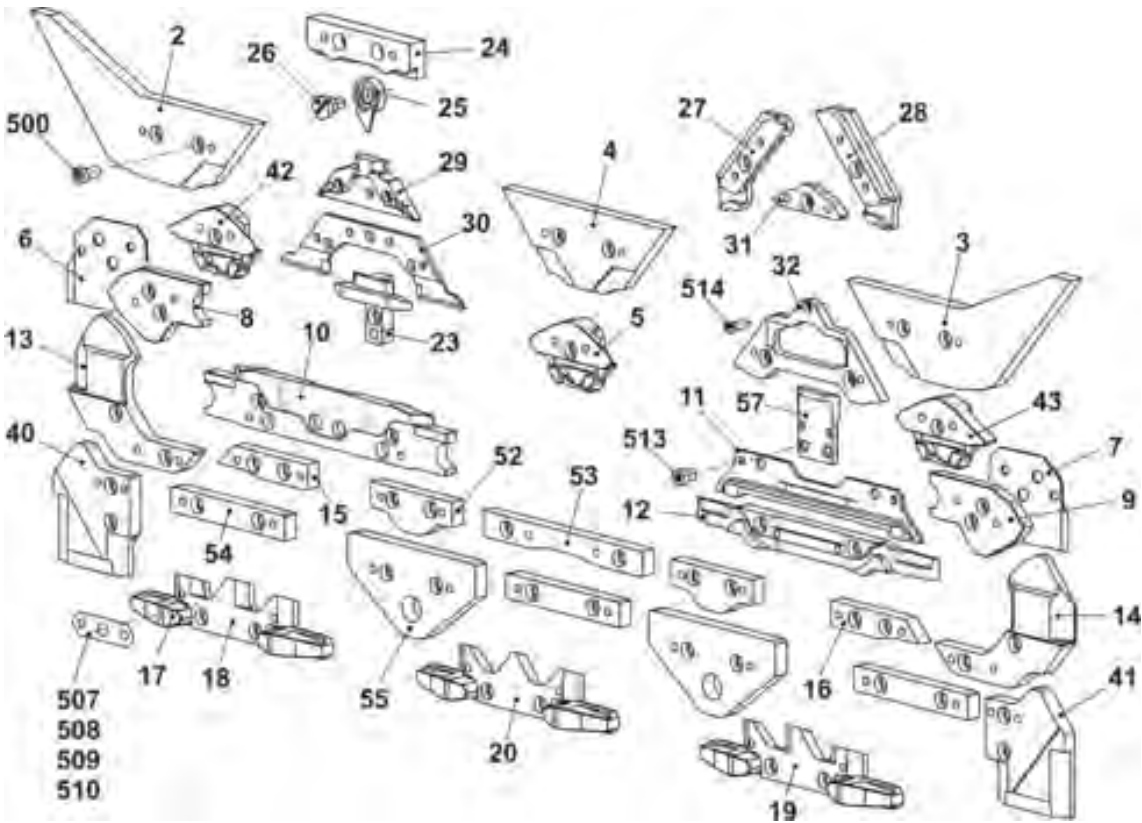
Pos	Designation	Id		Pos	Designation	Id
Σ	Cam box set complete E12	256 884				
1	Cam plate E10-18	252 883		37	Slider pressure part complete	251 834
21	Stay bolt	254 839		48	Intermediate cam n the left E10-18	255 052
22	Guide of pressure part complete	253 480		49	Intermediate cam E10-18	255 051
33	Loop sinking cam on the left complete E12-14	254 248		50	Intermediate cam on the right E10-18	255 053
34	Loop sinking cam on the right complete E12-14	254 249		51	Limit cam complete E10-18	251 889
35	Rod guide element on the left complete	252 662		56	Holding piece	251 828
36	Rod guide element on the right complete	252 663		501	Shim 0,03x12x75	022 828
a	Rod guidance part	252 660		502	Shim 0,05x12x75	022 829
b	Spring rod	252 661		503	Shim 0.1x12x75	022 830
c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75	022 831
d	Circlip 3	023 565		505	Countersunk screw M3x4	023 142
E	U-washer 3	020 877		511	Cap screw M4X10	023 136



5.1 Overview of carriage

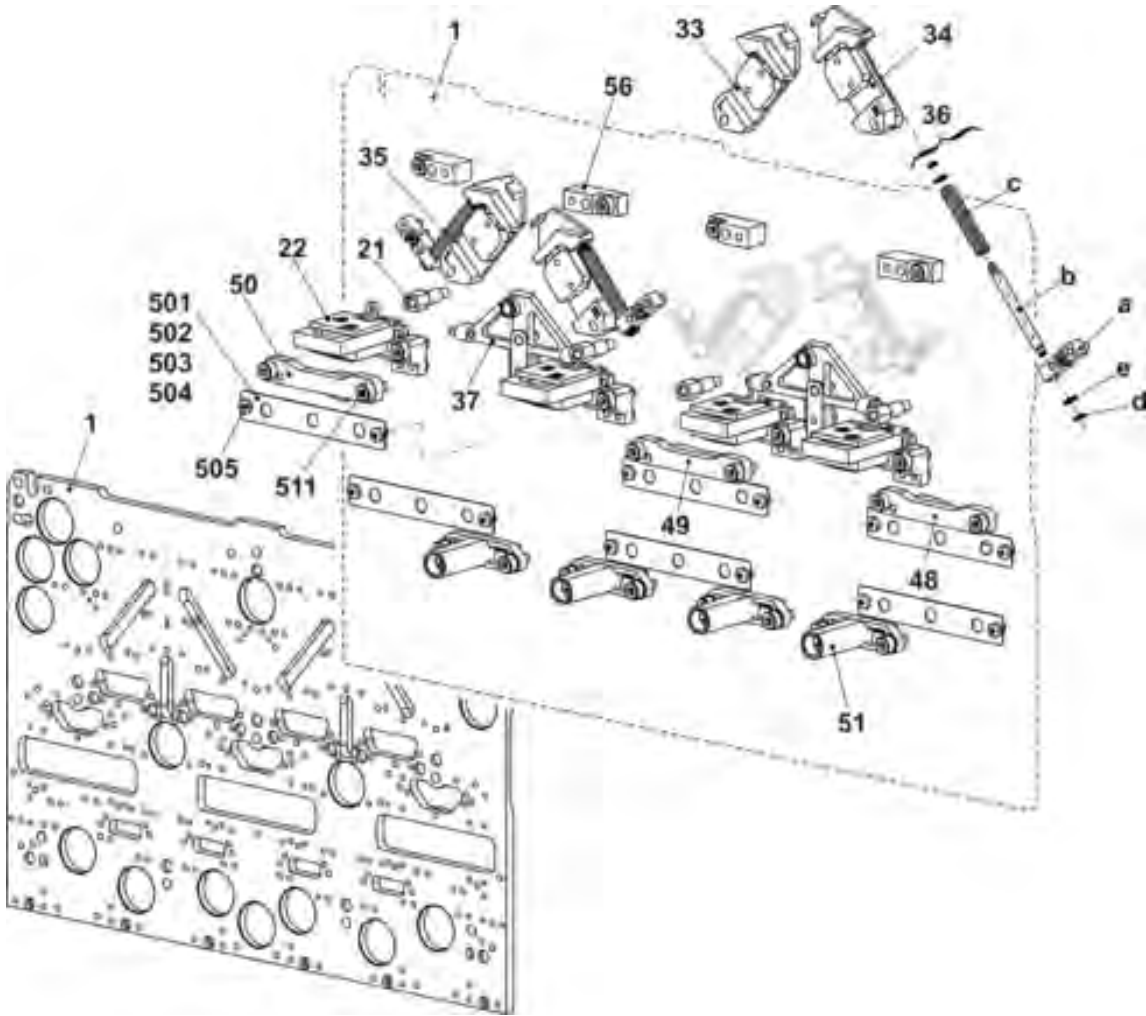
5.1.11.1 Cams E12

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E10-E14 + E7.2	254 331
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E10-E14 + E7.2	254 332
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E12-14	254 298
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E10-12	251 997
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E10-12+7.2	254 334
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E10-12, E7.2	254 335
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E12-14	252 522	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.12 Cam box E14

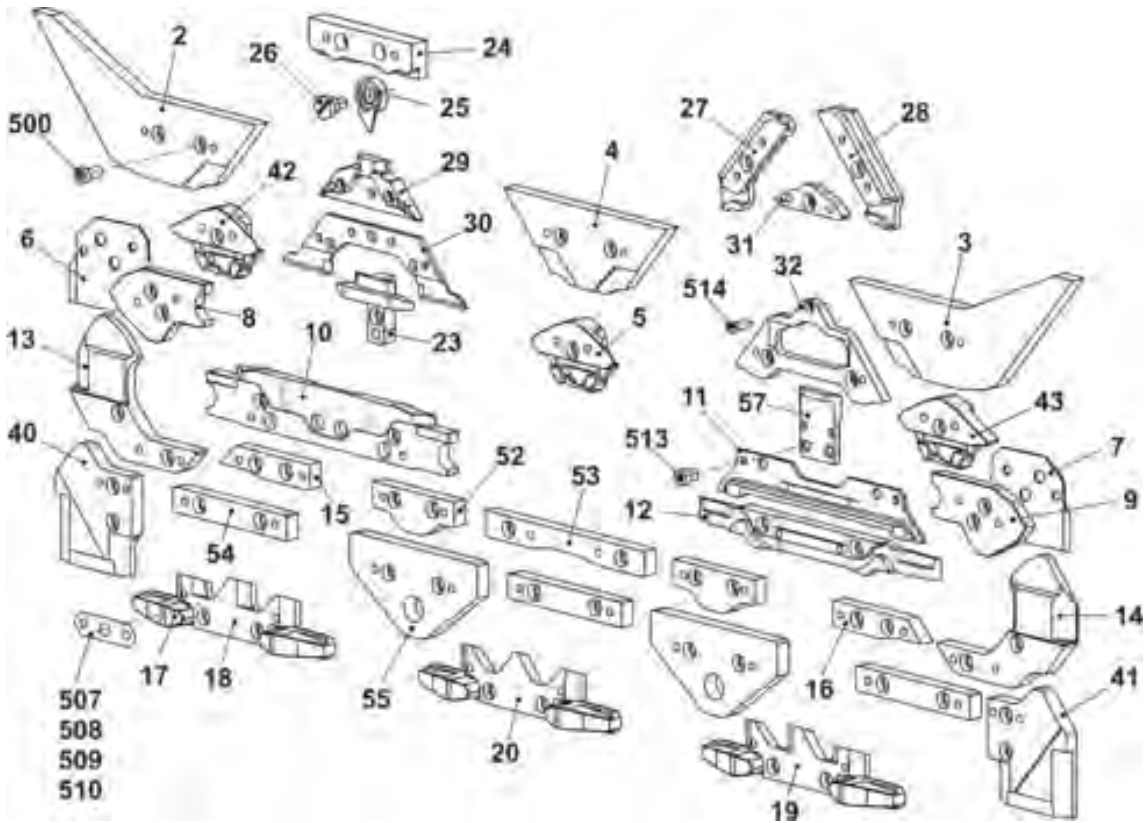
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E14		256 885					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E12-14		254 248		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E12-14		254 249		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

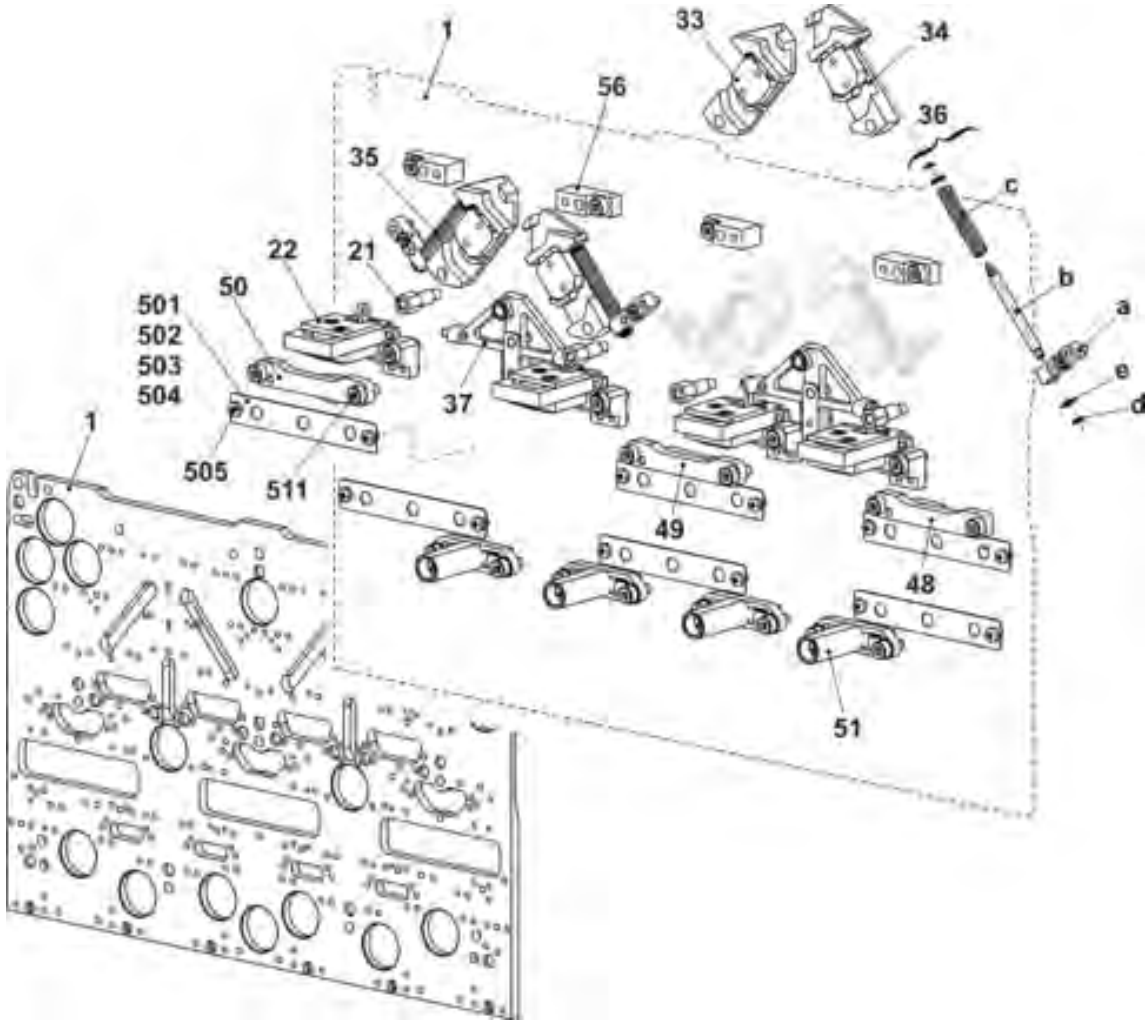
5.1.12.1 Cams E14

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E10-E14 + E7.2	254 331
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E10-E14 + E7.2	254 332
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E10-14	254 298
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E14	252 607
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E14	254 336
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E14	254 337
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E12-14	252 522	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.13 Cam box E16 | E18

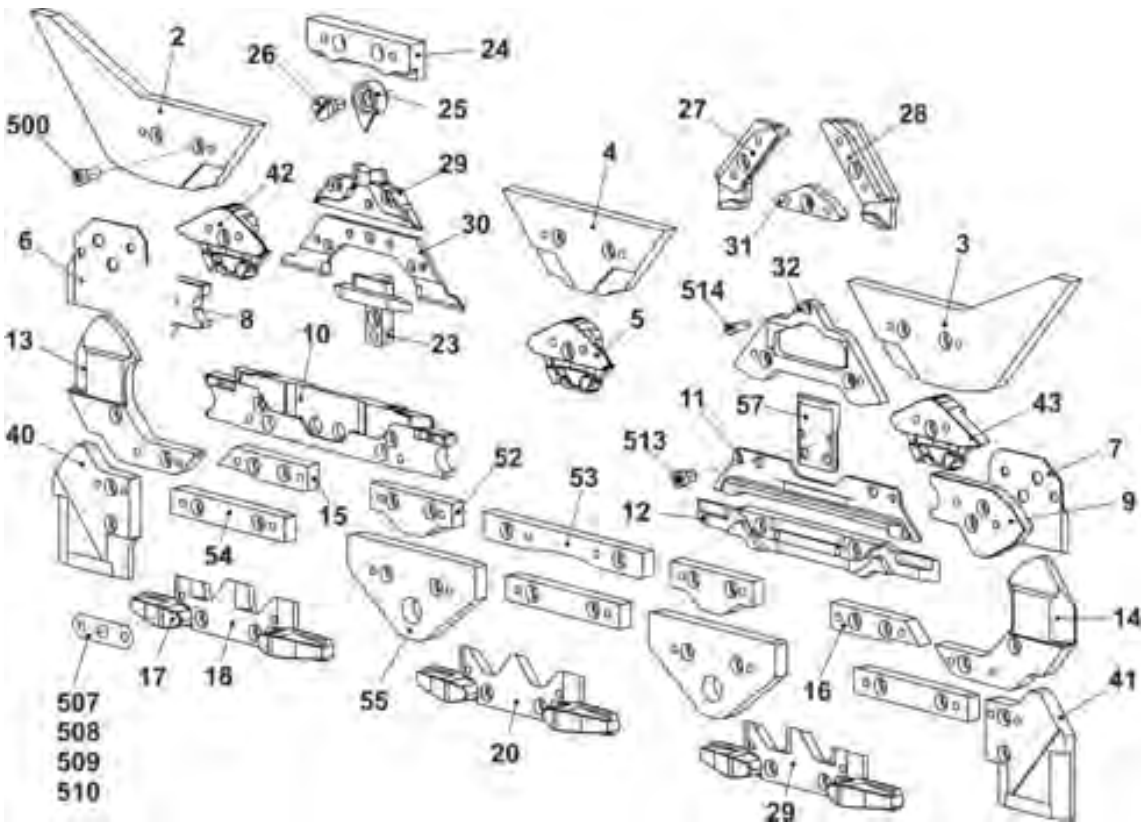
Pos	Designation	Id		Pos	Designation	Id
Σ	Cam box set complete E16-18	255 121				
1	Cam plate E10-18	252 883		37	Slider pressure part complete	251 834
21	Stay bolt	254 839		48	Intermediate cam n the left E10-18	255 052
22	Guide of pressure part complete	253 480		49	Intermediate cam E10-18	255 051
33	Loop sinking cam on the left complete E16-18	251 965		50	Intermediate cam on the right E10-18	255 053
34	Loop sinking cam on the right complete E16-18	251 966		51	Limit cam complete E10-18	251 889
35	Rod guide element on the left complete	252 662		56	Holding piece	251 828
36	Rod guide element on the right complete	252 663		501	Shim 0,03x12x75	022 828
a	Rod guidance part	252 660		502	Shim 0,05x12x75	022 829
b	Spring rod	252 661		503	Shim 0.1x12x75	022 830
c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75	022 831
d	Circlip 3	023 565		505	Countersunk screw M3x4	023 142
E	U-washer 3	020 877		511	Cap screw M4X10	023 136



5.1 Overview of carriage

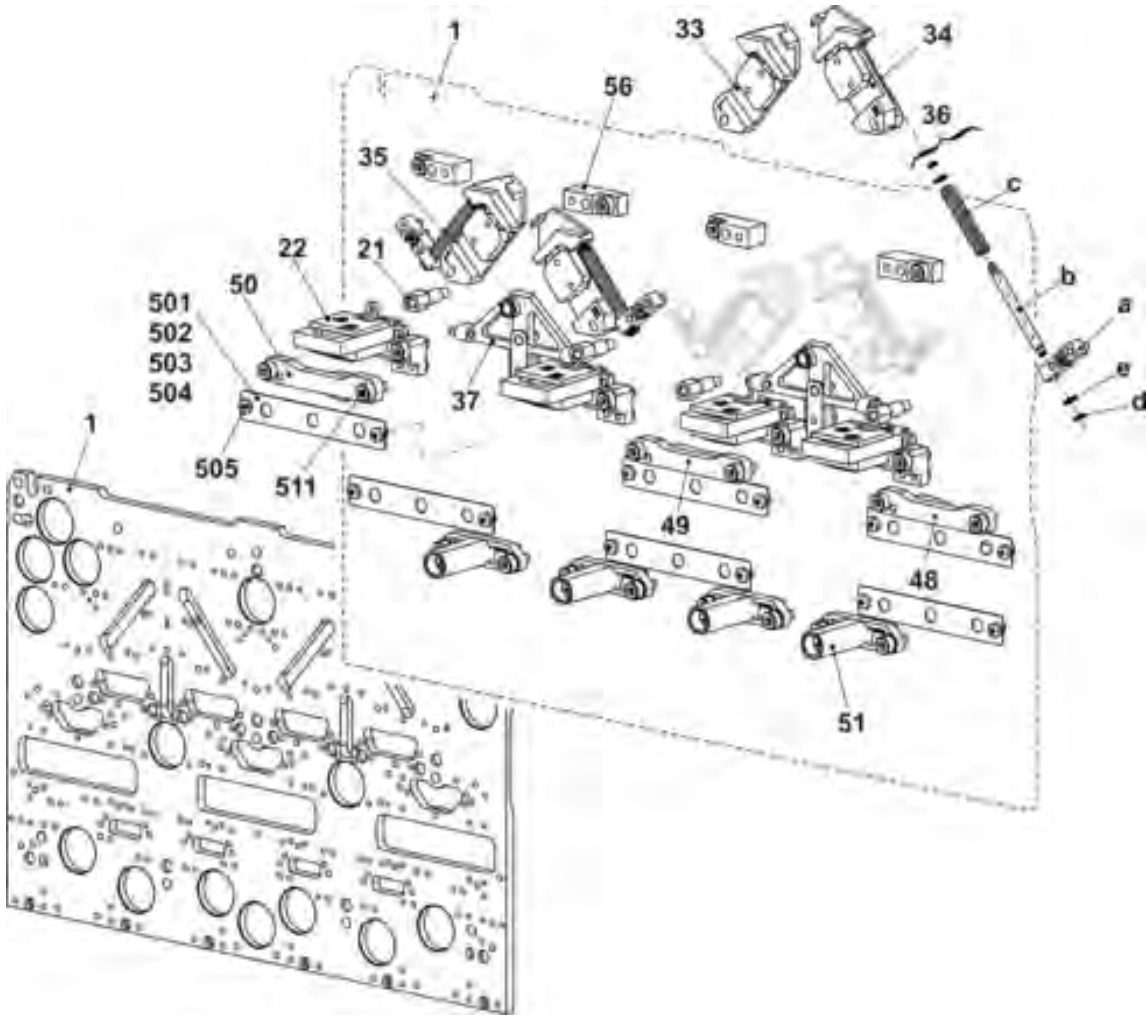
5.1.13.1 Cams E16 | E18

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E16-18, E8.2	254 338
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E16-18, E8.2	254 339
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E16-18	254 299
5	Knitting position cam E16-18	255 027	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E16-18	252 654
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E16-18+8.2	254 340
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E16-18, E8.2	254 341
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E16-18	256 681	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam left E16-18	255 028
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E16-18	255 029
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E16-18	252 646	510	Shim 0,2x8x28	023 385
25	Pointer E16-18	252 656	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



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

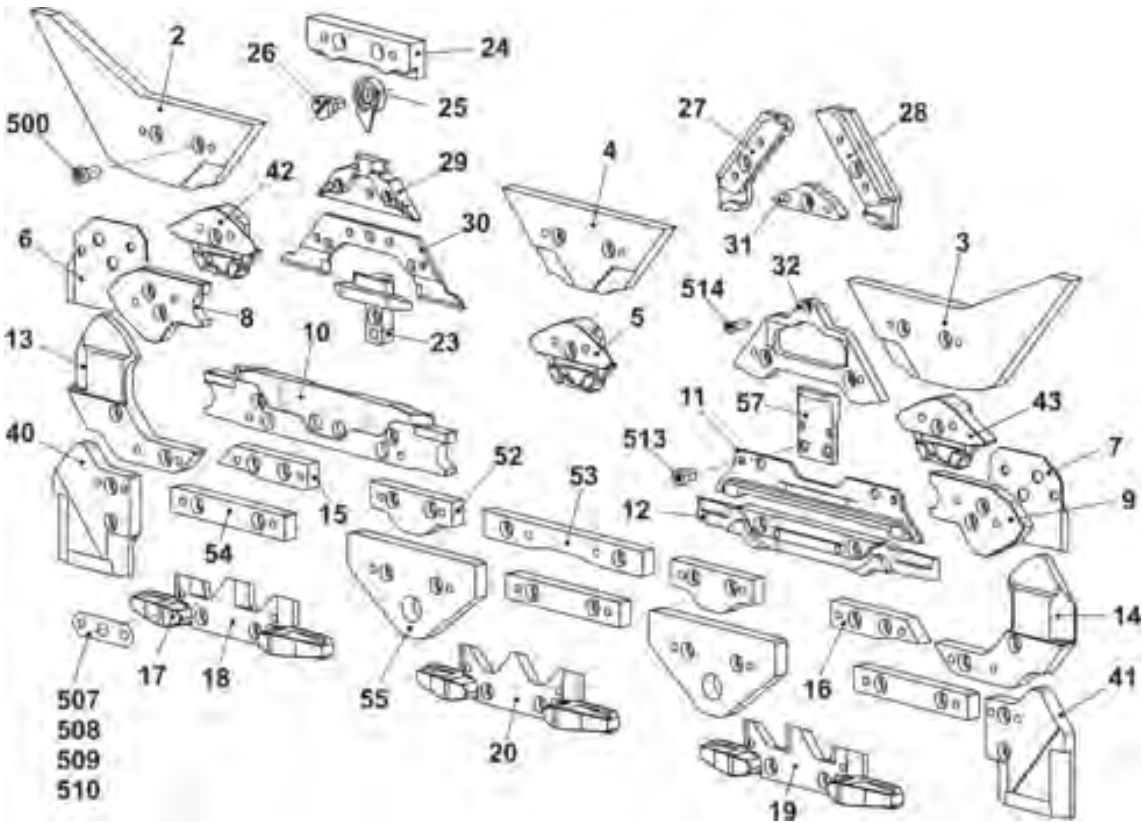
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E6.2(12m.10)		256 886					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E12-14		254 248		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E12-14		254 249		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

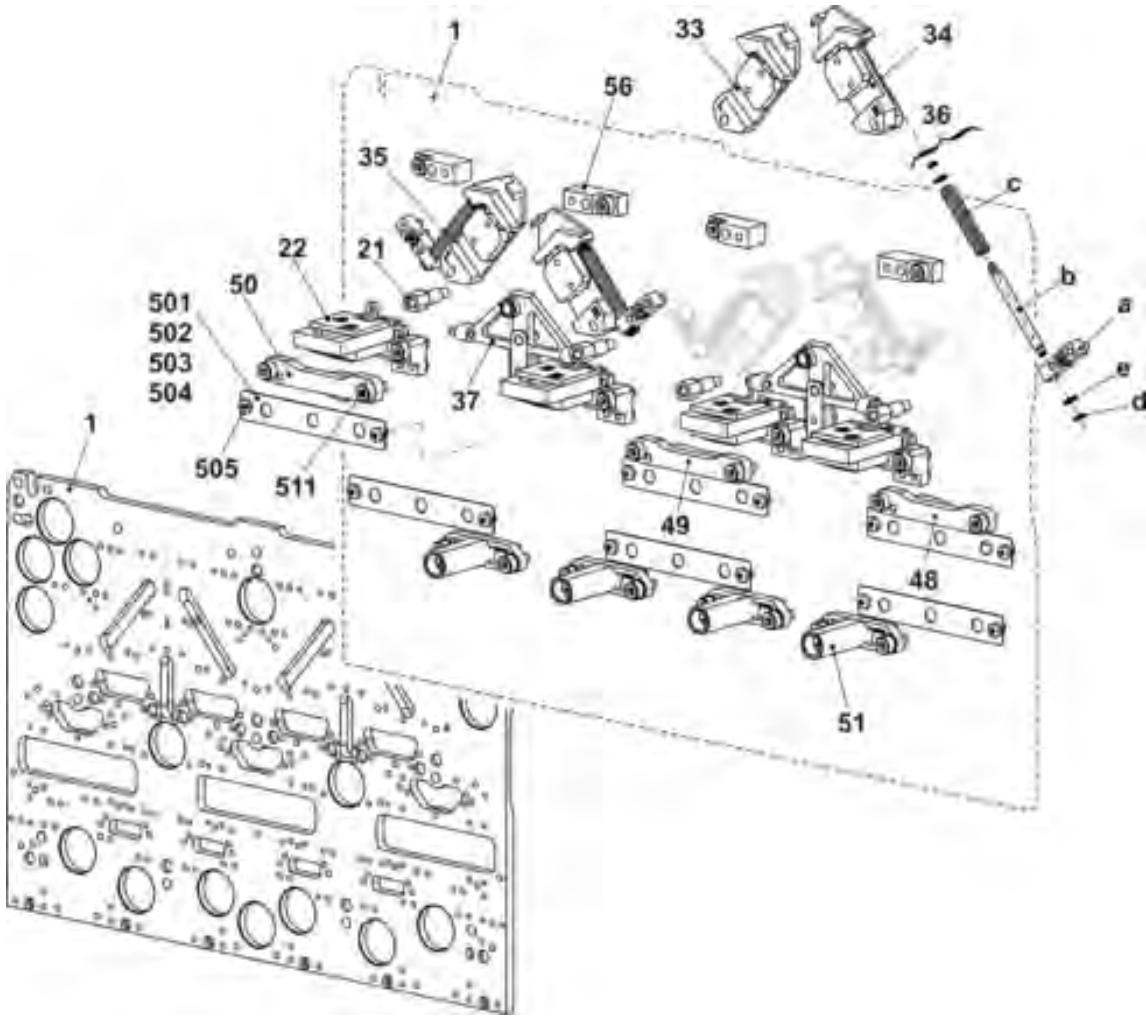
5.1.14.1 Cams E6.2 (12m.10)

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E10-E14 + E7.2	254 331
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E10-E14 + E7.2	254 332
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E10+7.2	254 295
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E10-12	251 997
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E10-12+7.2	254 334
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E10-12, E7.2	254 335
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.15 Cam box E6.2 kw

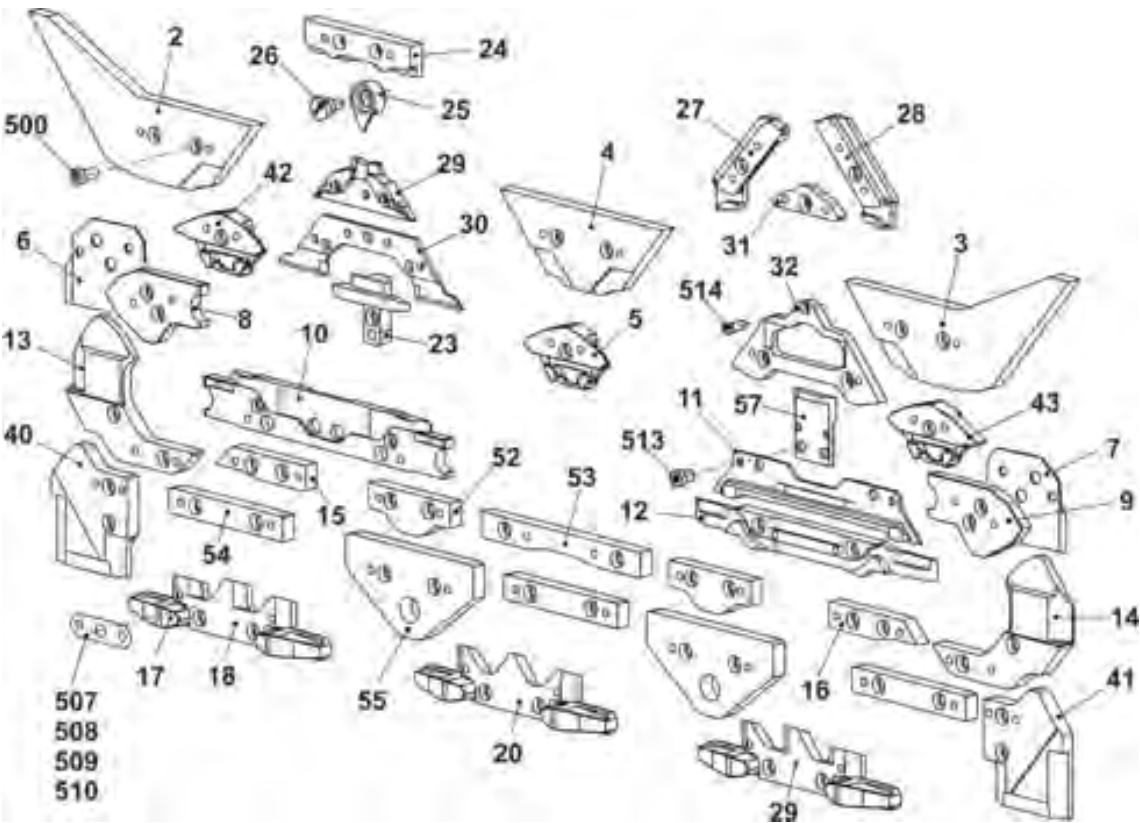
Pos	Designation	Id		Pos	Designation	Id
Σ	Cam box set complete E6.2 kw	253 325				
1	Cam plate E10-18	252 883		37	Slider pressure part complete	251 834
21	Stay bolt	254 839		48	Intermediate cam n the left E10-18	255 052
22	Guide of pressure part complete	253 480		49	Intermediate cam E10-18	255 051
33	Loop sinking cam on the left complete E12-14	254 248		50	Intermediate cam on the right E10-18	255 053
34	Loop sinking cam on the right complete E12-14	254 249		51	Limit cam complete E10-18	251 889
35	Rod guide element on the left complete	252 662		56	Holding piece	251 828
36	Rod guide element on the right complete	252 663		501	Shim 0,03x12x75	022 828
a	Rod guidance part	252 660		502	Shim 0,05x12x75	022 829
b	Spring rod	252 661		503	Shim 0.1x12x75	022 830
c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75	022 831
d	Circlip 3	023 565		505	Countersunk screw M3x4	023 142
E	U-washer 3	020 877		511	Cap screw M4X10	023 136



5.1 Overview of carriage

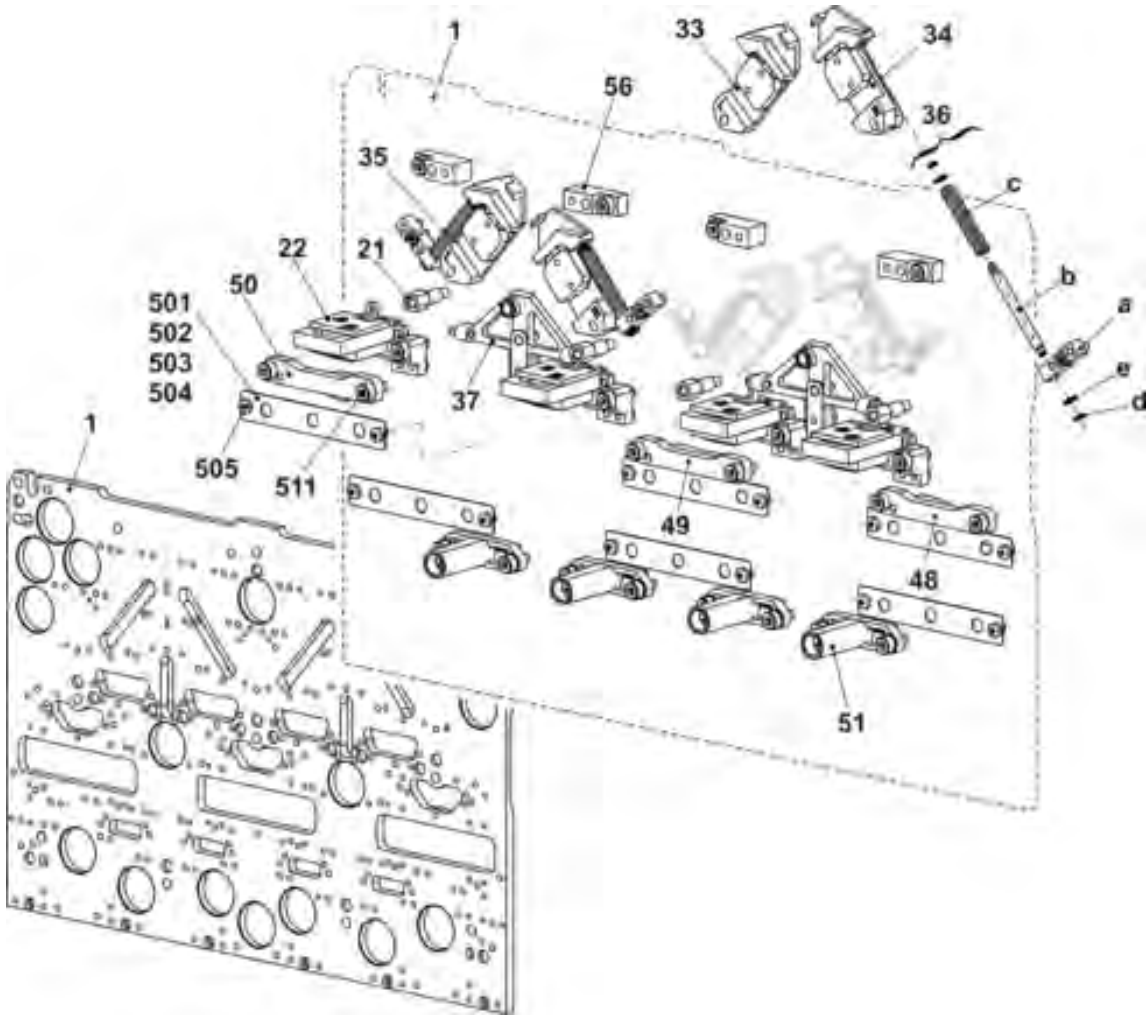
5.1.15.1 Cams E6.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	27	Stitch cam on the left E6.2	254 342
3	Entry cam on the right at the top	256 694	28	Stitch cam on the right E6.2	254 343
4	Entry cam at the top	256 692	29	Tuck limit cam E6.2	254 301
5	Knitting position cam E6.2+7.2	255 031	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E6.2	252 960
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E6.2	254 344
8	Entry cam on the left E10-18	255 391	32	Raising cam part with split-stitch E6.2	254 345
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam left E6.2+7.2	255 032
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E6.2+E7.2	255 033
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E6.2	252 955	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.16 Cam box E7.2 kw

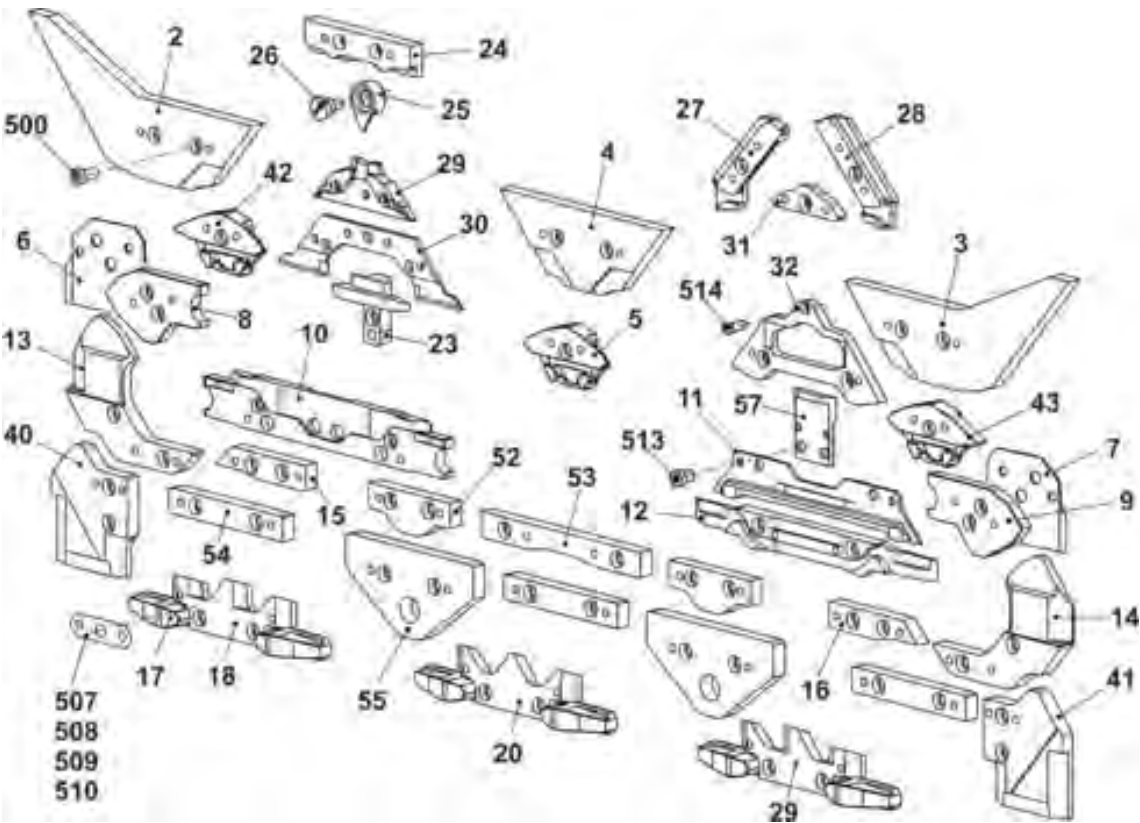
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E7.2 kw		256 887					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E12-14		254 248		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E12-14		254 249		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

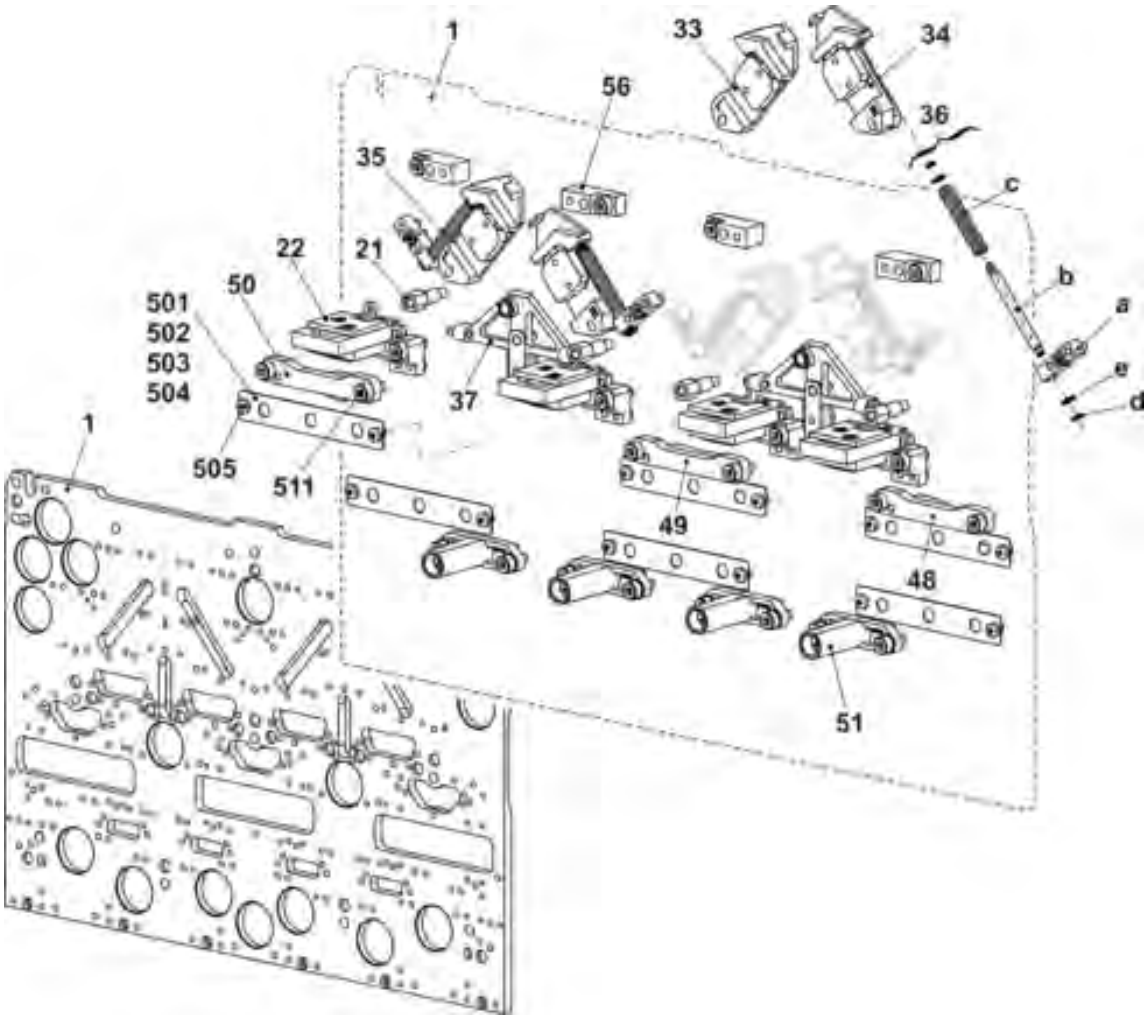
5.1.16.1 Cams E7.2 kw

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	256 693	27	Stitch cam on the left E10-14 + E7.2	254 331
3	Entry cam on the right at the top	256 694	28	Stitch cam on the right E10-14 + E7.2	254 332
4	Entry cam at the top	256 692	29	Tuck limit cam E10 + E7.2	254 295
5	Knitting position cam E6.2+7.2	255 031	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E10-12	251 997
7	Plate on the right E10-18	255 390	32	Raising cam without Split-stitch E10-12+7.2	254 334
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E10-12, 7.2	254 335
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam left E6.2+7.2	255 032
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E6.2+E7.2	255 033
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.17 Cam box E6.2 mg

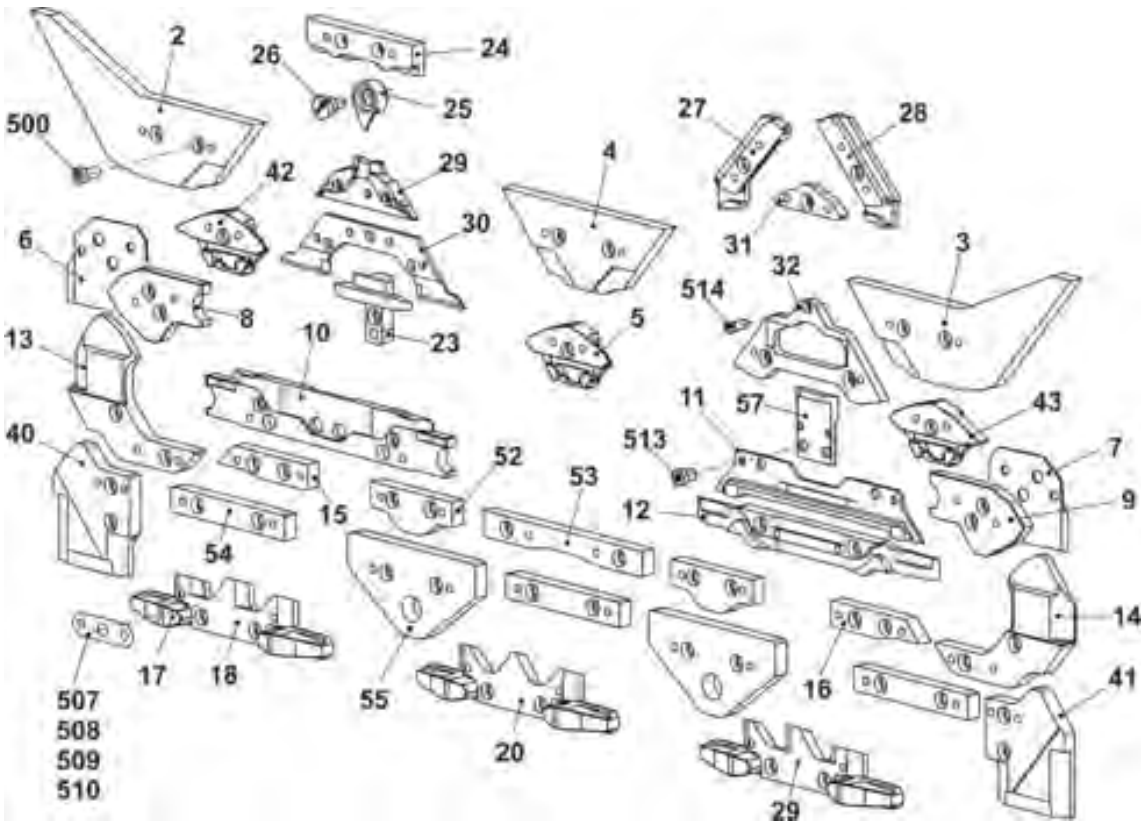
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E7.2 mg		256 888					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E12-14		254 248		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E12-14		254 249		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

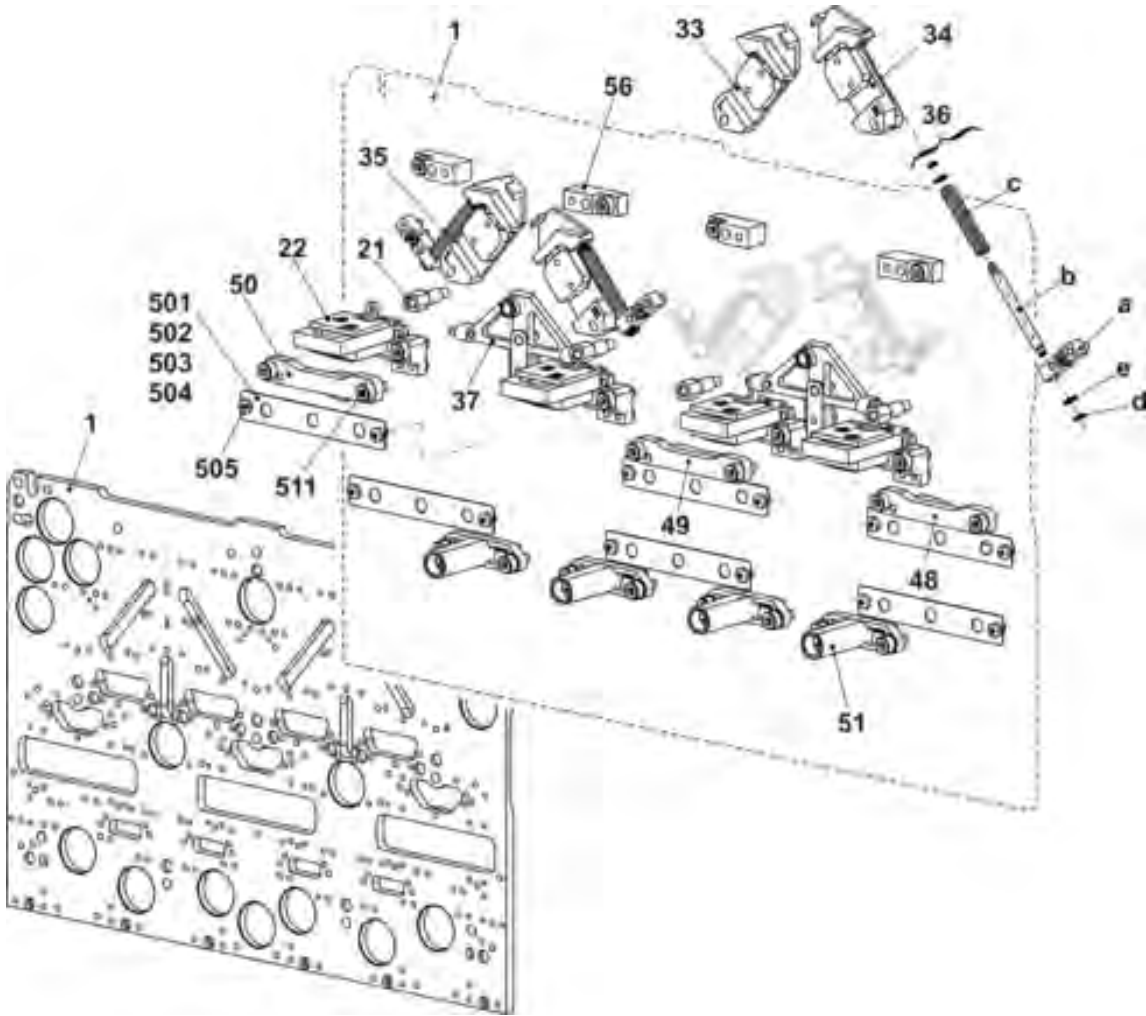
5.1.17.1 Cams E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E6.2	254 342
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E6.2	254 343
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E6.2	254 301
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E6.2	252 960
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E6.2	254 344
8	Entry cam on the left E10-18	255 391	32	Raising cam part with split-stitch E6.2	254 345
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E6.2	252 955	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.18 Cam box E7.2 mg

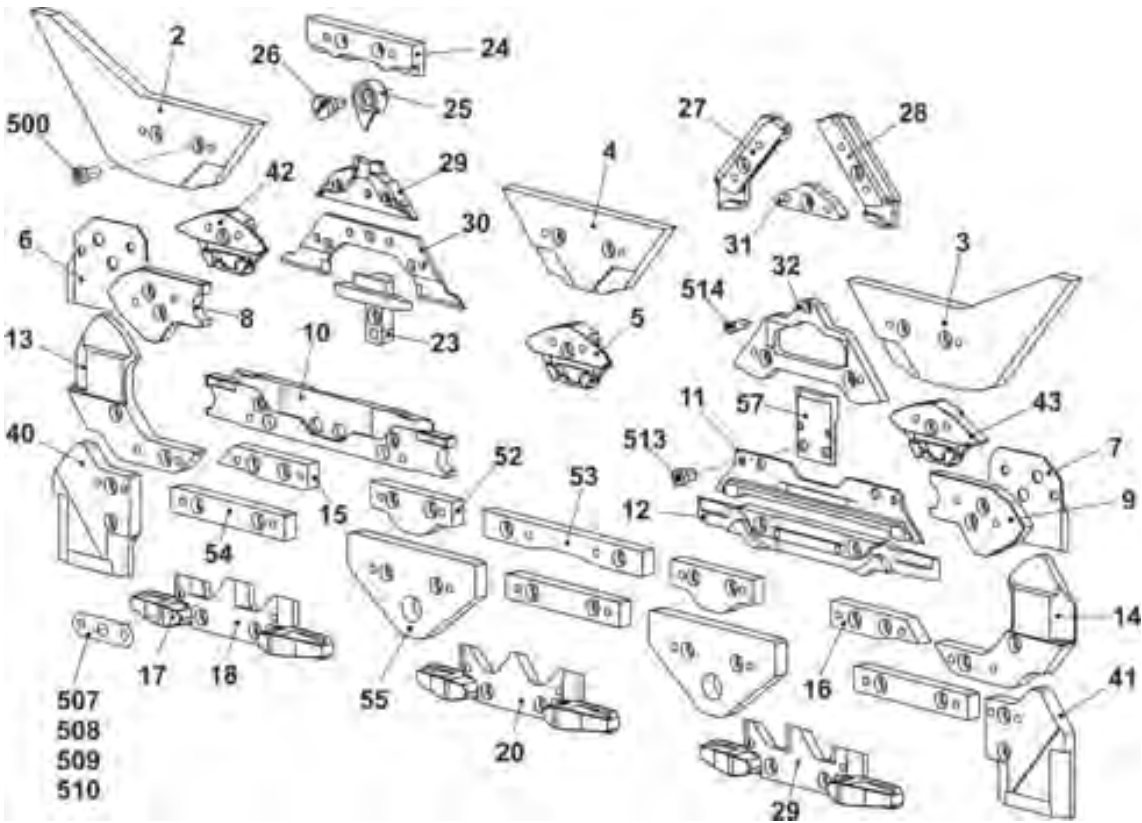
Pos	Designation	Id		Pos	Designation	Id
Σ	Cam box set complete E7.2 mg	255 122				
1	Cam plate E10-18	252 883		37	Slider pressure part complete	251 834
21	Stay bolt	254 839		48	Intermediate cam n the left E10-18	255 052
22	Guide of pressure part complete	253 480		49	Intermediate cam E10-18	255 051
33	Loop sinking cam on the left complete E12-14	254 248		50	Intermediate cam on the right E10-18	255 053
34	Loop sinking cam on the right complete E12-14	254 249		51	Limit cam complete E10-18	251 889
35	Rod guide element on the left complete	252 662		56	Holding piece	251 828
36	Rod guide element on the right complete	252 663		501	Shim 0,03x12x75	022 828
a	Rod guidance part	252 660		502	Shim 0,05x12x75	022 829
b	Spring rod	252 661		503	Shim 0.1x12x75	022 830
c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75	022 831
d	Circlip 3	023 565		505	Countersunk screw M3x4	023 142
E	U-washer 3	020 877		511	Cap screw M4X10	023 136



5.1 Overview of carriage

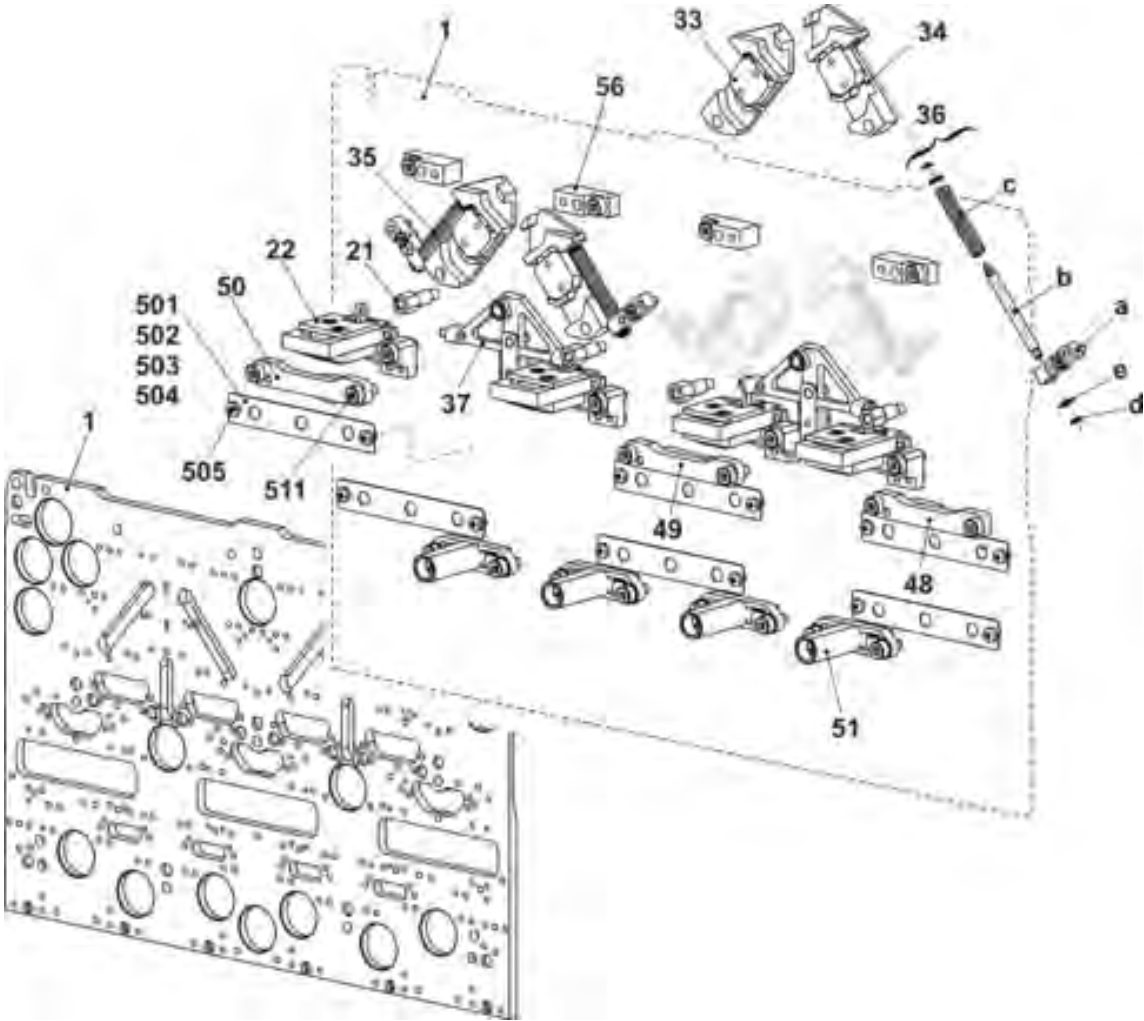
5.1.18.1 Cams E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E10-14 + 7.2	254 331
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E10-14 + 7.2	254 332
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E10+7.2	254 295
5	Knitting position cam E10-14, 6.2, 7.2	255 021	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E10-12	251 997
7	Plate on the right E10-18	255 390	32	Raising cam without Split-stitch E10-12+7.2	254 334
8	Entry cam on the left E10-18	255 391	32	Raising cam part with split-stitch E6.2	254 335
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E10-14	255 540	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam E10-14, 6.2, 7.2	255 022
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E10-14, 6.2, 7.2	255 023
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E10+7.2	251 993	510	Shim 0,2x8x28	023 385
25	Pointer E10	251 994	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.19 Cam box E8.2 mg

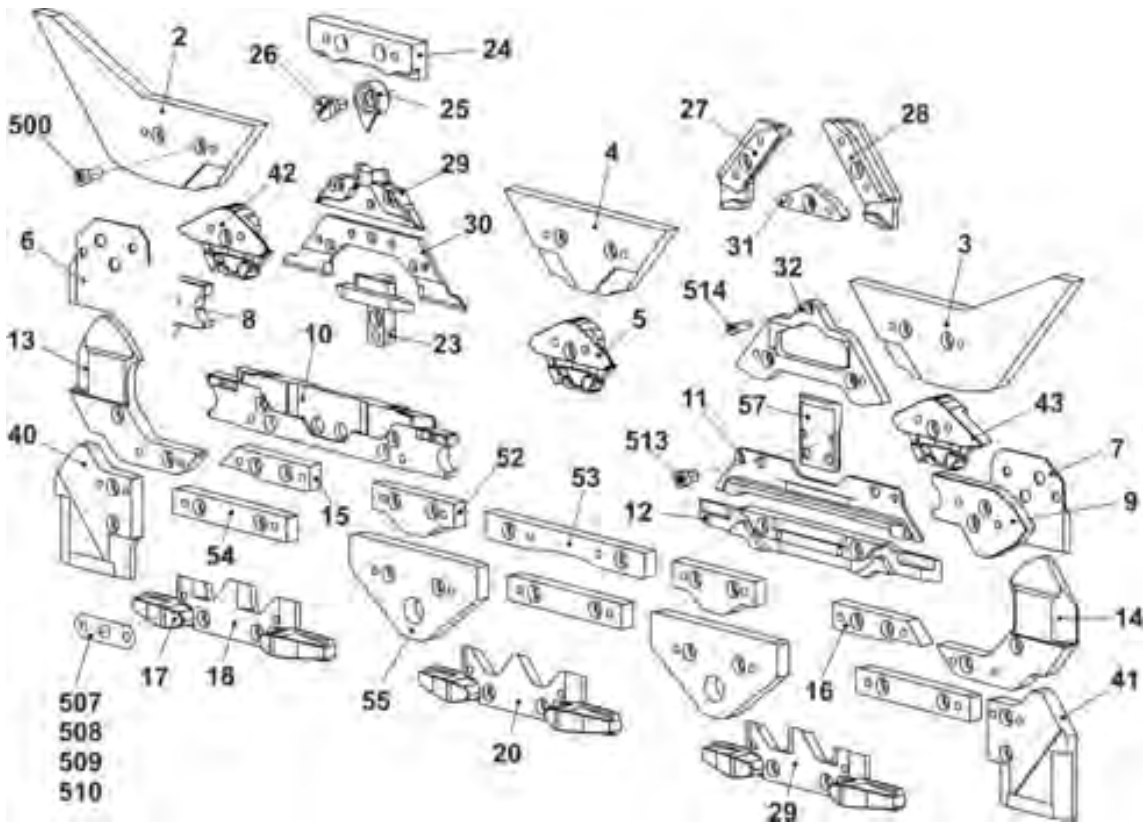
Pos	Designation		Id		Pos	Designation		Id
Σ	Cam box set complete E16-18		256 889					
1	Cam plate E10-18		252 883		37	Slider pressure part complete		251 834
21	Stay bolt		254 839		48	Intermediate cam n the left E10-18		255 052
22	Guide of pressure part complete		253 480		49	Intermediate cam E10-18		255 051
33	Loop sinking cam on the left complete E16-18		251 965		50	Intermediate cam on the right E10-18		255 053
34	Loop sinking cam on the right complete E16-18		251 966		51	Limit cam complete E10-18		251 889
35	Rod guide element on the left complete		252 662		56	Holding piece		251 828
36	Rod guide element on the right complete		252 663		501	Shim 0,03x12x75		022 828
	a	Rod guidance part	252 660		502	Shim 0,05x12x75		022 829
	b	Spring rod	252 661		503	Shim 0.1x12x75		022 830
	c	Compression spring 0,50x5,00x63,00	252 872		504	Shim 0,05x12x75		022 831
	d	Circlip 3	023 565		505	Countersunk screw M3x4		023 142
	E	U-washer 3	020 877		511	Cap screw M4X10		023 136



5.1 Overview of carriage

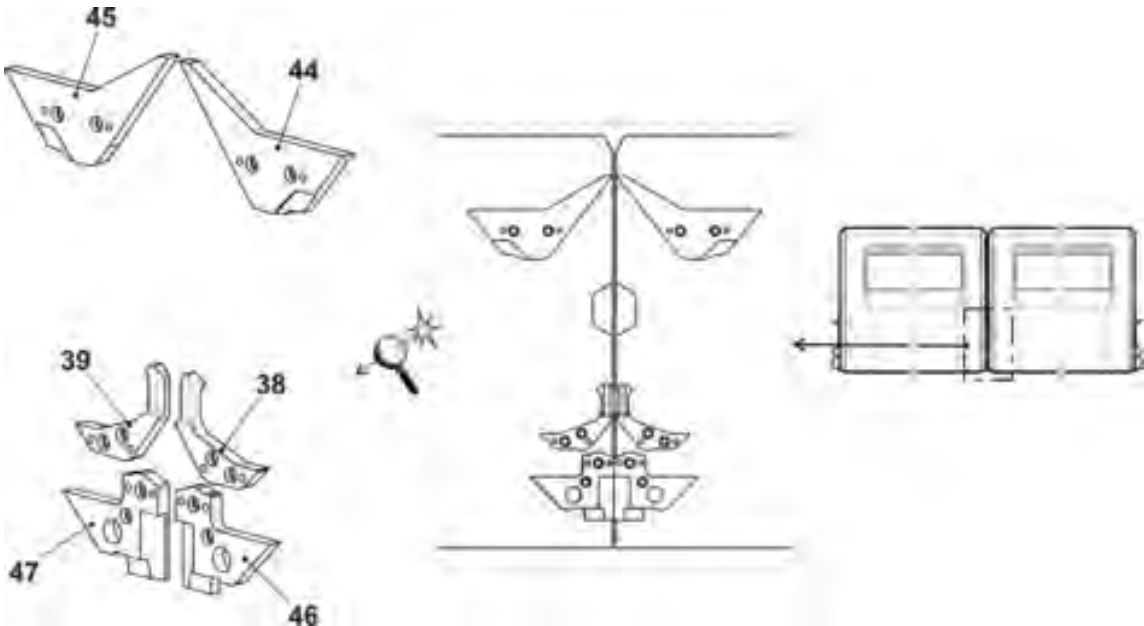
5.1.19.1 Cams E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690	27	Stitch cam on the left E16-18, E8.2	254 338
3	Entry cam on the right at the top E10-18	256 691	28	Stitch cam on the right E16-18, E8.2	254 339
4	Entry cam at the top E10-18	256 689	29	Tuck limit cam E8.2	254 302
5	Knitting position cam E16-18	255 027	30	Raising cam plate E10-18	251 992
6	Plate on the left E10-18	255 389	31	Receiving cam E8.2	252 975
7	Plate on the right E10-18	255 390	32	Raising cam without split-stitch E16-18+8.2	254 340
8	Entry cam on the left E10-18	255 391	32	Raising cam with split-stitch E16-18, E8.2	254 341
9	Entry cam on the right E10-18	255 392	40	Cam on the left E10-18	251 879
10	Pressure strip E16-18	256 681	41	Cam on the right E10-18	251 880
11	Cam guide E10-18	255 525	42	Knitting position cam left E16-18	255 028
12	Cam guide E10-18	255 541	43	Knitting position cam on the right E16-18	255 029
13	Cam on the left E10-18	255 613	52	Cam E10-18	251 888
14	Cam on the right E10-18	255 614	53	Limit cam E10-18	251 885
15	Limit cam on the left E10-18	251 886	54	Limit cam E10-18	251 882
16	Limit cam on the right E10-18	251 887	55	Cam E10-18	251 881
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	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	Limit cam E8.2	252 974	510	Shim 0,2x8x28	023 385
25	Pointer E16-18	252 656	513	Cap screw M4X6	020 089
26	Screw	210 335	514	Cap screw M3x8	020 081



5.1.20 Cams for narrow coupling E10 | E12 | E14 | E16 | E18 |
E6.2(12m.10) | E6.2 mg | E7.2 mg | E8.2 mg

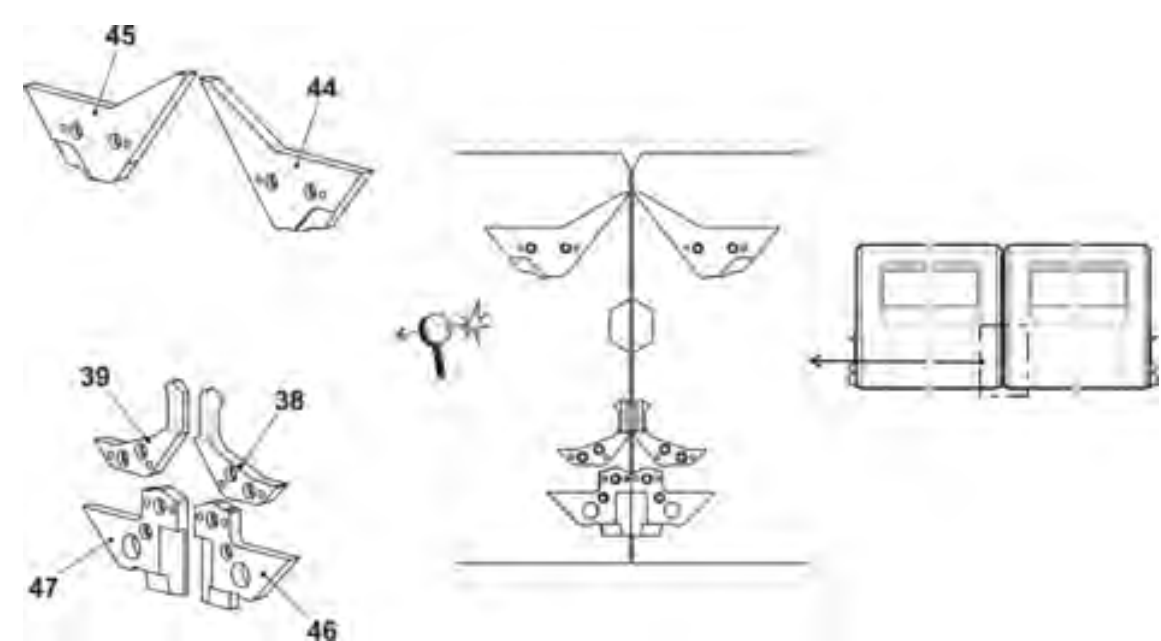
Pos	Designation	Id		Pos	Designation	Id
38	Cam on the left E10-18	252 002		45	Entry cam on the right at the top E10-18	256 697
39	Cam on the right E10-18	252 003		46	Cam on the left E10-18	252 004
44	Entry cam on the left at the top E10-18	256 696		47	Cam on the right E10-18	252 005



5.1 Overview of carriage

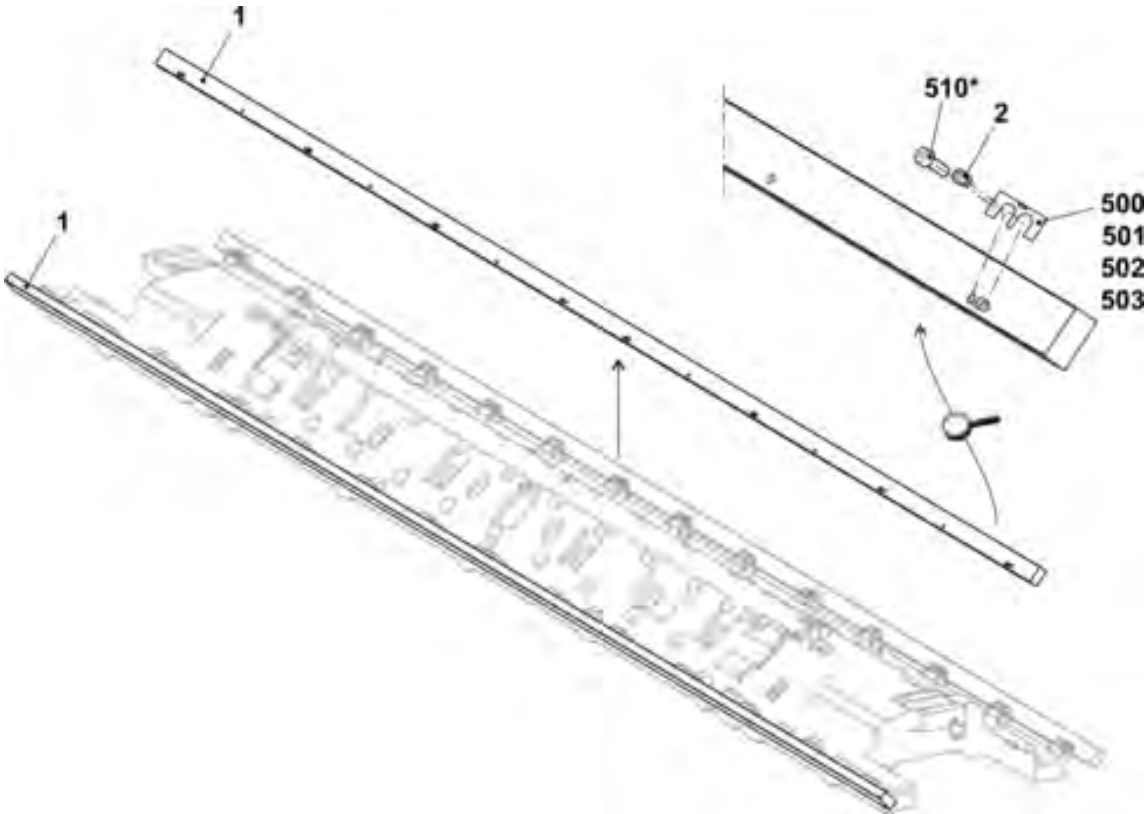
5.1.21 Cams for narrow coupling E7.2 kw | E8.2 kw

Pos	Designation	Id		Pos	Designation	Id
38	Cam on the left E10-18	252 002		45	Entry cam on the right at the top kw	256 786
39	Cam on the right E10-18	252 003		46	Cam on the left E10-18	252 004
44	Entry cam on the left at the top kw	256 785		47	Cam on the right E10-18	252 005



5.2 Spare parts package carriage guide bar

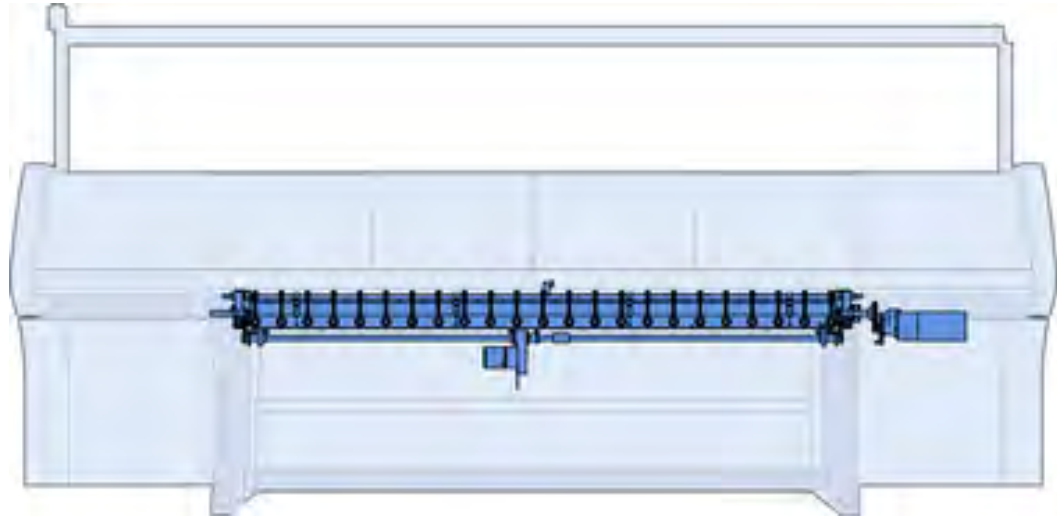
Pos	Designation	Id		Pos	Designation	Id
Σ	Spare parts package carriage guide bar	252 993		501	Shim 0.05x22x42	243 291
1	Carriage guide rail	242 486		502	Shim 0.10x22x42	243 292
2	Adjusting eccentric	241 219		503	Shim 0.20x22x42	243 293
500	Shim 0.03x22x42	243 289		510*	Cap screw M8X20	020 141



5.2 Spare parts package carriage guide bar

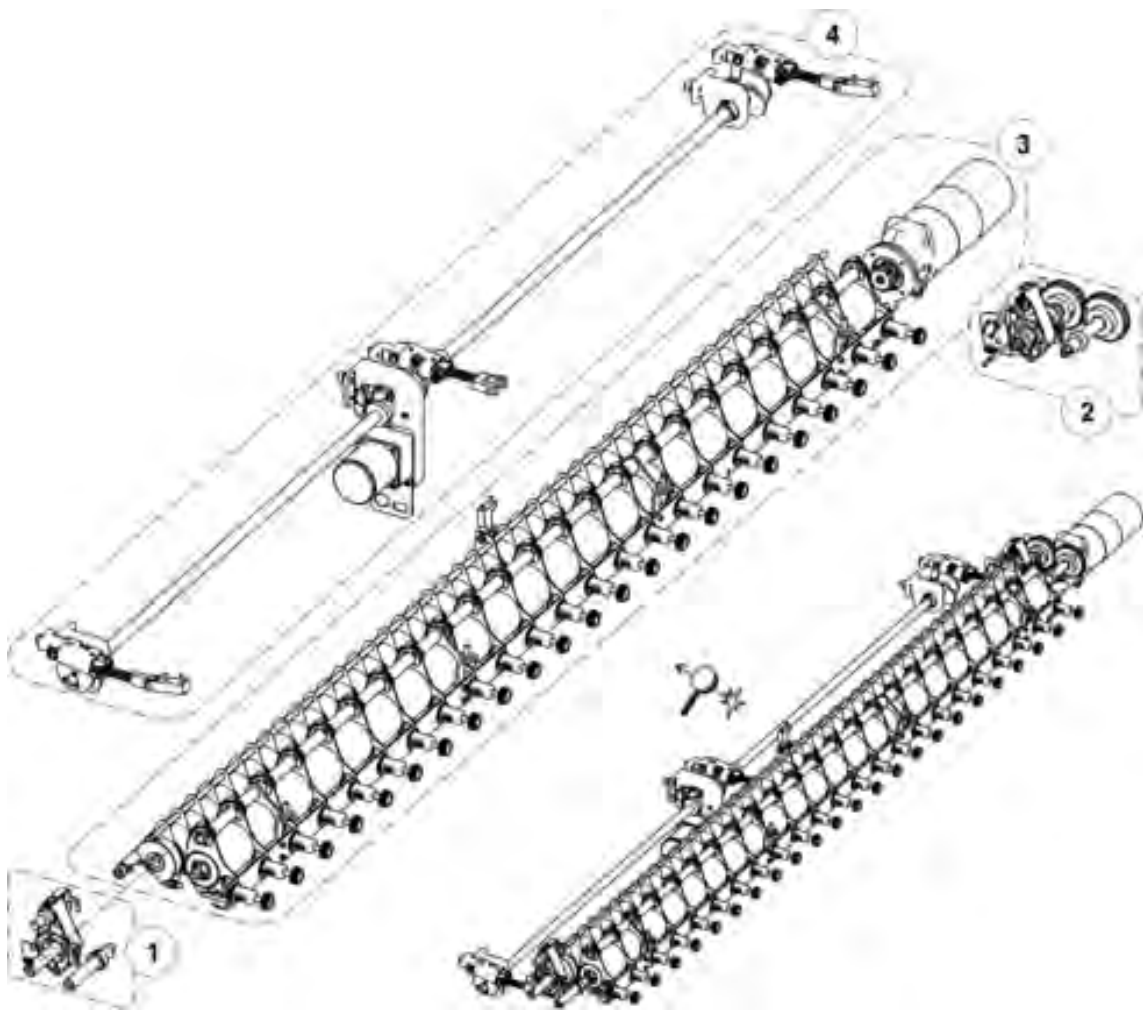
Notes:

6 Main take-down



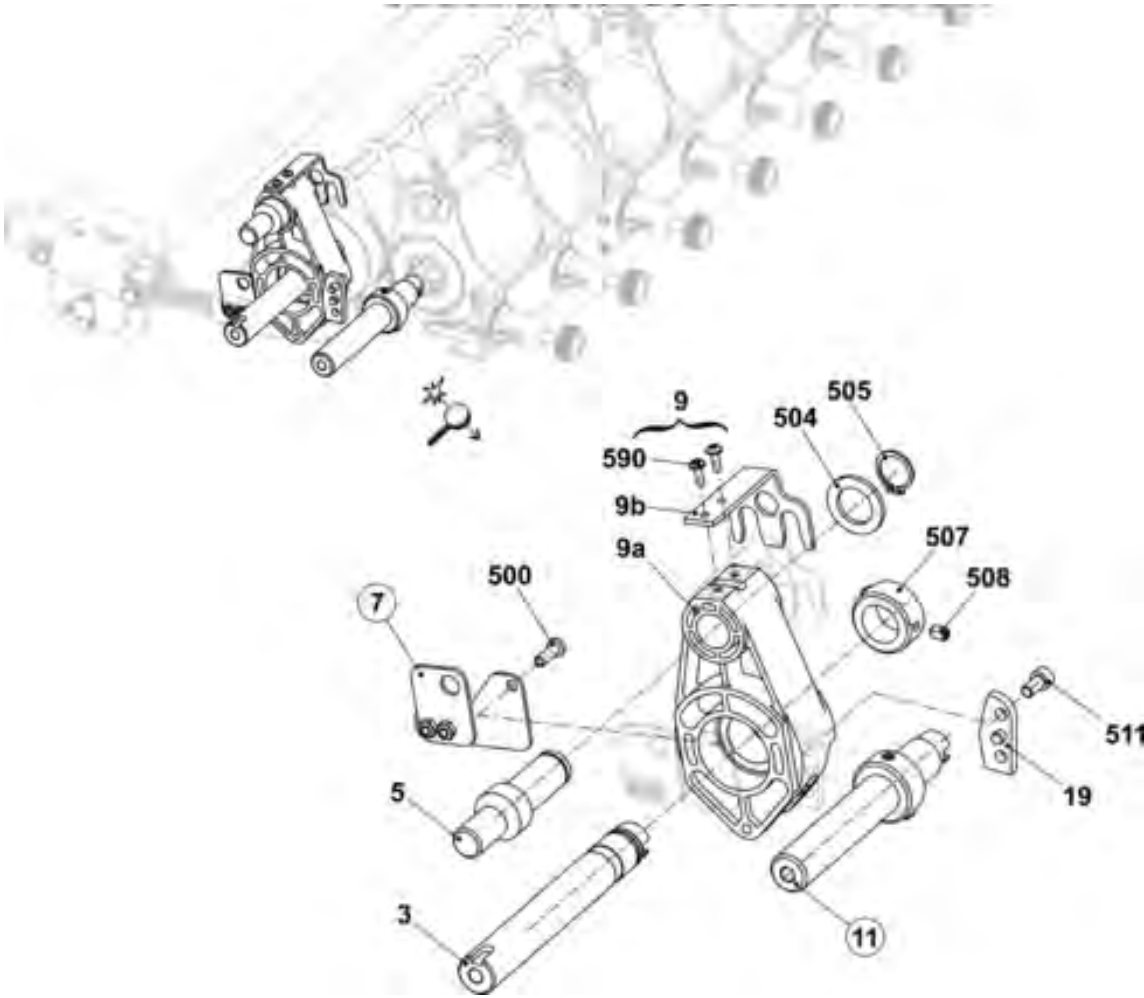
6.1 Main take-down

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	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				



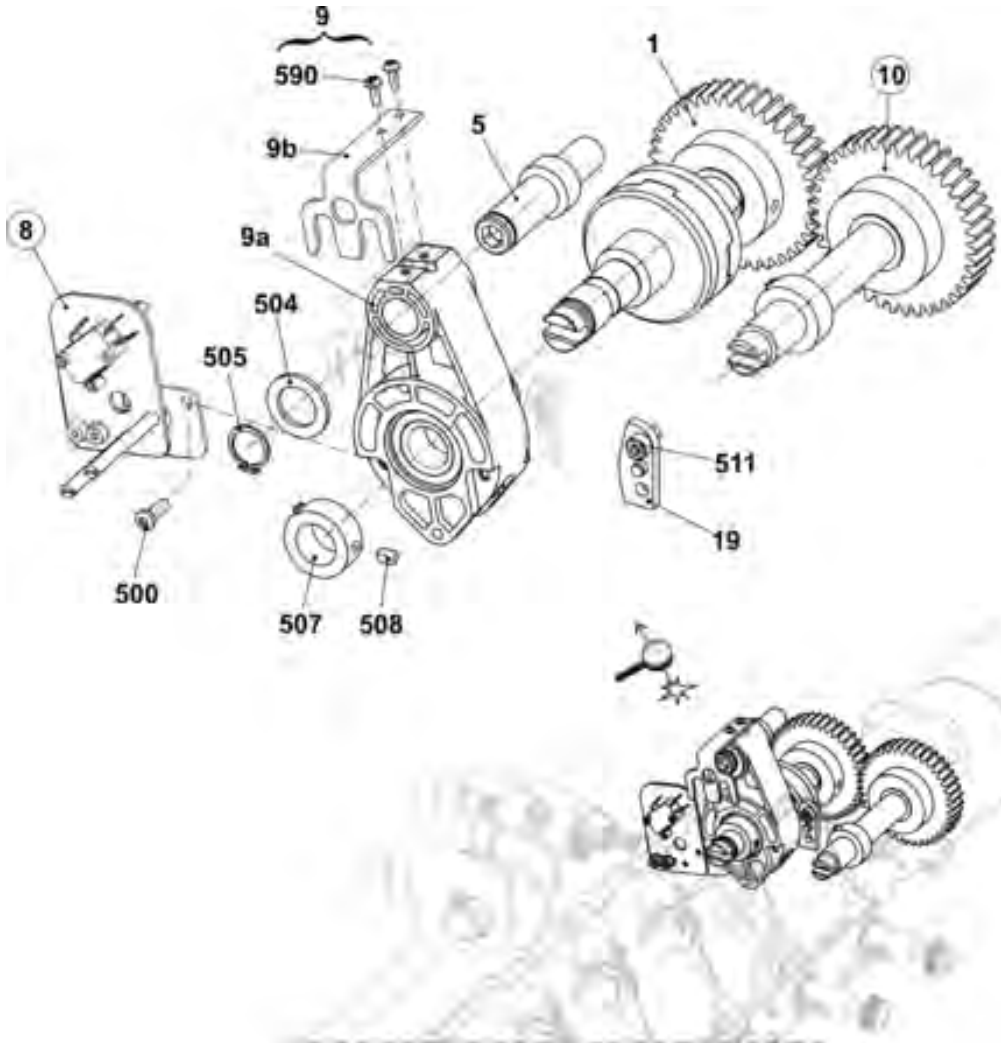
6.2 Main take-down on the left

Pos	Designation		Id		Pos	Designation		Id
Σ	Main take-down on the left		255 257		11	Floating axle on the left		237 354
3	Shaft on the left at the rear		255 305		19	Stop point		252 503
5	Bolt		208 538		500	Screw 50x15		251 728
7	Mounting plate on the left complete		231 725		504	U-washer 18		023 295
9	Swivel-mounted bearing		253 247		505	Locking ring 18x1.2		020 955
	A9	Swivel-mounted bearing	253 200		507	Set collar		020 938
	9b	Sheet metal support	253 212		508	Set screw		022 684
	590	Screw 35x10	251 729		511	Cap screw M6x12		020 134



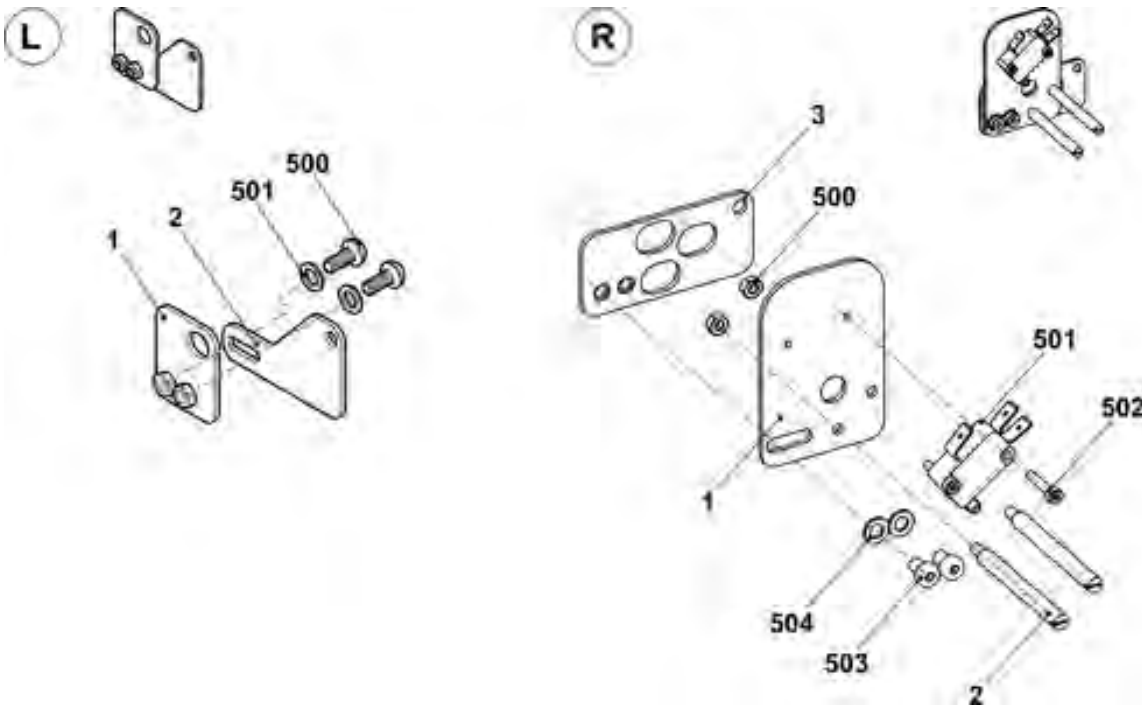
6.3 Main take-down right

Pos	Designation	ID		Pos	Designation	ID
Σ	Main take-down right	255 258		10	Floating axle on the right	237 353
1	Clutch set	253 260		19	Stop point	252 503
5	Bolt	208 538		500	Screw 50x15	251 728
8	Mounting plate on the right complete	240 069		504	U-washer 18	023 295
9	Swivel-mounted bearing	253 247		505	Locking ring 18x1.2	020 955
	9a Swivel-mounted bearing	253 200		507	Set collar A20	020 938
	9b Sheet metal support	253 212		508	Set screw M6x8	022 684
	590 Screw 35x10	251 729		511	Cap screw M6x12	020 134



6.3.1 Mounting plate

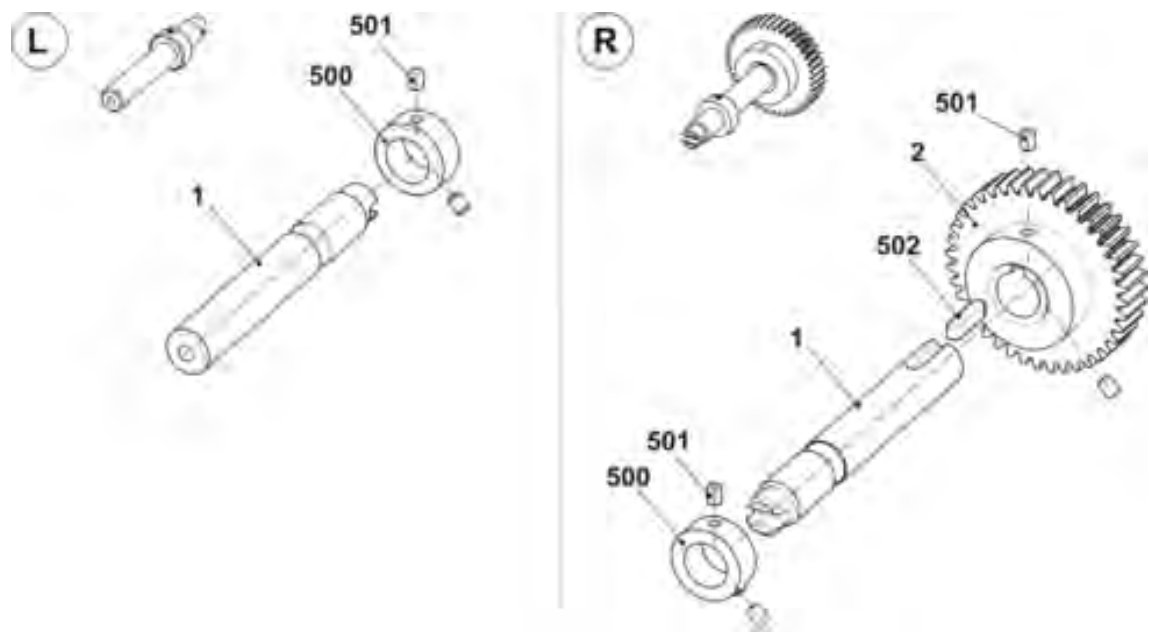
Pos	Designation	Id		Pos	Designation	Id
Σ L	Mounting plate on the left complete	231 725		Σ R	Mounting plate on the right complete	240 069
1	Mounting plate on the left	231 541		1	Mounting plate on the right	240 068
2	Retaining plate on the left	231 539		2	Setscrew	240 067
500	Countersunk screw M5x10	023 247		3	Retaining plate on the right	240 066
501	Serrated lock washer J6.4	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	U-washer 5-200	020 871



6.3 Main take-down right

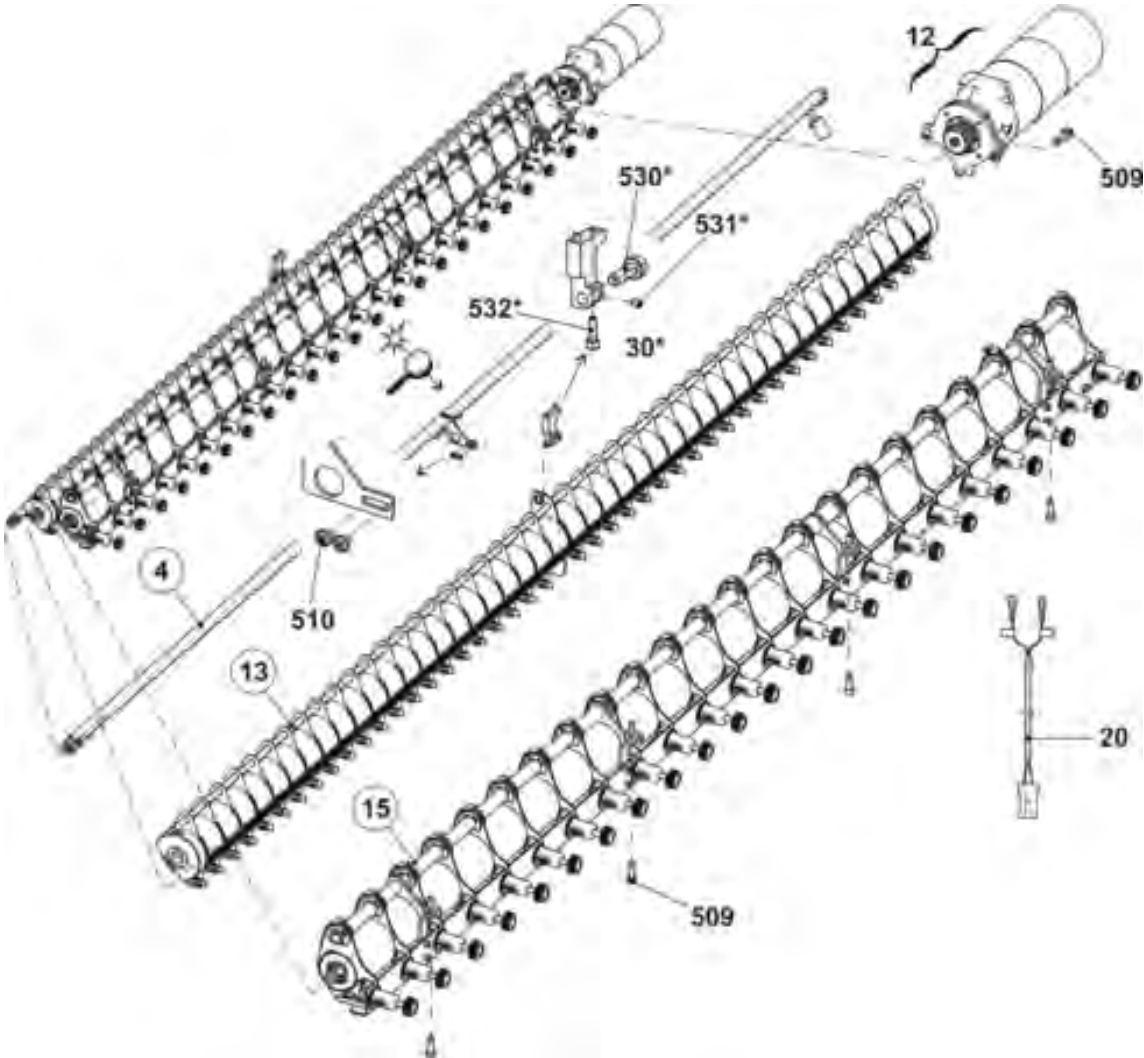
6.3.2 Floating axle

Pos	Designation	ID		Pos	Designation	ID
Σ L	Floating axle on the left	237 354		Σ R	Floating axle on the right	237 353
1	Shaft on the left at the front	237 334		1	Shaft on the right at the front	237 340
500	Set collar	020 938		2	Gear wheel z=40, m=2	213 744
501	Set screw M6x8	022 684		500	Set collar	020 938
				501	Set screw M6x8	022 684
				502	Feather key A 6x6x25	023 017



6.4 Main take-down in the middle

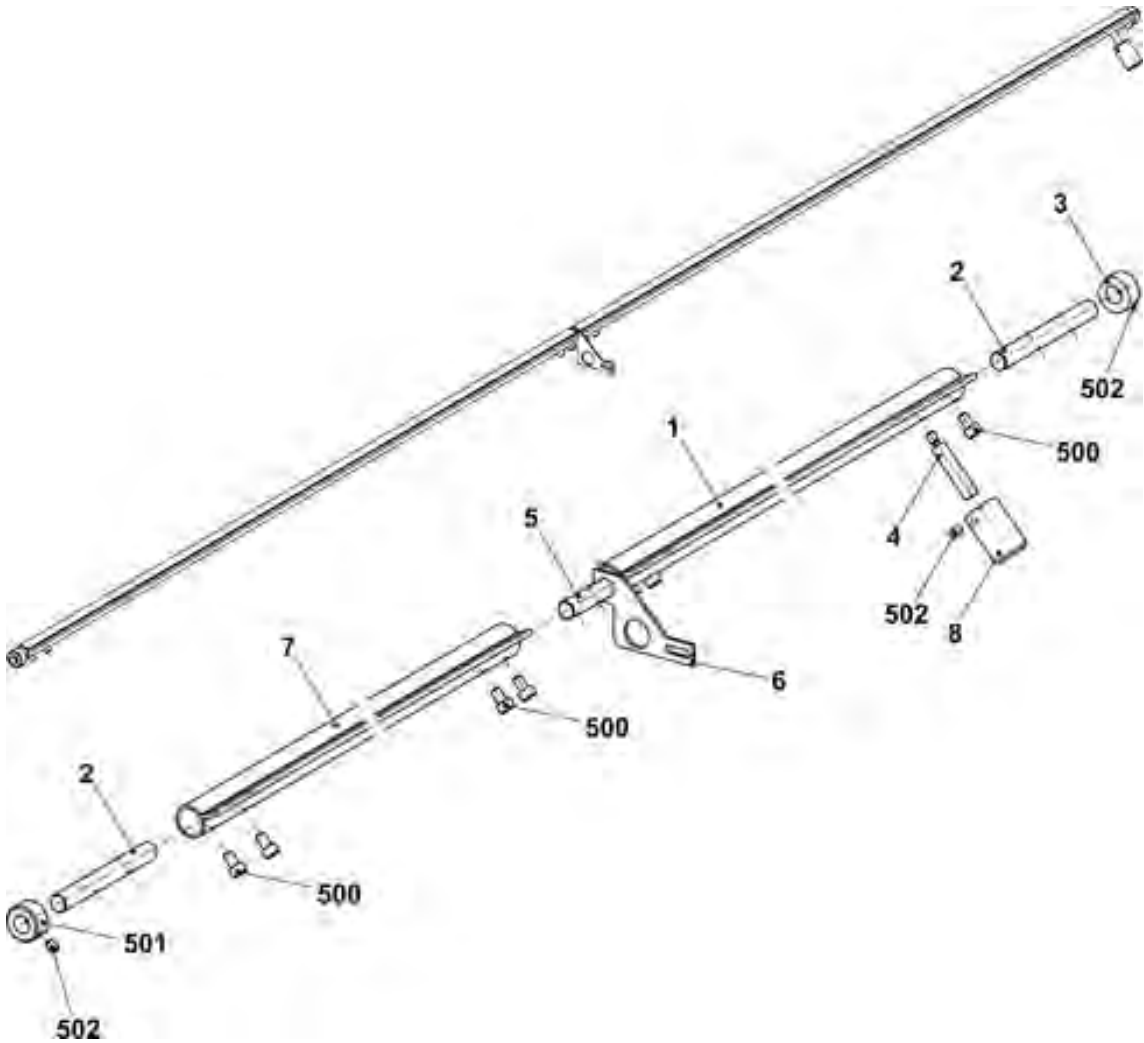
Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down in the middle		13	Take-down roller at the rear complete	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	255 249		E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810
	E16 E18 E8.2 mg	255 283		E16 E18 E8.2 mg	243 889
4	Stripper angle at the rear complete	241 935	20	Connection cable winding plate	241 703
12	Motor take-down unit complete	253 803	509	Cap screw M8X25	020 142
15	Take-down roller at the front complete	253 390	510	Pan-head screw M4x6	235 450



6.4 Main take-down in the middle

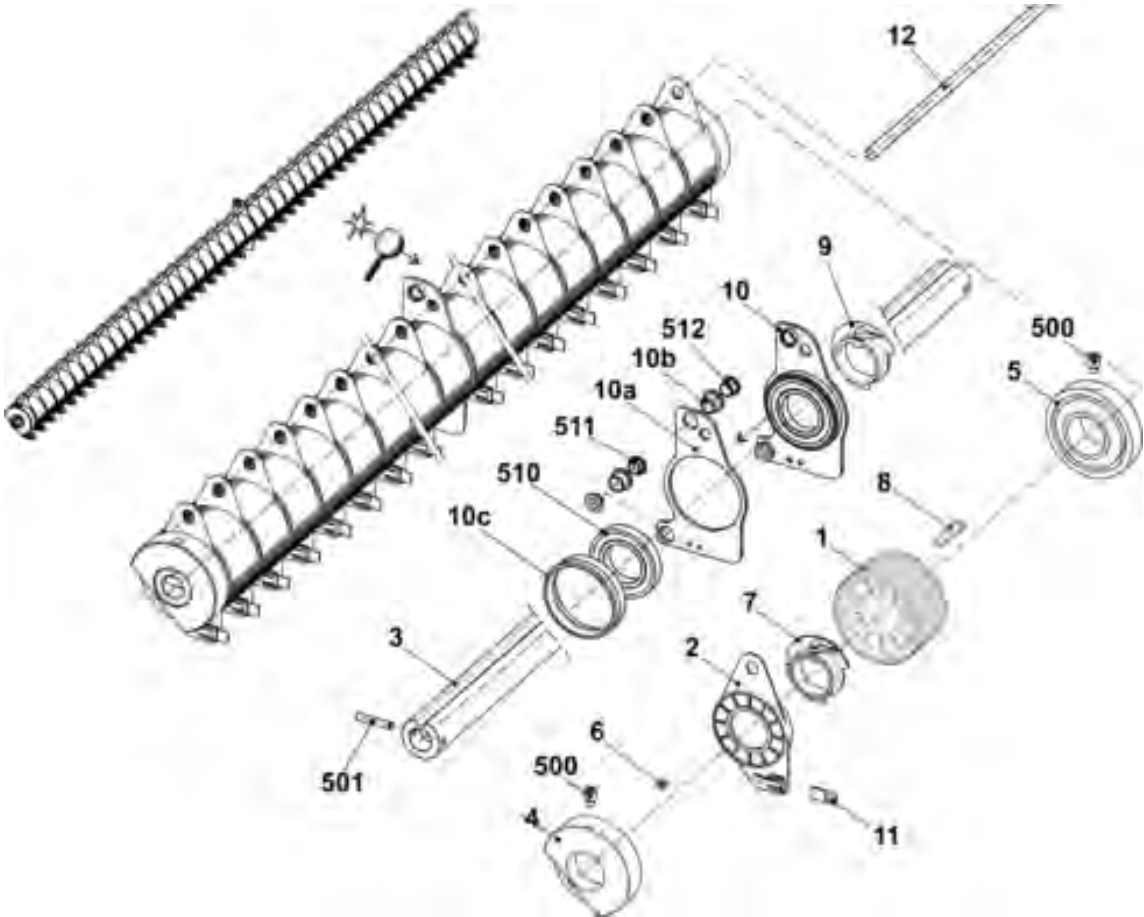
6.4.1 Stripper angle

Pos	Designation	ID		Pos	Designation	ID
Σ	Stripper angle at the rear complete	241 935		6	Strap	235 731
1	Stripper angle on the right	241 933		7	Stripper angle on the left	241 934
2	Shaft	240 127		8	Setting weight	229 248
3	Cam	209 278		500	Cap screw M5x8	023 319
4	Bolt	228 310		501	Set collar	020 934
5	Axle	228 803		502	Set screw M5x6	022 738



6.4.2 Rear take-down roller

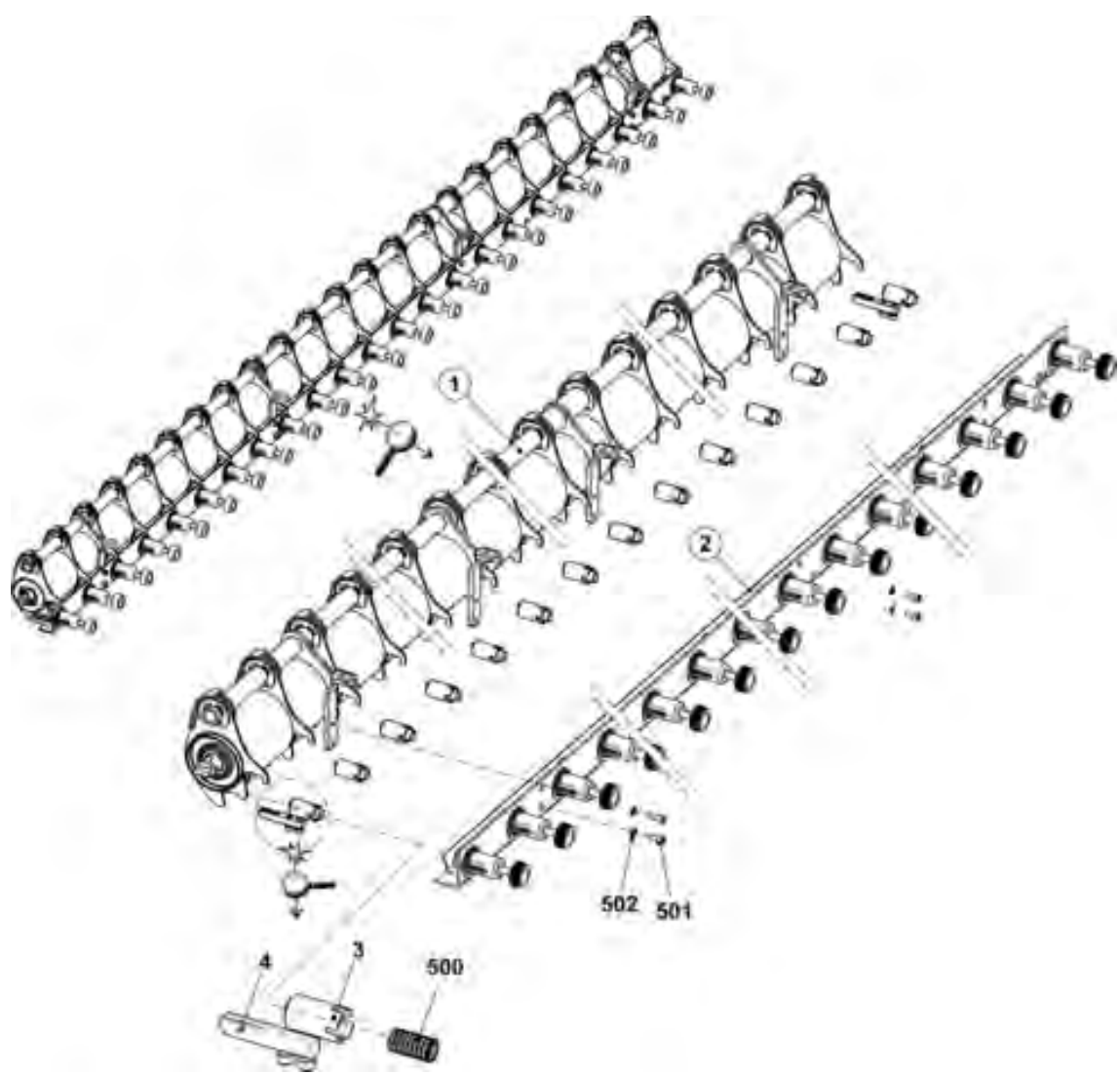
Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the rear complete			1	Roller	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	243 810			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	206 770
	E16 E18 E8.2 mg	243 889			E16 E18 E8.2 mg	231 400
2	Stripper	241 612		10c	Ring	222 895
3	Shaft	237 190		9	Stop ring on the left	222 910
4	Ring on the left	250 573		11	Brush	225 819
5	Ring on the right	250 574		12	Rod	237 192
6	Spacer slide	222 062		500	Set screw M10x15-4	020 635
7	Stop ring on the left	204 369		501	Setting 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

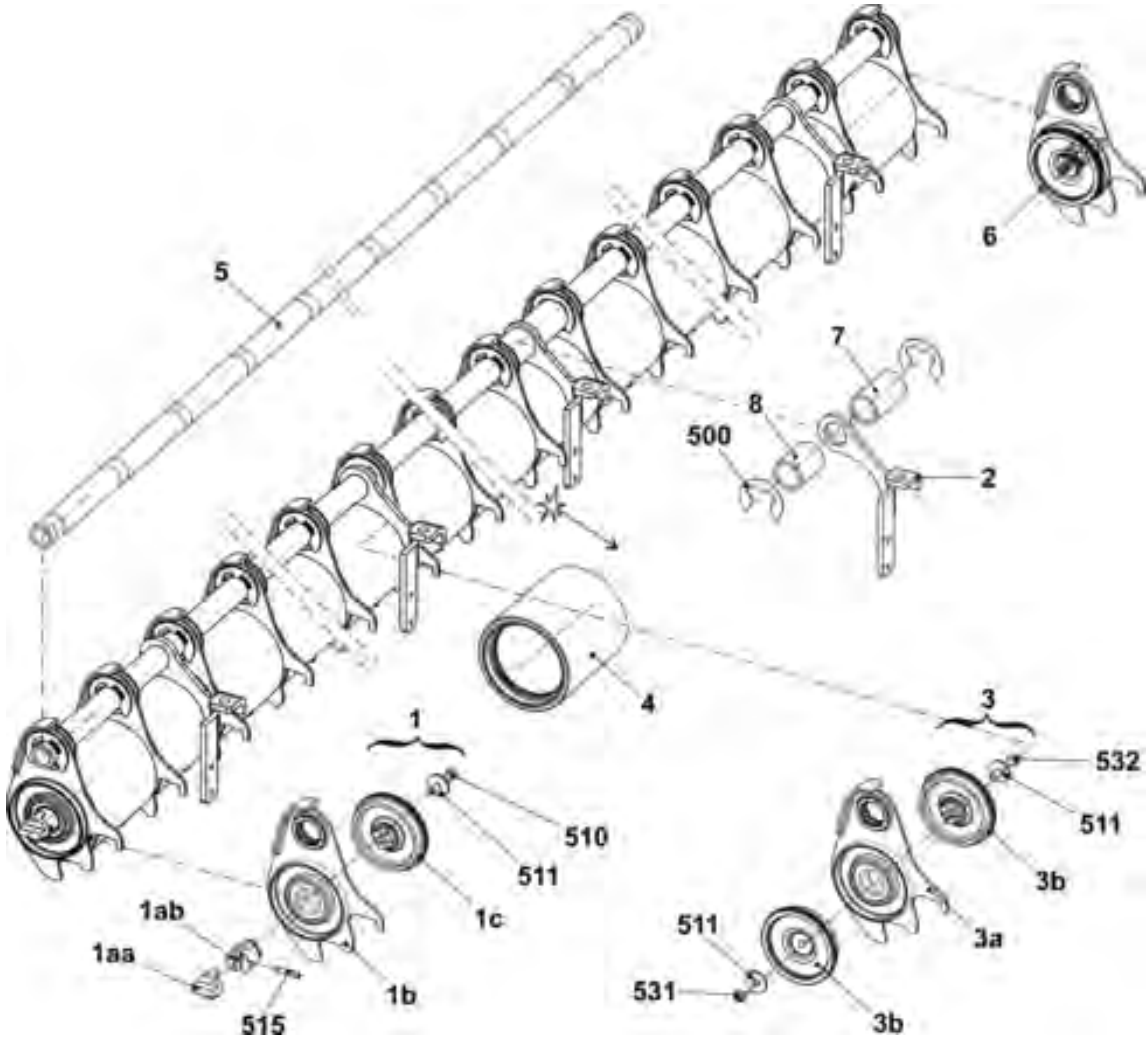
6.4.3 Front take-down roller

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



6.4.3.1 Front roller elements

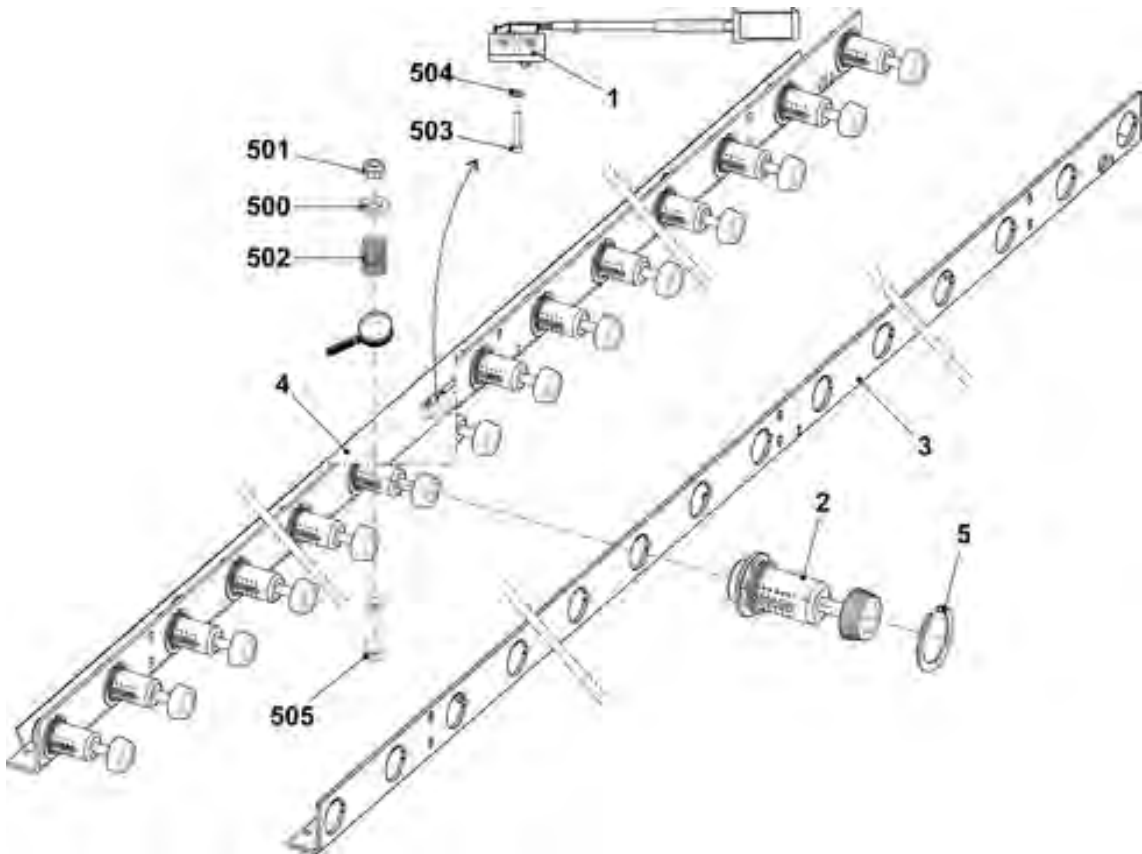
Pos	Designation		ID		Pos	Designation		ID
Σ	Take-down roller at the front		253 423		4	Roller		220 905
1	Bearing support on the left complete		221 225		5	Tube		237 191
	1aa	Adaptor	221 132		6	Bearing support on the right complete		221 240
	1ab	Universal joint	221 137			1aa	Universal joint	221 137
	1b	Bearing support	220 913			1ab	Adaptor	221 132
	1c	Gear wheel	220 910			1b	Bearing support	220 913
	510	Cap screw M5x20	020 133			1c	Gear wheel	220 910
	511	U-washer 5	023 542			510	Cap screw M5x20	020 133
	515	Spring dowel sleeve 4x20	023 551			511	U-washer 5	023 542
2	Support		251 557			515	Spring dowel sleeve 4x20	
3	Bearing support complete		221 241		7	Distance pipe on the right		253 407
	3a	Bearing support	220 913		8	Distance pipe on the left		253 408
	3b	Gear wheel	220 910		500	Circlip		021 025
	531	Hexagon nut M5-8	023 541					
	532	Cap screw M5x30	022 396					



6.4 Main take-down in the middle

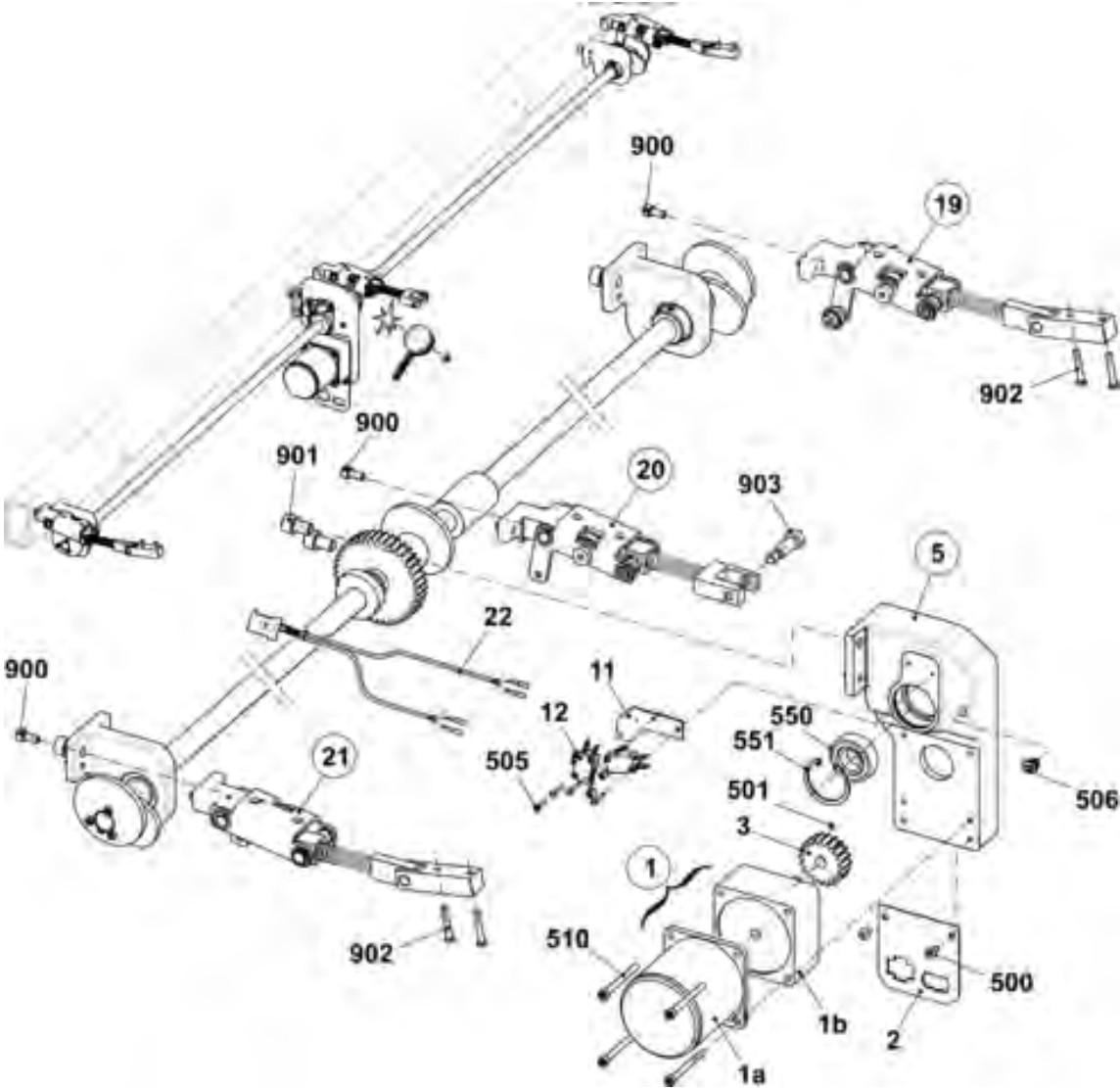
6.4.3.2 Pressure angle rail

Pos	Designation	ID		Pos	Designation	ID
Σ	Angle rail complete	242 316		500	U-washer 6	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0.8x9.2x27.5	023 537
3	Angle rail	242 277		503	Cap screw M2x12	023 522
4	Winding plate	237 195		504	U-washer 2-200	022 908
5	Locking ring	242 325		505	Shoulder screw M5x20x5	023 675



6.5 Take-down closing device

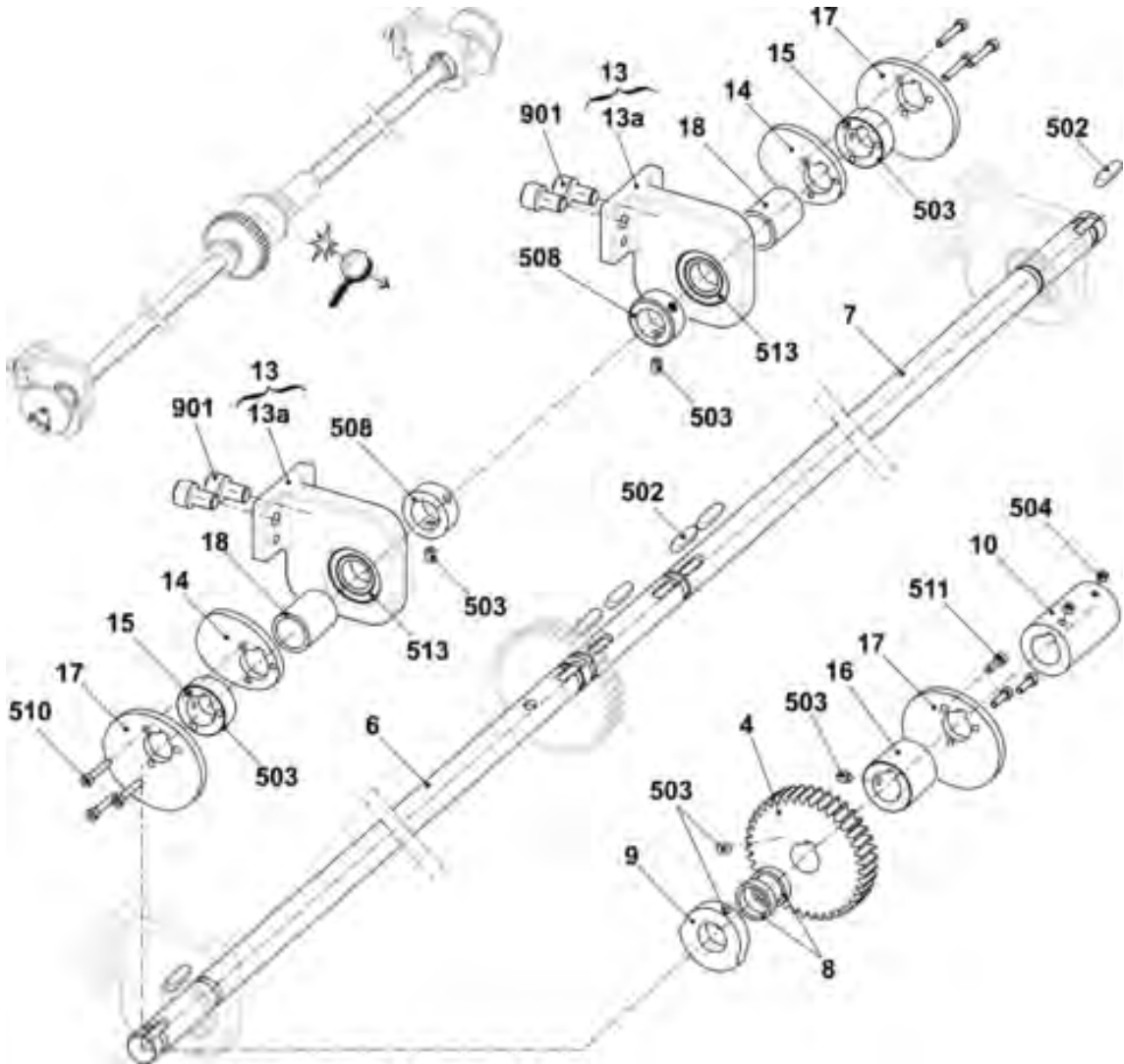
Pos	Designation		Id		Pos	Designation		Id
Σ	Main take-down on/off complete		253 387		19	Swivel support on the right complete		
1	Motor complete				20	Swivel holder on the left complete		
	1a	Motor 25W	232 456		21	Swivel holder in the middle complete		
	1b	Gear	234 983		22	Cable switch HAAB open		232 442
	510	Cap screw M5x55	023 321		500	Cap screw M5x8		023 319
2	Sheet metal		232 992		501	Set screw M4x4		022 875
3	Gear wheel		232 434		505	Cap screw M3x15		020 009
5	Support in the middle complete				506	Assembling element		209 543
	550	Deep groove ball bearing 6004-2Z	022 720		900	Cap screw M6X14		022 658
	551	Locking ring 42x1.75	023 293		901	Cap screw M10x16		023 895
11	Limit switch retaining plate		235 190		902	Screw M50x30		253 257
12	Microswitch XGK2-S21 250 VAC		210 510		903	Cap screws M10x25		023 751



6.5 Take-down closing device

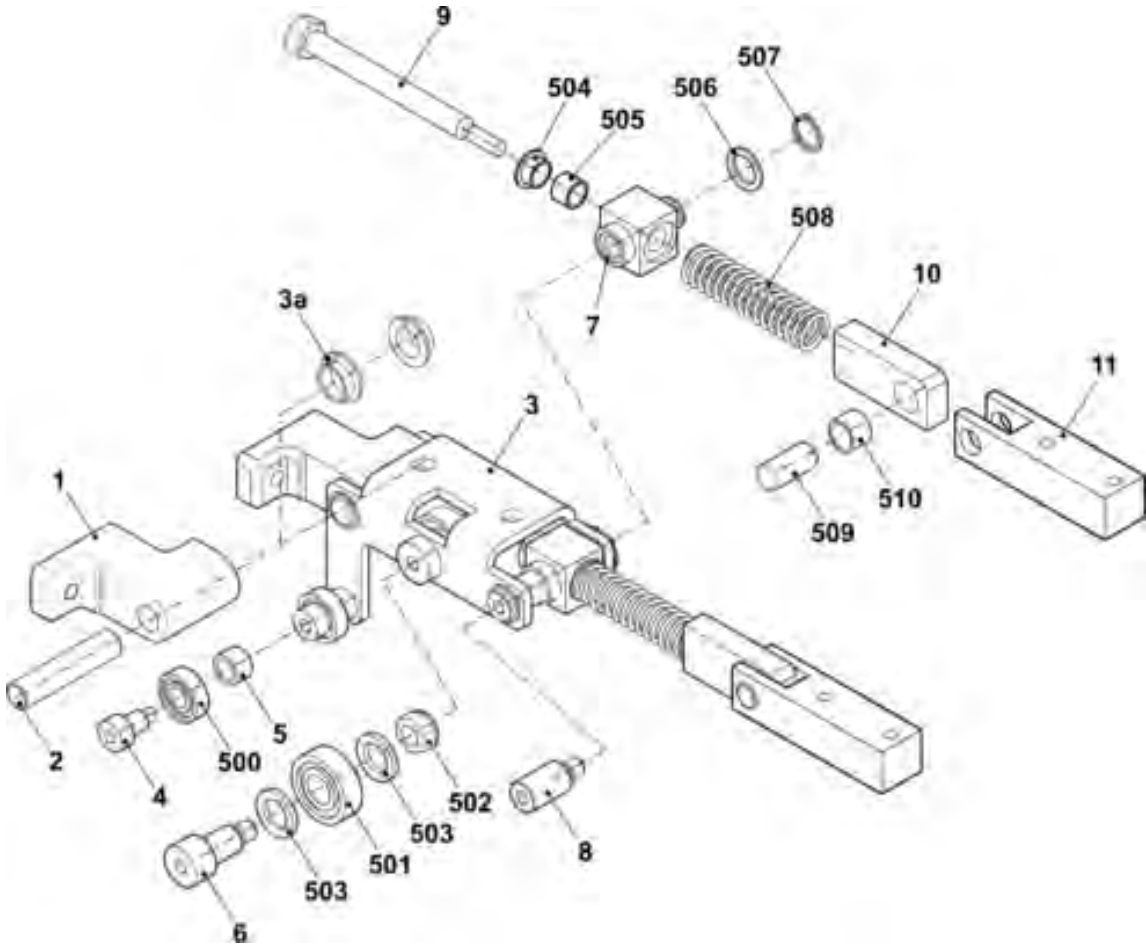
6.5.1 Continuation take-down closing device

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	Shaft	237 181		18	Distance pipe	235 128
8	Spacer	232 385		502	Feather key A 6x6x25	023 017
9	Trip cam	232 383		503	Set screw M6x8	023 723
10	Coupling	232 604		504	Set screw M6x5	023 192
13	Support on the outside complete		235 248	508	Set collar A20	020 938
	13a	Support	234 780	510	Cap screw M4x25	023 302
	513	Deep groove ball bearing 6004-2Z	022 720	511	Cap screw M4x14	023 604
14	Eccentric	235 135		901	Cap screw M10x16	023 895



6.5.1.1 Right swivel support

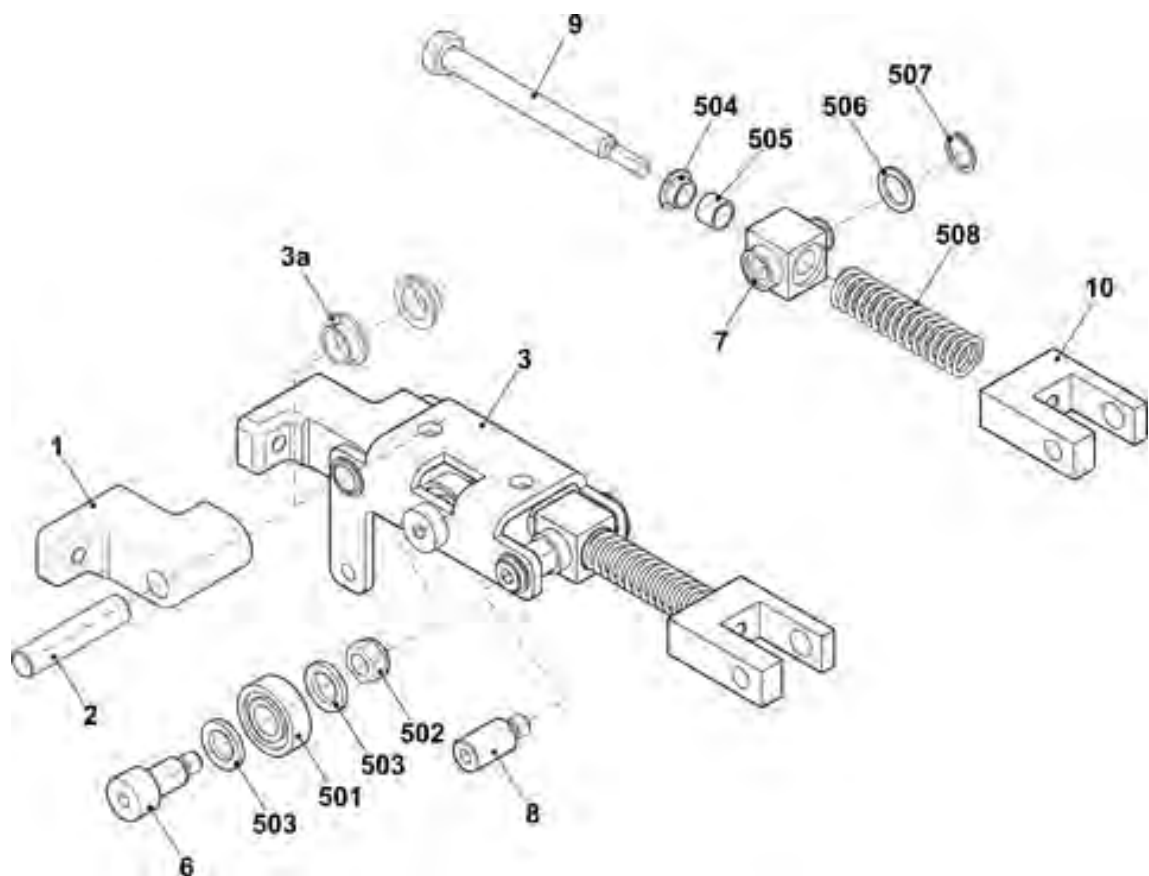
Pos	Designation	Id		Pos	Designation	Id
Σ	Swivel support on the right complete			11	Lever	253 199
1	Support	239 163		500	Grooved ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164		501	Deep groove ball bearing 6000-2Z	022 599
3	Bow	238 974		502	Hexagon nut M8-8	022 843
	3a	Clip bearing 11-MCM-12-04	023 639	503	Adjusting washer 10x16x2	023 600
4	Shoulder screw	239 133		504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134		505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132		506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100		507	Locking ring 12x1	020 951
8	Bearing bolt	239 117		508	Compression spring 2.5x12.5x67.5	023 743
9	Spring mandrel on the inside	232 388		509	Dowel pin 10x20	023 616
10	Lever	238 370		510	Slide bearing GSM-1012-10	239 178



6.5 Take-down closing device

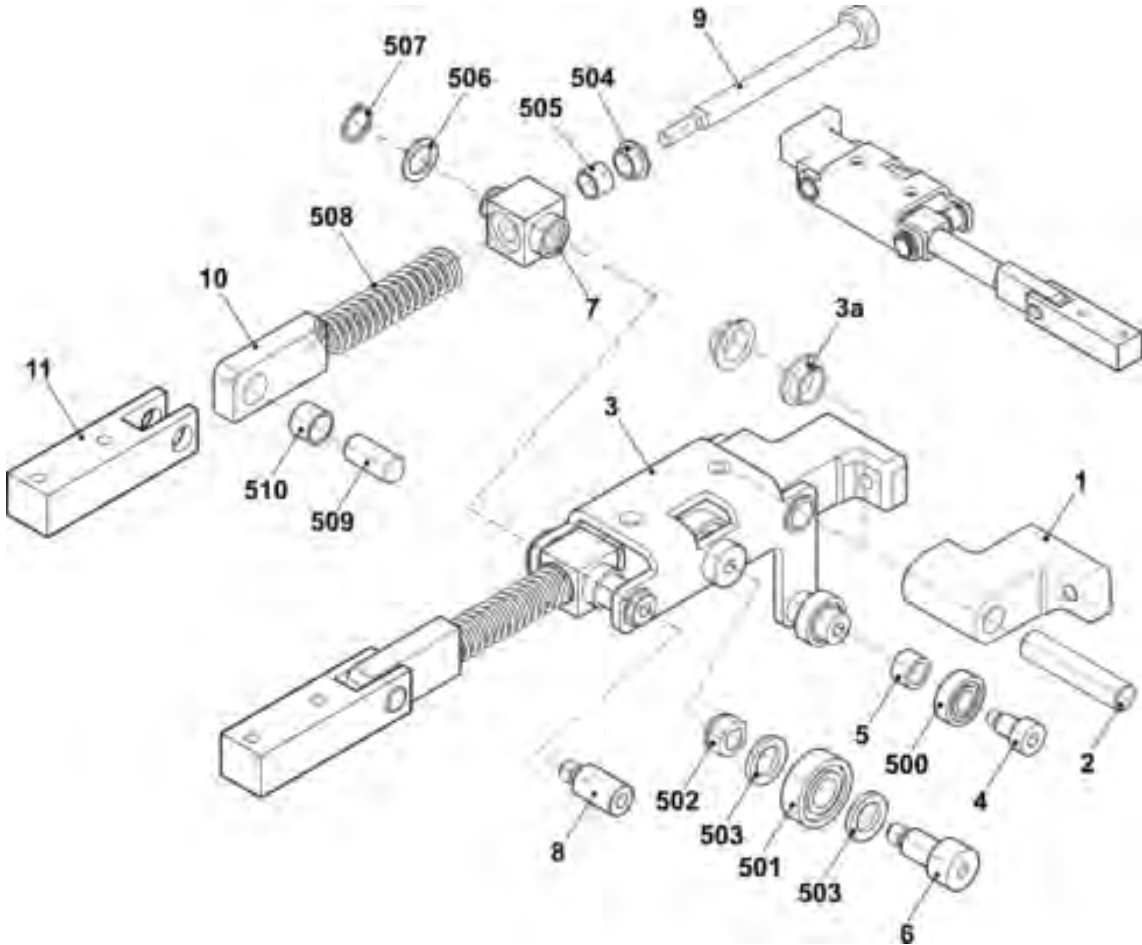
6.5.1.2 Swivel holder in the middle

Pos	Designation	Id	Pos	Designation	Id
Σ	Swivel holder in the middle complete		10	Angle	238 778
1	Support	239 163	501	Deep groove ball bearing 6000-2Z	022 599
2	Bearing pin	239 164	502	Hexagon nut M8-8	022 843
3	Bow	238 974	503	Adjusting washer 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639	504	Slide bearing GFM-081014-06	023 358
6	Shoulder screw	239 132	505	Slide bearing GSM-0810-10	023 896
7	Swivel-mounted bearing	239 100	506	Shim ring 12x18x1	023 315
8	Bearing bolt	239 117	507	Locking ring 12x1	020 951
9	Spring mandrel on the inside	232 388	508	Compression spring 2,5x12,5x67,5	023 743



6.5.1.3 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	Deep groove 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	Adjusting washer 10x16x2	023 600
4	Shoulder screw	239 133		504	Slide bearing GFM-081014-06	023 358
5	Threaded spacer	239 134		505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132		506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100		507	Locking ring 12x1	020 951
8	Bearing bolt	239 117		508	Compression spring 2.5x12.5x67.5	023 743
9	Spring mandrel on the inside	232 388		509	Dowel pin 10x20	023 616
10	Lever	238 370		510	Slide bearing GSM-1012-10	239 178



6.5 Take-down closing device

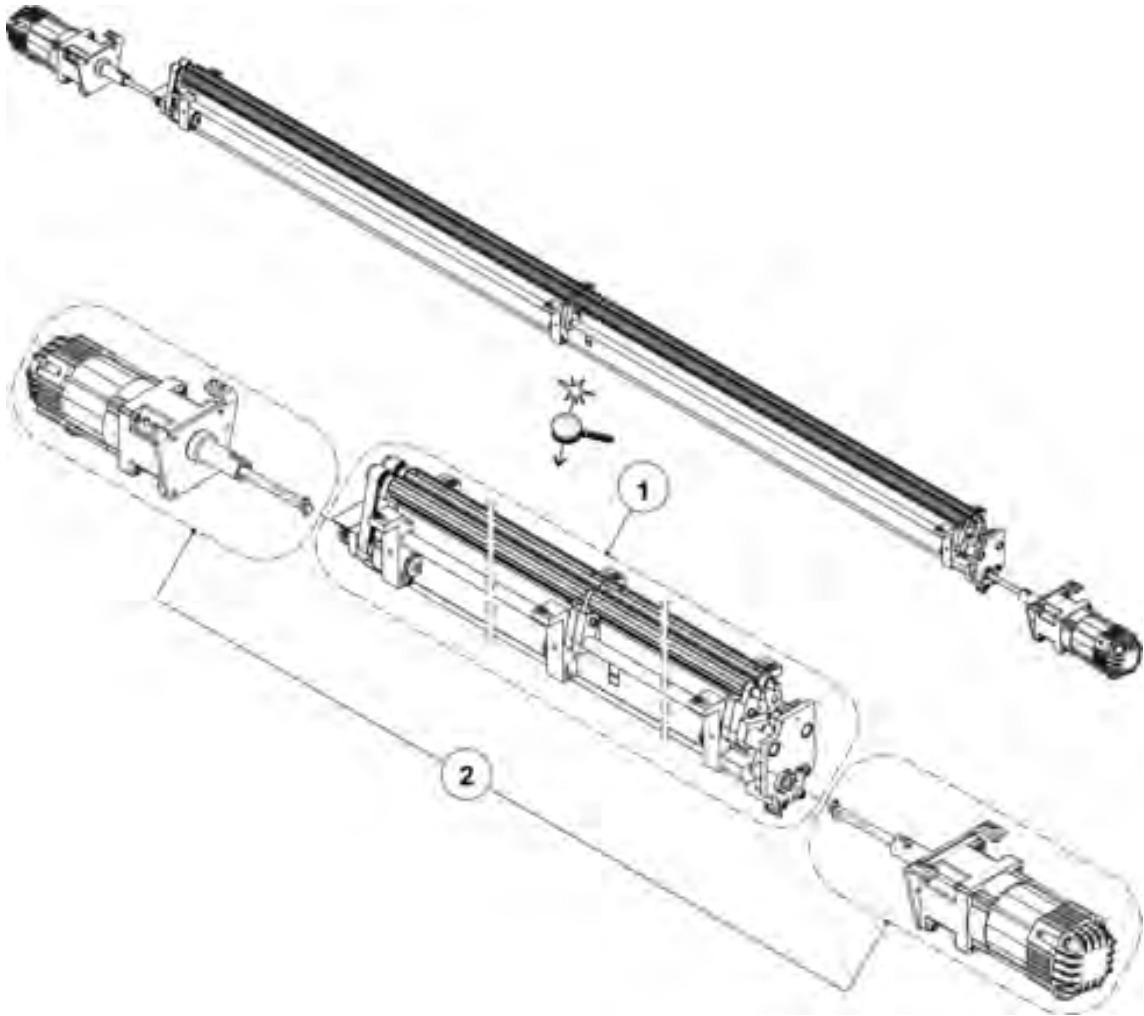
Notes:

7 Auxiliary take-down



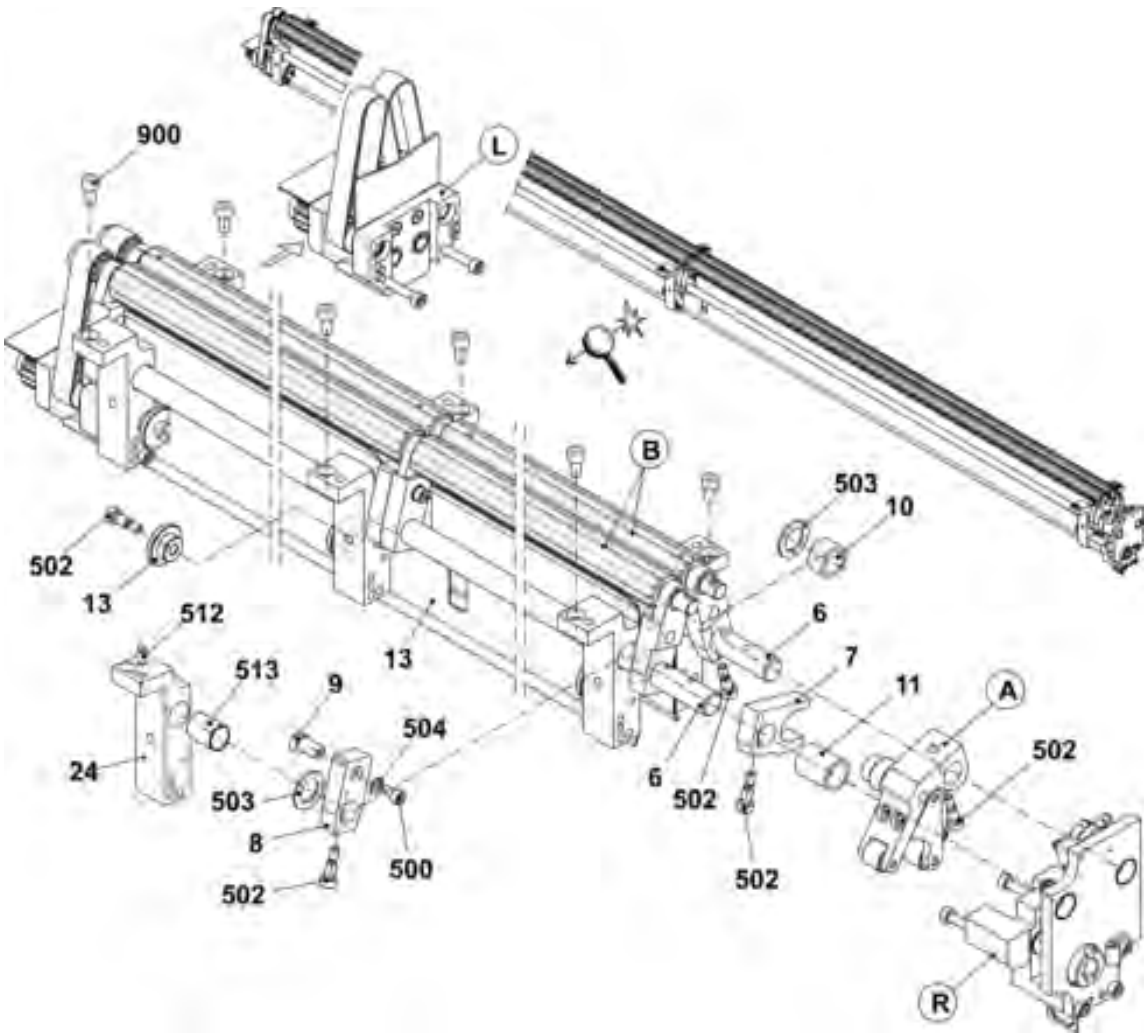
7.1 Auxiliary take-down

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	235 602



7.1.1 Auxiliary take-down pre-assembled

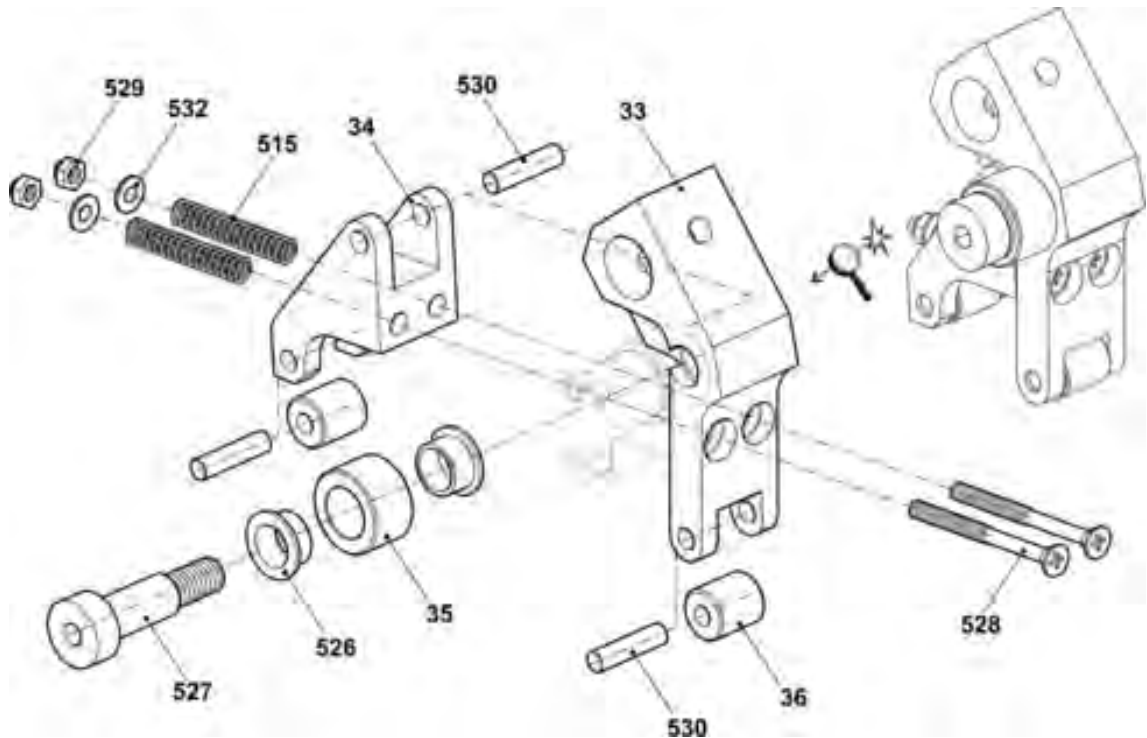
Pos	Designation	ID		Pos	Designation	ID
Σ	Auxiliary take-down pre-assembled	254 974				
6	Contact shaft	237 126		B	Take-down roller	237 128
7	Lever	235 164		L	Bearing on the left	236 894
8	Clamping lever	235 156		R	Bearing on the right	235 353
9	Eccentric	236 952		500	Cap screw M5x10	022 918
10	Distance pipe	235 189		502	Cap screw 6x10	235 448
11	Distance pipe	235 192		503	Stop disc GTM-1524-015	235 447
12	Cover plate	237 127		504	Disc 5	020 871
13	Roll	235 178		512	Dowel pin 6x10	023 268
24	Support	235 150		513	Slide bearing FSM-1517-20	237 060
A	Contact lever	235 356		900	Cap screw M6x12	020 134



7.1 Auxiliary take-down

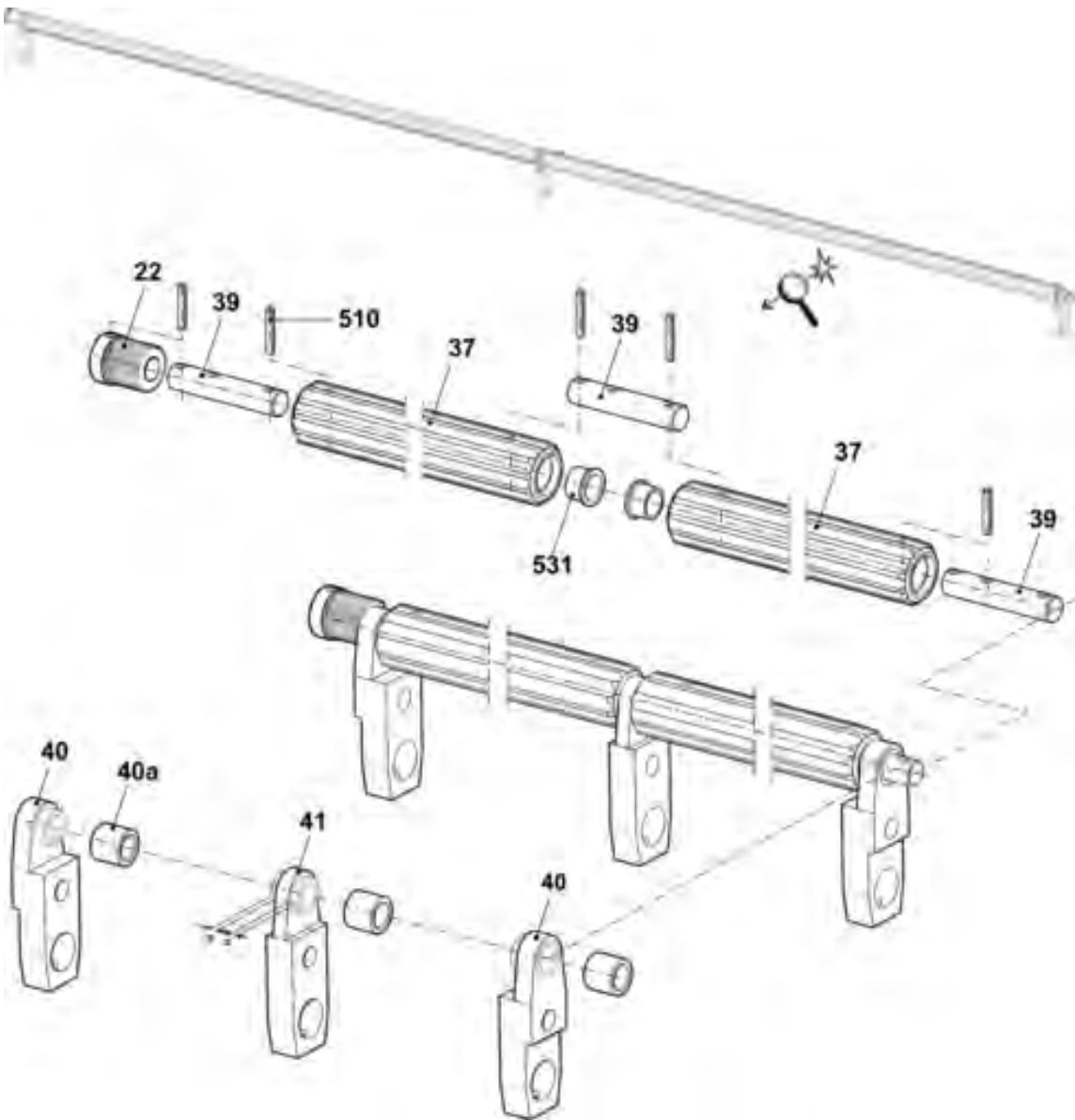
7.1.1.1 Contact lever

Pos	Designation	ID		Pos	Designation	ID
Σ	Contact lever	235 356		526	Slide bearing GFM-10x1216-06	023 280
33	Lever	235 172		527	Cap screw M10x16	023 748
34	Tilting lever	235 173		528	Countersunk screw M4x45	023 291
35	Roller	235 176		529	Hexagon nut M4-8	023 046
36	Roll	235 171		530	Dowel pin 5x22-A-ST	023 716
515	Compression spring 1.6x6.4x27.1	023 288		532	U-washer 4	020 870



7.1.1.2 Take-down roller

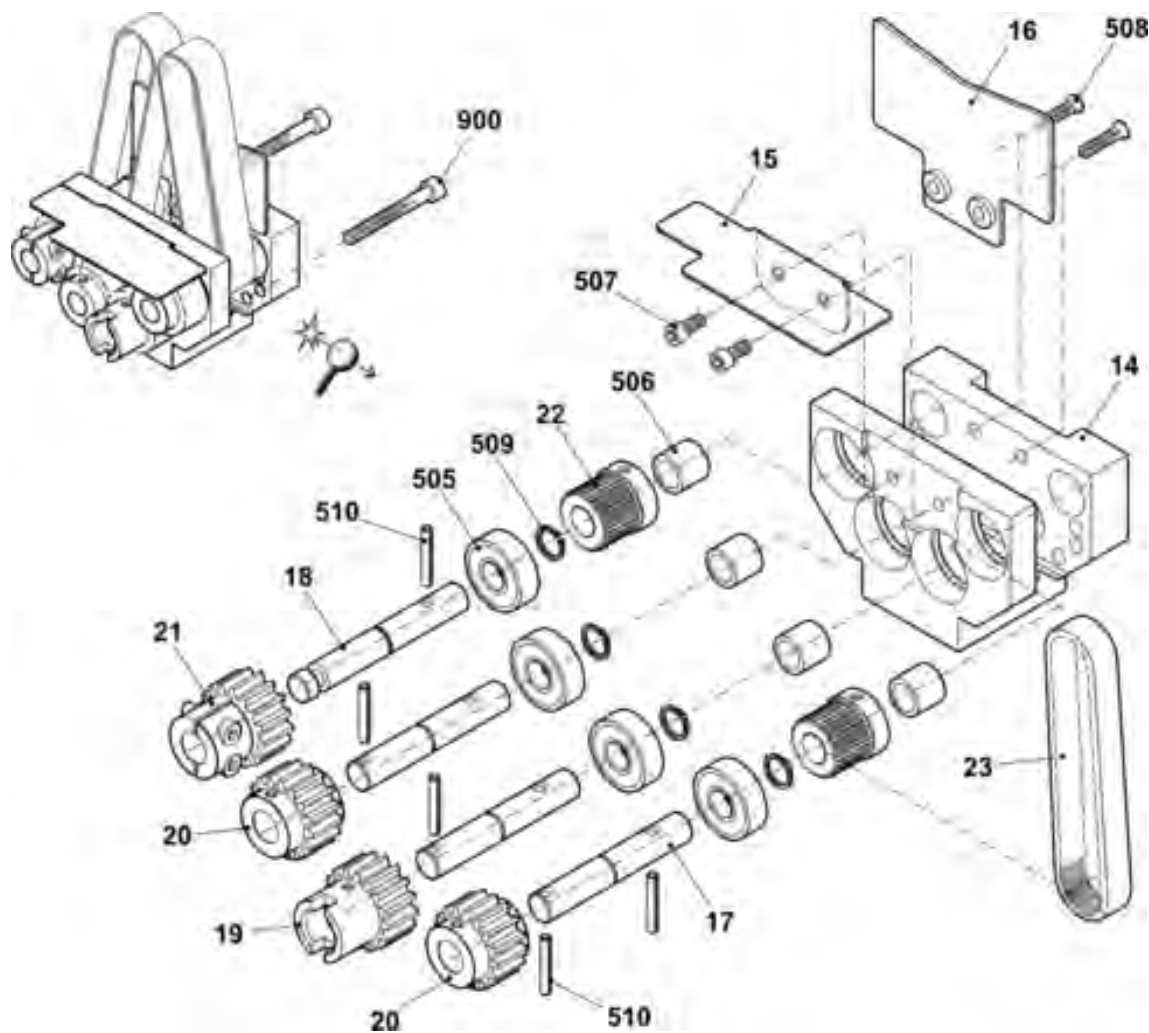
Pos	Designation	Id		Pos	Designation	Id	
Σ	Take-down roller	237 128					
22	Timing belt pulley	237 043			40a	Needle roller bearing 10x14x12	023 665
37	Take-down roller	237 125		41	Lever bearing in the middle complete		235 359
39	Bolt	236 973		531	Slide bearing GFM-101214-07		023 627
40	Lever bearing on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



7.1 Auxiliary take-down

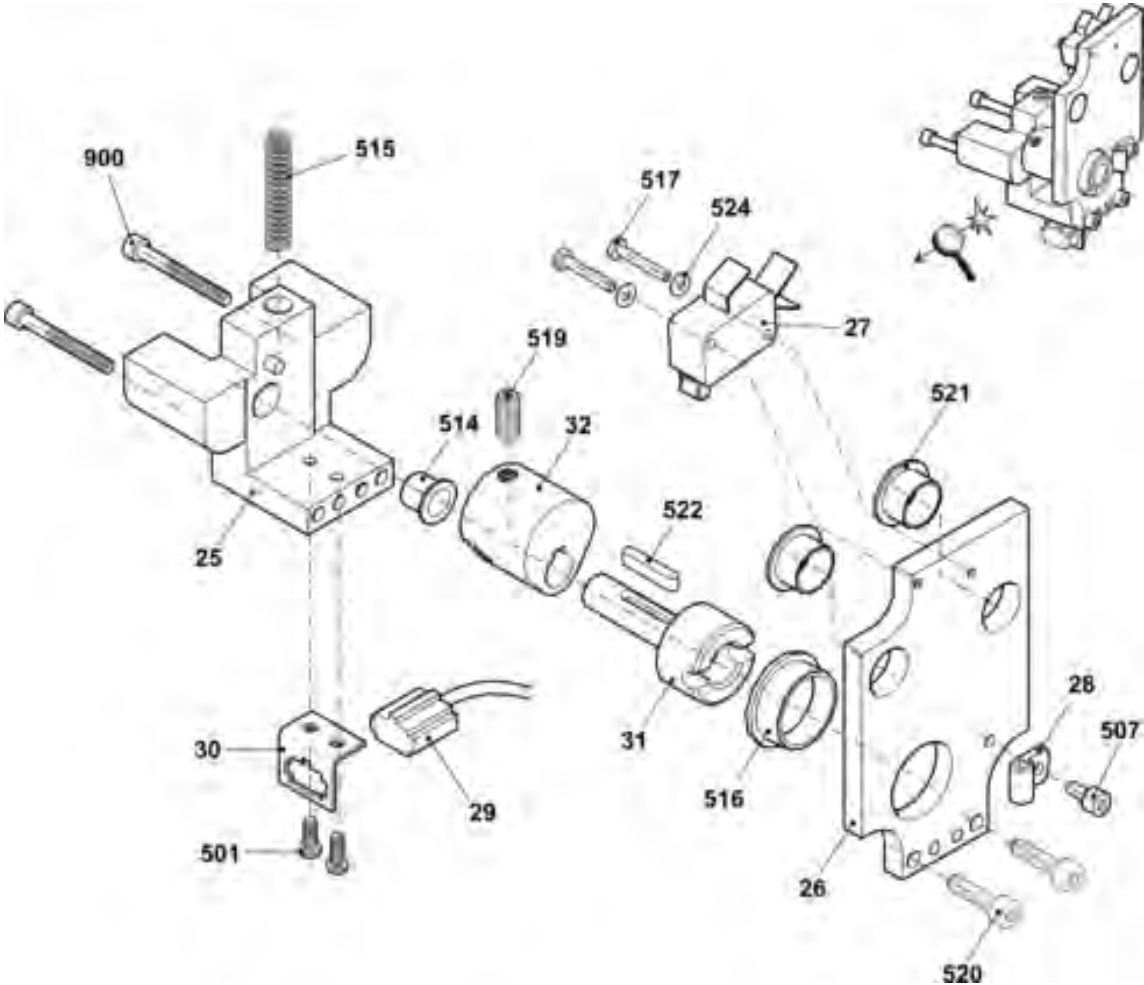
7.1.1.3 Left bearing of the auxiliary take-down

Pos	Designation	ID		Pos	Designation	ID
Σ	Bearing on the left	236 894		22	Timing belt pulley	237 043
14	Drive bearing	237 422		23	Toothed belt HPS5M NG CLEAN	237 118
15	Cover plate	236 970		505	Deep groove ball bearing 61900-2RS1	023 714
16	Cover plate	237 037		506	Needle roller bearing 10x14x10	023 664
17	Bolt	236 964		507	Cap screw M4x8	022 501
18	Bolt	236 963		508	Countersunk screw M4x12	023 062
19	Gear wheel	236 914		509	Locking ring 10x1	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

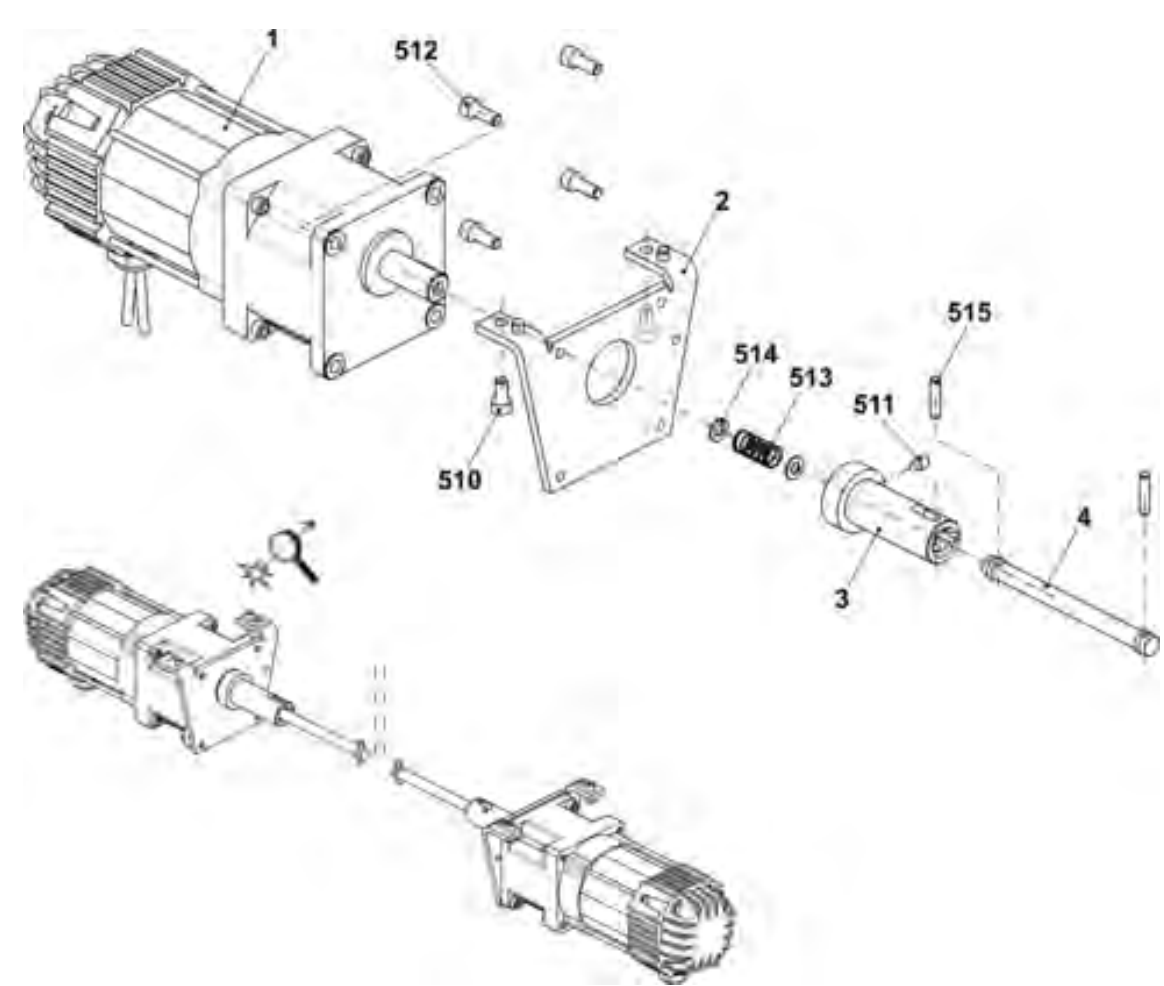
Pos	Designation	ID		Pos	Designation	ID
Σ	Bearing on the right	235 353				
25	Bearing on the right	237 520		514	Slide bearing GFM-101216-09	023 356
26	Plate	235 168		515	Compression spring 1.6x6.4x27.1	023 288
27	Microswitch	026 259		516	Slide bearing GFM-2427-07	023 712
28	Cable clip N-3B 5 mm	210 729		517	Hexagon screw M3x16	237 058
29	Cable switch HIAB ST468	235 027		519	Set screw 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	U-washer 3	020 877
507	Cap screw M4x8	022 501		900	Cap screw M5x35	022 879



7.1 Auxiliary take-down

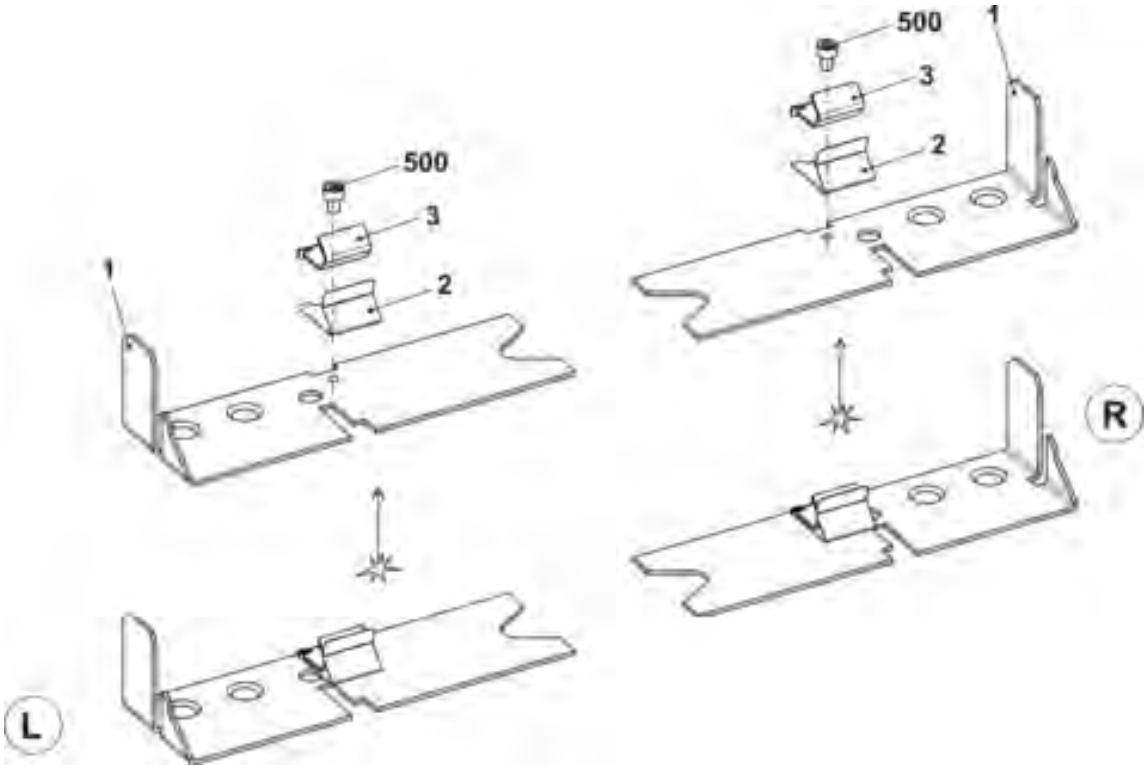
7.1.2 Motor

Pos	Designation	Id		Pos	Designation	Id
Σ	Motor with 2 phases auxiliary take-down complete					
1	Motor 1.8NM 30MIN-1	234 805		511	Set screw M6x10	023 543
2	Motor bracket	235 276		512	Cap screw M6x16	020 135
3	Drive sleeve	235 285		513	Compression spring 0.63x10.97x40	023 500
4	Shaft	235 300		514	Adjusting washer 6x12x1	023 444
510	Cap screw M6x12	020 134		515	Dowel pin 5x22-A-ST	023 716



7.2 Yarn brake at clamping/cutting bed

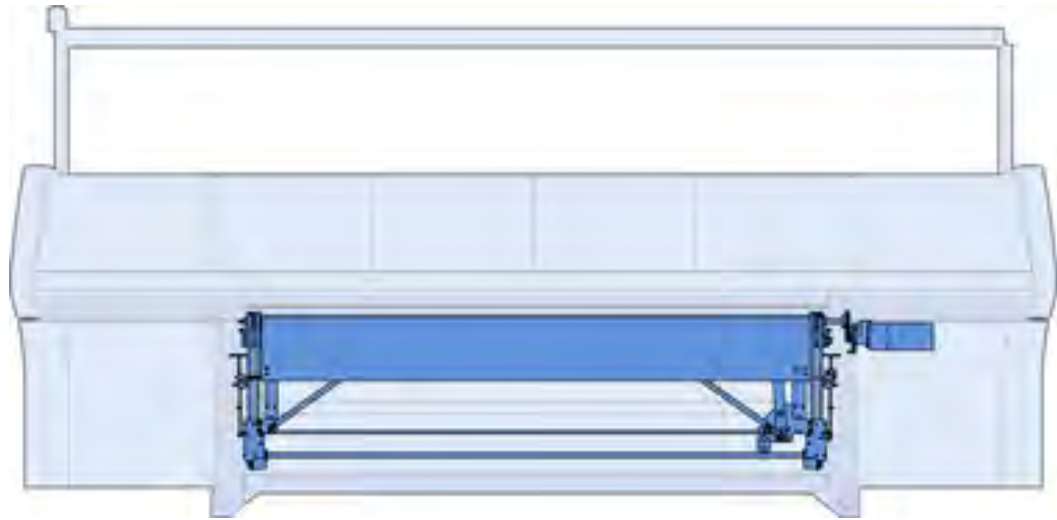
Pos	Designation	Id		Pos	Designation	Id
Σ L	Yarn brake on the left	257 794		Σ R	Yarn brake on the right	257 793
1	Cover on the left	257 792		3	Cover on the right	257 791
2	Leaf spring	256 712		1	Leaf spring	256 712
3	Test clamping plate	256 713		2	Test clamping plate	256 713
500	Cap screw M4X6	023 067		500	Cap screw M4X6	023 067



7.2 Yarn brake at clamping/cutting bed

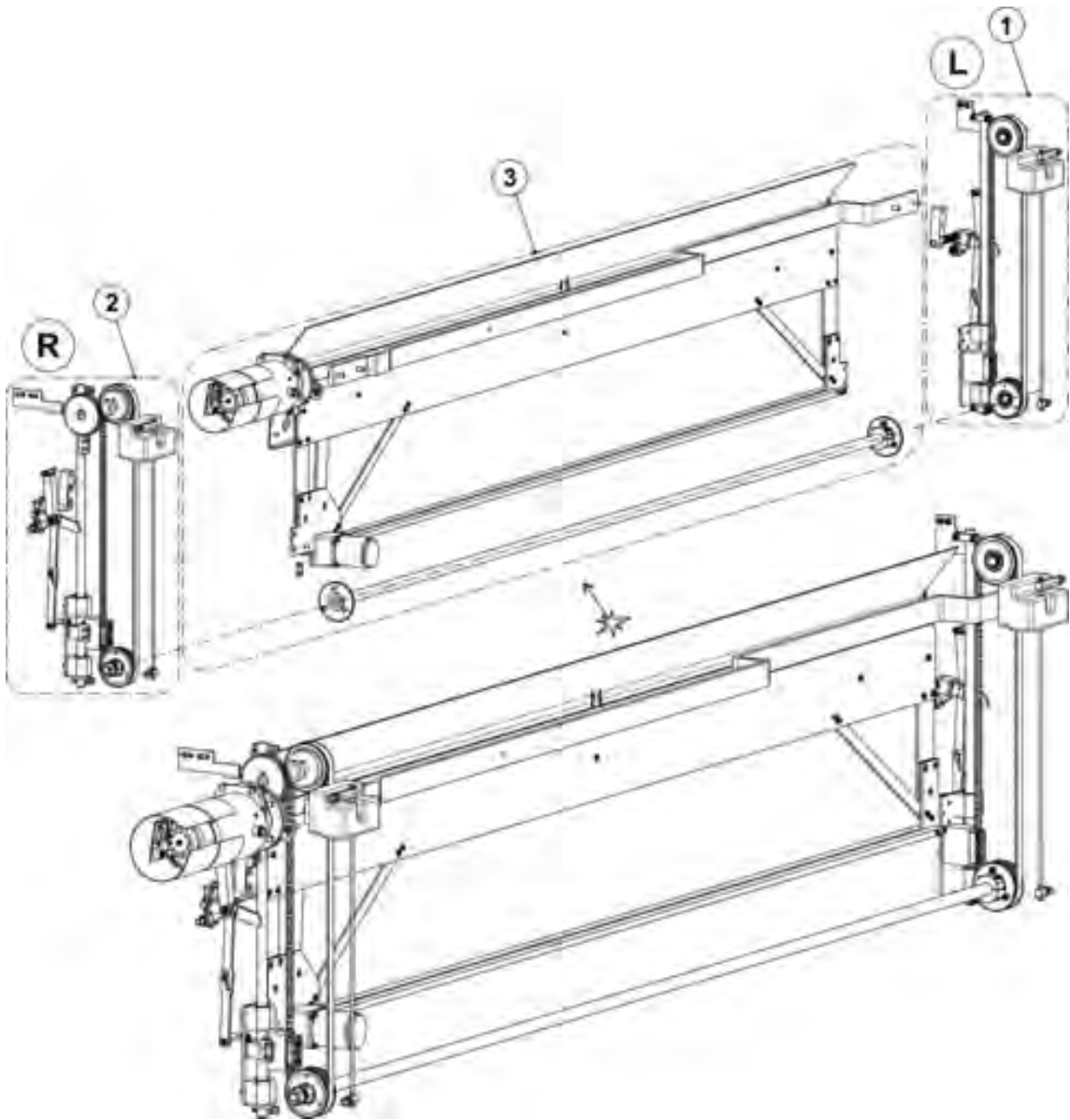
Notes:

8 Comb take-down



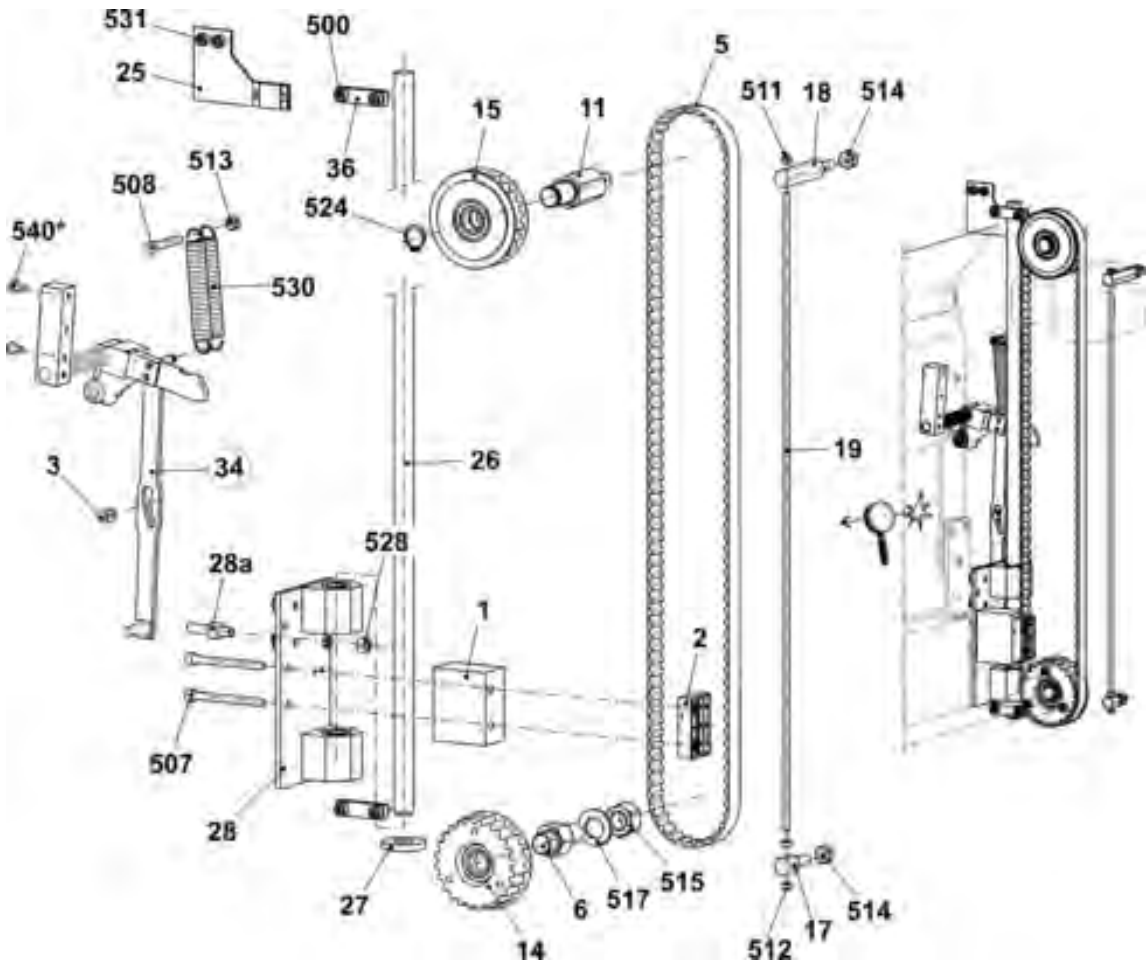
8.1 Comb take-down

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

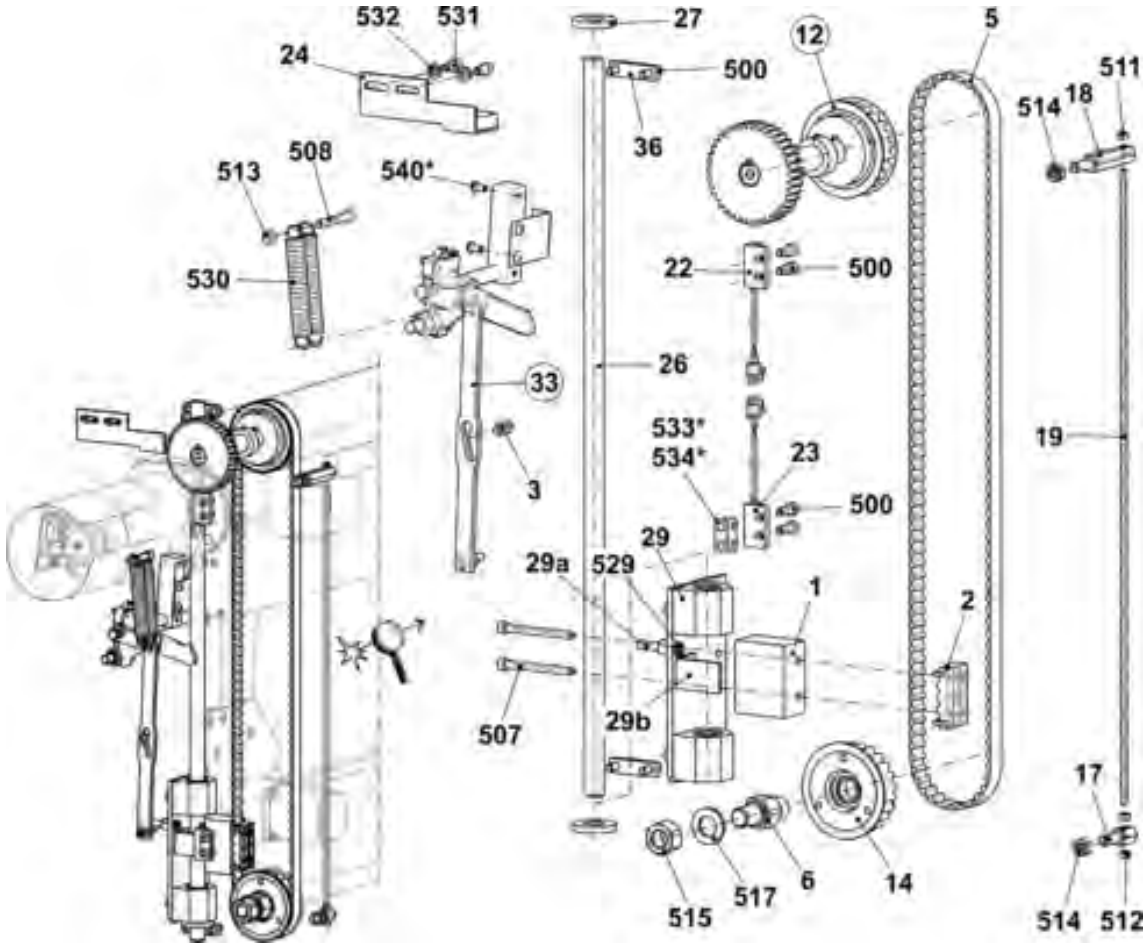
Pos	Designation		Id		Pos	Designation		Id
Σ	Comb take-down on the left		255 265					
1	Clamping part		209 379			528	Hexagon nut M8-6	020 838
2	Presser plate		241 967		34	Swivel lever on the left		252 859
3	Bolt		222 152		36	Clamping plate		227 159
5	Toothed belt 16T10/1300		240 065		500	Cap screw M6x16		020 135
6	Eccentric pin		222 320		507	Cap screw M6X65		240 162
11	Bolt		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		253 535		517	U-washer 16		020 876
26	Guide bar C35		206 560		524	Locking ring 17x1		023 299
27	Rubber buffer		206 561		530	Tension spring Din2097 15x1,50x70,94		251 614
28	Comb guide on the left		255 425		531	Cap screw M6x12		020 134
	28a	Driving bolt	255 427		540*	Countersunk screw M5x10		023 247



8.1 Comb take-down

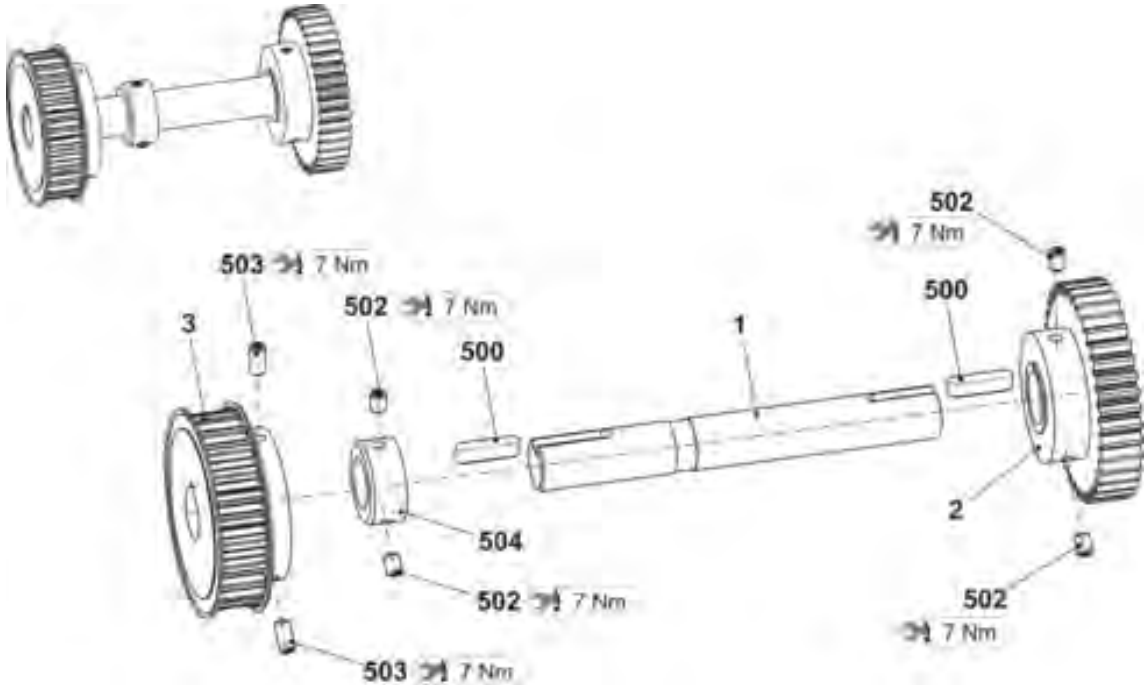
8.1.2 Comb take-down on the right

Pos	Designation		Id		Pos	Designation		Id
Σ	Comb take-down on the right		255 266					
1	Clamping part		209 379			529	Hexagon nut M8-6	020 838
2	Presser plate		241 967		33	Swivel lever on the right		252 858
3	Bolt		222 152		36	Clamping plate		227 159
5	Toothed belt 16T10/1300		240 065		500	Cap screw M6x16		020 135
6	Eccentric pin		222 320		507	Cap screw M6X65		240 162
12	Drive shaft comb complete		214 583		508	Cap screw M6x45		022 689
14	Toothed lock washer at the bottom complete		211 822		511	Hexagon nut M5-8		023 541
17	Stay bolt		222 315		512	Hexagon nut M5-6		020 835
18	Stay bolt		240 056		513	Hexagon nut M6-6		020 836
19	Threaded rod M5		240 057		514	Hexagon nut M8-6		020 838
22	Proximity switch inductive at the top		231 516		515	Hexagon nut M16-6		020 845
23	Proximity switch inductive at the bottom		231 520		517	U-washer 16		020 876
24	Photoelectric sensor complete		253 534		530	Tension spring 15x1.50x70.94		251 614
26	Guide bar C35		206 560		531	Cap screw M6x12		020 134
27	Rubber buffer		206 561		532	U-washer 6		020 872
29	Comb guide on the right		255 424		533*	Shim 0.2x12x27		023 735
	29a	Driving bolt	255 427		534*	Shim 0.5x12x27		023 736
	29b	Angle	240 112		540*	Countersunk screw M5x10		023 247



8.1.2.1 Drive shaft of comb

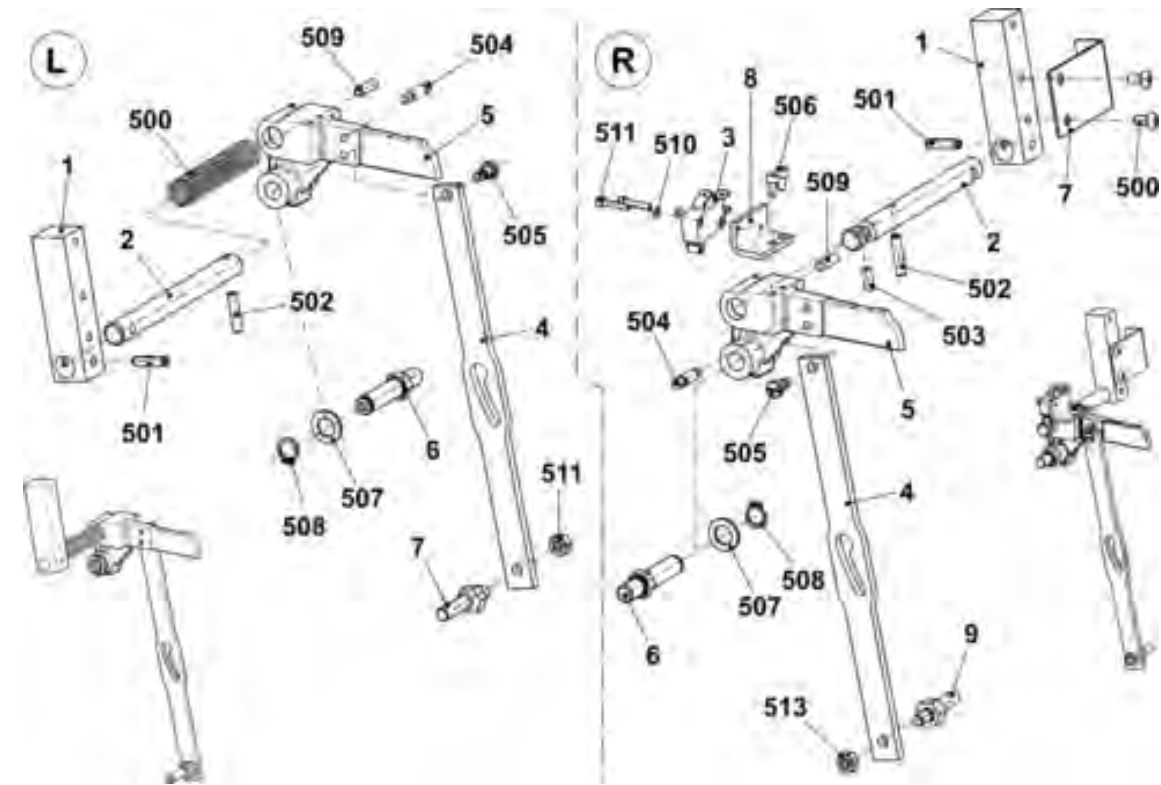
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Shaft	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt disc at the top	206 394		504	Set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



8.1 Comb take-down

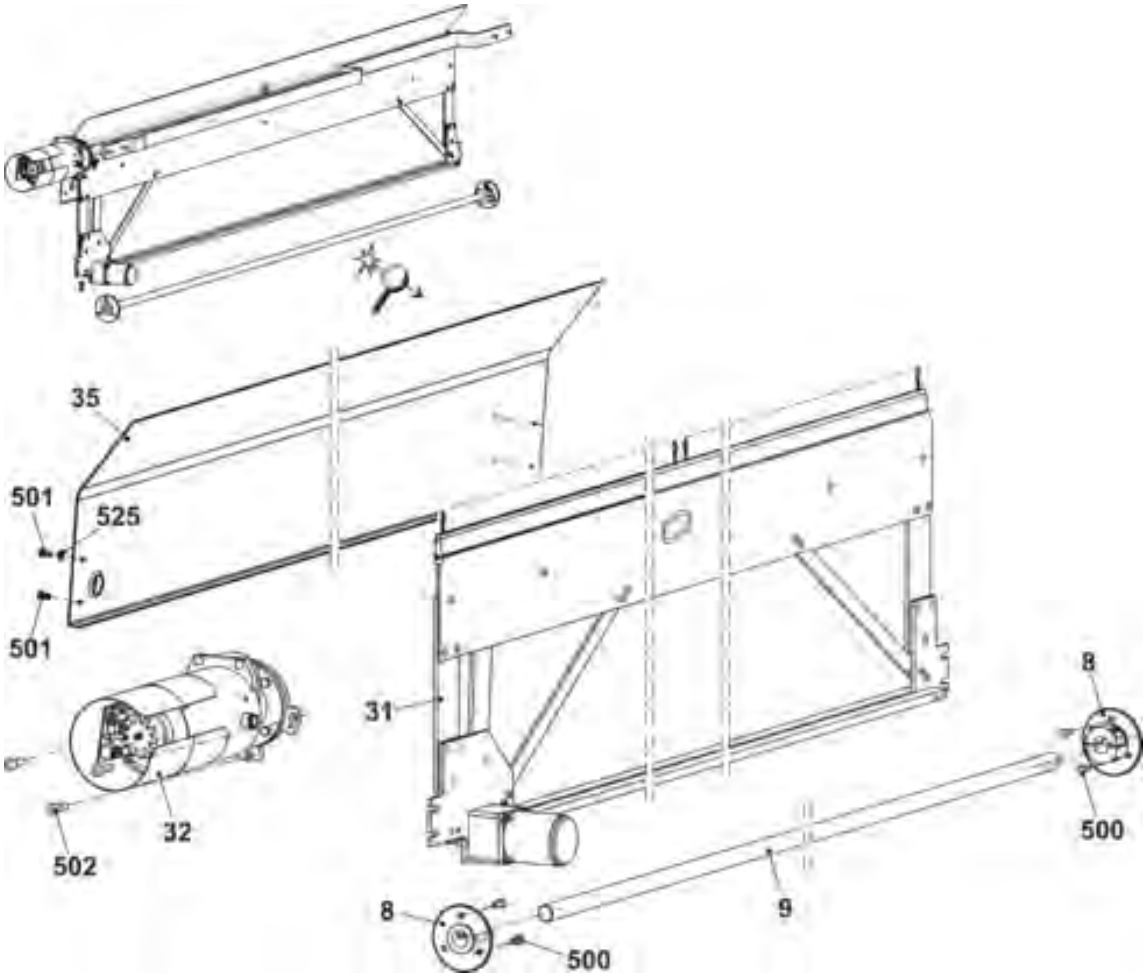
8.1.2.2 Swivel lever comb take-down

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	Countersunk screw M5x10	023 247
505	Shoulder screw M5x5.8x6.2	023 365		501	Spring dowel sleeve 5x20	020 794
507	U-washer 10	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 screw M4x8	022 501
				507	U-washer 10	020 884
				508	Locking ring 10x1	020 950
				509	Shoulder screw M5x12x18	020 539
				510	Shoulder screw M3x16	022 583
				511	U-washer 3	020 877
				513	Hexagon nut M8-6	020 838



8.1.3 Comb take-down in the middle

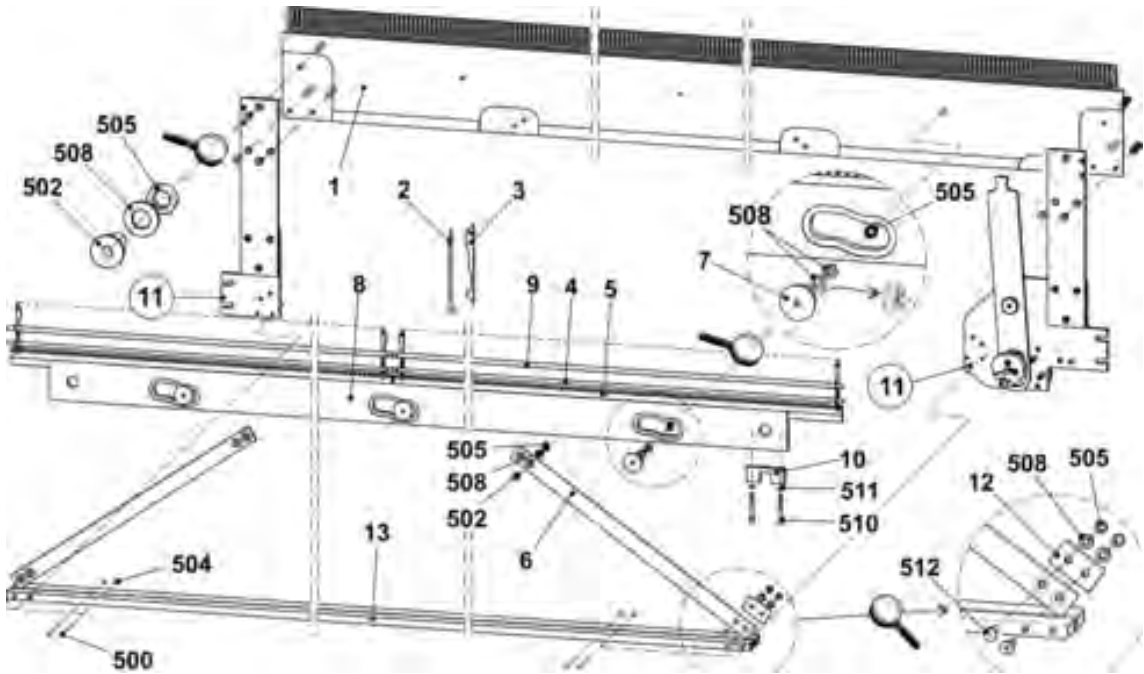
Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down in the middle			31	Comb unit	
	E10	255 271			E10	242 259
	E12 E6.2(12m.10) E6.2	255 248			E12 E6.2(12m.10) E6.2	242 260
	E14 E7.2	255 272			E14 E7.2	242 261
	E16 E8.2 mg	255 273			E16 E8.2 mg	242 262
	E18	255 274			E18	242 263
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	236 875		35	Guide plate	252 830
500	Cap screw M6x16	020 135		502	Cap screw M8X25	020 142
501	Countersunk screw M5x10	023 247		525	Serrated lock washer J5.3	022 489



8.1 Comb take-down

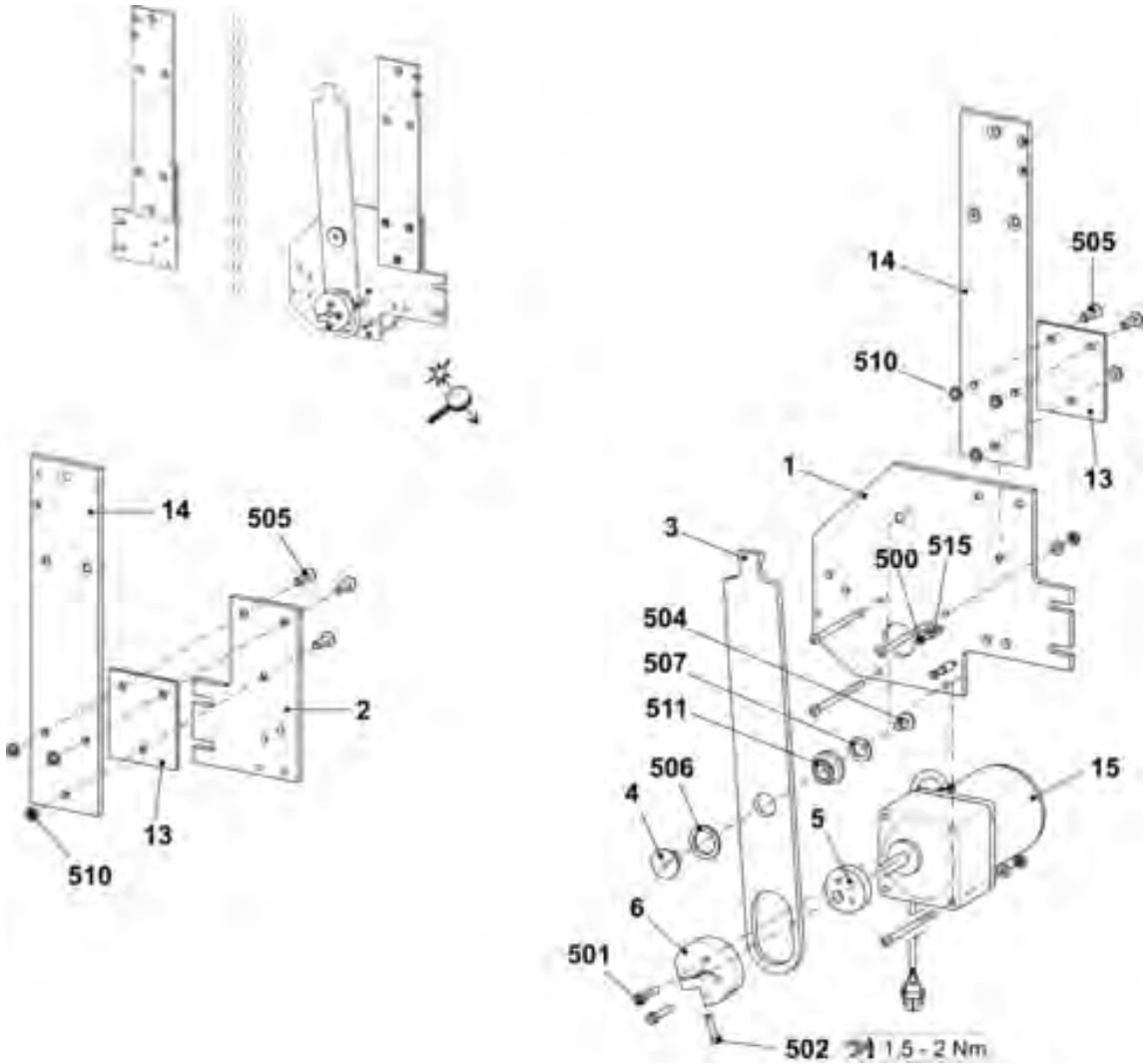
8.1.3.1 Comb unit

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	Switch 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	U-washer 5-200	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



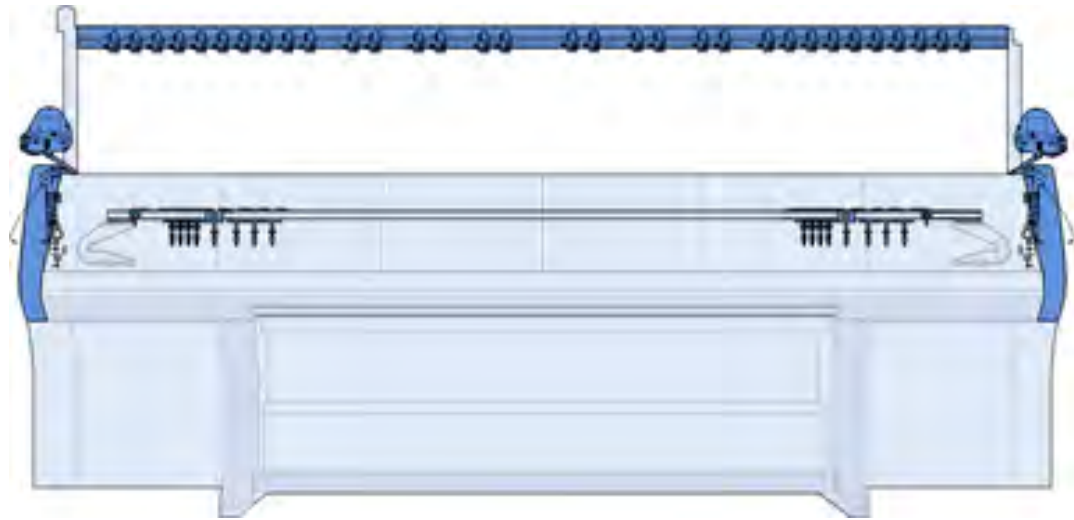
8.1.3.1.1 Switch lever comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Switch lever complete	235 690		500	Cap screw M3x25	023 093
1	Screwing plate on the right	232 968		501	Cap screw M4x20	023 171
2	Screwing plate on the left	240 059		502	Cap screw M4x16	023 123
3	Lever	215 228		504	Countersunk screw M6x12	023 435
4	Bearing bolt	215 675		505	Countersunk screw M5x16	023 417
5	Eccentric	205 681		506	Adjusting washer 16x22x2	023 449
6	Tension lifter	215 287		507	Shim ring 4x8x1	023 260
13	Intermediate plate	213 980		510	Hexagon nut M5	020 854
14	Retaining plate	218 977		511	Collar bearing 10x16x22	022 841
15	Motor comb hook with 2 phases	244 635		515	Threaded spacer	210 488



Notes:

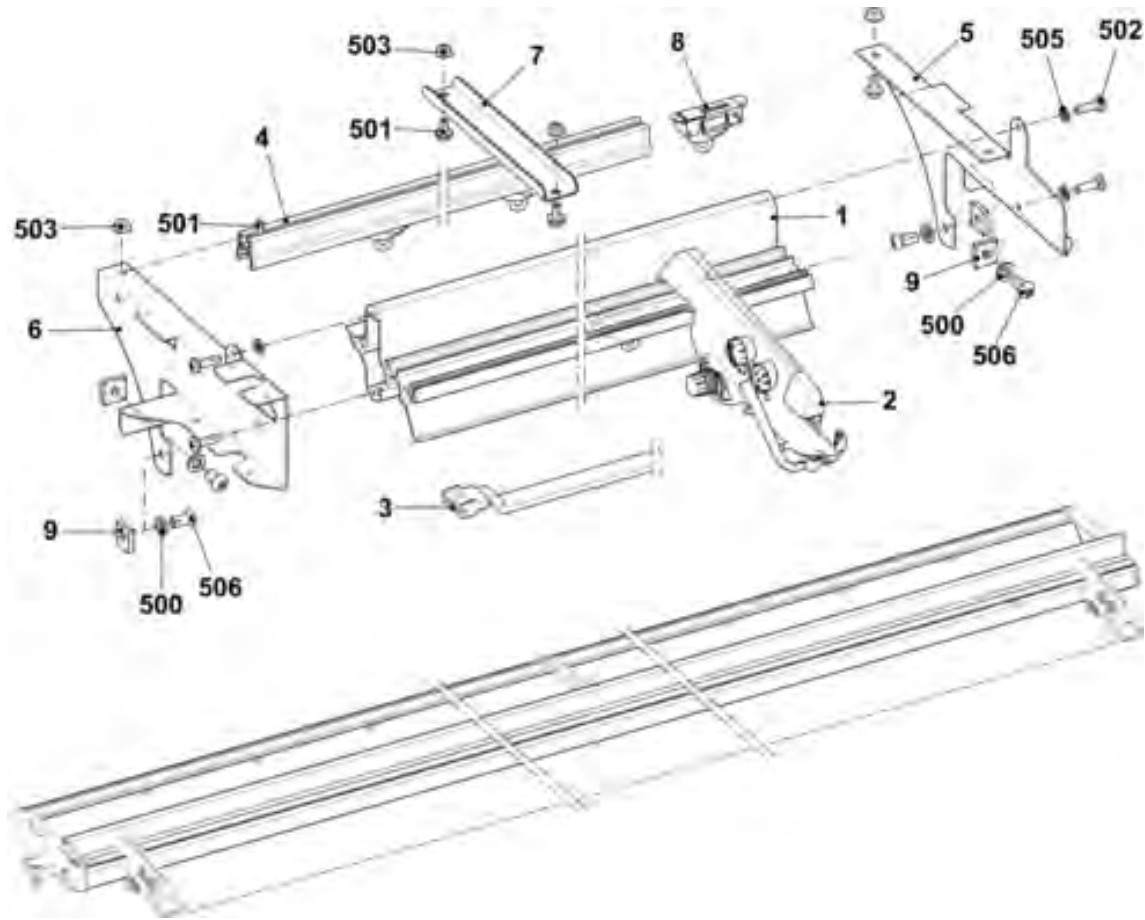
9 Yarn delivery device



9.1 Yarn guide system from 20 up to 26 FKE

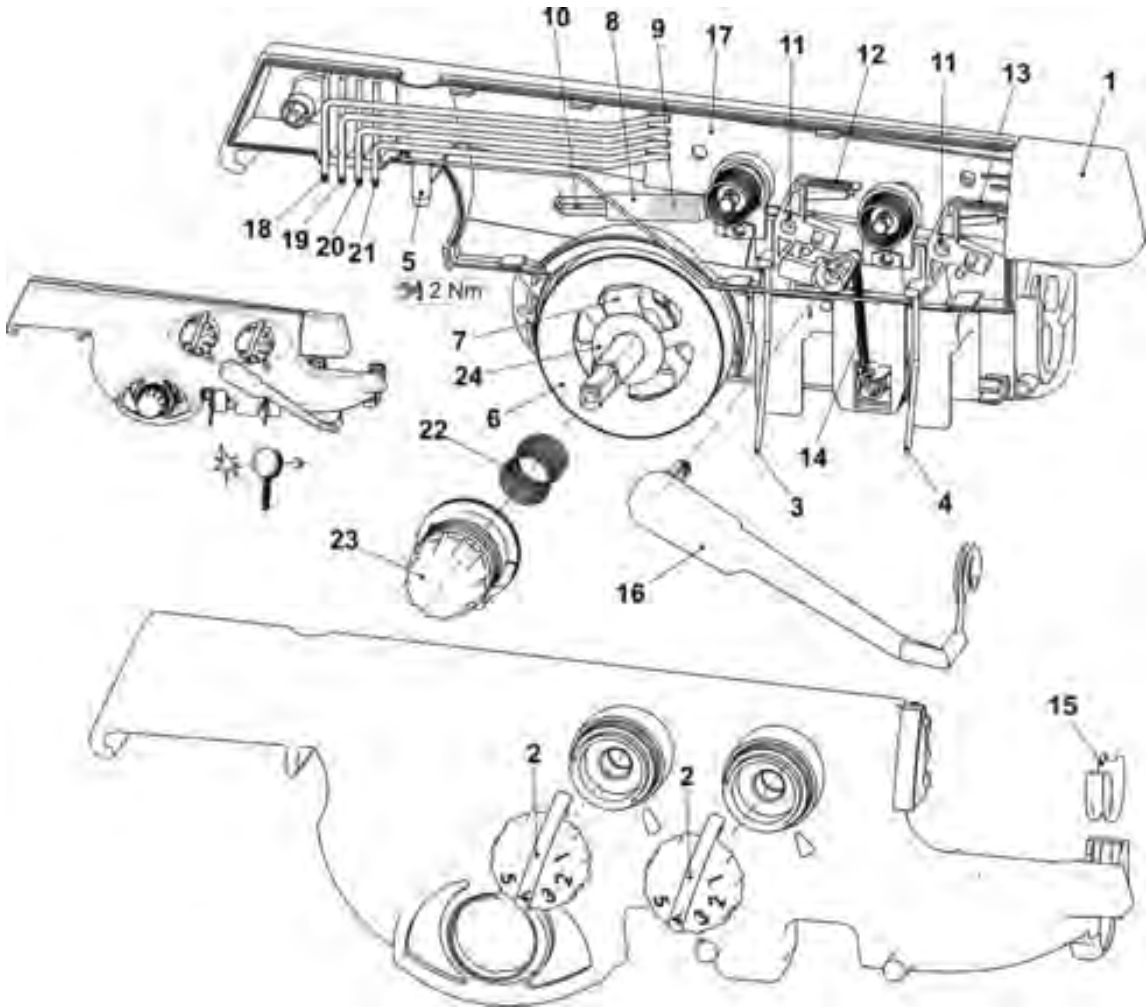
9.1 Yarn guide system from 20 up to 26 FKE

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	Sliding block	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	Ribbed safety nut M6-10	023 414
6	Support on the left	243 600		505	U-washer 6-200	022 431
7	Support	243 792		506	Pan-head screw M8x16	023 113



9.2 Yarn control unit

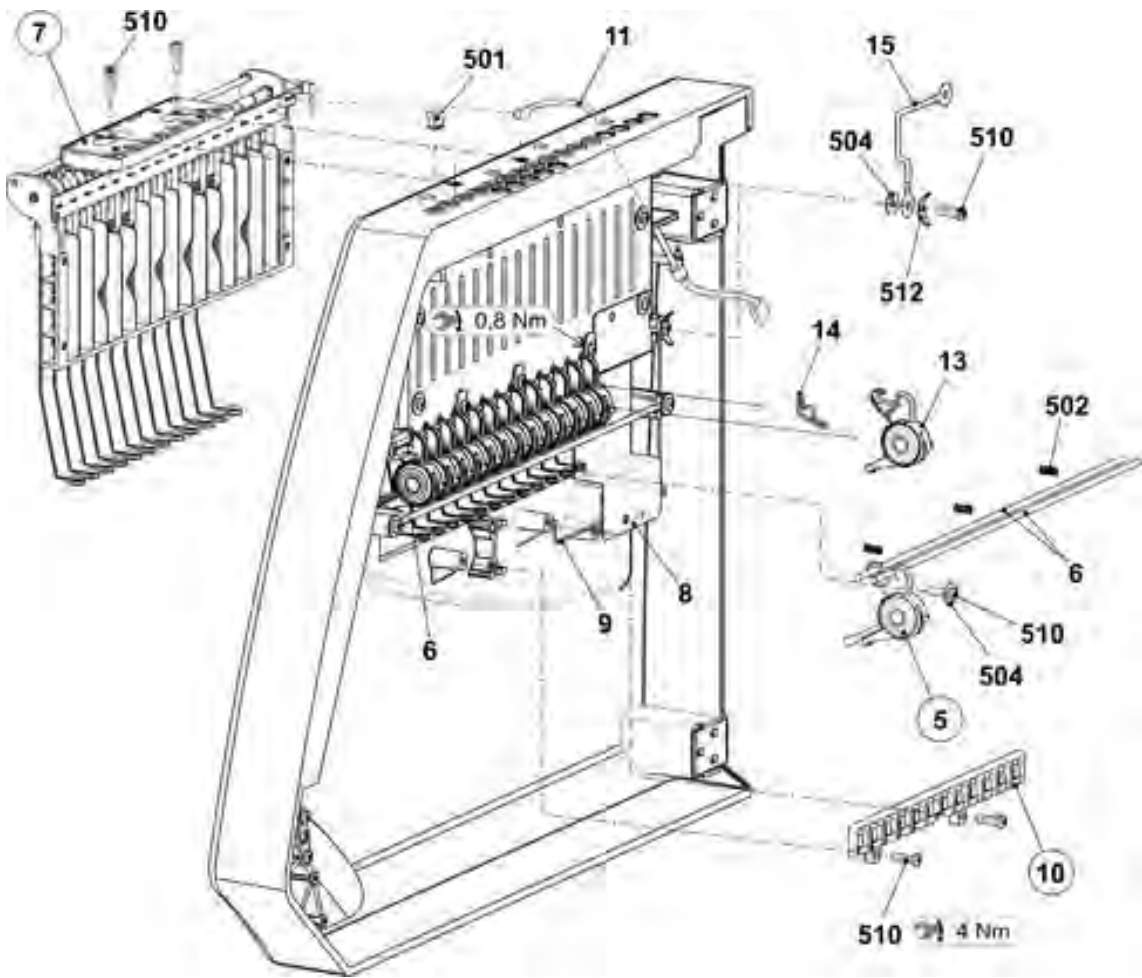
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control unit	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw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



9.3 Left yarn guide

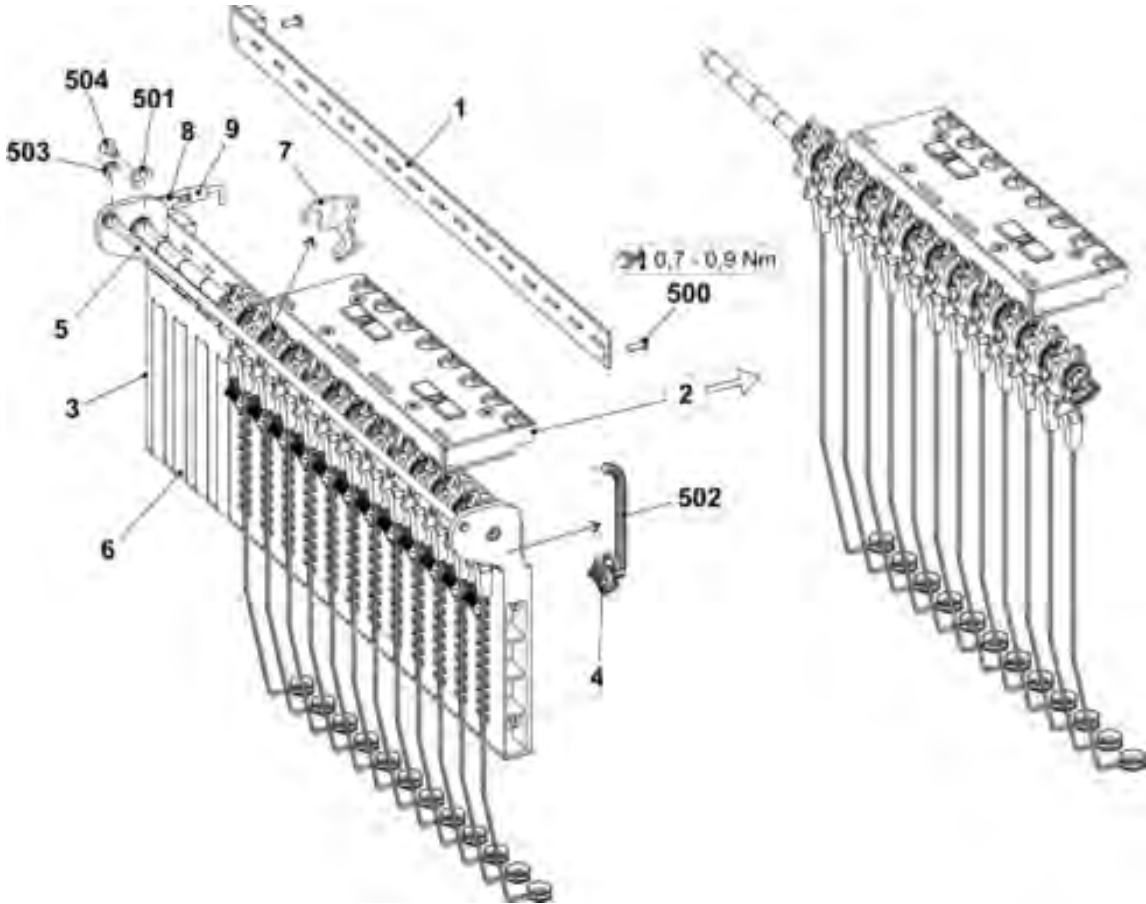
9.3 Left yarn guide

Pos	Designation	Id	Pos	Designation	Id
Σ	Left safety cover complete E10-18	241 273	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 left complete E10-18	241 365	501	Ceramic eyelet	240 640
8	Cover	240 783	502	Compression spring 0.90x5.40x13.60	241 360
9	Wire bow on the left	241 370	504	U-washer 6	022 537
10	Yarn deflector	242 011	510	Screw KB 60x20	237 682
11	Connection cable yarn	240 808	512	Flat connector 2x45° M6	243 117



9.3.1 Left yarn tensioner

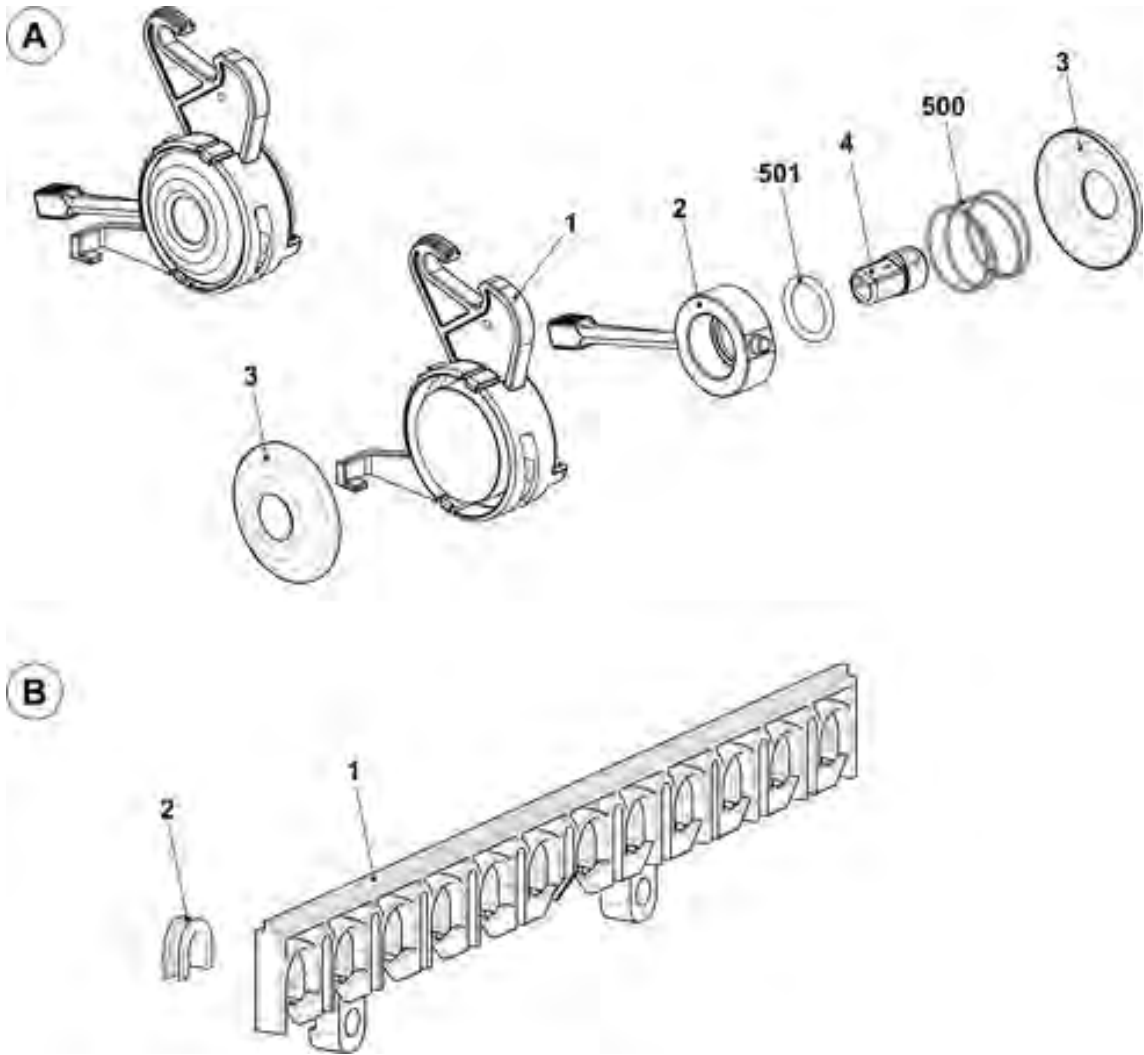
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	241 365				
1	Card yarn tensioner 16-fold on the left	241 345		8	Grounding sheet metal of tension axle	243 121
2	Tension axle on the left complete (E10 – 18)	241 381		9	Ground cable yarn tensioner	243 105
3	Housing	241 367		500	Cap screws M30x8	236 228
4	Slider	241 694		501	Circlip	021 022
5	Stop point	241 368		502	Tension spring 4.9x0.45x53	023 504
6	Cover	242 268		503	Circlip	021 020
7	Spacer	242 048		504	Countersunk screw M4x10	241 914



9.3 Left yarn guide

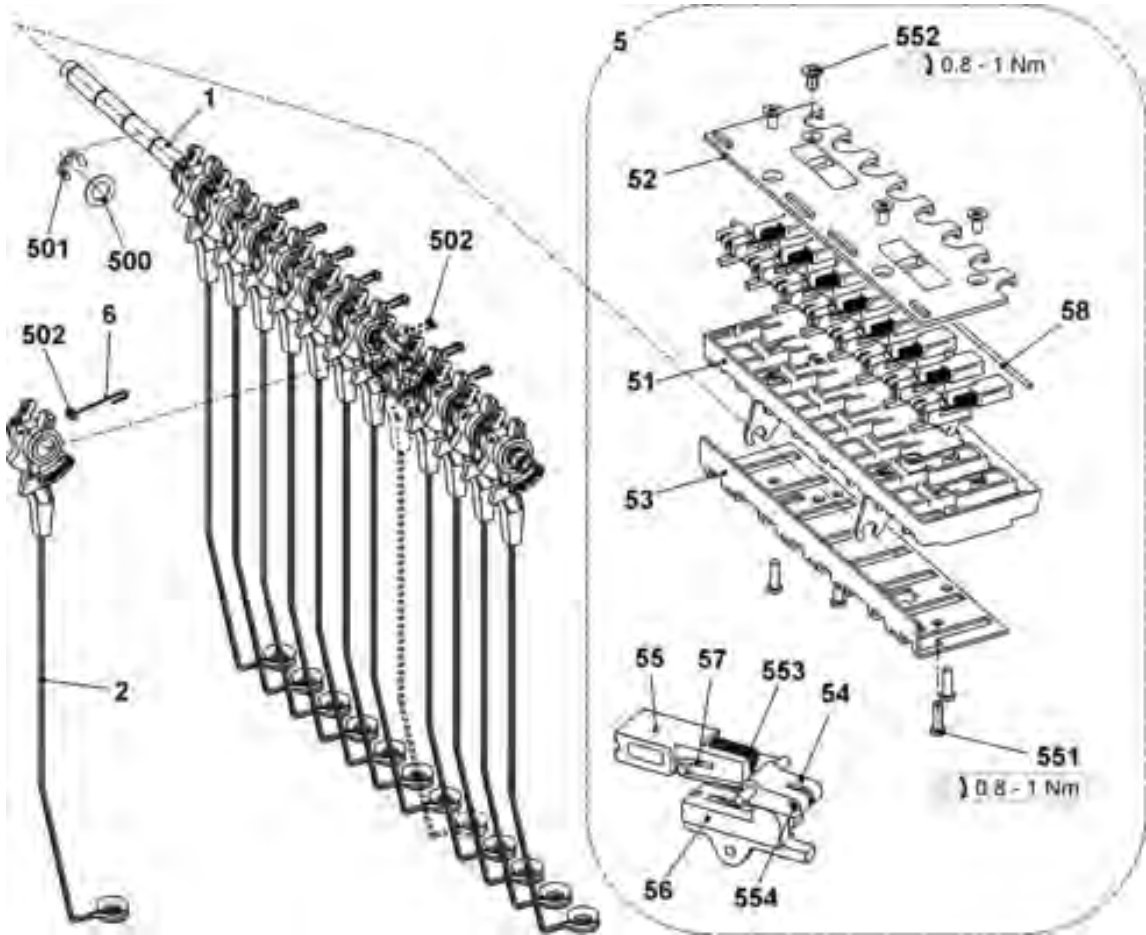
9.3.2 Yarn brake and yarn deflector

Pos	Designation	Id		Pos	Designation	Id
A	Yarn brake complete	244 347		B	Yarn deflector	242 011
1	Support	240 607		1	Support 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				



9.3.3 Left tension axle

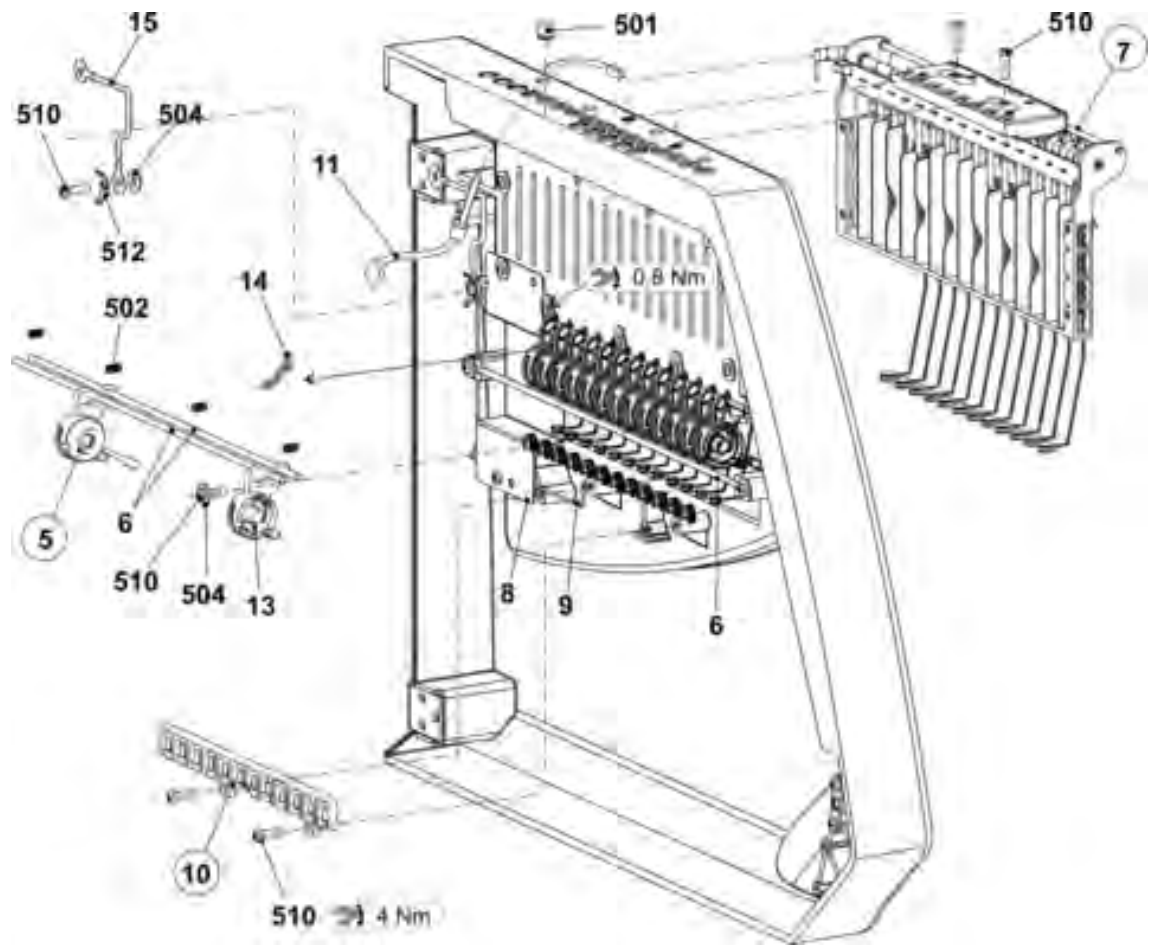
Pos	Designation		Id		Pos	Designation		Id
Σ	Tension axle on the left complete E10-18		241 381			57	Wire bow	238 694
1	Axle		243 107			58	Wire	237 940
2	Tension arm pre-assembled E10 –18		242 771			551	Screw KB 35x12	237 681
5	Thread clamp AKF		238 695			552	Screw KB 40x8	236 227
	51	Housing AKF	238 689			553	Compression spring 0.30x4.50x18.50	241 437
	52	Cover AKF	237 926			554	Grooved pin 2x6	243 172
	53	Sheet metal at the bottom (housing AKF)	240 719		6	Wire bow	238 694	
	54	Lever AKF	238 692		500	Adjusting washer4x8x0 8x14x0,5	023 501	
55	Thrust piece AKF		238 690		501	Circlip		021 022
56	Slider AKF		238 691		502	Grooved pin 2x6		243 172



9.4 Right yarn guide

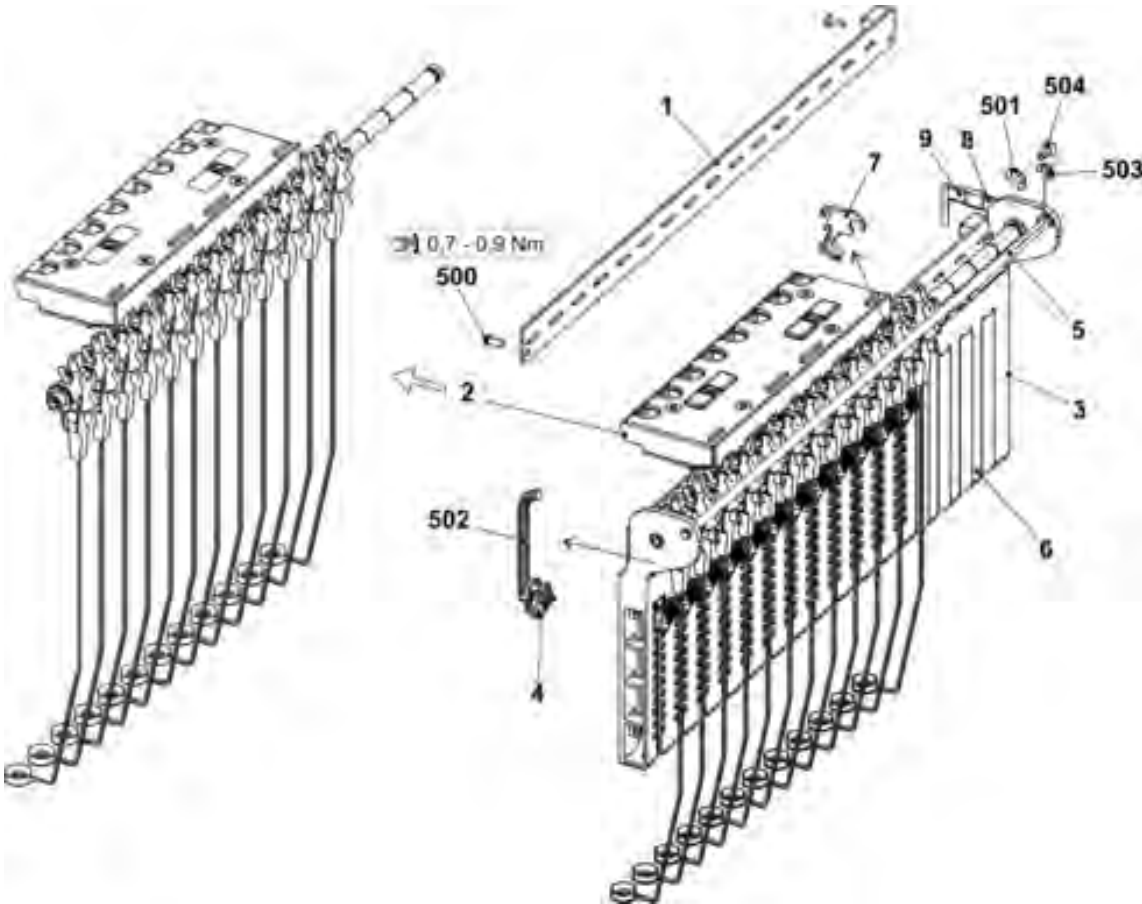
9.4 Right yarn guide

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety cover on the right complete E10-18	241 276	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 E10-18	241 384	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	U-washer 6	022 537
10	Yarn deflector	242 011	510	Screw KB 60x20	237 682
11	Connection cable yarn	240 808	512	Flat connector 2x45° M6	243 117



9.4.1 Right yarn tensioner

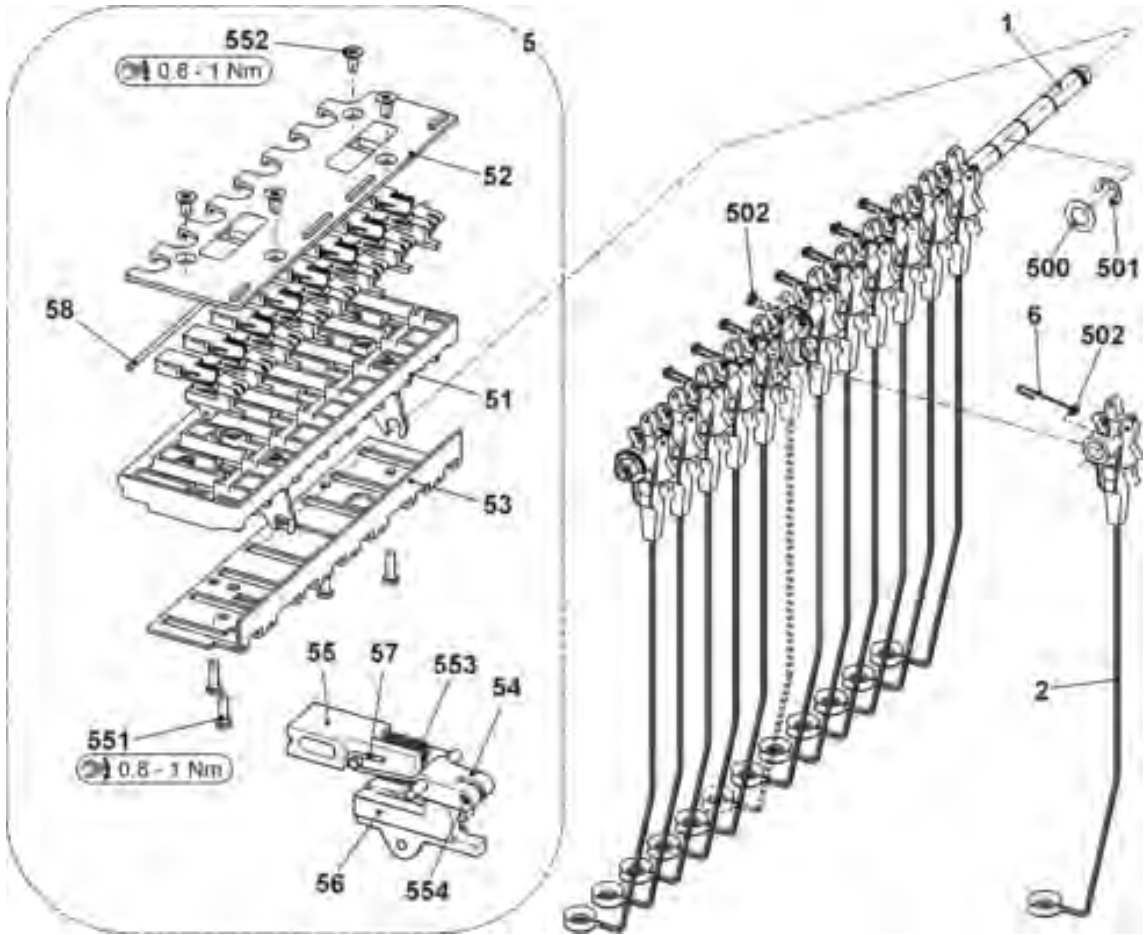
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete E10-18	241 384				
1	Card yarn tensioner 16-fold on the right	241 346		8	Grounding sheet metal of tension axle	243 121
2	Tension axle on the right complete E10-18	241 380		9	Ground cable yarn tensioner	243 105
3	Housing	241 367		500	Cap screws M30x8	236 228
4	Slider	241 694		501	Circlip	021 022
5	Stop point	241 368		502	Tension spring 4.9x0.45x53	023 504
6	Cover	242 268		503	Circlip	021 020
7	Spacer	242 048		504	Countersunk screw M4x10	241 914



9.4 Right yarn guide

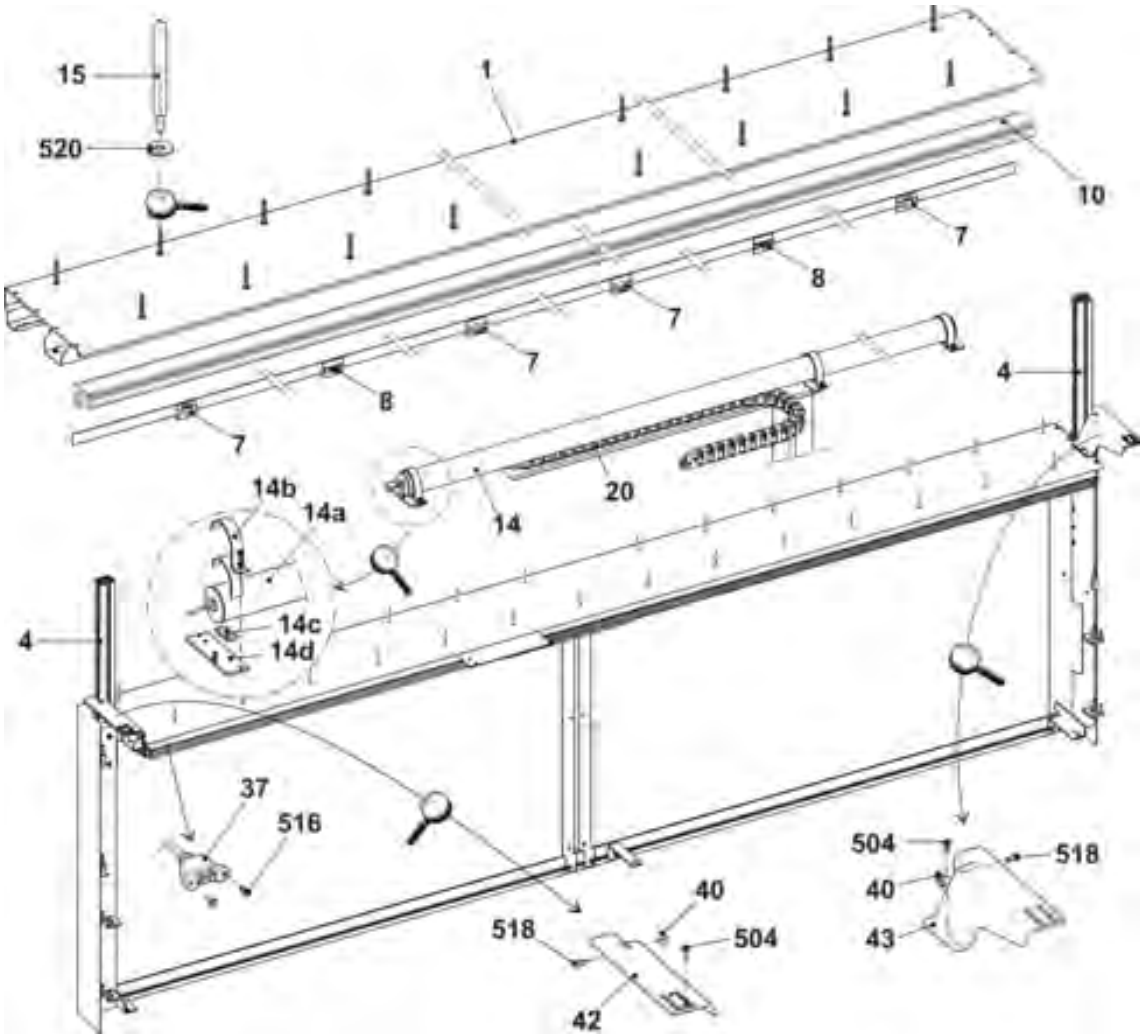
9.4.2 Right tension axle

Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle on the right complete E10-18	241 380				
1	Axle	243 107		57	Wire bow	238 694
2	Tension arm pre-assembled E10 –18	242 771		58	Wire	237 940
5	Thread clamp AKF	238 695		551	Screw KB 35x12	237 681
	51	Housing AKF	238 689	552	Screw KB 40x8	236 227
	52	Cover AKF	237 926	553	Compression spring 0.30x4.50x18.50	241 437
	53	Sheet metal at the bottom (housing AKF)	240 719	554	Grooved pin 2x6	243 172
	54	Lever AKF	238 692	6	Wire bow	238 694
	55	Thrust piece AKF	238 690	500	Adjusting washer4x8x0 8x14x0,5	023 501
	56	Slider AKF	238 691	501	Circlip	021 022
				502	Grooved pin 2x6	243 172



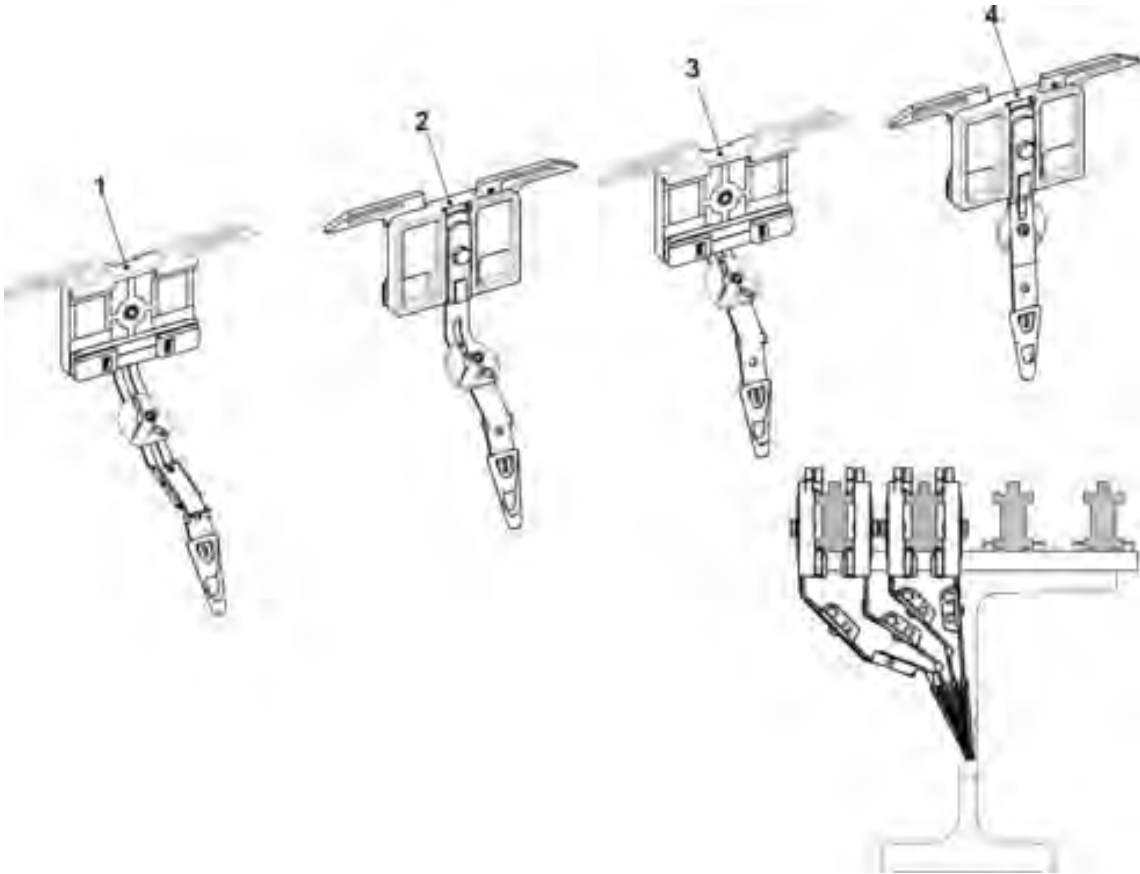
9.5 Bobbin board

Pos	Designation		Id		Pos	Designation	Id
Σ	Table complete		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 protective hood		219 983		37	Cable USB extension	243 070
8	Magnet switch protective hood		220 159		40	Sliding block	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
	A14	Lamp long RL60V - 230 V	212 580		504	Countersunk screw M8x16	023 113
	14b	Clamping bow	209 504		516	Countersunk screw M3x8	023 251
	14c	Cellular caoutchouc 40x20	208 018		518	Countersunk screw M8x18	251 331
	14d	Lamp support	221 951		520	U-washer	020 901



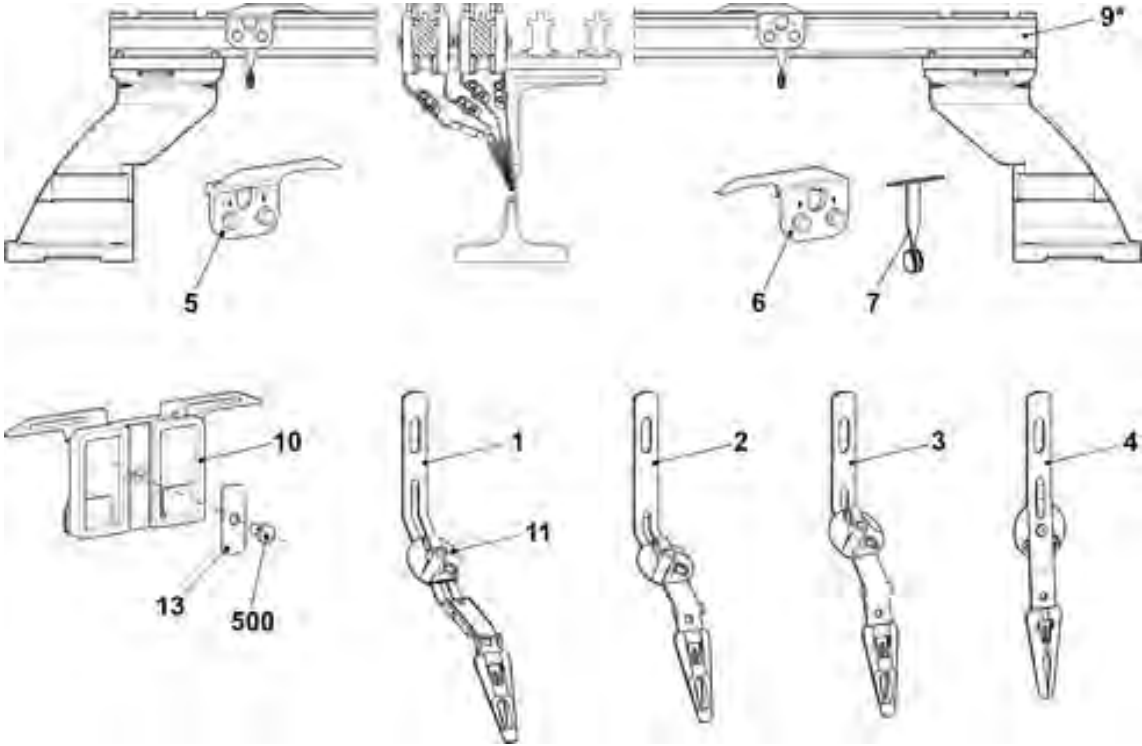
9.6 Complete yarn carriers

Pos	Designation	Track	Id		Pos	Designation	Track	Id
E6.2					E16 E18			
1	YC carriage complete E7-8	1+8	243 939		1	YC carriage complete E16-18	1+8	243 947
2	YC carriage complete E7-8	2+7	243 938		2	YC carriage complete E16-18	2+7	243 946
3	YC carriage complete E7-8	3+6	243 937		3	YC carriage complete E16-18	3+6	243 945
4	YC carriage complete E7-8	4+5	243 936		4	YC carriage complete E16-18	4+5	243 944
E10 E12 E14 E6.2(12m.10) E7.2 E8.2								
1	YC carriage complete E10-14	1+8	243 943					
2	YC carriage complete E10-14	2+7	243 942					
3	YC carriage complete E10-14	3+6	243 941					
4	YC carriage complete E10-14	4+5	243 940					



9.7 Yarn carrier and guide rails

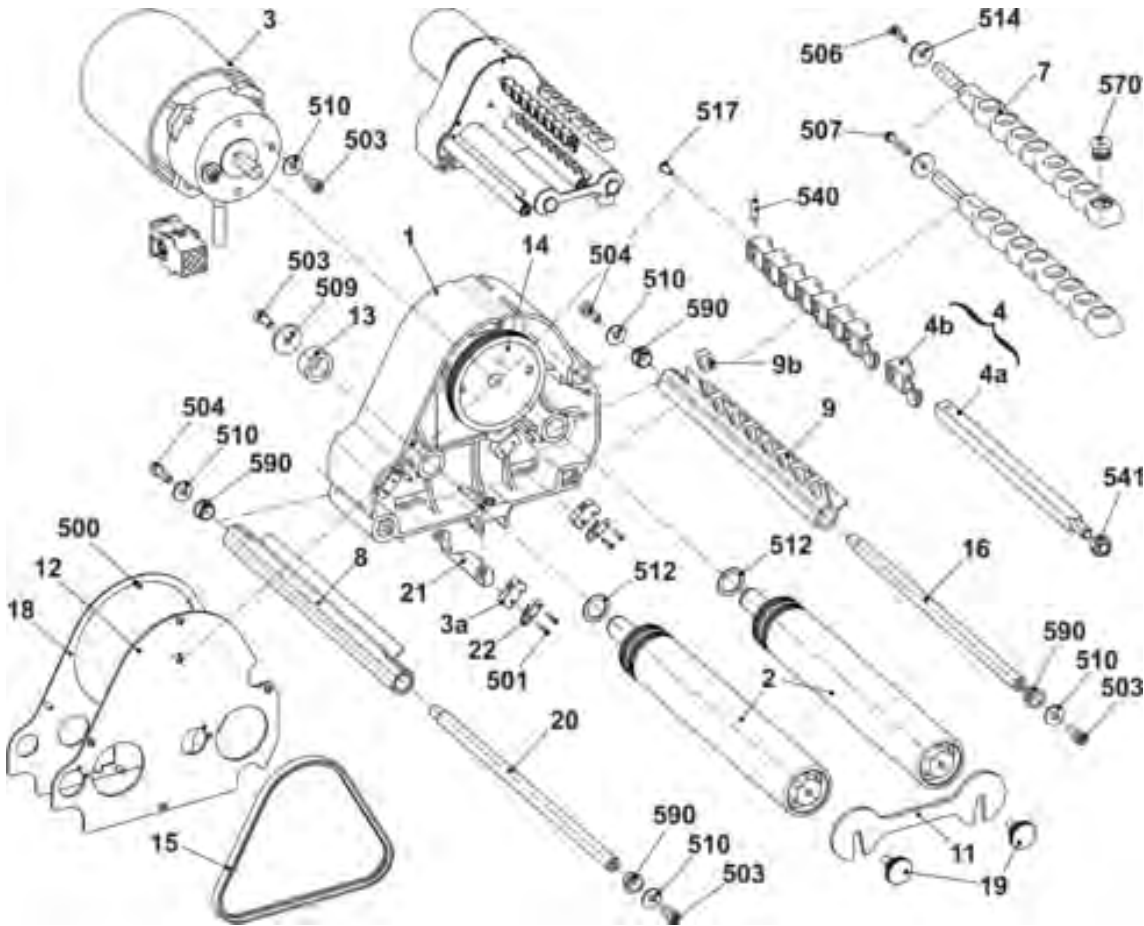
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete		E6.2		
	E6.2	244 004	1	YC bow 1+8 complete E7-8	212 892
	E10 E12 E14 E6.2(12m.10) E7.2 E8.2	244 005	2	YC bow 2+7 complete E7-8	212 914
	E16 E18	244 006	3	YC bow 3+6 complete E7-8	212 925
5	Limiter on the left complete	244 099	4	YC bow 4+5 complete E7-8	212 910
6	Limiter on the right complete	244 098	E10 E12 E14 E6.2(12m.10) E7.2 E8.2		
7	Slider with eyelet	230 709	1	YC bow 1+8 complete E10-14	212 994
9	Yarn carrier rail	255 467	2	YC bow 2+7 complete E10-14	212 996
10	YC carriage complete	243 062	3	YC bow 3+6 complete E10-14	212 995
11	Yarn guide wheel complete	209 257	4	YC bow 4+5 complete E10-14	212 997
13	Shim 0.2x12x75	213 035	E16 E18		
500	Hexagon screw M5x10	020 351	1	YC bow 1+8 complete E16-18	223 199
			2	YC bow 2+7 complete E16-18	223 201
			3	YC bow 3+6 complete E16-18	223 200
			4	YC bow 4+5 complete E16-18	223 202



9.8 Left friction feed wheel

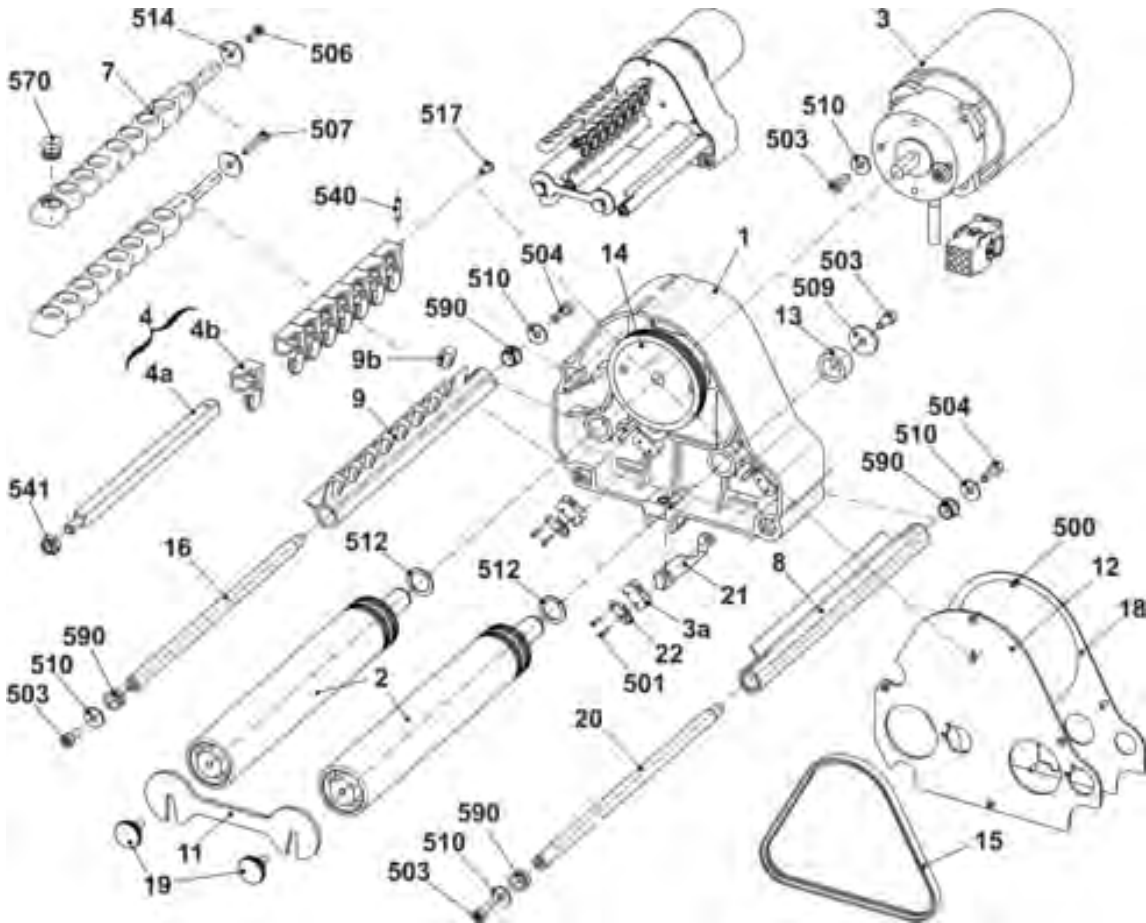
9.8 Left friction feed wheel

Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571	14	Ribbed V-belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt pulley V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase A.C. motor complete		219 800	18	Cover		230 758
	3a	Microswitch	008 664	19	Knurled srew		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 KB 30x8		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	Washer 6.1x9x0.5		023 219
	590	Slide bearing	023 627	510	U-washer 5		020 901
11	Strap		221 316	512	Adjusting washer 15x21x1		023 216
12	Cover		251 098	514	U-washer 4,3		020 908
13	Bush		221 391	517	Pan-head screw M4x8		023 579



9.9 Right friction feed wheel

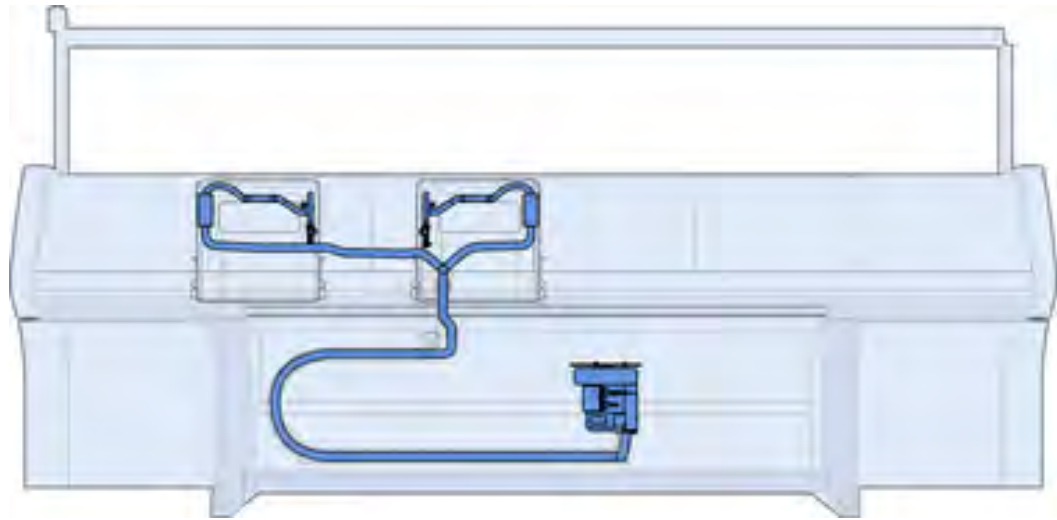
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the right complete		243 572	14	Ribbed V-belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt pulley V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase A.C. motor complete		219 800	18	Cover		230 758
	3a	Microswitch	008 664	19	Knurled srew		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 KB 30x8		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	Washer 6.1x9x0.5		023 219
	590	Slide bearing	023 627	510	U-washer 5		020 901
11	Strap		221 316	512	Adjusting washer 15x21x1		023 216
12	Cover		251 098	514	U-washer 4,3		020 908
13	Bush		221 391	517	Pan-head screw M4x8		023 579



9.9 Right friction feed wheel

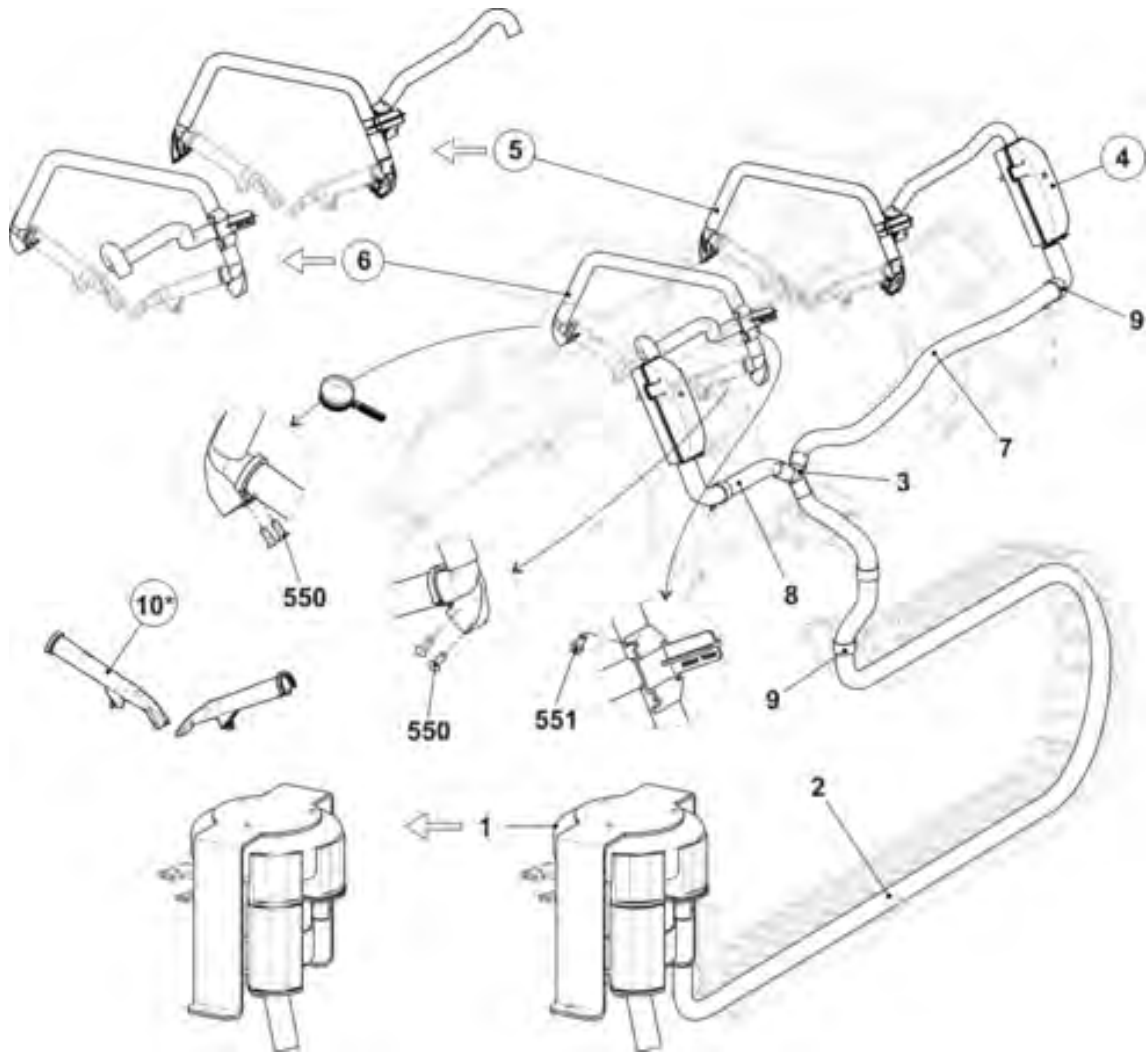
Notes:

10 Fluff absorption



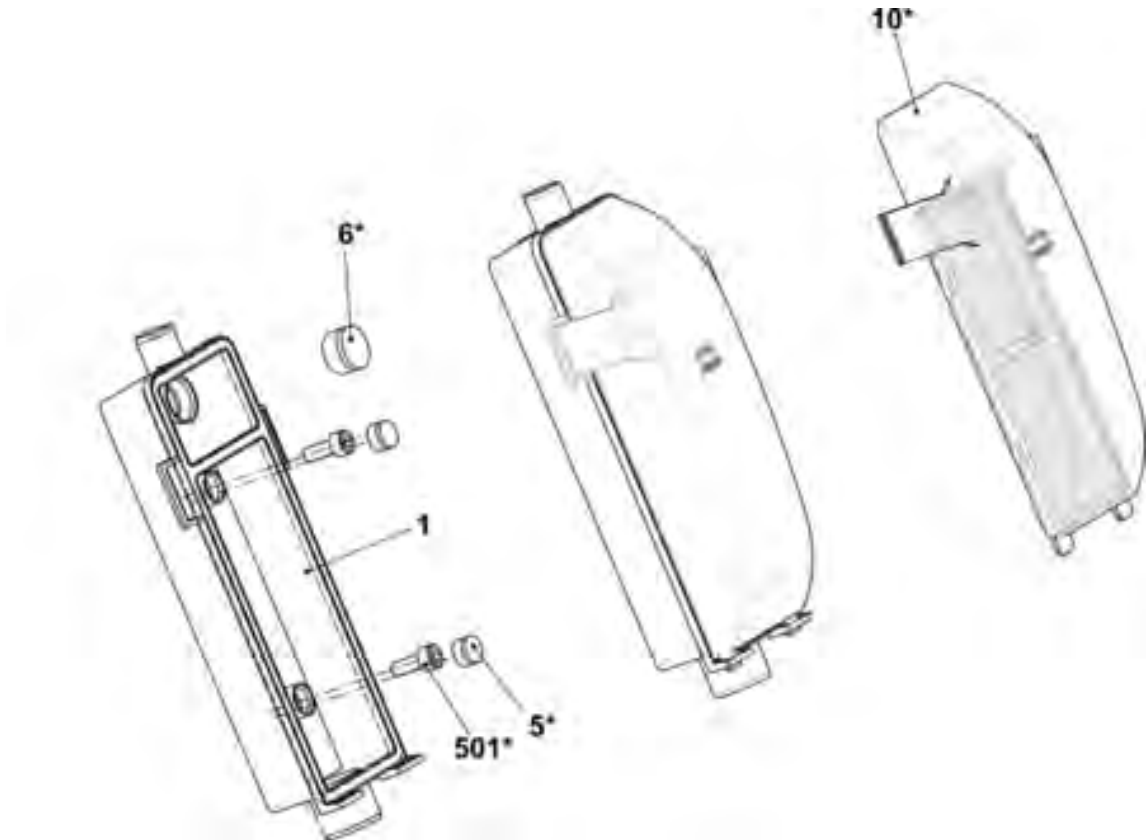
10.1 Fluff absorption

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 E5-14	251 312
4	Lint container	245 024			Suction tube complete E16-18	251 313
5	Set of hose on the left complete	255 070		550	Countersunk head screw M4x8	251 011
6	Set of hose on the right complete	255 072		551	Cap screw M4x8	022 501



10.1.1 Lint container

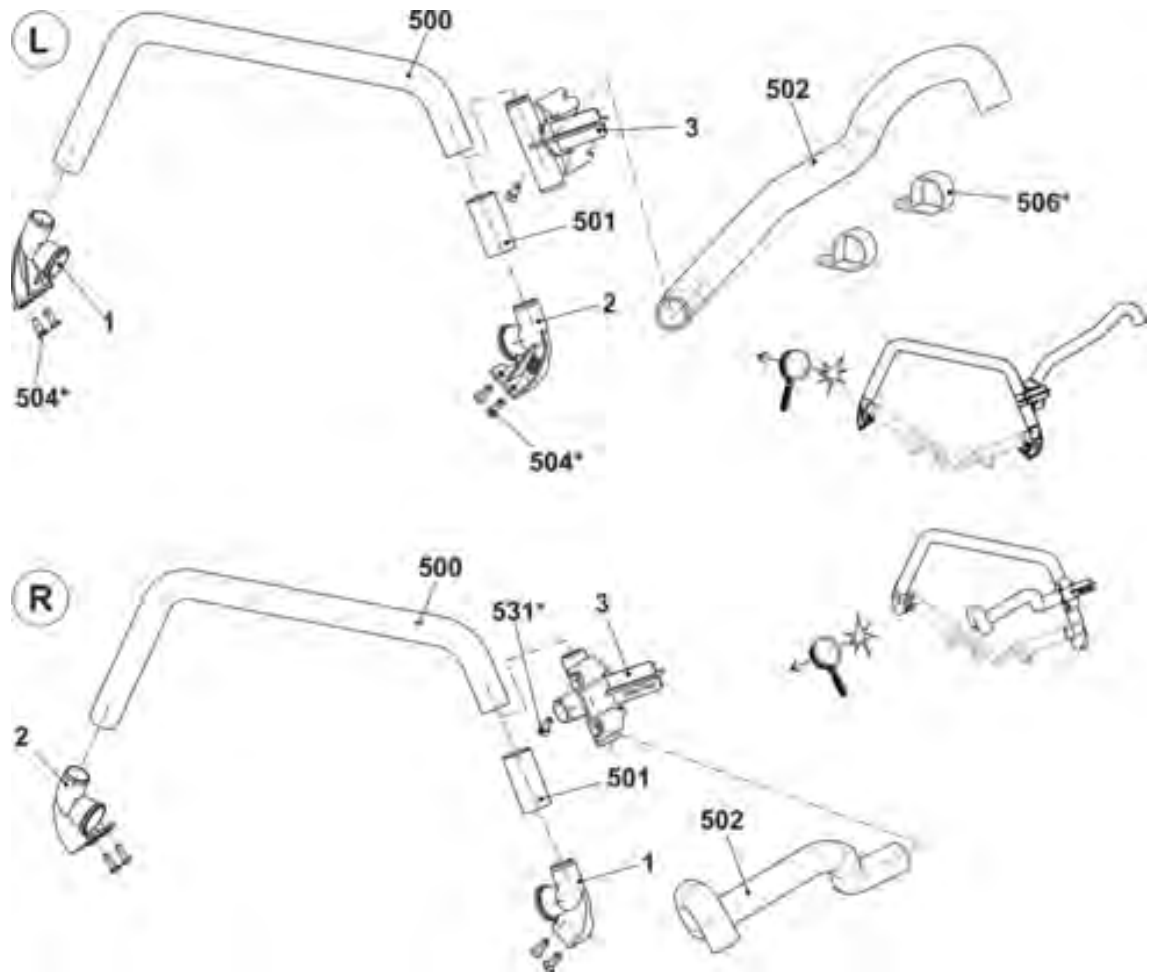
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screw M6x10	023 690



10.1 Fluff absorption

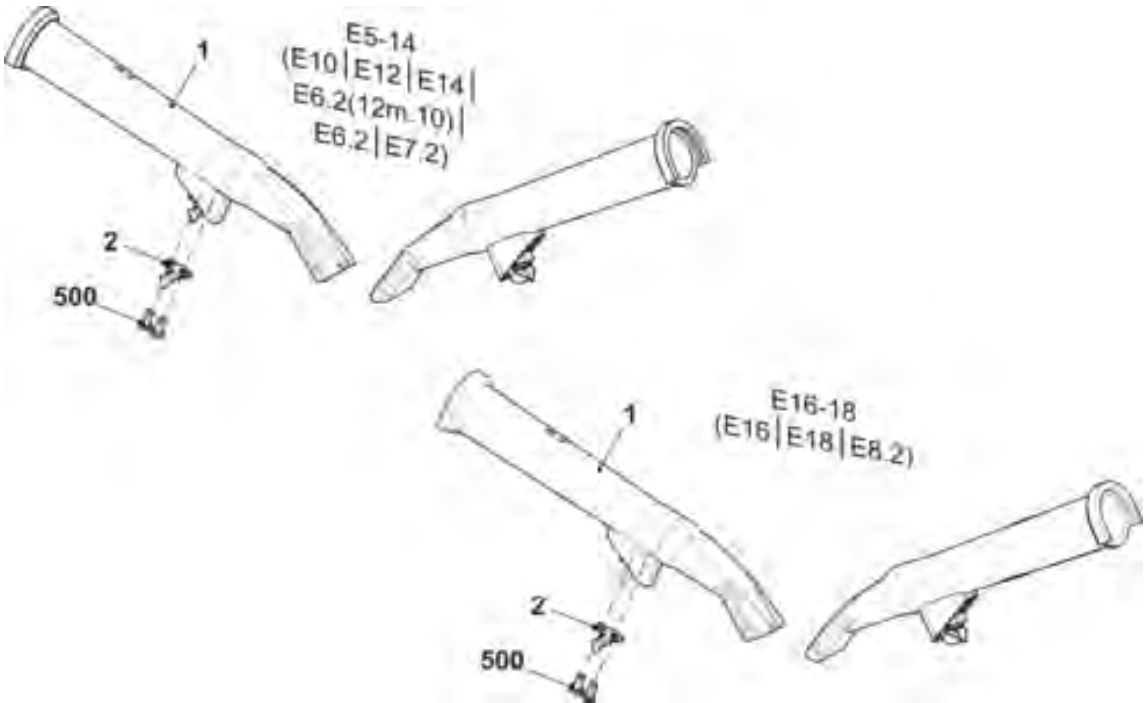
10.1.2 Set of tubes on the left and right

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



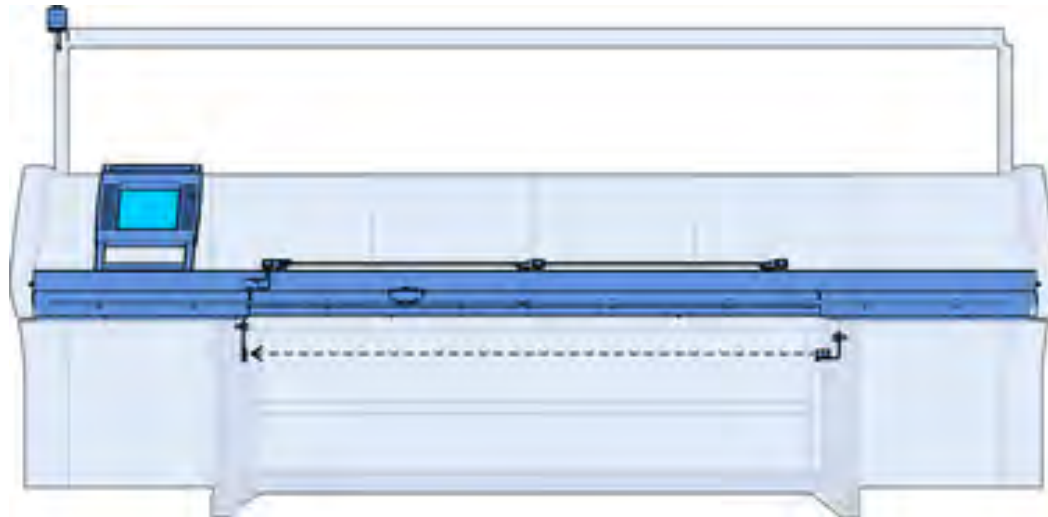
10.1.3 Suction tube

Pos	Designation	Id		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 KB 30x6	241 424		500	Screw KB 30x6	241 424



Notes:

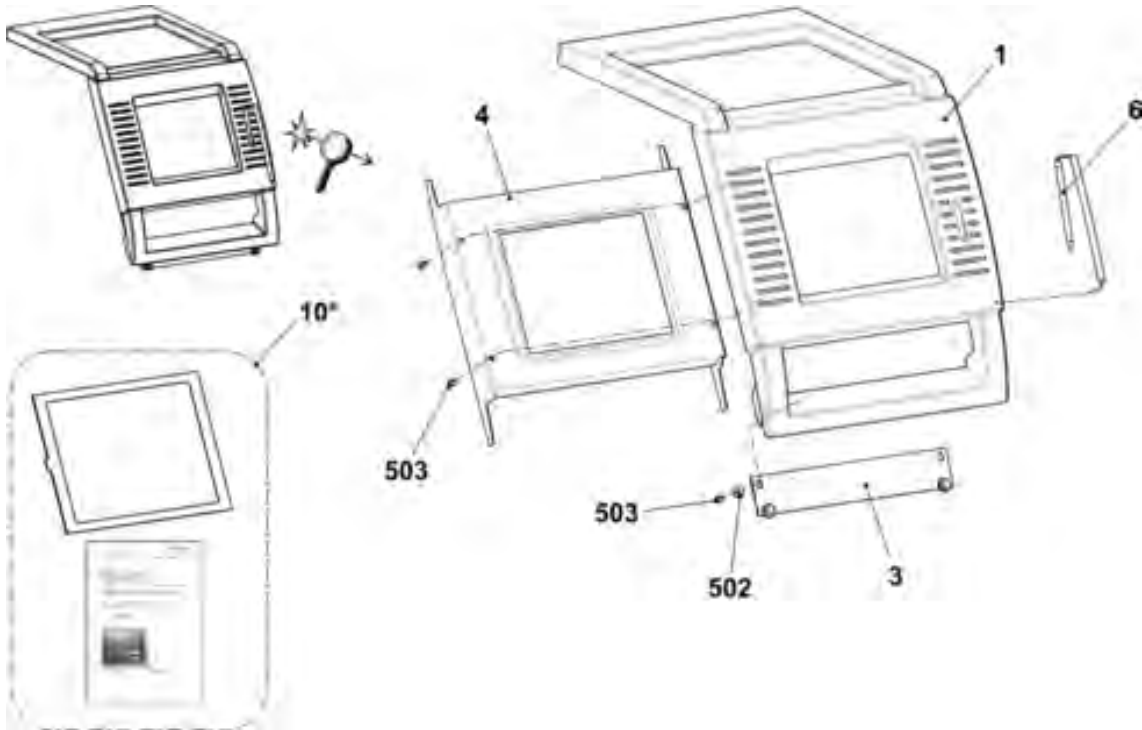
11 Operation and control



11.1 Input unit

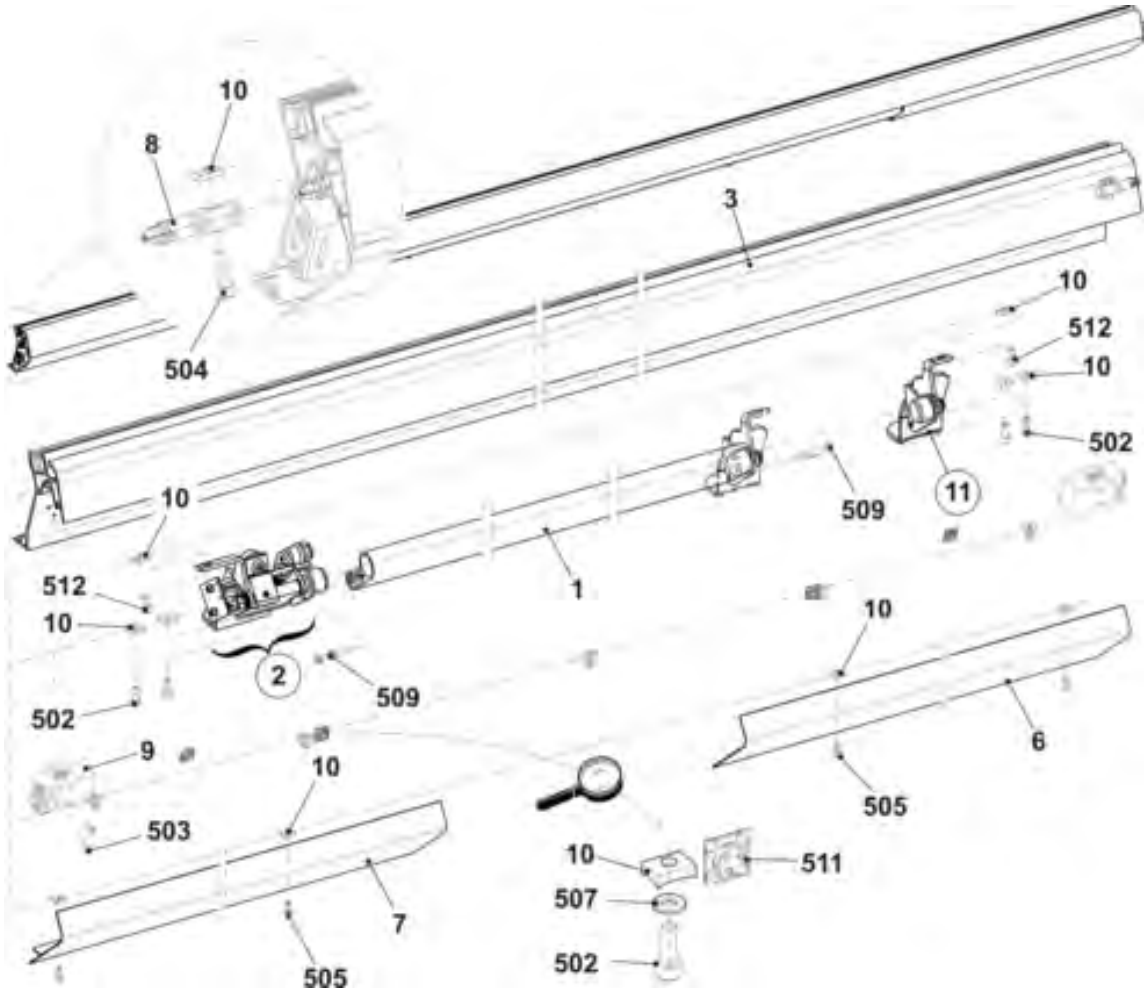
11.1 Input unit

Pos	Designation	Ident No.		Pos	Designation	Ident No.
Σ	Input unit complete	240 194		6	Touch pen	242 812
1	Base frame	240 195		10*	Touch panel spare parts package	244 554
3	Bearing strip complete	240 198		502	U-washer	020 901
4	Display touch complete	250 298		503	Screw KB 50x12	240 359



11.2 Starting unit

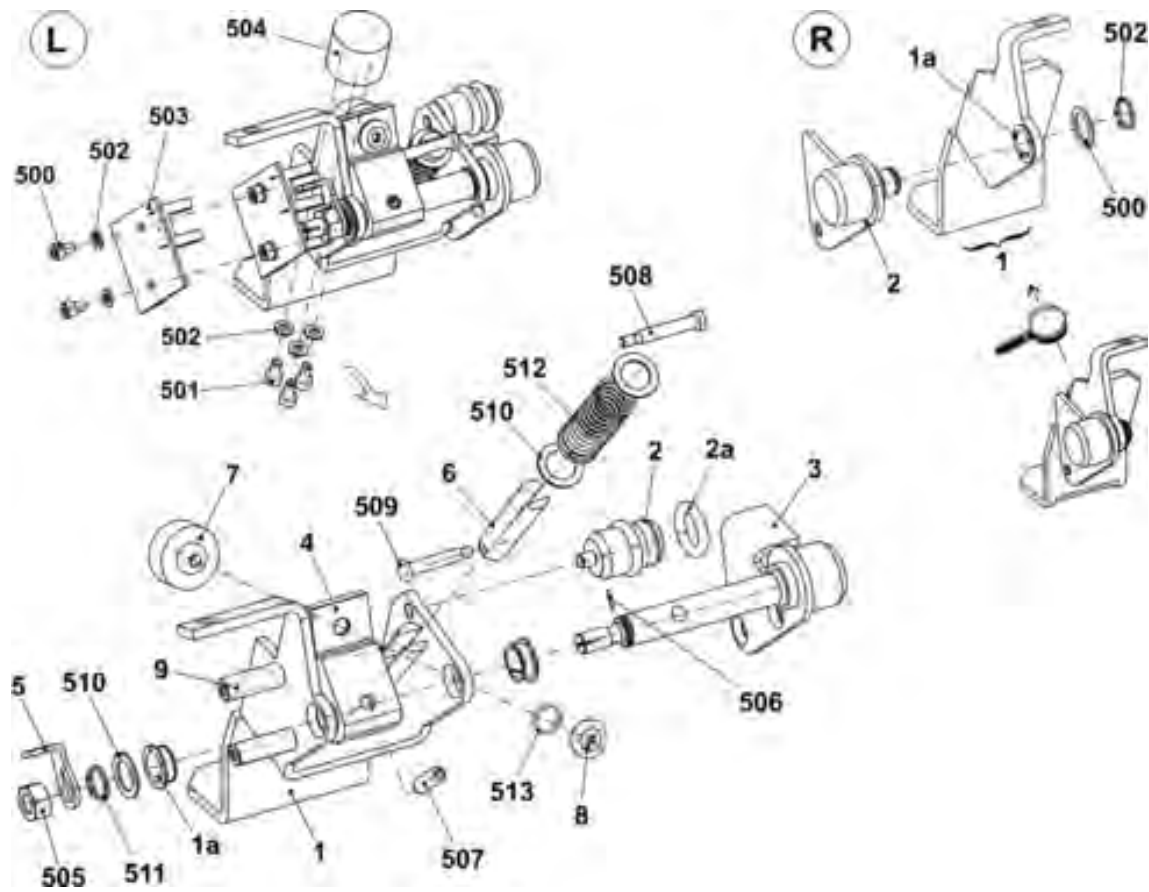
Pos	Designation	Id	Pos	Designation	Id
Σ	Starting unit complete	241 039	11	Bearing on the right complete	252 964
1	Engaging rod	241 030	502	Cap screw M6x16	020 135
2	Bearing on the left complete	250 071	503	Countersunk screw M5x14	023 588
3	Guide rail at the bottom complete	251 227	504	Cap screw M6x20-12.9	020 136
6	Cover plate on the right	251 216	505	Cap screw M6x12	020 134
7	Cover plate on the left	251 217	507	U-washer	020 872
8	Fixing bolt	219 107	509	Screw M6x25	023 510
9	Switch with cable to protective hoods	223 350	511	Adhesive base	243 055
10	Sliding nut (sliding block)	225 099	512	Cap screw M6x10	023 690



11.2 Starting unit

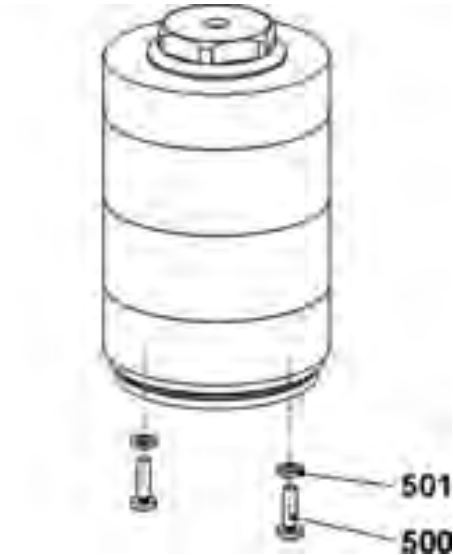
11.2.1 Bearing of the engaging rod

Pos	Designation	Ident No.	Pos	Designation	Ident No.
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M4-6	020 838
1a	Clip bearing MCM12-04	023 639	506	Dowel pin 1.5x8	236 923
2	Support 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	Adjusting washer 12x18x1	023 315
5	Switch flag	245 220	511	Locking ring 12x1	020 951
6	Spring mandrel	251 340	512	Compression spring 1.25x15x98.2	023 609
7	Disc	245 222	513	Compression spring 0.5x11x12	251 369
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4X6	023 067	1	Bearing on the right	240 230
501	Cap screw M4x8	022 501	1a	Clip bearing MCM 12-04	023 639
502	Adjusting washer 4x8x1	023 369	2	Shaft on the right	242 888
503	Card engaging	240 167	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Locking ring 12x1	020 951



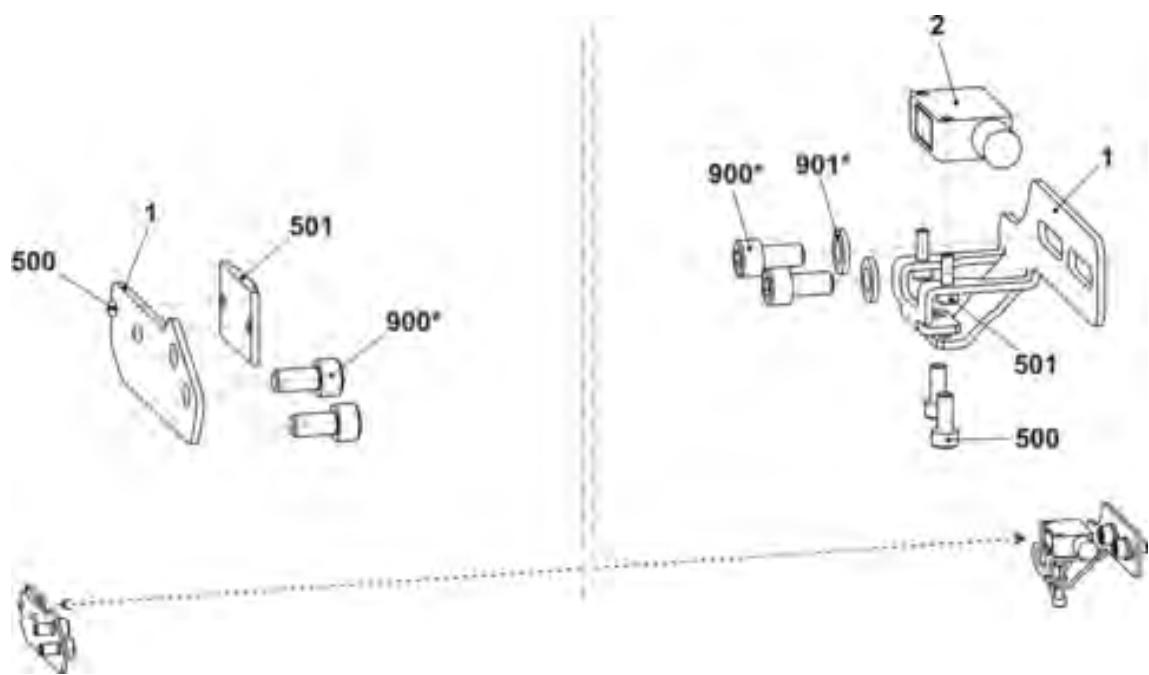
11.3 Signal light

Pos	Designation		Id		Pos	Designation		Id
Σ	Warning light LED		240 395					
	500	Countersunk screw M4x14	023 037					
	501	Serrated lock washer A4.3-FS	022 482					



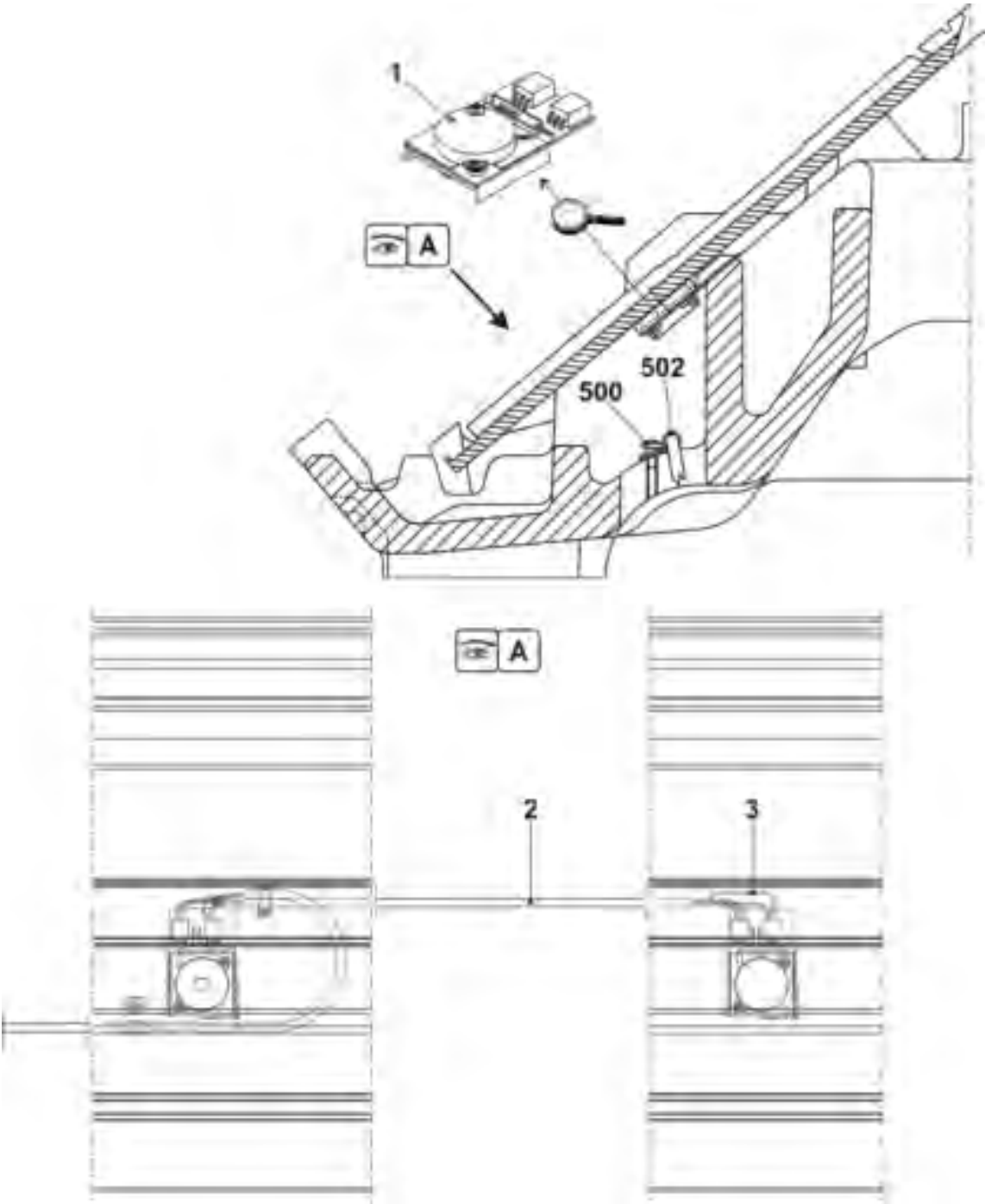
11.4 Collecting area - control

Pos	Designation	Id		Pos	Designation	Id
Σ	Reflector complete	256 826		Σ	Angle support photoelectric sensor	257 409
1	Mounting plate reflector	256 675		1	Support angle	256 806
500	Blind rivet A3x8-Al	023 158		2	Photoelectric sensor WI100-P4330	243 355
501	Reflector 20x20 mm	243 356		500	Cap screw M4x10	023 136
900*	Cap screw M6x12	020 134		501	Cap screw M3x10	022 991
				900*	Cap screw M6x12	020 134
				901*	U-washer 6	020 872



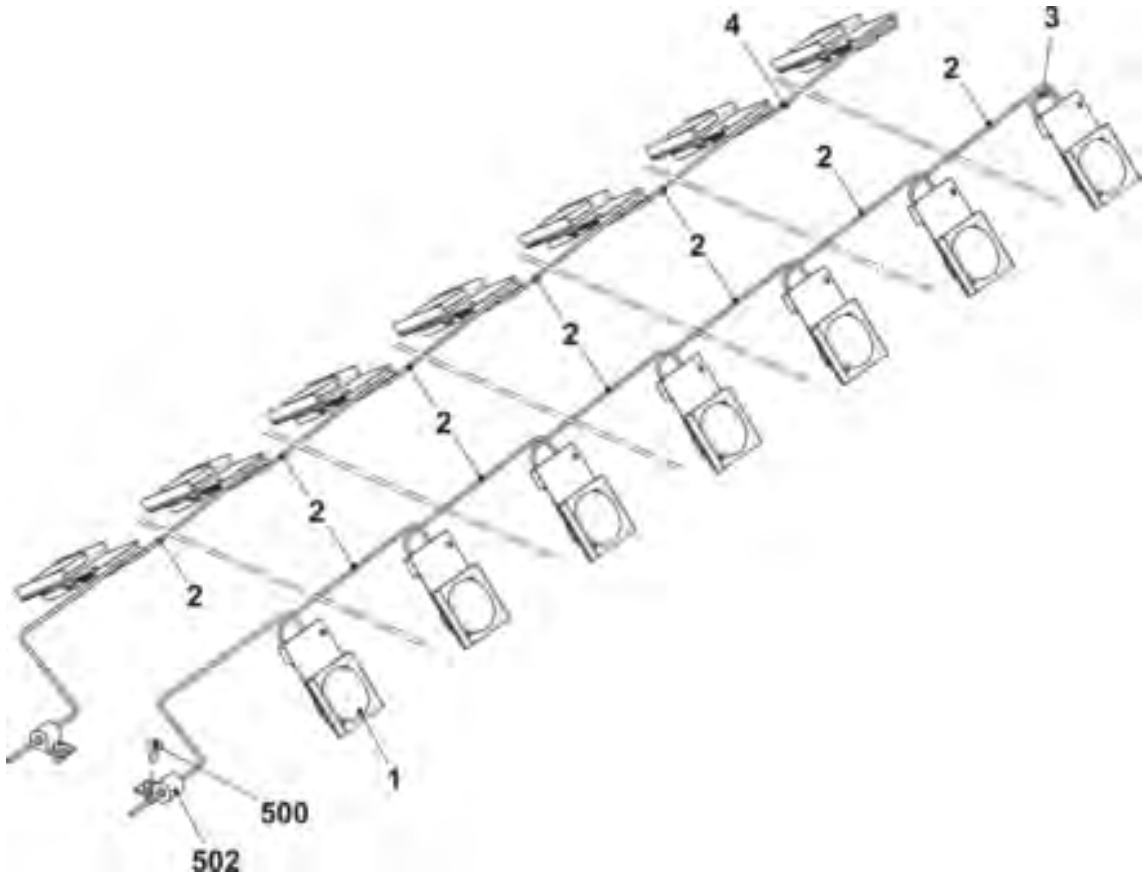
11.5 Shock stop motion
E10|E12|E14|E6.2|E7.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete	223 947		3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011		500	Countersunk screw M4x8	023 036
2	Connecting cable piezo sensor	220 061		502	Cable clip N-3B, 5 mm	210 729



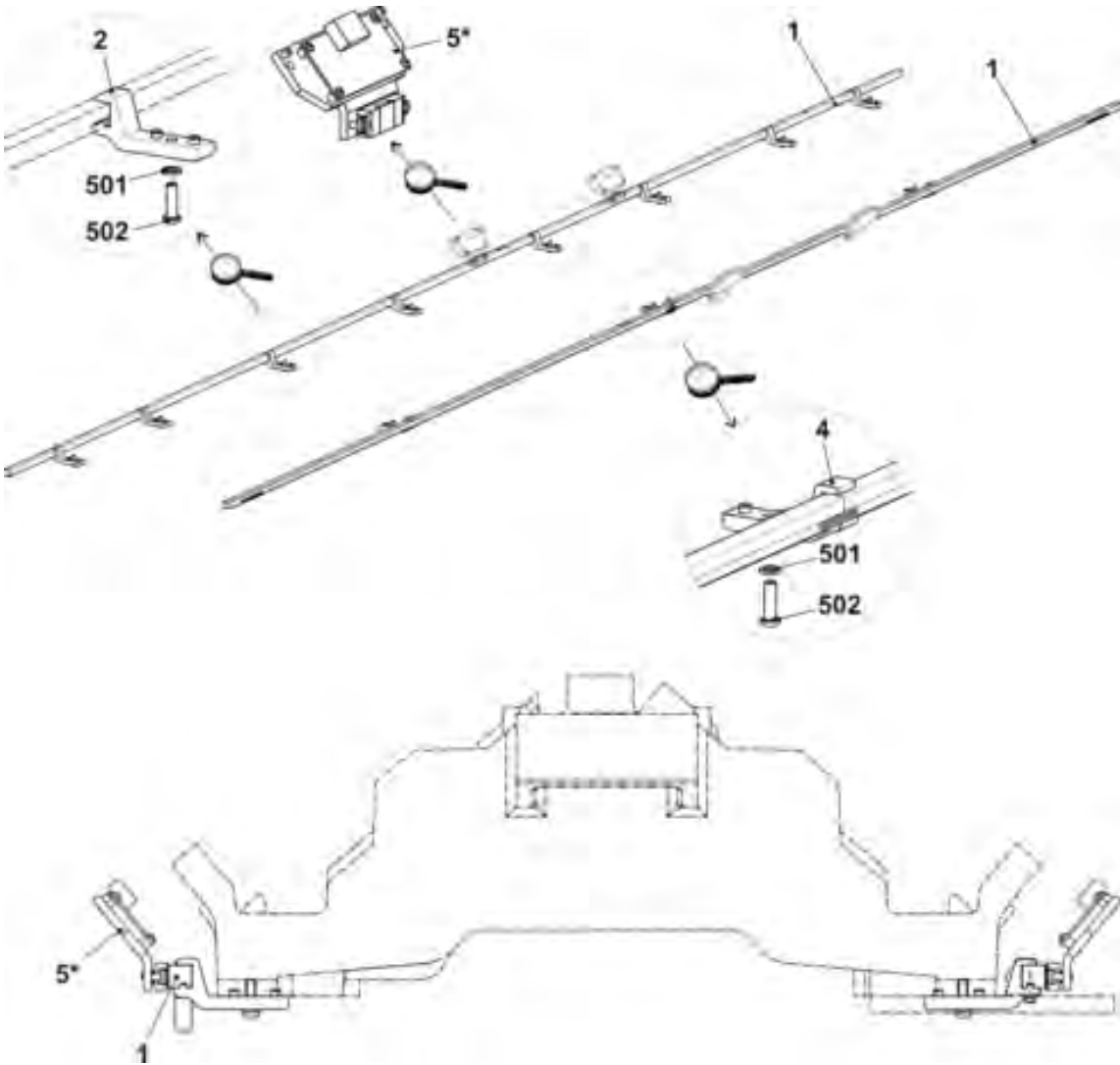
11.6 Shock stop motion E16 | E18 | E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Shock stop motion complete E16 – E18	250 386			
1	Shock stop motion (Piezo)	220 011	4	Cable connection piezo	250 292
2	Cable connection piezo	250 293	500	Countersunk screw M4x8	023 036
3	End plug piezo sensor	220 053	502	Cable clip N-3B, 5 mm	210 729



11.7 Measuring device

Pos	Designation	Id		Pos	Designation	Id
Σ	Measuring device					
1	Measuring bar	241 804		5*	Measuring head complete	240 562
2	Guidance	212 210		501	U-washer 6	020 881
4	Guidance	240 672		502	Countersunk screw M6x20	241 603



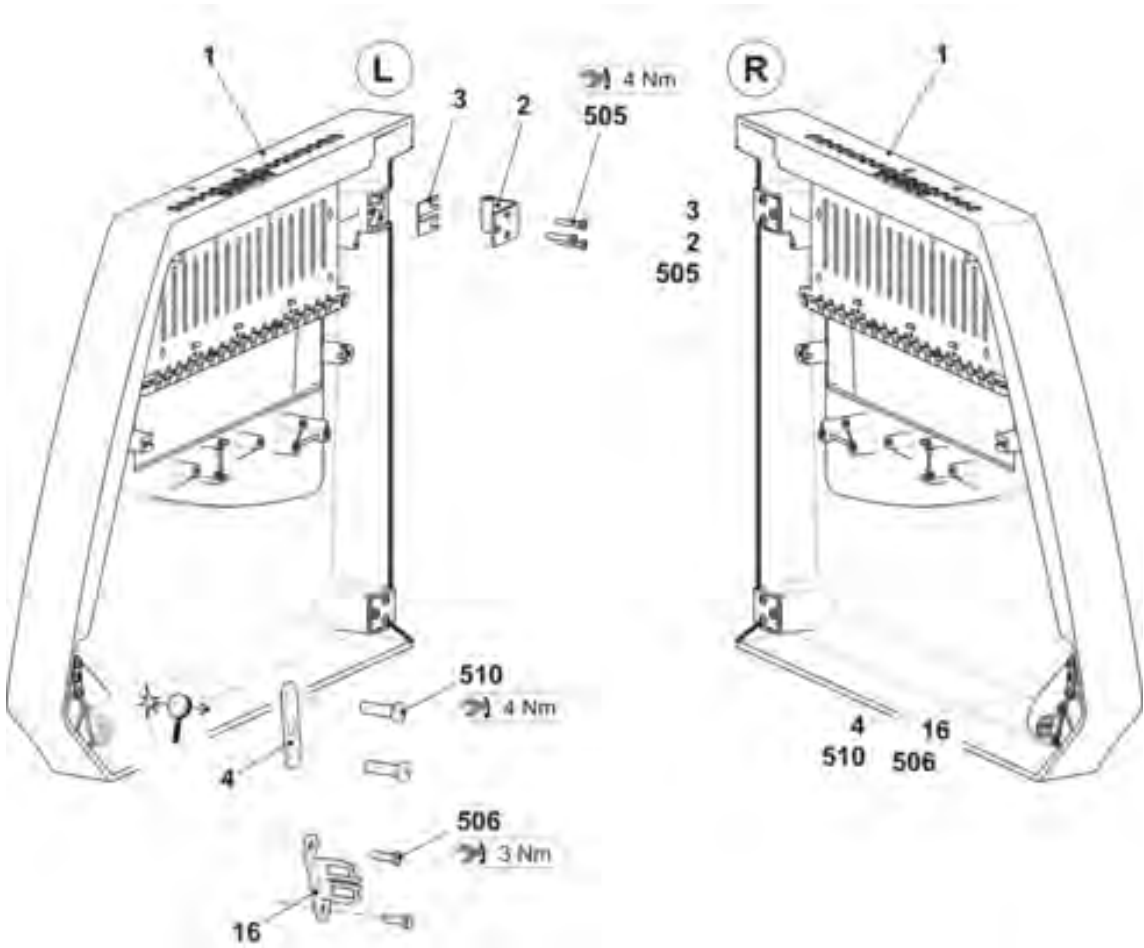
Notes:

12 Protective units



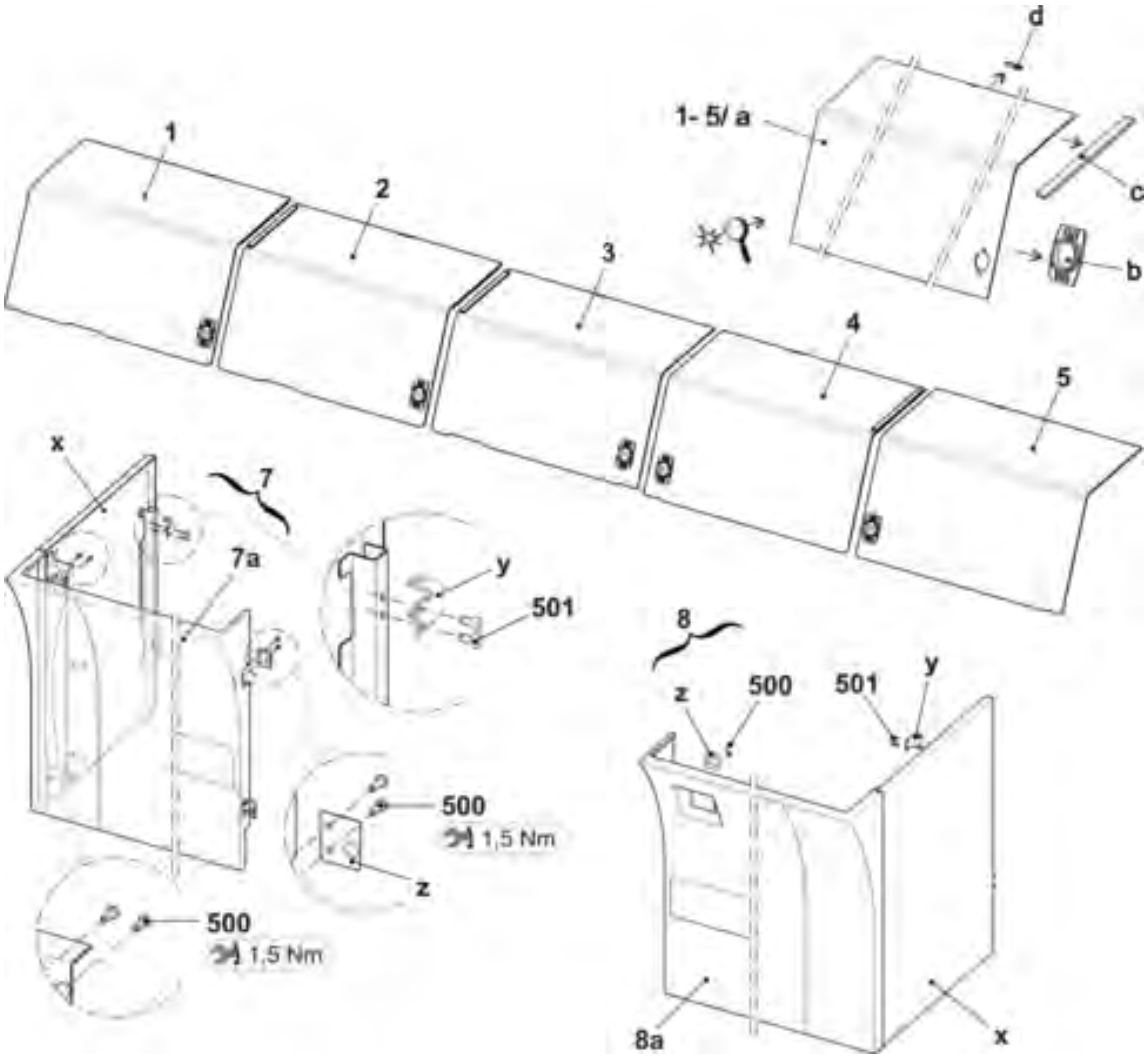
12.1 Lateral safety covers

Pos	Designation	Id		Pos	Designation	Id
Σ	Safety cover on the left			Σ	Safety cover on the right	
1	Safety cover on the left	250 562		1	Safety cover 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	Operator AZ 15/16	255 492		16	Operator AZ 15/16	255 492
505	Screw KB 60x30	237 683		505	Screw KB 60x30	237 683
506	Screw KB40x14	241 358		506	Screw KB40x14	241 358
510	Screw KB 60x20	237 682		510	Screw KB 60x20	237 682



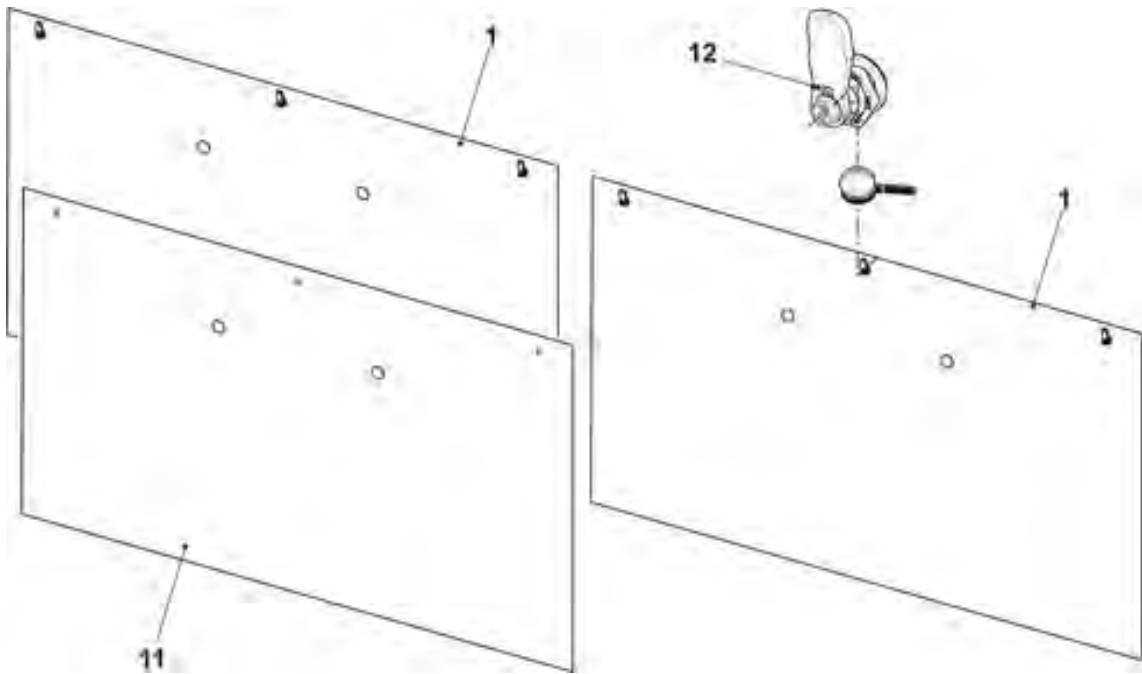
12.2 Panelling

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	Strap	240 412	
						500	Screw KB 50x12		240 359
						501	Cap screw M6x16		020 135

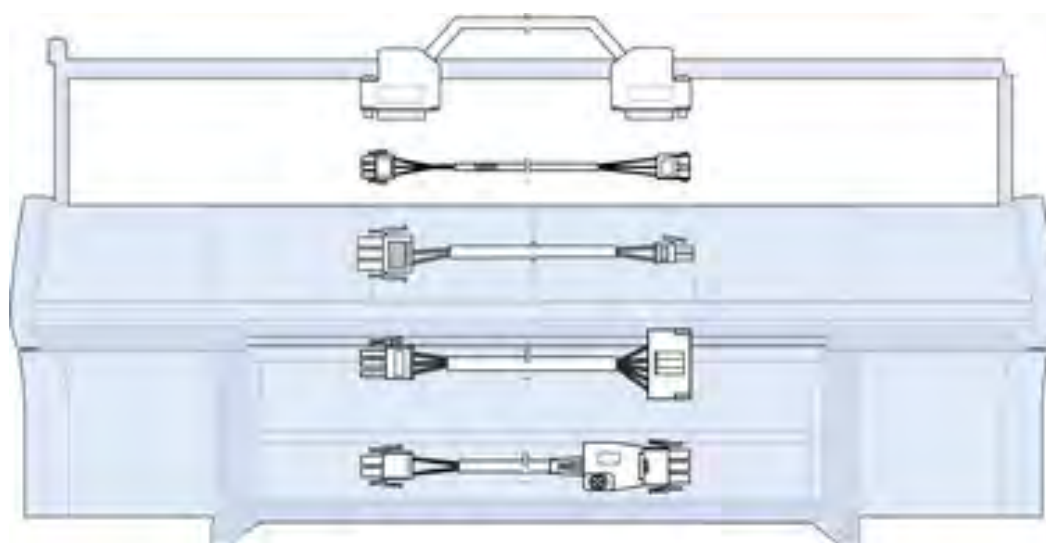


12.3 Rear panel

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



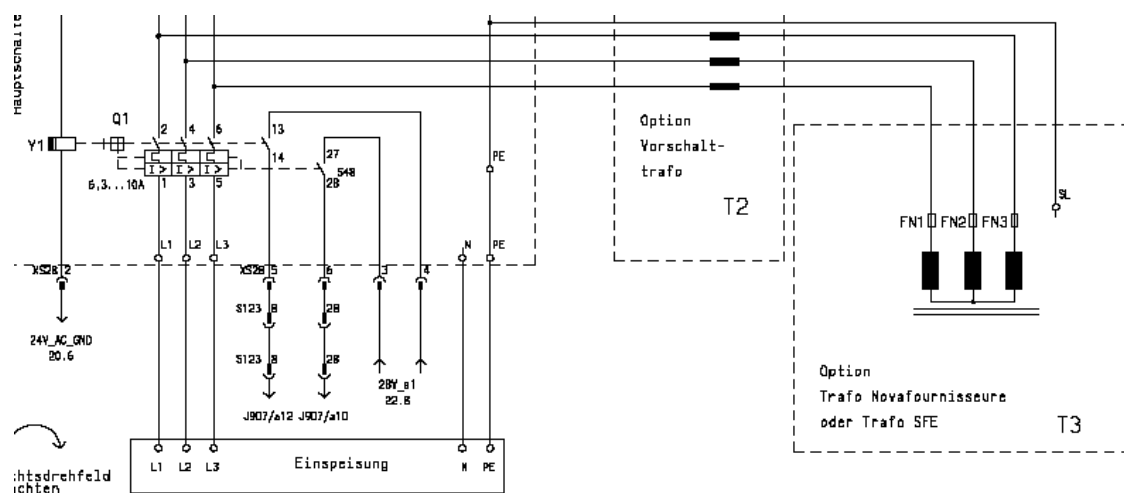
13 Electrical equipment



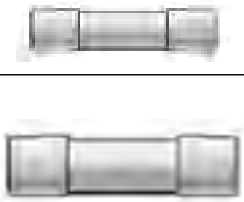
13.1 Circuit diagram (221) as PDF

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

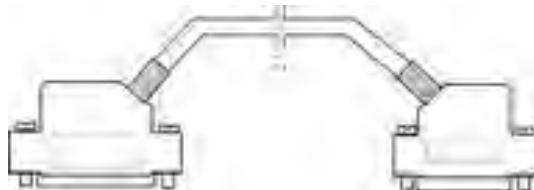
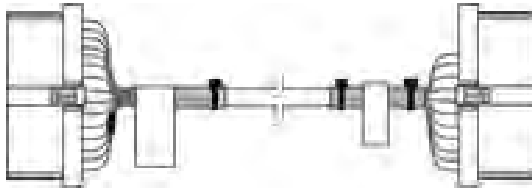
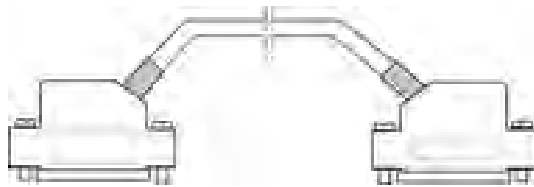
You will find the circuit diagram 221 on the CMS documentation DVD with the ID 257 157



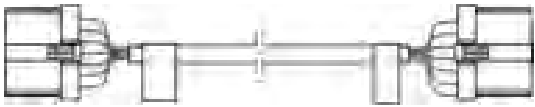
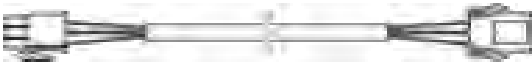
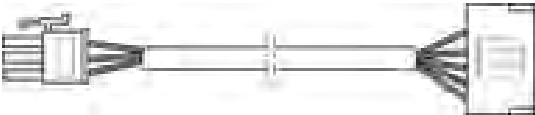
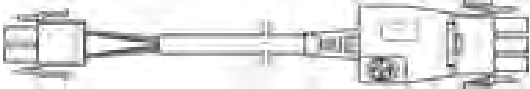
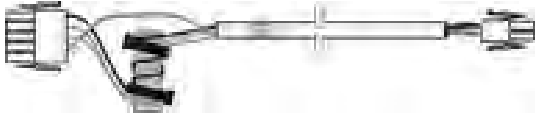
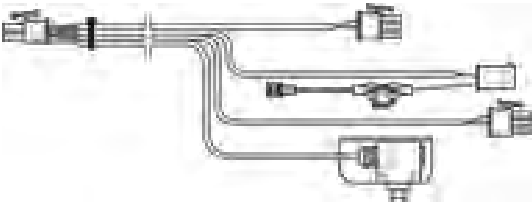
13.2 Fuses

Designation		Ident No.
	Fuse 1.0A F 5x20	008 748
	Fuse 3.15A T/440V 6.3x32	025 261
	Fuse 10A T/440V 6.3x32	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 6.3x32	241 866
	Fuse 12.5A T/440V 6.3x32	232 367

13.3 Trailing cable

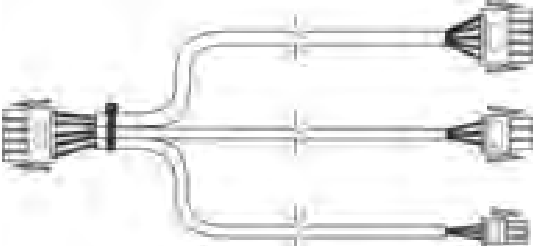
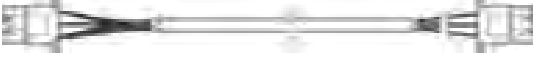
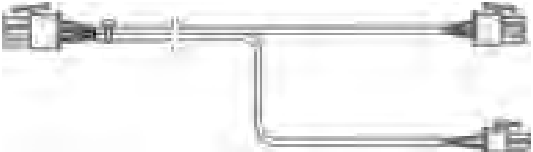
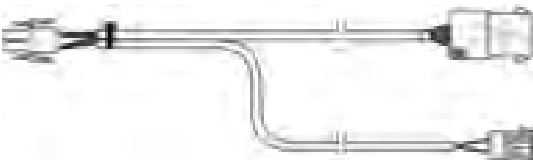
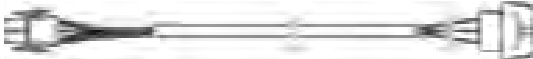
Designation	Id		Designation	Id	
Cable impulse giver at the rear on the right XL136	242 285		Cable SM rear left XL321	255 195	
Cable impulse giver at the front on the right XL137	242 286		Cable SM front left XL323	255 197	
Cable impulse giver at the rear o the left XL138	242 287		Cable SM rear right XL325	255 199	
Cable impulse giver at the front on the left XL139	242 288		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

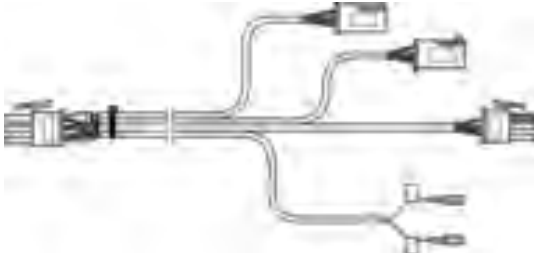
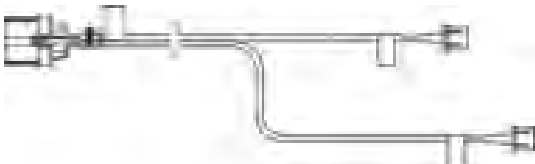
Designation	Id	Designation	Id
Cable Engaging rod	240 289	Cable mains supply FKE lamp	240 290
			
Cable protective unit on the left	253 442	Cable motor HIAB	240 291
			
Cable limit switch racking	240 292	Cable ventilator drive	240 293
			
Cable Feed wheel on the right	240 294	Cable Drive motor	240 295
Cable Feed wheel on the left	240 466	Cable Racking motor	240 297
			
Cable resolver drive	240 296	Cable protective unit on the right	253 441
Cable resolver racking	240 298		
		Cable Electro	240 463
Cable CAN	240 461		
			

13.5 Continuation of cable I

13.5 Continuation of cable I

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

13.6 Continuation of cable II

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

13.6 Continuation of cable II

Notes:

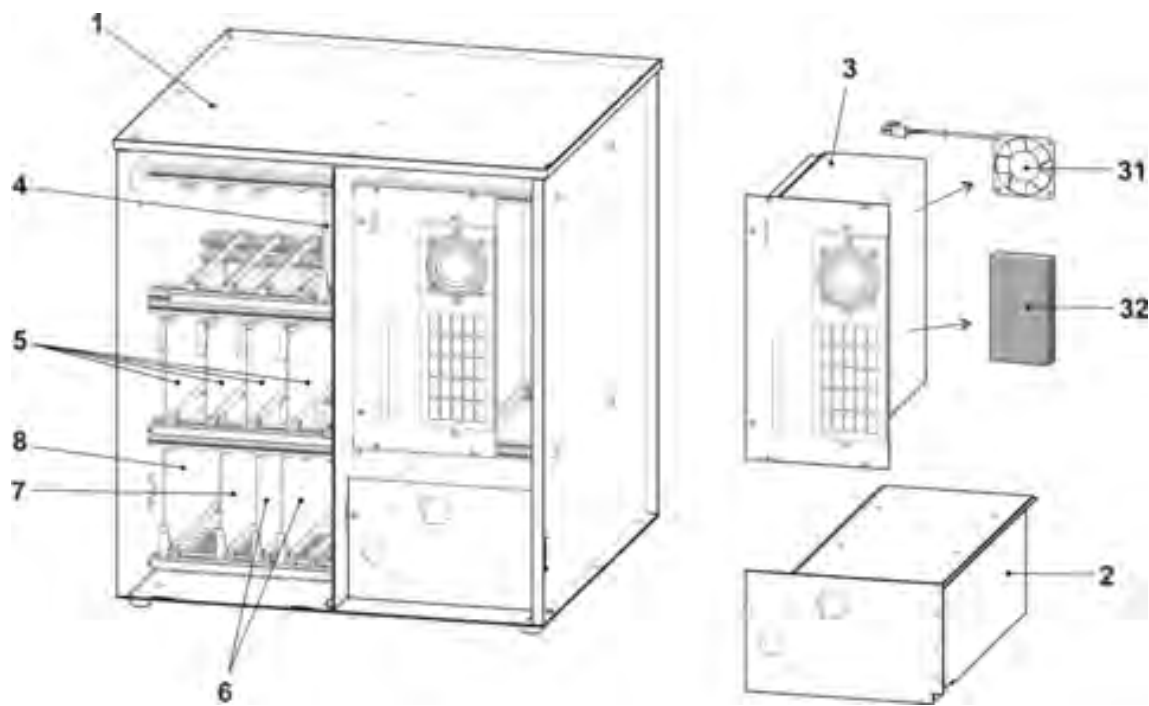
14 Control electronics



14.1 Left control cabinet

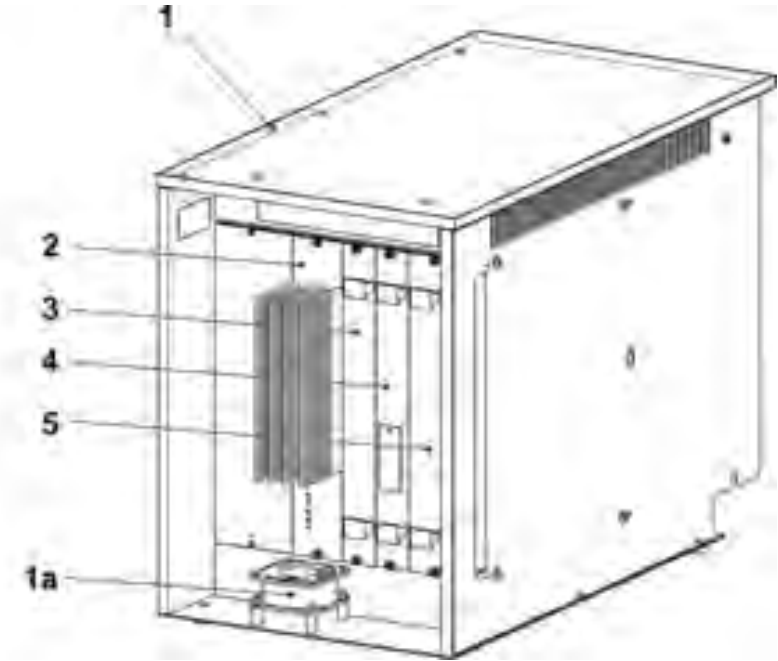
14.1 Left control cabinet

Pos	Designation		Id		Pos	Designation		Id
Σ	Control unit on the left complete		254 866					
1	Control unit on the left without equipment		254 868		4	Battery card		300 951
2	Battery plug-in unit		300 924		5	Card amplifier 4SM 7TE		300 943
3	Power supply unit CG54		300 923		6	Card N-CPU 432		300 965
	31	Ventilator power supply unit	239 305		7	Card power CPU B		301 009
	32	Filter mat CG54	239 350		8	Card IPC-P8X B		301 010



14.2 Right control cabinet

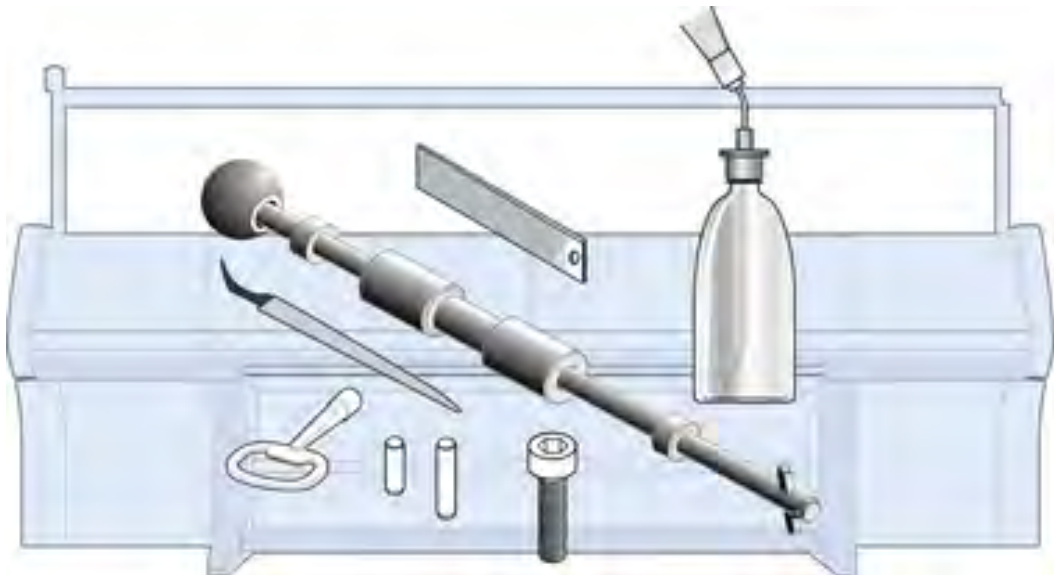
Pos	Designation	Ident No.		Pos	Designation	Ident No.
Σ	Control unit on the right complete	238 738				
1	Control unit on the left without any equipment	238 737		3	Card relay	300 953
1a	Axial fan Servo 5	229 059		4	Card CWAZ	300 929
2	Card servo 6	301 000		5	Card CWAZ capacitor	300 936



14.2 Right control cabinet

Notes:

15 Deliverable accessories



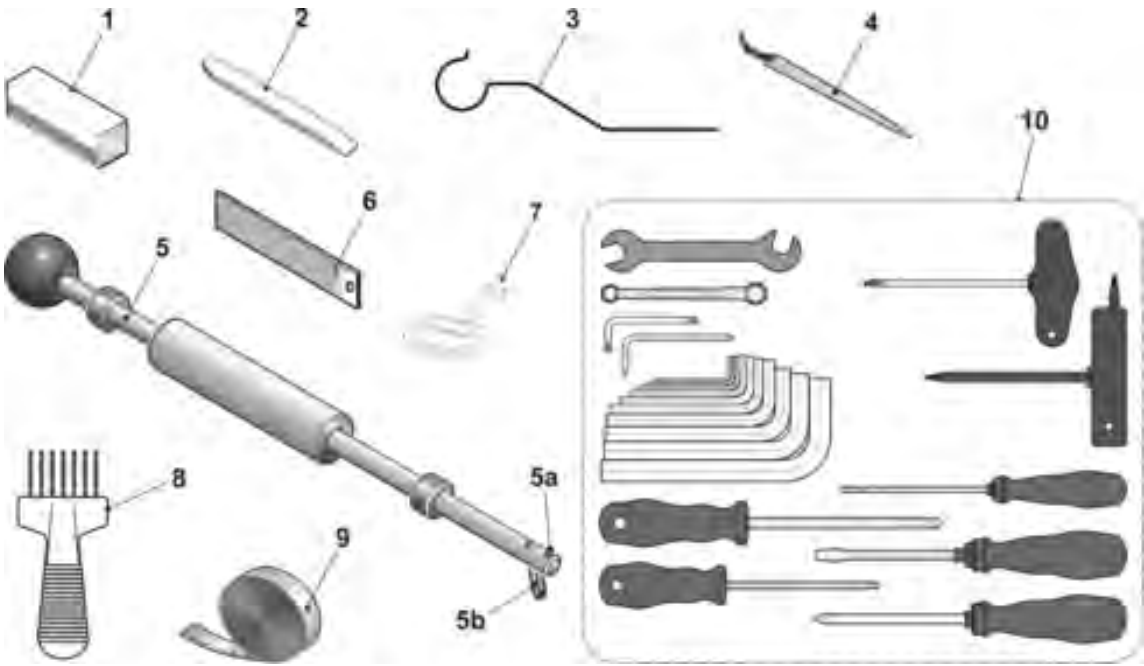
15.1 Fuses

15.1 Fuses

	Designation	ID
	Visible type fuse F1.0 A	008 748
	Fuse 3.15 A T/440V 6.3x3.2	025 261
	Fuse 10 A T/440V 6.3x3.2	025 258
	Fuse 2.5 A T/440V 6.3x3.2	217 465
	Fuse 1.6 A T/440V 6.3x3.2	236 229
	Fuse 6.3 A T/440V 6.3x3.2	026 809
	Fuse 8 A T/440V 6.3x3.2	241 866
	Fuse 12.5 A TT 6.3x3.2	232 367

15.2 Tool

Pos	Designation		Id		Pos	Designation	Id
1	Channel support E10		062 314		6	Groove file 0.90 mm E10-12, E6.2	006 175
	Channel support E12, E6.2		062 315			Groove file 0.73 mm 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=150 cm	
5	Extraction hook		232 027	10	Tool kit		209 527
	A5	Small pin	202 843				
	5b	Pin	232 022				



15.3 Lubricating stuff

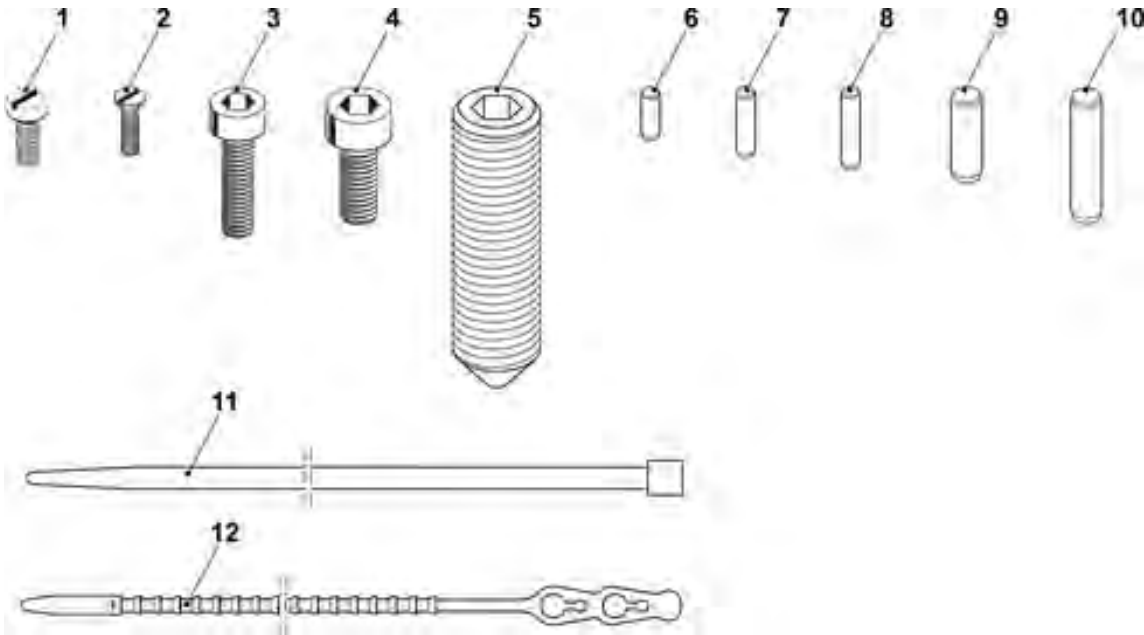
15.3 Lubricating stuff

Pos	Designation	Ident No.		Pos	Designation	Ident No.
1	Textile machines oil T46, 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	Ident No.		Pos	Designation	Ident No.
1	Cap screw M4x8	020 091		11	Cable binder 203x3.6 mm	025 815
2	Countersunk screw M3x6	020 286			Cable binder T50L	026 294
3	Cap screw M5x16	022 726			Cable binder 140x3.6mm	008 379
4	Cap screw M6x14	022 658			Cable binder 302x4.8mm	008 642
5	Set screw M16x50	023 235			Cable binder 92x2.4mm	008 378
6	Setting pin 3x7	020 643		12	Reusable tie ABV 232 320 mm	026 557
7	Setting pin 3x10	020 645				
8	Setting pin 3x12	020 647				
9	Setting pin 5x12	021 988				
10	Setting pin 5x18	022 622				



15.4 Mechanical parts

Notes:

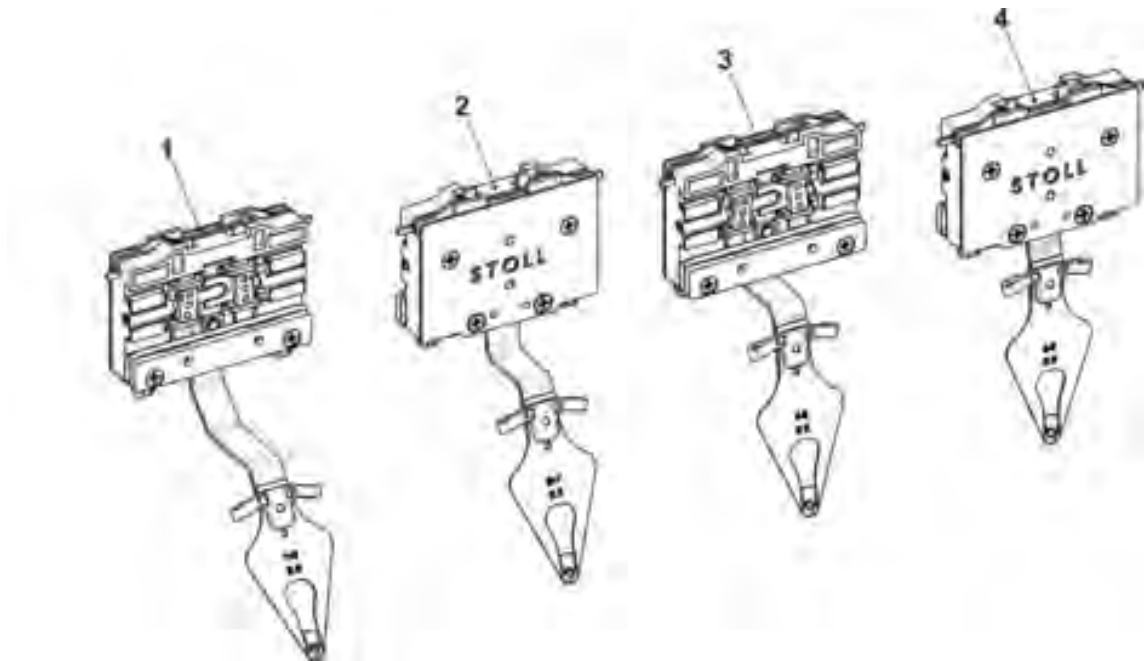
16 Special equipment



16.1 Complete intarsia yarn carriers type 2

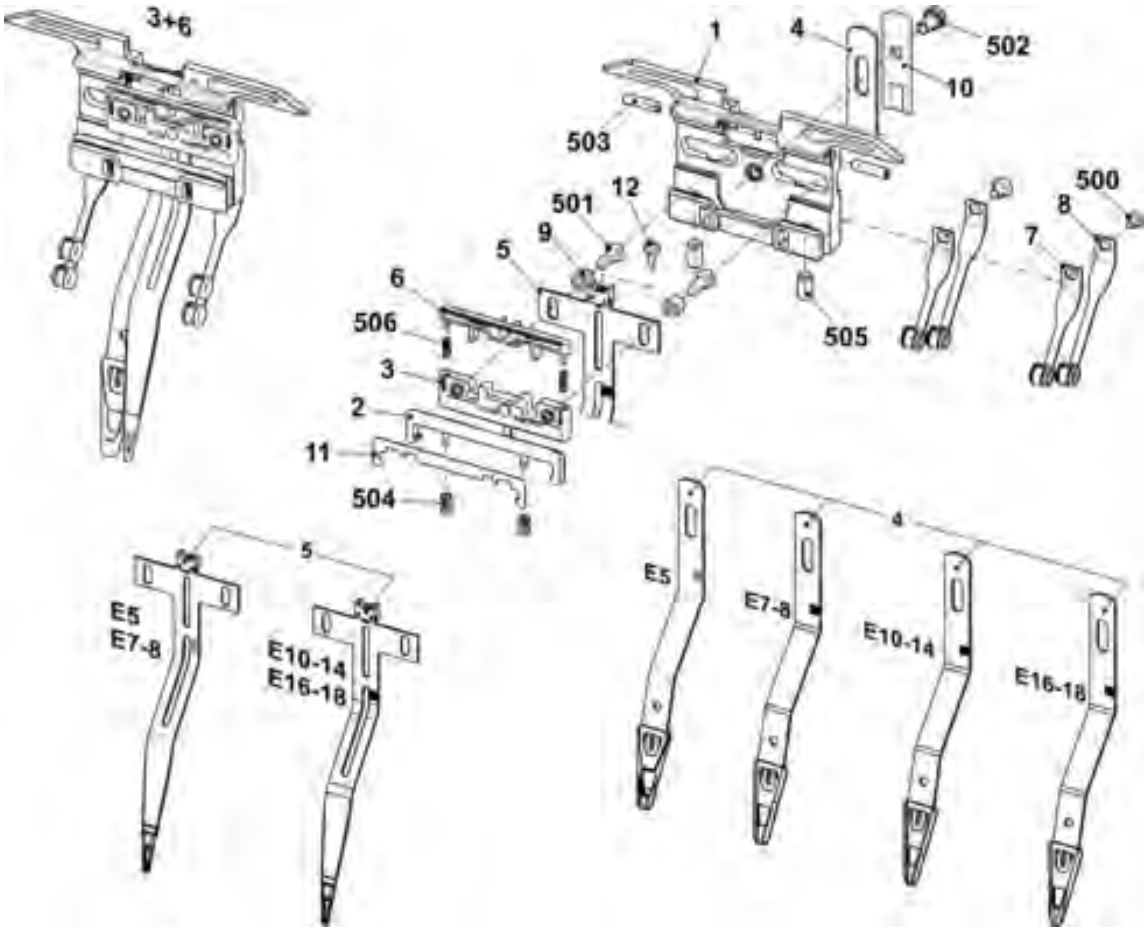
16.1 Complete intarsia yarn carriers type 2

Designation	Gauge	Track	Pos	Ident No.		Designation	Gauge	Track	Pos	Ident No.
IYC carriage complete	E6.2	1 8	1	250 323		IYC carriage complete	E16 E18	1 8	1	250 331
		2 7	2	250 324				2 7	2	250 332
		3 6	3	250 325				3 6	3	250 333
		4 5	4	250 326				4 5	4	250 334
	E10 E12 E14 E7.2 E8.2	1 8	1	250 327						
		2 7	2	250 328						
		3 6	3	250 329						
		4 5	4	250 330						



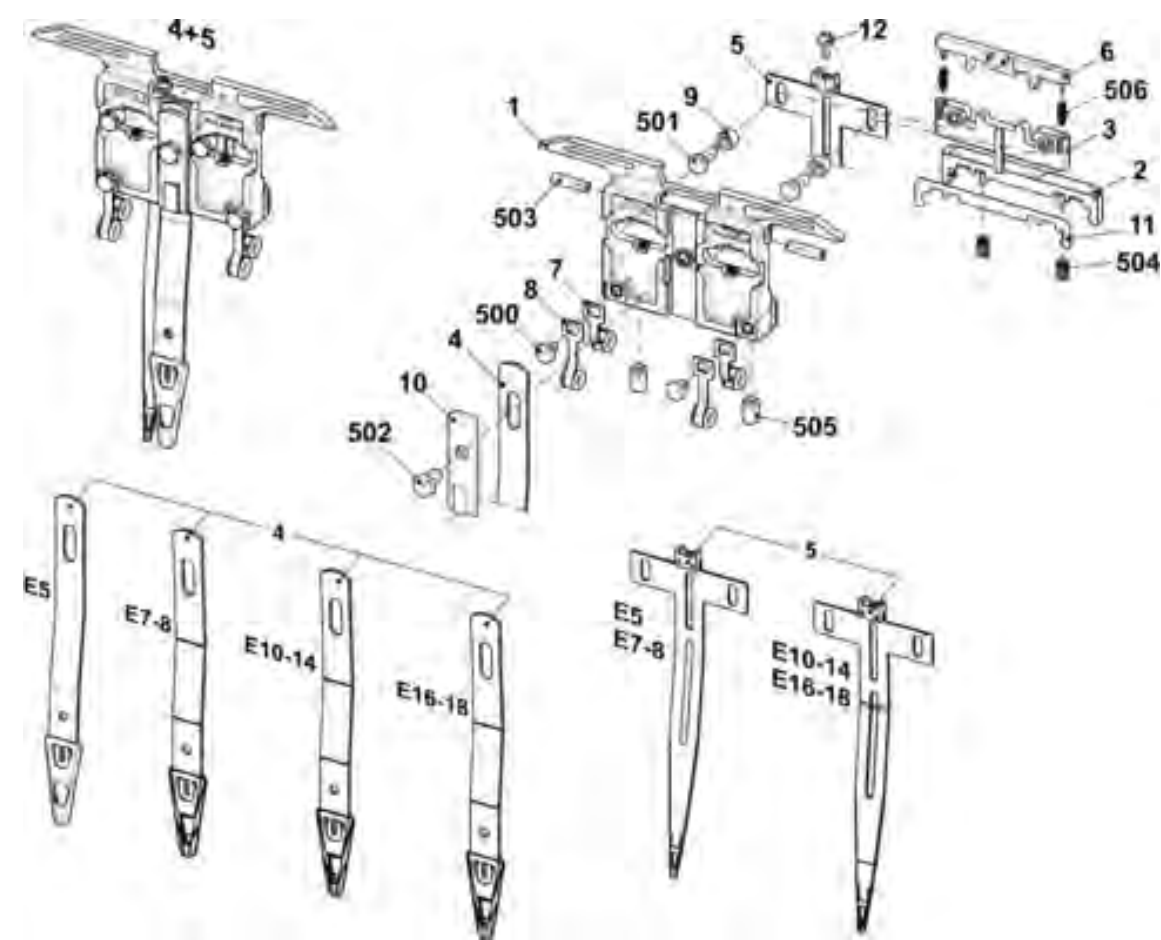
16.2 Plating yarn carrier 3+6

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	Spacer	252 796
1	Plating yarn carrier carriage	252 806	10	Shim 0.2x12x75	213 035
2	Sliding piece	212 583	11	Shim 0.2x12x75	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6 complete		500	Hexagon screw M4x5	243 779
	E6.2	252 821	501	Hexagon screw M4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 822	502	Hexagon screw	252 832
	E16 E18	252 823	503	Set screw 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 E10-18	252 808	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058



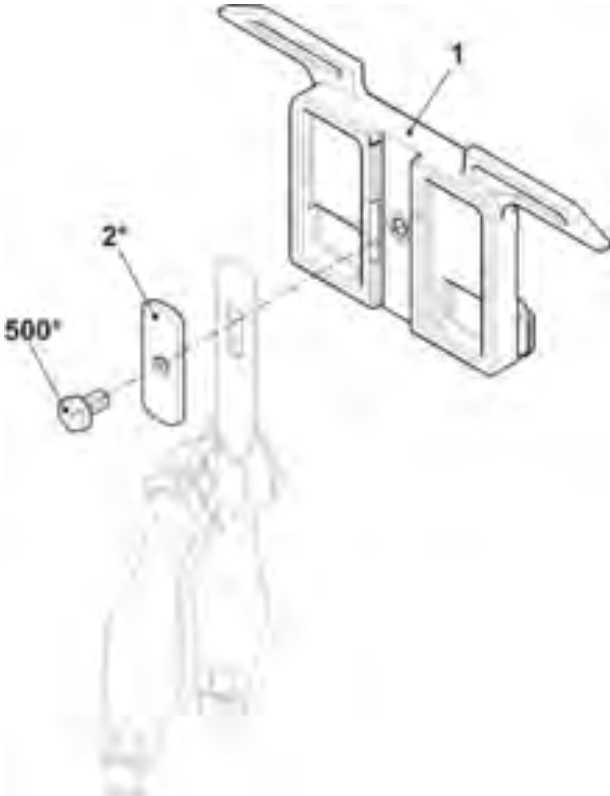
16.3 Plating yarn carrier 4+5

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	Spacer	252 796
1	Plating yarn carrier carriage	252 806	10	Shim 0.2x12x75	213 035
2	Sliding piece	212 583	11	Shim 0.2x12x75	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	Set screw 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 E10-18	252 807	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058



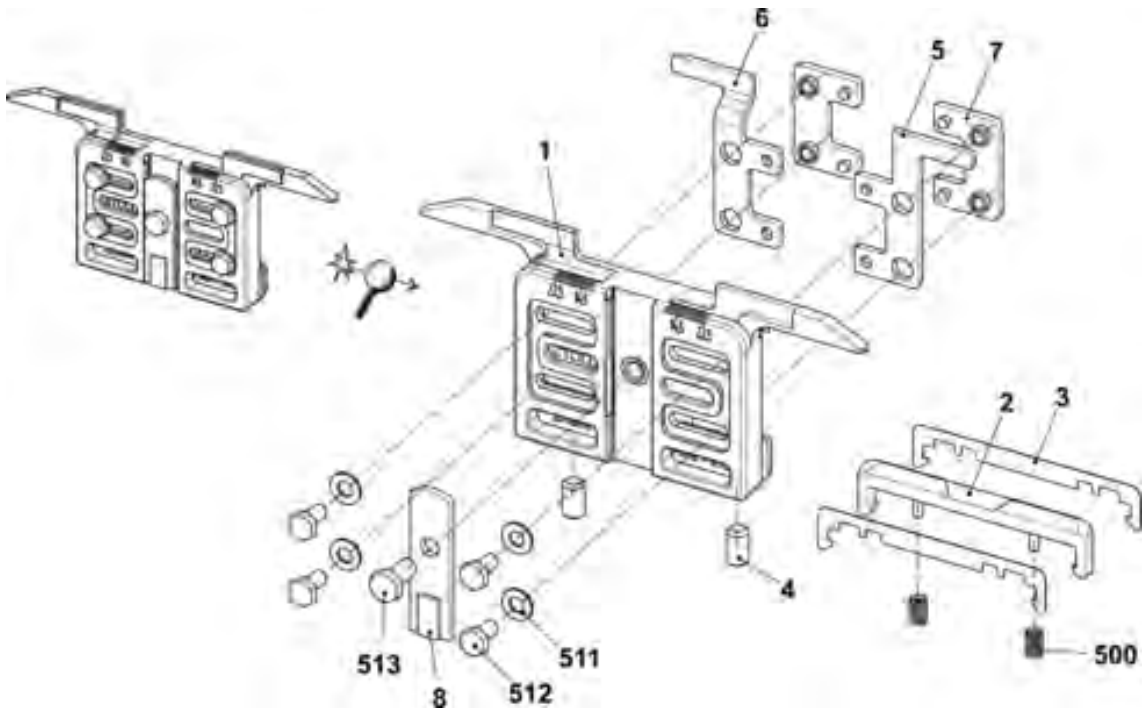
16.4 Carriage of plating yarn carrier (43 mm)

Pos	Designation	Ident No.		Pos	Designation	Ident No.
1	Plating YC carriage complete EW 43	257 241				
2*	Shim 0,03x11x80	213 035		500*	Hexagonal screw M5x10	020 351



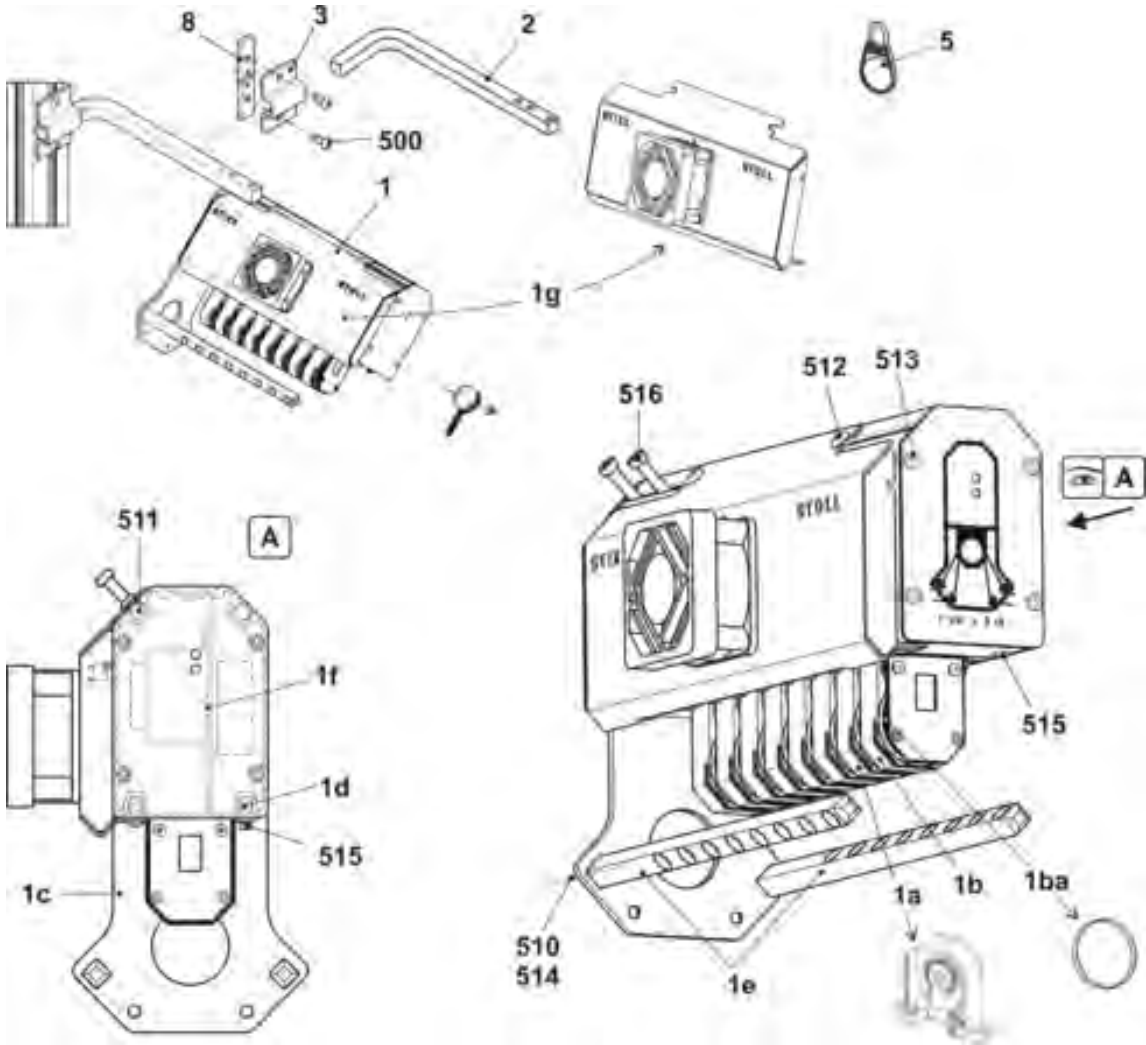
16.5 Carriage of plating yarn carrier (adjustable)

Pos	Designation	Ident No.	Pos	Designation	Ident No.
Σ	Plating yarn carrier carriage complete	251 867			
1	Carriage of yarn carrier	251 864	7	Guiding part	253 226
2	Sliding piece	212 583	8	Shim 0,03x11x80	213 035
3	Shim 0,03x11x80	216 143	500	Compression spring	021 399
4	Threaded bolt	213 399	511	U-washer 4	022 481
5	Insert on the right	251 866	512	Hexagon screw M4x8	022 461
6	Insert on the left	251 865	513	Hexagon screw M5x10	020 351



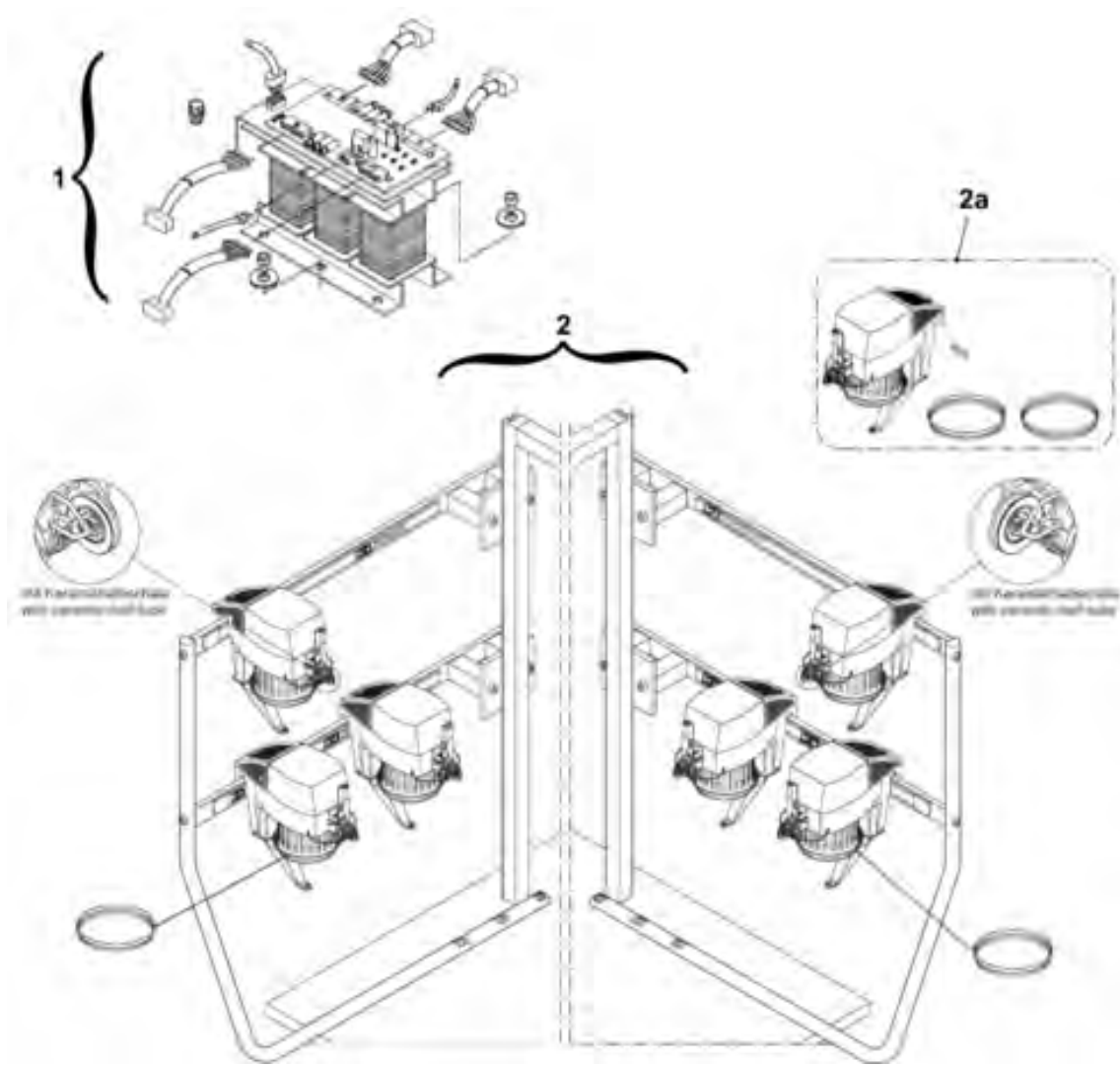
16.6 STIXX device

Pos	Designation	Id	Pos	Designation	Id
Σ	STIXX device	228 943	511	Spring nut M5	022 873
1	Yarn length measuring device	236 275	512	Pan-head screw M5x6	023 246
	1a	Sensor	513	Sheet metal screw ST3.5x13	022 940
	1b	Sensor complete	514	Spring washer A5	022 454
	1ba	Rubber running ring	515	Oval head screw with washer M3x10	023 380
	1c	Support	516	Cap screw M5X22	023 193
	1d	Threaded strip	2	Support	223 029
	1e	Yarn guide rod	3	Clamp	228 583
	1f	Card STIXX-CPU	5	Adjustment weight	212 241
	1g	Fan complete	8	Threaded strip	200 223
	510	Pan-head screw M5x10	500	Countersunk screw M8x16	023 113



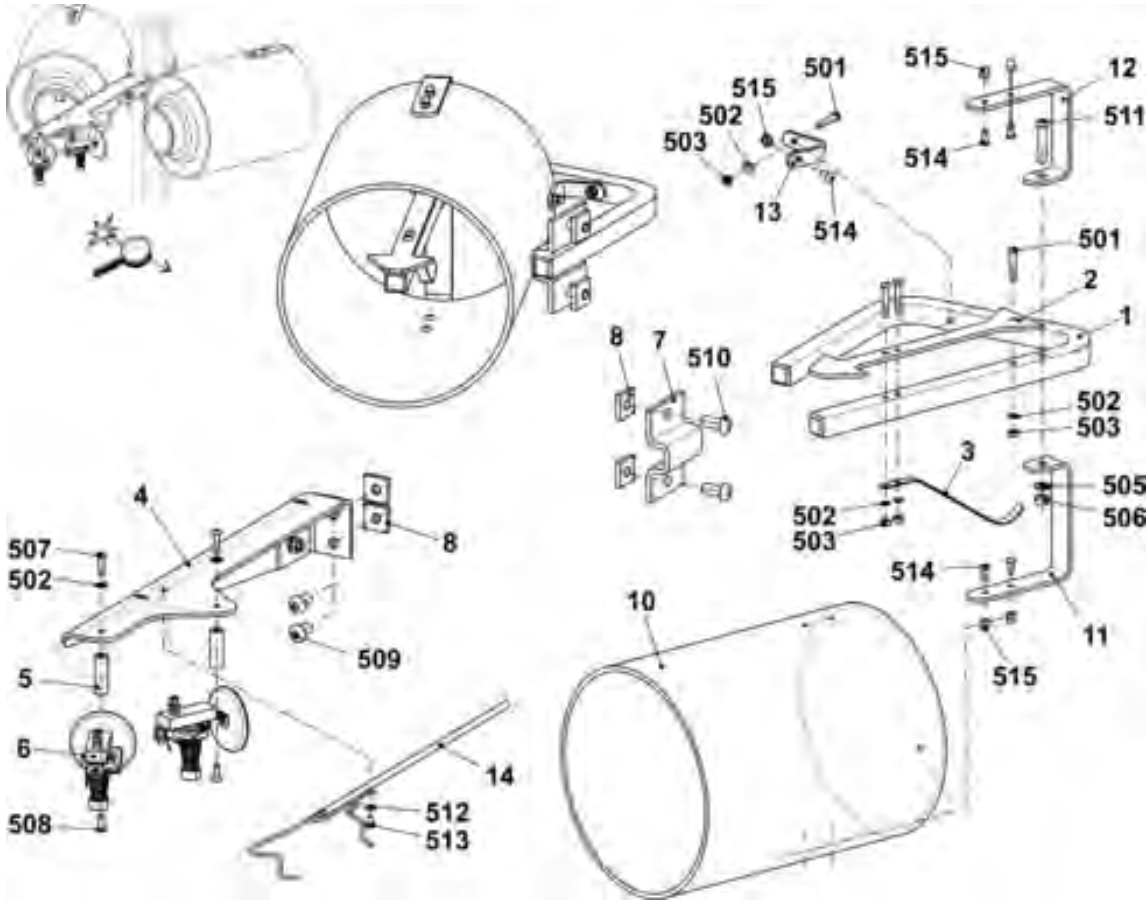
16.7 Feed wheel SFE

Pos	Designation	Id	Note
Σ	Mounted set storage feed wheel SFE	231 427	Please order the SFE spare parts at: MEMMINGER-IRO GMBH Jakob-Mutz-Strasse 7 D-72280 Dornstetten Phone: +49 7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the SFE spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Transfo with cable	231 979	
2	Mounted set SFE without transformer	231 980	
	2a SFE feed wheel	231 537	



16.8 Bobbin holder on the left

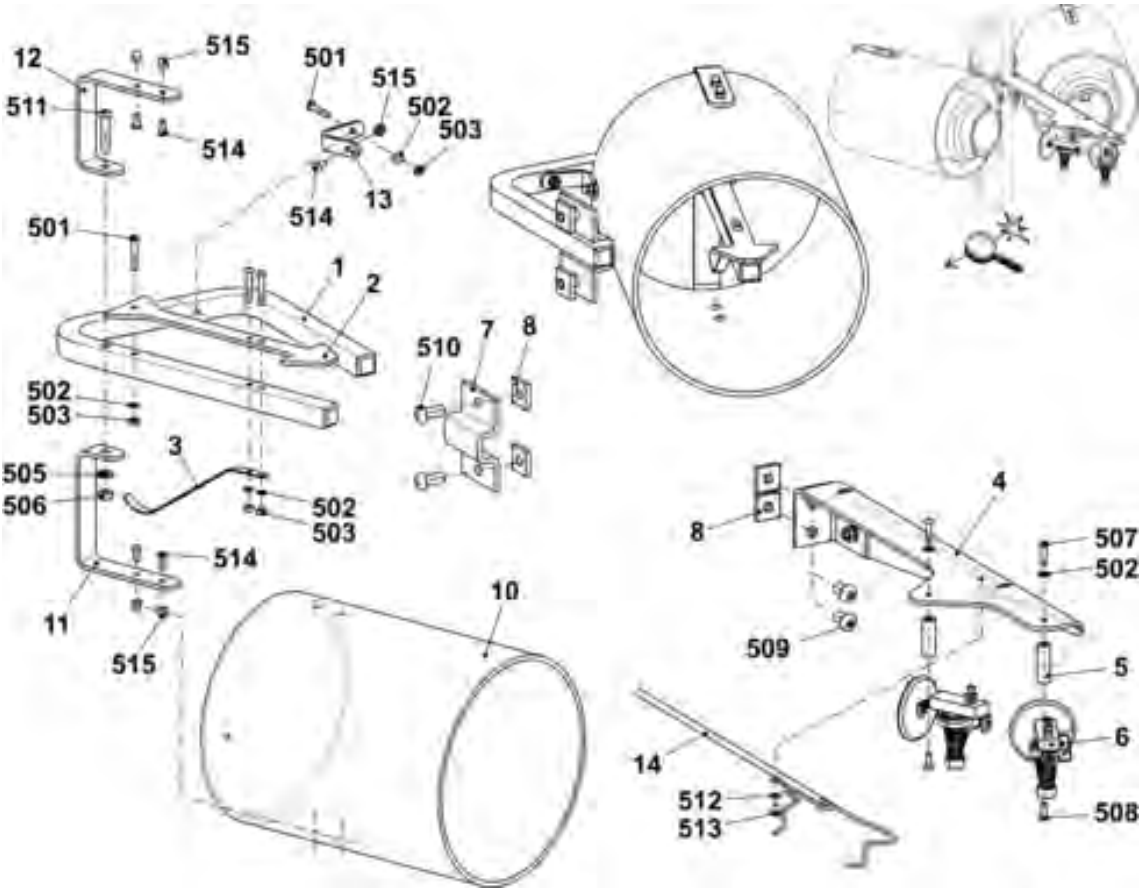
Pos	Designation	Id		Pos	Designation	Id
Σ	Bobbin holder on the left	253 965		501	Countersunk screw M4x25	023 511
1	Support	253 969		502	U-washer 4	022 481
2	Support	252 769		503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350		505	U-washer 6	022 431
4	Support on the left	253 347		506	Hexagon nut M6-6	022 899
5	Spacer	253 349		507	Countersunk screw M4x16	023 412
6	Yarn detector	226 964		508	Countersunk screw M3x10	023 062
7	Clamp	228 583		509	Countersunk screw M8x16	023 113
8	Sliding block	228 851		510	Countersunk screw M8x18	251 331
10	Cover	253 968		511	Countersunk screw M6x30	023 451
11	Support angle	253 964		512	Serrated lock washer A4.3Serrated lock washer A4.3	022 482
12	Support angle	253 963		513	Countersunk screw M4x6	022 946
13	Support angle	253 967		514	Countersunk screw M4x10	023 450
14	Cable plating	253 468		515	Cap nut M4-6	253 805



16.9 Bobbin holder on the right

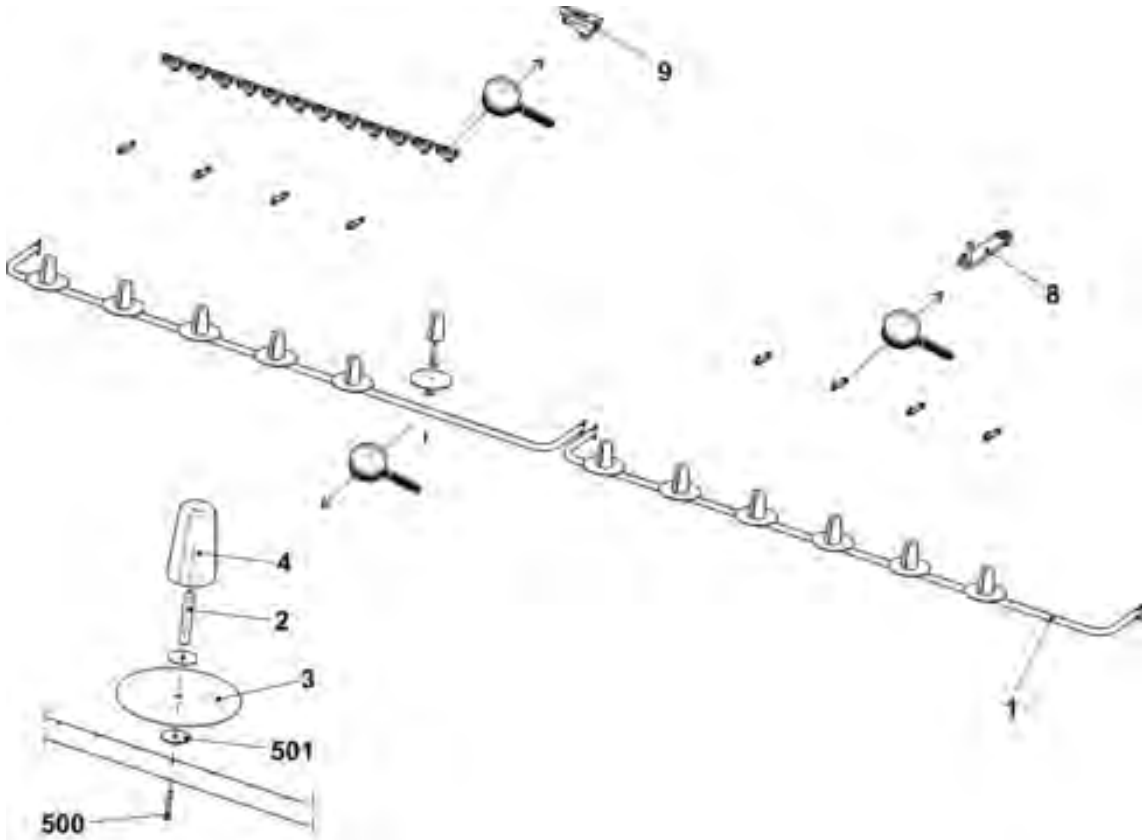
16.9 Bobbin holder on the right

Pos	Designation	Id		Pos	Designation	Id
Σ	Bobbin holder on the right	253 966		501	Countersunk screw M4x25	023 511
1	Support	253 969		502	U-washer 4	022 481
2	Support	252 769		503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350		505	U-washer 6	022 431
4	Support right	253 348		506	Hexagon nut M6-6	022 899
5	Spacer	253 349		507	Countersunk screw M4x16	023 412
6	Yarn detector	226 964		508	Countersunk screw M3x10	023 062
7	Clamp	228 583		509	Countersunk screw M8x16	023 113
8	Sliding block	228 851		510	Countersunk screw M8x18	251 331
10	Cover	253 968		511	Countersunk screw M6x30	023 451
11	Support angle	253 964		512	Serrated lock washer A4.3Serrated lock washer A4.3	022 482
12	Support angle	253 963		513	Countersunk screw M4x6	022 946
13	Support angle	253 967		514	Countersunk screw M4x10	023 450
14	Cable plating	253 468		515	Cap nut M4-6	253 805



16.10 Additional board at the bottom

Pos	Designation	Id		Pos	Designation	Id
Σ	Additional board at the bottom	253 646				
1	Additional bobbin board welded	253 472		8	Yarn guide	243 765
2	Positioning pin	202 777		9	Yarn guide	241 581
3	Washer 4.3x7x0.5	062 385		500	Pan-head screw M4x30	023 681
4	Bobbin support	200 363		501	Washer 5.3x30x1.25	023 556

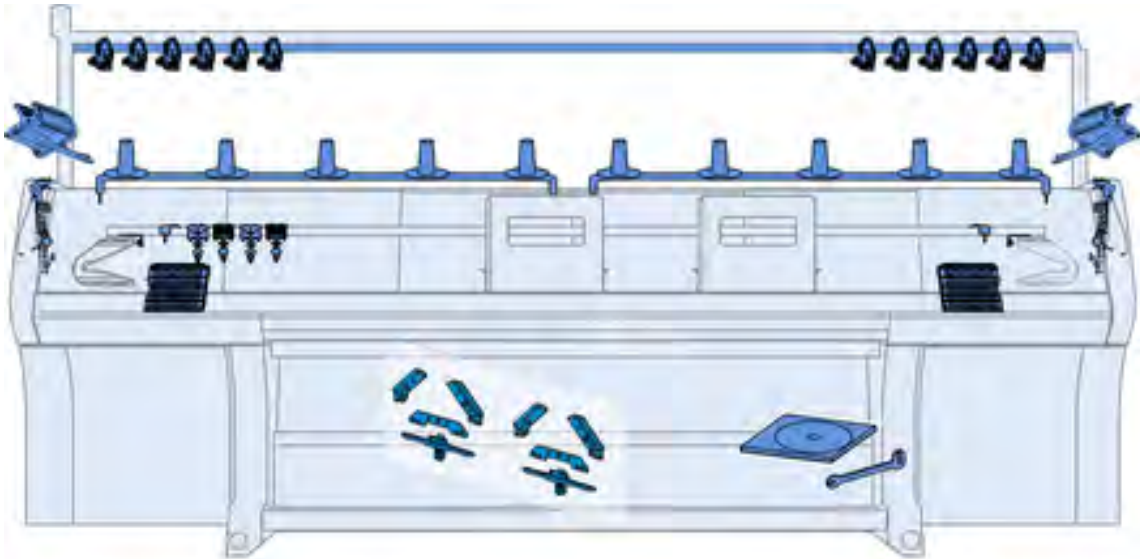


16.10 Additional board at the bottom

Notes:

17 Conversion kit with 24 and 32 IFF Type 2

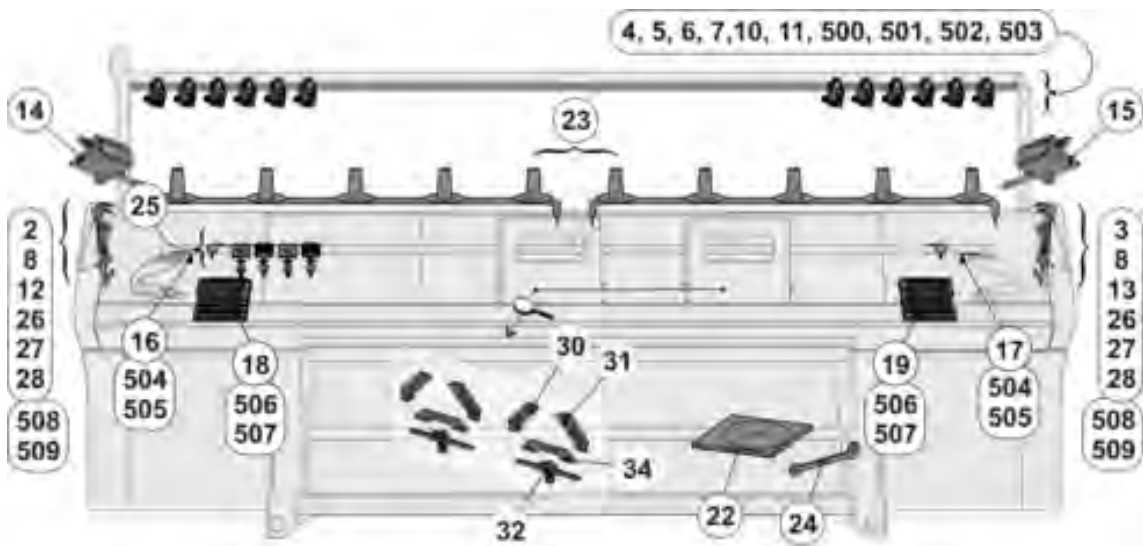
	Designation	Id
24 IFF:	Conversion kit 24 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 453
	Conversion kit 24 IFF Type 2 E16 E18	257 454
	Conversion kit 24 IFF Type 2 E6.2	257 473
	Conversion kit 24 IFF Type 2 E8.2	257 455
32 IFF:	Conversion kit 32 IFF Type 2 E10 E12 E14 E6.2(12m.10) E7.2	257 386
	Conversion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



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

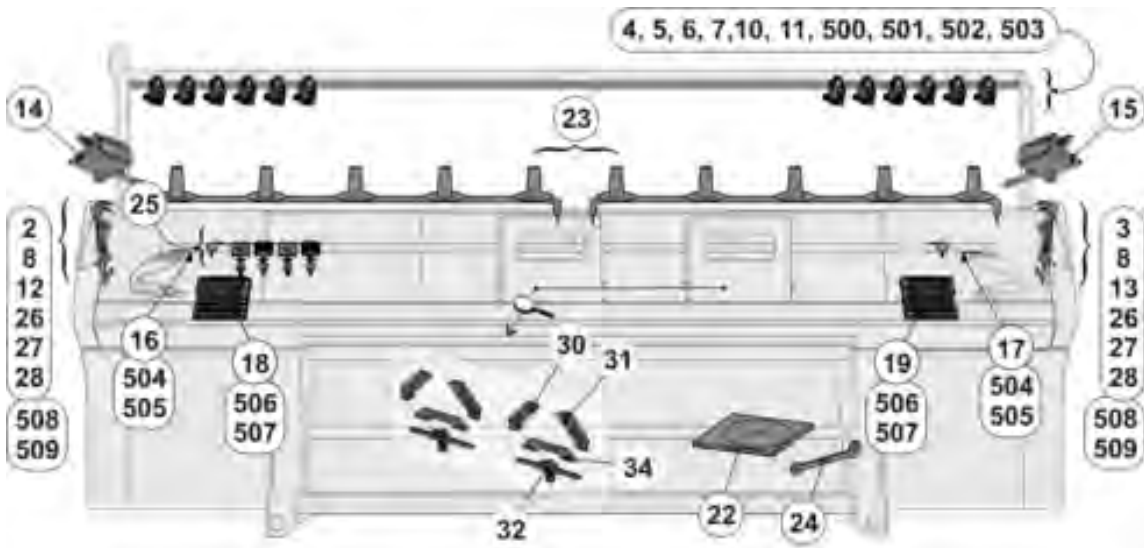
17.1 Overview of conversion kit with 24 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF E10-14	257 453				
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 24	256 936
4	Yarn guide bar 84 inch	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuck E10-14+7.2	255 428
8	Deflector complete	237 287		31	Stitch cam on the right short tuck E10-14+7.2	255 429
10	Yarn control device	237 124		32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581		34	Knitting raising cam plate	256 491
12	Stop bar on the left complete	258 454		500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562		501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991		502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992		503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517		504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521		505	U-washer 6	020 881
18	Clamping and cutting bed on the left E5-8	253 682		506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928		509	U-washer 6	022 537



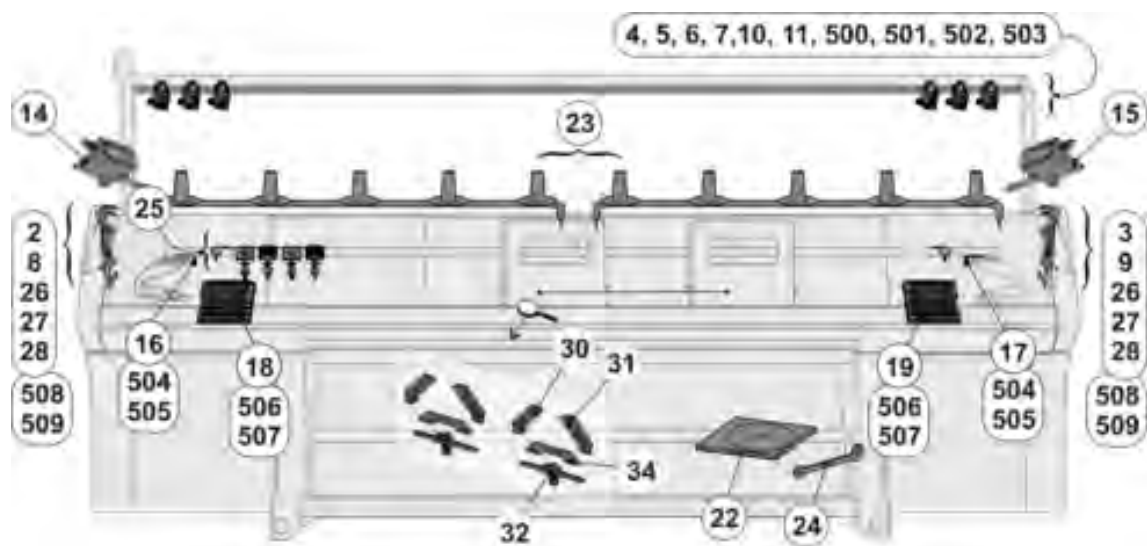
17.2 Overview of conversion kit with 24 IFF E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF E16-18	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 bar 84 inch	236 932	26	Yarn brake complete	244 347
5	Support on the left	243 602	27	Clamping bow	244 409
6	Support on the right	243 603	28	Ceramic eyelet	240 640
7	Support	239 295	30	Stitch cam on the left short tuck E16-18+8.2	255 547
8	Deflector complete	237 287	31	Stitch cam on the right short tuck E16-18+8.2	255 548
10	Yarn control device	237 124	32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581	34	Raising cam plate	256 491
12	Stop bar on the left complete	258 454	500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562	501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991	502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992	503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517	504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521	505	U-washer 6	020 881
18	Clamping and cutting bed on the left E16-18	253 684	506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928	509	U-washer 6	022 537



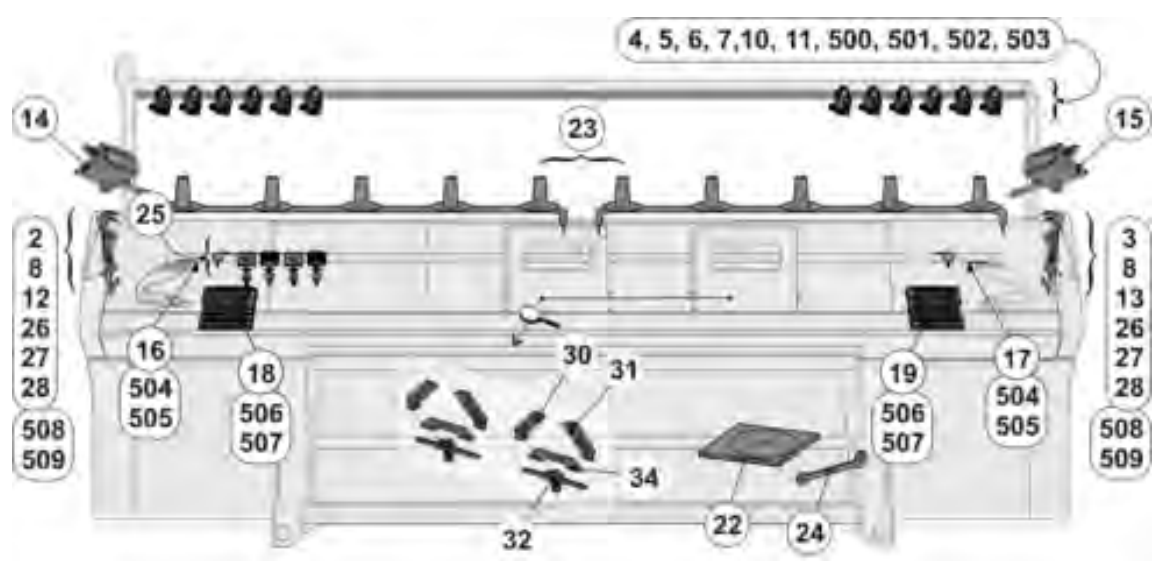
17.3 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF E6.2	257 473				
2	Yarn tensioner on the left complete E7-8	244 499		24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502		25	Yarn guide complete E7-8 IFF 24	256 935
4	Yarn guide bar 84 inch	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuck E6.2	255 551
8	Deflector on the left complete	223 316		31	Stitch cam on the right short tuck E6.2	255 552
9	Deflector on the right complete	223 049		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	Ribbed lock washer M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992		502	Square nut M8	023 269
16	Yarn deflector on the left complete	244 517		503	Countersunk screw M8x16	023 113
17	Yarn deflector on the right complete	244 521		504	Cap screw M6X14	022 658
18	Clamping and cutting bed on the left E5-8	253 682		505	U-washer 6	020 881
19	Clamping and cutting bed on the right E10-14	253 681		506	Setting pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169		507	Screw M6x20	244 824
23	Additional bobbin board	241 928		508	Screw KB60 x 20	237 682



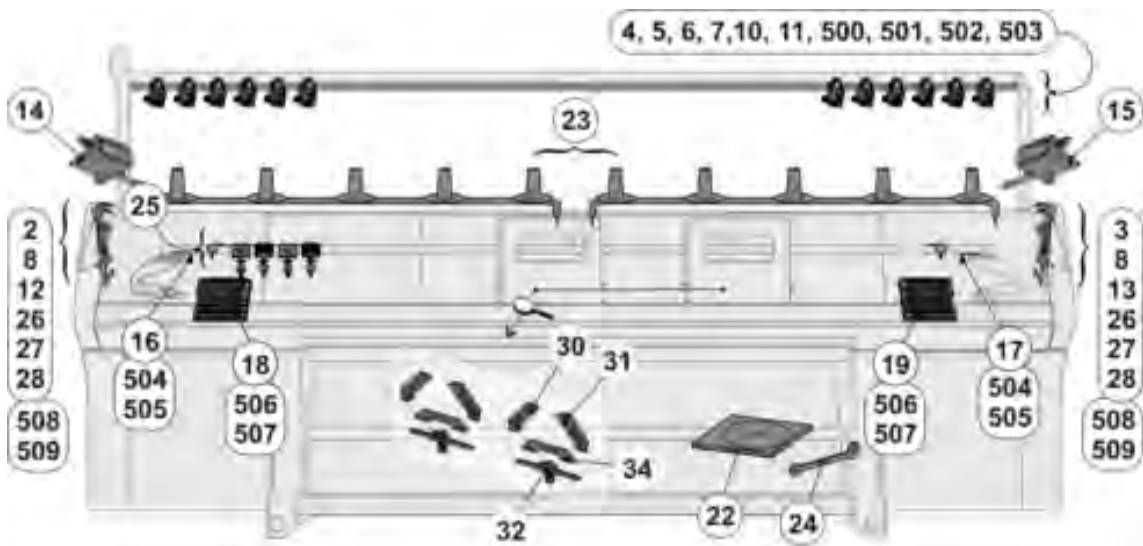
17.4 Overview of conversion kit with 24 IFF E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF E8.2	257 455			
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 24	256 936
4	Yarn guide bar 84 inch	236 932	26	Yarn brake complete	244 347
5	Support on the left	243 602	27	Clamping bow	244 409
6	Support on the right	243 603	28	Ceramic eyelet	240 640
7	Support	239 295	30	Stitch cam on the left short tuck E16-18+8.2	255 547
8	Deflector complete	237 287	31	Stitch cam on the right short tuck E16-18+8.2	255 548
10	Yarn control device	237 124	32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581	34	Raising cam plate	256 491
12	Stop bar on the left complete	258 454	500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562	501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991	502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992	503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517	504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521	505	U-washer 6	020 881
18	Clamping and cutting bed on the left E16-18	253 684	506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928	509	U-washer 6	022 537



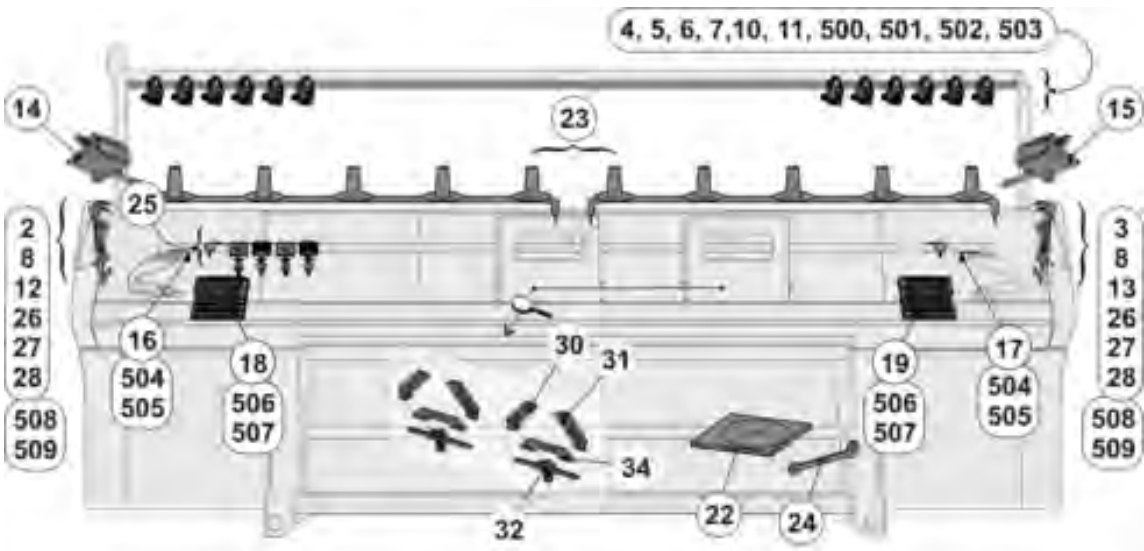
17.5 Overview of conversion kit with 32 IFF E10
| E12 | E14 | E6.2(12m.10) | E7.2

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 bar 84 inch	236 932		26	Yarn brake complete	244 347
5	Support on the left	243 602		27	Clamping bow	244 409
6	Support on the right	243 603		28	Ceramic eyelet	240 640
7	Support	239 295		30	Stitch cam on the left short tuck E10-14+7.2	255 428
8	Deflector complete	237 287		31	Stitch cam on the right short tuck E10-14+7.2	255 429
10	Yarn control device	237 124		32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581		34	Raising cam plate	256 491
12	Stop bar on the left complete	258 454		500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562		501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991		502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992		503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517		504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521		505	U-washer 6	020 881
18	Clamping and cutting bed on the left E5-8	253 682		506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928		509	U-washer 6	022 537



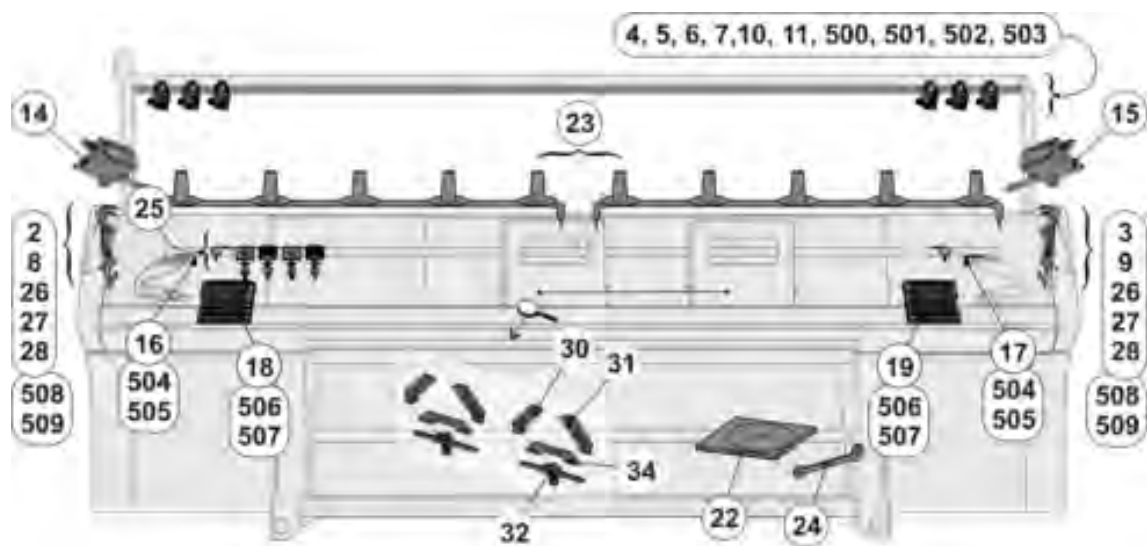
17.6 Overview of conversion kit with 32 IFF E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFF E16-18	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 bar 84 inch	236 932	26	Yarn brake complete	244 347
5	Support on the left	243 602	27	Clamping bow	244 409
6	Support on the right	243 603	28	Ceramic eyelet	240 640
7	Support	239 295	30	Stitch cam on the left short tuck E16-18+8.2	255 547
8	Deflector complete	237 287	31	Stitch cam on the right short tuck E16-18+8.2	255 548
10	Yarn control device	237 124	32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581	34	Raising cam plate	256 491
12	Stop bar on the left complete	258 454	500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562	501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991	502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992	503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517	504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521	505	U-washer 6	020 881
18	Clamping and cutting bed on the left E16-18	253 684	506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928	509	U-washer 6	022 537



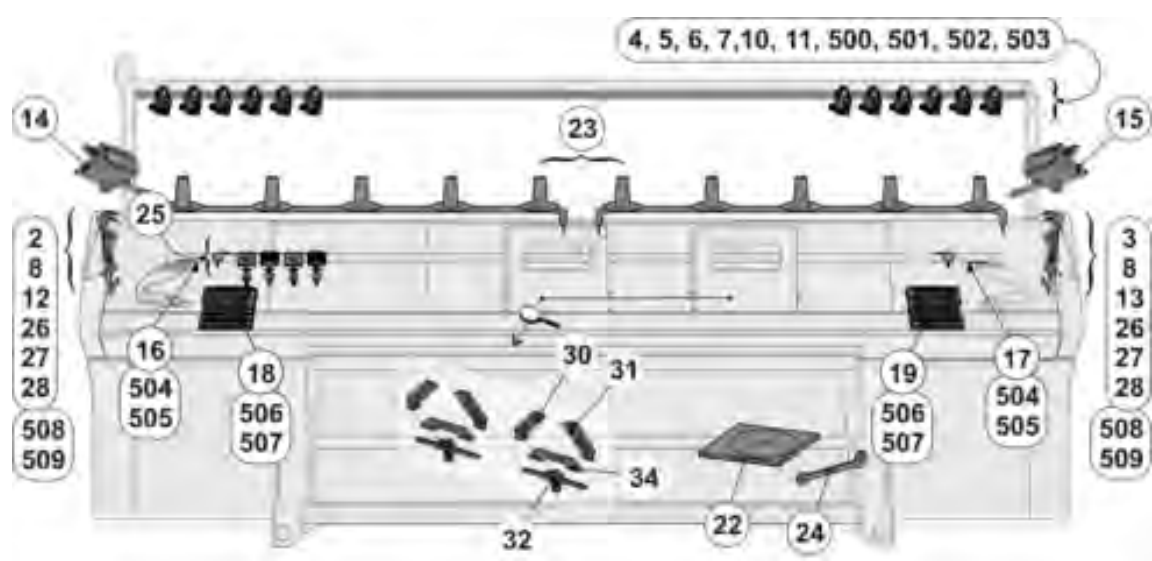
17.7 Overview of conversion kit with 32 IFF E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFF E6.2	257 472			
2	Yarn tensioner on the left complete E7-8	244 499	24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E7-8	244 502	25	Yarn guide complete E7-8 IFF	245 162
4	Yarn guide bar 84 inch	236 932	26	Yarn brake complete	244 347
5	Support on the left	243 602	27	Clamping bow	244 409
6	Support on the right	243 603	28	Ceramic eyelet	240 640
7	Support	239 295	30	Stitch cam on the left short tuck E6.2	255 551
8	Deflector on the left complete	223 316	31	Stitch cam on the right short tuck E6.2	255 552
9	Deflector on the right complete	223 049	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	Ribbed lock washer M6-10	023 414
15	Friction feed wheel 16 fold on the right complete	244 992	502	Square nut M8	023 269
16	Yarn deflector on the left complete	244 517	503	Countersunk screw M8x16	023 113
17	Yarn deflector on the right complete	244 521	504	Cap screw M6X14	022 658
18	Clamping and cutting bed on the left E5-8	253 682	505	U-washer 6	020 881
19	Clamping and cutting bed on the right E10-14	253 681	506	Setting pin 6x16	020 677
22	DVD instructions conversion kit IFF	245 169	507	Screw M6x20	244 824
23	Additional bobbin board	241 928	508	Screw KB60 x 20	237 682



17.8 Overview of conversion kit with 32 IFF E8.2

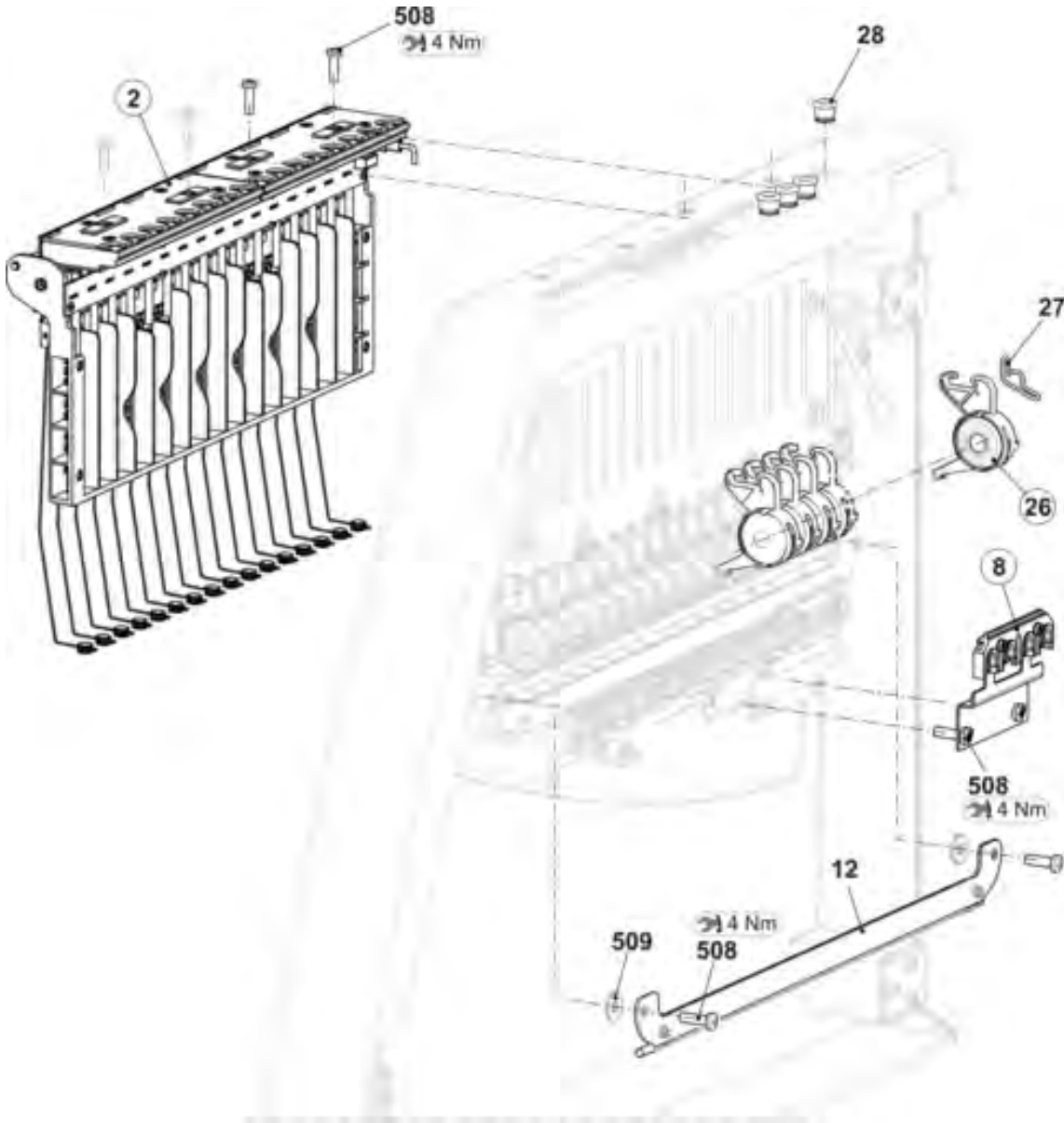
Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 32 IFF E8.2	257 388			
2	Yarn tensioner on the left complete E10-18	258 461	24	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the right complete E10-18	258 463	25	Yarn guide complete E10-14 IFF	245 163
4	Yarn guide bar 84 inch	236 932	26	Yarn brake complete	244 347
5	Support on the left	243 602	27	Clamping bow	244 409
6	Support on the right	243 603	28	Ceramic eyelet	240 640
7	Support	239 295	30	Stitch cam on the left short tuck E16-18+8.2	255 547
8	Deflector complete	237 287	31	Stitch cam on the right short tuck E16-18+8.2	255 548
10	Yarn control device	237 124	32	Pressure part short tuck	255 430
11	Yarn guide bracket complete	241 581	34	Raising cam plate	256 491
12	Stop bar on the left complete	258 454	500	Self-locking screw M6x12	023 415
13	Stop bar on the right complete	258 562	501	Ribbed lock washer M6-10	023 414
14	Friction feed wheel 16 fold on the left complete	244 991	502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the right complete	244 992	503	Countersunk screw M8x16	023 113
16	Yarn deflector on the left complete	244 517	504	Cap screw M6X14	022 658
17	Yarn deflector on the right complete	244 521	505	U-washer 6	020 881
18	Clamping and cutting bed on the left E16-18	253 684	506	Setting 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 KB60 x 20	237 682
23	Additional bobbin board	241 928	509	U-washer 6	022 537



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)

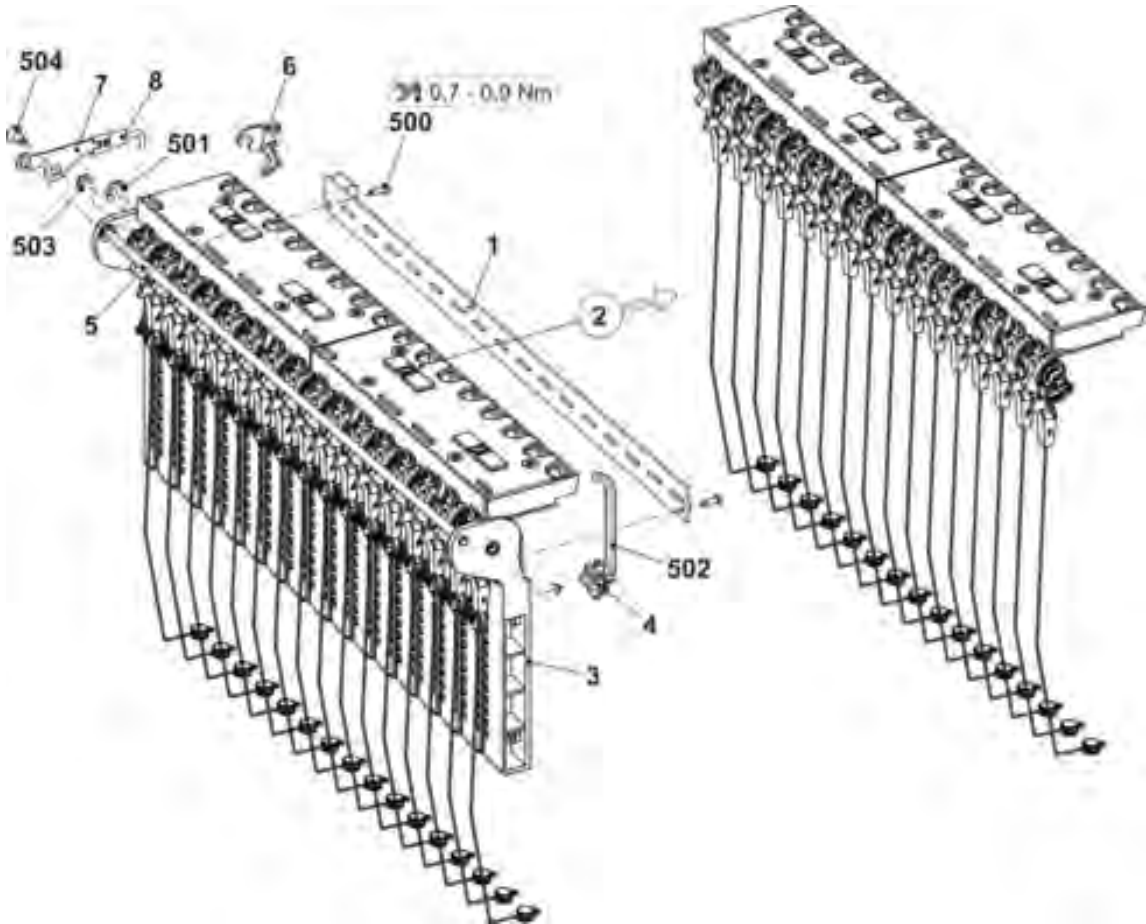
Pos	Designation	Id		Pos	Designation	Id
2	Yarn tensioner on the left complete E10-18	258 461		27	Clamping bow	244 409
8	Deflector complete	257 287		28	Ceramic eyelet	240 640
12	Stop bar on the left complete	258 454		508	Screw KB60 x 20	237 682
26	Yarn brake complete	244 347		509	U-washer 6	022 537



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)

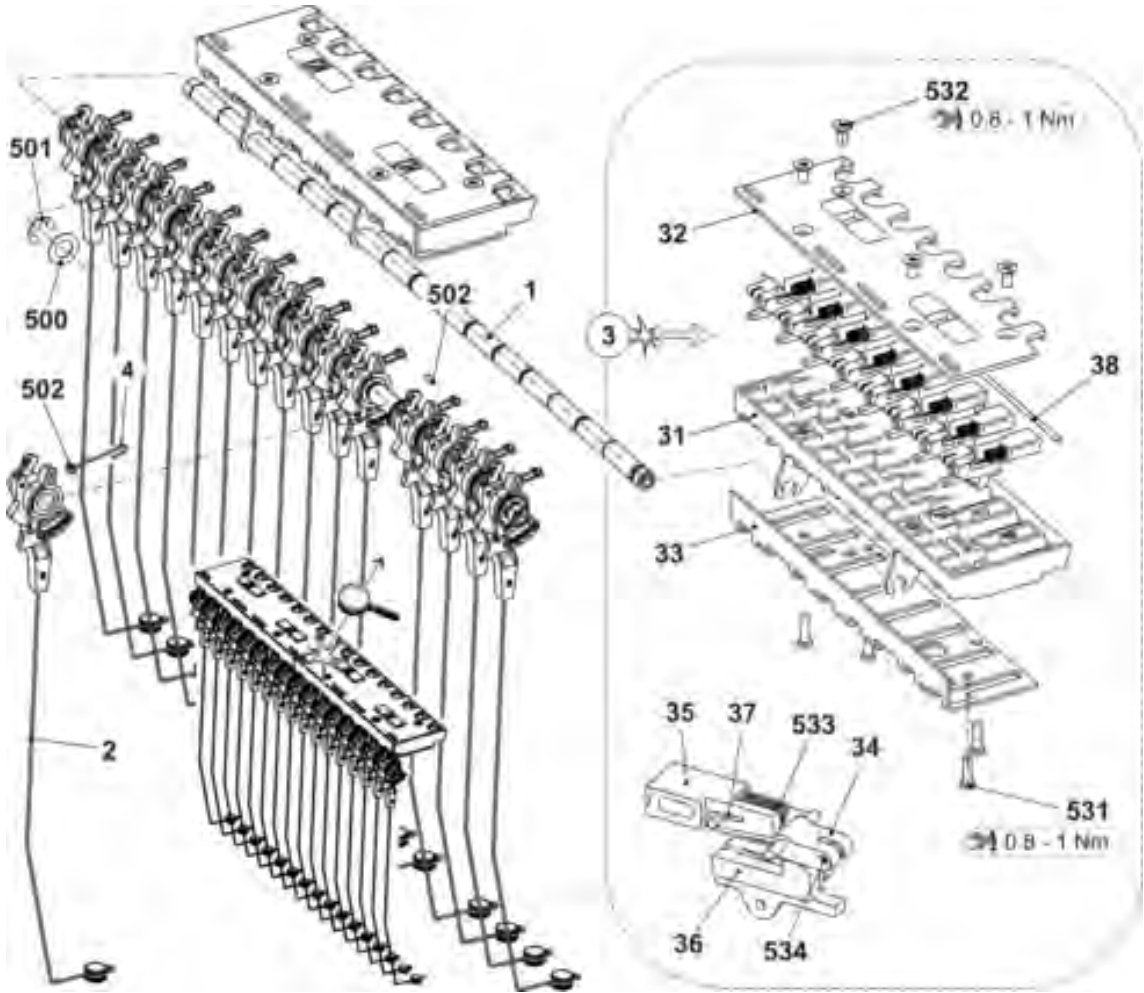
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 461	7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345	8	Ground cable yarn tensioner OKC	243 105
2	Tension axle complete E10-18	258 460	500	Screw KB 30x8	236 228
3	Housing	241 367	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 M4x12	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)

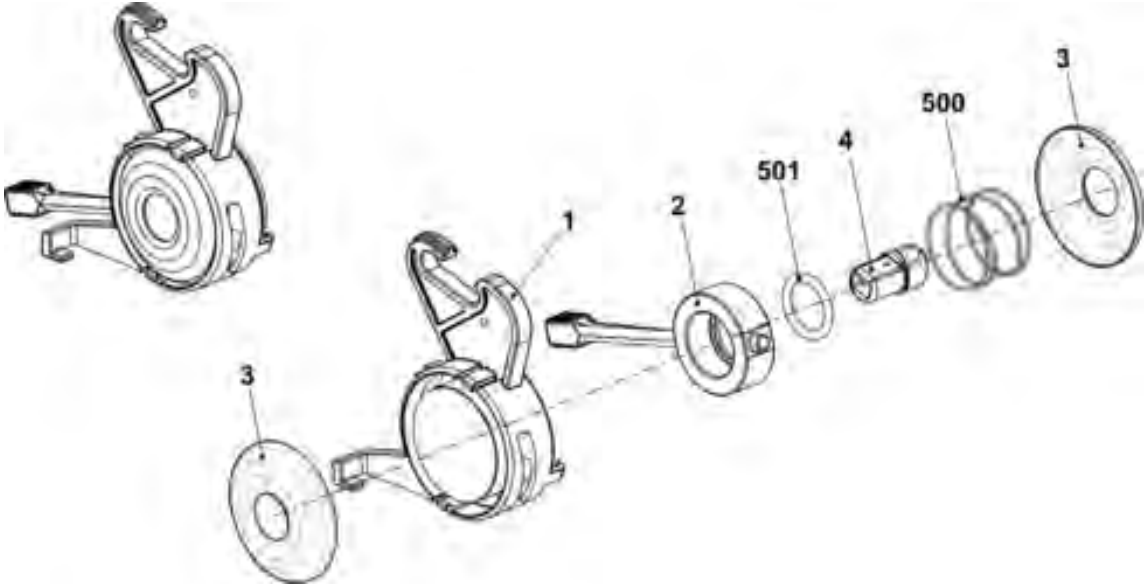
17.9.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Tension axle complete E10-18	258 460	3	Thread clamp AKF	238 695
1	Axle	244 522	31	Housing AKF	238 689
2	Tension arm pre-assembled E10 –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 peace AKF	238 690
502	Grooved pin 2x6	243 172	36	Slider AKF	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 Yarn brake

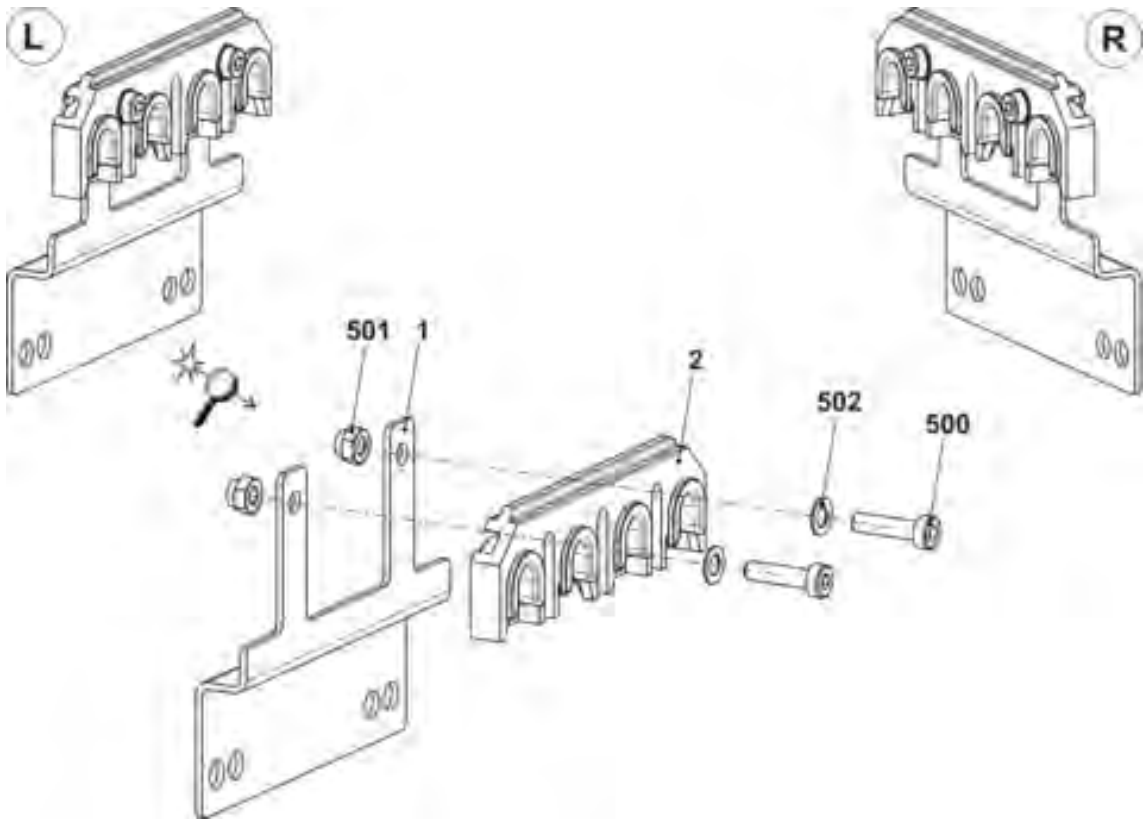
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn brake complete	244 347				
1	Support	240 607		4	Ceramic eyelet open	243 778
2	Slider	240 606		500	Compression spring 0.65x20.15x14.80	241 361
3	Brake disk	244 355		501	O-ring 11x2	241 434



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

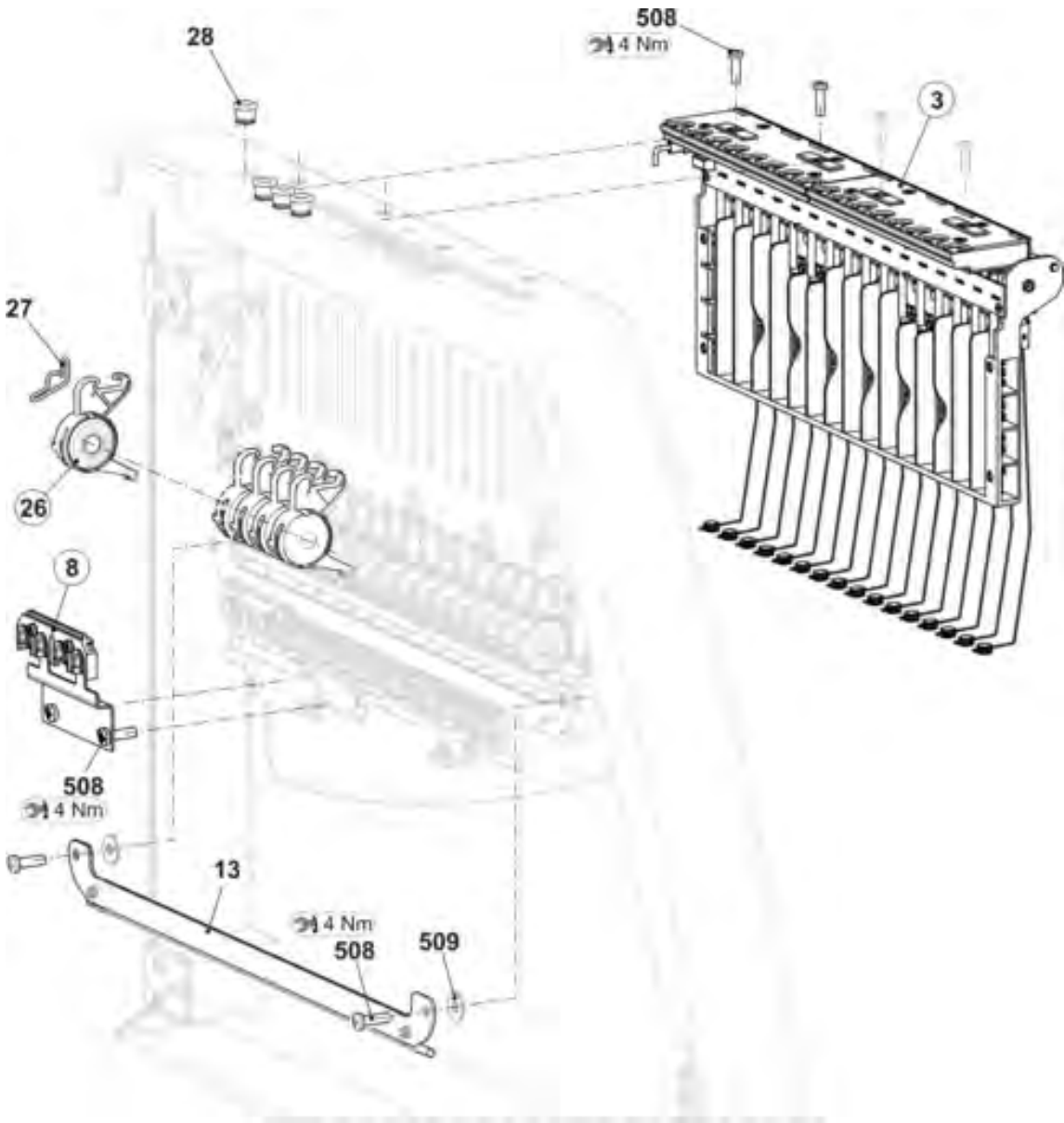
17.9.3 Deflector

Pos	Designation	Id		Pos	Designation	Id
Σ	Deflector complete	257 287		500	Cap screw M4x16	023 123
1	Support of yarn deflector	257 289		501	Hexagon nut M4-8	023 046
2	Yarn deflector	257 288		502	U-washer 4	020 879



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

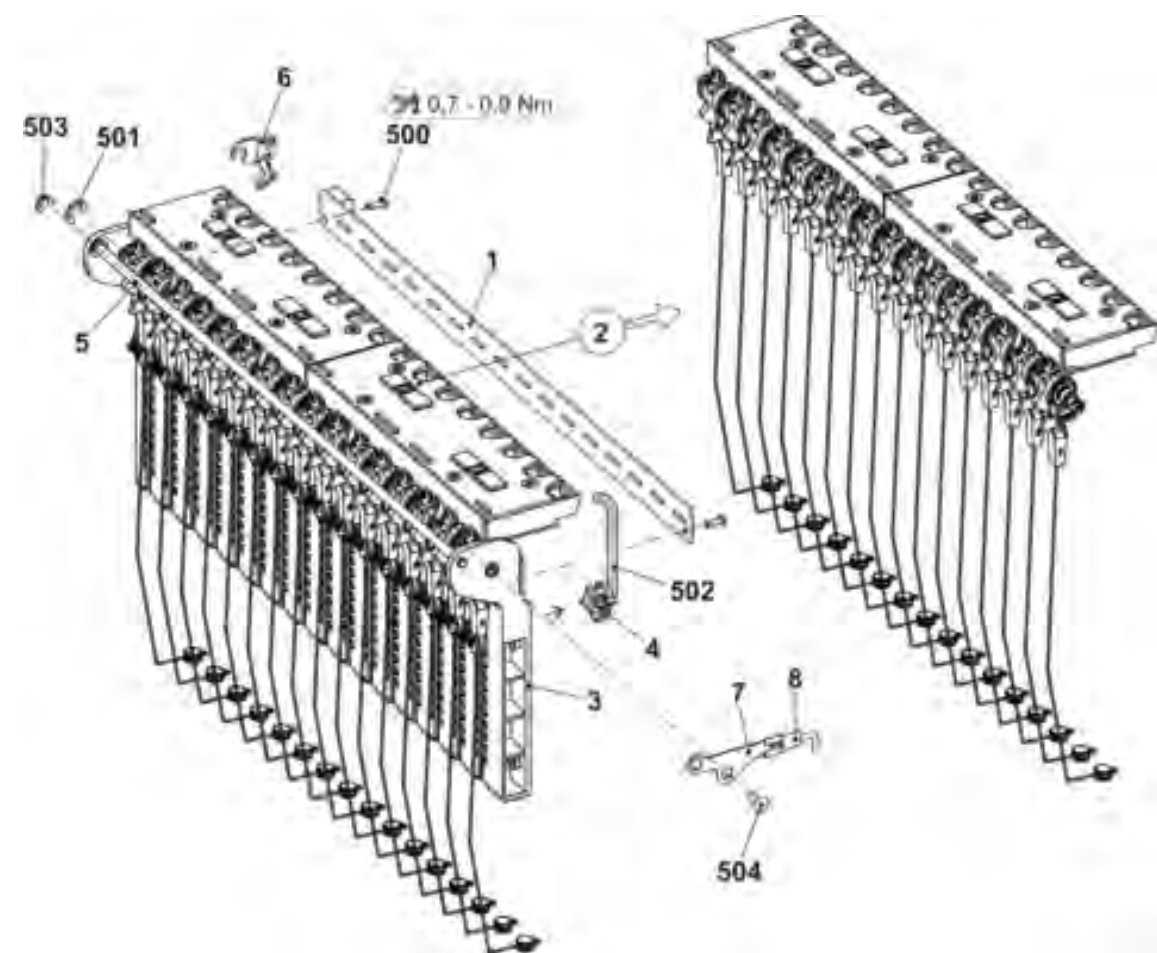
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the right complete E10-18	258 463		27	Clamping bow	244 409
8	Deflector complete	257 287		28	Ceramic eyelet	240 640
13	Stop bar on the right complete	258 562		508	Screw KB60 x 20	237 682
26	Yarn brake complete	244 347		509	U-washer 6	022 537



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

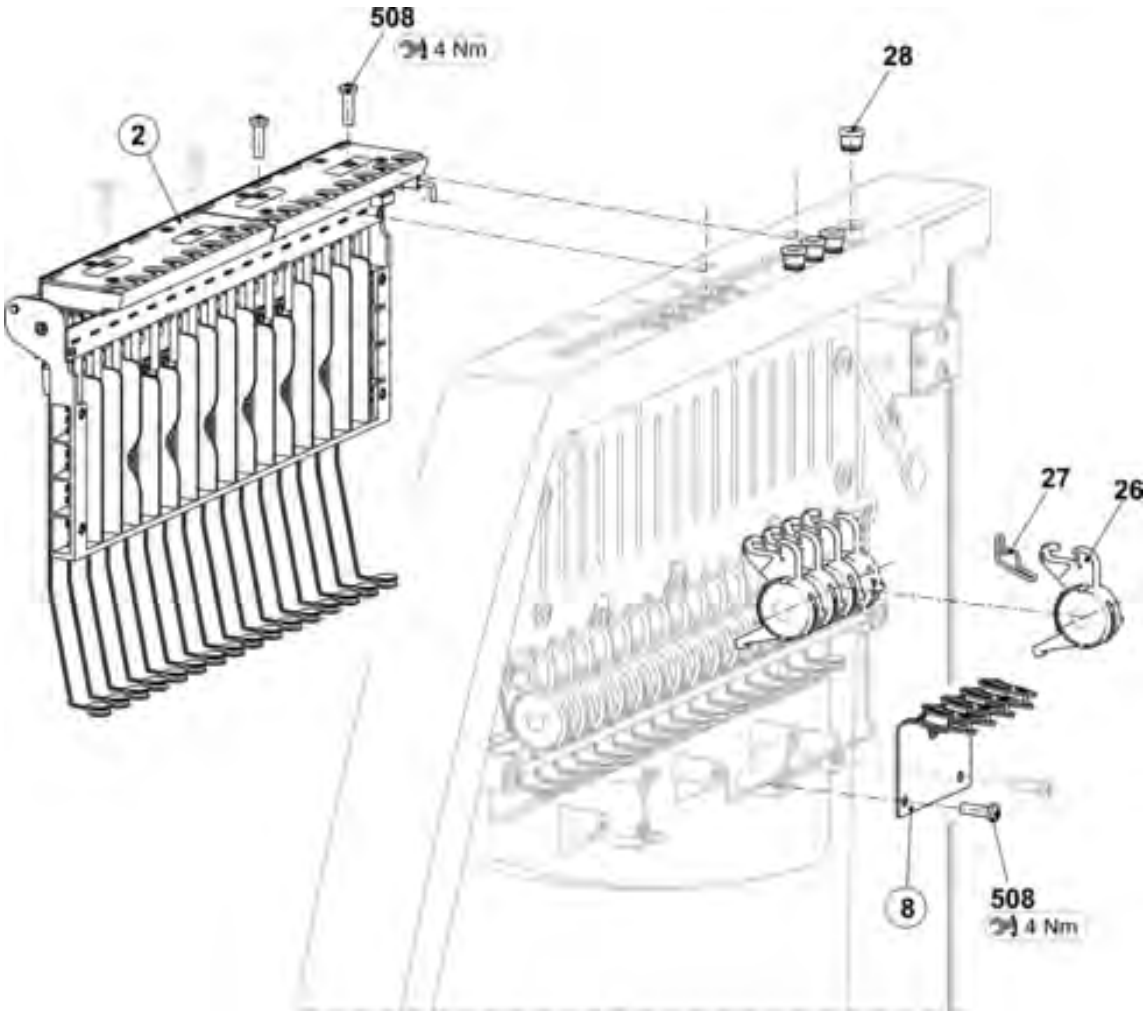
17.10.1 Yarn tensioner on the right E10
|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

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 tensioner OKC	243 105
2	Tension axle complete E10-18	258 460		500	Screw KB 30x8	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 M4x12	241 914



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

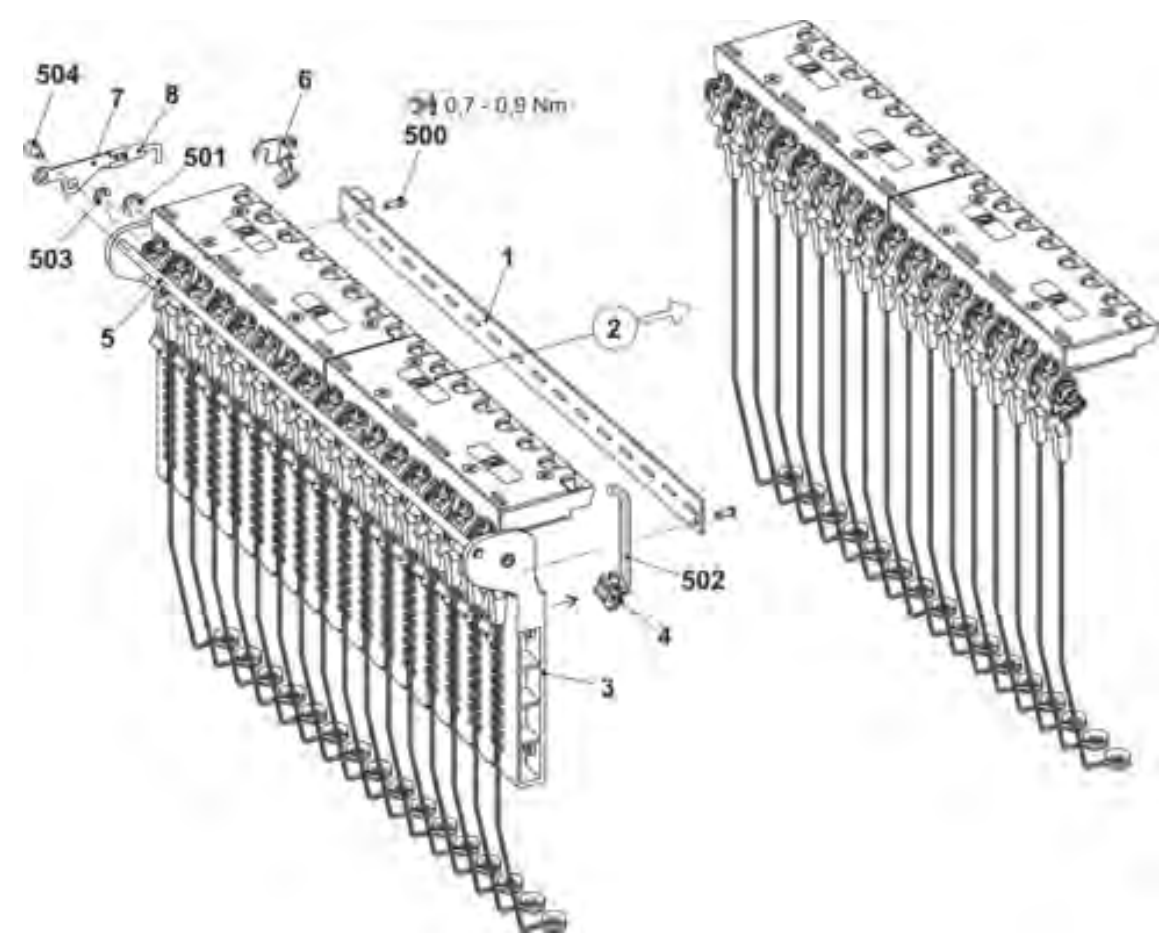
Pos	Designation	Id		Pos	Designation	Id
2	Yarn tensioner on the left complete E7-8	244 499		27	Clamping bow	244 409
8	Deflector on the left complete	223 316		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60 x 20	237 682



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

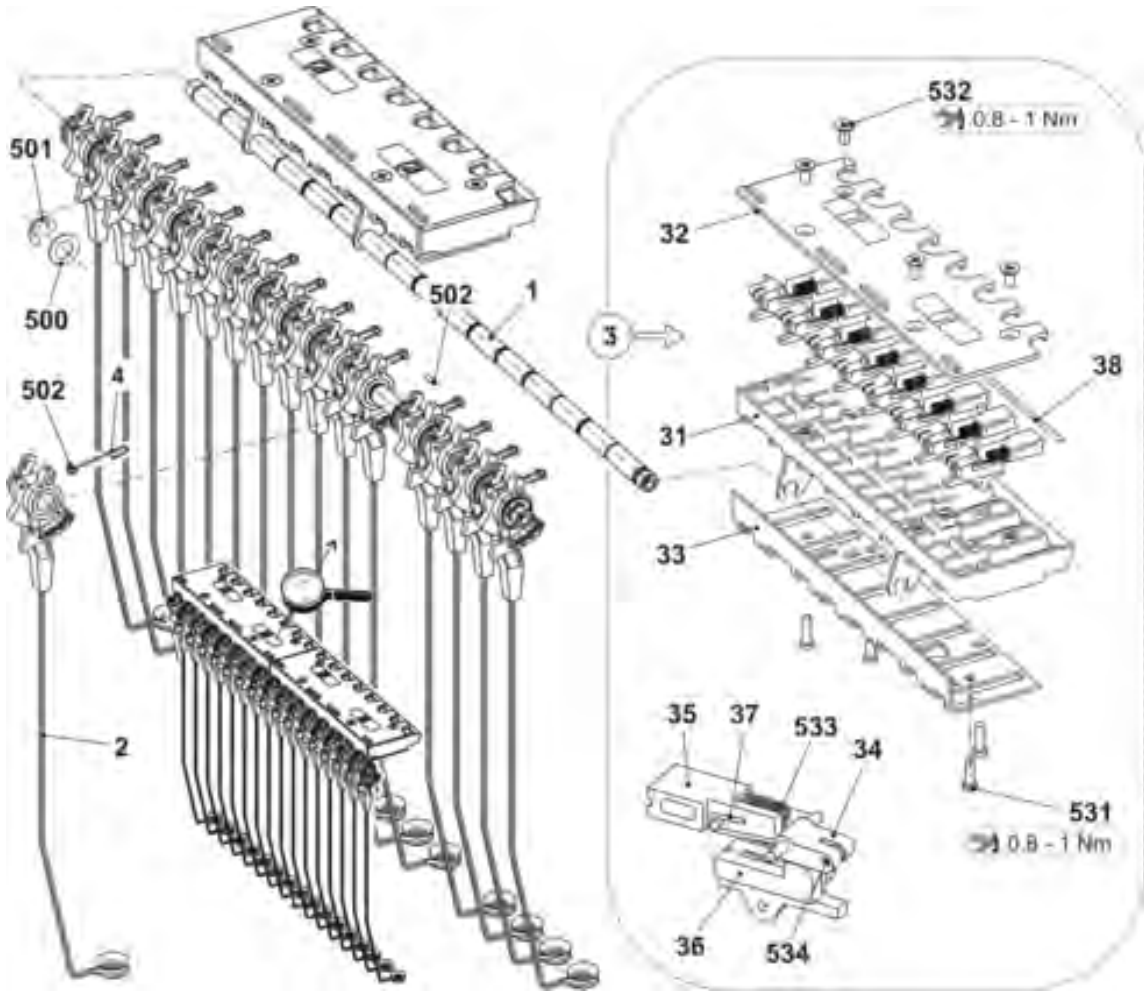
17.11.1 Yarn tensioner on the left E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E7-8	244 499		7	Grounding sheet metal of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		8	Ground cable yarn tensioner	243 105
2	Tension axle complete E3-8	244 494		500	Cap screws M30x8	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

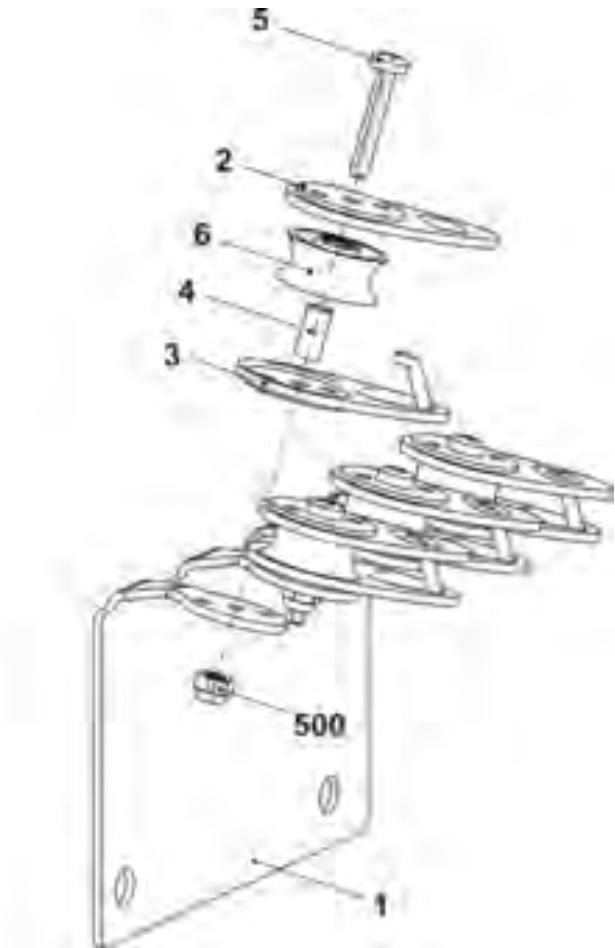
Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle complete E3-8 (E6.2)	244 494		3	Thread clamp AKF	238 695
1	Axle	244 522		31	Housing AKF	238 689
2	Tension arm pre-assembled E3 - E8	242 770		32	Cover AKF	237 926
4	Wire bow	238 694		33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0.5	023 501		34	Lever AKF	238 692
501	Circlip	021 022		35	Pressure peace AKF	238 690
502	Grooved pin 2x6	243 172		36	Slider AKF	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

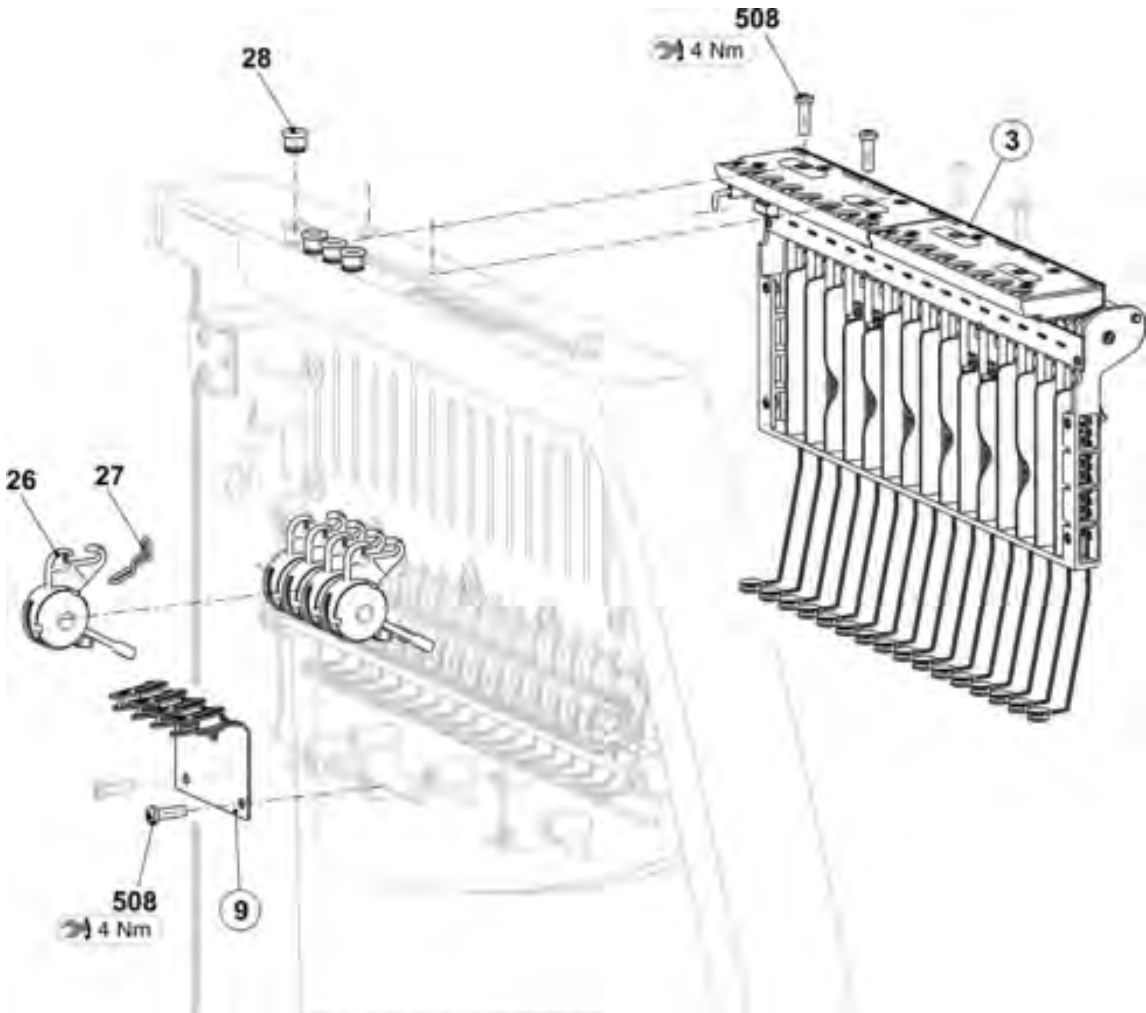
17.11.2 Deflector on the left

Pos	Designation	ID No.		Pos	Designation	ID No.
Σ	Deflector on the left complete	223 316		4	Sleeve	219 222
1	Roller support on the left	223 312		5	Screw	223 298
2	Yarn holder	217 362		6	Roller deflector	218 805
3	Yarn holder	217 363		500	Hexagon nut M3-8	022 884



17.12 Parts for the right safety door E6.2

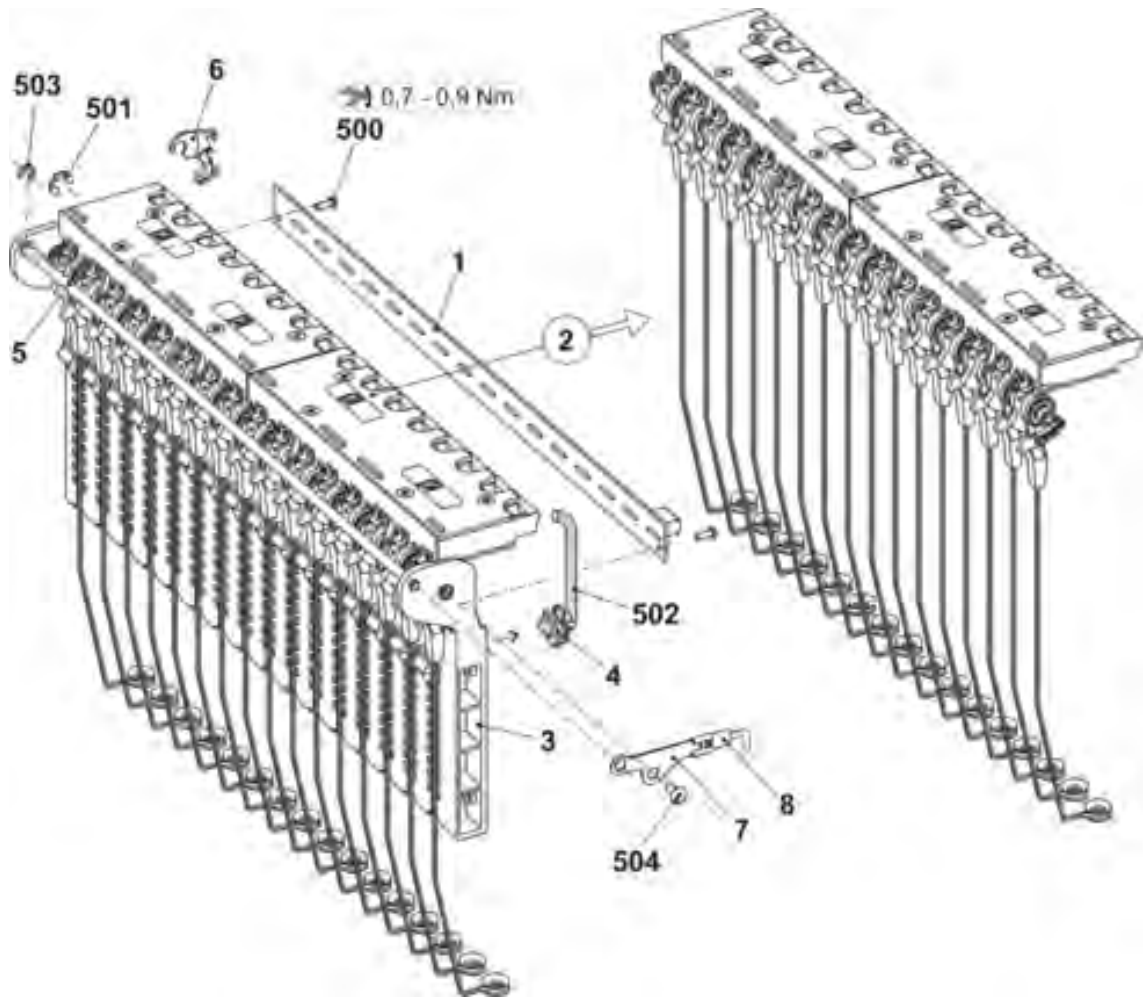
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the right complete E7-8	244 502		27	Clamping bow	244 409
9	Deflector on the right complete	223 049		28	Ceramic eyelet	240 640
26	Yarn brake complete	244 347		508	Screw KB60 x 20	237 682



17.12 Parts for the right safety door E6.2

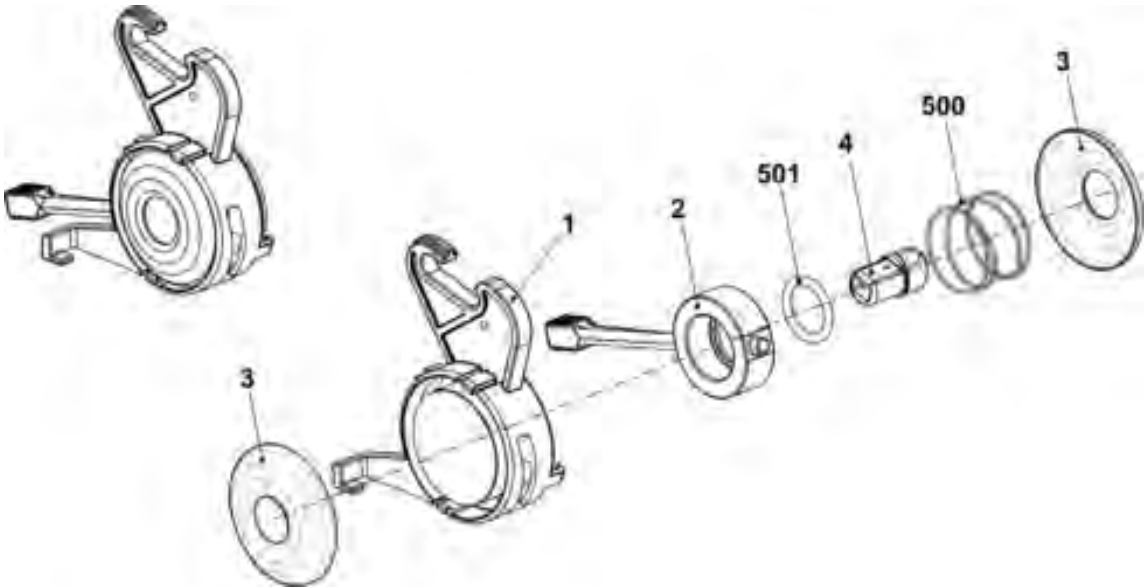
17.12.1 Yarn tensioner on the right E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete	244 502		7	Grounding sheet metal of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensioner	243 105
2	Tension axle complete E7-8	244 494		500	Cap screws M30x8	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



17.12.2 Yarn brake

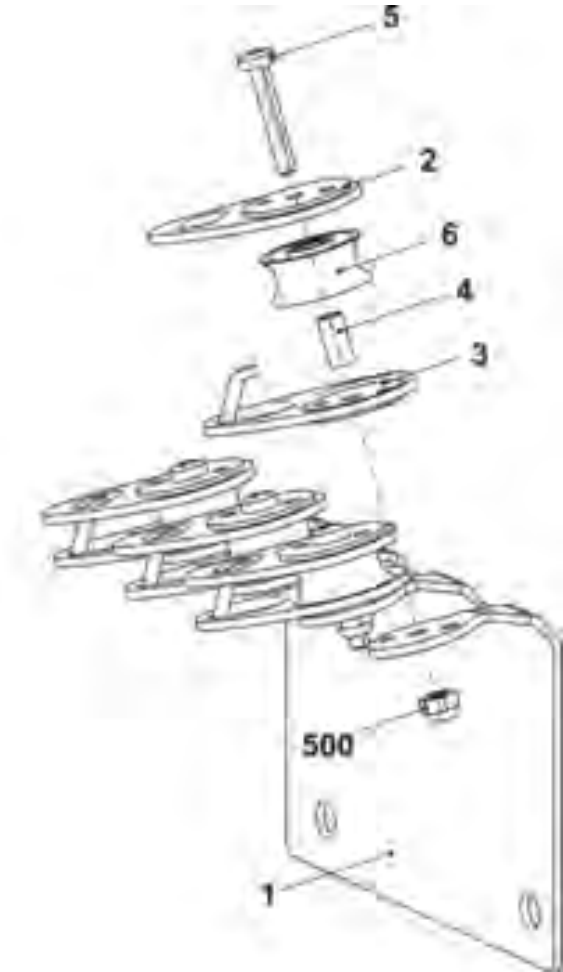
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn brake complete	244 347				
1	Support	240 607		4	Ceramic eyelet open	243 778
2	Slider	240 606		500	Compression spring 0.65x20.15x14.80	241 361
3	Brake disk	244 355		501	O-ring 11x2	241 434



17.12 Parts for the right safety door E6.2

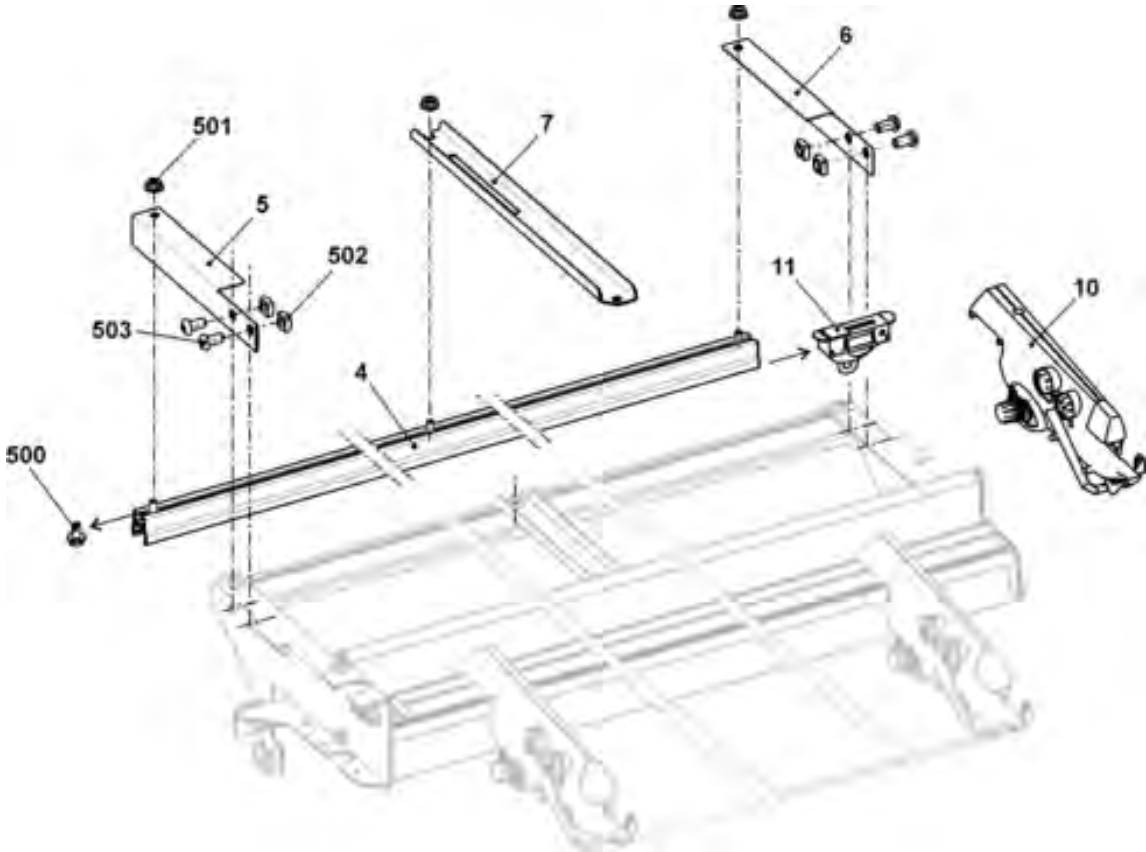
17.12.3 Deflector on the right

Pos	Designation	ID No.		Pos	Designation	ID No.
Σ	Deflector on the right complete	223 049		4	Sleeve	219 222
1	Roller support on the right	223 044		5	Screw	223 298
2	Yarn holder	217 362		6	Roller deflector	218 805
3	Yarn holder	217 363		500	Hexagon nut M3-8	022 884



17.13 Parts for the yarn guide system

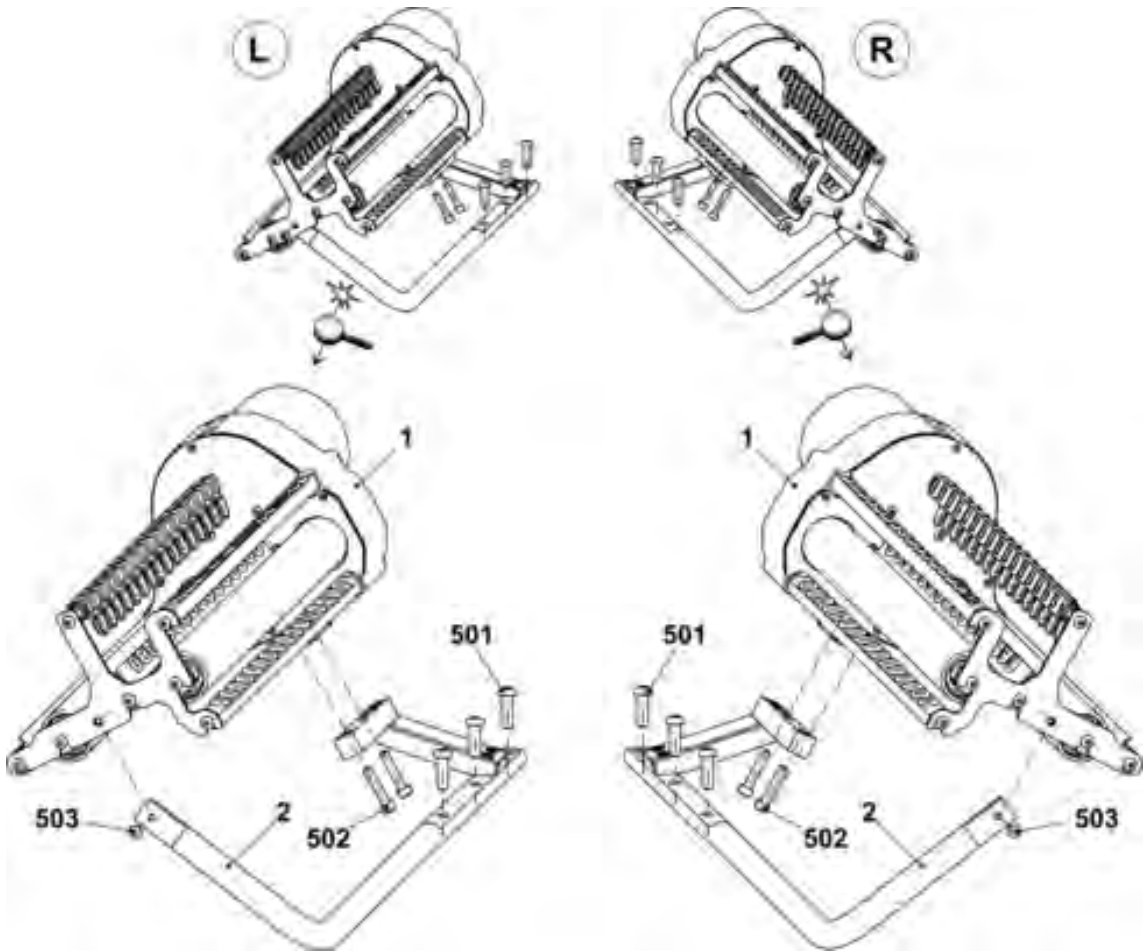
Pos	Designation	ID		Pos	Designation	ID
Σ	Yarn guide system					
4	Yarn guide bar 84"	236 932		11	Yarn guide bracket complete	241 581
5	Support on the left	243 602		500	Self-locking screw M6x12	023 415
6	Support on the right	243 603		501	Ribbed safety nut M6-10	023 414
7	Support	239 295		502	Square nut M8	023 269
10	Yarn control device	237 124		503	Countersunk screw M8x16	023 113



17.14 Friction feed wheel on the left and on the right co.

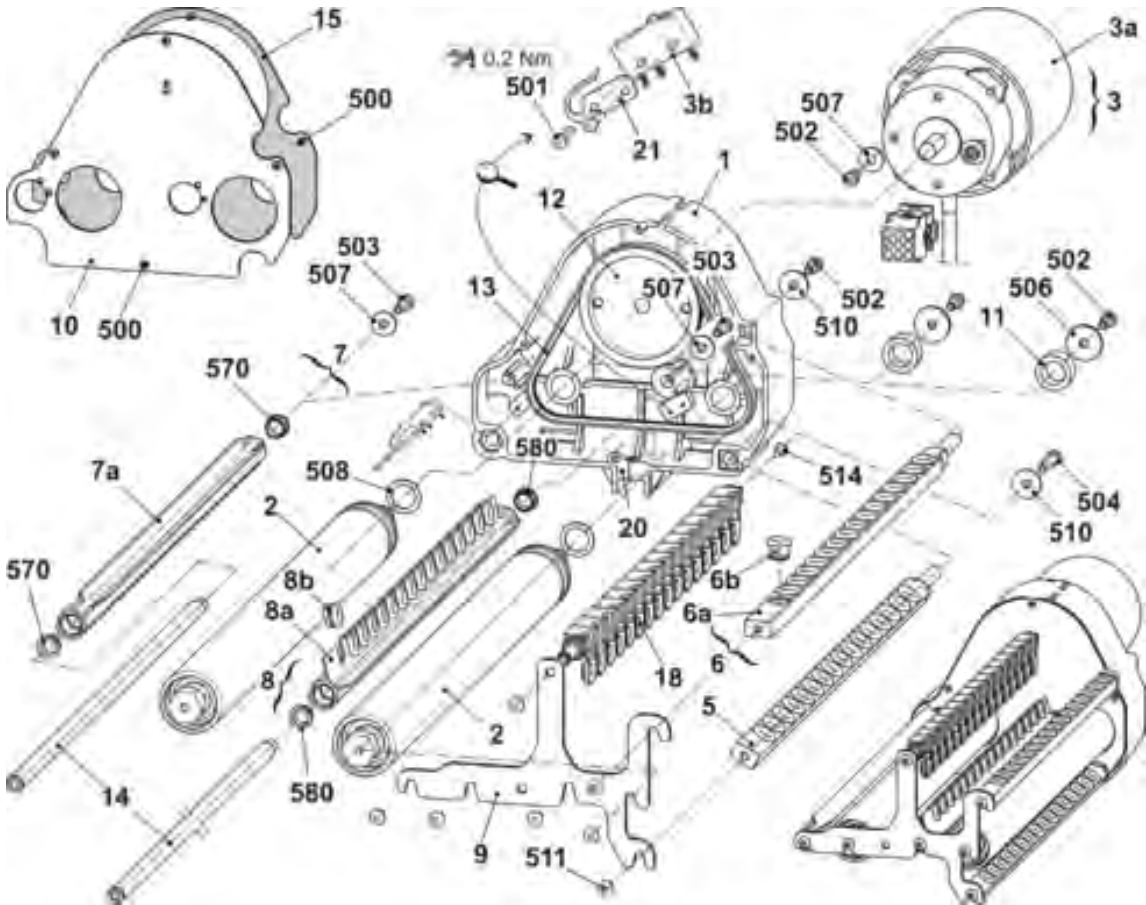
17.14 Friction feed wheel on the left and on the right co.

Pos	Designation	ID		Pos	Designation	ID
ΣL	Friction feed wheel on the left co. 16-fold	244 991		ΣR	Friction feed wheel on the right co. 16-fold	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 on the right	244 142
501	Countersunk screw M8x25	023 027		501	Countersunk screw M8x25	023 027
502	Cap screw M6x16	020 135		502	Cap screw M6x16	020 135
503	Countersunk screw M5x8	239 408		503	Countersunk screw M5x8	239 408



17.14.1 Friction feed wheel on the left

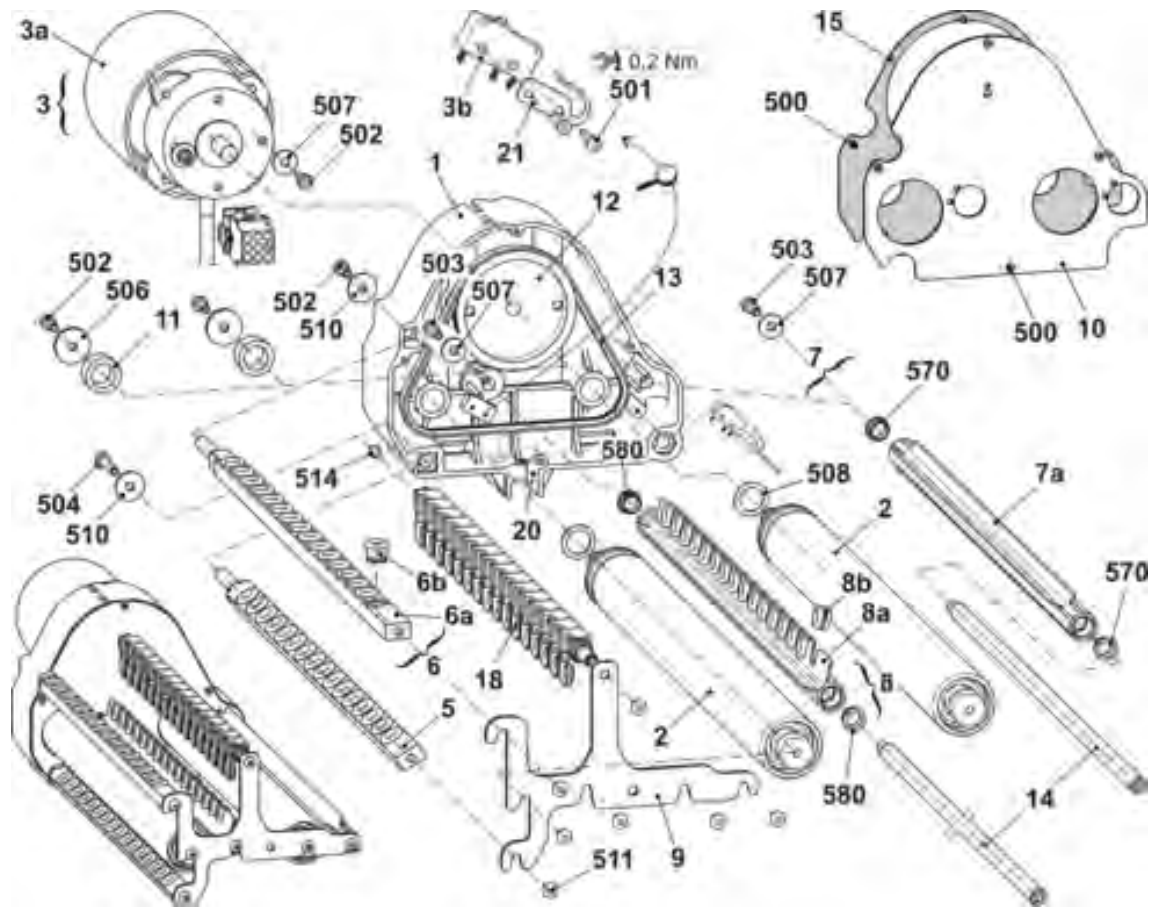
Pos	Designation		Id		Pos	Designation		Id
Σ	Friction feed wheel 16 fold on the left complete		244 185		11	Bush		221 391
1	Housing		240 368		12	Ribbed V-belt pulley		221 268
2	Friction roller complete		243 860		13	Ribbed V-belt		206 927
3	Three-phase A.C. motor 3x42V complete		219 800		14	Rod		243 868
	3a	Three-phase A.C. motor	220 161		15	Cover		230 758
	3b	Microswitch	008 664		18	Deflector complete 16-fold		250 102
5	Yarn guide rod 16-fold complete		244 576		20	Grounding plate		256 622
6	Yarn guide rod 16-fold complete		244 578		21	Spring plate		256 702
	6a	Yarn guide rod 16-fold	244 577		500	Screw KB 30x8		236 228
	6b	Ceramic eyelet	240 640		501	Screw M20x10		244 736
7	Stop motion rail on the right complete		243 863		502	Cap screw M5x12		020 132
	7a	Stop motion rail on the right	243 864		503	Cap screw M5X16		022 726
	570	Slide bearing GFM-101214-07	023 627		504	Cap screw M5X25		023 523
8	Stop motion rail on the left complete		243 865		506	Washer 6.1x9x0.5		023 219
	8a	Stop motion rail on the left	243 866		507	U-washer 5		020 901
	8b	Eyelet	230 662		508	Shim ring 15x21x1		023 216
	580	Slide bearing GFM-101214-07	023 627		510	U-washer 5		023 542
9	Strap		251 113		511	Countersunk screw M5x8		239 408
10	Cover		251 098		514	Pan-head screw M4x8		023 579



17.14 Friction feed wheel on the left and on the right co.

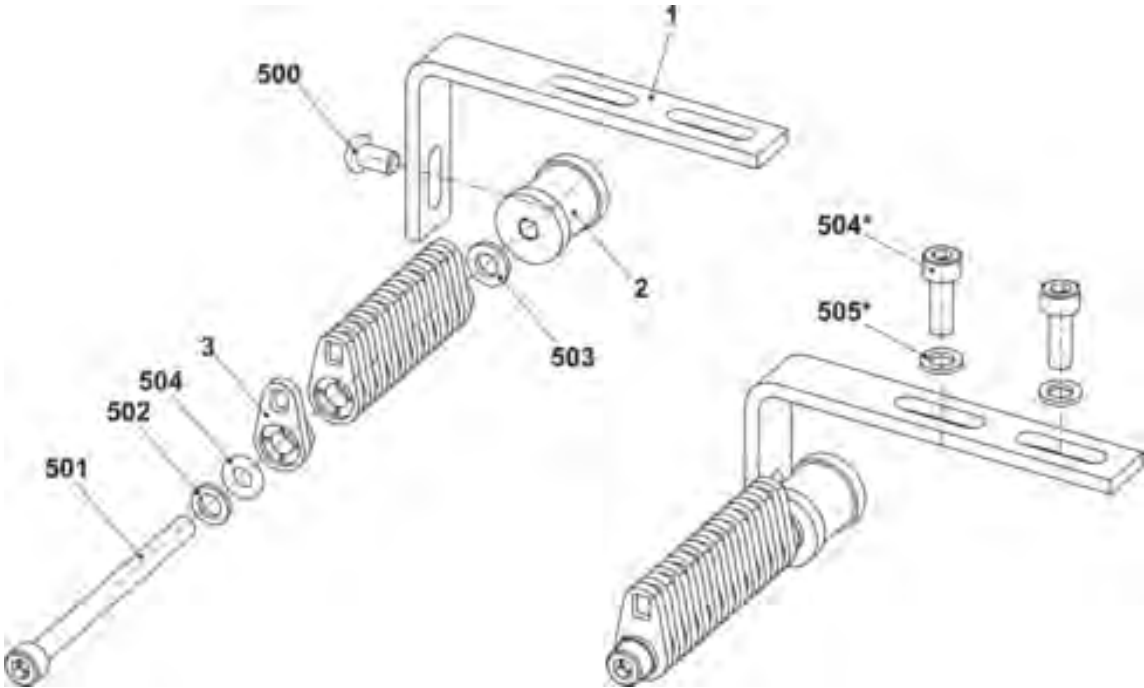
17.14.2 Friction feed wheel on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the right complete	244 186	11	Bush	221 391
1	Housing	240 368	12	Ribbed V-belt pulley	221 268
2	Friction roller complete	243 860	13	Ribbed V-belt	206 927
3	Three-phase A.C. motor 3x42V complete	219 800	14	Rod	243 868
	3a Three-phase A.C. motor	220 161	15	Cover	230 758
	3b Microswitch	008 664	18	Deflector complete 16-fold	250 102
5	Yarn guide rod 16-fold complete	244 772	20	Grounding plate	256 622
6	Yarn guide rod 16-fold complete	244 578	21	Spring plate	256 702
	6a Yarn guide rod 16-fold	244 577	500	Screw KB 30x8	236 228
	6b Ceramic eyelet	240 640	501	Screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5X16	022 726
	570 Slide bearing GFM-101214-07	023 627	504	Cap screw M5X25	023 523
8	Stop motion rail on the right complete	244 530	506	Washer 6.1x9x0.5	023 219
	8a Stop motion rail on the right	244 531	507	U-washer 5	020 901
	8b Eyelet	230 662	508	Shim ring 15x21x1	023 216
	580 Slide bearing GFM-101214-07	023 627	510	U-washer 5	023 542
9	Strap	251 113	511	Countersunk screw M5x8	239 408
10	Cover	251 098	514	Pan-head screw M4x8	023 579



17.15 Thread deflector on the left

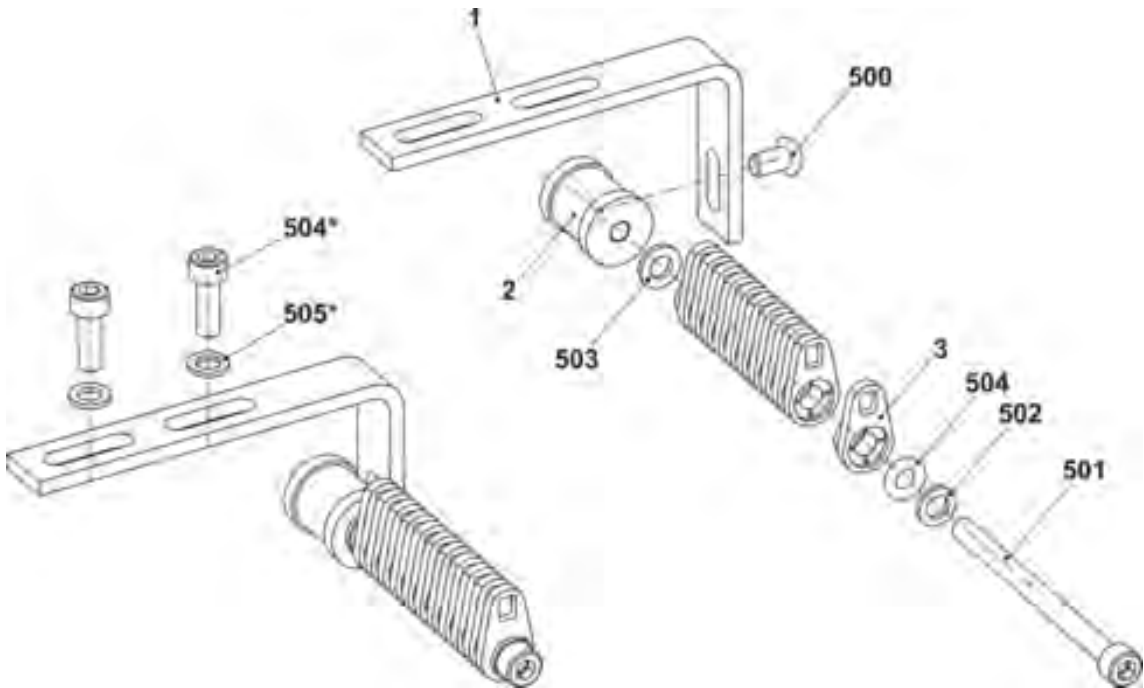
Pos	Designation	ID No.		Pos	Designation	ID No.
Σ	Yarn deflector on the left complete	244 517				
1	Support angle	244 516		502	U-washer 6	020 881
2	Bolt	214 894		503	U-washer 6	022 853
3	Yarn carrier MH 6	200 127		504	O-ring 6x3	022 856
500	Countersunk screw M6x10	023 183		504*	Cap screw M6X14	022 658
501	Cap screw M6x80	023 064		505*	U-washer 6	020 881



17.16 Yarn deflector on the right

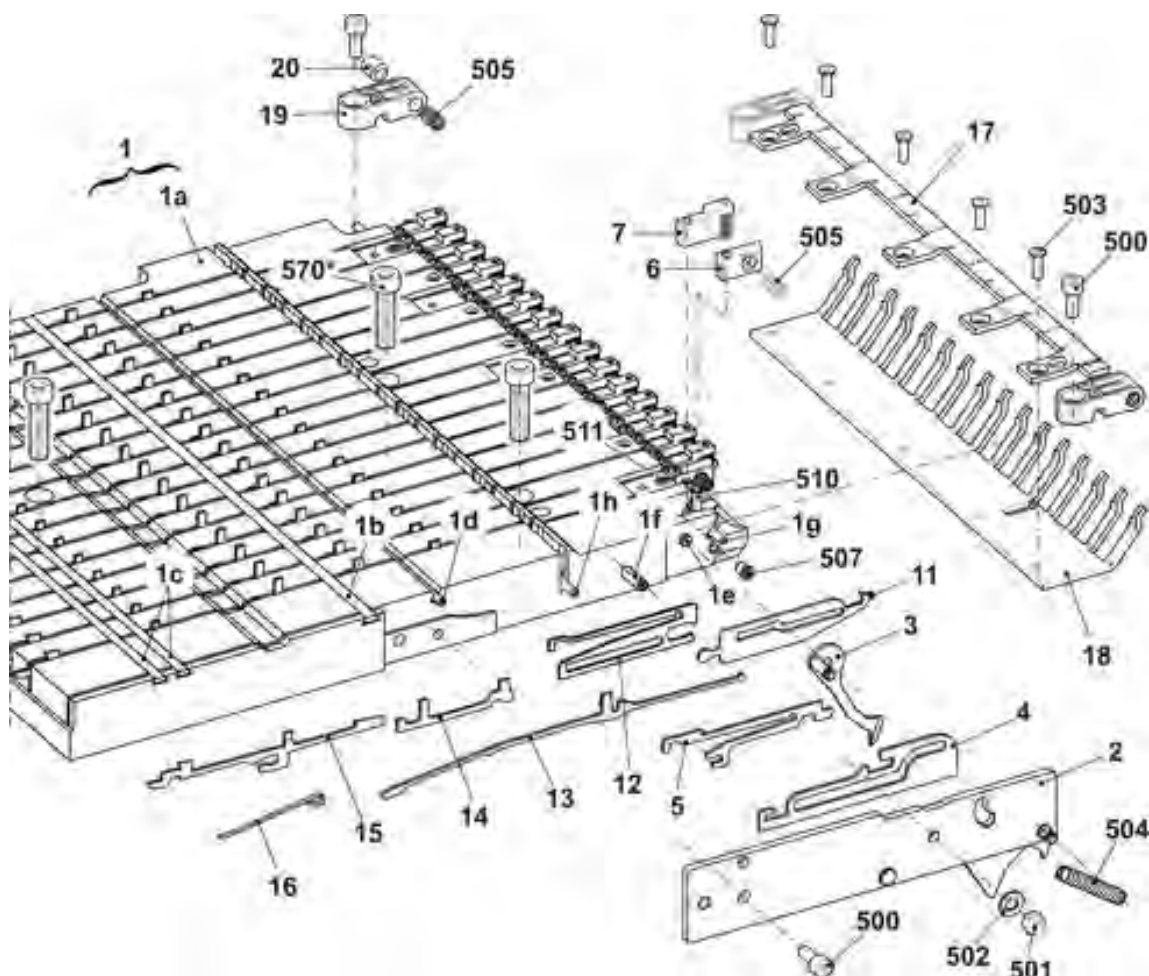
17.16 Yarn deflector on the right

Pos	Designation	ID No.		Pos	Designation	ID No.
Σ	Yarn deflector on the right complete	244 521				
1	Support angle	244 516		502	U-washer 6	020 881
2	Bolt	214 894		503	U-washer 6	022 853
3	Yarn carrier MH 6	200 127		504	O-ring 6x3	022 856
500	Countersunk screw M6x10	023 183		504*	Cap screw M6X14	022 658
501	Cap screw M6x80	023 064		505*	U-washer 6	020 881



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

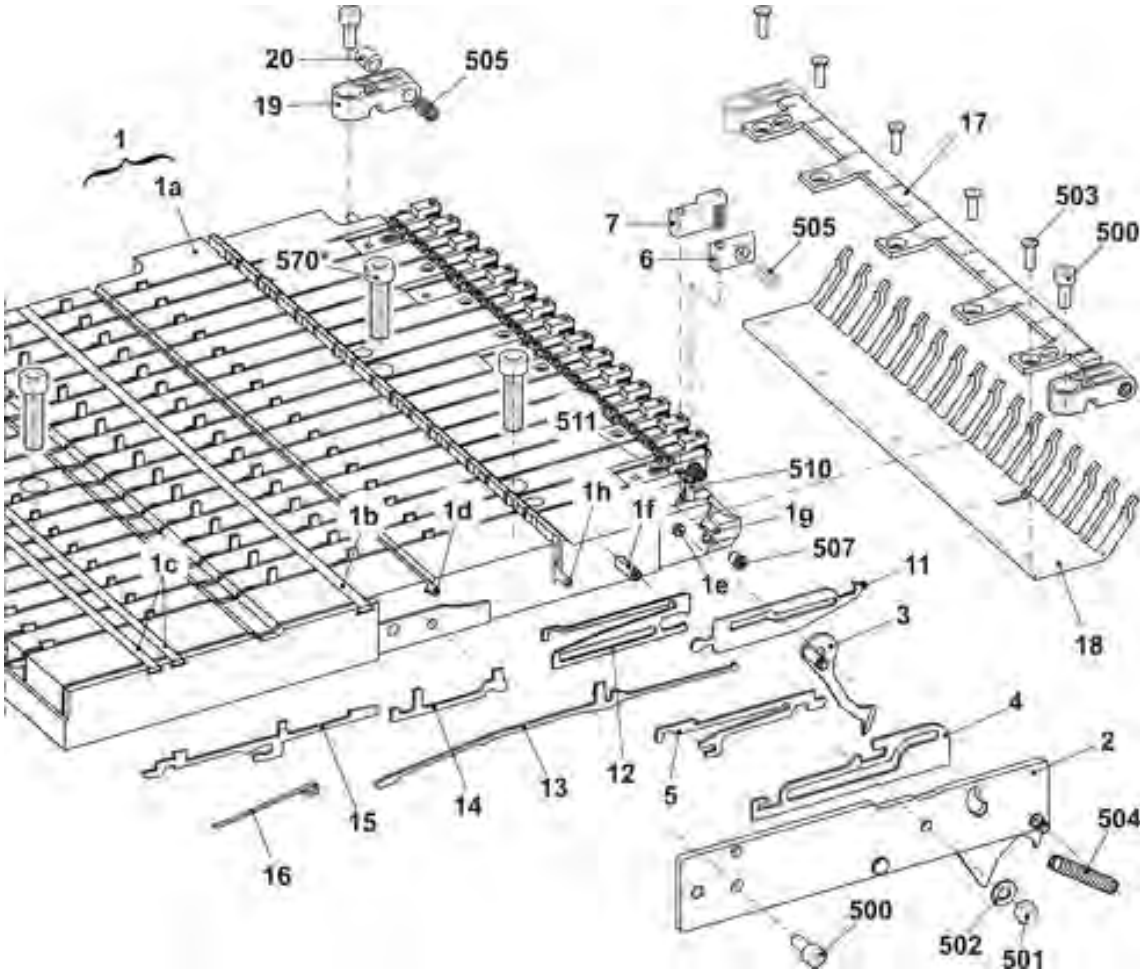
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed on the left E3	253 682	11	Tuck needle on the left E5-14	244 630
1	Guide plate on the left E5-14	257 236	12	Intermediate cam E10-14	244 591
1a	Guide plate on the left E10-14	257 232	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14	Intermediate slider with brake E5-8	255 534
1c	Cover rail	243 924	15	Selection jack E4-8	200 687
1d	Fixed wire	243 925	16	Selector spring E4-8	200 690
1e	Axle	257 201	17	Holding strip on the left	256 996
F 1	Guide pin	211 351	18	Deflector plate on the left	255 556
1g	Fixed wire	215 927	19	Spring holder	255 724
1h	Fixed wire	244 589	20	Threaded bolt	255 723
510	Setting pin 3x14	252 771	500	Cap screw M4x10	023 136
511	Set screw M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the left complete E10-14	251 120	502	U-washer 4	020 870
3	Catch hook on the left E10-18	255 622	503	Countersunk 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	Sprung thrust piece	023 403
7	Clamp on the left complete	244 633	570*	Cap screw M6x20	244 824



17.18 Left clamping/cutting bed E16|E18|E8.2

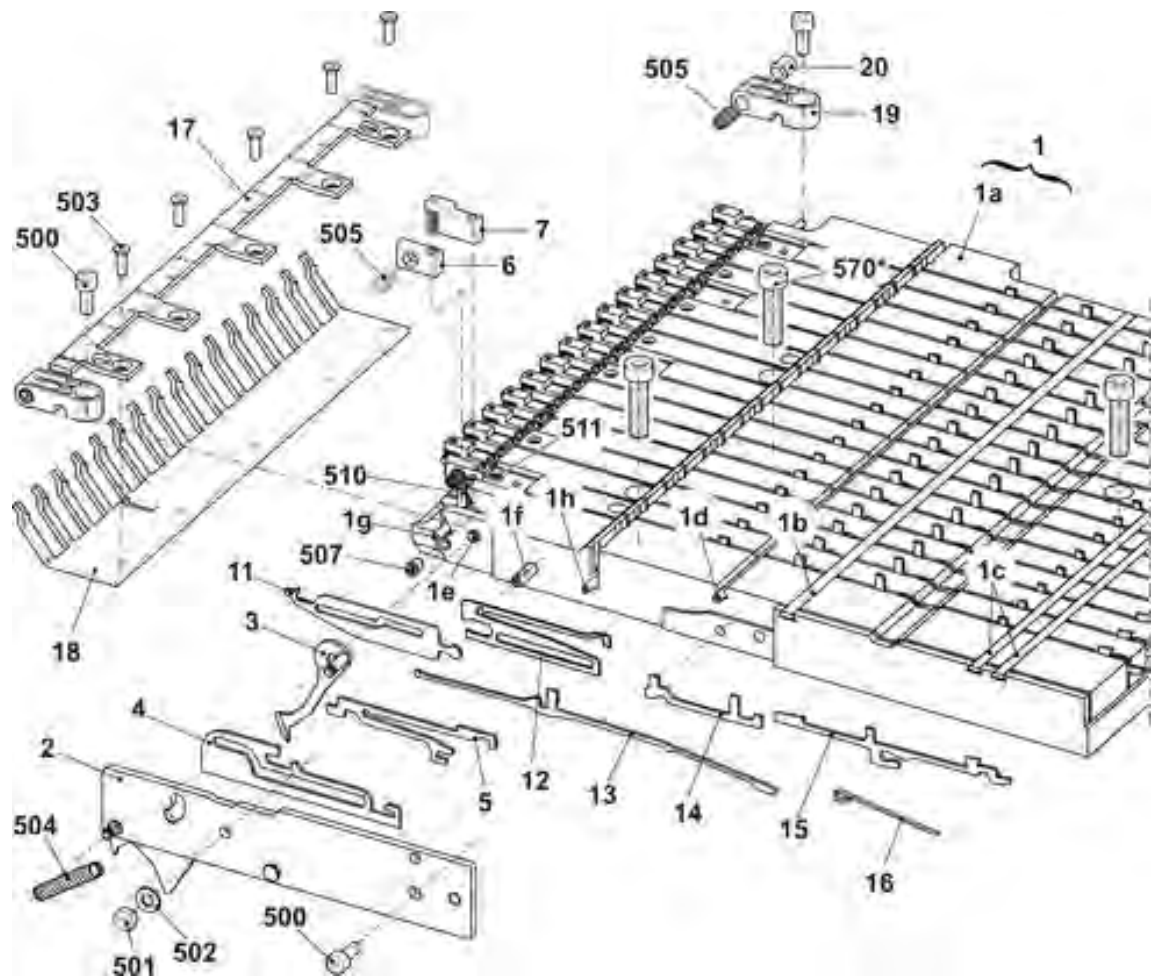
17.18 Left clamping/cutting bed E16|E18|E8.2

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



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

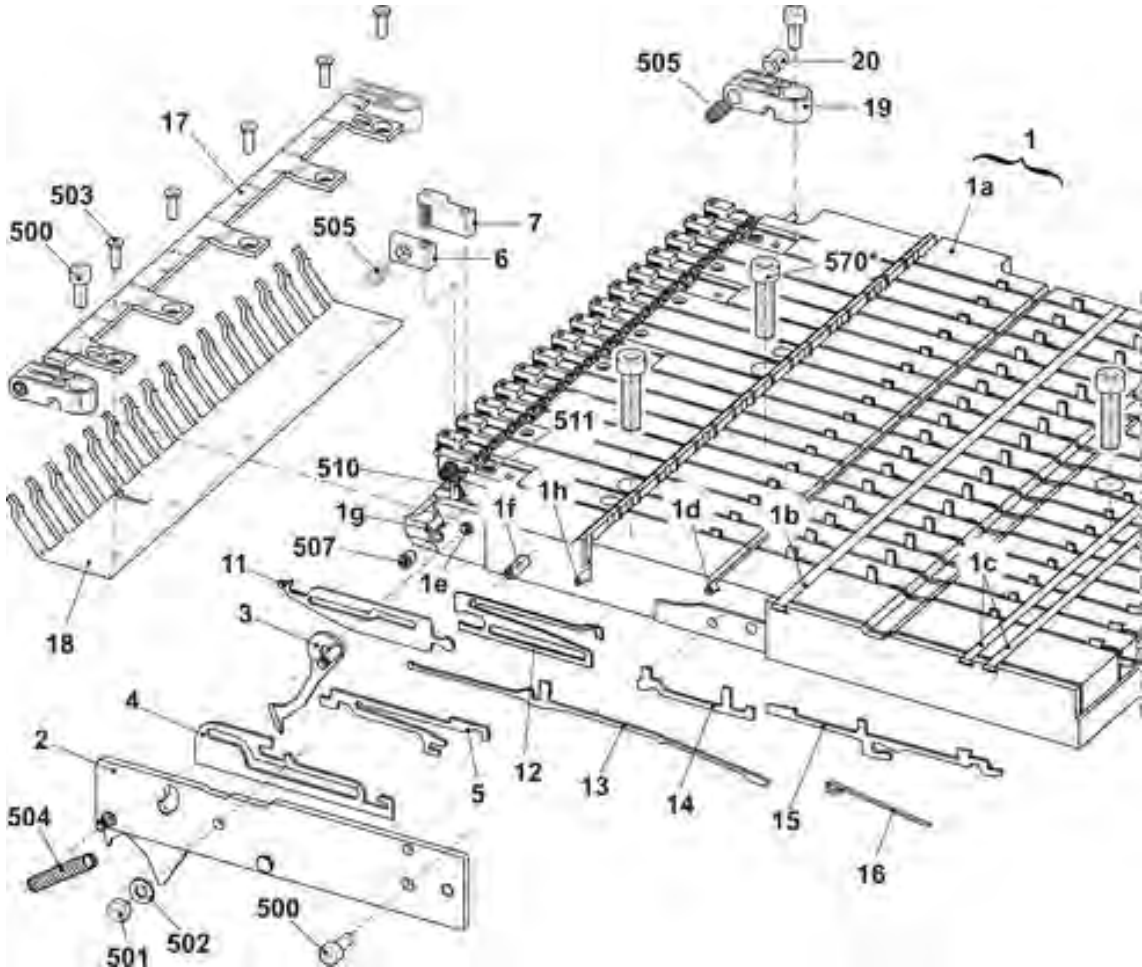
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed E10-14 on the right	253 681	11	Tuck needle on the right E10-14	244 592
1	Guide plate on the right E5-14	257 235	12	Intermediate cam E10-14	244 591
1a	Guide plate on the right E5-14	257 231	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14	Intermediate slider with brake E5-8	255 534
1c	Cover rail	243 924	15	Selection jack E4-8	200 687
1d	Fixed wire	243 925	16	Selector spring E4-8	200 690
1e	Axle	257 201	17	Holding strip on the right	256 995
F 1	Guide pin	211 351	18	Deflector plate on the right	255 555
1g	Fixed wire	215 927	19	Spring holder	255 724
1h	Fixed wire	244 589	20	Threaded bolt	255 723
510	Setting pin 3x14	252 771	500	Cap screw M4x10	023 136
511	Set screw M5x5	236 061	501	Hexagon nut M4	023 046
2	Cover on the right complete E10-14	251 119	502	U-washer 4	020 870
3	Catch hook on the right E10-18	255 620	503	Countersunk 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	Sprung thrust piece	023 403
7	Clamp on the right complete	244 602	570*	Cap screw M6x20	244 824



17.20 Right clamping/cutting bed E16|E18|E8.2

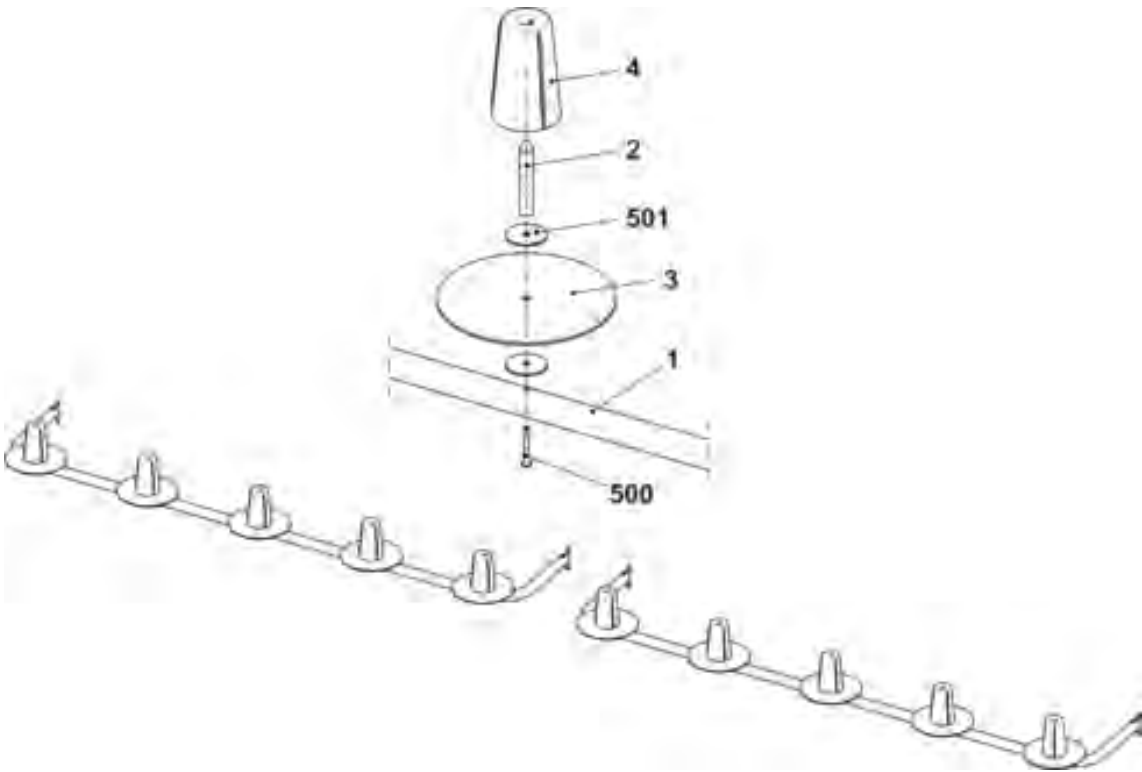
17.20 Right clamping/cutting bed E16|E18|E8.2

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



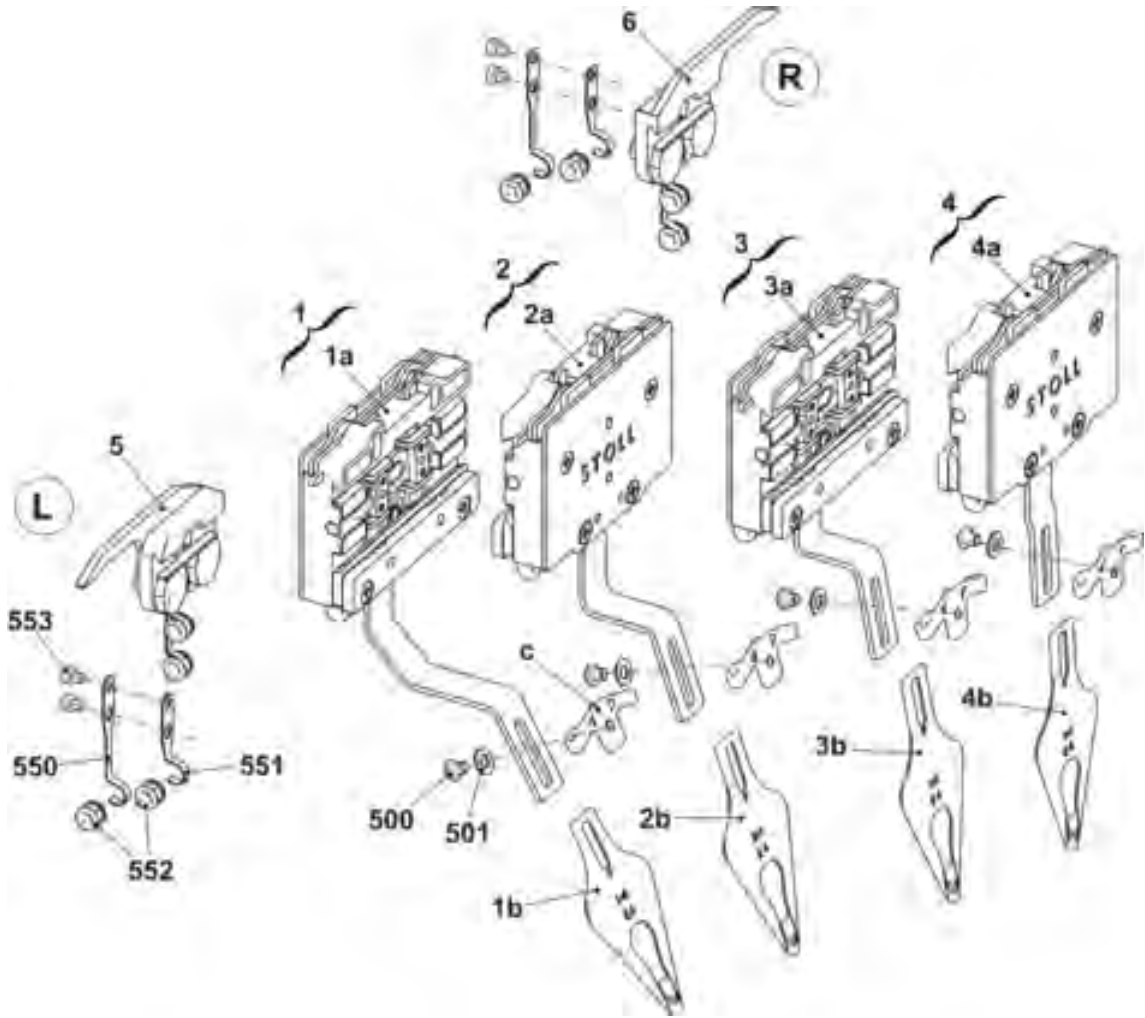
17.21 Additional board

Pos	Designation	ID		Pos	Designation	ID
Σ	Additional board 7XX/8XX	241 928				
1	Additional board welded	241 927		4	Bobbin support	200 363
2	Positioning pin	202 777		500	Countersunk screw M4x30	023 681
3	Disc D=130	062 385		501	Washer 5.3x30x1.25	023 556



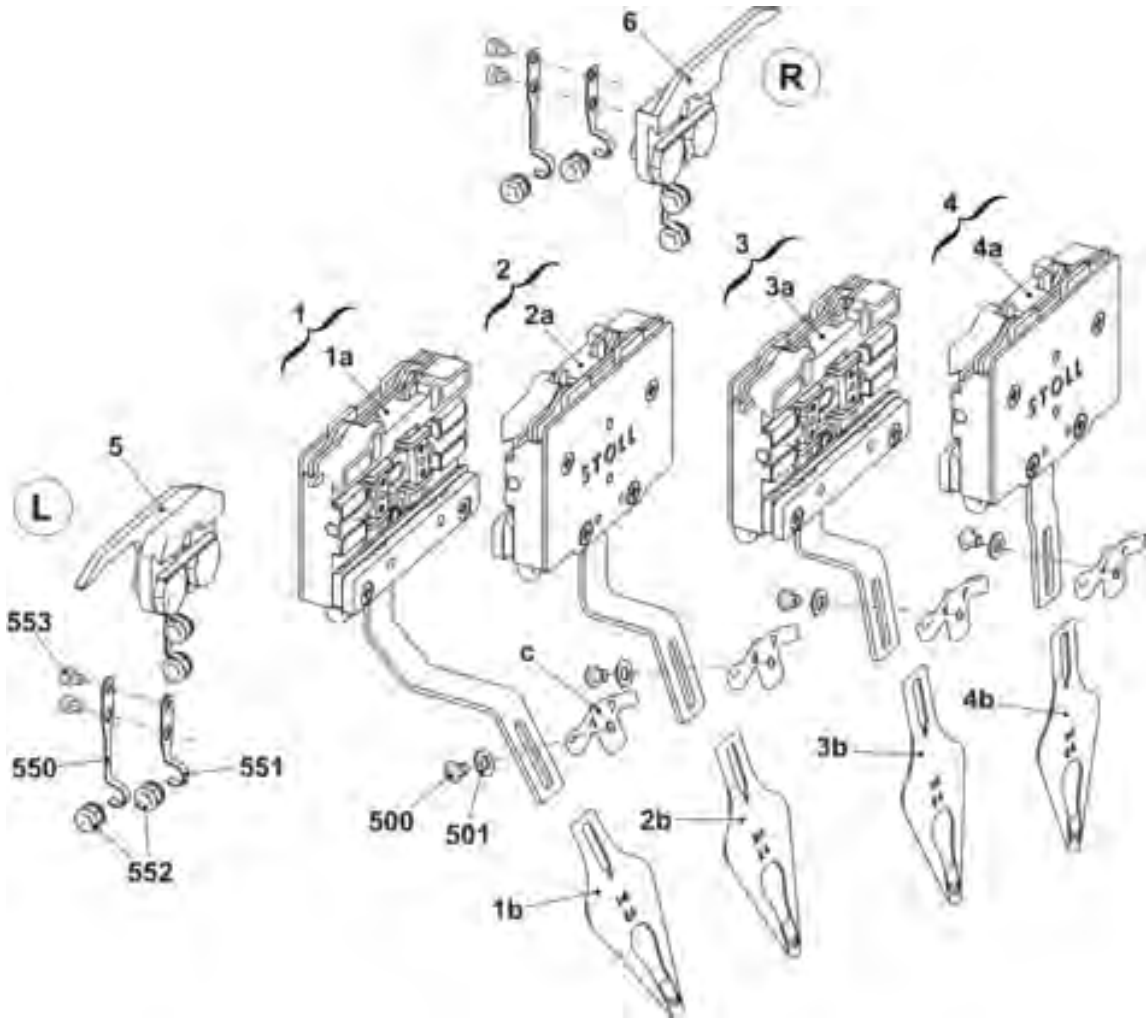
17.22 Yarn guide complete (32 IFF) E6.2

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)	250 323	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	250 315		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)	250 324		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (8 pieces)	250 325	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E7-8 (8 pieces)	250 326			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



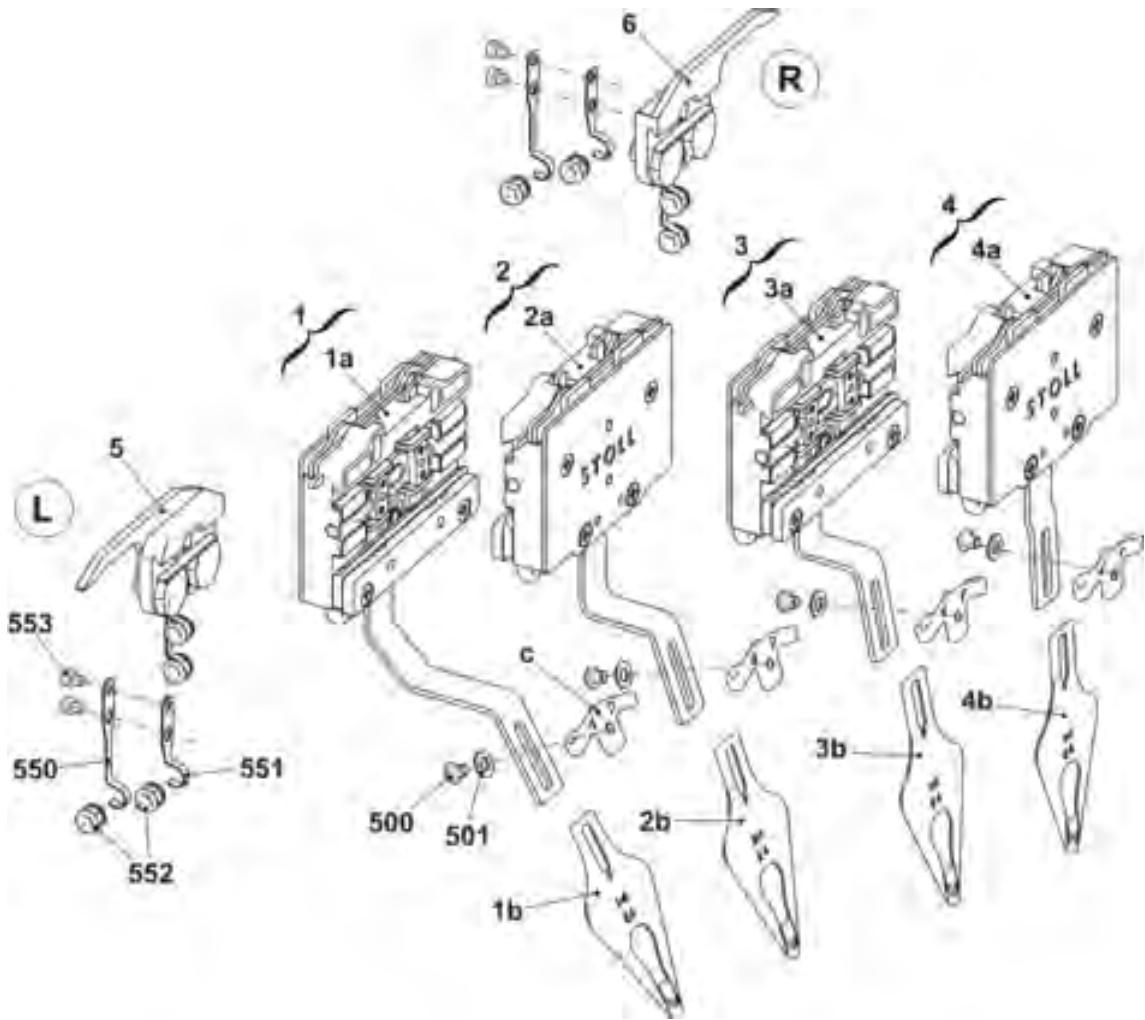
17.23 Yarn guide complete (32 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E10-14 IFF	245 163			
1	IFF carriage complete 1+8 E10-14 (8 pieces)	250 327	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	250 008		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (8 pieces)	250 328		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E10-14	250 009	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (8 pieces)	250 329	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E10-14	250 010	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E10-14 (8 pieces)	250 330			
	4a IFF carriage E10-14	250 318			
	4b Yarn carrier head 3-6 complete E10-14	250 010			



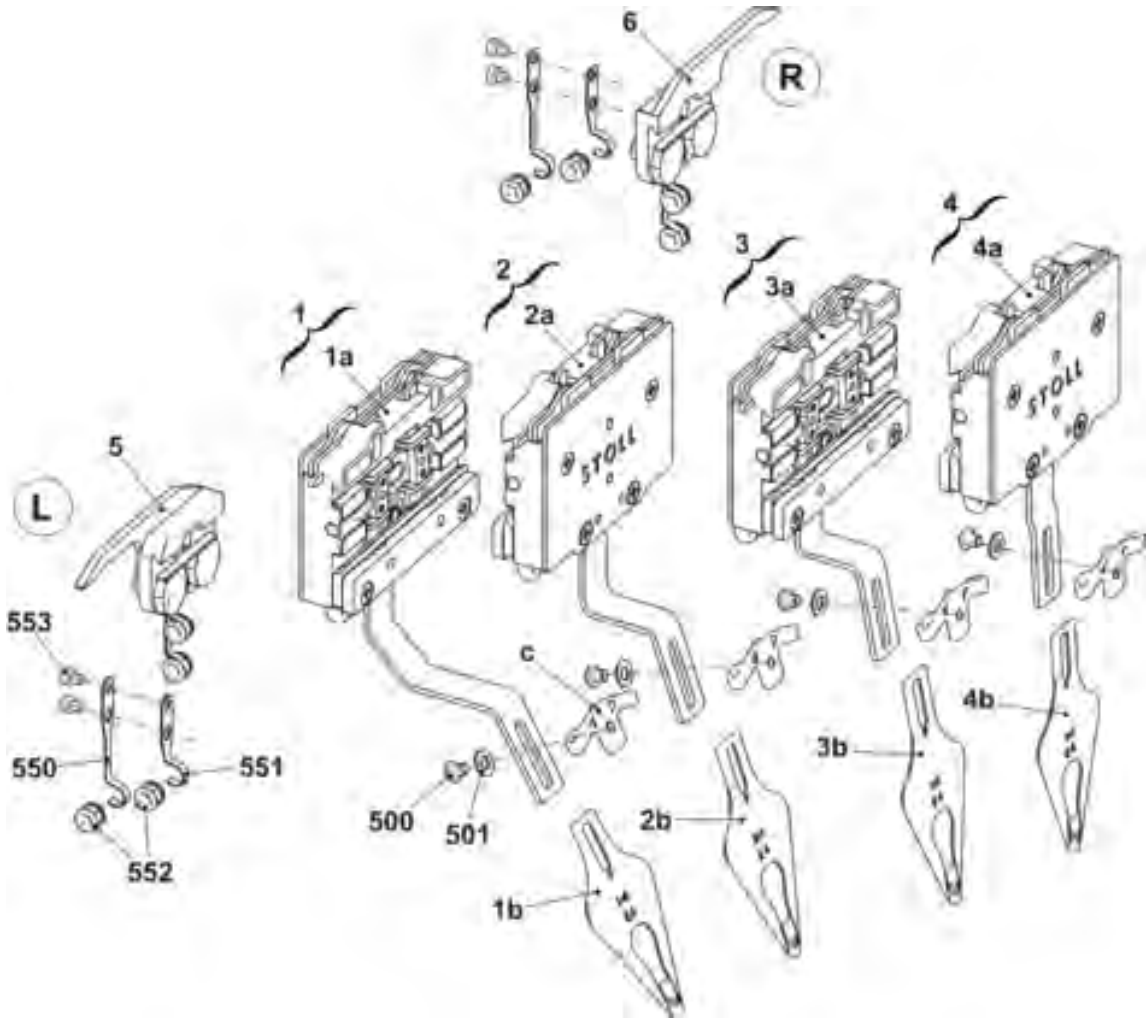
17.24 Yarn guide complete (32 IFF) E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E16-18 IFF	245 164			
1	IFF carriage complete 1+8 E16-18 (8 pieces)	250 331	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	250 011		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (8 pieces)	250 332		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E16-18	250 012	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (8 pieces)	250 333	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E16-18	250 013	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E16-18 (8 pieces)	250 334			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E16-18	250 013			



17.25 Yarn guide complete (24 IFF) E6.2

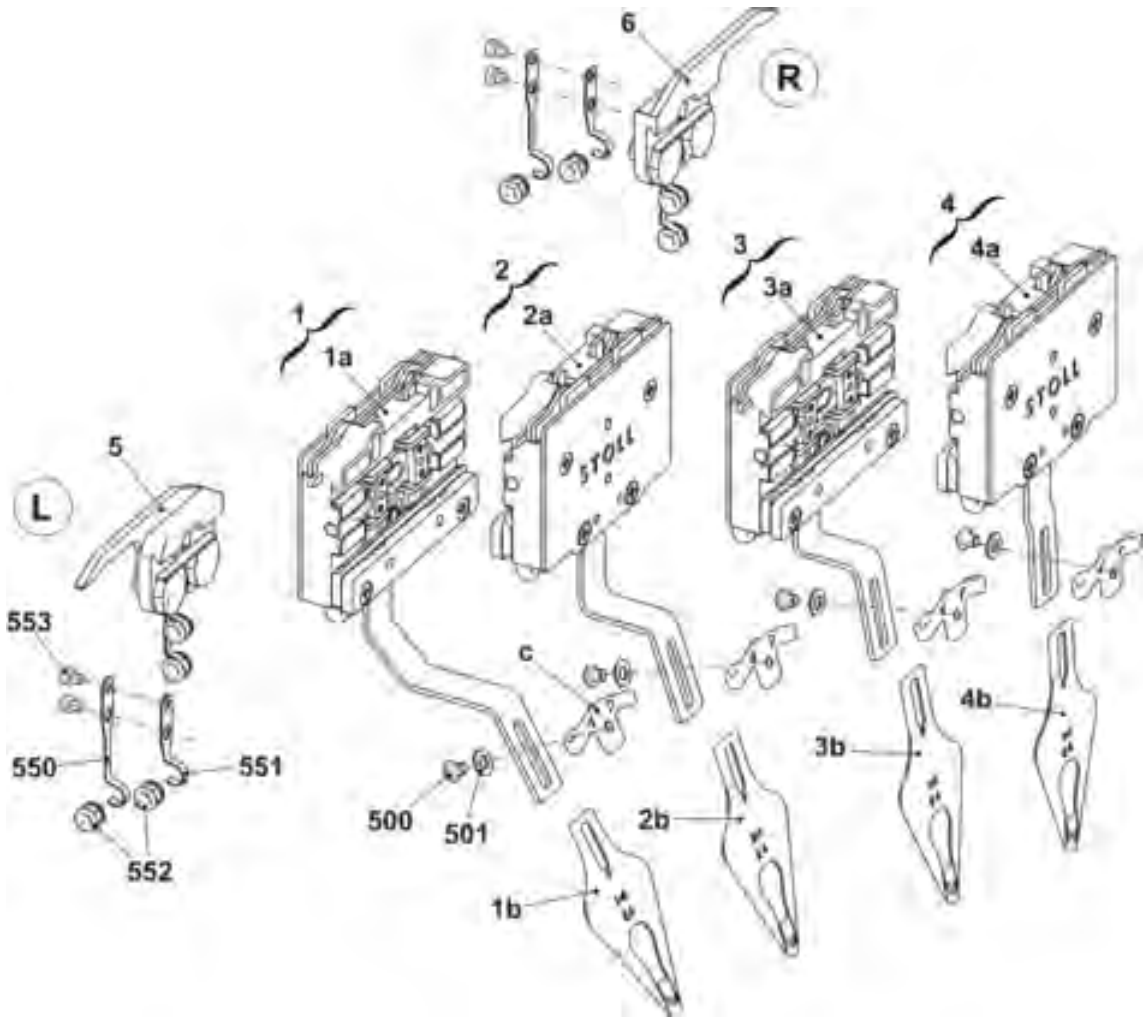
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFF carriage complete 1+8 E7-8 (6 pieces)	250 323	5	Limiters on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8 (6 pieces)	250 324		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		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)	250 325	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E7-8 (6 pieces)	250 326			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



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

17.26 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)	250 327	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	250 008		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (6 pieces)	250 328		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E10-14	250 009	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (6 pieces)	250 329	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E10-14	250 010	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E10-14 (6 pieces)	250 330			
	4a IFF carriage E10-14	250 318			
	4b Yarn carrier head 3-6 complete E10-14	250 010			



17.27 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)	250 331	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	250 011		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (6 pieces)	250 332		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E16-18	250 012	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (6 pieces)	250 333	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E16-18	250 013	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E16-18 (6 pieces)	250 334			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E16-18	250 013			

