

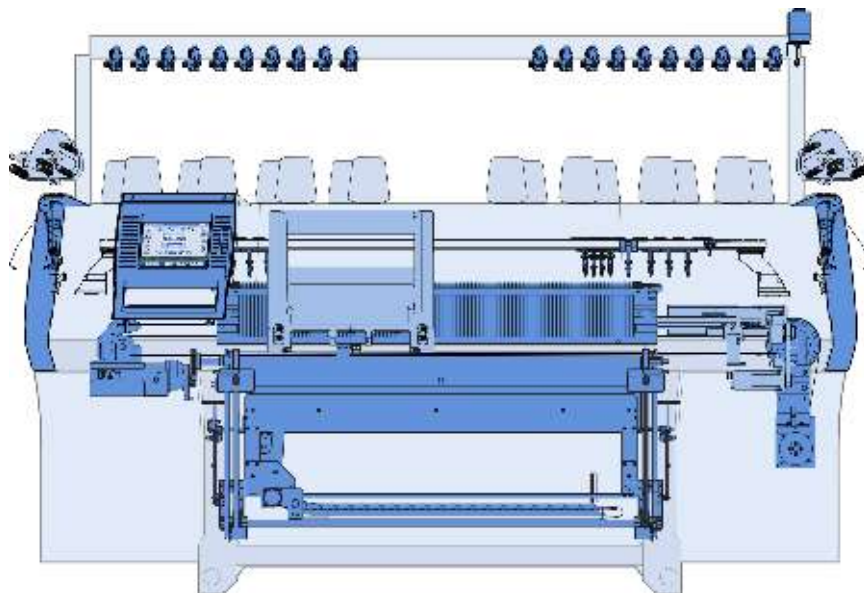
STOLL

Spare-parts catalog

CMS 530 (Type 642)

Component type 003

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



Document-no. 267661_03_EN

Release 2017/02

1 Introduction

Imprint

All rights reserved.

The utilisation of texts and pictures, also in extracts, without our agreement is unfavourable to the copyright.

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

The indications of this catalog are without liability.

©

H. Stoll AG & Co.KG

Stollweg 1

D-72760 Reutlingen, Germany

Phone: +49 (07121) 313-289

Fax: +49 (07121) 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.

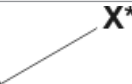
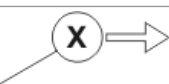
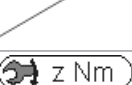
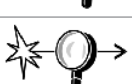
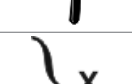
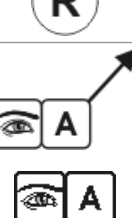
When ordering spare parts we imperatively ask for the following indications as otherwise a delivery of spare parts is not possible:

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

Only genuine STOLL spare parts may be used for repairs.

1.1 Search help

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

Symbol	Meaning
	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 side or view.
	Indicates the right-hand side or view.
	Indicates a sectional drawing or a view in the viewing direction.

1.2 Torques

Preferential row of screw torques

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

Drehmomente Torques Couples Coppias Momentos de rotación [Nm] $\pm 10\%$ (für $\mu_{ges} = 0,12$)		Festigkeitsklassen Property class Classes de résistance Classi di resistenza Clasas 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	

Table of Contents

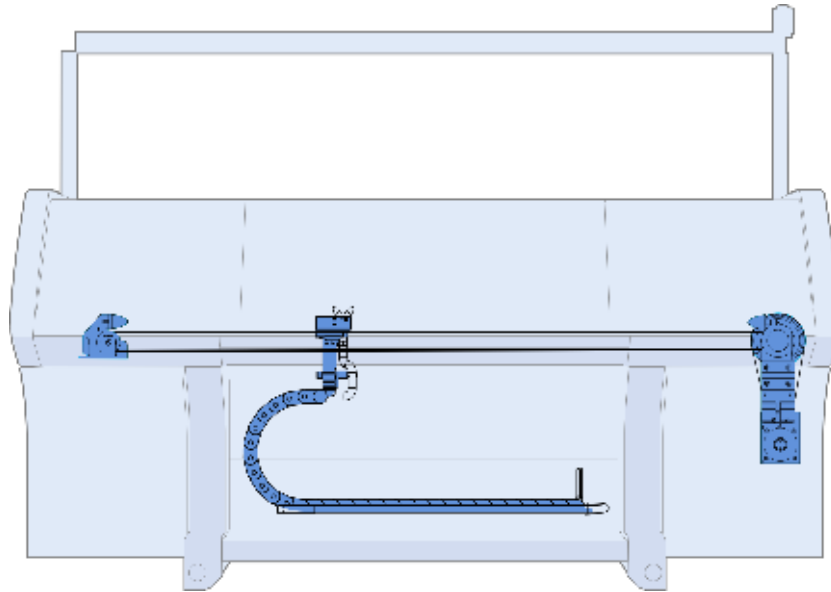
1	Introduction	3
1.1	Search help	4
1.2	Torques	5
2	Carriage drive	11
2.1	Drive	12
2.1.1	Motor and belt drive	13
2.1.2	Tension bearing	14
2.2	Energy chain and carriage driver	15
3	Racking	17
3.1	Racking	18
4	Needle beds	19
4.1	Needle bed E10	20
4.1.1	Continuation needle bed E10	21
4.2	Needle bed E12	22
4.2.1	Continuation needle bed E12	23
4.3	Needle bed E14	24
4.3.1	Continuation needle bed E14	25
4.4	Needle bed E16	26
4.4.1	Continuation needle bed E16	27
4.5	Needle bed E18	28
4.5.1	Continuation needle bed E18	29
4.6	Needle bed E6.2 (12m.10)	30
4.6.1	Continuation needle bed E6.2(12m.10)	31
4.7	Needle bed E14/12	32
4.7.1	Continuation needle bed E14/12	33
4.8	Needle bed E6.2 mg	34
4.8.1	Continuation needle bed E6.2 mg	35
4.9	Needle bed E7.2 mg	36
4.9.1	Continuation needle bed E7.2 mg	37
4.10	Needle bed E8.2 mg	38
4.10.1	Continuation needle bed E8.2 mg	39
4.11	Needle bed E7.2 k&w	40
4.11.1	Continuation needle bed E7.2 k&w	41
4.12	Needle beds, fixing elements	42
4.13	Cover	43
4.14	Left clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	44
4.15	Left clamping and cutting bed E16 E18 E8.2	45
4.16	Right clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	46
4.17	Right clamping and cutting bed E16 E18 E8.2	47
5	Carriage	49
5.1	Overview of carriage	50
5.2	Carriage assembly	51
5.3	Carriage cover	52
5.4	Carriage guide	53
5.5	Spare parts package carriage guide bar	54
5.6	Brush holder	55
5.7	Yarn carrier driving without guide part	56
5.8	Yarn carrier driving with guide part	57
5.9	Holding-down jack control	58
5.10	Needle detector	59
5.11	Cam box E10	60
5.11.1	Cams E10	61
5.12	Cam box E12	62
5.12.1	Cams E12	63
5.13	Cam box E14 E14/12	64

5.13.1	Cams E14 E14/12	65
5.14	Cam box E16 E18	66
5.14.1	Cams E16 E18	67
5.15	Cam box E6.2 mg	68
5.15.1	Cams E6.2 mg	69
5.16	Cam box E7.2 mg	70
5.16.1	Cams E7.2 mg	71
5.17	Cam box E8.2 mg	72
5.17.1	Cams E8.2 mg	73
5.18	Cam box E12m.10	74
5.18.1	Cams E12m.10	75
5.19	Cam box E7.2 k&w	76
5.19.1	Cams E7.2 k&w	77
6	Main take-down	79
6.1	Main take-down	80
6.1.1	Main take-down on the left	81
6.1.2	Main take-down on the right	83
6.1.3	Main take-down in the middle	86
7	Auxiliary Take-down	91
7.1	Auxiliary Take-down	92
7.2	Auxiliary take-down pre-assembled	93
7.2.1	Right bearing of the auxiliary take-down	94
7.2.2	Left bearing of the auxiliary take-down	95
7.3	Motor	96
7.4	Yarn brake at clamping and cutting bed	97
8	Comb Take-down	99
8.1	Take-down comb	100
8.2	Comb take-down on the left	101
8.3	Comb take-down on the right	102
8.3.1	Drive shaft of comb	103
8.3.2	Swivel lever comb take-down	104
8.4	Comb take-down in the middle	105
8.4.1	Comb unit	106
8.4.2	Switching lever comb take-down	107
9	Belt Take-Down	109
9.1	Belt Take-Down	110
9.2	Belt	111
9.3	Drive unit	112
9.4	Support on the left	113
9.5	Winding guard	114
9.6	Yarn brakes	115
10	Yarn delivery device	117
10.1	Yarn guide system with 14 FKE	118
10.2	Yarn guide system with 18 and 20 FKE	119
10.3	Yarn control device	120
10.4	Left yarn guide E10 E12 E14 E16 E18 E14/12 E6.2(12m.10) E7.2 E8.2	121
10.4.1	Yarn tensioner on the left E10 E12 E14 E16 E18 E14/12 E6.2(12m.10) E7.2 E8.2	122
10.4.2	Yarn deflector on the left	124
10.5	Left yarn guide E6.2	125
10.5.1	Left yarn tensioner E6.2	126
10.6	Right yarn guide E10 E12 E14 E16 E18 E14/12 E6.2(12m.10) E7.2 E8.2	128
10.6.1	Yarn tensioner on the right E10 E12 E14 E16 E18 E14/12 E6.2(12m.10) E7.2 E8.2	129
10.6.2	Yarn deflector on the right complete	131
10.7	Right yarn guide E6.2	132
10.7.1	Right yarn tensioners E6.2	133
10.8	Bobbin board	135
10.9	Bar unit	136
10.10	Yarn guide complete	137

10.11	Left friction feed wheel	138
10.12	Right friction feed wheel	139
10.13	Stopping device on the left	140
10.14	Stopping device on the right	141
10.15	Stopping device on the left E6.2	142
10.16	Stopping device on the right E6.2	143
11	Fluff absorption	145
11.1	Fluff absorption	146
11.1.1	Lint container	147
11.1.2	Set of hose	148
11.1.3	Suction tube	149
12	Operation and control	151
12.1	Input unit	152
12.2	Starting device	153
12.2.1	Bearing of the engaging rod	154
12.3	Signal light	155
12.4	Control of Collecting Area	156
12.5	Shock stop motion E10 E12 E14 E6.2 E7.2 E6.2(12m.10) E14/12	157
12.6	Shock stop motion E16 18 E8.2	158
12.7	Measuring device	159
13	Protective devices	161
13.1	Lateral safety doors	162
13.2	Panelling	163
13.3	Rear panel	164
14	Electrical equipment	165
14.1	Circuit diagram (223) as PDF	166
14.2	Trailing cable	167
14.3	Cable set installation part 1	168
14.4	Cable set installation part 2	169
15	Control electronics	171
15.1	Control cabinet	172
16	Deliverable accessories	173
16.1	Accessories standard E5-14	174
16.2	Accessories standard E16-18	175
17	Special attachments	177
17.1	Yarn carrier type 2, E10 12 E14 E7.2 E8.2 E9.2	178
17.2	Yarn carrier type 2, E16 E18	179
17.3	Intarsia yarn carrier type 2, Overview	180
17.3.1	Continuation Intarsia yarn carrier type 2	181
17.4	Plating yarn carrier 3+6	182
17.5	Plating yarn carrier 4+5	183
17.6	Carriage of plating yarn carrier EW43	184
17.7	Carriage of plating yarn carrier (adjustable)	185
17.8	Yarn length measuring device on the left complete	186
17.8.1	Yarn length measuring device	187
17.9	Yarn length measuring device on the right complete	188
17.9.1	Yarn length measuring device on the right	189
17.10	Storage feed wheel MSF-3 complete E10-18	190
17.10.1	Stopping device E10-18	191
17.11	Bobbin holder on the left	192
17.12	Bobbin holder on the right	193
17.13	Additional bobbin board	194
17.14	Sanding Paper Brake	195
17.15	Devoré Kit E6.2	196
17.16	Devoré Kit E7.2	197
17.17	Devoré Kit E10 E12 E14	198

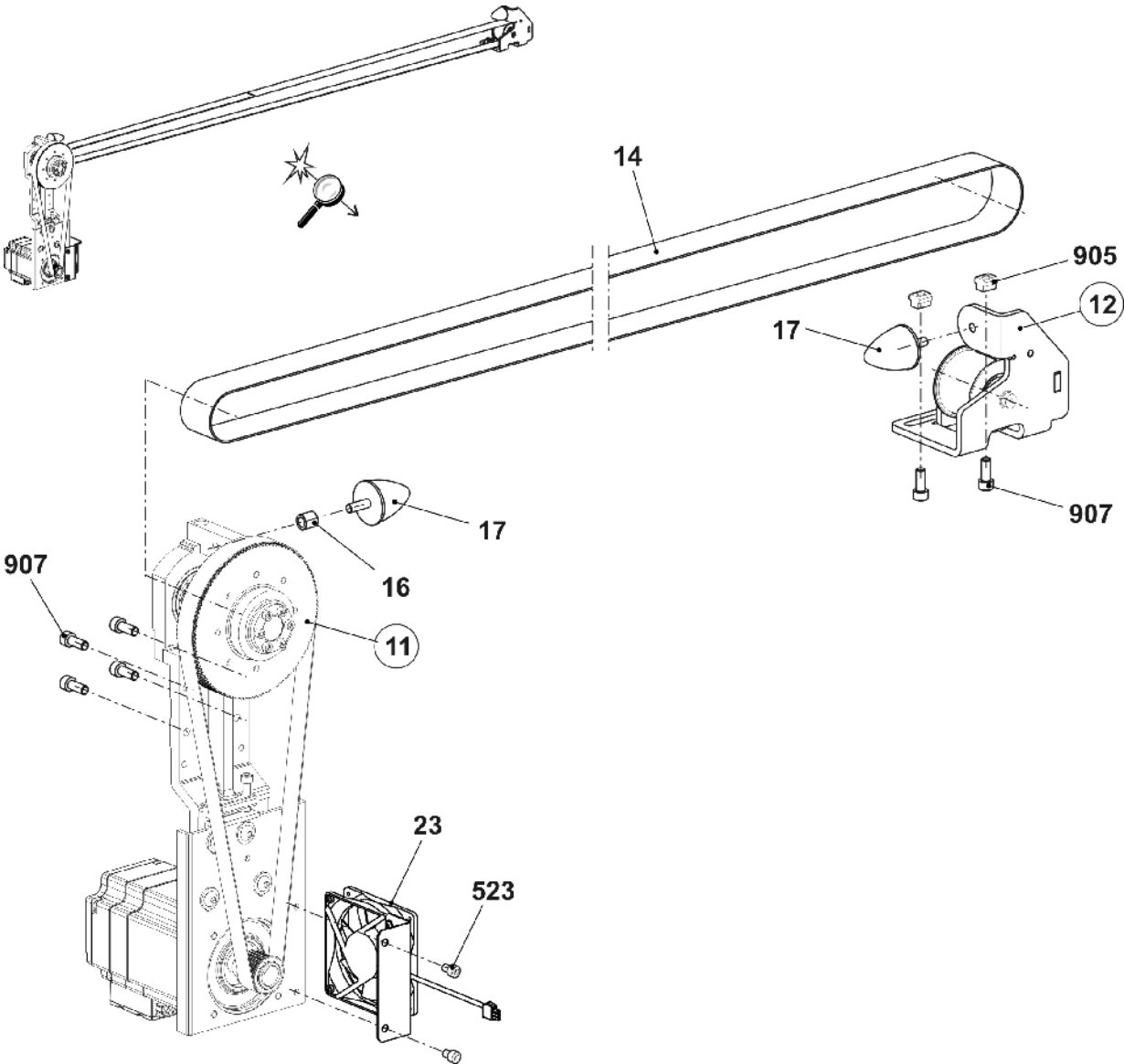
17.18	Adjusting plates, Device needle bed complete	199
18	Conversion kit with 32 and 24 IFF Type 2	201
18.1	Overview of conversion kit with 24 IFF E10 E12 E14 E16 E18 E8.2	202
18.2	Overview of conversion kit with 24 IFF E6.2	204
18.3	Overview of conversion kit with 24 IFF E7.2 E6.2(12m.10) E14/12	205
18.4	Overview of conversion kit with 32 IFF E10 E12 E14 E16 E18 E8.2	206
18.5	Overview of conversion kit with 32 IFF E6.2	208
18.6	Overview of conversion kit with 32 IFF E7.2 E6.2(12m.10) E14/12	209
18.7	Magnet holder	210
18.8	Additional bobbin board	211
18.9	Parts for the left safety door	212
18.9.1	Yarn tensioner on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10) E14/12	213
18.9.2	Yarn tensioner on the left E6.2	215
18.9.3	Yarn deflector on the left	217
18.10	Parts for the right safety door right	218
18.10.1	Yarn tensioner on the right E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10) E14/12	219
18.10.2	Yarn tensioner on the right E6.2	220
18.10.3	Yarn deflector on the right complete	221
18.11	Parts for the yarn guide system with 12 FKE	222
18.12	Parts for the yarn guide system with 18 FKE	223
18.13	Friction feed wheel on the left and on the right complete	224
18.13.1	Friction feed wheel on the left	225
18.13.2	Friction feed wheel on the right	226
18.14	Left clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	227
18.15	Left clamping and cutting bed E16 E18 E8.2	228
18.16	Right clamping and cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10) E14/12	229
18.17	Right clamping and cutting bed E16 E18 E8.2	230
18.18	Stopping device 16-fold on the right and on the left E6.2	231
18.19	Stopping device 16-fold (all gauges besides E6.2)	232
18.20	Yarn guide complete (24 IFF) E10 E12 E14 E7.2 E6.2(12m.10) E14/12	233
18.21	Yarn guide complete (24 IFF) E16 E18 E8.2	234
18.22	Yarn guide complete (24 IFF) E6.2	235
18.23	Yarn guide complete (32 IFF) E10 E12 E14 E7.2 E6.2(12m.10) E14/12	236
18.24	Yarn guide complete (32 IFF) E16 E18 E8.2	238
18.25	Yarn guide complete (32 IFF) E6.2	239
18.26	Yarn guide bracket	240

2 Carriage drive



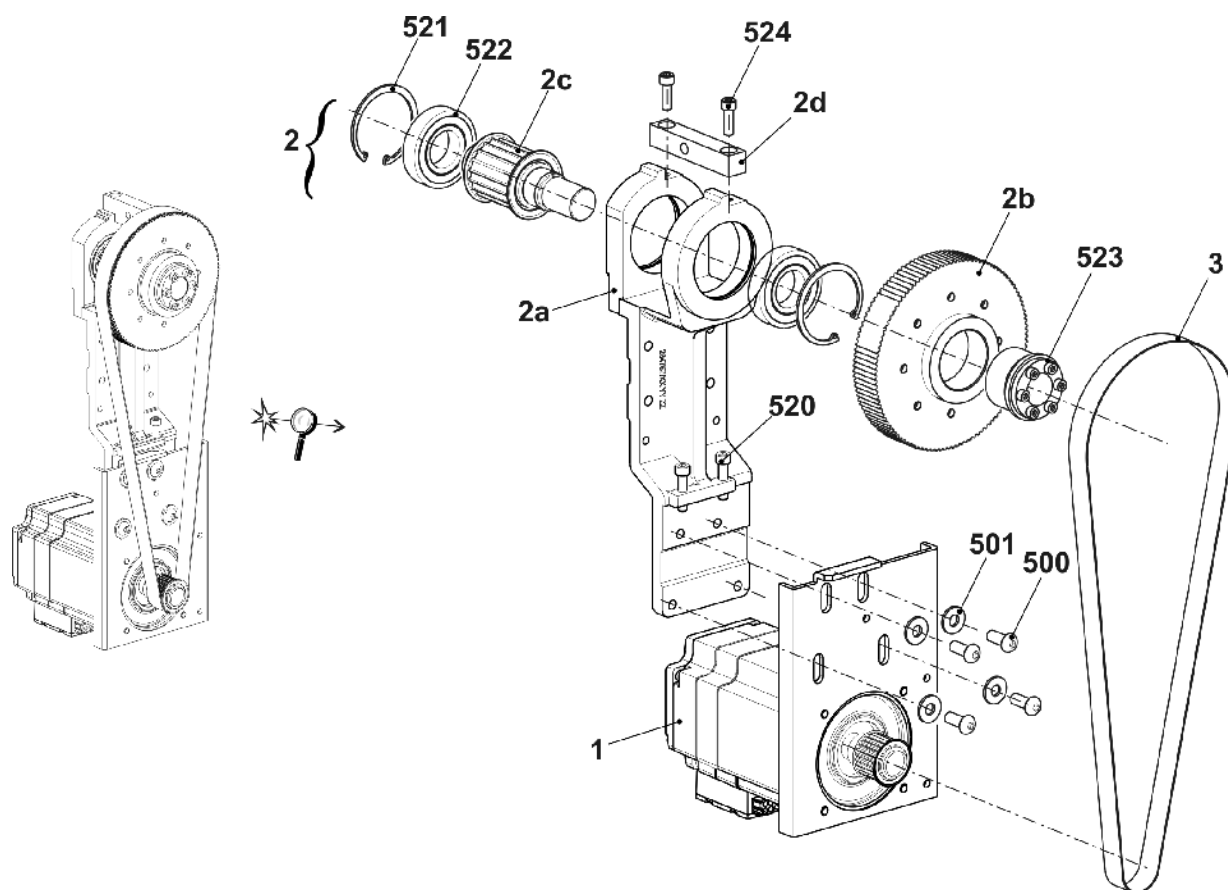
2.1 Drive

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



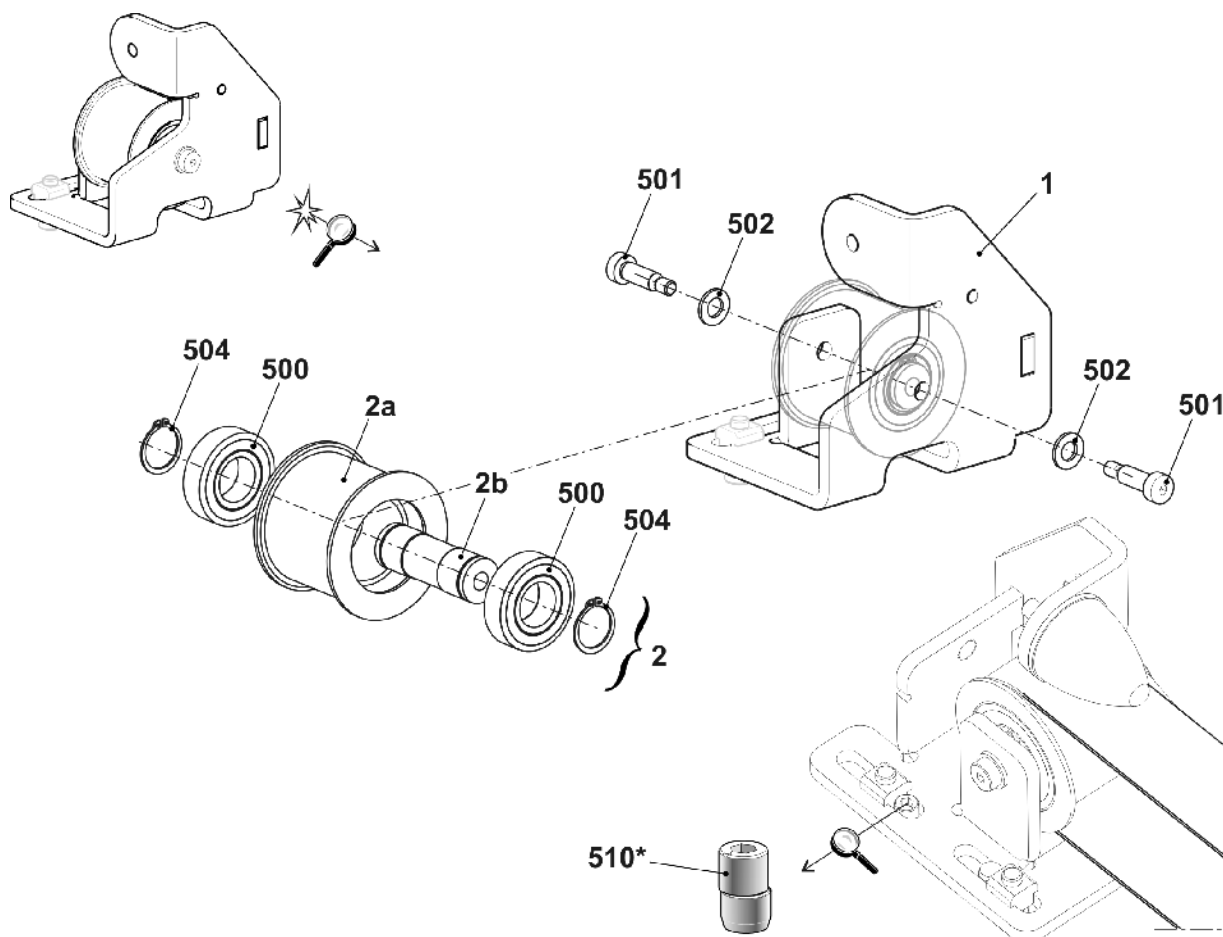
2.1.1 Motor and belt drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive unit complete	253 877			
1	Drive unit	258 188	521	Retaining ring 68x2.5	022 914
2	Drive bearing complete	264 764	522	Grooved ball bearing 6207-2RS	022 915
2a	Drive bearing	264 758	523	Tension set 30X55	023 208
2b	Toothed belt pulley	240 616	524	Cap screw M8X25 12.9	020 142
2c	Pinion 57 AT10 18	242 039	3	Toothed belt	252 594
2d	Support of buffer	222 100	500	Pan head screw M10X25	023 684
520	Cap screw M8X35	020 144	501	Disk 10,5X25X2,5	022 178



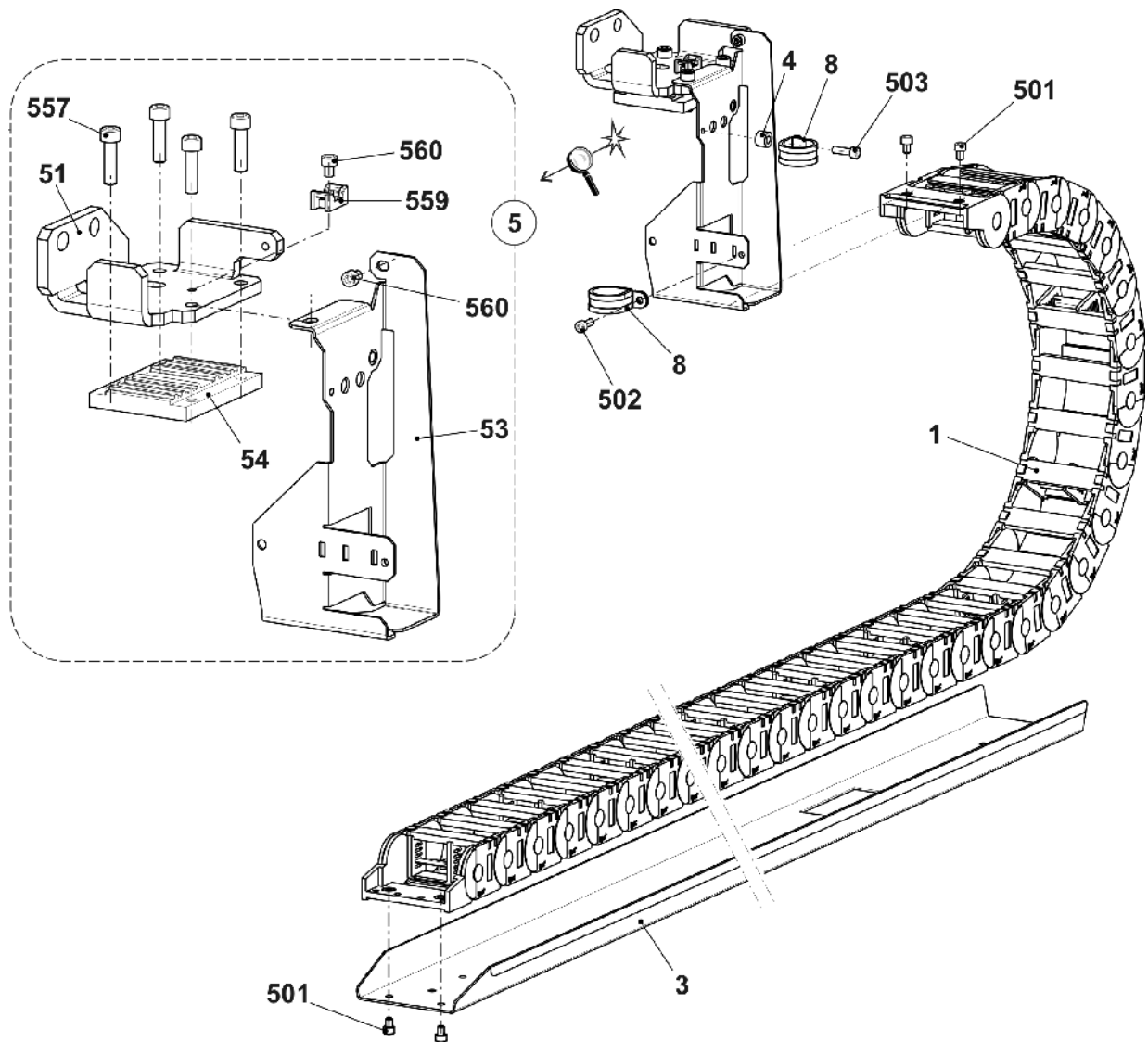
2.1.2 Tension bearing

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

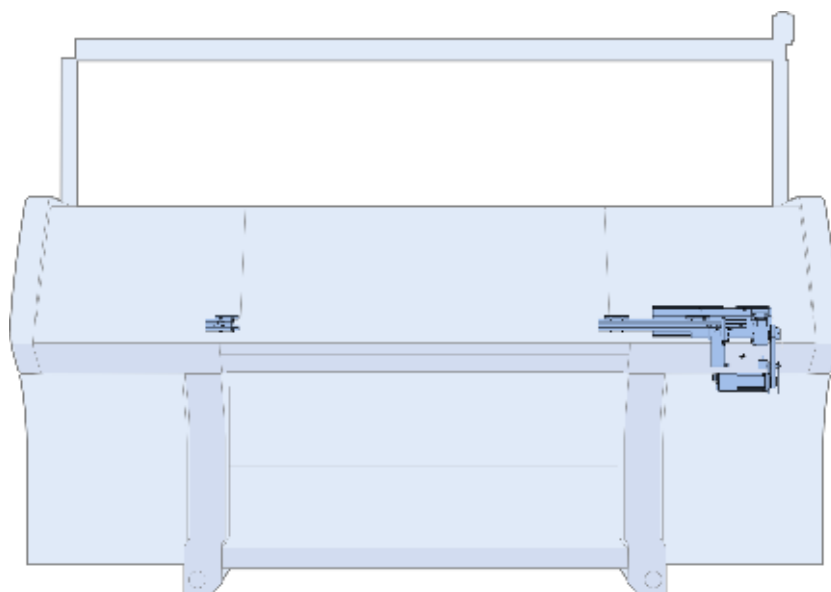


2.2 Energy chain and carriage driver

Pos	Designation	ID	Pos	Designation	ID
1	Energy chain 30 links	259 234	5	Carriage driver complete	265 268
3	Depositing gutter	263 983	51	Carriage driver	258 380
4	Threaded spacer	214 584	53	Cable driver carriage driver	266 400
8	Hose clip	214 653	54	Clamping plate	252 592
501	Cap screw M6x8	023 411	557	Cap screw M8x30	020 143
502	Cap screw M6x16	020 135	559	Fixing element	026 489
503	Cap screw M6x20	020 136	560	Cap screw M6x8	023 411

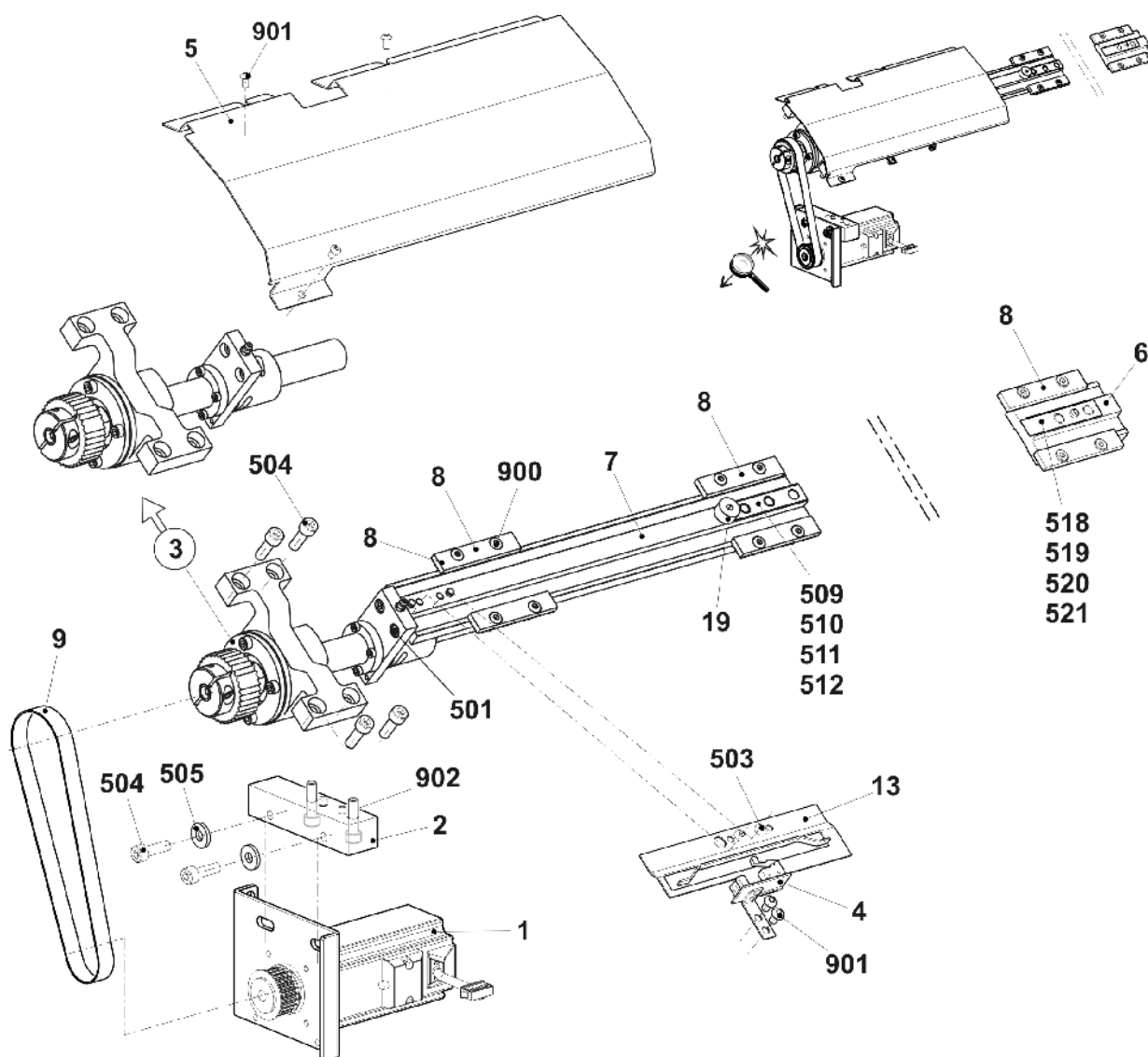


3 Racking

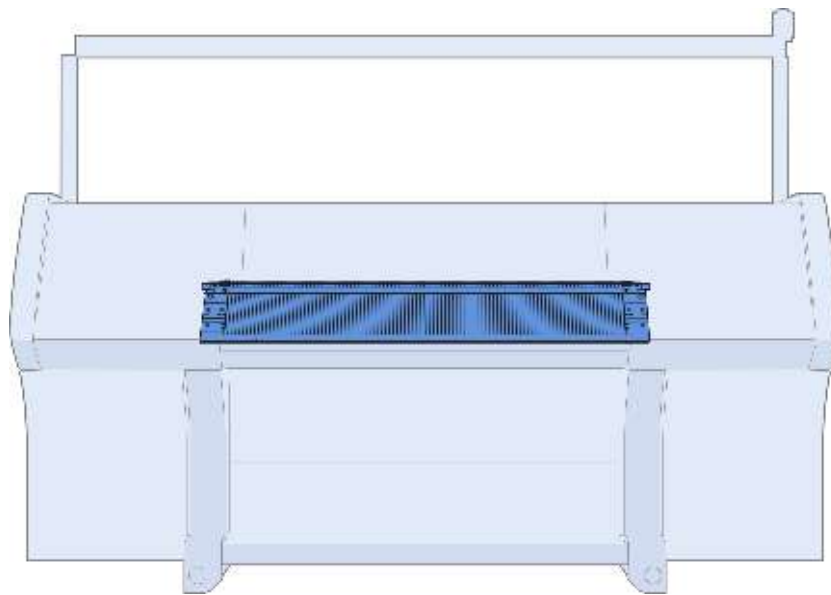


3.1 Racking

Pos	Designation	Id	Pos	Designation	Id
Σ	Racking				
1	Racking motor EKC complete	270 086	504	Cap screw M8x25	020 142
2	Bearing racking motor	264 630	505	Washer 8,4X20X3	022 175
3	Spindle bearing	253 262	509	Shim 0,03x15x85	023 162
4	Card racking limit switch	229 396	510	Shim 0,05x15x85	023 163
5	Racking cover plate	240 721	511	Shim 0,1x15x85	023 164
6	Racking strip on the left	240 696	512	Shim 0,2x15x85	023 170
7	Racking strip	240 690	518	Shim 0,03x15x75	023 395
8	Guide strip	206 382	519	Shim 0,05x15x75	023 396
9	Toothed belt 150 S 5M 490	229 281	520	Shim 0,1x15x75	023 397
13	Switch plate	240 722	521	Shim 0,2x15x75	023 398
19	Stop screw	221 386	900	Cap screw M6x12	022 795
501	Cap screw M6x16	271 322	901	Pan head screw M6x10	023 183
503	Pan head screw M6x10	023 183	902	Cap screw M8x30	020 143

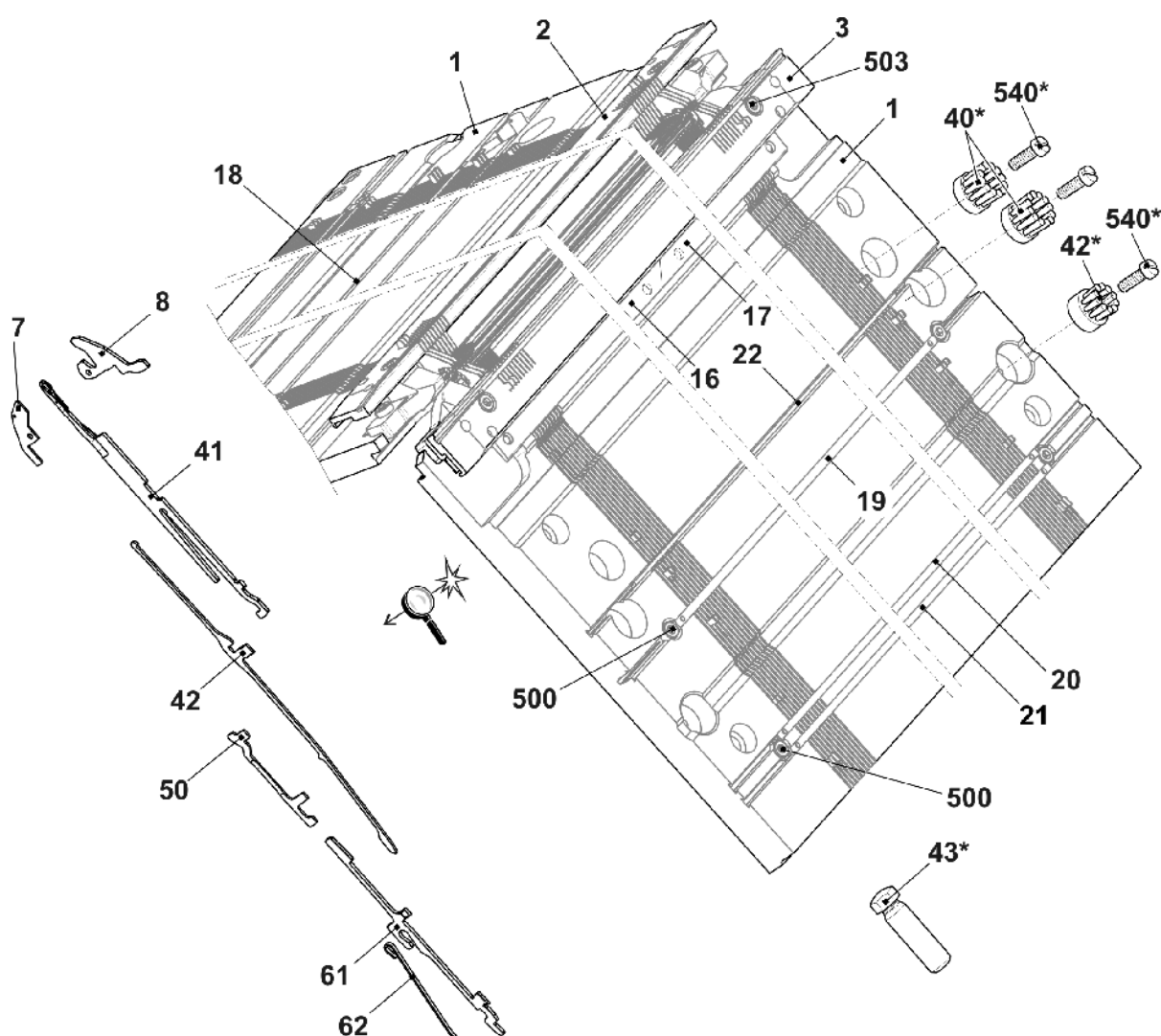


4 Needle beds



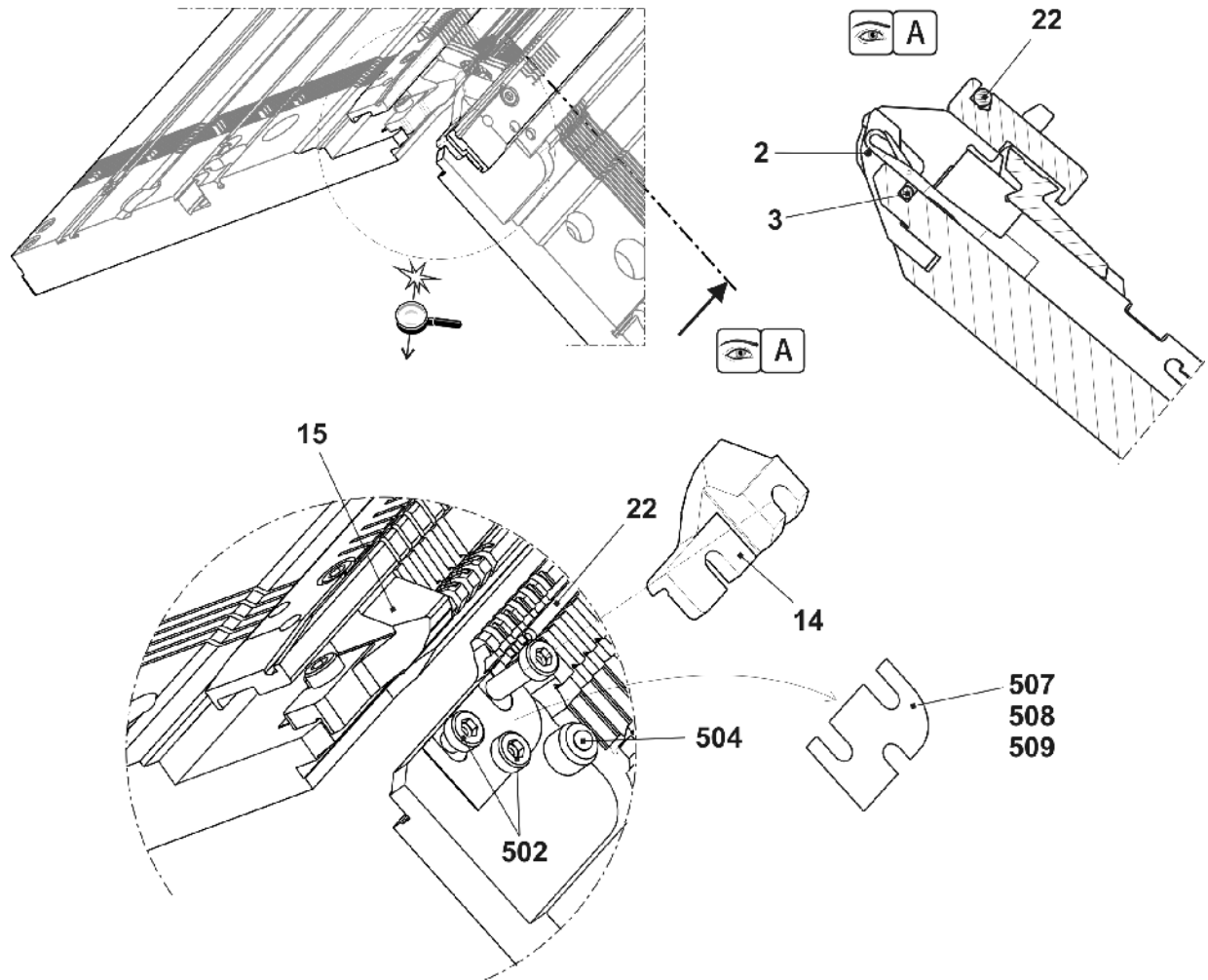
4.1 Needle bed E10

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E10	263 860	17	Needle bar on the right	213 999
1	Needle bed at the front + rear E10	263 709	18	Cover rail at the rear	213 981
2	Holding-down jack bed at the rear E10	240 447	19	Cover rail at the front E10	214 036
3	Holding-down jack bed at the front E10	240 430	20	Cover rail	213 762
41	Needle E10 with round hook	205 398	21	Cover rail	213 763
42	Coupling part E10-12	253 382	22	Locating wire D=2,8 1290mm	213 983
50	Intermediate slider with brake E10-12	255 535	500	Cap screw M5x10	022 918
61	Selection jack E10-12	200 688	503	Cap screw M5x22	023 193
62	Selector spring E10-12	200 691	40*	Disk brush	235 612
7	Knock-over bit E10	239 756	42*	Disk brush	202 600
8	Holding-down jack (trick wall) E10	239 815	43*	Adjusting bolt	251 772
16	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



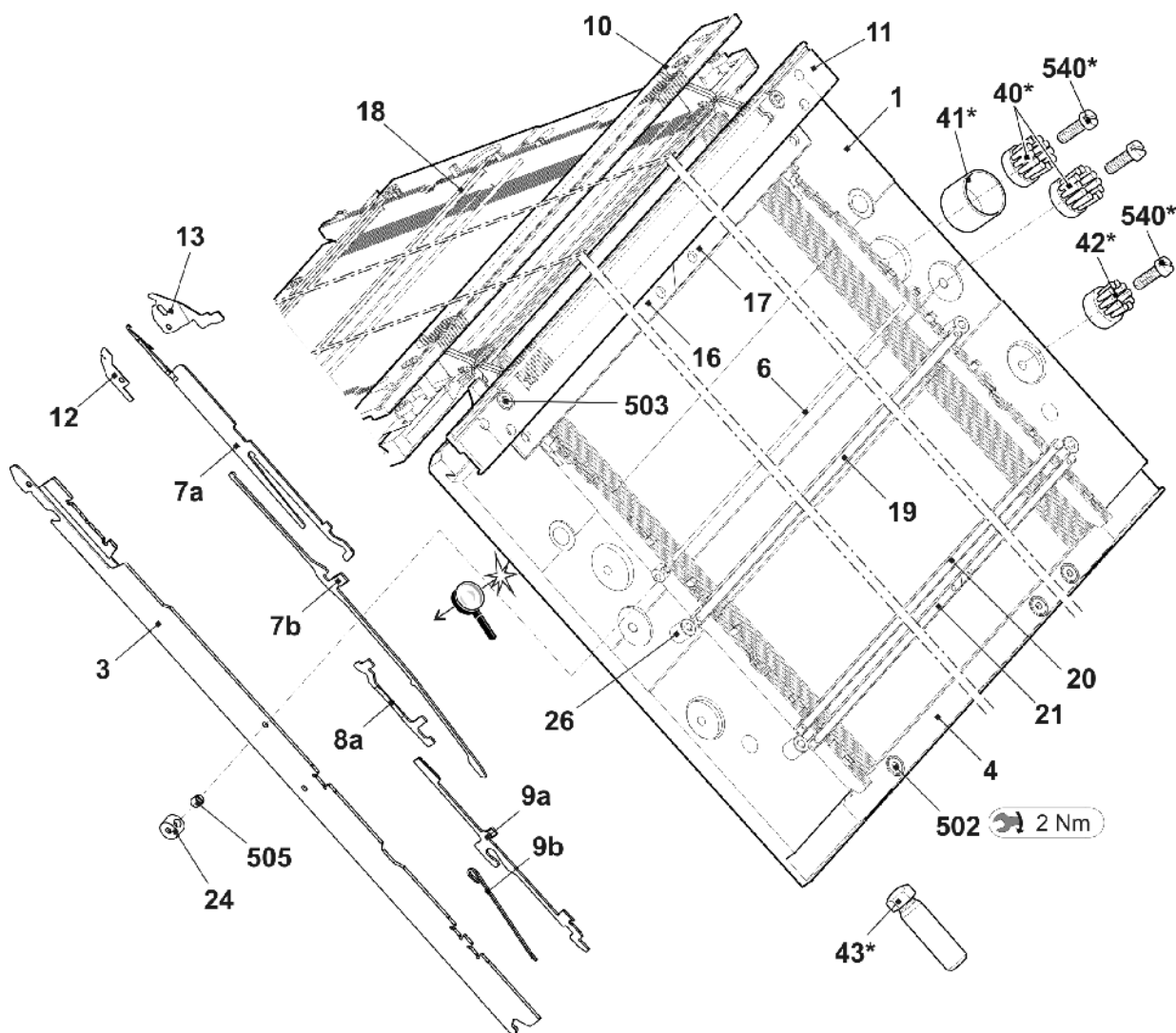
4.1.1 Continuation needle bed E10

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



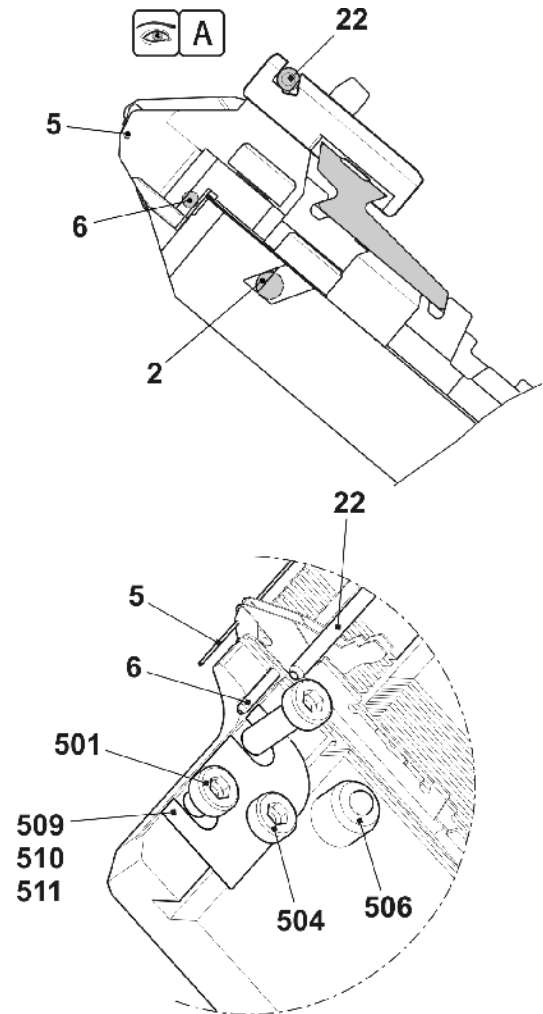
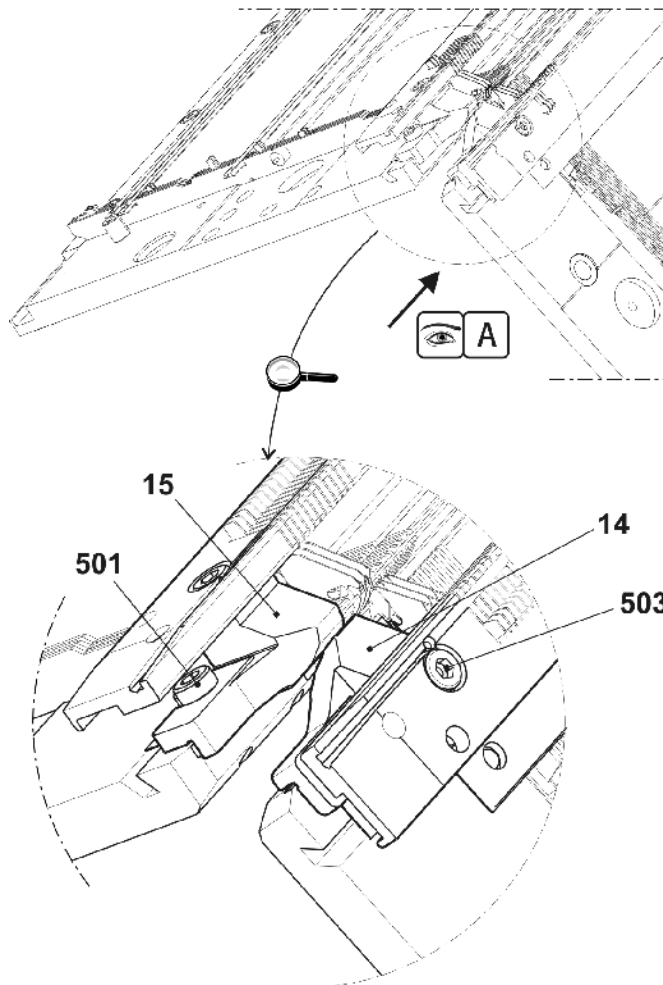
4.2 Needle bed E12

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E12	263 861	17	Needle bar on the right	213 999
1	Needle bed at the front and rear E12	263 710	18	Cover rail at the rear	213 981
3	Main trick wall E12	260 343	19	Cover rail at the front E12	214 037
4	Pressure slide E10-14	213 919	20	Cover rail	213 762
6	Spring steel wire ø2,0	213 996	21	Cover rail	213 763
7a	Needle E12	204 009	24	Bush	206 090
7b	Coupling part E10-12	253 382	26	Stop screw	235 244
8a	Intermediate slider with brake E10-12	255 535	502	Cap screw M5x8	023 379
9a	Selection jack E10-12	200 688	503	Cap screw M5x22	023 193
9b	Selector spring E10-12	200 691	505	Setscrew M3,5x2,3	020 512
10	Holding-down jack bed at the rear E12	240 448	40*	Disk brush	235 612
11	Holding-down jack bed at the front E12	240 431	41*	Container disk brush	233 012
12	Knock-over bit E12	259 212	42*	Disk brush	202 600
13	Holding-down jack (trick wall) E12	259 213	43*	Adjusting bolt	251 772
16	Needle bar on the left	213 998	540*	Cap screw M5x12	020 032



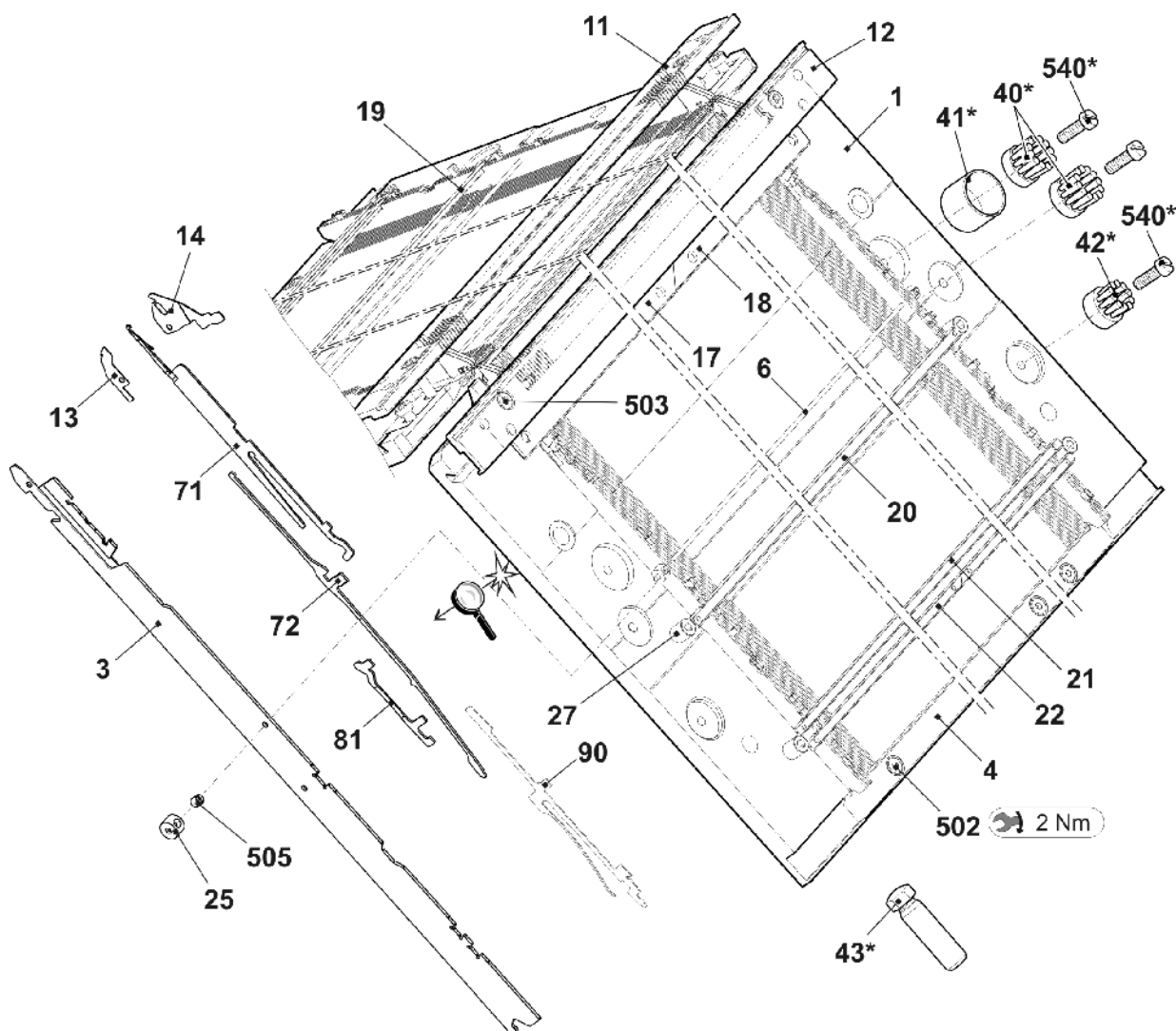
4.2.1 Continuation needle bed E12

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



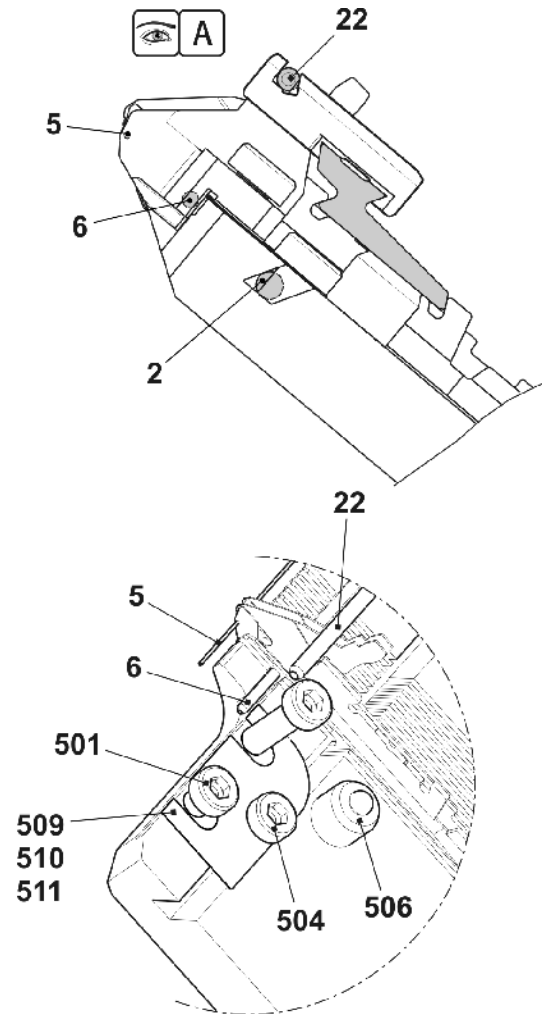
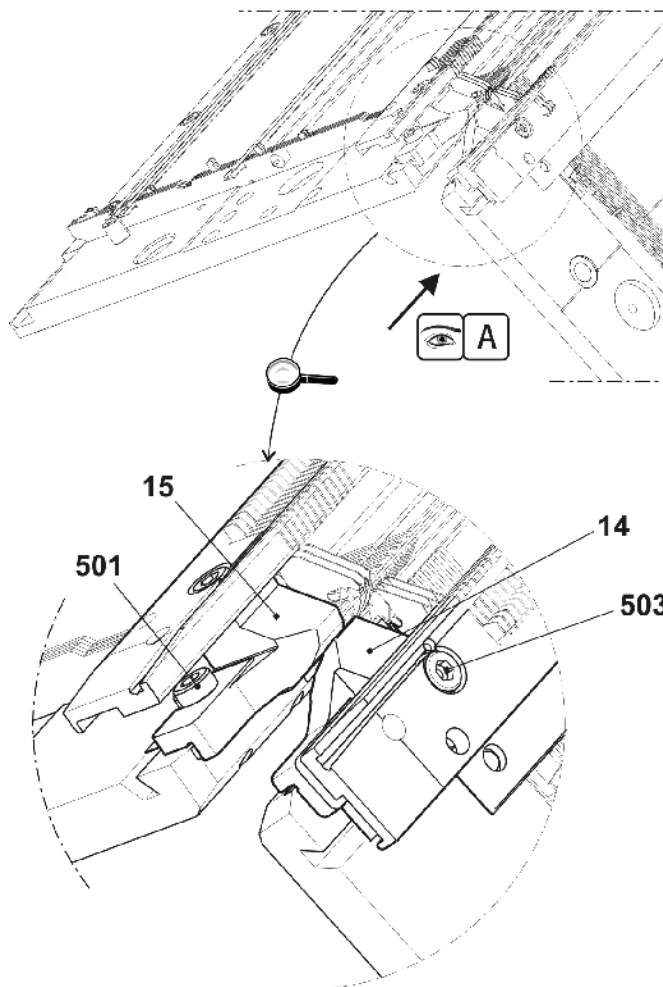
4.3 Needle bed E14

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E14	263 878			
1	Needle bed at the front and rear E14	263 711	19	Cover rail at the rear	213 981
3	Main trick wall E14	260 344	20	Cover rail at the front E14	214 038
4	Pressure slide E10-14	213 919	21	Cover rail	213 762
6	Spring steel wire ø2,0	213 996	22	Cover rail	213 763
71	Needle E14	209 614	25	Bush	206 090
72	Coupling part E14	253 383	27	Stop screw	235 244
81	Intermediate slider with brake E14	255 536	502	Cap screw M5x8	023 379
10	Selection jack with spring E14	224 725	503	Cap screw M5x22	023 193
11	Holding-down jack bed at the rear E14	240 449	505	Setscrew M3,5x2,3	020 512
12	Holding-down jack bed at the front E14	240 432	40*	Disk brush	235 612
13	Knock-over bit E14	209 649	41*	Container disk brush	233 012
14	Holding-down jack trick wall E14	235 262	42*	Disk brush	202 600
17	Needle bar on the left	213 998	43*	Adjusting bolt	251 772
18	Needle bar on the right	213 999	540*	Cap screw M5x12	020 032



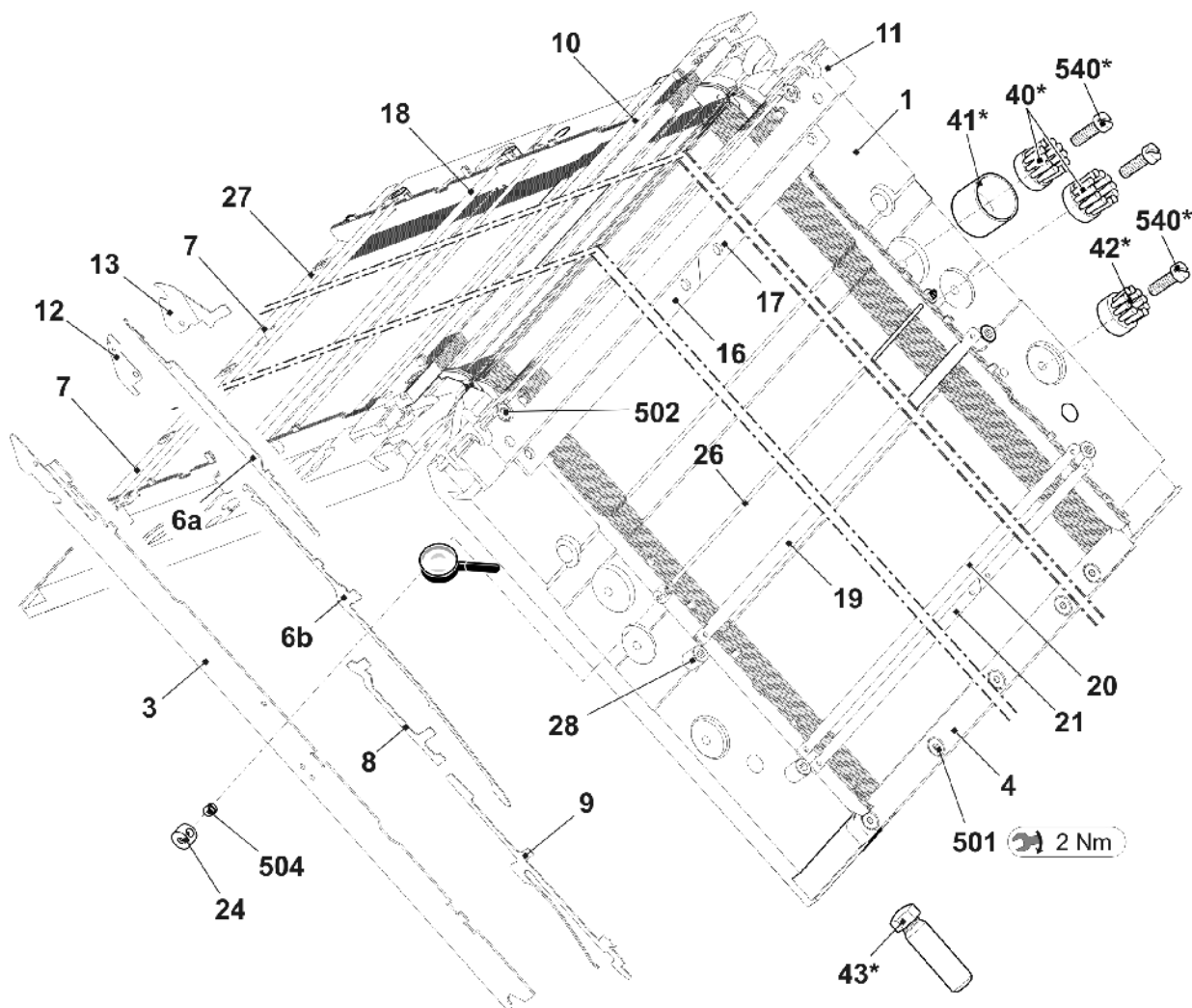
4.3.1 Continuation needle bed E14

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



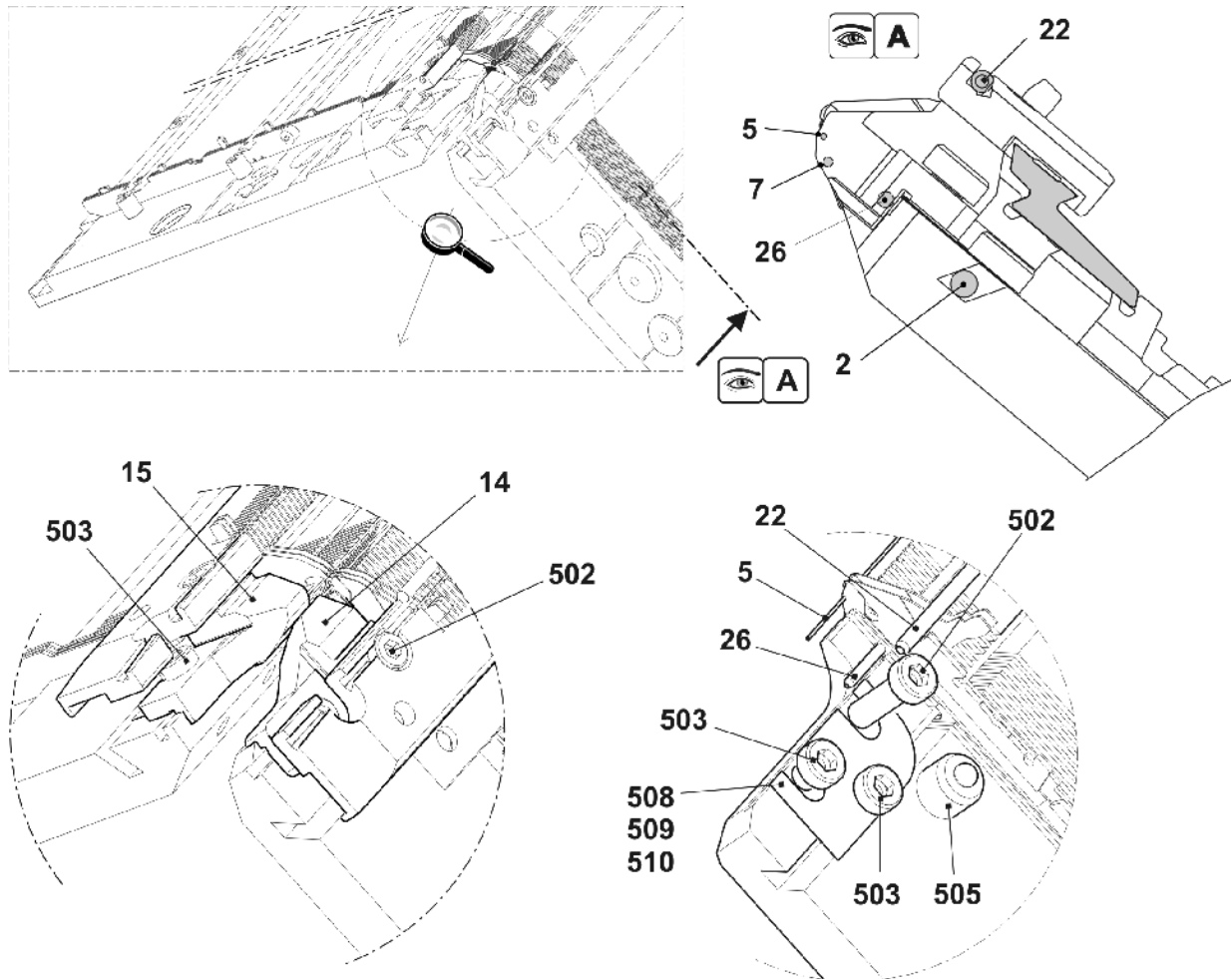
4.4 Needle bed E16

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E16	263 862			
1	Needle bed at the front + rear E16	263 712	19	Cover rail at the front E16	222 531
3	Main trick wall E16	245 319	20	Cover rail	213 762
4	Pressure strip at the front E5-14	219 536	21	Cover rail	213 763
6a	Needle E16	232 243	24	Bush	206 090
6b	Coupling part E16-20	253 384	26	Spring steel wire D=2,0 1287 mm	213 996
7	Pressure strip at the rear E5-14	219 537	27	Pressure strip at the rear on the right E16 – E20	223 042
8	Intermediate slider with brake E16-18	255 537	28	Stop screw	235 244
9	Selection jack E16-20	222 265	501	Cap screw M5x8	023 379
10	Holding-down jack bed at the rear E16	240 450	502	Cap screw M5x22	023 193
11	Holding-down jack bed at the front E16	240 433	504	Setscrew M3,5x2,3	020 512
12	Knock-over bit wire position E16	261 865	40*	Disk brush	235 612
13	Holding-down jack E16	264 106	41*	Container disk brush	233 012
16	Needle bar on the left	213 998	42*	Disk brush	202 600
17	Needle bar on the right	213 999	43*	Adjusting bolt	251 772
18	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032



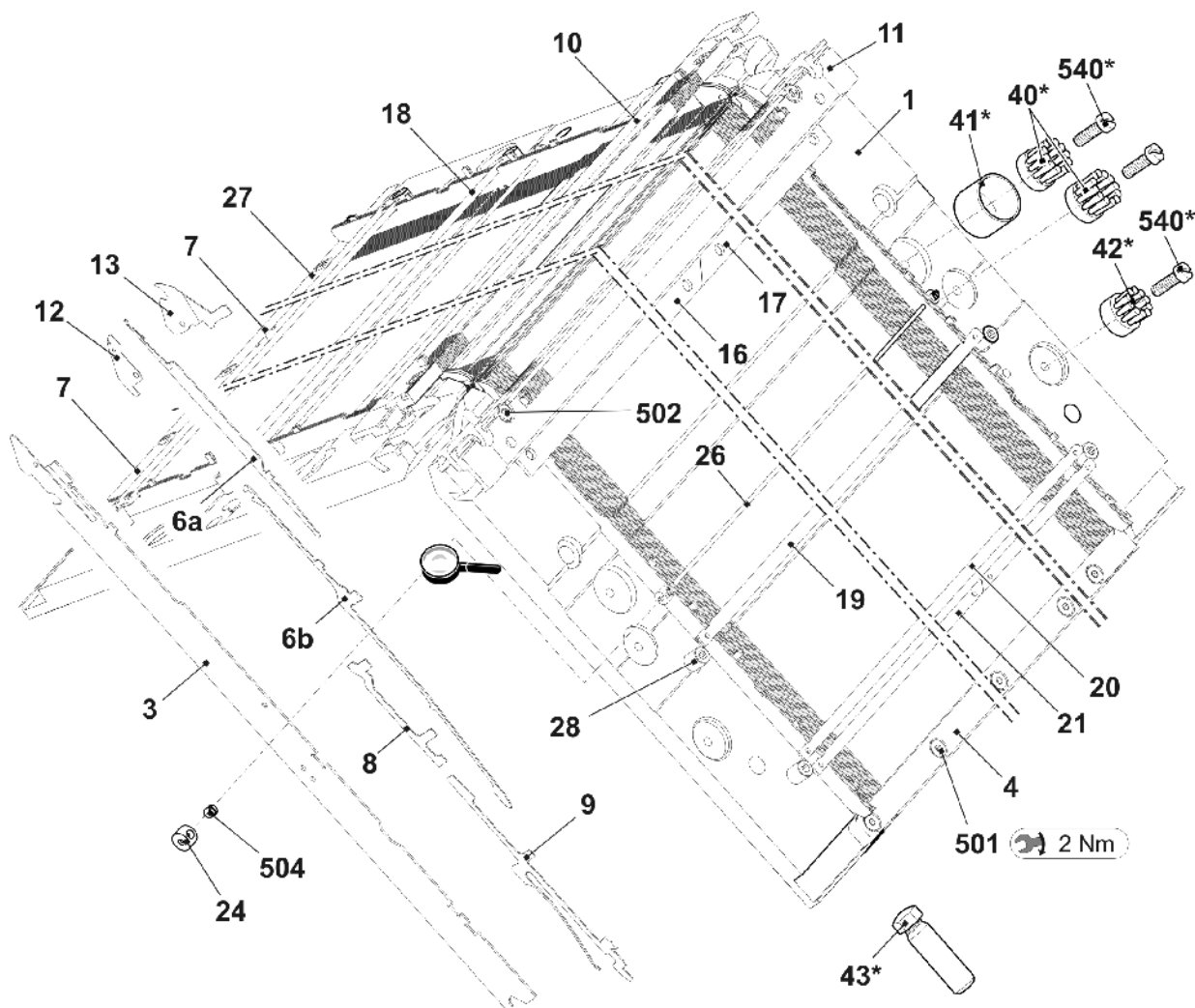
4.4.1 Continuation needle bed E16

Pos	Designation	Id	Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995	502	Cap screw M5x22	023 193
5	Spring steel wire $\varnothing 0,5$	220 759	503	Cap screw M5x12-8.8	022 943
7	Spring steel wire $\varnothing 1,0$	213 988	505	Springy thrust piece	023 177
14	Limiter on the left E16-20	220 821	508	Shim 0,05x18,5x34	023 196
15	Limiter on the right E16-20	220 822	509	Shim 0,1x18,5x34	023 197
22	Locating wire $\varnothing 2,8$	223 922	510	Shim 0,2X18,5X34	023 253
26	Spring steel wire $\varnothing 2,0$	213 996			



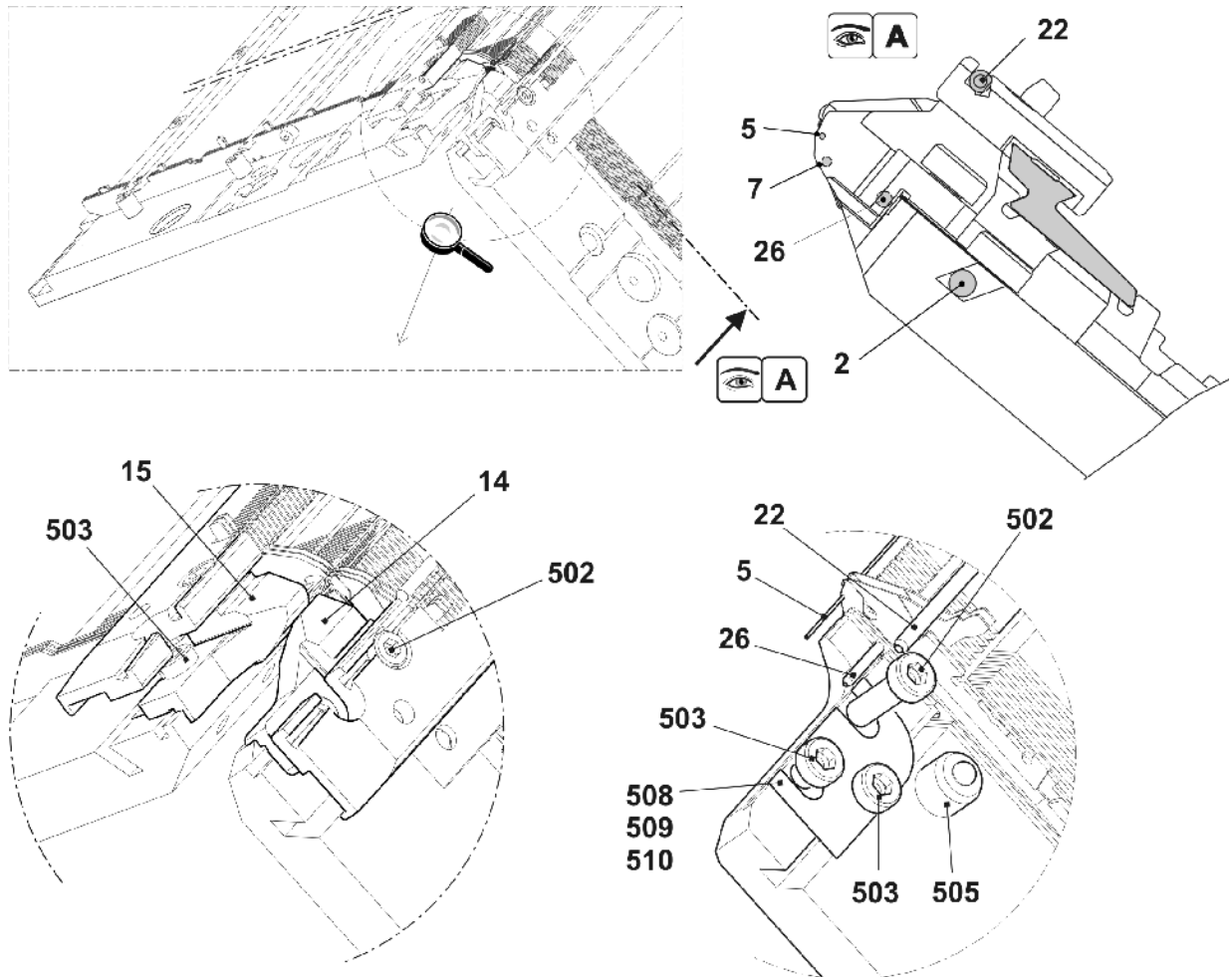
4.5 Needle bed E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E18	263 884			
1	Needle bed at the front + rear E18	263 713	19	Cover rail at the front E18	220 745
3	Main trick wall E18	251 051	20	Cover rail	213 762
4	Pressure strip at the front E5-14	219 536	21	Cover rail	213 763
6a	Needle E18	239 527	24	Bush	206 090
6b	Coupling part E16-20	253 384	26	Spring steel wire D=2,0 1287 mm	213 996
7	Pressure strip at the rear E5-14	219 537	27	Pressure strip at the rear on the right E16 – E20	223 042
8	Intermediate slider with brake E16-18	255 537	28	Stop screw	235 244
9	Selection jack E16-20	222 265	501	Cap screw M5x8	023 379
10	Holding-down jack bed at the rear E18	240 451	502	Cap screw M5x22	023 193
11	Holding-down jack bed at the front E18	240 434	504	Setscrew M3,5x2,3	020 512
12	Knock-over bit wire position 0,8 mm	263 927	40*	Disk brush	235 612
13	Holding-down jack E18	264 107	41*	Container disk brush	233 012
16	Needle bar on the left	213 998	42*	Disk brush	202 600
17	Needle bar on the right	213 999	43*	Adjusting bolt	251 772
18	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032



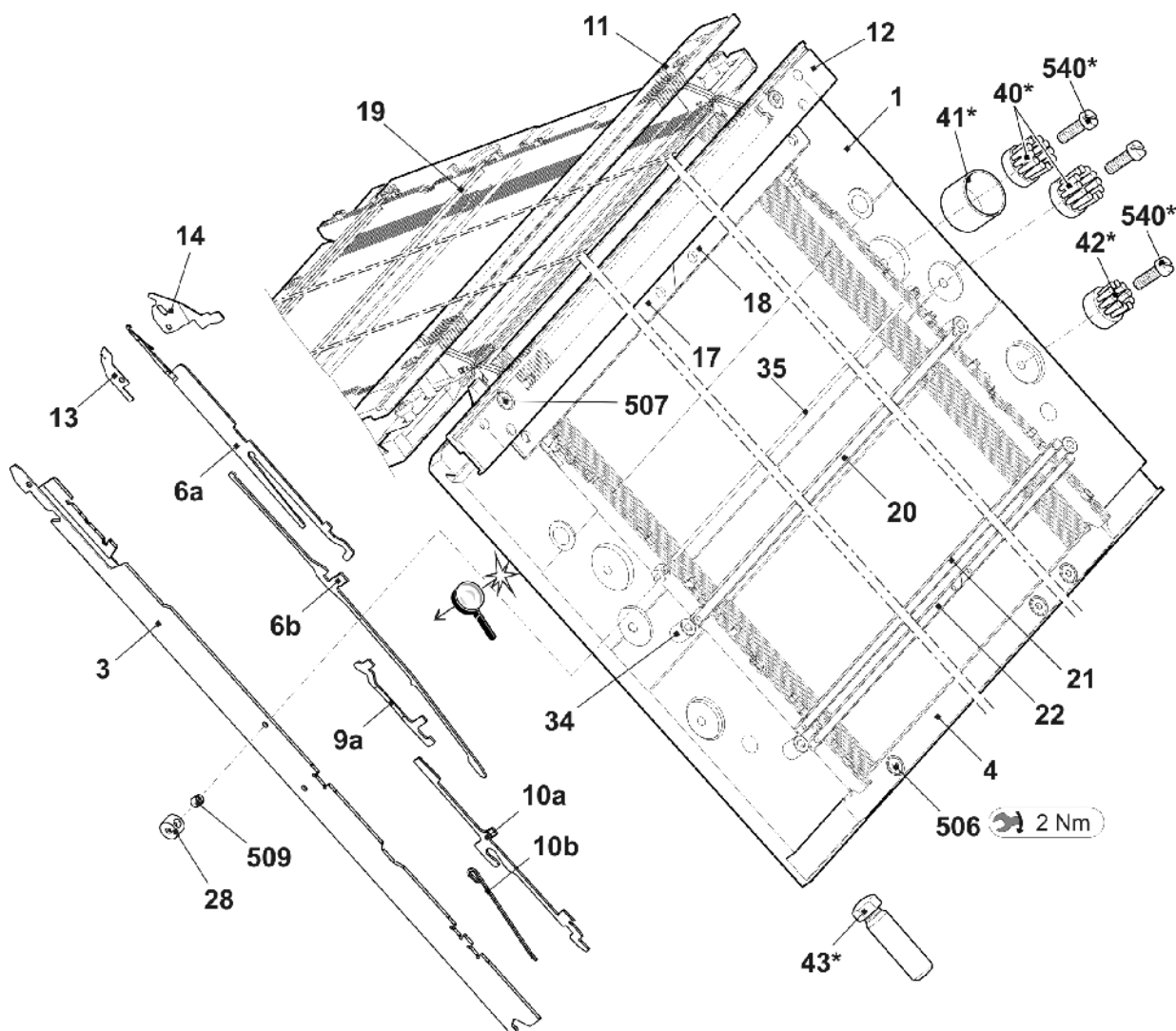
4.5.1 Continuation needle bed E18

Pos	Designation	Id	Pos	Designation	Id
2	Locating wire $\varnothing 3,4$	213 995	502	Cap screw M5x22	023 193
5	Spring steel wire $\varnothing 0,5$	220 759	503	Cap screw M5x12-8.8	022 943
7	Spring steel wire $\varnothing 1,0$	213 988	505	Springy thrust piece	023 177
14	Limiter on the left E16-20	220 821	508	Shim 0,05x18,5x34	023 196
15	Limiter on the right E16-20	220 822	509	Shim 0,1x18,5x34	023 197
22	Locating wire $\varnothing 2,8$	223 922	510	Shim 0,2X18,5X34	023 253
26	Spring steel wire $\varnothing 2,0$	213 996			



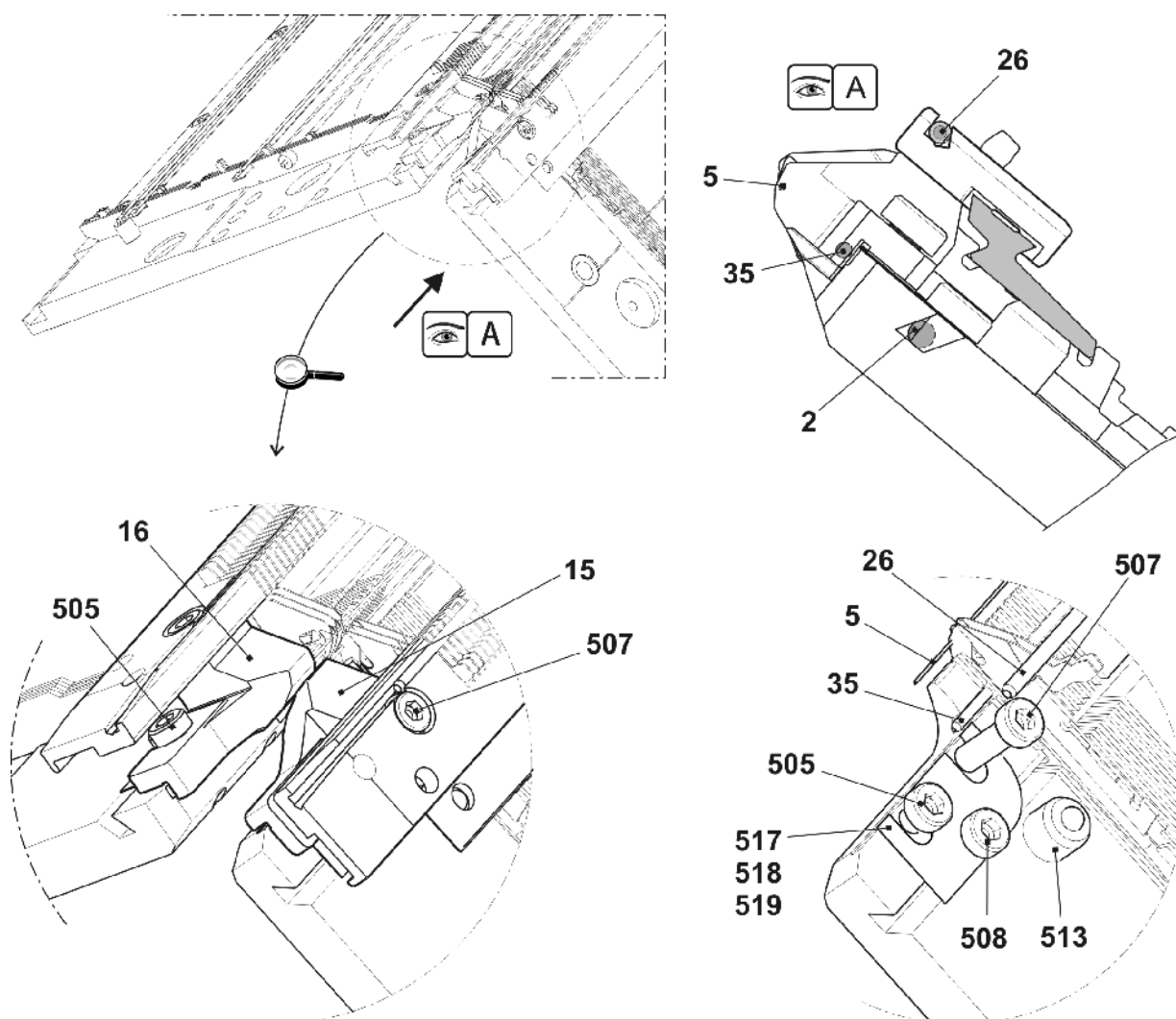
4.6 Needle bed E6.2 (12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2(12m.10)	263 876	19	Cover rail at the rear	213 981
1	Needle bed at the front + rear E12	263 710	20	Cover rail at the front E12	214 037
3	Main trick wall E12	260 343	21	Cover rail	213 762
4	Pressure slide E10-14	213 919	22	Cover rail	213 763
6a	Needle E10 with round hook	205 398	28	Bush	206 090
6b	Coupling part E10-12	253 382	34	Stop screw	235 244
9a	Intermediate slider with brake E10-12	255 535	35	Spring steel wire ø2,0	213 996
10a	Selection jack E10-12	200 688	506	Cap screw M5x8	023 379
10b	Selector spring E10-12	200 691	507	Cap screw M5x22	023 193
11	Holding-down jack bed at the rear E12	240 448	509	Setscrew M3,5x2,3	020 512
12	Holding-down jack bed at the front E12	240 431	40*	Disk brush	235 612
13	Knock-over bit E12	259 212	41*	Container disk brush	233 012
14	Holding-down jack trick wall E12	259 213	42*	Disk brush	202 600
17	Needle bar on the left	213 998	43*	Adjusting bolt	251 772
18	Needle bar on the right	213 999	540*	Cap screw M5x12	020 032



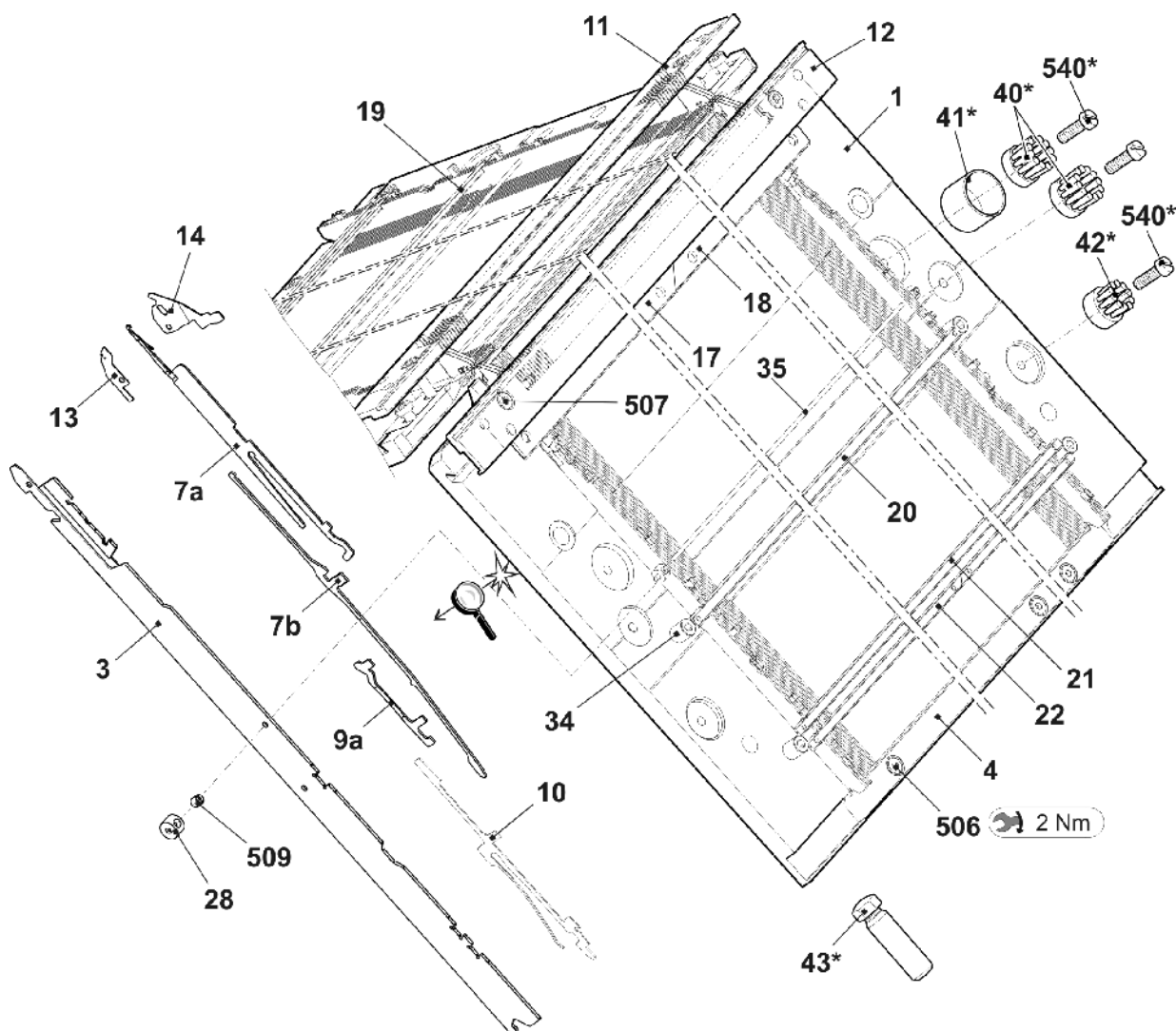
4.6.1 Continuation needle bed E6.2(12m.10)

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



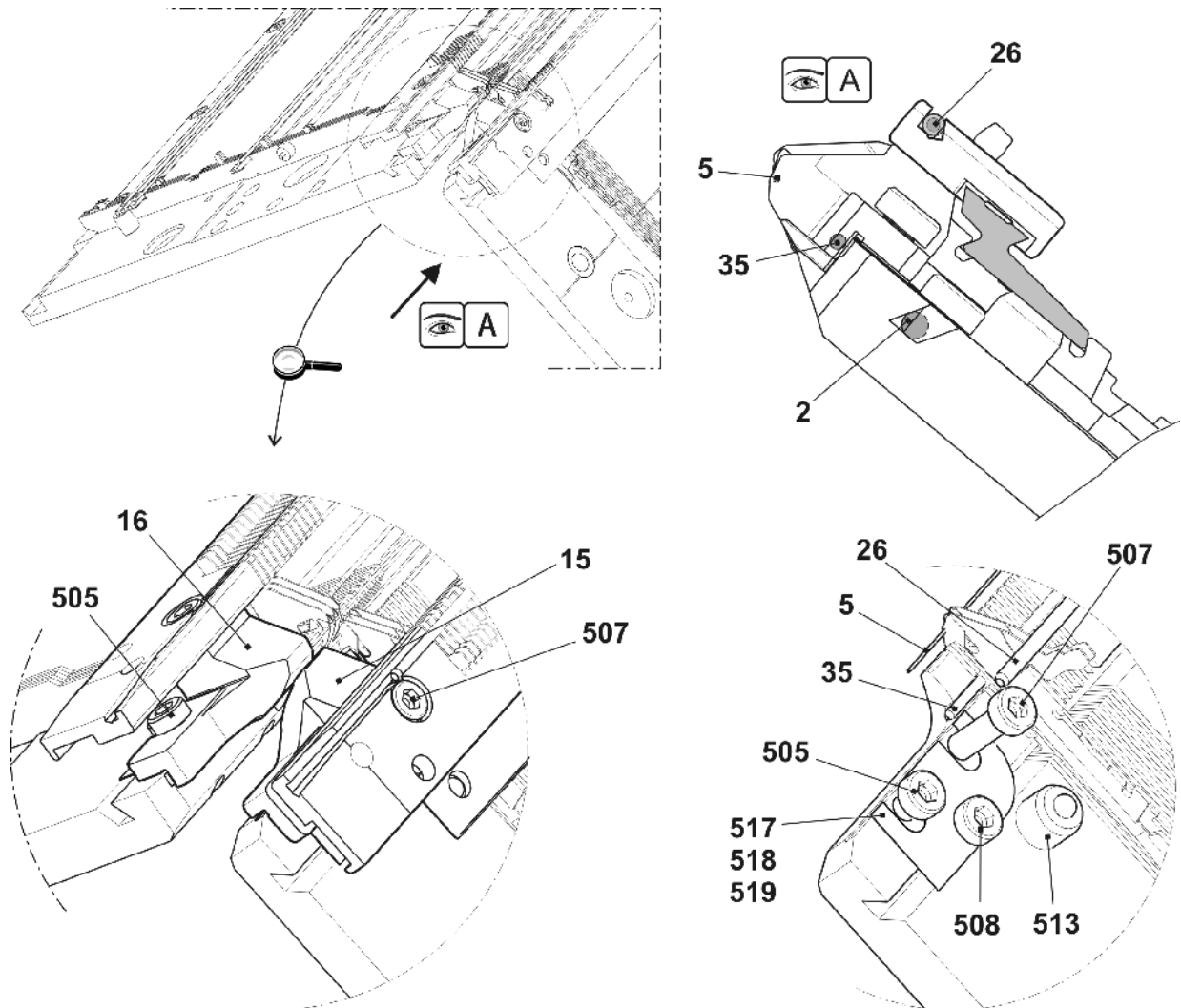
4.7 Needle bed E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front + rear E14/12	263 880			
1	Needle bed at the front and rear E14	263 711	20	Cover rail at the front E14	214 038
3	Main trick wall E14	260 344	21	Cover rail	213 762
4	Pressure slide E10-14	213 919	22	Cover rail	213 763
7a	Needle E14/12	227 756	28	Bush	206 090
7b	Coupling part E14	253 383	34	Stop screw	235 244
9a	Intermediate slider with brake E14	255 536	35	Spring steel wire ø2,0	213 996
10	Selection jack with spring E14	224 725	506	Cap screw M5x8	023379
11	Holding-down jack bed at the rear E14	240 449	507	Cap screw M5x22	023 193
12	Holding-down jack bed at the front E14	240 432	509	Setscrew M3,5x2,3	020 512
13	Knock-over bit E14	209 649	40*	Disk brush	235 612
14	Holding-down jack (trick wall) E14	235 262	41*	Container disk brush	233 012
17	Needle bar on the left	213 998	42*	Disk brush	202 600
18	Needle bar on the right	213 999	43*	Adjusting bolt	251 772
19	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032



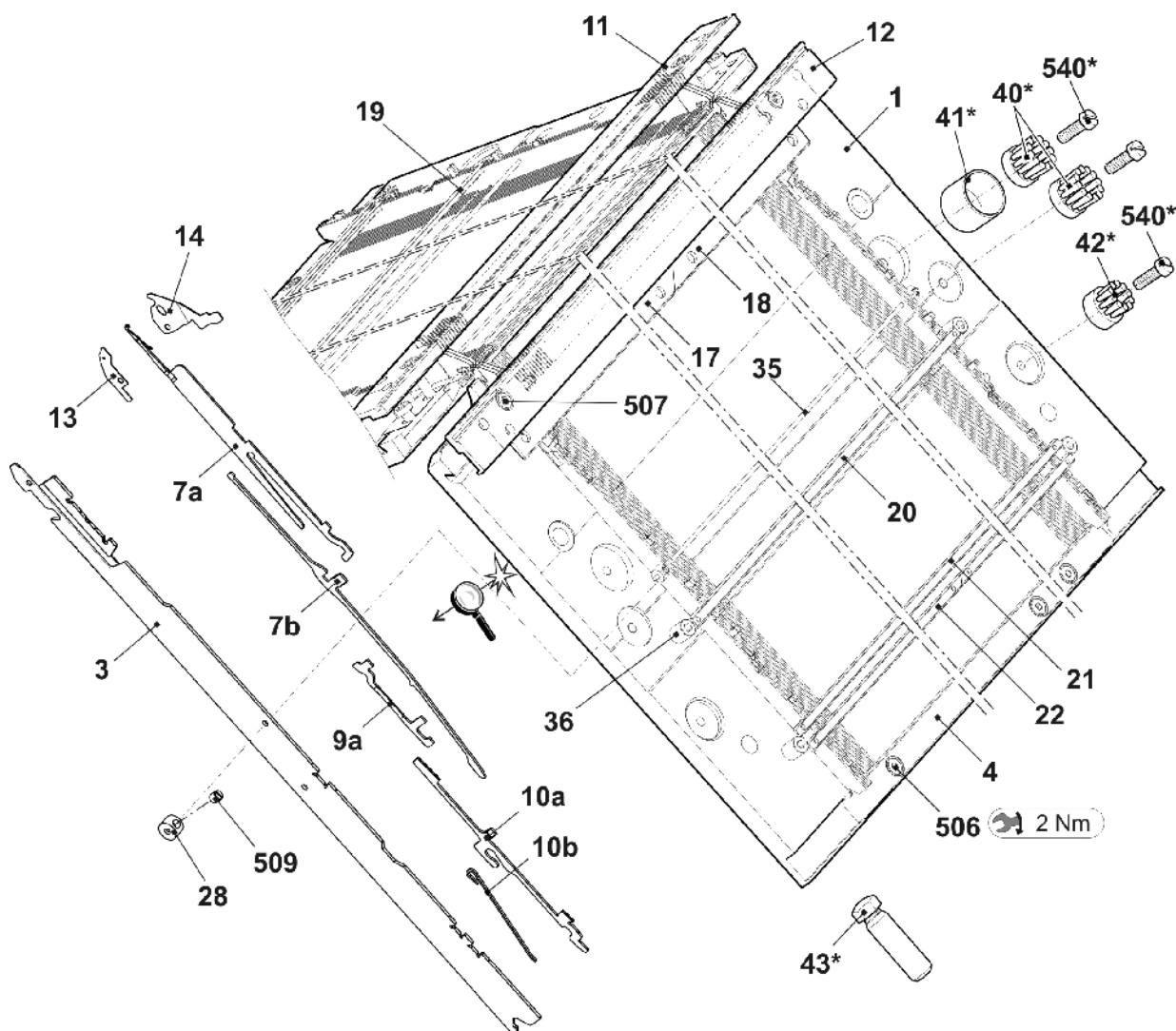
4.7.1 Continuation needle bed E14/12

Pos	Designation	ID	Pos	Designation	ID
2	Locating wire $\varnothing 3,4$	213 995	507	Cap screw M5x22	023 193
5	Spring steel wire $\varnothing 0,6$	213 990	508	Cap screw M5x12	022 943
15	Limiter on the left E10-14	205 764	513	Springy thrust piece	023 177
16	Limiter on the right E10-14	205 765	517	Shim 0,05x18,5x34	023 196
26	Locating wire $\varnothing 2,8$	213 983	518	Shim 0,1x18,5x34	023 197
35	Spring steel wire $\varnothing 1,95$	213 996	519	Shim 0,2x18,5x34	023 253
505	Cap screw M5x8	023 154			



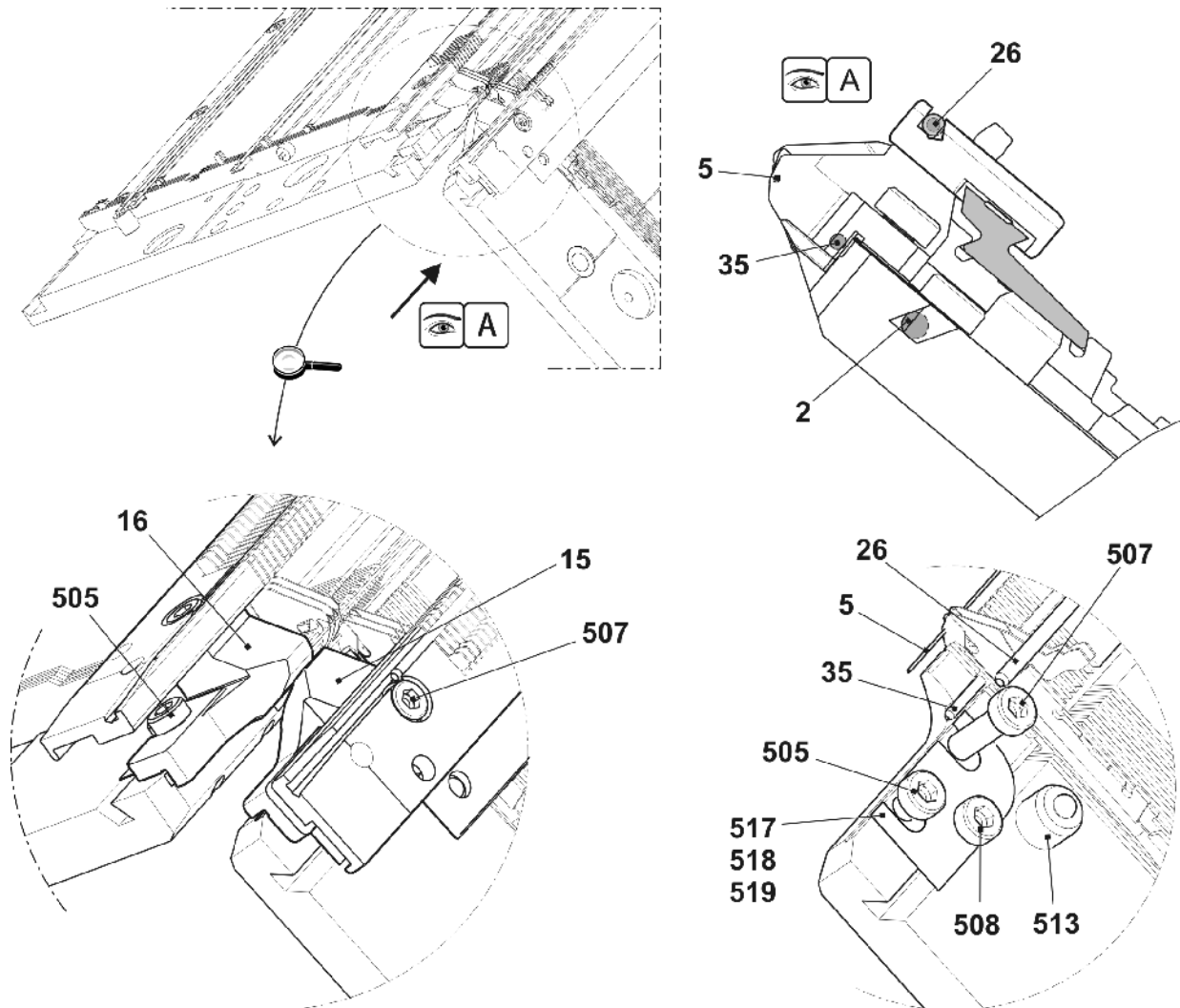
4.8 Needle bed E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	263 877	19	Cover rail at the rear	213 981
1	Needle bed at the front and rear E12	263 710	20	Cover rail at the front E12	214 037
3	Main trick wall E12	260 343	21	Cover rail	213 762
4	Pressure slide E10-14	213 919	22	Cover rail	213 763
7a	Needle E6.2	207 349	28	Bush	206 090
7b	Coupling part E10-12	253 382	35	Spring steel wire ø2,0	213 996
9a	Intermediate slider with brake E10-12	255 535	36	Stop screw	235 244
10a	Selection jack E10-12	200 688	506	Cap screw M5x8	023 379
10b	Selector spring E10-12	200 691	507	Cap screw M5x22	023 193
11	Holding-down jack bed at the rear E6.2	240 455	509	Setscrew M3,5x2,3	020 512
12	Holding-down jack bed at the front E6.2	240 438	40*	Disk brush	235 612
13	Knock-over bit E12	259 212	41*	Container disk brush	233 012
14	Holding-down jack (trick wall) E12	259 213	42*	Disk brush	202 600
17	Needle bar on the left	213 998	43*	Adjusting bolt	251 772
18	Needle bar on the right	213 999	540*	Cap screw M5x12	020 032



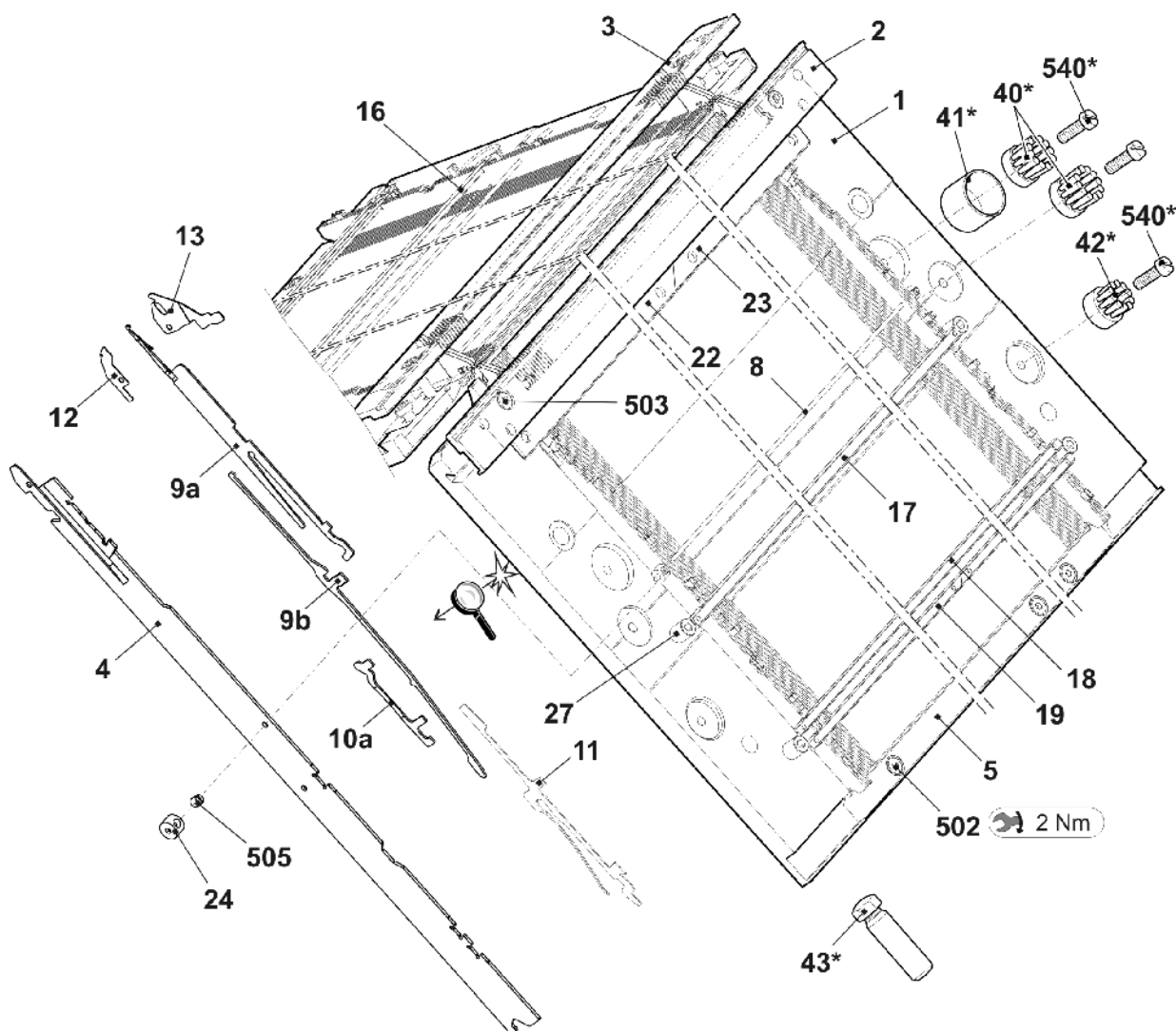
4.8.1 Continuation needle bed E6.2 mg

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



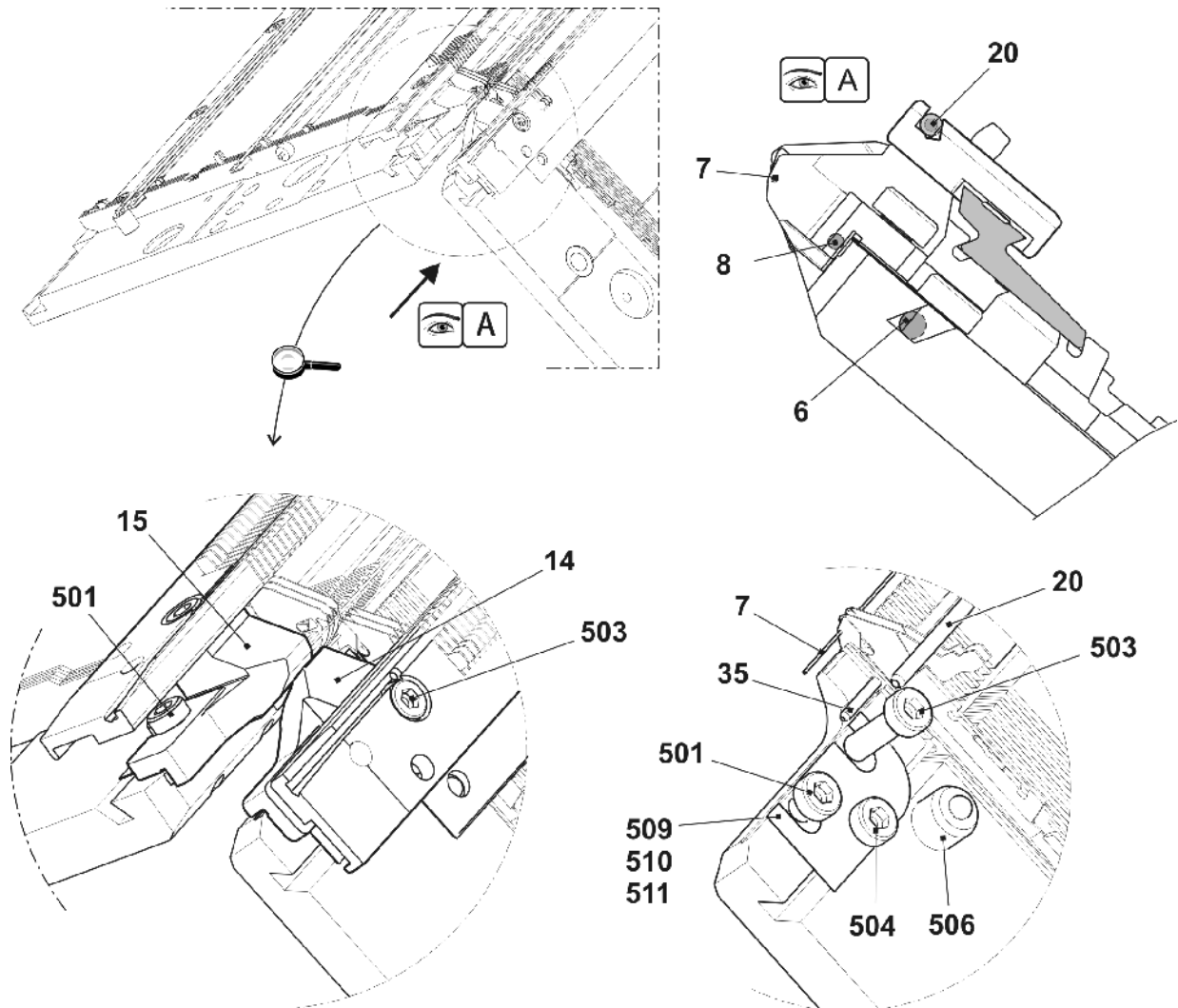
4.9 Needle bed E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	263 879			
1	Needle bed at the front and rear E14	263 711	18	Cover rail	213 762
2	Holding-down jack bed at the rear E7.2	240 456	19	Cover rail	213 763
3	Holding-down jack bed at the front E7.2	240 439	22	Needle bar on the left	213 998
4	Main trick wall E14	260 344	23	Needle bar on the right	213 999
5	Pressure slide E10-14	213 919	24	Bush	206 090
8	Spring steel wire $\varnothing 2,0$	213 996	27	Stop screw	235 244
9a	Needle E7.2 vosa special 112.70-62	225 230	502	Cap screw M5x8	023 379
9b	Coupling part E14	253 383	503	Cap screw M5x22	023 193
10a	Intermediate slider with brake E14	255 536	505	Setscrew M3,5x2,3	020 512
11	Selection jack with spring E14	224 725	40*	Disk brush	235 612
12	Knock-over bit E14	256 912	41*	Container disk brush	233 012
13	Holding-down jack trick wall E7.2	258 396	42*	Disk brush	202 600
16	Cover rail at the rear	213 981	43*	Adjusting bolt	251 772
17	Cover rail at the front E14	214 038	540*	Cap screw M5x12	020 032



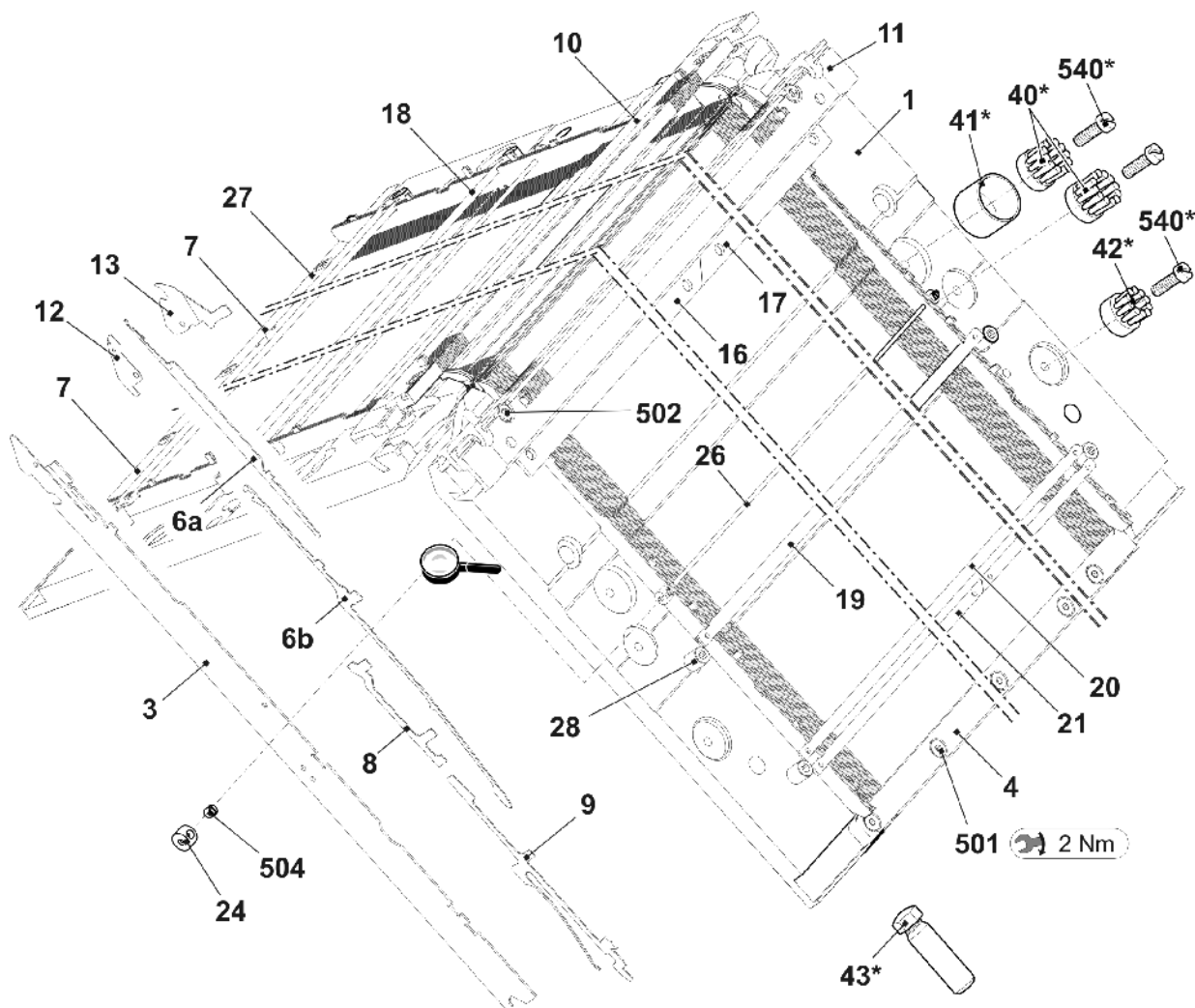
4.9.1 Continuation needle bed E7.2 mg

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



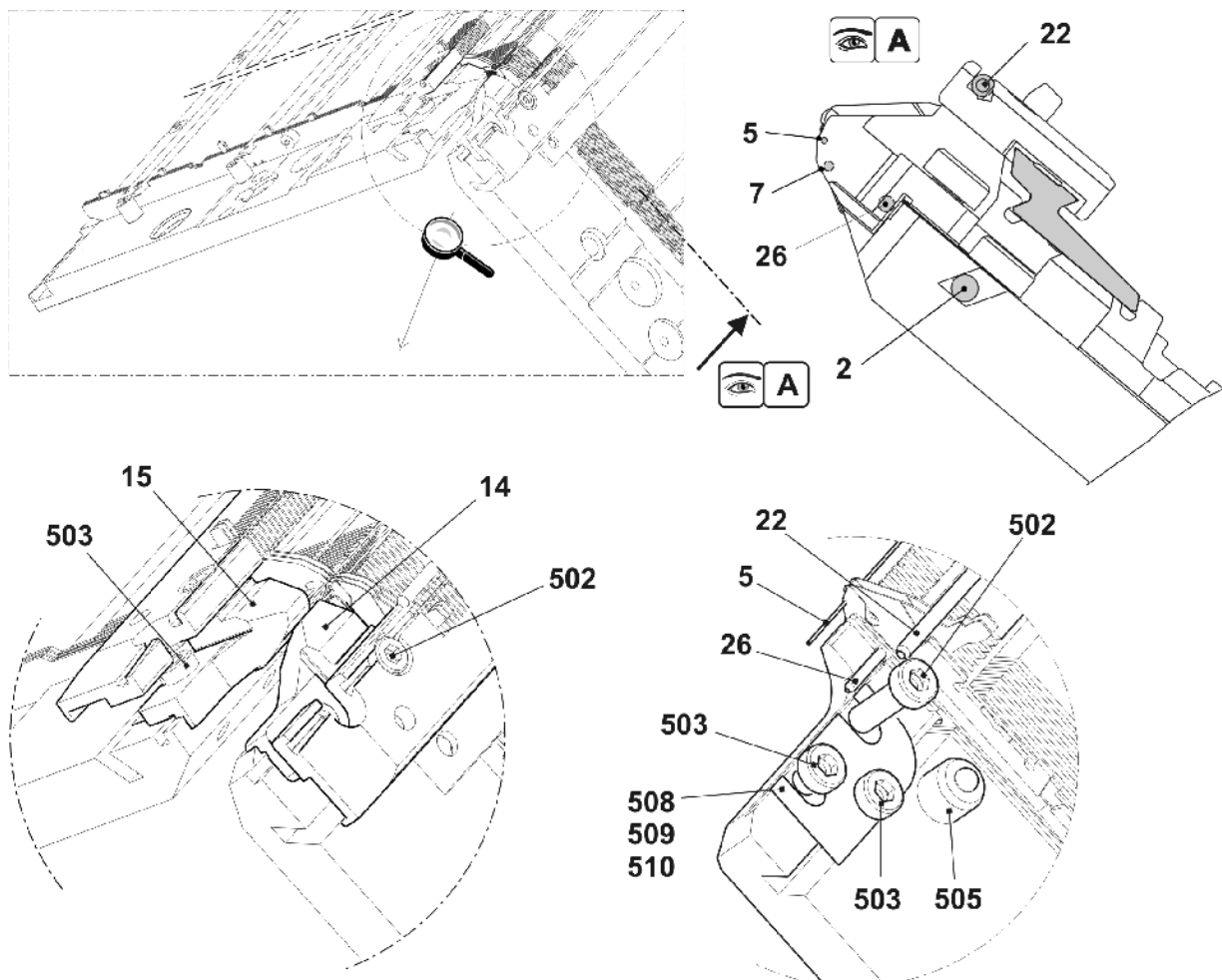
4.10 Needle bed E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E8.2	263 883			
1	Needle bed at the front + rear E16	263 712	19	Cover rail at the front E16	222 531
3	Main trick wall E16	245 319	20	Cover rail	213 762
4	Pressure strip at the front E5-14	219 536	21	Cover rail	213 763
6a	Needle E8.2	261 263	24	Bush	206 090
6b	Coupling part E16-18	253 384	26	Spring steel wire ø2,0	213 996
7	Pressure strip at the rear E5-14	219 537	27	Pressure strip at the rear on the right E16-20	223 042
8	Intermediate slider with brake E16-18	255 537	28	Stop screw	235 244
9	Selection jack E16 with selector spring	222 265	501	Cap screw M5x8	023 379
10	Holding-down jack bed at the rear E16	240 450	502	Cap screw M5x22	023 193
11	Holding-down jack bed at the front E16	240 433	504	Setscrew M3,5x2,3	020 512
12	Knock-over bit wire position 0,8 mm E8.2	261 865	40*	Disk brush	235 612
13	Holding-down jack E16	264 106	41*	Container disk brush	233 012
16	Needle bar on the left	213 998	42*	Disk brush	202 600
17	Needle bar on the right	213 999	43*	Adjusting bolt	251 772
18	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032



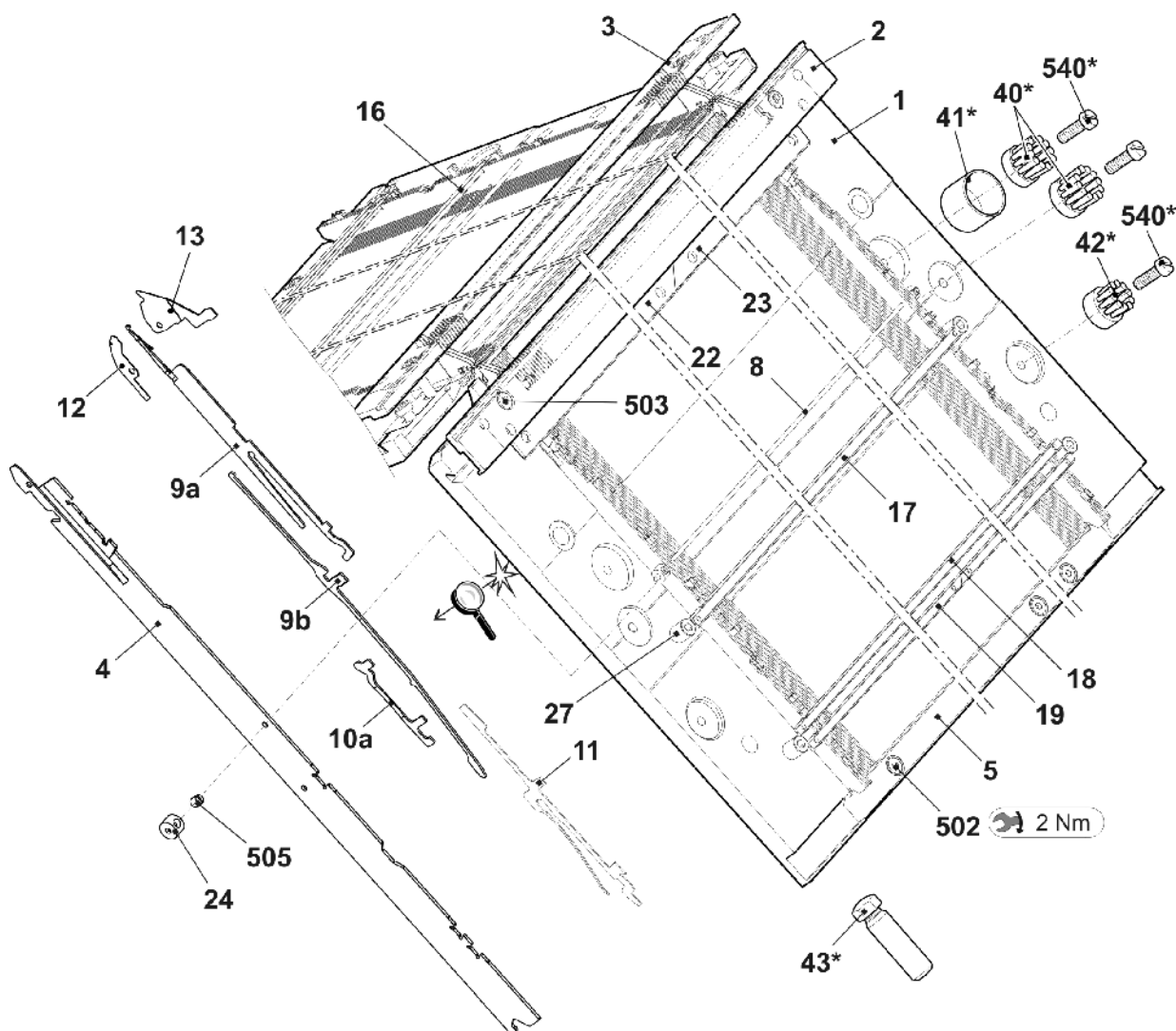
4.10.1 Continuation needle bed E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Locating wire ø3,4	213 995	502	Cap screw M5x22	023 193
5	Spring steel wire ø0,5	220 759	503	Cap screw M5x12-8.8	022 943
14	Limiter on the left E16-20	220 821	505	Springy thrust piece	023 177
15	Limiter on the right E16-20	220 822	508	Shim0,05x18,5x34	023 196
22	Locating wire ø2,8	223 922	509	Shim0,1x18,5x34	023 197
26	Spring steel wire ø2,0	213 996	510	Shim0,2x18,5x34	023 253



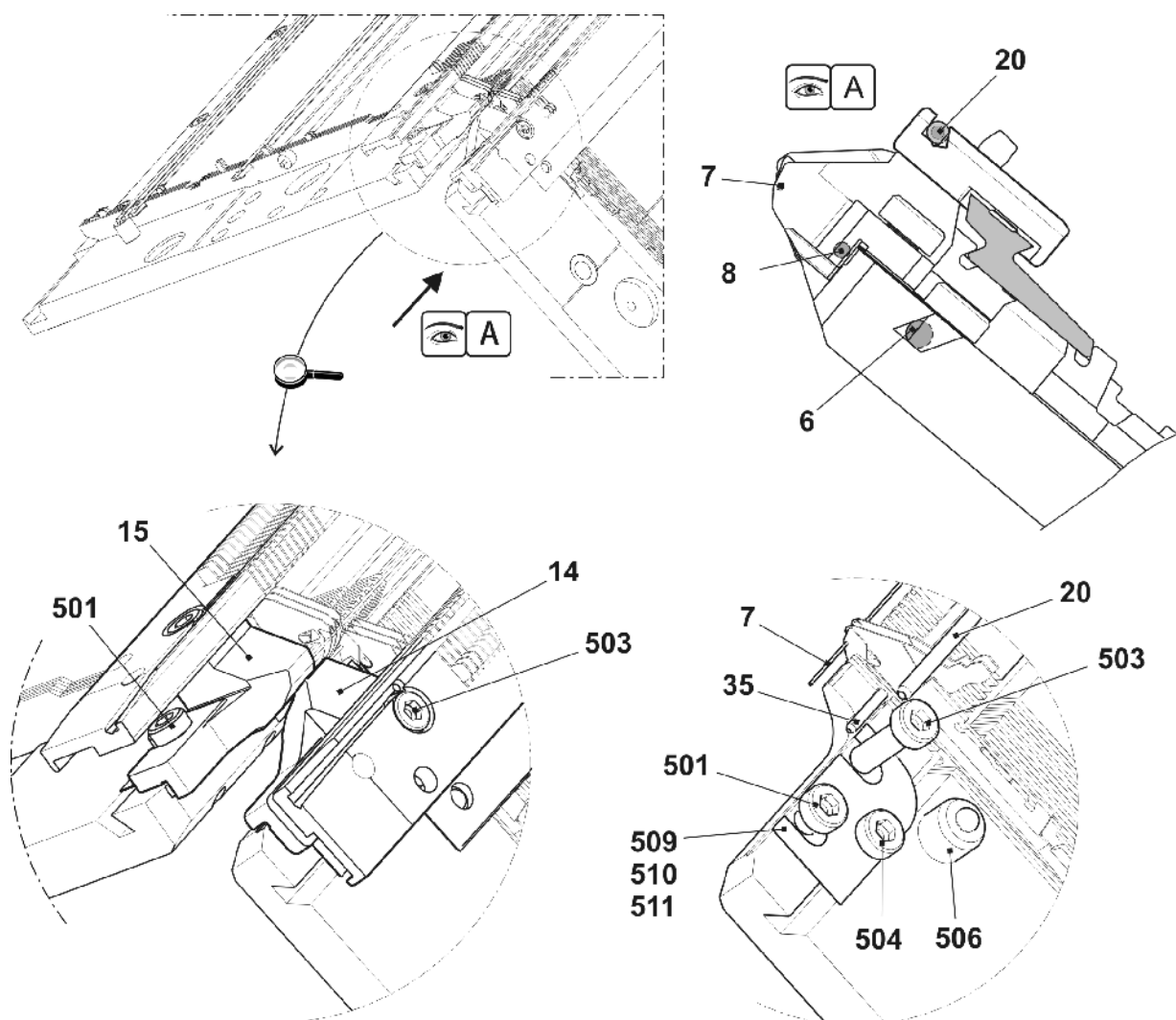
4.11 Needle bed E7.2 k&w

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	263 881			
1	Needle bed at the front + rear E14	263 711	18	Cover rail	213 762
2	Holding-down jack bed at the rear E7.2	240 456	19	Cover rail	213 763
3	Holding-down jack bed at the front E7.2	240 439	22	Needle bar on the left	213 998
4	Main trick wall E14	260 344	23	Needle bar on the right	213 999
5	Pressure slide E10-14	213 919	24	Bush	206 090
8	Spring steel wire $\varnothing 2,0$	213 996	27	Stop screw	235 244
9a	Needle E7.2 vosa special 112.70-62	225 230	502	Cap screw M5x8	023 379
9b	Coupling part E14	253 383	503	Cap screw M5x22	023 193
10a	Intermediate slider with brake E14	255 536	505	Setscrew M3,5x2,3	020 512
11	Selection jack with spring E14	224 725	40*	Disk brush	235 612
12	Knock-over bit E7.2	234 903	41*	Container disk brush	233 012
13	Holding-down jack E7.2	236 954	42*	Disk brush	202 600
16	Cover rail at the rear	213 981	43*	Adjusting bolt	251 772
17	Cover rail at the front E14	272 171	540*	Cap screw M5x12	020 032



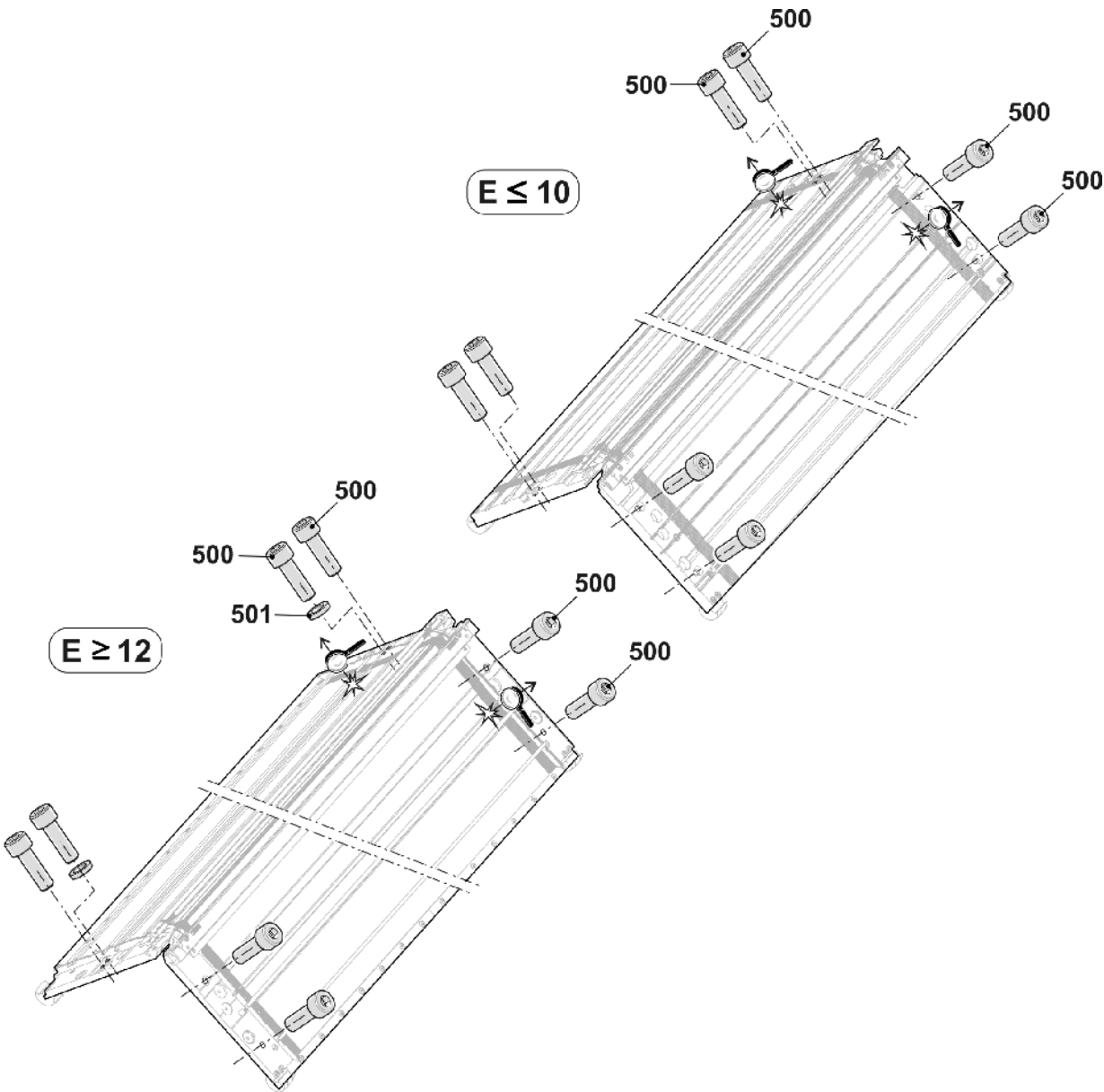
4.11.1 Continuation needle bed E7.2 k&w

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



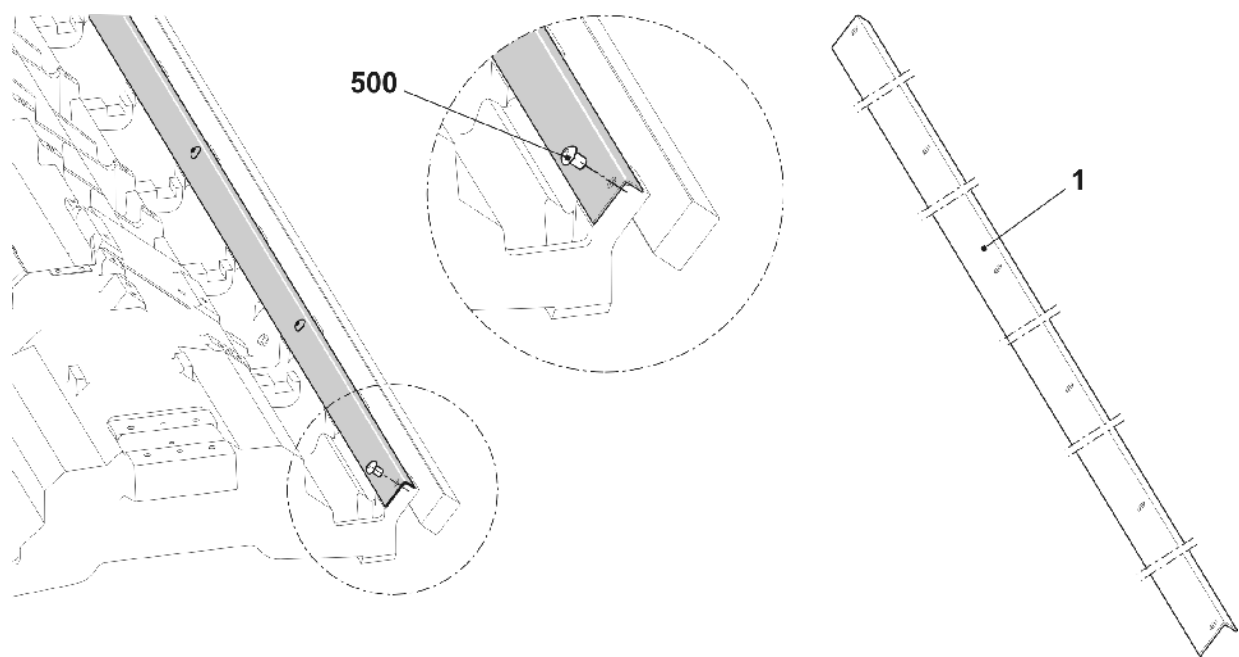
4.12
Needle beds, fixing elements

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



4.13 Cover

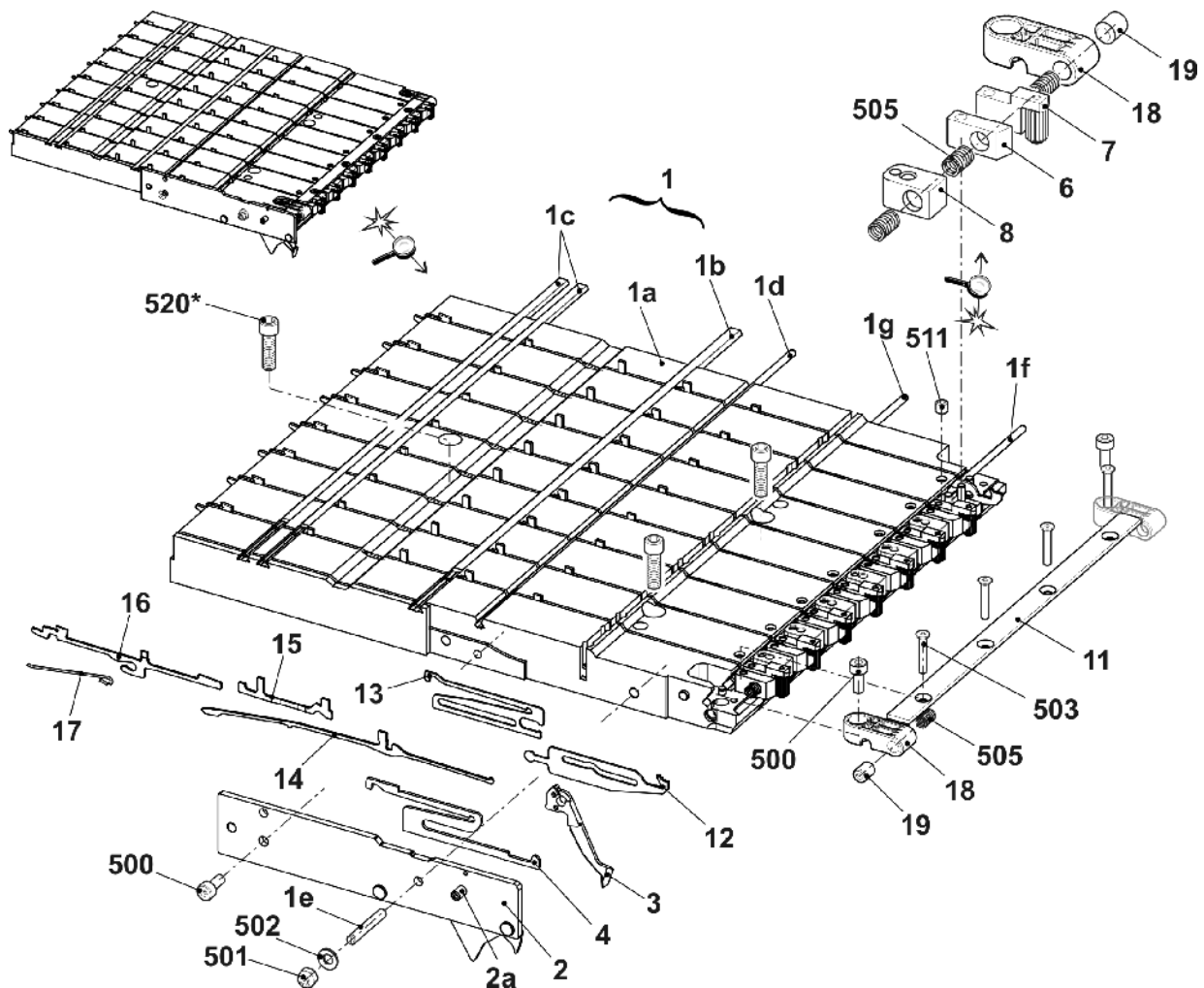
Pos	Designation	Id	Pos	Designation	Id
1	Cover	241 922	500	Pan head screw M8x10	241 930



4.14 Left clamping and cutting bed

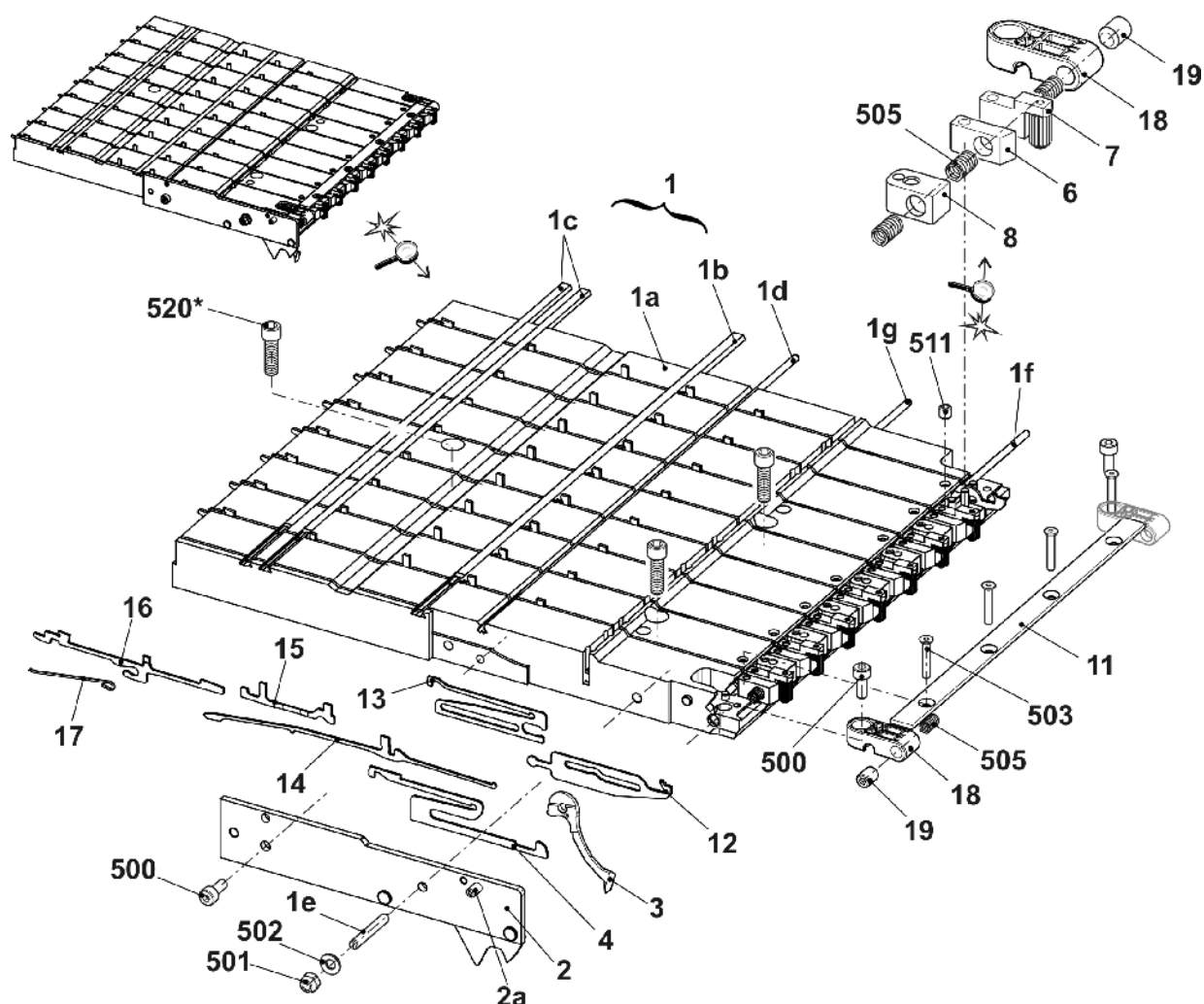
E10 | E12 | E14 | E6.2 | E7.2 | E6.2(E12m.10) | E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping and cutting bed E10-14	270 259	8	Intermediate piece	255 719
1	Guide plate EPT on the left E5-14	270 267	11	Holding strip	253 176
1a	Guide plate on the left E10-14	269 926	12	Catch needle on the left E5-14	255 813
1b	Cover rail	253 173	13	Intermediate part E10-14	244 591
1c	Cover rail	253 174	14	Coupling part E5-8	253 381
1d	Locating wire	253 172	15	Intermediate slider with brake E5-8	255 534
1e	Guide pin	211 351	16	Selection jack E4-8	200 687
1f	Locating wire	253 171	17	Selector spring E4-8	200 690
1g	Locating wire	215 927	18	Spring holder	255 724
511	Setscrew M5x5	236 061	19	Threaded bolt	255 723
2	Cover on the left complete E5-14	260 967	500	Cap screw M4x10	023 136
2a	Springy thrust piece N4	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the left E5-14	260 969	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
6	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the left complete	244 633	520*	Cap screw M6x20	244 824



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

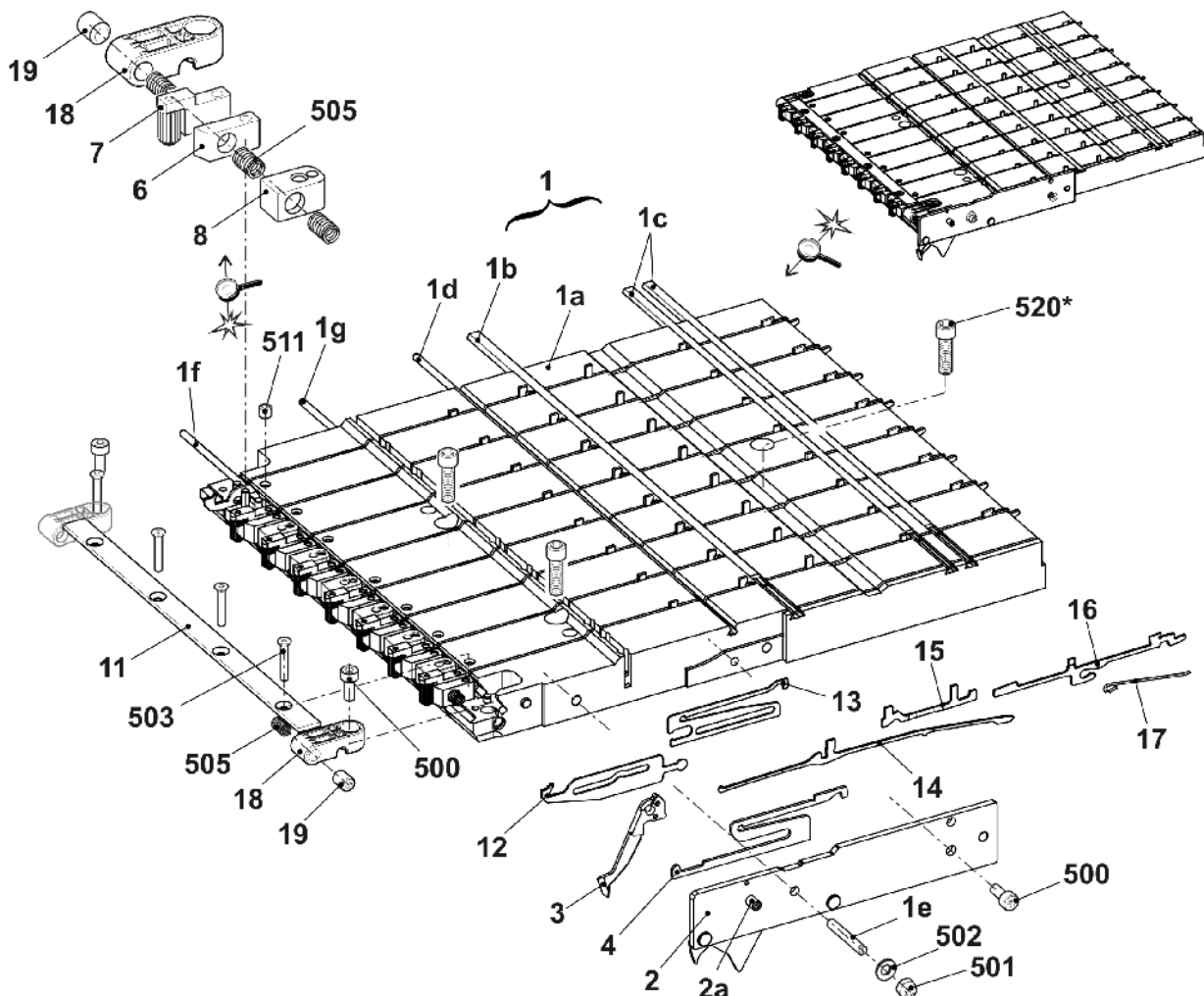
Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E16-18	270 265	8	Intermediate piece	255 719
1	Guide plate EPT on the left E16-18	270 325	11	Holding strip	253 176
1a	Guide plate on the left E16-18	270 253	12	Catch needle on the left E16-18	255 814
1b	Cover rail	253 173	13	Intermediate part	244 741
1c	Cover rail	253 174	14	Coupling part E10-12	253 382
1d	Locating wire	253 172	15	Intermediate slider with brake E10-12	255 535
1e	Guide pin	211 351	16	Selection jack E10-12	200 688
1f	Locating wire	253 171	17	Selector spring E10-12	200 691
1g	Locating wire	215 927	18	Spring holder	255 724
511	Setscrew M5x5	236 061	19	Threaded bolt	255 723
2	Cover on the left complete E16-18	259 407	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the left E10-18	259 311	502	Washer 4	020 870
4	Slider E16-18	259 309	503	Pan-head screw M3x18	242 728
6	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the left complete	244 633	520*	Cap screw M6x20	244 824



4.16 Right clamping and cutting bed

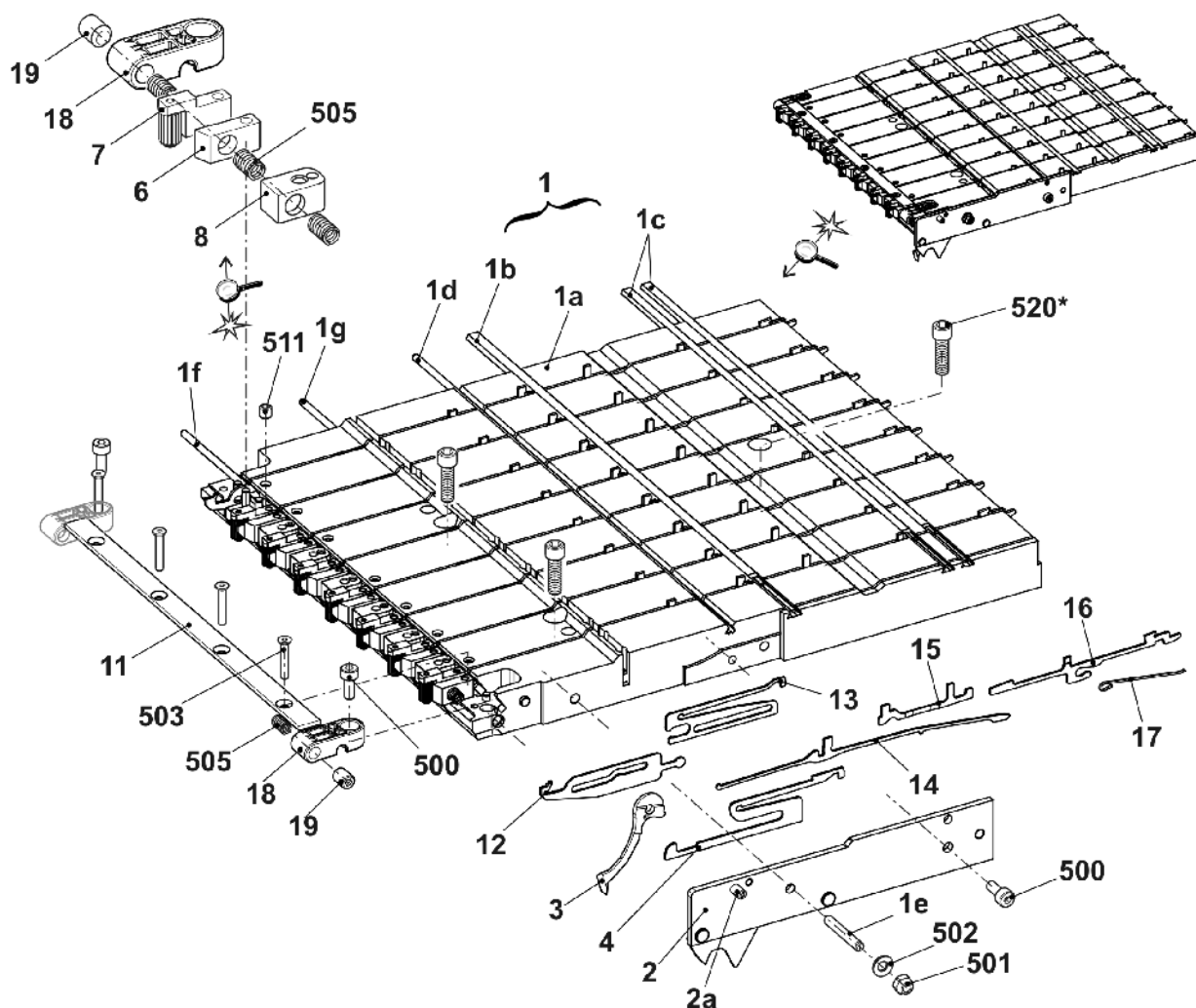
E10 | E12 | E14 | E6.2 | E7.2 | E6.2(E12m.10) | E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Clamping and cutting bed on the right E10-14	270 258	8	Intermediate piece	255 719
1	Guide plate EPT on the right E5-14	270 266	11	Holding strip	253 176
1a	Guide plate on the right E5-14	269 925	12	Catch needle on the right E5-14	255 692
1b	Cover rail	253 173	13	Intermediate part E10-14	244 591
1c	Cover rail	253 174	14	Coupling part E5-8	253 381
1d	Locating wire	253 172	15	Intermediate slider with brake E5-8	255 534
1e	Guide pin	211 351	16	Selection jack E4-8	200 687
1f	Locating wire	253 171	17	Selector spring E4-8	200 690
1g	Locating wire	215 927	18	Spring holder	255 724
511	Setscrew M5x5	236 061	19	Threaded bolt	255 723
2	Cover on the right complete E5-14	260 966	500	Cap screw M4x10	023 136
2a	Springy thrust piece N4	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the right complete E5-18	260 968	502	Washer 4	020 870
4	Slider E5-14	258 050	503	Pan-head screw M3x18	242 728
6	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the right complete	244 602	520*	Cap screw M6x20	244 824

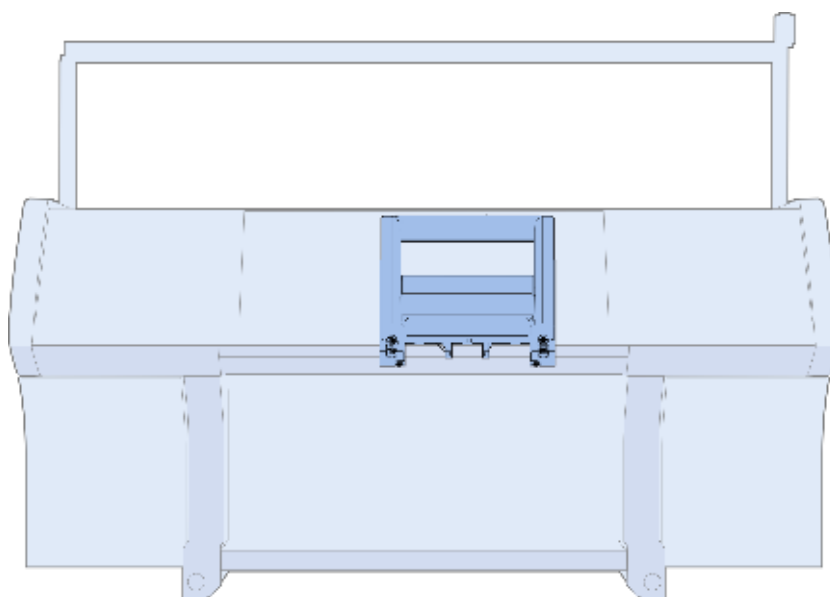


4.17 Right clamping and cutting bed E16|E18|E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E16-18	270 264	8	Intermediate piece	255 719
1	Guide plate EPT on the right E16-18	270 324	11	Holding strip	253 176
1a	Guide plate on the right E16-18	270 252	12	Catch needle on the right E16-18	255 693
1b	Cover rail	253 173	13	Intermediate part	244 741
1c	Cover rail	253 174	14	Coupling part E10-12	253 382
1d	Locating wire	253 172	15	Intermediate slider with brake E10-12	255 535
1e	Guide pin	211 351	16	Selection jack E10-12	200 688
1f	Locating wire	253 171	17	Selector spring E10-12	200 691
1g	Locating wire	215 927	18	Spring holder	255 724
511	Setscrew M5x5	236 061	19	Threaded bolt	255 723
2	Cover on the right complete E16-18	259 406	500	Cap screw M4x10	023 136
2a	Springy thrust piece	260 235	501	Hexagon nut M4	023 046
3	Catch hook on the right E10-18	259 310	502	Washer 4	020 870
4	Slider E16-18	259 309	503	Pan-head screw M3x18	242 728
6	Blade	243 948	505	Compression spring 07x4,3x12,1	023 521
7	Clamp on the right complete	244 602	520*	Cap screw M6x20	244 824

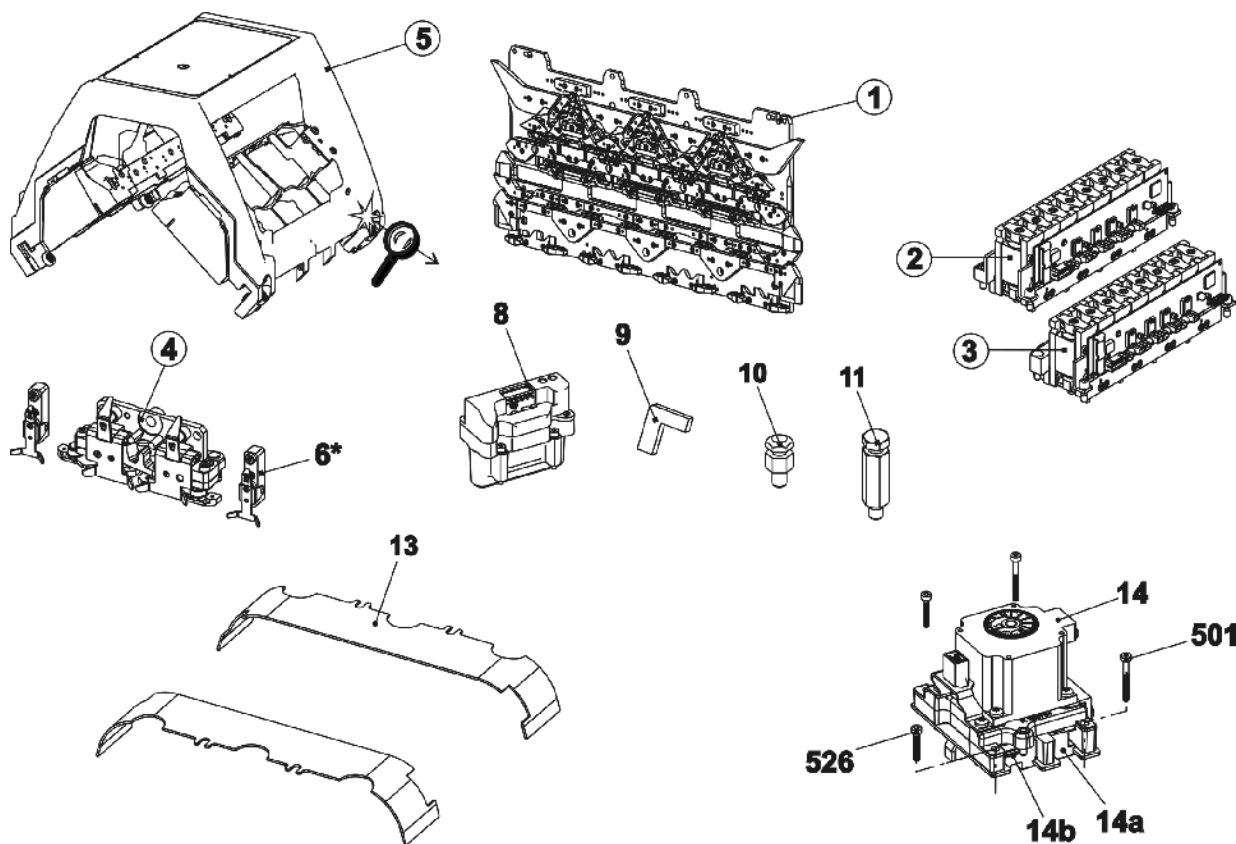


5 Carriage



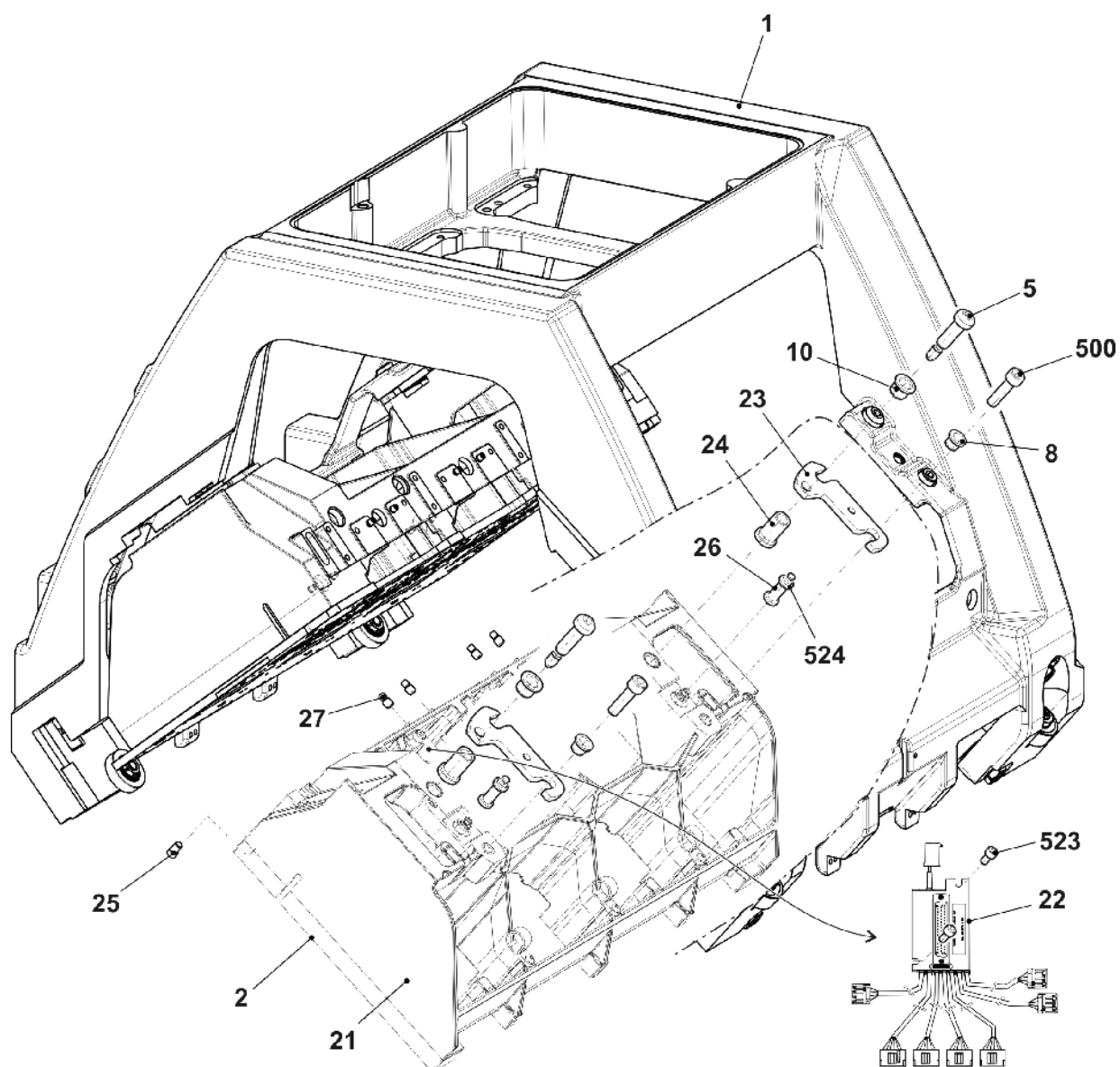
5.1 Overview of carriage

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage complete		1	Cam box (set) complete	
	E10	267 291		E10	265 207
	E12	267 292		E12	265 209
	E14 E14/12	267 294		E14 E14/12	265 210
	E16 E18	267 296		E16 E18	265 211
	E6.2(12m.10)	267 293		E6.2 (12m.10)	265 208
	E6.2	267 297		E6.2	265 212
	E7.2	267 298		E7.2	265 213
	E8.2	267 301		E8.2	265 214
	E7.2 KW	267 300		E7.2 KW	265 223
2	FF driving outside complete	245 297	8	Selection system complete	
3	FF driving in the middle complete	245 298		E16 E18 E8.2	220 114
4	Holding-down jack control complete			E14 E14/12 E7.2	229 300
	E10	256 306	9	Wiper (felt)	241 411
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 307	10	Bolts	212 392
	E16 E18	256 308	11	Bolts	243 171
	E7.2	256 309	13	Cover plate at the top	265 390
	E8.2	256 310	14	Motor unit complete (ATM)	251 827
5	Carriage assembly 3 cam boxes complete	253 152	14a	Gear rack at the top complete	251 817
6*	Sinker opener complete	256 623	14b	Gear rack at the bottom complete	251 818
8	Selection system complete		501	Cap screw M4x35	023 550
	E10 E12 E6.2 6.2(12m.10)	216 219	526	Cap screw M4x20	023 171



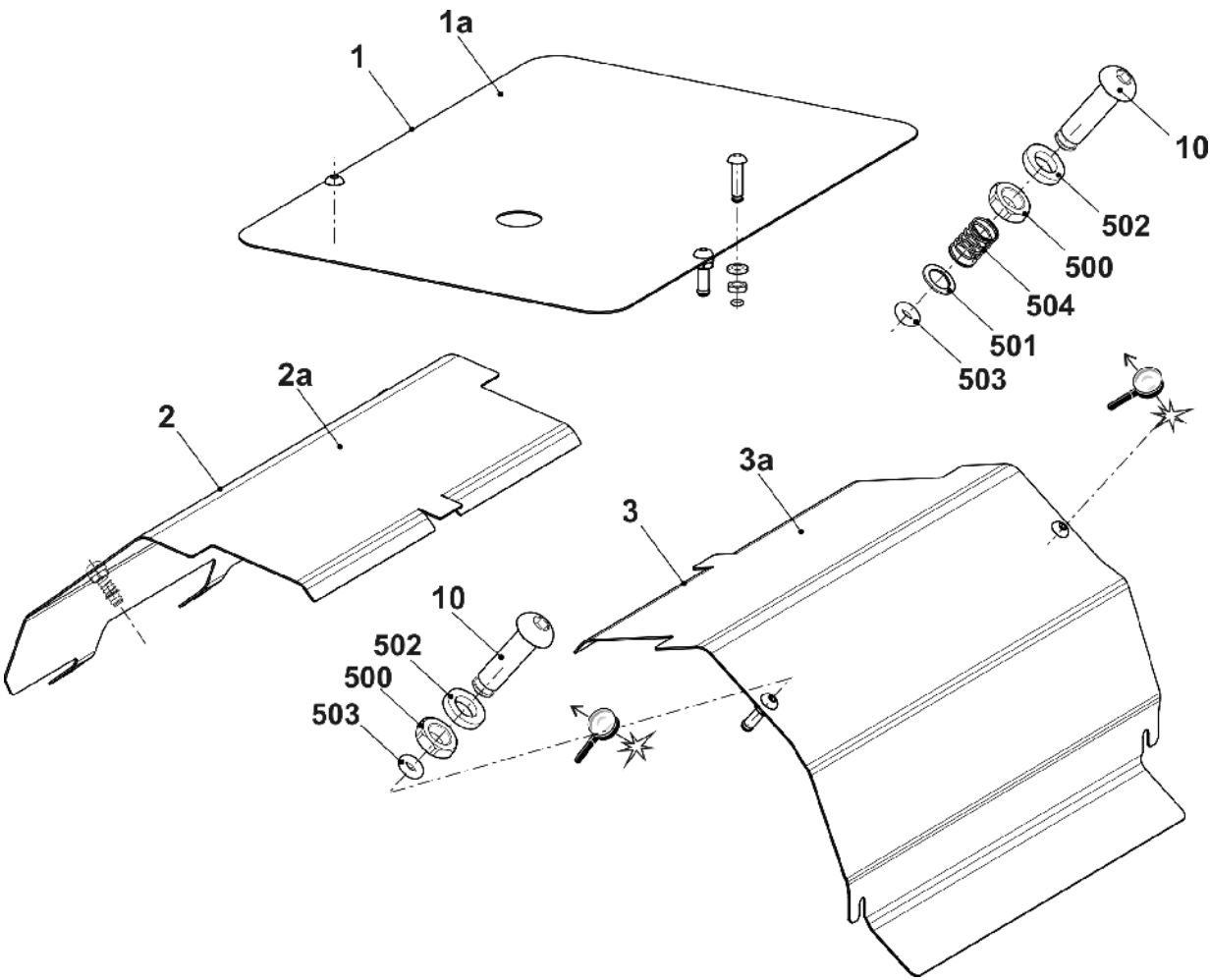
5.2 Carriage assembly

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage assembly 3 cam boxes complete	253 152			
1	Carriage frame, 3--cam box	258 008	27	Eccentric of holding-down jack control	256 994
2	Carriage part complete	265 499	523	Cap screw M5x8	023 319
21	Carriage part E10-18	265 498	524	Circlip 6	021 022
22	Distributor 3S – 5Z OKC3	254 914	5	Shoulder screw	211 750
23	Shim	225 312	8	Bush	207 546
24	Bush	209 275	10	Bush	209 274
25	Eccentric	222 983	500	Cap screw M8x30	020 143
26	Locating bolt linking spot	244 179			



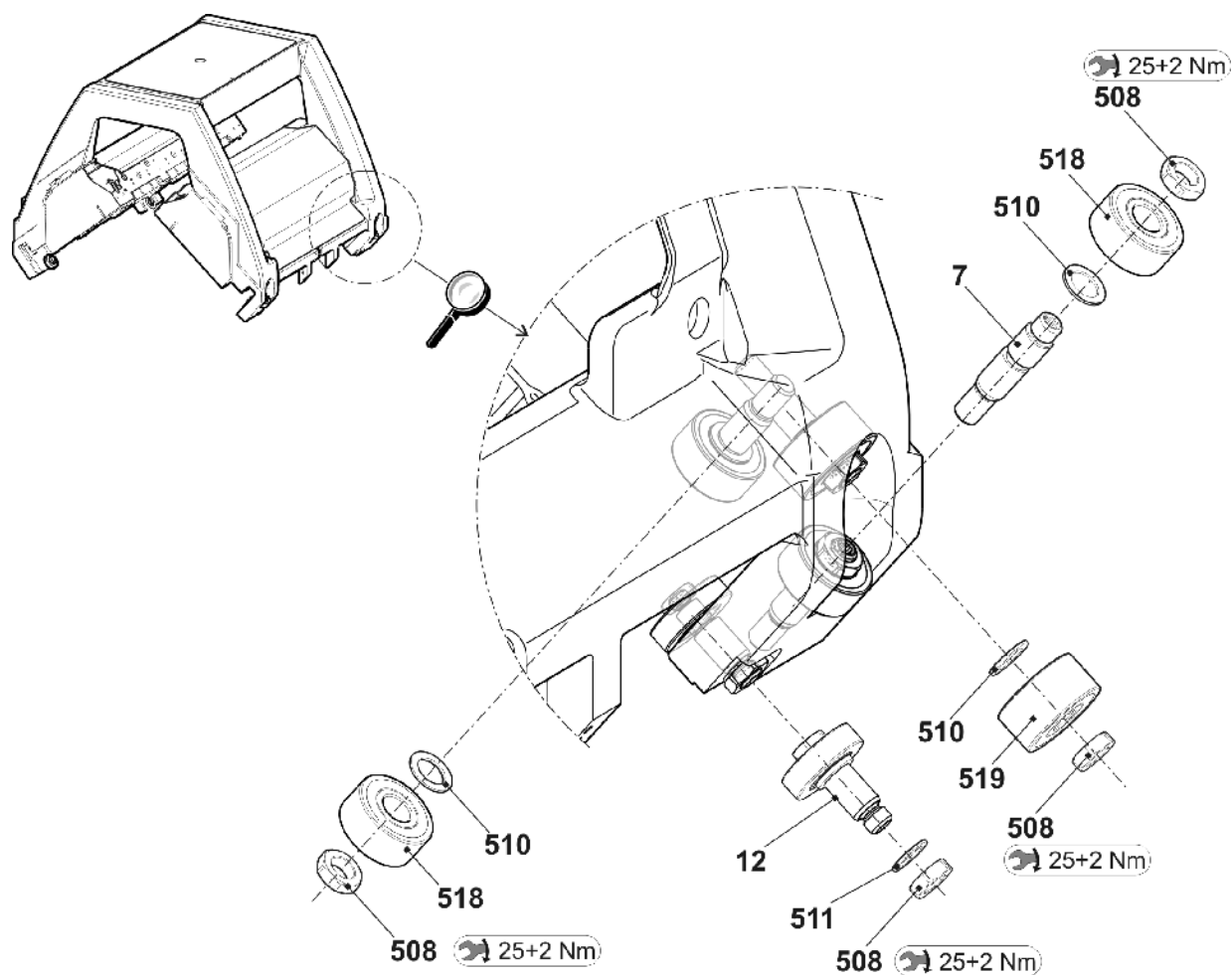
5.3 Carriage cover

Pos	Designation	ID	Pos	Designation	ID
1	Carriage cover at the top 3 cam boxes complete	257 103	10	Locating bolt	242 382
	1a Carriage cover at the top 3 cam boxes 5Z	253 148	500	Hexagon nut M6	257 088
2	Carriage cover at the rear complete 3 cam boxes	259 277	501	Washer 6.1x9x0,5	023 554
	2a Carriage cover at the rear 3 cam boxes 5Z	255 417	502	Serrated lock washer 6,4	022 385
3	Carriage cover at the front 3 cam boxes complete	259 276	503	O-ring 3x2	242 420
	3a Carriage cover at the front 3 cam boxes 5Z	255 416	504	Compression spring 0,48x7,02x17,29	023 654



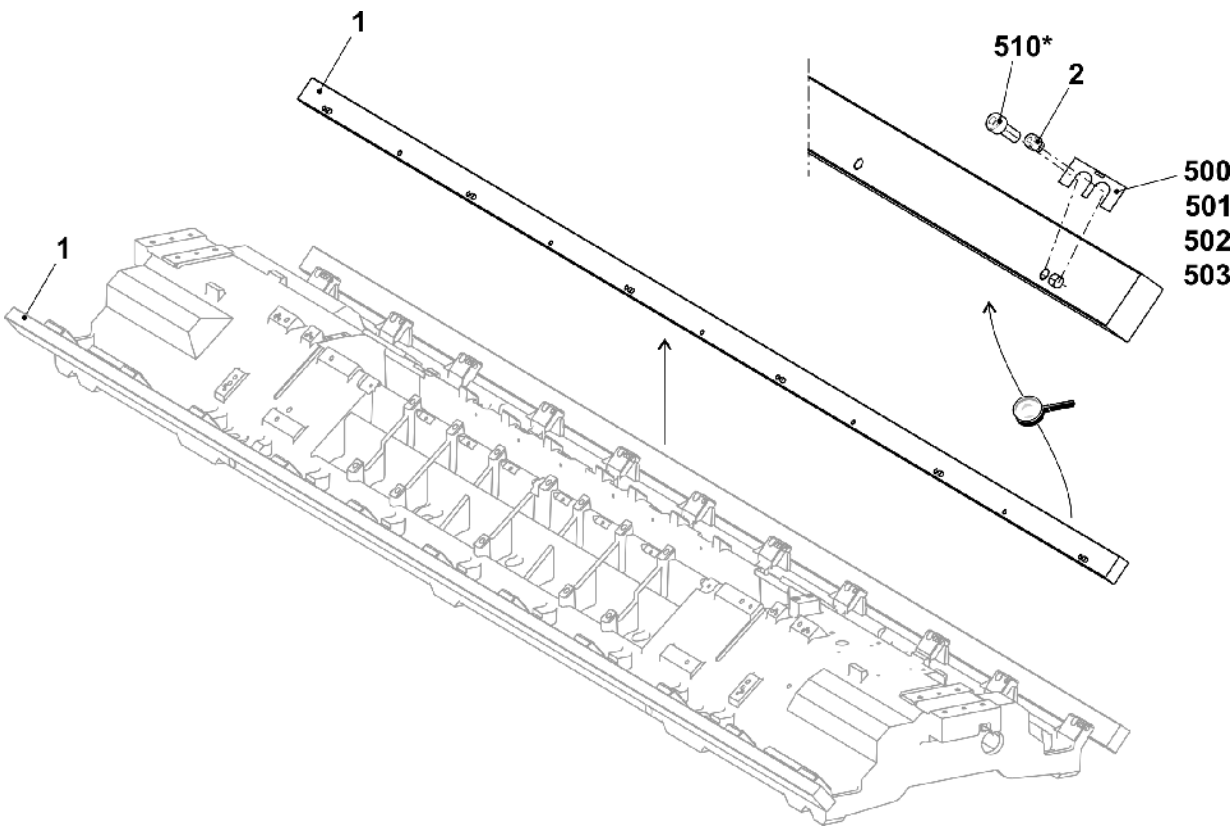
5.4 Carriage guide

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



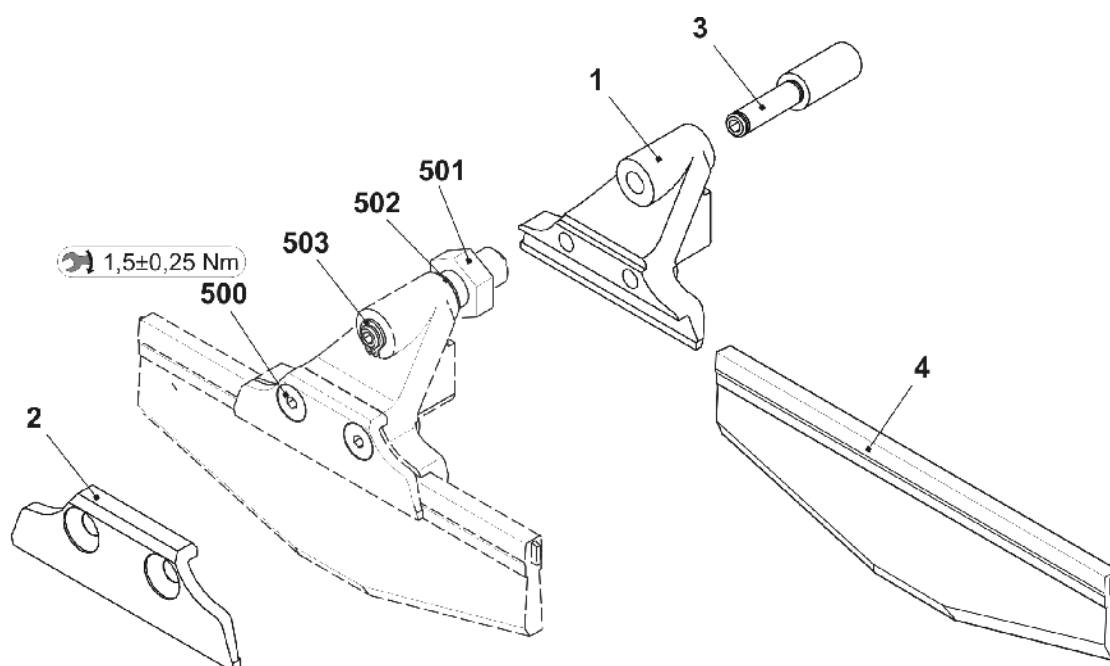
5.5 Spare parts package carriage guide bar

Pos	Designation	ID	Pos	Designation	ID
Σ	Spare parts package carriage guide bar 5XX	243 423	501	Shim0,05x22x42	243 291
1	Carriage guide rail	239 926	502	Shim0,10x22x42	243 292
2	Adjusting eccentric	241 219	503	Shim0,20x22x42	243 293
500	Shim0,03x22x42	243 289	510*	Cap screw M8x20	020 141



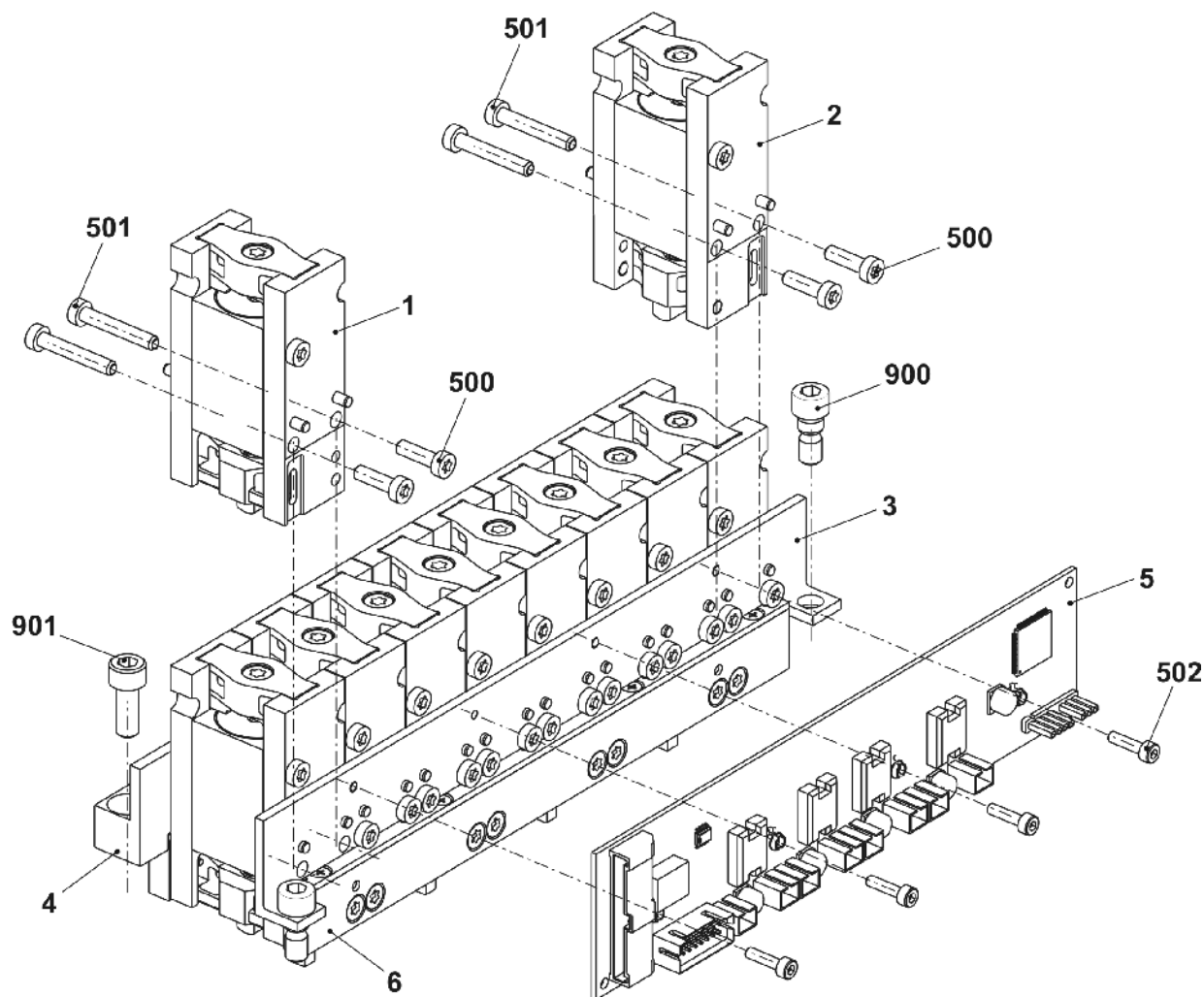
5.6 Brush holder

Pos	Designation	ID	Pos	Designation	ID
Σ	Brush holder complete		4	Brush	
	E10 E12 E14 E14/12	252 749		E10 E12 E14 E14/12	243 074
	E6.2 E7.2 (E12m.10)			E6.2 E7.2 6.2(E12m.10)	
	E16 E18	213 710		E16 E18	203 254
	E8.2	263 500		E8.2	260 502
1	Brush holder	213 009	501	Hexagon nut M8x4	020 856
2	Brush clamp	213 010	502	Shim ring 5x10x0,5	023 348
3	Threaded rod	209 740	503	Retaining ring 5x0,6	023 347
500	Countersunk head screw M4x12	023 062			



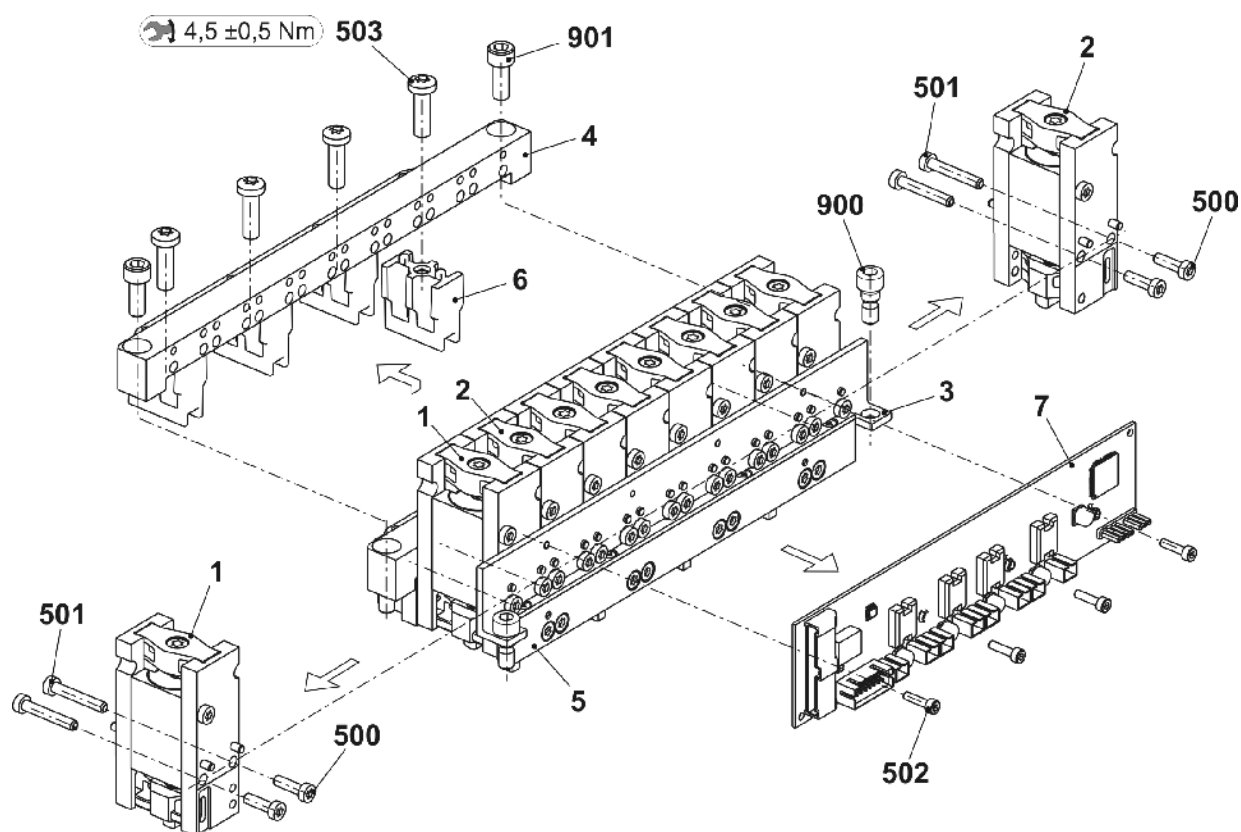
5.7 Yarn carrier driving without guide part

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



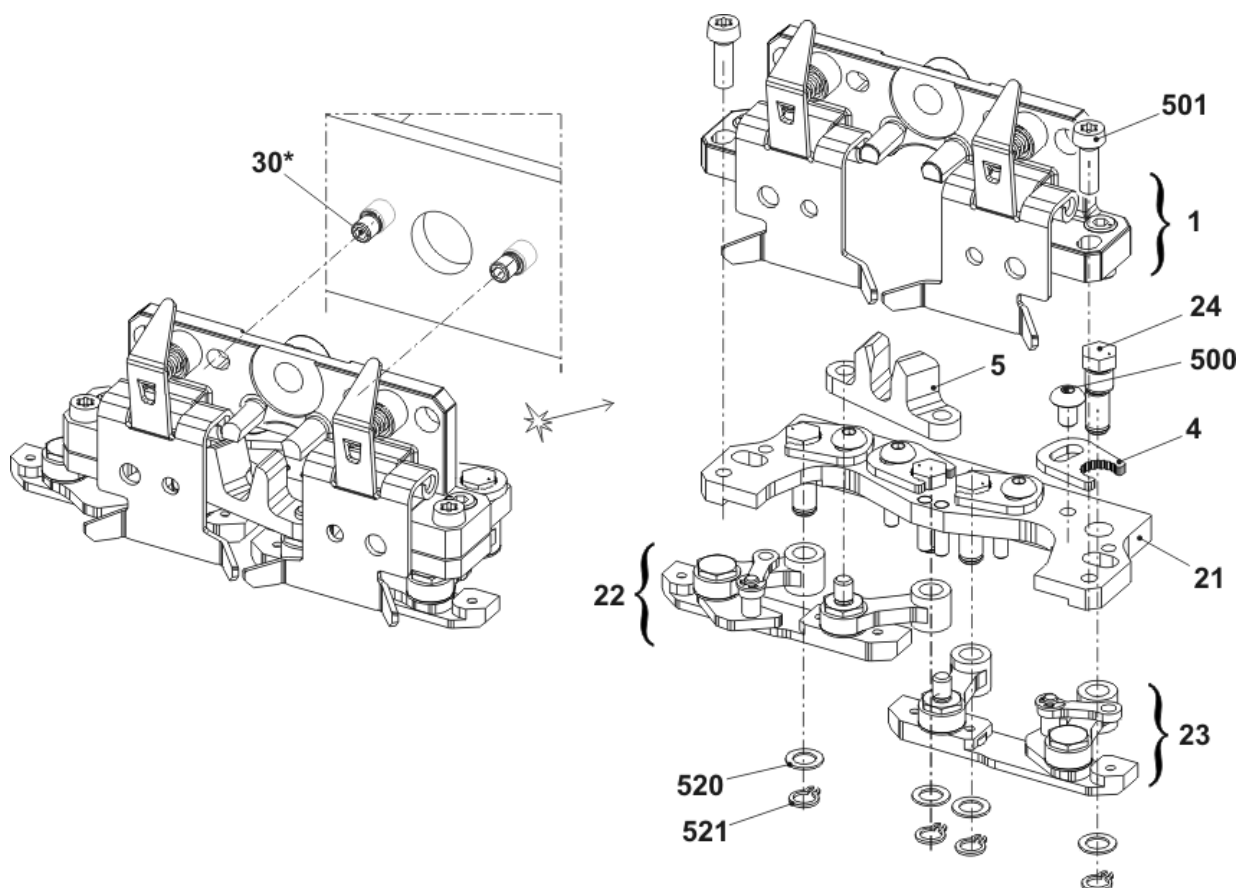
5.8 Yarn carrier driving with guide part

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



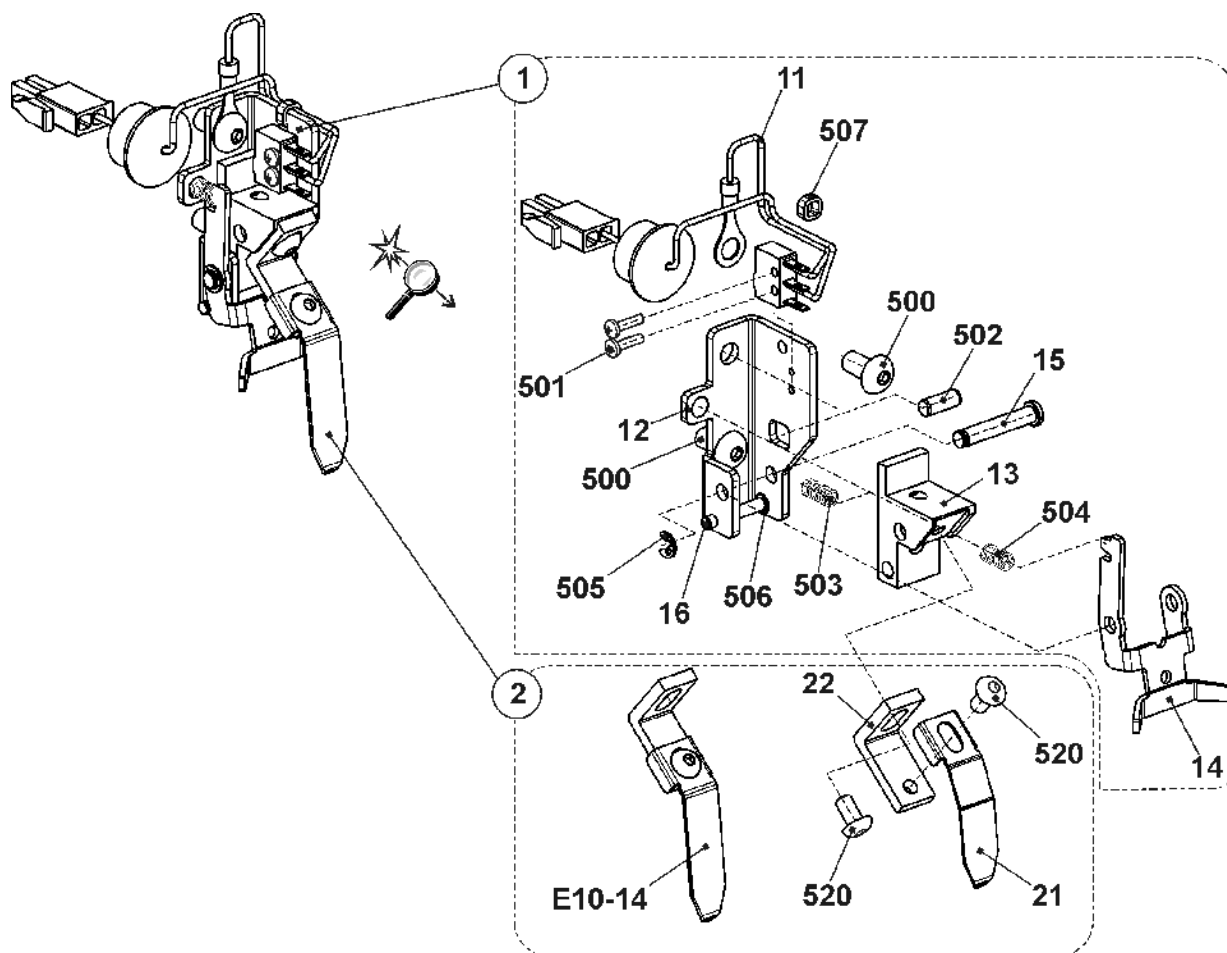
5.9 Holding-down jack control

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack control complete		22	E7.2	256 394
	E10	256 306		E8.2	256 395
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 307	23	Slider on the left complete	
	E16 E18	256 308		E10	256 396
	E7.2	256 309		E12 E14 E6.2 E6.2(12m.10) E14/12	256 397
	E8.2	256 310		E16 E18	256 398
1	Assembly plate complete	256 311		E7.2	256 399
4	Adjusting plate	256 388		E8.2	256 400
5	Plunger	256 059	24	Bolts	209 722
21	Base plate	256 064	500	Pan head screw M4x6	023 427
22	Slider on the right complete		501	Cap screw M4x12	241 859
	E10	251 540	520	Shim ring 5x8x0.5	256 371
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 392	521	Retaining ring 5x0,6	023 347
	E16 E18	256 393	30*	Eccentric of holding-down jack control	256 994



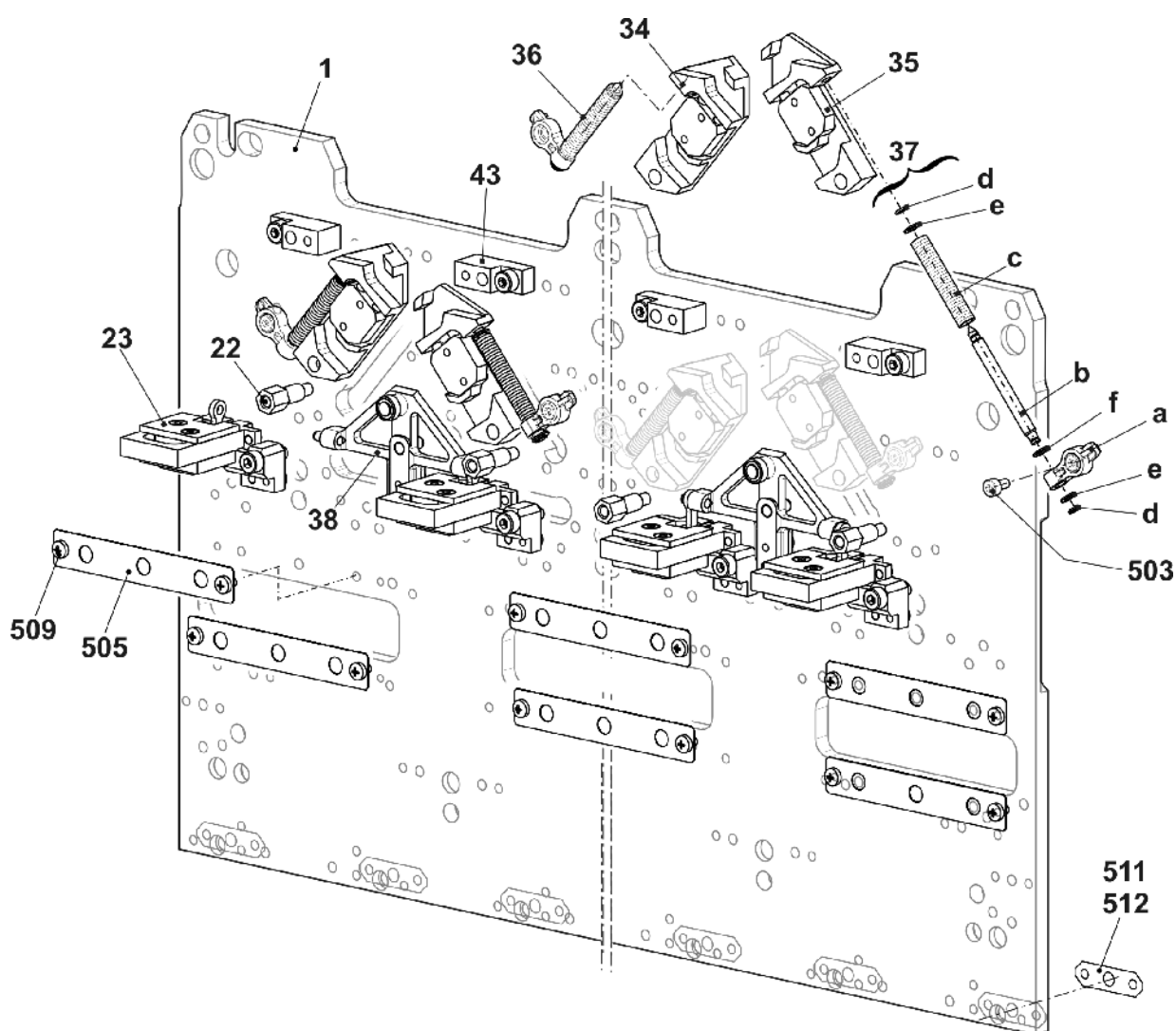
5.10 Needle detector

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle detector				
1	Needle detector pre-assembled E10-18	256 475	504	Compression spring 0,4x4x11,2	256 952
11	Cable of needle detector complete	261 856	505	Circlip	021 018
12	Retainer	256 476	506	Circlip	023 565
13	Switch rocker	256 477	507	Cable tape 92x2,4	008 378
14	Set-out plate	256 094	2	Sensor pre-assembled E10 E12 E14 E6.2 E7.2 E6.2(12m.10) E14/12	256 454
15	Bolts	256 492	21	Sensor E10 E12 E14	255 758
16	Stop bolt	256 493	22	Angle	255 757
500	Pan-head screw M5x10	023 247	520	Pan-head screw M4x8	023 579
501	Pan-head screw M2x8	258 310	2	Sensor pre-assembled E16 E18 E8.2	256 784
502	Dowel pin4x10-A-St	023 753	21	Sensor E16 E18 E8.2	255 759
503	Compression spring 4,3x0,45x10	021 398	22	Angle	255 757
			520	Pan-head screw M4x8	023 579



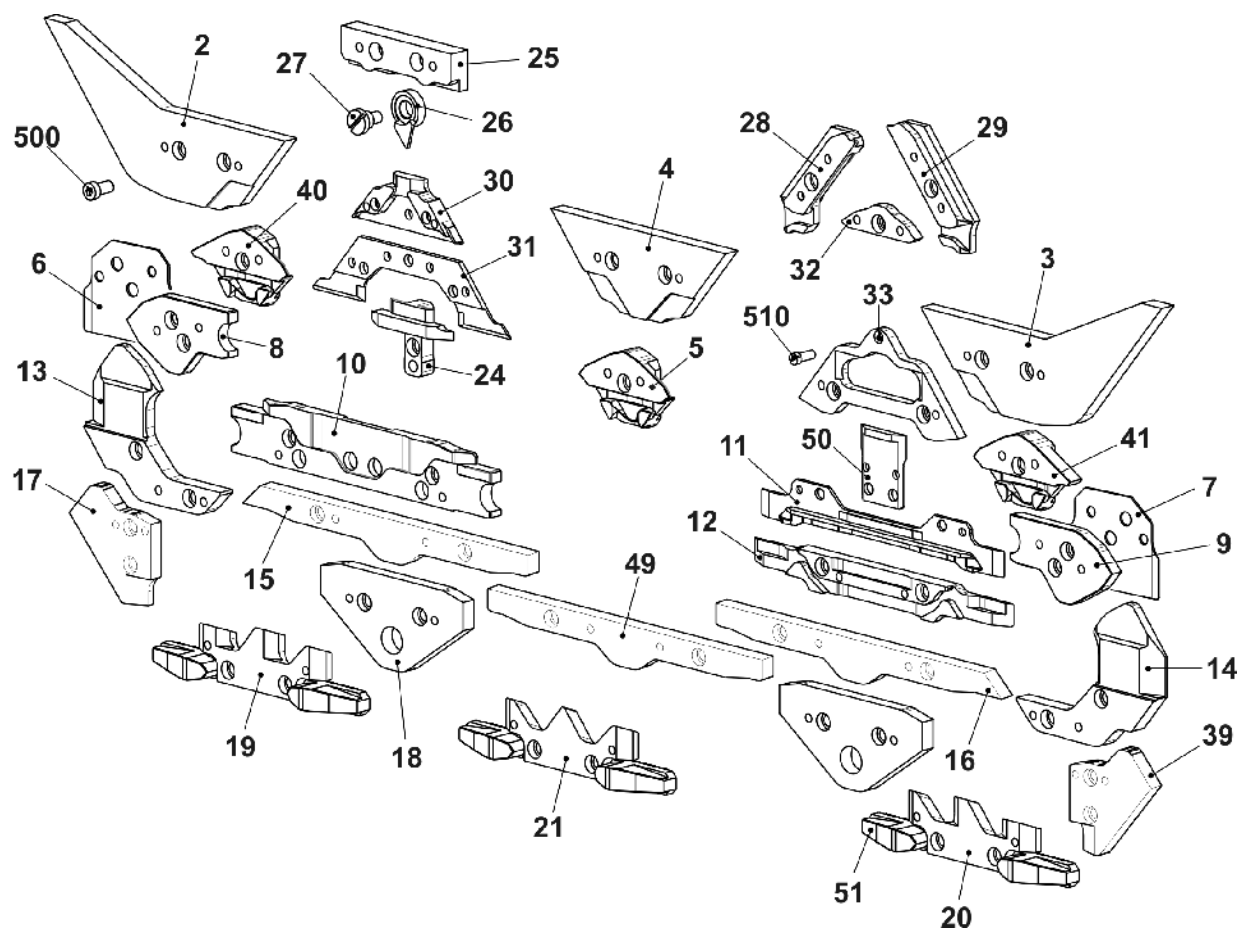
5.11 Cam box E10

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E10	265 207	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E10	254 246	43	Holding piece	251 828
35	Loop sinking cam on the right complete E10	254 247	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



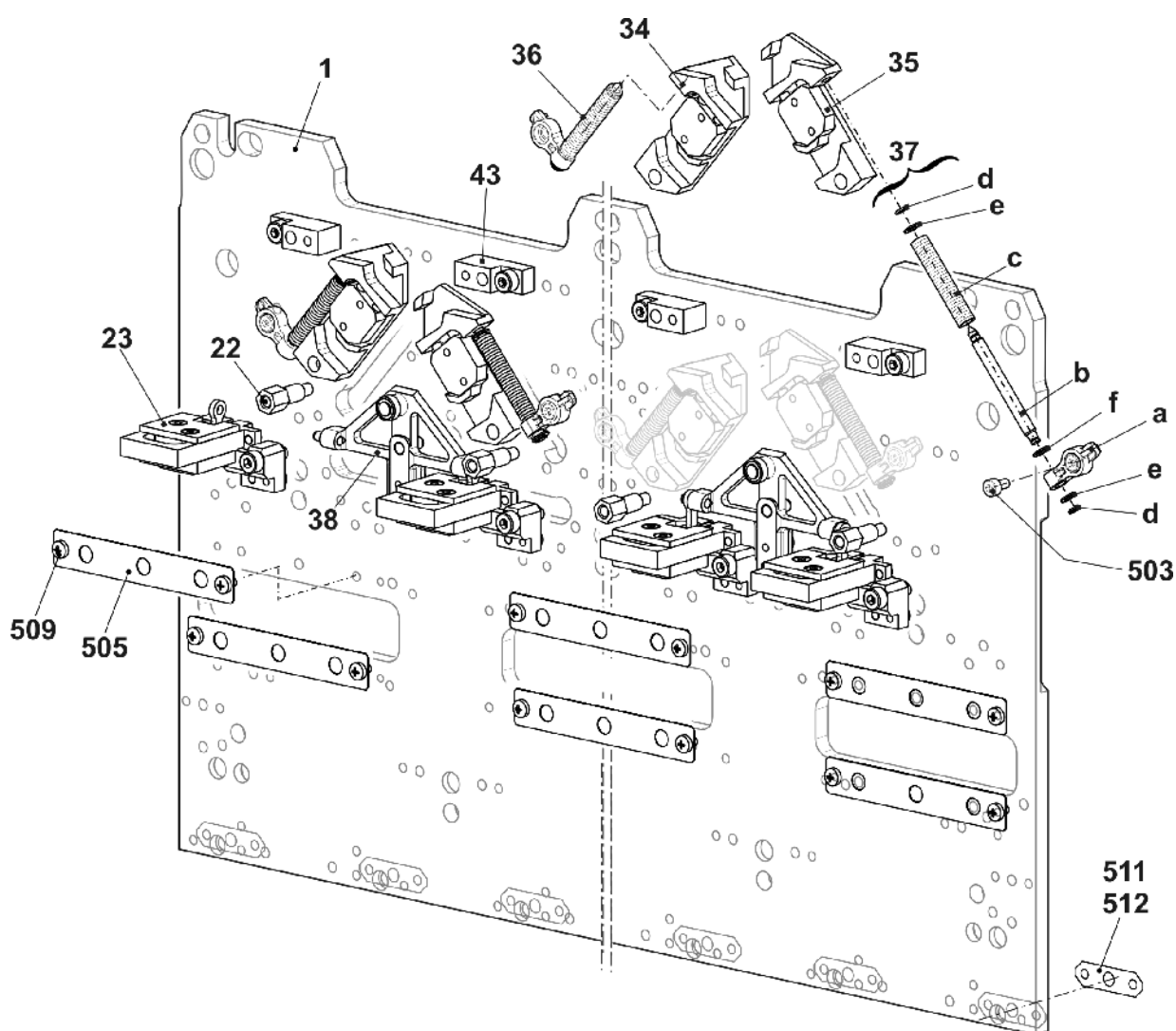
5.11.1 Cams E10

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10 E12	251 997
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E10 E12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10 E12	254 335
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



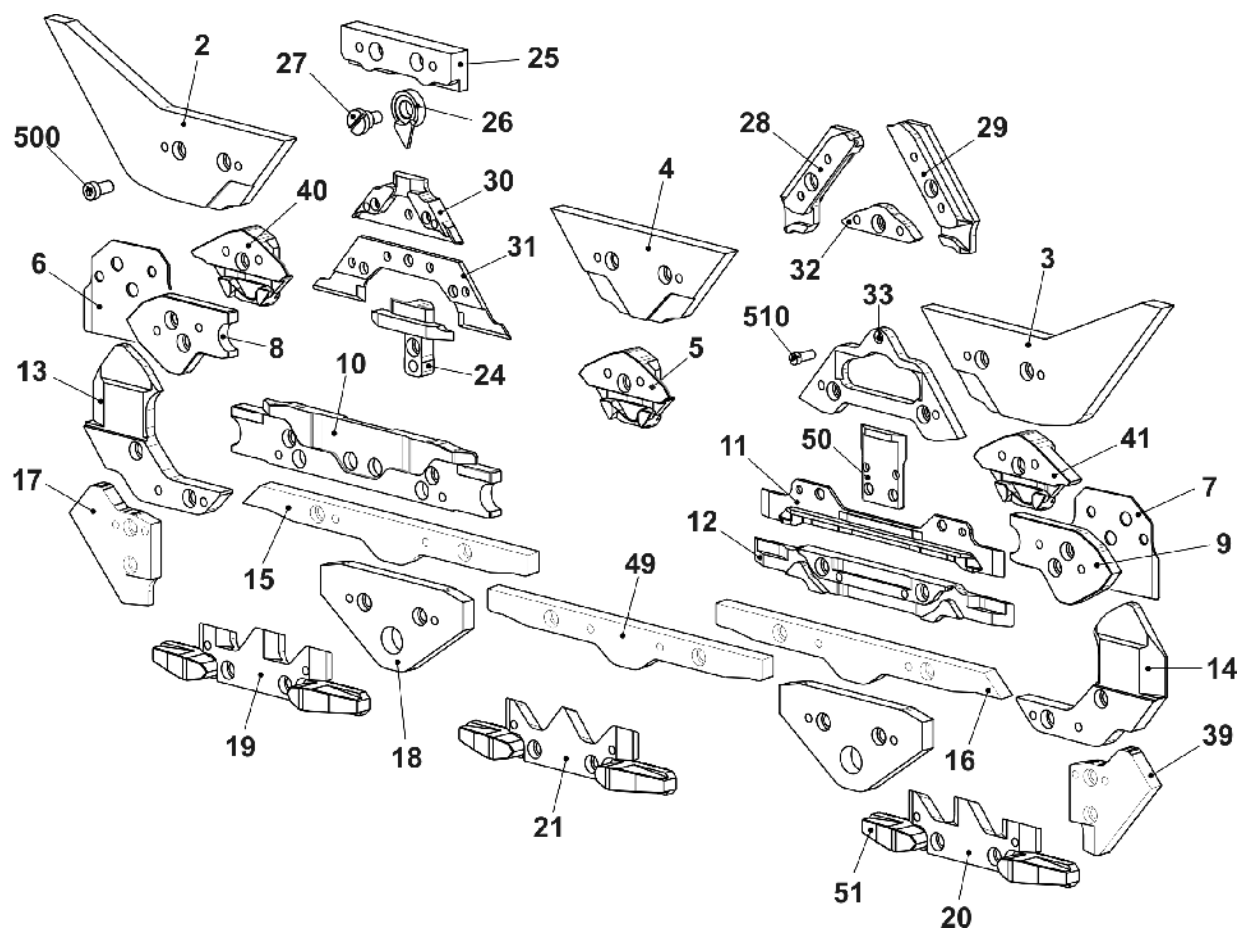
5.12 Cam box E12

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E12	265 209	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



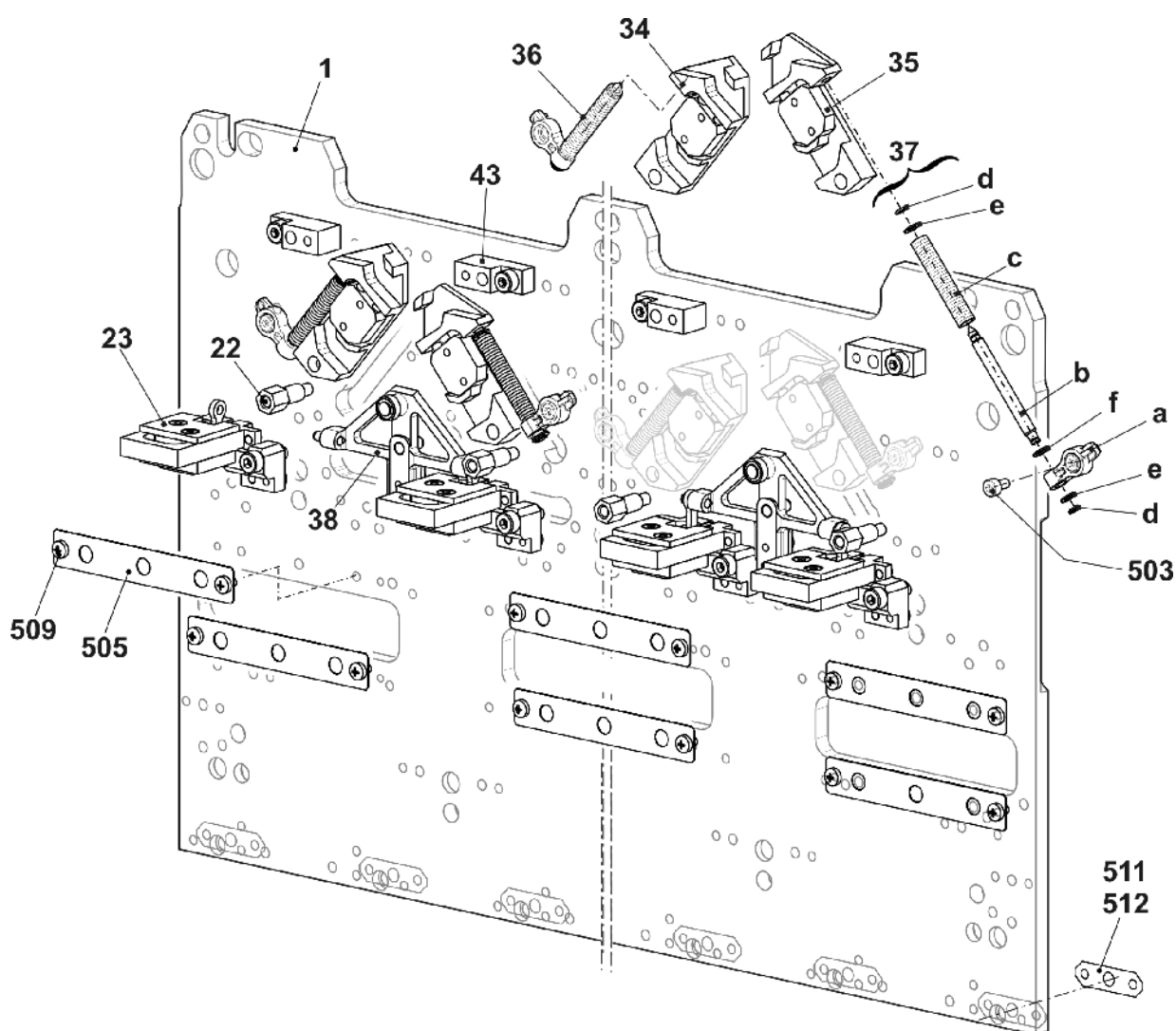
5.12.1 Cams E12

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E12-14	252 522
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E12-14	254 298
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10 E12	251 997
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E10 E12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10 E12	254 335
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



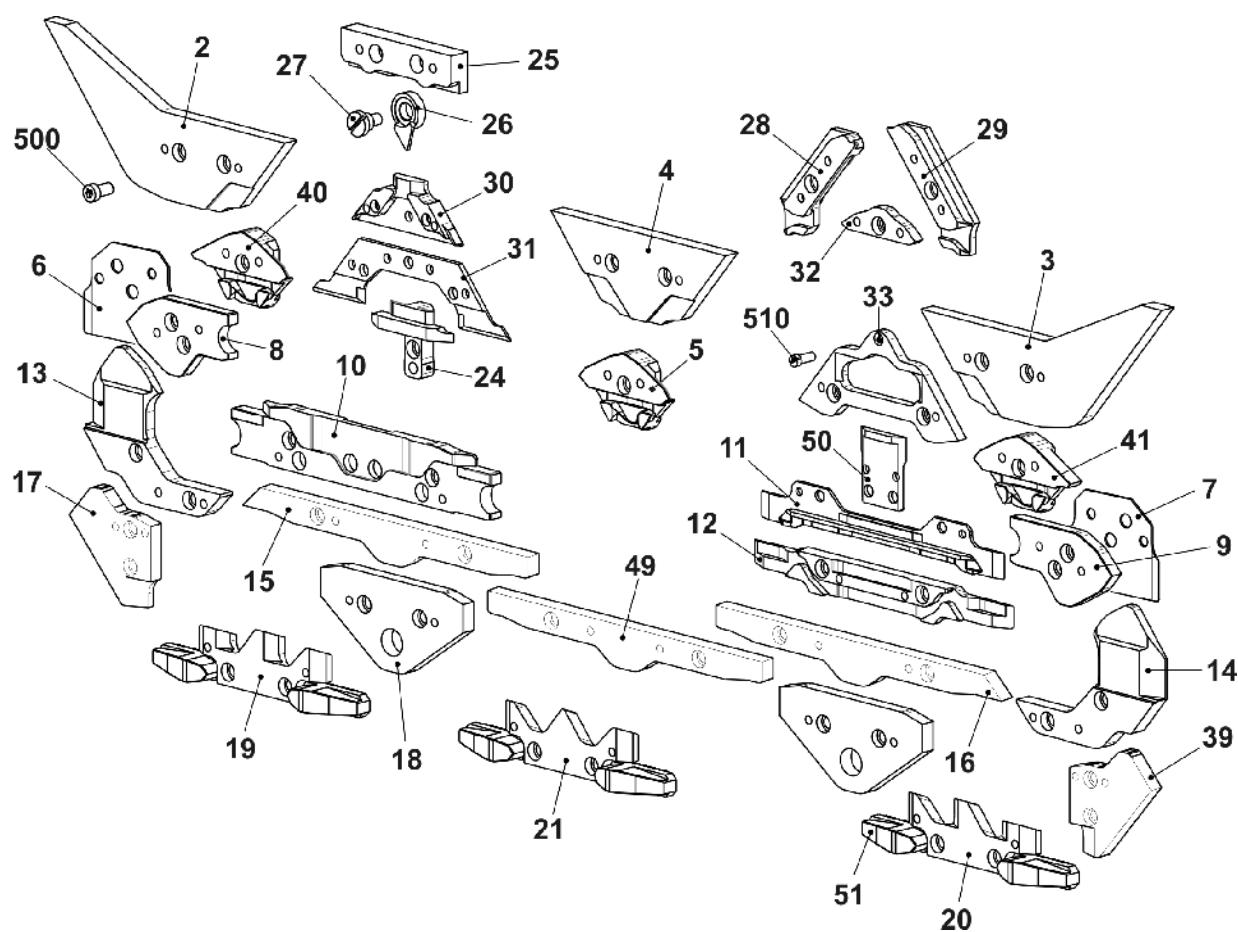
5.13 Cam box E14 | E14/12

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E14 14/12	265 210	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E12-14	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete E12-14	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



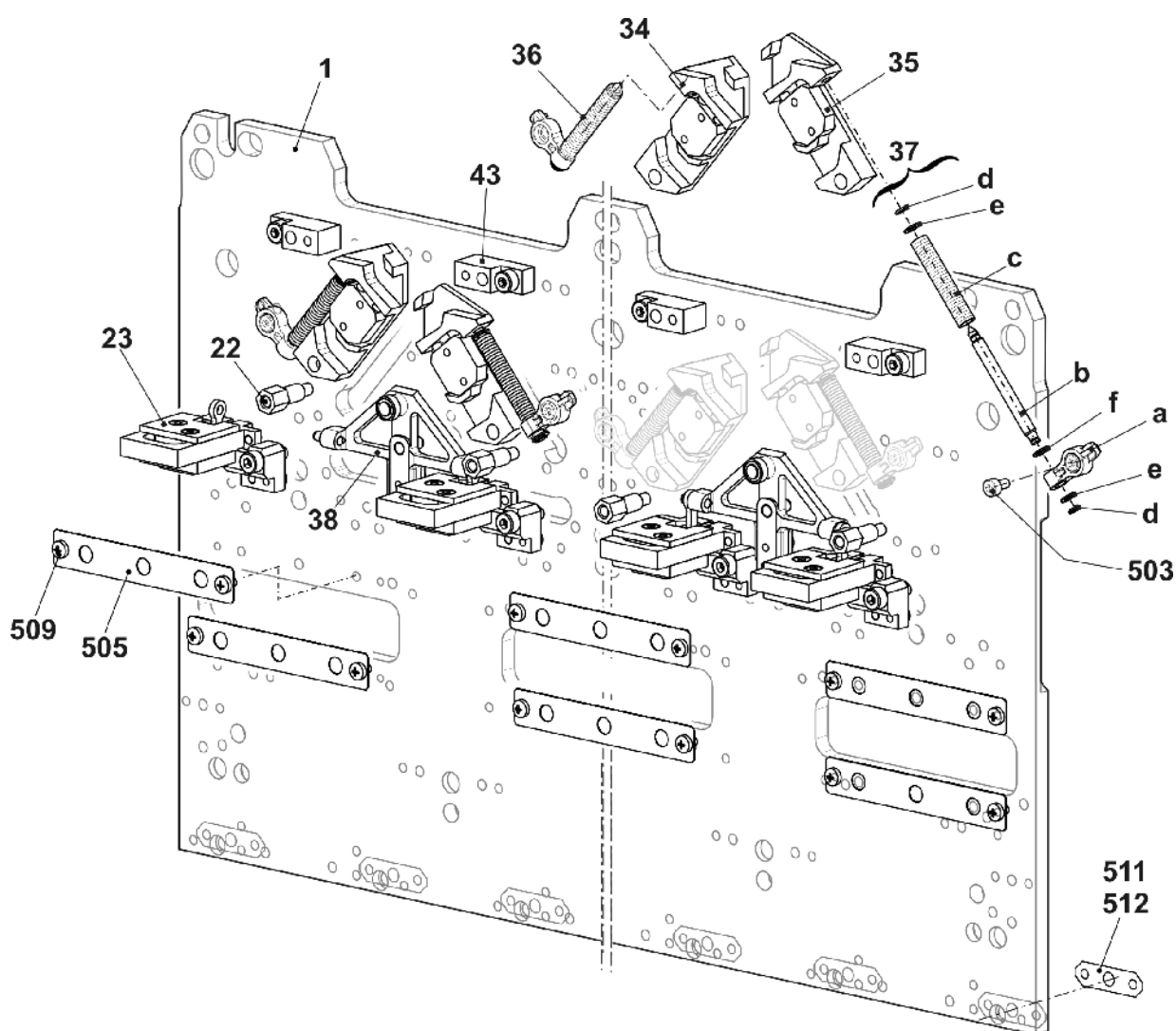
5.13.1 Cams E14 | E14/12

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E12-14	252 522
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E12 E14	254 298
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E14	252 607
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E14	254 336
12	Cam guide E10-18	255 541		Raising cam with split-stitch E14	254 337
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



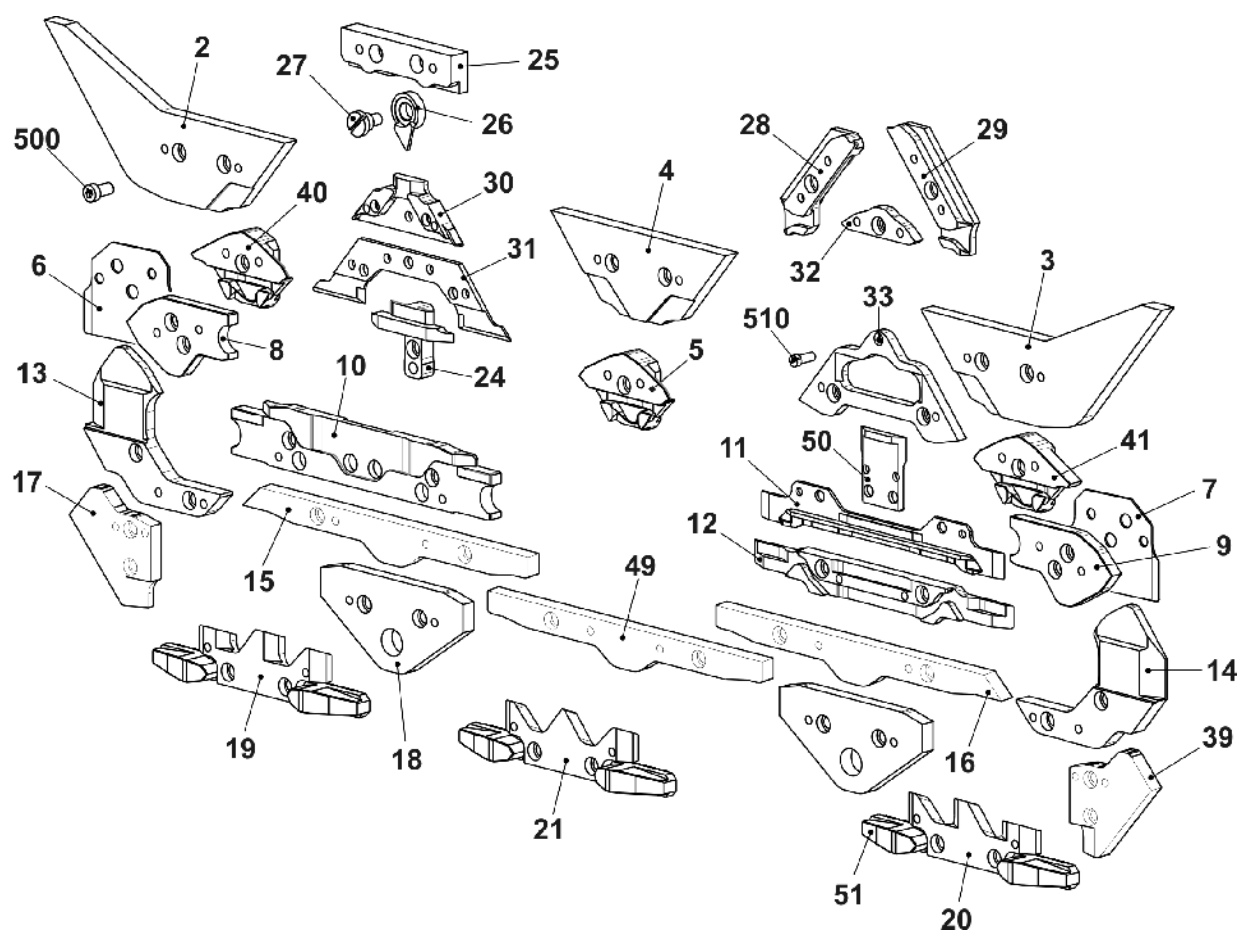
5.14 Cam box E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E16 E18	265 211	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E16-18	251 965	43	Holding piece	251 828
35	Loop sinking cam on the right complete E16-18	251 966	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



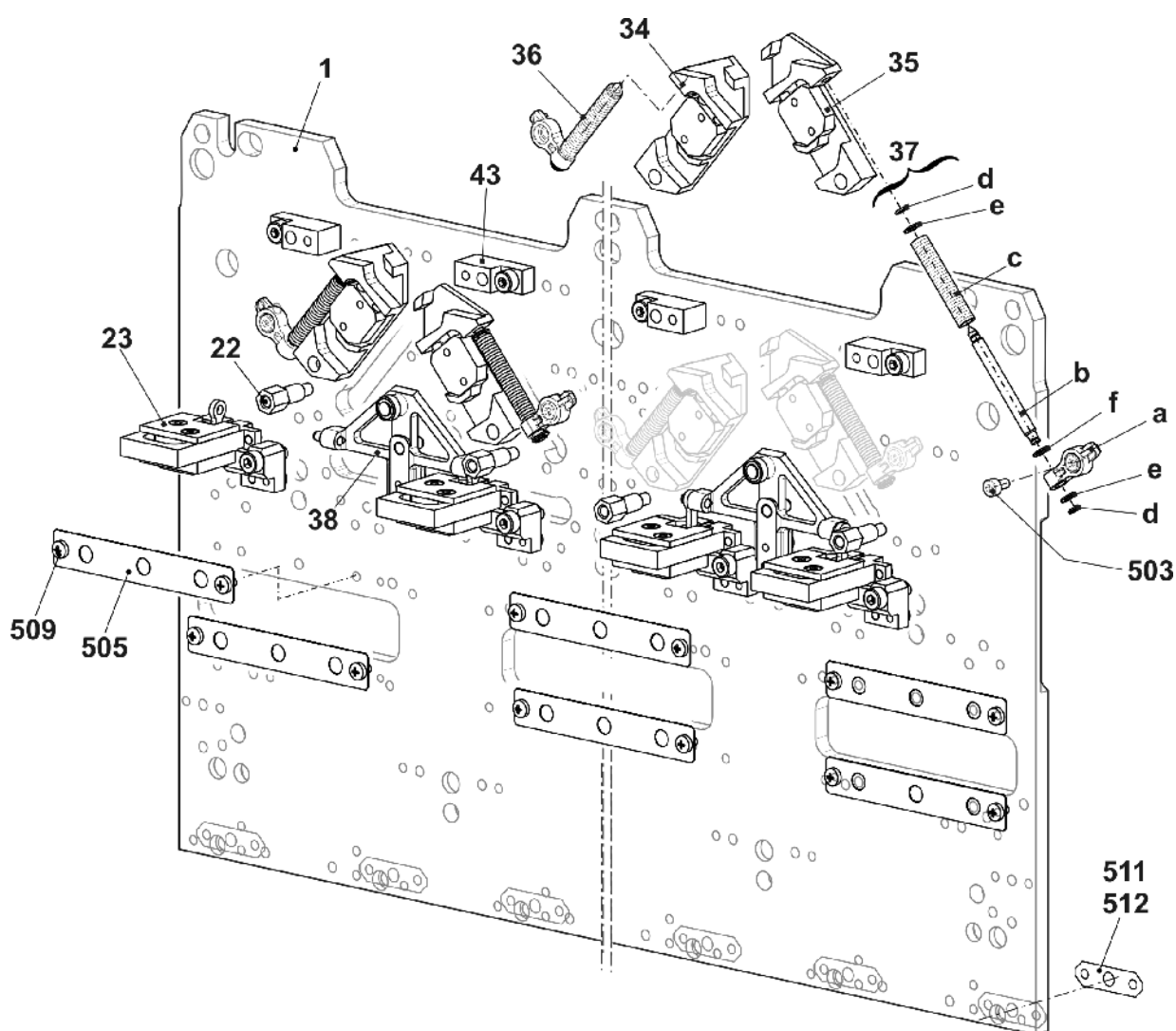
5.14.1 Cams E16|E18

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E16-18	252 646
4	Entry cam at the top E10-18	256 689	26	Pointer E16-18	252 656
5	Knitting position cam E16-18 E8.2	255 027	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E16-18 E8.2	254 338
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E16-18 E8.2	254 339
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E16-18	254 299
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E16-18	256 681	32	Receiving cam E16-18	252 654
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E16-18	254 340
12	Cam guide E10-18	255 541		Raising cam with split-stitch E16-18	254 341
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E16-18 E8.2	255 028
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E16-18 E8.2	255 029
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



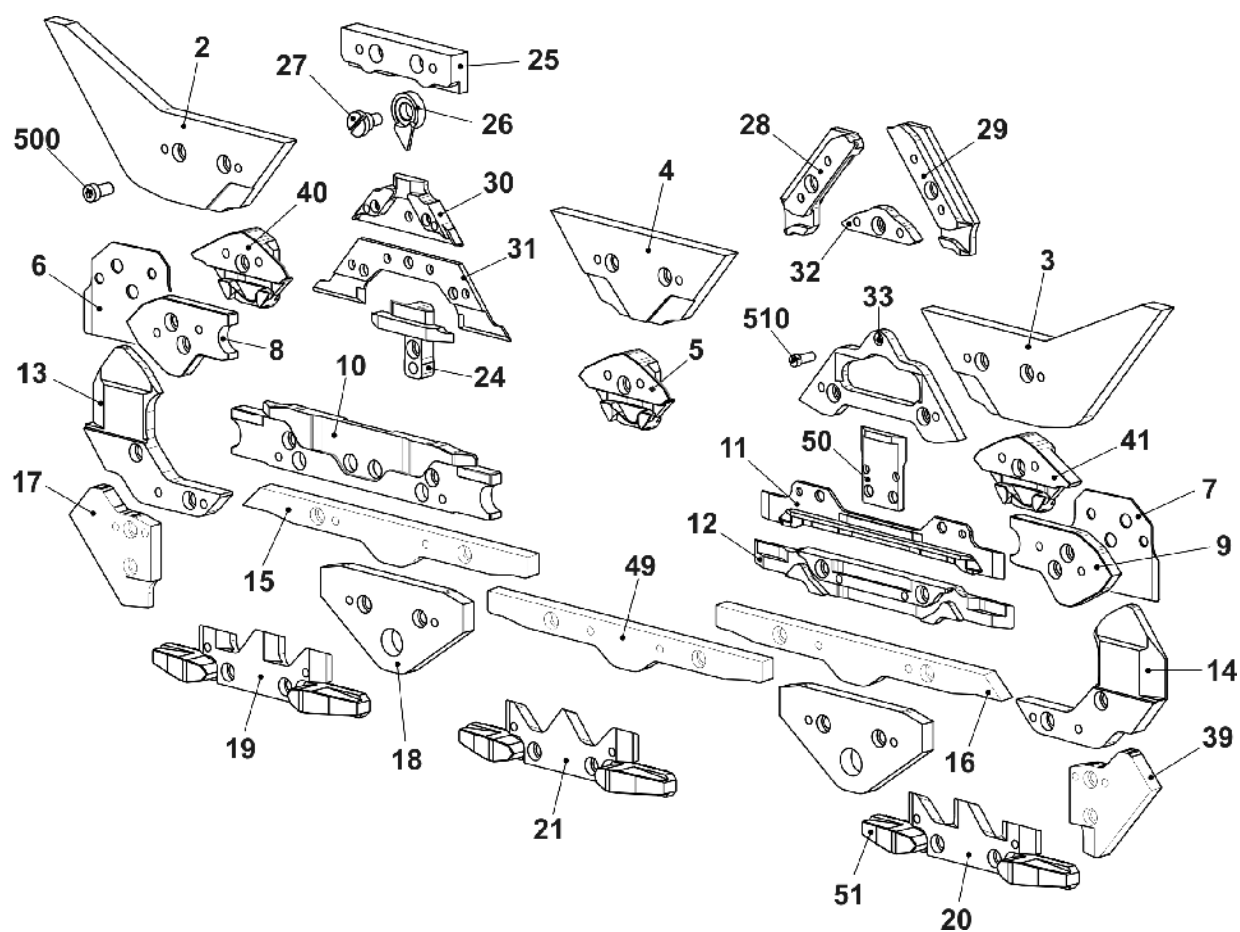
5.15 Cam box E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E6.2	265 212	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E12-14	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete E12-14	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



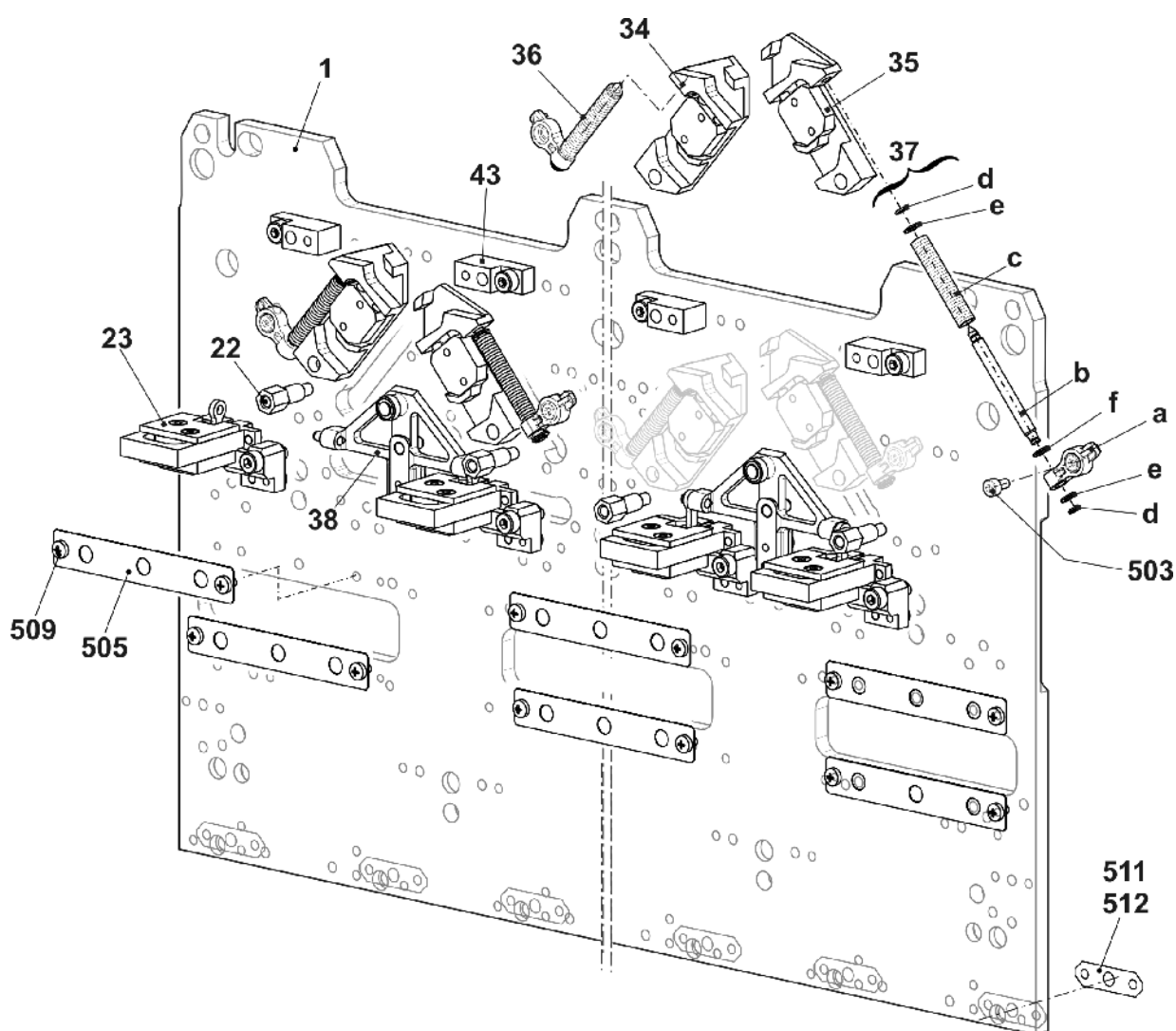
5.15.1 Cams E6.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E6.2	252 955
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E6.2	254 342
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E6.2	254 343
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E6.2	254 301
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E6.2	252 960
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E6.2	254 344
12	Cam guide E10-18	255 541		Raising cam with split-stitch E6.2	254 345
13	Cam on the left E10-18	255 613	39	Cam at the right E10-E18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



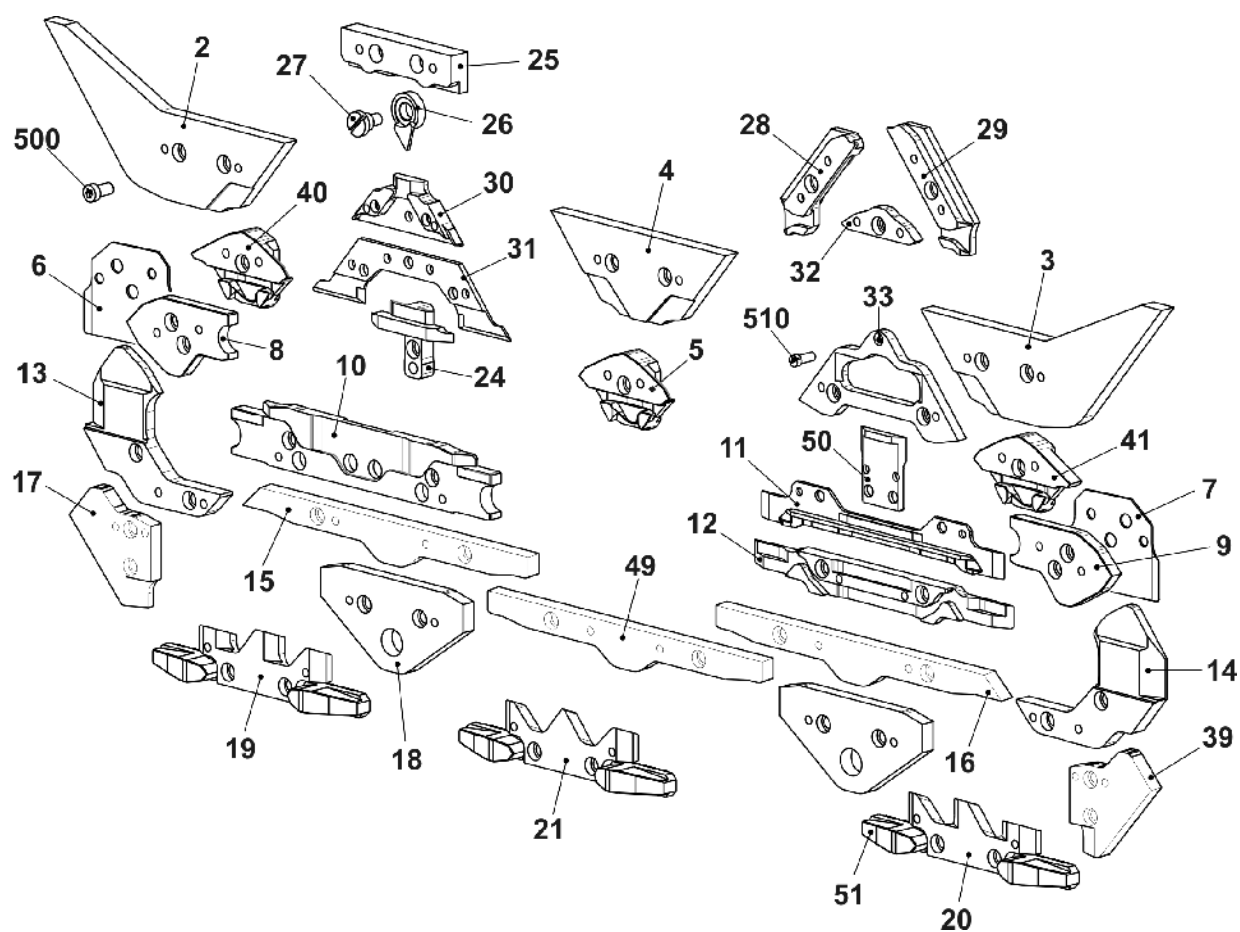
5.16 Cam box E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E7.2	265 213	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E12-14	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete E12-14	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



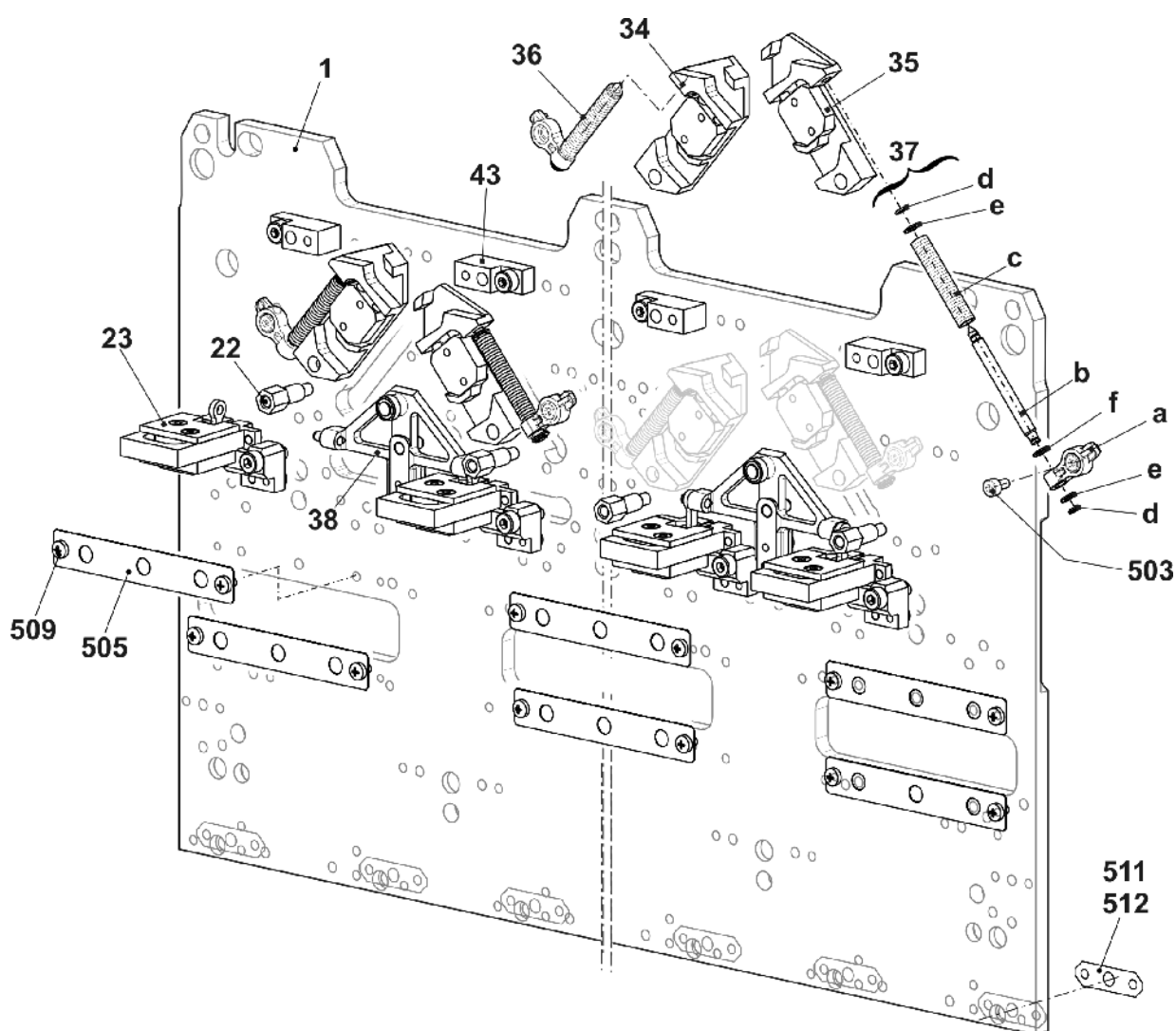
5.16.1 Cams E7.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10-12	251 997
11	Cam guide E10-18	258 161	33	Raising cam without split-stitch E10-12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10-12	254 335
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



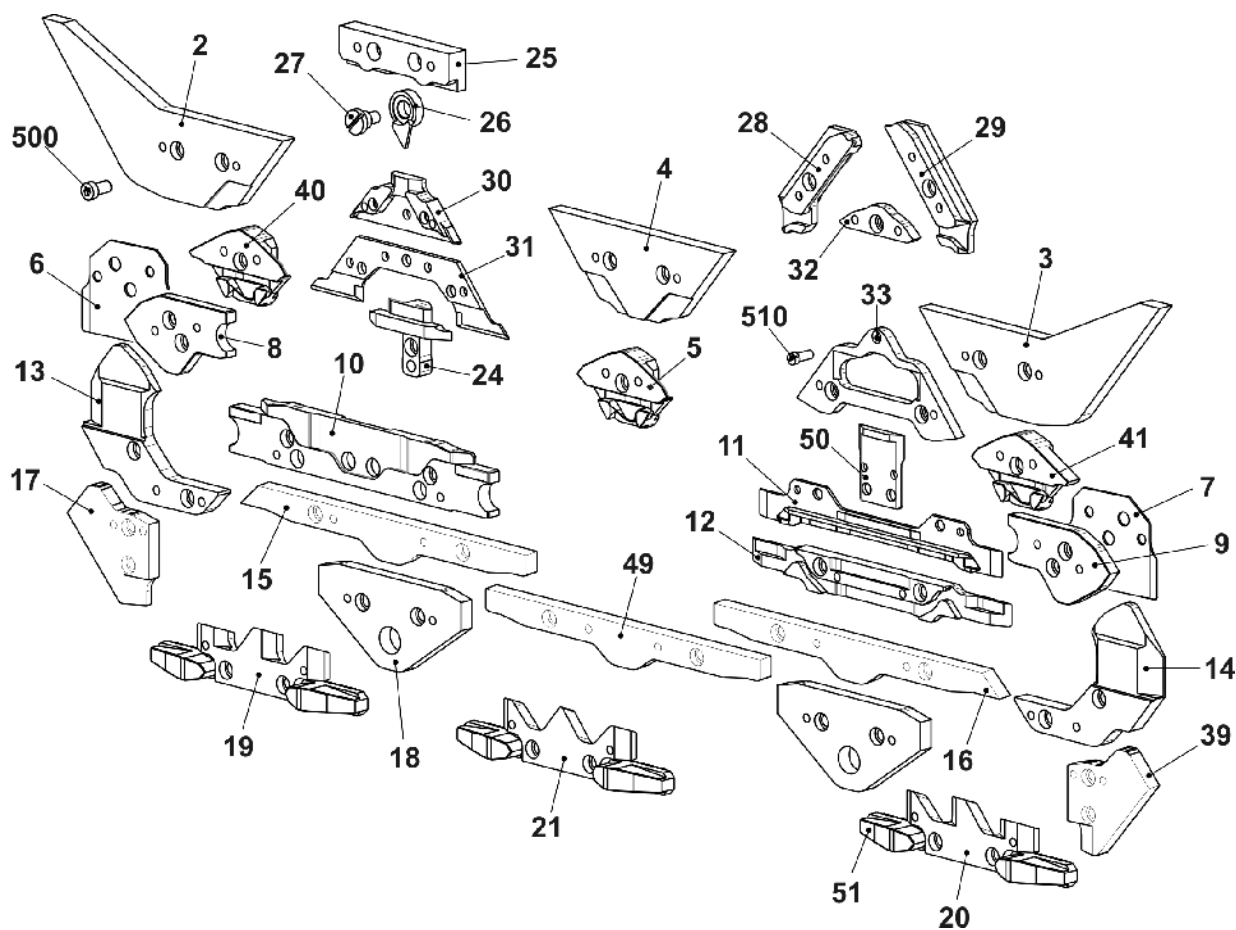
5.17 Cam box E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E8.2	265 214	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E16-18	251 965	43	Holding piece	251 828
35	Loop sinking cam on the right complete E16-18	251 966	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



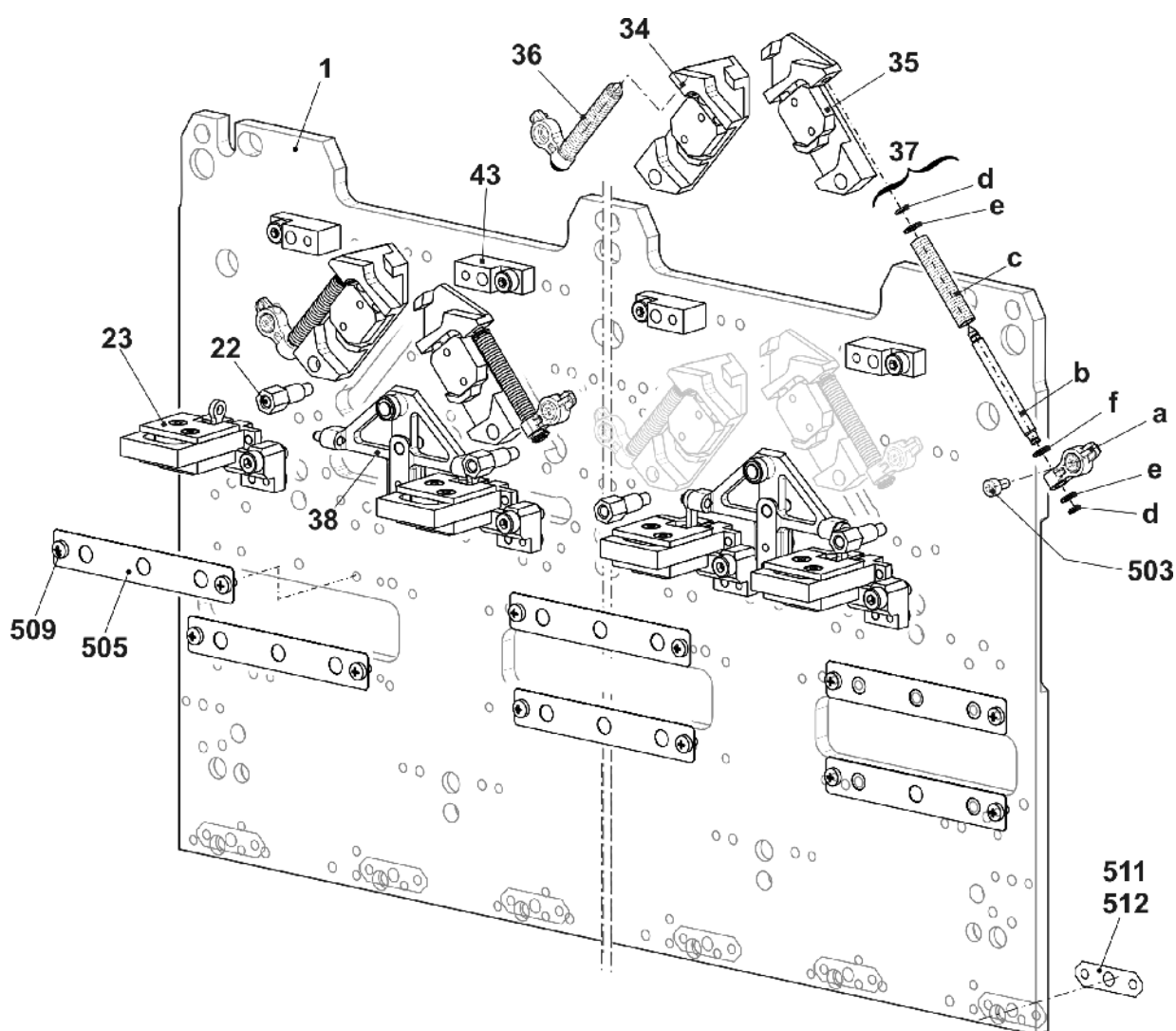
5.17.1 Cams E8.2 mg

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E8.2	260 901
4	Entry cam at the top E10-18	256 689	26	Pointer E16-18	252 656
5	Knitting position cam E16-18 E8.2	255 027	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E16-18 E8.2	254 338
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E16-18 E8.2	254 339
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E8.2	260 902
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E16-18	256 681	32	Receiving cam E8.2	260 903
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E16-18	254 340
12	Cam guide E10-18	255 541		Raising cam with split-stitch E16-18	254 341
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E16-18 E8.2	255 028
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E16-18 E8.2	255 029
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



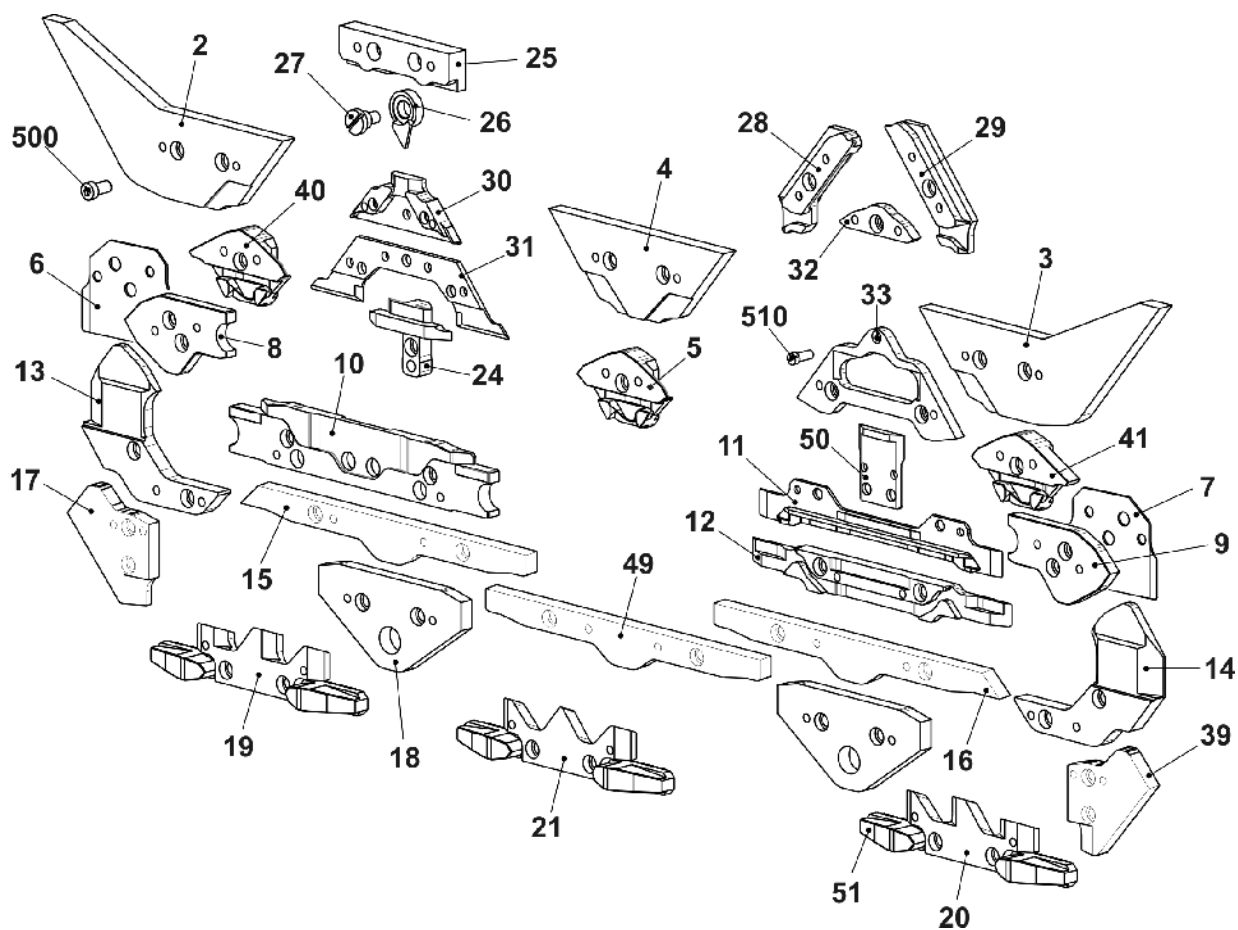
5.18 Cam box E12m.10

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E12m.10	265 208	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E12-14	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete E12-14	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			



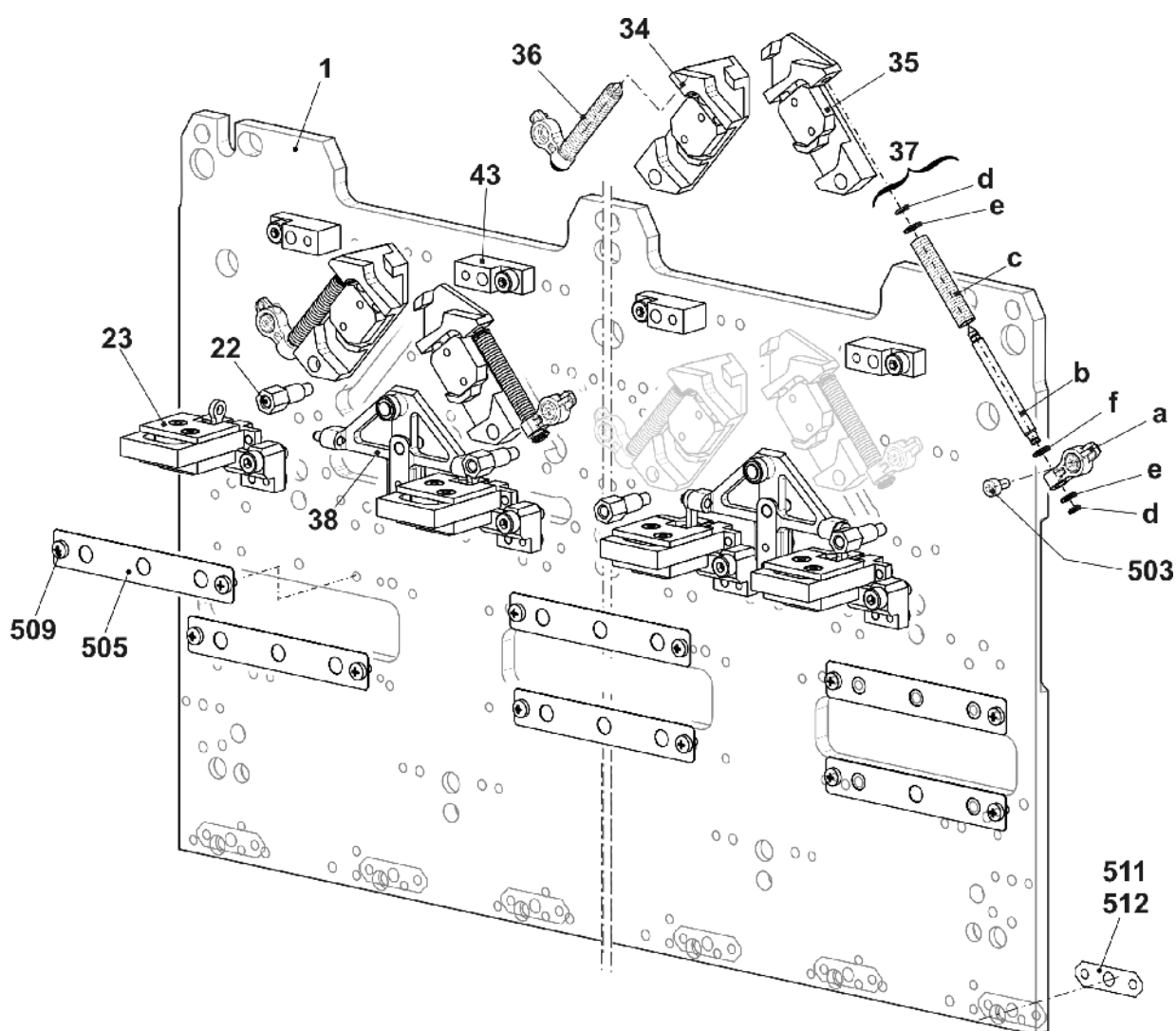
5.18.1 Cams E12m.10

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top E10-18	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top E10-18	266 708	25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top E10-18	256 689	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10-12	251 997
11	Cam guide at the top E10-18	258 161	33	Raising cam without split-stitch E10-12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10-12	254 335
13	Cam E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			



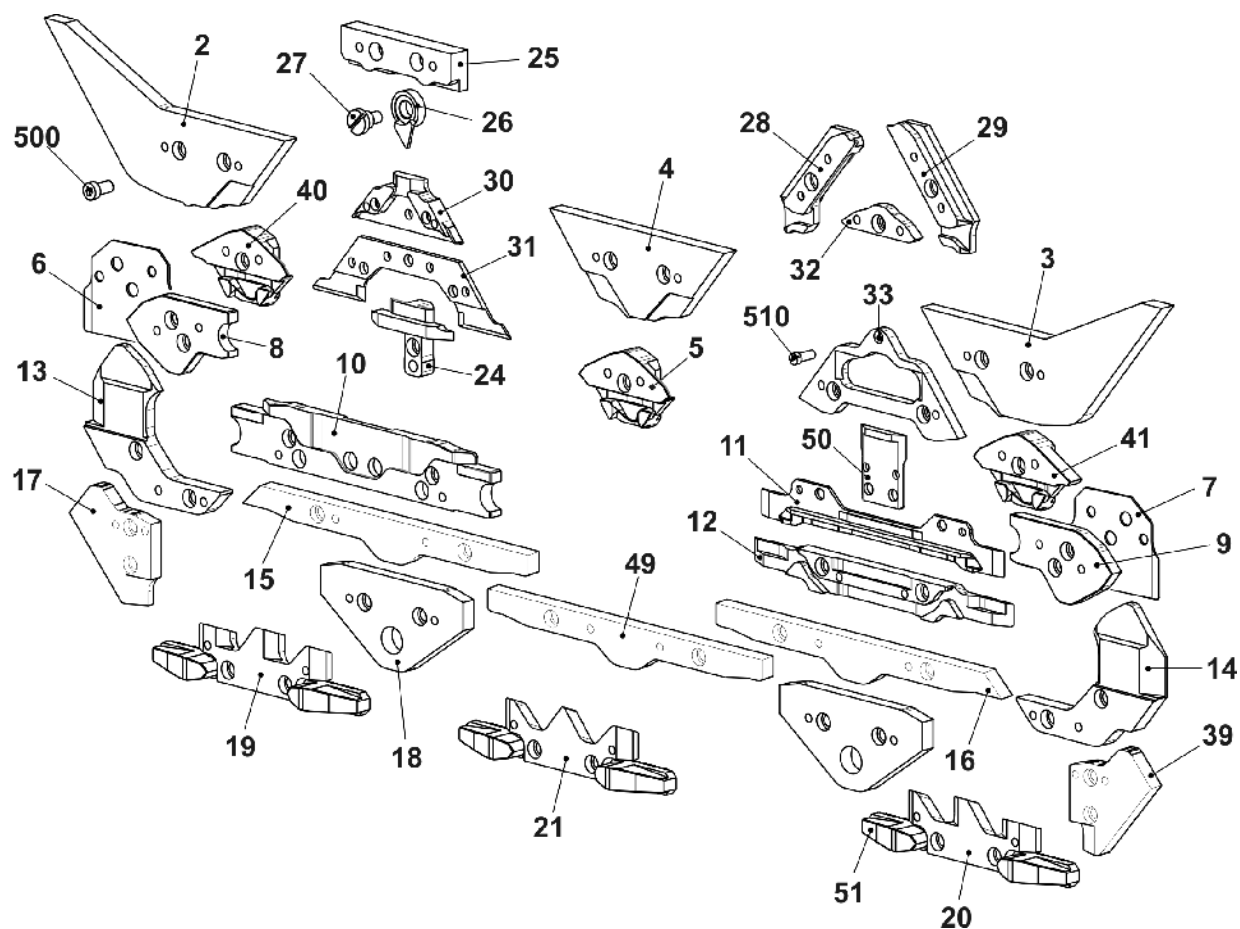
5.19 Cam box E7.2 k&w

Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box complete E7.2 k&w	265 223	37	d Circlip	023 565
1	Cam plate 3 cam boxes E10-18	269 844	e	Disk	259 647
22	Stay bolt	254 839	f	Washer	022 893
23	Guide of pressure cam complete	253 480	38	Slider pressure cam complete	251 834
34	Loop sinking cam on the left complete E12-14	254 248	43	Holding piece	251 828
35	Loop sinking cam on the right complete E12-14	254 249	503	Cap screw M3x6	022 589
36	Rod guide on the left complete	252 662	505	Shim 0,5x12x75	236 654
37	Rod guide on the right complete	252 663	509	Pan head screw M3x4	023 142
a	Rod guide part	258 148	511	Shim 0,03x8x28	023 452
b	Spring rod	252 661	512	Shim 0,05x8x28	023 020
c	Compression spring	257 082			

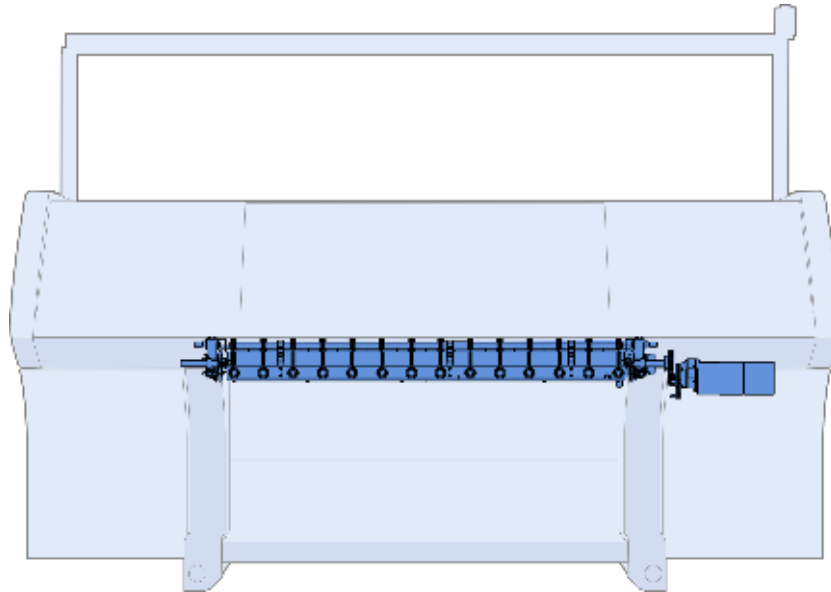


5.19.1 Cams E7.2 k&w

Pos	Designation	Id	Pos	Designation	Id
2	Entry cam on the left at the top	266 707	24	Tuck pressure cam	253 828
3	Entry cam on the right at the top	266 708	25	Limiting cam E10 E7.2	251 993
4	Entry cam at the top	256 692	26	Pointer E10	251 994
5	Knitting position cam E10-14 E6.2 E7.2	255 021	27	Screw	210 335
6	Plate on the left E10-18	255 389	28	Stitch cam on the left E10-14 E7.2	254 331
7	Plate on the right E10-18	255 390	29	Stitch cam on the right E10-14 E7.2	254 332
8	Entry cam on the left E10-18	255 391	30	Tuck limiting cam E10 E7.2	254 295
9	Entry cam on the right E10-18	255 392	31	Raising cam plate E10-18	251 992
10	Pressure strip E10-14	255 540	32	Receiving cam E10-12	251 997
11	Cam guide E10-18	258 161	33	Raising cam without split-stitch E10-12	254 334
12	Cam guide E10-18	255 541		Raising cam with split-stitch E10-12	254 335
13	Cam on the left E10-18	255 613	39	Cam at the right E10-18	259 769
14	Cam at the right E10-18	255 614	40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
15	Limiting cam on the left	264 051	41	Knitting position cam on the right E10-14 E6.2 E7.2	255 023
16	Limiting cam on the right	264 052	49	Limiting cam middle	264 053
17	Cam on the left E10-18	259 768	50	Delivery pressure cam	253 838
18	Cam E10-18	269 831	51	Offering cam	210 185
19	Selection cam on the left E10-18	251 876	500	Cap screw M4x8	020 091
20	Selection cam on the right E10-18	251 877	510	Cap screw M3x8	020 081
21	Selection cam E10-18	251 875			

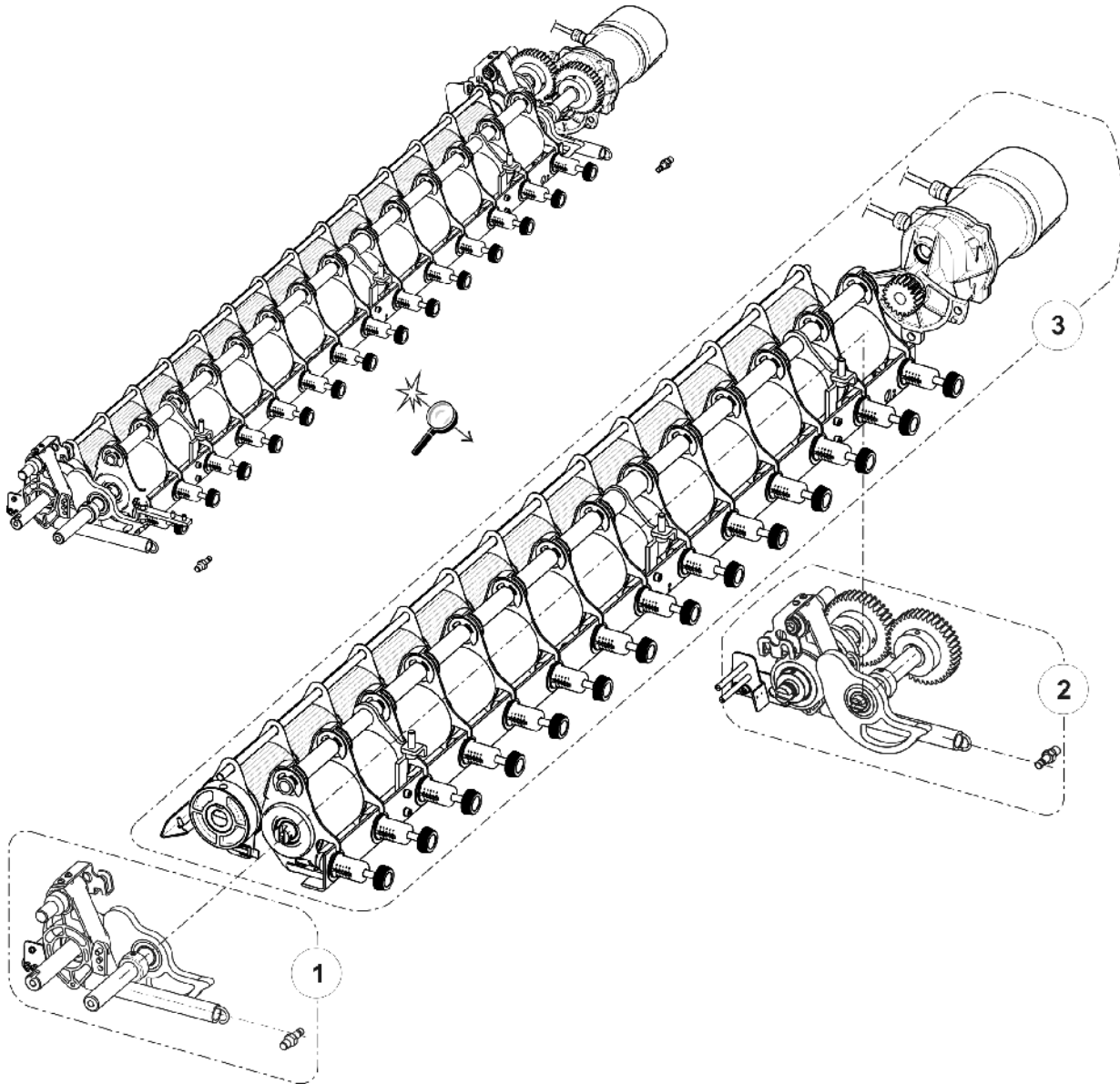


6 Main take-down



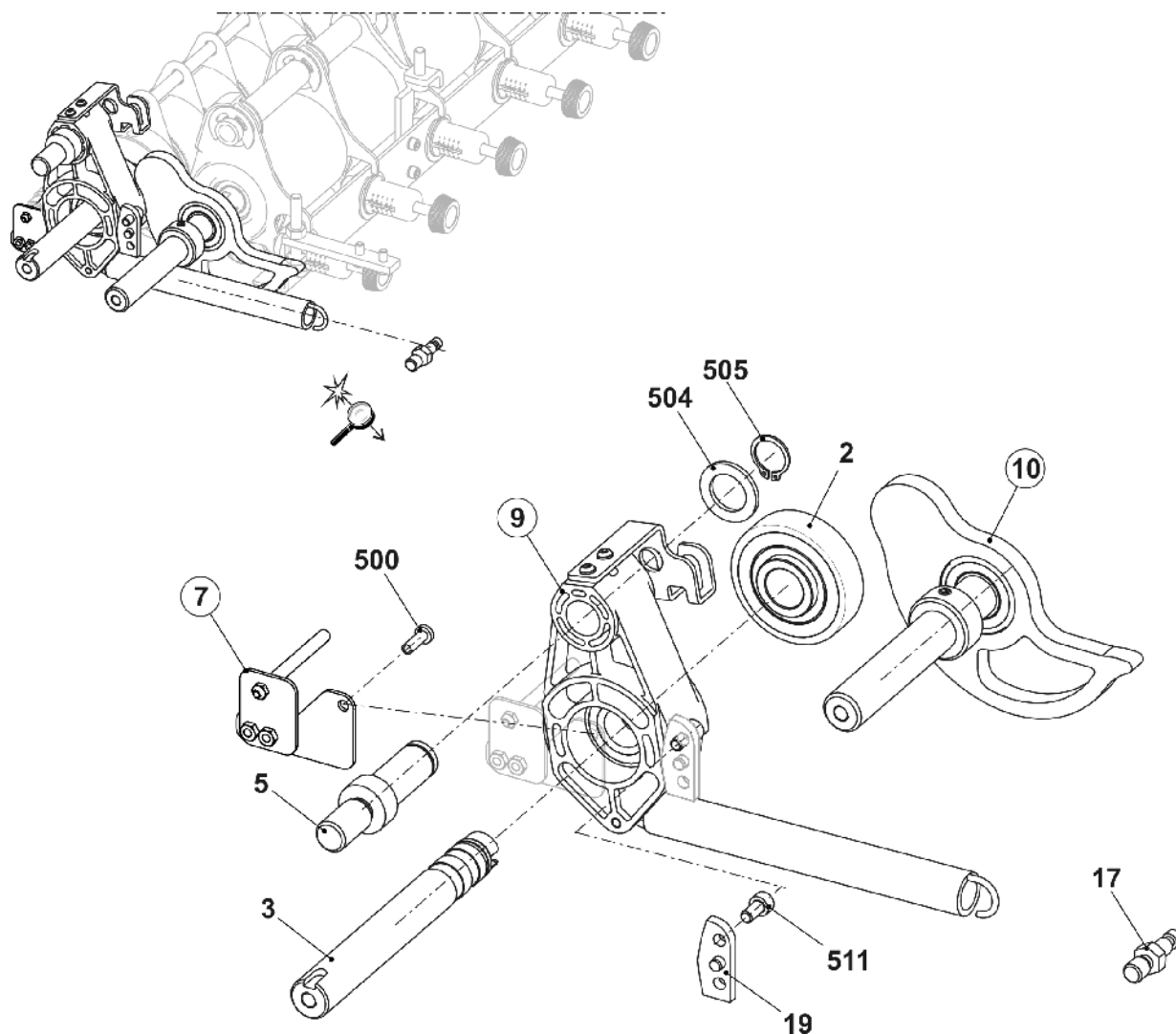
6.1 Main take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down				
1	Main take-down on the left	267 098	3	Main take-down in the middle E10 E12 E14 E6.2(12m.10) E6.2 E7.2 E14/12	265 823
2	Main take-down on the right	267 097		Main take-down in the middle E16 E18 E8.2	266 252



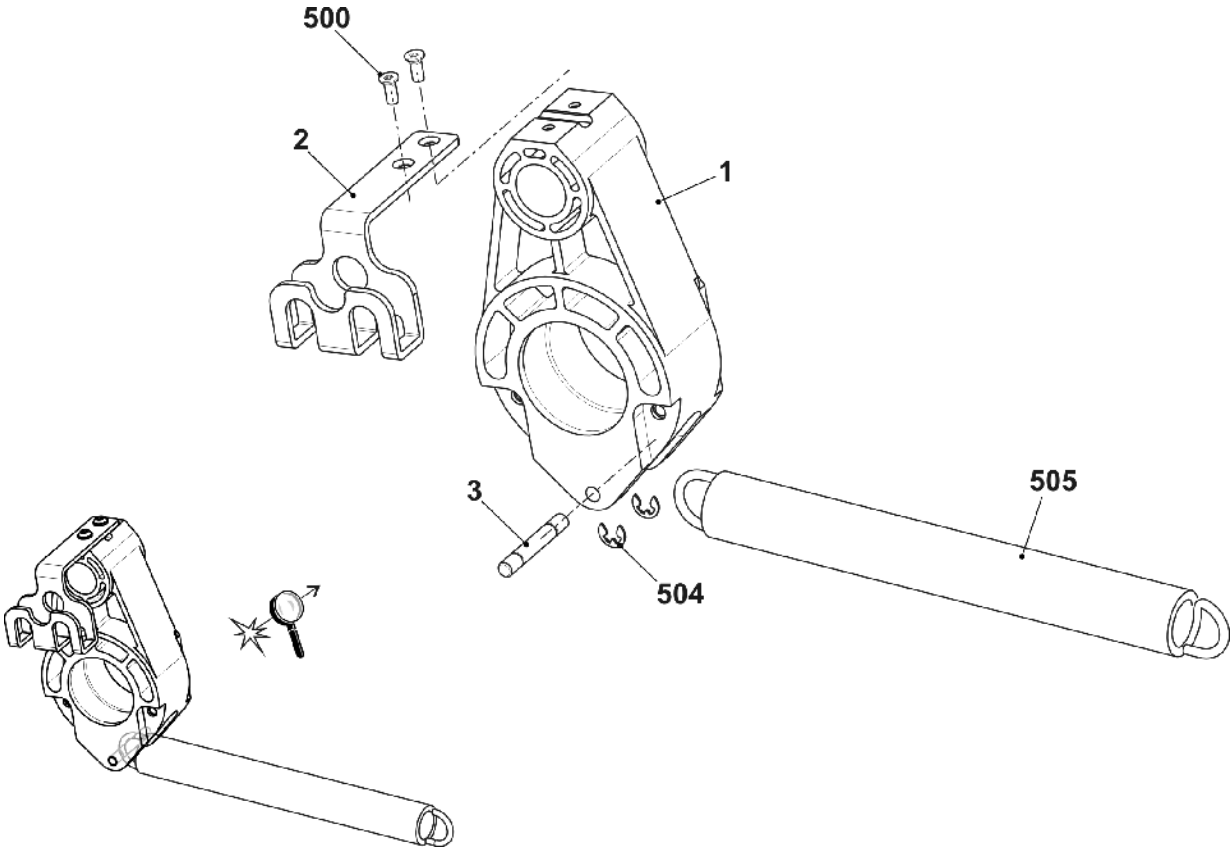
6.1.1 Main take-down on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down on the left	267 098			
2	Bearing race complete	244 459	17	Spring bolt	221 143
3	Shaft on the left at the rear	221 012	19	Stop point	252 503
5	Bolts	208 538	500	Screw 50x15	251 728
7	Mounting plate on the left complete	267 031	504	Washer	023 295
9	Swivel-mounted bearing on the left	273 231	505	Retaining ring 18x1,2	020 955
10	Full floating axle on the left	251 984	511	Cap screw M6x12	020 134



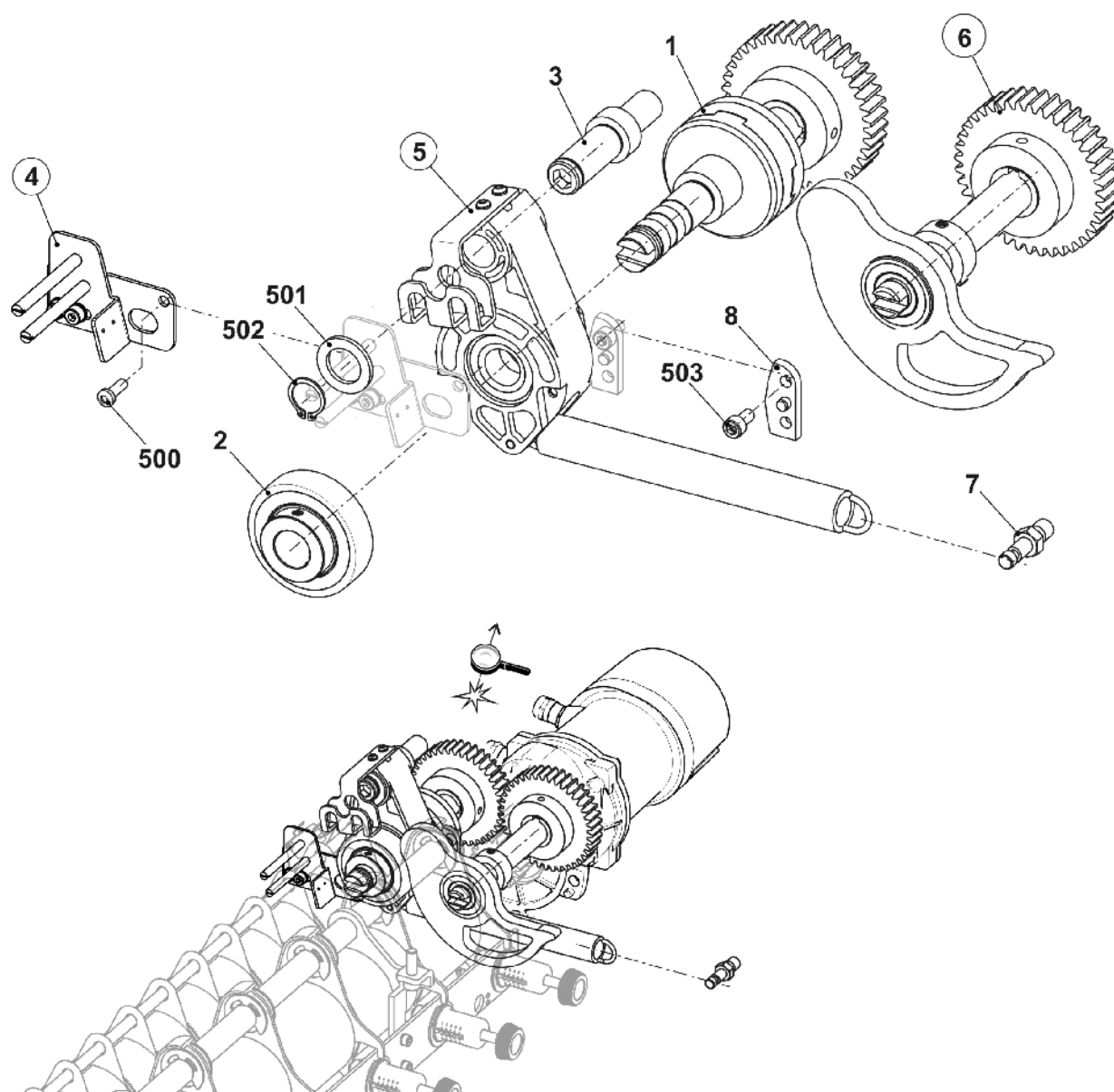
6.1.1.1 Swivel-mounted bearing

Pos	Designation	Id	Pos	Designation	Id
Σ	Swivel-mounted bearing	273 231			
1	Swivel-mounted bearing	241 996	500	Screw M35x10	259 102
2	Sheet metal support	251 749	504	Circlip 4	021 020
3	Axle	251 758	505	Tension spring 21x3,0x192	240 217



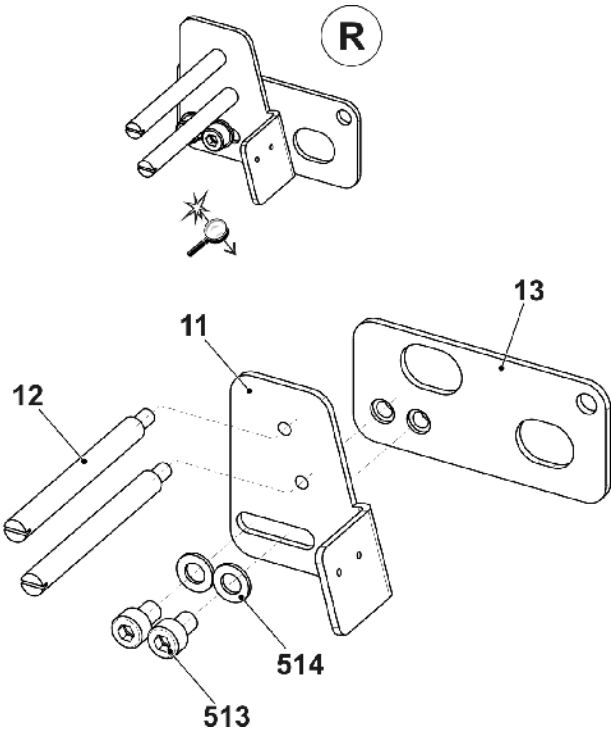
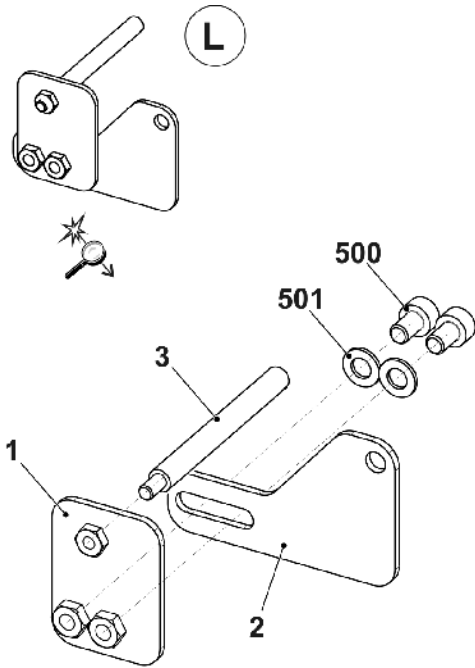
6.1.2 Main take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down on the right	267 097			
1	Clutch set	251 677	7	Spring bolt	221 143
2	Bearing race complete	244 459	8	Stop point	252 503
3	Bolts	208 538	500	Screw 50x15	251 728
4	Mounting plate on the right complete	267 032	501	Washer	023 295
5	Swivel-mounted bearing on the right	251 761	502	Retaining ring 18x1,2	020 955
6	Full floating axle on the right	251 985	503	Cap screw M6x12	020 134



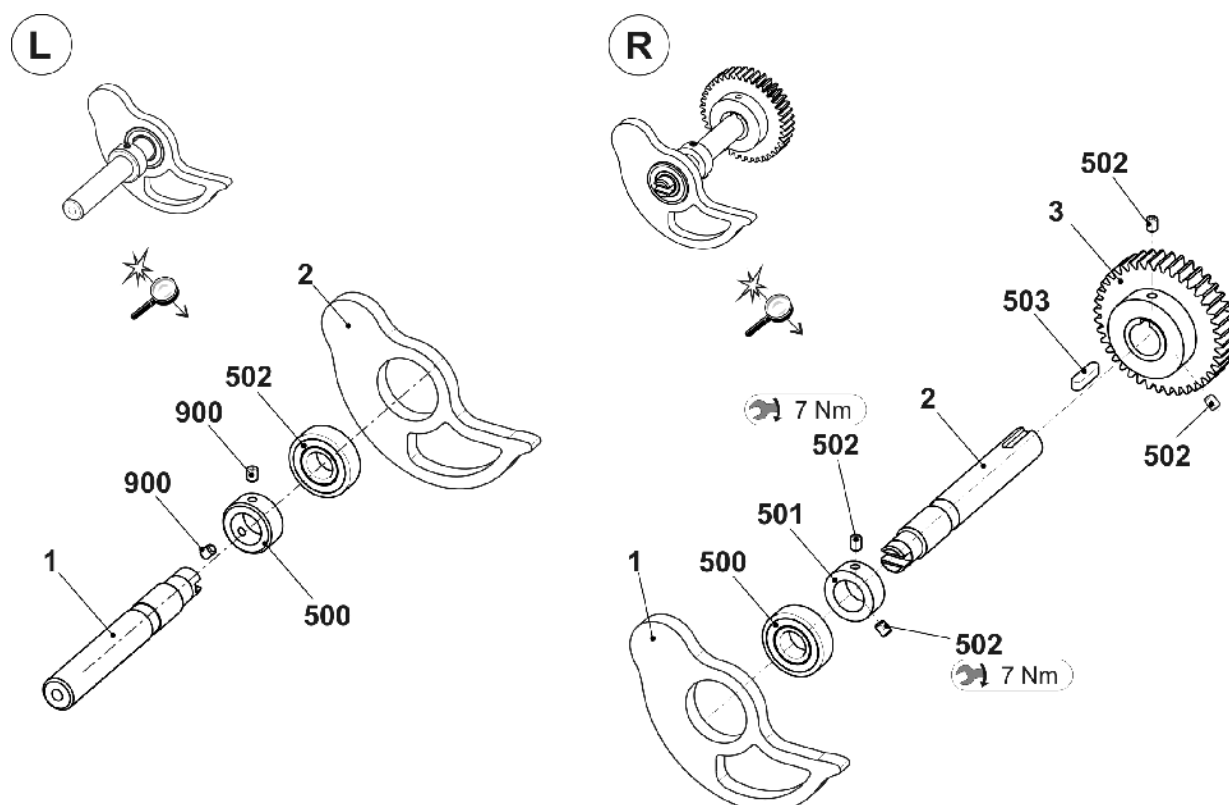
6.1.2.1 Mounting plate on the left and right

Pos	Designation	ID	Pos	Designation	ID
Σ L	Mounting plate on the left complete	267 031	Σ R	Mounting plate on the right complete	267 032
1	Mounting plate on the left	265 868	11	Mounting plate on the right	265 757
2	Retaining plate on the left	231 539	12	Shoulder screw	240 067
3	Shoulder screw	240 067	13	Retaining plate on the right	265 867
500	Cap screw M5x8	244 278	513	Cap screw M5x8	244 278
501	Washer 5-200	020 871	514	Washer 5-200	020 871



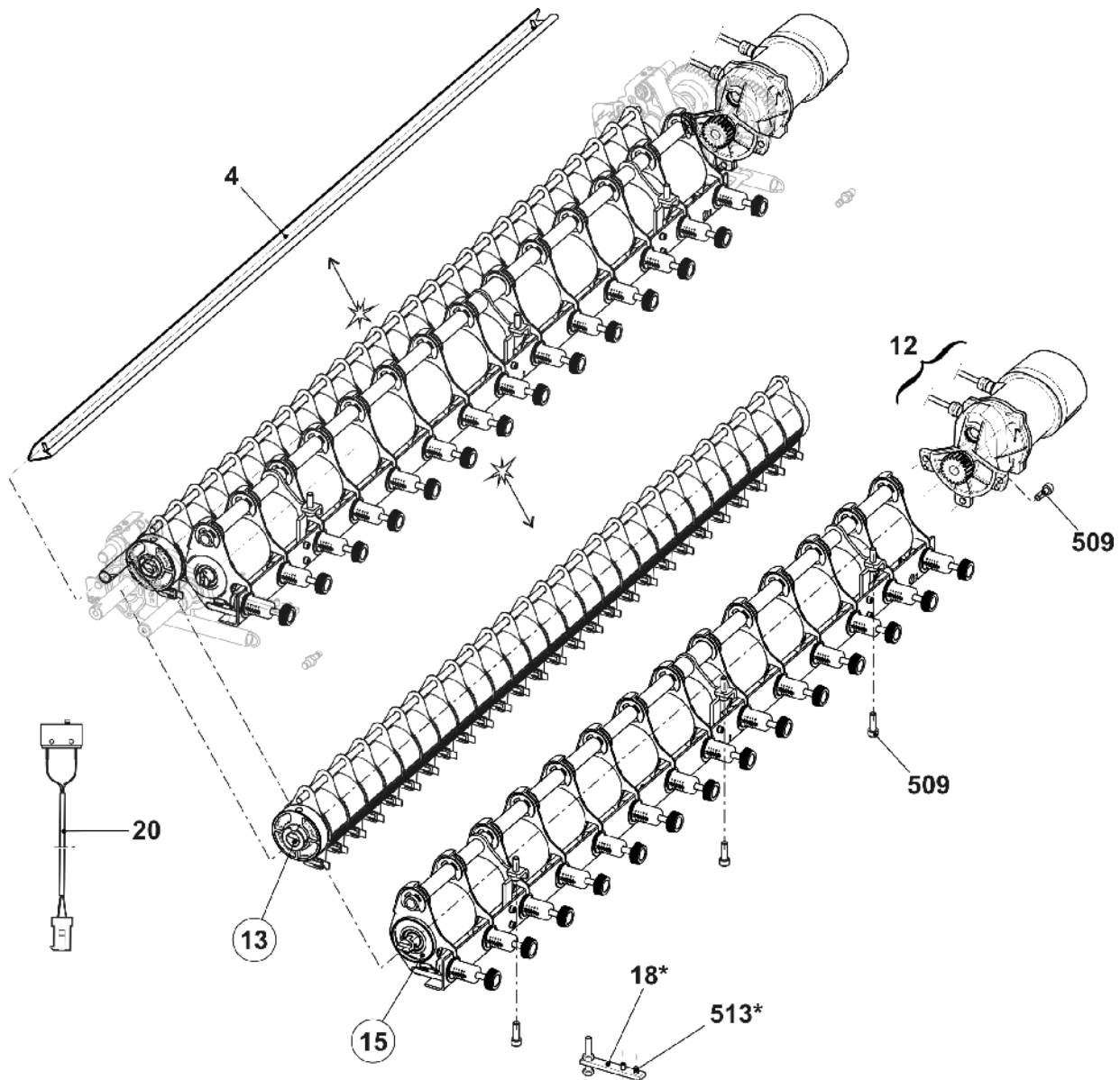
6.1.2.2 Full floating axle on the left and the right

Pos	Designation	Id	Pos	Designation	Id
Σ L	Full floating axle on the left	251 984	Σ R	Full floating axle on the right	251 985
1	Shaft on the left at the front	221 013	1	Eccentric	251 959
2	Eccentric	251 959	2	Shaft on the right	223 393
500	Set collar	020 938	3	Gear wheel Z=40, M=2	213 744
502	Fitting freewheel ZZ6203L	023 294	500	Fitting freewheel ZZ6203L	023 294
900	Setscrew M6x8	022 684	501	Set collar	020 938
			502	Setscrew M6x8	022 684
			503	Feather key A 6x6x25	023 017



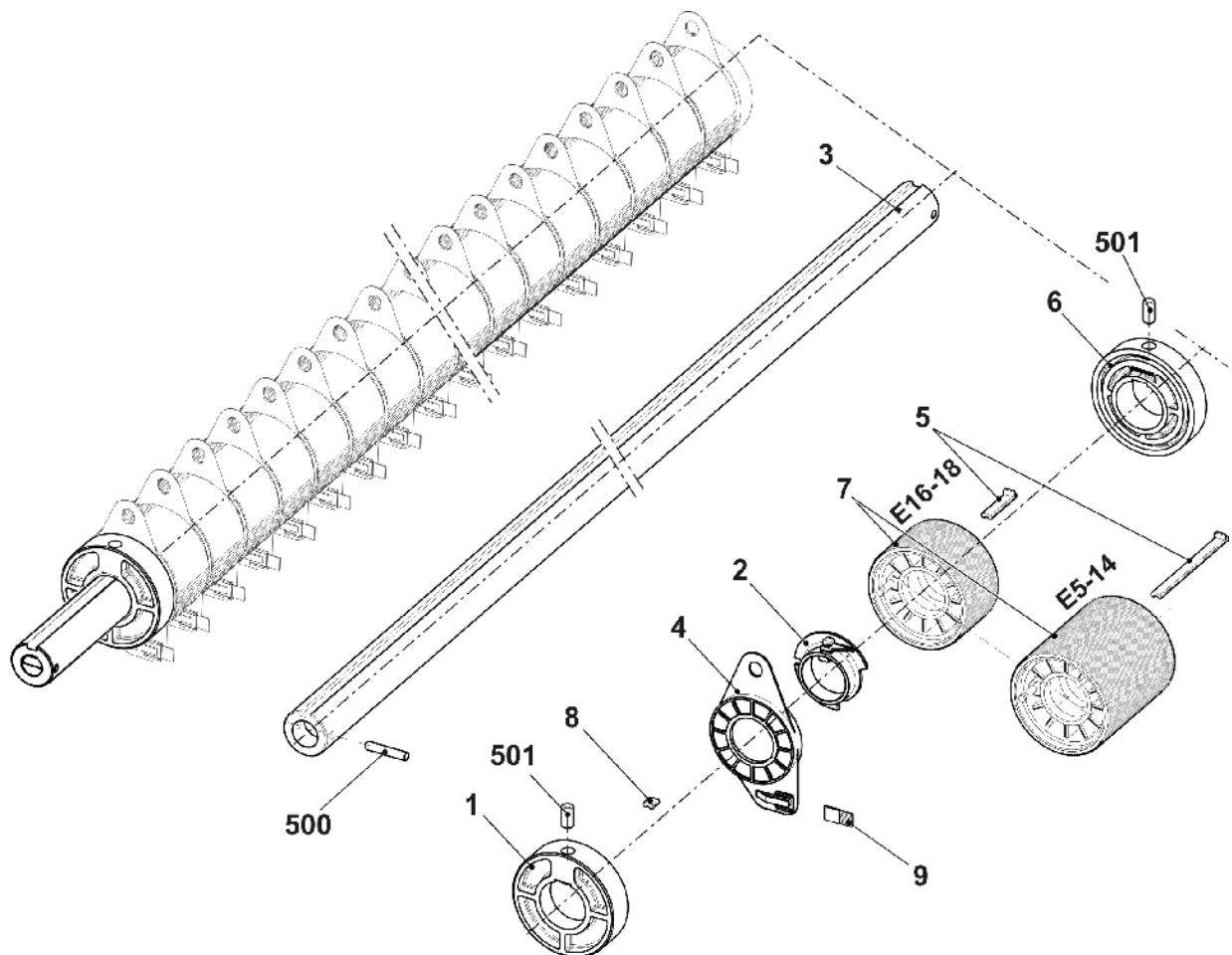
6.1.3 Main take-down in the middle

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 E14/12	265 823		E10 E12 E14 E6.2(12m.10) E6.2 E7.2 E14/12	253 853
	E16 E18 E8.2	266 252		E16 E18 E8.2	253 854
4	Stripper angle	266 995	509	Cap screw M8x25	020 142
12	Three phase servo motor	259 655	18*	Stop point	253 432
15	Take-down roller at the front complete	241 426	513*	Pan head screw M6x16	023 124
20	Connection cable winding plate OKC5	267 012			



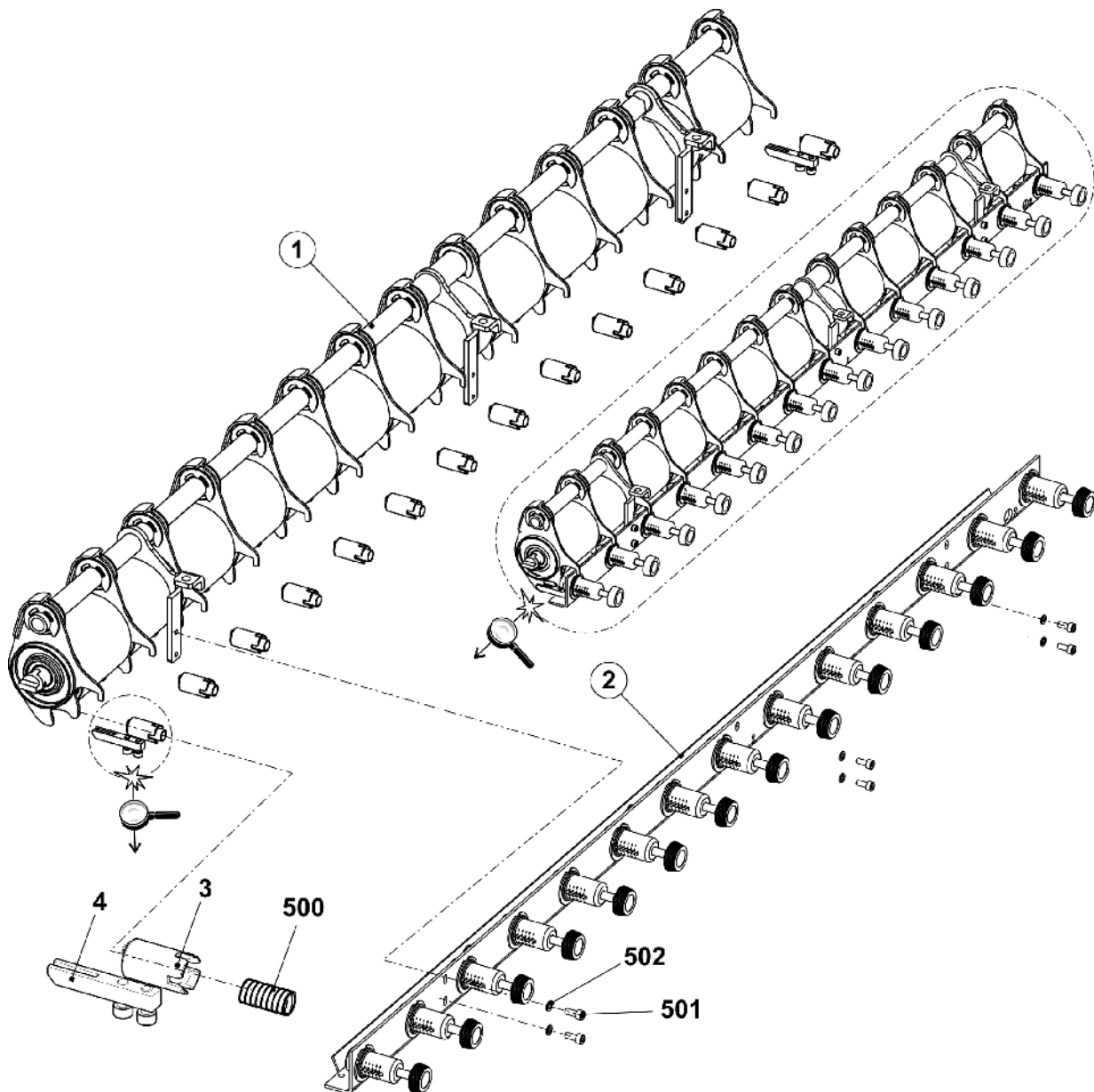
6.1.3.1 Rear take-down roller

Pos	Designation	Id	Pos	Designation	Id
Σ	Take-down roller at the rear complete		6	Ring on the right	255 831
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 853	7	Roller E5-14	264 624
	E16 E18 E8.2	253 854		Roller E16-18	231 400
1	Ring on the left	255 830	8	Spacer slide	222 062
2	Stop ring on the left	204 369	9	Brush	225 819
3	Shaft	221 011	12	Rod	253 301
4	Stripper	241 612	500	Dowel pin 6x32	020 685
5	Spacer slide(E5-14)	264 669	501	Setscrew M8x16	258 910
	Spacer slide(E16-18)	240 104			



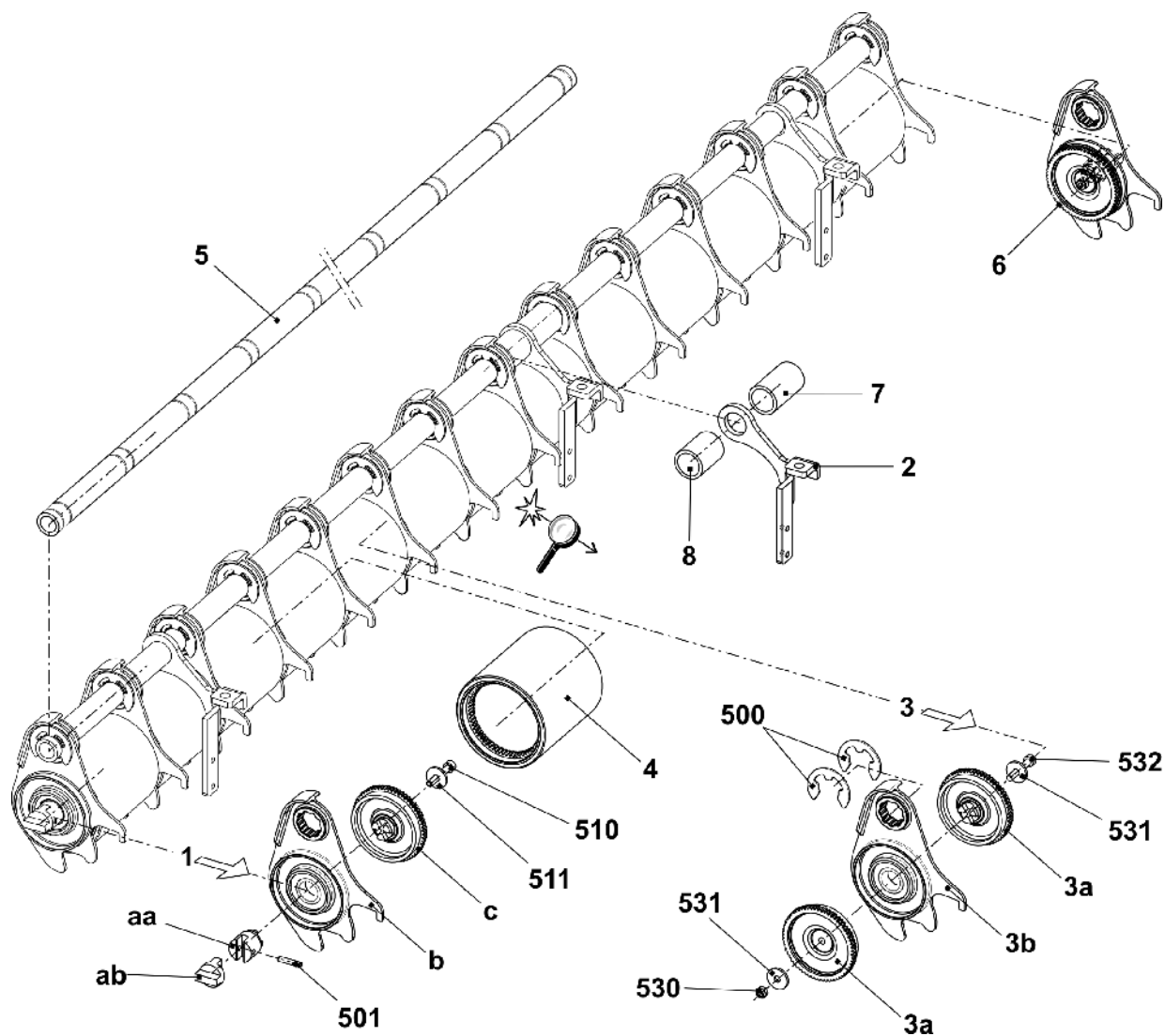
6.1.3.2 Front take-down roller

Pos	Designation	Id	Pos	Designation	Id
Σ	Take-down roller at the front complete	241 426	4	Locating piece	221 935
1	Take-down roller at the front	221 243	500	Compression spring 1x10x30	023 741
2	Angle rail complete	241 425	501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911	502	Washer 5-200	020 880



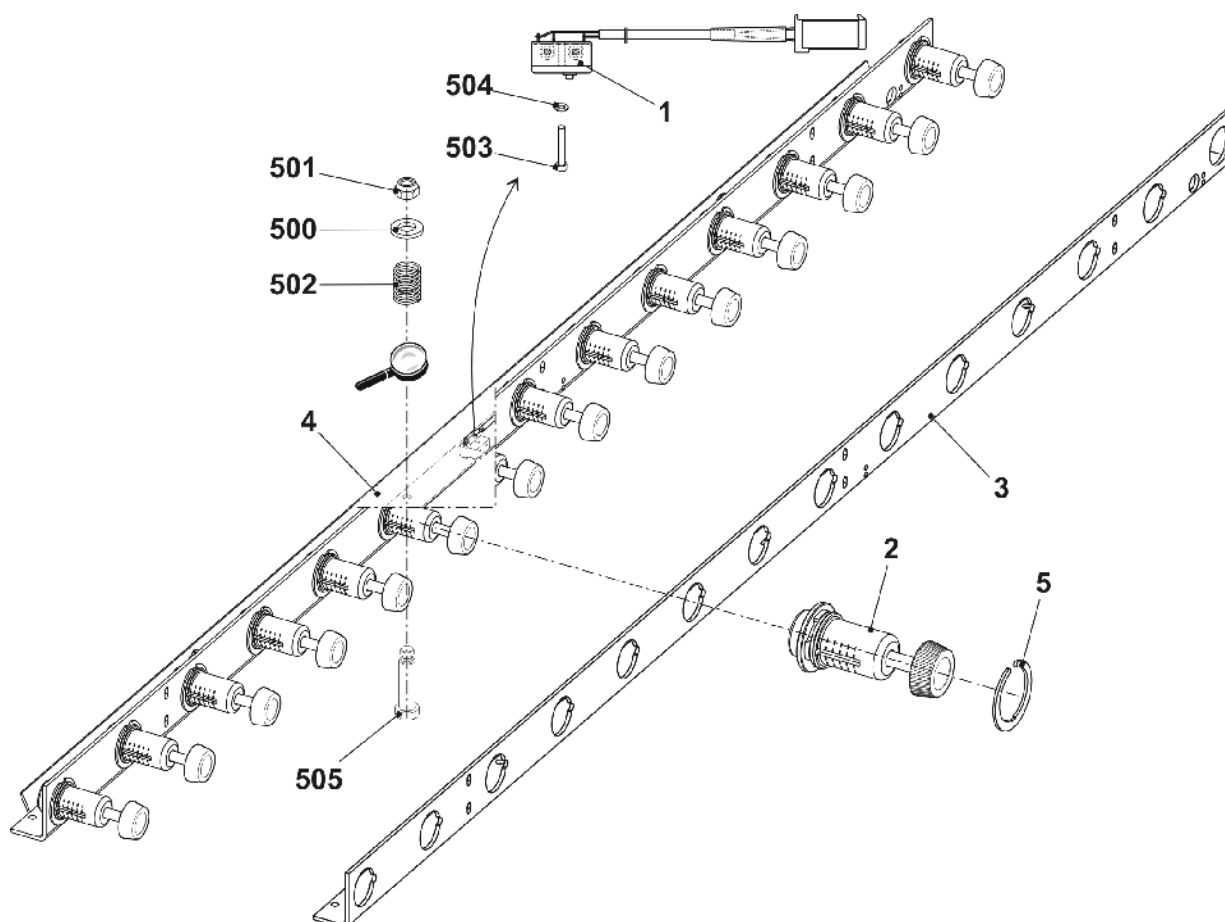
6.1.3.2.1 Front roller elements

Pos	Designation	Id	Pos	Designation	Id
Σ	Take-down roller at the front	221 243			
1	Bearing support on the left complete	221 225	4	Roller	220 905
aa	Universal joint	221 137	5	Tube	221 092
ab	adaptor	221 132	6	Bearing support on the right complete	221 240
b	Bearing support	220 913	aa	Universal joint	221 137
c	Gear wheel	220 910	ab	adaptor	221 132
501	Spring dowel sleeve 4x20	023 551	b	Bearing support	220 913
510	Cap screw M5x20	020 133	c	Gear wheel	220 910
511	Washer 5	023 542	501	Spring dowel sleeve 4x20	023 551
2	Straps	251 557	510	Cap screw M5x20	020 133
3	Bearing support complete	221 241	511	Washer 5	023 542
3b	Bearing support	220 913	7	Spacer pipe on the right	253 407
3a	Gear wheel	220 910	8	Spacer pipe on the left	253 408
530	Hexagon nut M5	023 541	500	Circlip	021 025
531	Washer 5-100hv	023 542			
532	Cap screw M5x30	022 396			

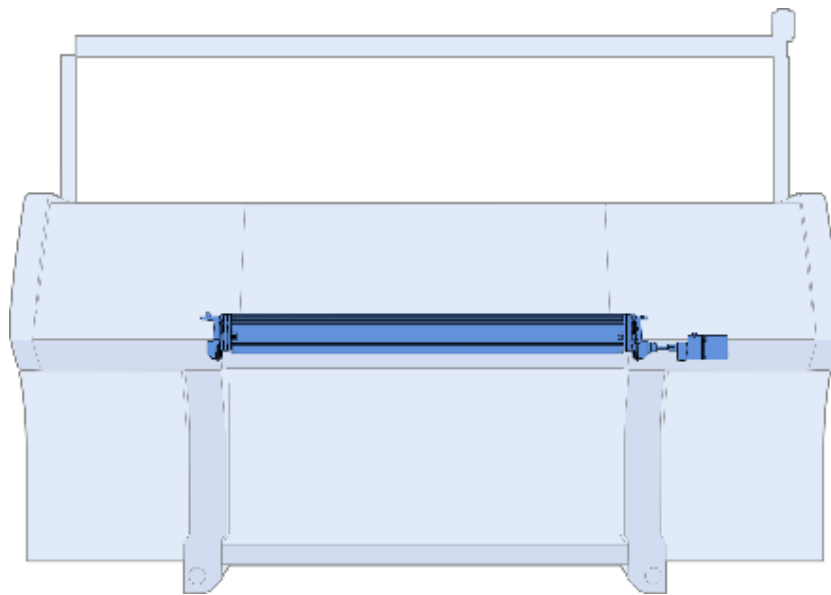


6.1.3.2.2 Pressure angle rail

Pos	Designation	Id	Pos	Designation	Id
Σ	Angle rail complete	241 425	500	Washer 6-200	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0,8x9,2x27,5	023 537
3	Angle rail	241 773	503	Cap screw M2x12	023 522
4	Winding plate	221 101	504	Washer 2-200	022 908
5	Retaining ring	242 325	505	Shoulder screw M5x20x5	023 675

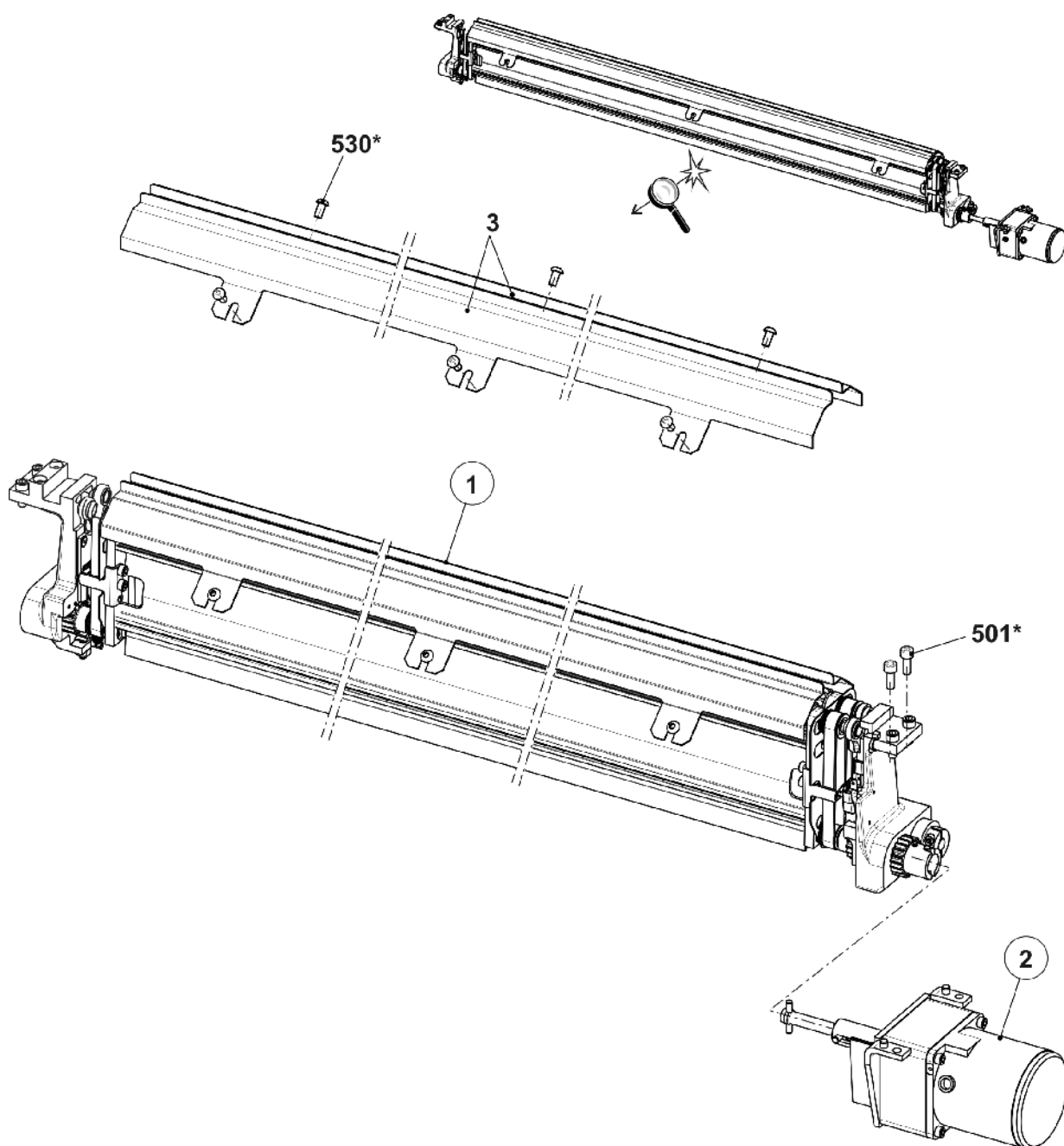


7 Auxiliary Take-down



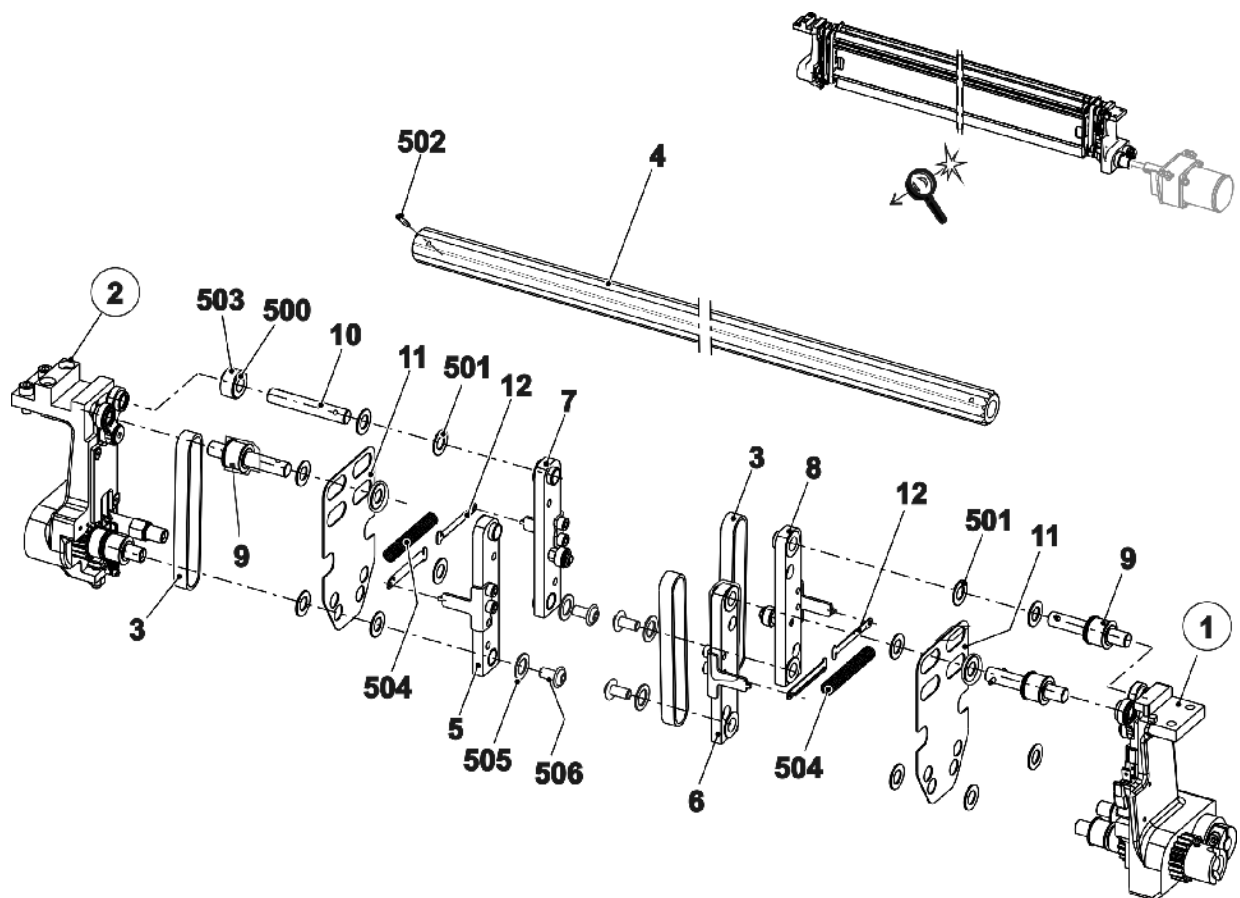
7.1 Auxiliary Take-down

Pos	Designation	ID	Pos	Designation	ID
1	Auxiliary take-down pre-assembled 50"	268 623	501*	Cap screw M6x16	020 135
2	Take-down motor complete auxiliary take-down	265 820	530*	Pan head screw M6x12	235 935
3	Sheet metal guide	225 890			



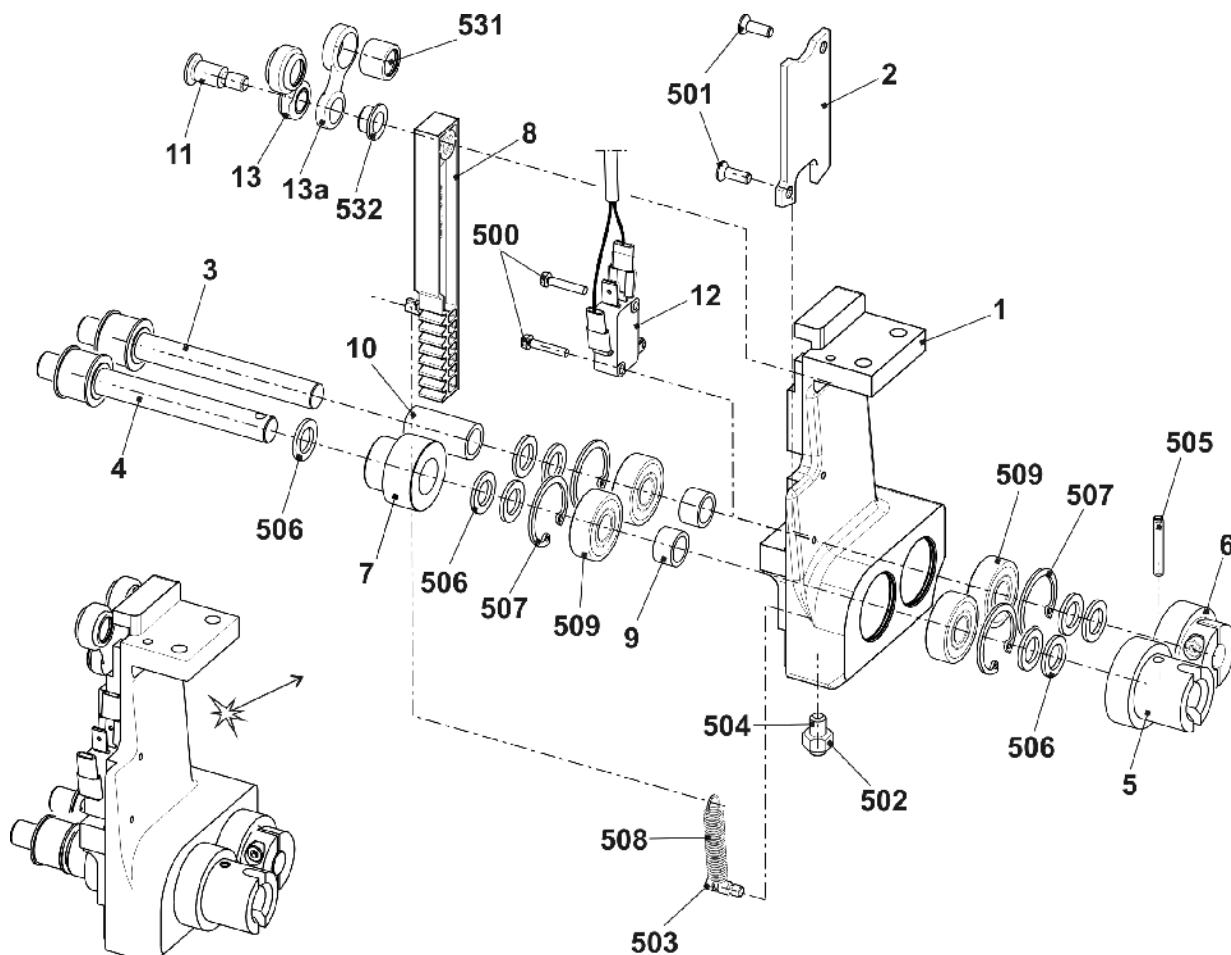
7.2 Auxiliary take-down pre-assembled

Pos	Designation	Id	Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	268 623	10	Bolts	227 914
1	Bearing on the right complete	268 631	11	Protective plate	264 958
2	Bearing on the left complete	268 632	12	Support spring	264 961
3	Toothed belt 10T5/260	208 832	500	Set collar	020 934
4	Take-down roller	224 891	501	Stop disk	023 646
5	Lever at the front on the left	264 036	502	Spring dowel sleeve 3x20	020 776
6	Lever at the front on the right	264 035	503	Setscrew M5x6	023 391
7	Lever at the rear on the left	264 034	504	Compression spring 1,0x8x59	264 966
8	Lever at the rear on the right	264 033	505	Shim ring 10x16x1	023 260
9	Timing belt pulley complete	226 708	506	Pan head screw M6x12	259 811



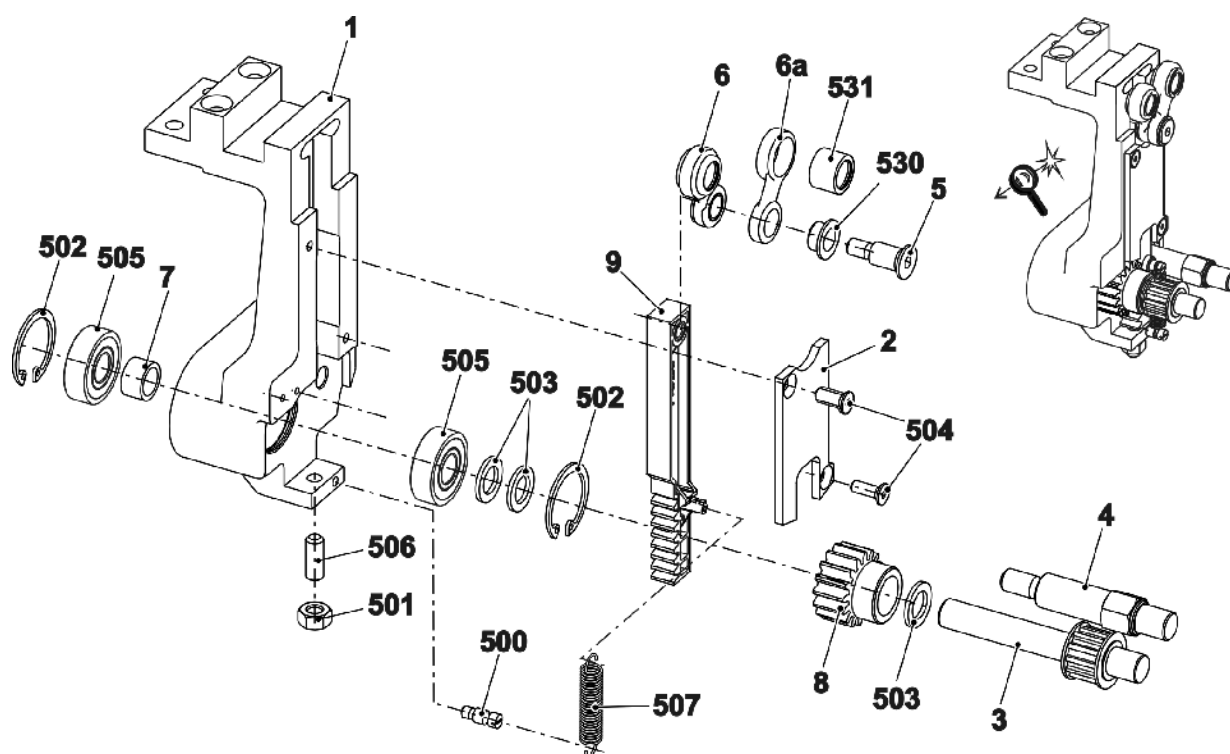
7.2.1 Right bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the right complete	268 631			
1	Bearing block on the right	258 913	13a	Connecting rod	255 696
2	Cover	257 466	531	Needle roller bearing HK1010	023 664
3	Drive shaft complete	268 611	532	Slide bearing GFM-081014-06	023 358
4	Drive shaft complete	268 610	500	Cap screw M3x16	022 560
5	Gear wheel M=1,5, Z=20	213 880	501	Countersunk head screw M4x12	023 062
6	Gear wheel M=1,5, Z=20	210 504	502	Hexagon nut M6-6	020 836
7	Gear wheel on the right complete	218 524	503	Shoulder screw M4x9x14	020 602
8	Gear rack on the right	253 487	504	Setscrew M6x16-45	023 092
9	Threaded spacer	229 683	505	Spiral pin 4x24	023 544
10	Sleeve	227 257	506	Shim ring 10x16x1,5	023 261
11	Collar bolt	210 551	507	Retaining ring 26x1,2	023 359
12	Cable with switch auxiliary take-down okc	243 142	508	Tension spring 7,5x0,7x28	023 595
13	Connecting rod complete	226 710	509	Grooved ball bearing 6000-2Z	022 599



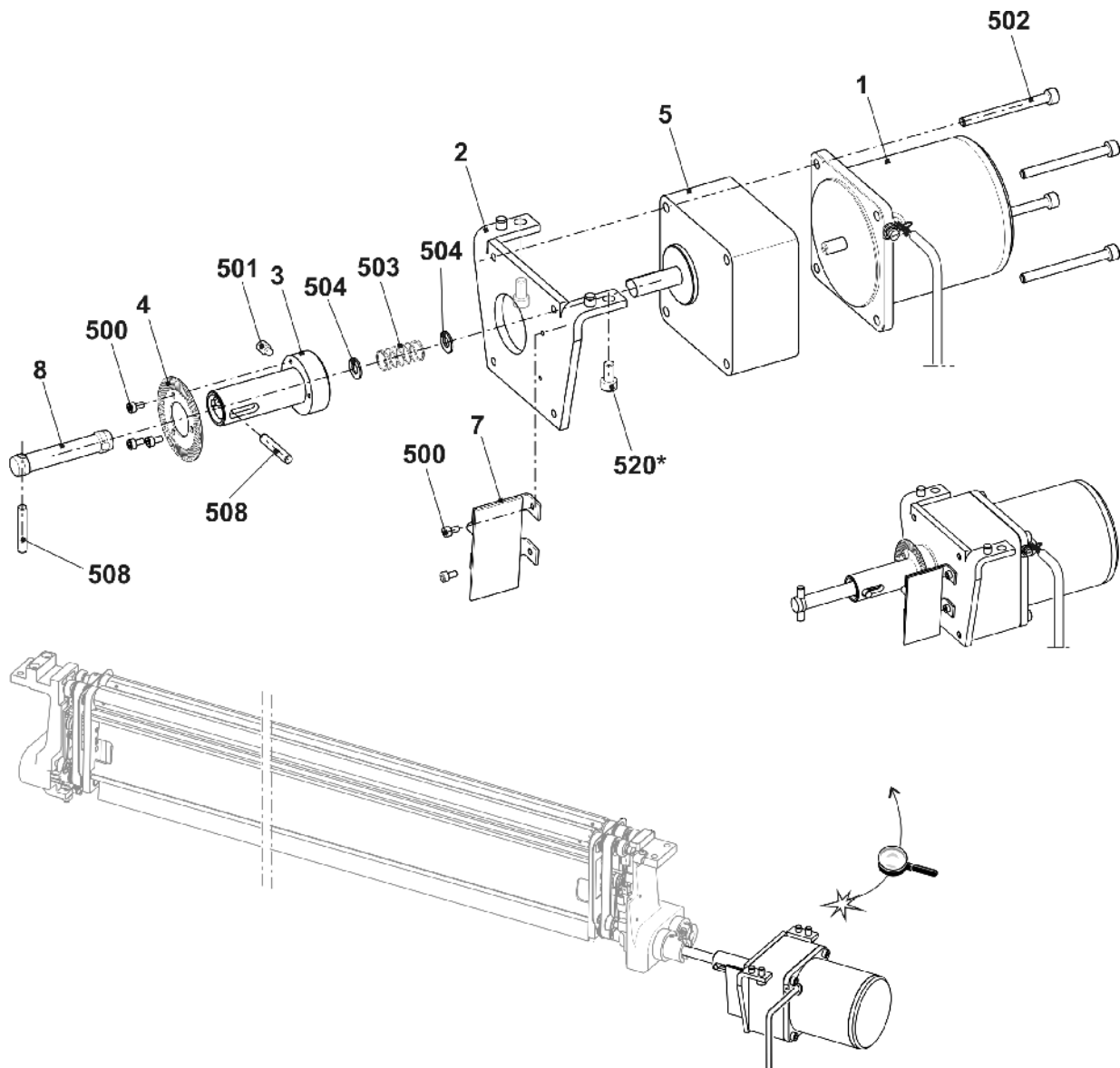
7.2.2 Left bearing of the auxiliary take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Bearing on the left	268 632			
1	Bearing block on the left	258 914	8	Gear wheel on the left complete	218 523
2	Cover	257 466	9	Gear rack on the left	253 488
3	Drive shaft complete	268 612	500	Shoulder screw M4x9x14	020 602
4	Bolts	268 609	501	Hexagon nut M6-6	020 836
5	Collar bolt	210 551	502	Retaining ring 26x1,2	023 359
6	Connecting rod complete	226 710	503	Shim ring 10x16x1,5	023 261
6a	Connecting rod	255 696	504	Countersunk head screw M4x12	023 062
530	Slide bearing GFM-081014-06	023 358	505	Grooved ball bearing 6000-2Z	022 599
531	Needle roller bearing HK1010	023 664	506	Setscrew M6x16-45	023 092
7	Threaded spacer	229 683	507	Tension spring 7,5x0,7x28	023 595



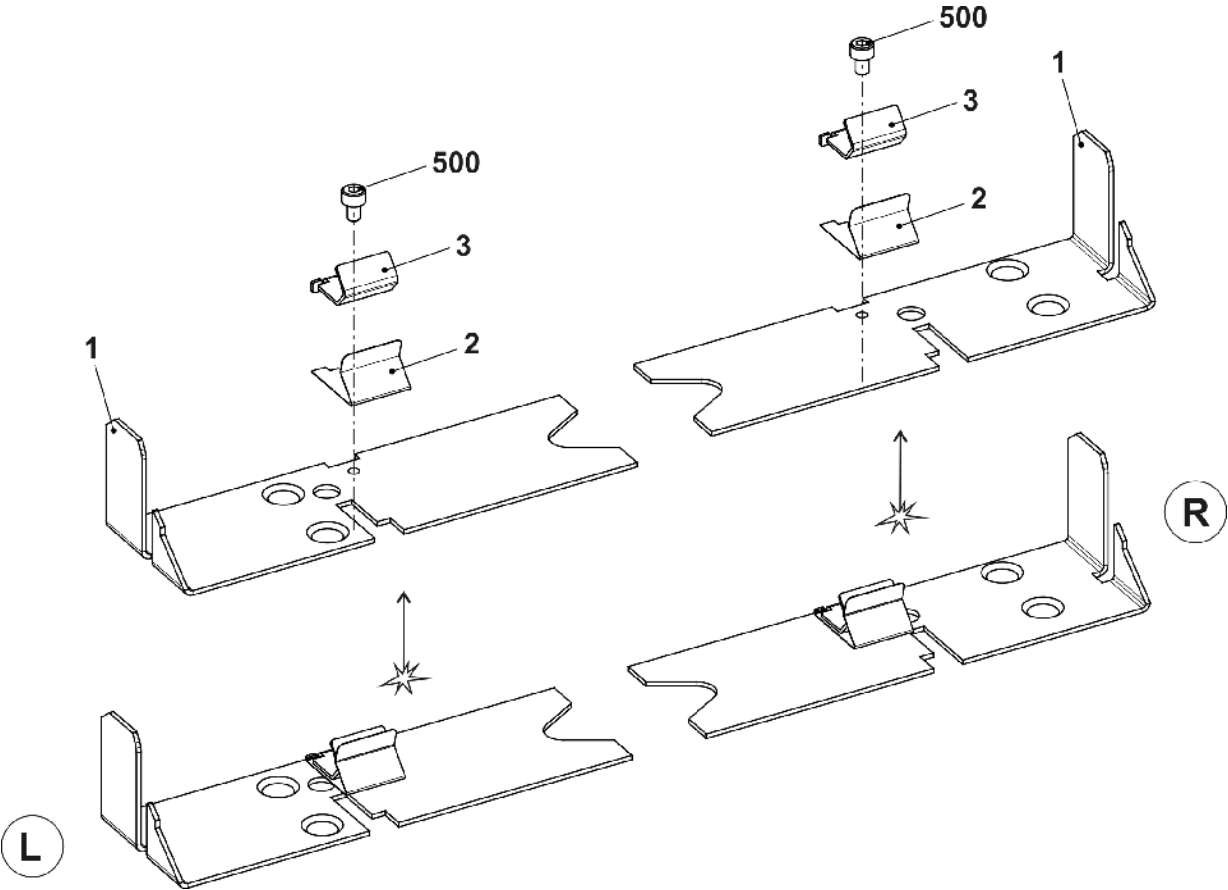
7.3 Motor

Pos	Designation	Id	Pos	Designation	Id
Σ	Motor auxiliary take-down complete	265 820			
1	Motor auxiliary take-down	266 528	500	Cap screw M3x6	022 589
2	Motor bracket	218 040	501	Setscrew M6x10	023 543
3	Drive sleeve	219 024	502	Cap screw M5x55	023 321
4	Impulse disc	218 449	503	Compression spring 0,63x10,97x40	023 500
5	Gear unit 4GN36K	220 353	504	Shim ring 6x12x1	023 444
7	Light barrier Auxiliary take-down	217 462	508	Dowel pin 5x28	241 686
8	Shaft	219 025	520*	Cap screw M6x12	020 134

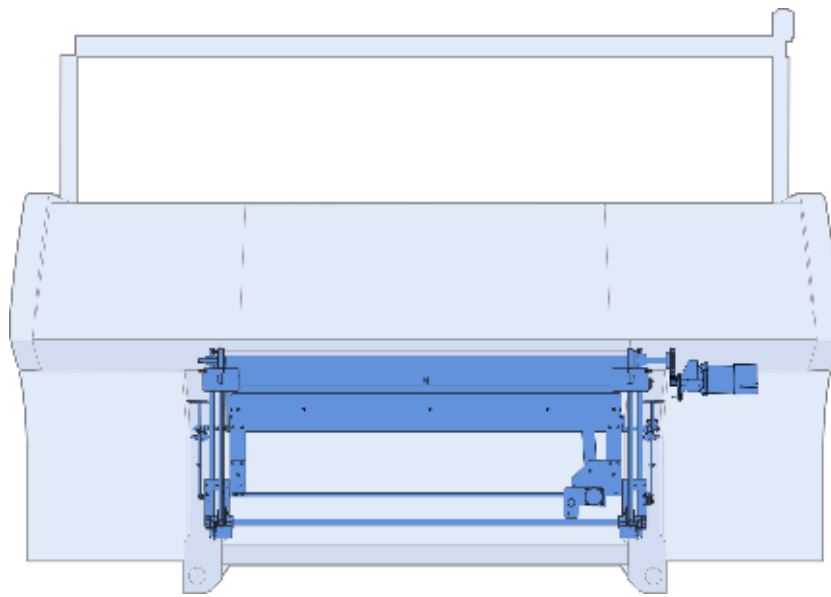


7.4 Yarn brake at clamping and cutting bed

Pos	Designation	Id	Pos	Designation	Id
Σ L	Yarn brake on the left	256 740	Σ R	Yarn brake on the right	256 715
1	Cover on the left	256 739	3	Cover on the right	256 714
2	Leaf spring	256 712	1	Leaf spring	256 712
3	Test clamping plate	256 713	2	Test clamping plate	256 713
500	Cap screw M4x6	023 067	500	Cap screw M4x6	023 067

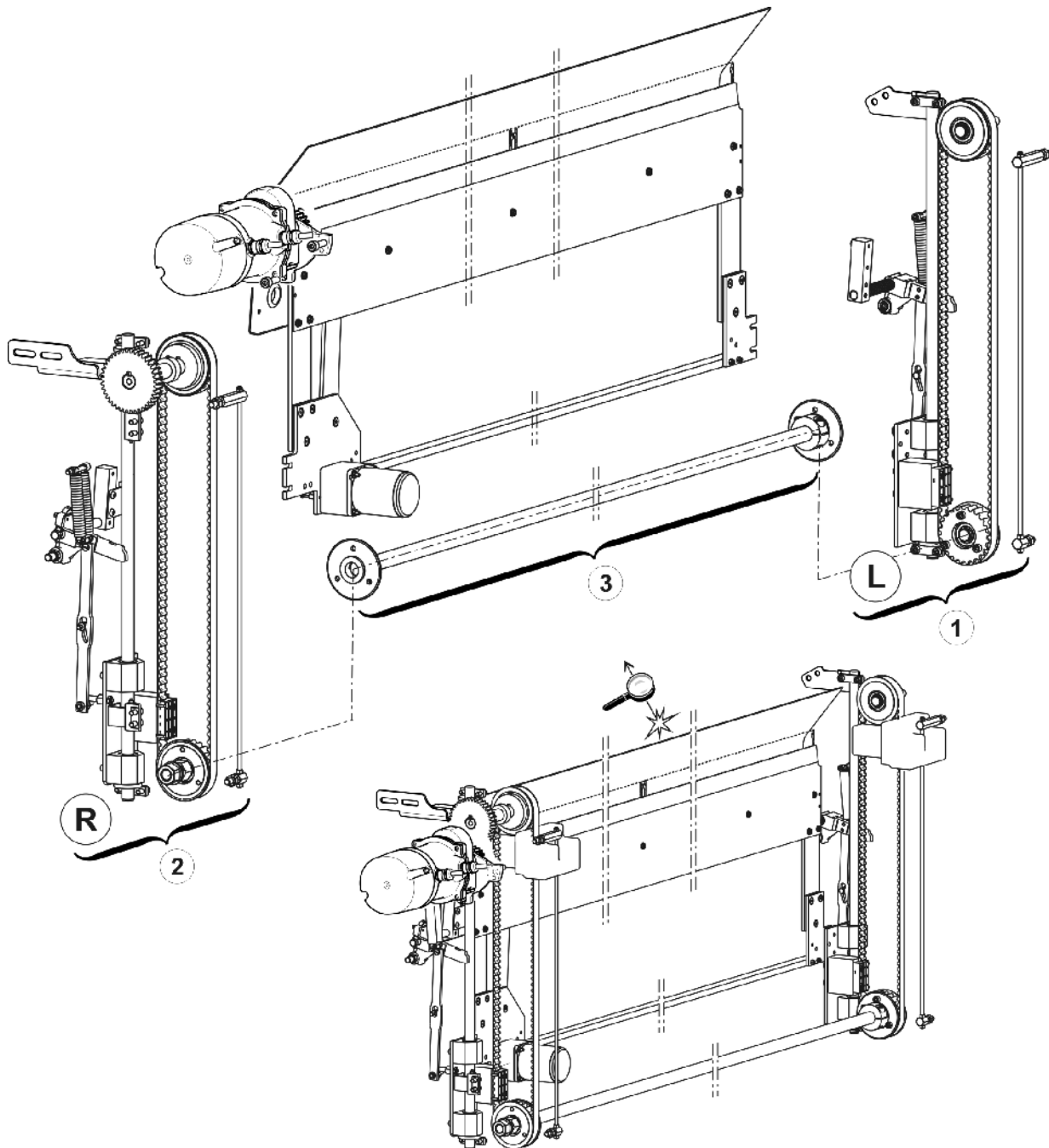


8 Comb Take-down



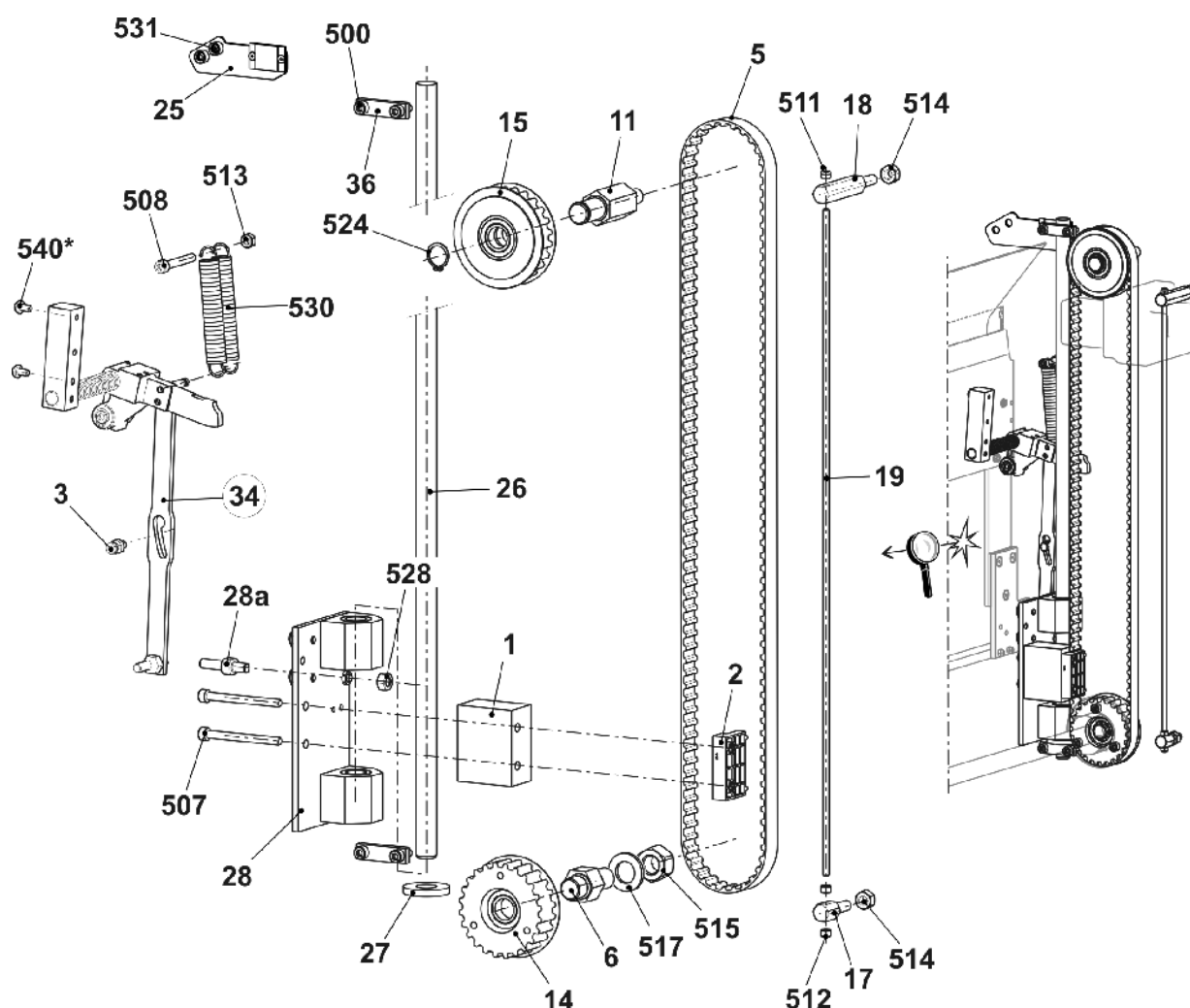
8.1 Take-down comb

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down			Comb take-down in the middle E10	267 076
1	Comb take-down on the left	256 834		Comb take-down in the middle E14 E7.2	265 825
2	Comb take-down on the right	256 835		Comb take-down in the middle E16 E8.2	267 087
3	Comb take-down in the middle E12 E6.2	267 080		Comb take-down in the middle E18	266 251



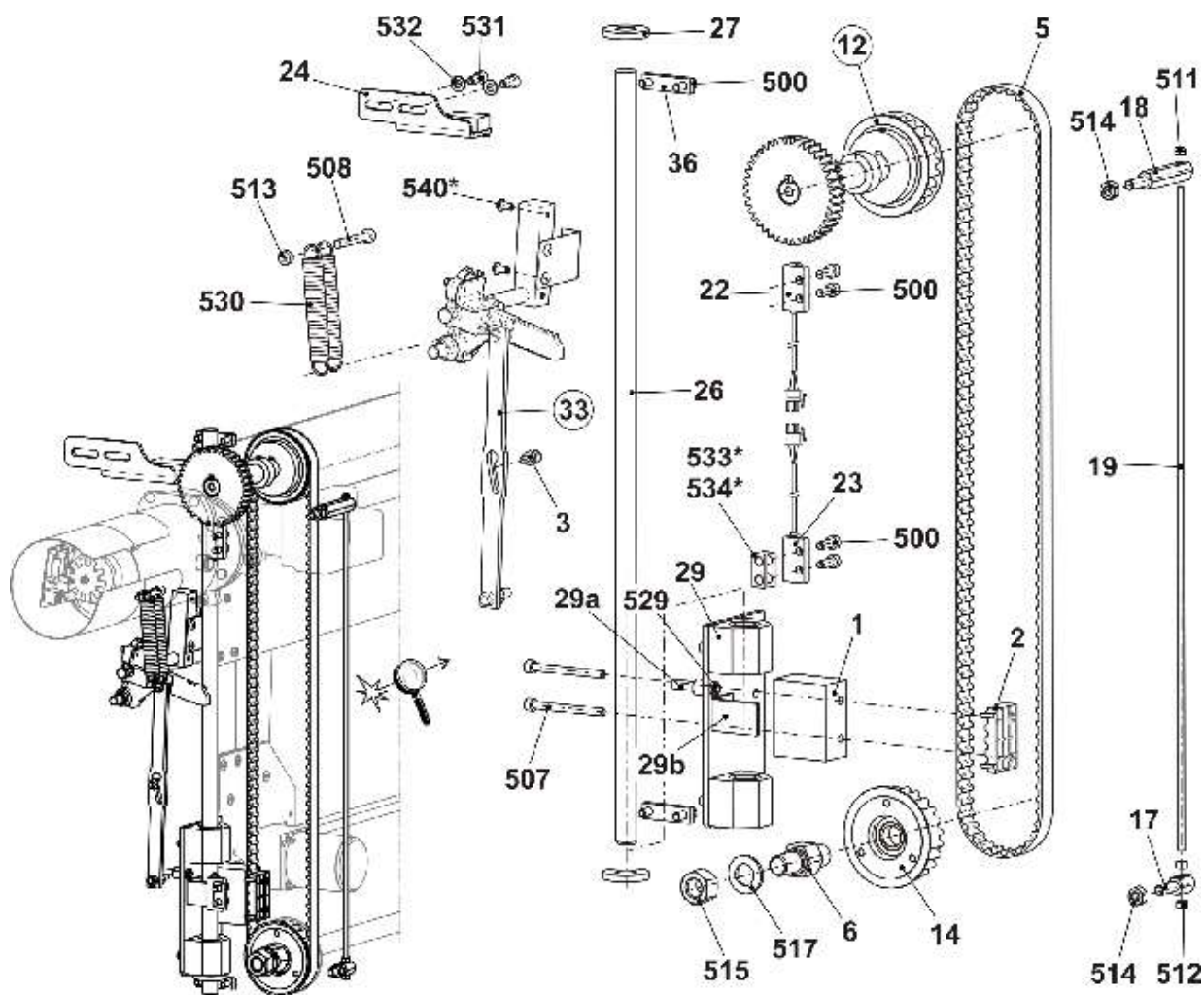
8.2 Comb take-down on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the left	256 834			
1	Clamping piece	209 379		528 Hexagon nut M8-6	020 838
2	Pressure plate	241 967	34	Swivel lever on the left	252 859
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
11	Bolts	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	256 826	517	Washer 16	020 876
26	Guide bar C35	206 560	524	Retaining 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*	Pan head screw M5x10	023 247



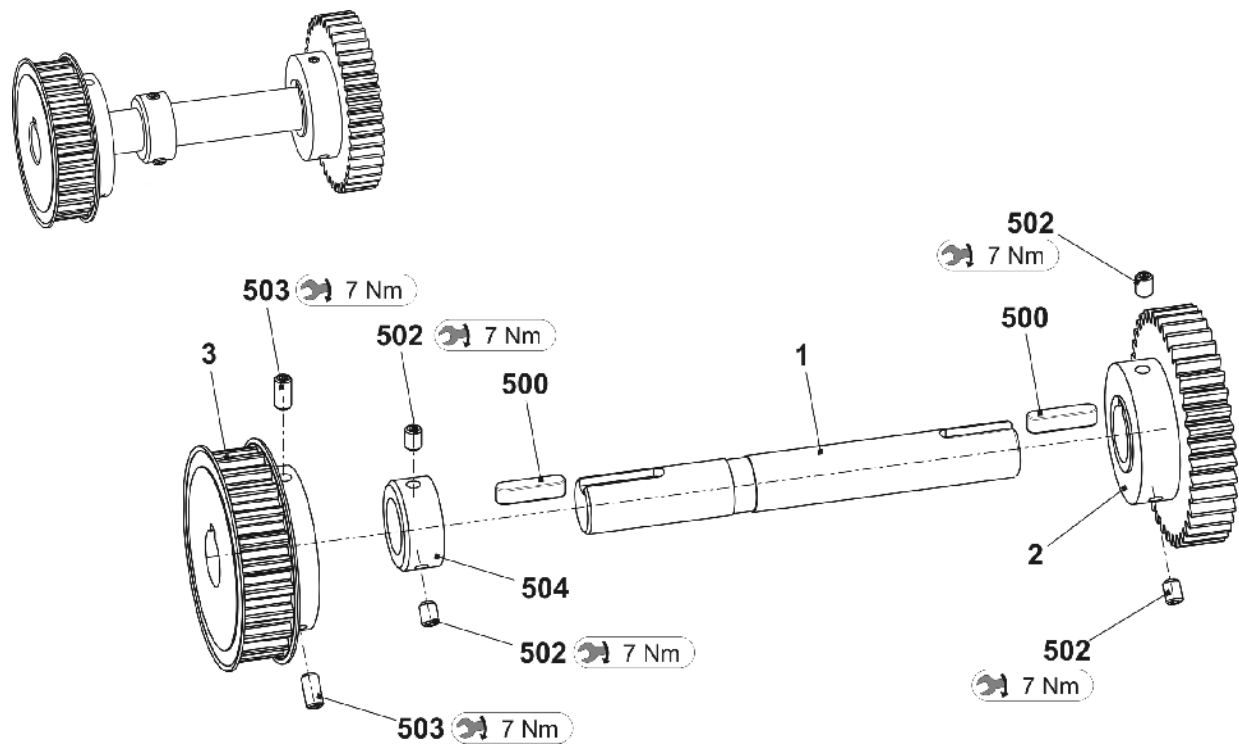
8.3 Comb take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the right	256 835			
1	Clamping piece	209 379	529	Hexagon nut M8-6	020 838
2	Pressure plate	241 967	33	Swivel lever on the right	252 858
3	Bolts	222 152	36	Clamping plate	227 159
5	Toothed 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	Washer 16	020 876
24	Light barrier complete	256 825	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	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*	Pan-head screw M5x10	023 247



8.3.1 Drive shaft of comb

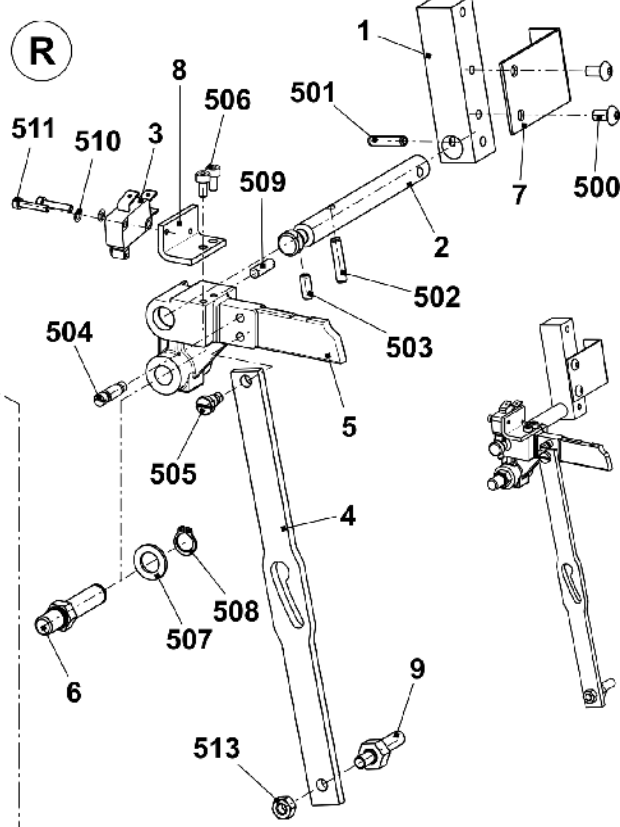
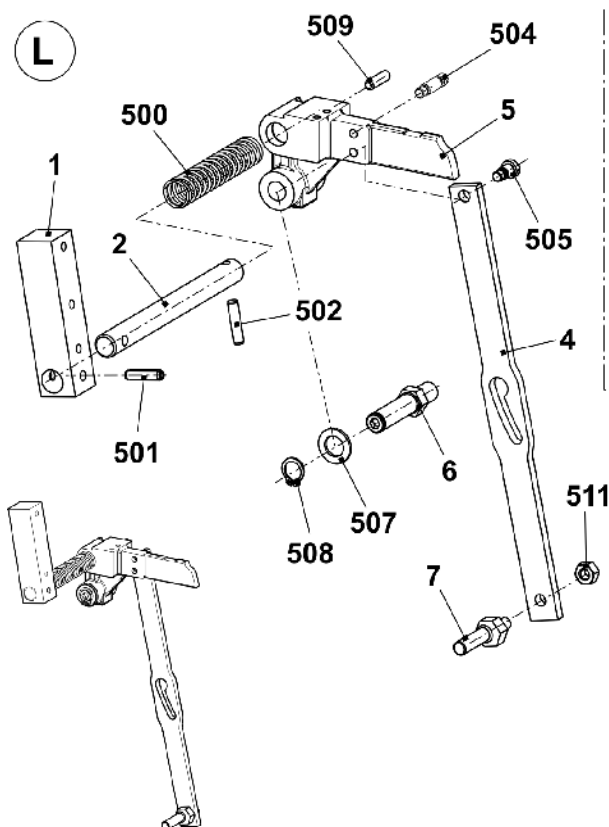
Pos	Designation	Id	Pos	Designation	Id
Σ	Drive shaft comb complete	214 583			
1	Shaft	213 969	500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744	502	Setscrew M6x8	022 684
	Always order position 502 additionally		503	Setscrew M6x12	023 898
3	Toothed belt pulley at the top	206 394	504	Set collar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



8.3.2 Swivel lever comb take-down

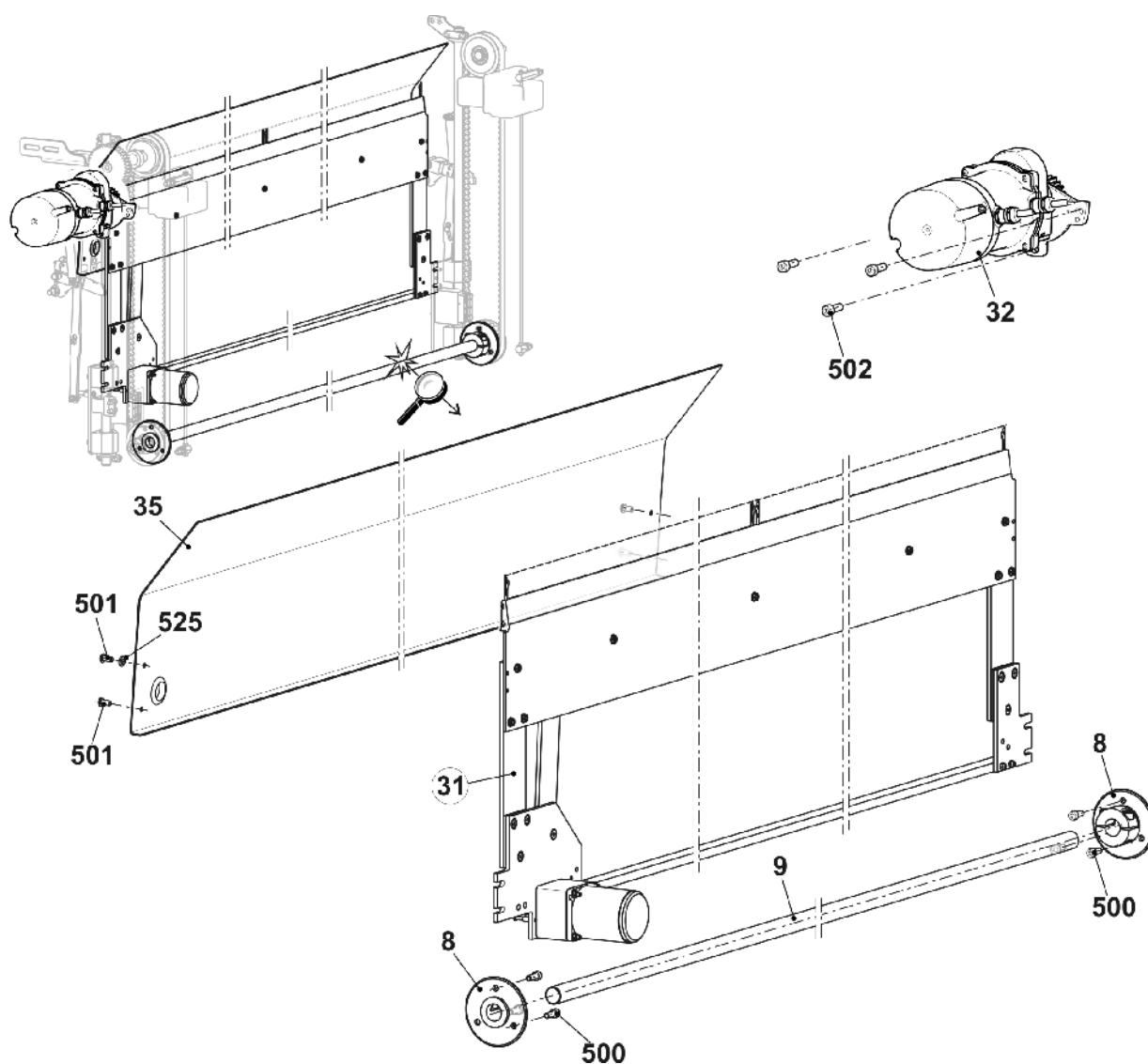
Pos	Designation	Id
Σ L	Swivel lever on the left	252 859
1	Support	252 780
2	Shaft	223 994
4	Plunger	255 650
5	Swivel lever	239 248
6	Bolts	214 053
7	Eccentric bolt	255 651
500	Compression spring 1,4x13,6x93	023 572
501	Spring dowel sleeve Iso8752-5x20	020 794
502	Dowel pin5x22	023 716
504	Shoulder screwM5x29x35	251 618
505	Shoulder screw M5x5,8x6,2	023 365
507	Washer 10	020 884
508	Retaining ring	020 950
509	Shoulder screw M5x12x18	020 539
511	Hexagon nut M8-6	020 838
Σ R	Swivel lever on the right	252 858
1	Support	252 780
2	Shaft	238 339

Pos	Designation	Id
3	Microswitch	026 259
4	Plunger	255 650
5	Swivel lever	239 248
6	Bolts	214 053
7	Angle	224 009
8	Angle	238 304
9	Eccentric bolt	255 651
500	Pan-head screw M5x10	023 247
501	Spring dowel sleeve 5x20	020 794
502	Dowel pin5x22	023 716
503	Spring dowel sleeve 5x12	020 793
504	Shoulder screwM5x29x35	251 618
505	Shoulder screw M5X5,8X6,2	023 365
506	Cap screw M4x8	022 501
507	Washer 10	020 884
508	Retaining ring10x1	020 950
509	Shoulder screwM5X12X18	020 539
510	Cap screw M3x16	022 583
511	Washer 3	020 877
513	Hexagon nut M8-6	020 838



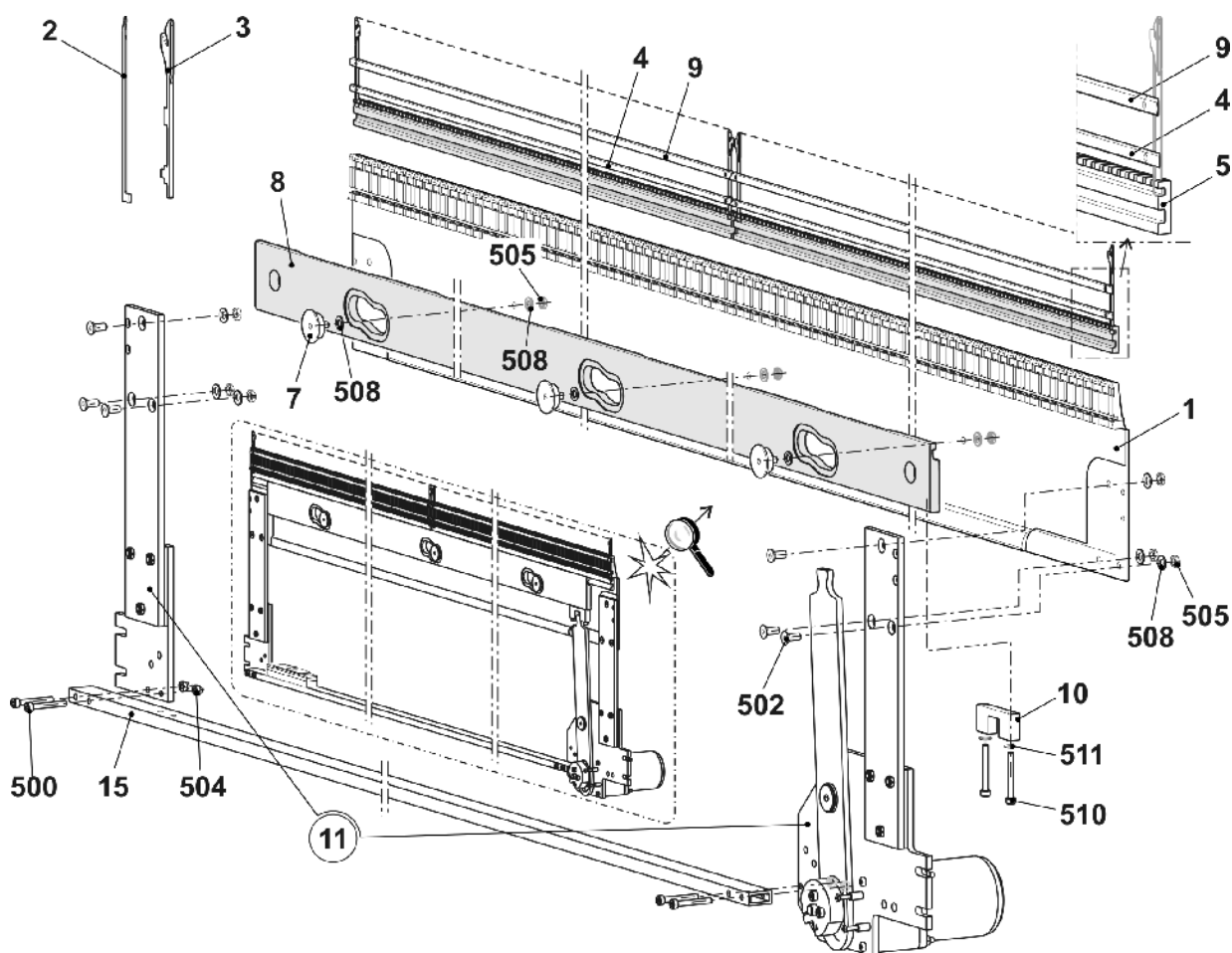
8.4 Comb take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down in the middle		31	Comb unit	
	E10	267 076		E10	267 077
	E12 E6.2 E6.2(12m.10)	267 080		E12 E6.2 E6.2(12m.10)	267 081
	E14 E7.2 E14/12	265 825		E14 E7.2 E14/12	265 826
	E16 E8.2	267 087		E16 E8.2	267 088
	E18	266 251		E18	266 250
8	Flange	207 695	32	Three phase servo motor of take-down	259 655
9	Shaft long	213 968	35	Marking plate	259 237
500	Cap screw M6x16	020 135	502	Cap screw M8x25	020 142
501	Pan head screw M5x10	023 247	525	Serrated lock washer J5,3	022 489



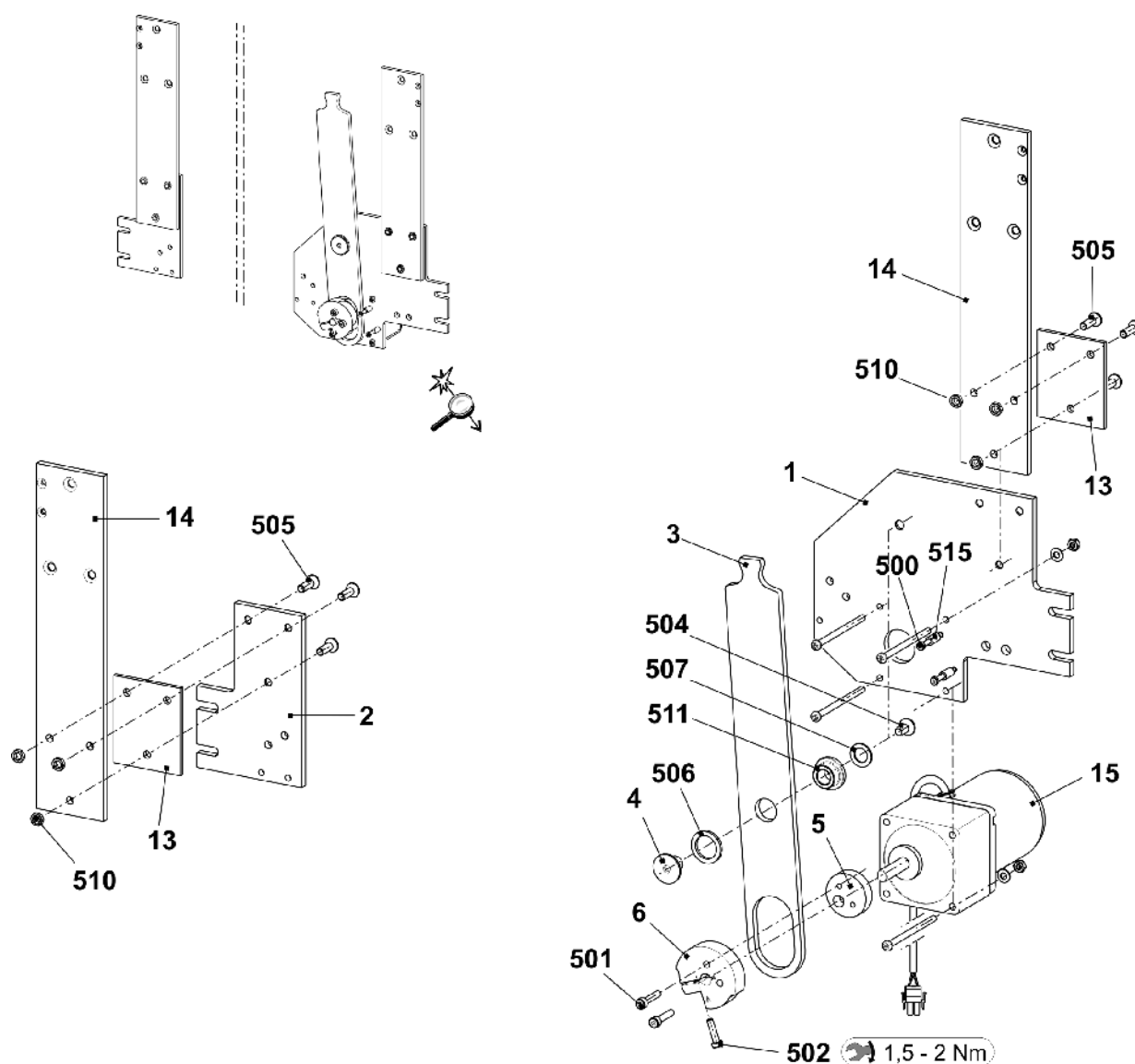
8.4.1 Comb unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb unit		5	Hook slider	
	E10	267 077		E10	220 996
	E12 E6.2 E6.2(12m.10)	267 081		E12 E16 E6.2 8.2 E6.2(12m.10)	220 994
	E14 E7.2 E14/12	265 826		E14 E7.2 E14/12	220 993
	E16 E8.2	271 506		E18	220 997
	E18	271 507	7	Collar bolt complete	211 036
1	Hook bed		8	Cross slider	213 429
	E10	267 319	9	Cover rail	222 866
	E12 E6.2 E6.2(12m.10)	267 320	10	Plunger	205 678
	E14 E7.2 E14/12	267 321	11	Switching lever complete	265 827
	E16 E8.2	267 322	15	Stabilizer	215 253
	E18	267 323	500	Cap screw M4x30	023 290
2	Closer		502	Countersunk head screw M5x12	023 340
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10) E14/12	230 106	504	Hexagon nut M4-8	023 046
	E16 E18 E8.2	268 833	505	Hexagon nut M5-04	020 854
3	Body		508	Washer 5	020 871
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10) E14/12	230 094	510	Cap screw M4x35	023 550
	E16 E18 E8.2	268 832	511	Circlip	022 774
4	Cover rail	213 428			

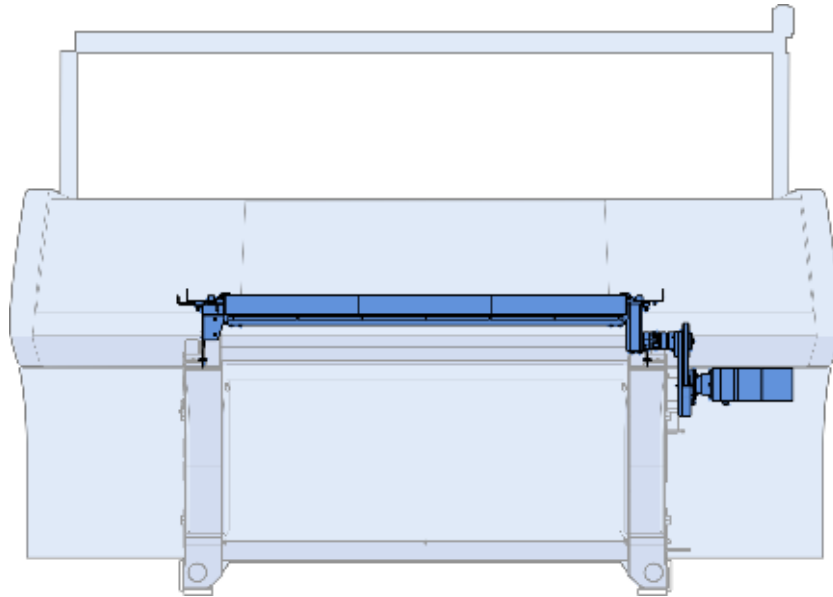


8.4.2 Switching lever comb take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Switching lever complete	265 827	500	Cap screw M3x25	023 093
1	Screw-on plate on the right	240 058	501	Cap screw M4x20	023 171
2	Screw-on plate on the left	240 059	502	Cap screw M4x16	023 123
3	Lever	215 228	504	Pan-head screw M6x12	023 435
4	Bearing bolt	215 675	505	Pan-head screw M5x16	023 417
5	Eccentric	205 681	506	Shim ring 16x22x2	023 449
6	Tension cam	215 287	507	Shim ring 10x16x1	023 260
13	Intermediate plate	213 980	510	Hexagon nut M5	020 854
14	Holding plate	218 977	511	Collar bearing 10x16x22	022 841
15	Motor Comb hook with gear	267 420	515	Threaded spacer	210 488

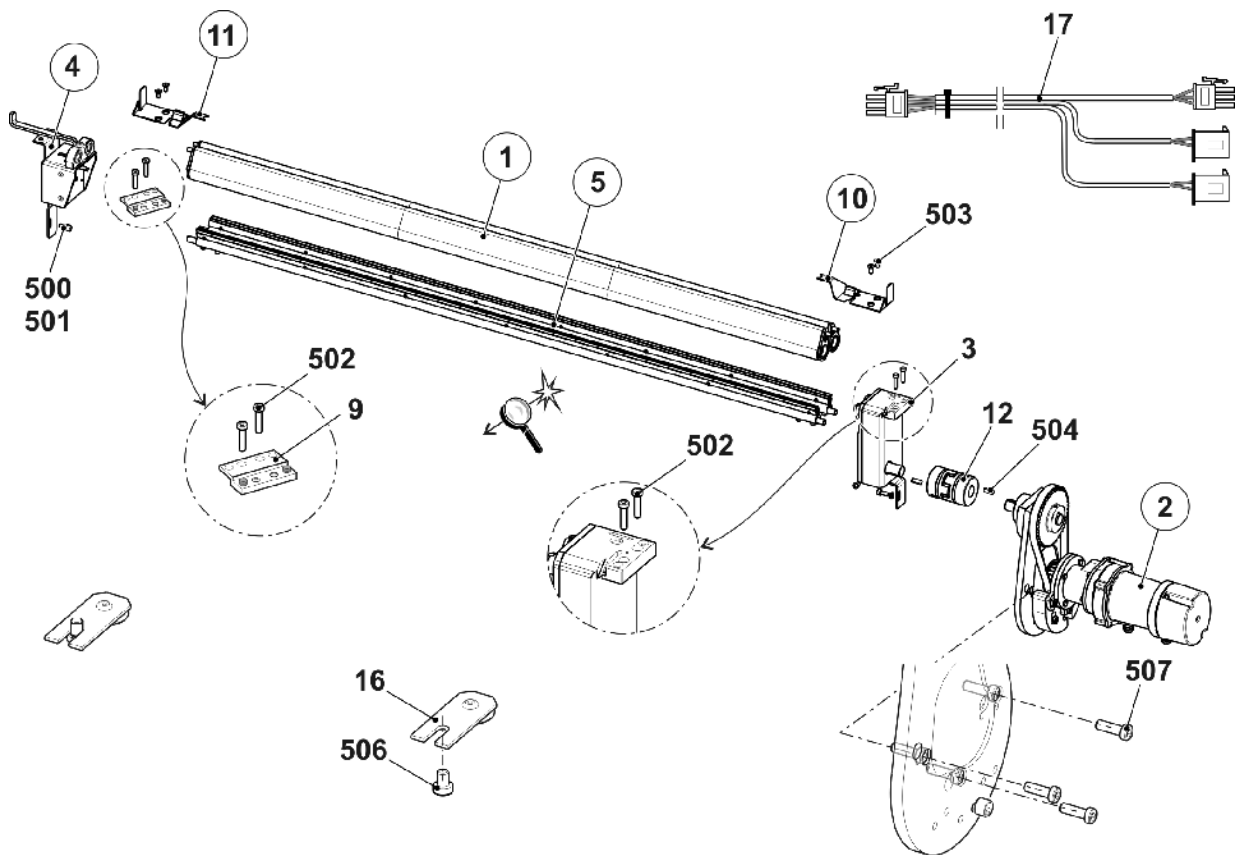


9 Belt Take-Down



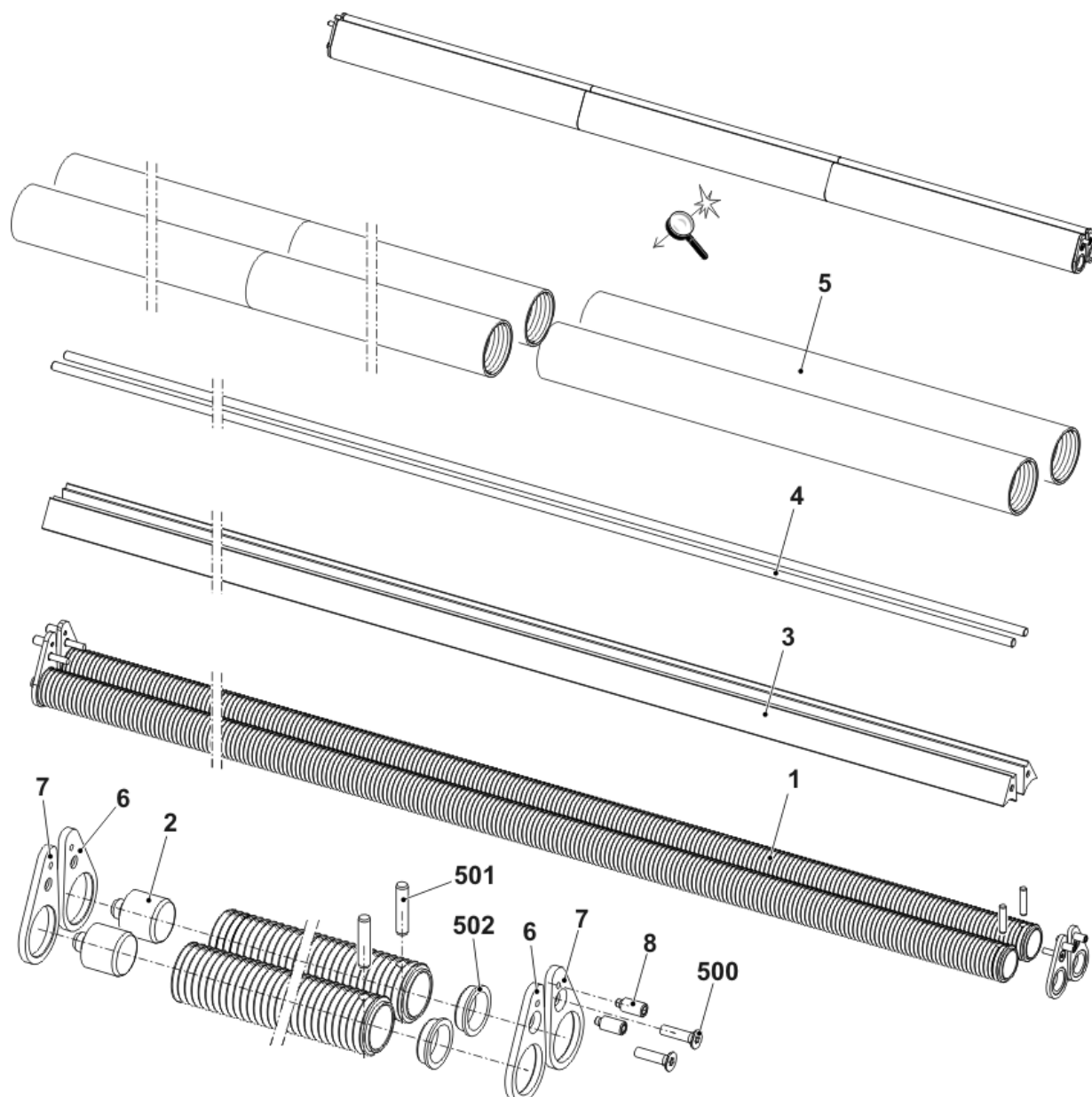
9.1 Belt Take-Down

Pos	Designation	Id	Pos	Designation	Id
Σ	Belt take-down				
1	Belt complete	265 973	16	Thread clamp	267 514
2	Drive unit complete	267 963	17	Cable between switch and winding plate BA	266 560
3	Gear unit complete	265 979	500	Cap screw M6x16	020 135
4	Left support complete	265 982	501	Washer 6	020 872
5	Winding guard complete	265 985	502	Cap screw M6x25	023 335
9	Adapter yarn brake	236 177	503	Countersunk screw M6x14	266 777
10	Yarn brake on the right E12-18	265 657	504	Feather key 6x6x20	265 788
11	Yarn brake on the left E12-18	265 691	506	Cap screw M6x8	023 532
12	Coupling	265 693	507	Cap screw M8x25	023 563



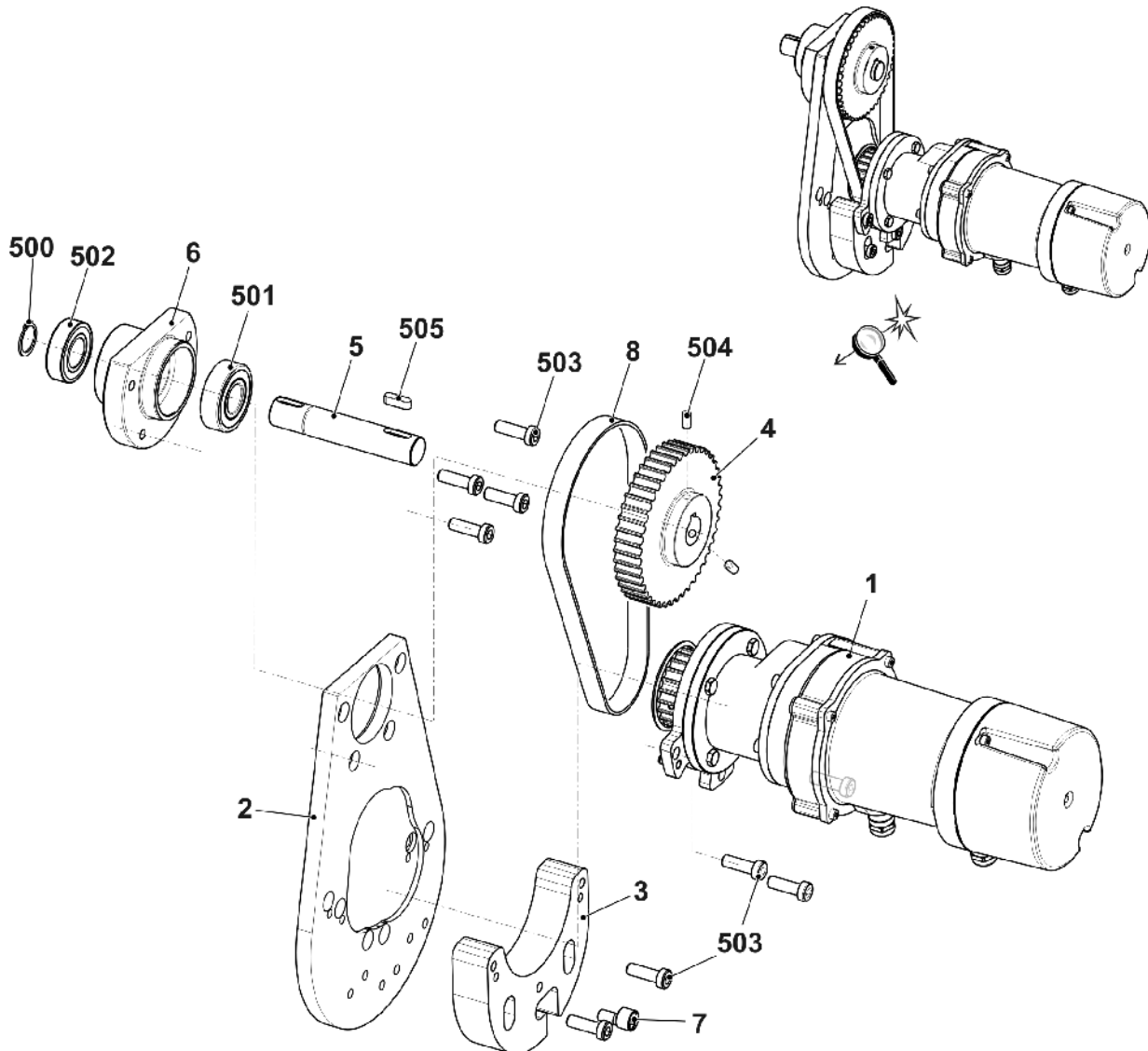
9.2 Belt

Pos	Designation	Id	Pos	Designation	Id
Σ	Belt complete	265 973	6	Casing cap at the right	266 382
1	Drive shaft	265 607	7	Casing cap at the left	266 383
2	Bolts	265 633	8	Support	265 630
3	Support body	265 608	500	Screw 50x20	263 540
4	Deflection rod	265 609	501	Dowel pin 6x28	265 784
5	Belt	265 582	502	Slide bearing	266 772



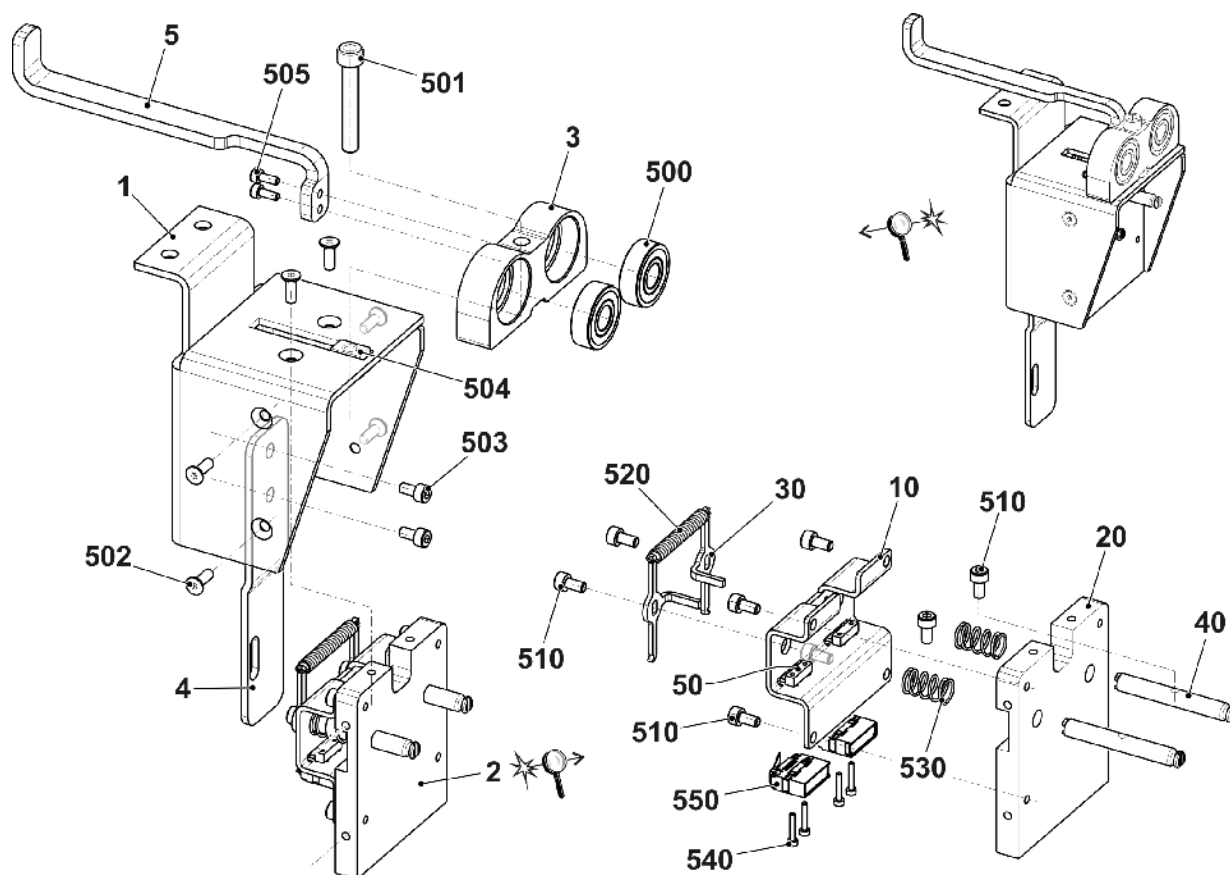
9.3 Drive unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Drive unit complete	267 963			
1	Motor complete	268 034	8	Toothed belt 560	265 738
2	Plate at the top	266 818	500	Retaining ring 20x1,2	020 956
3	Motor support	266 819	501	Grooved ball bearing 6204-2RS	022 848
4	Timing belt pulley 44-HTD8M	265 624	502	Grooved ball bearing 6004-2RS	236 089
5	Shaft	265 634	503	Cap screw M8x25	023 563
6	Flange	266 820	504	Setscrew M16x12	023 898
7	Eccentric	266 612	505	Feather key 6x6x20	265 788



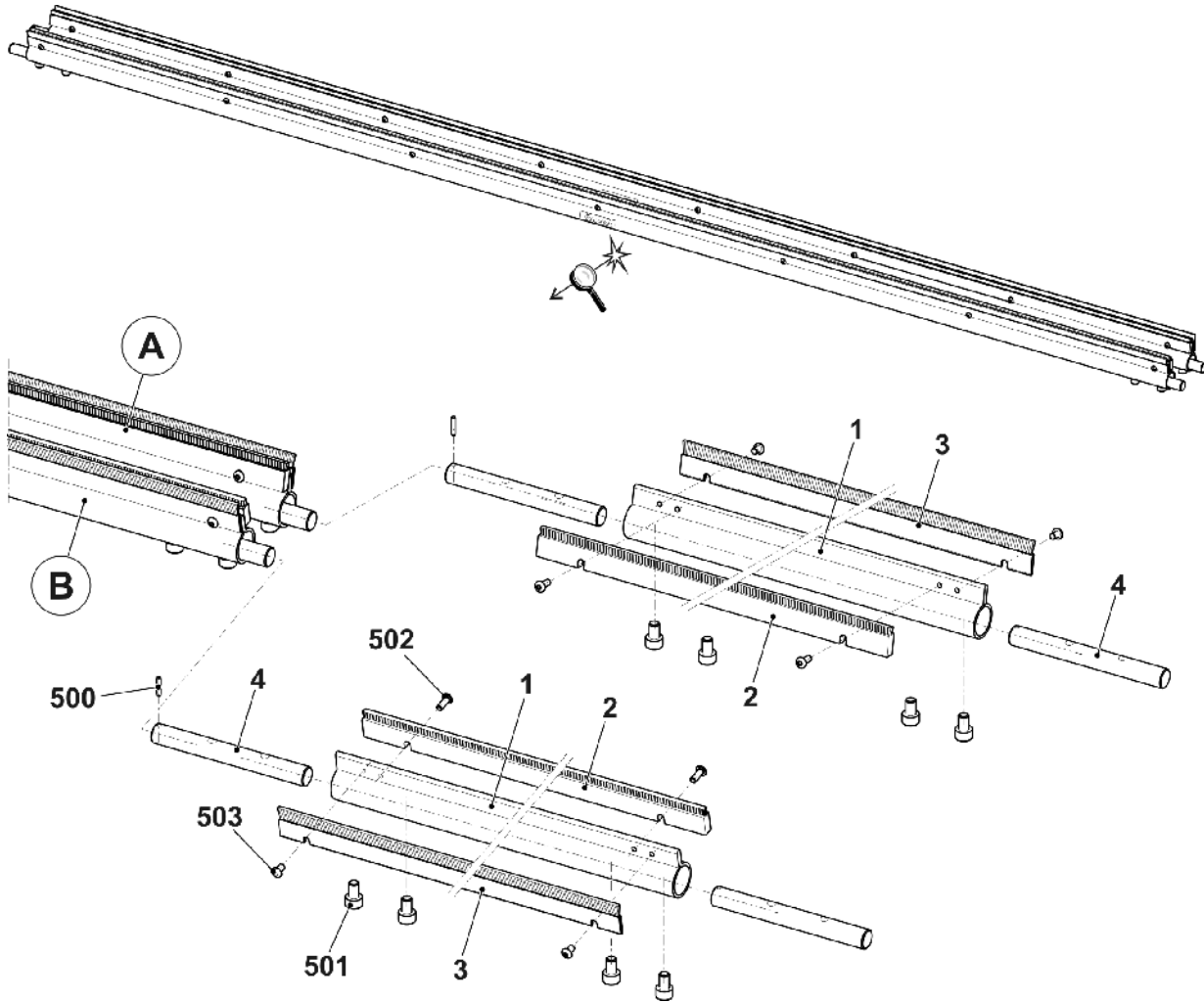
9.4 Support on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Left support complete	265 982			
1	Support angle	266 417	540	Cap screw M2x12	023 522
2	Switch component complete	265 981	550	Switch of Winding PlateBA	266 613
10	Support on the left	266 821	3	Support	266 418
20	Screw-on plate	266 419	4	Holding angle at the left	265 704
30	Switch plate	266 822	5	Bearing strip at the top complete	266 825
40	Operating shaft	266 823	500	Grooved ball bearing 6000-2Z	022 599
50	Tension bar	266 824	501	Cap screw M6x40	020 140
510	Cap screw M4x8	022 501	502	Countersunk screw M4x12	023 062
520	Tension spring	023 308	503	Cap screw M5x8	023 319
530	Compression spring	023 464	504	NutM6x8	265 785
			505	Cap screw M3x8	022 582



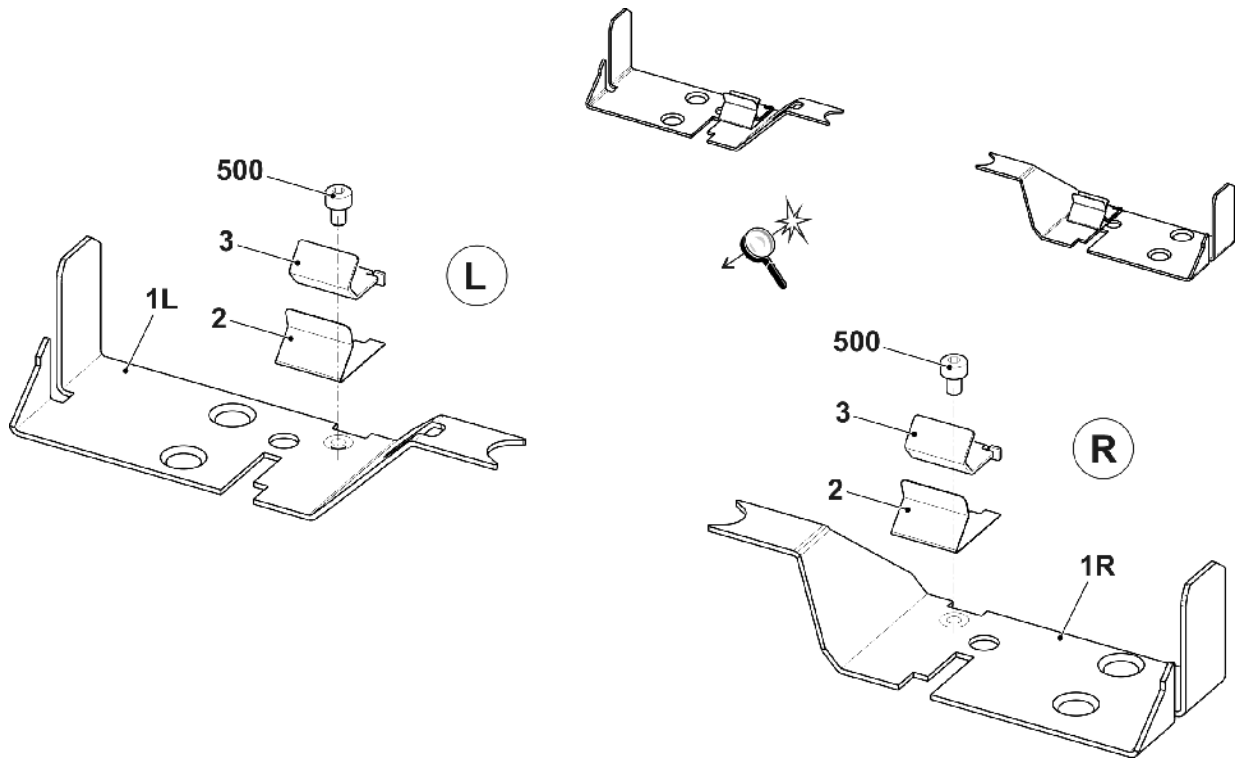
9.5 Winding guard

Pos	Designation	Id	Pos	Designation	Id
Σ	Winding guard complete	265 985			
A	Stripping angle at the rear complete	265 983	4	Shaft	265 697
B	Stripping angle at the front complete	265 984	500	Dowel pin 2x10	266 722
1	Stripping angle	266 826	501	Cap screw M5x8	023 319
2	Stripping brush	265 639	502	Pan head screw M3x5	023 530
3	Brush antistatic	265 645	503	Pan head screw M3x5	235 966

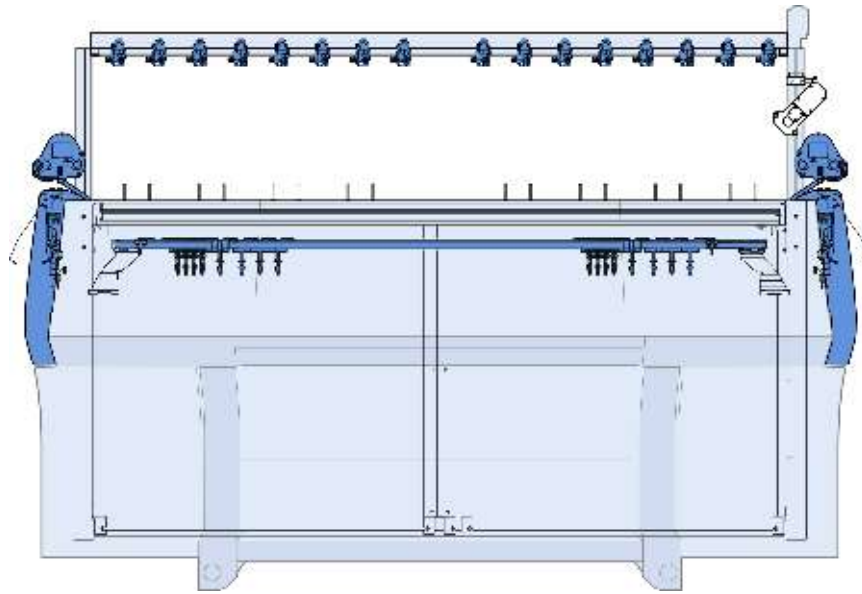


9.6 Yarn brakes

Pos	Designation	Id	Pos	Designation	Id
Σ L	Yarn brake on the left	265 691			
Σ R	Yarn brake on the right	265 657	2	Leaf spring	256 712
1L	Cover on the left	265 690	3	Test clamping plate	256 713
1R	Cover on the right	265 656	500	Cap screw M4x6	023 067

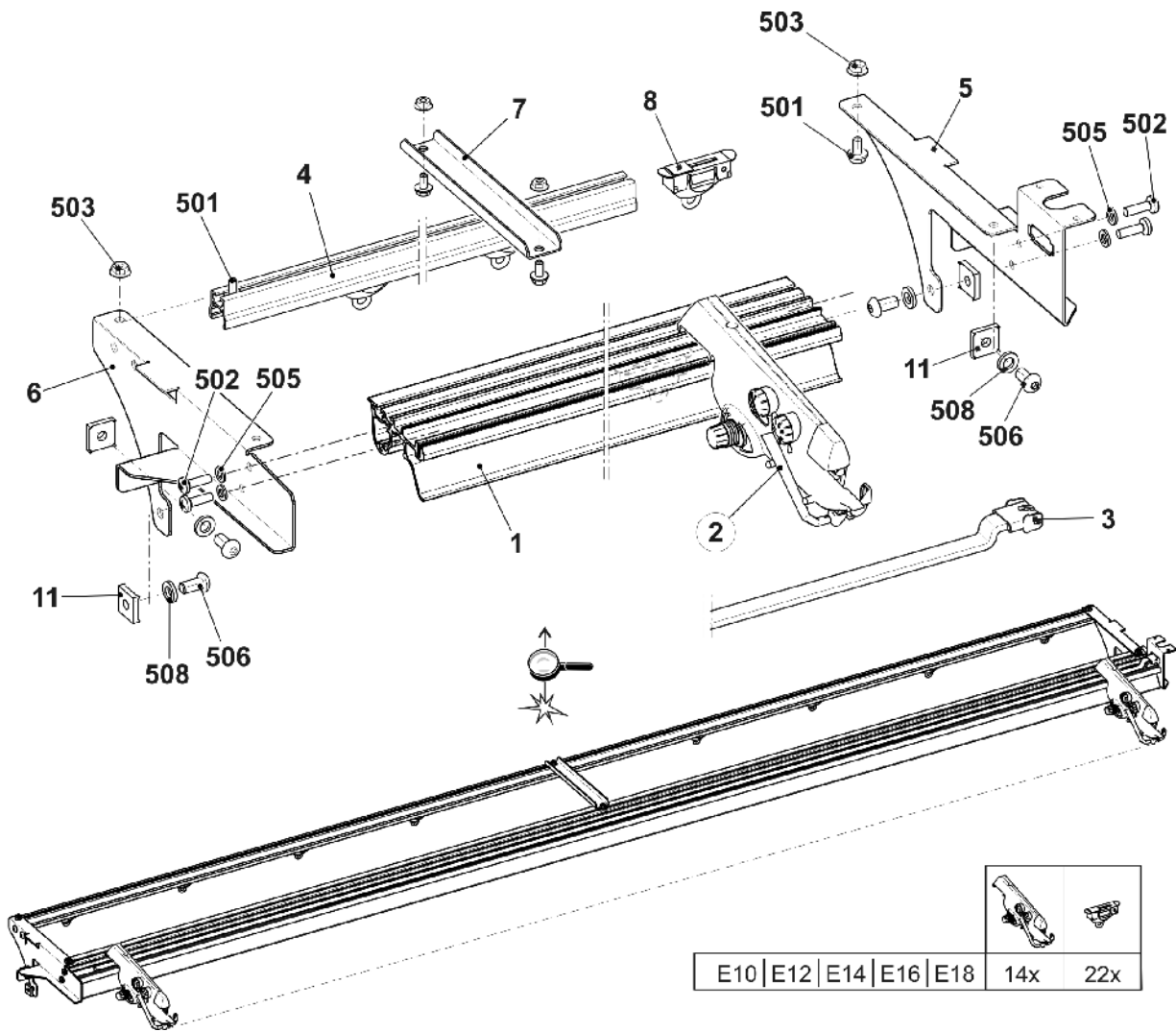


10 Yarn delivery device



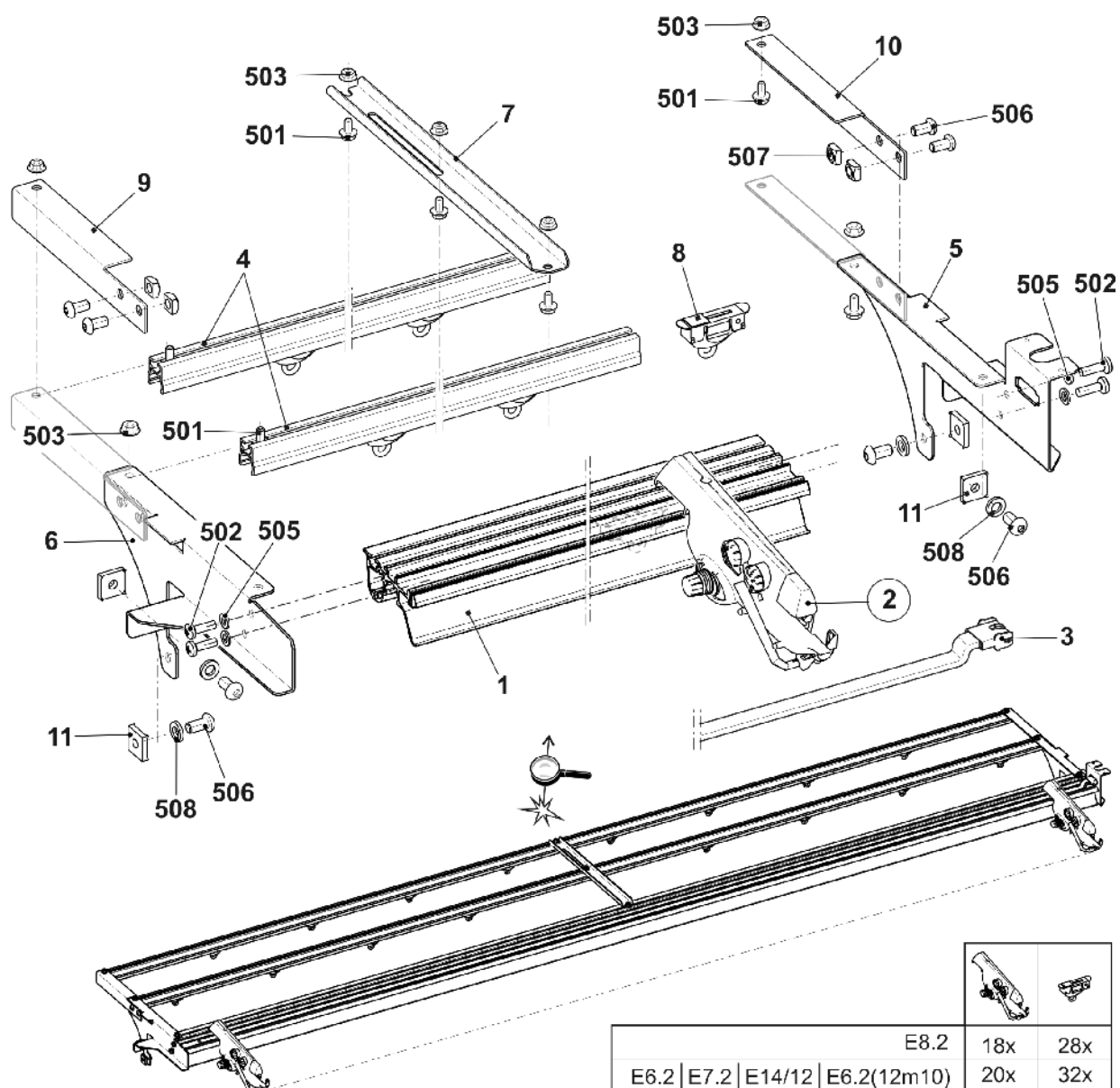
10.1 Yarn guide system with 14 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device14 FKE 50"	241 587	8	Yarn guide bracket complete	241 581
1	Support 50"	264 400	11	Slot nut	228 851
2	Yarn control device (FKE)	237 124	501	Self-locking screw M6x12	023 415
3	Connection cable FKE 50" BM ECO	254 056	502	Screw M6x20	023 721
4	Yarn guide bar 50"	240 324	503	Serrated nut M6-10	023 414
5	Support on the right	264 519	505	Washer 6-200	022 431
6	Support on the left	264 518	506	Pan-head screw M8x16	023 113
7	Straps	264 555	508	Serrated lock washer	023 388



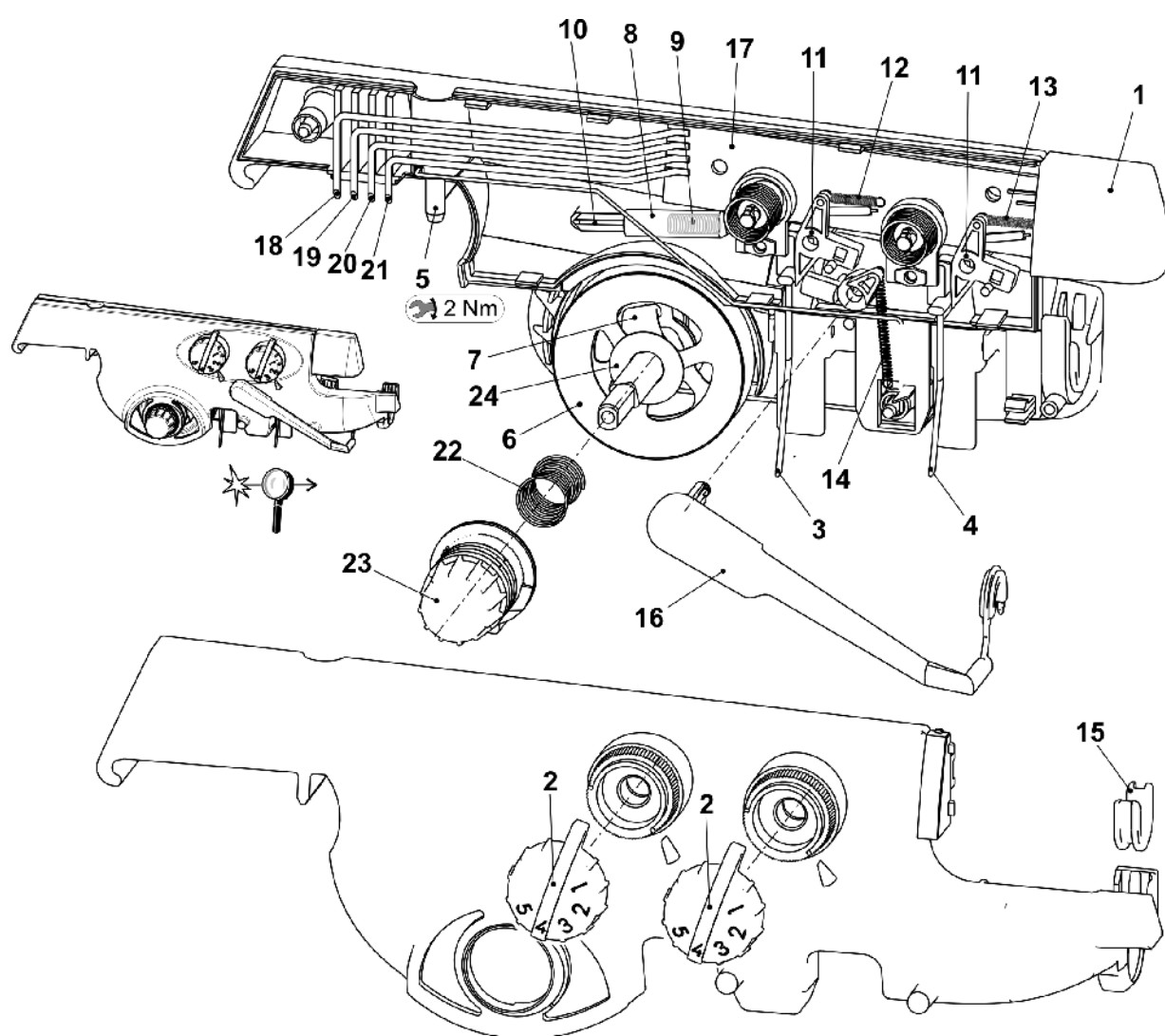
10.2 Yarn guide system with 18 and 20 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide device 18 FKE 50"	240 322	9	Support on the left	243 602
	Yarn guide device 20 FKE 50"	241 599	10	Support on the right	243 603
1	Support 50"	264 400	11	Slot nut	228 851
2	Yarn control device(FKE)	237 124	501	Self-locking screw M6x12	023 415
3	Connection cable FKE 50" BM ECO	254 056	502	Screw M6x20	023 721
4	Yarn guide bar50"	240 324	503	Serrated nut M6-10	023 414
5	Support on the right	264 519	505	Washer 6	022 431
6	Support on the left	264 518	506	Pan-head screw M8x16	023 113
7	Straps	264 520	507	Square nut M8	023 269
8	Yarn guide bracket complete	241 581	508	Serrated lock washer	023 388



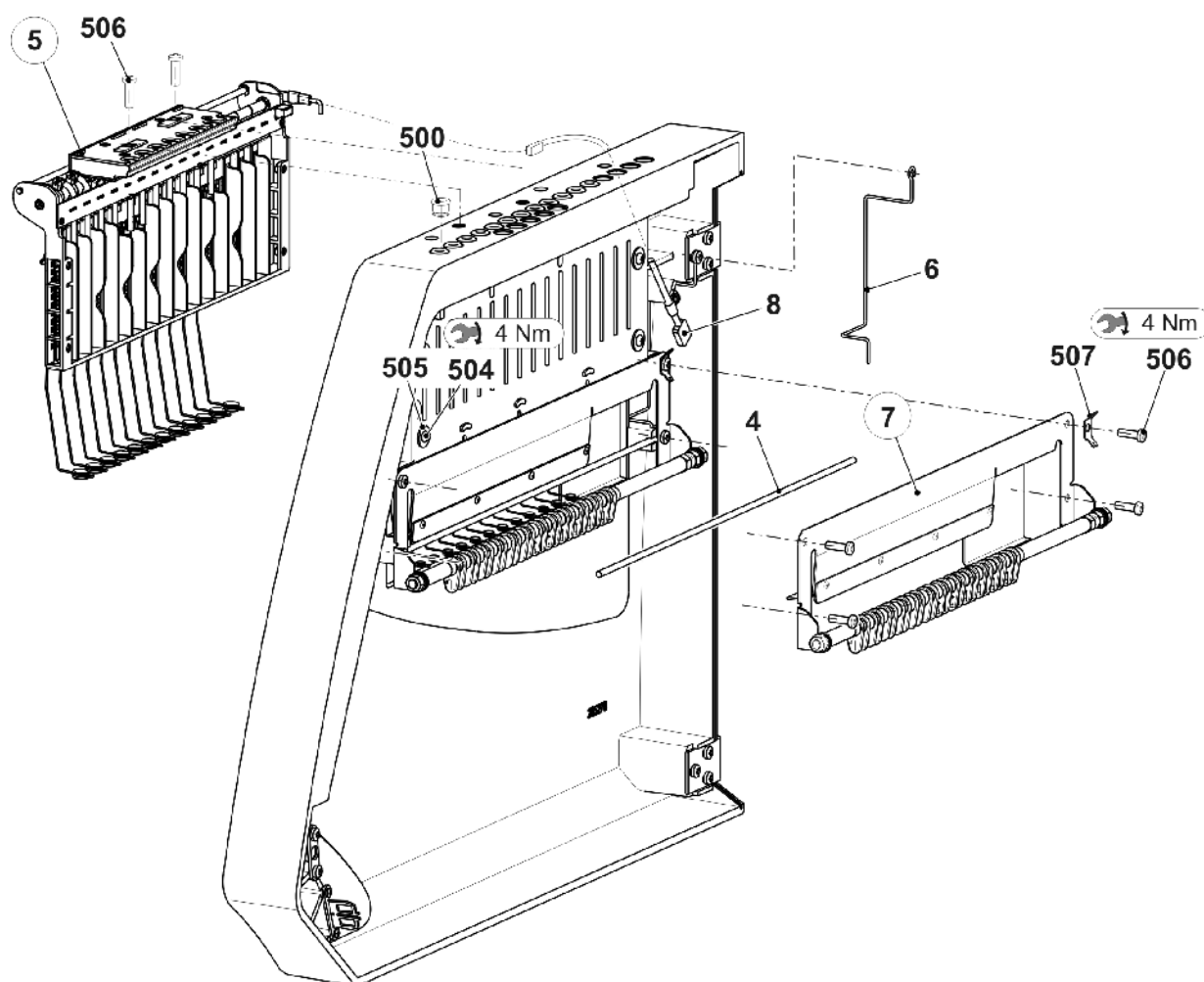
10.3 Yarn control device

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



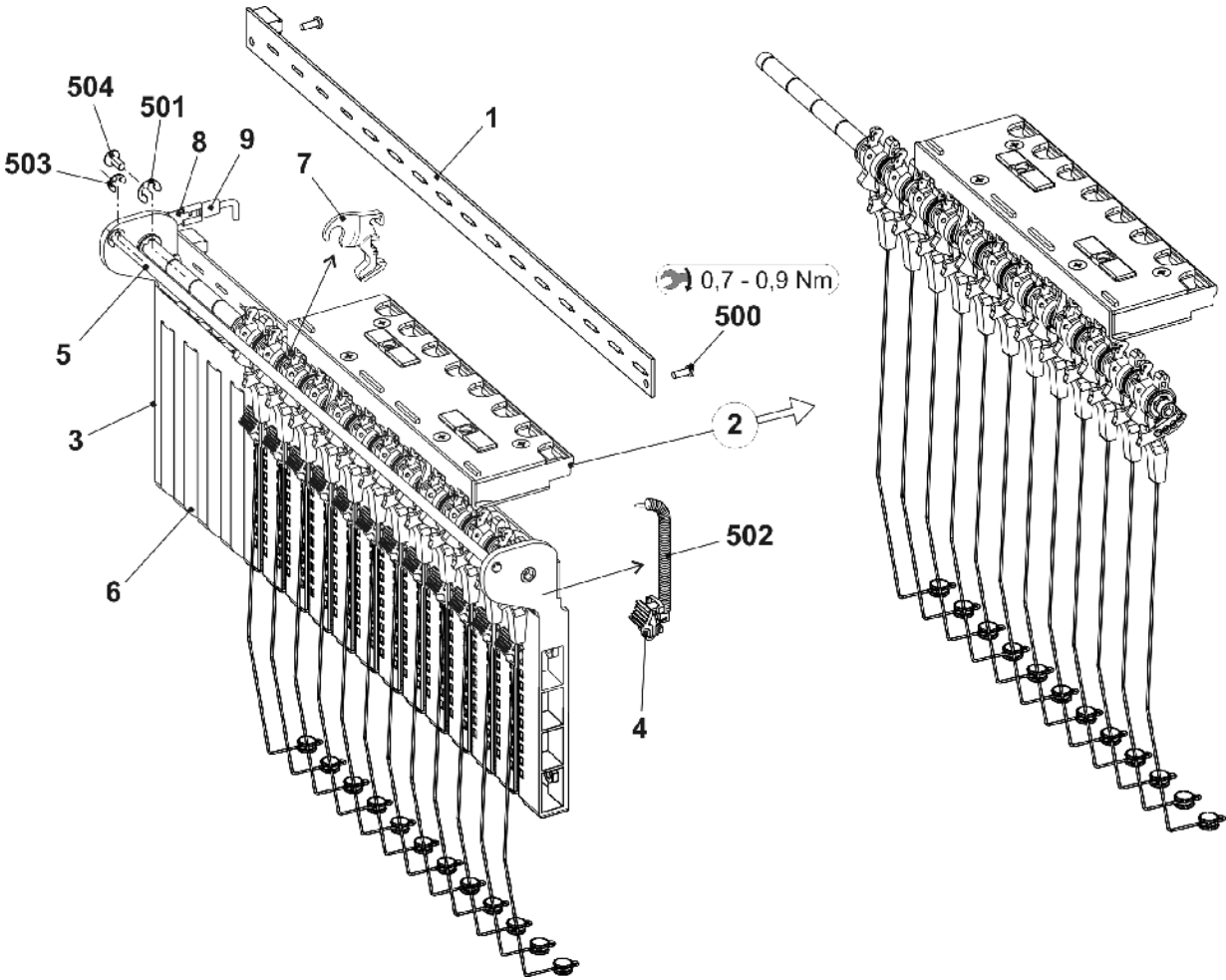
10.4 Left yarn guide E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete E10-18	265 330			
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the left complete E10-18	241 365	504	Pan head screw M5x16	265 377
6	Wire bow on the left	265 052	505	Washer 5,3x18x1,5	020 909
7	Yarn deflector on the left complete	265 285	506	Screw 6x20	265 379
8	Connection cable yarn tensioner okc	240 808	507	Flat connector 2x45° M6	243 117



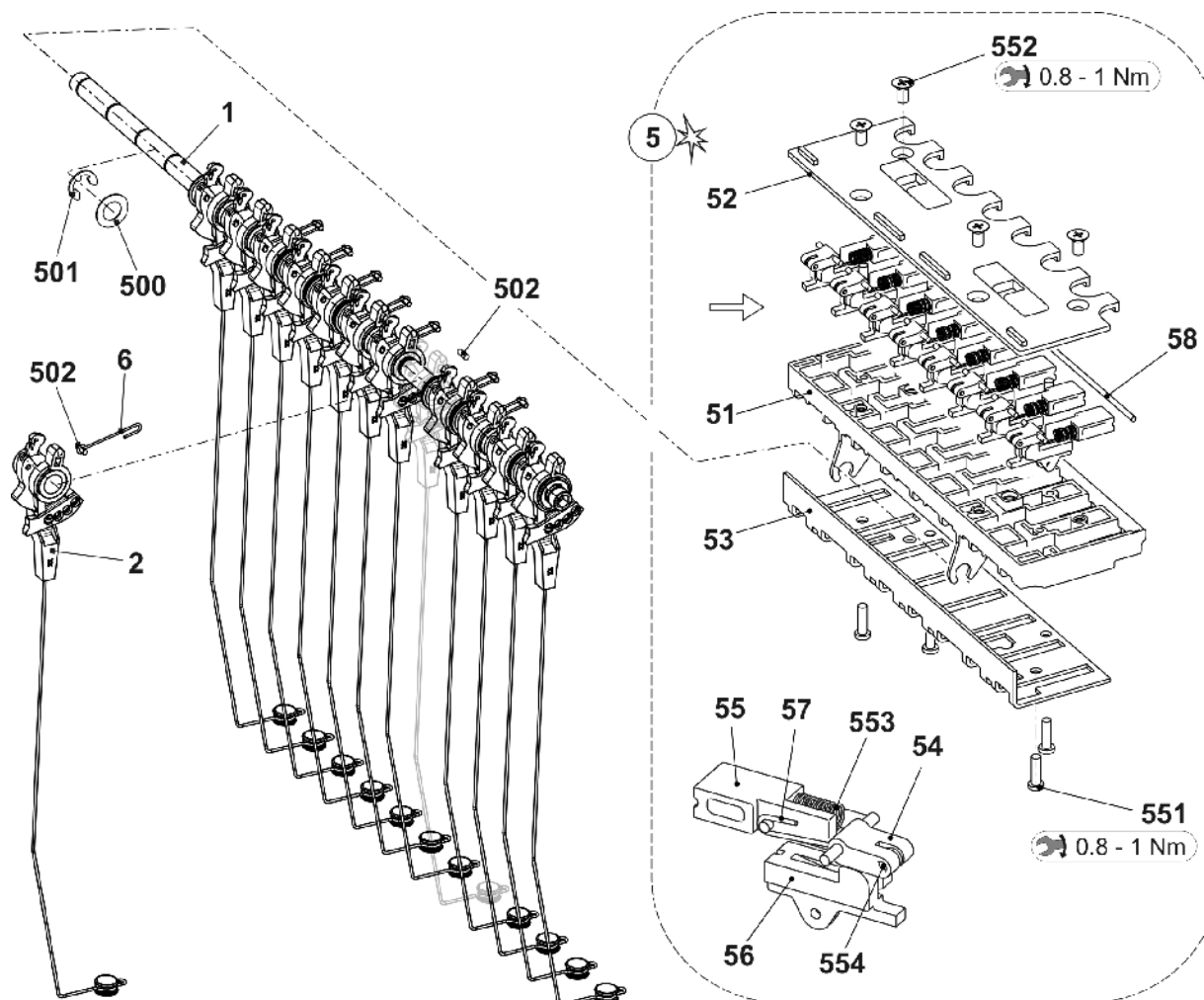
10.4.1 Yarn tensioner on the left E10|E12|E14|E16|E18|E14/12|E6.2(12m.10)|E7.2|E8.2

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



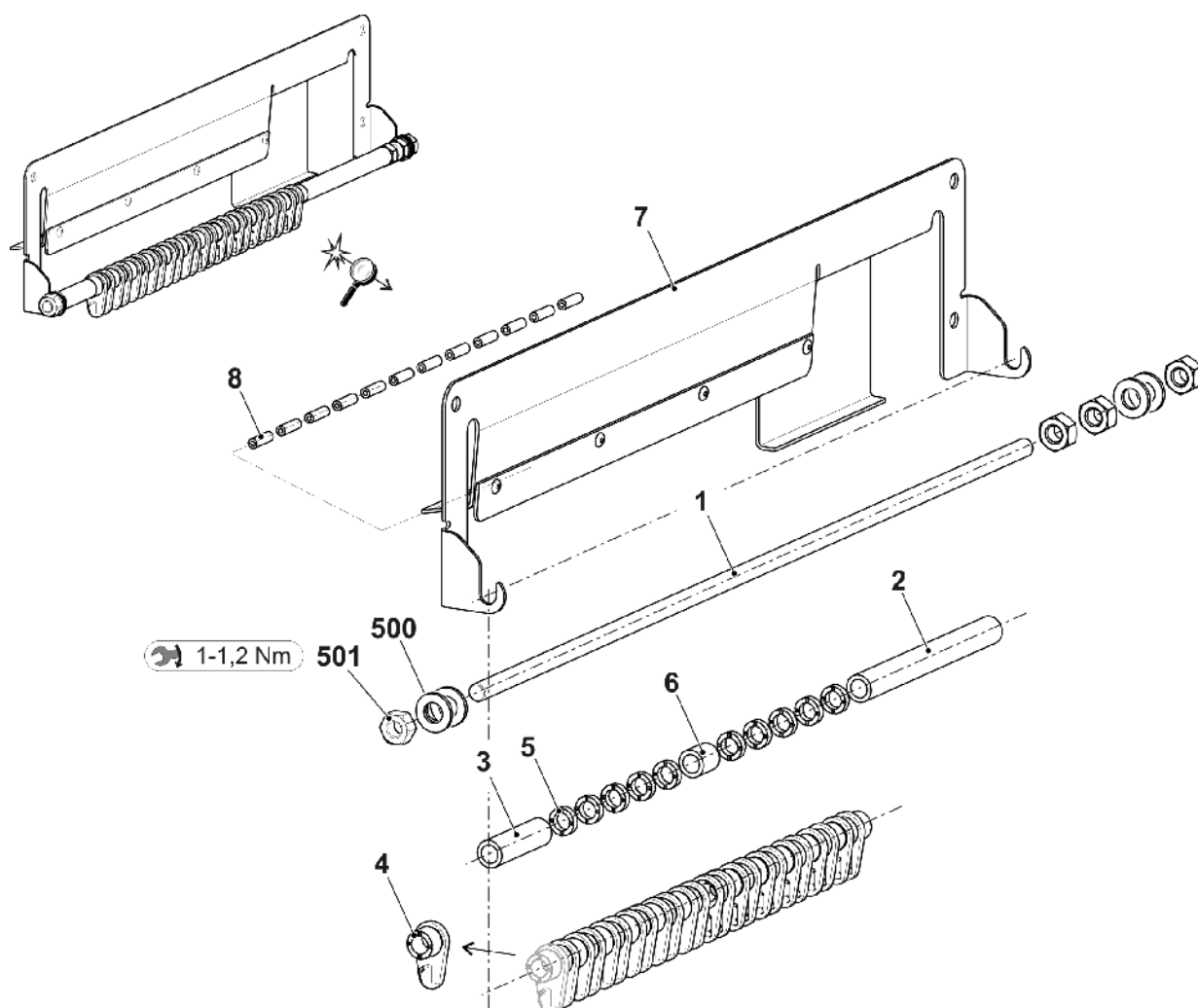
10.4.1.1 Tension axle on the left E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

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



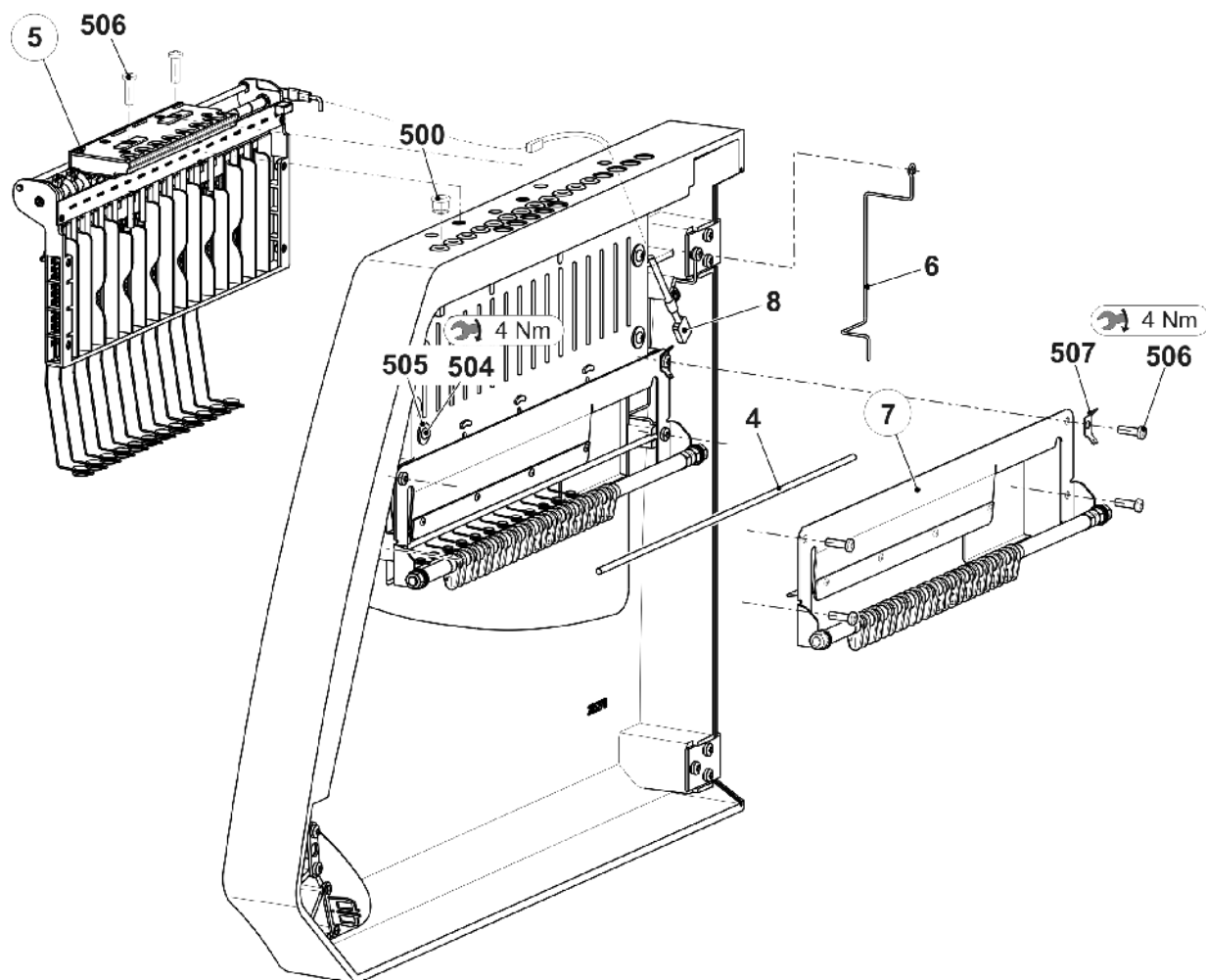
10.4.2 Yarn deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the left complete	265 285	5	Distance bushing	262 445
1	Axle	265 284	6	Distance bushing	264 997
2	Threaded spacer	265 282	7	Stop plate left complete	265 276
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10	262 391	501	Hexagon nut M8-6	261 011



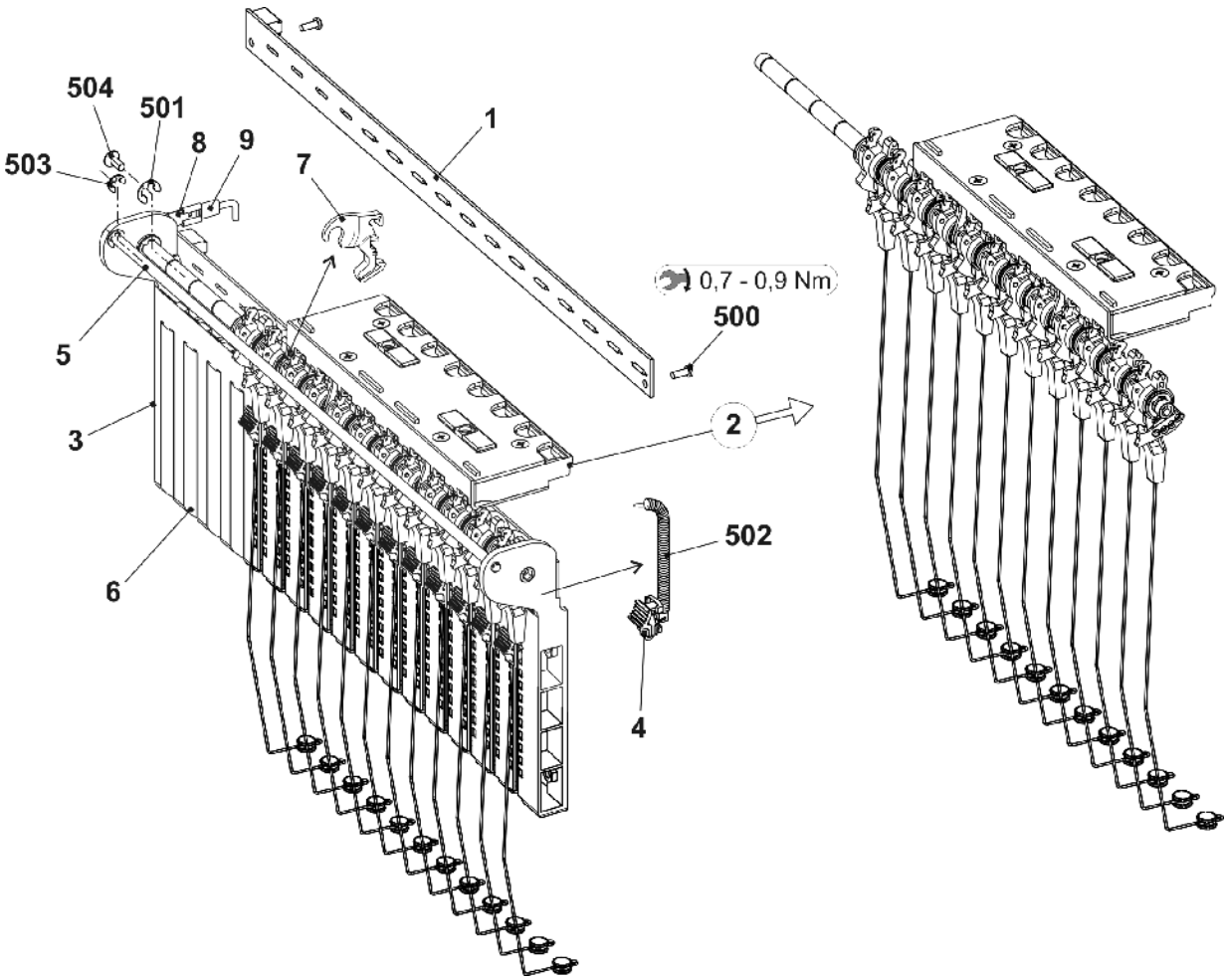
10.5 Left yarn guide E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the left complete E7-8	265 329			
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the left complete E7-8	241 364	504	Pan-head screw M5x16	265 377
6	Wire bow on the left	265 052	505	Washer 5,3x18x1,5	020 909
7	Yarn deflector on the left complete	265 285	506	Screw 6x20	265 379
8	Connection cable yarn tensionerokc	240 808	507	Flat connector 2x45° M6	243 117



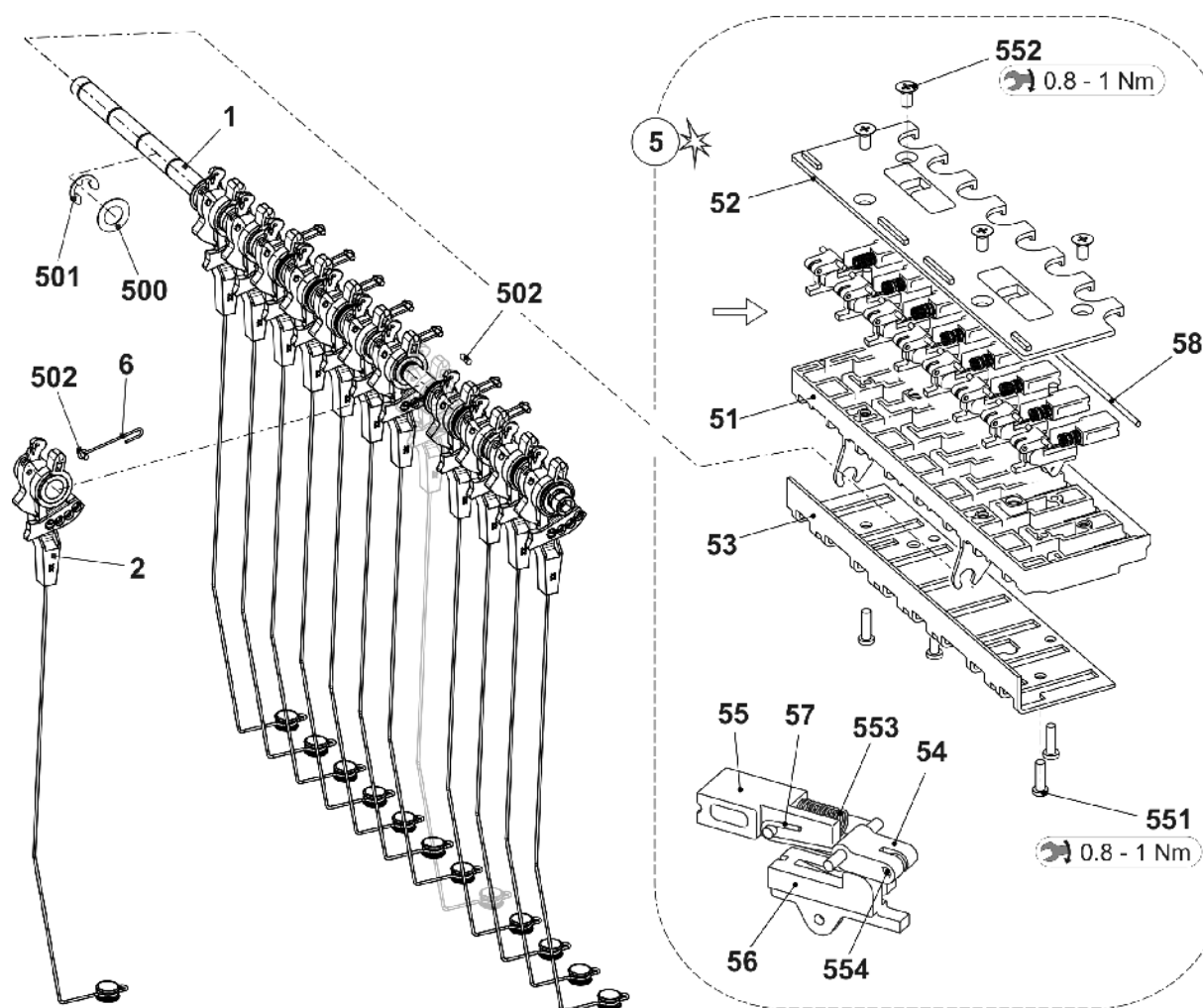
10.5.1 Left yarn tensioner E6.2

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



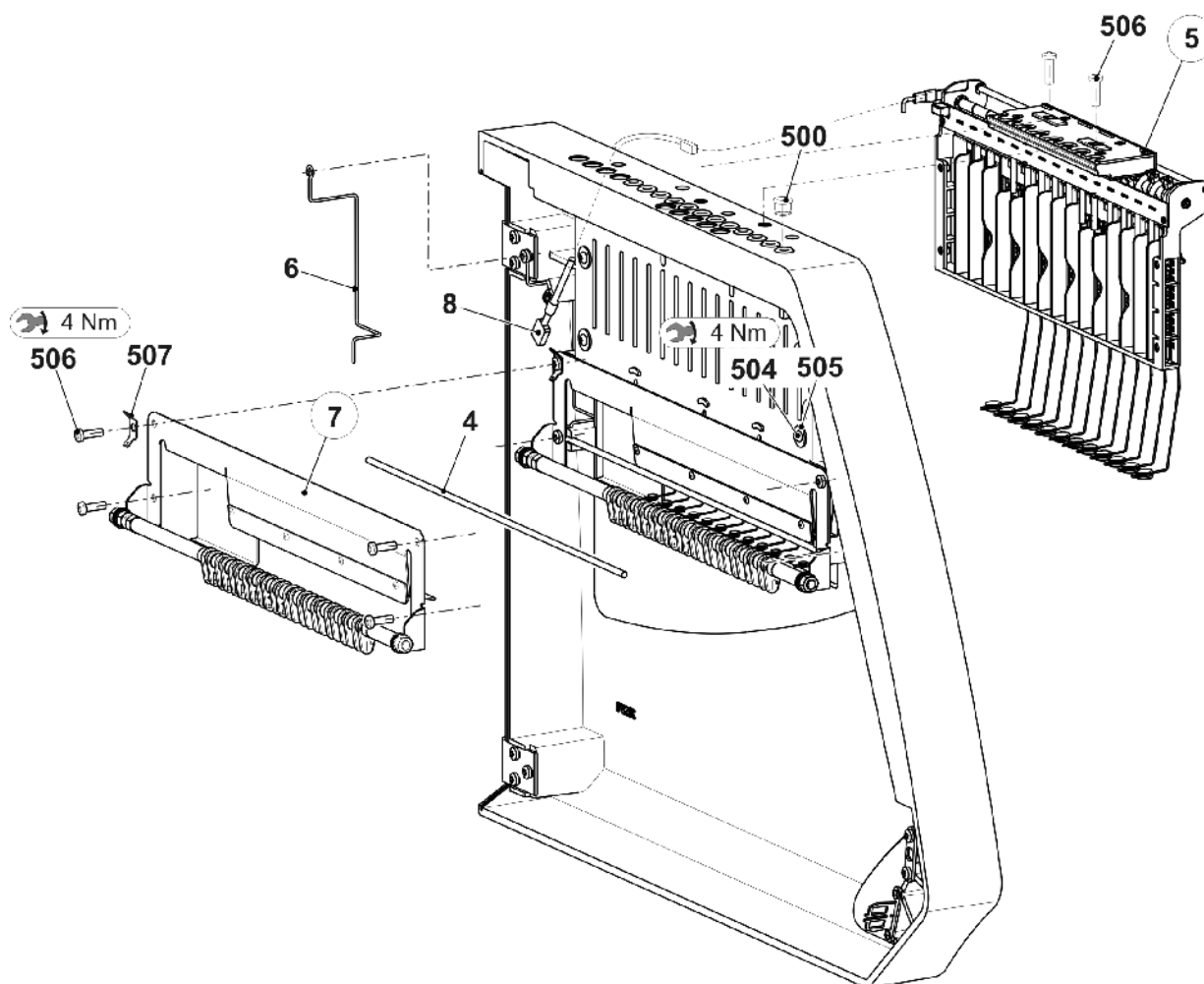
10.5.1.1 Left tension axle E6.2

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



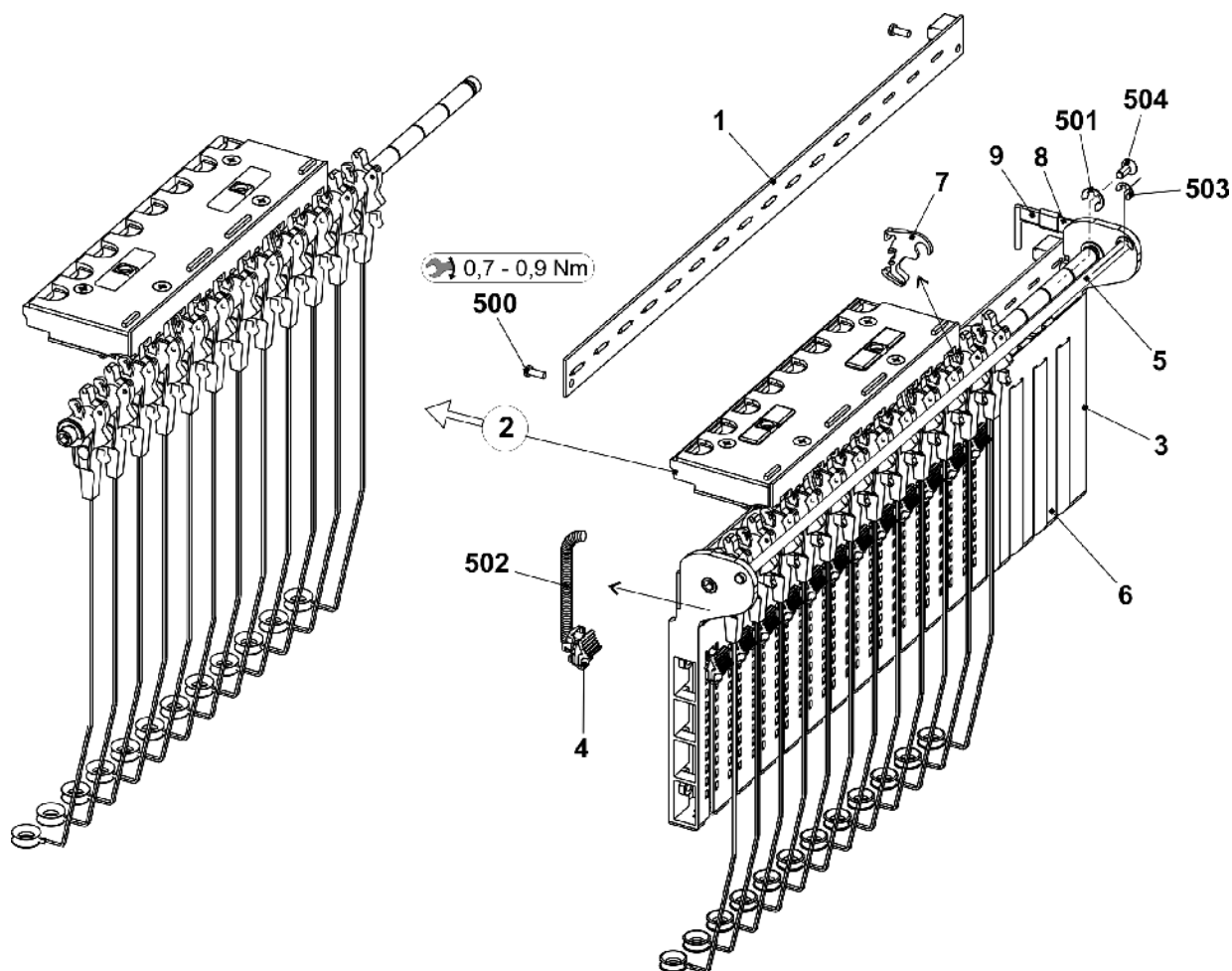
10.6 Right yarn guide E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the right complete E10-18	265 333			
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the right complete E10-18	241 384	504	Pan-head screw M5x16	265 377
6	Wire bow on the right	265 053	505	Washer 5,3x18x1,5	020 909
7	Yarn deflector on the right complete	265 356	506	Screw 6x20	265 379
8	Connection cable yarn tensionerokc	240 808	507	Flat connector 2x45° M6	243 117



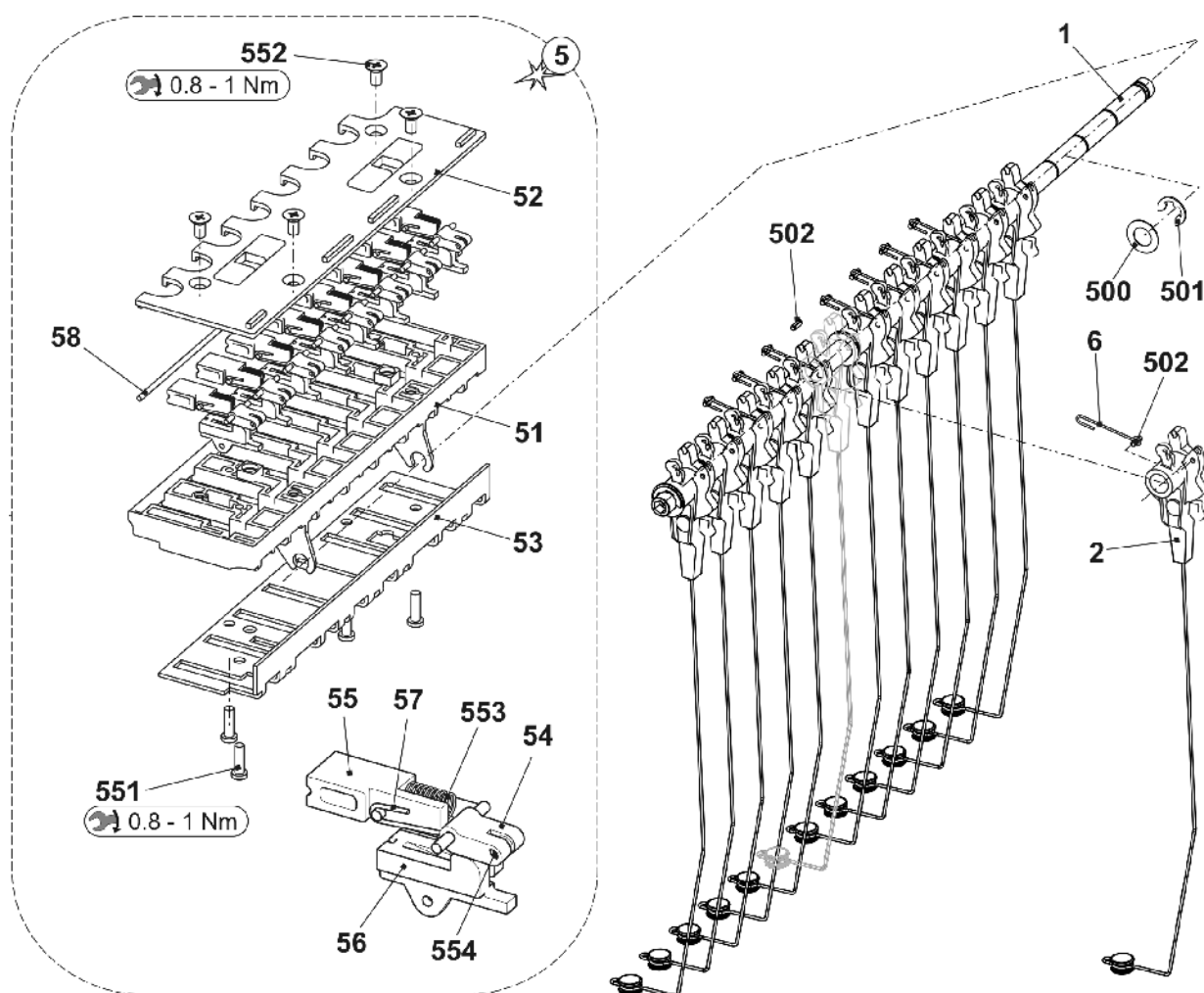
10.6.1 Yarn tensioner on the right E10|E12|E14|E16|E18|E14/12|E6.2(12m.10)|E7.2|E8.2

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



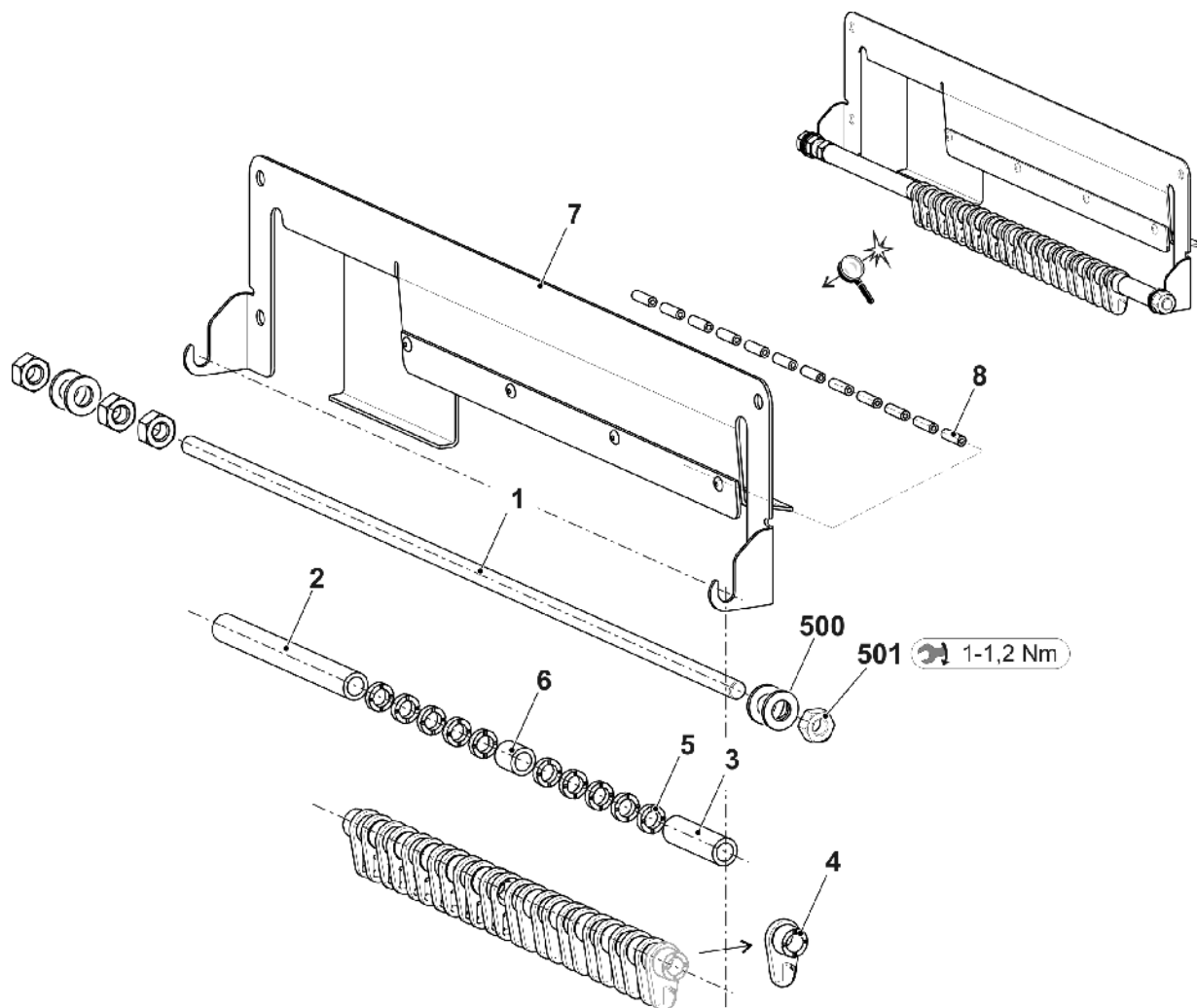
10.6.1.1 Tension axle on the right E10 | E12 | E14 | E16 | E18 | E14/12 | E6.2(12m.10) | E7.2 | E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Tension axle on the right complete E10-18	241 380	53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	54	Lever AKF	238 692
2	Tension arm pre-assembled	258 459	55	Pressure piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0,5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
502	Grooved pin 2x6	243 172	551	Screw KB 35x12	237 681
Σ 5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	Housing AKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172



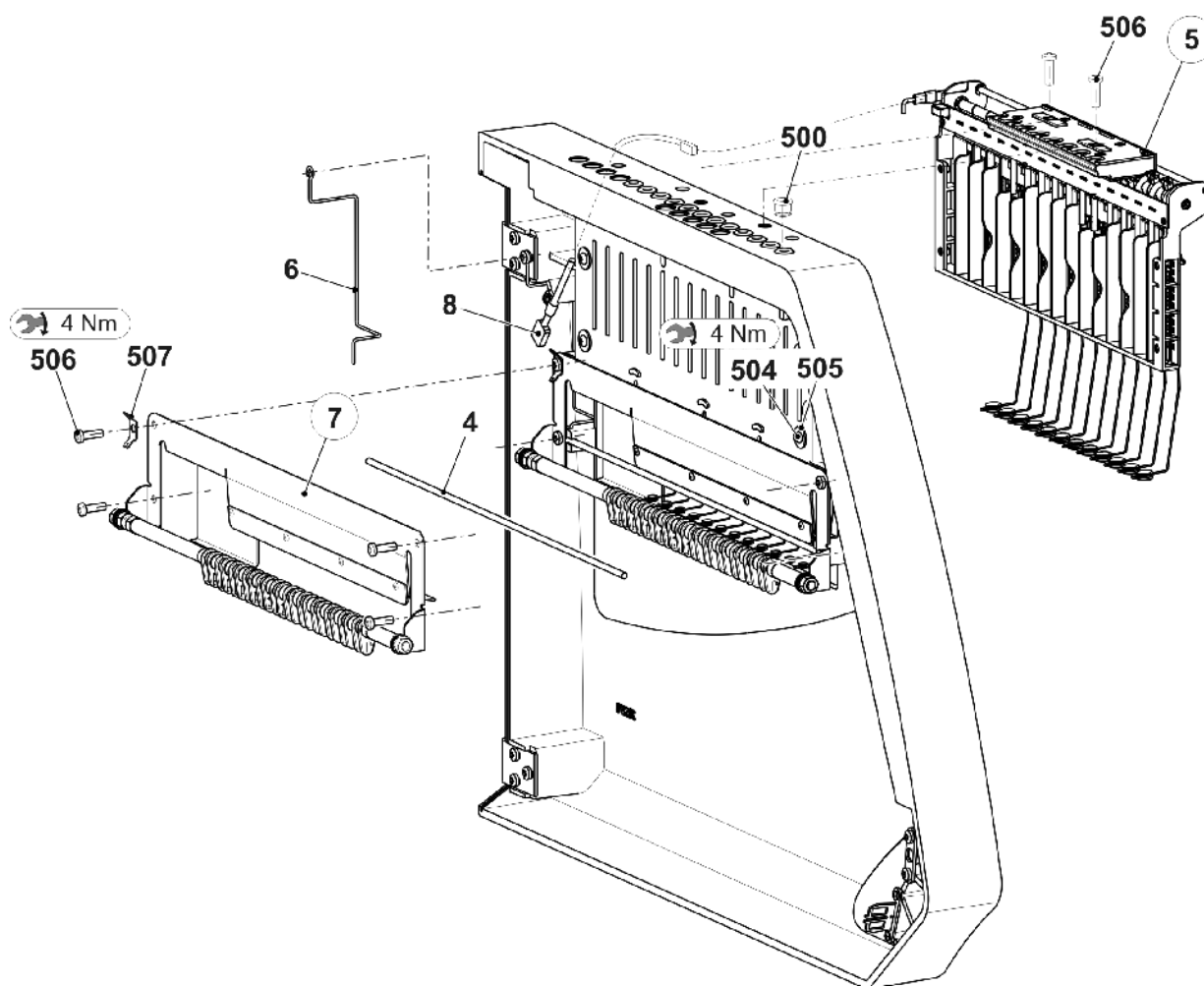
10.6.2 Yarn deflector on the right complete

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the right complete	265 356			
1	Axle	265 284	6	Distance bushing	264 997
2	Threaded spacer	265 282	7	Stop plate right complete	265 277
3	Threaded spacer	265 283	8	Stop sleeve	266 433
4	Yarn Carriers MH10	262 391	500	Washer 8	022 854
5	Distance bushing	262 445	501	Hexagon nut M8-6	261 011



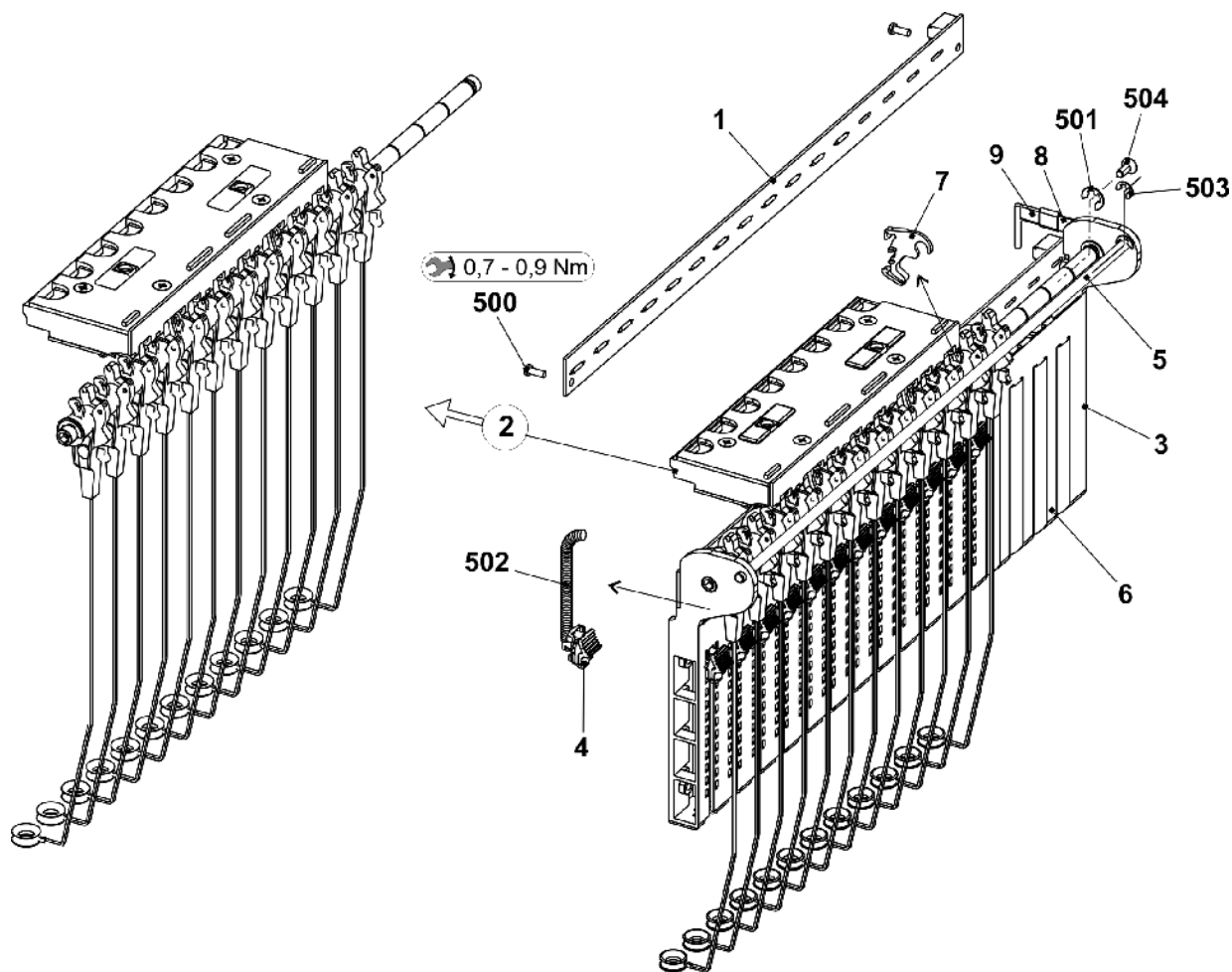
10.7 Right yarn guide E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety door on the right complete E7-8	265 332			
4	Shaft	241 318	500	Ceramic eyelet	240 640
5	Yarn tensioner on the right complete E7-8	241 383	504	Pan head screw M5x16	265 377
6	Wire bow on the right	265 053	505	Washer 5,3x18x1,5	020 909
7	Yarn deflector on the right complete	265 356	506	Screw 6x20	265 379
8	Connection cable yarn tensioner okc	240 808	507	Flat connector 2x45° M6	243 117



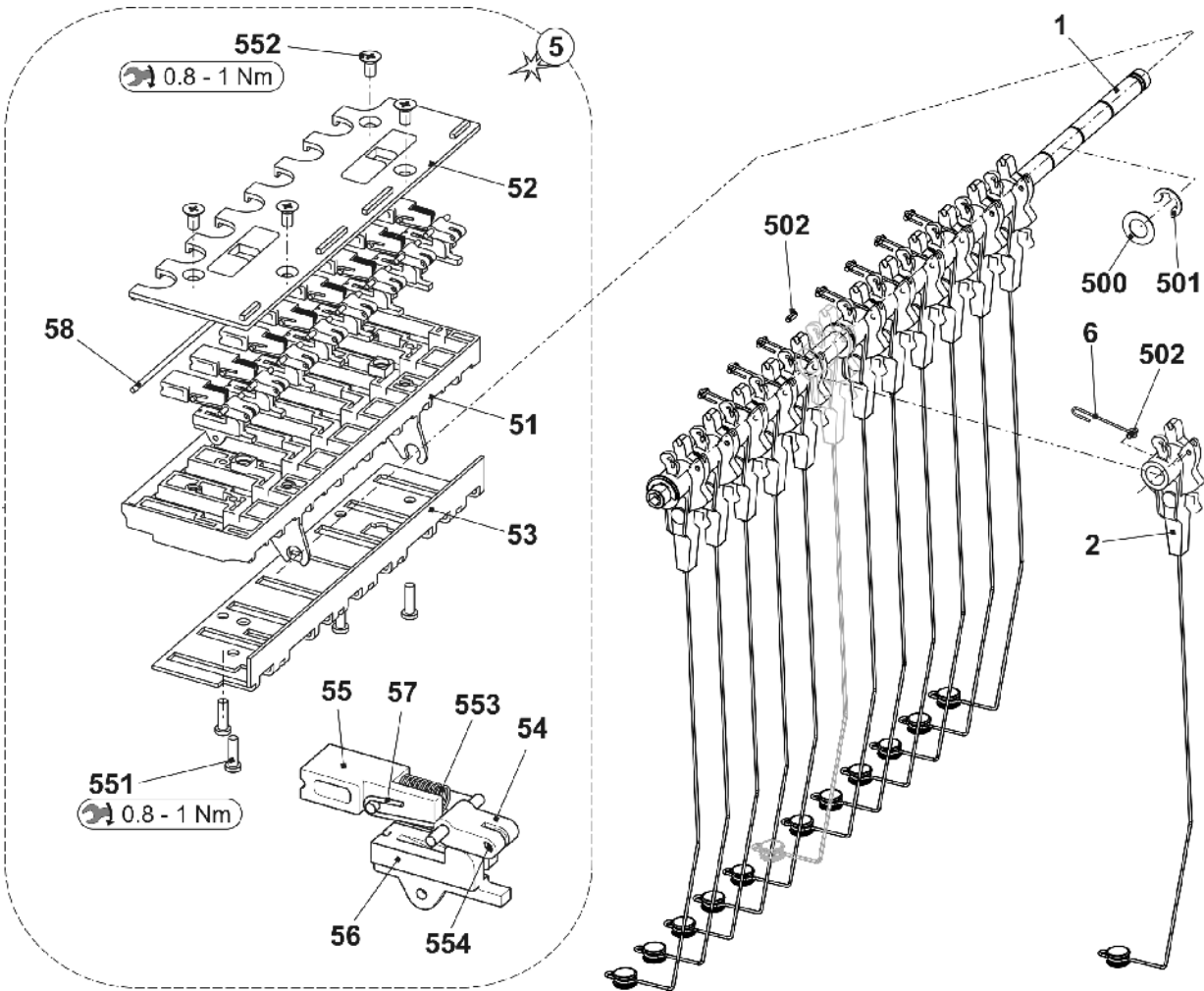
10.7.1 Right yarn tensioners E6.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn tensioner on the right complete E7-8	241 383			
1	Card yarn tensioner 16-fold on the right	241 346	8	Grounding plate of tension axle	243 121
2	Tension axle on the right completeE3-8	241 379	9	Ground cable yarn tensioner okc	243 105
3	Housing	241 367	500	Screw KB 30x8	236 228
4	Slider	241 694	501	Circlip	021 022
5	Stop point	241 368	502	Tension spring 4,9x0,5x53	023 503
6	Border	242 268	503	Circlip	021 020
7	Spacer	242 048	504	Countersunk screw M4x10	241 914



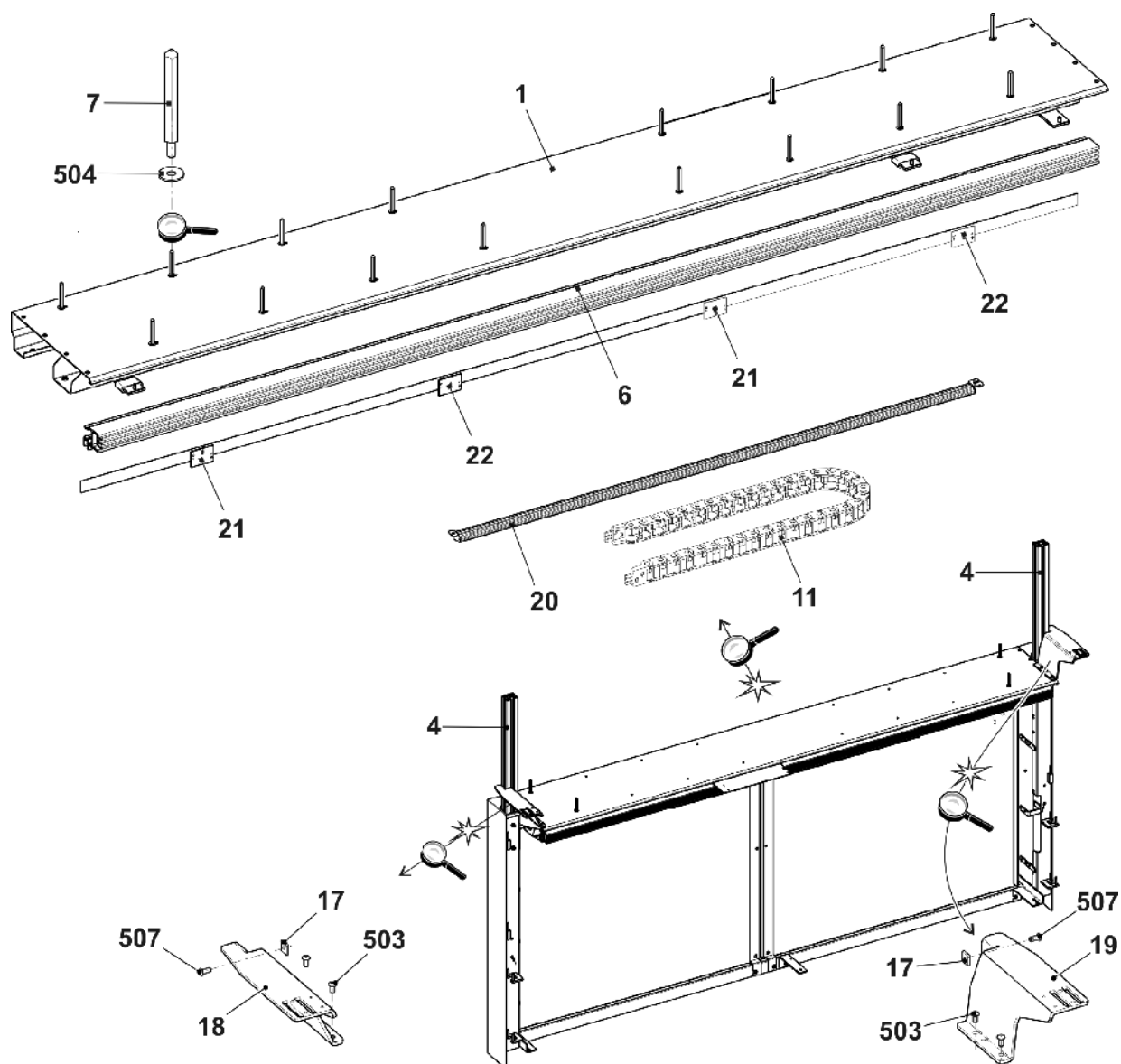
10.7.1.1
Right tension axle E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Tension axle on the right completeE3-8	241 379	53	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	243 107	54	Lever AKF	238 692
2	Tension arm pre-assembled E3-8	259 448	55	Pressure piece AKF	238 690
6	Wire bow	238 694	56	SliderAKF	238 691
500	Shim ring 8x14x0,5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
502	Grooved pin 2x6	243 172	551	Screw KB 35x12	237 681
Σ 5	Thread clamp AKF	238 695	552	Screw KB 40x8	236 227
51	HousingAKF	238 689	553	Compression spring 0,30x4,50x18,50	241 437
52	Cover AKF	237 926	554	Grooved pin 2x6	243 172



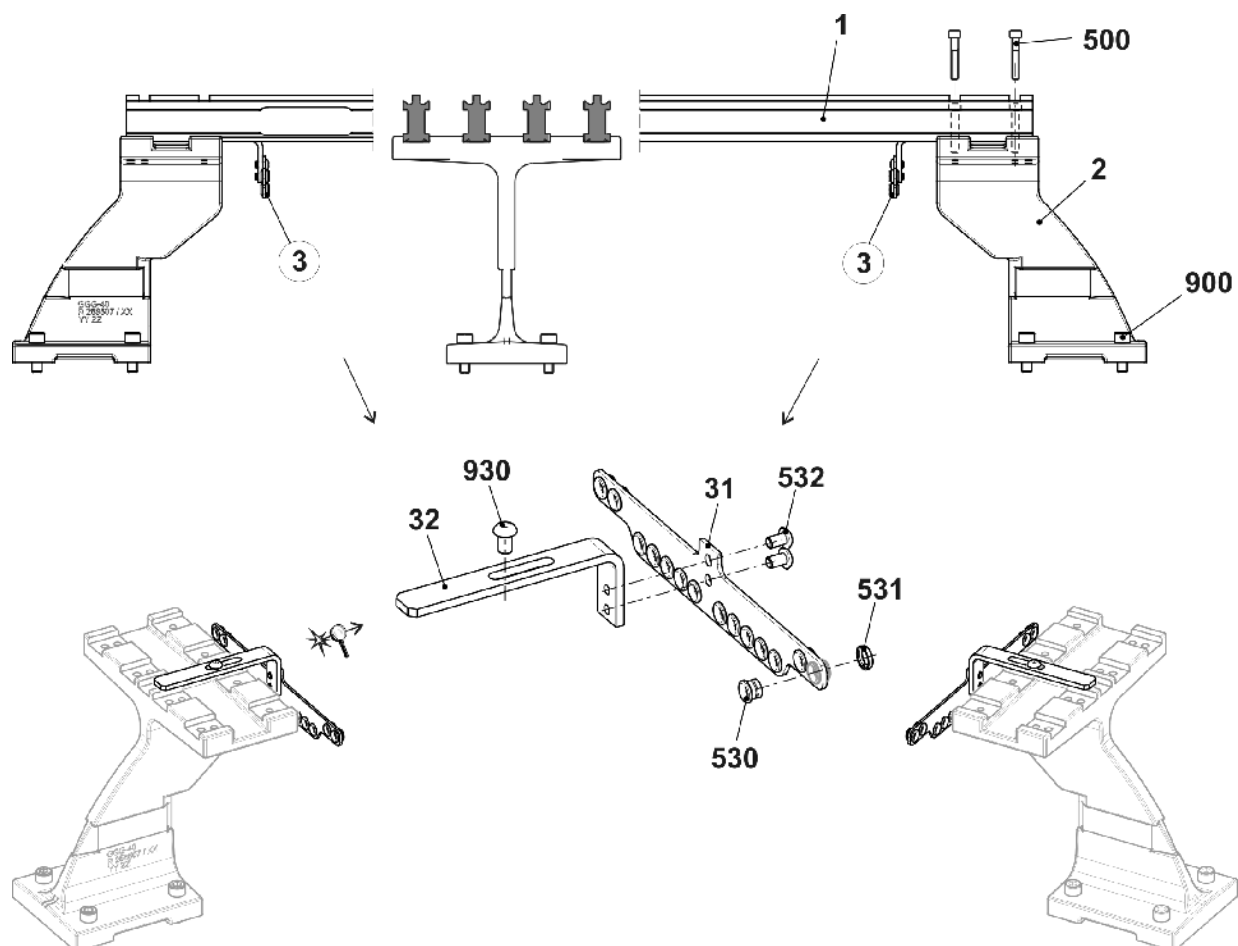
10.8 Bobbin board

Pos	Designation	Id	Pos	Designation	Id
Σ	Table complete50"	265 824			
1	Table	251 244	19	Support of left feed wheel	264 453
4	Support element	228 594	20	Lamp LED complete	264 759
6	Guide rail at the top complete	264 763	21	Card safety door switch outside	264 696
7	Positioning pin	204 819	22	Card safety door switch middle	264 695
11	Energy chain display 38 links	253 888	503	Pan head screw M8x16	023 113
17	Slot nut	228 851	504	Washer 5	020 901
18	Support of right feed wheel	264 454	507	Pan head screw M8x18	251 331



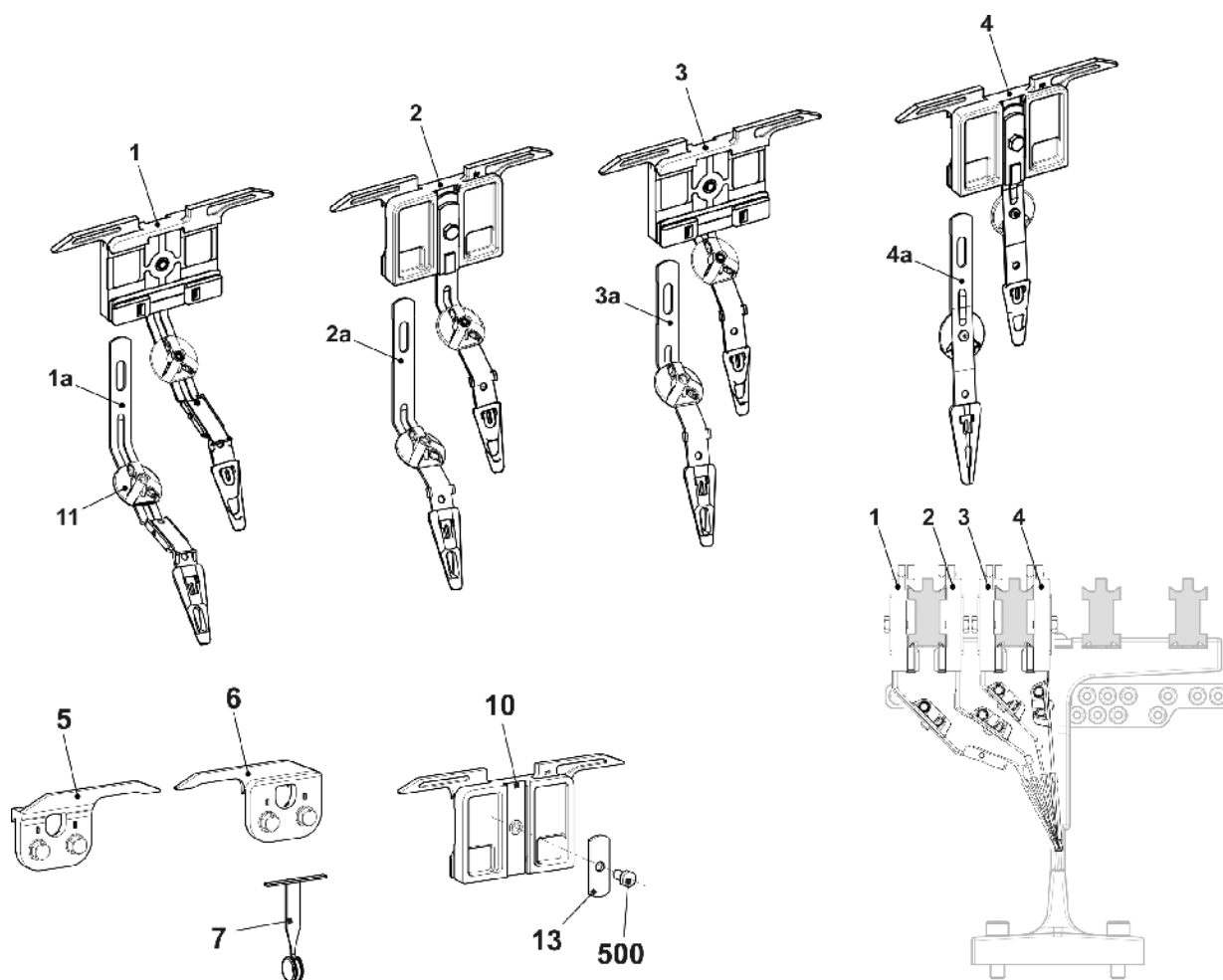
10.9 Bar unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Bar unit	250 971			
1	Yarn carrier rail	255 464	530	Eyelet 4,2	021 502
2	FF support	252 010	531	Clamping ring	259 606
3	Yarn guide bracket complete	265 433	532	Pan-head screw M5x8	239 408
31	Eyelet holder complete	265 434	930	Pan-head screw M6x10	023 183
32	Holding angle	259 574	500	Cap screw M6x35	020 139
			900	Cap screw M8x25	020 142



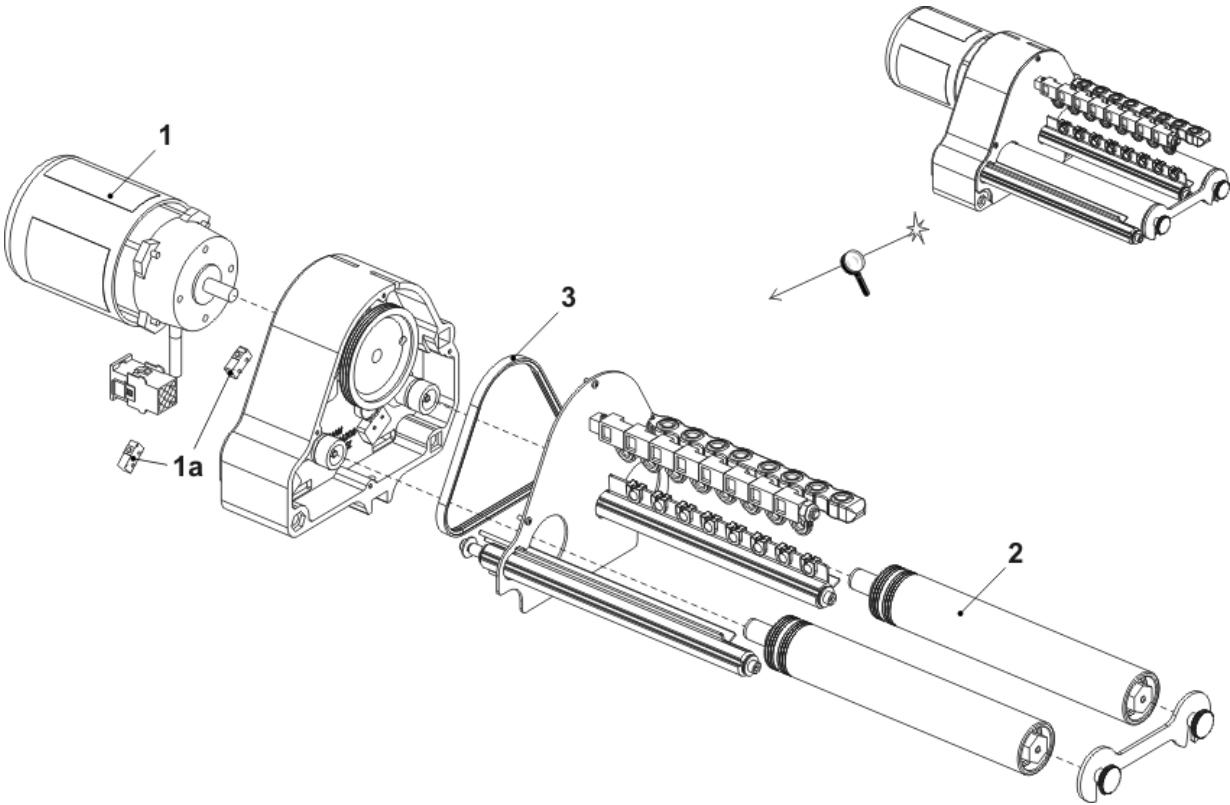
10.10 Yarn guide complete

Pos	Designation	Track	ID	Pos	Designation	ID
E6.2				E6.2		
1	FF carriage complete E7-8	1+8	243 939	1a	FF bow 1+8 complete E7-8	212 892
2	FF carriage complete E7-8	2+7	243 938	2a	FF bow 2+7 complete E7-8	212 914
3	FF carriage complete E7-8	3+6	243 937	3a	FF bow 3+6 complete E7-8	212 925
4	FF carriage complete E7-8	4+5	243 936	4a	FF bow 4+5 complete E7-8	212 910
E10 E12 E14 E6.2(E12M.10) E7.2 E8.2 E14/12				E10 E12 E14 E6.2(E12M.10) E7.2 E8.2 E14/12		
1	FF carriage complete E10-14	1+8	243 943	1a	FF bow 1+8 complete E10-14	212 994
2	FF carriage complete E10-14	2+7	243 942	2a	FF bow 2+7 complete E10-14	212 996
3	FF carriage complete E10-14	3+6	243 941	3a	FF bow 3+6 complete E10-14	212 995
4	FF carriage complete E10-14	4+5	243 940	4a	FF bow 4+5 complete E10-14	212 997
E16 E18				E16 E18		
1	FF carriage complete E16-18	1+8	243 947	1a	FF bow 1+8 complete E16-18	223 199
2	FF carriage complete E16-18	2+7	243 946	2a	FF bow 2+7 complete E16-18	223 201
3	FF carriage complete E16-18	3+6	243 945	3a	FF bow 3+6 complete E16-18	223 200
4	FF carriage complete E16-18	4+5	243 944	4a	FF bow 4+5 complete E16-18	223 202
5	Limiter on the left complete		244 099	11	Yarn guide star complete	209 257
6	Limiter on the right complete		244 098	13	Shim	213 035
7	Slider with eyelet		230 709	500	Hexagon screw M5x10	020 351
10	FF carriage complete		243 062			



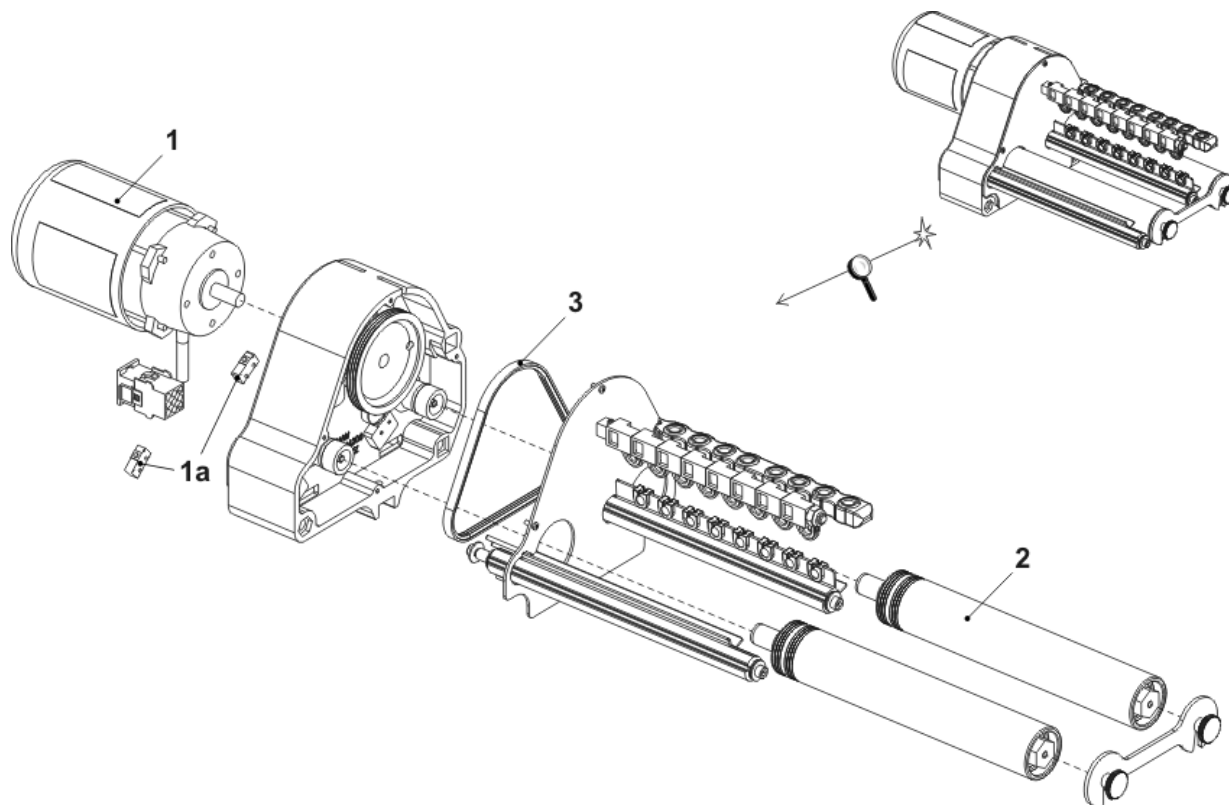
10.11
Left friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the left	269 403			
1	Three-phase AC motor complete	219 800	2	Friction roller complete	269 400
1a	Micro Switches	008 664	3	Ribbed V-belt V3J 406	206 927



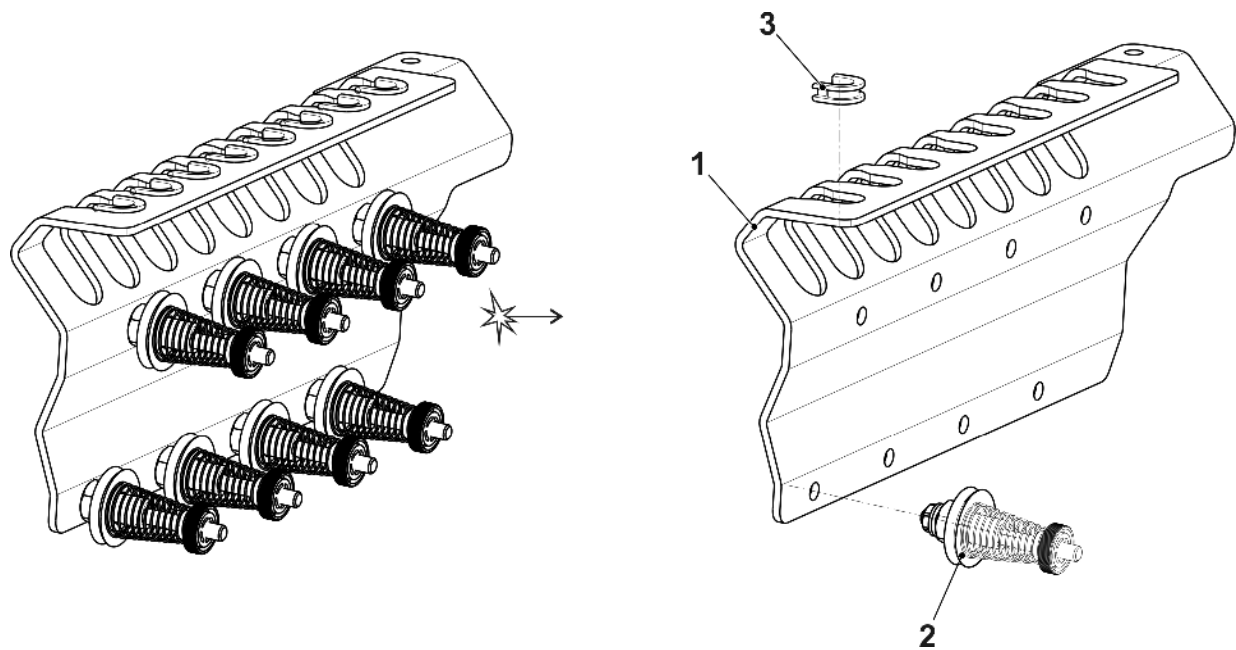
10.12 Right friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the right	269 398			
1	Three-phase AC motor complete	219 800	2	Friction roller complete	269 400
1a	Micro Switches	008 664	3	Ribbed V-belt V3J 406	206 927



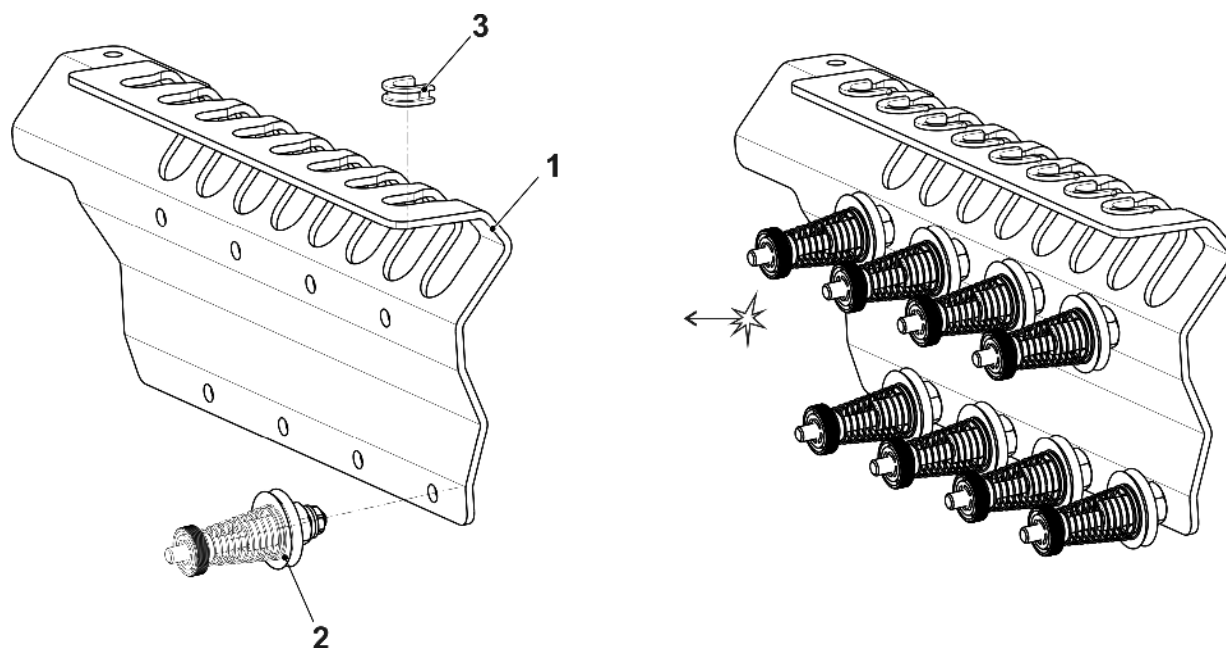
10.13 Stopping device on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Stopping device on the left E10-18	265 289	2	Yarn brake E10-18	259 440
1	Stopping device on the left E10-18	265 287	3	Ceramic eyelet open	240 733



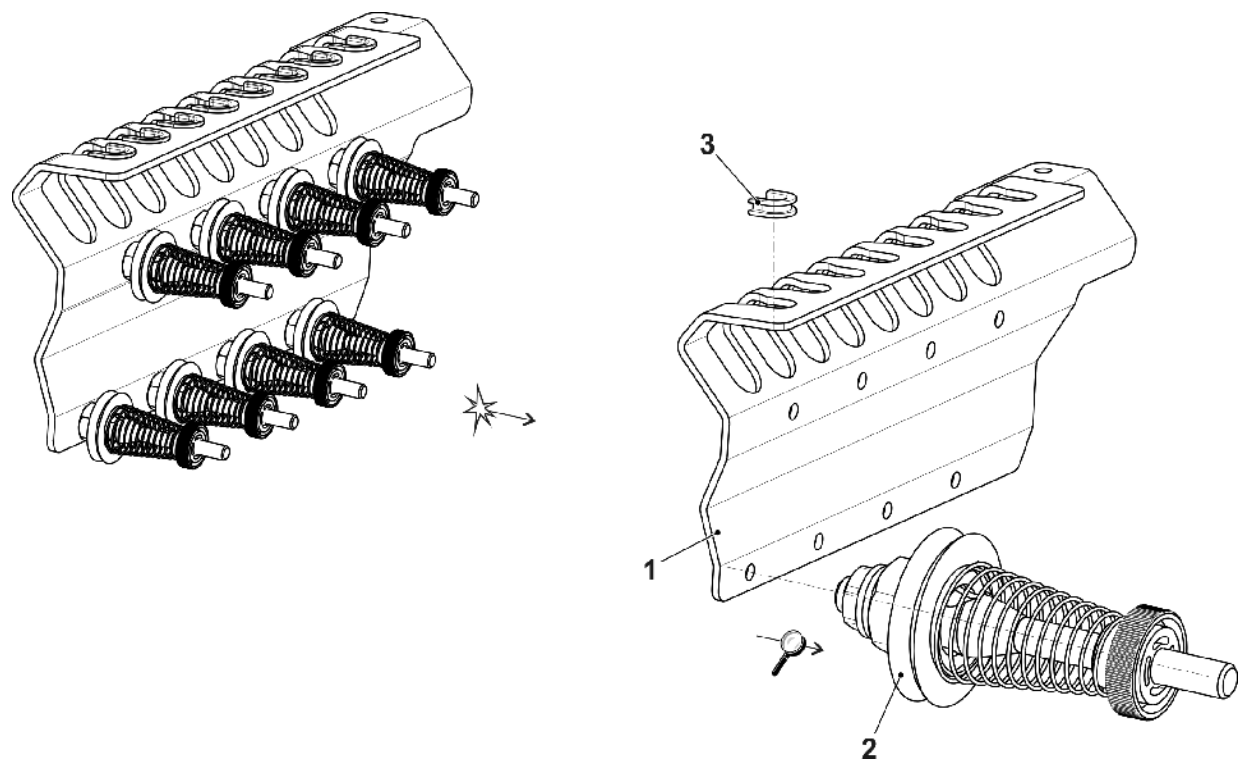
10.14 Stopping device on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Stopping device on the right E10-18	265 288	2	Yarn brake E10-18	259 440
1	Stopping device on the right E10-18	265 286	3	Ceramic eyelet open	240 733



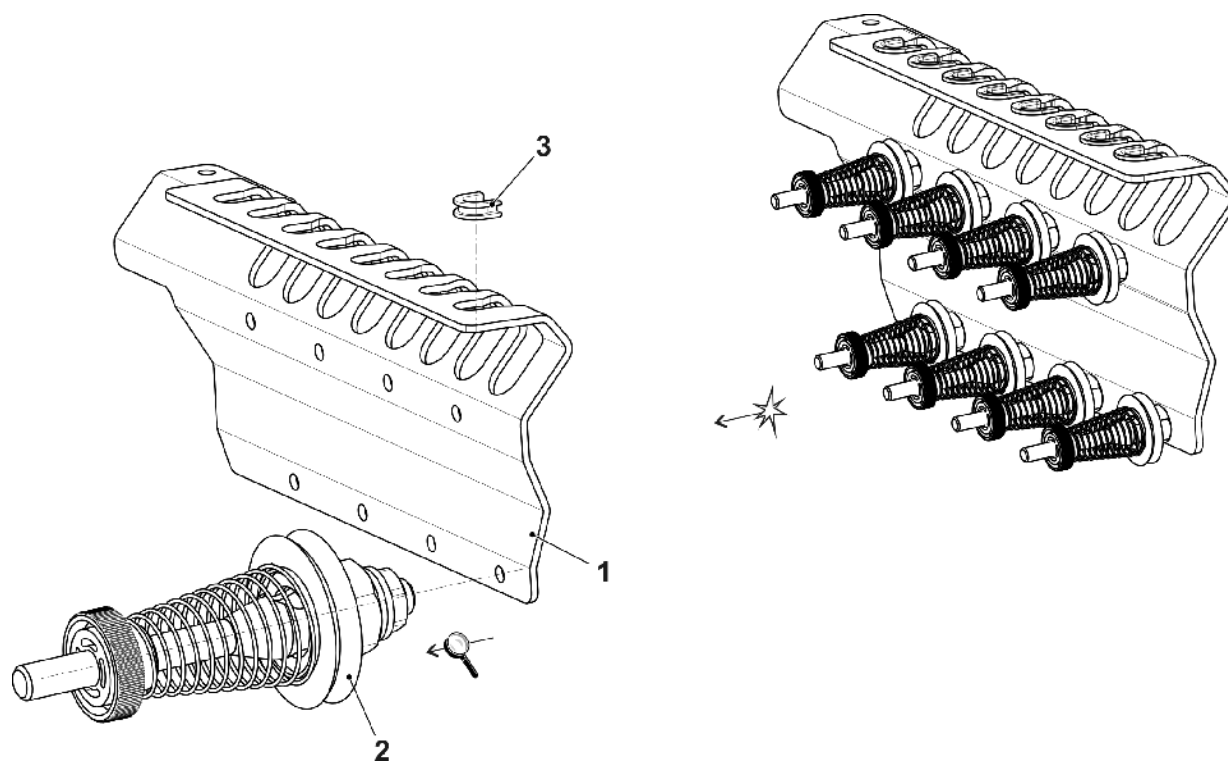
10.15 Stopping device on the left E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Stopping device on the left E3-8	265 055	2	Yarn brake E5-8	264 353
1	Stopping device on the left E3-8	264 993	3	Ceramic eyelet open	240 733

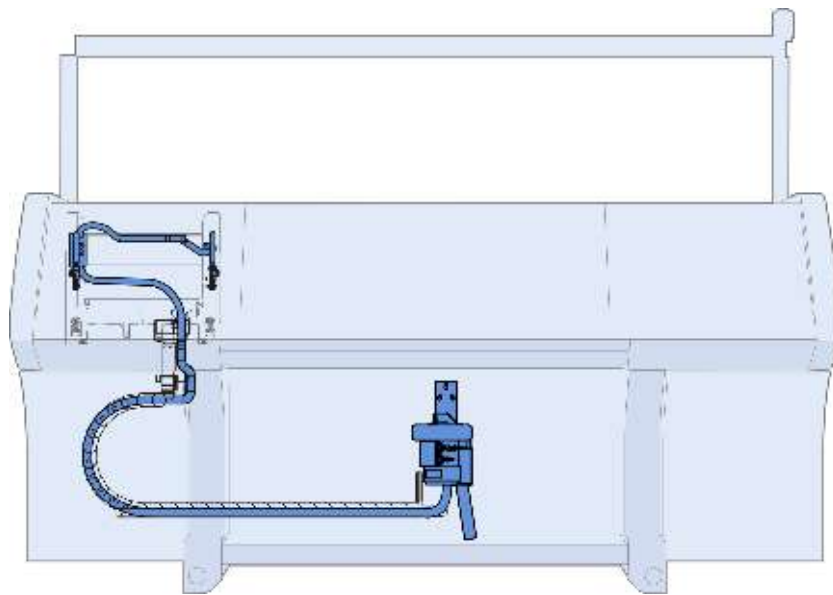


10.16 Stopping device on the right E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Stopping device on the right E3-8	265 054	2	Yarn brake E5-8	264 353
1	Stopping device on the right E3-8	264 992	3	Ceramic eyelet open	240 733

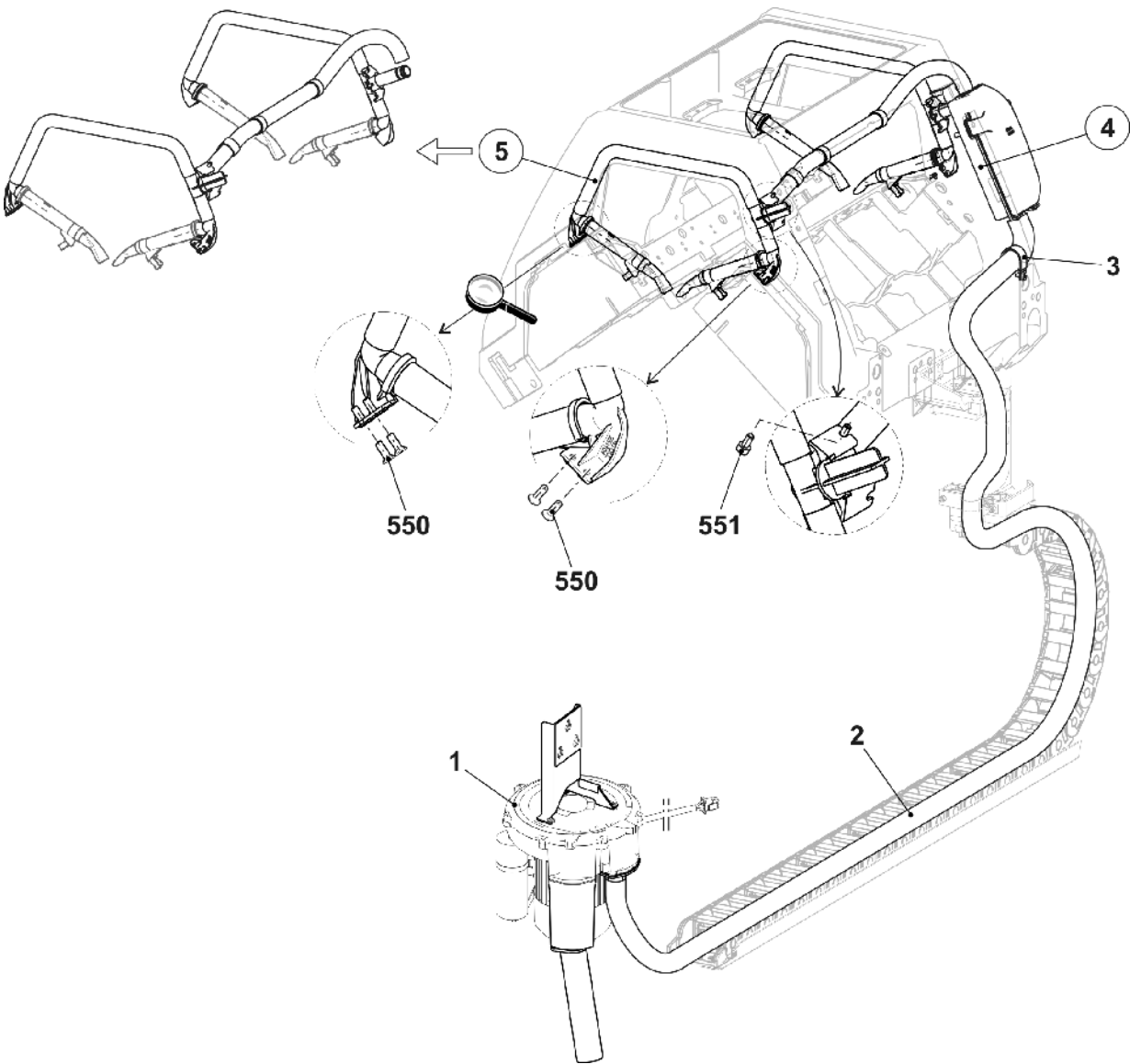


11 Fluff absorption



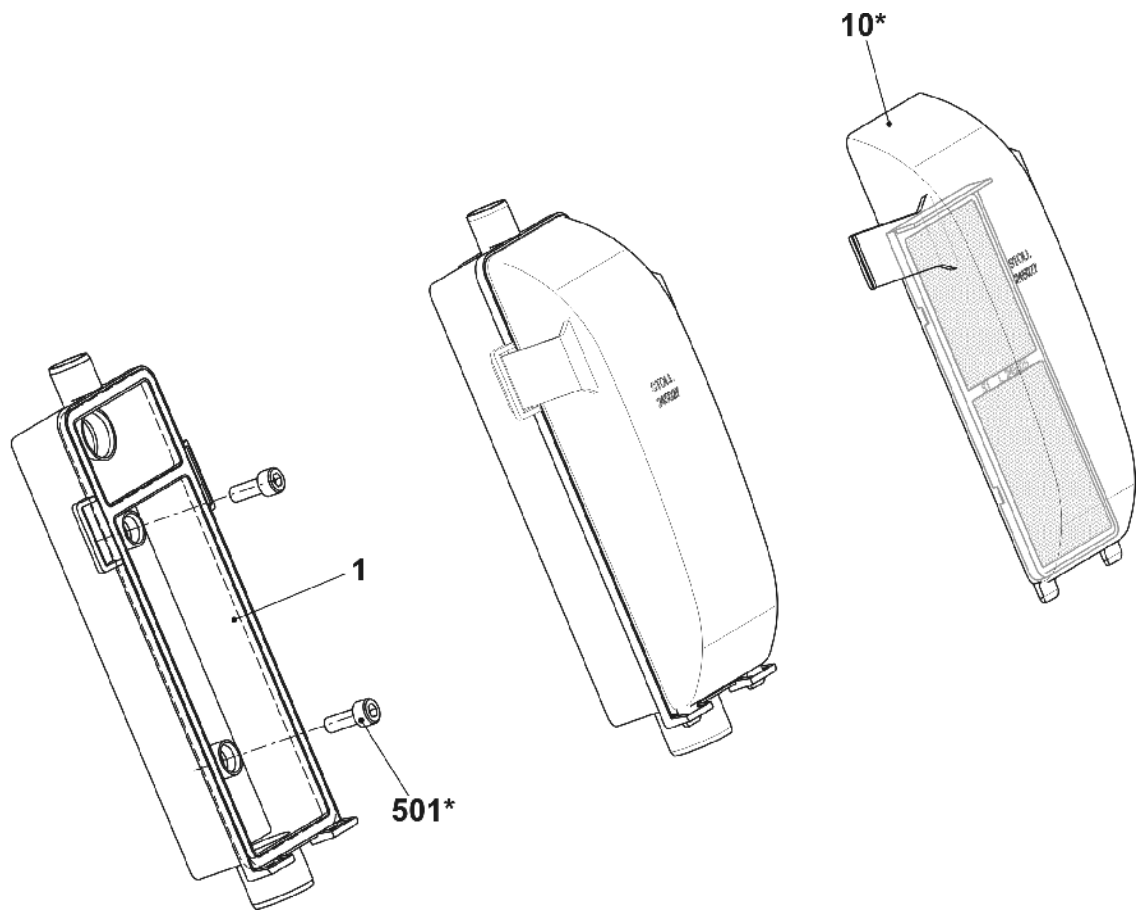
11.1 Fluff absorption

Pos	Designation	ID	Pos	Designation	ID
Σ	Fluff absorption		4	Lint container	245 024
1	Suction fan complete	265 836	5	Set of hose complete	255 067
2	Suction hose 29x25x2800	252 627	550	Countersunk head screw M4x12	023 062
3	Cable clip	250 051	551	Cap screw M4x8	022 501



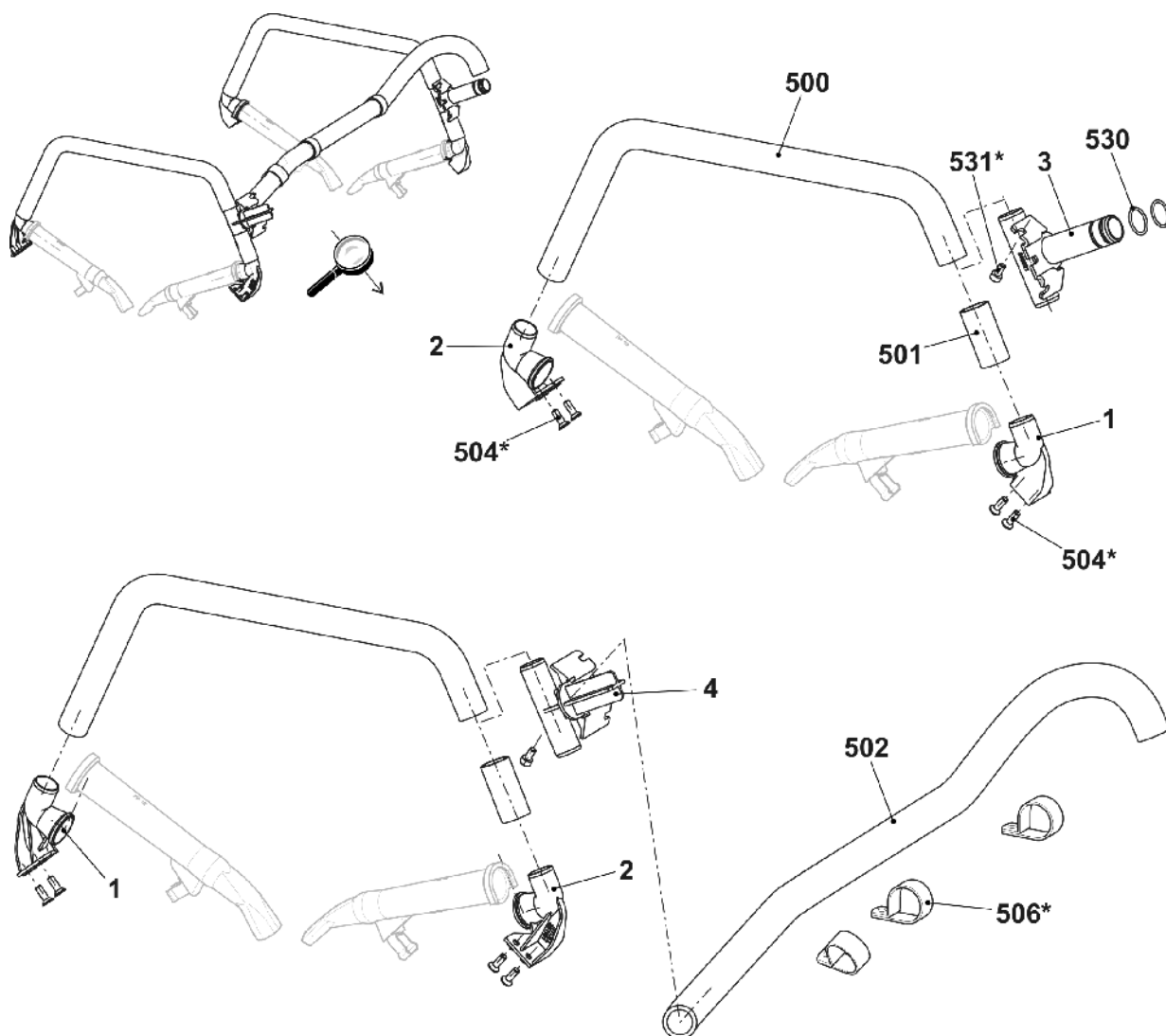
11.1.1 Lint container

Pos	Designation	Id	Pos	Designation	Id
Σ	Lint container				
1	Lint container	245 024	501*	Cap screw M6x10	023 690
10*	Cover with filter	251 335			



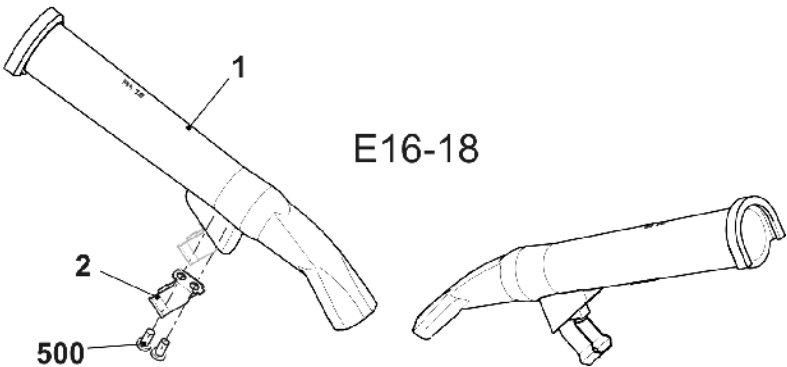
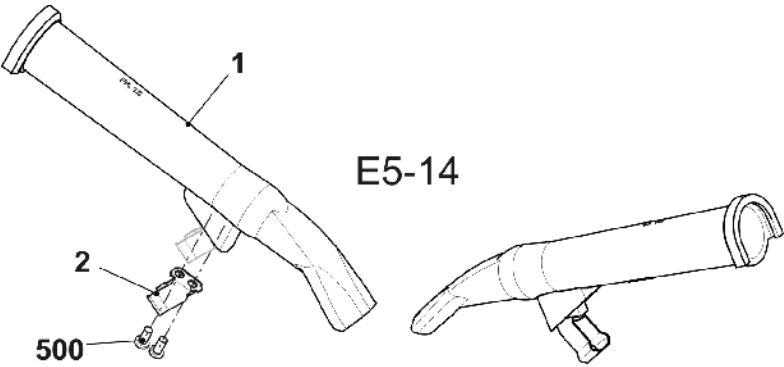
11.1.2 Set of hose

Pos	Designation	ID	Pos	Designation	ID
Σ	Set of hose complete 530/520C	255 067	4	Connection piece Flent	245 022
1	Angle connection on the right	250 121	500	Suction hose 20x16x400	244 983
2	Angle connection on the left	251 101	501	Suction hose 20x16x40	251 043
3	T-piece FLENT	245 021	502	Suction hose 20x16x570	255 085
530	O-ring 15x1,5	250 054	504*	Countersunk head screw M4x12	023 062
531*	Cap screw M4x8	022 501	506*	Cable clip	250 051

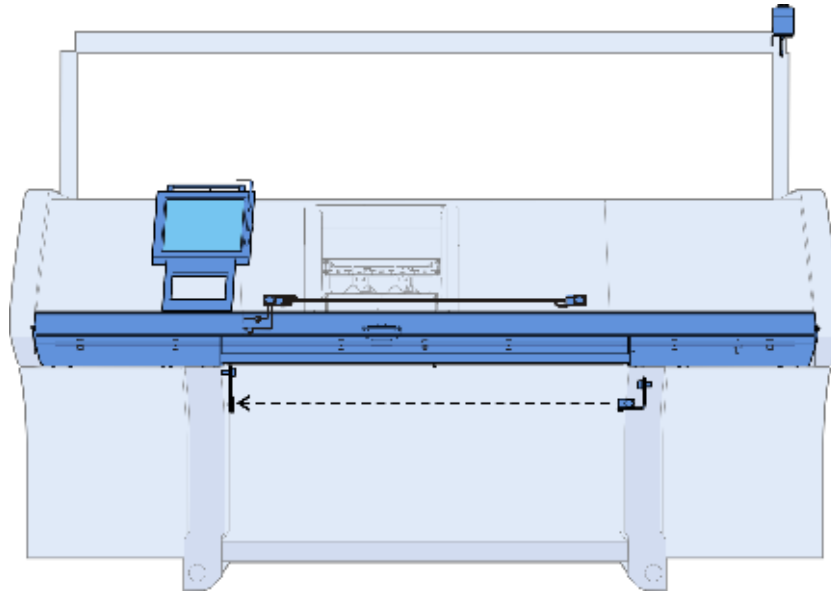


11.1.3 Suction tube

Pos	Designation	ID	Pos	Designation	ID
Σ	Suction tube complete E5-14 E10 E12 E14 E6.2 E7.2 E6.2(12m.10) E14/12	251 310	Σ	Suction tube complete E16-18 E16 E18 E8.2	251 311
1	Suction tube	255 386	1	Suction tube	255 605
2	Bracket	255 627	2	Bracket	255 627
500	Screw KB30x6	241 424	500	Screw KB30x6	241 424

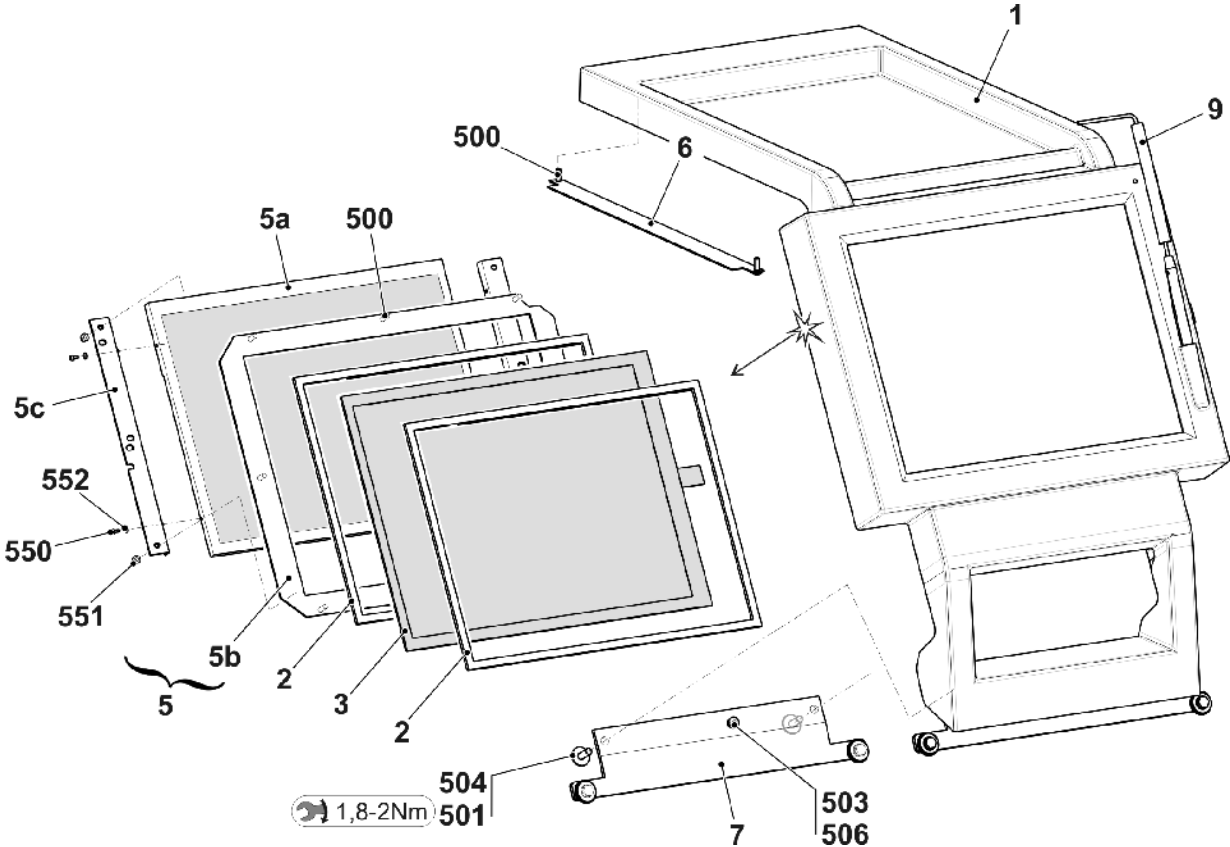


12 Operation and control



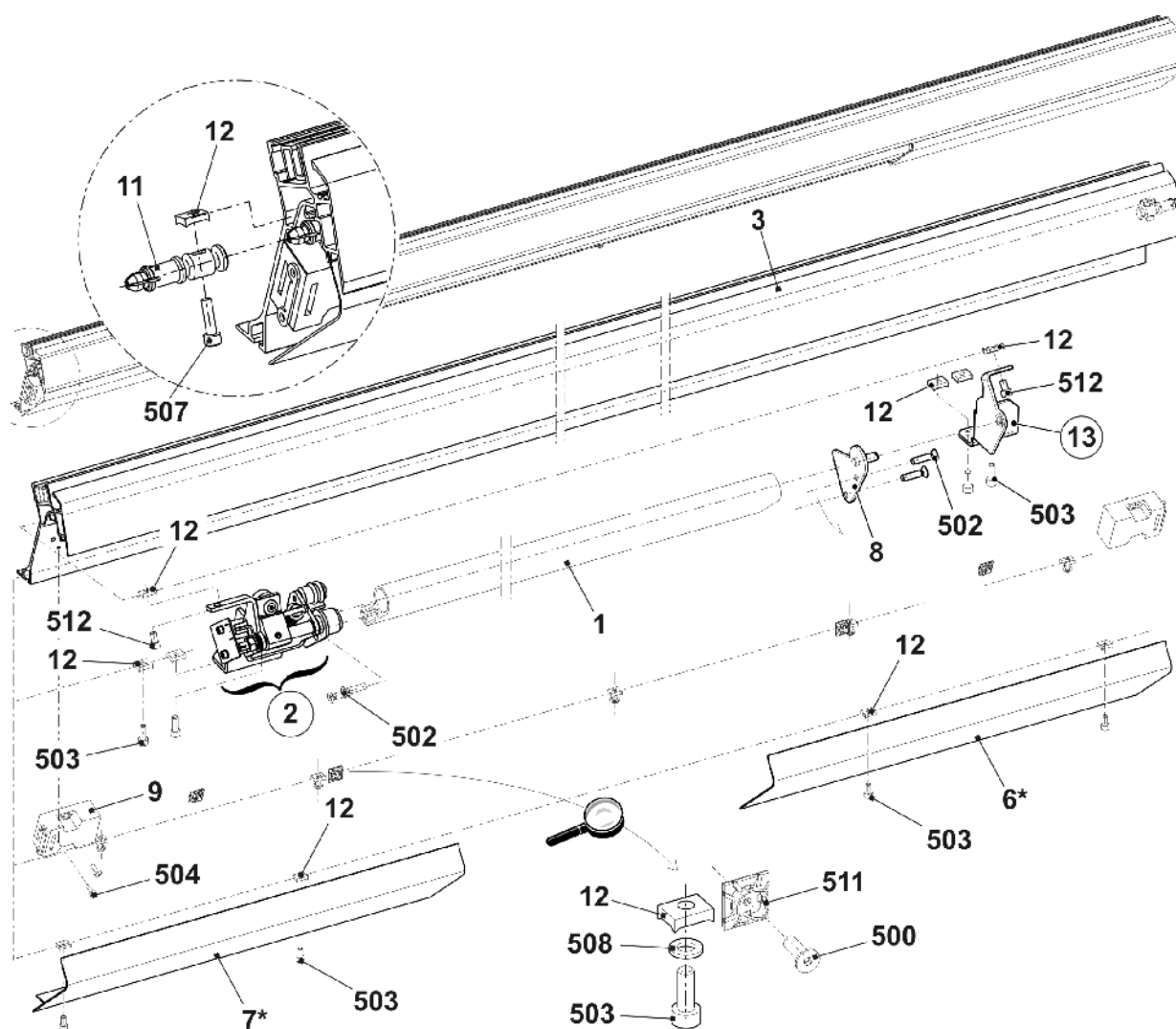
12.1 Input unit

Pos	Designation	Id	Pos	Designation	Id
Σ	Input unit complete	265 822	551	Hexagon nut M3-8	022 884
1	Base frame	266 578	552	Disk2,2x4,6x0,35	023 362
2	Installation set seal 12.1	261 327	6	Cover plate	267 051
3	Input medium Touch 12,1" LCD	263 307	7	Bearing strip complete	267 030
5	Frame complete	266 970	9	Pencil touch	242 812
5a	Display LCD Color 12,1 LED	262 508	500	Screw 35x10	251 729
5b	FrameCMI 12,1"	266 971	503	Pan-head screw M4x6	022 946
5c	Fastening plate	266 972	504	Washer 5	020 901
550	Cap screw M2x4	023 624	506	Serrated lock washer A4,3	022 482



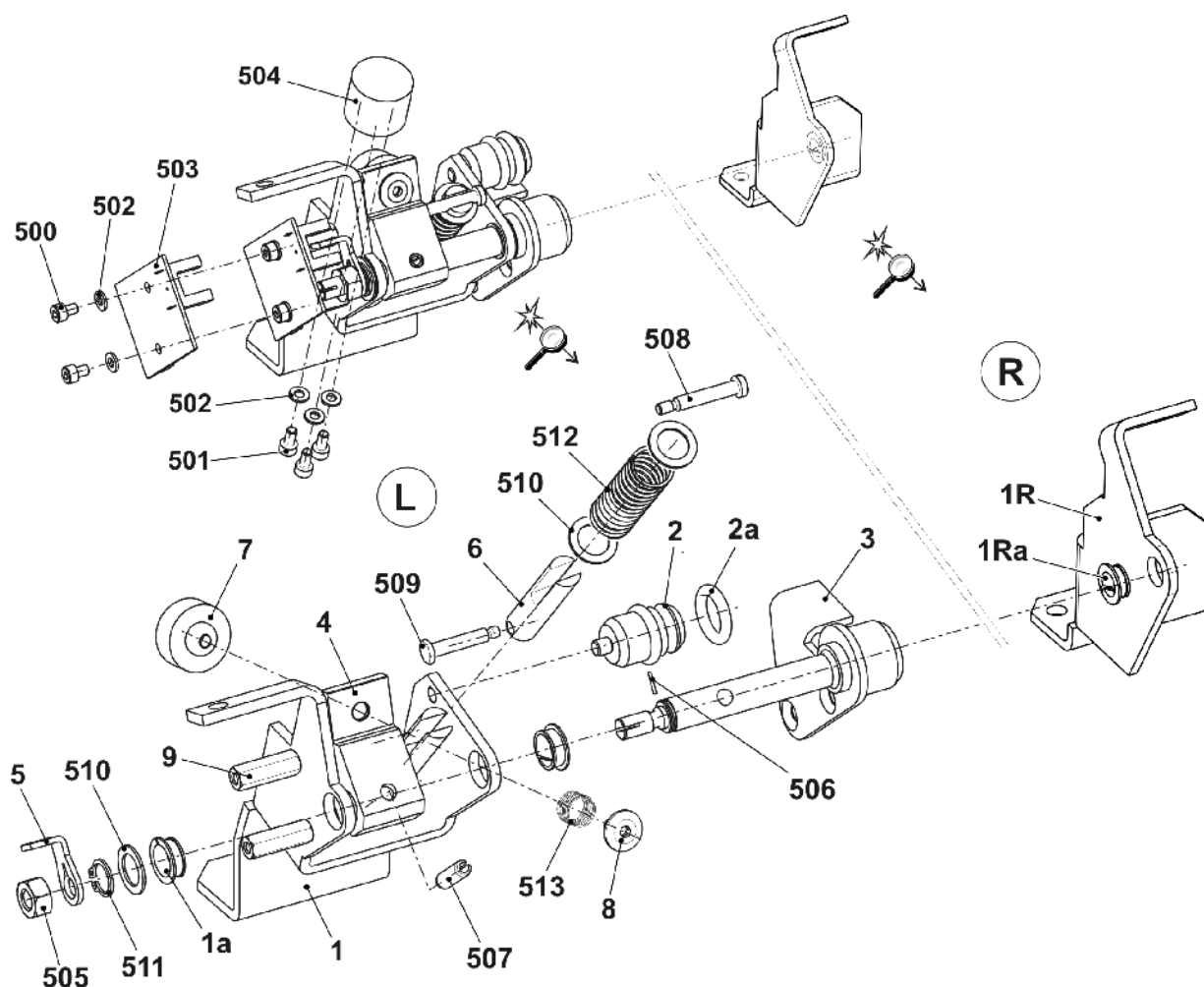
12.2 Starting device

Pos	Designation	Id	Pos	Designation	Id
Σ	Starting device complete	240 306			
1	Engaging Rod	240 227	13	Bearing on the right	264 800
2	Bearing on the left complete	250 071	500	Countersunk screw M3,5x6	262 042
3	Guide rail at the bottom complete	257 309	502	Screw M6x25	023 510
6*	Cover plate on the right	250 931	503	Cap screw M6x16	020 135
7*	Cover plate on the left	250 932	504	Pan head screw M5x14	023 588
8	Bearing on the right complete	265 444	507	Cap screw M6x20	020 136
9	Switch with cable to safety doors	223 350	508	Washer	020 872
11	Locating bolt	219 107	511	Cable holder	262 037
12	Sliding nut (slot nut)	225 099	512	Cap screw M6x10	023 690



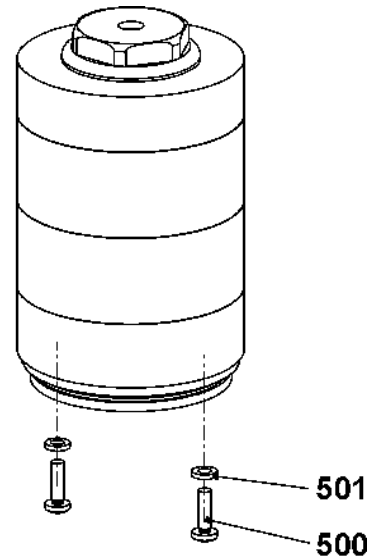
12.2.1 Bearing of the engaging rod

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Bearing on the left complete	250 071	502	Shim ring 4x8x1	023 369
1	Bearing on the left	245 218	503	Card engaging	259 000
1a	Clip bearing MCM 12-04	023 639	504	Adhesive magnet direct current	026 233
2	Support of buffer	220 561	505	Hexagon nut M8-6	020 838
2a	O-ring 14x4	023 237	506	Dowel pin 1,5x8	236 923
3	Shaft on the left	245 219	507	Spring dowel sleeve 6x20	023 719
4	Anchor	253 776	508	Shoulder screw M4x24,8x7,7	240 299
5	Switch flag	245 220	509	Shoulder screw	251 316
6	Spring mandrel	251 340	510	Shim ring 12x18x1	023 315
7	Disk	245 222	511	Retaining ring 12x1	020 951
8	Shoulder screw	254 528	512	Compression spring 1,25x15x98,2	023 609
9	Distance bolt	240 287	513	Compression spring 0,5x11x20,21	265 082
500	Cap screw M4x6	023 067	1R	Bearing on the right	264 800
501	Cap screw M4x8	022 501	1Ra	Clip bearing MCM 08-03	253 072



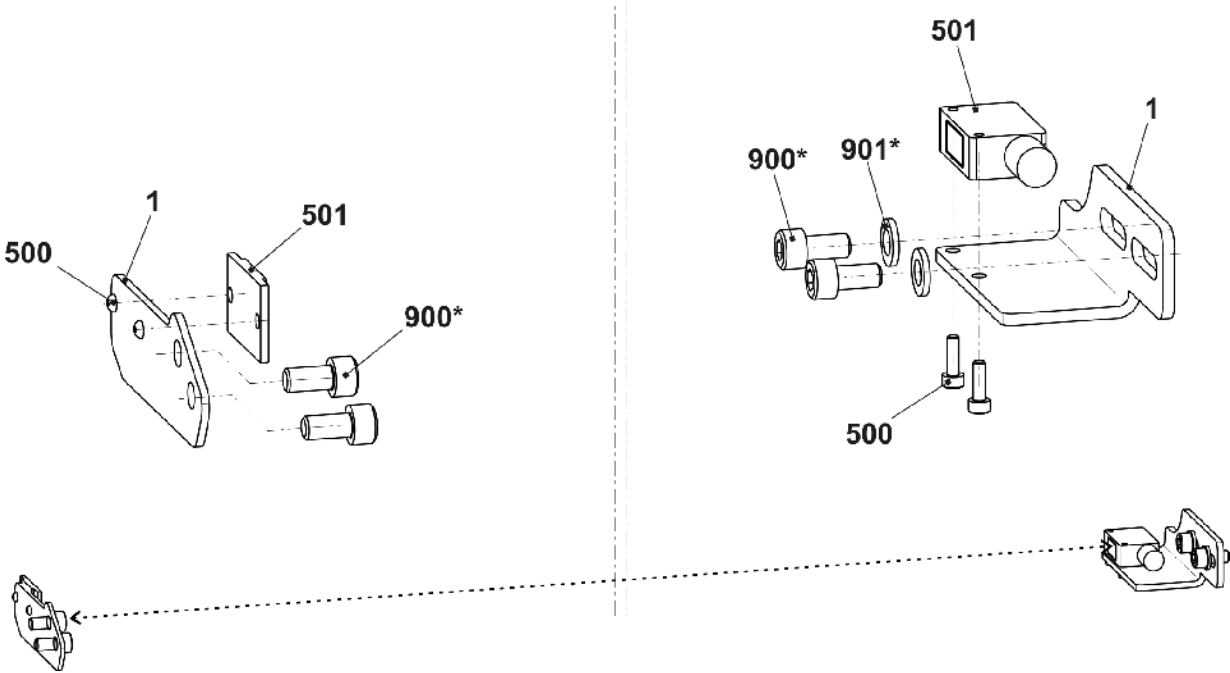
12.3 Signal light

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



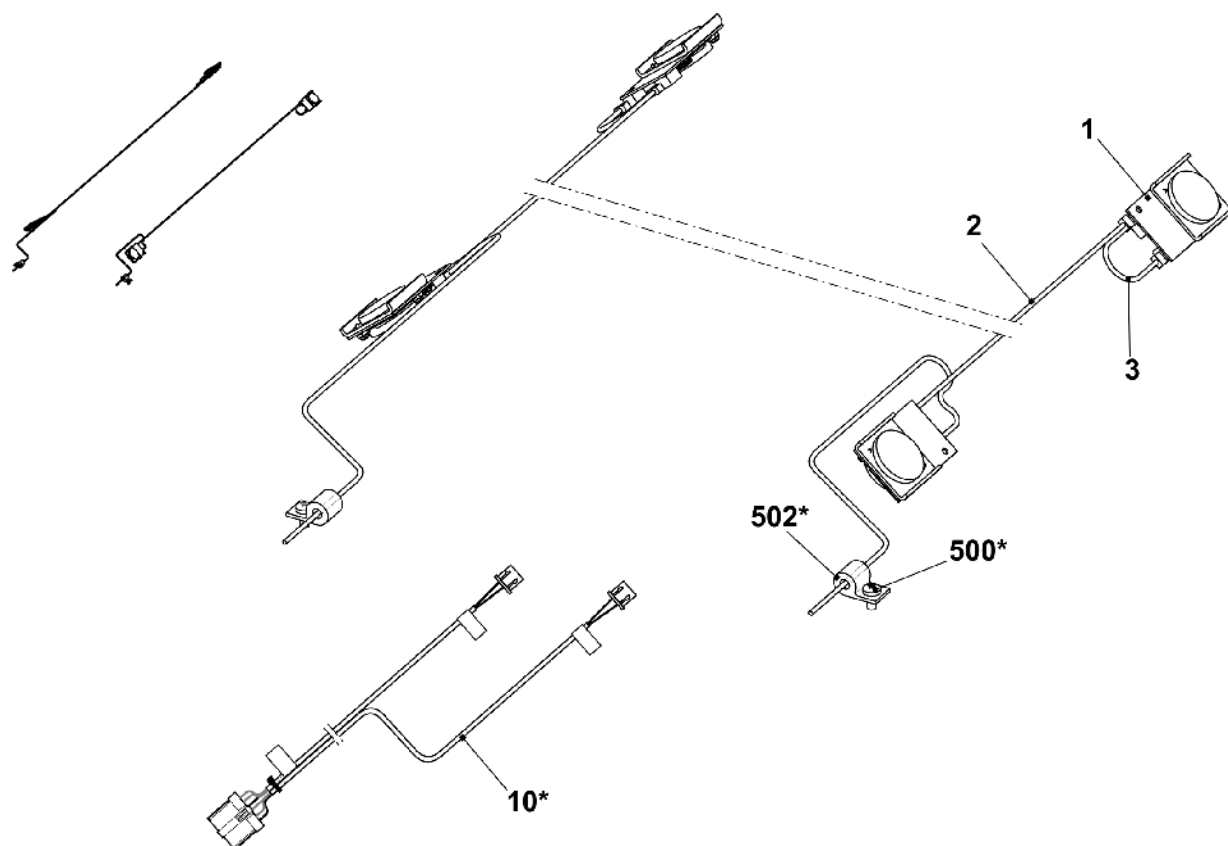
12.4 Control of Collecting Area

Pos	Designation	Id	Pos	Designation	Id
Σ	Reflector complete	256 826	Σ	Light barrier complete	256 825
1	Mounting plate reflector	256 675	1	Holding angle light barrier	256 674
500	Blind rivet A3x8-Al	023 158	500	Cap screw M3x10	022 991
501	Reflector 20x20 mm	243 356	501	Light Barrier	243 355
900*	Cap screw M6x12	020 134	900*	Cap screw M6x12	020 134
			901*	Washer 6	020 872



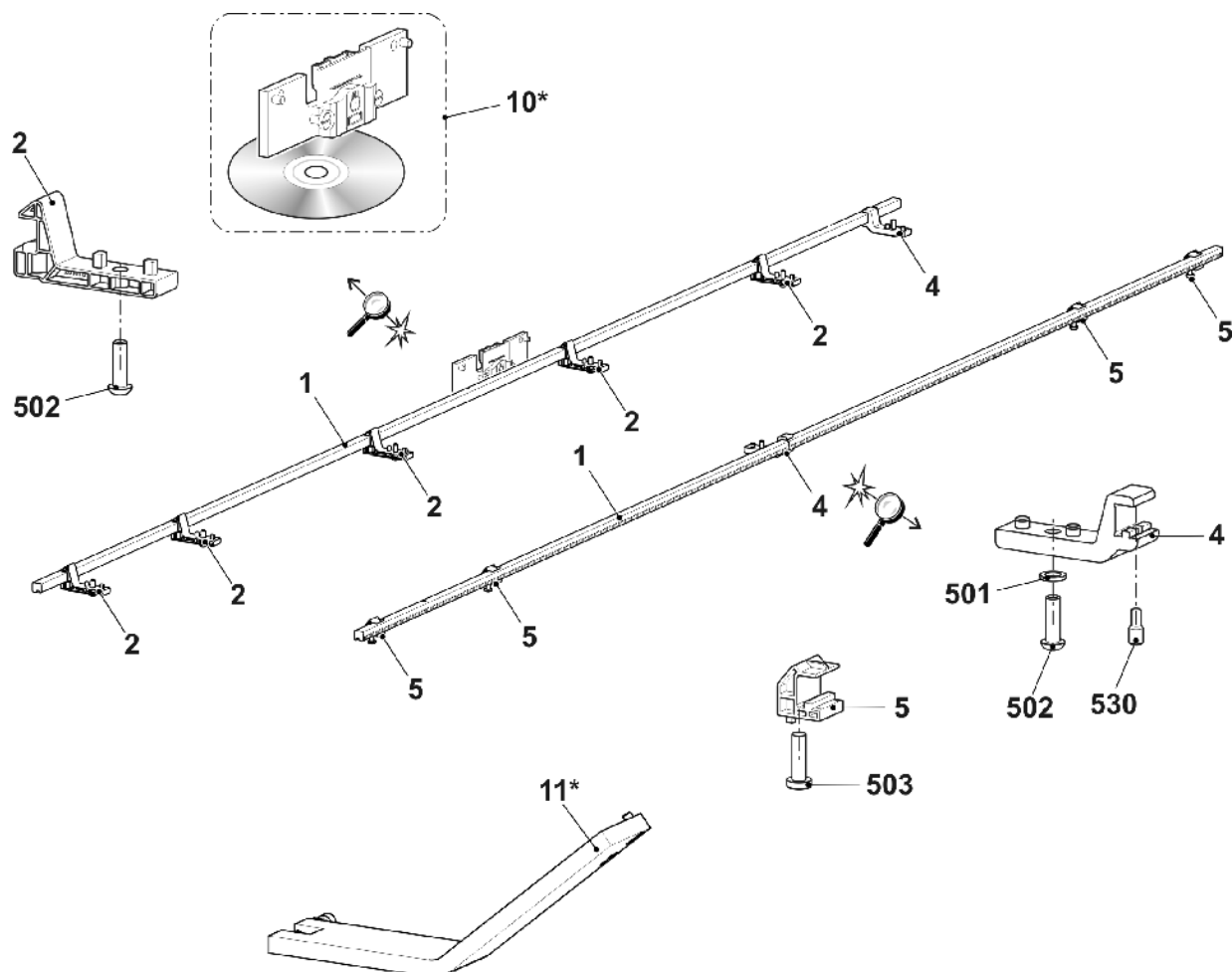
12.5 Shock stop motion E10 | E12 | E14 | E6.2 | E7.2 | E6.2(12m.10) | E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Shock stop motion complete E3	241 819			
1	Shock stop motion (Piezo)	220 011	10*	Cable piezo NB OKC	240 518
2	Connecting cable piezo sensor	220 061	500*	Pan-head screw M4x8	023 036
3	End plug piezo sensor	220 053	502*	Cable clip N-3B, 5 mm	210 729

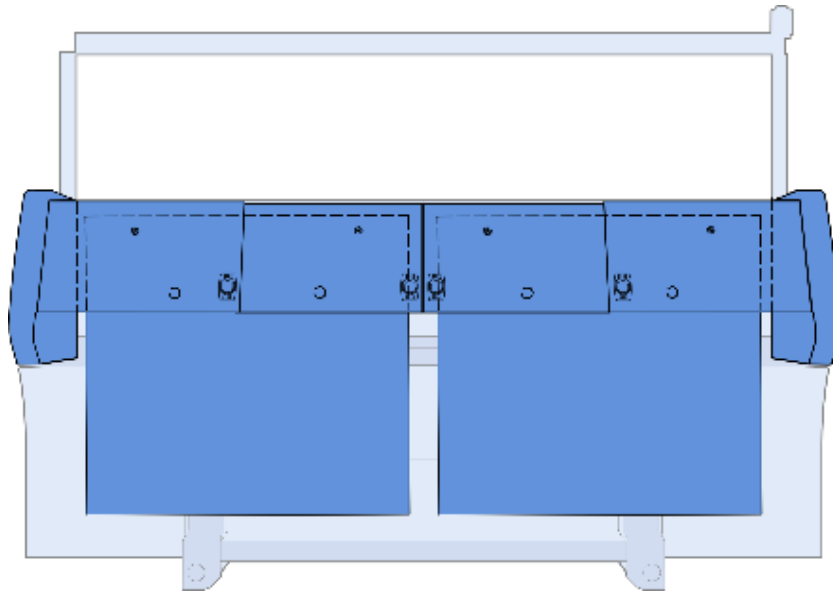


12.7 Measuring device

Pos	Designation	Id	Pos	Designation	Id
Σ	Measuring device		10*	Spare parts package impulse sensor GLM OH	266 961
1	Measuring bar	263 743	11*	Bearing fork	240 689
2	Guide	251 676	502	Pan-head screw	241 603
4	Guide	240 672	503	Screw 60x20	243 625
5	Guide outside	251 605	530	Setscrew	230 803

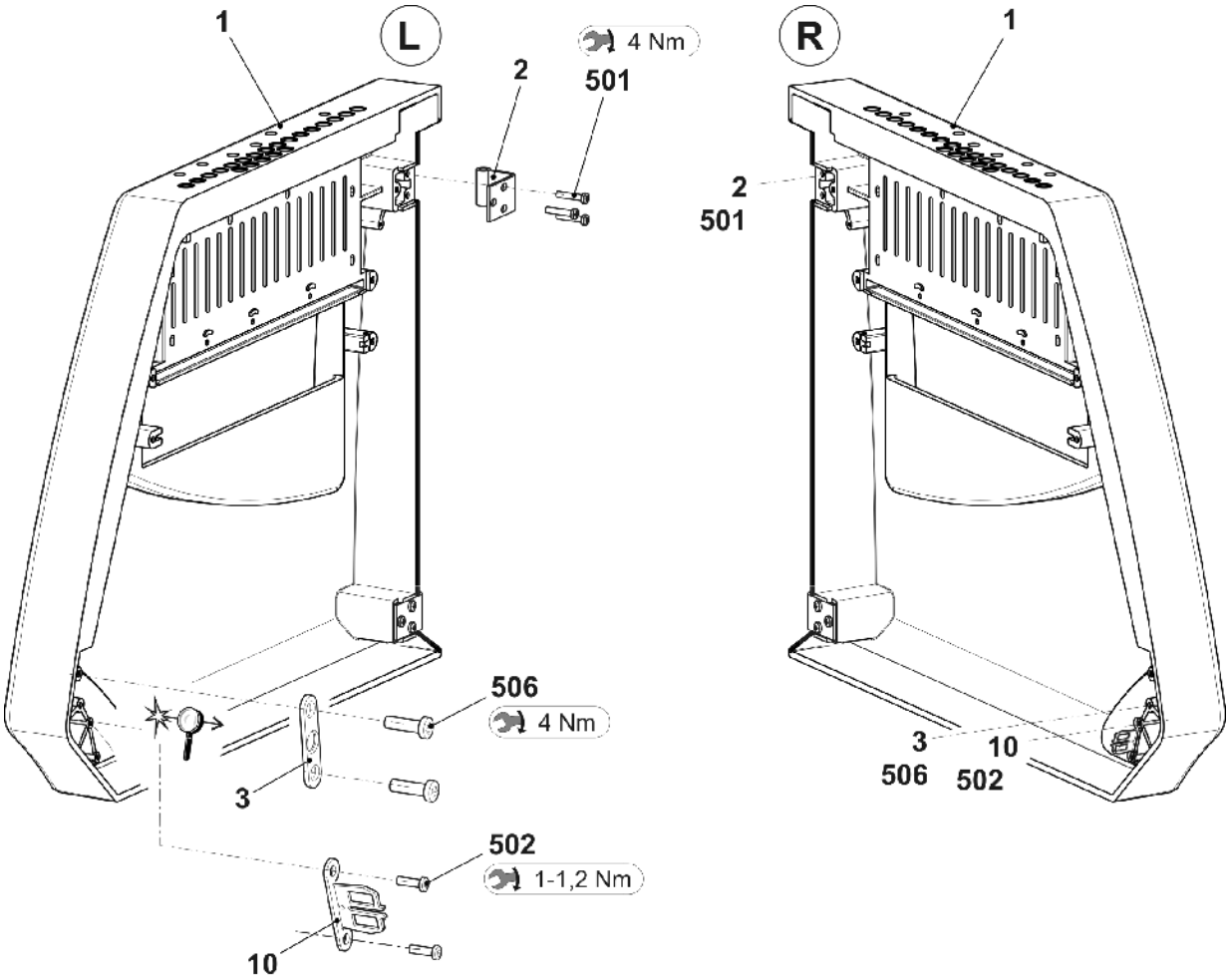


13 Protective devices



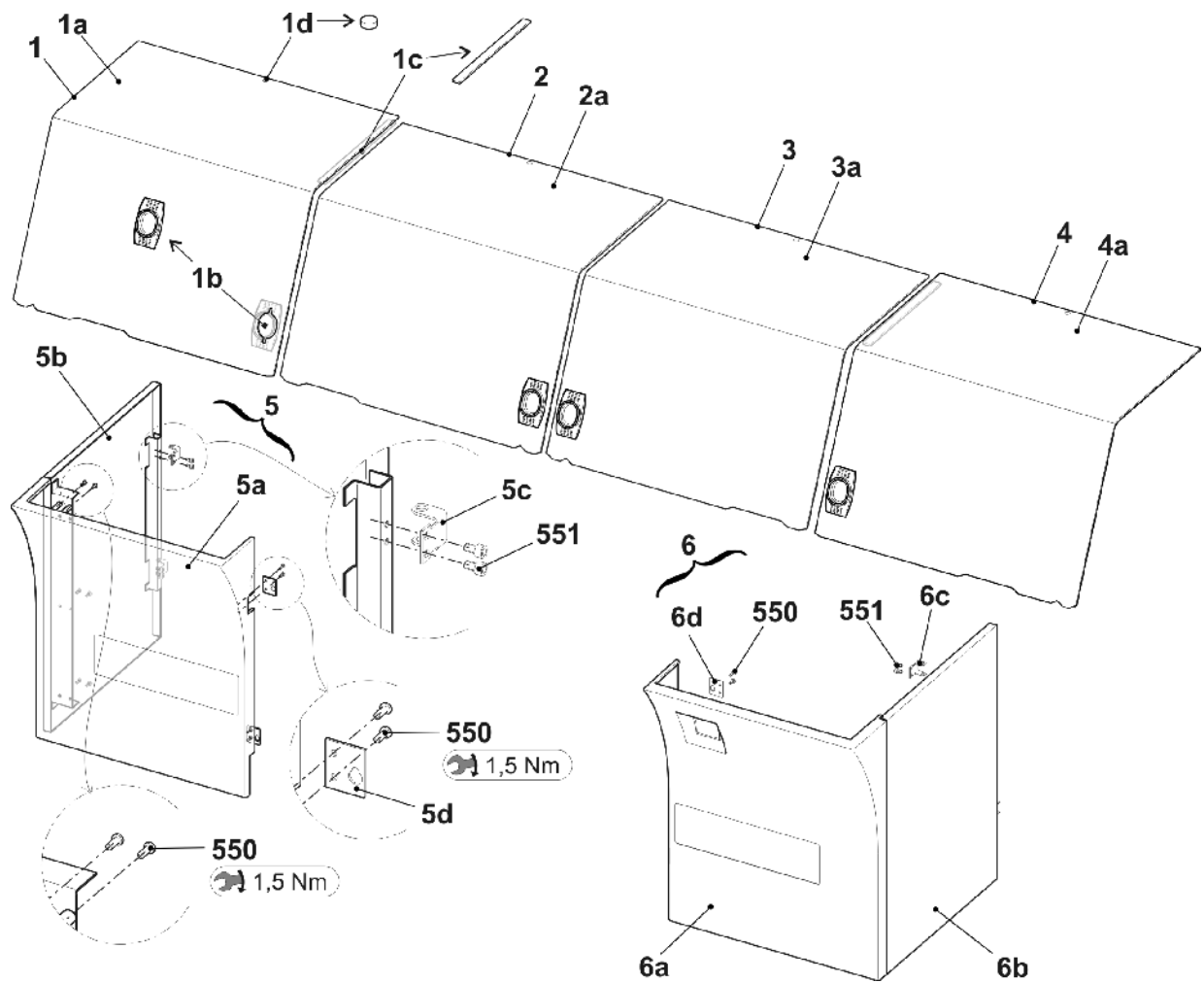
13.1 Lateral safety doors

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety door on the left		Σ	Safety door on the right	
1	Safety door on the left	265 278	1	Safety door on the right	265 279
2	Hinge	263 939	2	Hinge	263 939
4	Locking plate	219 748	4	Locking plate	219 748
10	ActuatorAZ 15/16	255 492	10	ActuatorAZ 15/16	255 492
501	Screw 6x30	265 380	501	Screw 6x30	265 380
502	Screw 4x16	263 995	502	Screw 4x16	263 995
506	Screw 6x20	265 379	506	Screw 6x20	265 379



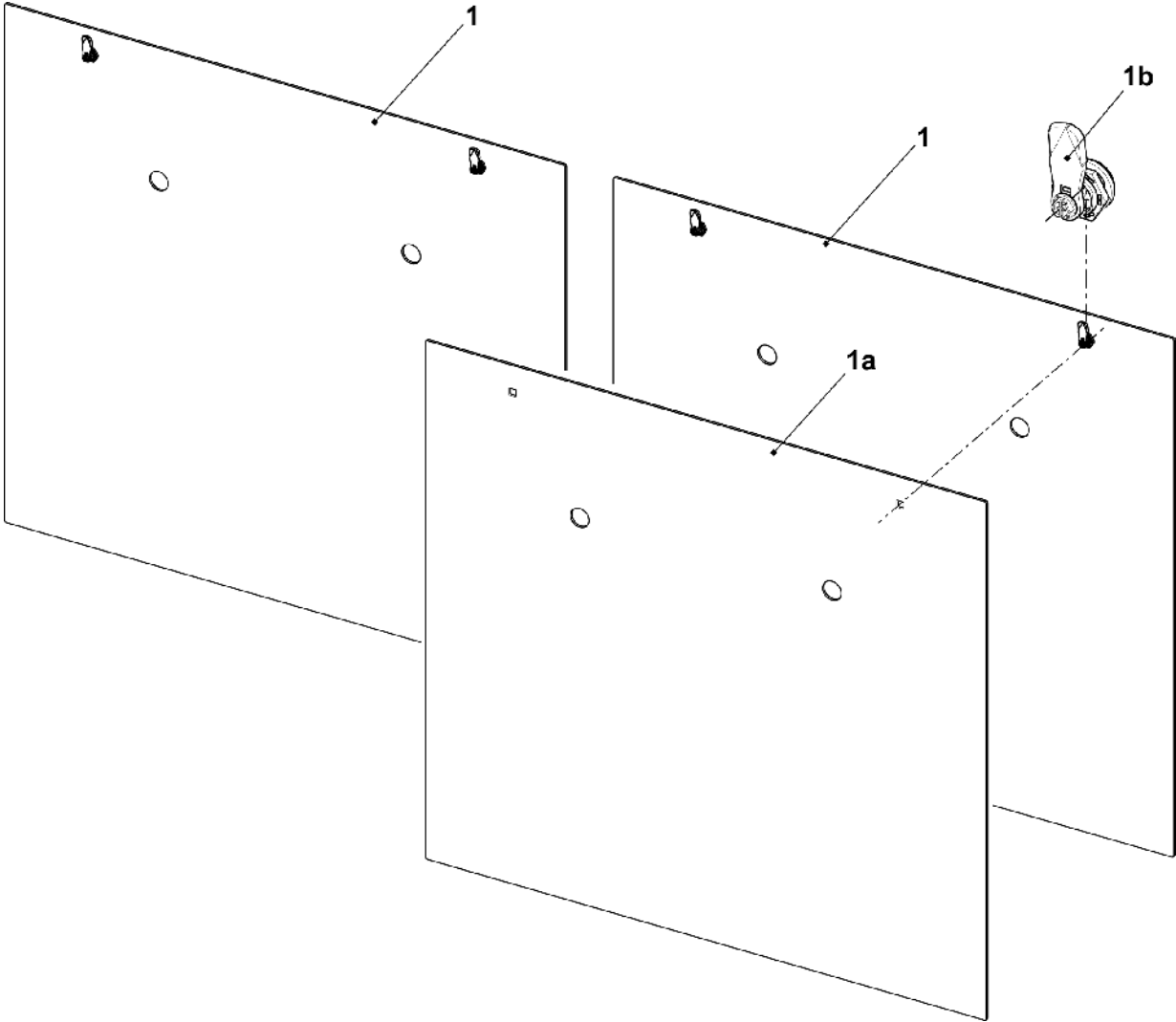
13.2 Panelling

Pos	Designation	Id	Pos	Designation	Id
1	Cover 1 complete	264 573	3	Cover 3 complete	264 577
	1a Cover 1	264 572		3a Cover 3	264 576
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	264 015		1d Magnet	264 015
2	Cover 2 complete	264 575	4	Cover 4 complete	264 579
	2a Cover 2	264 574		4a Cover 4	264 578
	1b Inlet type handle	251 376		1b Inlet type handle	251 376
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	264 015		1d Magnet	264 015
5	Control unit panelling on the left complete	251 233	6	Control unit panelling on the right complete	251 234
	5a Control unit panelling on the left	251 185		6a Control unit panelling on the right	251 186
	5b Side part	244 989		6b Side part	244 989
	5c Hinge	250 273		6c Hinge	250 273
	5d Bracket	240 412		6d Bracket	240 412
	550 Screw KB 50x12	240 359		550 Screw KB 50x12	240 359
	551 Cap screw M6x16	020 135		551 Cap screw M6x16	020 135

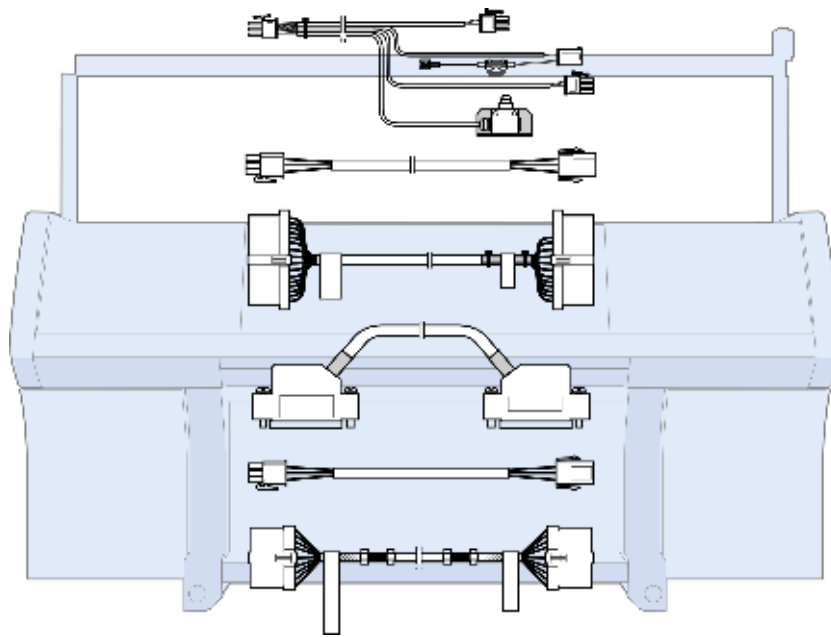


13.3 Rear panel

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



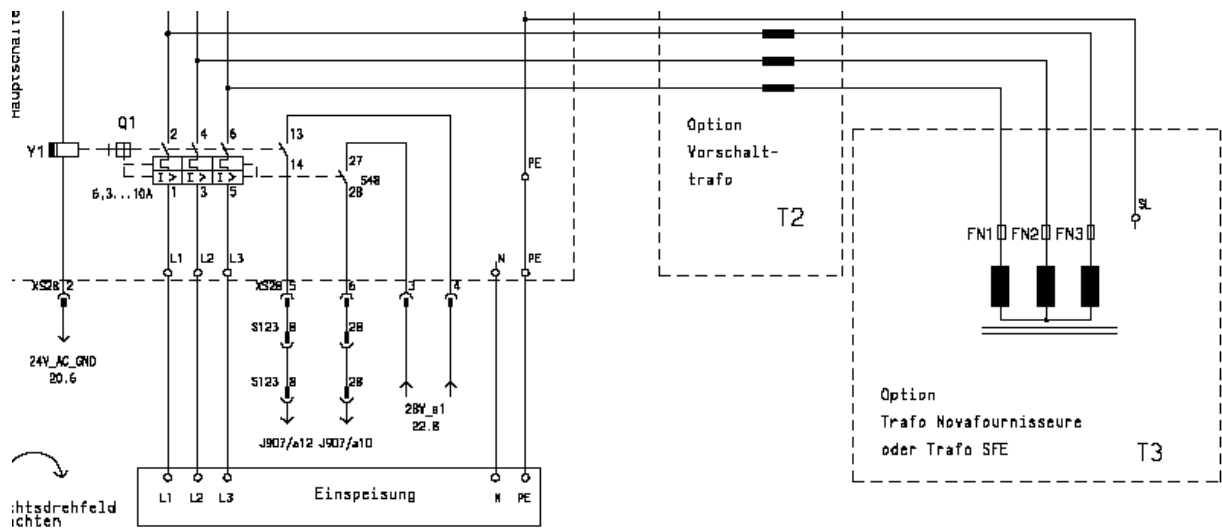
14 Electrical equipment



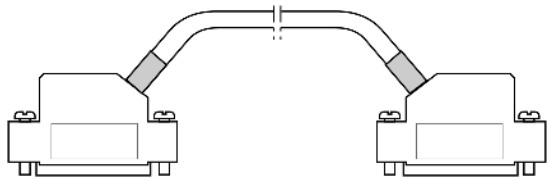
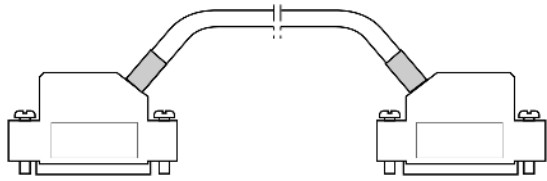
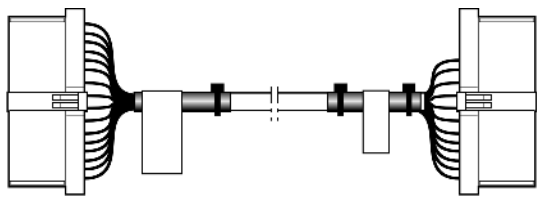
14.1 Circuit diagram (223) as PDF

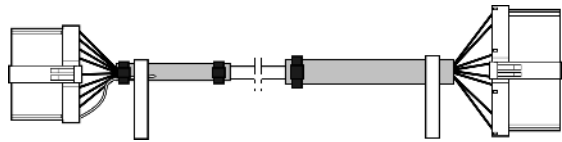
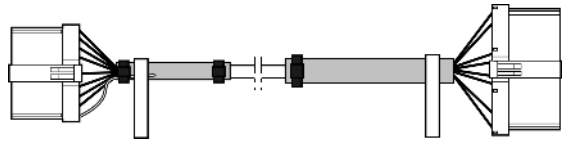
Designation	ID	Marking
Circuit diagram 223 German	267 956	_DE
Circuit diagram 223 English	267 956	_GB
Circuit diagram 223 Chinese	267 956	_CN

You will find the circuit diagram 223 on the CMS documentation DVD with the ID no. 257 157

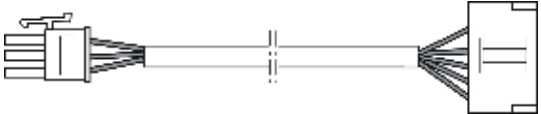
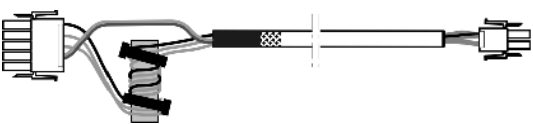
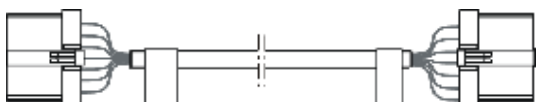
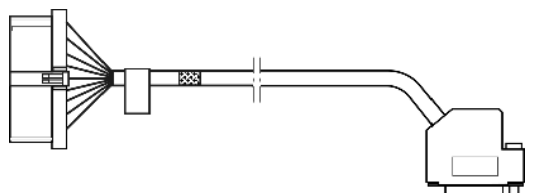
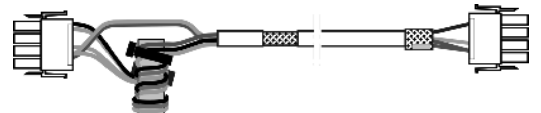
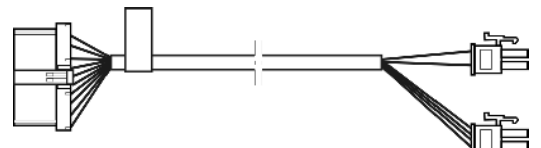
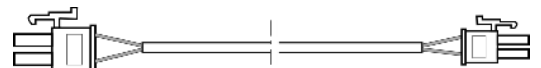
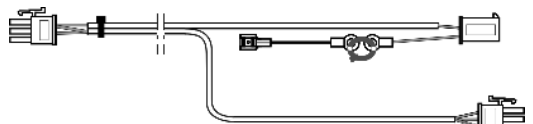


14.2 Trailing cable

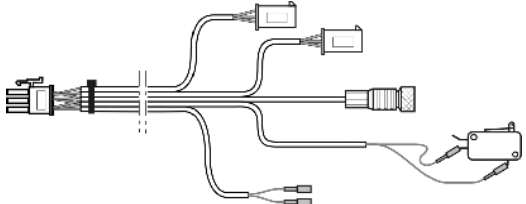
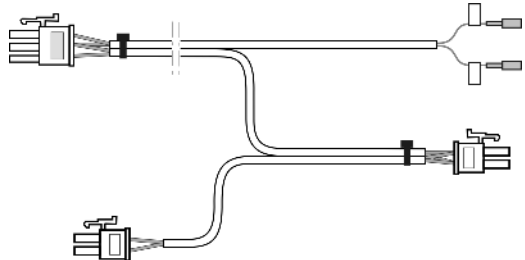
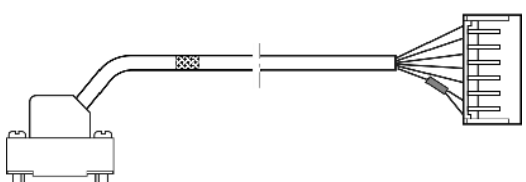
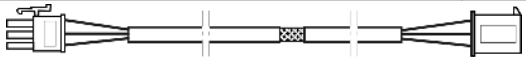
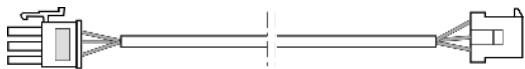
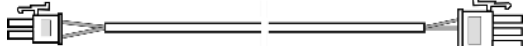
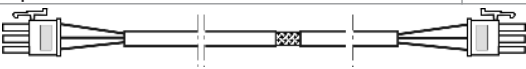
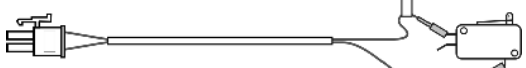
Designation		ID	Designation		ID
Σ	Trailing cable set 530HP 2IMP	264 941			
	Cable carriage at the rear XR332	253 549			
	Cable carriage at the front XR333	253 550			
Cable yarn carrier XR161	254 886				

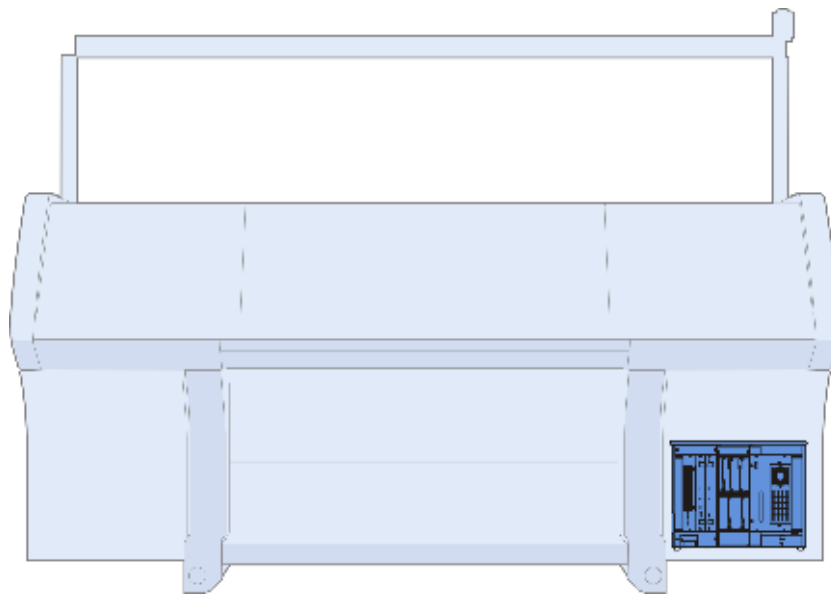
14.3 Cable set installation part 1

Designation	ID	Designation	ID
Σ Cable installation OKC5	265 560		
Cable drive motor GA	262 235	Limit switch racking OKC 3XX	240 292
Cable racking motor GA	262 237		
		Cable Engaging rod ECO2	252 538
Cable resolver drive OKC5	262 236		
		Transformer cable XT7 servo	261 350
Cable resolver racking EKC	270 037		
		Cable sensor HIAB OKC5	265 698
Cable fan drive 3XX OKC	240 293		
		Cable switch auxiliary take-down OKC5	265 677
Cable protective device on the right OKC5	265 694		
Cable protective device on the left OKC5	265 695		
			
Lighting LED OKC5	265 675		
			

14.4 Cable set installation part 2

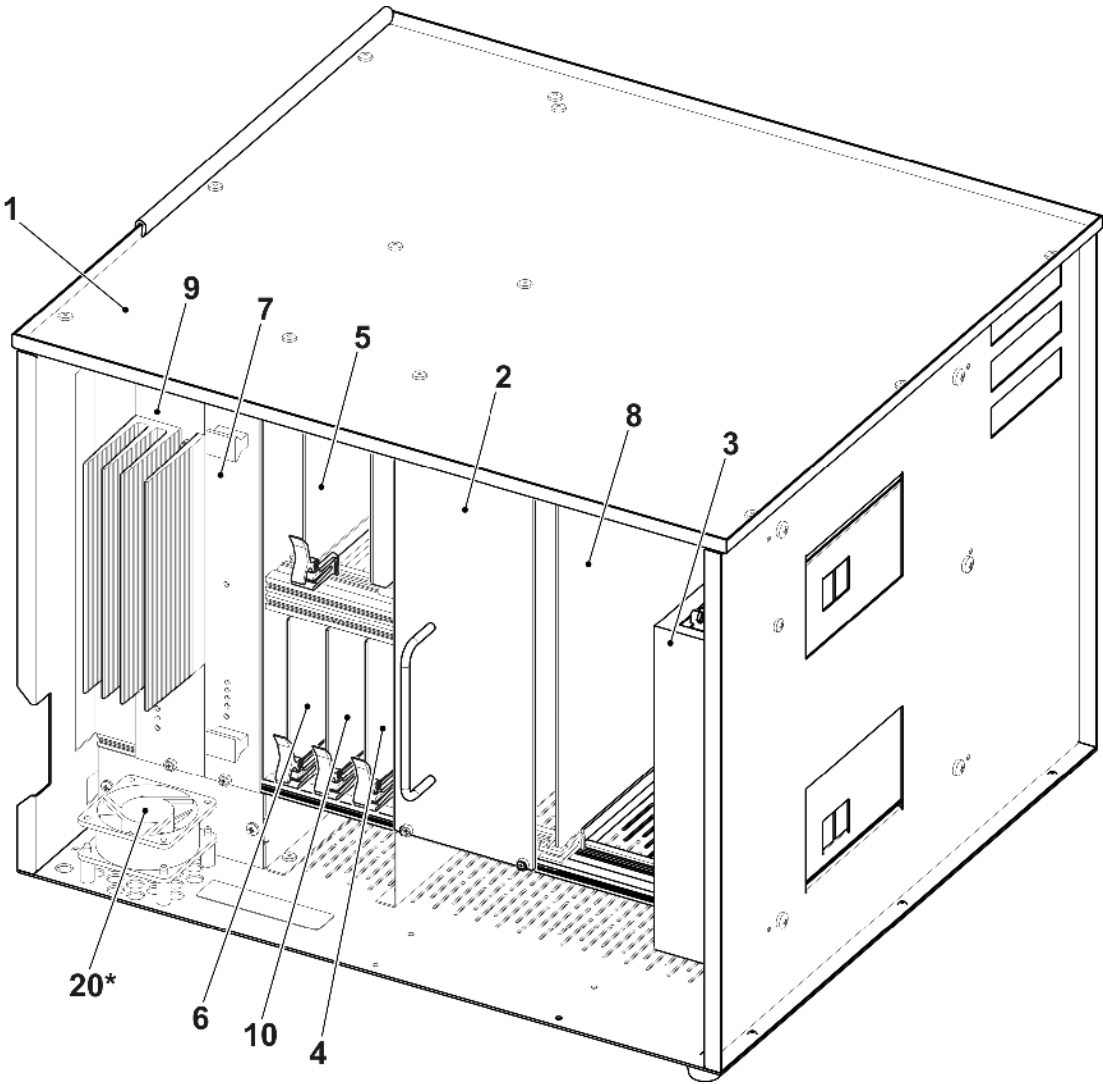
Designation	ID	Designation	ID
Σ Cable installation OKC5	265 560		
Cable switch comb OKC5	262 241	Cable switch main take-down OKC5	262 240
			
Cable resolver comb	260 327	Cable Feed wheel on the right OKC 3XX	240 294
Cable resolver HAAB	260 325		
		Transformer cable XT9 power supply unit	261 351
Cable power comb	260 326		
Cable power HAAB	260 324	Cable supply FKE lamp OKC5	266 268
			
Cable power auxiliary take-down OKC5	265 676	Cable of right cover OKC5	265 696
Cable power comb hook	260 328		
			
Cable of comb hook switch OKC5	262 239		
			
Transformer XT9 cable power supply unit	261 351		
			

15 Control electronics

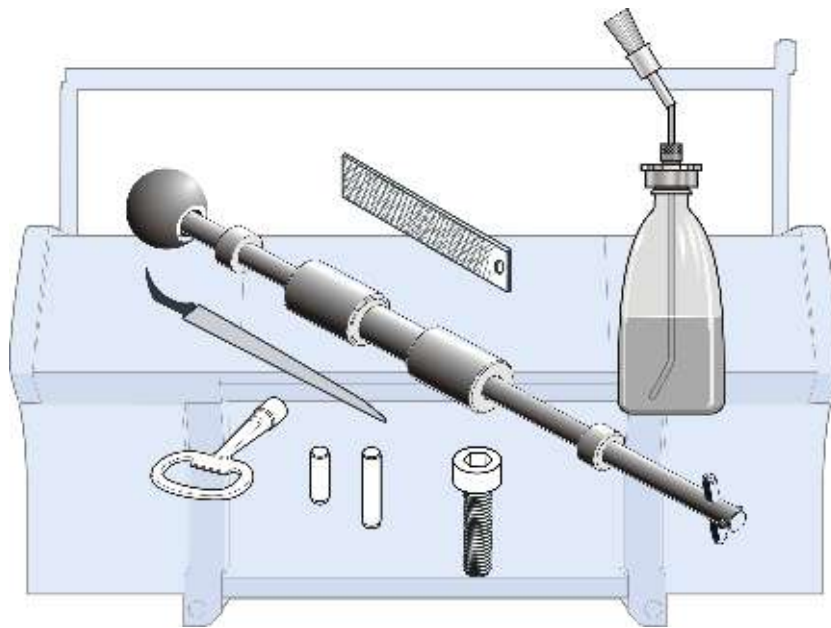


15.1
Control cabinet

Pos	Designation	Id	Pos	Designation	Id
Σ	Control unit complete	269 474	6	Card Power CPU B	301 009
1	Control unit on the right without equip- ment	269 475	7	I/O card	301 023
2	Power supply unit JSE10	301 020	8	Card WASERVO	301 018
3	Battery plug-in unit complete	301 027	9	Card Servo 7 HUV	301 041
4	Card final stages 6SM	301 040	10	Card N-CPU 432	300 965
5	Card IPC P12 XP	301 039	20*	Axial blower Servo	229 059



16 Deliverable accessories

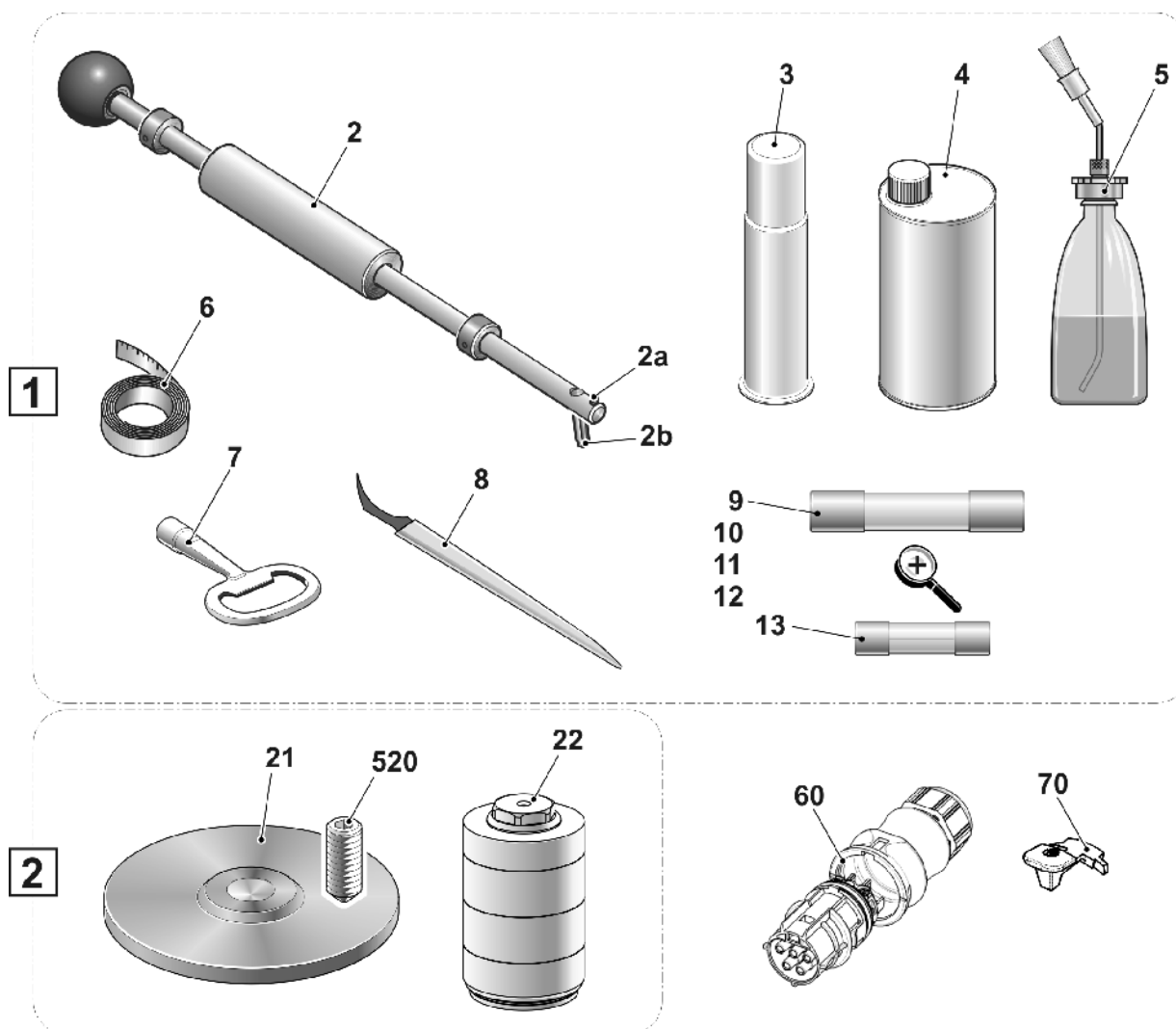


You can order the following tools, lubricants and expendables.

The following list does not correspond to the scope of delivery of the knitting machine.

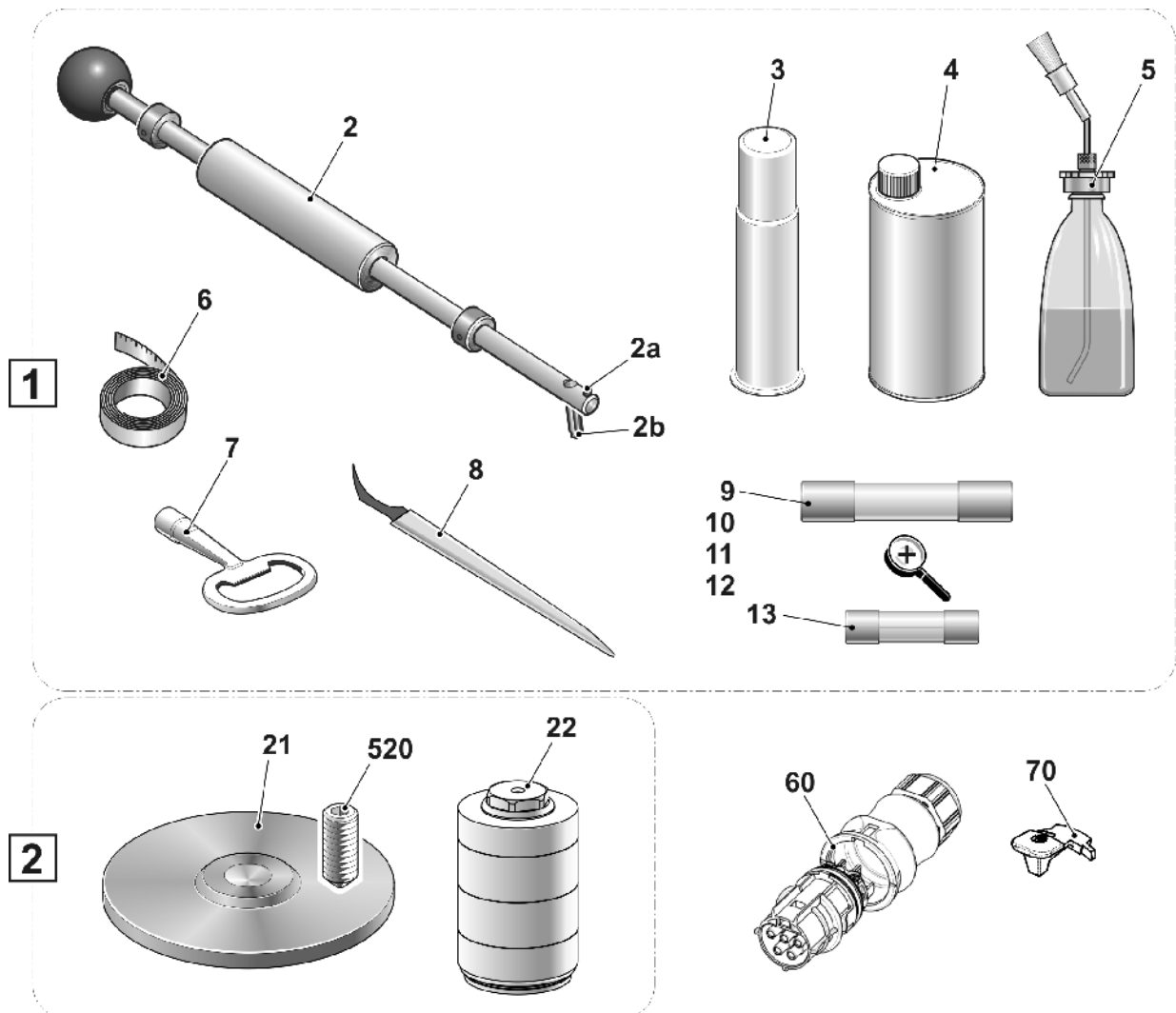
16.1 Accessories standard E5-14

Pos	Designation	Id	Pos	Designation	Id
Σ1	Accessories standard part 1	268 413			
2	Extraction hook	232 027	10	Fuse 8A T 440V 6,3x32	241 866
2a	Small pin	202 843	11	Fuse FKS 20A/80V	267 336
2b	Pencil	232 022	12	Fuse 1A T 440V 6,3x32	209 321
3	Grease Stoll Grease 0475, 150g	270 721	13	Fuse F1, 0A	008 748
4	Textile machine oil Stolltex T 46, 1l	268 621	Σ2	Accessories standard part 2	265 183
5	Oil combifix	216 732	21	Shim	056 569
6	Measuring tape L=150cm	228 180	22	Signal light LED	240 395
7	Key of switch cabinet	009 346	520	Setscrew M16x40	244 061
8	Working hook	227 249	60	Socket adapter RST20I5S	267 003
9	Fuse 1,6A T 440V 6,3x32	236 229	70	Accessories opener RST20	267 017

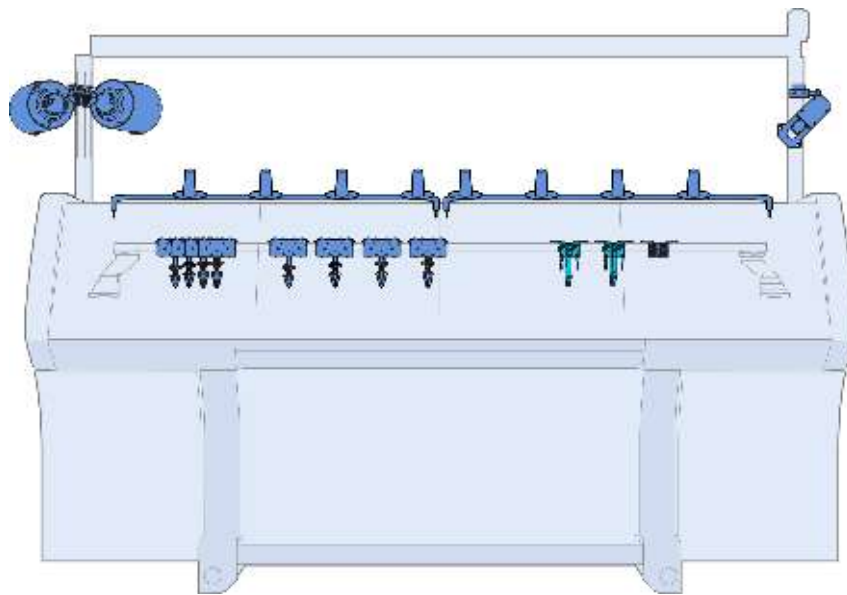


16.2 Accessories standard E16-18

Pos	Designation	Id	Pos	Designation	Id
Σ1	Accessories E16-18+8.2+9.2	268 414			
2	Extraction hook	232 027	10	Fuse 8A T 440V 6,3x32	241 866
2a	Small pin	202 843	11	Fuse FKS 20A/80V	267 336
2b	Pencil	232 022	12	Fuse 1A T 440V 6,3x32	209 321
3	Grease Stoll Grease 0475, 150g	270 721	13	Fuse F1, 0A	008 748
4	Textile machine oil Stolltex T 32, 1l	268 620	Σ2	Accessories standard part 2	265 183
5	Oil combifix	216 732	21	Shim	056 569
6	Measuring tape L=150cm	228 180	22	Signal light LED	240 395
7	Key of switch cabinet	009 346	520	Setscrew M16x40	244 061
8	Working hook	227 249	60	Socket adapter RST20I5S	267 003
9	Fuse 1,6A T 440V 6,3x32	236 229	70	Accessories opener RST20	267 017

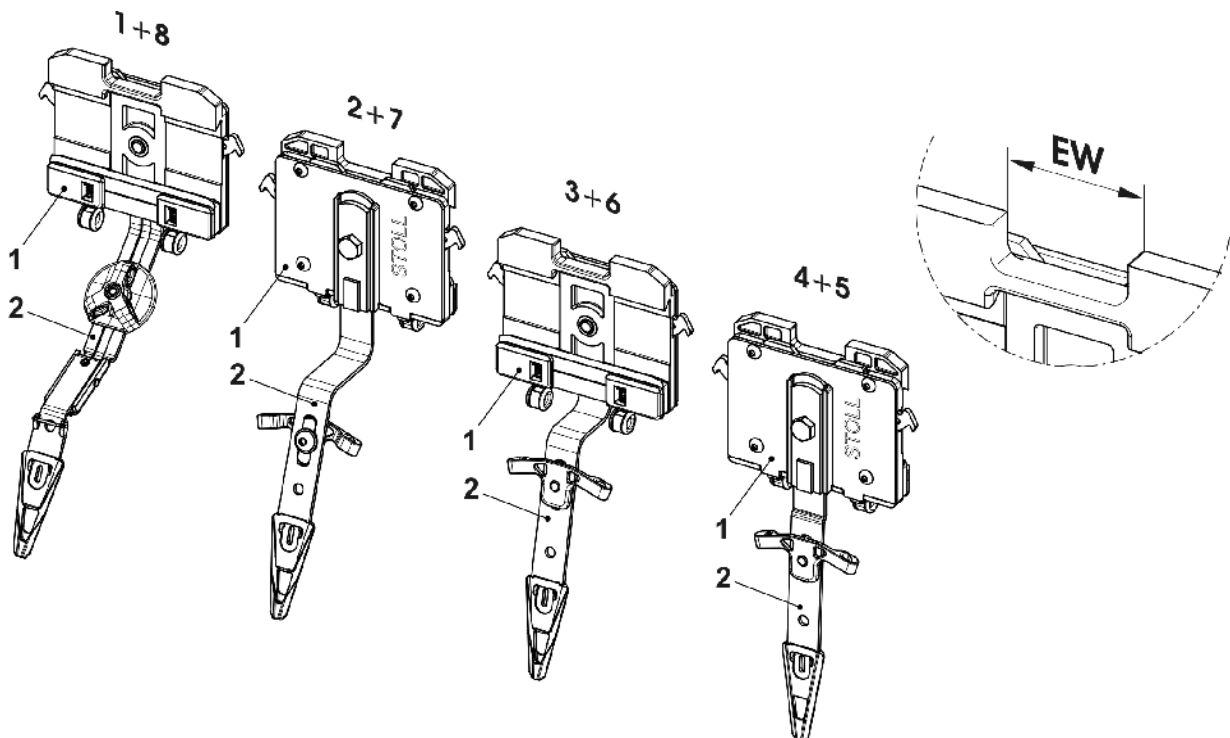


17 Special attachments



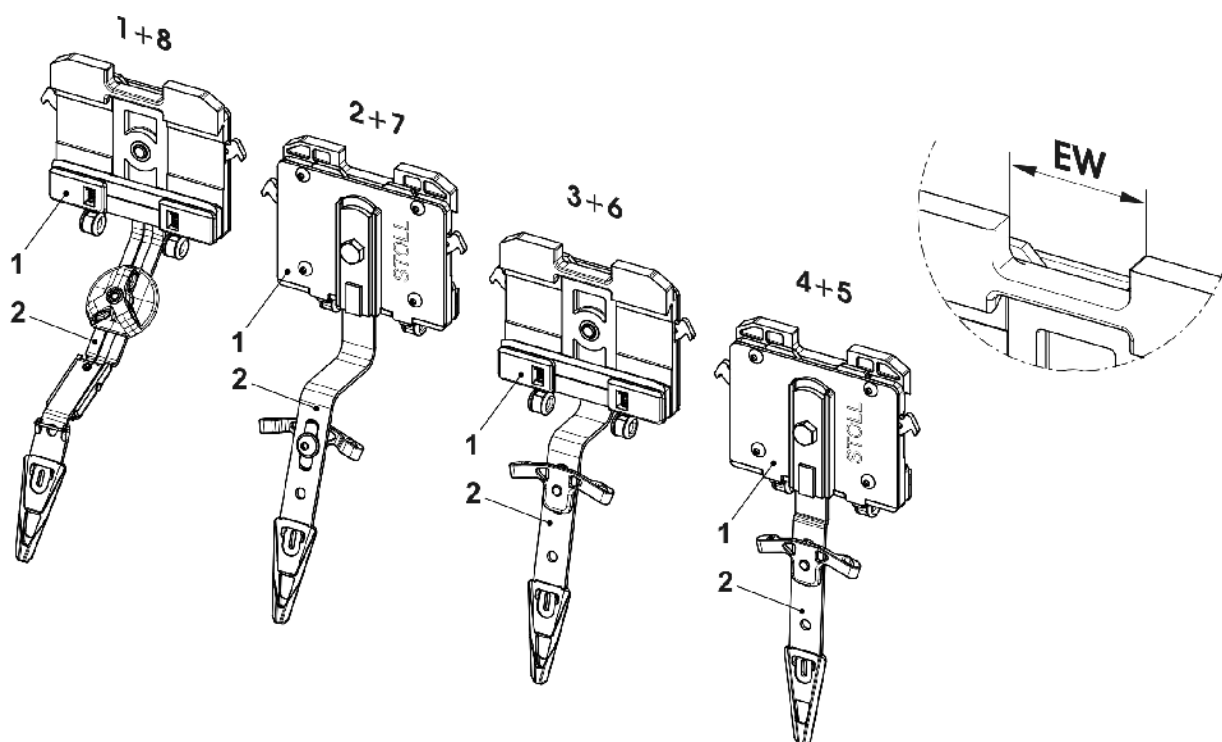
17.1 Yarn carrier type 2, E10 | 12 | E14 | E7.2 | E8.2 | E9.2

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



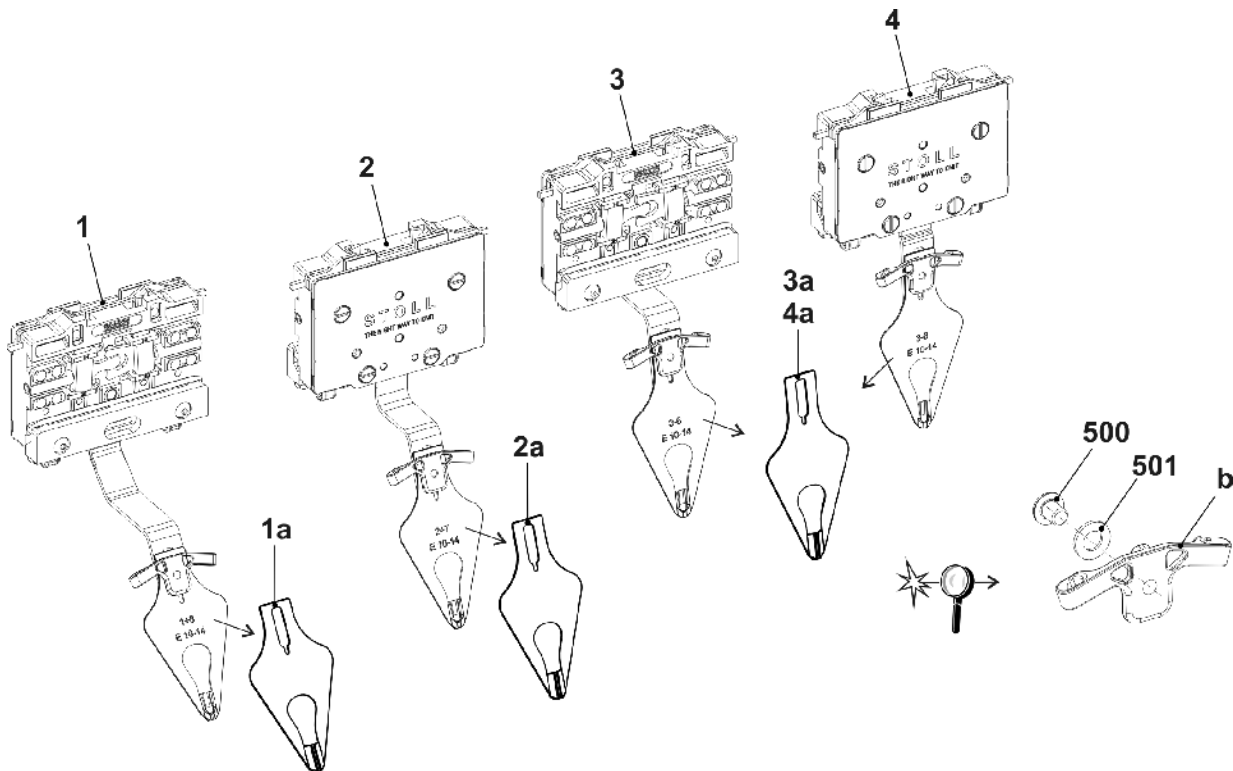
17.2 Yarn carrier type 2, E16 | E18

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



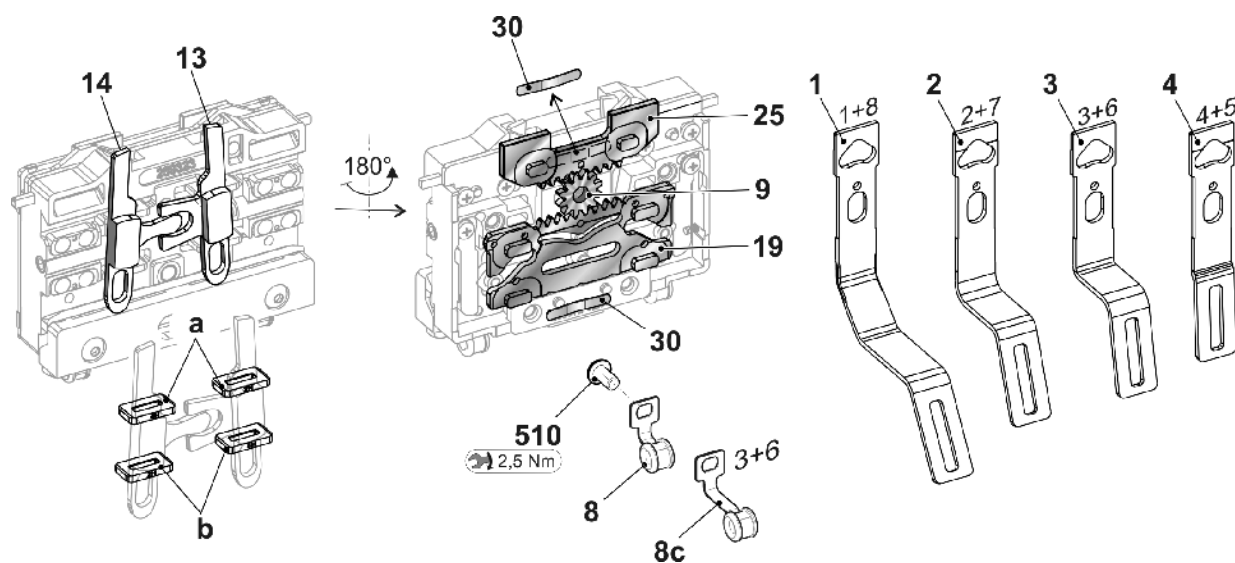
17.3 Intarsia yarn carrier type 2, Overview

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



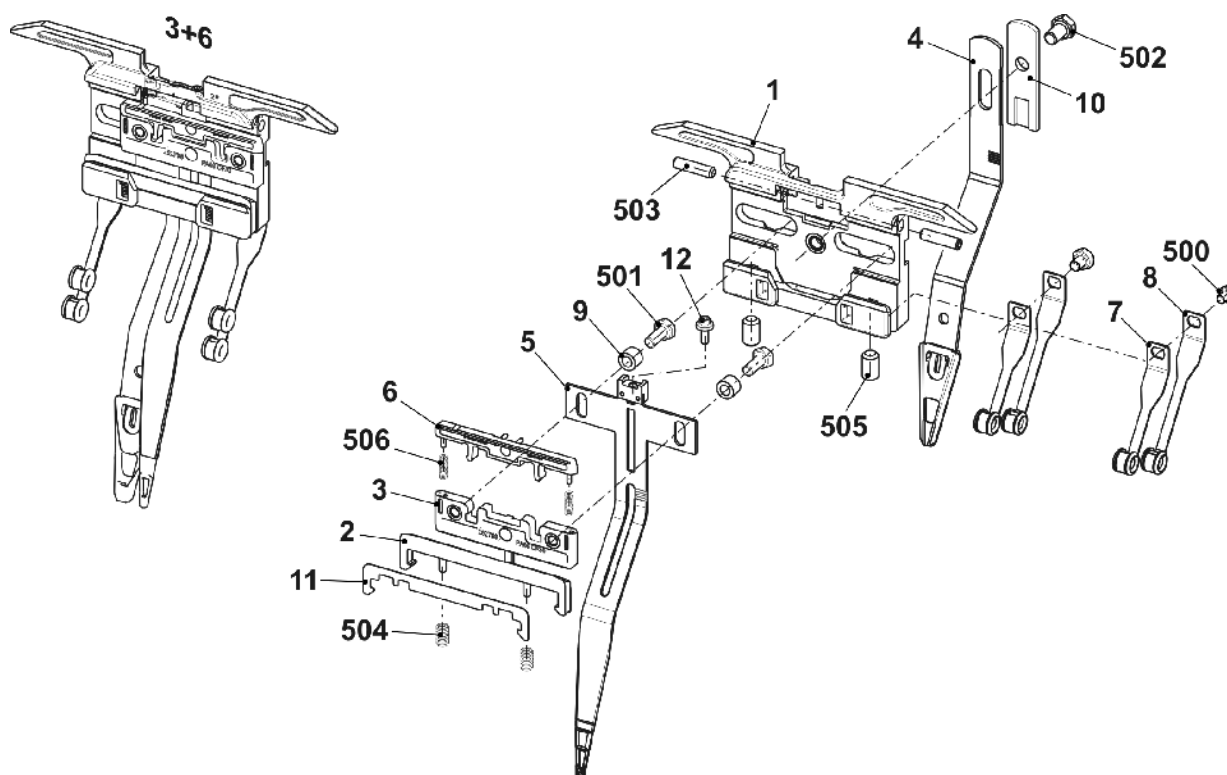
17.3.1 Continuation Intarsia yarn carrier type 2

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



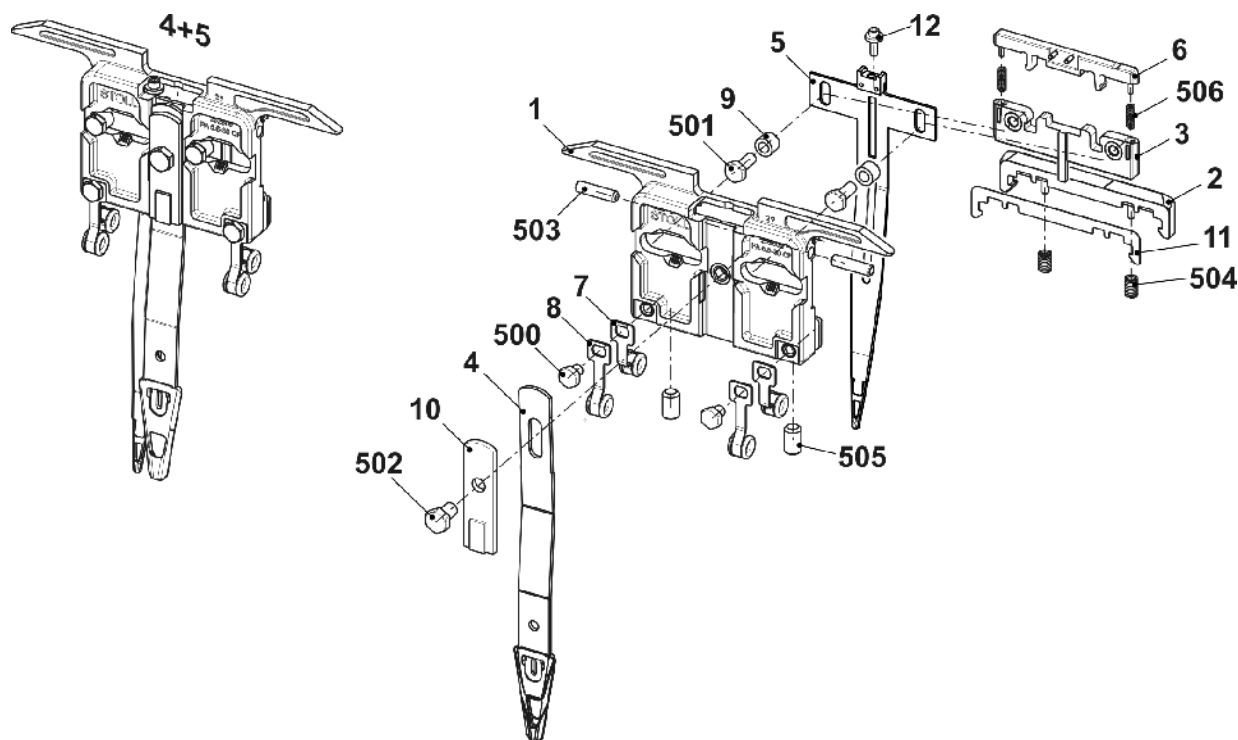
17.4 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete				
	E6.2	252 784	6	Sliding piece	252 797
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10) E12/14	252 786	7	Eyelet holder complete	252 825
	E16 E18	252 788	8	Eyelet holder complete	252 824
1	Plating yarn carrier carriage	252 806	9	Distance bushing	252 796
2	Sliding piece	212 583	10	Shim	213 035
3	Slider	252 798	11	Shim	216 143
4	Plating yarn carrier bow 3+6		12	Adjusting screw	253 436
	E6.2	252 821	500	Hexagon screw M4x5	243 779
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10) E12/14	252 822	501	Hexagon screw M4x10	020 346
	E16 E18	252 823	502	Hexagon screw	252 832
5	Plating yarn carrier bow 3+6		503	Setscrew M4x16	254 196
	E6.2	272 506	504	Compression spring	021 399
	E10-E14	272 507	505	Threaded bolt	213 399
	E16-E18	272 508	506	Compression spring	253 058



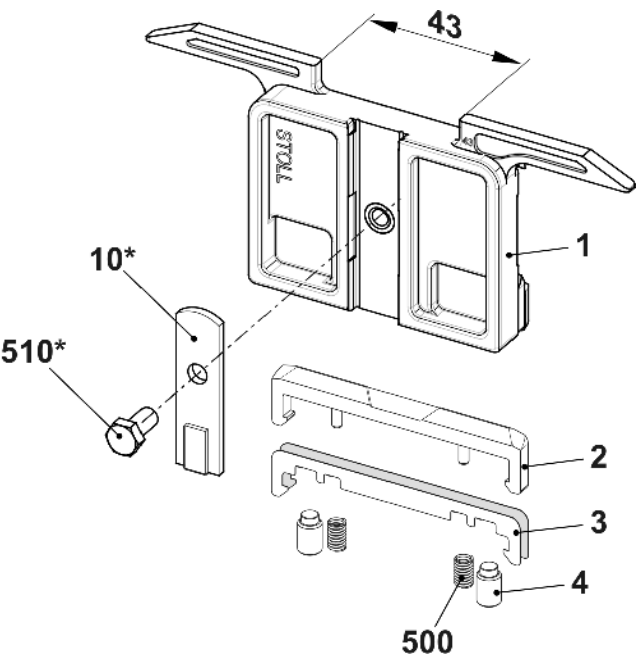
17.5 Plating yarn carrier 4+5

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete				
	E6.2	252 783	6	Sliding piece	252 797
	E10 E12 E14 E7.2 E8.2 E6.2(12m. 10) E14/12	252 785	7	Eyelet holder complete	252 815
	E16 E18	252 787	8	Eyelet holder complete	252 816
1	Plating yarn carrier carriage	252 806	9	Distance bushing	252 796
2	Sliding piece	212 583	10	Shim	213 035
3	Slider	252 798	11	Shim	216 143
4	Plating yarn carrier bow 4+5		12	Adjusting screw	253 436
	E6.2	252 791	500	Hexagon screw M4x5	243 779
	E10 E12 E14 E7.2 E8.2 E6.2(12m. 10) E14/12	252 792	501	Hexagon screw M4x10	020 346
	E16 E18	252 793	502	Hexagon screw	252 832
5	Plating yarn carrier bow 4+5		503	Setscrew M4x16	254 196
	E6.2	272 496	504	Compression spring	021 399
	E10-E14	272 497	505	Threaded bolt	213 399
	E16-E18	272 498	506	Compression spring	253 058



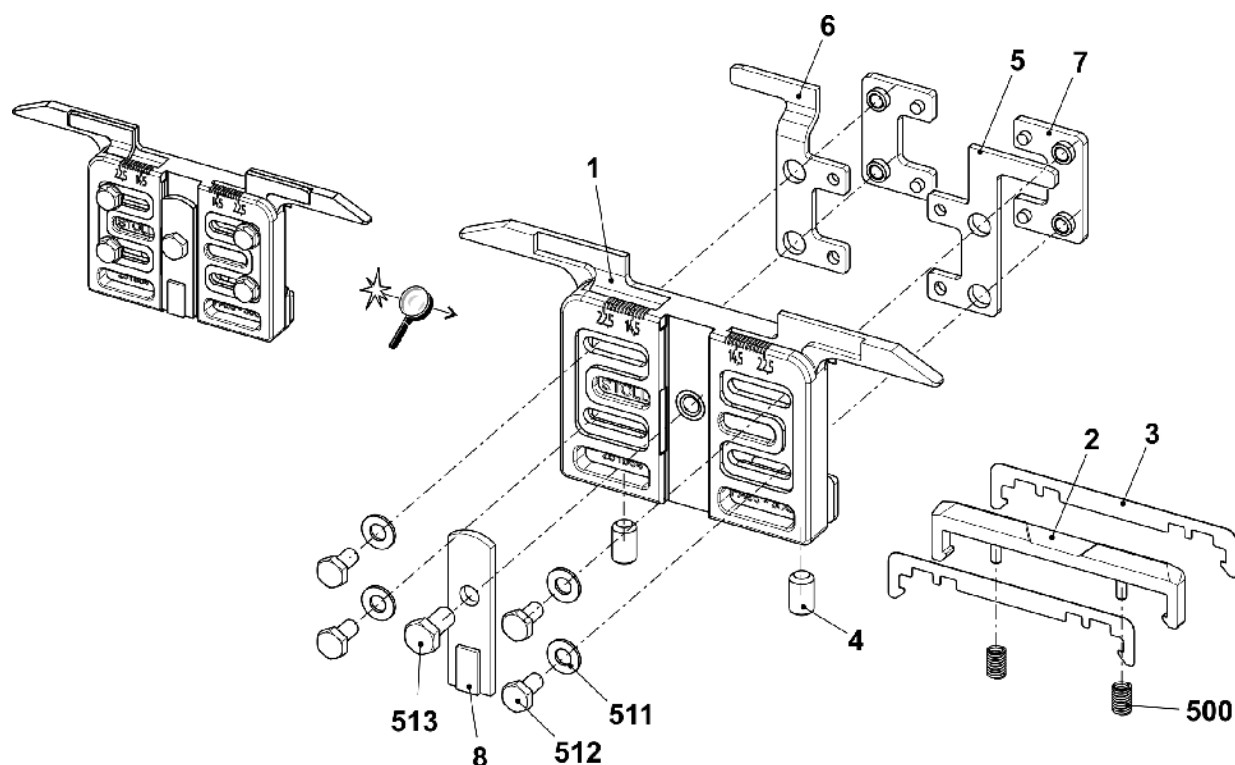
17.6 Carriage of plating yarn carrier EW43

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



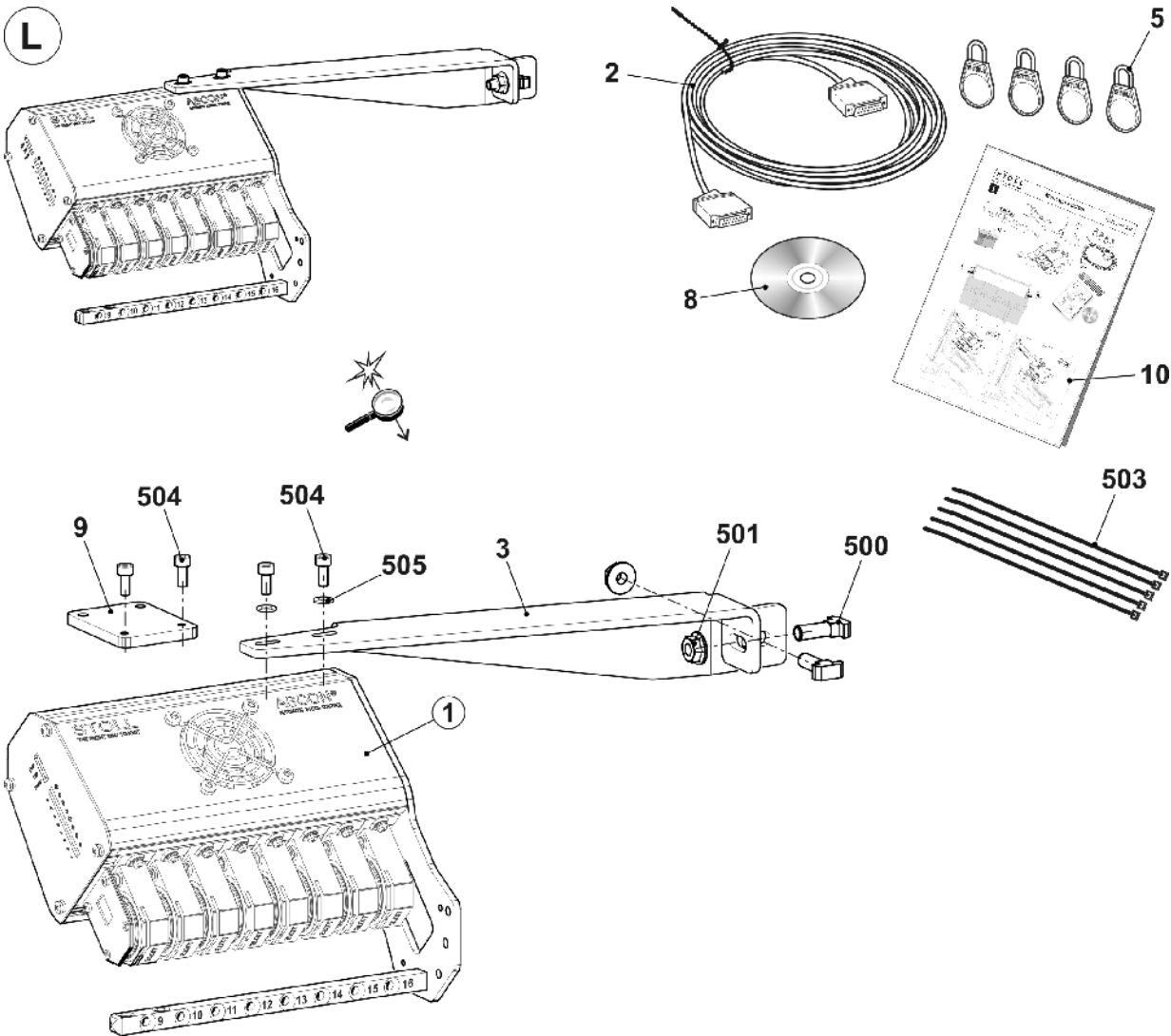
17.7 Carriage of plating yarn carrier (adjustable)

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



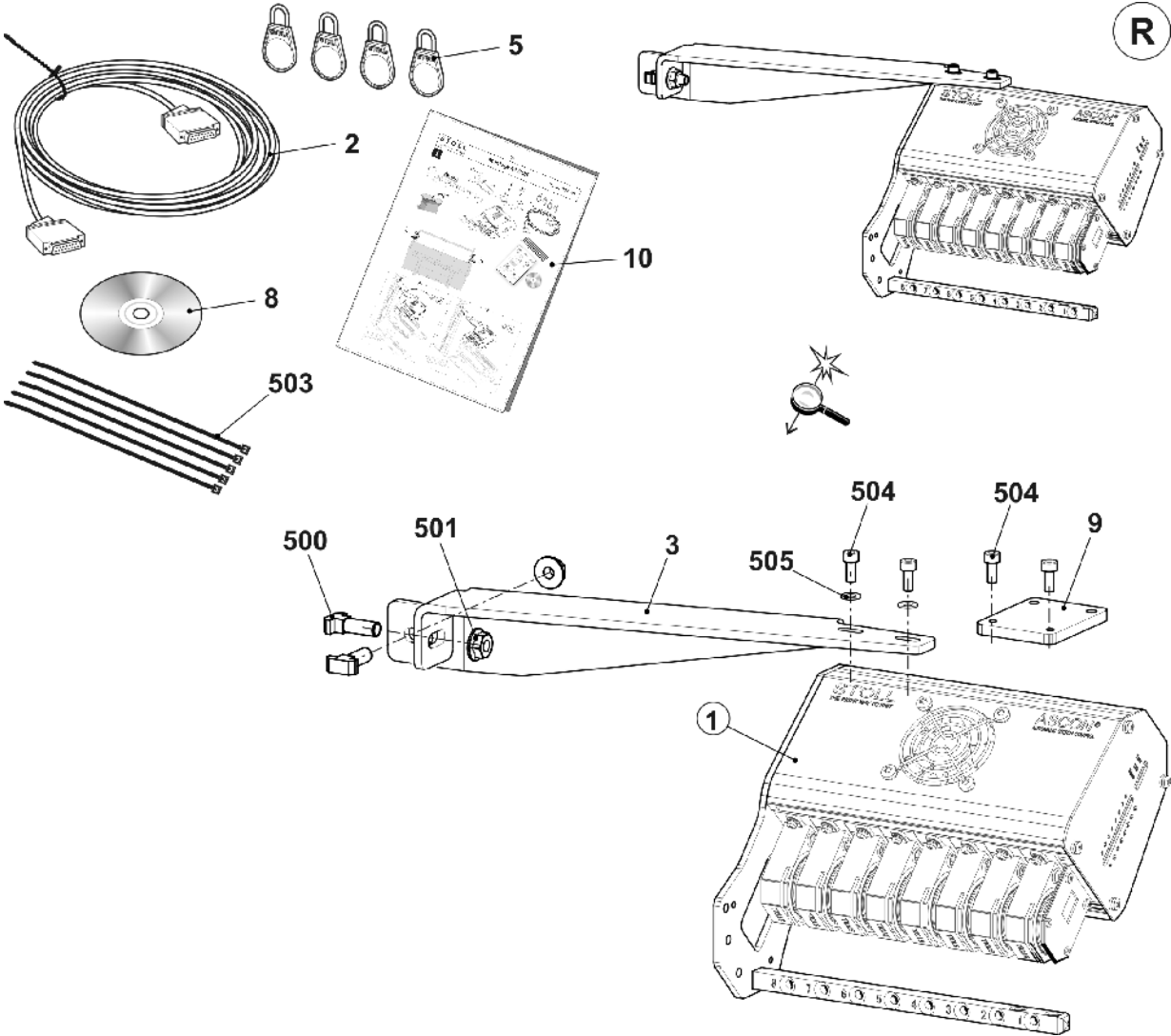
17.8 Yarn length measuring device on the left complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the left complete	265 391			
1	Yarn length measuring device on the left complete	257 283	10	Operating instructions of ASCON assembly	266 069
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support on the left	265 046	501	Serrated nut M8-10	023 026
5	Adjustment weight	212 241	503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391	504	Cap screw M5x12	020 132
9	Holding plate	258 386	505	Washer 5	020 871



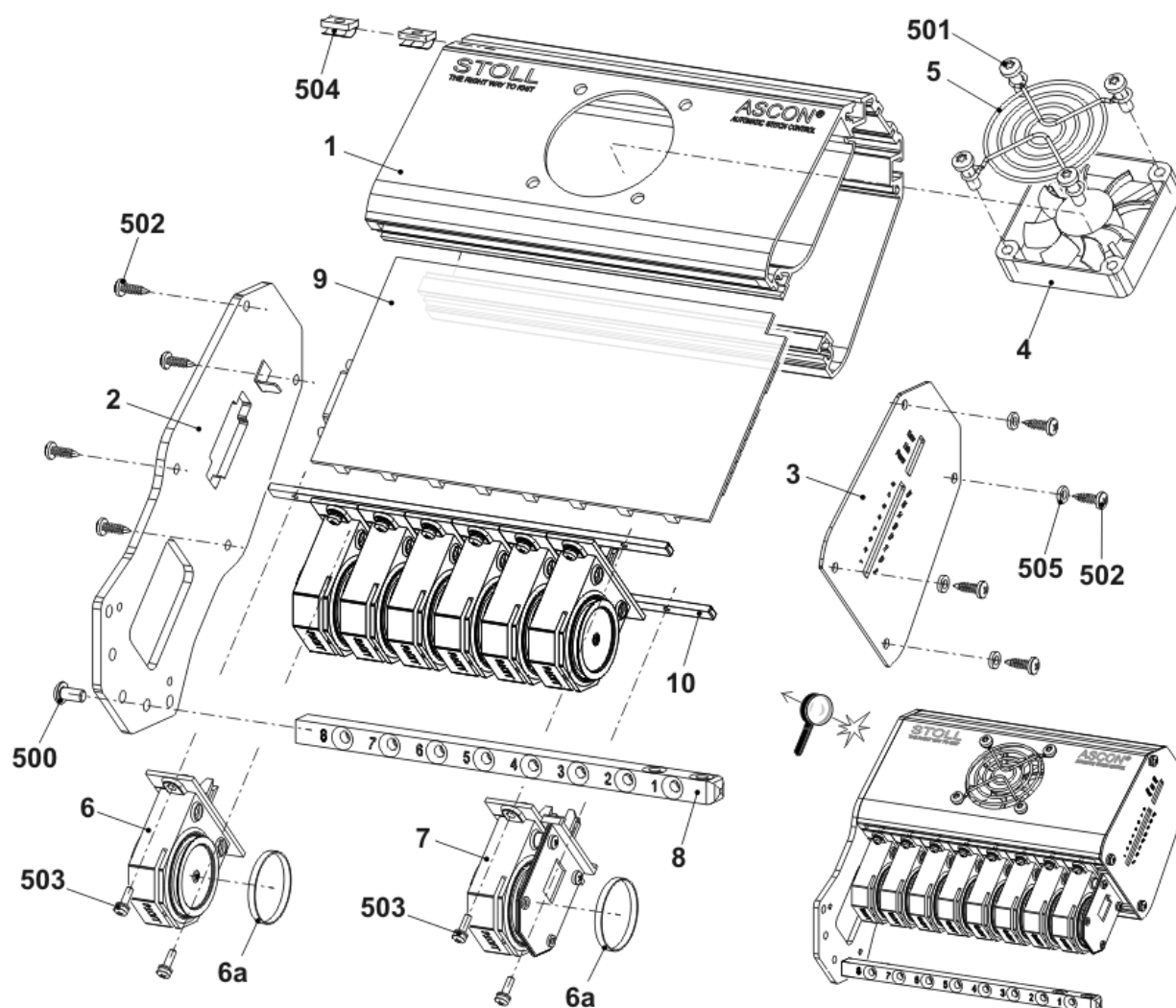
17.9 Yarn length measuring device on the right complete

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn length measuring device on the right complete	265 392			
1	Yarn length measuring device on the right complete	257 282	10	Operating instructions of ASCON assembly	266 069
2	Cable ASCON	257 239	500	T-head bolt M8x25	022 866
3	Support right	265 045	501	Serrated nut M8-10	023 026
5	Adjustment weight	212 241	503	Cable tape 302x4,8	008 642
8	DVD with operating instructions	258 391	504	Cap screw M5x12	020 132
9	Holding plate	258 386	505	Washer 5	020 871



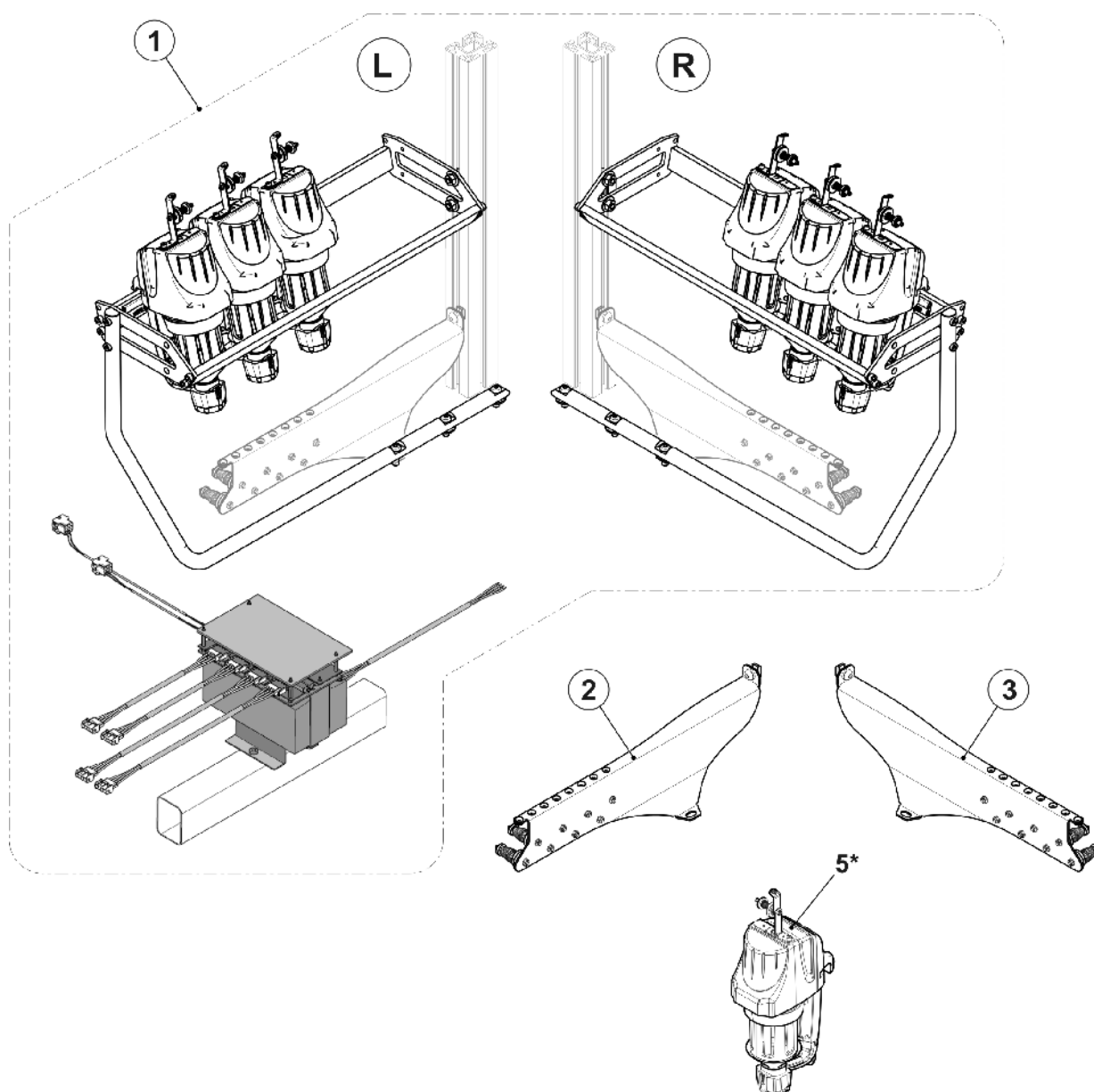
17.9.1 Yarn length measuring device on the right

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



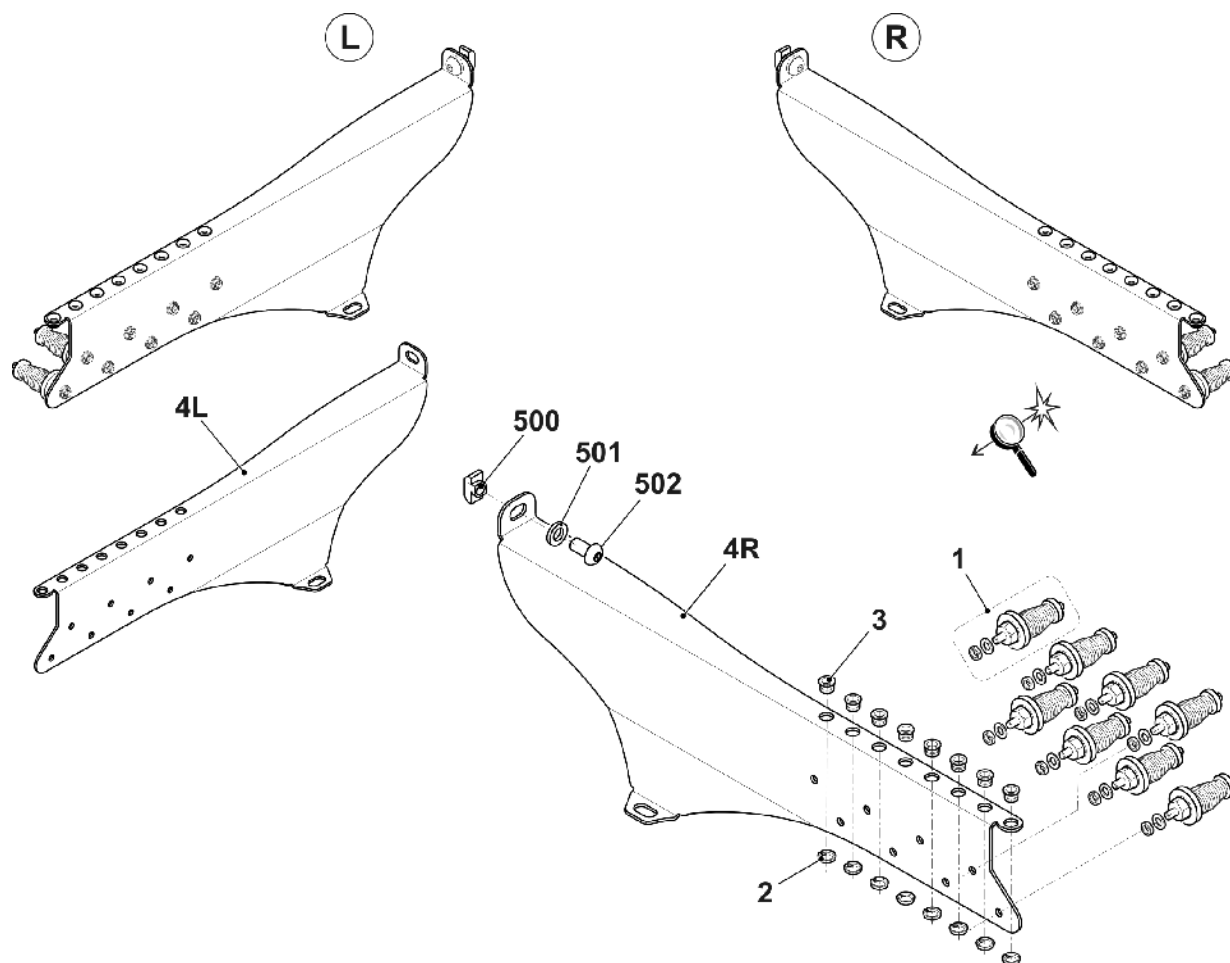
17.10 Storage feed wheel MSF-3 complete E10-18

Pos	Designation	ID	Note
Σ	Assembly kit MSF-3 complete E10-18 EP	268 499	Please order the MSF-3 spare parts at: MEMMINGER-IRO GMBH Jakob-Mutz-Strasse 7 D-72280 Dornstetten Tel.: +49 (0)7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the MSF-3 spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Assembly kit MSF-3 complete single-phase	267 359	
2	Support yarn brake 502 complete	260 727	
3	Stopping device on the right complete E10-18	265 599	
5*	Storage feed wheel	259 604	



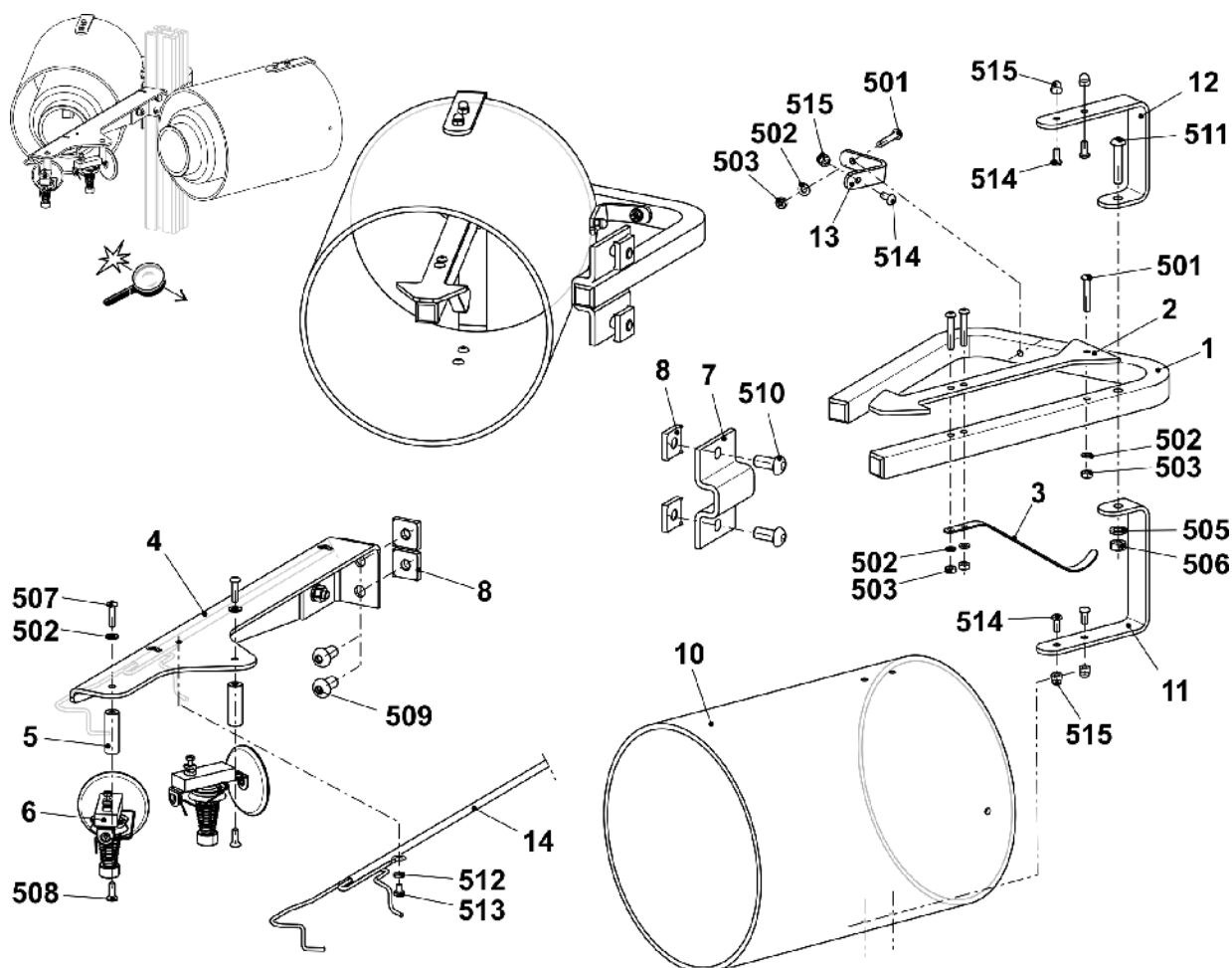
17.10.1 Stopping device E10-18

Pos	Designation	Id	Pos	Designation	Id
ΣL	Support yarn brake 502 complete	260 727	ΣR	Stopping device on the right complete E10-18	265 599
1	Yarn brakeE10-18	259 440	1	Yarn brakeE10-18	259 440
2	Clamping ring for sintered ceramics eye	269 606	2	Clamping ring for sintered ceramics eye	269 606
3	Eyelet 4,2	021 502	3	Eyelet 4,2	021 502
4L	Support yarn brake502	260 726	4R	Support right	265 598
500	Hammer-head nut M8	261 845	500	Hammer-head nut M8	261 845
501	Serrated lock washer J8,4	023 388	501	Serrated lock washer J8,4	023 388
502	Pan-head screw M8x16	023 113	502	Pan-head screw M8x16	023 113



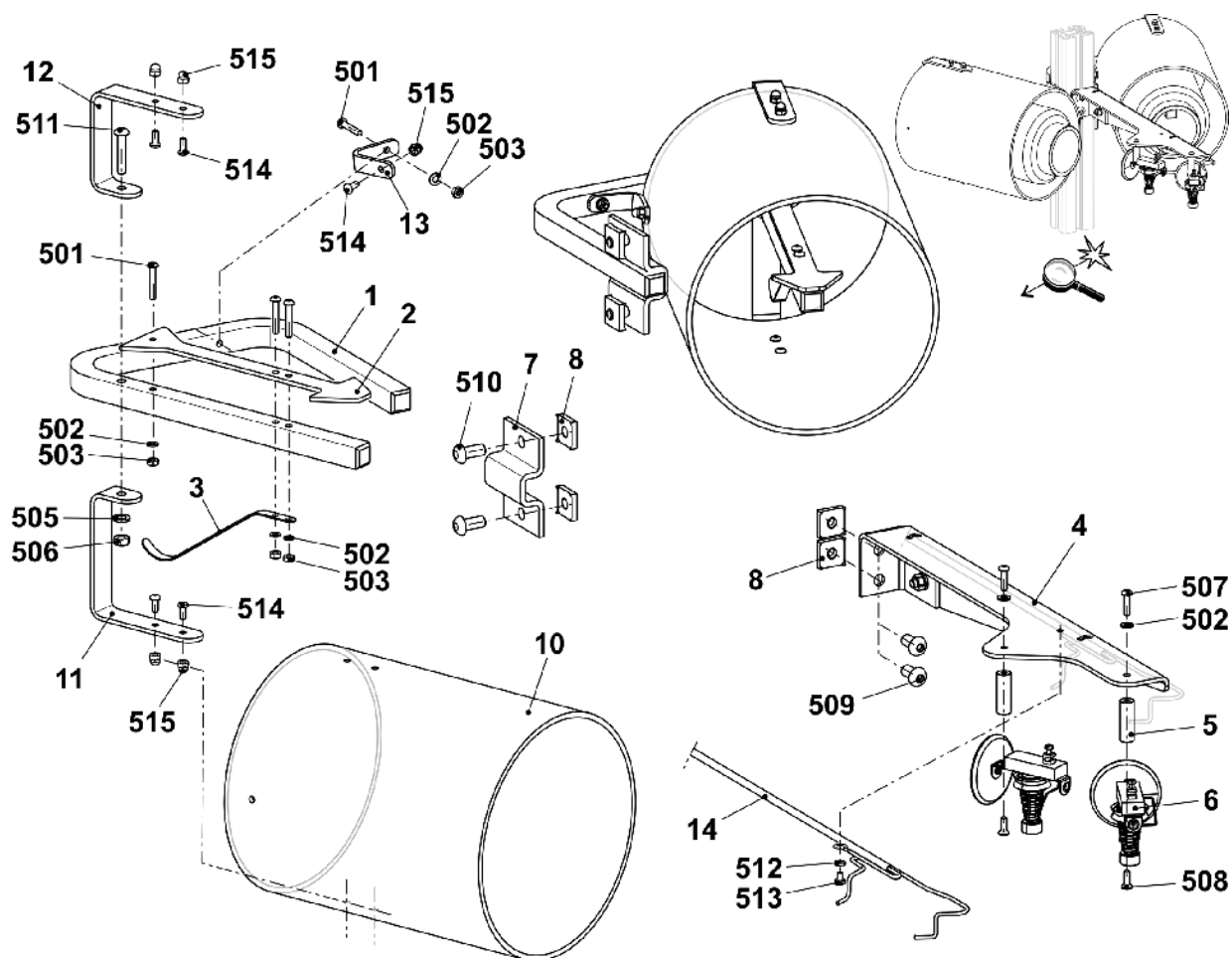
17.11 Bobbin holder on the left

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



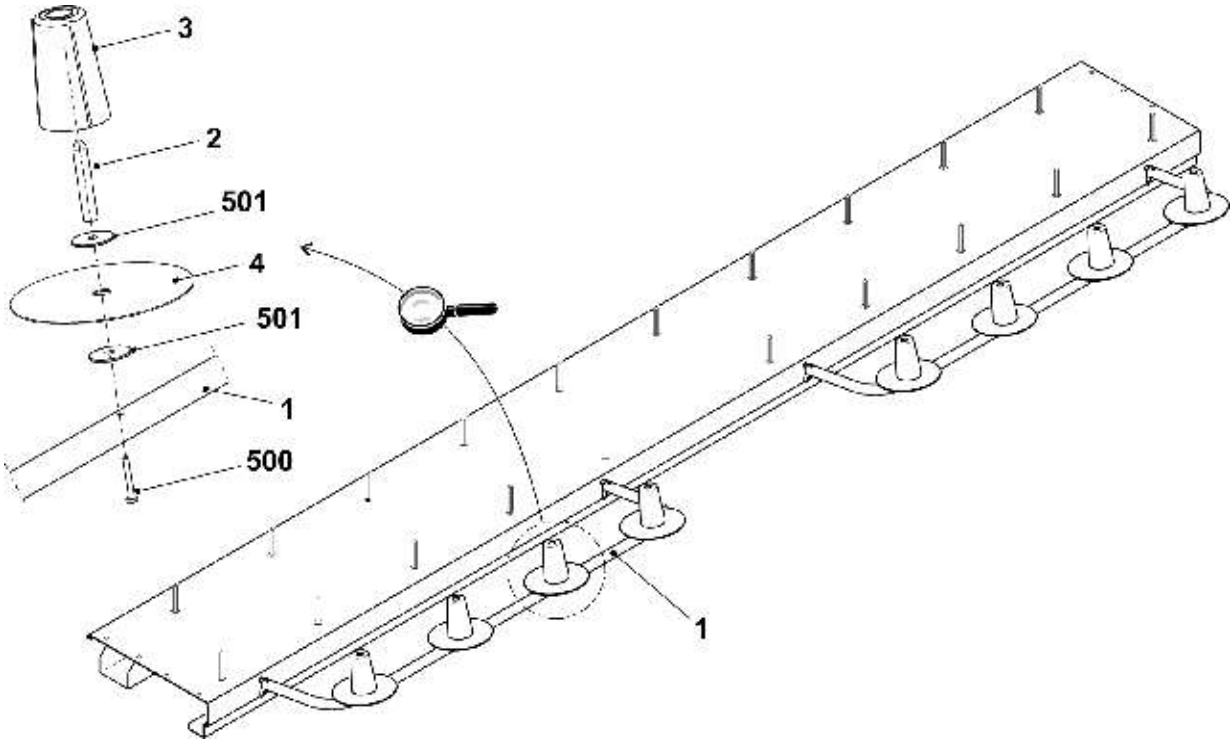
17.12 Bobbin holder on the right

Pos	Designation	ID	Pos	Designation	ID
Σ	Bobbin holder on the right	253 966	501	Pan-head screw M4x25	023 511
1	Support	253 969	502	Washer 4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	Washer 6	022 431
4	Support right	253 348	506	Hexagon nut M6-6	022 899
5	Spacer	253 349	507	Pan-head screw M4x16	023 412
6	Yarn detector Massardi	226 964	508	Pan-head screw M4x12	023 062
7	Clamp	228 583	509	Pan-head screw M8x16	023 113
8	Slot nut	228 851	510	Pan-head screw M8x18	251 331
10	Cover	253 968	511	Pan-head screw M6x30	023 451
11	Holding angle	253 964	512	Serrated lock washer A4,3	022 482
12	Holding angle	253 963	513	Pan-head screw M4x6	022 946
13	Holding angle	253 967	514	Pan-head screw M4x10	023 450
14	Cable plating	253 468	515	Cap nut M4-6	253 805



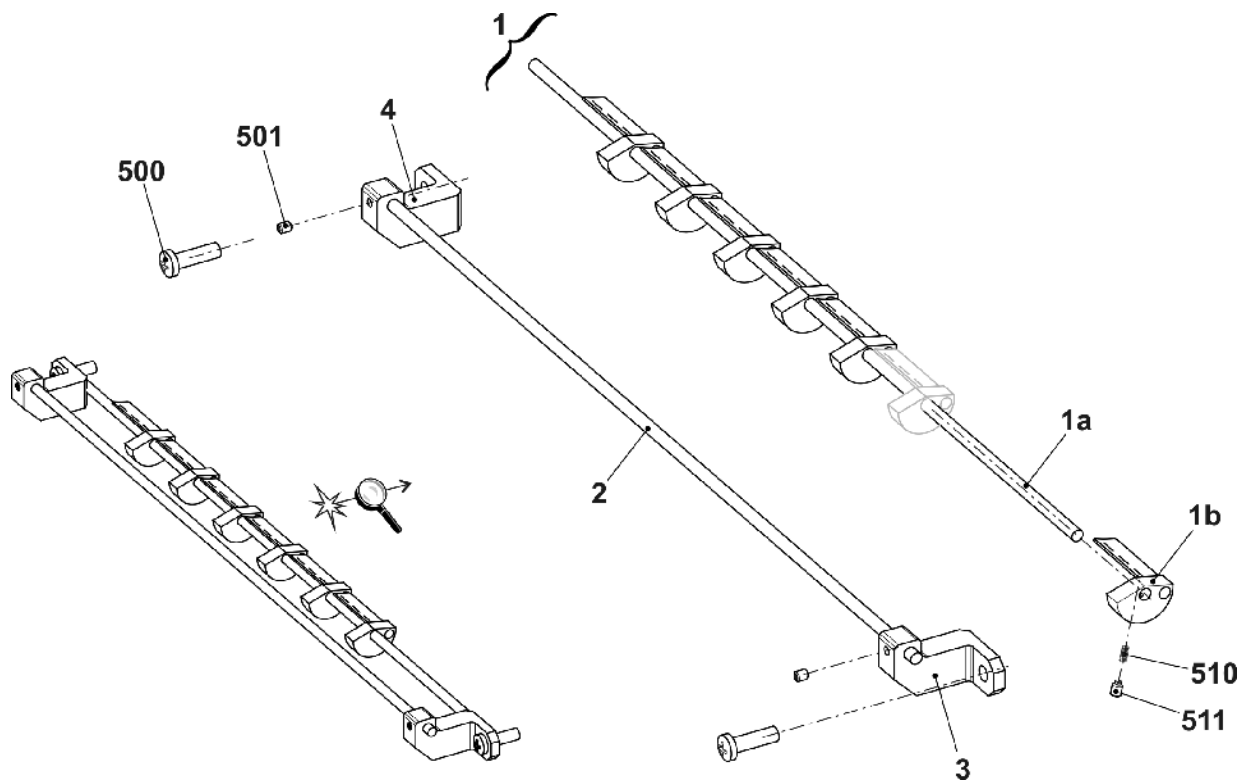
17.13 Additional bobbin board

Pos	Designation	Id	Pos	Designation	Id
Σ	Additional bobbin board 5XX	241 852			
1	Additional bobbin board welded	241 851	4	DiskD=130	062 385
2	Positioning pin	202 777	500	Pan-head screw M4x35	266 663
3	Bobbin support	200 363	501	Washer 5,3x30x1,25	023 556



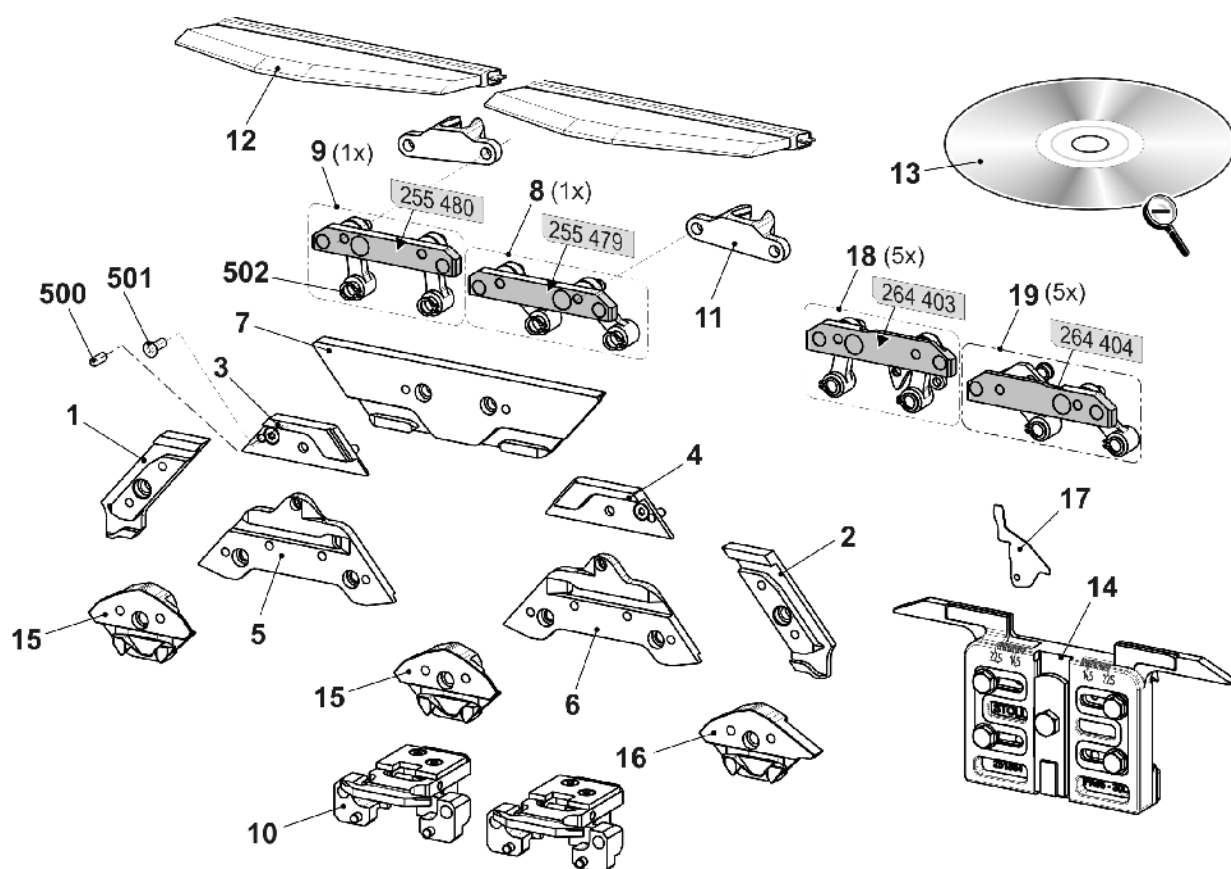
17.14 Sanding Paper Brake

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit sanding paper brake	257 674			
1	Axle complete	257 509	2	Shaft	241 318
1a	Shaft	241 318	3	Support sanding paper brake	257 586
1b	Adjusting part	257 508	4	Support sanding paper brake on the left	257 626
510	Compression spring 0,32x2,51x14,20	237 444	500	Screw KB 60x20	237 682
511	Setscrew M4x6	022 955	501	Setscrew M4x5	023 088



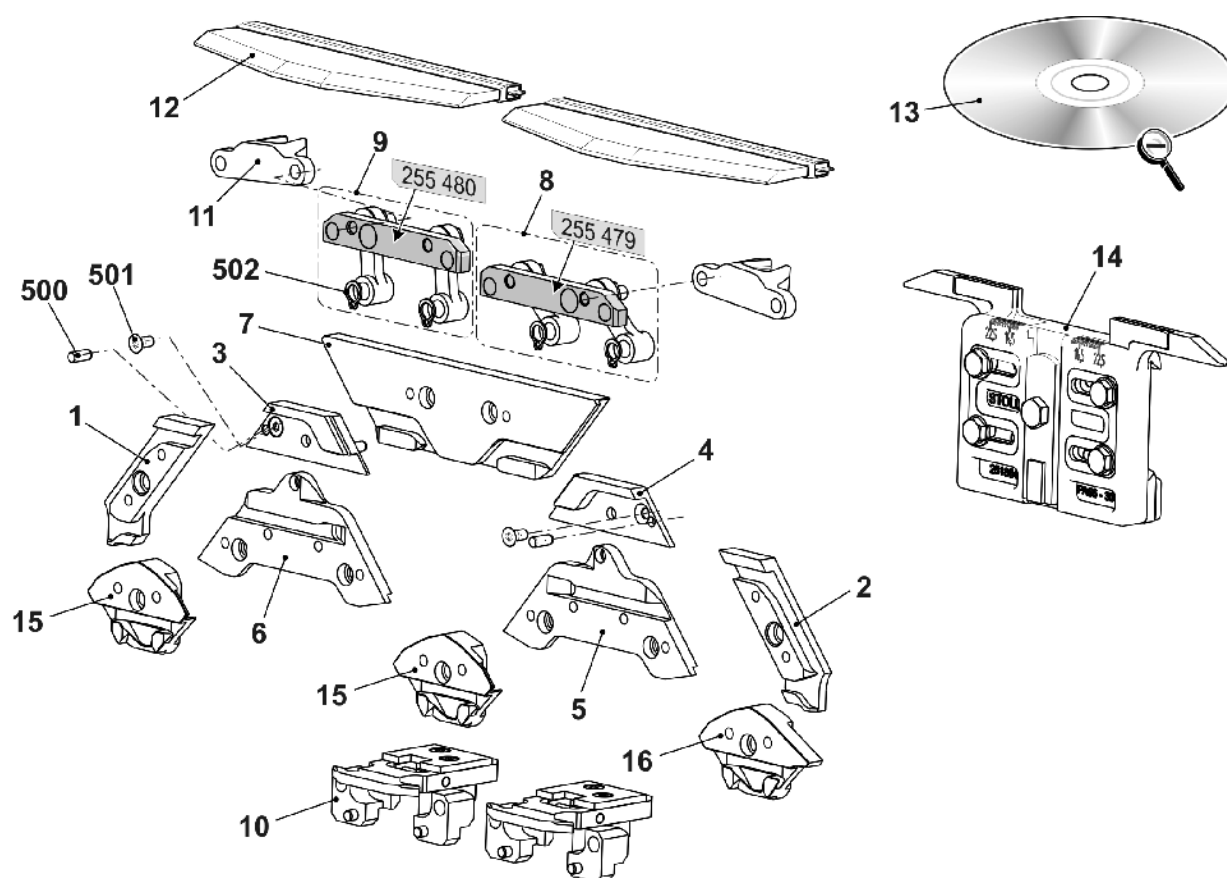
17.15 Devoré Kit E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Devoré Kit E6.2	264 513			
1	Stitch cam on the left	263 349	12	Brush	237 977
2	Stitch cam on the right	263 350	13	DVDConversion	260 696
3	Limiting cam on the left	263 747	14	Plating yarn carrier carriage complete	251 867
4	Limiting cam on the right	263 748	15	Knitting position cam	264 103
5	Raising cam on the left	264 496	16	Knitting position cam on the right	264 104
6	Raising cam on the right	264 497	17	Holding-down jack E6.2	237 852
7	Bridge	264 494	18	Slider on the left complete	264 488
8	Slider on the right complete	255 481	19	Slider on the right complete	264 489
9	Slider on the left complete	255 482	500	Dowel pin 3x7	020 643
10	Pressure part complete	263 482	501	Pan-head screw M3x6	020 286
11	Plunger wide	260 925	502	Retaining ring 5x0,6	023 347



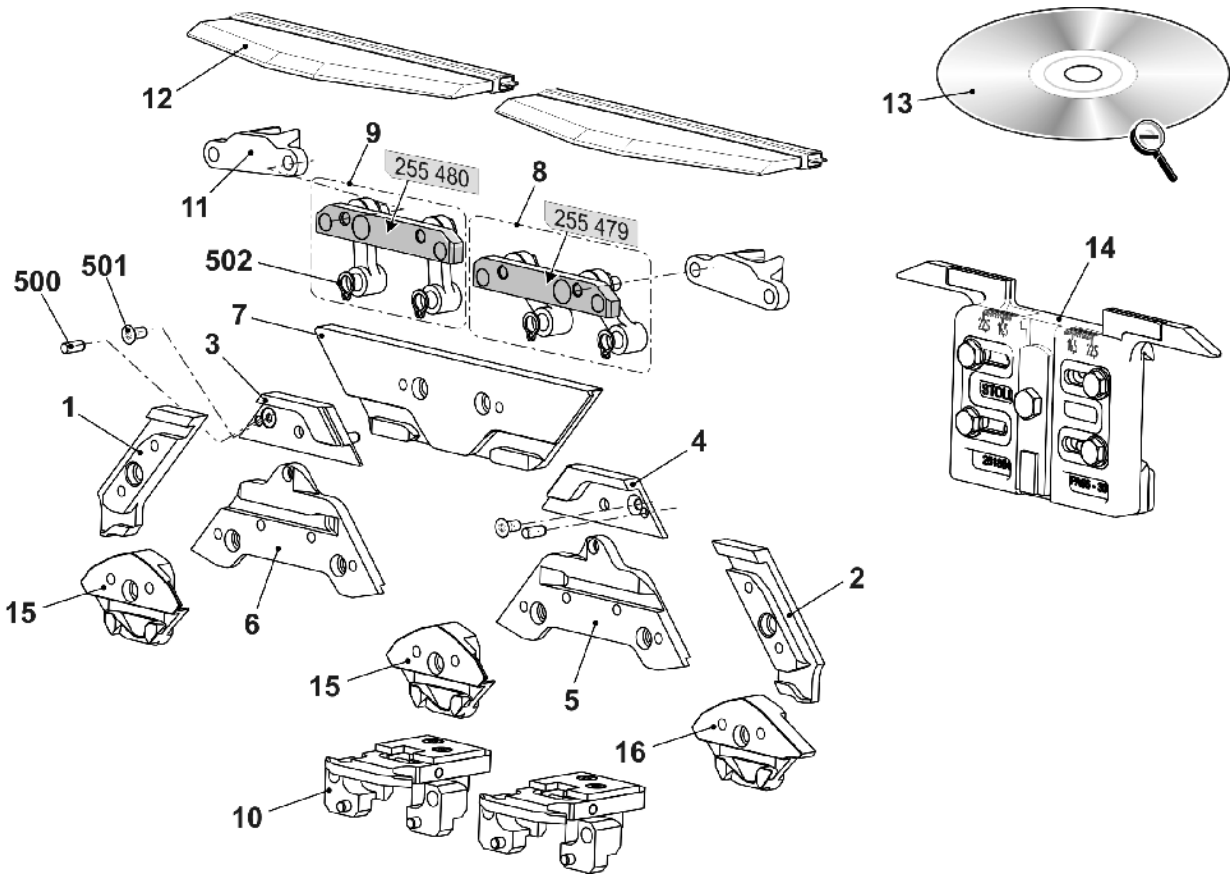
17.16 Devoré Kit E7.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Devoré Kit	263 655	10	Pressure part complete	263 482
1	Stitch cam on the left	263 349	11	Plunger wide	260 925
2	Stitch cam on the right	263 350	12	Brush	237 977
3	Limiting cam on the left	263 747	13	Conversion DVD	260 696
4	Limiting cam on the right	263 748	14	Plating yarn carrier carriage complete	251 867
5	Raising cam on the left	264 259	15	Knitting position cam	264 103
6	Raising cam on the right	264 260	16	Knitting position cam on the right	264 104
7	Bridge	263 808	500	Dowel pin 3x7	020 643
8	Slider on the right complete	255 481	501	Pan-head screw M3x6	020 286
9	Slider on the left complete	255 482	502	Retaining ring 5x0,6	023 347



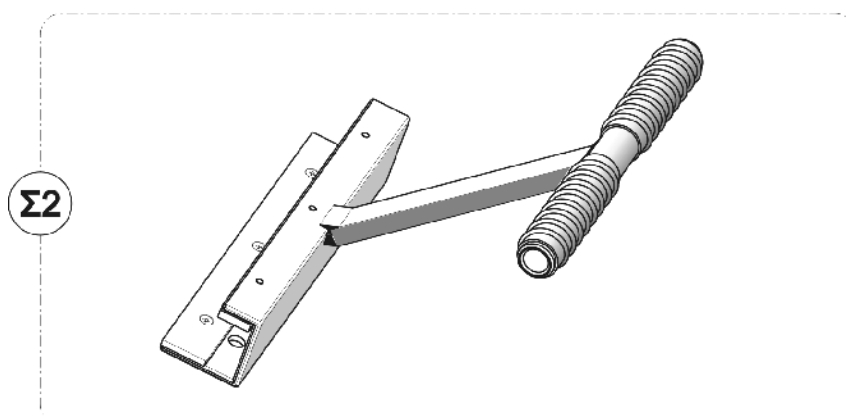
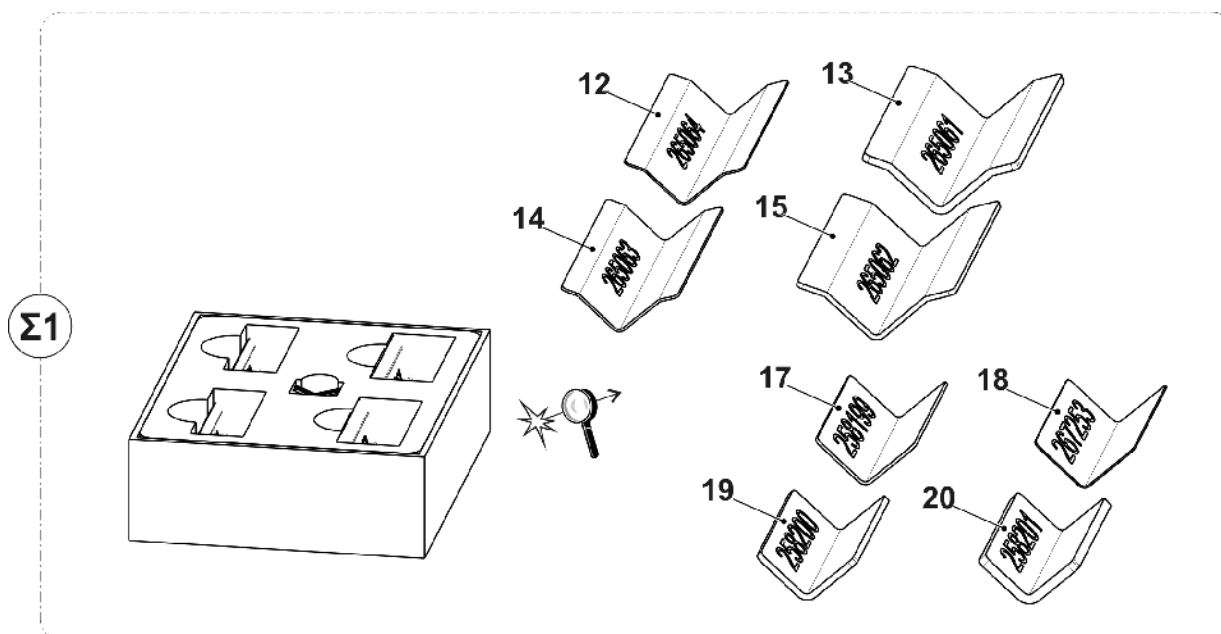
17.17
Devoré Kit E10 | E12 | E14

Pos	Designation	Id	Pos	Designation	Id
Σ	Devoré Kit	264 083	10	Pressure part complete	263 482
1	Stitch cam on the left	263 349	11	Plunger wide	260 925
2	Stitch cam on the right	263 350	12	Brush	237 977
3	Limiting cam on the left	263 747	13	Conversion DVD	260 696
4	Limiting cam on the right	263 748	14	Plating yarn carrier carriage complete	251 867
5	Raising cam on the left	264 079	15	Knitting position cam	264 103
6	Raising cam on the right	264 080	16	Knitting position cam on the right	264 104
7	Bridge	263 808	500	Dowel pin 3x7	020 643
8	Slider on the right complete	255 481	501	Pan-head screw M3x6	020 286
9	Slider on the left complete	255 482	502	Retaining ring5x0,6	023 347



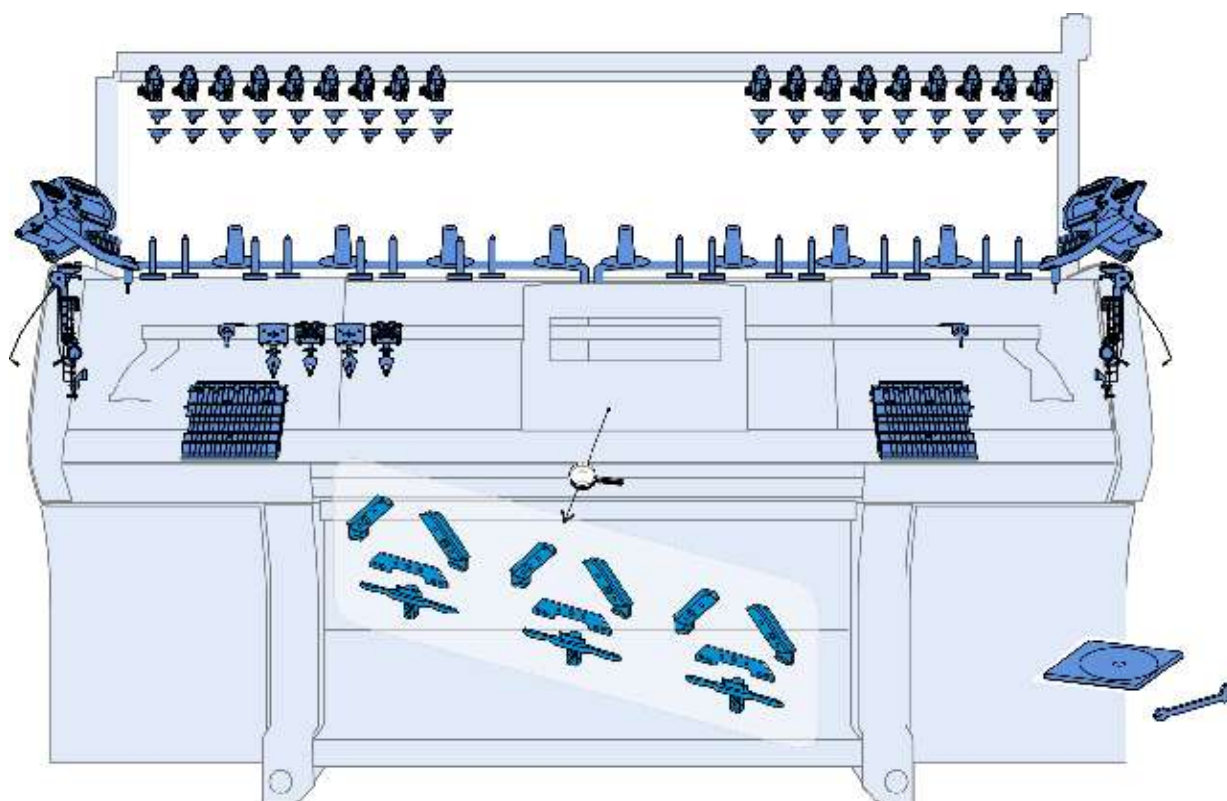
17.18 Adjusting plates, Device needle bed complete

Pos	Designation	Id	Pos	Designation	Id
Σ1	Yarn carrier adjusting plate set	266 736			
12	Adjusting plate E16-18	265 064	17	Adjusting plate V 0,25	267 253
13	Adjusting plate E3-4	265 061	18	Adjusting plate V 0,5	258 199
14	Adjusting plate E10-14	265 063	19	Adjusting plate V 1	258 200
15	Adjusting plate E2,5.2-8	265 062	20	Adjusting plate V 1,5	258 201
Σ2	Device needle bed complete	263 625			



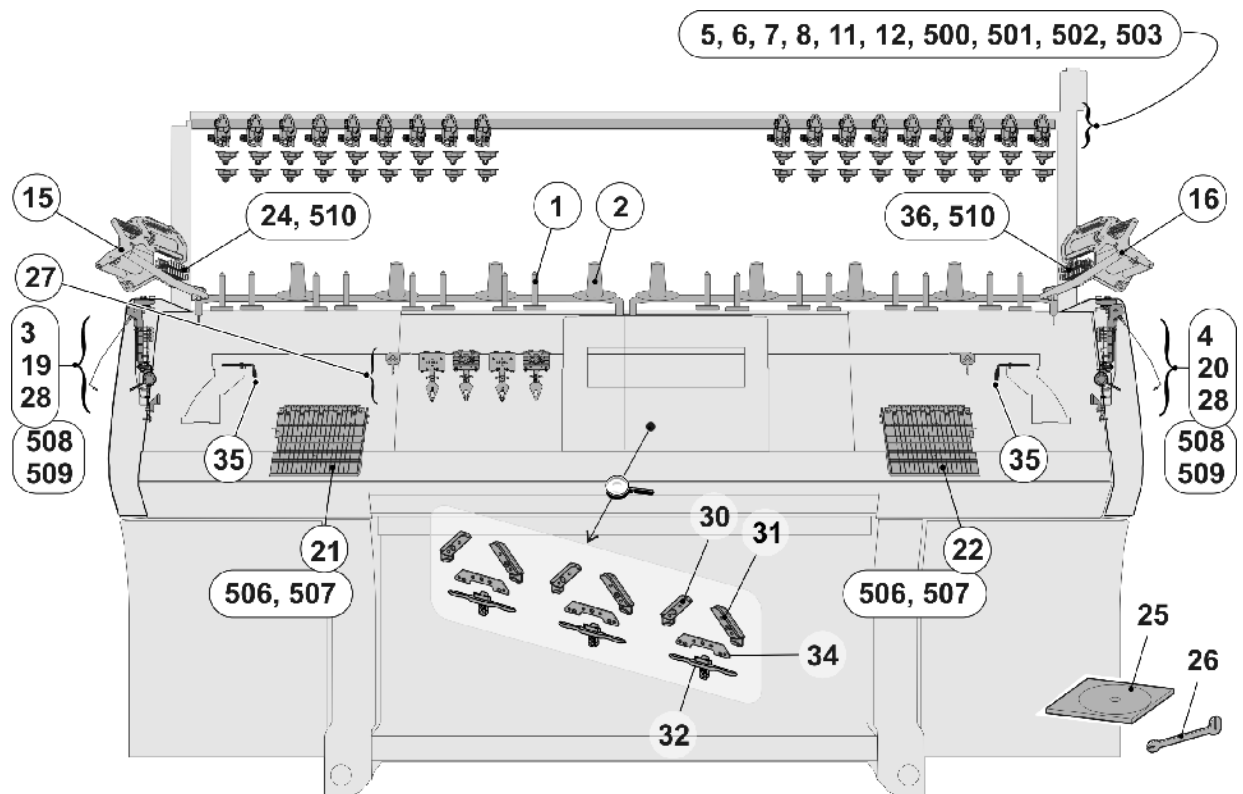
18 Conversion kit with 32 and 24 IFF Type 2

	Designation	ID
24 IFF:	Conversion kit 32 IFF Type2 E10 E12 E14	257 442
	Conversion kit 24 IFF Type 2 E16 E18	257 443
	Conversion kit 24 IFF Type 2 E6.2	257 445
	Conversion kit 24 IFF Type2 E7.2 E6.2(12m.10) E14/12	257 449
	Conversion kit 24 IFF Type 2 E8.2	257 450
32 IFF:	Conversion kit 32 IFF Type2 E10 E12 E14	257 381
	Conversion kit 32 IFF Type2 E16 E18	257 382
	Conversion kit 32 IFF Type 2 E6.2	257 441
	Conversion kit 32 IFF Type2 E7.2 E6.2(12m.10) E14/12	256 990
	Conversion kit 32 IFF Type2 E8.2	257 178



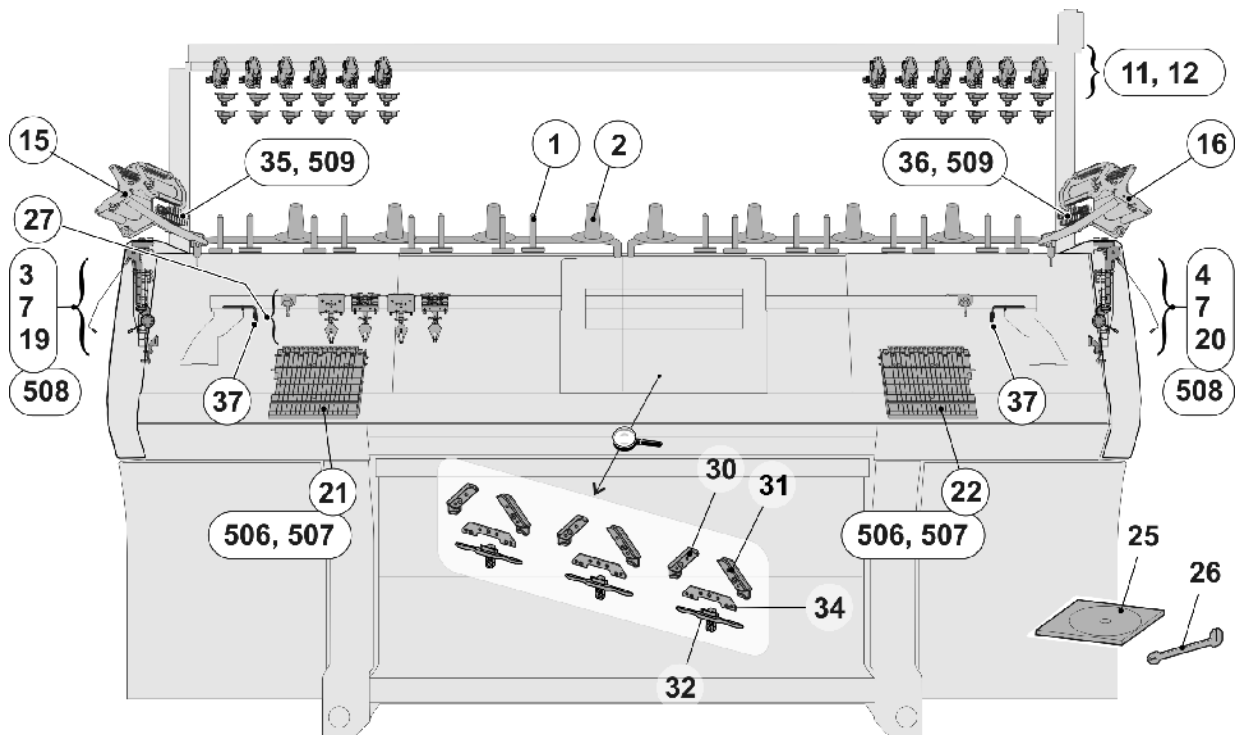
18.1 Overview of conversion kit with 24 IFF E10 E12 E14 E16 E18 E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2				
	E10 E12 E14	257 442	25	DVD instructions conversion kit IFF	245 169
	E16 E18	257 443	26	Adjusting part for yarn carrier bow	250 119
	E8.2	257 450	27	Yarn guide complete E10-14 IFF 24 (E8.2)	256 936
1	Magnetic holder complete	229 373		Yarn guide complete E16-18 IFF 24	256 937
2	Additional bobbin board 50" IFF complete	244 424	28	Ceramic eyelet	240 640
3	Yarn tensioner on the left complete E10-18	258 461	30	Stitch cam on the left short tuck E10-14+7.2	255 428
4	Yarn tensioner on the right complete E10-18	258 463		Stitch cam on the left short tuck E16-18+8.2	255 547
5	Yarn guide bar 50"	240 324	31	Stitch cam on the right short tuck E10-14+7.2	255 429
6	Support on the left	243 602		Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support on the right	243 603	32	Pressure cam short tuck	255 430
8	Straps	239 295	34	Raising cam plate	256 491
11	Yarn control unit	237 124	35	Yarn guide bracket complete	259 403
12	Yarn guide bracket complete	241 581	36	Stopping device 16-fold on the right complete	266 519
15	Friction feed wheel 16 fold on the left complete	244 991	500	Self-locking screw M6x12	023 415
16	Friction feed wheel 16 fold on the right complete	244 992	501	Serrated nut M6-10	023 414
19	Yarn deflector on the left complete	265 294	502	Square nut M8	023 269
20	Yarn deflector on the right complete	265 381	503	Pan head screw M8x16	023 113
21	Left clamping and cutting bed E10-14	270 319	506	Dowel pin 6x16	020 677
	Left clamping and cutting bed E16-18 E8.2	270 321	507	Screw M6x20	244 824
22	Clamping and cutting bed on the right E10-14	270 318	508	Screw 6x20	265 379
	Clamping and cutting bed on the right E16-18 E8.2	270 320	509	Washer 6	022 537
24	Stopping device 16-fold	259 455	510	Pan head screw M5x10	023 247



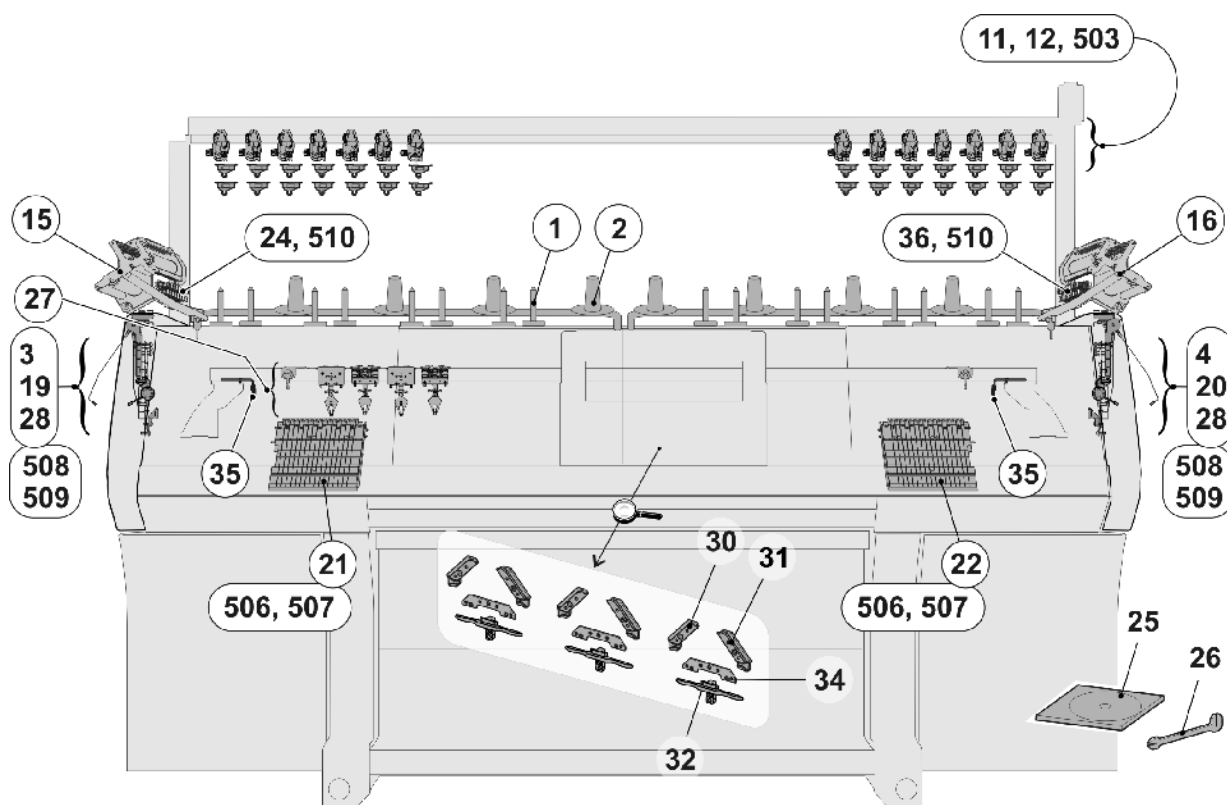
18.2 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2E6.2	257 445	25	DVD instructions conversion kit IFF	245 169
1	Magnetic holder complete	229 373	26	Adjusting part for yarn carrier bow	250 119
2	Additional bobbin board 50" IFF complete	244 424	27	Yarn guide complete E7-8 IFF 24	256 935
3	Yarn tensioner on the left complete E7-8	244 499	30	Stitch cam on the left short tuck E6.2	255 551
4	Yarn tensioner on the right complete E7-8	244 502	31	Stitch cam on the right short tuck E6.2	255 552
7	Ceramic eyelet	240 640	32	Pressure cam short tuck E6.2	255 430
11	Yarn control unit	237 124	34	Raising cam plate	256 491
12	Yarn guide bracket complete	241 581	35	Stopping device 16-fold on the left complete E3-8	265 382
15	Friction feed wheel 16 fold on the left complete	244 991	36	Stopping device 16-fold on the right complete E3-8	265 383
16	Friction feed wheel 16 fold on the right complete	244 992	37	Yarn guide bracket complete	259 403
19	Yarn deflector on the left complete	265 294	506	Dowel pin 6x16	020 677
20	Yarn deflector on the right complete	265 381	507	Screw M6x20	244 824
21	Left clamping and cutting bed E10-14	270 319	508	Screw 6x20	265 379
22	Clamping and cutting bed on the right E10-14	270 318	509	Pan head screw M5x10	023 247



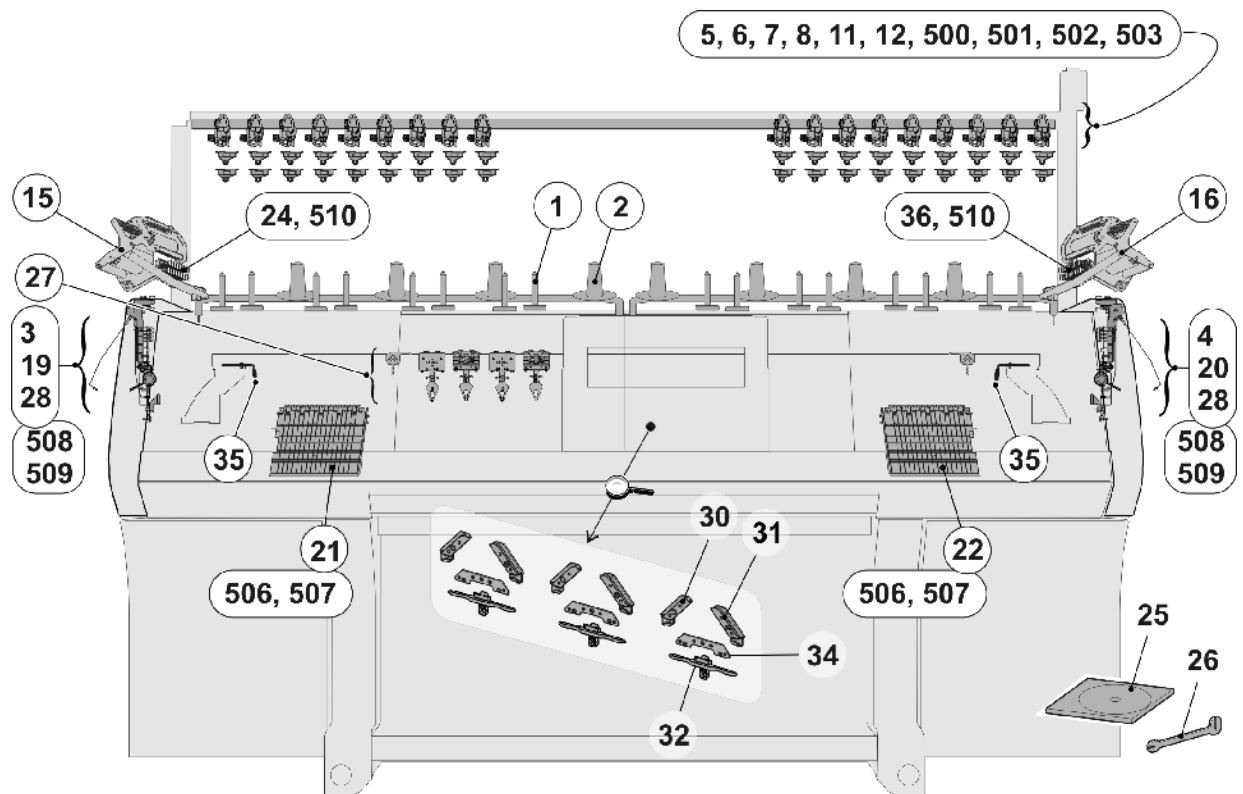
18.3 Overview of conversion kit with 24 IFF E7.2 | E6.2(12m.10) | E14/12

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E7.2 E6.2(12m.10) E14/12	257 449			
1	Magnetic holder complete	229 373	26	Adjusting part for yarn carrier bow	250 119
2	Additional bobbin board 50" IFF complete	244 424	27	Yarn guide complete E10-14 IFF 24	256 936
3	Yarn tensioner on the left complete E10-18	258 461	28	Ceramic eyelet	240 640
4	Yarn tensioner on the right complete E10-18	258 463	30	Stitch cam on the left short tuck E10-14+7.2	255 428
11	Yarn control unit	237 124	31	Stitch cam on the right short tuck E10-14+7.2	255 429
12	Yarn guide bracket complete	241 581	32	Pressure cam short tuck	255 430
15	Friction feed wheel 16 fold on the left complete	244 991	34	Raising cam plate	256 491
16	Friction feed wheel 16 fold on the right complete	244 992	35	Yarn guide bracket complete	259 403
19	Yarn deflector on the left complete	265 294	36	Stopping device 16-fold on the right complete	266 519
20	Yarn deflector on the right complete	265 381	503	Pan head screw M8x16	023 113
21	Left clamping and cutting bed E10-14	270 319	506	Dowel pin 6x16	020 677
22	Clamping and cutting bed on the right E10-14	270 318	507	Screw M6x20	244 824
24	Stopping device 16-fold complete	259 455	508	Screw 6x20	265 379
25	DVD instructions conversion kit IFF	245 169	509	Washer 6	022 537
			510	Pan head screw M5x10	023 247



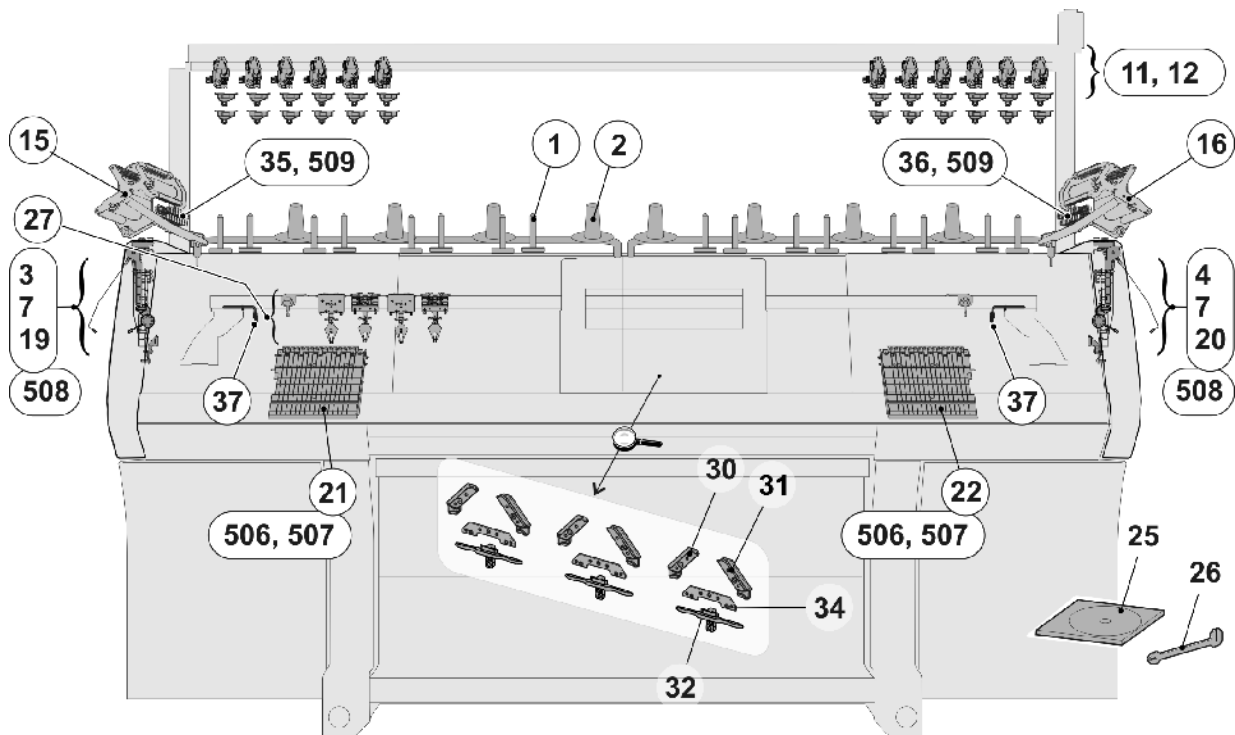
18.4 Overview of conversion kit with 32 IFF E10 E12 | E14 | E16 | E18 | E8.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 IFF Type 2				
	E10 E12 E14	257 381	25	DVD instructions conversion kit IFF	245 169
	E16 E18	257 382	26	Adjusting part for yarn carrier bow	250 119
	E8.2	257 178	27	Yarn guide complete E10-14 IFF E8.2	245 163
1	Magnetic holder complete	229 373		Yarn guide complete IFF E16-18	245 164
2	Additional bobbin board 50" IFF complete	244 424	28	Ceramic eyelet	240 640
3	Yarn tensioner on the left complete E10-18	258 461	30	Stitch cam on the left short tuck E10-14+7.2	255 428
4	Yarn tensioner on the right complete E10-18	258 463		Stitch cam on the left short tuck E16-18+8.2	255 547
5	Yarn guide bar 50"	240 324	31	Stitch cam on the right short tuck E10-14+7.2	255 429
6	Support on the left	243 602		Stitch cam on the right short tuck E16-18+8.2	255 548
7	Support on the right	243 603	32	Pressure cam short tuck	255 430
8	Straps	239 295	34	Raising cam plate	256 491
11	Yarn control unit	237 124	35	Yarn guide bracket complete	259 403
12	Yarn guide bracket complete	241 581	36	Stopping device 16-fold on the right complete	266 519
15	Friction feed wheel 16 fold on the left complete	244 991	500	Self-locking screw M6x12	023 415
16	Friction feed wheel 16 fold on the right complete	244 992	501	Serrated nut M6-10	023 414
19	Yarn deflector on the left complete	265 294	502	Square nut M8	023 269
20	Yarn deflector on the right complete	265 381	503	Pan head screw M8x16	023 113
21	Left clamping and cutting bed E10-14	270 319	506	Dowel pin 6x16	020 677
	Left clamping and cutting bed E16-18 E8.2	270 321	507	Screw M6x20	244 824
22	Clamping and cutting bed on the right E10-14	270 318	508	Screw 6x20	265 379
22	Clamping and cutting bed on the right E16-18 E8.2	270 320	509	Washer 6	022 537
24	Stopping device 16-fold complete	259 455	510	Pan head screw M5x10	023 247



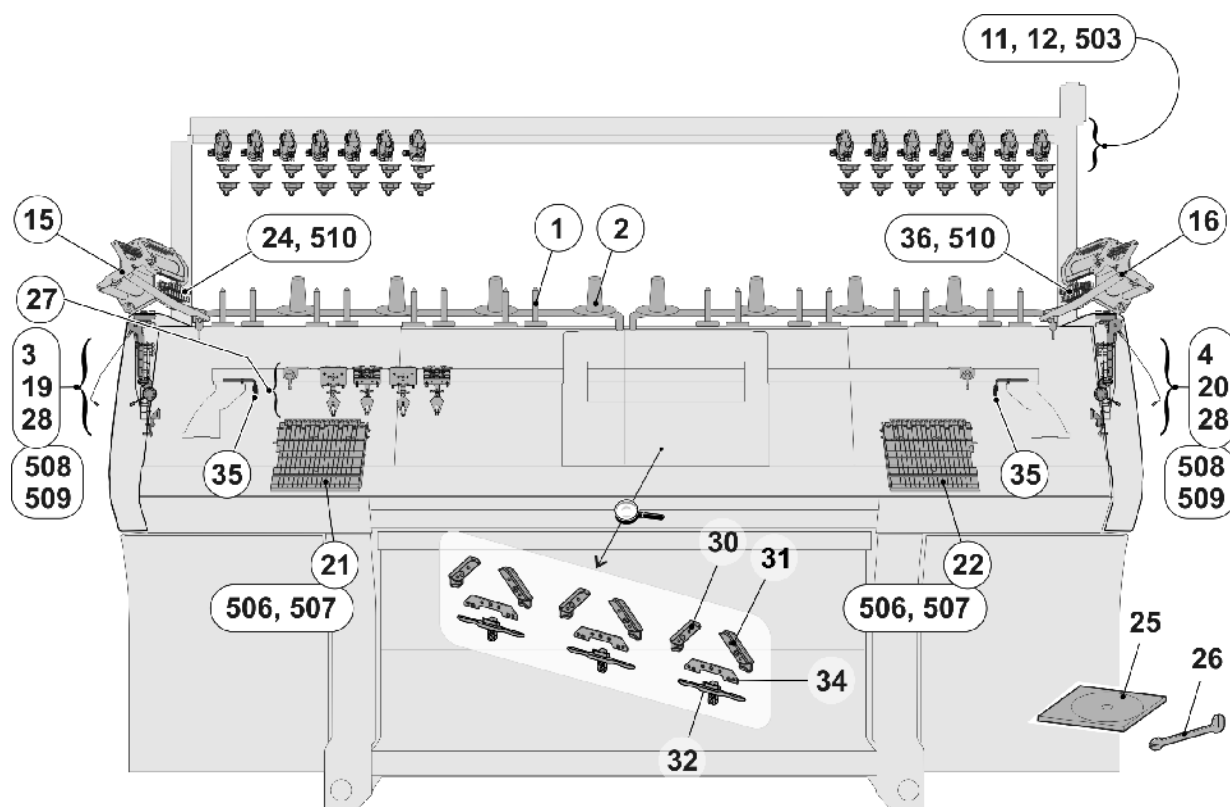
18.5 Overview of conversion kit with 32 IFF E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 IFF Type 2 E6.2	257 441	25	DVD instructions conversion kit IFF	245 169
1	Magnetic holder complete	229 373	26	Adjusting part for yarn carrier bow	250 119
2	Additional bobbin board 50" IFF complete	244 424	27	Yarn guide complete IFF E7-8	245 162
3	Yarn tensioner on the left complete E7-8	244 499	30	Stitch cam on the left short tuck E6.2	255 551
4	Yarn tensioner on the right complete E7-8	244 502	31	Stitch cam on the right short tuck E6.2	255 552
7	Ceramic eyelet	240 640	32	Pressure cam short tuck E6.2	255 430
11	Yarn control unit	237 124	34	Raising cam plate	256 491
12	Yarn guide bracket complete	241 581	35	Stopping device 16-fold on the left complete E3-8	265 382
15	Friction feed wheel 16 fold on the left complete	244 991	36	Stopping device 16-fold on the right complete E3-8	265 383
16	Friction feed wheel 16 fold on the right complete	244 992	37	Yarn guide bracket complete	259 403
19	Yarn deflector on the left complete	265 294	506	Dowel pin 6x16	020 677
20	Yarn deflector on the right complete	265 381	507	Screw M6x20	244 824
21	Left clamping and cutting bed E10-14	270 319	508	Screw 6x20	265 379
22	Clamping and cutting bed on the right E10-14	270 318	509	Pan head screw M5x10	023 247



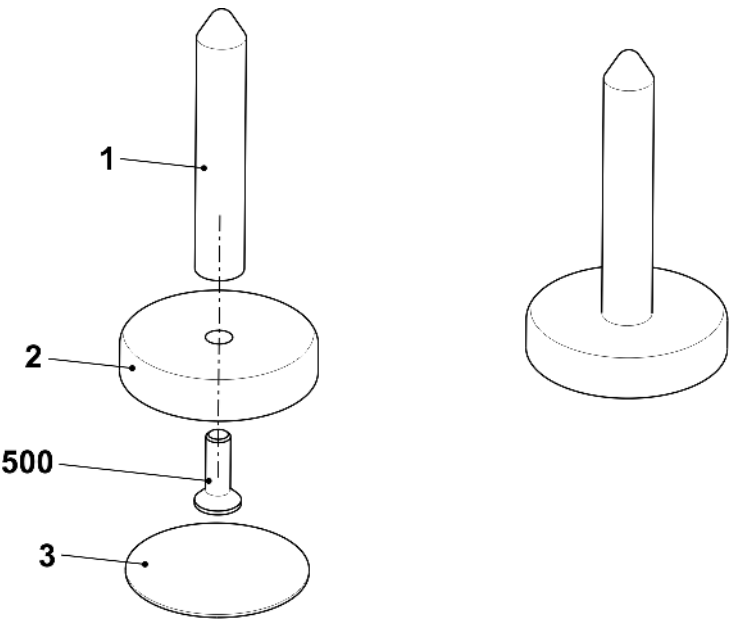
18.6 Overview of conversion kit with 32 IFF E7.2 | E6.2(12m.10) | E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Conversion kit 32 IFF Type 2	256 990	26	Adjusting part for yarn carrier bow	250 119
1	Magnetic holder complete	229 373	27	Yarn guide complete E10-14 IFF	245 163
2	Additional bobbin board 50" IFF complete	244 424	28	Ceramic eyelet	240 640
3	Yarn tensioner on the left complete E10-18	258 461	30	Stitch cam on the left short tuck E10-14+7.2	255 428
4	Yarn tensioner on the right complete E10-18	258 463	31	Stitch cam on the right short tuck E10-14+7.2	255 429
11	Yarn control unit	237 124	32	Pressure cam short tuck	255 430
12	Yarn guide bracket complete	241 581	34	Raising cam plate	256 491
15	Friction feed wheel 16 fold on the left complete	244 991	35	Yarn guide bracket complete	259 403
16	Friction feed wheel 16 fold on the right complete	244 992	36	Stopping device 16-fold on the right complete	266 519
19	Yarn deflector on the left complete	265 294	503	Pan head screw M8x16	023 113
20	Yarn deflector on the right complete	265 381	506	Dowel pin 6x16	020 677
21	Left clamping and cutting bed E10-14	270 319	507	Screw M6x20	244 824
22	Clamping and cutting bed on the right E10-14	270 318	508	Screw 6x20	265 379
24	Stopping device 16-fold complete	259 455	509	Washer 6	022 537
25	DVD instructions conversion kit IFF	245 169	510	Pan head screw M5x10	023 247



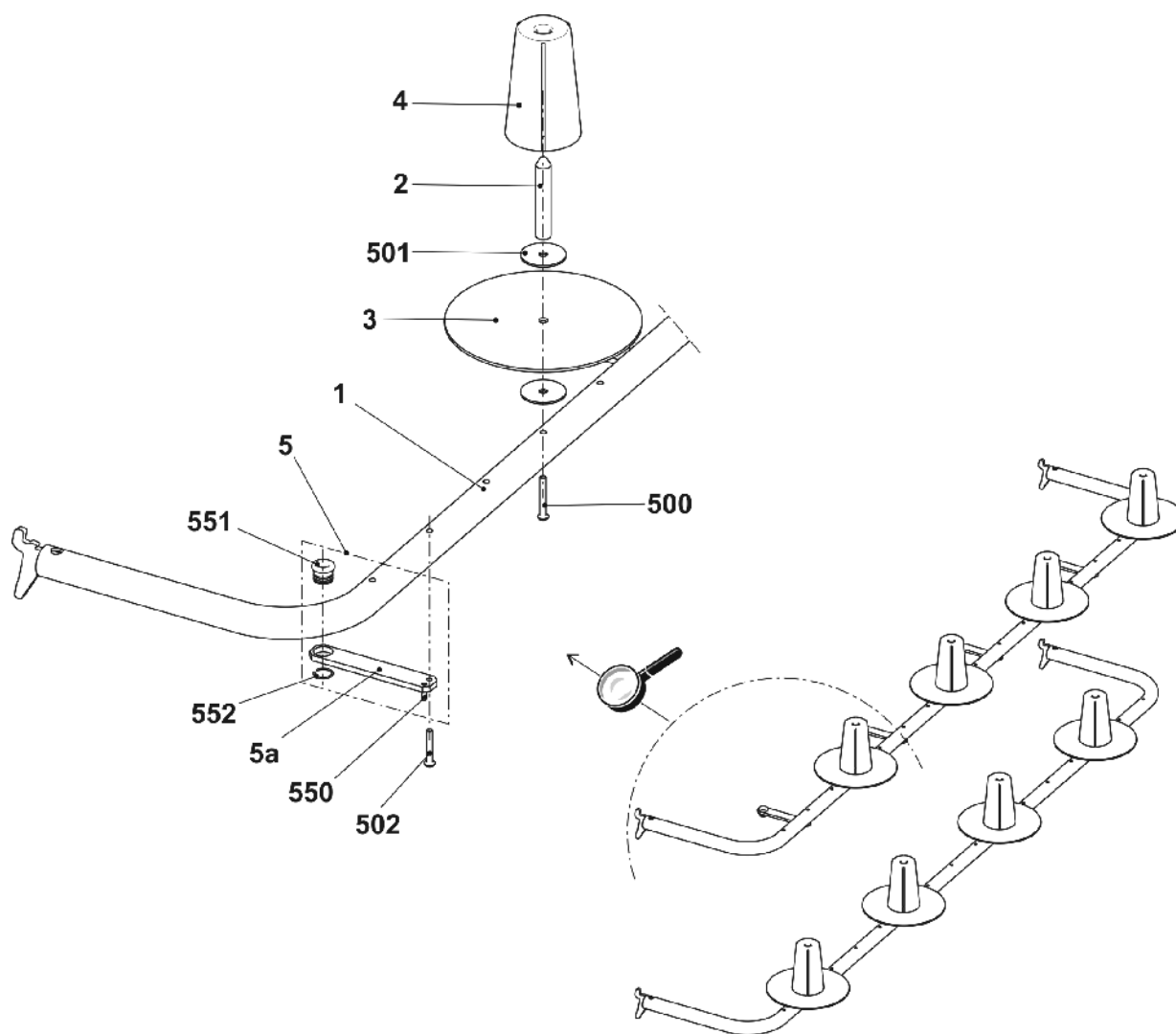
18.7 Magnet holder

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



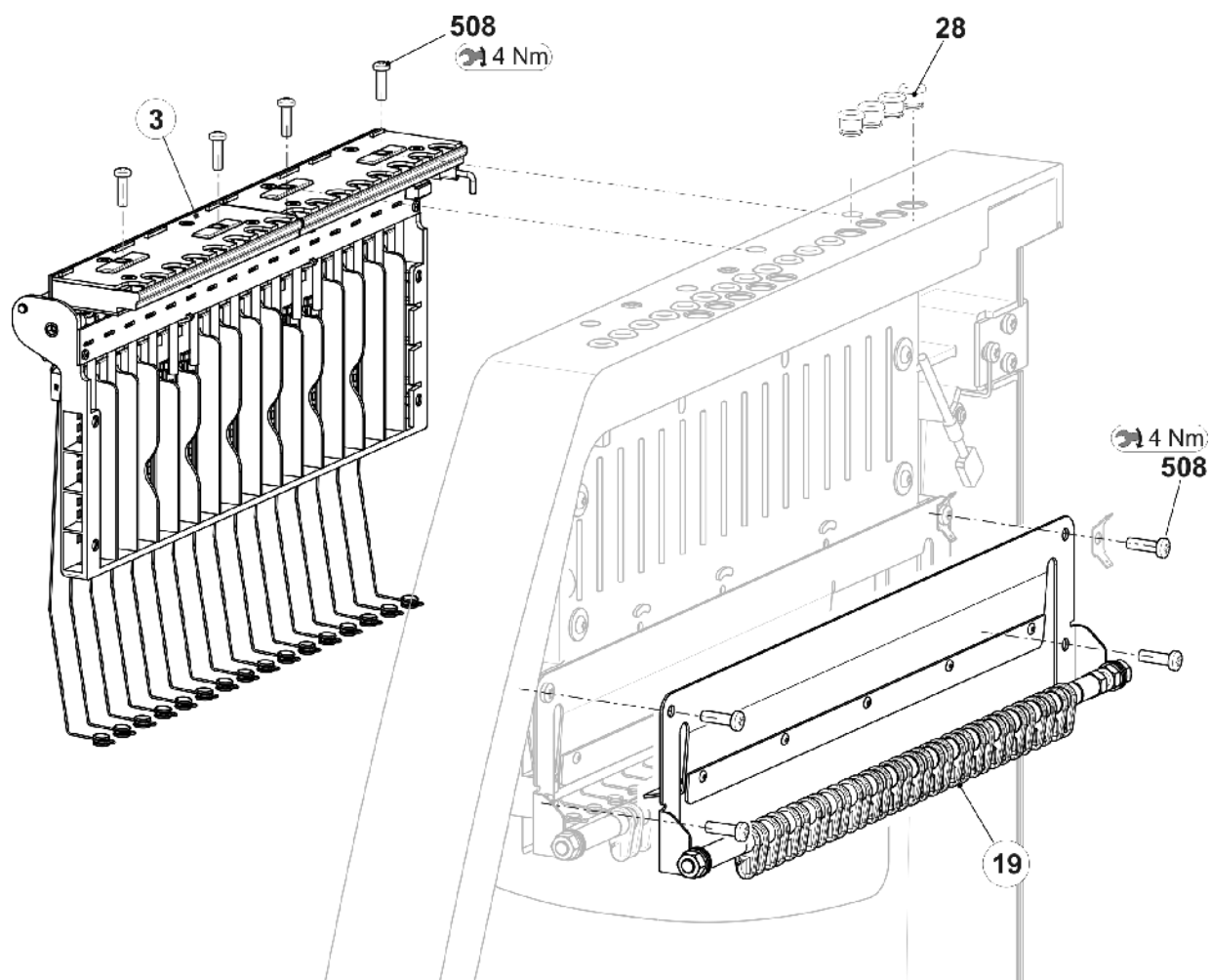
18.8 Additional bobbin board

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional bobbin board 50" IFF complete	244 424			
1	Additional bobbin board welded	243 608	5	550 Dowel pin 3x12	020 647
2	Positioning pin	202 777		551 Eyelet	021 504
3	DiskD=130	062 385		552 Snap ring A12	020 996
4	Bobbin support	200 363	500	Pan-head screw M4x30	023 681
5	Yarn guide	243 765	501	Washer 5,3x30x1,25	023 556
	5a Guide part	243 623	502	Pan-head screw M4x25	023 511



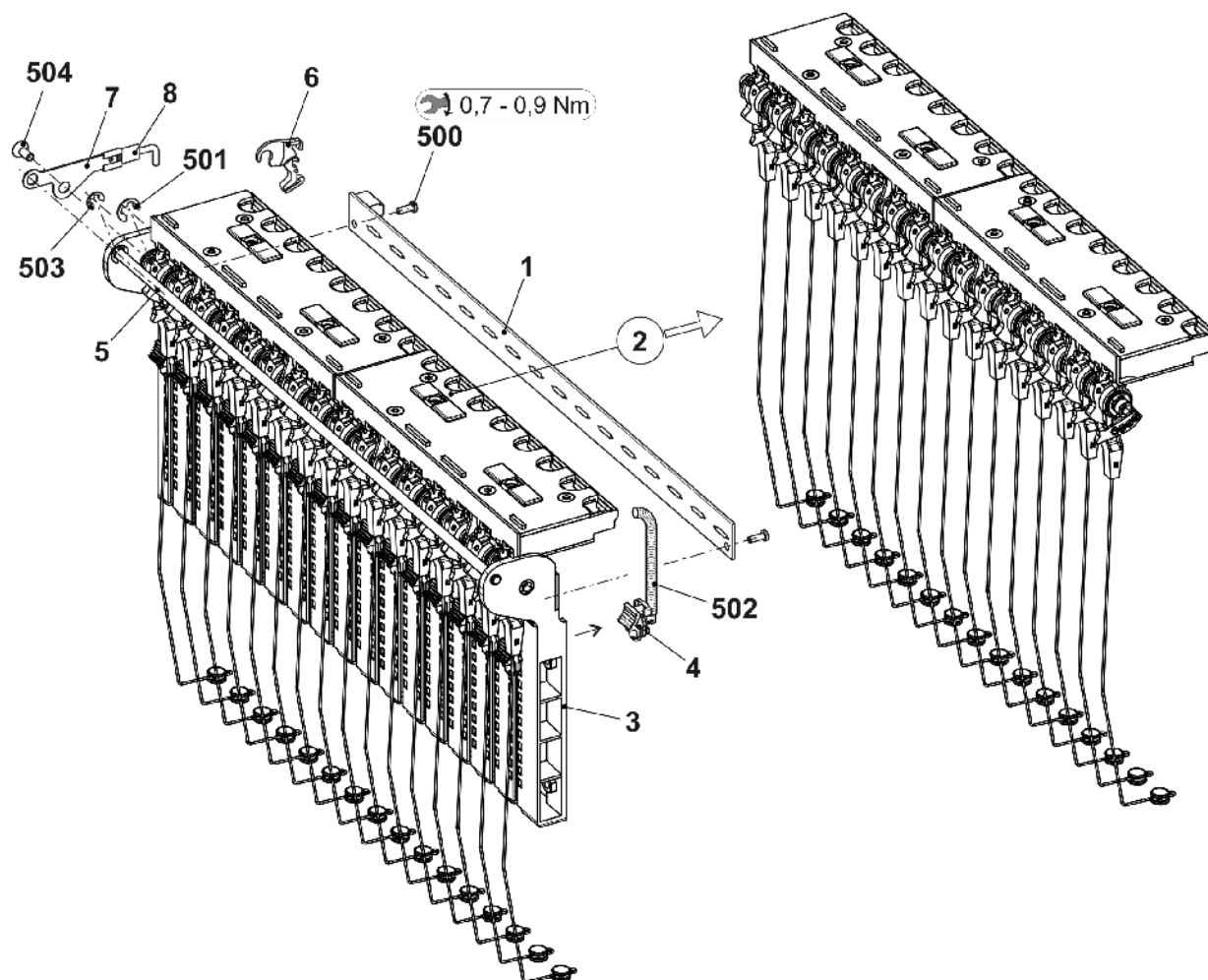
18.9 Parts for the left safety door

Pos	Designation	ID	Pos	Designation	ID
3	Yarn tensioner on the left complete E7-8 (E6.2)	244 499	28	Ceramic eyelet	240 640
	Yarn tensioner on the left complete E10-18	258 461	508	Screw 6x20	265 379
19	Yarn deflector on the left complete	265 294			



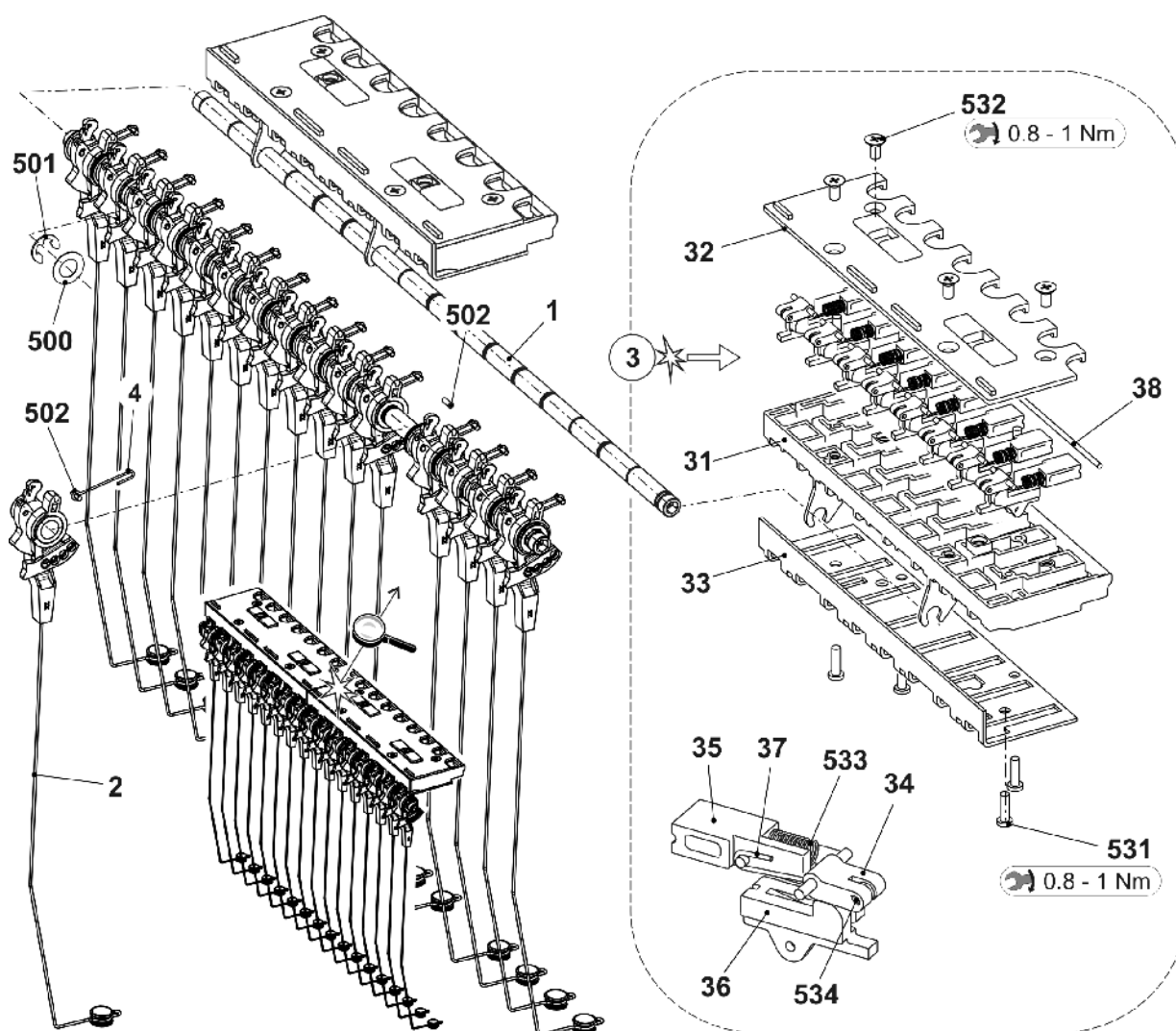
18.9.1 Yarn tensioner on the left E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)|E14/12

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 KB30x8	236 228
3	Housing	241 367	501	Circlip	021 022
4	Slider	241 694	502	Tension spring 4,9x0,45x53	023 504
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



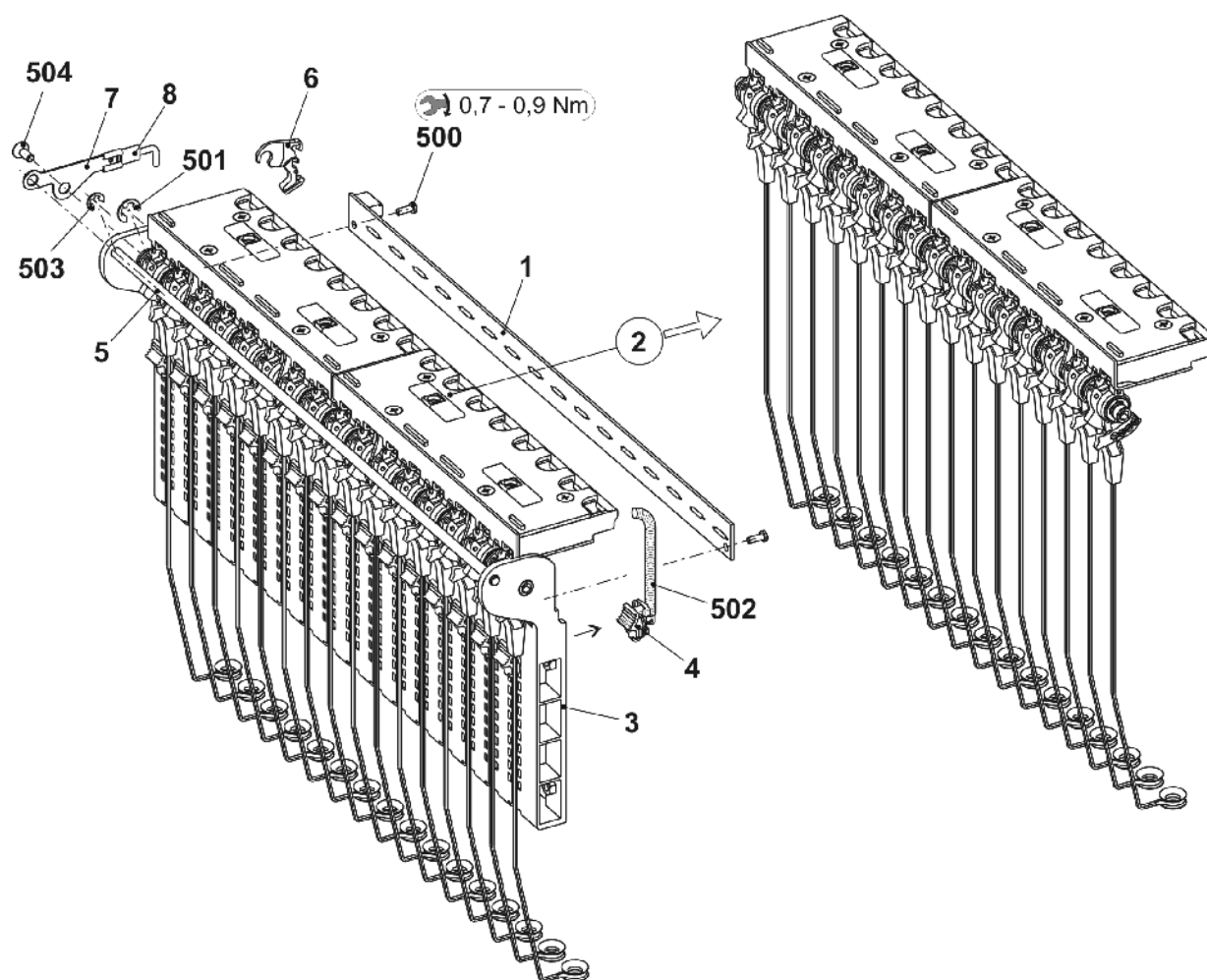
18.9.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)|E14/12

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle complete E10-18	258 460	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembled E10-18	258 459	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	Slider AKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	Housing AKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



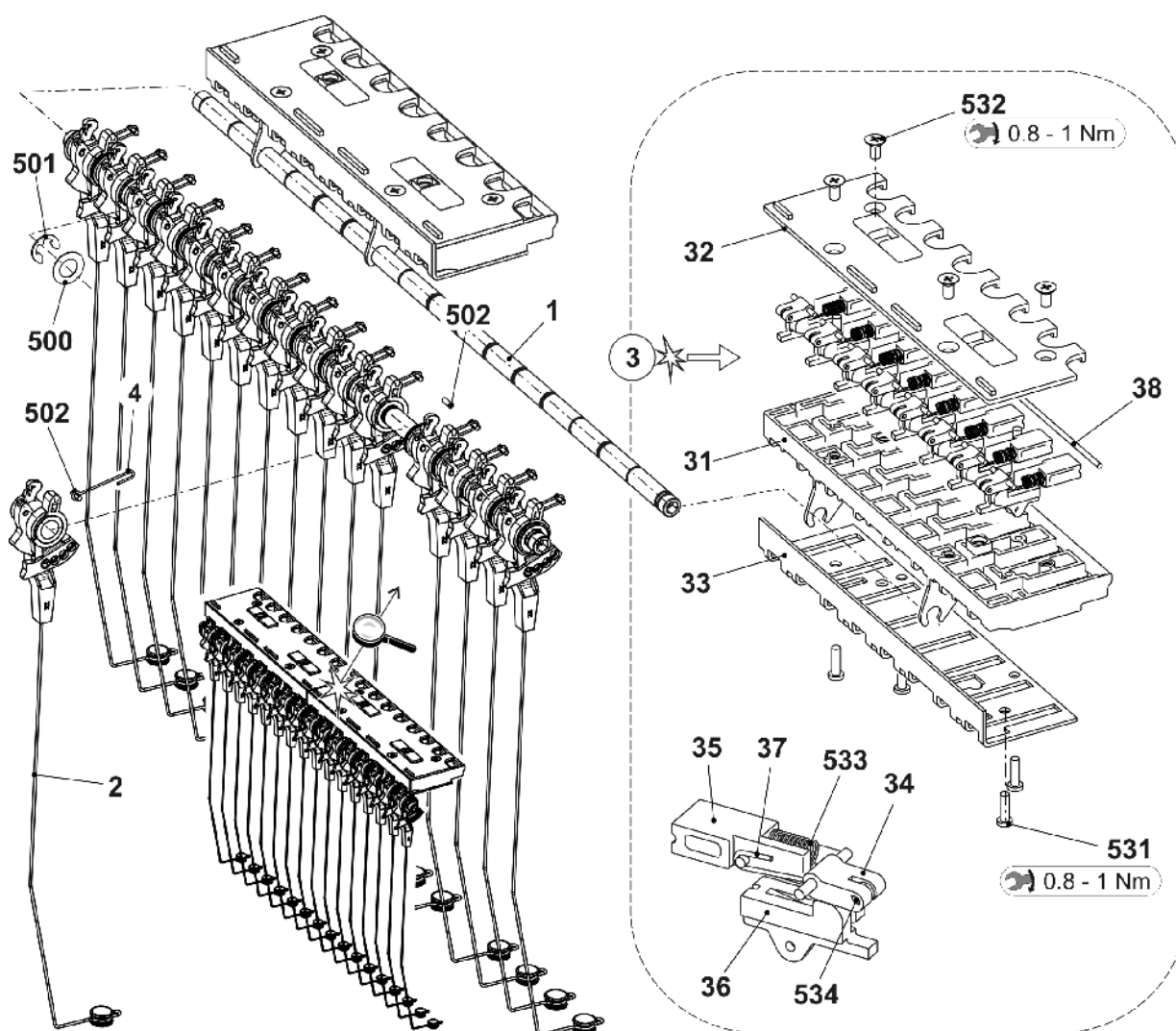
18.9.2 Yarn tensioner on the left E6.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn tensioner on the left complete E7-8	244 499	7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345	8	Ground cable yarn tensioner okc	243 105
2	Tension axle completeE3-8	244 494	500	Screw KB30x8	236 228
3	Housing	241 367	501	Circlip	021 022
4	Slider	241 694	502	Tension spring 4,9x0,5x53	023 503
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



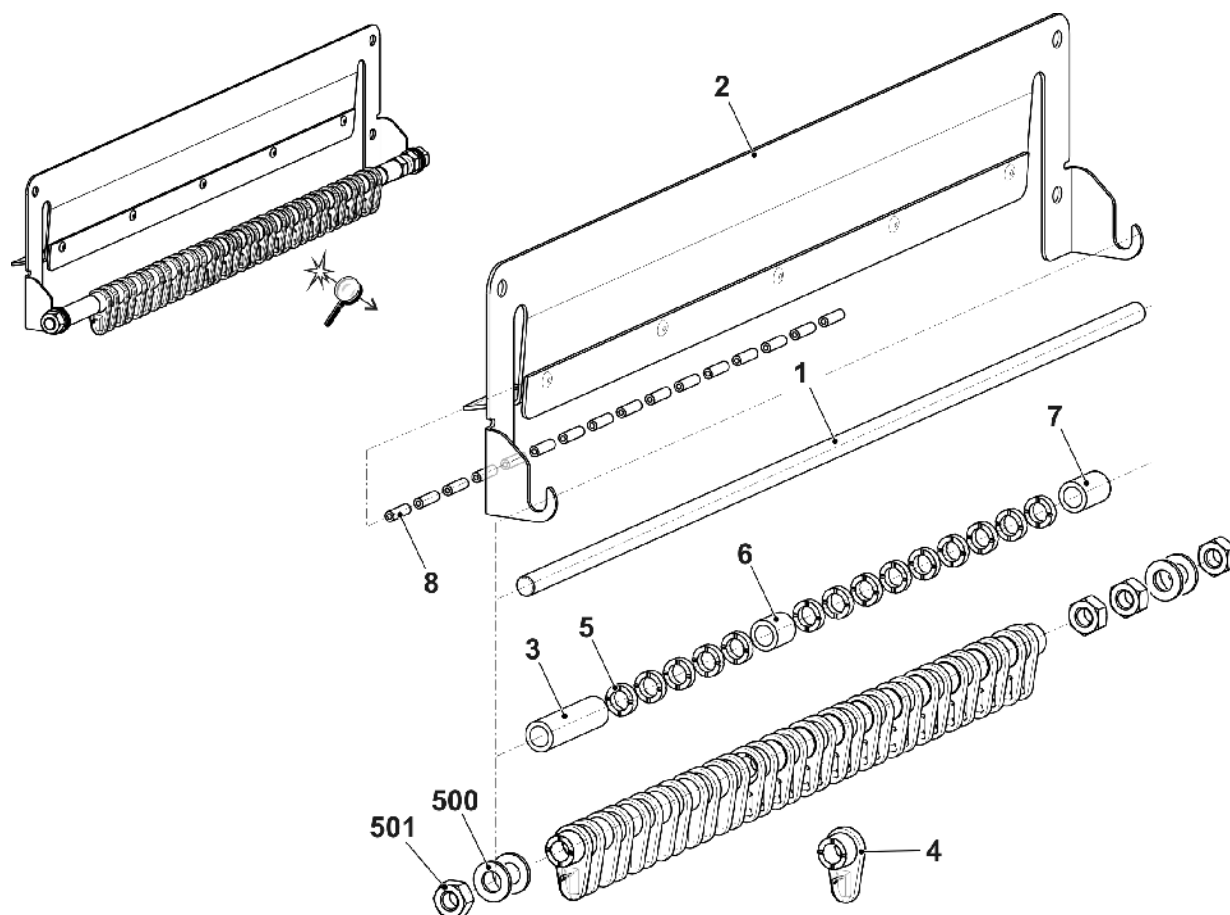
18.9.2.1 Tension axle E6.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Tension axle complete E6.2	244 494	33	Sheet metal at the bottom (housing AKF)	240 719
1	Axle	244 522	34	Lever AKF	238 692
2	Tension arm pre-assembled E3-8	259 448	35	Pressure piece AKF	238 690
4	Wire bow	238 694	36	Slider AKF	238 691
500	Shim ring 8x14x0,5	023 501	37	Wire bow	238 694
501	Circlip	021 022	38	Wire	237 940
502	Grooved pin 2x6	243 172	531	Screw KB 35x12	237 681
3	Thread clamp AKF	238 695	532	Screw KB 40x8	236 227
31	Housing AKF	238 689	533	Compression spring 0,30x4,50x18,50	241 437
32	Cover AKF	237 926	534	Grooved pin 2x6	243 172



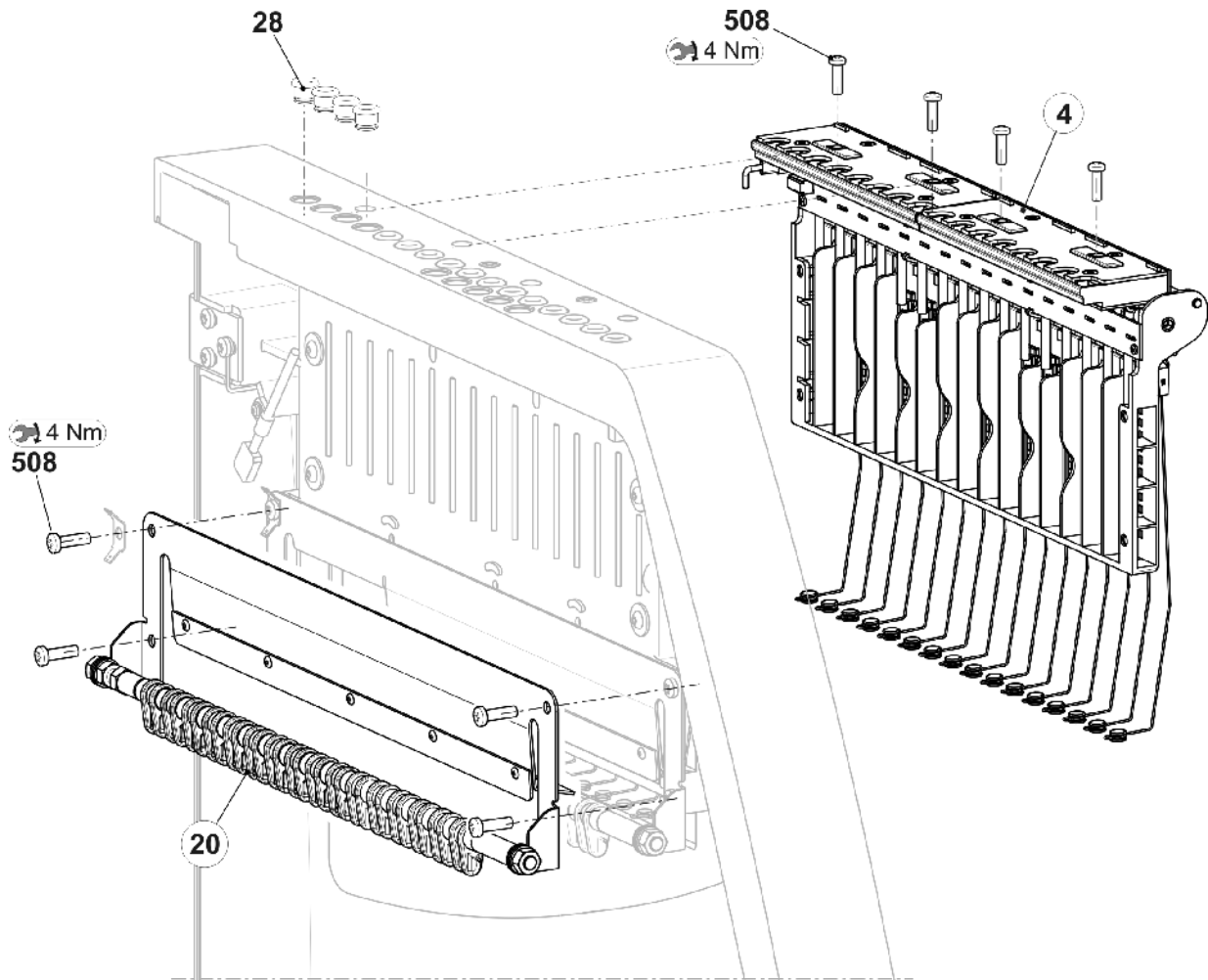
18.9.3 Yarn deflector on the left

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the left complete	265 294			
1	Axle	265 284	5	Distance bushingE3-4	262 445
2	Stop plate left complete	265 302	6	Distance bushing	264 997
3	Threaded spacer	265 283	500	Washer 8	022 854
4	Yarn Carriers MH10 E3-4	262 391	501	Hexagon nut M8-6	261 011



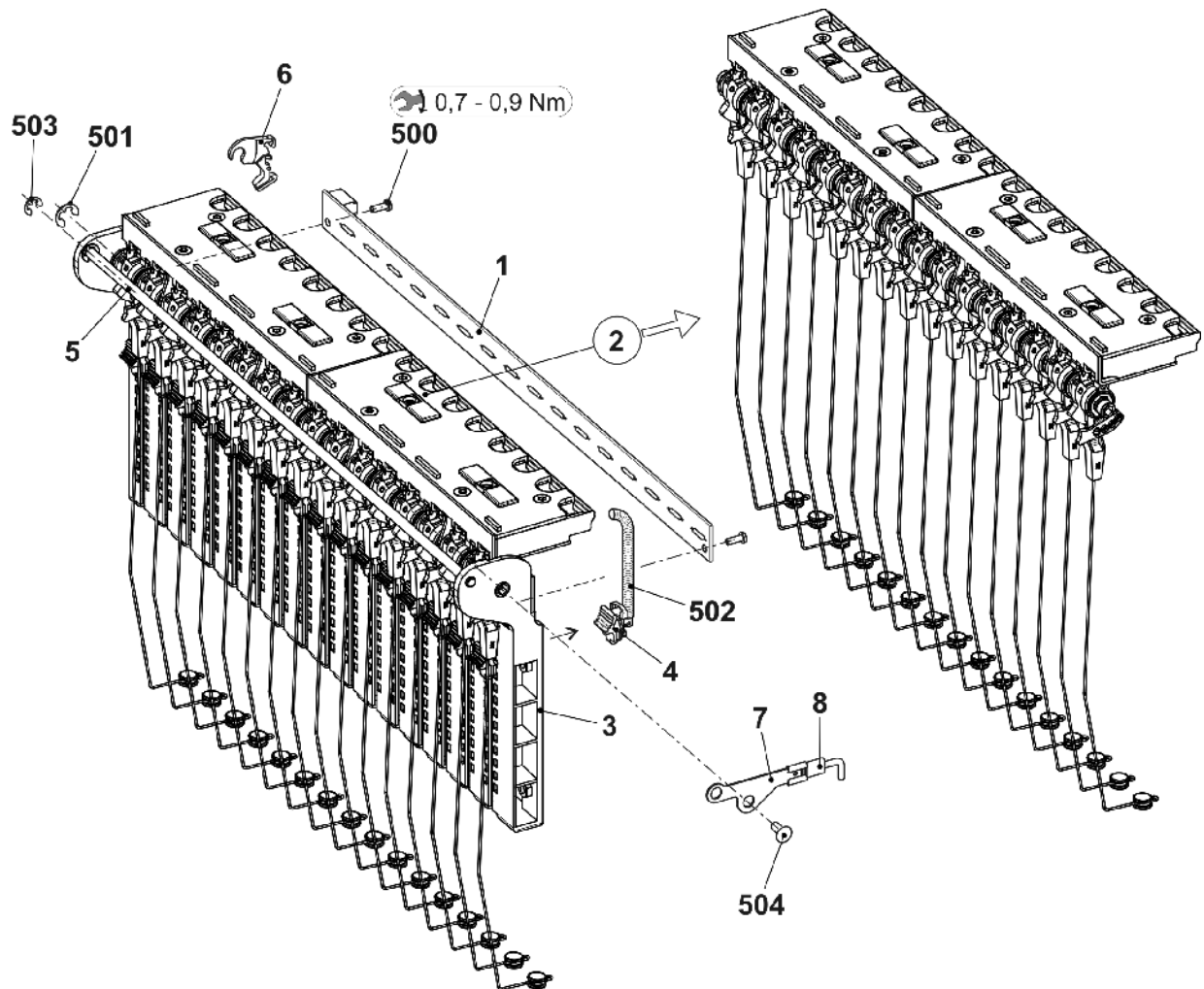
18.10 Parts for the right safety door right

Pos	Designation	ID	Pos	Designation	ID
4	Yarn tensioner on the right complete E7-8 (E6.2)	244 502	28	Ceramic eyelet	240 640
	Yarn tensioner on the right complete E10-18	258 463	508	Screw 6x20	265 379
20	Yarn deflector on the right complete	265 381			



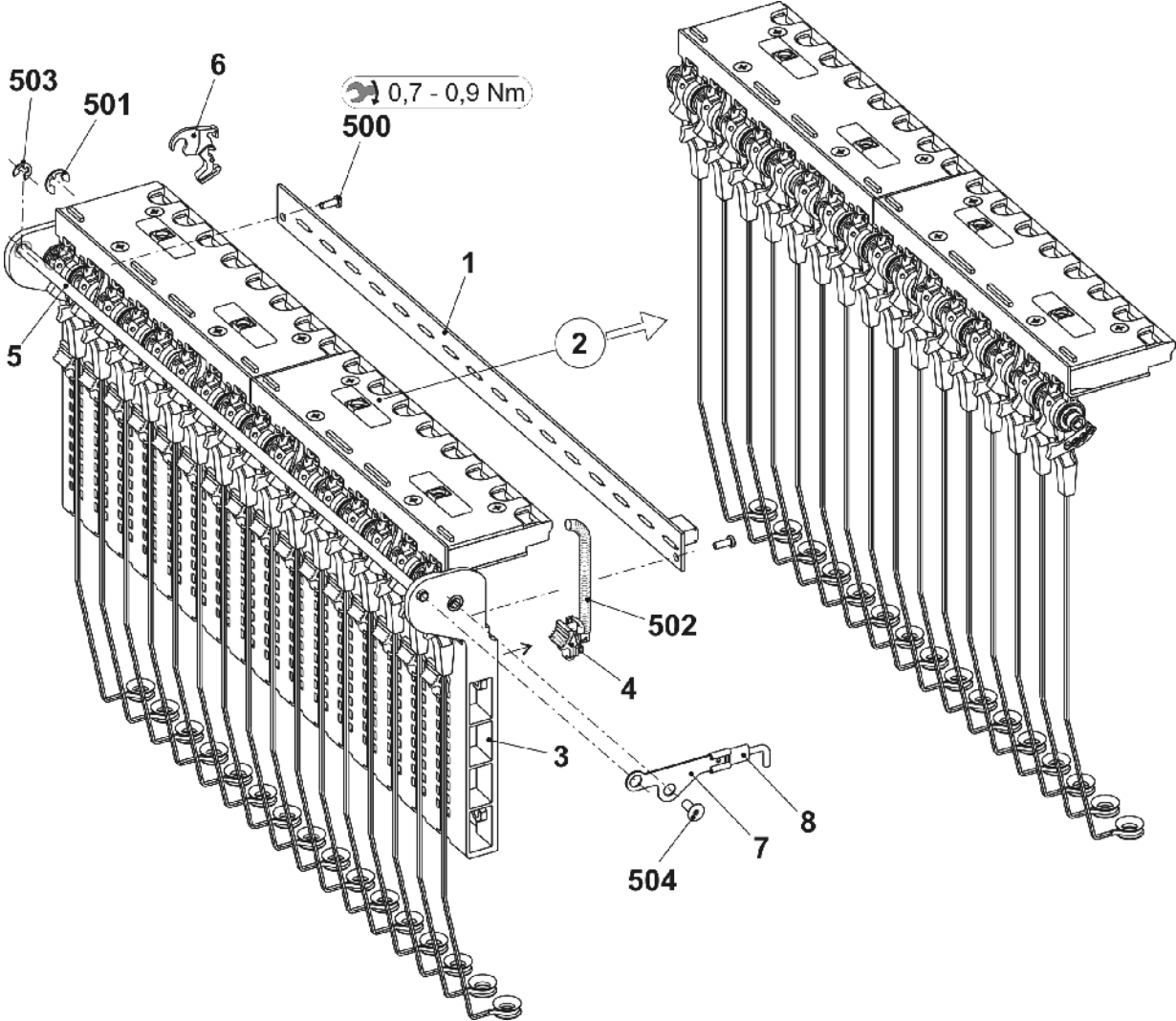
18.10.1 Yarn tensioner on the right E10 | E12 | E14 | E16 | E18 | E7.2 | E8.2 | E6.2(12m.10) | E14/12

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 KB30x8	236 228
3	Housing	241 367	501	Circlip	021 022
4	Slider	241 694	502	Tension spring 4,9x0,45x53	023 504
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x10	241 914



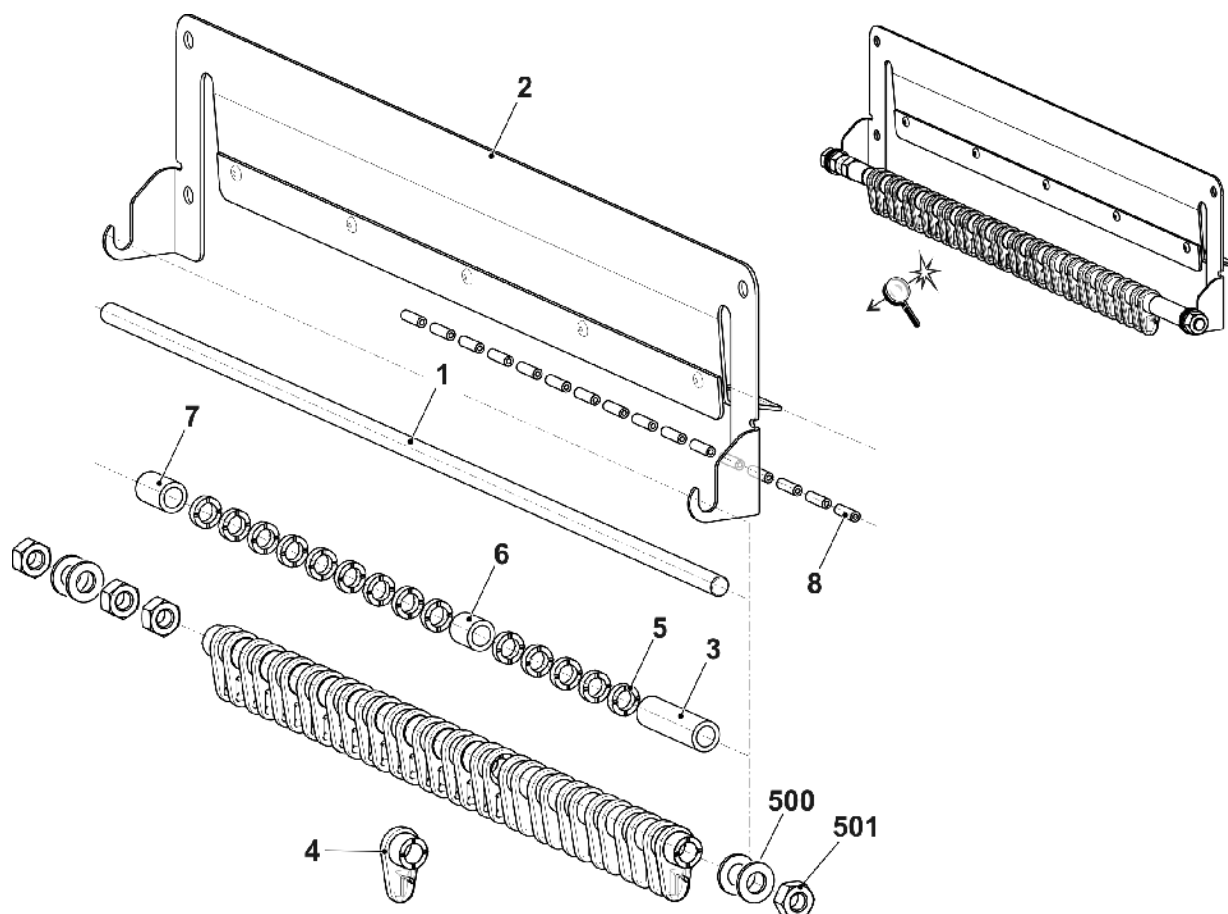
18.10.2 Yarn tensioner on the right E6.2

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



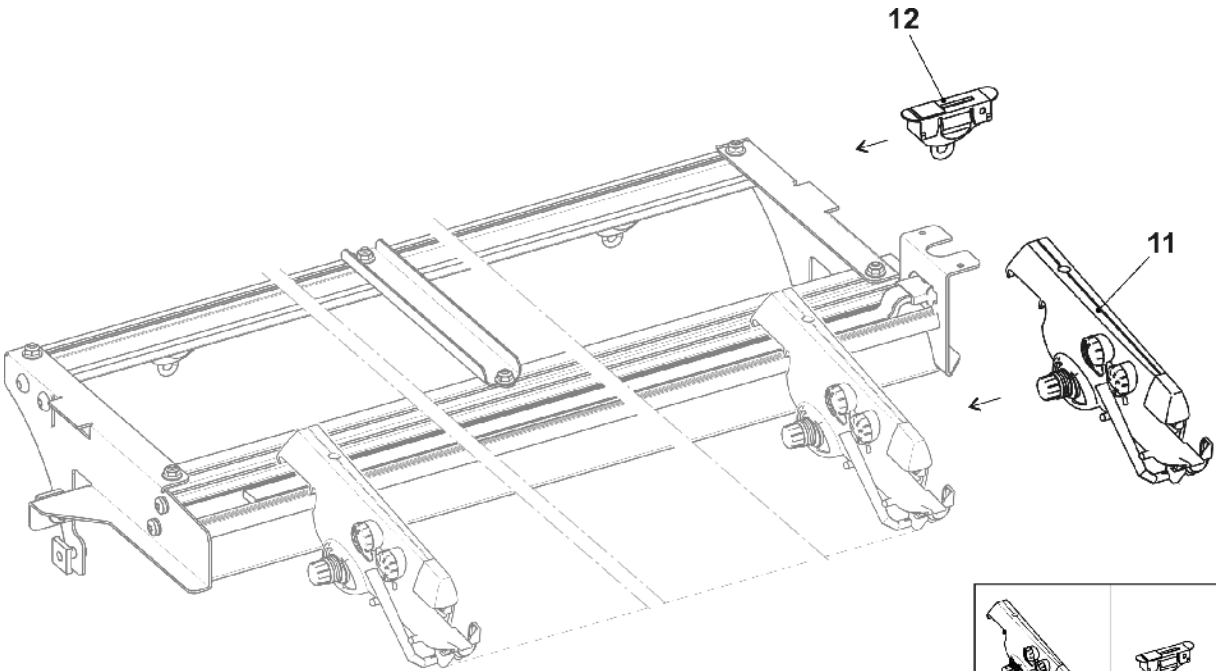
18.10.3 Yarn deflector on the right complete

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn deflector on the right complete	265 381			
1	Axle	265 284	6	Distance bushing	264 997
2	Stop plate right complete	265 303	7	Threaded spacer	264 996
3	Threaded spacer	265 283	8	Stop sleeve	266 433
4	Yarn Carriers MH10 E3-4	262 391	500	Washer 8	022 854
5	Distance bushingE3-4	262 445	501	Hexagon nut M8-6	261 011



18.11 Parts for the yarn guide system with 12 FKE

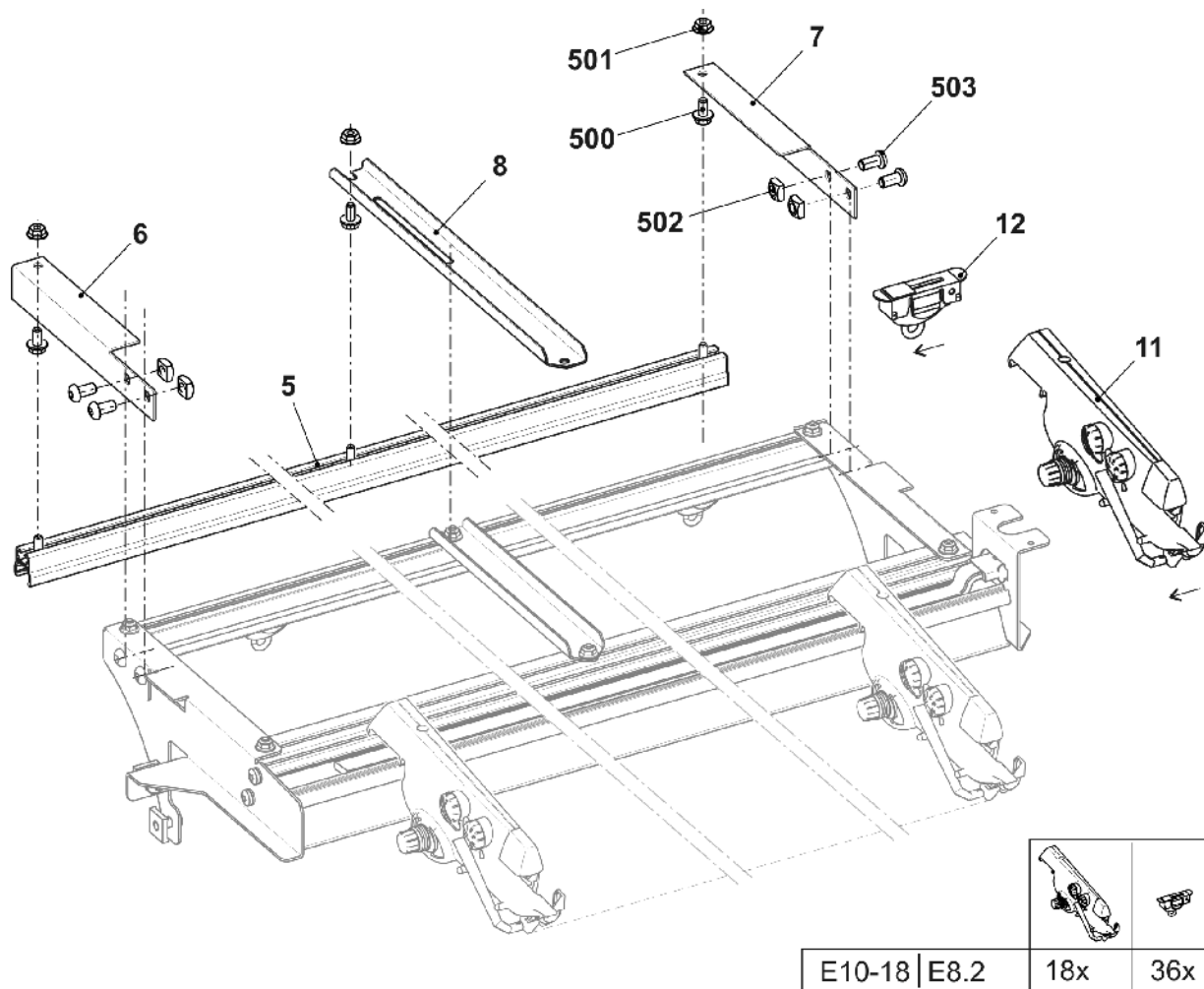
Pos	Designation	ID	Pos	Designation	ID
Σ	Parts of the yarn guide system with 12 FKE				
11	Yarn control unit	237 124	12	Yarn guide bracket complete	241 581



			
E6.2 E7.2 E6.2(12m.19) E14/12		12x	24x

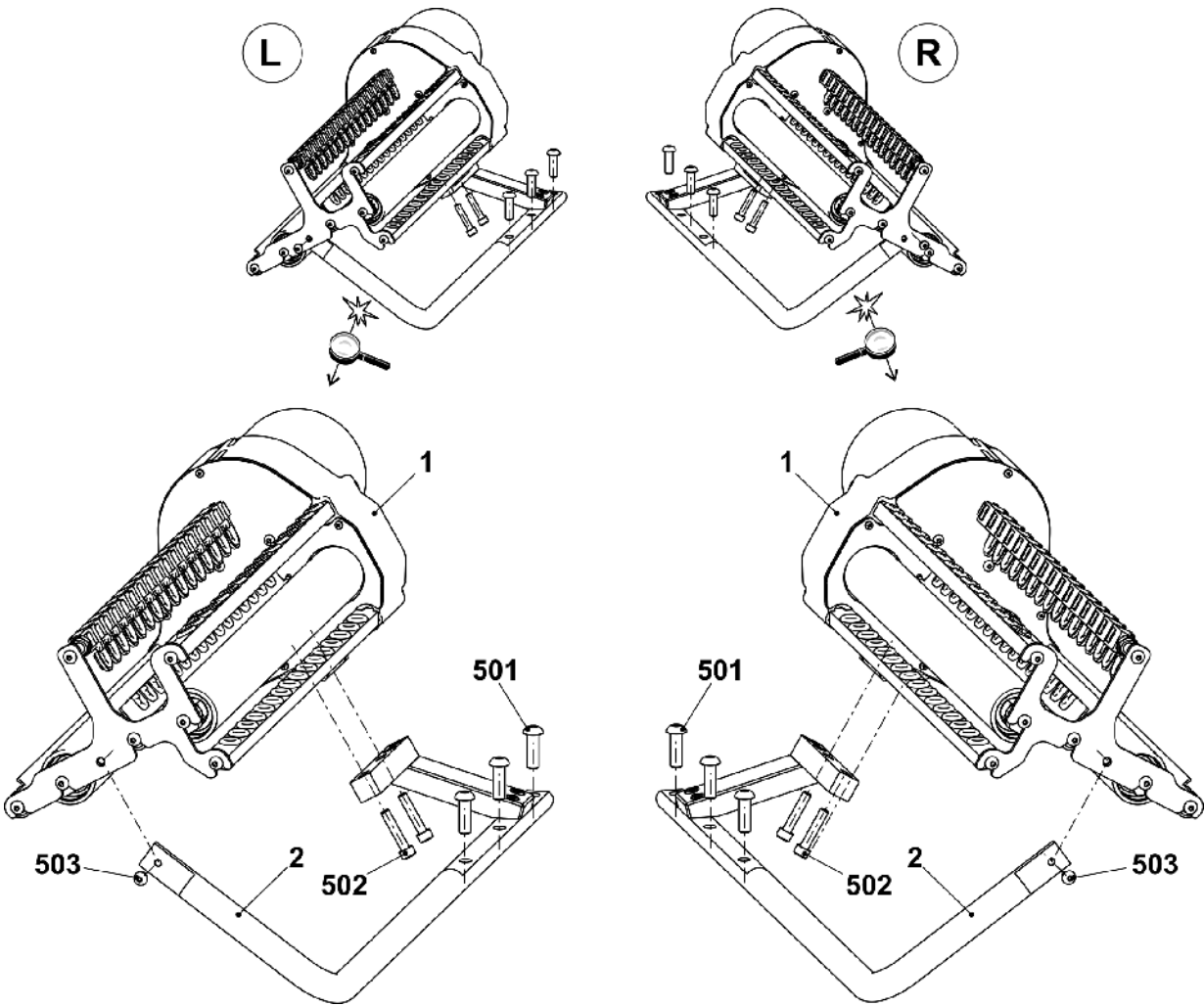
18.12 Parts for the yarn guide system with 18 FKE

Pos	Designation	Id	Pos	Designation	Id
Σ	Parts of the yarn guide system with 18 FKE				
	E10 E12 E14 E16 E18 E8.2				
5	Yarn guide bar	240 324	12	Yarn guide bracket complete	241 581
6	Support on the left	243 602	500	Self-locking screw M6x12	023 415
7	Support on the right	243 603	501	Serrated nut M6-10	023 414
8	Straps	239 295	502	Square nut M8	023 269
11	Yarn control unit	237 124	503	Pan-head screw M8x16	023 113



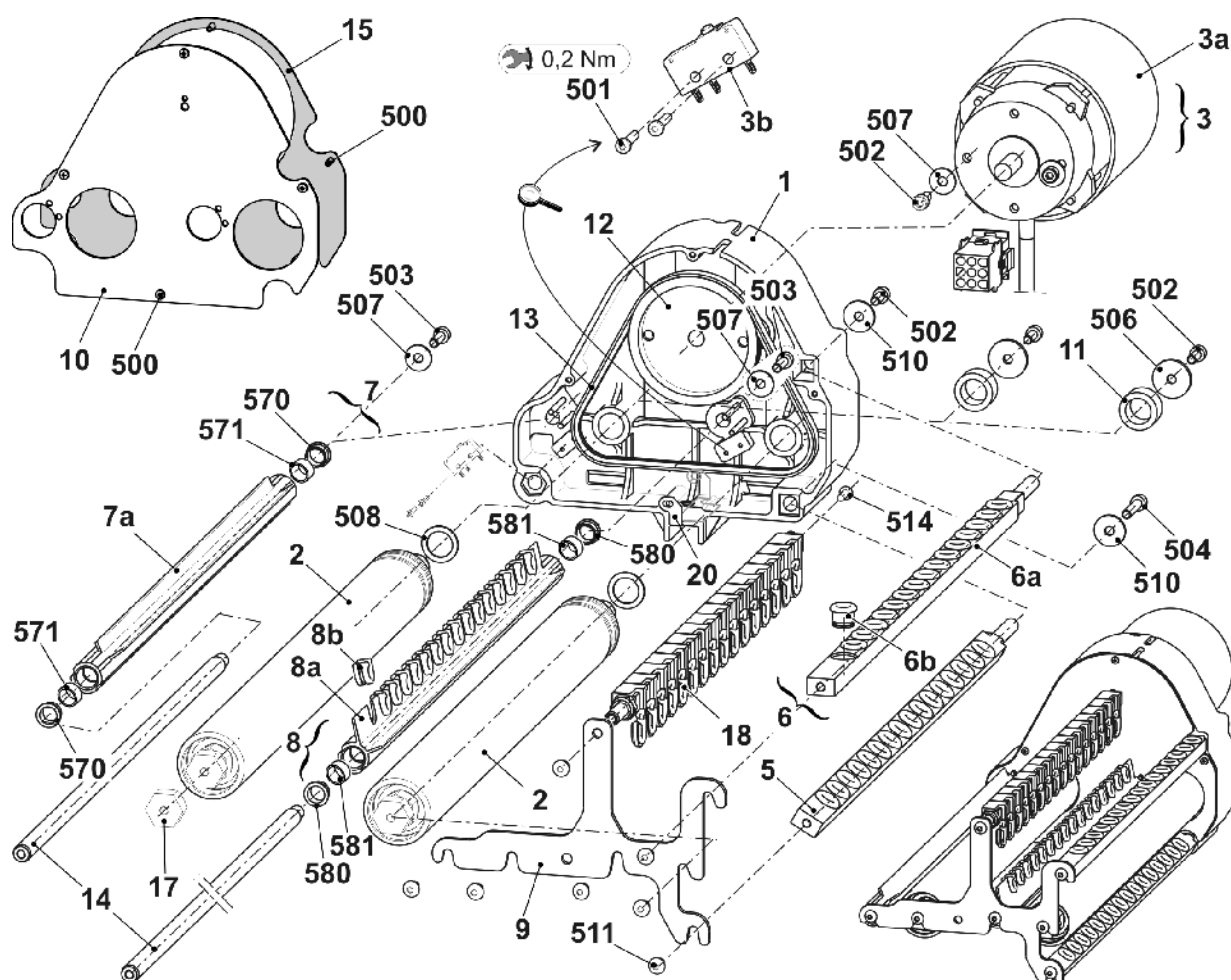
18.13 Friction feed wheel on the left and on the right complete

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



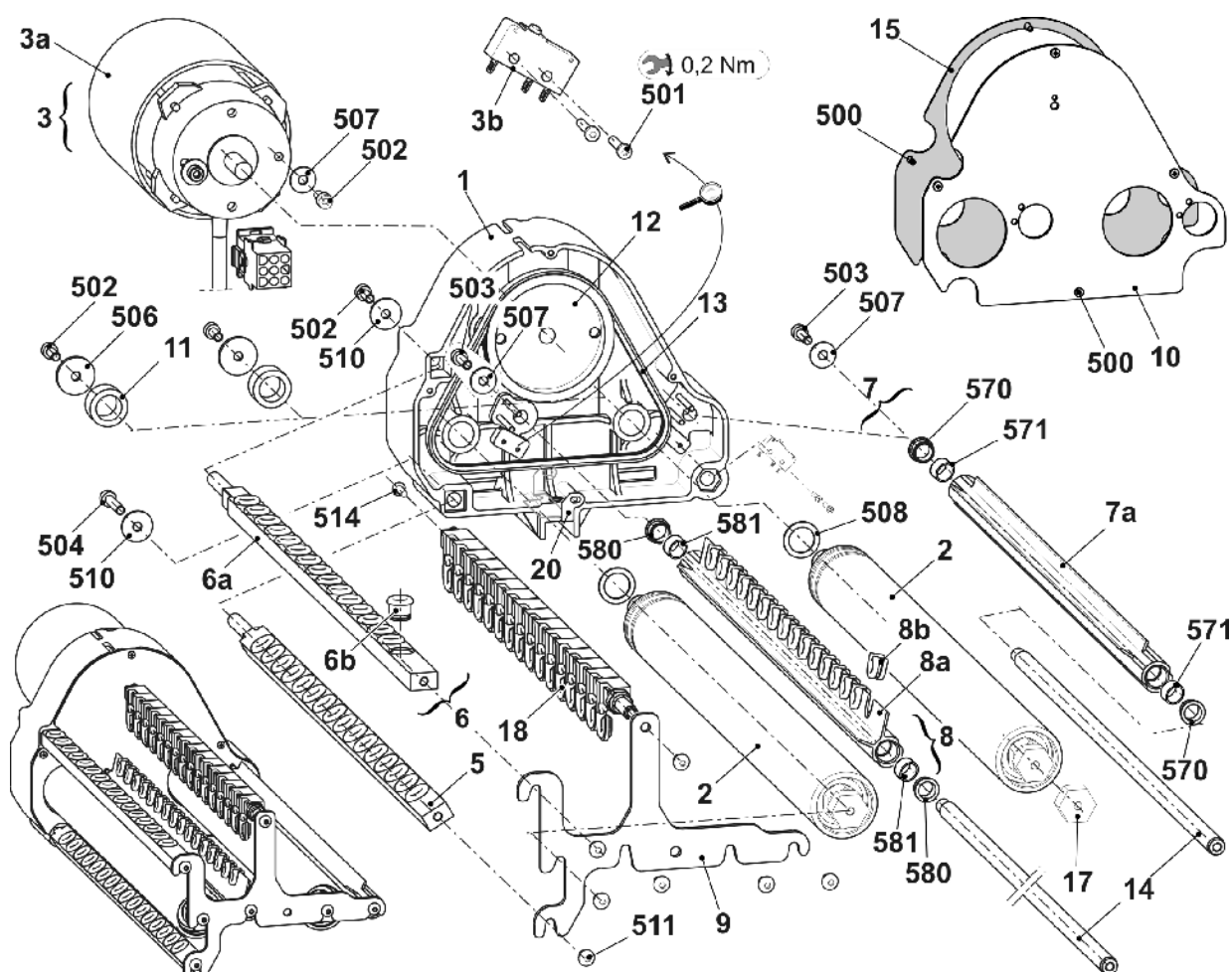
18.13.1 Friction feed wheel on the left

Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the left complete	244 185	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
3a	Three-phase AC motor	220 161	14	Rod	243 868
3b	Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 576	17	Threaded bolt	244 564
6	Yarn guide rod 16-fold complete	244 578	18	Deflector complete 16-fold	250 102
6a	Yarn guide rod 16-fold	244 577	20	Grounding plate	256 622
6b	Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw 20x10	265 445
7a	Stop motion rail on the right	243 864	502	Cap screw M5x12	020 132
570	Slide bearing GFM-101214-07	023 627	503	Cap screw M5x16	022 726
571	Guide piece	259 453	504	Cap screw M5x25	023 523
8	Stop motion rail on the left complete	243 865	506	Washer 5,3x22x2,5	023 219
8a	Stop motion rail on the left	243 866	507	Washer 5	020 901
8b	Eyelet	230 662	508	Shim ring 15x21x1	023 216
580	Slide bearing GFM-101214-07	023 627	510	Washer 5	023 542
581	Guide piece	259 453	511	Pan-head screw M5x8	239 408
9	Bracket	251 113	514	Pan-head screw M4x8	023 579



18.13.2 Friction feed wheel on the right

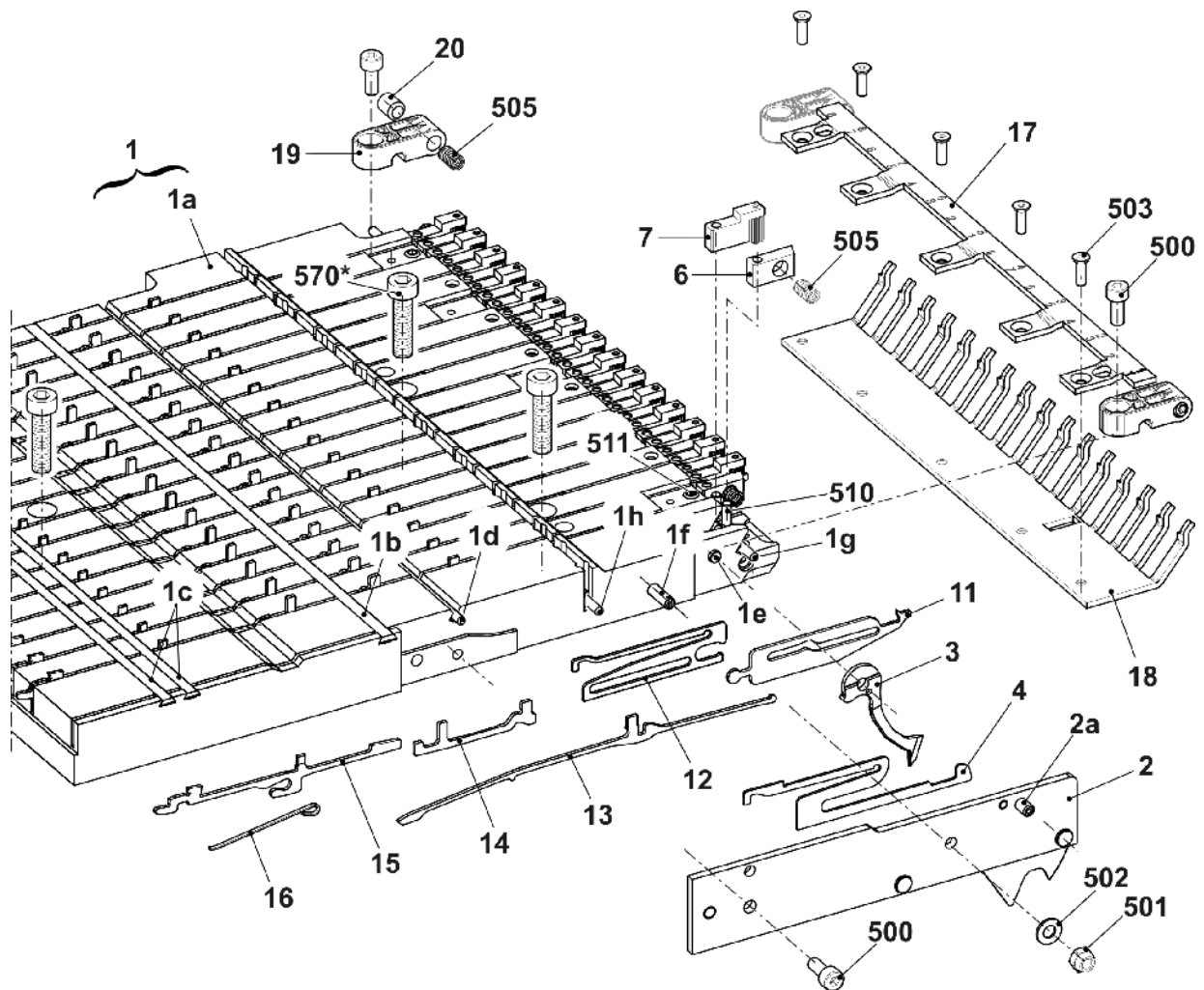
Pos	Designation	Id	Pos	Designation	Id
Σ	Friction feed wheel 16 fold on the right complete	244 186	10	Cover	251 098
1	Housing	240 368	11	Bush	221 391
2	Friction roller complete	243 860	12	V-ribbed belt pulley	221 268
3	Three-phase AC motor 3x42V complete	219 800	13	Ribbed V-belt	206 927
3a	Three-phase AC motor	220 161	14	Rod	243 868
3b	Microswitch	008 664	15	Cover	230 758
5	Yarn guide rod 16-fold complete	244 772	17	Threaded bolt	244 564
6	Yarn guide rod 16-fold complete	244 578	18	Deflector complete 16-fold	250 102
6a	Yarn guide rod 16-fold	244 577	20	Grounding plate	256 622
6b	Ceramic eyelet	240 640	500	Screw KB30x8	236 228
7	Stop motion rail on the right complete	243 863	501	Screw 20x10	265 445
7a	Stop motion rail on the right	243 864	502	Cap screw M5x12	020 132
570	Slide bearing GFM-101214-07	023 627	503	Cap screw M5x16	022 726
571	Guide piece	259 453	504	Cap screw M5x25	023 523
8	Stop motion rail on the right complete	244 530	506	Washer 5,3x22x2,5	023 219
8a	Stop motion rail on the right	244 531	507	Washer 5	020 901
8b	Eyelet	230 662	508	Shim ring 15x21x1	023 216
580	Slide bearing GFM-101214-07	023 627	510	Washer 5	023 542
581	Guide piece	259 453	511	Pan-head screw M5x8	239 408
9	Bracket	251 113	514	Pan-head screw M4x8	023 579



18.14 Left clamping and cutting bed

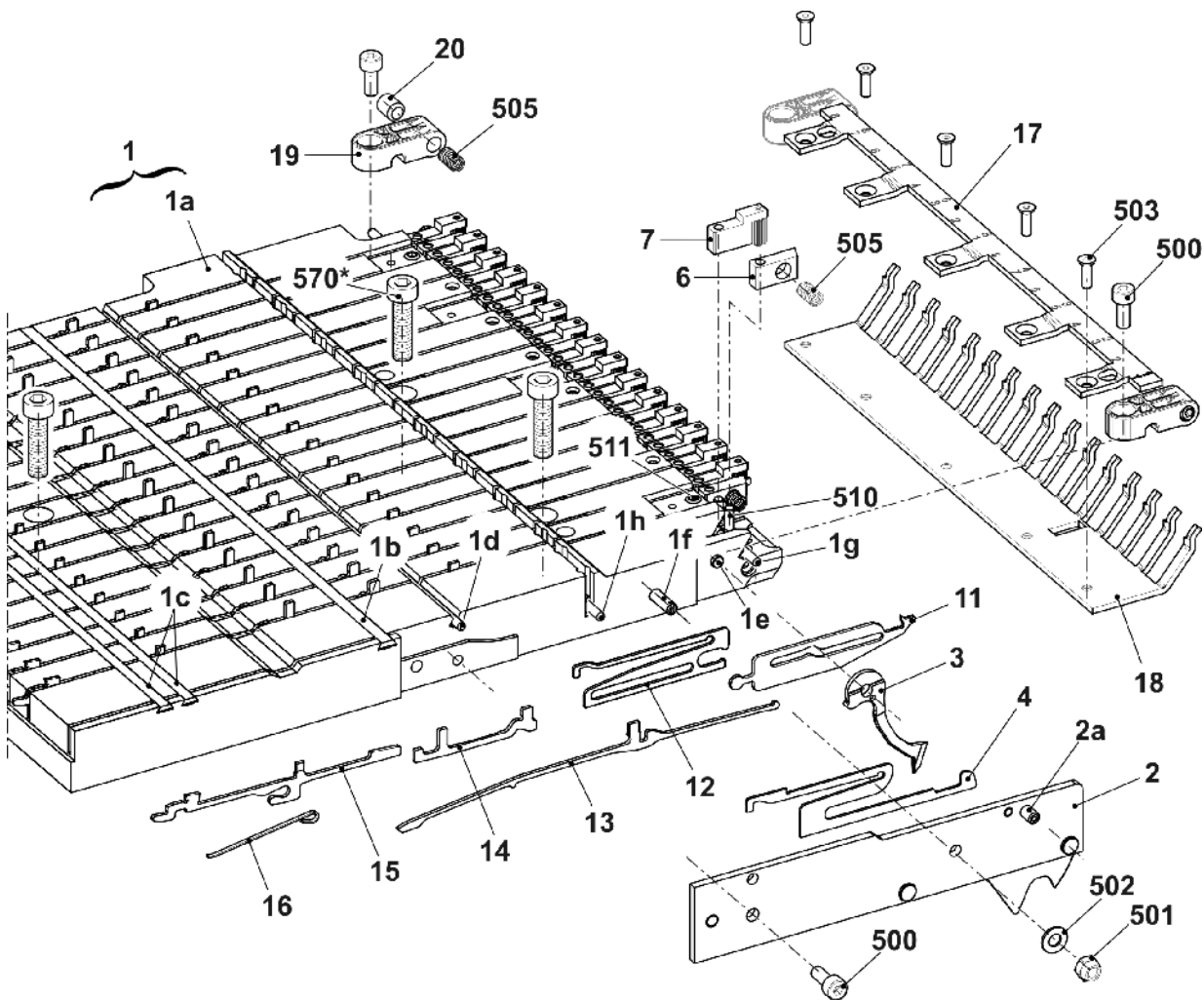
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)|E14/12

Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E10-14	270 319	7	Clamp on the left complete	244 633
1	Guide plate EPT on the left E5-14	270 323	11	Catch needle on the left E5-14	244 630
1a	Guide plate on the left E10-14	270 315	12	Intermediate part E10-14	244 591
1b	Cover rail	243 923	13	Coupling part E5-8	253 381
1c	Cover rail	243 924	14	Intermediate slider with brake E5-8	255 534
1d	Locating wire	243 925	15	Selection jack E4-8	200 687
1e	Axle	257 201	16	Selector spring E4-8	200 690
1f	Guide pin	211 351	17	Holding strip on the left	256 996
1g	Locating wire	215 927	18	Deflector plate on the left	255 556
1h	Locating wire	244 589	19	Spring holder	255 724
510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E5-14	260 967	501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the left E5-14	260 969	503	Pan-head screw M3x10	242 029
4	Slider E5-14	258 050	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	570*	Cap screw M6x20	244 824



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

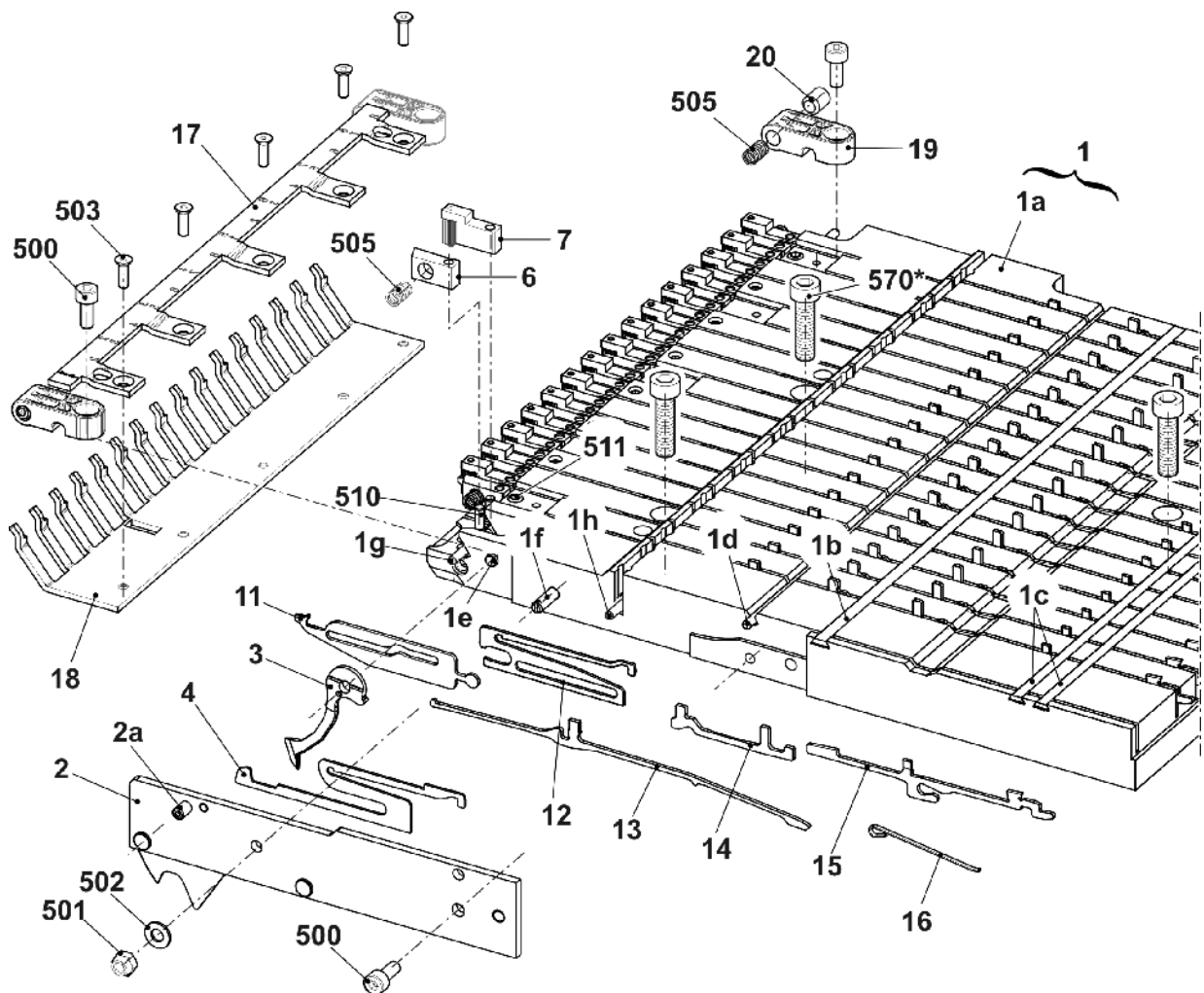
Pos	Designation	Id	Pos	Designation	Id
Σ	Left clamping and cutting bed E16-18	270 321	7	Clamp on the left complete	244 633
1	Guide plate EPT on the left E16-18	270 327	11	Catch needle on the left E16-18	244 740
1a	Guide plate on the left E16-18	270 317	12	Intermediate part	244 741
1b	Cover rail	243 923	13	Coupling part E10-12	253 382
1c	Cover rail	243 924	14	Intermediate slider with brake E10-12	255 535
1d	Locating wire	243 925	15	Selection jack E10-12	200 688
1e	Axle	257 201	16	Selector spring E10-12	200 691
1f	Guide pin	211 351	17	Holding strip on the left	256 996
1g	Locating wire	215 927	18	Deflector plate on the left	255 556
1h	Locating wire	244 589	19	Spring holder	255 724
510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the left complete E16-18	259 407	501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the left E16-18	259 311	503	Pan-head screw M3x10	242 029
4	Slider E16-18	259 309	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	570*	Cap screw M6x20	244 824



18.16 Right clamping and cutting bed

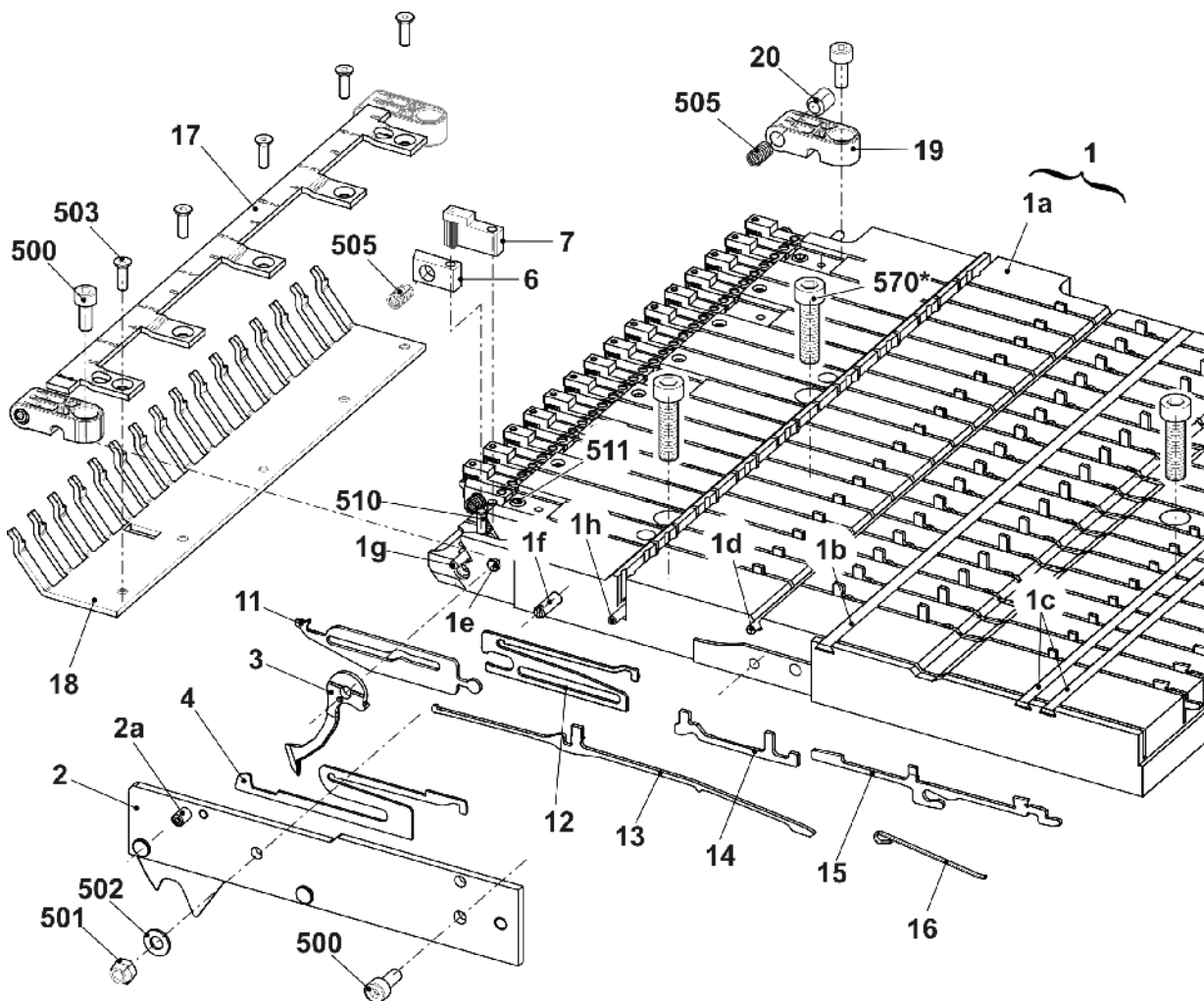
E10|E12|E14|E6.2|E7.2|E6.2(E12m.10)|E14/12

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E10-14	270 318	7	Clamp on the right complete	244 602
1	Guide plate EPT on the right E5-14	270 322	11	Catch needle on the right E10-14	244 592
1a	Guide plate on the right E5-14	270 314	12	Intermediate part E10-14	244 591
1b	Cover rail	243 923	13	Coupling part E5-8	253 381
1c	Cover rail	243 924	14	Intermediate slider with brake E5-8	255 534
1d	Locating wire	243 925	15	Selection jack E4-8	200 687
1e	Axle	257 201	16	Selector spring E4-8	200 690
1f	Guide pin	211 351	17	Holding strip on the right	256 995
1g	Locating wire	215 927	18	Deflector plate on the right	255 555
1h	Locating wire	244 589	19	Spring holder	255 724
510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E5-14	260 966	501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the right complete E5-14	260 968	503	Pan-head screw M3x10	242 029
4	Slider E5-14	258 050	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	570*	Cap screw M6x20	244 824



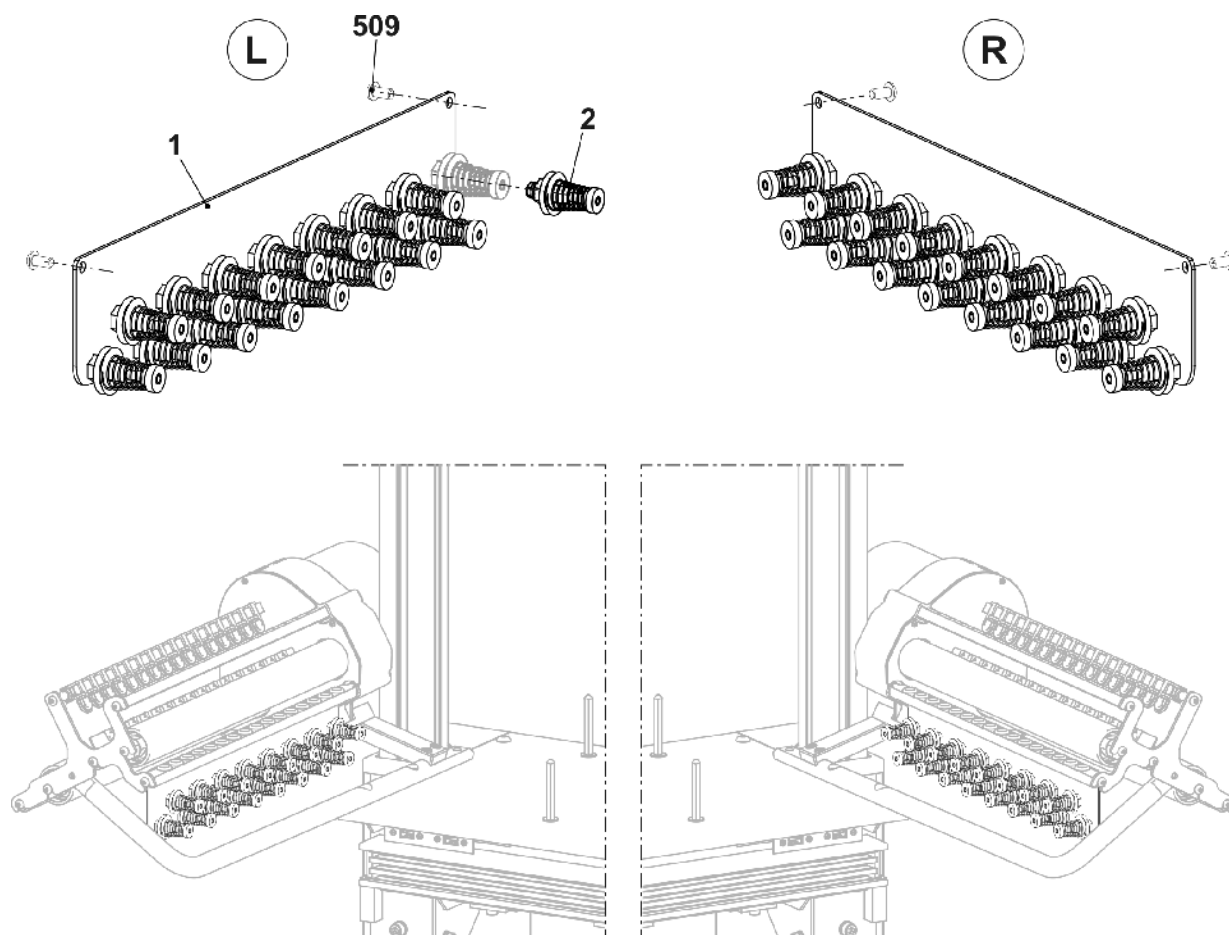
18.17 Right clamping and cutting bed E16|E18|E8.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping and cutting bed on the right E16-18	270 320	7	Clamp on the right complete	244 602
1	Guide plate EPT on the right E16-18	270 326	11	Catch needle on the right E16-18	244 739
1a	Guide plate on the right E16-18	270 316	12	Intermediate part	244 741
1b	Cover rail	243 923	13	Coupling part E10-12	253 382
1c	Cover rail	243 924	14	Intermediate slider with brake E10-12	255 535
1d	Locating wire	243 925	15	Selection jack E10-12	200 688
1e	Axle	257 201	16	Selector spring E10-12	200 691
1f	Guide pin	211 351	17	Holding strip on the right	256 995
1g	Locating wire	215 927	18	Deflector plate on the right	255 555
1h	Locating wire	244 589	19	Spring holder	255 724
510	Dowel pin 3x14	252 771	20	Threaded bolt	255 723
511	Setscrew M5x5	236 061	500	Cap screw M4x10	023 136
2	Cover on the right complete E16-18	259 406	501	Hexagon nut M4	023 046
2a	Springy thrust piece N4	260 235	502	Washer 4	020 870
3	Catch hook on the right complete E16-18	259 310	503	Pan-head screw M3x10	242 029
4	Slider E16-18	259 309	505	Compression spring 07x4,3x12,1	023 521
6	Blade	243 948	570*	Cap screw M6x20	244 824



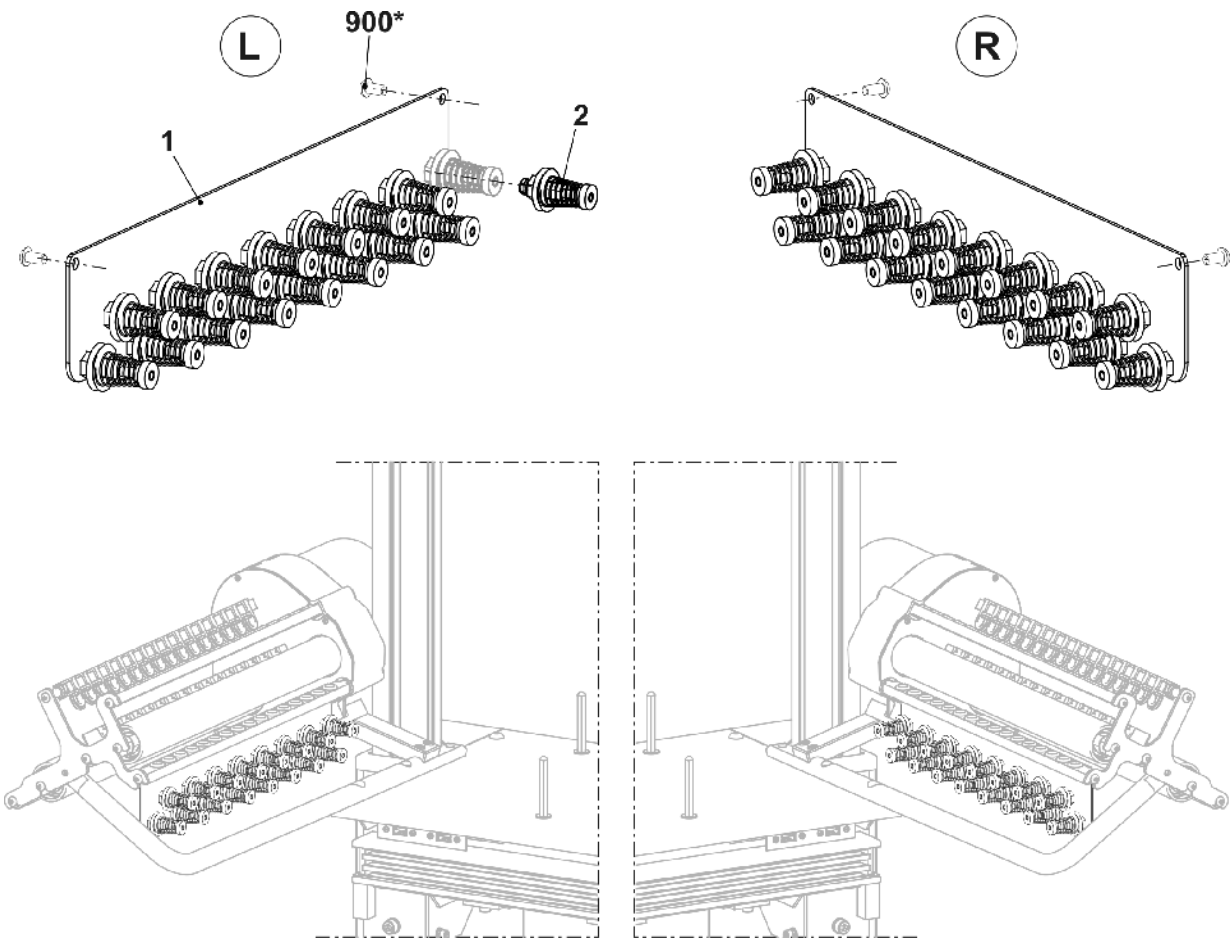
18.18 Stopping device 16-fold on the right and on the left E6.2

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Stopping device 16-fold on the left complete E3-8	265 382	R	Stopping device 16-fold on the right complete E3-8	265 383
1	Support plate	259 401	1	Support plate	259 401
2	Yarn brake	264 353	2	Yarn brake	264 353
509	Pan-head screw M5x10	023 247	509	Pan-head screw M5x10	023 247



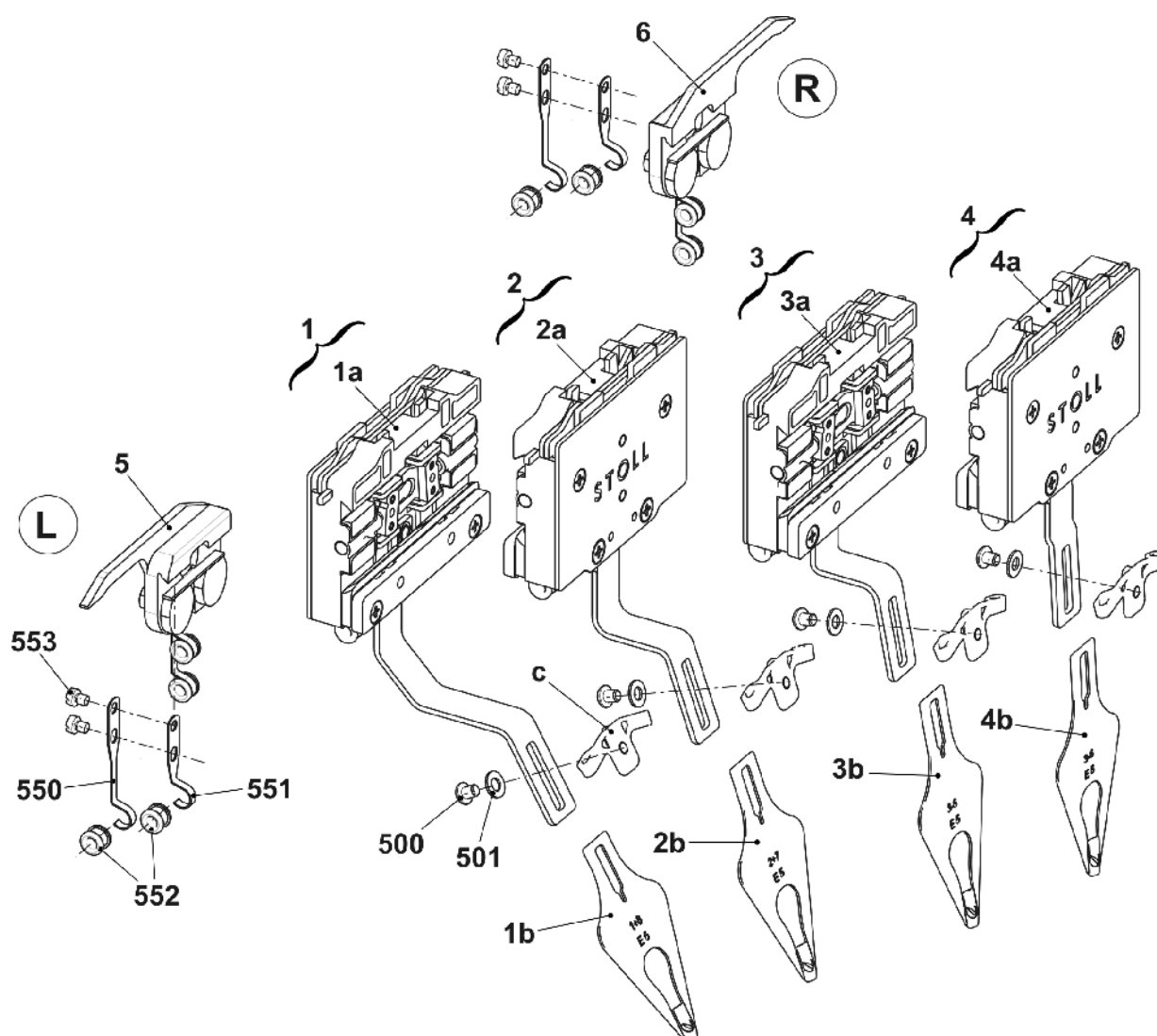
18.19 Stopping device 16-fold (all gauges besides E6.2)

Pos	Designation	Id. no.	Pos	Designation	Id. no.
L	Stopping device 16-fold complete	259 455	R	Stopping device 16-fold on the right complete	266 519
1	Support plate	259 401	1	Support plate	259 401
2	Yarn brake	259 440	2	Yarn brake	259 440
900*	Pan-head screw M5x10	023 247	900*	Pan-head screw M5x10	023 247



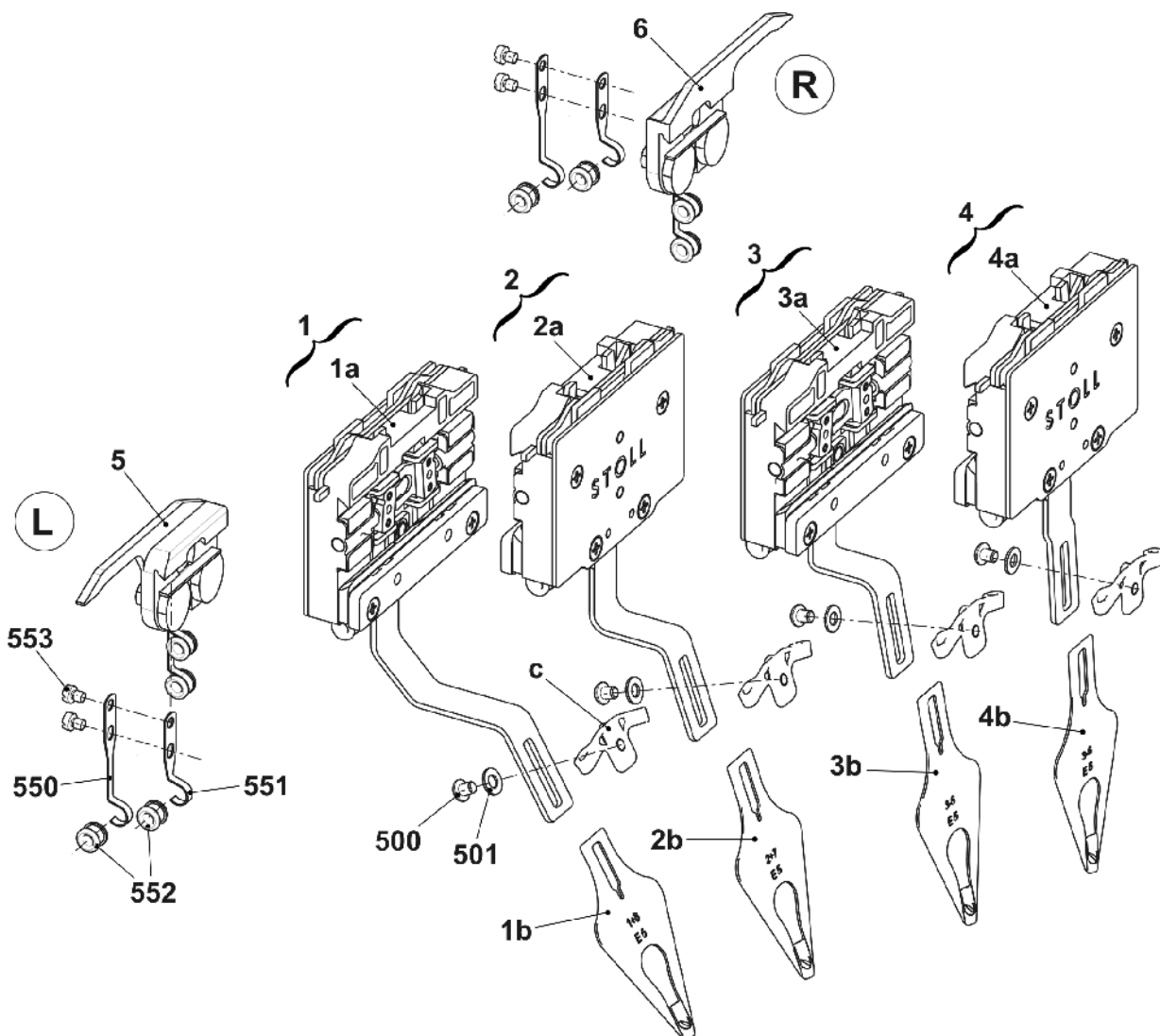
18.20 Yarn guide complete (24 IFF) E10|E12|E14|E7.2|E6.2(12m. 10)|E14/12

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



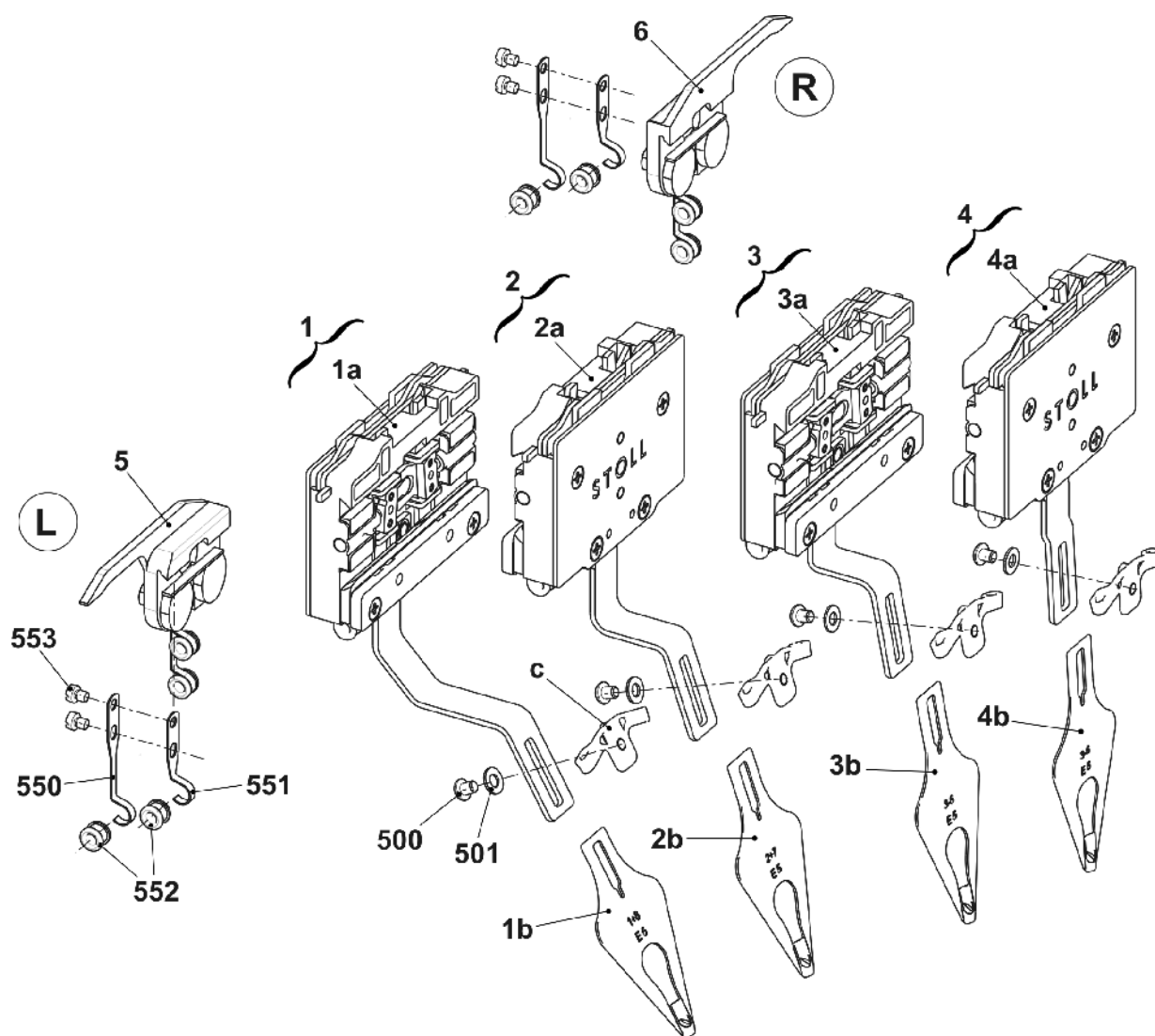
18.21 Yarn guide complete (24 IFF) E16|E18|E8.2

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



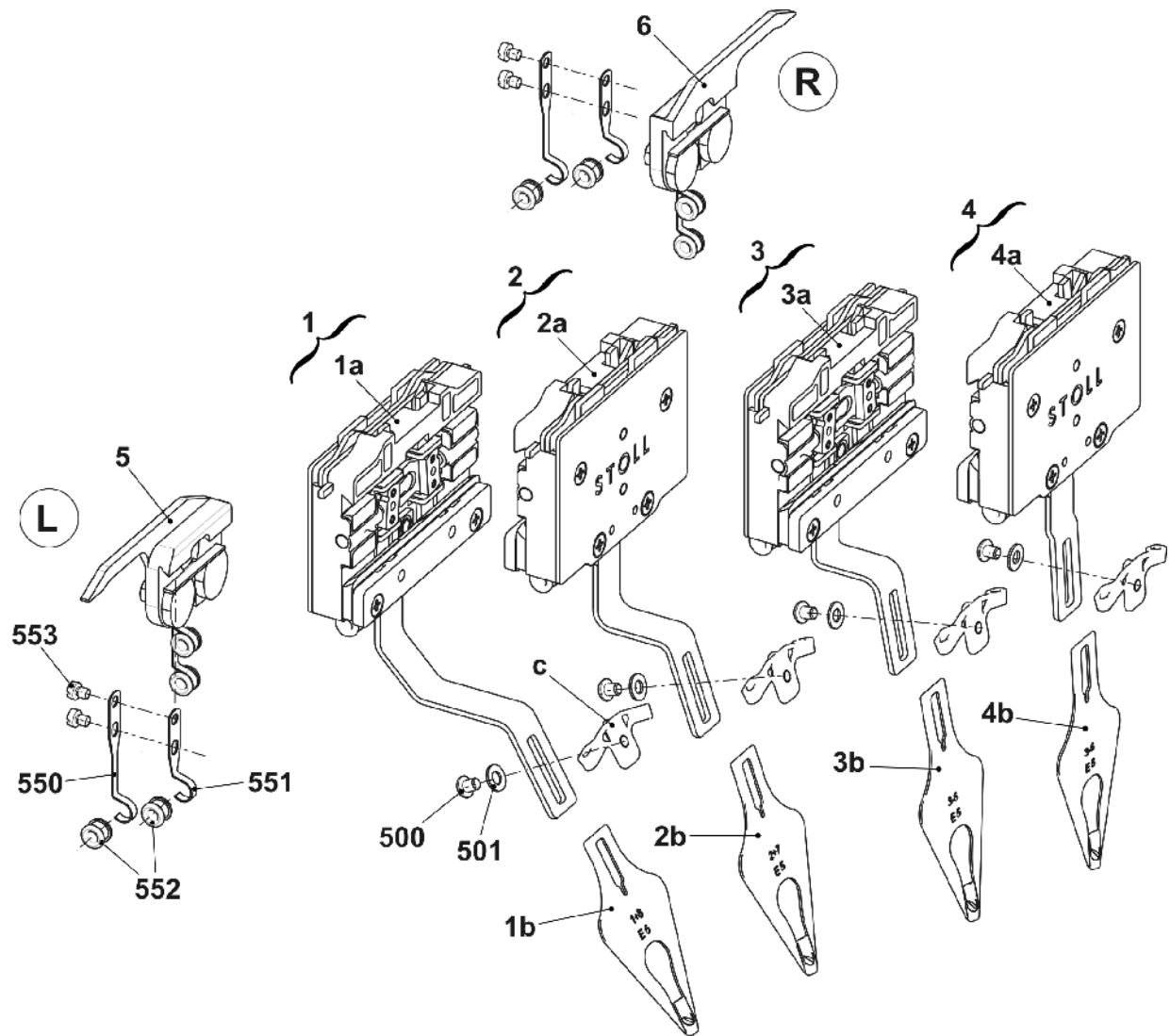
18.22 Yarn guide complete (24 IFF) E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFFCarriage complete1+8 E7-8	259 736	5	Limiter on the left with two eyelets	244 446
1a	IFFCarriage1+8	259 728	550	Eyelet holder complete	022 324
1b	Yarn carrier head 1+8 complete E7-8	244 082	551	Eyelet holder complete	022 323
2	IFFCarriage complete2+7 E7-8	259 737	552	Eyelet 4,2	021 499
2a	IFFCarriage2+7	259 729	553	Cap screw M3,5x4	020 011
2b	Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets	244 445
3	IFFCarriage complete3+6 E7-8	259 738	c	Yarn guide angle	242 863
3a	IFFCarriage3+6	259 730	500	Pan-head screw M4x5	239 549
3b	Yarn carrier head 3-6 complete E7-8	244 084	501	Washer 4	020 870
4	IFFCarriage complete4+5 E7-8	259 739			
4a	IFFCarriage4+5	259 731			
4b	Yarn carrier head 3-6 complete E7-8	244 084			



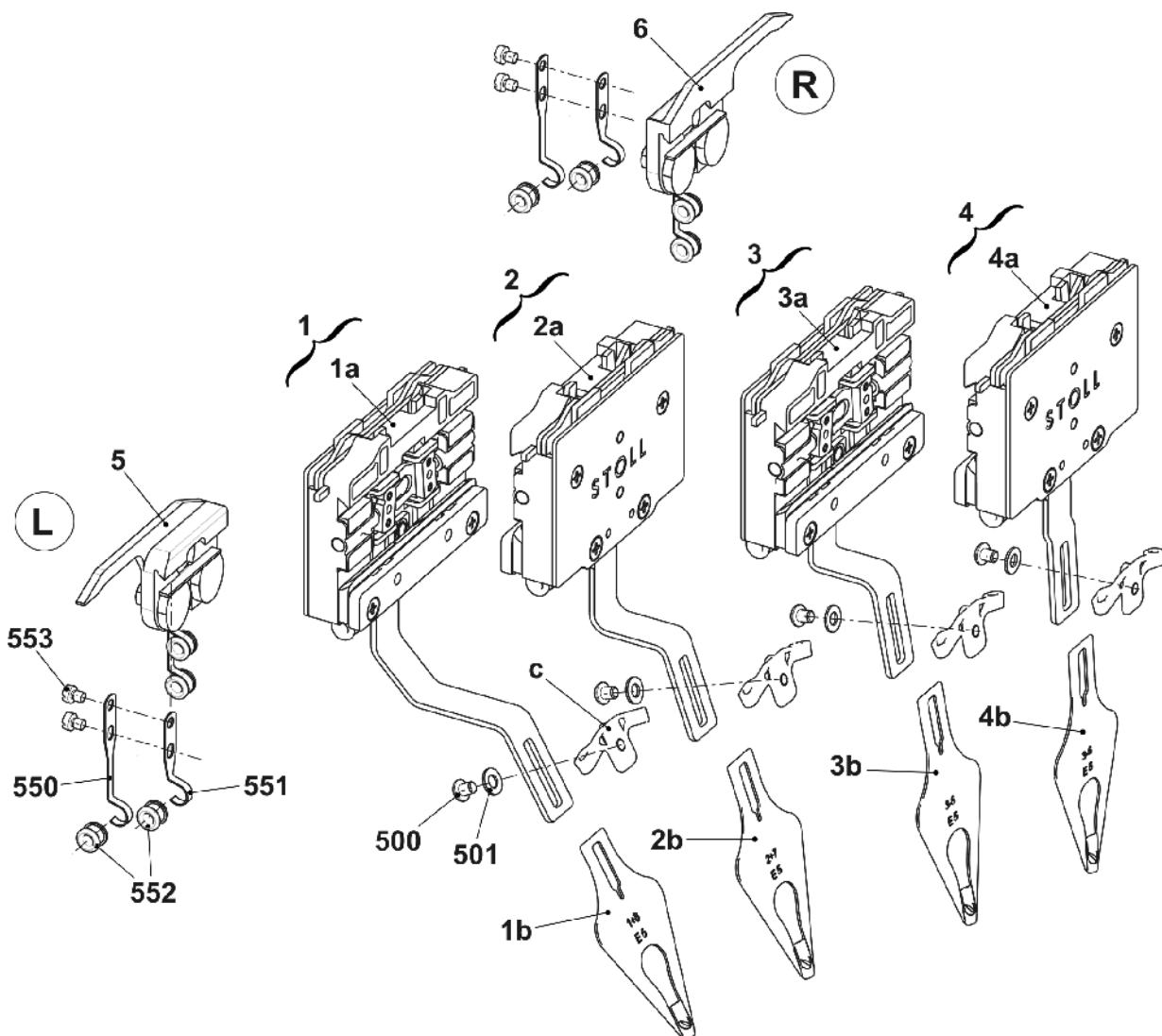
18.23 Yarn guide complete (32 IFF) E10|E12|E14|E7.2|E6.2(12m. 10)|E14/12

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



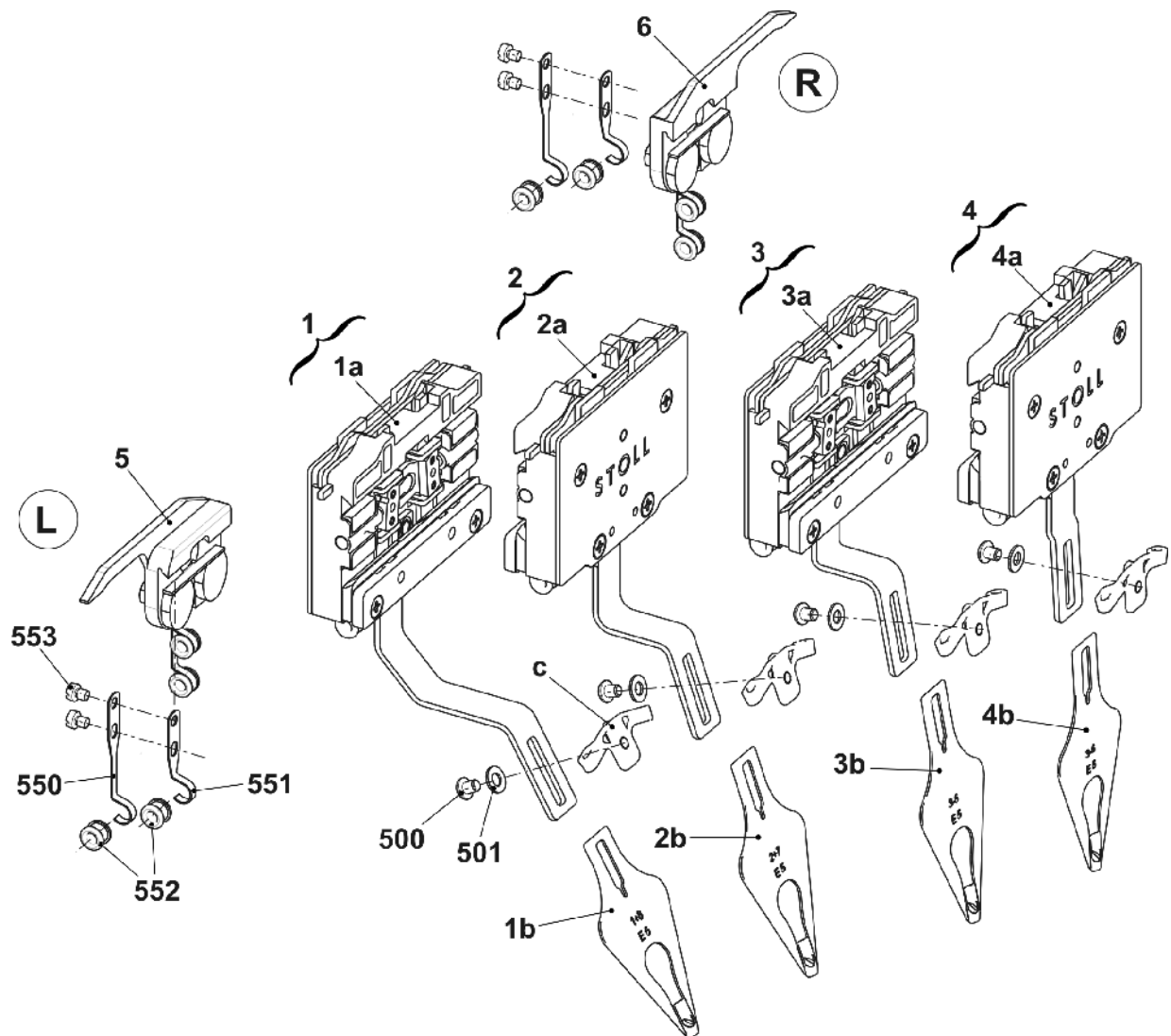
18.24 Yarn guide complete (32 IFF) E16|E18|E8.2

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



18.25 Yarn guide complete (32 IFF) E6.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E7-8 IFF	245 162			
1	IFFCarriage complete1+8 E7-8	259 736	5	Limiter on the left with two eyelets	244 446
1a	IFFCarriage1+8	259 728	550	Eyelet holder complete	022 324
1b	Yarn carrier head 1+8 complete E7-8	244 082	551	Eyelet holder complete	022 323
2	IFFCarriage complete2+7 E7-8	259 737	552	Eyelet 4,2	021 499
2a	IFFCarriage2+7	259 729	553	Cap screw M3,5x4	020 011
2b	Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets	244 445
3	IFFCarriage complete 3-6 complete E7-8	259 738	c	Yarn guide angle	242 863
3a	IFFCarriage3+6	259 730	500	Pan-head screw M4x5	239 549
3b	Yarn carrier head 3-6 complete E7-8	244 084	501	Washer 4	020 870
4	IFFCarriage complete4+5 E7-8	259 739			
4a	IFFCarriage4+5	259 731			
4b	Yarn carrier head 3-6 complete E7-8	244 084			



18.26 Yarn guide bracket

Pos	Designation	Id. no.	Pos	Designation	Id. no.
Σ	Yarn guide bracket complete	259 403			
1	Eyelet holder complete	259 402	501	Clamping ring	259 606
2	Holding angle	259 574	502	Pan-head screw M5x8	239 408
500	Eyelet 4,2	021 502	900	Pan-head screw M6x10	023 183

