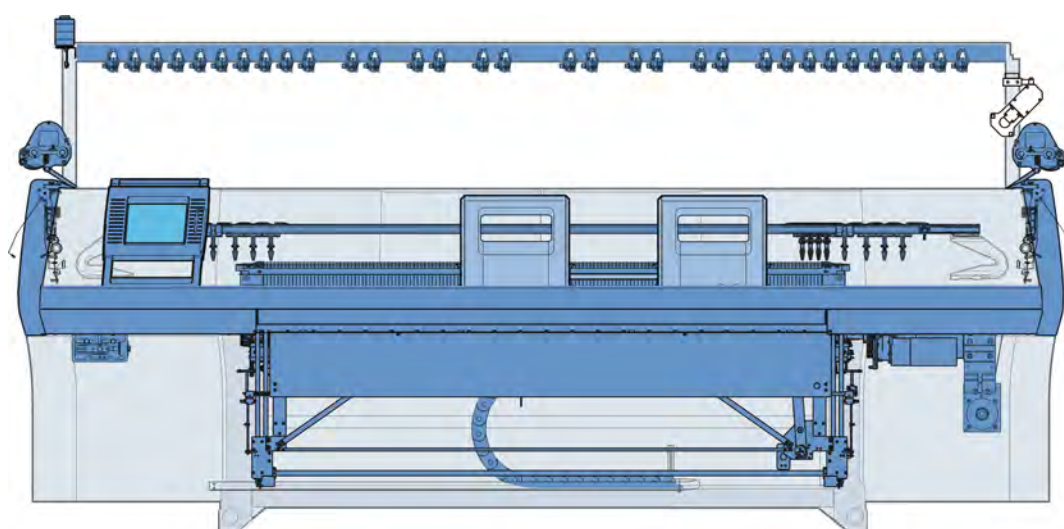


CMS 822

Component Type 000



Impressum

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 GmbH & Co.KG

Stollweg 1

D-72760 Reutlingen, Germany

Phone: +49 (07121) 313-289

Fax: +49 (07121) 313-347

e-mail: spareparts@stoll.com

Introduction

Notes for the order

This catalog serves to order spare parts.

It applies only to the machine type recorded on the title page.

With orders of spare parts we earnestly request the following details, as otherwise a satisfactory delivery of parts is not possible:

1. Type of machine, gauge, no. of machine.
2. Page no., specification, ident. no., quantity.

Please use the order form!

Use original spare parts from Stoll for repairing only.

Order form

Telefon +49 (7121) 313-289
 Telefax +49 (7121) 313-347
 email: spareparts@stoll.com

H. Stoll GmbH & Co. KG
 PO box 2544

D-72715 Reutlingen

Order number

Receipt date

Company

Name

Street

Postal code town

Phone

Fax

Customer no.

Shipping mode

Date of order

Maschine type

Gauge

Masch.-Nr.

Sirix-Nr.

Spare parts order

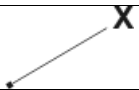
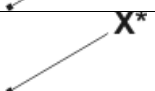
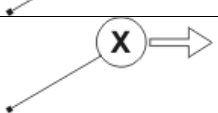
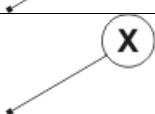
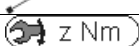
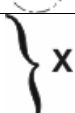
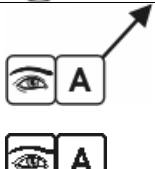
Page no.	Designation	Ident no.	Piece no.	Comment

Date

Signature

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.
	Indicates a group of parts.
	Indicates the left side or view.
	Indicates the right side or view.
	Indicates a section in the line of view.

Torques

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

Preferential row of torques

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

Table of contents

Impressum	2
Introduction	3
Search help	5
Torques	6
Carriage drive	15
Drive	16
Motor and belt drive	17
Tension bearing	18
Energy chain and carriage driver	19
Racking	20
Racking drive	21
Racking spindle	22
Needle beds	23
Needle bed E5	24
Continuation needle bed E5	25
Needle bed E7	26
Continuation needle bed E7	27
Needle bed E8	28
Continuation needle bed E8	29
Needle bed E10	30
Continuation needle bed E10	31
Needle bed E12	32
Continuation needle bed E12	33
Needle bed E14	34
Continuation needle bed E14	35
Needle bed E16	36
Continuation needle bed E16	37

Needle bed E18	38
Continuation needle bed E18.....	39
Needle bed E5m.4	40
Continuation needle bed E5m.4	41
Needle bed E7m.5	42
Continuation needle bed E7m.5	43
Needle bed E7m.8	44
Continuation needle bed E7m.8	45
Needle bed E8m.7	46
Continuation needle bed E8m.7	47
Needle bed E10m.12	48
Continuation needle bed E10m.12	49
Needle bed E6.2(12m.10).....	50
Continuation needle bed E6.2(12m.10).....	51
Needle bed E2,5.2 k&w	52
Continuation needle bed E2,5.2 k&w.....	53
Needle bed E3,5.2 k&w	54
Continuation needle bed E3,5.2 k&w.....	55
Needle bed E5.2 k&w	56
Continuation needle bed E5.2 k&w.....	57
Needle bed E6.2 k&w	58
Continuation needle bed E6.2 k&w.....	59
Needle bed E7.2 k&w	60
Continuation needle bed E7.2 k&w.....	61
Needle bed E2,5.2 mg	62
Continuation needle bed E2,5.2 mg	63
Needle bed E3,5.2 mg	64
Continuation needle bed E3,5.2 mg	65
Needle bed E5.2 mg	66
Continuation needle bed E5.2 mg	67
Needle bed E6.2 mg	68

THE RIGHT WAY TO KNIT

Continuation needle bed E6.2 mg	69
Needle bed E7.2 mg	70
Continuation needle bed E7.2 mg	71
Needle bed E8.2 mg	72
Continuation needle bed E8.2 mg	73
Left clamping/cutting bed	74
Equipment of the clamping/cutting bed on the left	75
Clamping/cutting bed on the right	76
Equipment of the right clamping/cutting bed	77
Cover on the left and on the right	78
Tandem Carriage.....	79
Overview of carriage	80
Carriage assembly	81
Carriage guide	82
Carriage cover	83
Carriage coupling	84
Brush holder	85
Yarn carrier driving unit without guiding part	86
Yarn carrier driving unit with guiding part	87
Holding-down jack control	88
Control unit holding-down jack complete	89
Jack cam box E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E3,5.2 k&w+ E5.2 mg.....	90
Jack cam box E7 + E8 + E7m.8 + E8m.7 + E3,5.2 mg	91
Jack cam box E10 + E10m.12	92
Jack cam box E5.2 k&w + E6.2 k&w	93
Jack cam box E12 + E14+ E6.2 (12m.10) + E6.2 mg	94
Jack cam box E7.2 k&w.....	95
Jack cam box E7.2 mg	96
Jack cam box E16 + E18 + E8.2 mg	97
Needle detector	98
Yarn detector	99
Cam box E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg	100
Cams E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg	101
Cams for narrow coupling E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg + E7 + E8 + E7m.8 + E8m.7	102

Cam box E7 + E8 + E7m.8 + E8m.7	103
Cams E7 + E8 + E7m.8 + E8m.7	104
Cam box E10	105
Cams E10	106
Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg	107
Cam box E10m.12	108
Cams E10m.12	109
Cam box E6.2 k&w	110
Cams E6.2 k&w + E7.2 k&w	111
Cams for narrow coupling E6.2 k&w + E7.2 k&w	112
Cam box E6.2 mg	113
Cams E6.2 mg	114
Cam box E12	115
Cams E12	116
Cam box E6.2 (12m.10).....	117
Cam parts E12m.10	118
Cam box E14	119
Cams E14	120
Cam box E7.2 k&w	121
Cam box E7.2 mg	122
Cams E7.2 mg	123
Cam box E16 + E18.....	124
Cams E16 + E18.....	125
Cam box E8.2 mg	126
Cams E8.2 mg	127
Main take-down	128
Take-down rollers and left bearing	129
Take-down motor and right bearing.....	130
Swivel-mounted bearing	131
Rear take-down roller.....	132
Impulse giver and motor	133
Stripper angle.....	134
Front take-down roller	135
Front roller elements	136
Pressure angle rail	137
Mounting plate	138
Floating axle.....	139
Take-down closing device.....	140

THE RIGHT WAY TO KNIT

Closer shaft.....	141
Right swivel support.....	142
Left swivel holder.....	143
Swivel holder in the middle.....	144
Auxiliary take-down.....	145
Auxiliary take-down.....	146
Motor.....	147
Left bearing of the auxiliary take-down.....	148
Right bearing of the auxiliary take-down	149
Contact lever.....	150
Take-down roller	151
Comb take-down.....	152
Comb take-down.....	153
Drive shaft of comb complete	154
Comb unit	155
Switch lever comb take-down.....	156
Pivot lever comb take-down	157
Yarn delivery device	158
Yarn guide system from 20 to 26 FKE.....	159
Yarn guide system with 32 FKE	160
Yarn control unit.....	161
Left yarn guide	162
Left yarn tensioner.....	163
Yarn brake and yarn deflector	164
Left tension axle.....	165
Right yarn guide.....	166
Right yarn tensioners.....	167
Right tension axle	168
Bobbin board	169
Yarn carrier and guide rails	170
Yarn carriers complete.....	171
Left friction feed wheel.....	172
Right friction feed wheel	173

Feed wheel SFE	174
Fluff absorption	175
Fluff absorption	176
Suction fan	177
Operating and control	178
Input unit	179
Starting unit	180
Bearing of the engaging rod	181
Warning light	182
Collecting area - control	183
Shock stop motion (till E14)	184
Shock stop motion E16-18	185
Measuring device	186
Protective units	187
Panelling	188
Rear panel	189
Lateral safety covers	190
Electrical Equipment	191
Fuses	192
Circuit diagram as PDF	193
Trailing cable	194
Cable	195
Control electronics	198
Left control cabinet	199
Right control cabinet	200
Available accessories	201
Tool	202
Lubricating stuff	203
Mechanical parts	204

Special equipment	205
Complete intarsia yarn carriers.....	206
Carriage IYC	207
Bow and head IYC.....	208
Bow of plating yarn carrier	209
STIXX device	210
IRO NOVA storage feed wheel.....	211
Additional board.....	212
Conversion kit 32 IYC type 2	213
Overview of conversion kit E5	214
Overview of conversion kit E7-18	215
Magnet support.....	216
Left safety cover	217
Yarn tensioner on the left	218
Yarn brake and yarn deflector	219
Tension axle	220
Deflector on the left.....	221
Right safety cover	222
Yarn tensioner on the right	223
Deflector on the right	224
Yarn guide system with 6-12 FKE (yarn control unit)	225
Driving unit in the middle	226
Driving unit outside	227
Friction feed wheel on the left.....	228
Friction feed wheel on the right	229
Thread deflector on the left.....	230
Thread deflector on the right	231
Left clamping/cutting bed E5-8	232
Left clamping/cutting bed E10-14	233
Left clamping/cutting bed E16-18	234
Right clamping/cutting bed E5-8.....	235
Right clamping/cutting bed E10-14.....	236

Right clamping/cutting bed E16-18..... 237

Yarn brake left and right..... 238

Additional board 239

Adjusting part 240

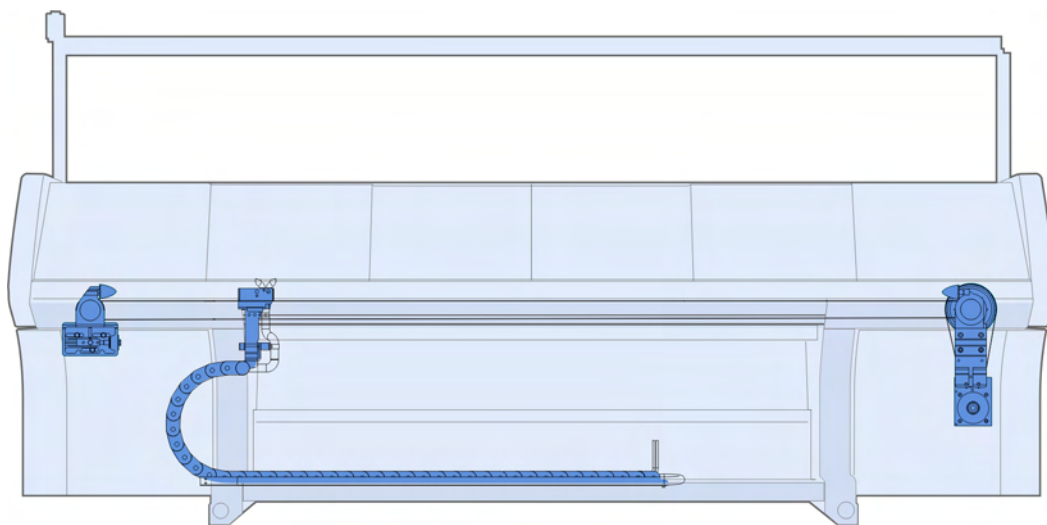
Yarn guide complete E5 IYC 241

Yarn guide complete E7-8 IYC 242

Yarn guide complete E10-14 IYC 243

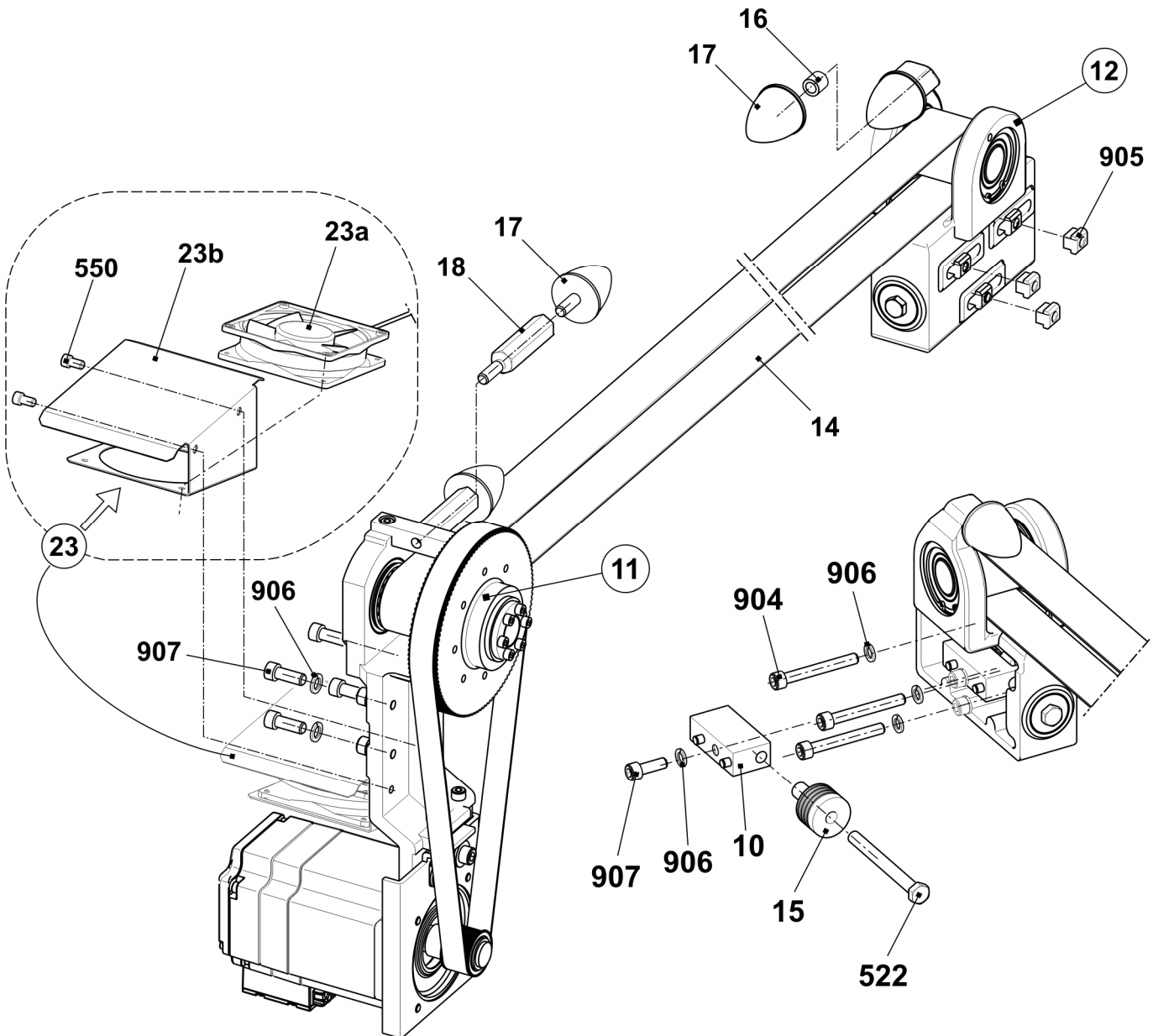
Yarn guide complete E16-18 IYC 244

Carriage drive



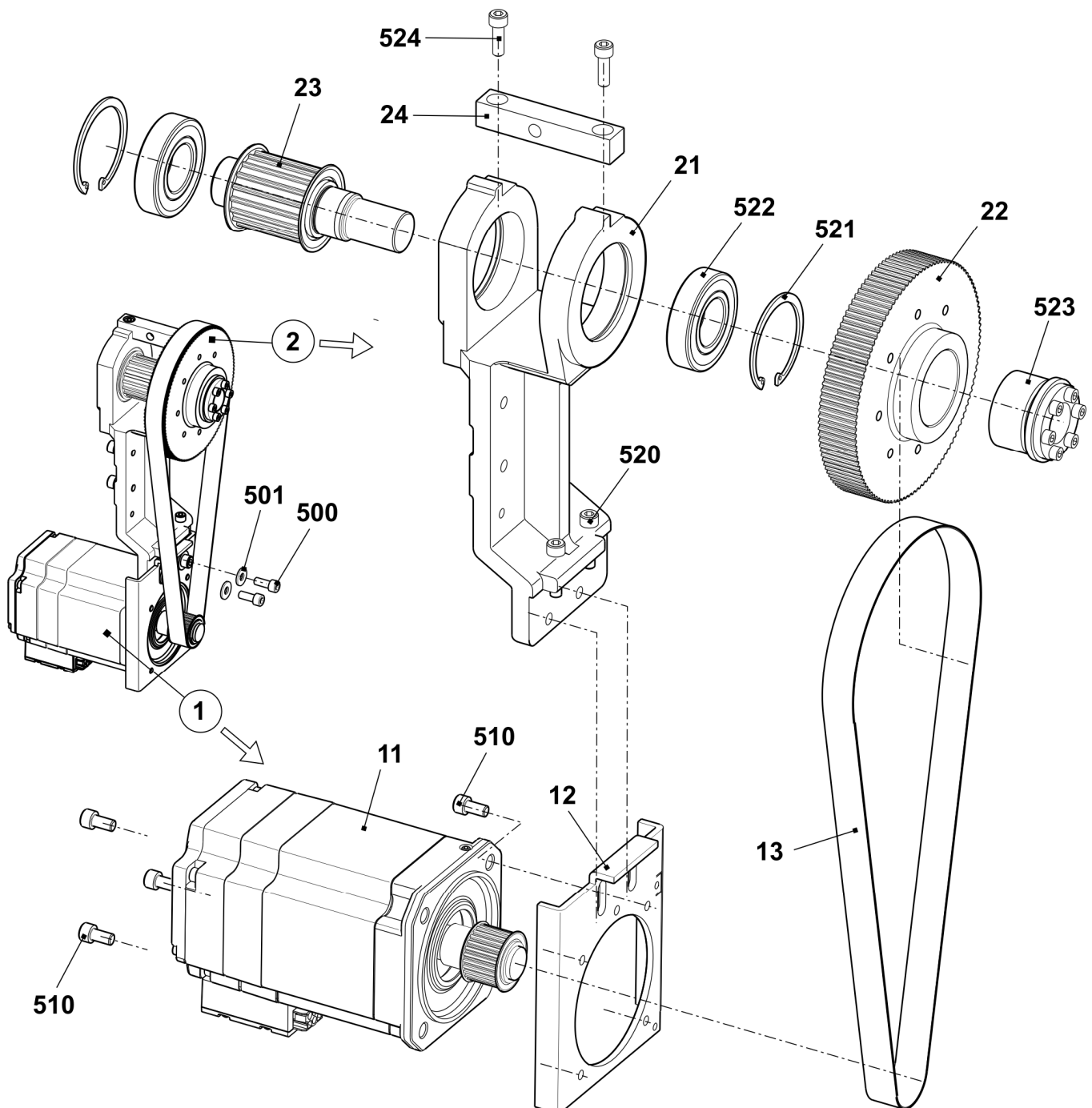
Drive

Pos	Designation	Ident No	Pos	Designation	Ident No
10	Stop point	226 553	23	Ventilator complete	242 413
11	Drive unit complete	240 743	23a	Ventilator	213 722
12	Tension bearing complete	241 655	23b	Ventilator plate drive motor	241 823
14	Toothed belt 50AT10/7150	236 656	550	Cap screw M8X12	023 138
15	Adjusting sleeve complete	222 530	522	Hexagon screw M12X120	022 934
16	Distance pipe	222 099	904	Cap screw M10x80	020 165
17	Parabolic spring	200 661	905	Slide nut M10X12	023 471
18	Hexagon bolt	238 922	906	Spring washer A 10	021 010
			907	Cap screw M10x25	020 157



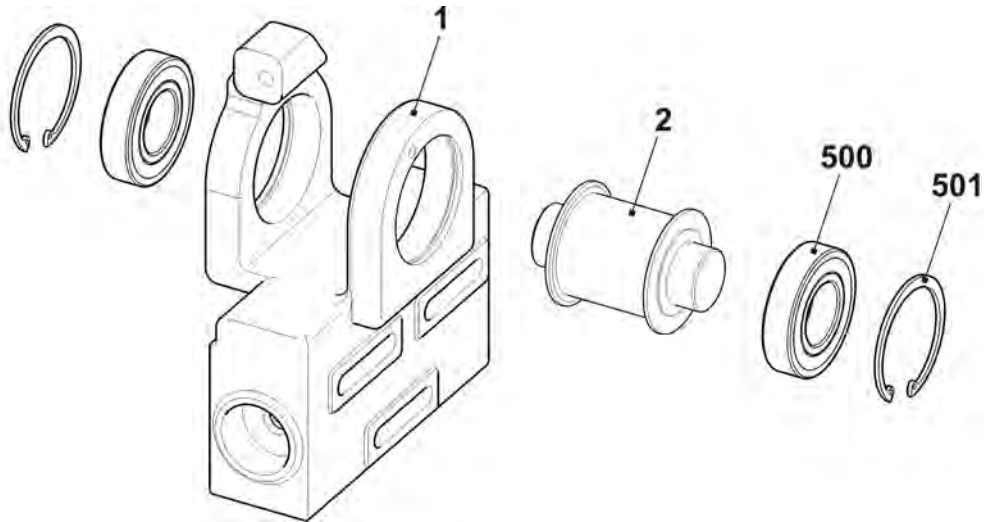
Motor and belt drive

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive unit complete	240 743	2	Drive bearing complete	240 742
1	Drive unit	240 741	21	Drive bearing	241 654
11	Drive motor complete	240 740	22	Timing belt pulley	240 616
12	Motor plate	227 662	23	Pinion 57 AT10 18	242 039
13	Toothed belt 250 HP-S5M 1050 NG	240 628	24	Support buffer	222 100
510	Cap screw M8X16	023 629	520	Cap screw M8X35	020 144
500	Cap screw M10x25	020 157	521	Locking ring 68x2.5	022 914
501	Disc 10.5X25X2.5	022 178	522	Ball bearing 6207-2RS	022 915
			523	Tension set 30X55	023 208
			524	Cap screw M8X2512.9	020 142



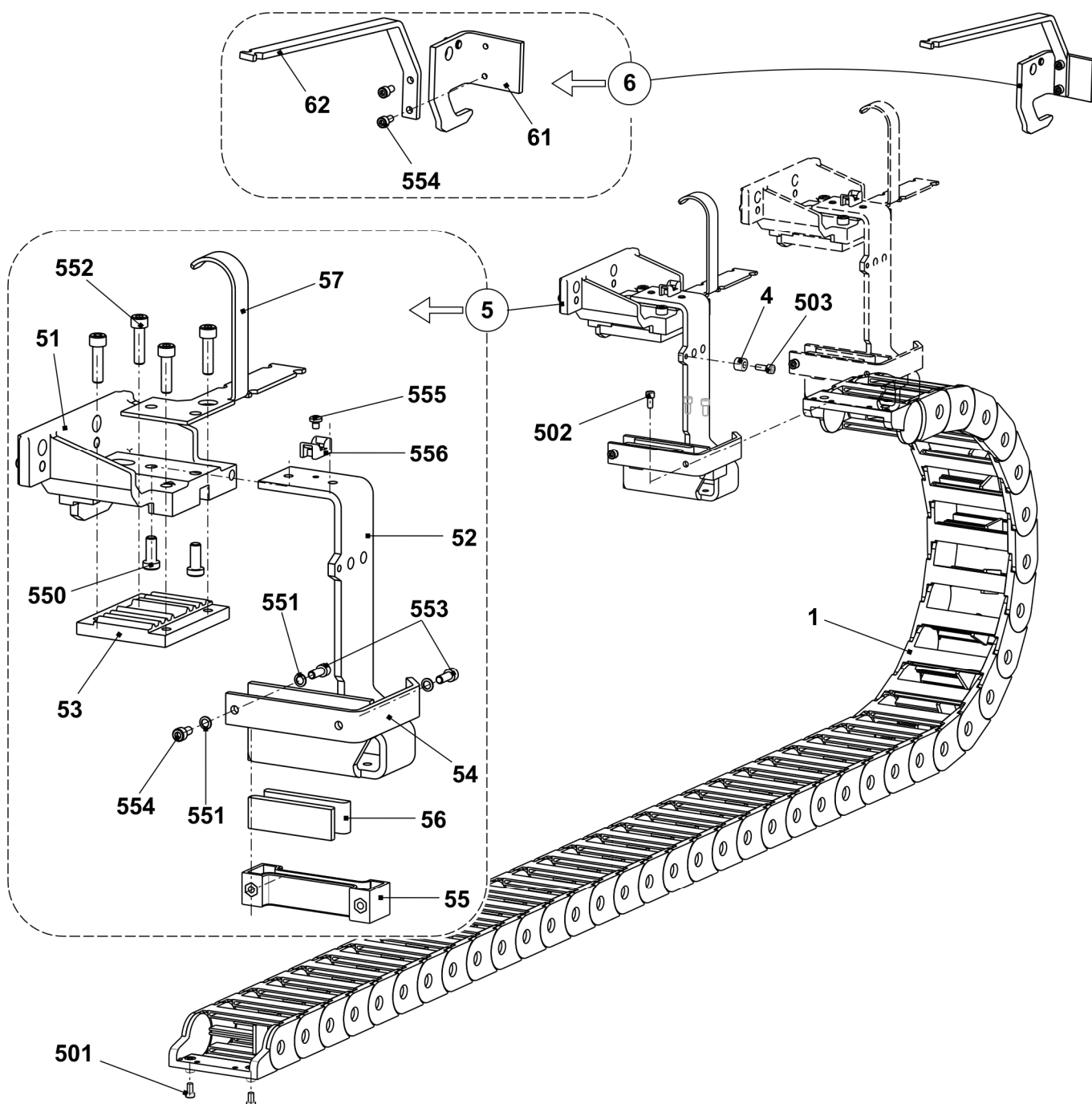
Tension bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension bearing complete	241 655	500	Ball bearing 6207-2RS	022 915
1	Housing tension bearing	241 656	501	Locking ring 72x2.5	022 914
2	Tension roller	222 055			



Energy chain and carriage driver

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Energy chain (41 links)	236 927	5	Continuation carriage driver complete	
4	Spacer	214 584	550	Cap screw M8x16 8.8	023 144
501	Cap screw M6x8	023 411	551	Circlip S6	022 752
503	Cap screw M6X16	020 135	552	Cap screw M8X30	020 143
5	Carriage driver complete	241 430	553	Cap screw M6X16	020 135
51	Carriage driver	241 404	554	Cap screw M6X12	020 134
52	Cable driver	241 431	555	Countersunk screw M5x6	023 284
53	Clamping plate	226 111	556	Fixing element	026 489
54	Covering bar	230 698	6	End stop complete	242 776
55	Cable holder	204 688	61	Stop point	242 528
56	Cellular caoutchouc black	202 597	62	Cable holder	244 330

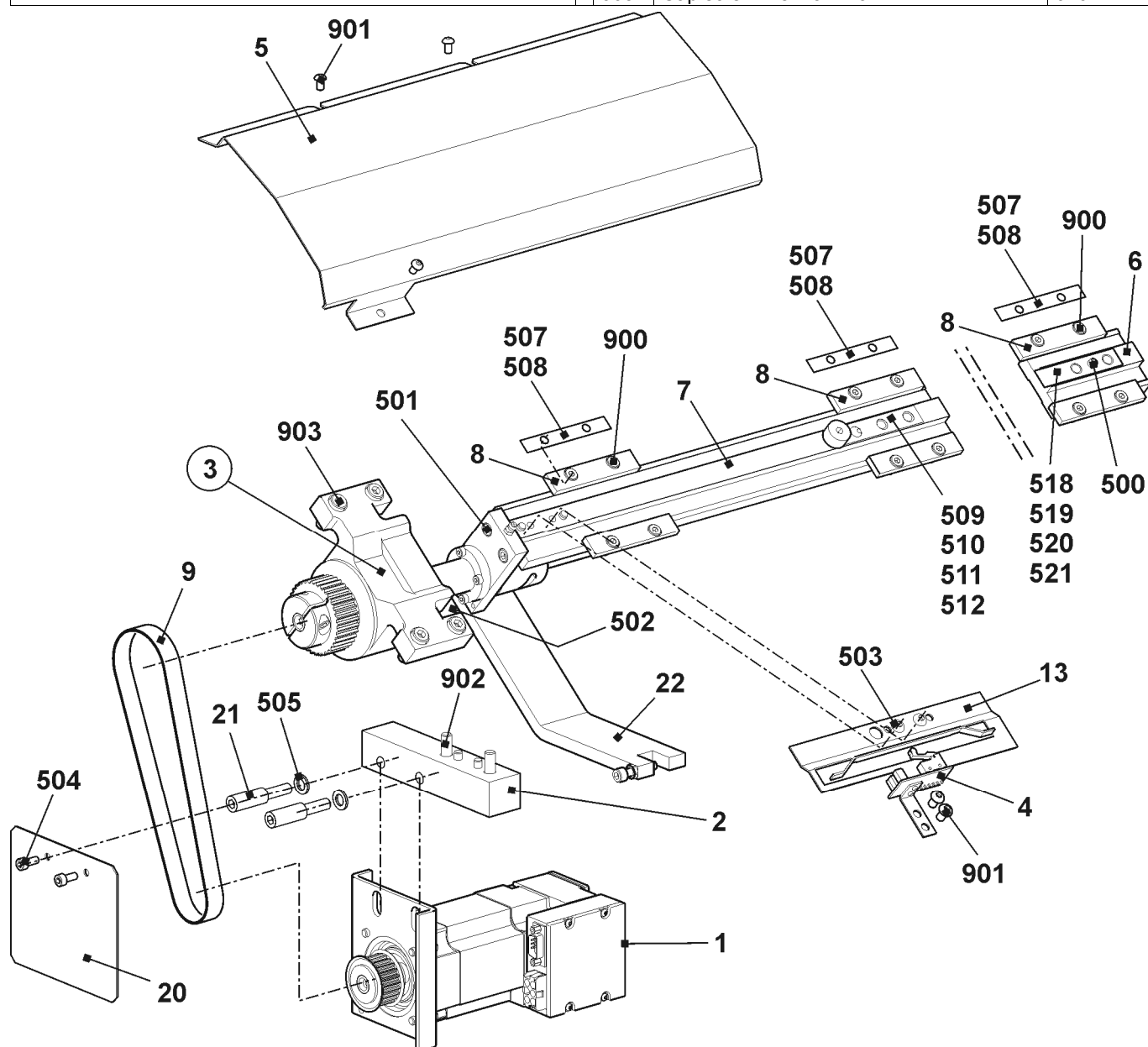


Racking



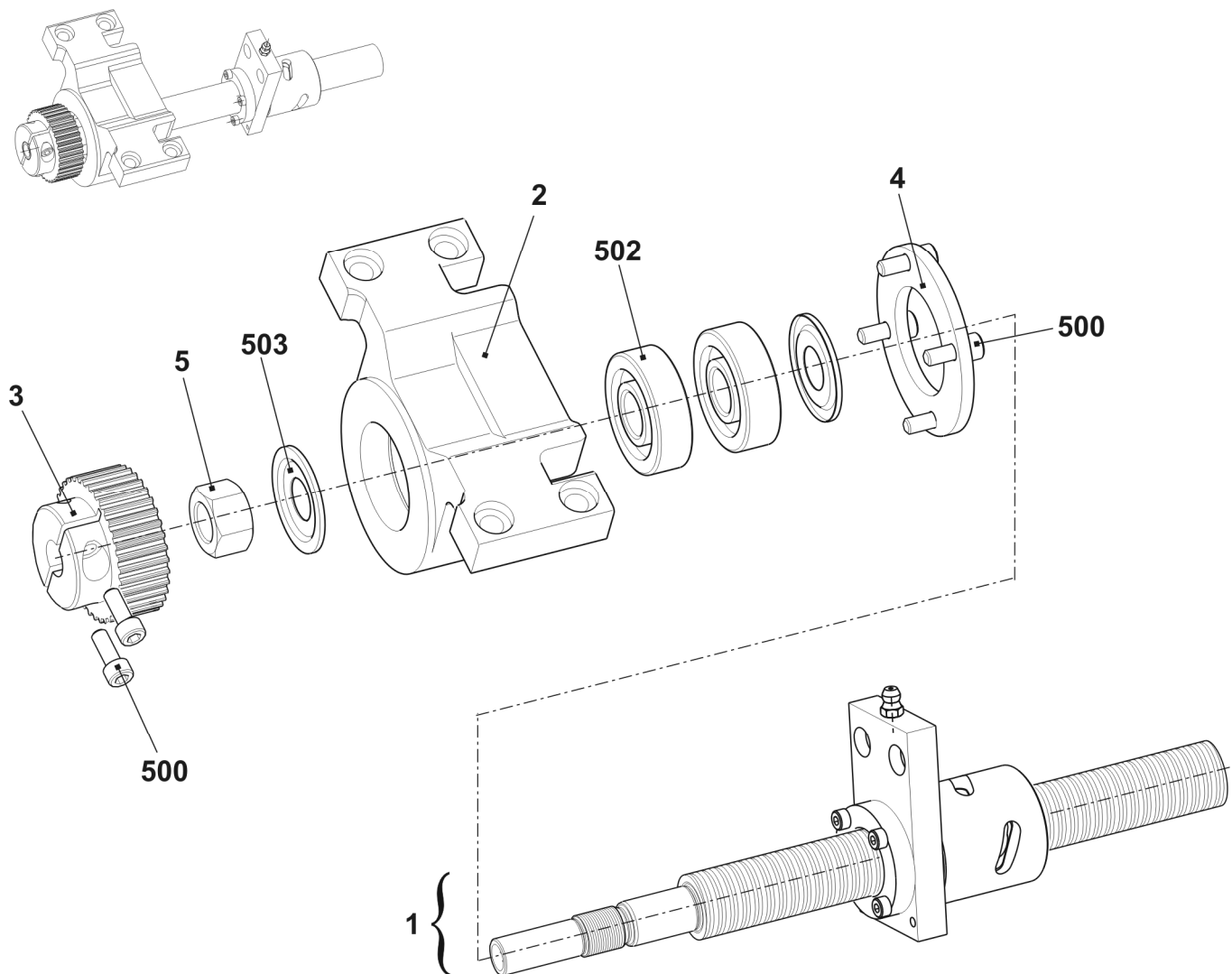
Racking drive

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive unit racking	241 920	502	Cap screw M6X16	020 135
1	Racking motor complete	241 454	503	Countersunk screw M6x10-12.9	023 183
2	Bearing	227 605	504	Cap screw M5x12	020 132
3	Spindle bearing complete	240 798	505	Washer	020 883
4	Card racking limit switch	229 396	507	Shim 0.03x11x80	023 286
5	Racking cover plate	230 048	508	Shim 0.05x11x80	023 287
6	Racking plate on the left	240 696	509	Shim 0.03x15x85	023 162
7	Racking plate	241 921	510	Shim 0.05x15x85	023 163
8	Guide bead	206 382	511	Shim 0.1x15x85	023 164
9	Toothed belt 150 S 5M 490	229 281	512	Shim 0.2x15x85	023 170
13	Switching metal plate	240 722	518	Shim 0.03x15x75	023 395
19	Stop screw	221 386	519	Shim 0.05x15x75	023 396
20	Cover plate	232 544	520	Shim 0.1x15x75	023 397
21	Distance bolt	232 543	521	Shim 0.2x15x75	023 398
22	Bearing fork	240 689	900	Cap screw M6X12	022 795
500	Cap screw M4x4	022 767	901	Countersunk screw M6x10-12.9	023 183
501	Cap screw M6X16	023 116	902	Cap screw M8x35	020 144
			903	Cap screw M8x25-12.9	020 142

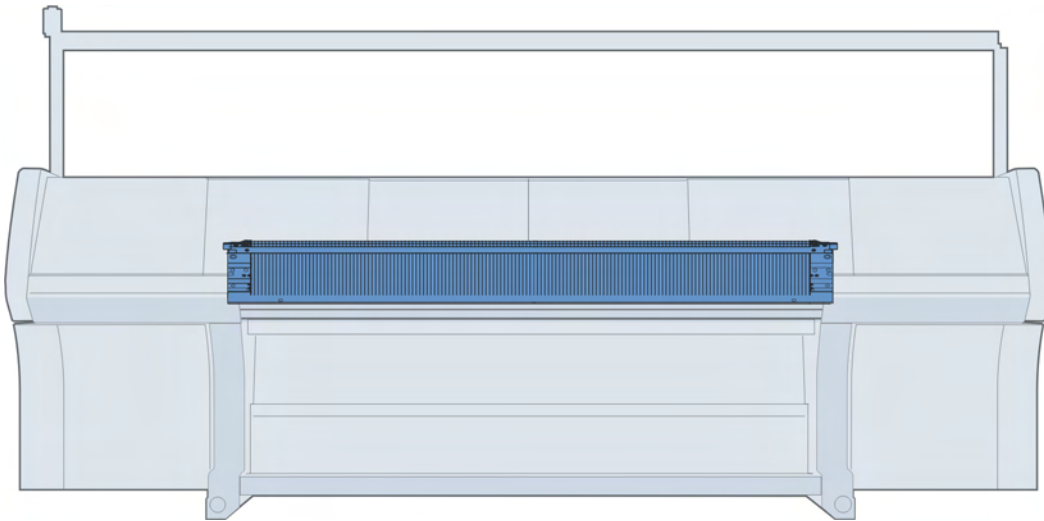


Racking spindle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Spindle bearing complete	240 798	5	Shaft nut	219 677
1	Spindle complete	240 732	500	Cap screw M6x16	020 135
2	Bearing housing	240 724	502	Angular ball bearing 7303B	023 488
3	Timing belt pulley 36 S5M 150	219 664	503	NILOS Ring 7303 AVG 41,2X17X2	023 487
4	Ring	219 676			

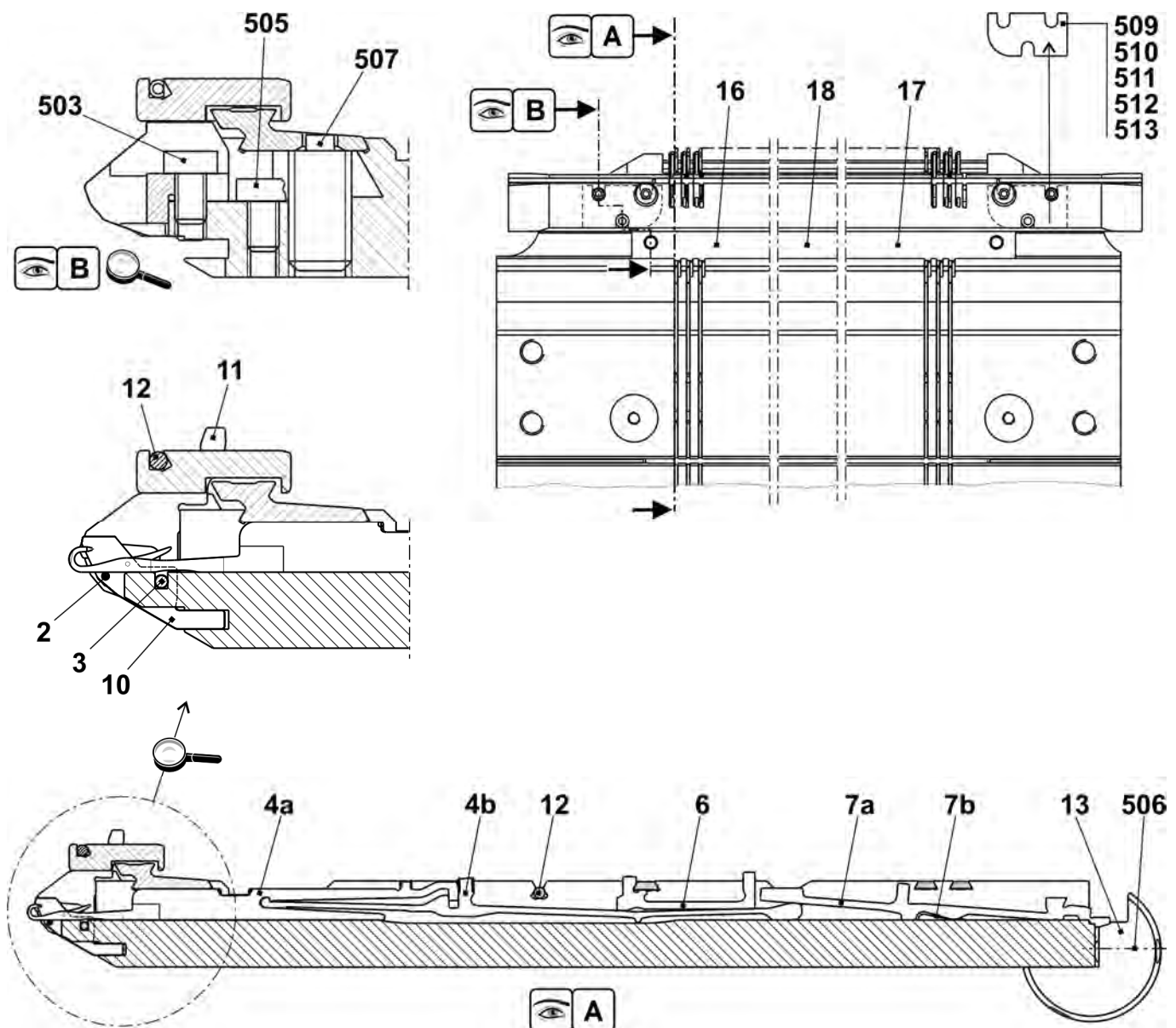


Needle beds



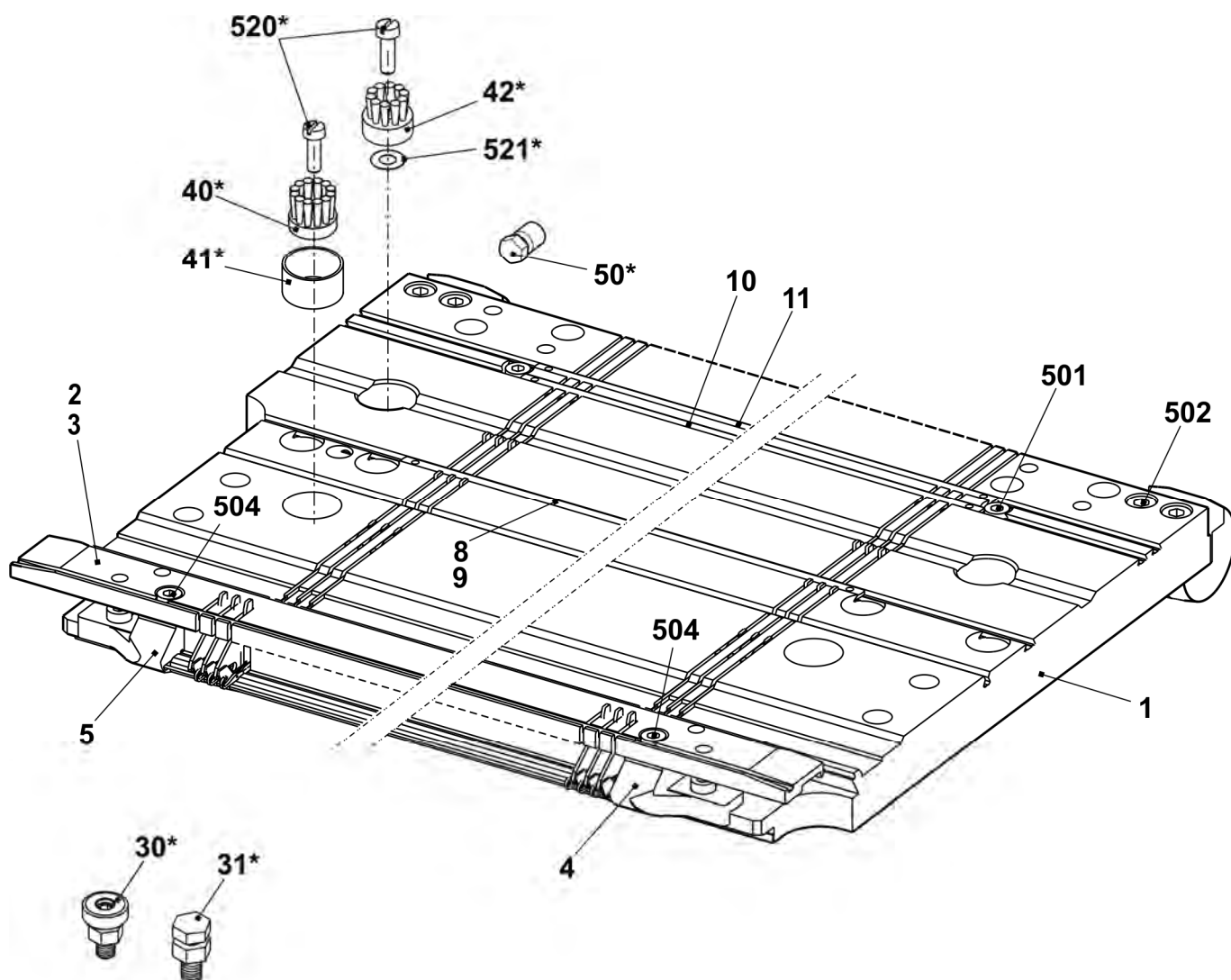
Needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5	238 217	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E5-E6 with round hook	205 396	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E5	204 996	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E5	205 031	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



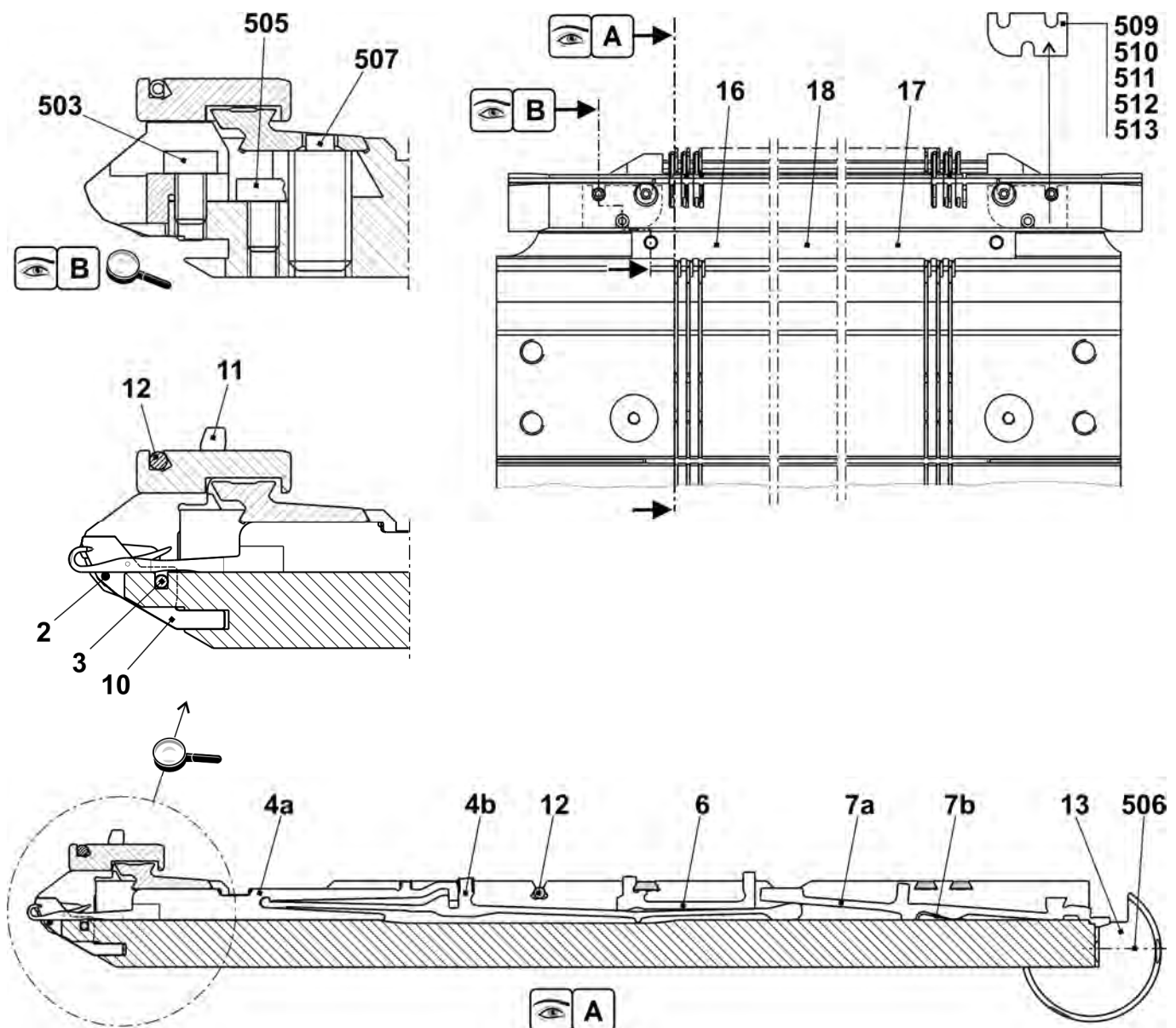
Continuation needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5	238 217	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E5	238 005	502	Cap screw M6x25	020 137
2	Holding-down jack bed E5	238 027	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E5	238 021	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E5	237 377	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



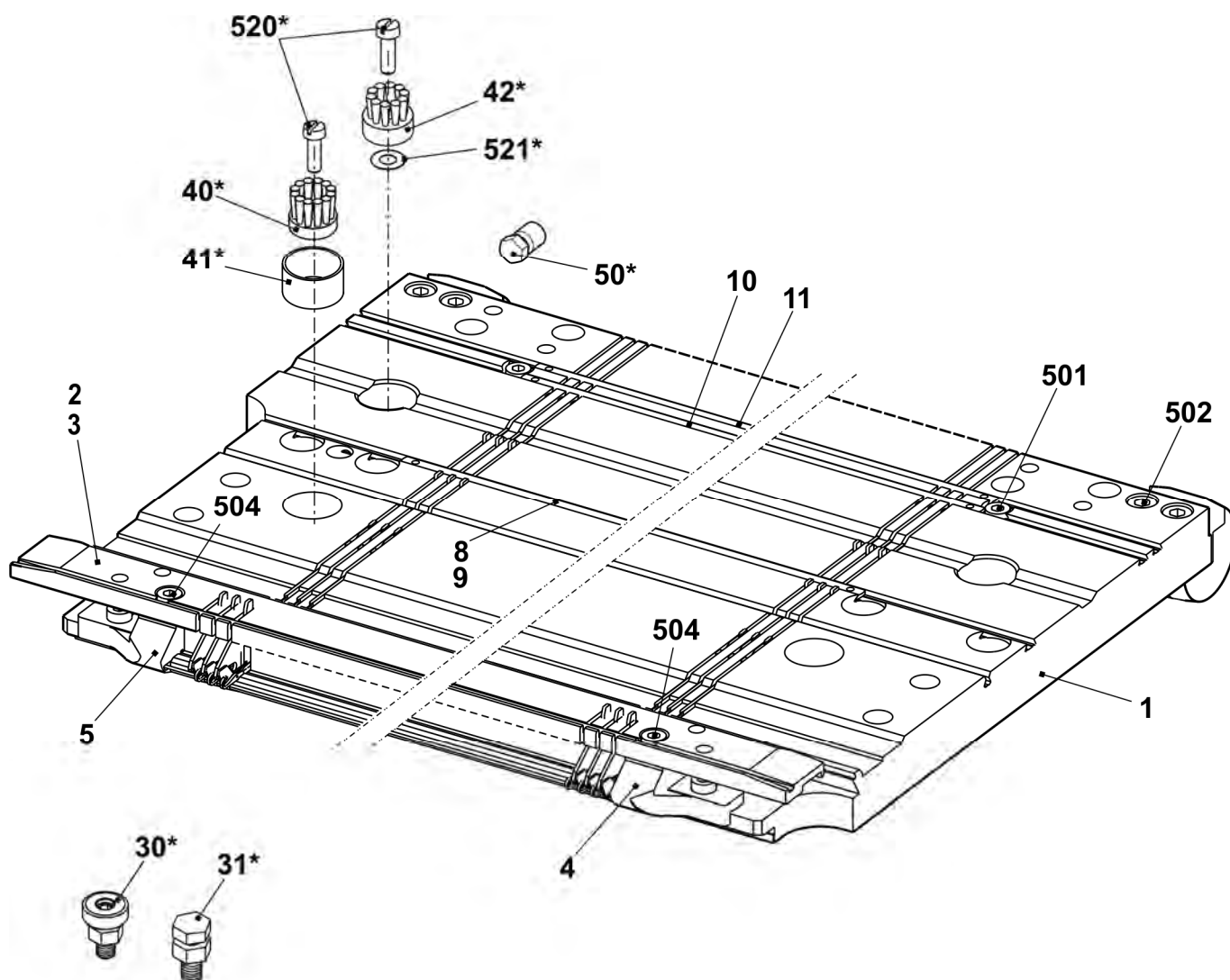
Needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7	238 218	16	Needle rail on the left	205 311
2	Spring steel wire E7-8 Ø0.8	227 078	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E7 with round hook	205 397	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider E5-8	210 176	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E7	207 055	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E7	205 032	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



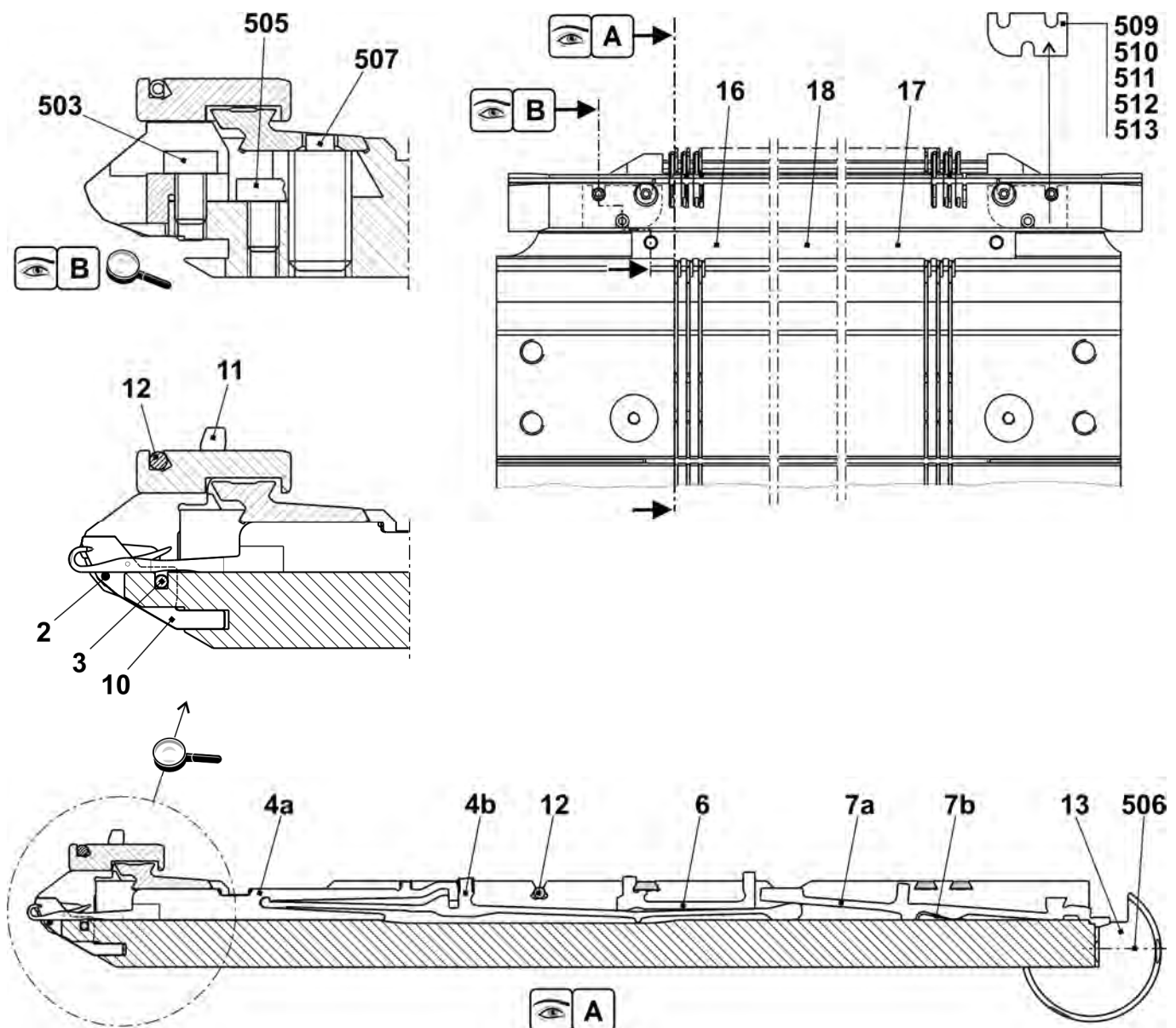
Continuation needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7	238 218	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E7	238 006	502	Cap screw M6x25	020 137
2	Holding-down jack bed E7	238 028	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E7	238 022	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E3,5.2	238 018	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



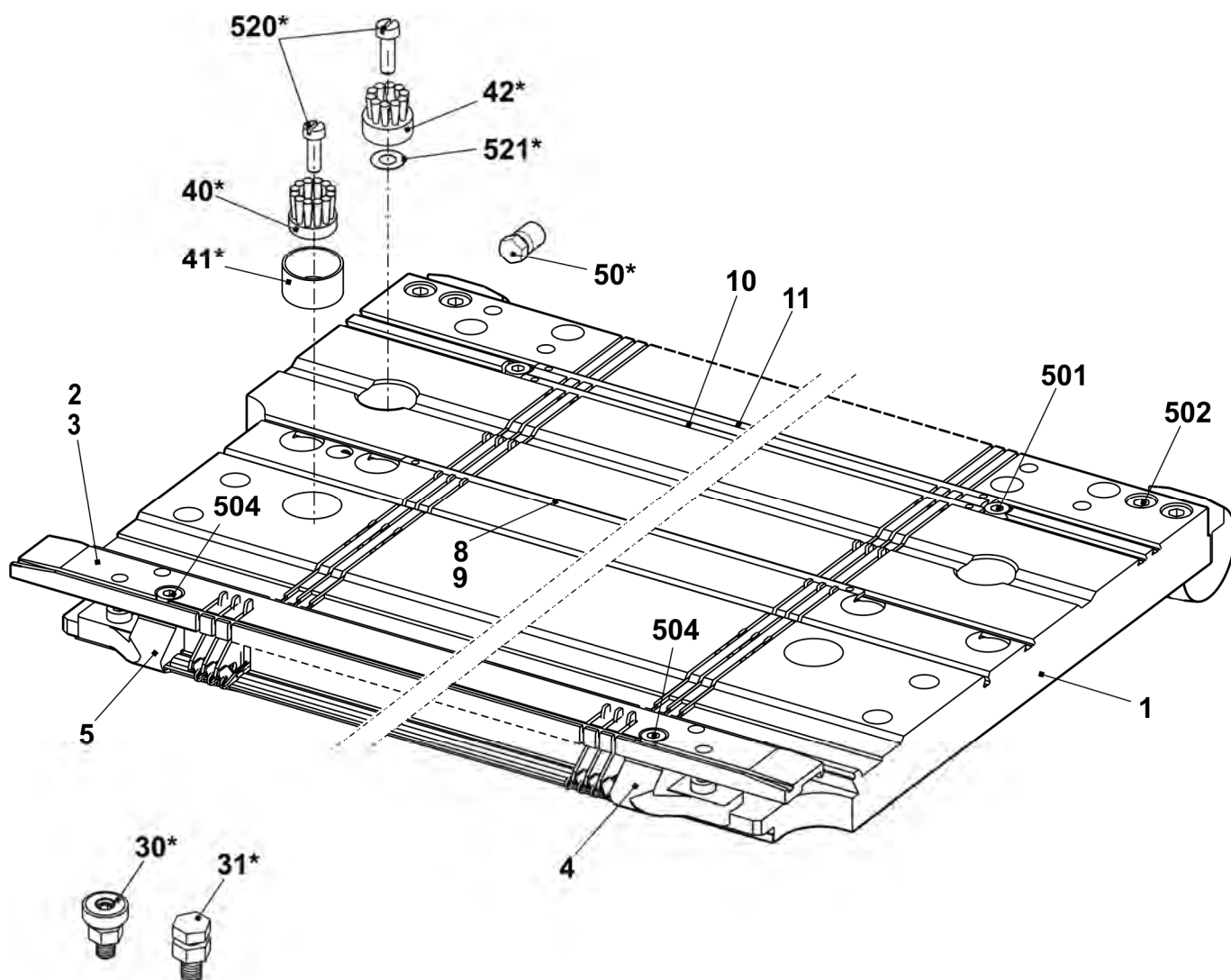
Needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8	238 219	16	Needle rail on the left	205 311
2	Spring steel wire E7-8 Ø0.8	227 078	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E8 with round hook	208 745	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E8	207 054	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E8	205 028	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



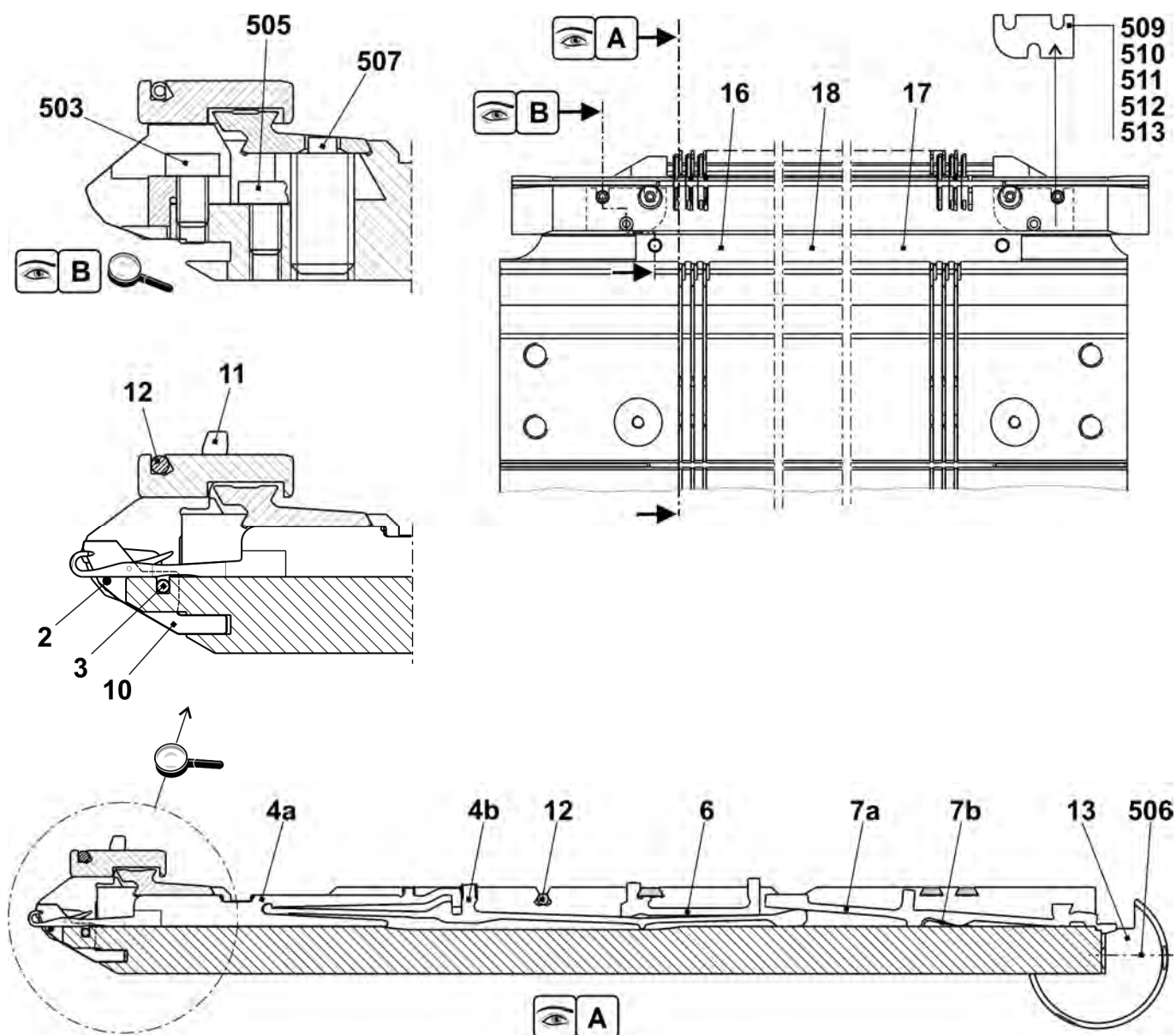
Continuation needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8	238 219	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E8	238 007	502	Cap screw M6x25	020 137
2	Holding-down jack bed E8	238 029	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E8	238 023	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E8	238 015	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



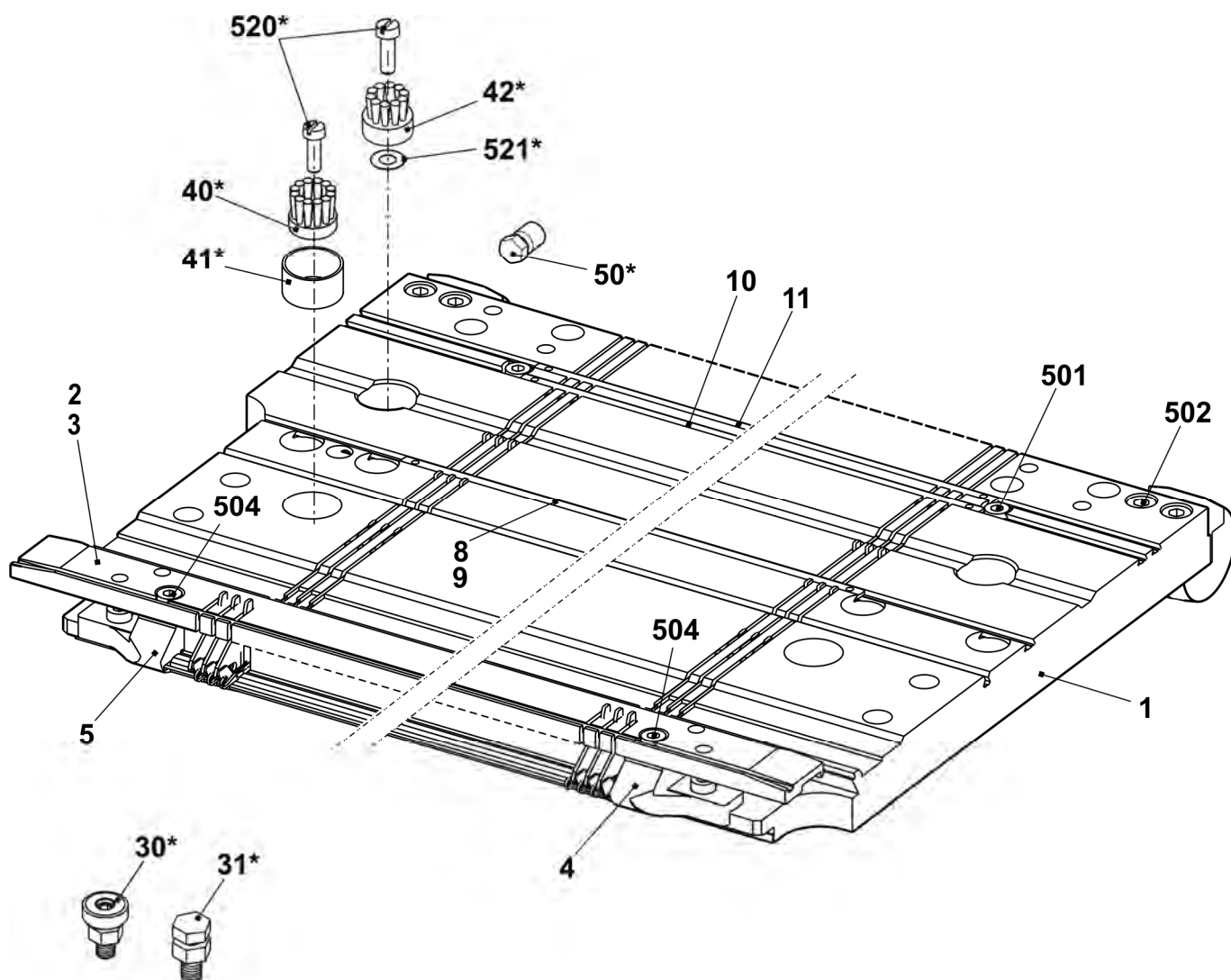
Needle bed E10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10	241 680	16	Needle rail on the left	205 311
2	Spring steel wire E10-14 Ø0.6	223 849	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E10 with round hook	205 398	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E10-12	200 683	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
7a	Selector spring E10-12	200 691	507	Sprung thrust piece B-M10	023 177
7b	Selection jack E10-12	200 688	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E10	239 756	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack (trick wall) E10	239 815	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



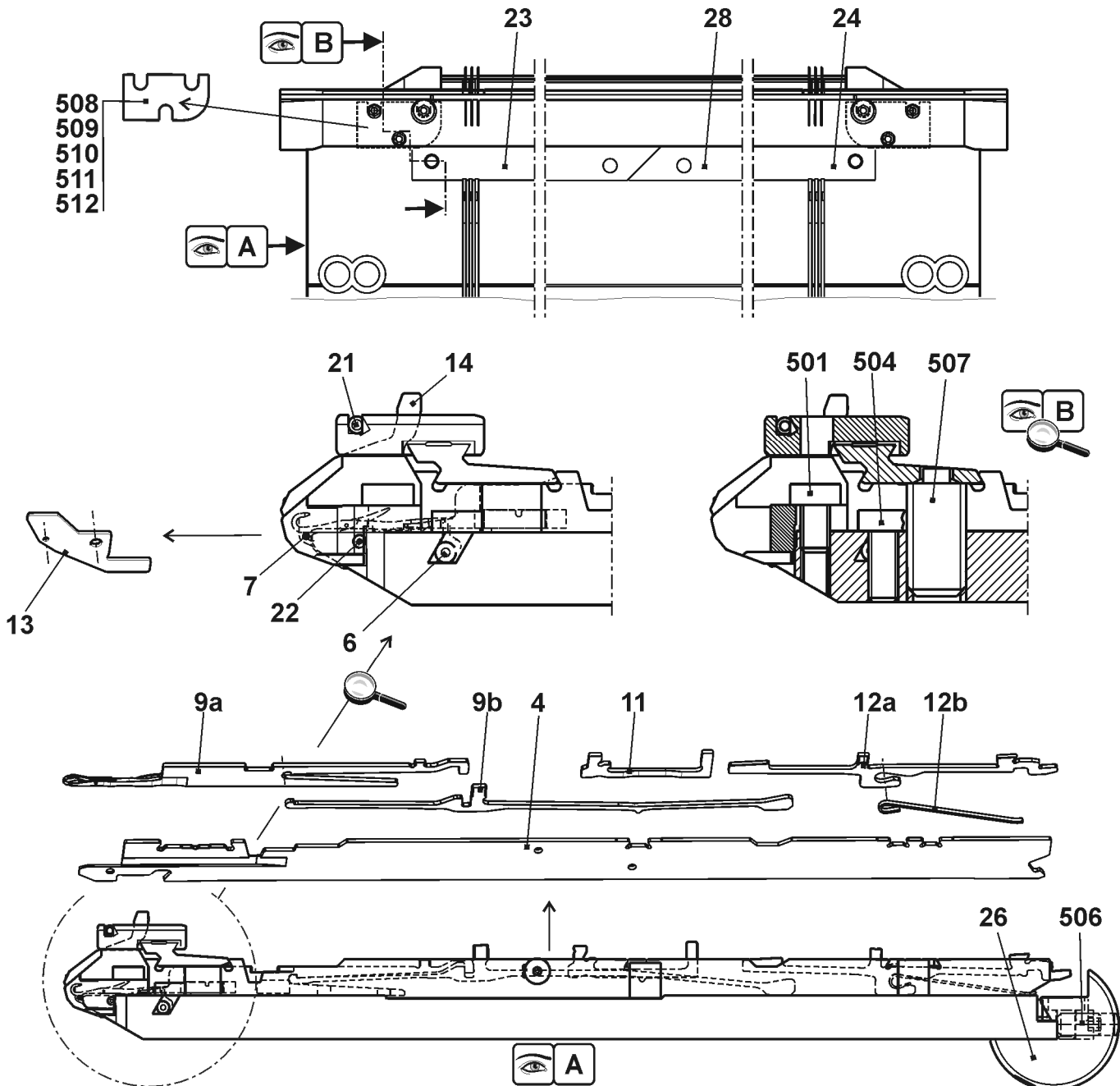
Continuation needle bed E10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10	241 680	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E10	241 671	502	Cap screw M6x25	020 137
2	Holding-down jack bed E10	238 030	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E10	238 024	30*	Adjusting piece	206 375
4	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
5	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E5.2	237 506	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



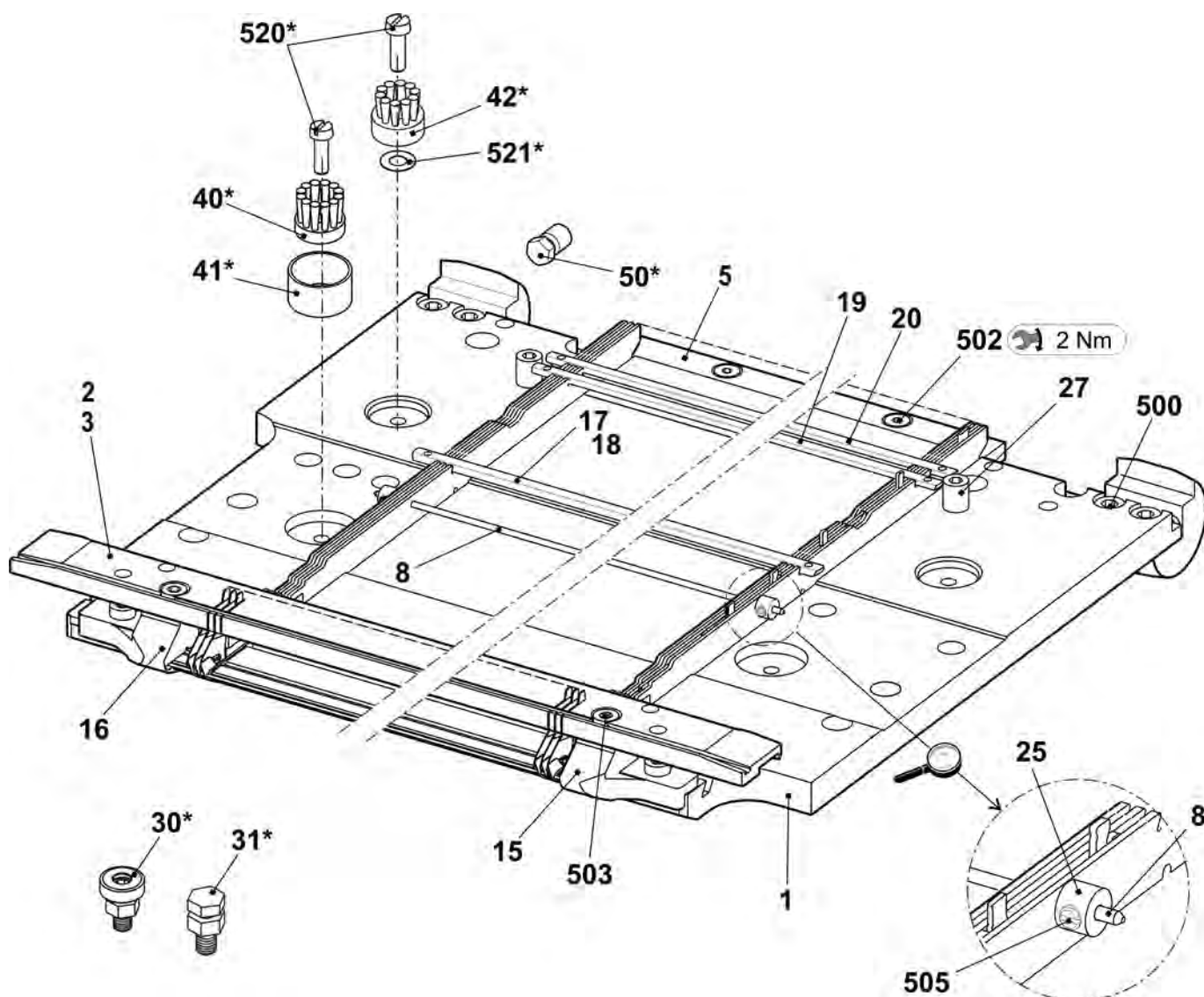
Needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E12	238 210	23	Needle rail on the left	205 311
4	Main trick wall E12	205 355	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E12	204 009	501	Cap screw M5x8	023 154
9b	Coupling part E10-12	200 683	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
12a	Selection jack E10-12	200 688	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E12	205 013	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall) E12	227 821	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



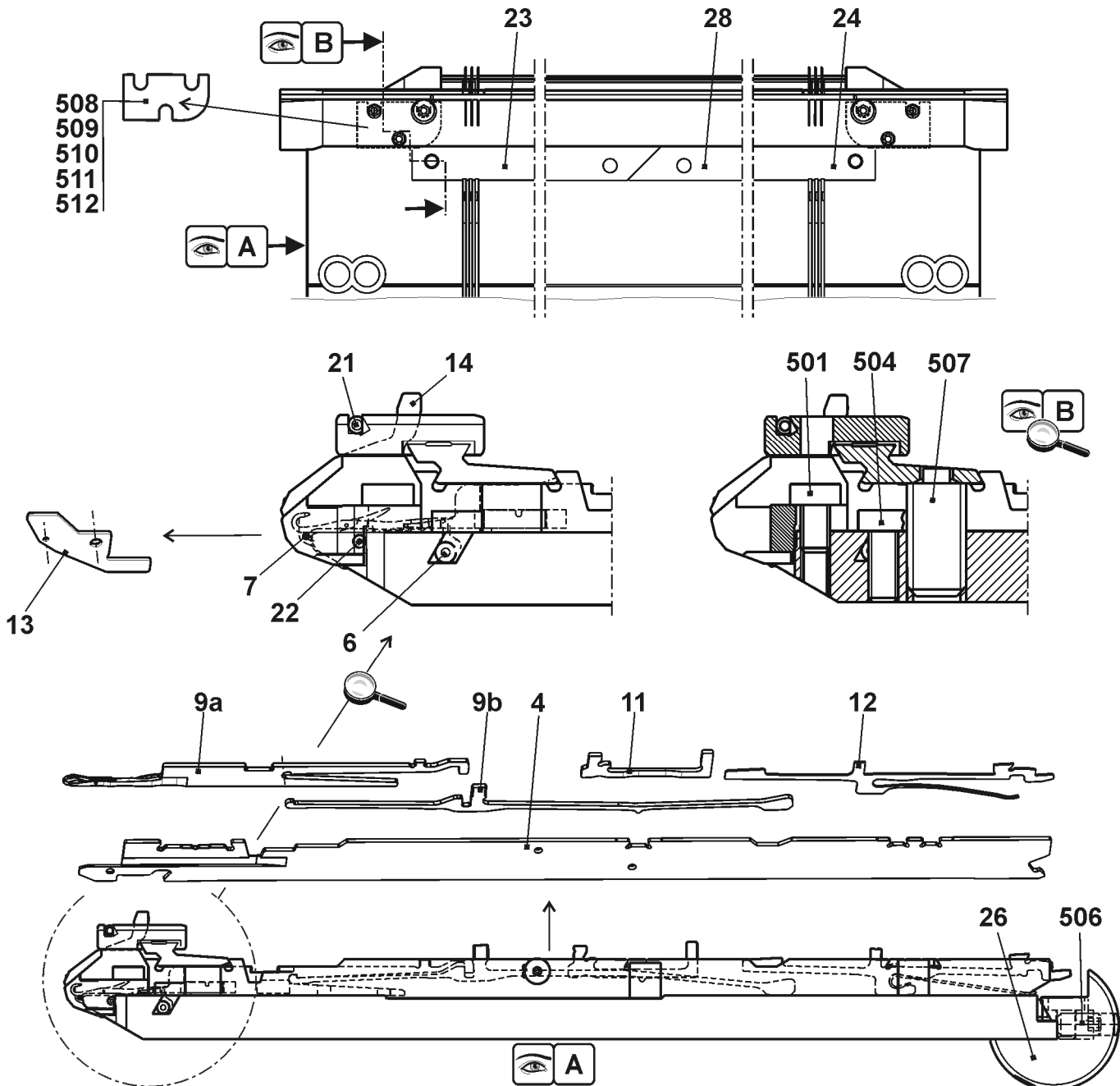
Continuation needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E12	238 210	27	Stop screw	214 039
1	Needle bed at the front and rear E6.2	237 485	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E12	238 025	502	Cap screw M5x8	023 379
3	Holding-down jack bed E12	238 031	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E6.2	237 507	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



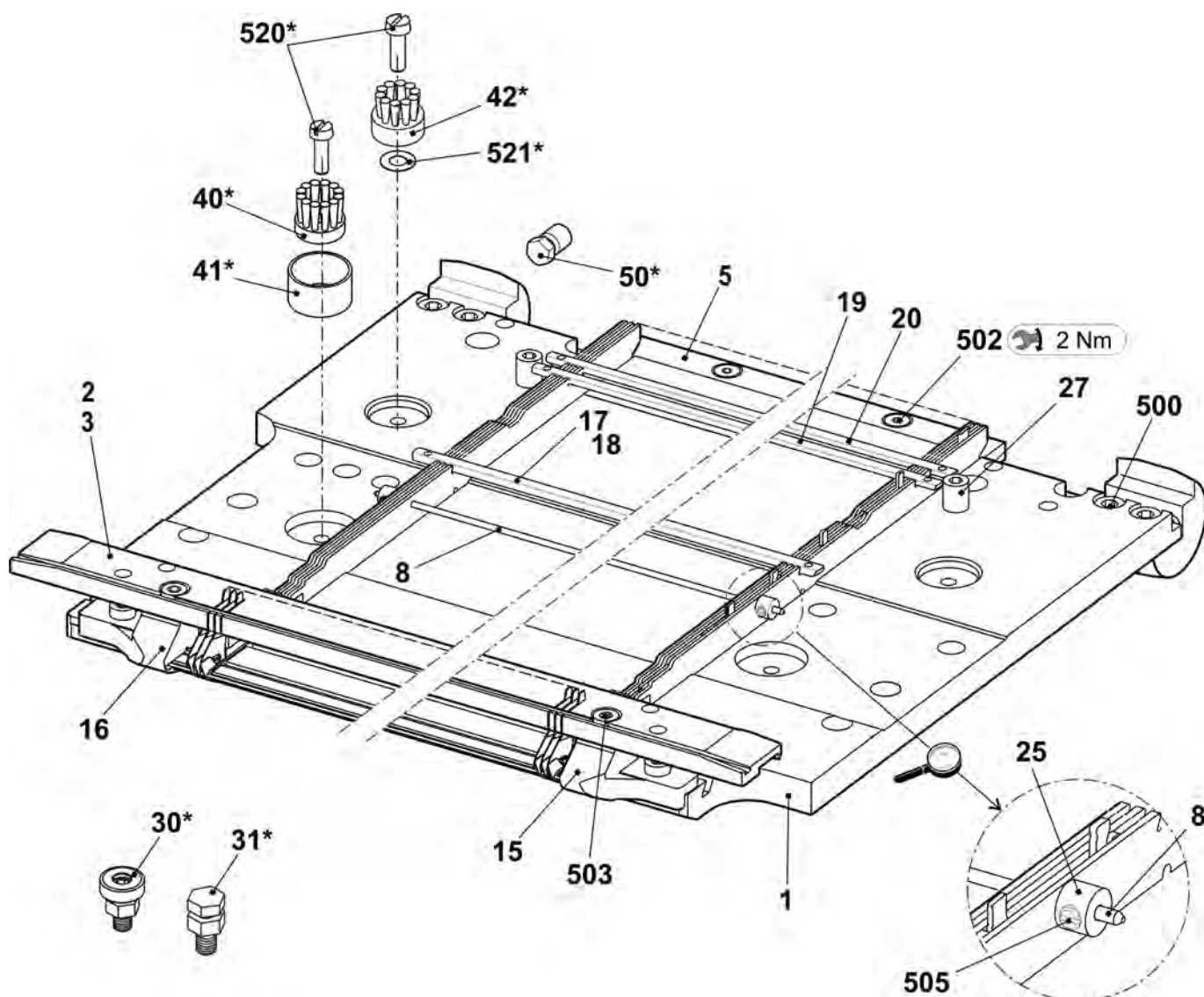
Needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E14	238 211	23	Needle rail on the left	205 311
4	Main trick wall E14	209 574	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E14	209 614	501	Cap screw M5x8	023 154
9b	Coupling part E14	209 633	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E14	237 373	506	Set screw M6x12-45	022 400
12	Selection jack E14 with spring	224 725	507	Sprung thrust piece B-M10	023 177
-----			508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E14	209 649	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall) E14	235 262	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



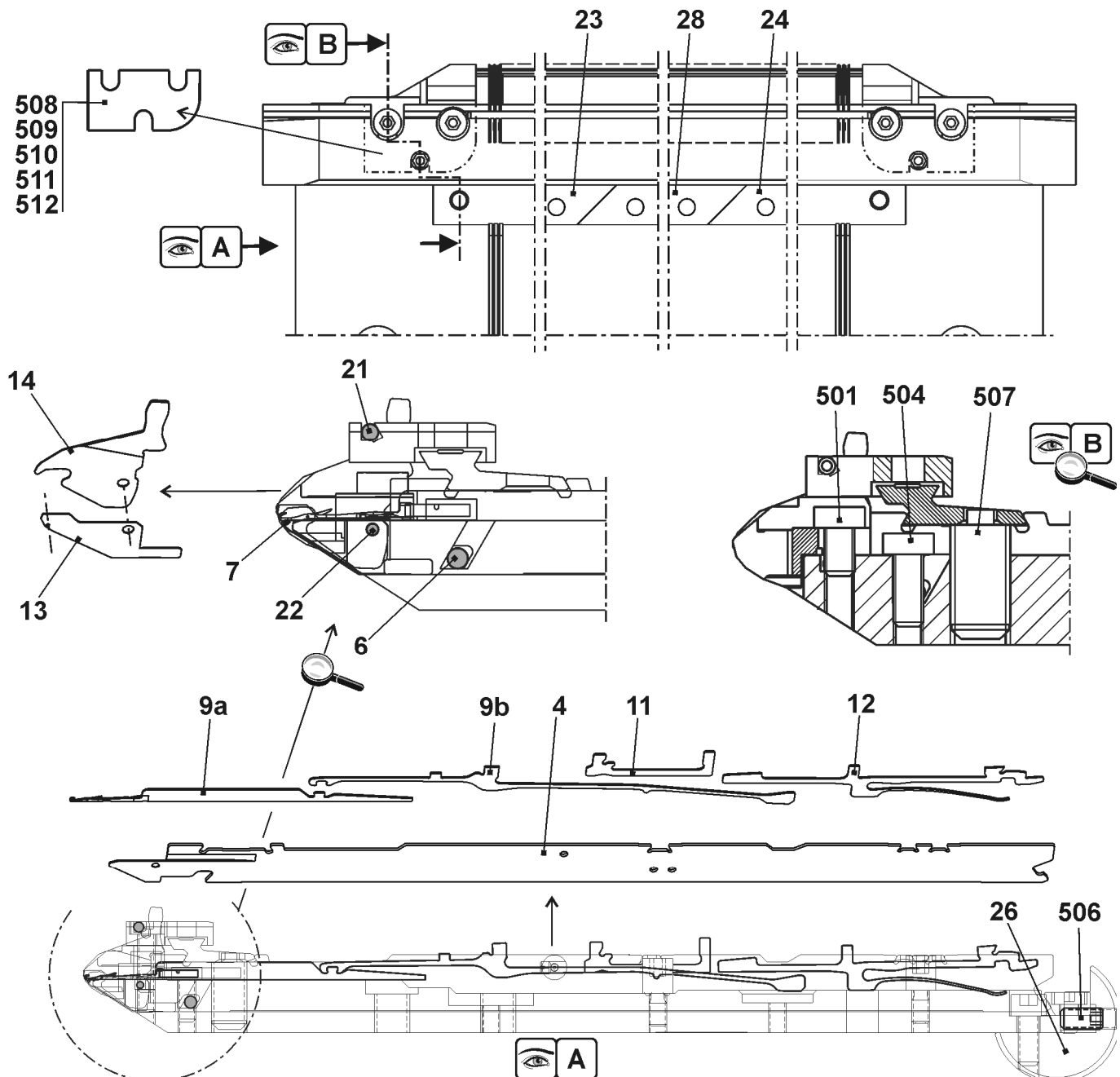
Continuation needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E14	238 211	27	Stop screw	214 039
1	Needle bed at the front + rear E7.2	237 486	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E14	238 026	502	Cap screw M5x8	023 379
3	Holding-down jack bed E14	238 032	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E7.2	237 508	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



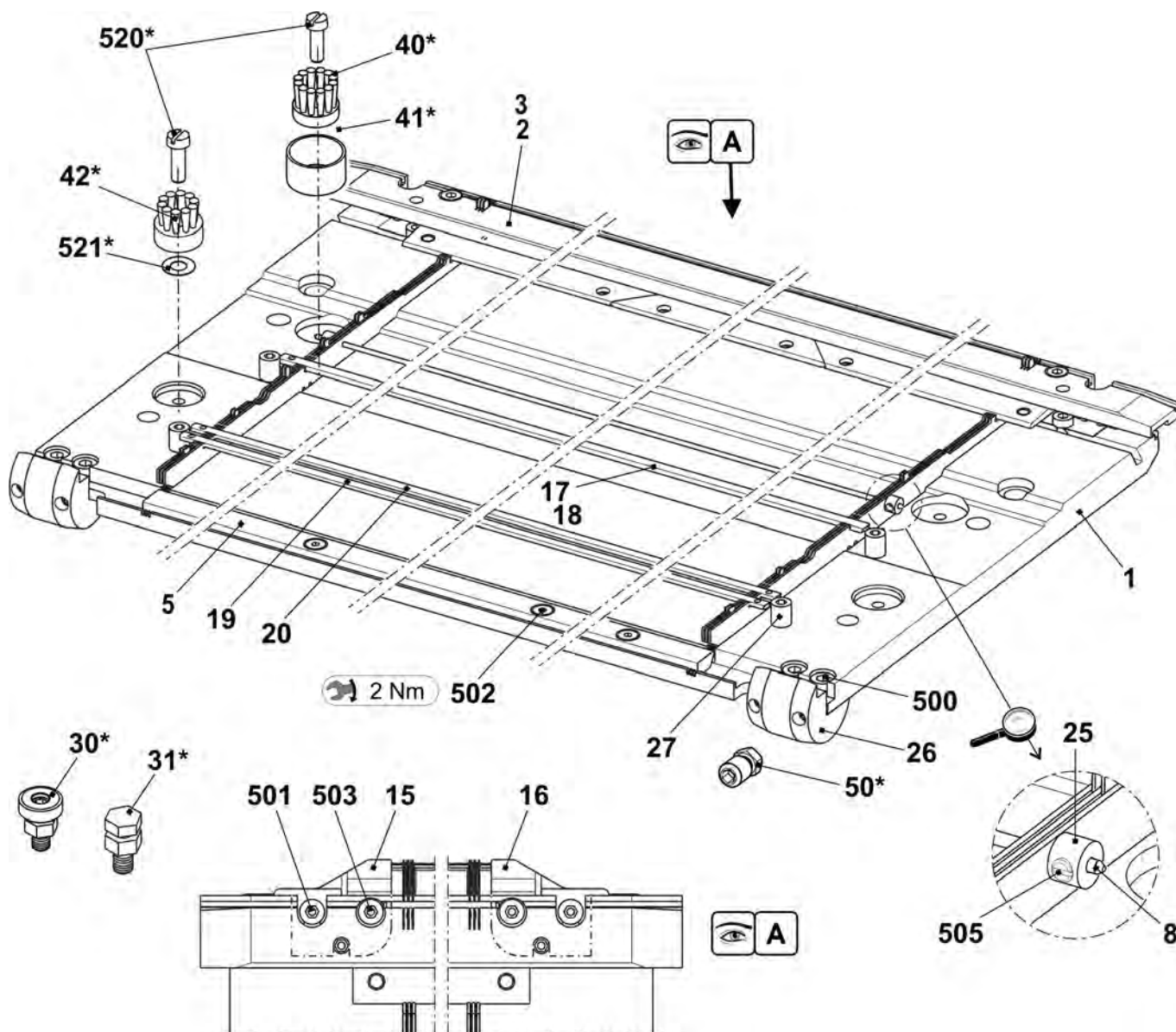
Needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E16	238 928	23	Needle rail on the left	205 311
4	Main trick wall E16	222 501	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire Ø0.5	238 942	28	Needle rail in the middle	237 387
9a	Needle E16-18	232 243	501	Cap screw M5x8	023 154
9b	Coupling part E16-20	220 382	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16	237 326	506	Set screw M6x12-45	022 400
12	Selection jack E16-20	222 265	507	Sprung thrust piece B-M10	023 177
-----			508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E16	222 503	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E16	222 504	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8 Length=2150 mm	238 950	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95 Length=2150 mm	223 852	512	Shim 0.2x18.5x34	023 253



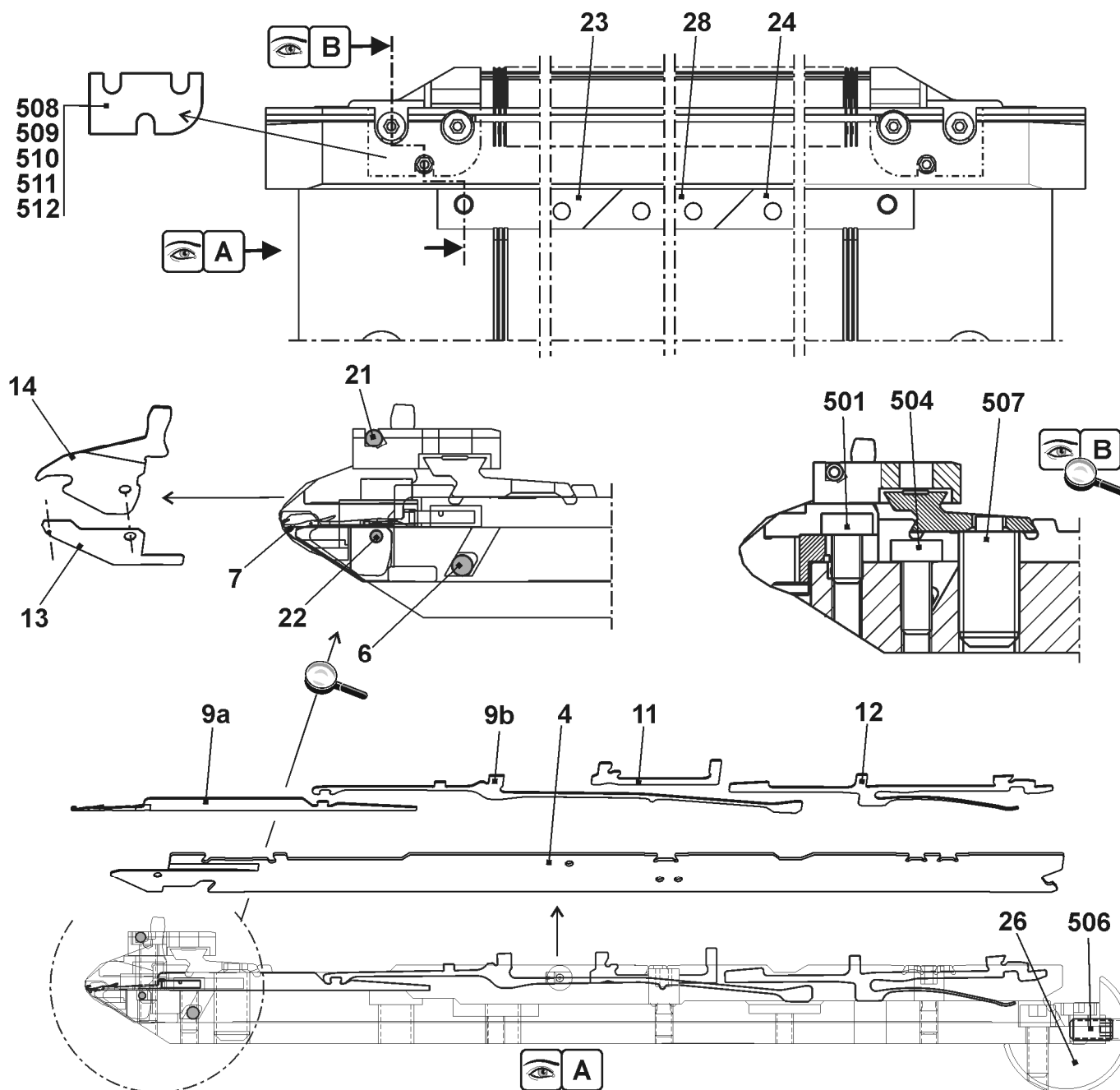
Continuation needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E16	238 928	27	Stop screw	214 039
1	Needle bed at the front rear E16	238 777	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E16	238 917	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E16	238 920	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E16 - E20	220 821	31*	Set screw complete	207 712
16	Limiter on the right E16 - E20	220 822	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E16	238 925	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



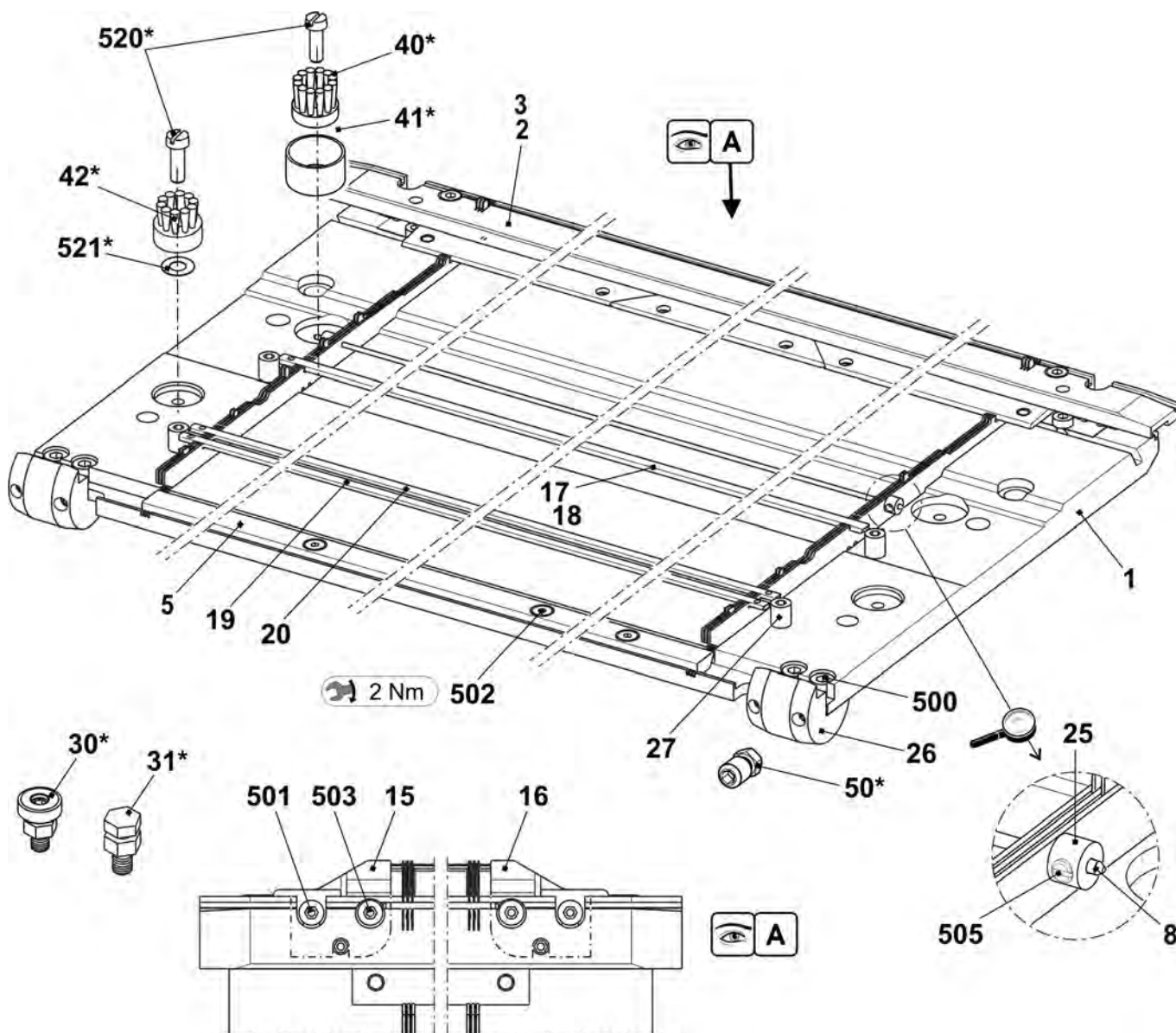
Needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E18	238 962	23	Needle rail on the left	205 311
4	Main trick wall E18	220 698	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire Ø0.5	238 942	28	Needle rail in the middle	237 387
9a	Needle E18	239 527	501	Cap screw M5x8	023 154
9b	Coupling part E16-20	220 382	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16	237 326	506	Set screw M6x12-45	022 400
12	Selection jack E16-20	222 265	507	Spring thrust piece B-M10	023 177
----			508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E18	220 764	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E18	220 770	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	238 950	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



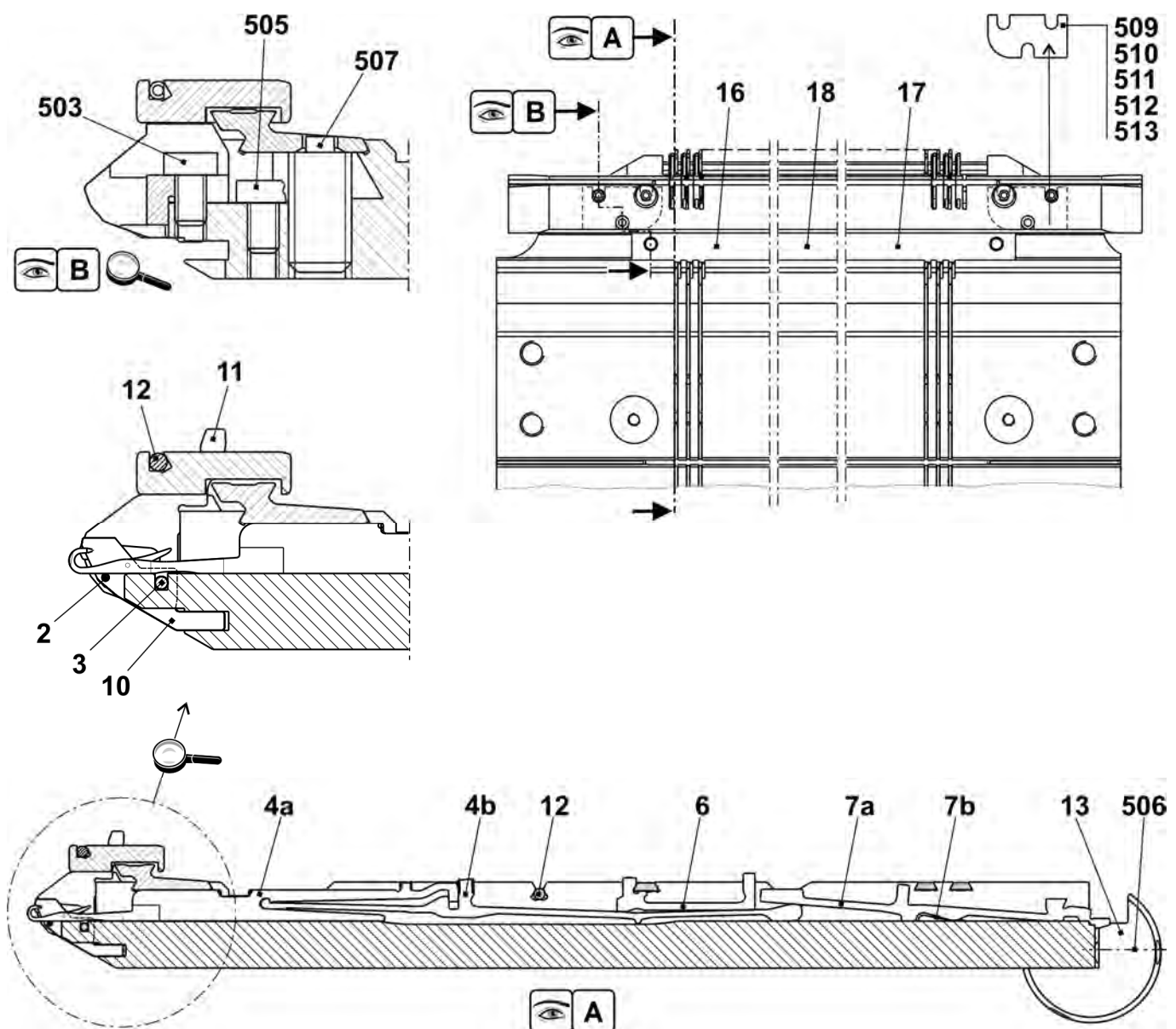
Continuation needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E18	238 962	27	Stop screw	214 039
1	Needle bed at the front + rear E18	238 888	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E18	238 918	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E18	238 921	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E16 - E20	220 821	31*	Set screw complete	207 712
16	Limiter on the right E16 - E20	220 822	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E9.2	238 020	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



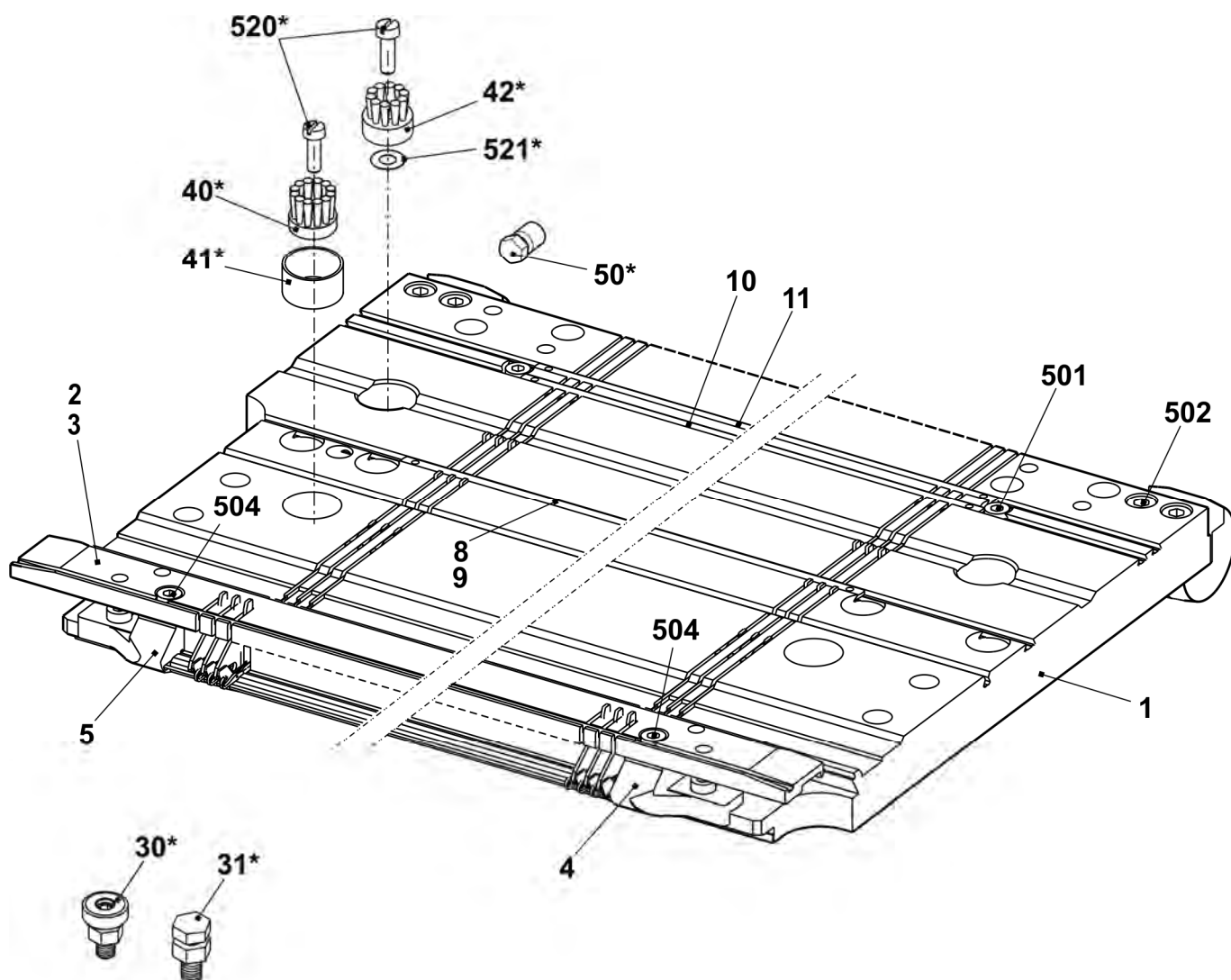
Needle bed E5m.4

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5m.7	238 242	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E2,5.2-3.5.2	232 581	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E5	204 996	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E5	205 031	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



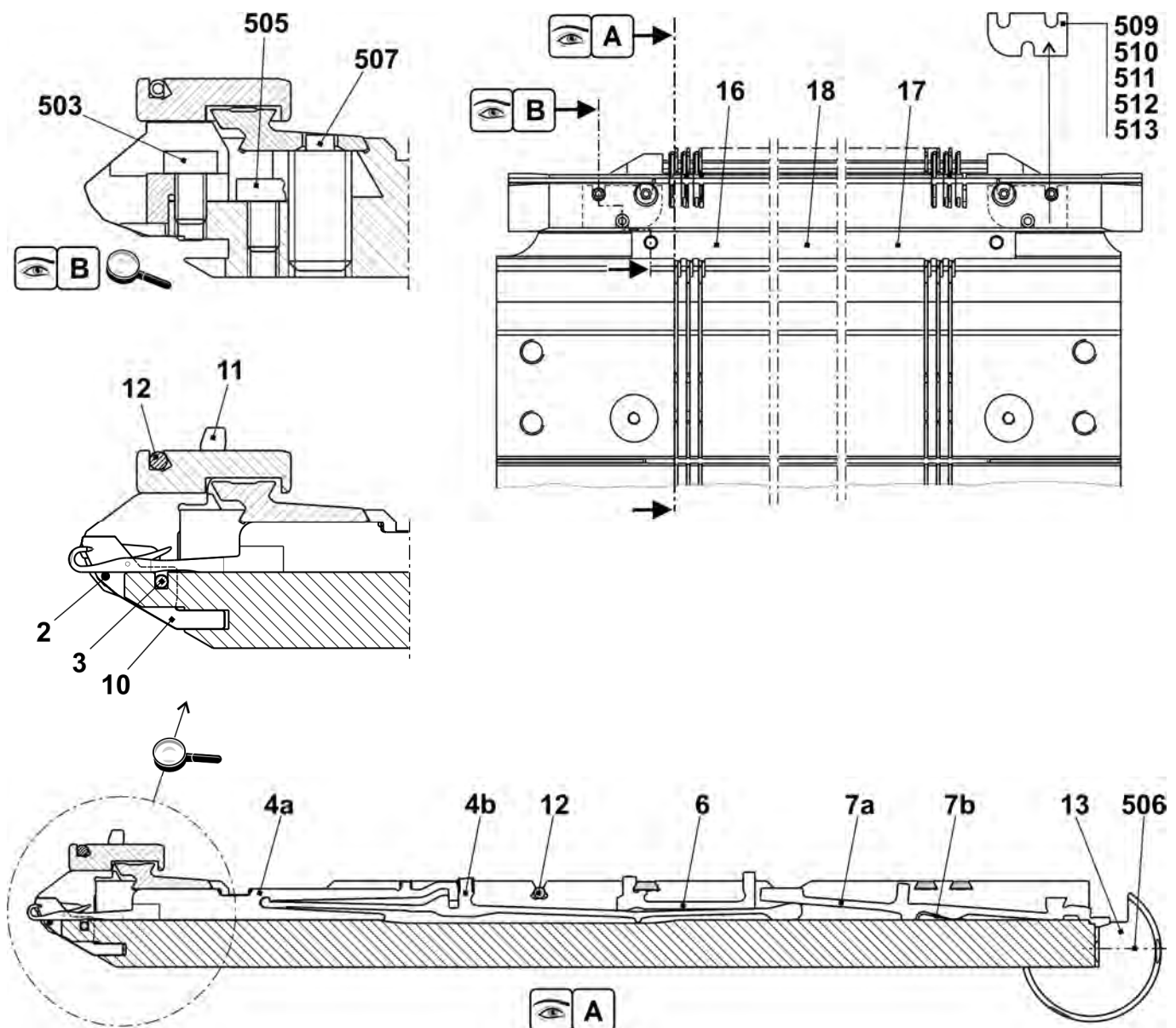
Continuation needle bed E5m.4

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5m.4	238 242	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E5	238 005	502	Cap screw M6x25	020 137
2	Holding-down jack bed E5	238 027	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E5	238 021	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E5	237 377	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



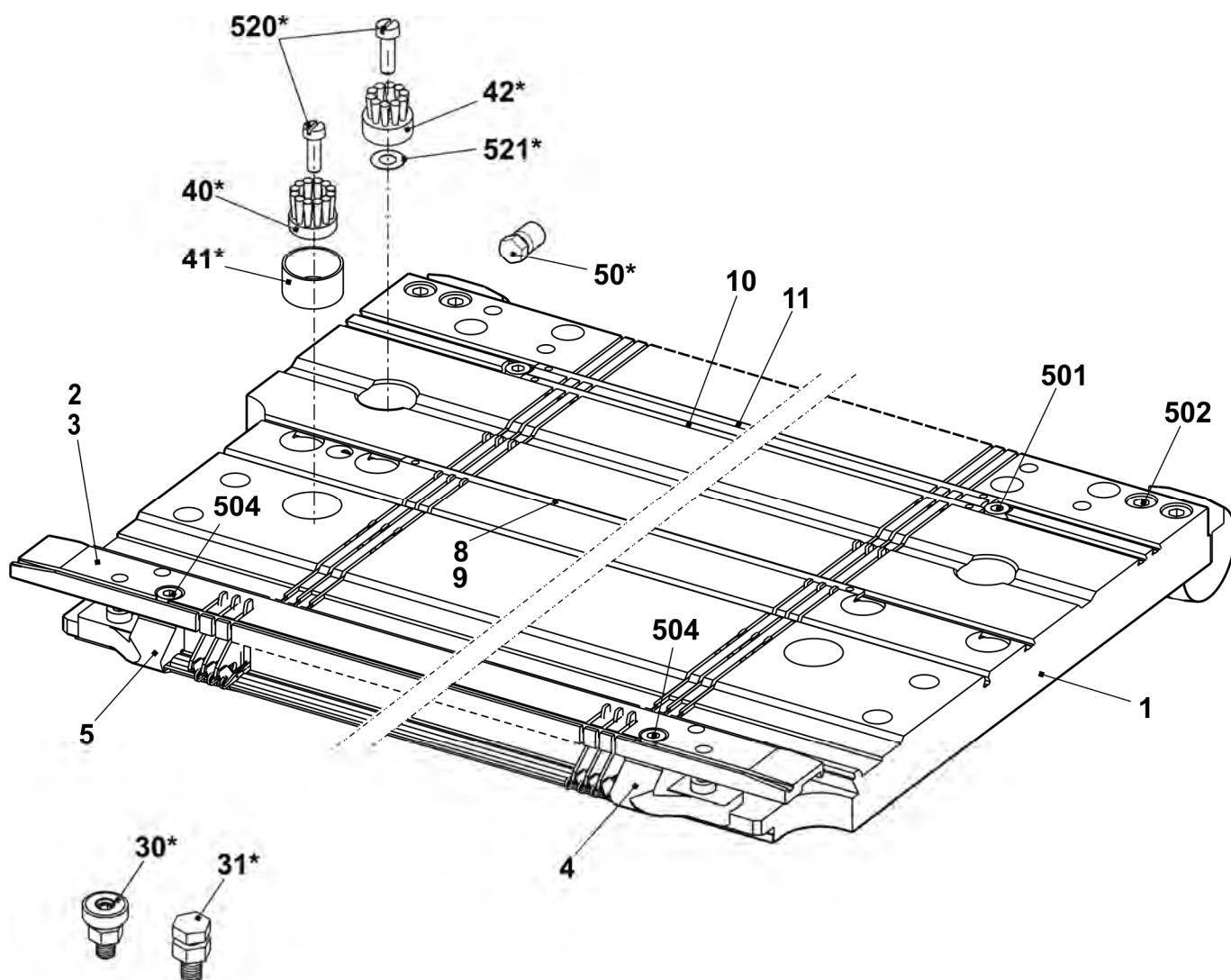
Needle bed E7m.5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7m.5	238 243	16	Needle rail on the left	205 311
2	Spring steel wire E7-8 Ø0.8	227 078	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E5 - E6 with round hook	205 396	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E7	207 055	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E7	205 032	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



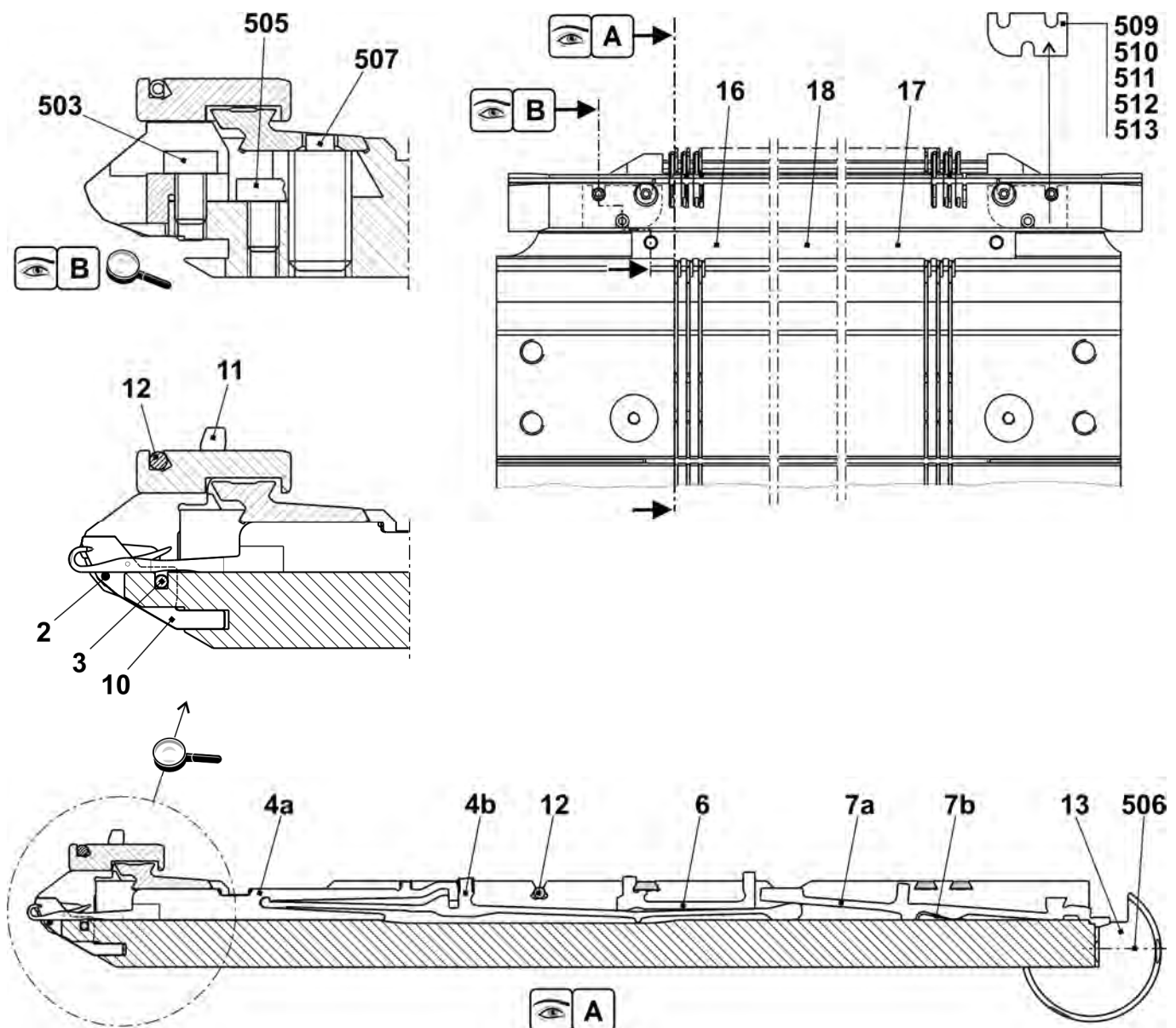
Continuation needle bed E7m.5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7m.5	238 243	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E7	238 006	502	Cap screw M6x25	020 137
2	Holding-down jack bed E7	238 028	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E7	238 022	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E3,5.2	238 018	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



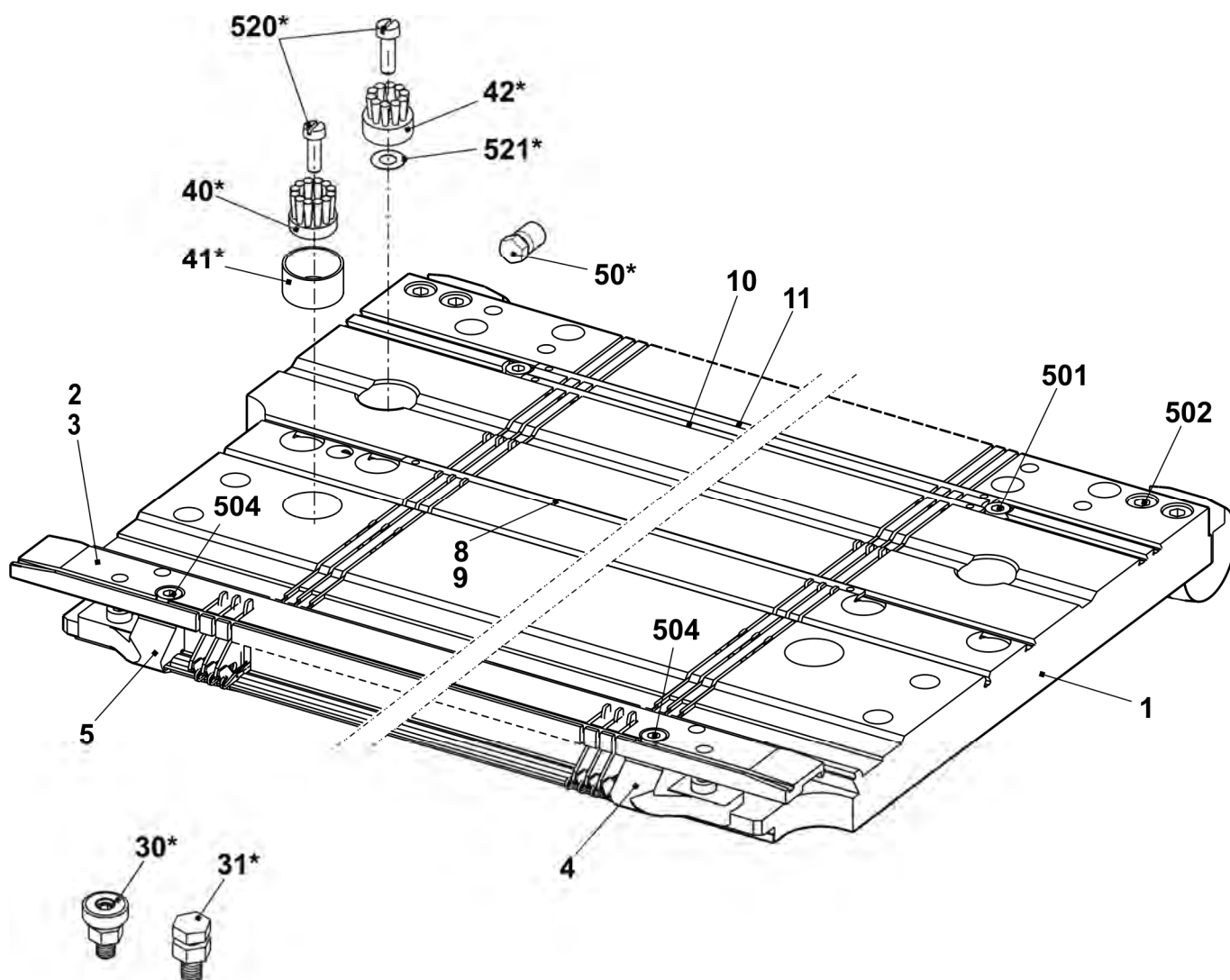
Needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7	238 244	16	Needle rail on the left	205 311
2	Spring steel wire E7-8 Ø0.8	227 078	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E8 with round hook	208 745	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E7	207 055	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E7	205 032	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



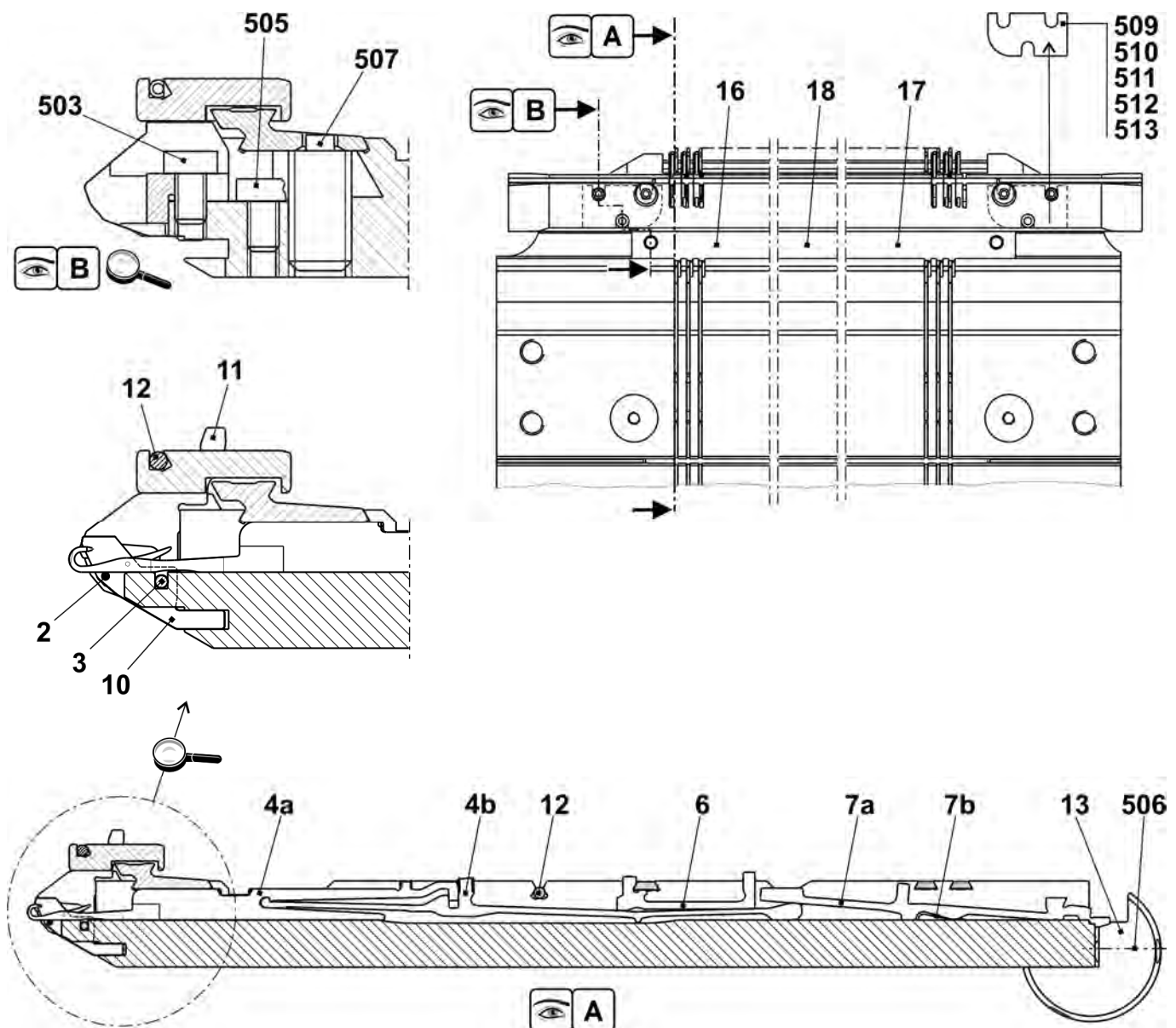
Continuation needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E7m.8	238 244	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E7	238 006	502	Cap screw M6x25	020 137
2	Holding-down jack bed E7	238 028	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E7	238 022	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E3,5.2	238 018	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



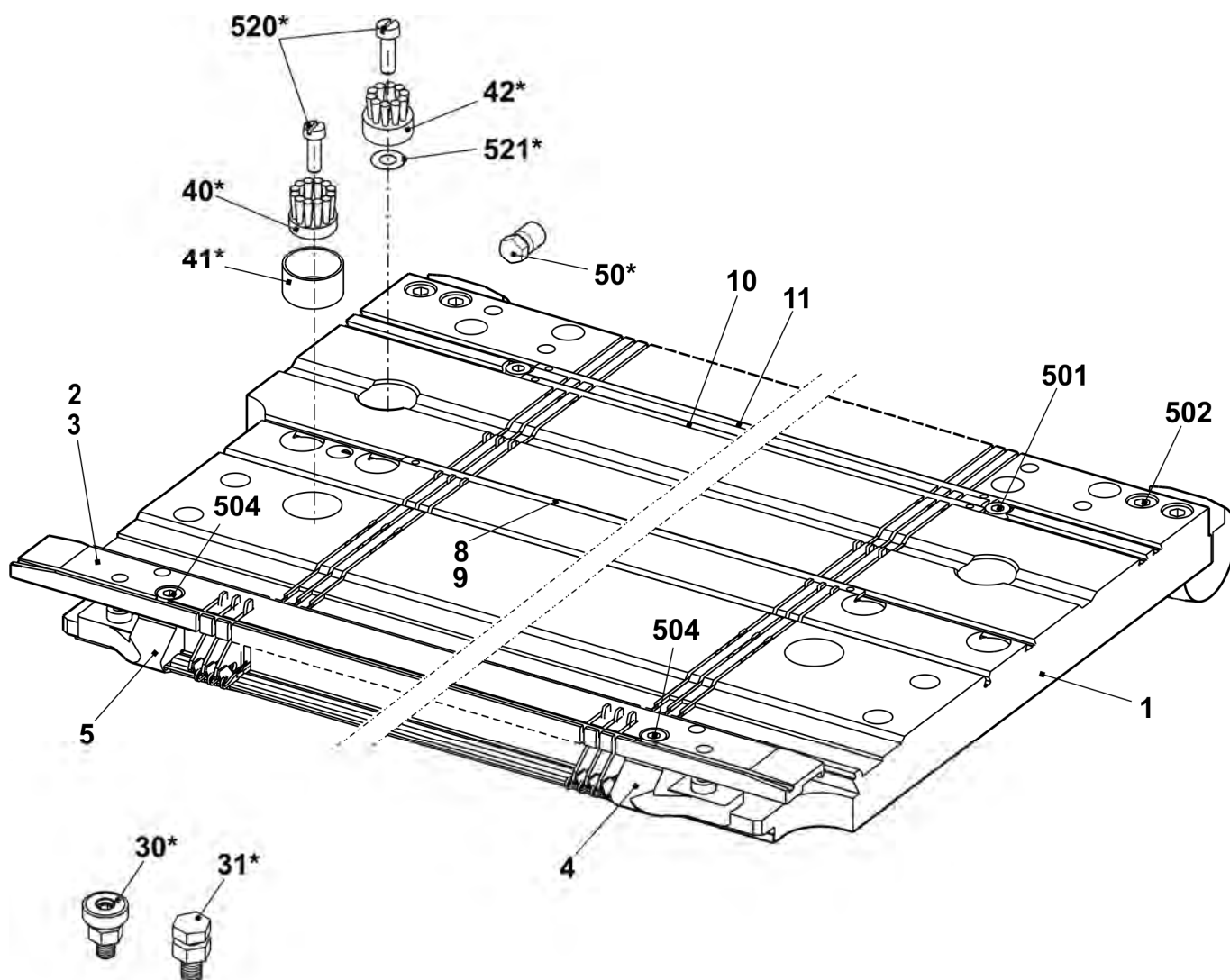
Needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8m.7	238 245	16	Needle rail on the left	205 311
2	Spring steel wire E7-8 Ø0.8	227 078	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E7 with round hook	205 397	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E8	207 054	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E8	205 028	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



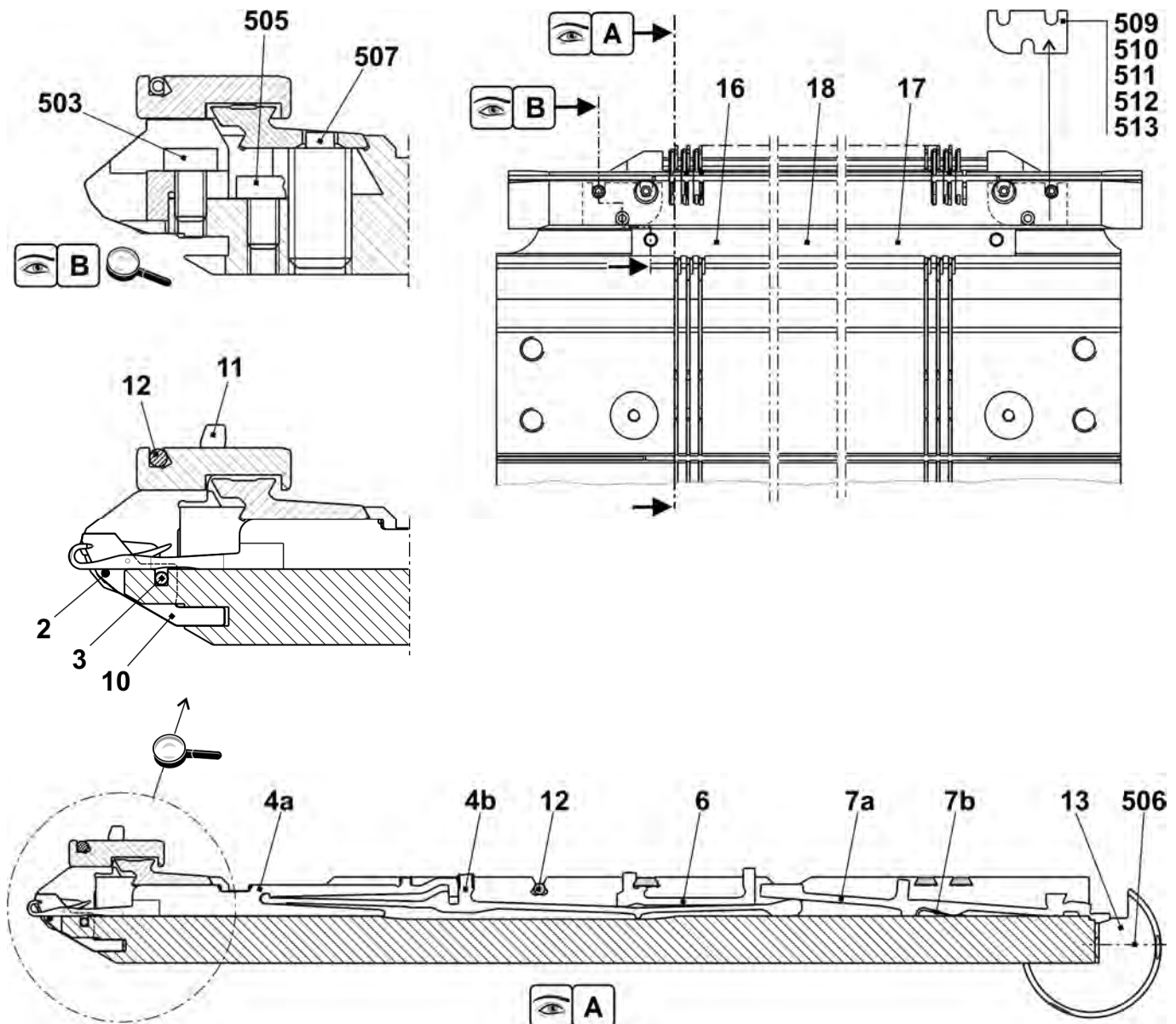
Continuation needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8m.7	238 245	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E8	238 007	502	Cap screw M6x25	020 137
2	Holding-down jack bed E8	238 029	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E8	238 023	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E8	238 015	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



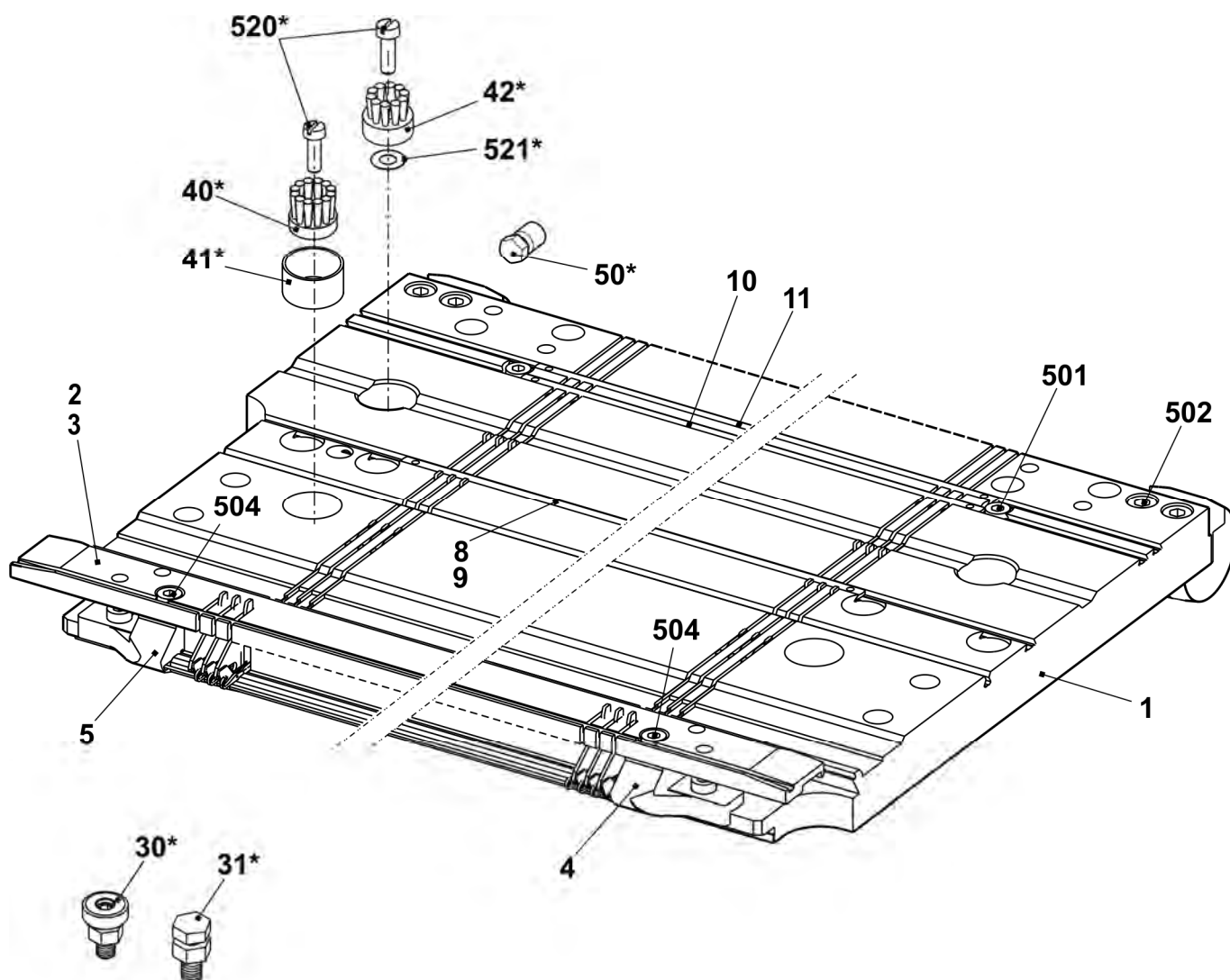
Needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10m.12	241 681	16	Needle rail on the left	205 311
2	Spring steel wire E10-14 Ø0.6	223 849	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E12	204 009	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E10-12	200 683	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
7a	Selector spring E10-12	200 691	507	Sprung thrust piece B-M10	023 177
7b	Selection jack E10-12	200 688	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E10	239 756	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack (trick wall) E10	239 815	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



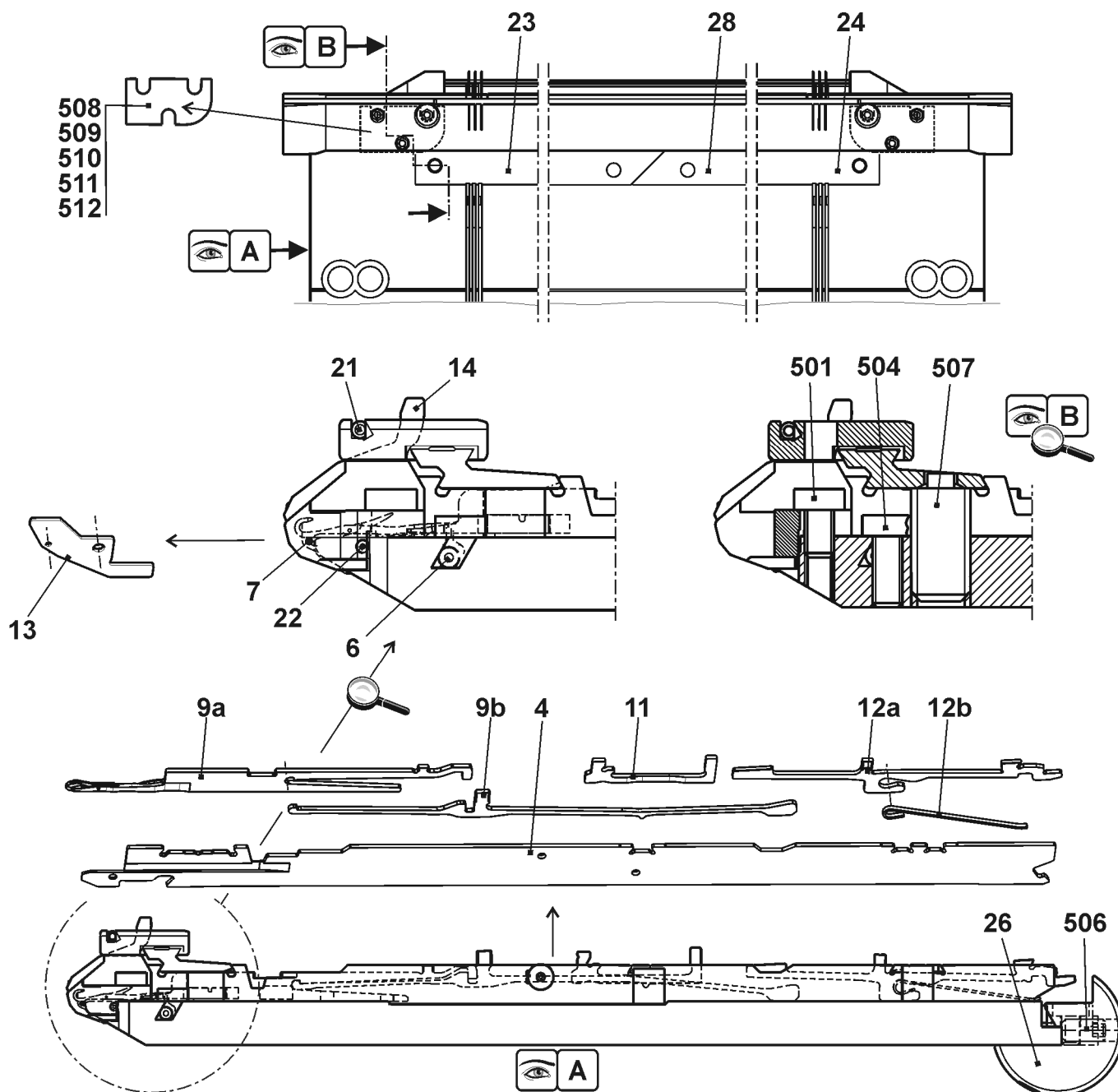
Continuation needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E10m.12	241 681	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E10	241 671	502	Cap screw M6x25	020 137
2	Holding-down jack bed E10	238 030	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E10	238 024	30*	Adjusting piece	206 375
4	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
5	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E5.2	237 506	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



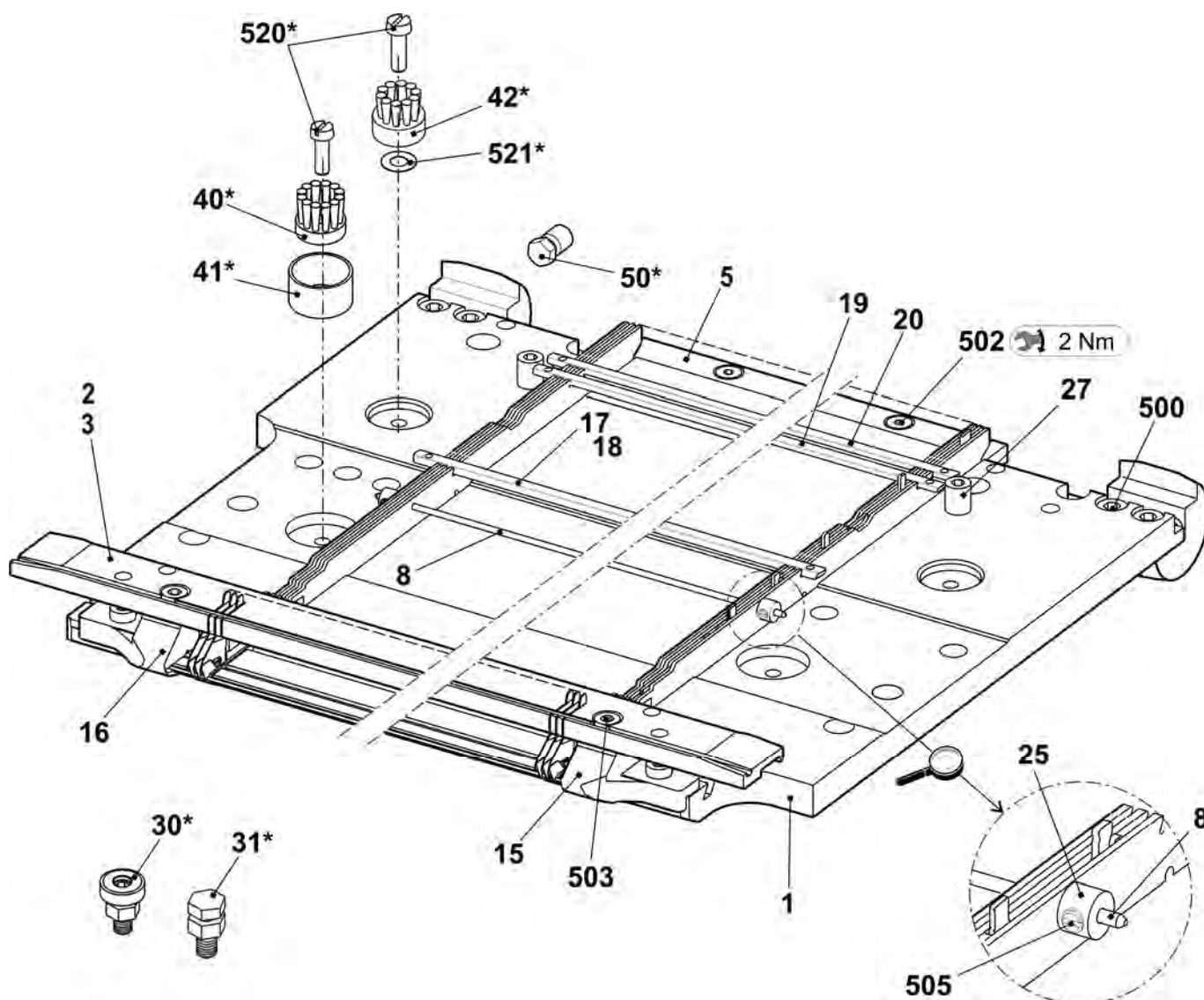
Needle bed E6.2(12m.10)

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E12m.10	238 247	23	Needle rail on the left	205 311
4	Main trick wall E12	205 355	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E10 with round hook	205 398	501	Cap screw M5x8	023 154
9b	Coupling part E10-12	200 683	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
12a	Selection jack E10-12	200 688	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E12	205 013	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall) E12	227 821	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



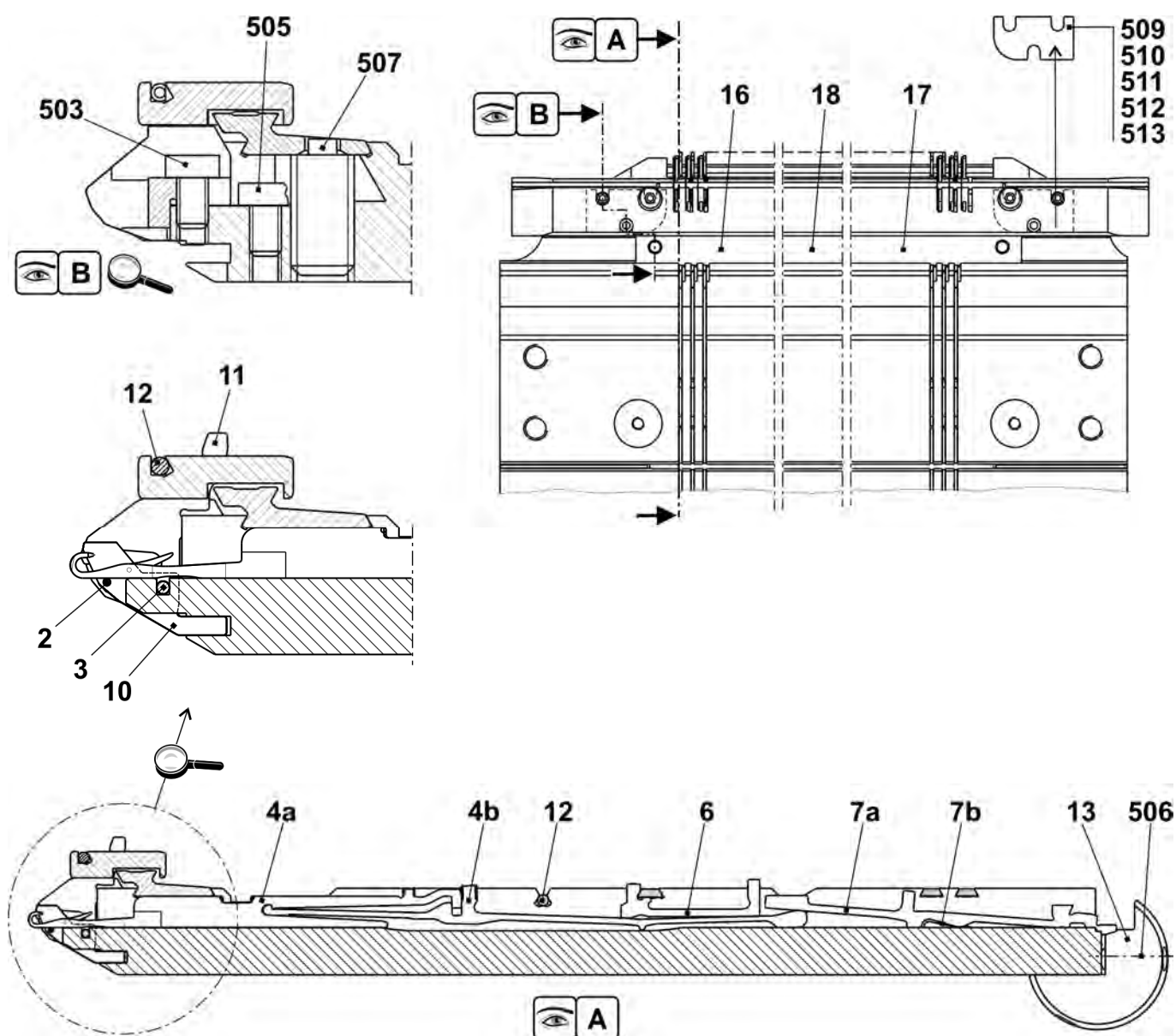
Continuation needle bed E6.2(12m.10)

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E12m.10	238 247	27	Stop screw	214 039
1	Needle bed at the front and rear E6.2	237 485	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E12	238 025	502	Cap screw M5x8	023 379
3	Holding-down jack bed E12	238 031	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E6.2	237 507	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



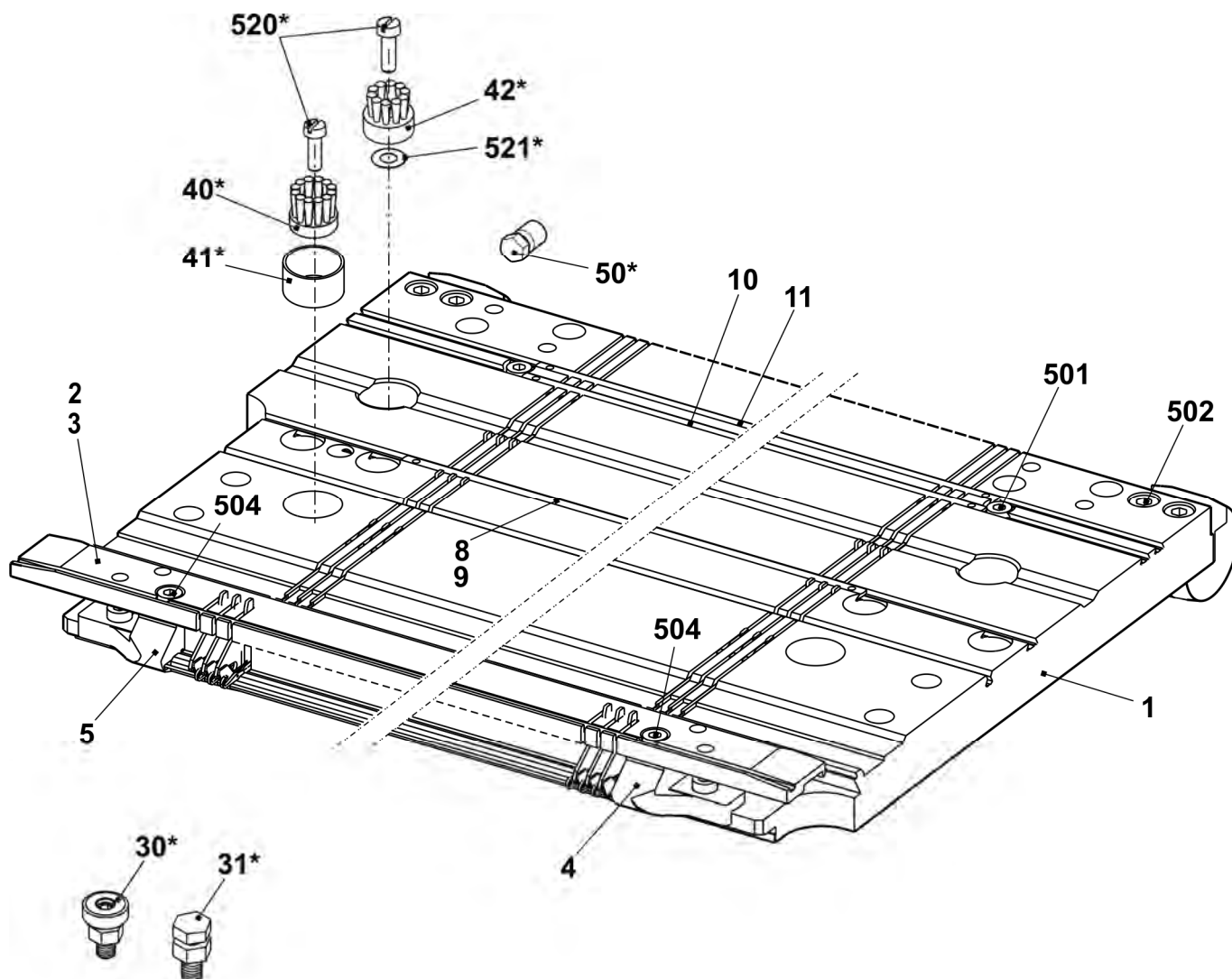
Needle bed E2,5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E2,5.2	238 220	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E2,5.2-3.5.2	232 581	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E5	204 996	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E5	205 031	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



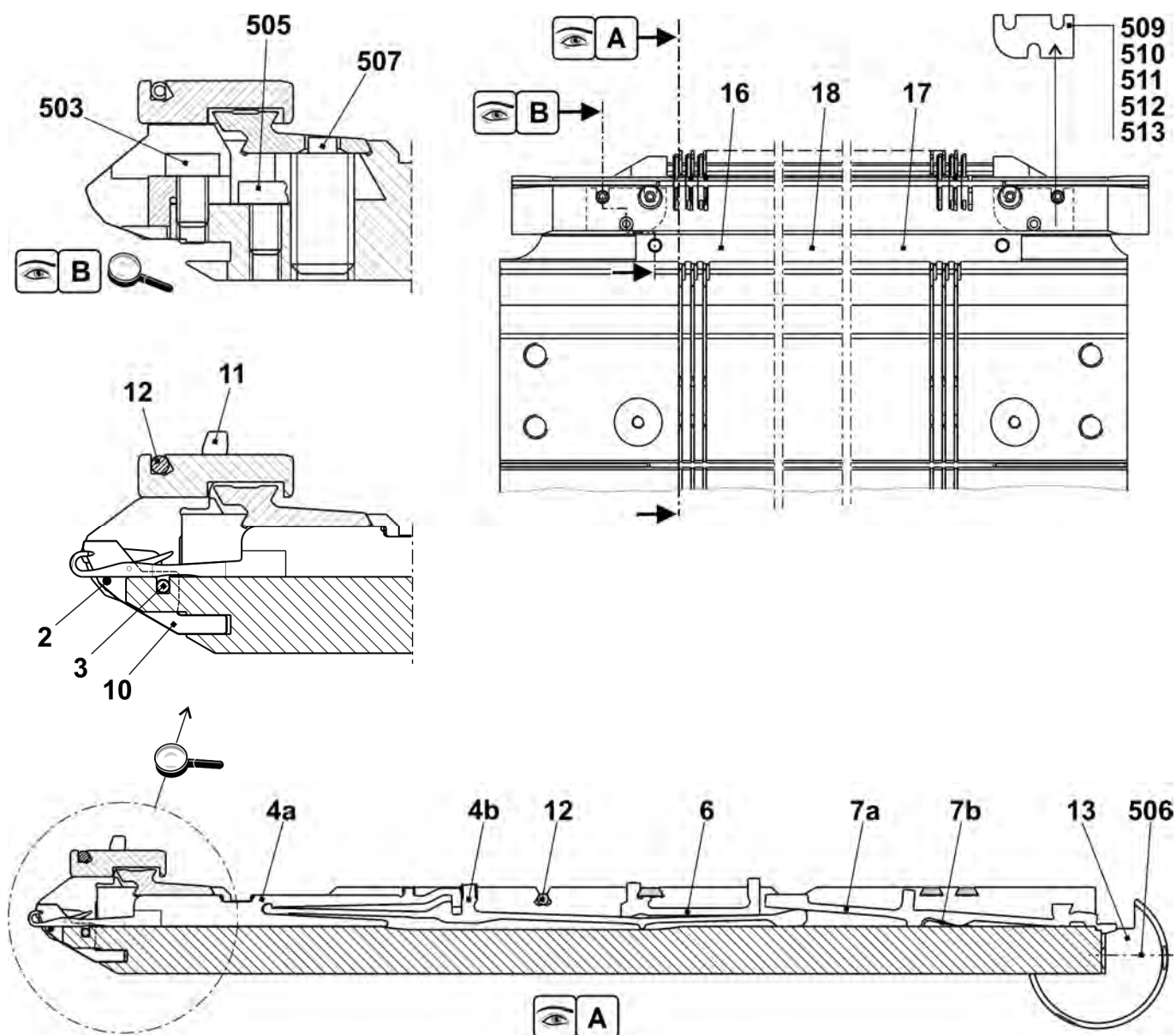
Continuation needle bed E2,5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E2,5.2	238 220	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E5	238 005	502	Cap screw M6x25	020 137
2	Holding-down jack bed at the rear E2,5.2 KW	237 497	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E2,5.2 KW	237 489	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front	237 377	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



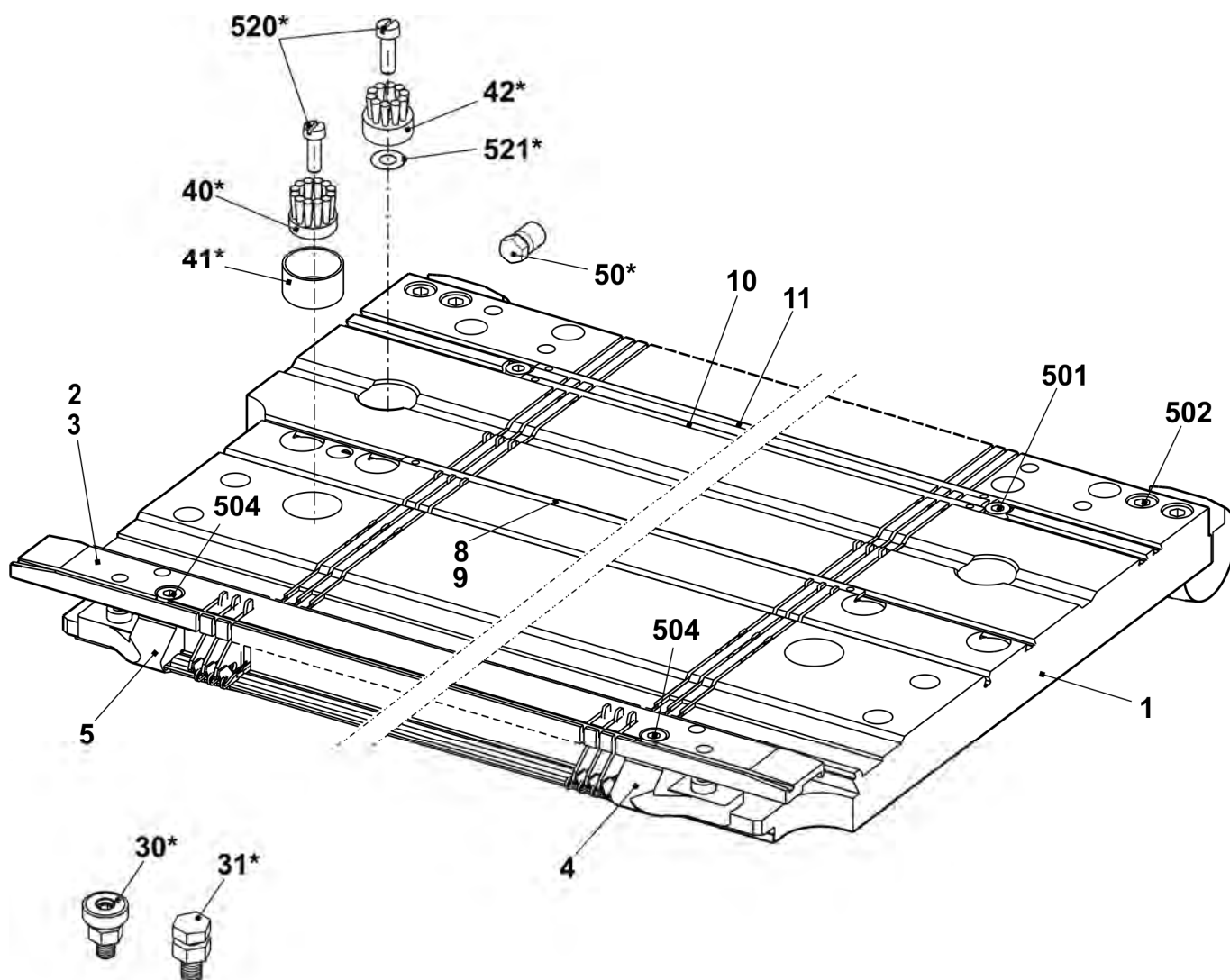
Needle bed E3,5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E3,5.2	238 221	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E2,5.2-3.5.2	232 581	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E3,5.2	229 034	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack breast	229 032	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



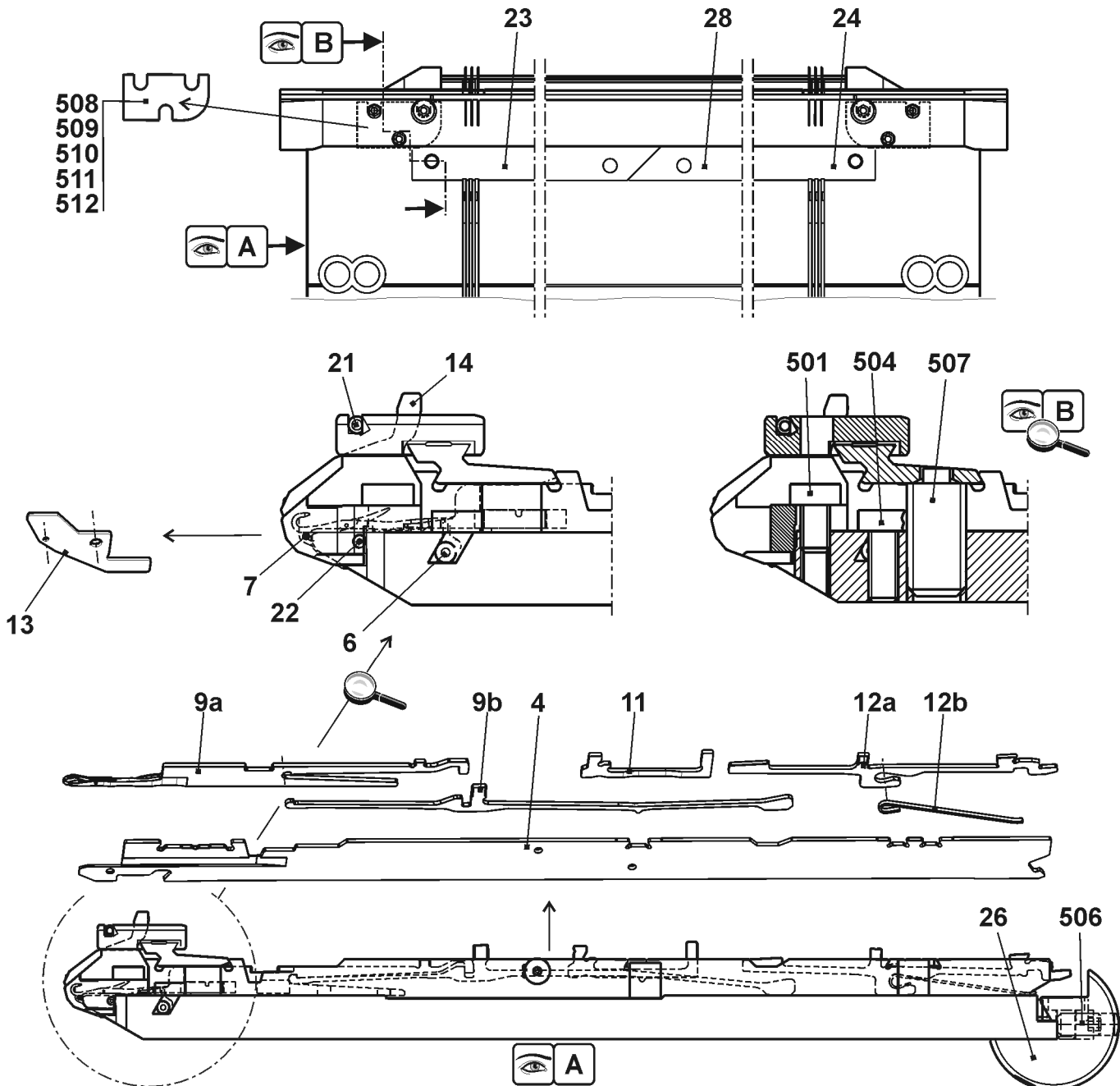
Continuation needle bed E3,5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E3,5.2	238 221	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E7	238 006	502	Cap screw M6x25	020 137
2	Holding-down jack bed E3,5.2	237 498	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E3,5.2	237 490	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E3,5.2	238 018	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



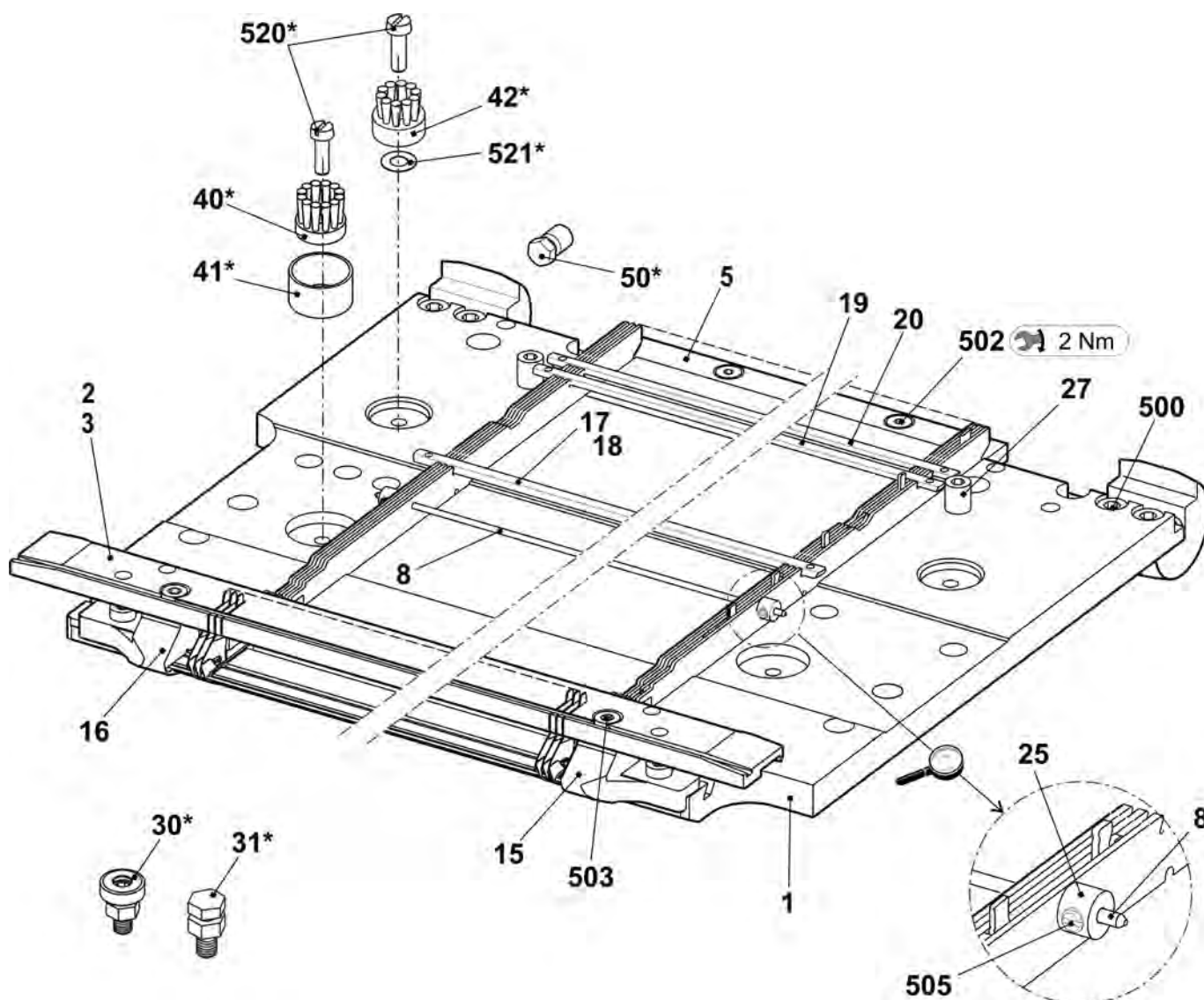
Needle bed E5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5.2	237 513	23	Needle rail on the left	205 311
4	Main trick wall E5.2	219 171	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E4-5 Ø1.0	237 406	28	Needle rail in the middle	237 387
9a	Needle E5.2 vosa special 110.118	219 181	501	Cap screw M5x8	023 154
9b	Coupling part E5.2	219 188	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E5.2	236 030	506	Set screw M6x12-45	022 400
12a	Selection jack E5.2	219 214	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E5.2	219 265	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E5.2	221 367	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack breast E5.2	229 832	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



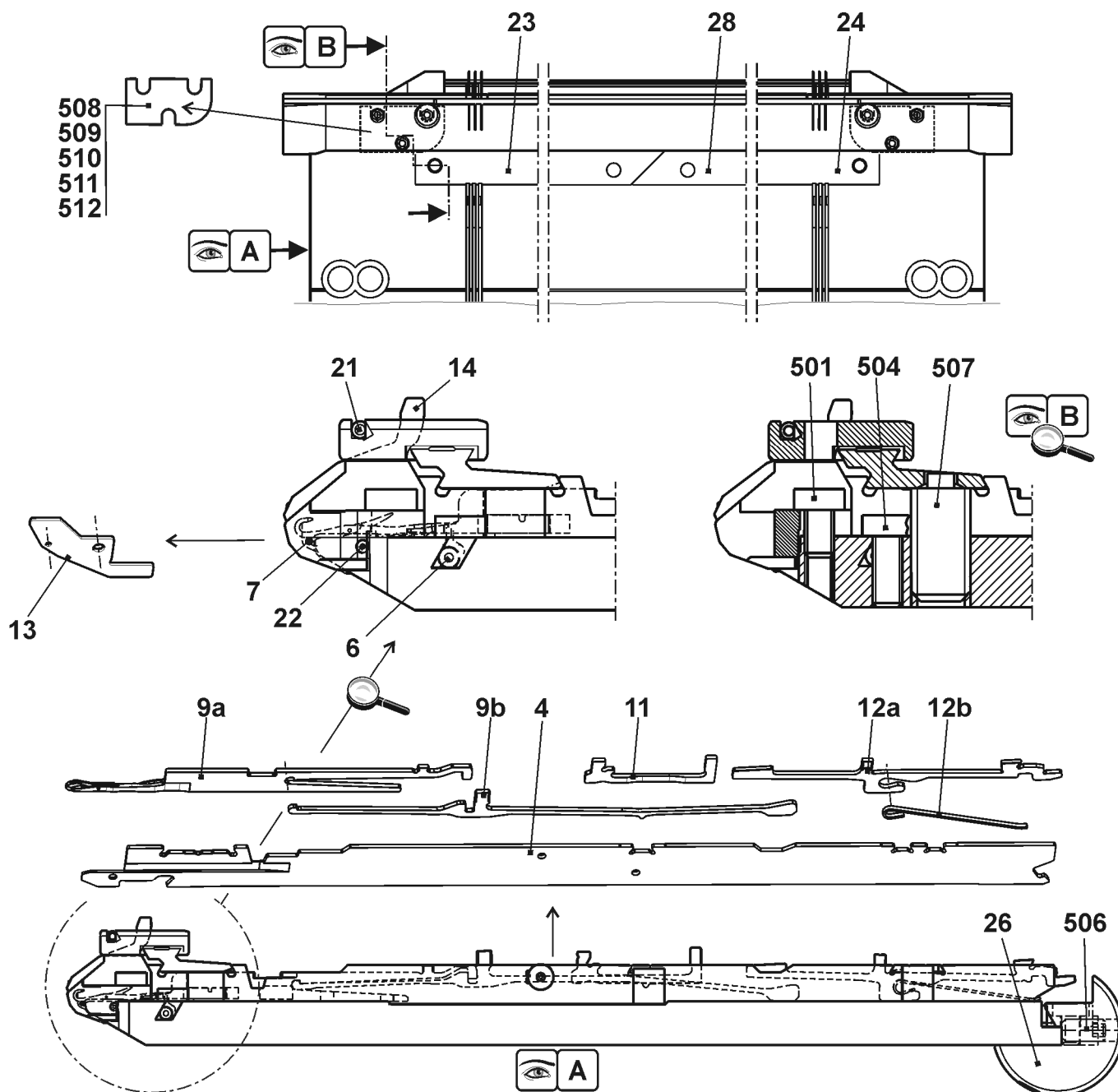
Continuation needle bed E5.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5.2	237 513	27	Stop screw	214 039
1	Needle bed at the front + rear E5.2	237 484	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E5.2	237 491	502	Cap screw M5x8	023 379
3	Holding-down jack bed E5.2	237 499	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
16	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E5.2	237 506	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



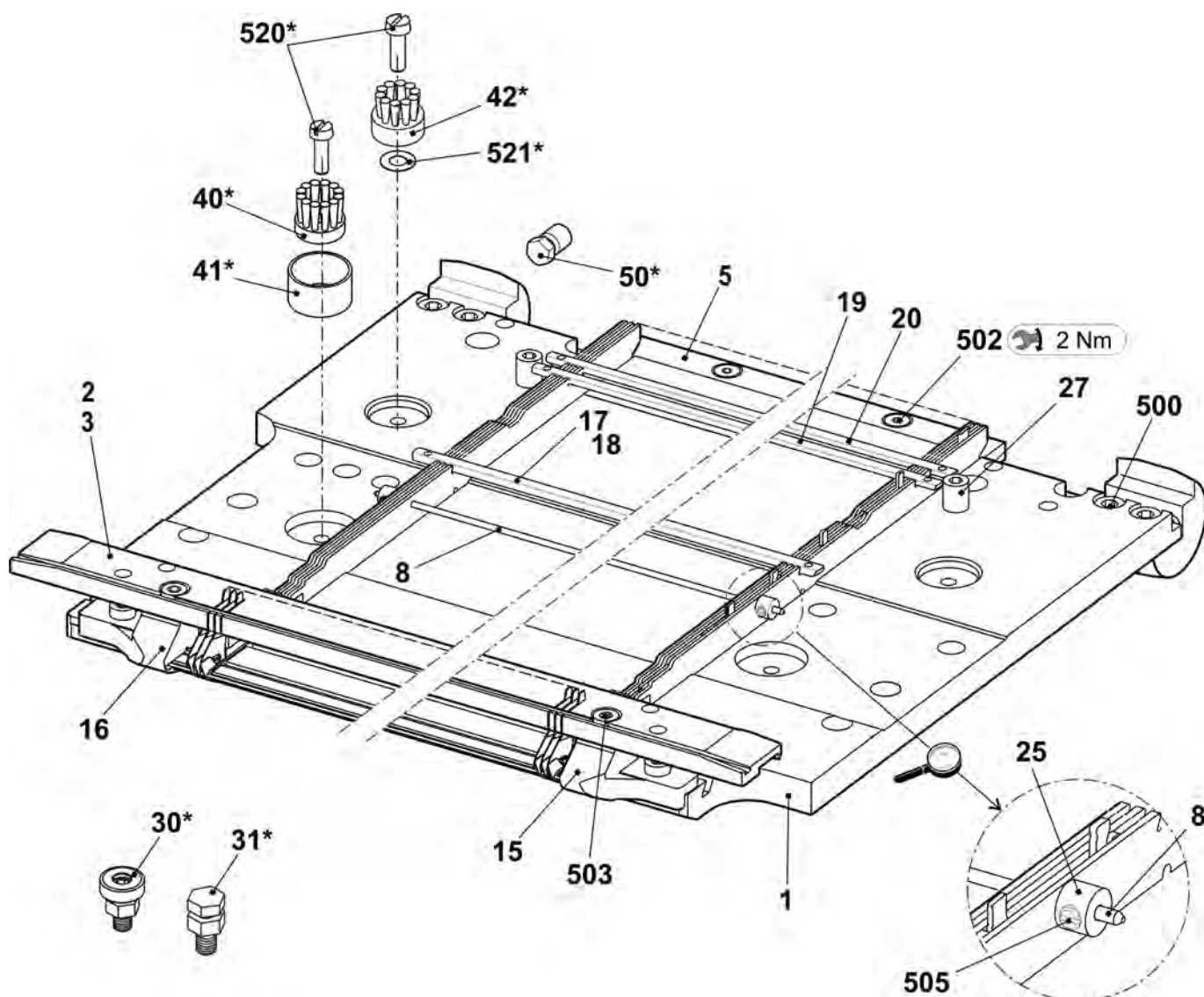
Needle bed E6.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2	237 514	23	Needle rail on the left	205 311
4	Main trick wall E12	205 355	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E6.2	207 349	501	Cap screw M5x8	023 154
9b	Coupling part E10-12	200 683	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
12a	Selection jack E10-12	200 688	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E6.2	237 863	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E6.2	237 852	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



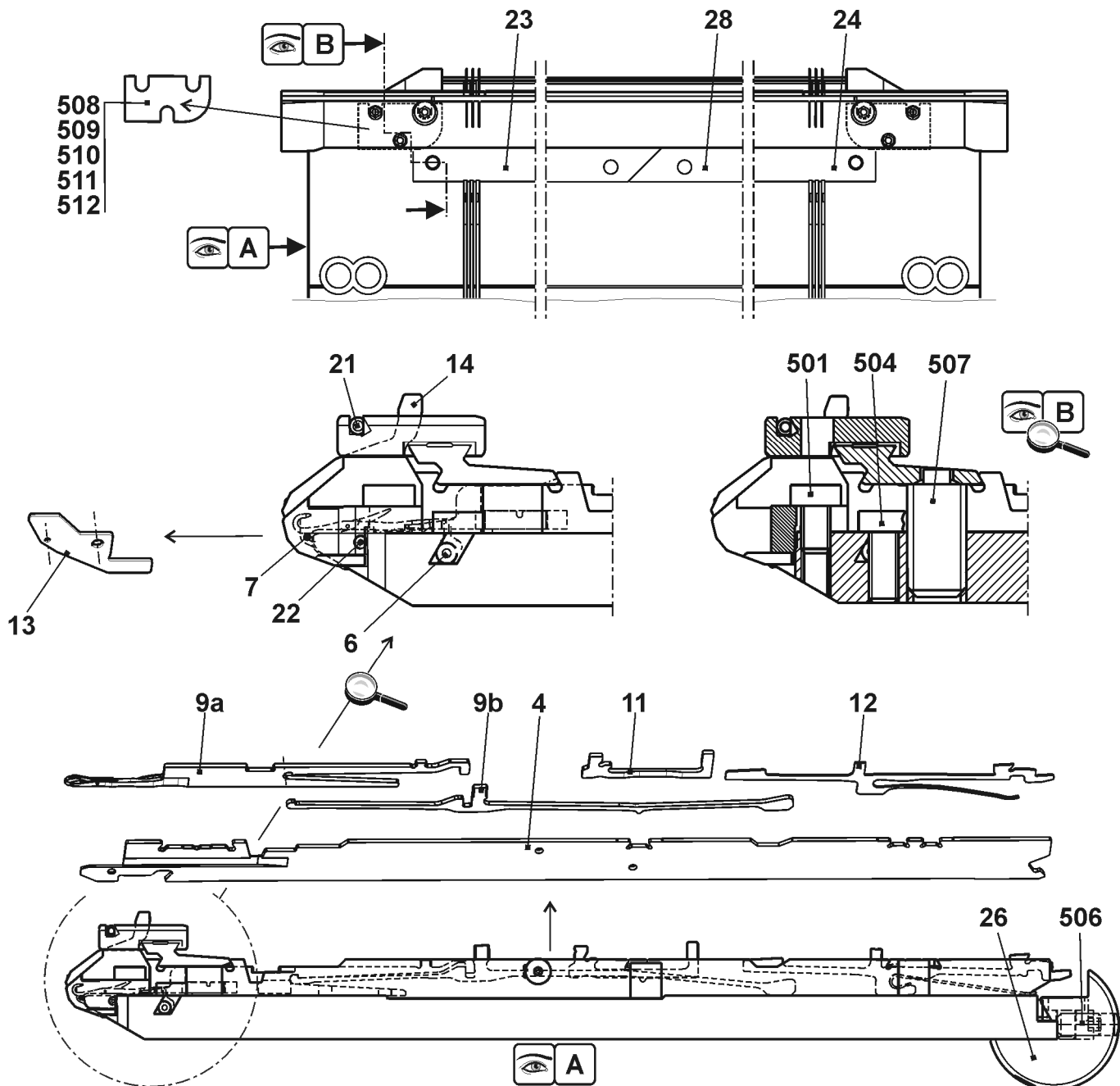
Continuation needle bed E6.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2	237 514	27	Stop screw	214 039
1	Needle bed at the front and rear E6.2	237 485	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E6.2	237 492	502	Cap screw M5x8	023 379
3	Holding-down jack bed E6.2	237 500	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E6.2	237 507	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



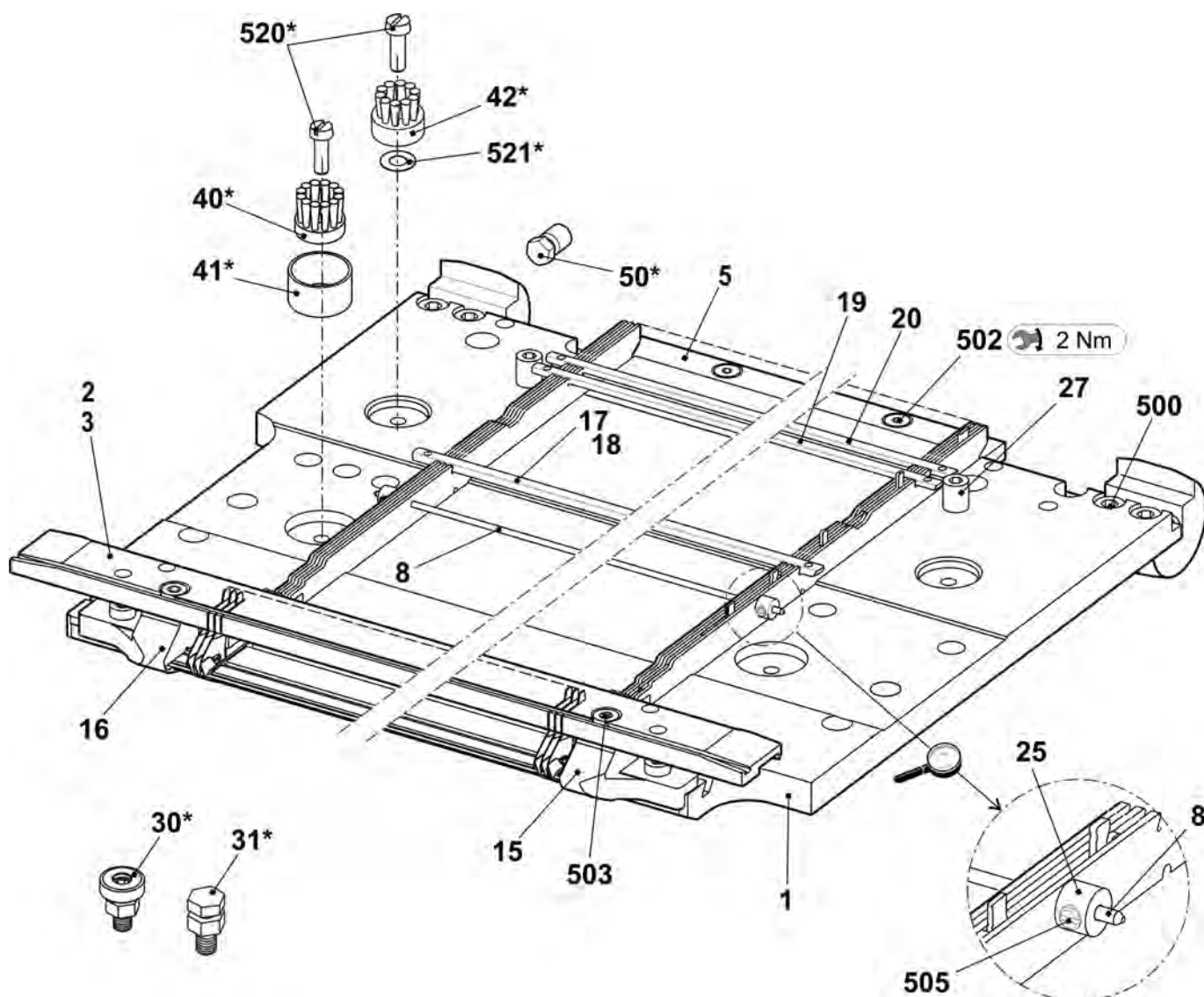
Needle bed E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7.2	237 515	23	Needle rail on the left	205 311
4	Main trick wall E14	209 574	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E7.2 vosa special 112.70-62	225 230	501	Cap screw M5x8	023 154
9b	Coupling part E14	209 633	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E14	237 373	506	Set screw M6x12-45	022 400
12	Selection jack E14 with spring	224 725	507	Sprung thrust piece B-M10	023 177
---	----	---	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E7.2	234 903	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E7.2	236 954	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



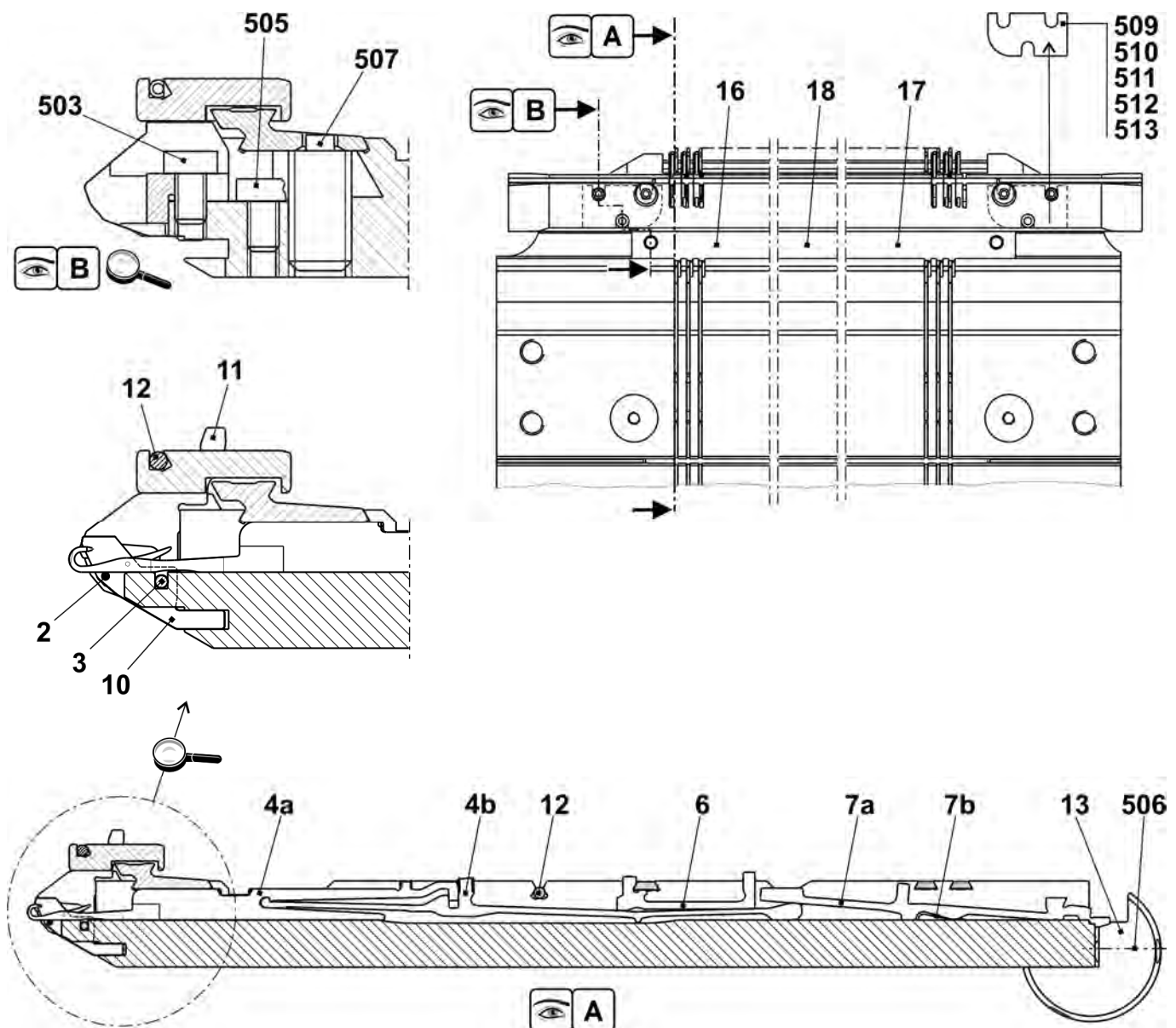
Continuation needle bed E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7.2	237 515	27	Stop screw	214 039
1	Needle bed at the front + rear E7.2	237 486	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E7.2	237 493	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E7.2	237 501	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E7.2	237 508	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



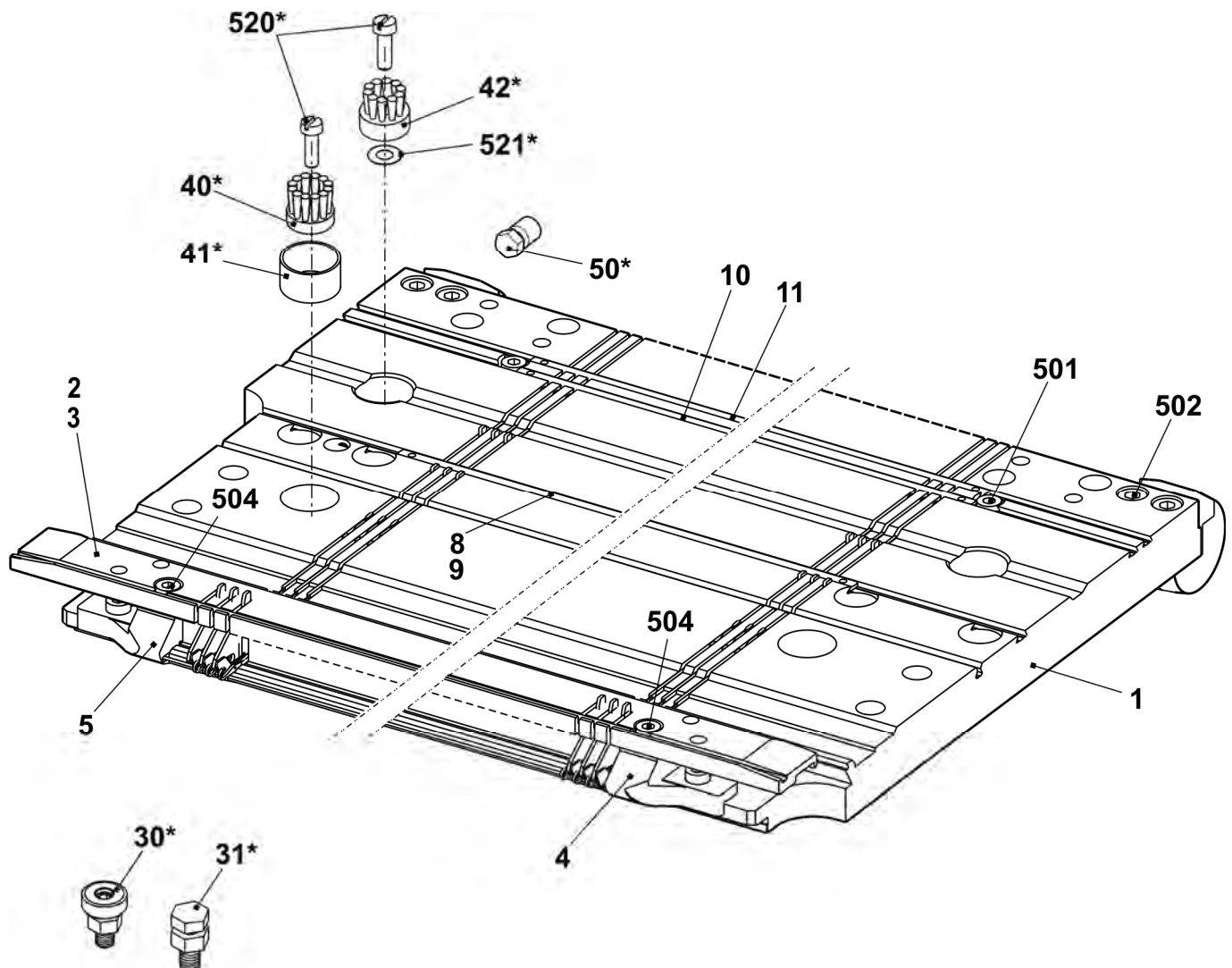
Needle bed E2,5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E2,5.2	239 227	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E2,5.2-3.5.2	232 581	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E5	204 996	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E5	205 031	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



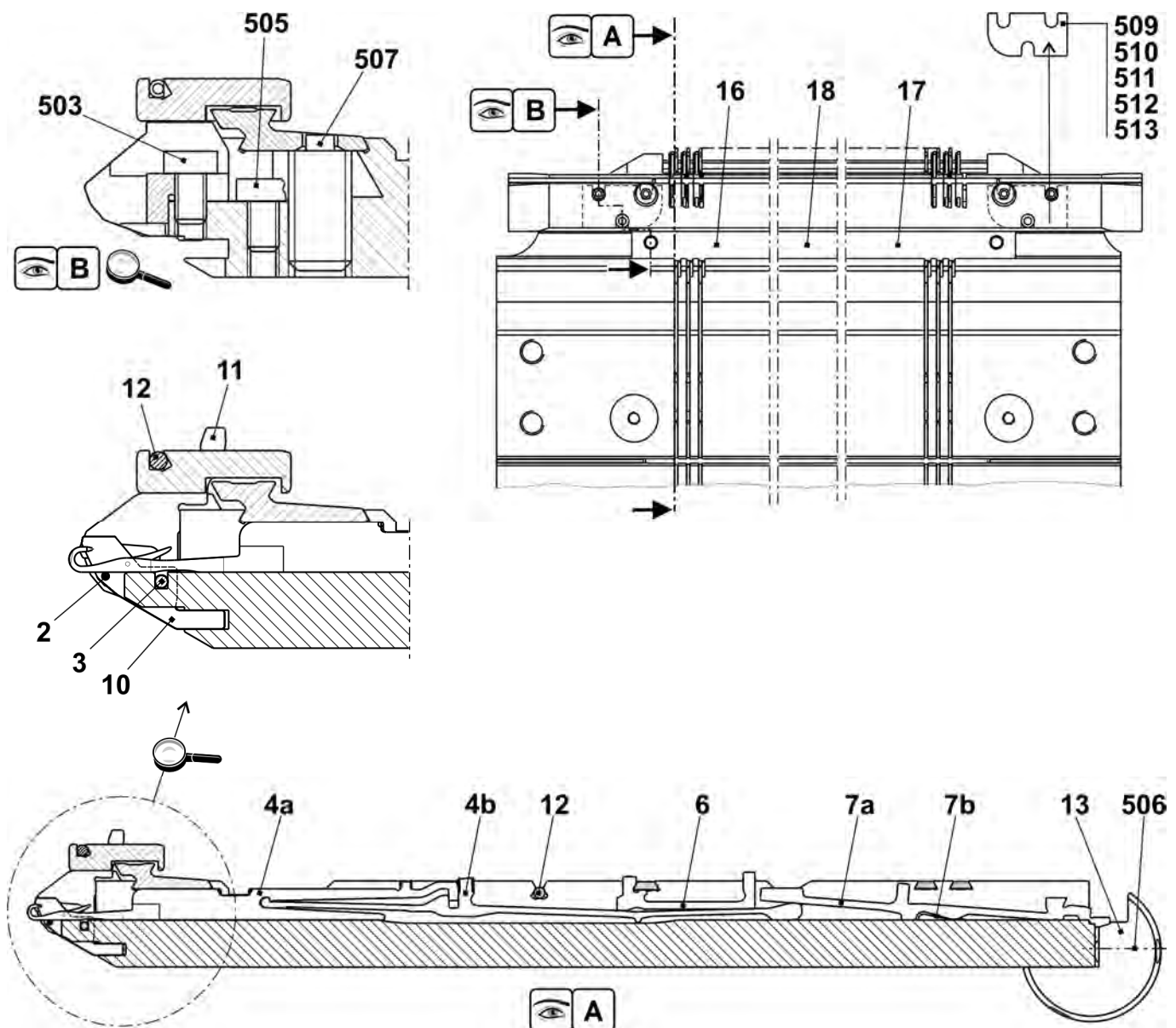
Continuation needle bed E2,5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E2,5.2	239 227	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E5	238 005	502	Cap screw M6x25	020 137
2	Holding-down jack bed at the rear E2,5.2 mg	240 012	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E2,5.2 mg	240 011	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E5	237 377	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



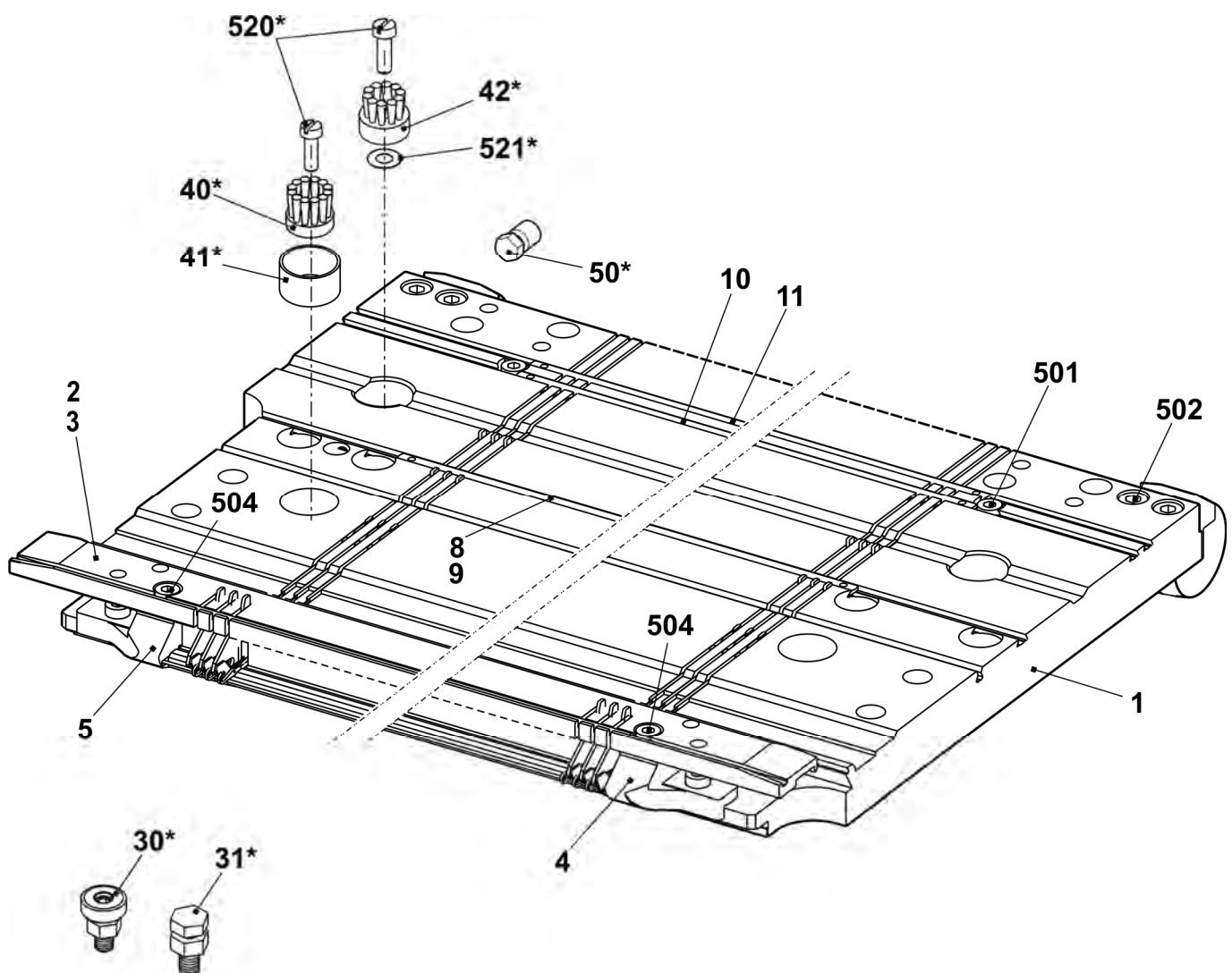
Needle bed E3,5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E3,5.2	239 228	16	Needle rail on the left	205 311
2	Spring steel wire E4-5 Ø1.0	237 406	17	Needle rail on the right	205 312
3	Spring steel wire Ø2.0	223 854	18	Needle rail in the middle	237 387
4a	Needle E2,5.2-3.5.2	232 581	503	Cap screw M5x8-8.8	023 154
4b	Coupling part E4-8	200 682	505	Cap screw M5x8	023 379
6	Intermediate slider with brake E5-8	237 323	506	Set screw M6x12-45	022 400
7a	Coupling part E4-8	200 687	507	Sprung thrust piece B-M10	023 177
7b	Selector spring E4-8	200 690	509	Shim 0.02x18.5x34	023 194
10	Knock-over bit E7	207 055	510	Shim 0.03x18.5x34	023 195
11	Holding-down jack E7	205 032	511	Shim 0.05x18.5x34	023 196
12	Spring steel wire Ø2.8	223 862	512	Shim 0.1x18.5x34	023 197
13	Support	206 352	513	Shim 0.2x18.5x34	023 253



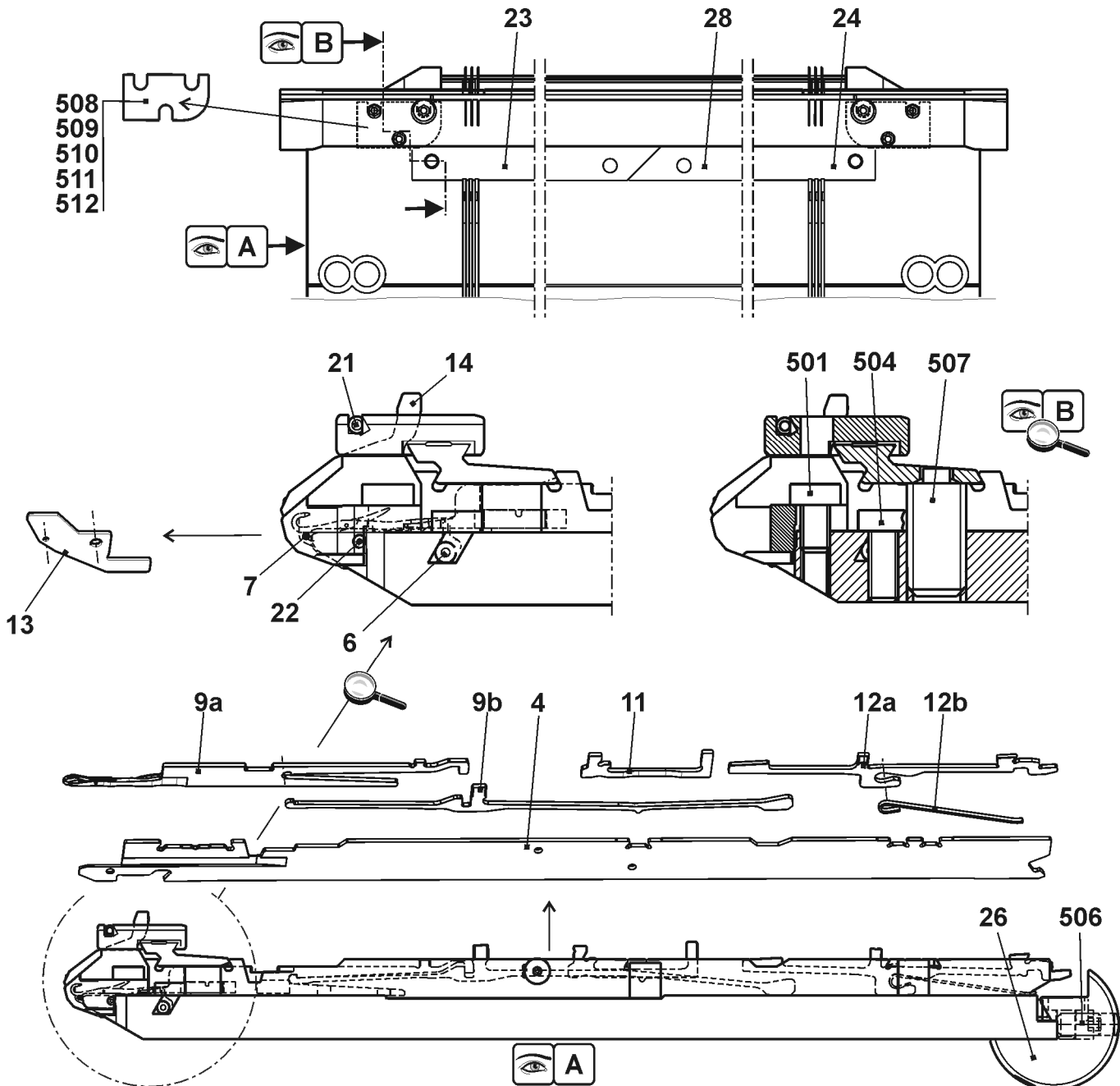
Continuation needle bed E3,5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E3,5.2	239 228	501	Cap screw M5x10	022 918
1	Needle bed at the front + rear E7	238 006	502	Cap screw M6x25	020 137
2	Holding-down jack bed E3,5.2	237 498	504	Cap screw M5x22	023 193
3	Holding-down jack bed at the front E3,5.2	237 490	30*	Adjusting piece	206 375
4	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
5	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
8	Cover rail at the rear	237 379	41*	Container plate brush	233 012
9	Cover rail at the front E3,5.2	238 018	42*	Plate brush	235 612
10	Cover rail	237 382	520*	Cap screw M5x12	020 032
11	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540



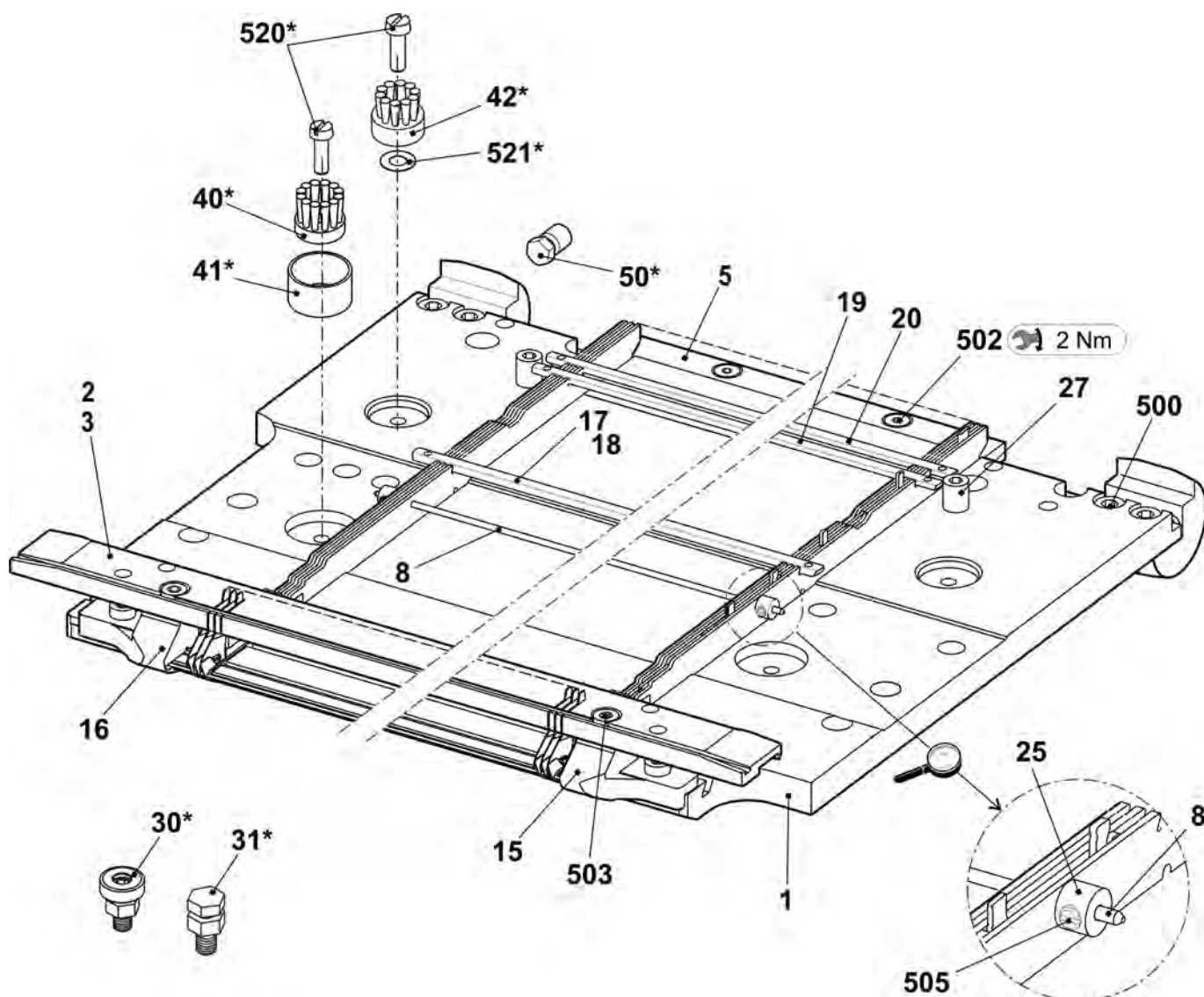
Needle bed E5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5.2 mg	240 013	23	Needle rail on the left	205 311
4	Main trick wall E5.2	219 171	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E4-5 Ø1.0	237 406	28	Needle rail in the middle	237 387
9a	Needle E5.2 vosa special 110.118	219 181	501	Cap screw M5x8	023 154
9b	Coupling part E5.2	219 188	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E5.2	236 030	506	Set screw M6x12-45	022 400
12a	Selection jack E5.2	219 214	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E5.2	219 265	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E5.2	221 367	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall)	227 716	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



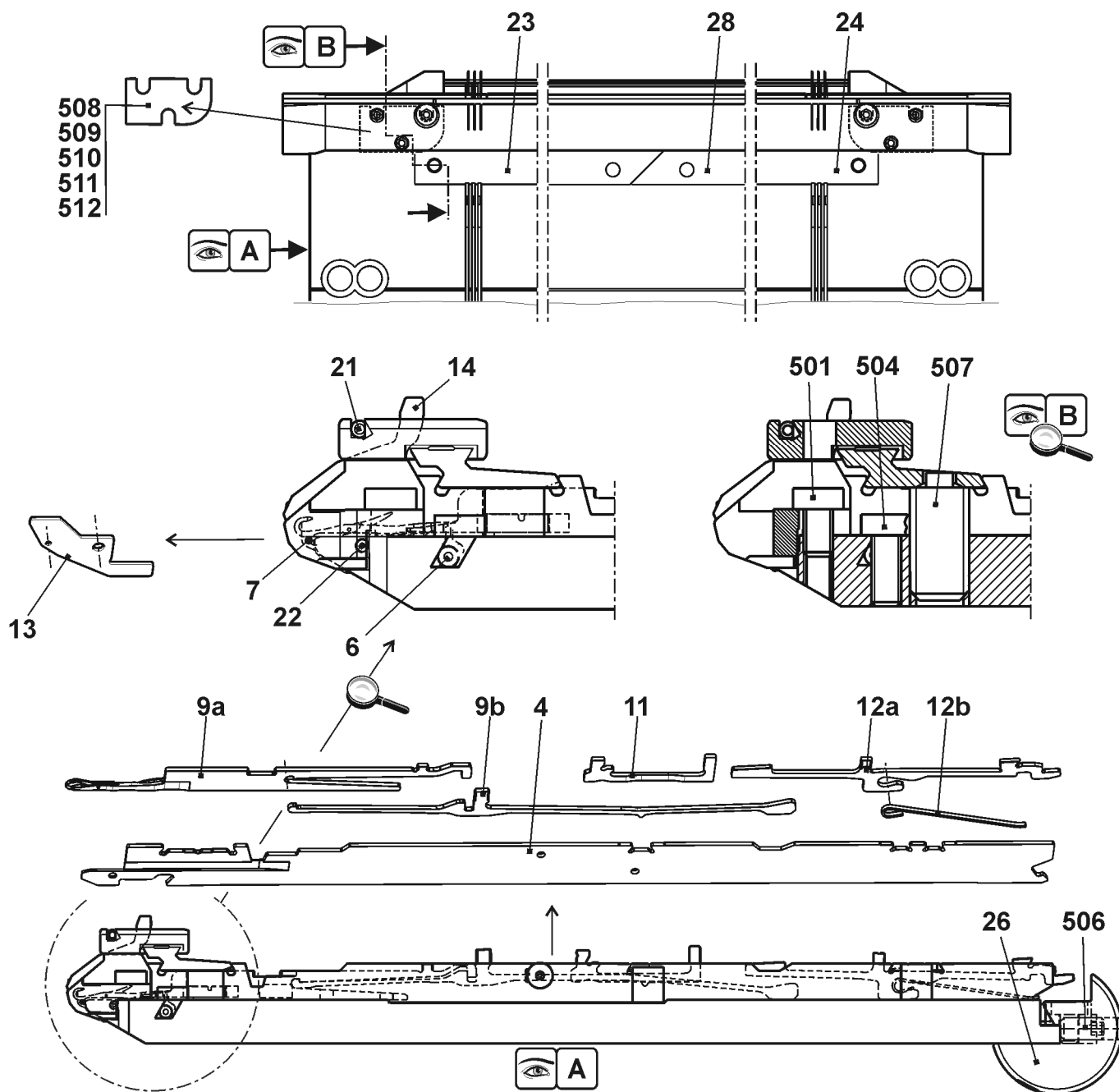
Continuation needle bed E5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E5.2	240 013	27	Stop screw	214 039
1	Needle bed at the front + rear E5.2	237 484	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E5.2	237 491	502	Cap screw M5x8	023 379
3	Holding-down jack bed E5.2	237 499	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E4-8	205 343	31*	Set screw complete	207 712
16	Limiter on the right E4-8	205 344	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E5.2	237 506	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



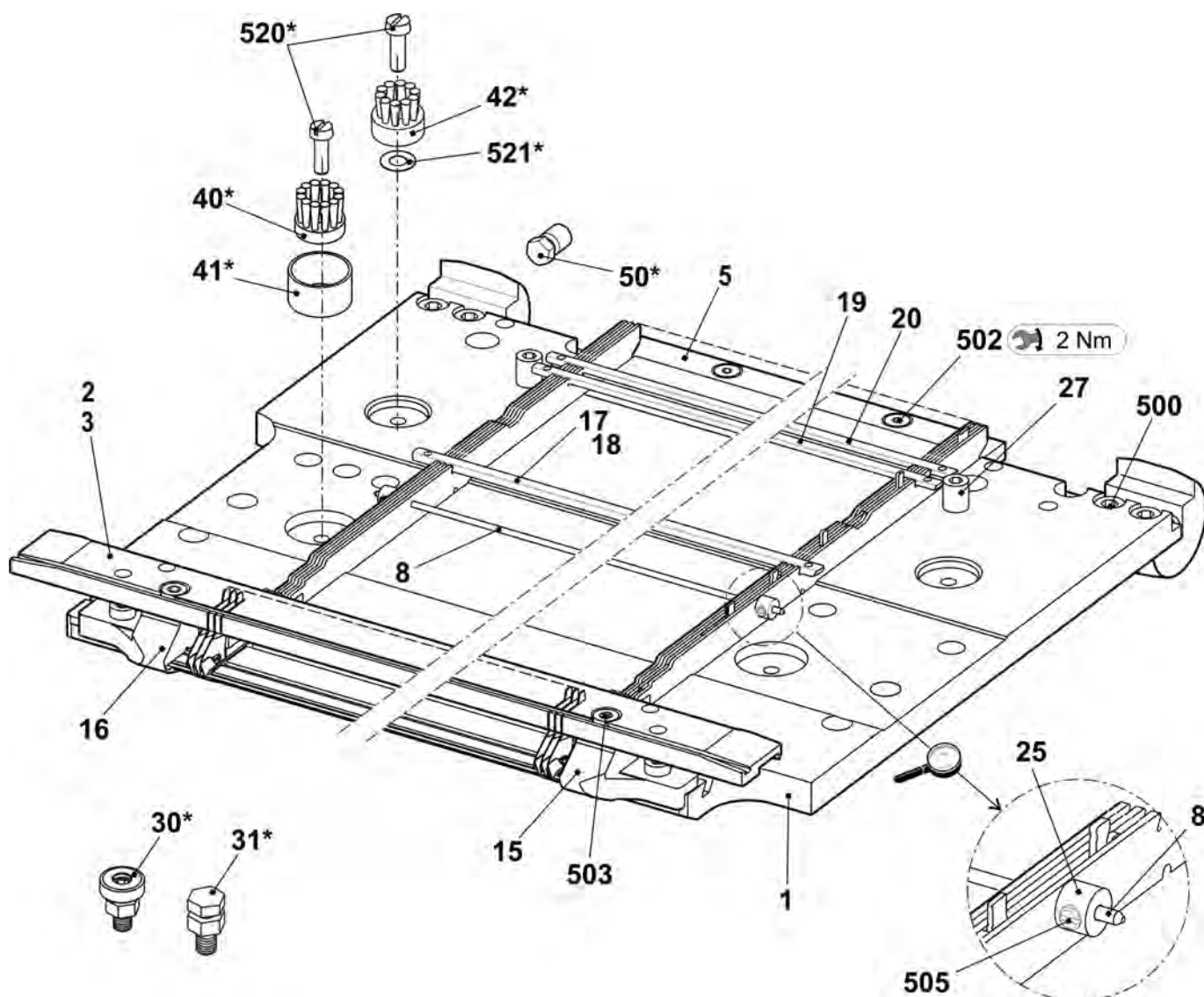
Needle bed E6.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2	240 014	23	Needle rail on the left	205 311
4	Main trick wall E12	205 355	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E6.2	207 349	501	Cap screw M5x8	023 154
9b	Coupling part E10-12	200 683	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
12a	Selection jack E10-12	200 688	507	Sprung thrust piece B-M10	023 177
12b	Selector spring E10-12	200 691	508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E12	205 013	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall) E12	227 821	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



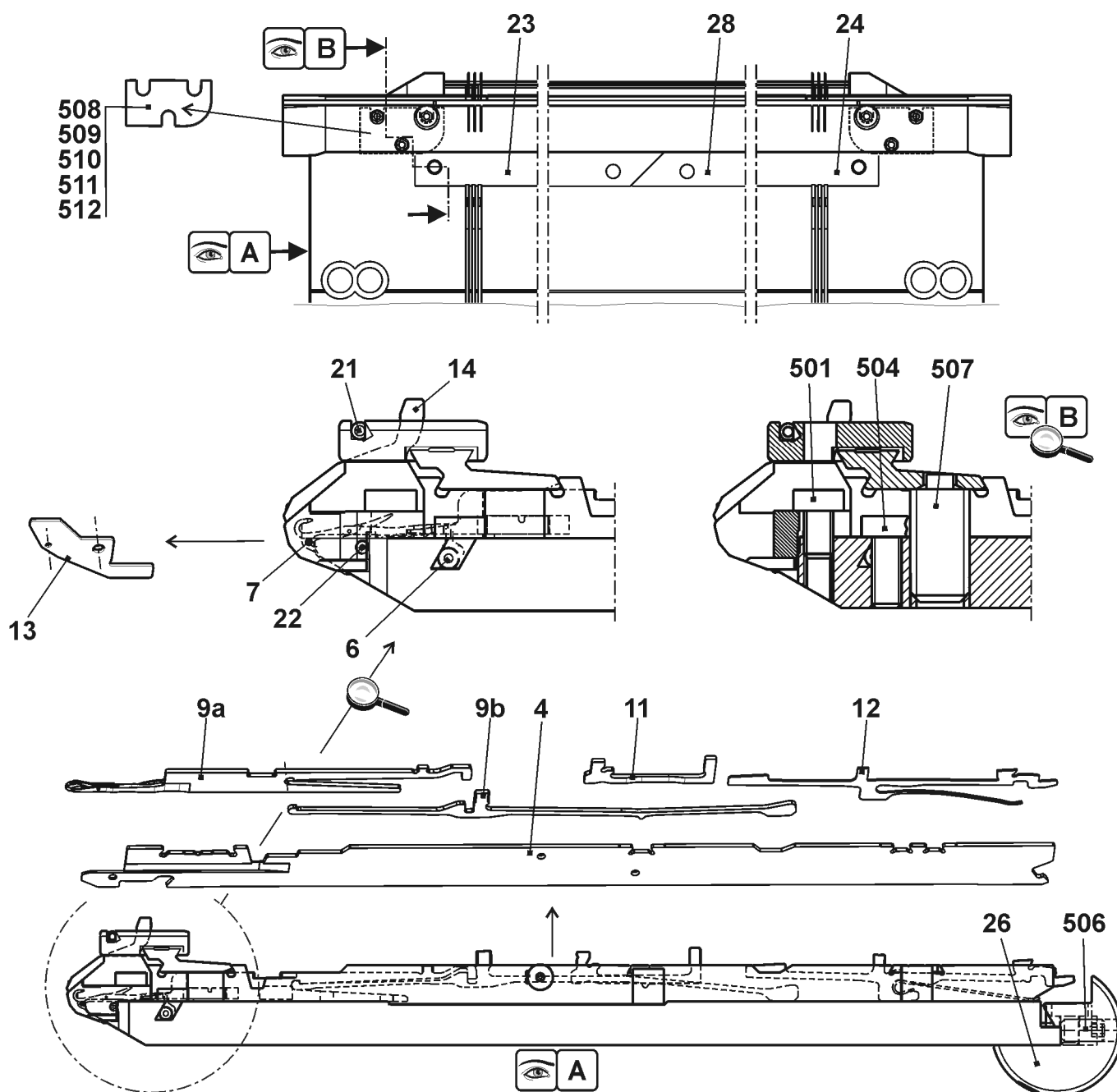
Continuation needle bed E6.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E6.2	240 014	27	Stop screw	214 039
1	Needle bed at the front and rear E6.2	237 485	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E6.2	237 492	502	Cap screw M5x8	023 379
3	Holding-down jack bed E6.2	237 500	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E6.2	237 507	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



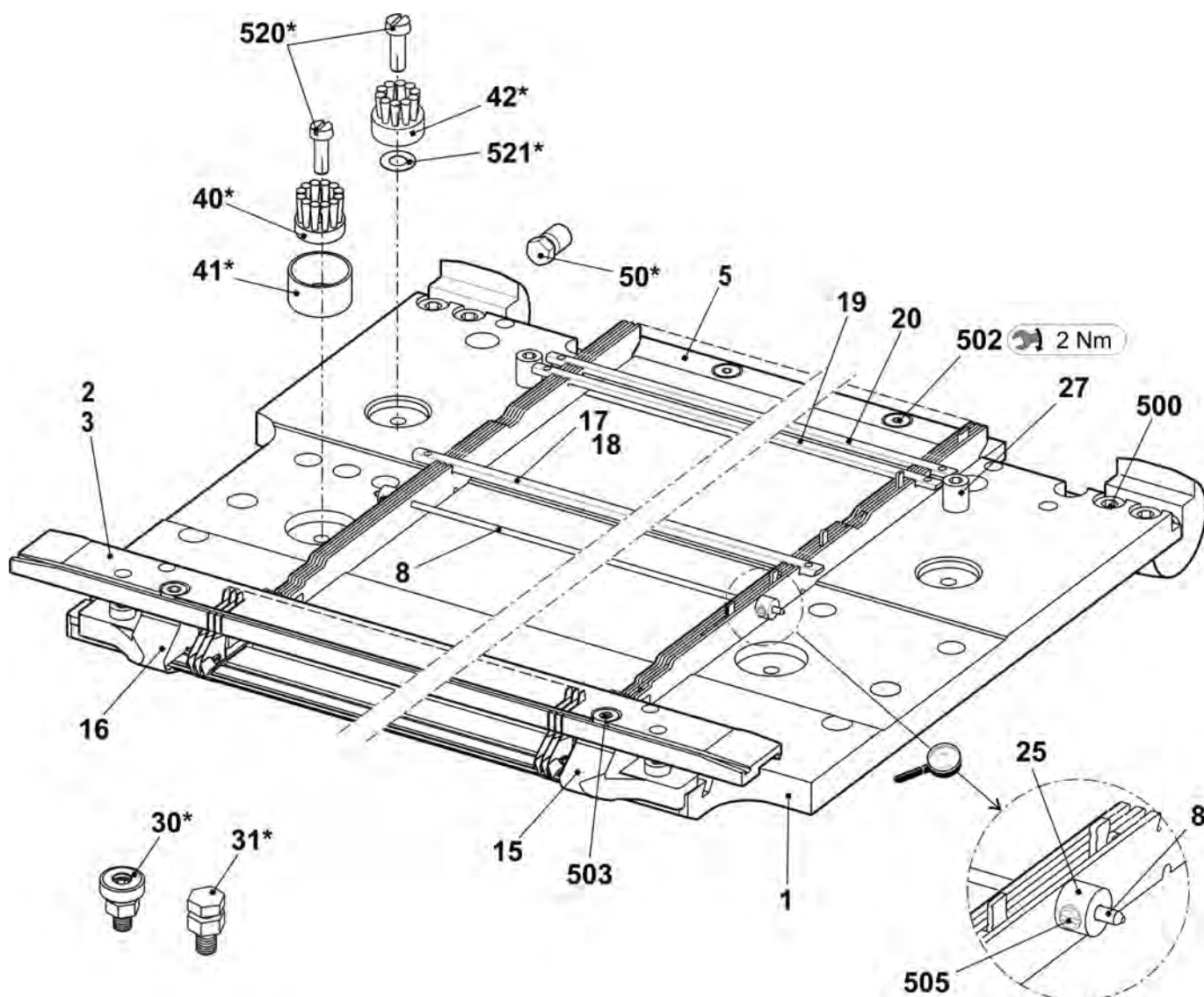
Needle bed E7.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front + rear E7.2	240 015	23	Needle rail on the left	205 311
4	Main trick wall E14	209 574	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire E10-14 Ø0.6	223 849	28	Needle rail in the middle	237 387
9a	Needle E7.2 vosa special 112.70-62	225 230	501	Cap screw M5x8	023 154
9b	Coupling part E14	209 633	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E10	237 324	506	Set screw M6x12-45	022 400
12	Selection jack E14 with spring	237 373	507	Sprung thrust piece B-M10	023 177
			508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E14	209 649	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack (trick wall) E14	235 262	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8	223 862	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95	223 852	512	Shim 0.2x18.5x34	023 253



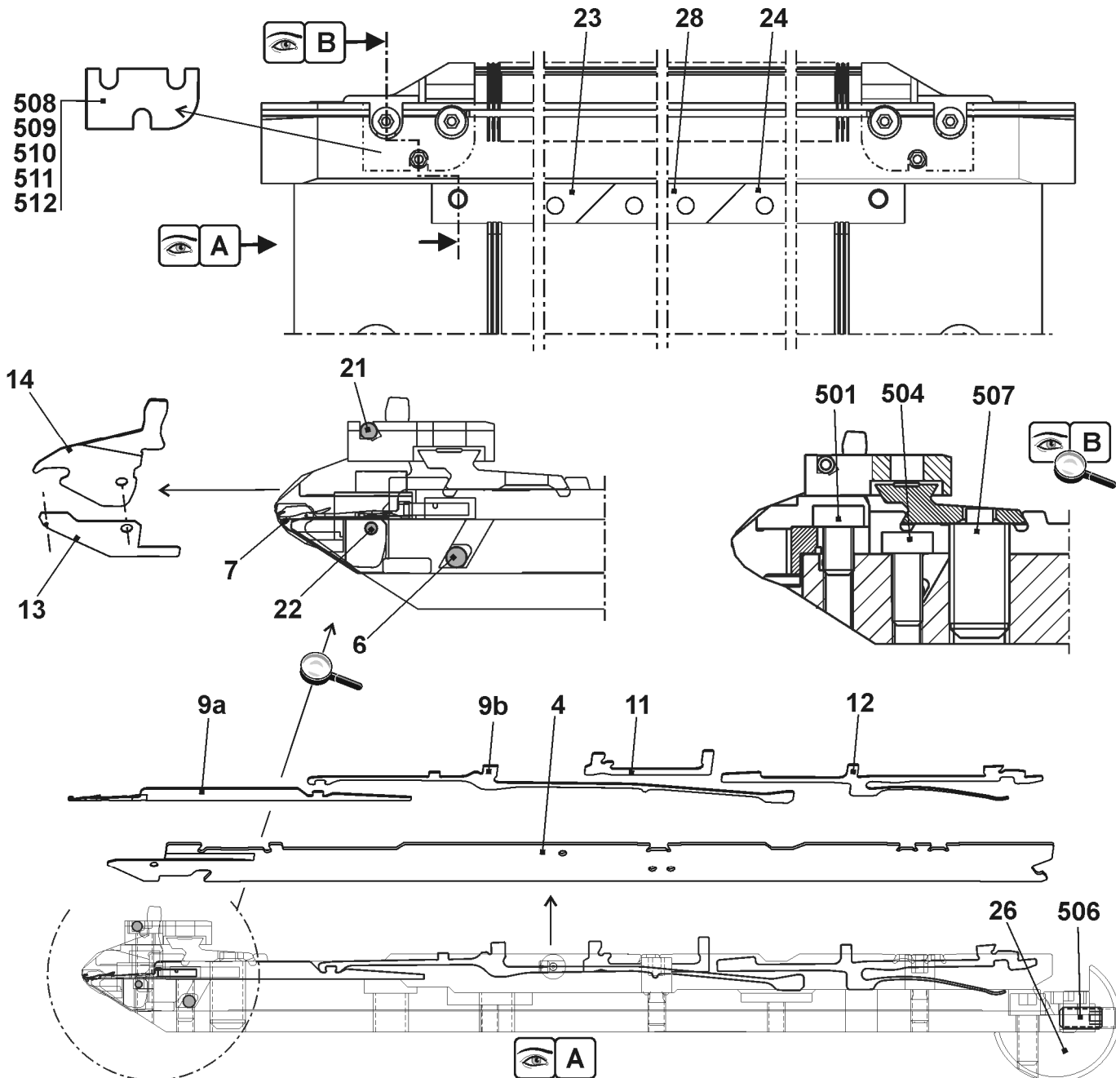
Continuation needle bed E7.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E14	238 211	27	Stop screw	214 039
1	Needle bed at the front + rear E7.2	237 486	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E7.2	237 493	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E7.2	237 501	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E10-14	205 764	31*	Set screw complete	207 712
16	Limiter on the left E10-14	205 765	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E7.2	237 508	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



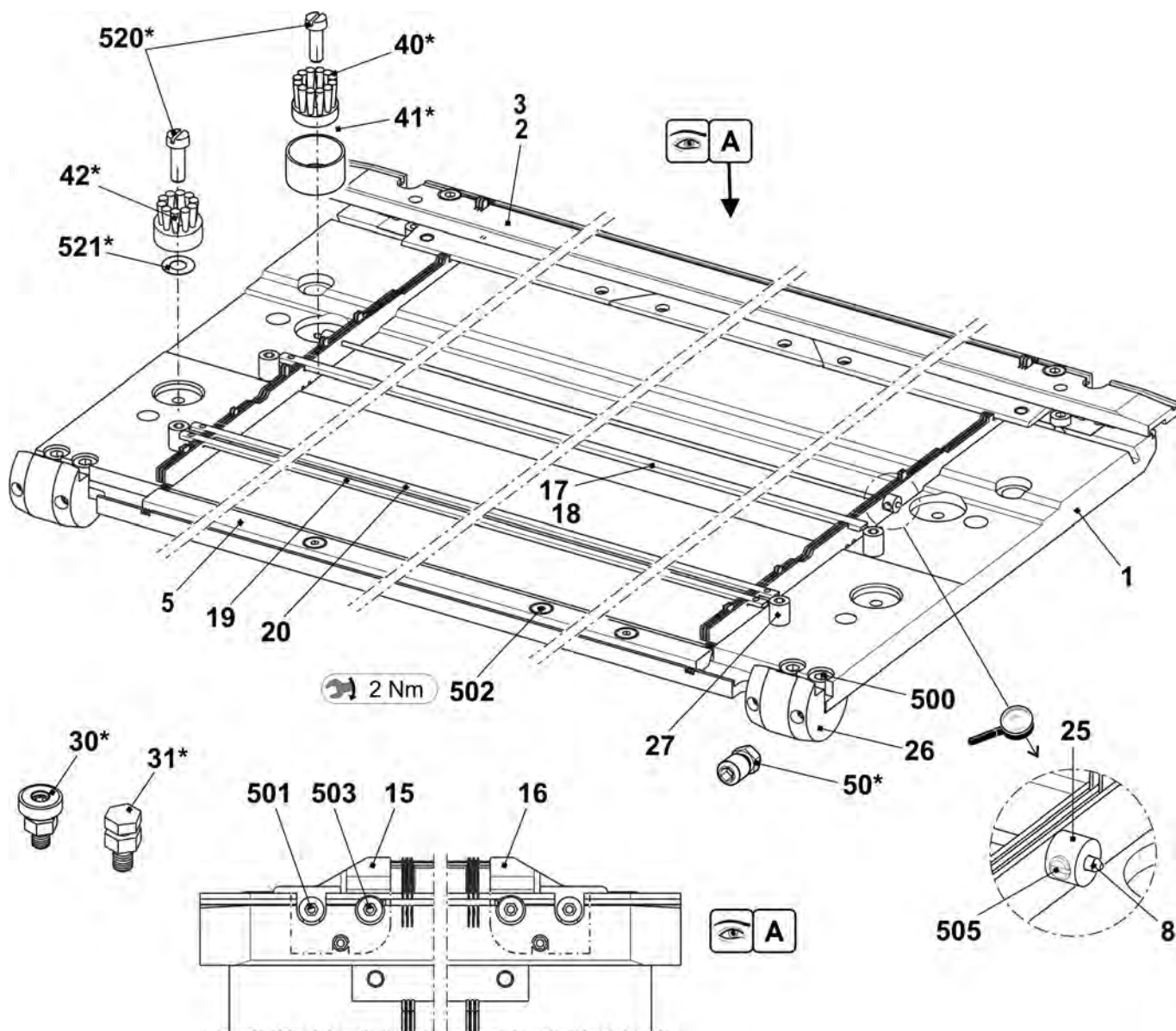
Needle bed E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8.2	241 448	23	Needle rail on the left	205 311
4	Main trick wall E16	222 501	24	Needle rail on the right	205 312
6	Spring steel wire Ø3.4	223 868	26	Support	206 352
7	Spring steel wire Ø0.5	238 942	28	Needle rail in the middle	237 387
9a	Needle E18/14	240 026	501	Cap screw M5x8	023 154
9b	Coupling part E16-20	220 382	504	Cap screw M5x12-8.8	022 943
11	Intermediate slider with brake E16	237 326	506	Set screw M6x12-45	022 400
12	Selection jack E16-20	222 265	507	Sprung thrust piece B-M10	023 177
-----			508	Shim 0.02x18.5x34	023 194
13	Knock-over bit E16	222 503	509	Shim 0.03x18.5x34	023 195
14	Holding-down jack E16	222 504	510	Shim 0.05x18.5x34	023 196
21	Spring steel wire Ø2.8 Length=2150 mm	238 950	511	Shim 0.1x18.5x34	023 197
22	Spring steel wire Ø1.95 Length=2150 mm	223 852	512	Shim 0.2x18.5x34	023 253



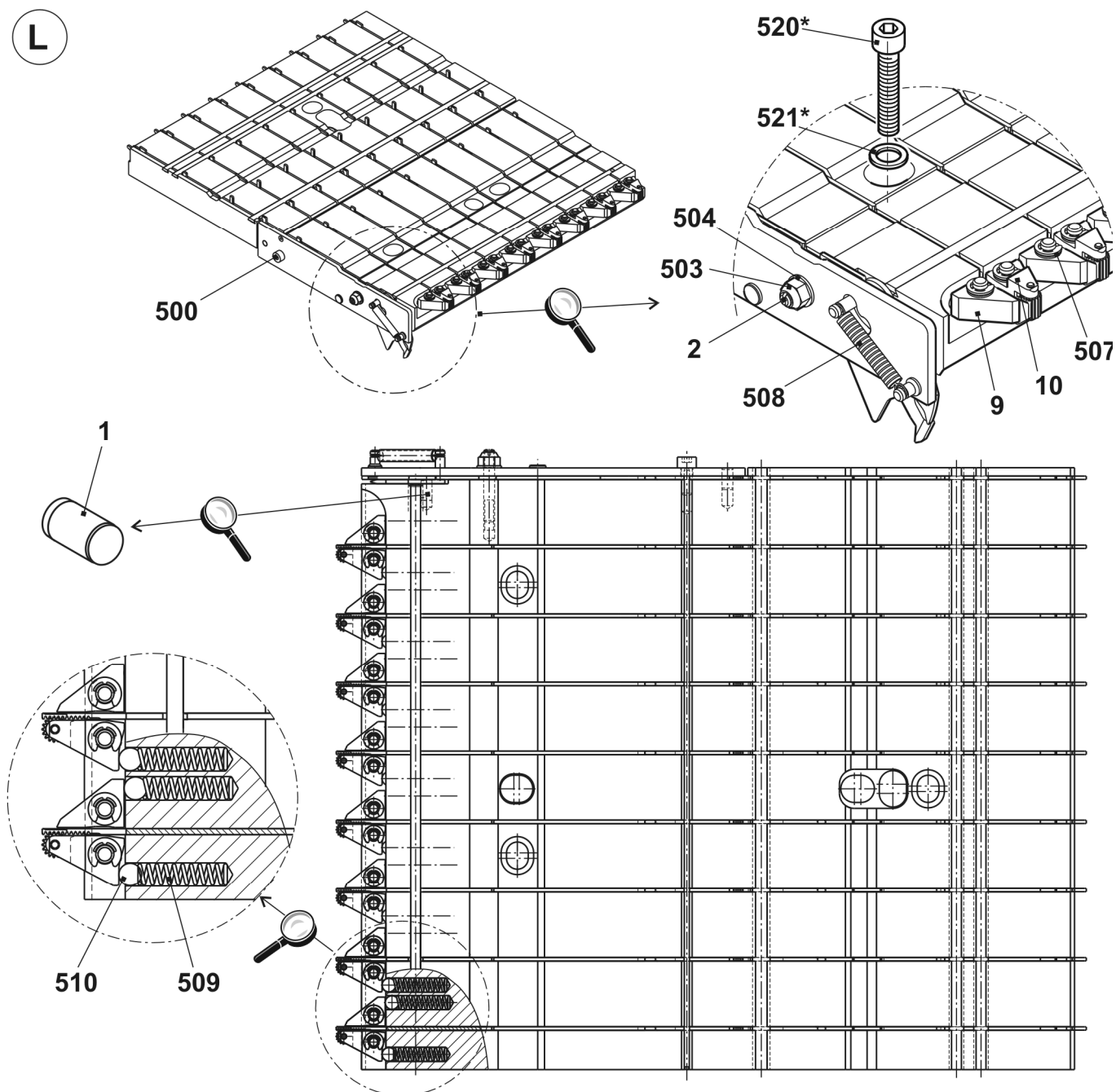
Continuation needle bed E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle bed complete at the front and rear E8.2	241 448	27	Stop screw	214 039
1	Needle bed at the front rear E16	238 777	500	Cap screw M6X14	022 658
2	Holding-down jack bed at the front E16	238 917	502	Cap screw M5x8	023 379
3	Holding-down jack bed at the rear E16	238 920	503	Cap screw M5x22	023 193
5	Pressure slide	237 509	505	Set screw M3,5x3-1	020 512
8	Spring steel wire Ø2.0	223 854	30*	Adjusting piece	206 375
15	Limiter on the left E16 - E20	220 821	31*	Set screw complete	207 712
16	Limiter on the right E16 - E20	220 822	40*	Plate brush	235 612
17	Cover rail at the rear	237 379	41*	Container plate brush	233 012
18	Cover rail at the front E16	238 925	42*	Plate brush	235 612
19	Cover rail	237 382	520*	Cap screw M5x12	020 032
20	Cover rail	237 383	521*	Adjusting washer P6x12x0.3	023 540
25	Bush	206 090			



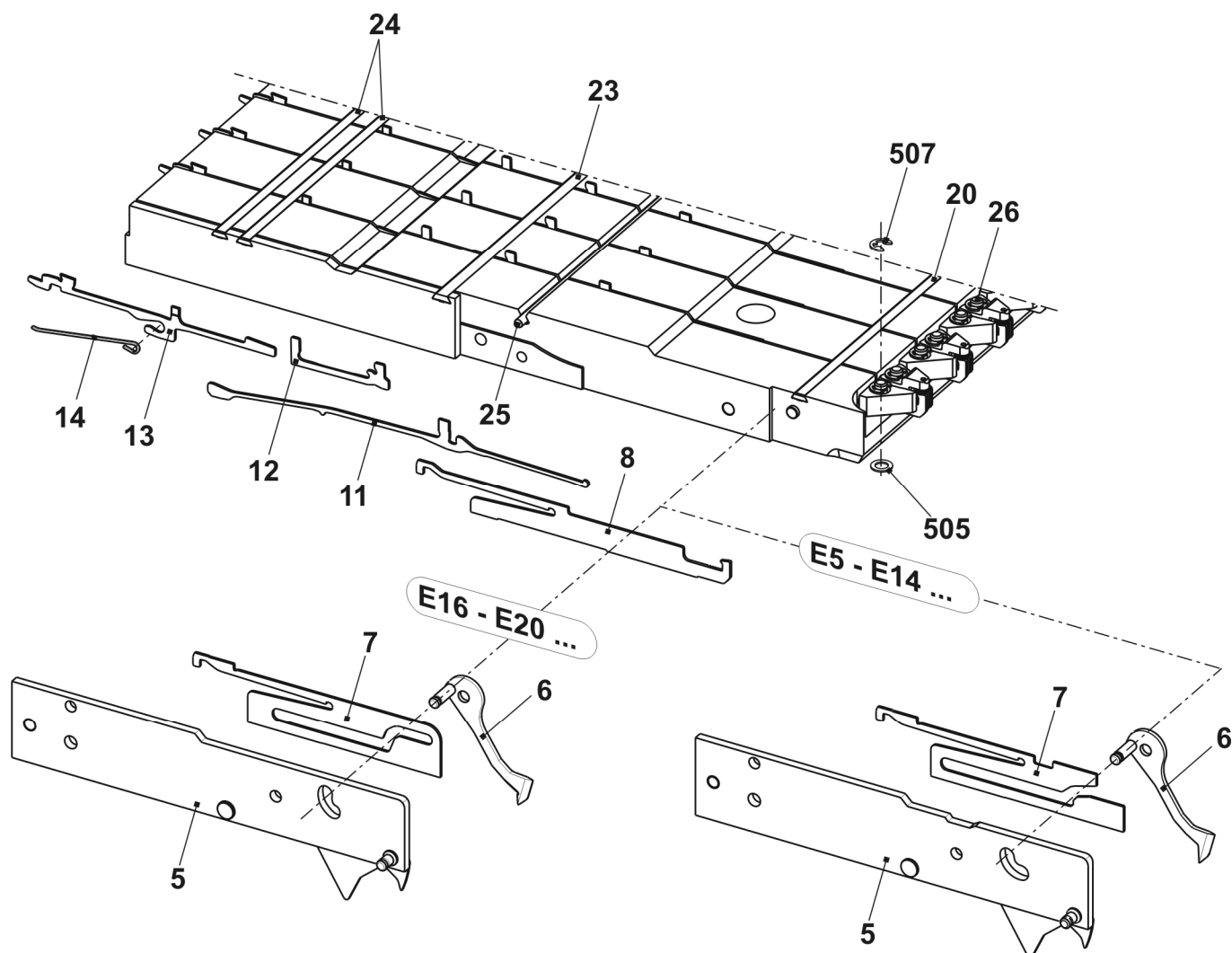
Left clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left clamping/cutting bed		500	Cap screw M4x10	023 136
	E5 - E8, E2,5.2, E3,5.2, E5.2	211 883	503	Hexagon nut M4	023 046
	E10 - E14, E6.2, E7.2	211 884	504	Washer 4	020 870
	E16 - E18, E8.2	239 678	507	Circlip 3.2	021 019
1	Axle	211 349	509	Compression spring 0.8x4x26.3	023 333
2	Guide leader pin	211 351	510	Ball DIN 5401 - 5	023 309
9	Blade	210 422	520*	Cap screw M6x25	023 335
10	Clamp on the left complete	210 462	521*	Washer 7.6x11.6x1.5	023 334
508	Tension spring 5x0.55x18.9 (E5 - E8, E2,5.2, E3,5.2, E5.2)	023 377	A+B Equipment of the clamping/cutting bed on the left		
	Tension spring 4x0.55x18.9 (E10 - E18, E6.2 - E8.2)	023 392			



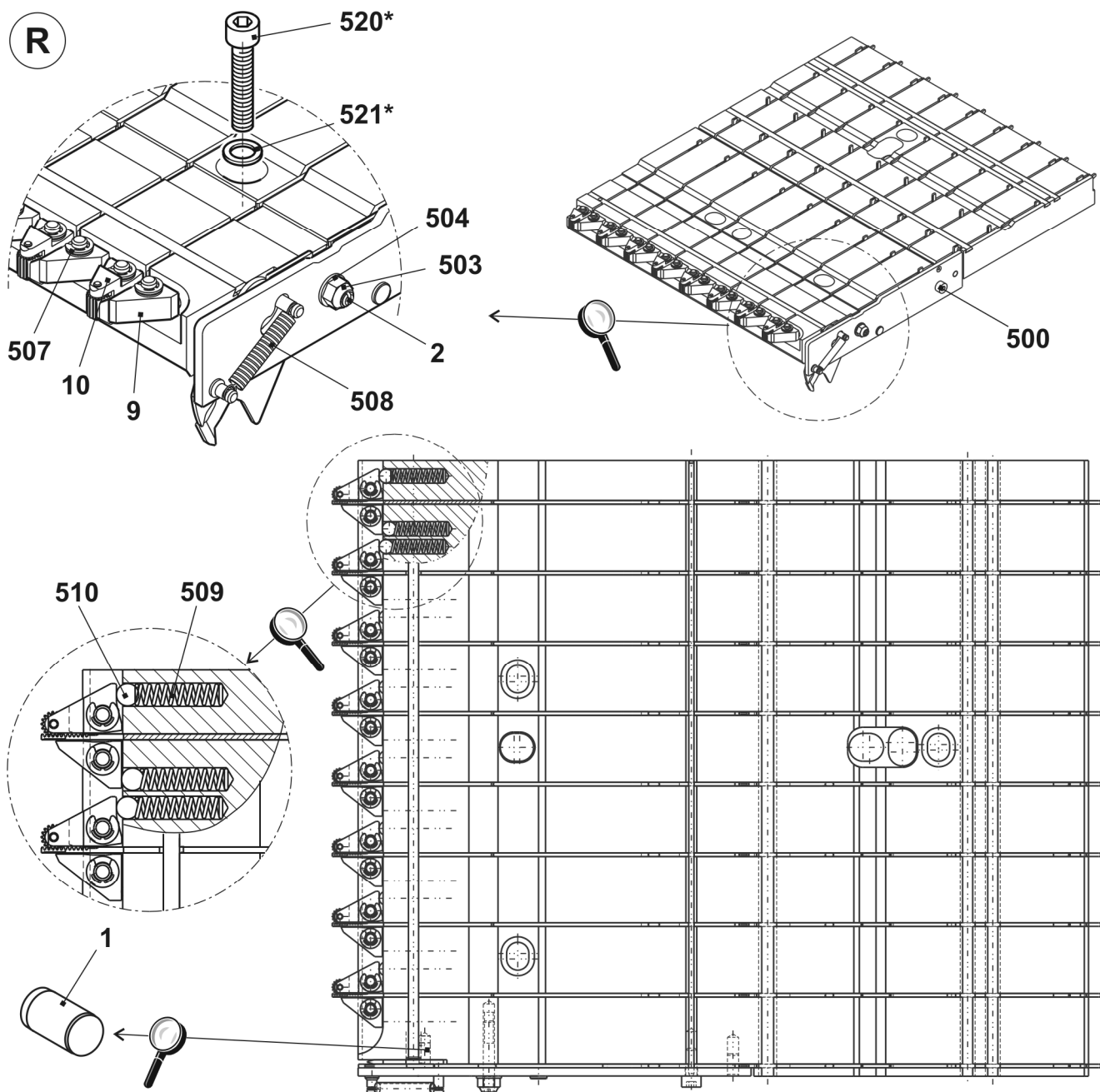
Equipment of the clamping/cutting bed on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Cover on the left complete		12	Intermediate slider	
	E5 - E14, E2,5.2 - E7.2	211 771		E5 - E14, E2,5.2 - E7.2	237 323
	E16 - E18 + E8.2	242 835		E16 - E18 + E8.2	237 324
6	Catch hook on the left		13	Selection jack	
	E5 - E14, E2,5.2 - E7.2	213 151		E5 - E14, E2,5.2 - E7.2	200 687
	E16 - E18 + E8.2	242 831		E16 - E18 + E8.2	200 688
7	Slider		14	Selector spring	
	E5 - E8 + E2,5.2 - E5.2	211 096		E5 - E14, E2,5.2 - E7.2	200 690
	E10 - E14 + E6.2 + E7.2	211 104		E16 - E18 + E8.2	200 691
	E16 - E18 + E8.2	242 828			
8	Tuck needle on the left		20	Cover rail	211 358
	E5 - E8 + E2,5.2 - E5.2	211 804	23	Cover rail	209 223
	E10 - E14 + E6.2 + E7.2	211 809	24	Cover rail	209 224
	E16 - E18 + E8.2	221 111	25	Fixed wire	215 927
11	Coupling part		26	Bolt	208 094
	E5 - E14, E2,5.2 - E7.2	200 682	505	Disc 4.3x7x0.5	022 153
	E16 - E18 + E8.2	200 683	507	Circlip 3.2	021 019



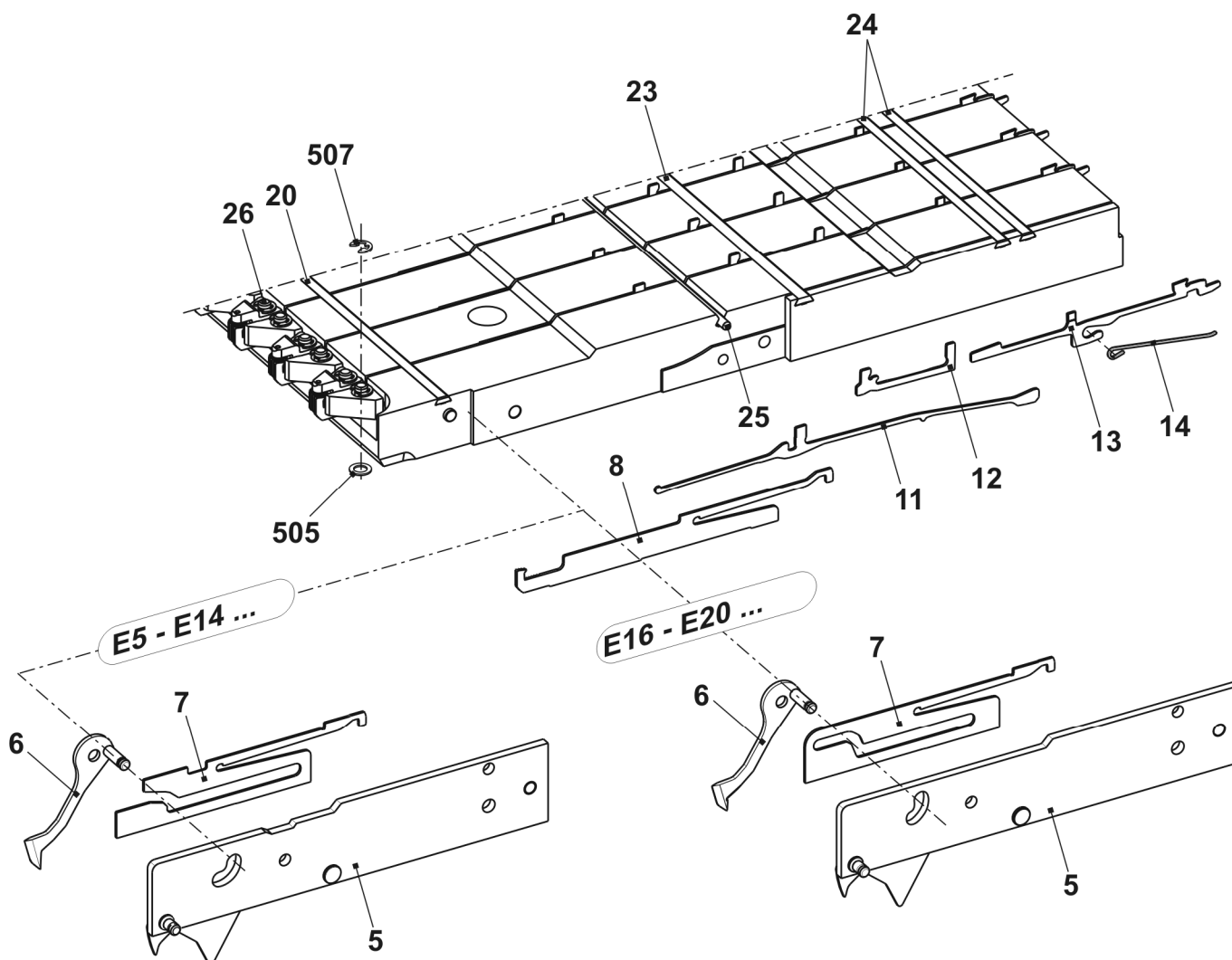
Clamping/cutting bed on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Clamping/cutting bed on the right		500	Cap screw M4x10	023 136
	E5 - E8, E2,5.2, E3,5.2, E5.2	211 885	503	Hexagon nut M4	023 046
	E10 - E14, E6.2, E7.2	211 886	504	Washer 4	020 870
	E16 - E18, E8.2	239 679	507	Circlip 3.2	021 019
1	Axle	211 349	509	Compression spring 0.8x4x26.3	023 333
2	Guide leader pin	211 351	510	Ball DIN 5401 - 5	023 309
9	Blade	210 422	520*	Cap screw M6x25	023 335
10	Clamp on the right complete	210 464	521*	Washer 7.6x11.6x1.5	023 334
508	Tension spring 5x0.55x18.9 (E5 - E8, E2,5.2, E3,5.2, E5.2)	023 377	A+B	Equipment of the clamping/cutting bed on the left	
	Tension spring 4x0.55x18.9 (E10 - E18, E6.2 - E8.2)	023 392			



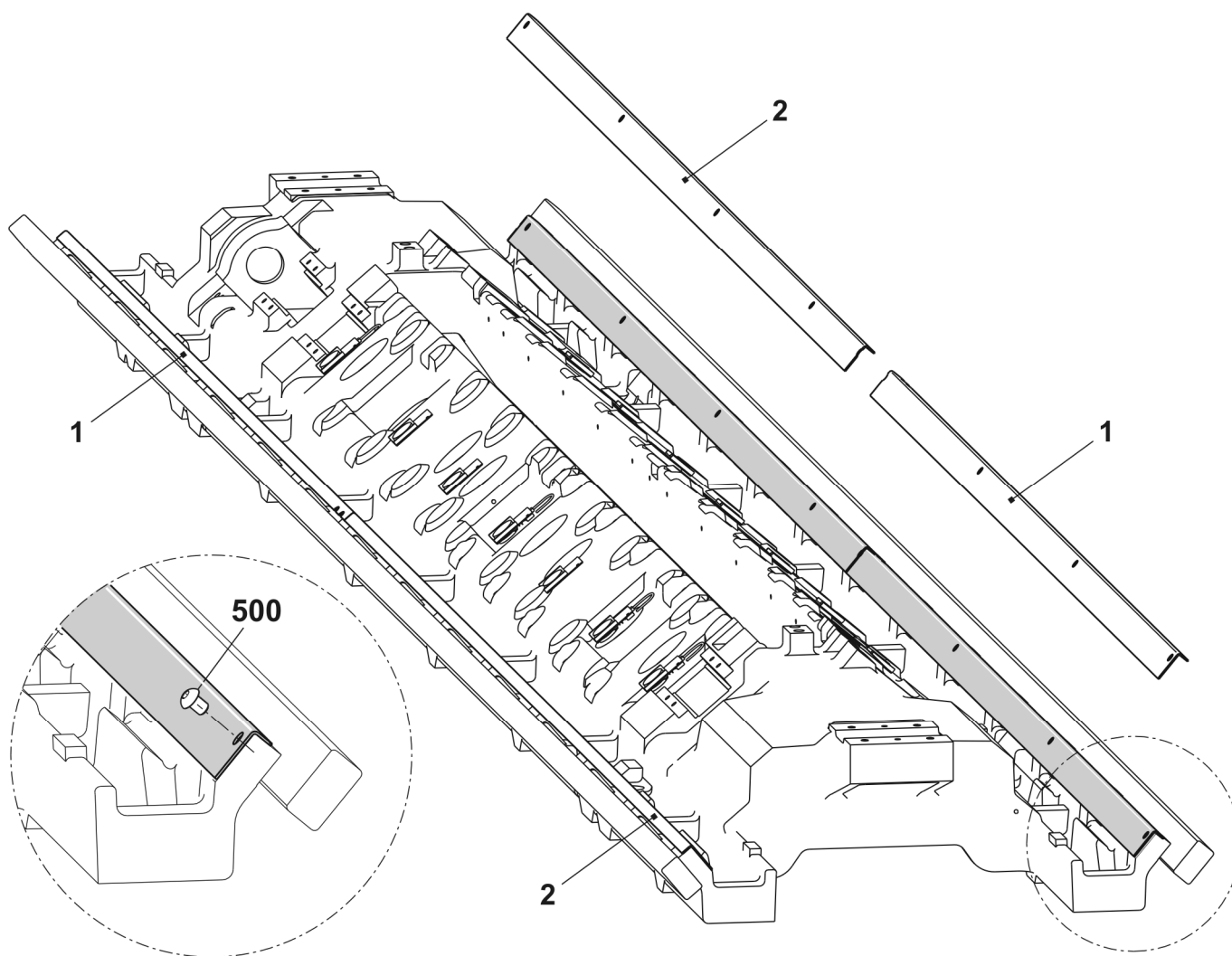
Equipment of the right clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Cover on the right complete		12	Intermediate slider	
	E5 - E14, E2,5.2 - E7.2	211 347		E5 - E14, E2,5.2 - E7.2	237 323
	E16 - E18 + E8.2	242 836		E16 - E18 + E8.2	237 324
6	Catch hook on the right		13	Selection jack	
	E5 - E14, E2,5.2 - E7.2	213 150		E5 - E14, E2,5.2 - E7.2	200 687
	E16 - E18 + E8.2	242 833		E16 - E18 + E8.2	200 688
7	Slider		14	Selector spring	
	E5 - E8 + E2,5.2 - E5.2	211 096		E5-14, E2,5.2 - E7.2	200 690
	E10 - E14 + E6.2 + E7.2	211 104		E16 - E18 + E8.2	200 691
	E16 - E18 + E8.2	242 828			
8	Tuck needle on the right		20	Cover rail	211 358
	E5 - E8 + E2,5.2 - E5.2	210 420	23	Cover rail	209 223
	E10 - E14 + E6.2 + E7.2	210 249	24	Cover rail	209 224
	E16 - E18 + E8.2	221 112	25	Fixed wire	209 222
11	Coupling part		26	Bolt	208 094
	E5 - E14, E2,5.2 - E7.2	200 682	505	Disc 4.3x7x0.5	022 153
	E16 - E18 + E8.2	200 683	507	Circlip 3.2	021 019

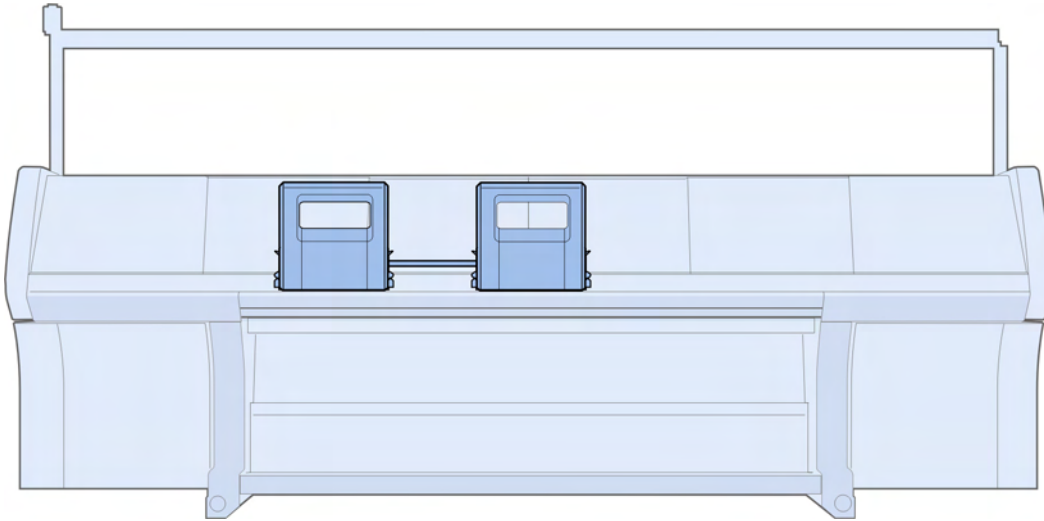


Cover on the left and on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover on the left	241 938	500	Countersunk screw M8x10	241 930
2	Cover on the right	241 939			

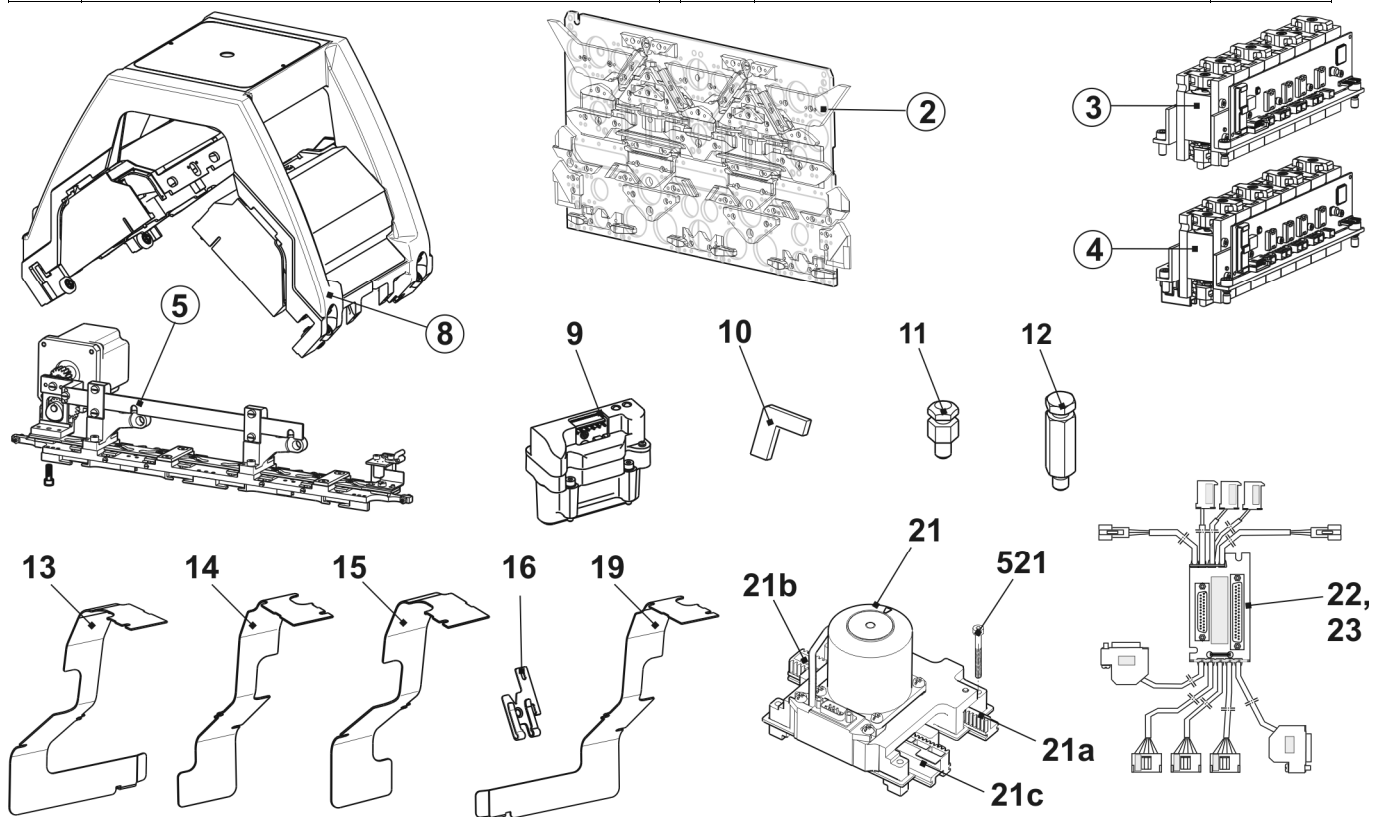


Tandem Carriage



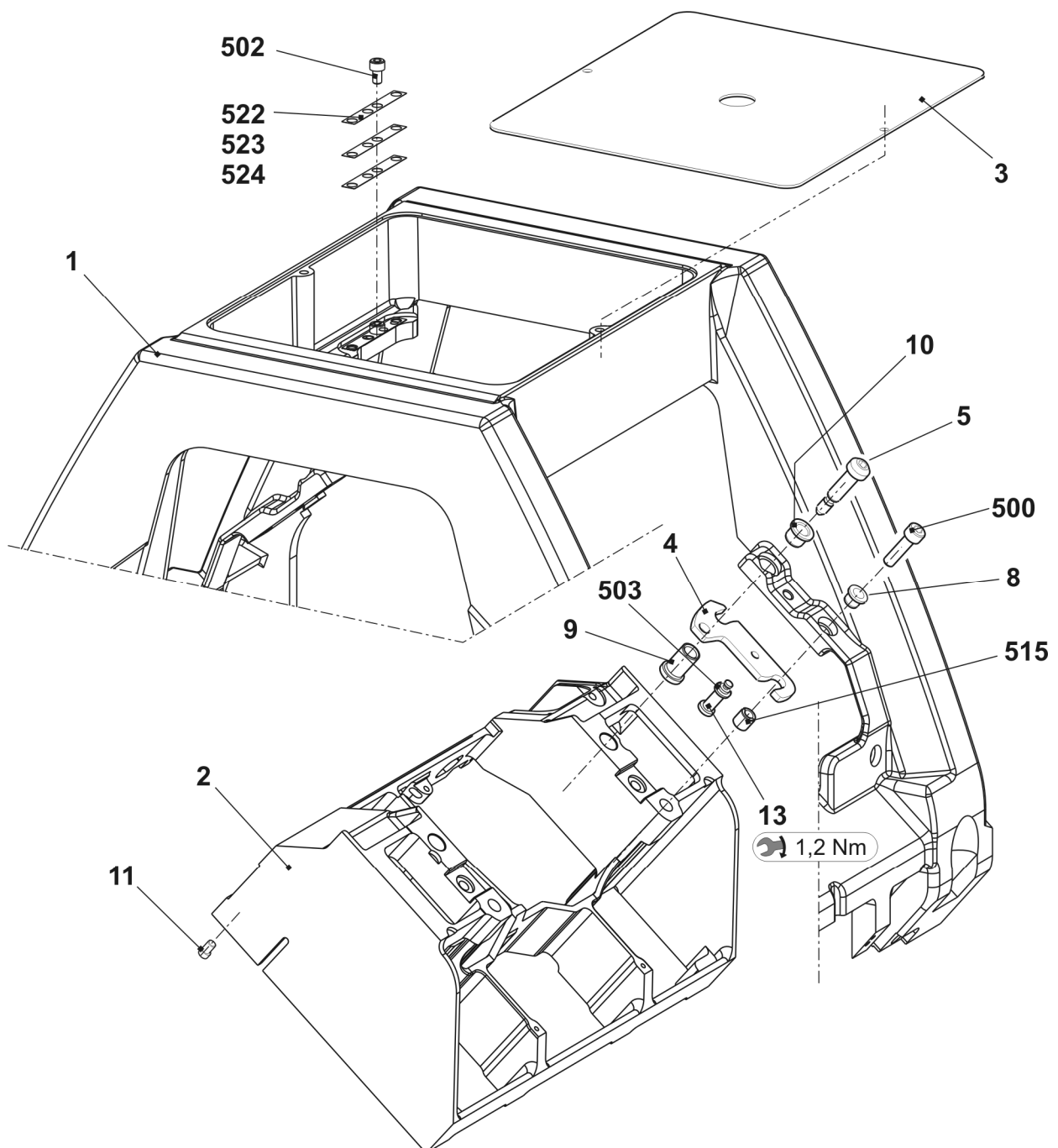
Overview of carriage

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Carriage complete		2	Cam box set complete	
	E5 + E5m.4 + E7m.5	244 240		E5 + E5m.4 + E7m.5	244 239
	E2,5.2 k&w + E2,5.2 mg			E2,5.2 k&w + E2,5.2 mg	
	E3,5.2 k&w + E3,5.2 mg			E3,5.2 k&w + E3,5.2 mg	
	E5.2 k&w	244 399		E5.2 k&w + E5.2 mg	
	E5.2 mg	244 397			
	E7 + E8 + E7m.8 + E8m.7	244 387		E7 + E8 + E7m.8 + E8m.7	244 389
	E10	244 378		E10	244 382
	E10m.12	244 394		E10m.12	244 394
	E6.2 k&w	244 401		E6.2 k&w	244 403
	E6.2 mg	242 272		E6.2 mg	242 275
	E6.2(12m.10)	244 284		E6.2(12m.10)	244 286
	E12	243 908		E12	243 916
	E7.2 k&w	242 270		E7.2 k&w	242 274
	E7.2 mg	243 912		E7.2 mg	243 919
	E14	244 380		E14	244 384
	E16 + E18	242 233		E16 + E18	242 243
	E8.2 mg	243 914		E8.2 mg	243 920
3	YC driving unit outside complete	241 080	10	Wiper (felt)	241 411
4	YC driving unit in the middle complete	241 081	11	Bolt	212 392
5	Holding-down jack control complete		12	Bolt	243 171
8	Carriage assembly 822	242 232	13	Guide plate on the left at the rear	242 801
9	Selection system complete		14	Cover plate on the left	240 734
	E5 + E5m.4 + E7m.5	216 218	15	Cover plate on the right	240 735
	E2,5.2 k&w + E2,5.2 mg		16	Fixed clip	243 542
	E3,5.2 k&w + E3,5.2 mg		19	Guide plate on the right at the rear	242 961
	E5.2 k&w + E5.2 mg		21	Motor unit 550	239 407
	E7 + E8 + E7m.8 + E8m.7			21a Gear rack at the top	209 781
	E10 + E12 + E10m.12 + E6.2 (12m.10)	216 219		21b Gear rack in the middle	209 782
	E6.2 k&w + E6.2 mg			21c Gear rack at the bottom	209 783
	E14 + E7.2 k&w + E7.2 mg	229 300		521 Screw M4x12	023 367
	E16 + E18 + E8.2 mg	220 114	22	Distributor at the rear left 822 okc	242 239
			23	Distributor at the front left 822 okc	242 240



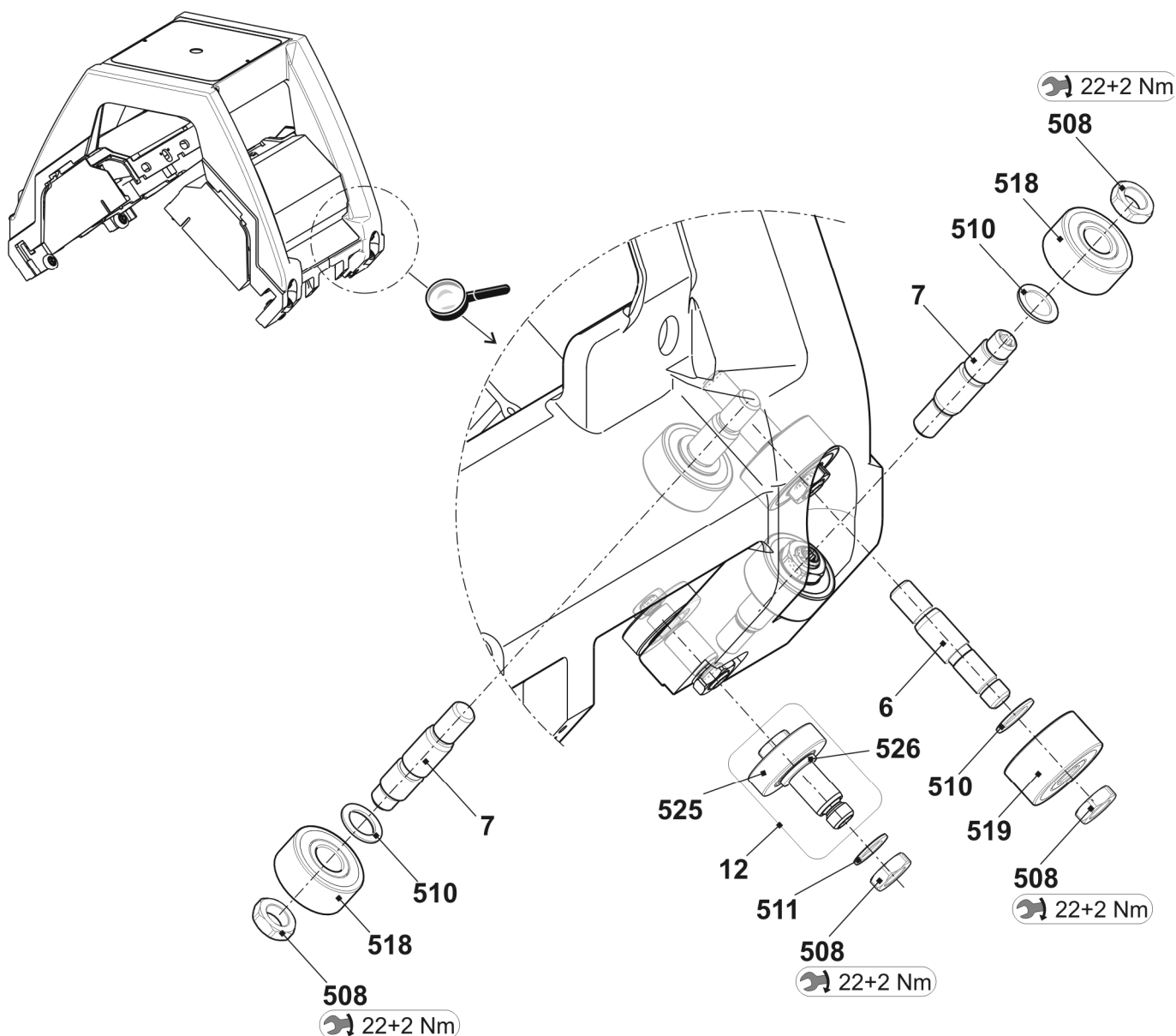
Carriage assembly

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Carriage assembly 822	242 232	13	Fixing bolt linking spot	244 179
1	Carriage frame, 2 cam boxes	240 704	500	Cap screw M8X30	020 143
2	Carriage part, 2 cam boxes	241 756	502	Countersunk screw M6x10	023 183
3	Carriage cover at the top, 2 cam boxes	241 780	504	Shoulder screw M6x22x5	023 478
5	Dowel screw	211 750	503	Locking ring 8x0.8	021 021
4	Shim	225 312	515	Threaded bushing	041 863
8	Bush	207 546	522	Shim 0.2x10x70	023 699
9	Bush	209 275	523	Shim 0.1x10x70	023 698
10	Bush	209 274	524	Shim 0.05x10x70	023 697



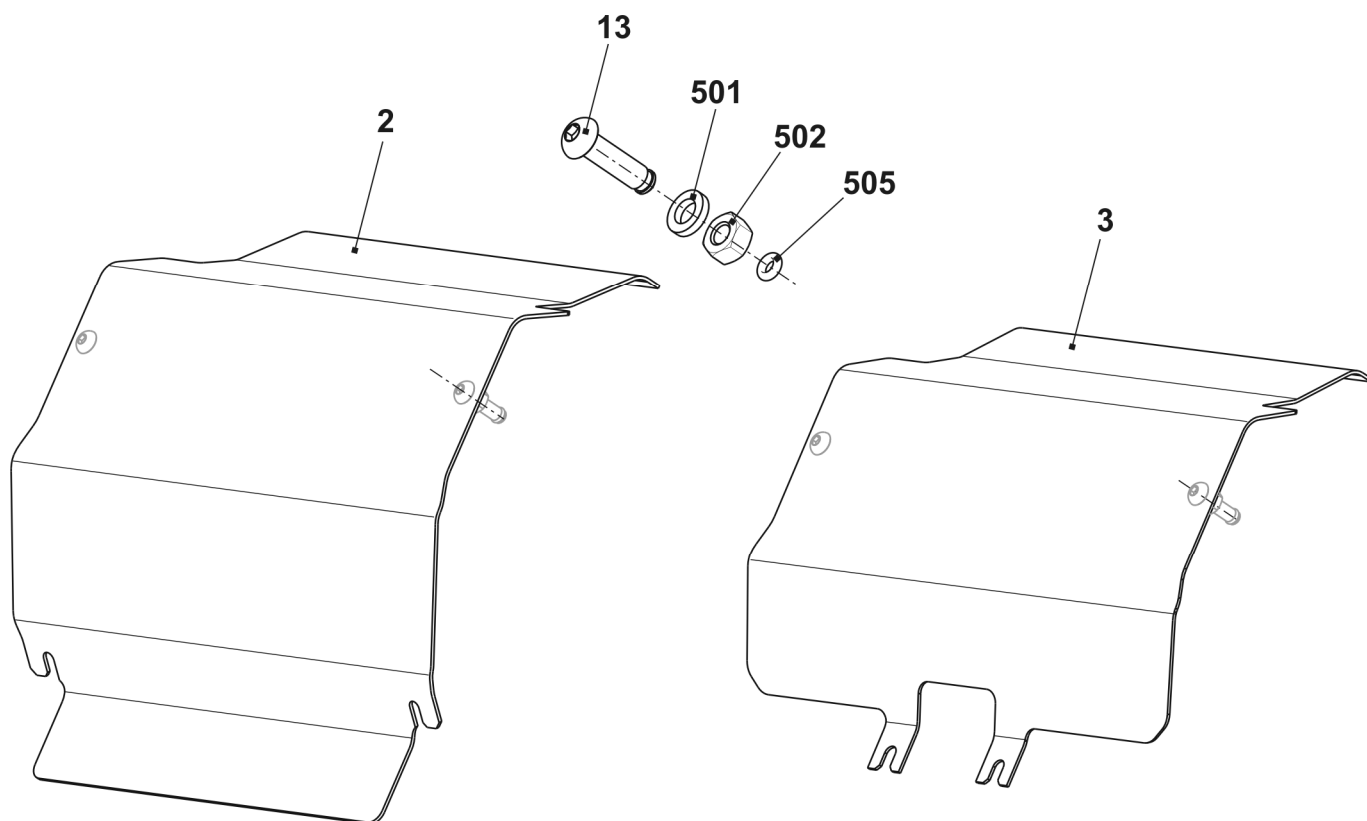
Carriage guide

Pos	Designation	Ident No	Pos	Designation	Ident No
6	Bearing bolt eccentric 0.3	242 060	510	Adjusting washer 12x18x1	023 315
7	Bearing bolt eccentric 0.3	242 624	511	Adjusting washer 10x16x1	023 260
12	Bolt complete with bearing	244 283	518	Ball bearing 62201-2RS	241 408
508	Nut M10	023 316	519	Ball bearing 62300-2RS1	242 070



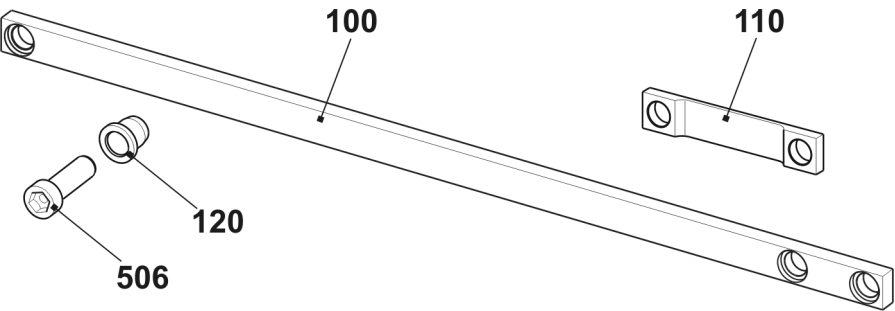
Carriage cover

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Carriage cover front 2 cam boxes	241 775	501	Serrated lock washer 6,4	022 385
3	Carriage cover rear 2 cam boxes	241 776	502	Hexagon nut M6	022 899
13	Fixing bolt	242 382	505	O-ring	242 420



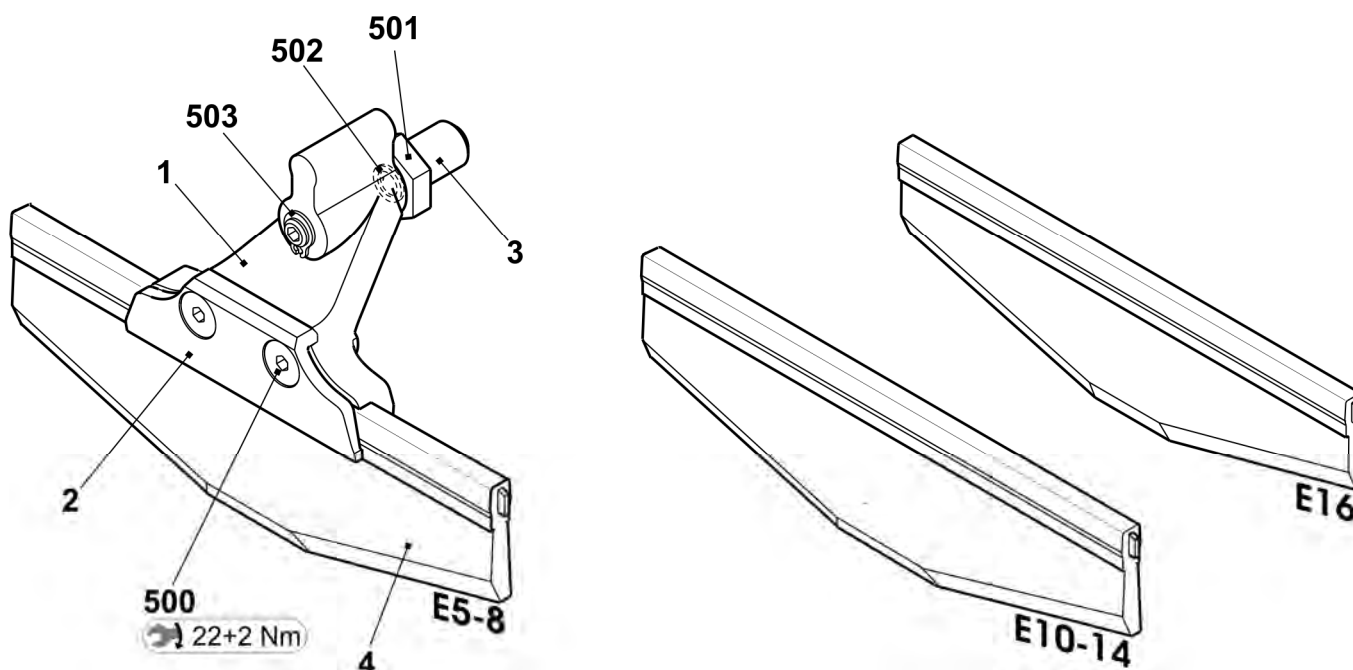
Carriage coupling

Pos	Designation	Ident No	Pos	Designation	Ident No
100	Coupling rod 42" and 44"	242 889	120	Sleeve	225 600
110	Coupling rod short	242 891	506	Cap screw M16x45	023 366



Brush holder

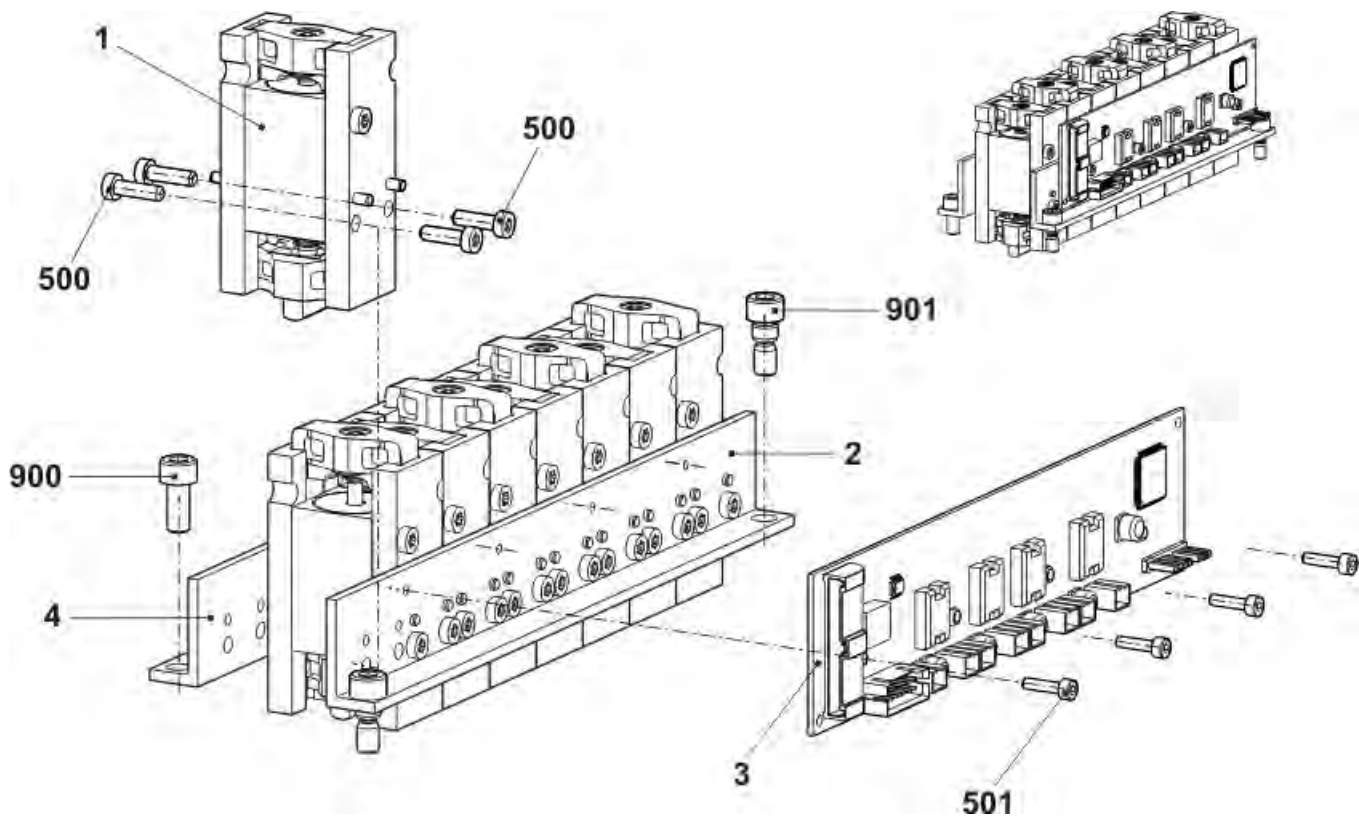
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Brush holder complete		4	Brush	
	E5 + E5m.4 + E7 + E7m.5 + E7m.8 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E8 + E8m.7	220 064		E5 + E5m.4 + E7 + E7m.5 + E7m.8 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E8 + E8m.7	203 254
	E10 + E10m.12 + E5.2 k&w + E5.2 mg + E12 + E6.2 k&w + E6.2(12m.10) + E14 + E7.2 k&w + E7.2 mg	220 065		E10 + E10m.12 + E5.2 k&w + E5.2 mg + E12 + E6.2 k&w + E6.2(12m.10) + E14 + E7.2 k&w + E7.2 mg	212 854
	E16 + E8.2 mg + E18	239 432		E16 + E8.2 mg + E18	224 822
1	Brush holder	219 423	500	Countersunk screw M4x12	023 062
2	Brush clamp	213 010	501	Hexagon nut M8	020 856
3	Threaded rod	209 740	502	Adjusting washer	023 348
			503	Locking ring 5x0.6	023 347



☰ Bürstenhalter 220064+ ()

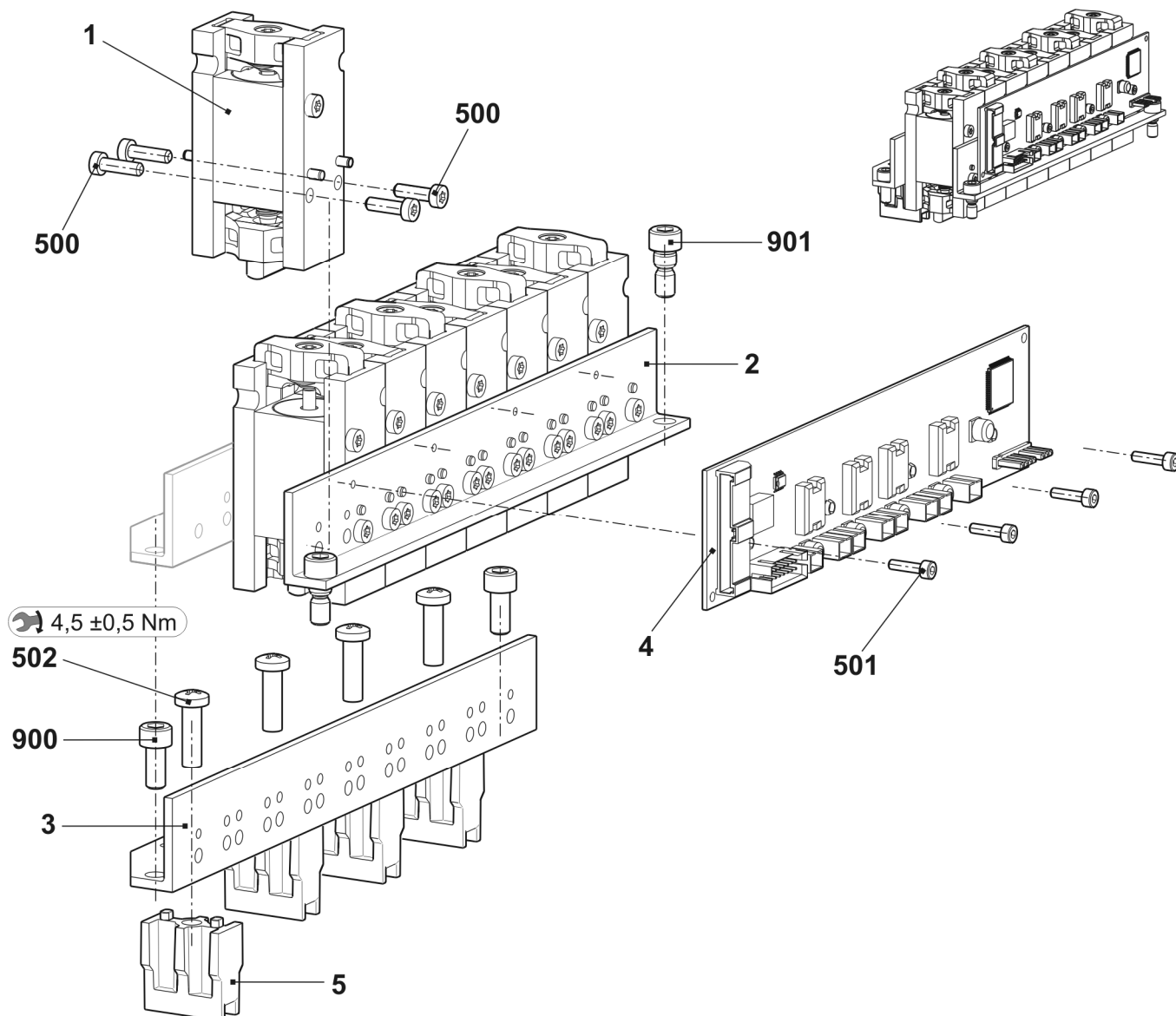
Yarn carrier driving unit without guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit outside complete	241 080	500	Cap screw M4x40-I-Torx	242 279
1	Yarn carrier drive box complete	242 214	501	Cap screw M3x12-12.9	022 648
2	Support angle for jack	241 038	900	Cap screw M6X14	022 658
3	Card yarn carrier amplifier OKC	300 960	901	Alignment bolt	231 899
4	Support angle for YC driving unit	242 903			



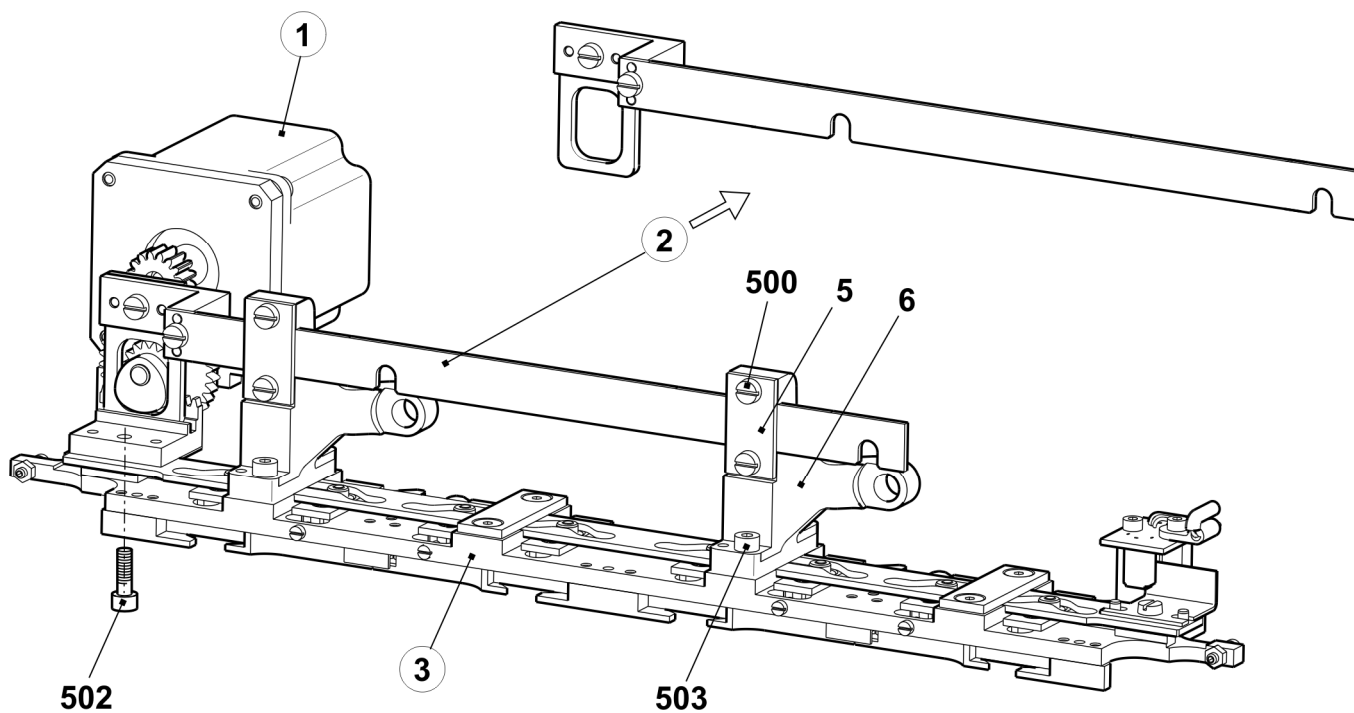
Yarn carrier driving unit with guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit complete in the middle	241 081	500	Cap screw M4x40-I-Torx	242 279
1	Yarn carrier drive box complete	242 214	501	Cap screw M3x12-12.9	022 648
2	Support angle for jack	241 038	502	Screw KB60X20	243 625
3	Support angle for YC driving unit	242 903	900	Cap screw M6X14	022 658
4	Card yarn carrier amplifier OKC	300 960	901	Alignment bolt	231 899
5	Guiding part	239 972			



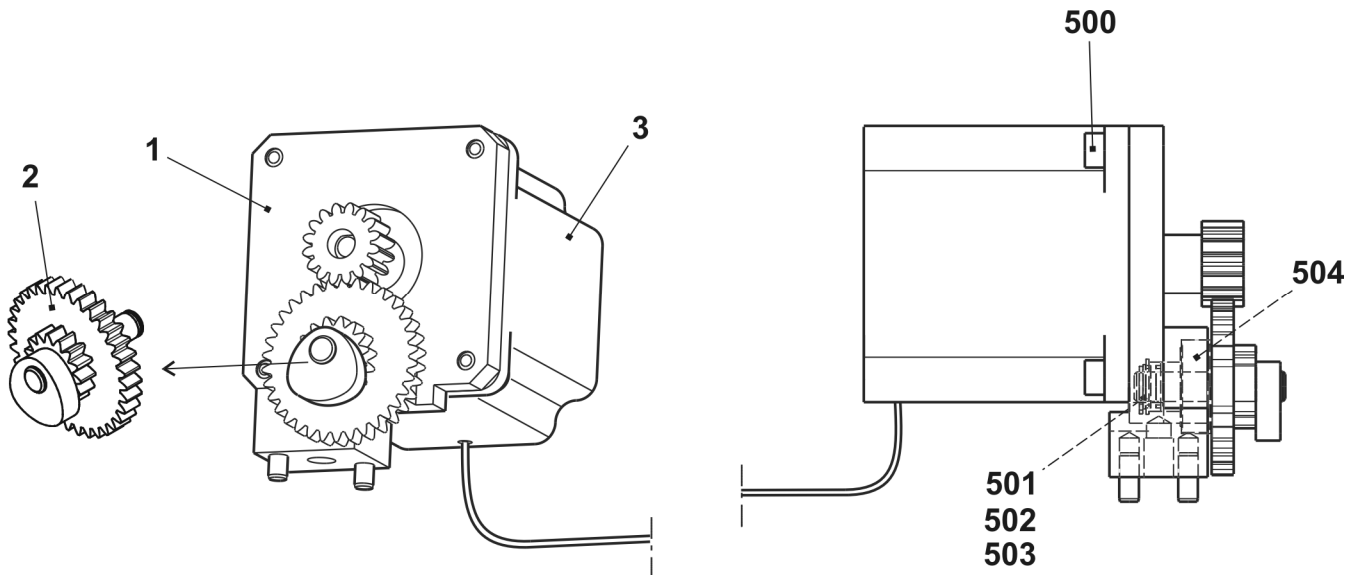
Holding-down jack control

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Holding-down jack control complete		3	Jack cam box	
	E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E3,5.2 k&w+ E5.2 mg	239 993		E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E3,5.2 k&w+ E5.2 mg	239 975
	E7 + E8 + E7m.8 + E8m.7 + E3,5.2 mg	239 992		E7 + E8 + E7m.8 + E8m.7 + E3,5.2 mg	239 974
	E10 + E10m.12	239 550		E10 + E10m.12	239 537
	E5.2 k&w + E6.2 k&w	239 846		E5.2 k&w + E6.2 k&w	239 833
	E12 + E14+ E6.2 (12m.10) + E6.2 mg	239 551		E12 + E14+ E6.2 (12m.10) + E6.2 mg	239 538
	E7.2 k&w	239 845		E7.2 k&w	239 832
	E7.2 mg	239 994		E7.2 mg	239 976
	E16 + E18 + E8.2 mg	239 426		E16 + E18 + E8.2 mg	239 424
1	Control unit holding-down jack complete	239 342	500	Cap screw M4x6	020 019
2	Control slide complete	239 363	502	Cap screw M6X12	020 134
5	Cover plate	221 272	503	Cap screw M4x12	022 664
6	Support	239 354			



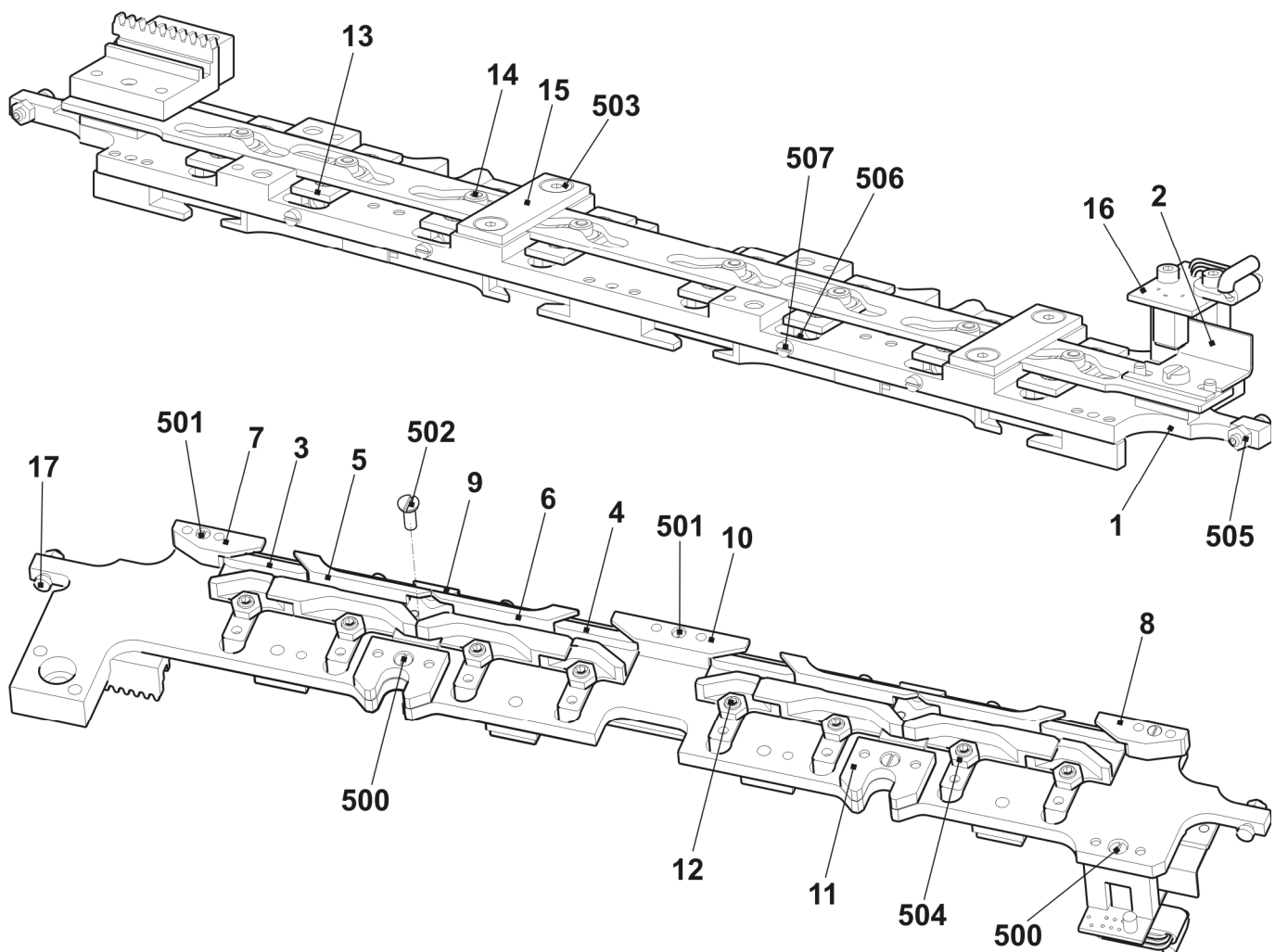
Control unit holding-down jack complete

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Motor plate	239 336	501	Locking ring 6x0.7	023 298
2	Gear wheel complete	239 341	502	Washer 6.1x9x0.5	023 554
3	Motor complete	239 343	503	Ball bearing 6x10x3	023 533
500	Cap screw M4x12	022 664	504	Ball bearing 626-2RS	023 587



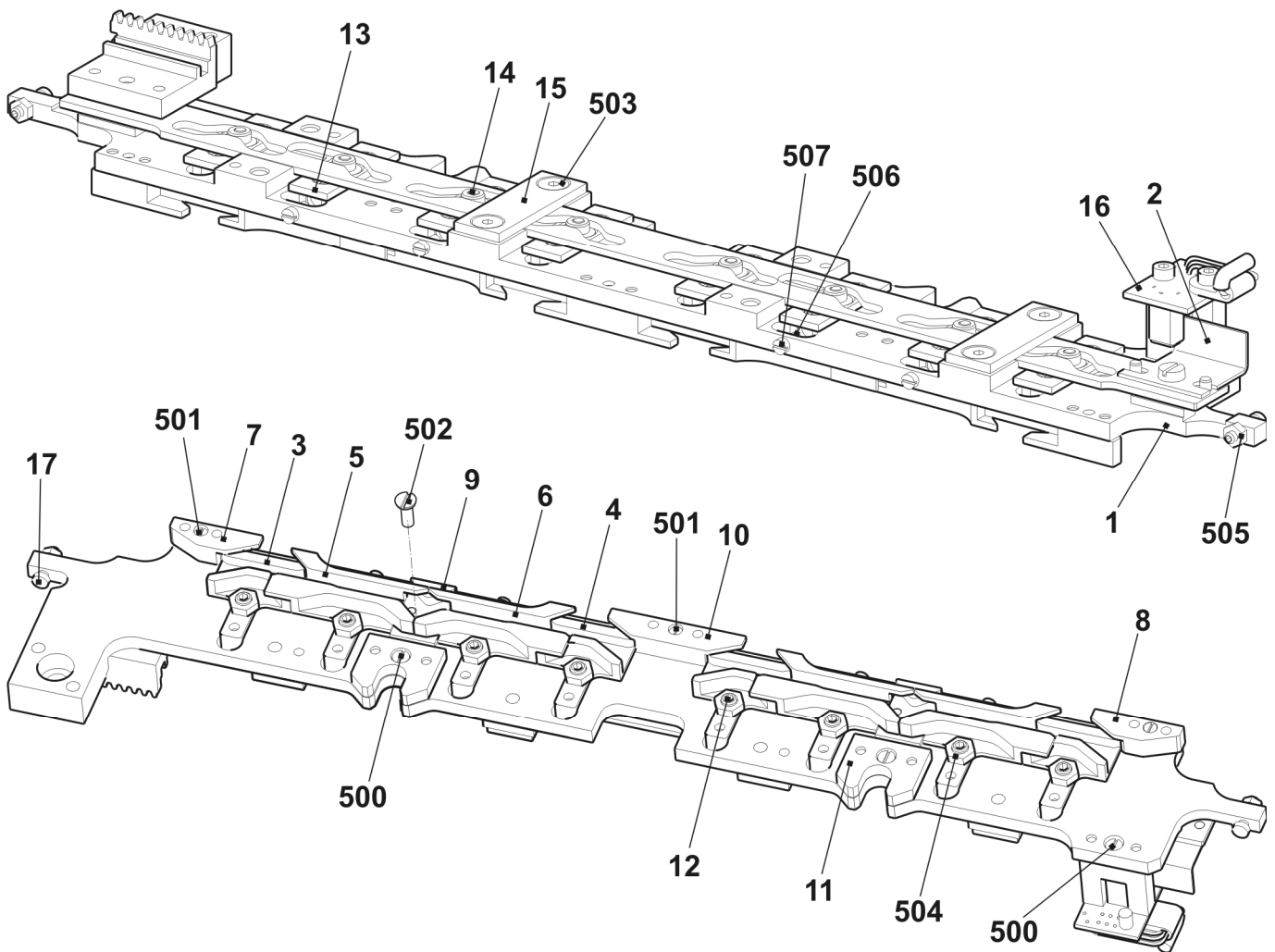
Jack cam box E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E3,5.2 k&w+ E5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete	239 537	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 415	15	Guide plate	239 370
3	Floating cam at the left	239 945	16	Light barrier complete	239 362
4	Floating cam at the right	239 946	17	Set screw	239 727
5	Jack slider at the left	239 943	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 944	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 947	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 948	503	Countersunk screw M4x8	235 965
9	Central cam	239 949	504	Hexagon nut M5	020 854
10	Intermediate cam	239 950	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



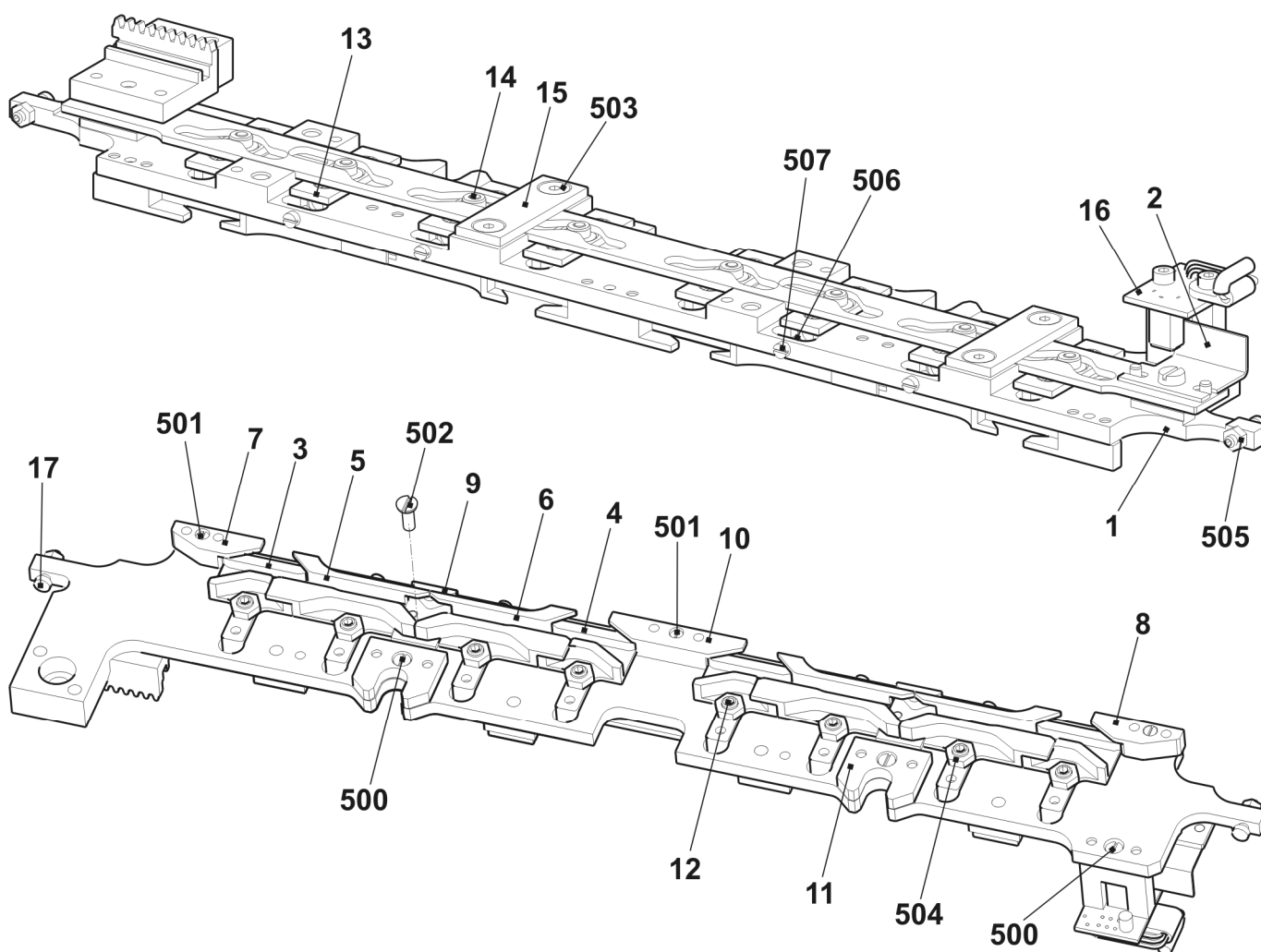
Jack cam box E7 + E8 + E7m.8 + E8m.7 + E3,5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete	239 974	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 415	15	Guide plate	239 370
3	Floating cam at the left	239 929	16	Light barrier complete	239 362
4	Floating cam at the right	239 930	17	Set screw	239 727
5	Jack slider at the left	239 927	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 928	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 931	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 932	503	Countersunk screw M4x8	235 965
9	Central cam	239 933	504	Hexagon nut M5	020 854
10	Intermediate cam	239 934	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



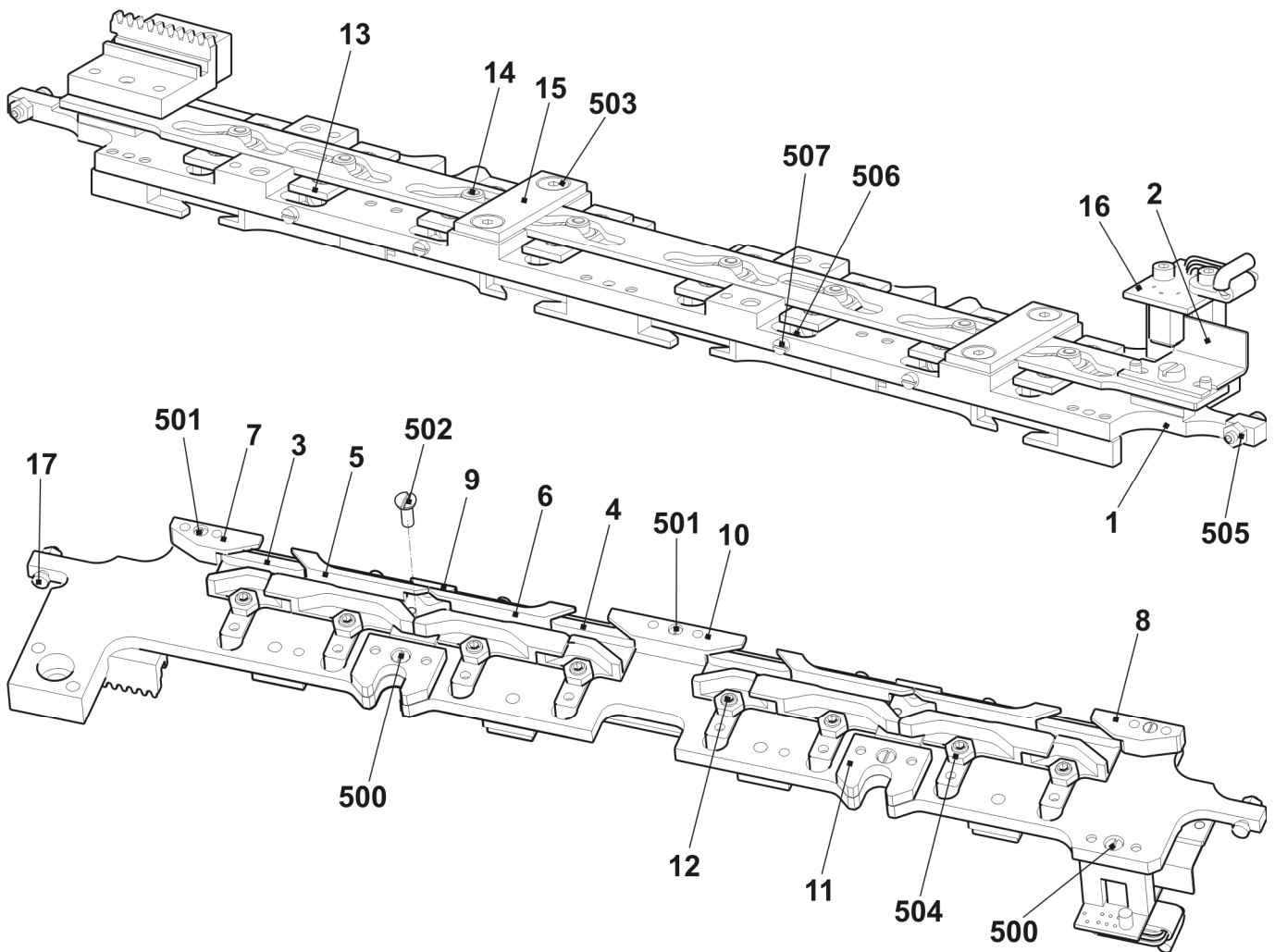
Jack cam box E10 + E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete	239 537	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 421	15	Guide plate	239 370
3	Floating cam at the left	239 790	16	Light barrier complete	239 362
4	Floating cam at the right	239 791	17	Set screw	239 727
5	Jack slider at the left	239 788	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 789	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 770	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 771	503	Countersunk screw M4x8	235 965
9	Central cam	239 772	504	Hexagon nut M5	020 854
10	Intermediate cam	239 704	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



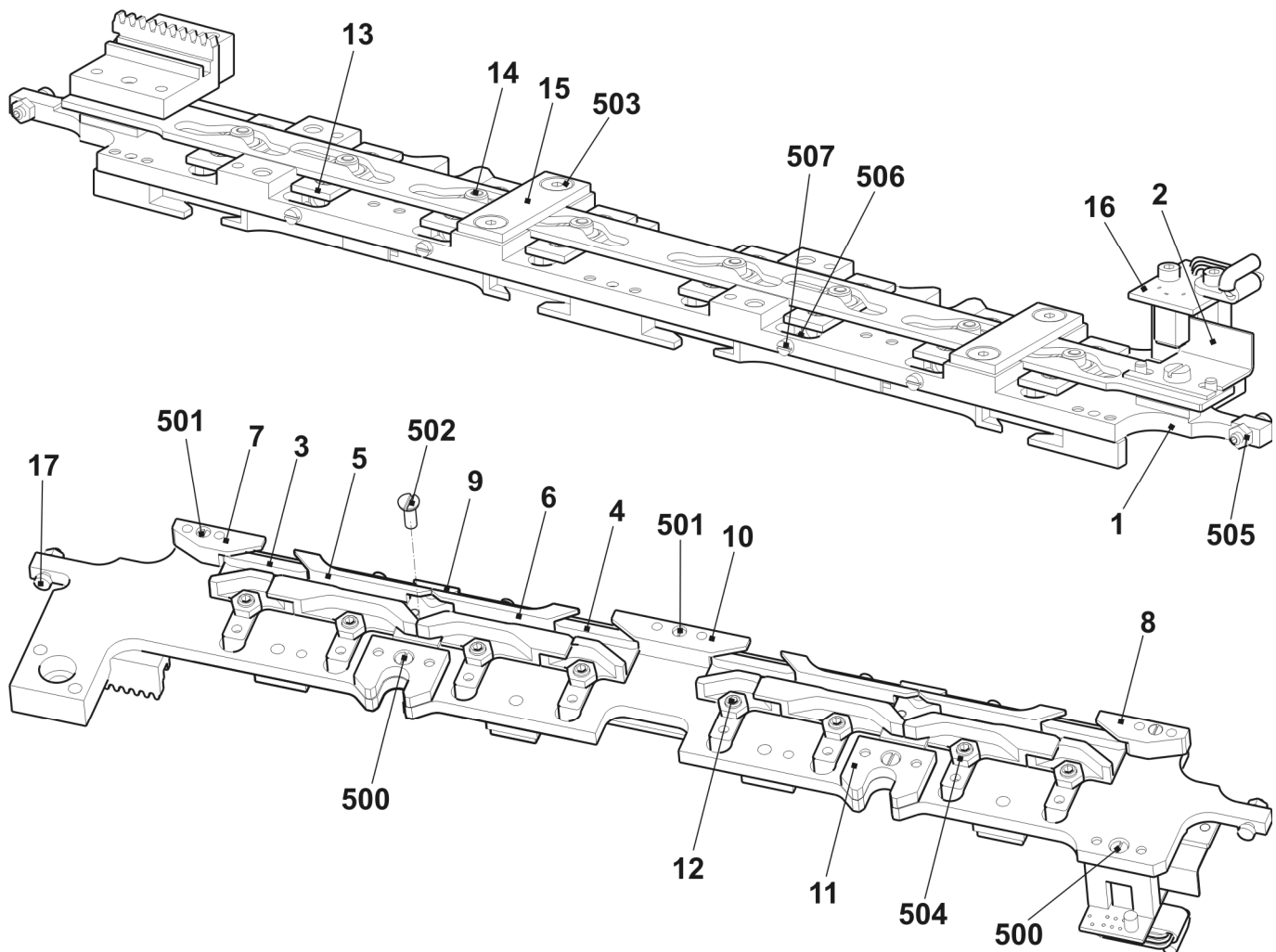
Jack cam box E5.2 k&w + E6.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete	239 833	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 807	15	Guide plate	239 370
3	Floating cam at the left	239 802	16	Light barrier complete	239 362
4	Floating cam at the right	239 803	17	Set screw	239 727
5	Jack slider at the left	239 800	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 801	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 797	502	Countersunk screw M3x6-4.8-I	020 286
8	Entry cam on the right	239 798	503	Countersunk screw M4x8	235 965
9	Central cam	239 796	504	Hexagon nut M5-04-V	020 854
10	Intermediate cam	239 795	505	Hexagon nut M3-6-Ve	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



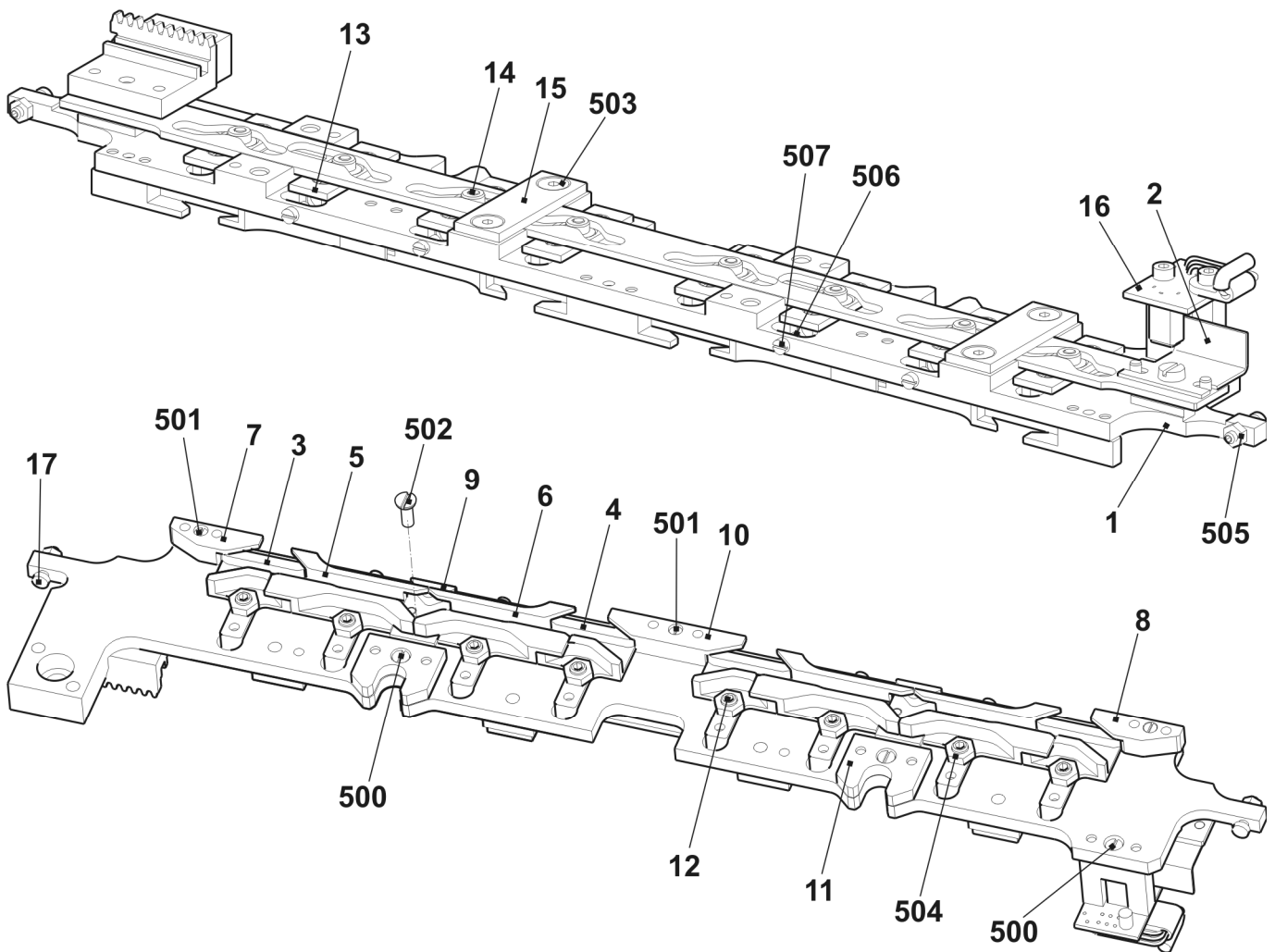
Jack cam box E12 + E14+ E6.2 (12m.10) + E6.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete	239 538	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 415	15	Guide plate	239 370
3	Floating cam at the left	239 465	16	Light barrier complete	239 362
4	Floating cam at the right	239 466	17	Set screw	239 727
5	Jack slider at the left	239 474	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 475	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 459	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 460	503	Countersunk screw M4x8	235 965
9	Central cam	239 463	504	Hexagon nut M5	020 854
10	Intermediate cam	239 705	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



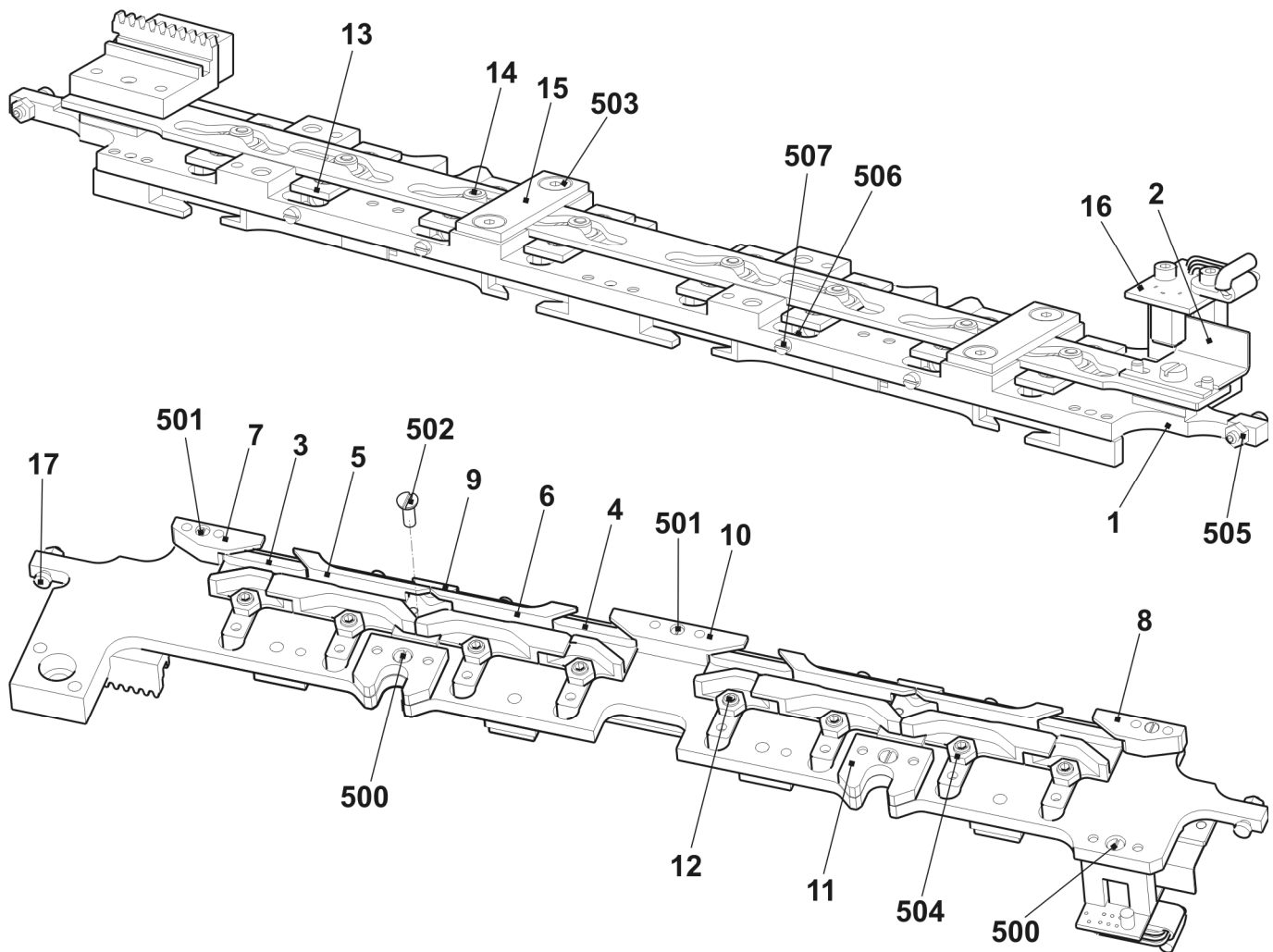
Jack cam box E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete E7.2 k&w	239 832	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 807	15	Guide plate	239 370
3	Floating cam at the left	239 768	16	Light barrier complete	239 362
4	Floating cam at the right	239 769	17	Set screw	239 727
5	Jack slider at the left	239 766	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 767	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 770	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 771	503	Countersunk screw M4x8	235 965
9	Central cam	239 772	504	Hexagon nut M5	020 854
10	Intermediate cam	239 704	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



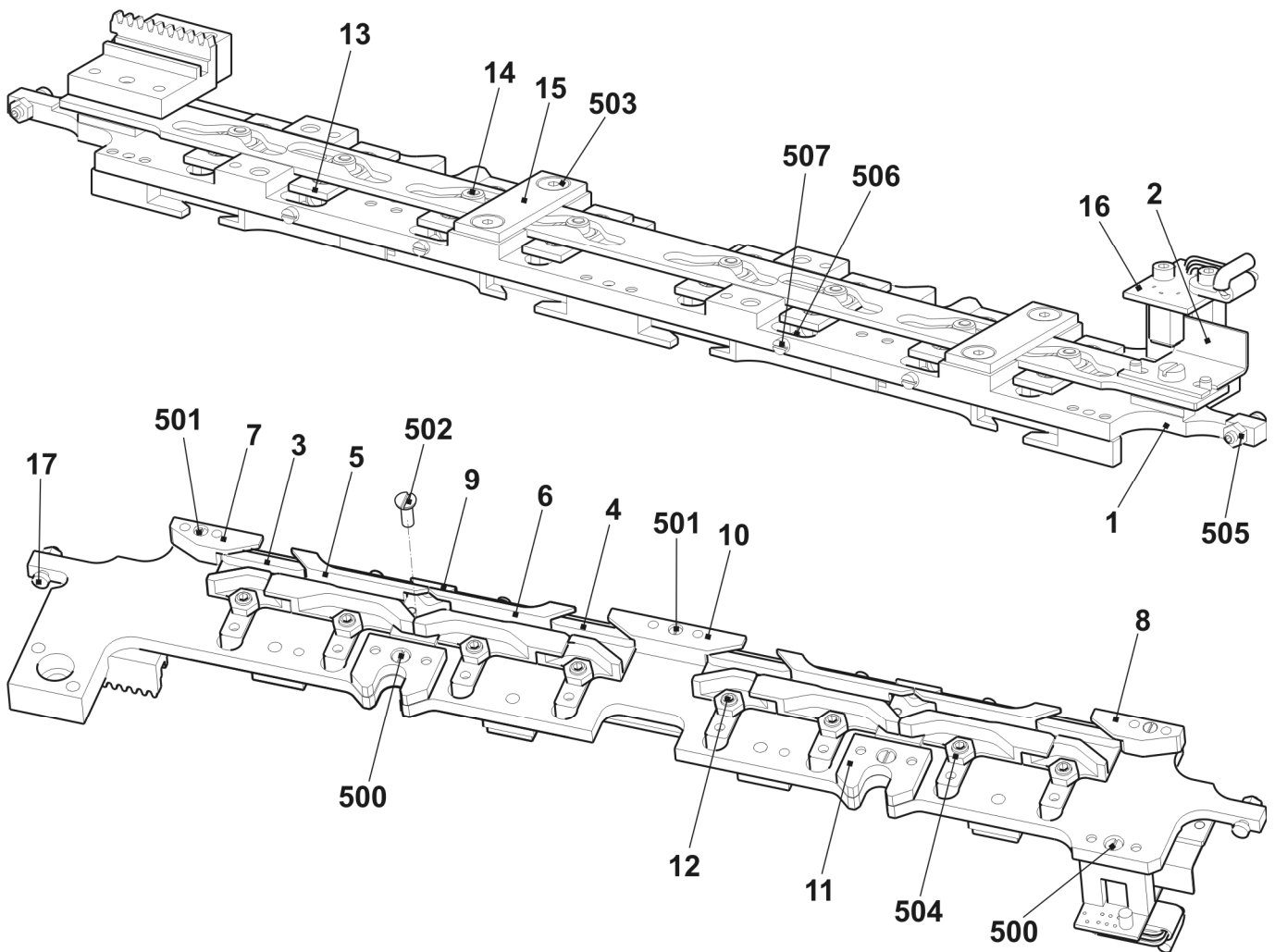
Jack cam box E7.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box E7.2 mg complete	239 976	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 421	15	Guide plate	239 370
3	Floating cam at the left	239 910	16	Light barrier complete	239 362
4	Floating cam at the right	239 911	17	Set screw	239 727
5	Jack slider at the left	239 908	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 909	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 912	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 913	503	Countersunk screw M4x8	235 965
9	Central cam	239 914	504	Hexagon nut M5	020 854
10	Intermediate cam	239 915	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



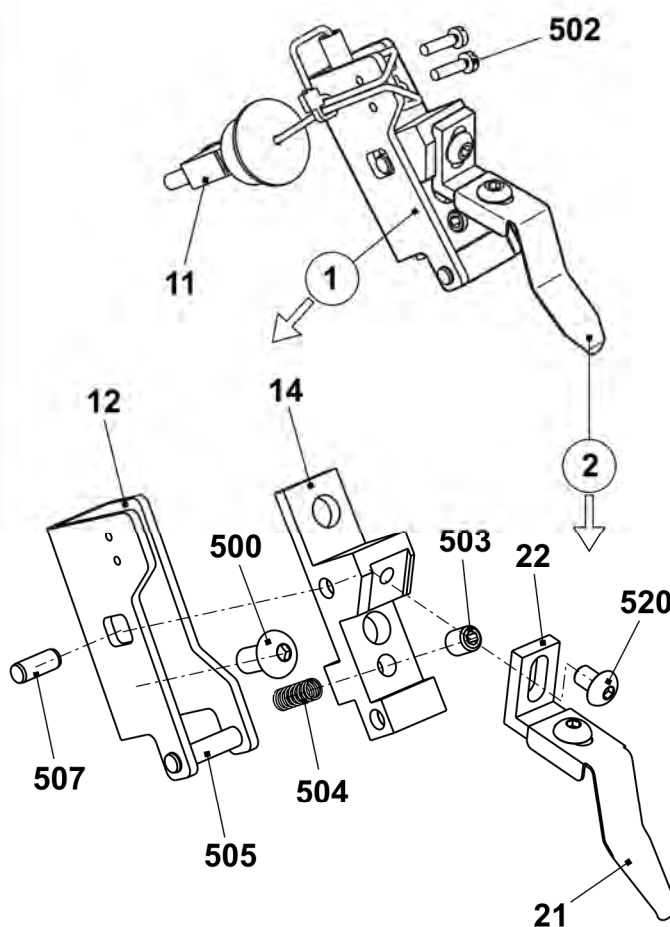
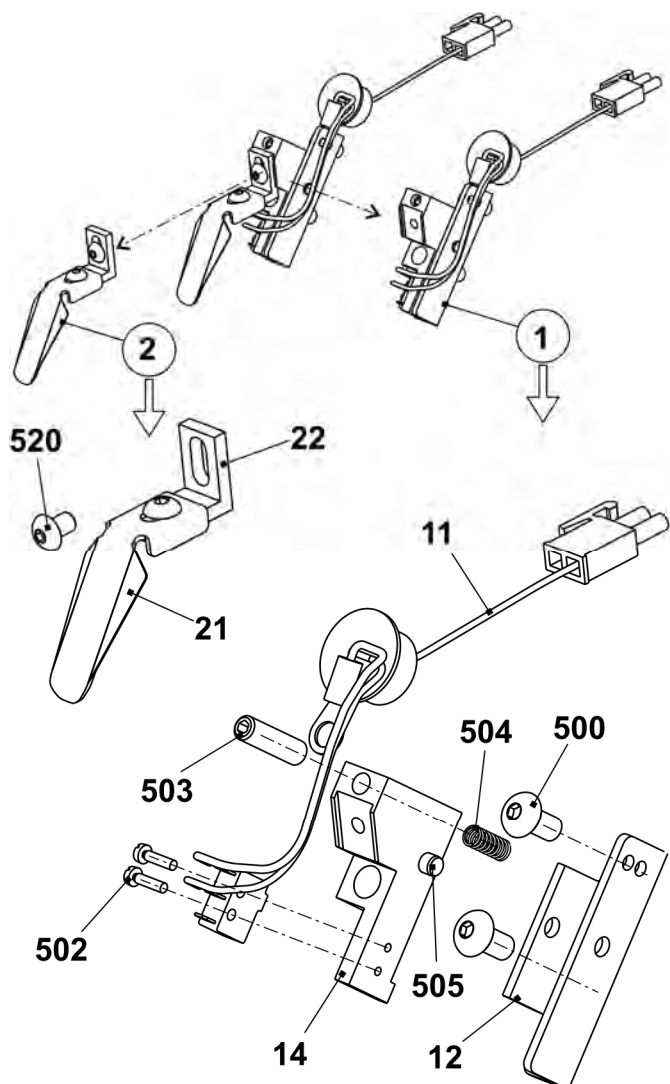
Jack cam box E16 + E18 + E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Jack cam box complete E16	239 424	13	Covering plate	239 349
1	Jack cam box plate	239 374	14	Cap bush	225 855
2	Control slide complete	239 415	15	Guide plate	239 370
3	Floating cam at the left	239 690	16	Light barrier complete	239 362
4	Floating cam at the right	239 691	17	Set screw	239 727
5	Jack slider at the left	239 688	500	Cap screw M3x6	020 005
6	Jack slider at the right	239 689	501	Cap screw M3x8	020 081
7	Entry cam on the left	239 693	502	Countersunk screw M3x6	020 286
8	Entry cam on the right	239 694	503	Countersunk screw M4x8	235 965
9	Central cam	239 696	504	Hexagon nut M5	020 854
10	Intermediate cam	239 695	505	Hexagon nut M3	022 564
11	Intermediate plate	239 423	506	Compression spring 0.4x4x16.6	239 811
12	Eccentric	239 344	507	Cap screw M3x6	023 671



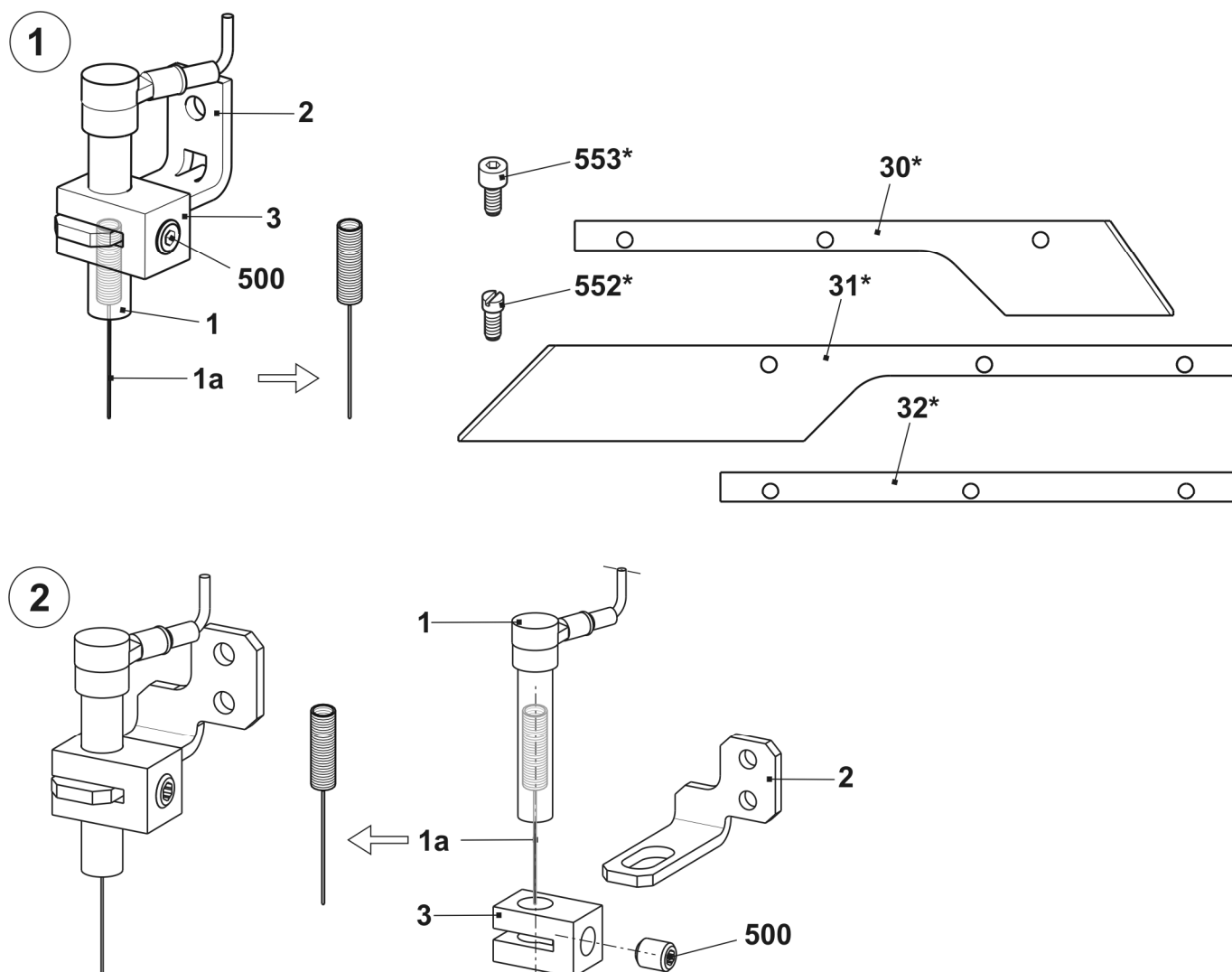
Needle detector

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Needle detector E5 - E14 E2,5.2 - E6.2 + E6.2(12m.10) E5m.4 + E7m.5 + E7m.8 + E8m.7 + E10m.12 + E14/12	221 238	Σ	Needle detector E16 + E18 E8.2 + E9.2	239 321
1	Needle detector pre-assembled	221 773	1	Needle detector pre-assembled E16-18	238 929
500	Countersunk screw M4x6	023 427	500	Countersunk screw M4x6	023 427
11	Needle detector complete	221 207	11	Cable for needle detector complete E16 - E18	239 319
12	Retainer	220 464	12	Retainer E16-20	238 824
14	Switch rocker	220 637	14	Switch rocker E16-20	238 823
500	Countersunk screw M5x10	023 247	500	Countersunk screw M5x10	023 247
502	Cap screw M2x8	022 954	502	Cap screw M2x8	022 954
503	Set screw M6x20-45	023 526	503	Set screw M5x8-45H	022 809
504	Compression spring 4.3x0.45x10	021 398	504	Compression spring 4.3x0.45x10	021 398
505	Dowel pin 4x18	023 525	505	Dowel pin	239 316
			507	Dowel pin	023 753
2	Sensor pre-assembled	221 758	2	Sensor pre-assembled E16-18	239 324
21	Sensor	220 839	21	Sensor E16-20	238 658
22	Angle	221 175	22	Angle	221 175
520	Countersunk screw M4x6	023 427	520	Countersunk screw M4x6	023 427



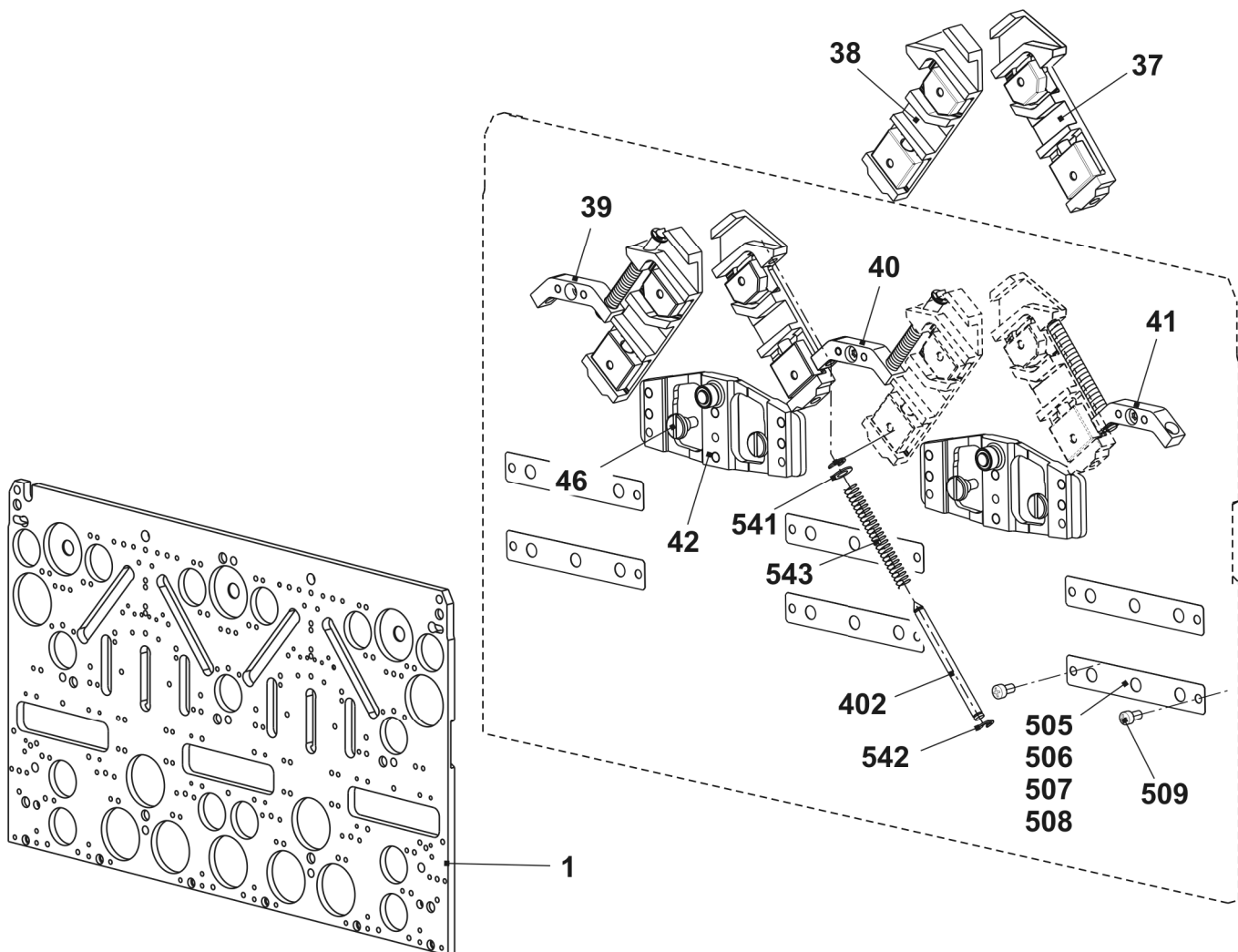
Yarn detector

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ 1	Yarn detector complete	242 800	30*	Covering bar short	242 911
1	Yarn detector	242 798	31*	Covering bar long	242 927
1a	Wire for yarn detector	250 847	32*	Shim	243 223
2	Angle	242 992	552*	Cap screw M3x6	023 671
3	Clamp	212 592	553*	Cap screw M3x6	022 589
500	Set screw M5x6	023 391			
Σ 2	Yarn detector No. 2 complete	244 065			
1	Yarn detector	242 798			
1a	Wire for yarn detector	250 847			
2	Support for yarn detector	243 598			
3	Clamp	212 592			
500	Set screw M5x6	023 391			



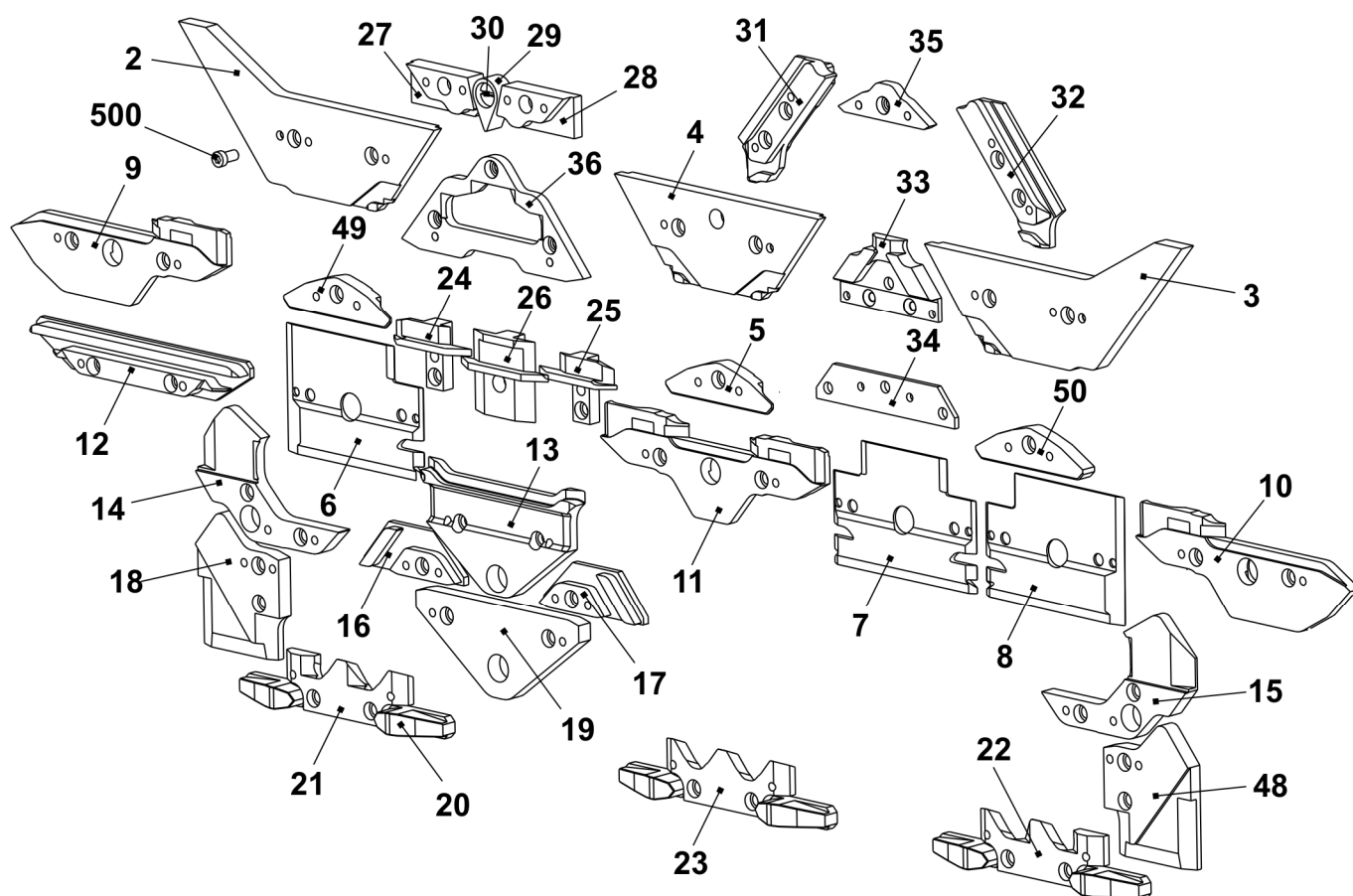
Cam box E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E5	244 239	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



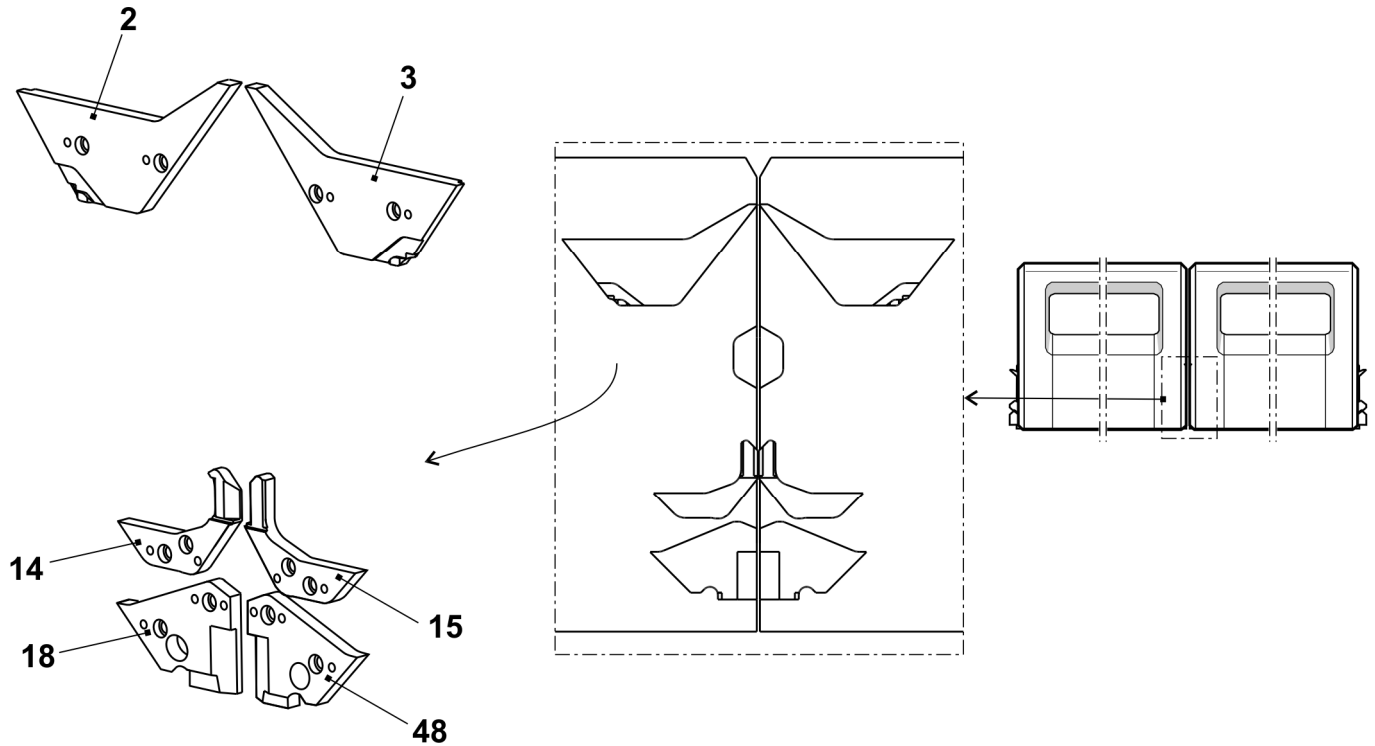
Cams E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	23	Selector cam	212 946
3	Entry cam on the right	213 303	24	Pressure cam take-over left	239 848
4	Entry cam at the top	210 285	25	Pressure cam take-over right	239 849
5	Entry cam in the middle bottom E2,5.2 + E3,5.2 + E5 + E5.2	235 719	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam on the left E5	210 289
7	Plate in the middle	231 035	28	Limit cam on the right E5	210 290
8	Plate on the right	231 036	29	Pointer E2,5.2 + E3,5.2	229 505
9	Cam on the left	231 039	30	Screw	210 335
10	Cam on the right	231 041	31	Stitch cam on the left E2,5.2 + E3,5.2 + E5 + E5.2	235 712
11	Cam in the middle	231 040	32	Stitch cam on the right E2,5.2 + E3,5.2 + E5 + E5.2	235 713
12	Cam	227 923	33	Tuck limit cam E5	214 051
13	Cam	210 254	34	Raising cam plate E4-12	204 372
14	Cam on the left E5-14	212 265	35	Receiving cam E5	210 386
15	Cam on the right E5-14	212 266	36	Raising cam part without split E5	213 302
16	Cam on the left	236 192		Raising cam part for split E5	213 924
17	Cam on the right	236 193		Accessory	
18	Cam on the left E5-14	212 274	48	Cam on the right E5-14	212 275
19	Cam	210 252	49	Entry cam at the bottom on the left	235 718
20	Offering cam	210 185	50	Entry cam at the bottom on the right	235 720
21	Selector cam on the left	212 944	51	Shoulder screw	239 626
22	Selector cam on the right	212 947	500	Cap screw M4x8	020 091



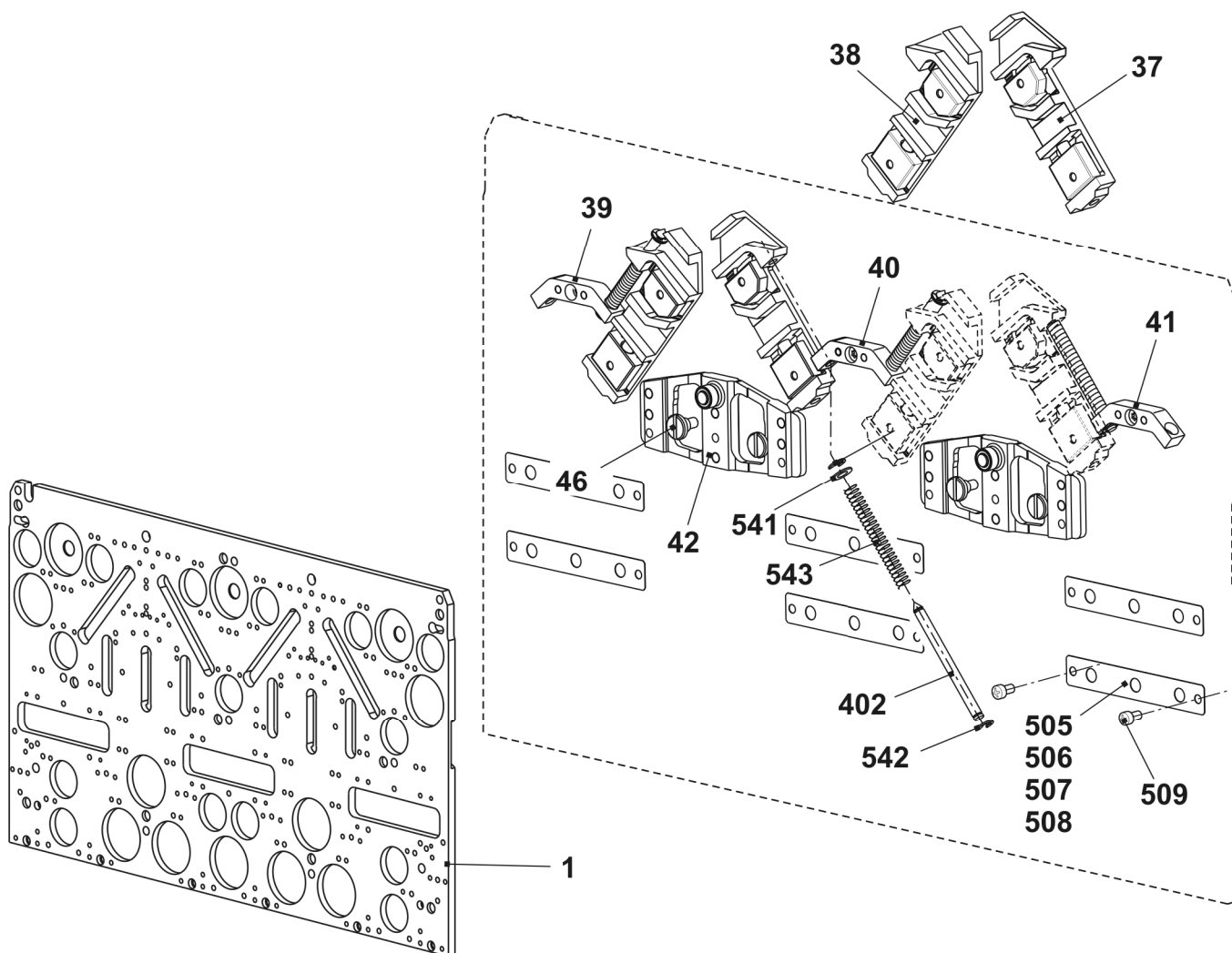
Cams for narrow coupling E5 + E5m.4 + E7m.5 + E2,5.2 k&w + E2,5.2 mg + E3,5.2 k&w + E3,5.2 mg + E5.2 k&w + E5.2 mg + E7 + E8 + E7m.8 + E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the right E5-14	216 220	3	Entry cam on the left E5-14	216 221
14	Cam on the right E5-14	216 168	15	Cam on the left E5-14	216 167
18	Cam on the right	216 166	48	Cam on the left	216 165



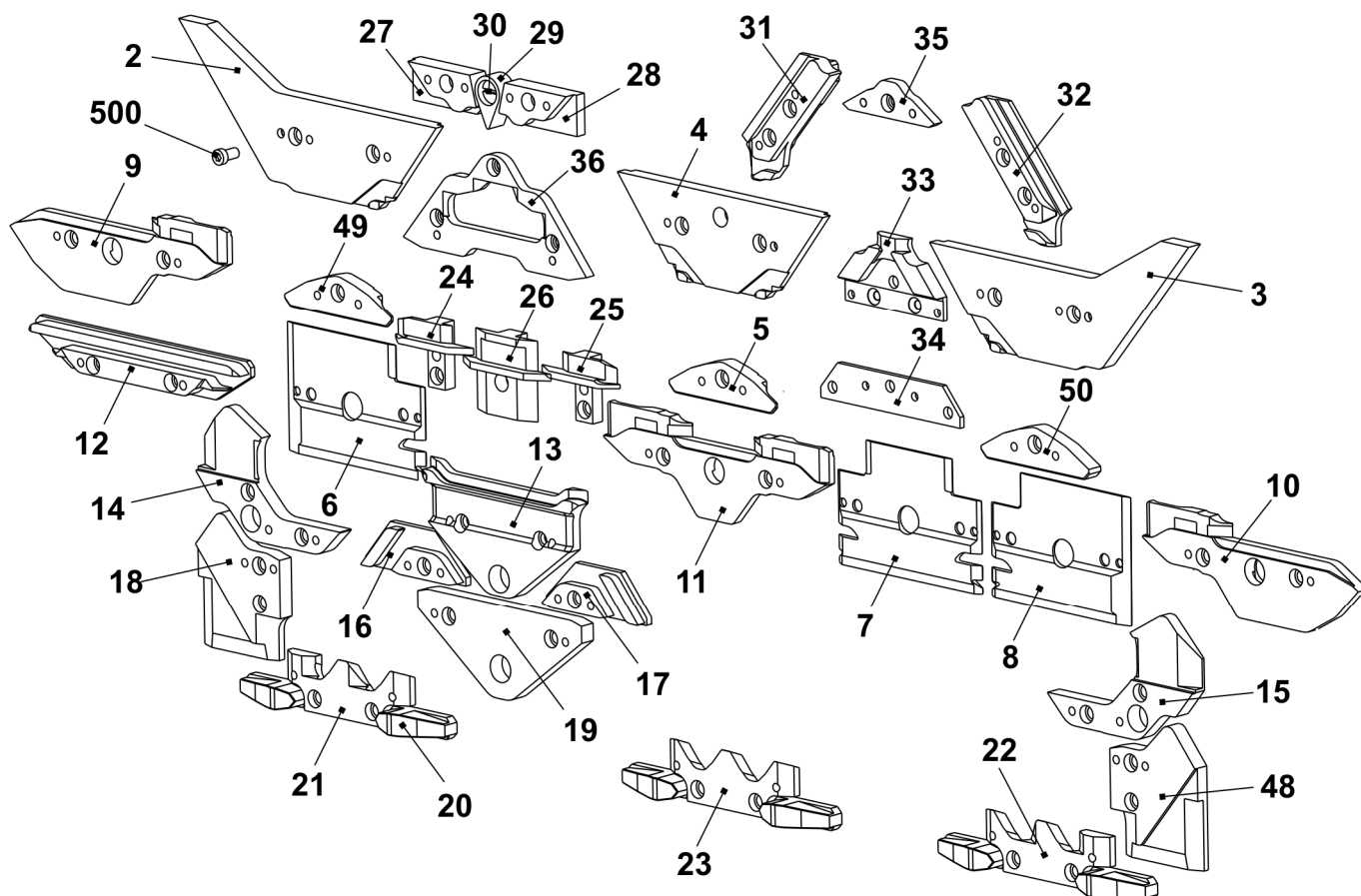
Cam box E7 + E8 + E7m.8 + E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E7- E8	244 389	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



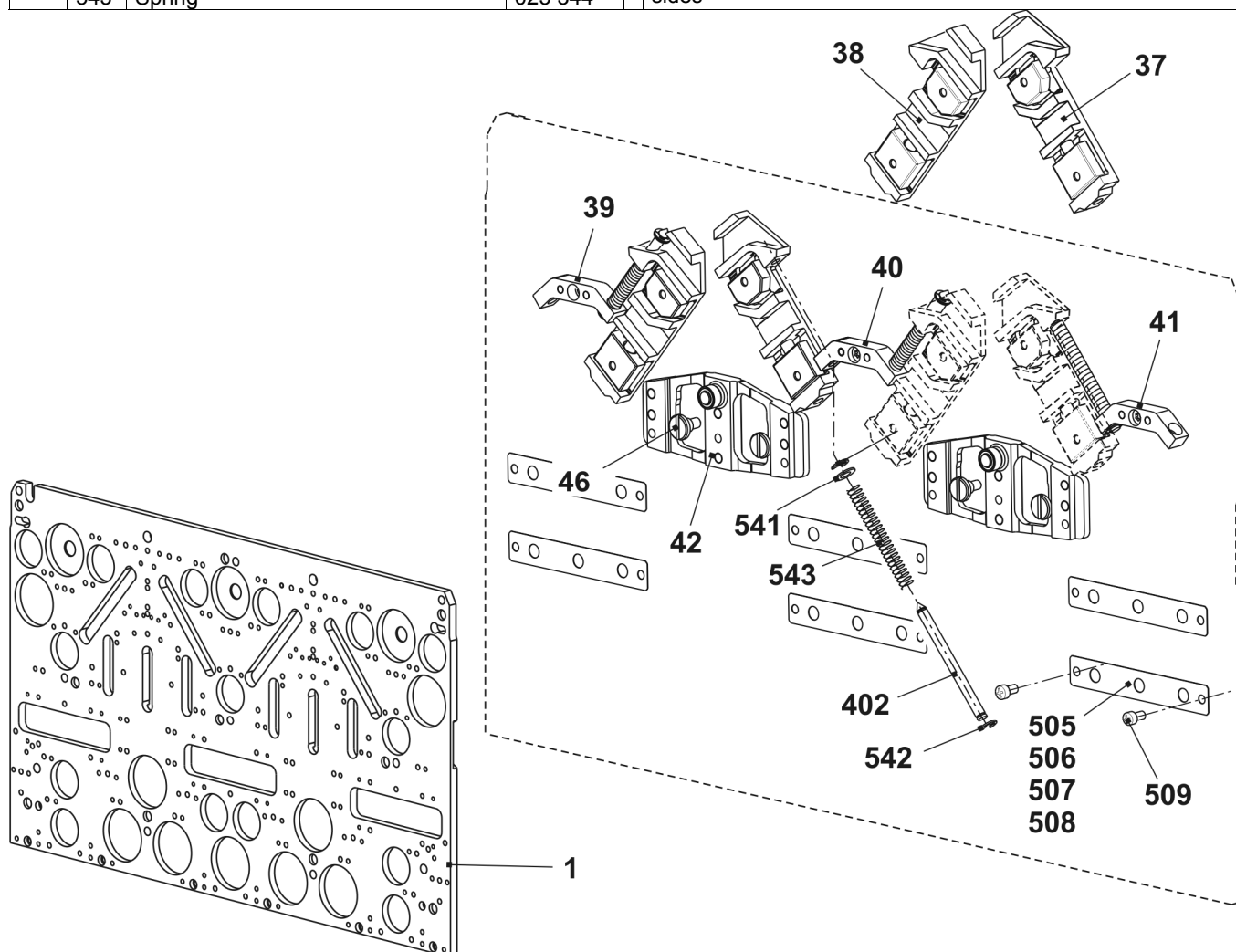
Cams E7 + E8 + E7m.8 + E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	23	Selector cam	212 946
3	Entry cam on the right	213 303	24	Pressure cam take-over left	239 848
4	Entry cam at the top	210 285	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E5-8	212 395	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam on the left E7-8	210 291
7	Plate in the middle	231 035	28	Limit cam on the right E7-8	210 292
8	Plate on the right	231 036	29	Pointer E5-8	210 336
9	Cam on the left	231 039	30	Screw	210 335
10	Cam on the right	231 041	31	Stitch cam on the left E7-8	210 324
11	Cam in the middle	231 040	32	Stitch cam on the right E7-8	210 323
12	Cam	227 923	33	Tuck limit cam E7-8	214 052
13	Cam	210 254	34	Raising cam plate E4-12	204 372
14	Cam on the left E5-14	212 265	35	Receiving cam E7-8	210 339
15	Cam on the right E5-14	212 266	36	Raising cam part without split E7-8	213 297
16	Cam on the left	236 192		Raising cam part for split E7-8	213 301
17	Cam on the right	236 193		Accessory	
18	Cam on the left E5-14	212 274	48	Cam on the right E5-14	212 275
19	Cam	210 252	49	Entry cam on the left	213 161
20	Offering cam	210 185	50	Entry cam on the right	213 162
21	Selector cam on the left	212 944	500	Cap screw M4x8	020 091
22	Selector cam on the right	212 947			



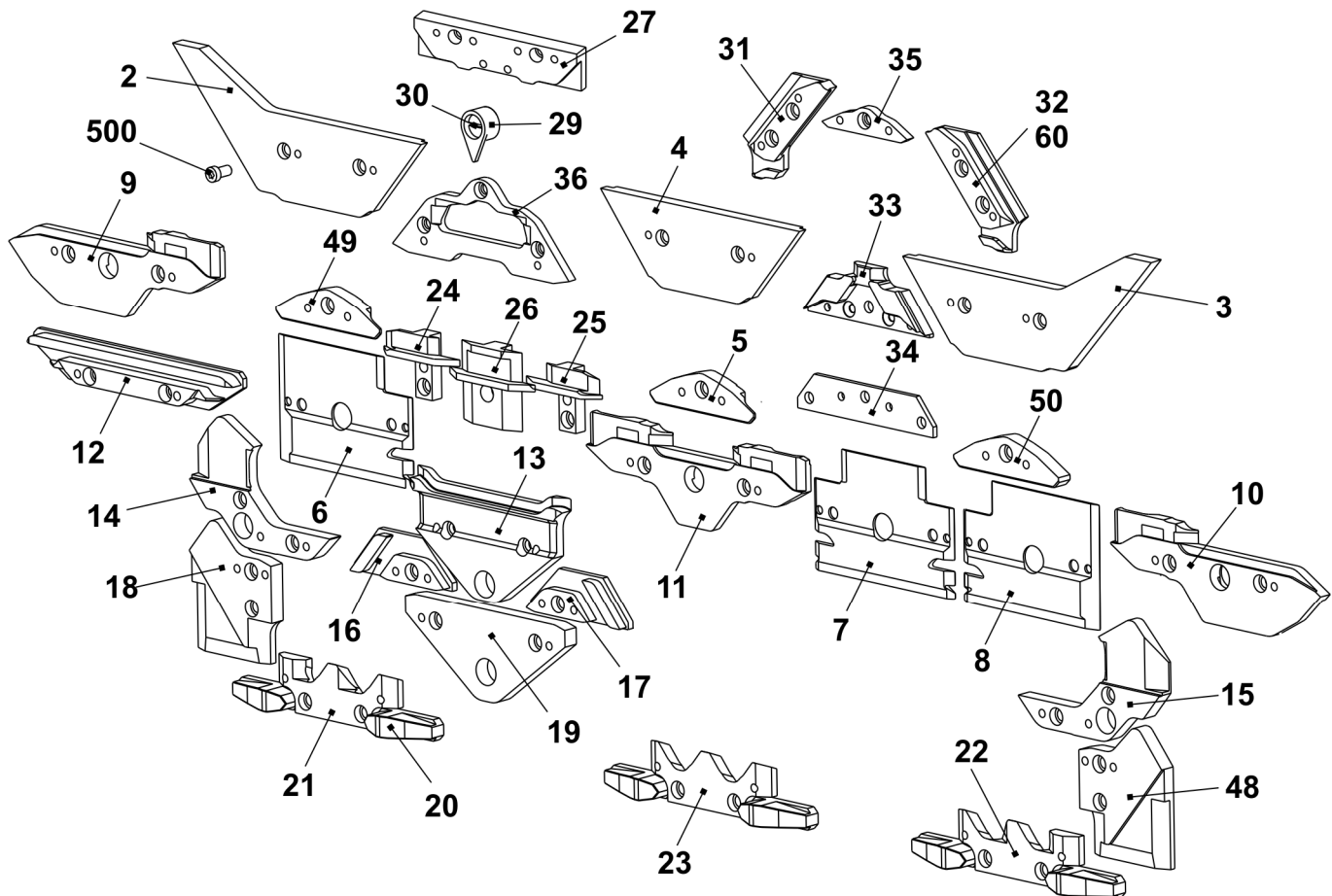
Cam box E10

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E10	244 382	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



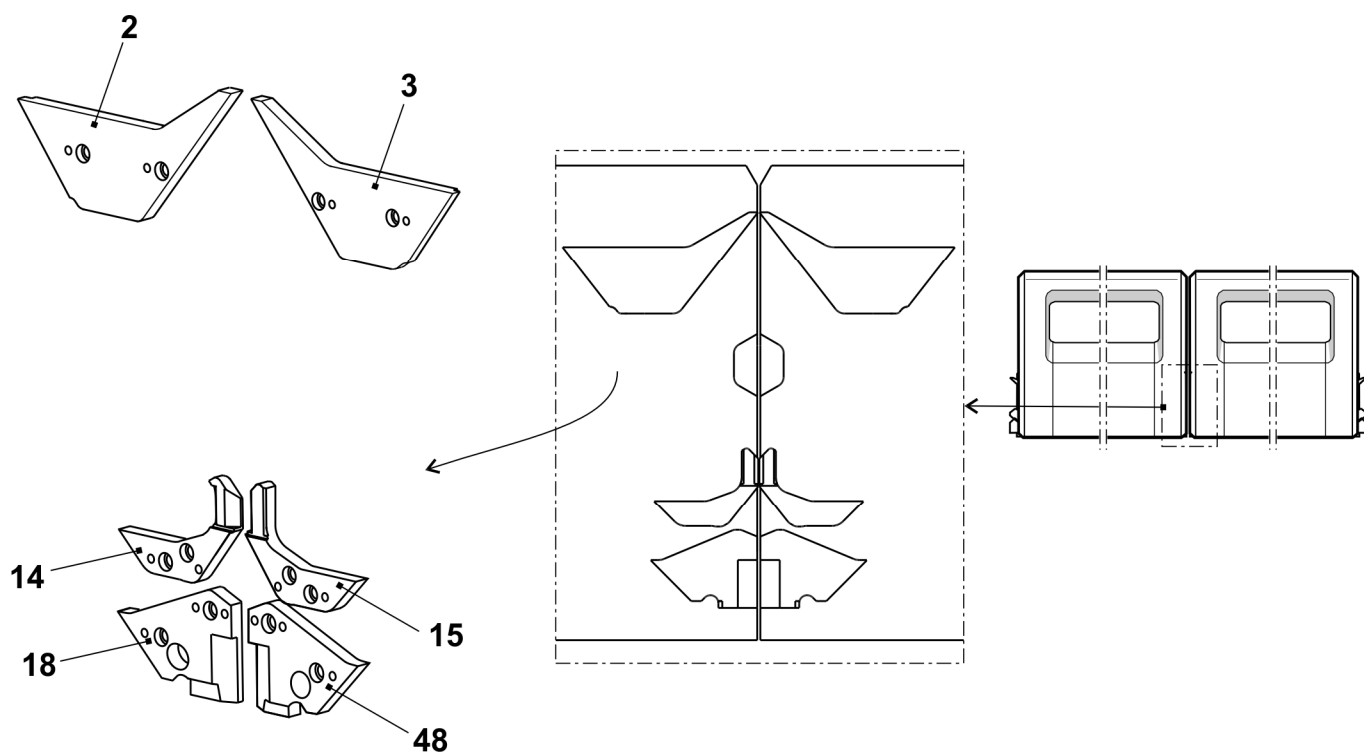
Cams E10

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2 (at the front)	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



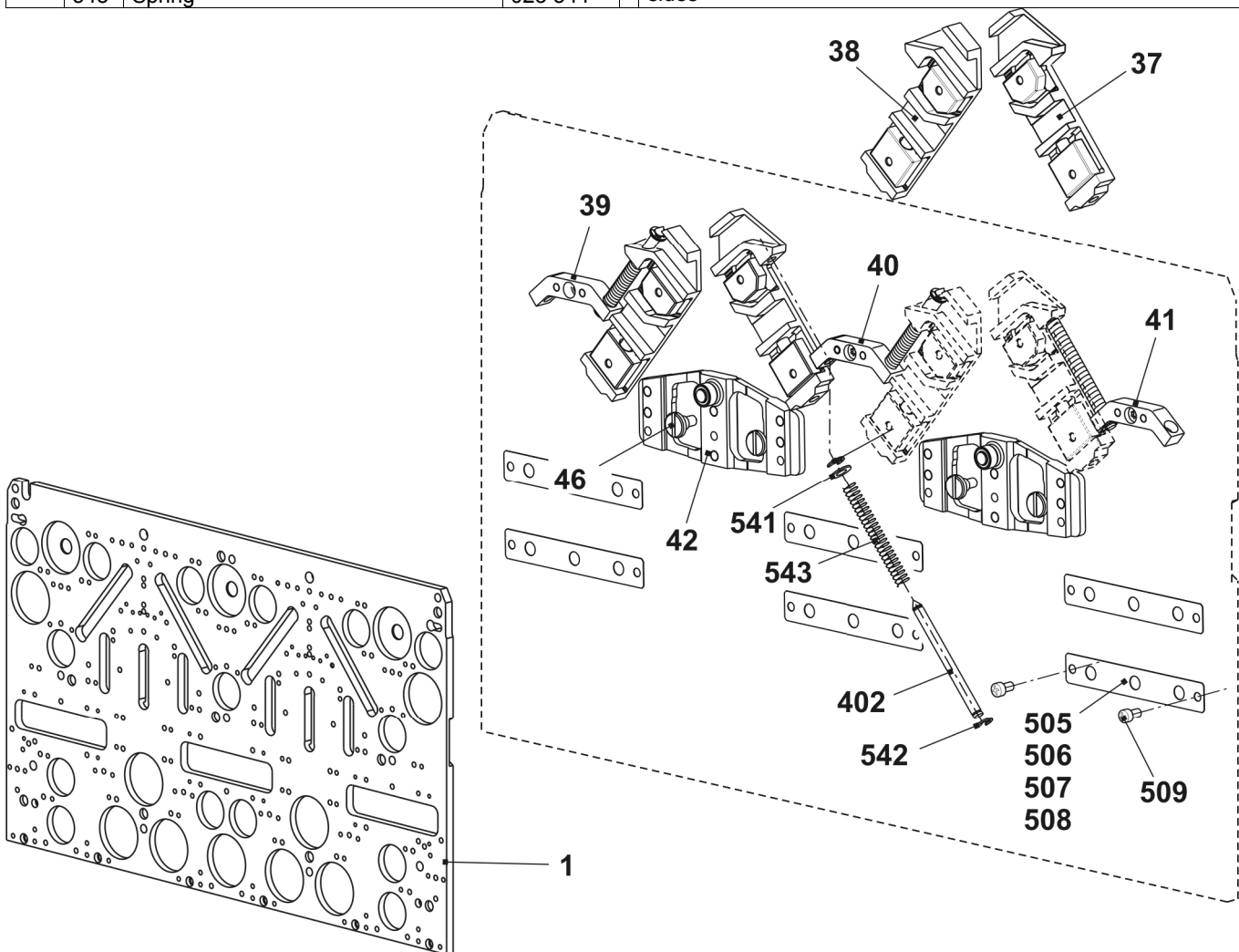
Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the right	243 858	3	Entry cam on the left	243 857
14	Cam on the right E5-14	216 168	15	Cam on the left E5-14	216 167
18	Cam on the right	216 166	48	Cam on the left	216 165



Cam box E10m.12

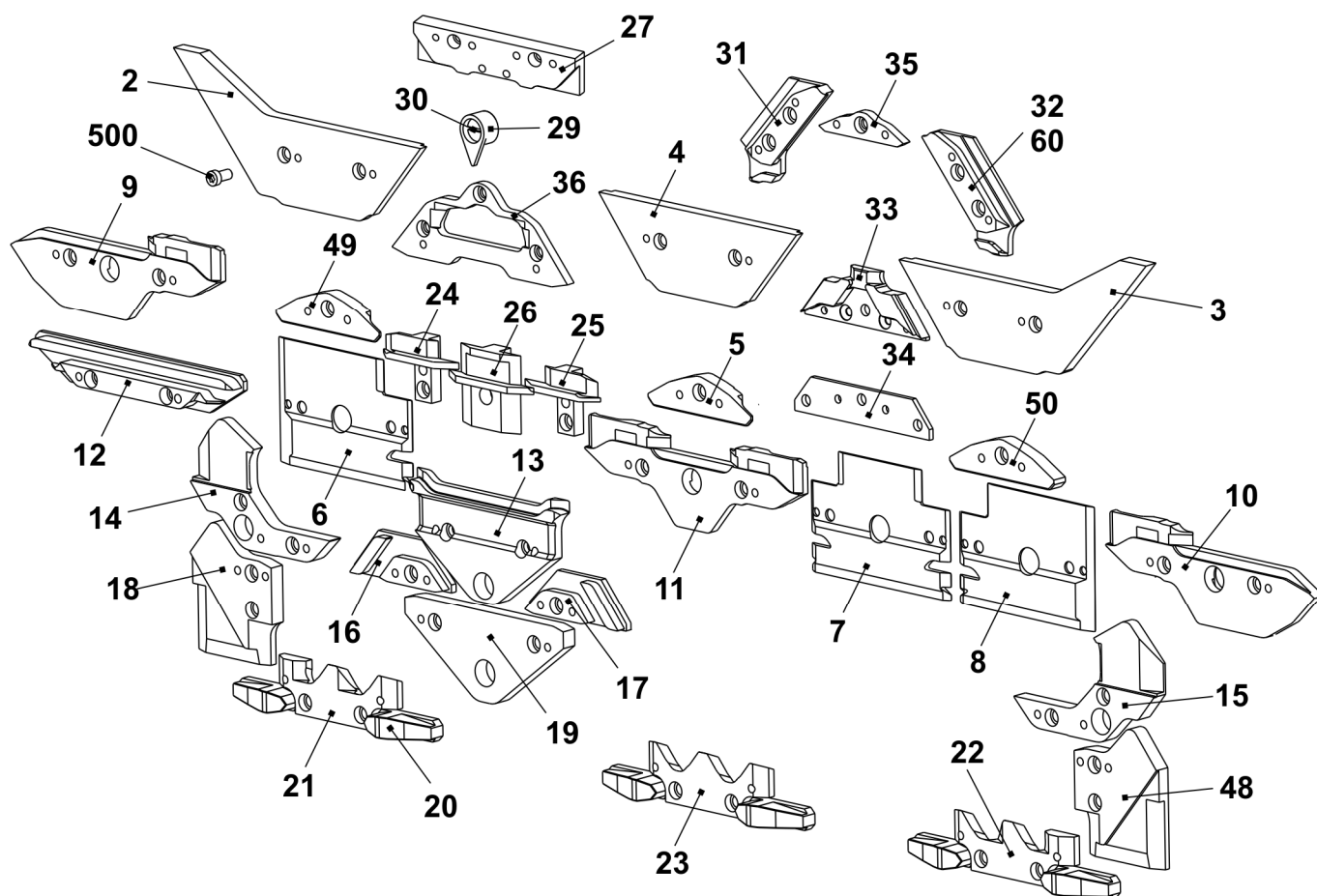
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E10m.12	244 392	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



 Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg [→ 107]

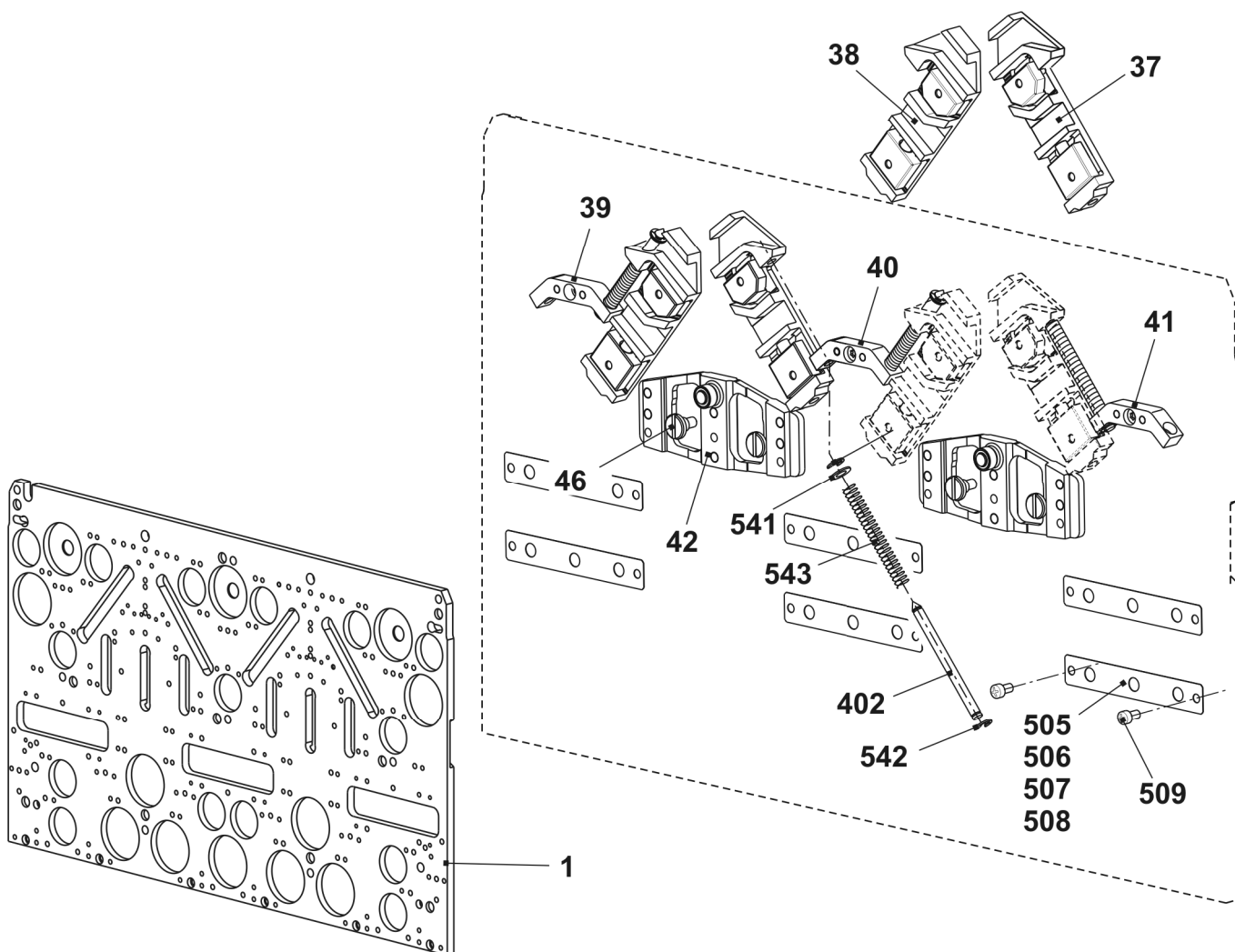
Cams E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E12	236 403
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



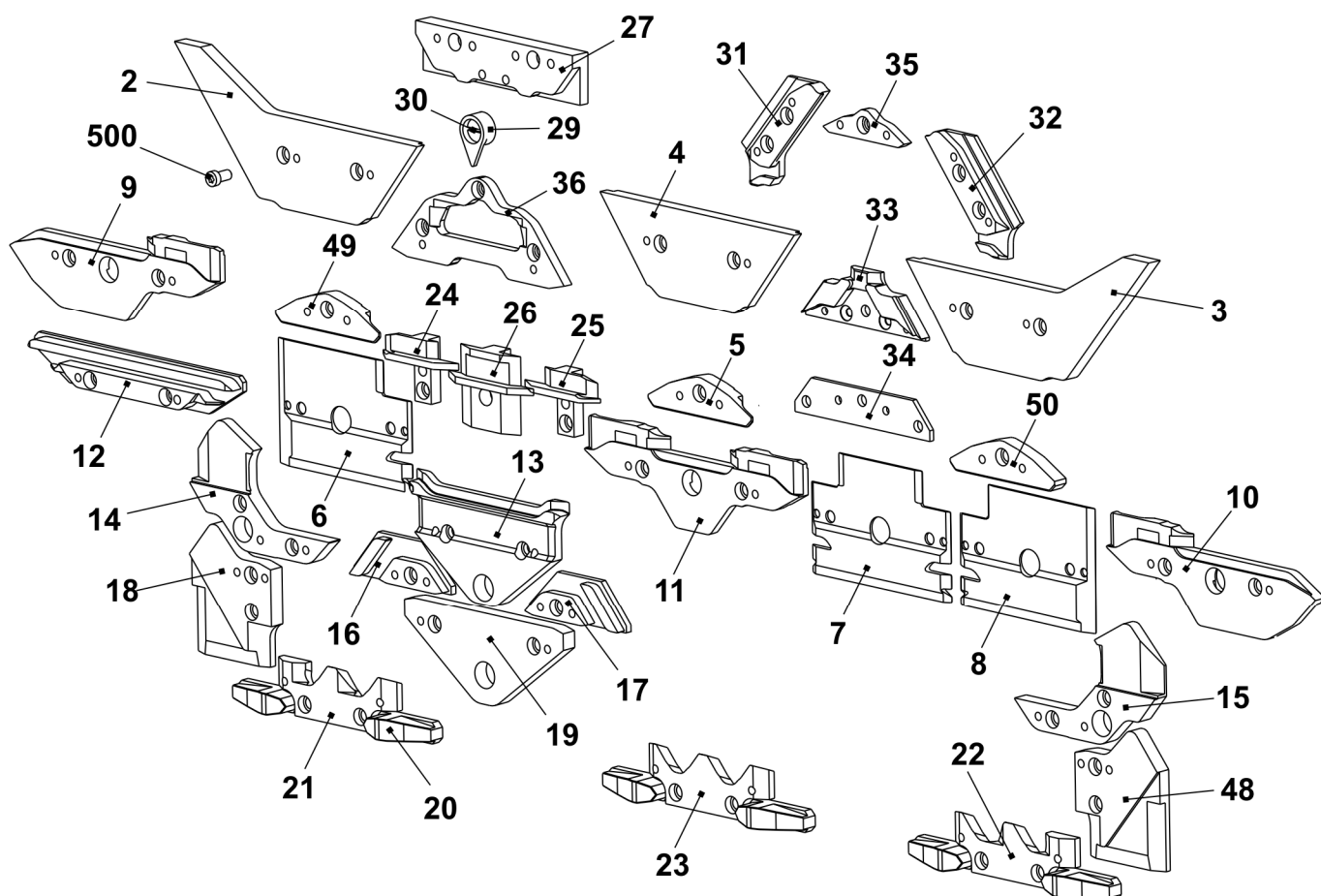
Cam box E6.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E6.2 k&w	243 403	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



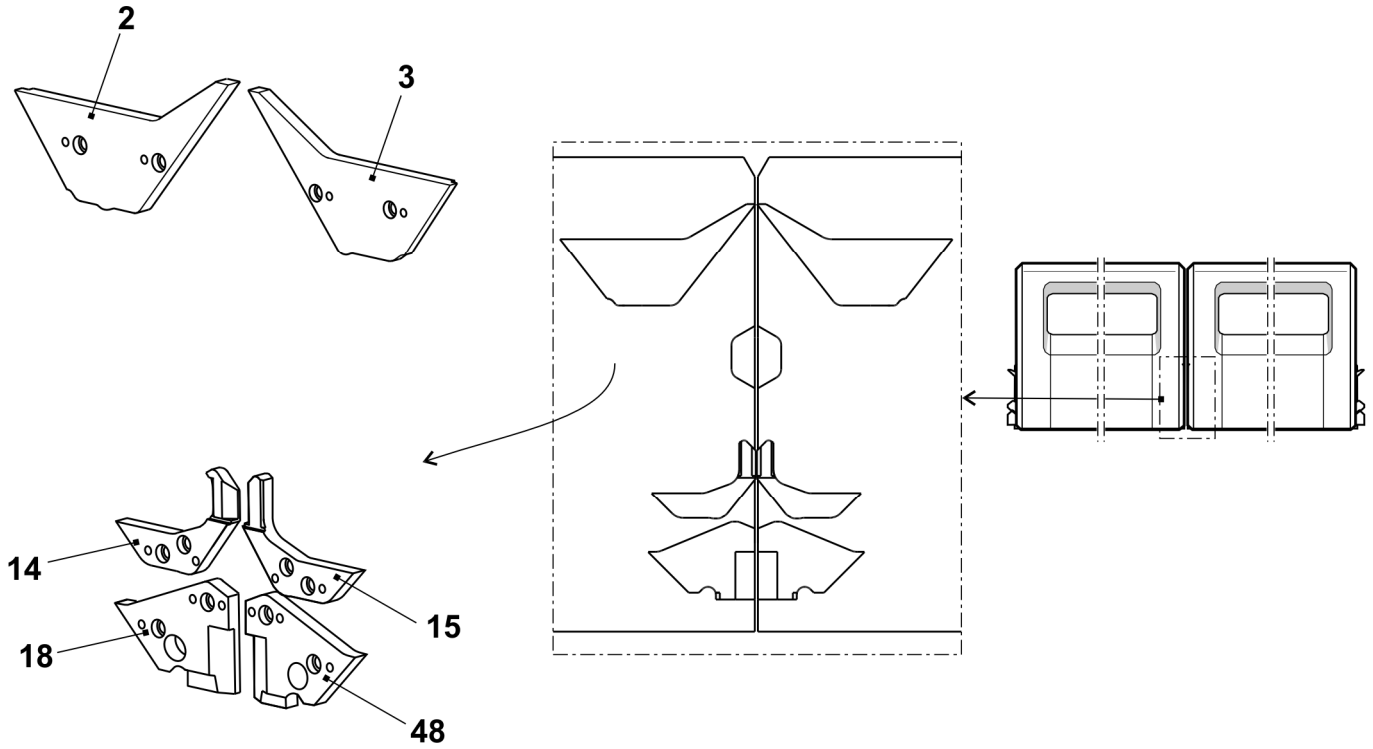
Cams E6.2 k&w + E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left E6.2 + E7.2 + E9.2	243 870	23	Selector cam	212 946
3	Entry cam on the right E6.2 + E7.2 + E9.2	243 872	24	Pressure cam take-over left	239 848
4	Entry cam in the middle E6.2 + E7.2 + E9.2	243 871	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E5 - E8	212 395	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E6.2	218 306
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E6.2	236 392
10	Cam on the right	231 041	32	Stitch cam on the right E6.2	236 393
11	Cam in the middle	231 040	33	Tuck limit cam E6.2	236 429
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E6.2	236 943
14	Cam on the left E5 - E14	212 265	36	Raising cam part without split E6.2	236 766
15	Cam on the right E5 - E14	212 266		Raising cam part for split E6.2	237 948
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5 - E14	212 274	49	Entry cam on the left E5-8	213 161
19	Cam	210 252	50	Entry cam on the right E5-8	213 162
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



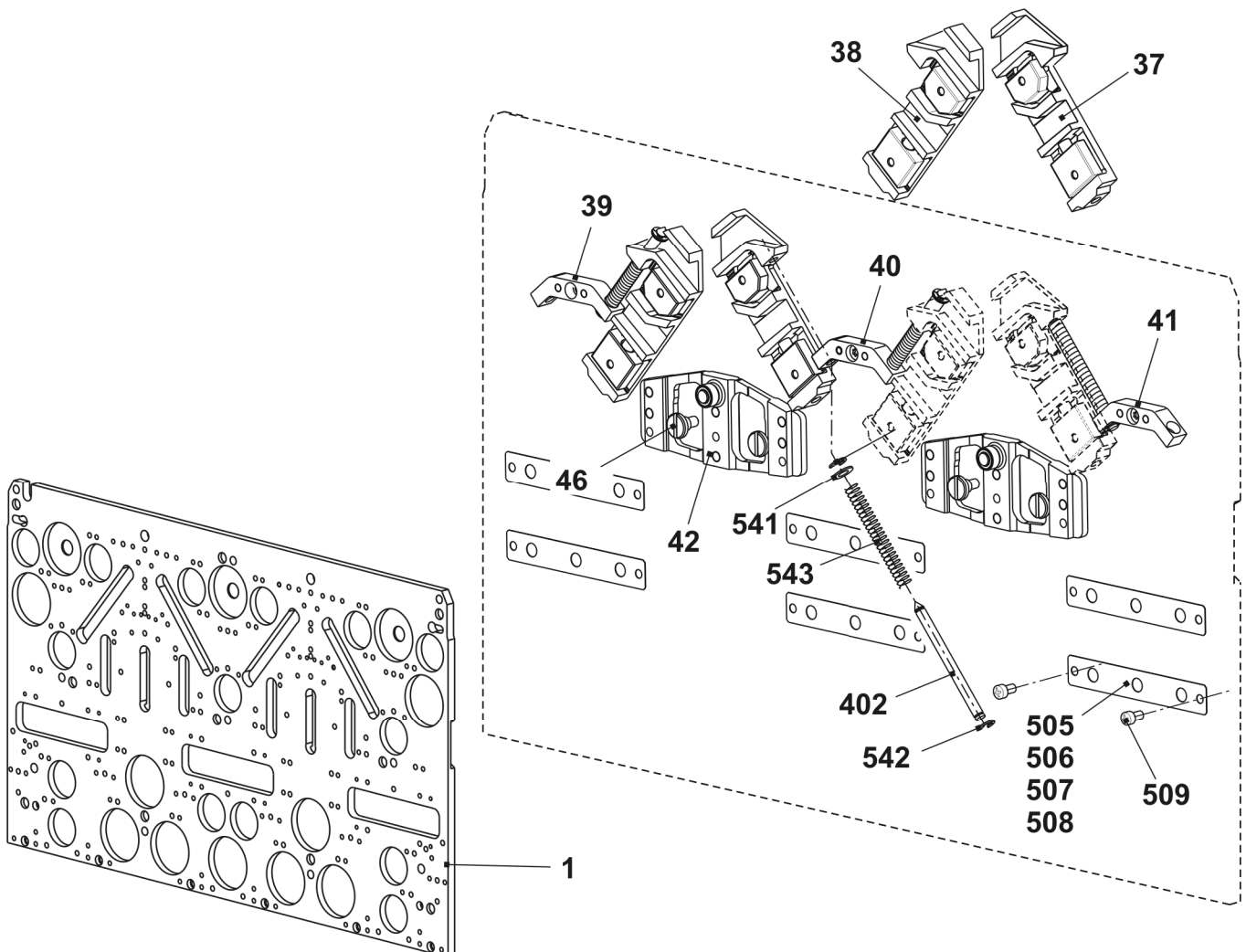
Cams for narrow coupling E6.2 k&w + E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the right E6.2+7.2+9.2	243 878	3	Entry cam on the left E6.2+7.2+9.2	243 877
14	Cam on the right E5-14	216 168	15	Cam on the left E5-14	216 167
18	Cam on the right	216 166	48	Cam on the left	216 165



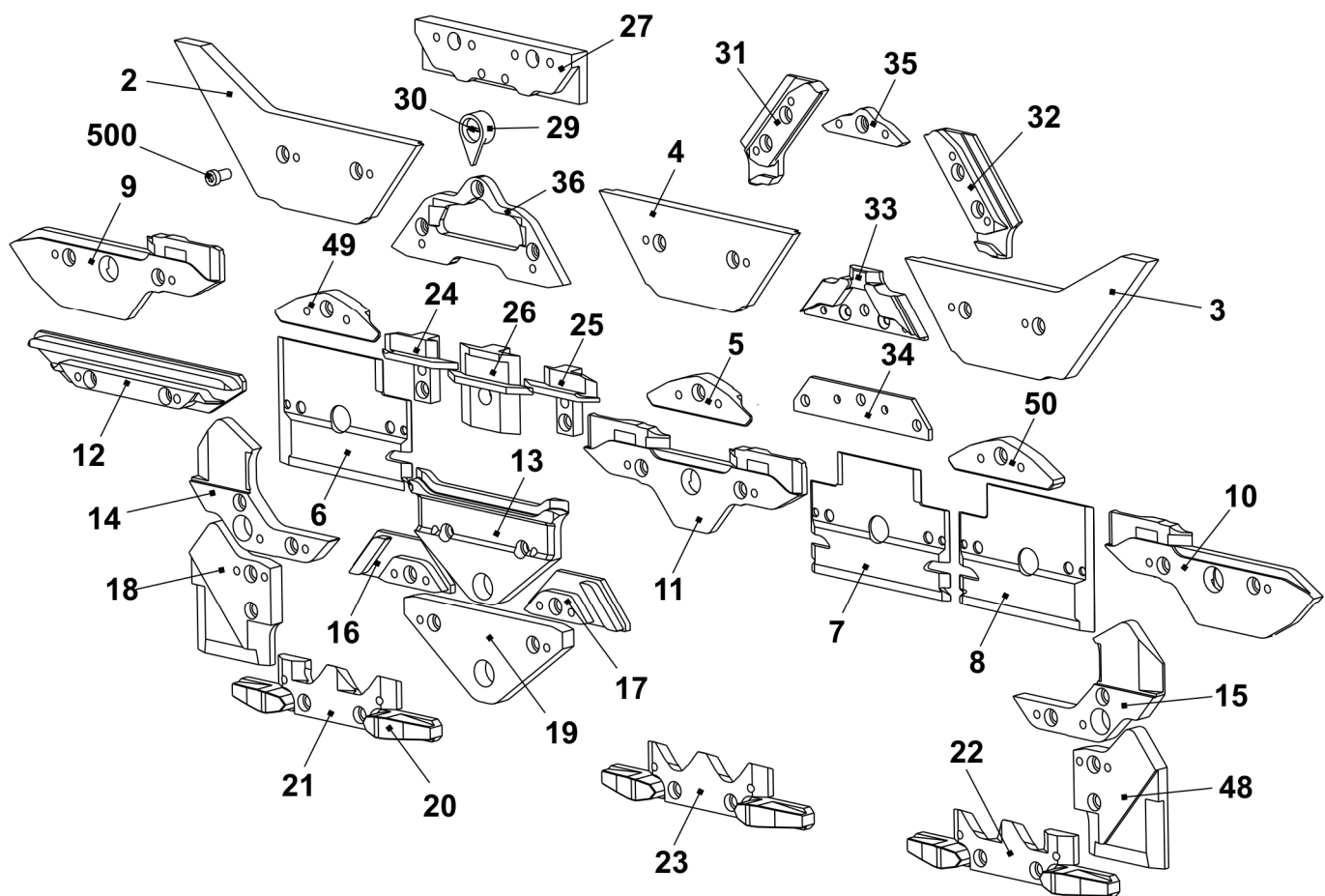
Cam box E6.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E6.2 mg	242 275	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



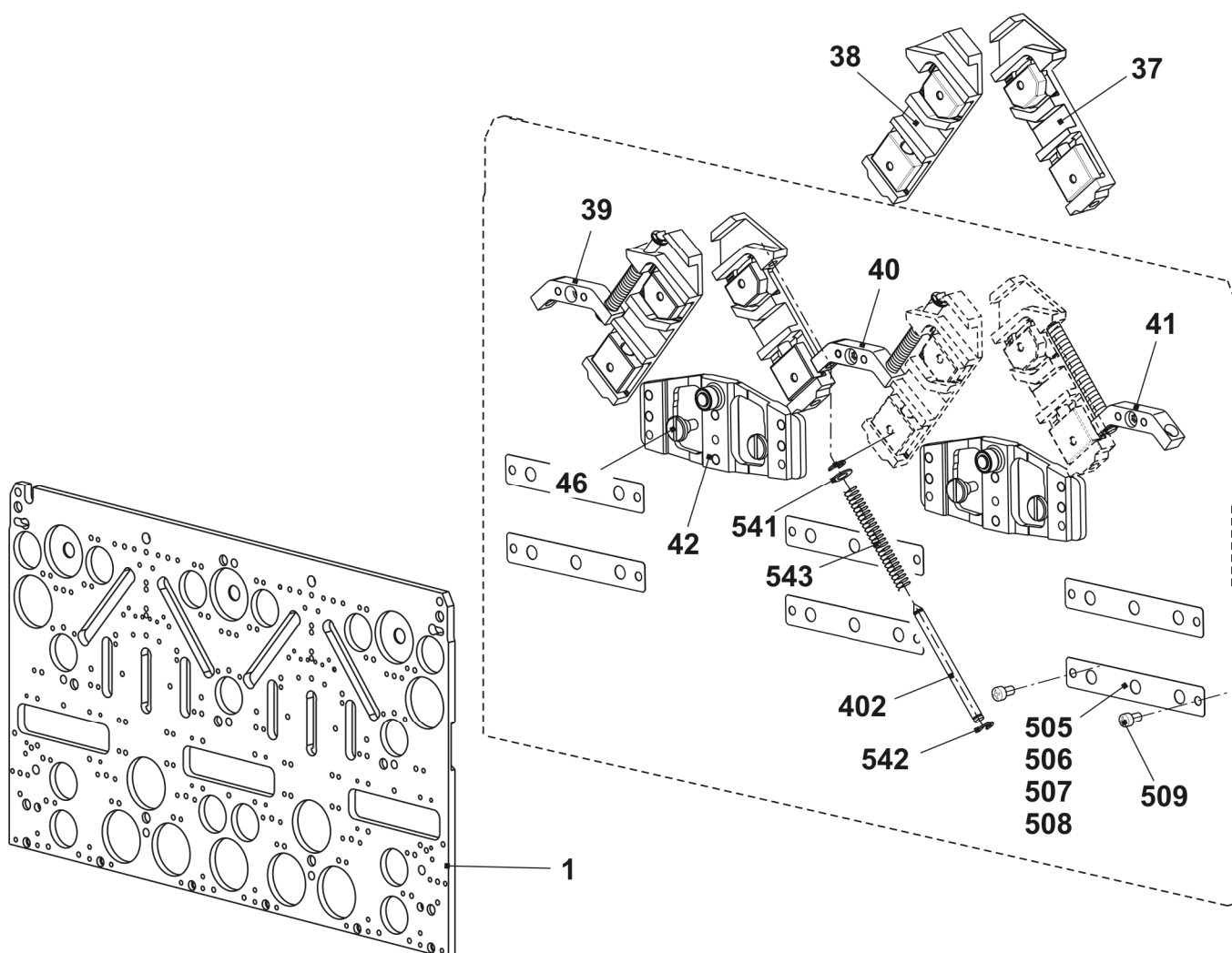
Cams E6.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E6.2	218 306
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E6.2	236 392
10	Cam on the right	231 041	32	Stitch cam on the right E6.2	236 393
11	Cam in the middle	231 040	33	Tuck limit cam E6.2	236 429
12	Cam	227 923	34	Raising cam plate E4 - E12	204 372
13	Cam	210 254	35	Receiving cam E6.2	236 943
14	Cam on the left E5 - E14	212 265	36	Knitting raising cam E6.2 without split	236 766
15	Cam on the right E5 - E14	212 266		Knitting raising cam with split E6.2	237 948
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5 - E14	212 274	49	Entry cam on the left -1.5 E10 - E14	216 329
19	Cam	210 252	50	Entry cam on the right -1.5 E10 - E14	216 330
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



Cam box E12

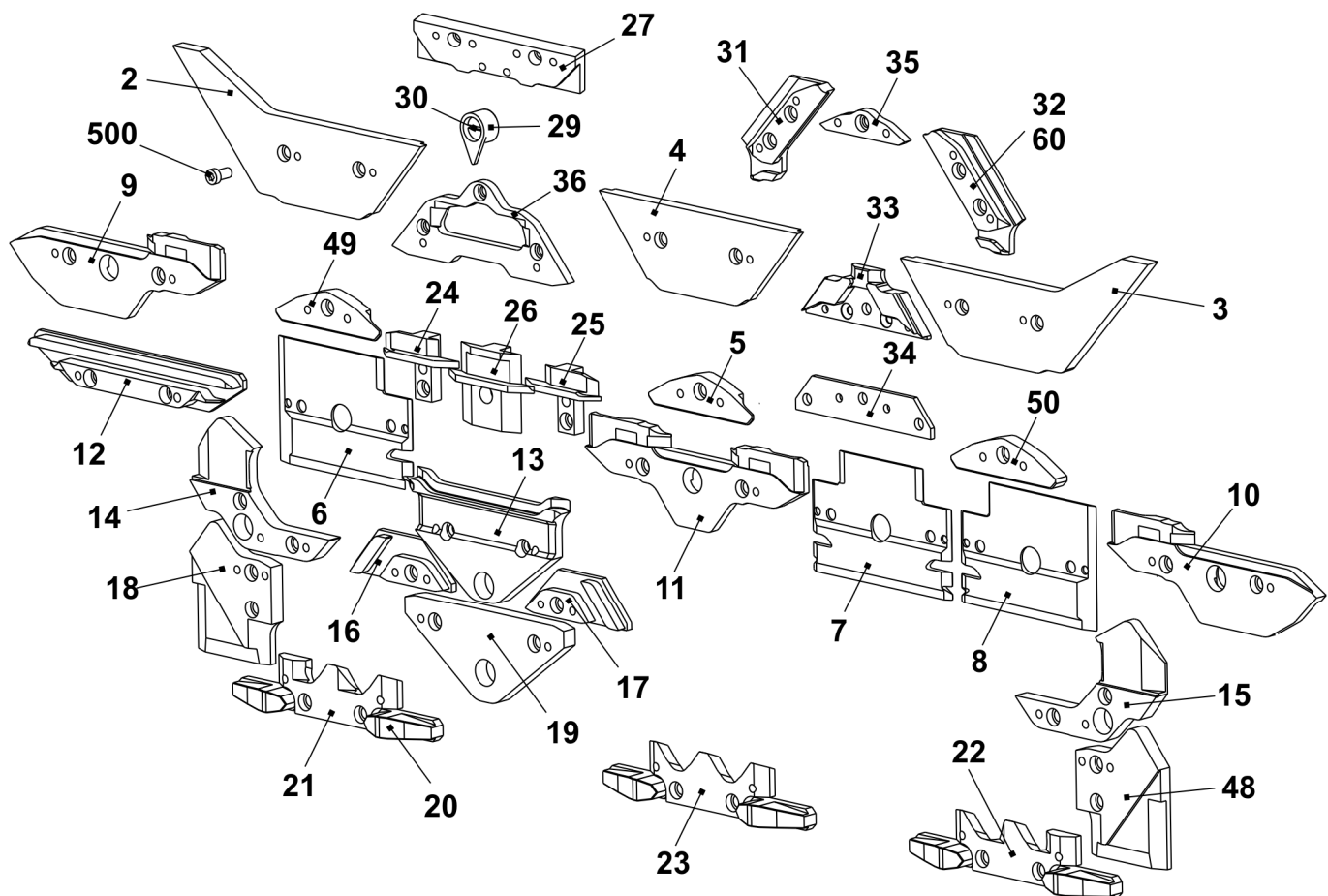
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E12	243 917	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



☰ Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg [→ 107]

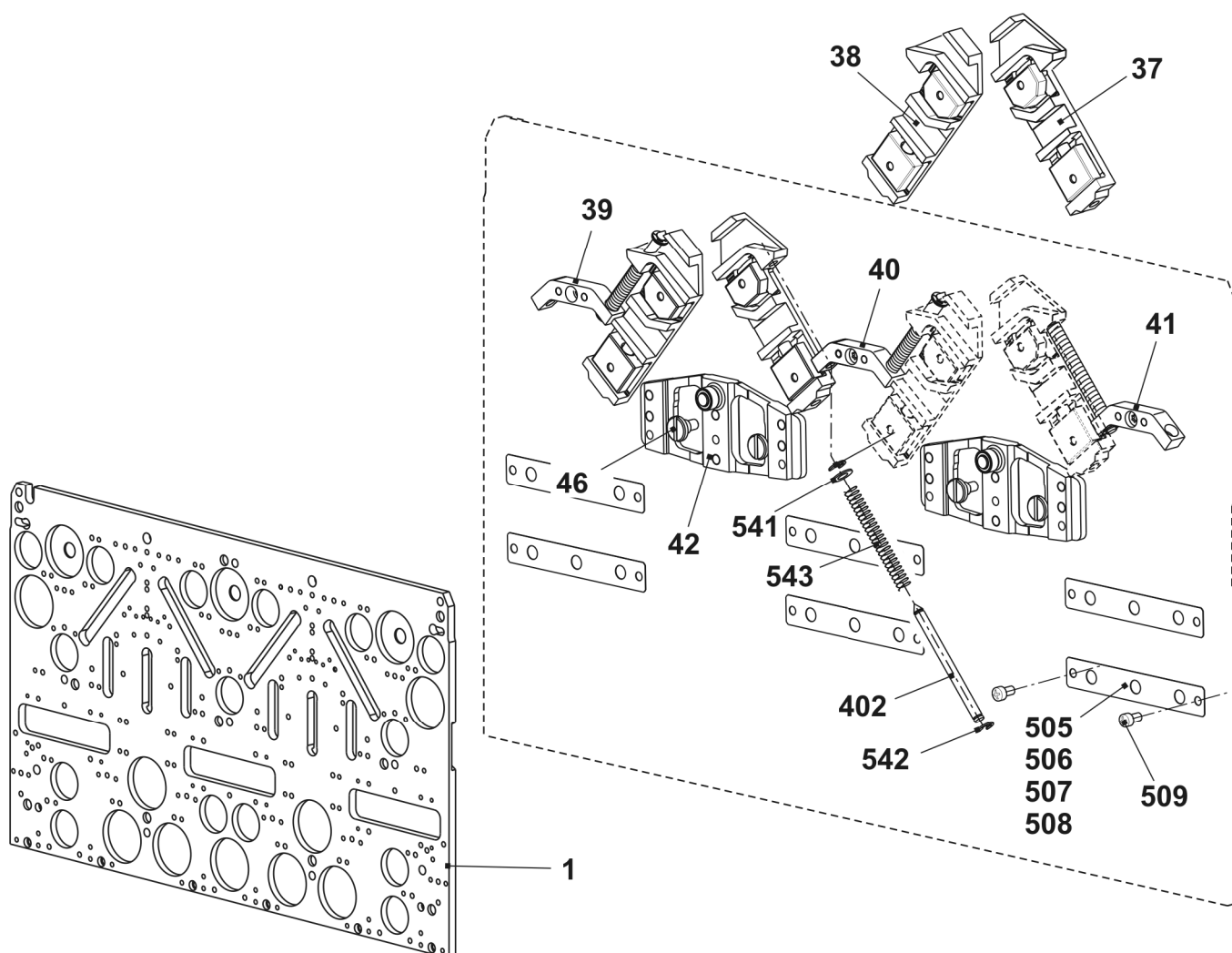
Cams E12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E12	236 403
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



Cam box E6.2 (12m.10)

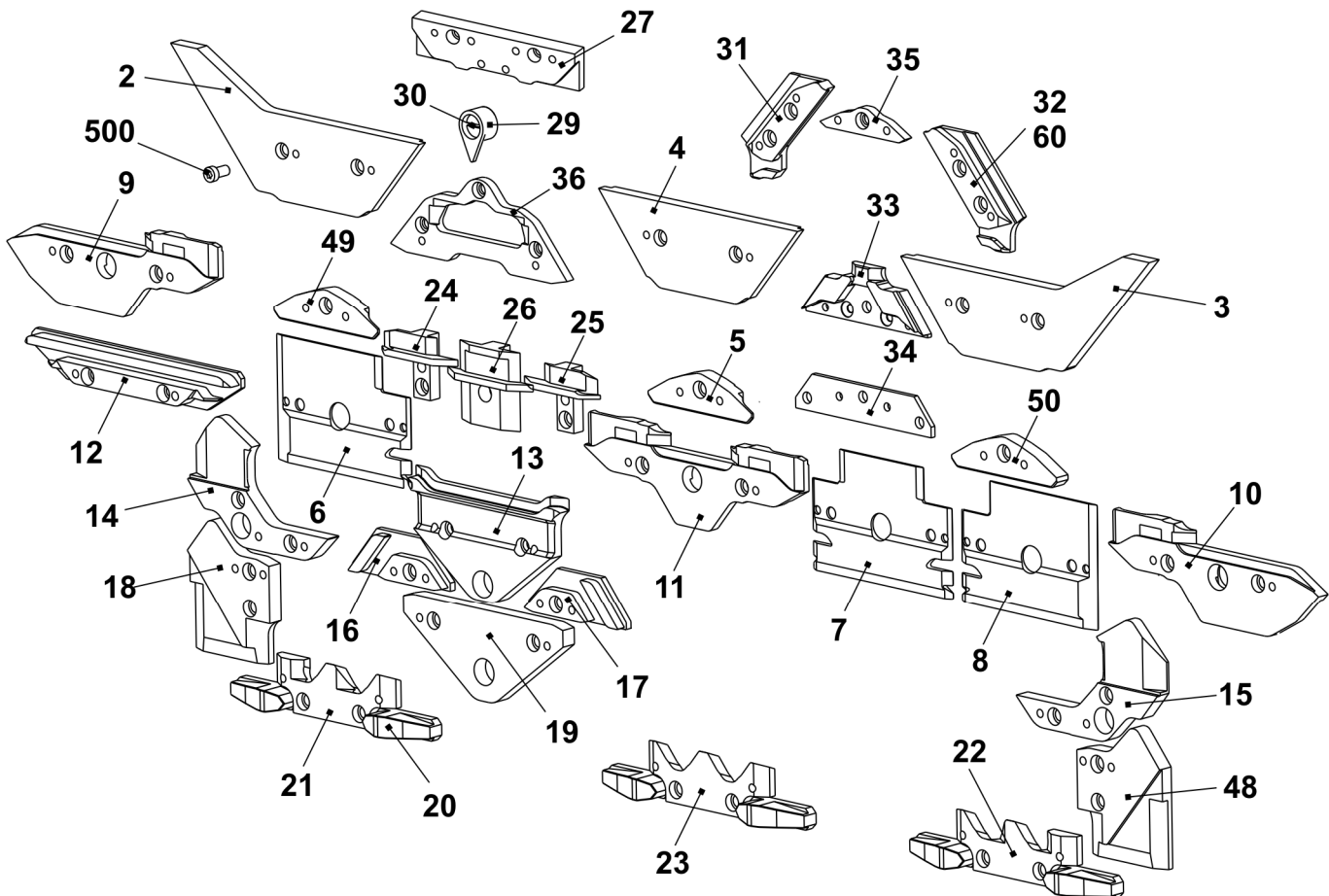
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E12m.10	244 286	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts of the cam box at the bottom Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



☐ Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg [→ 107]

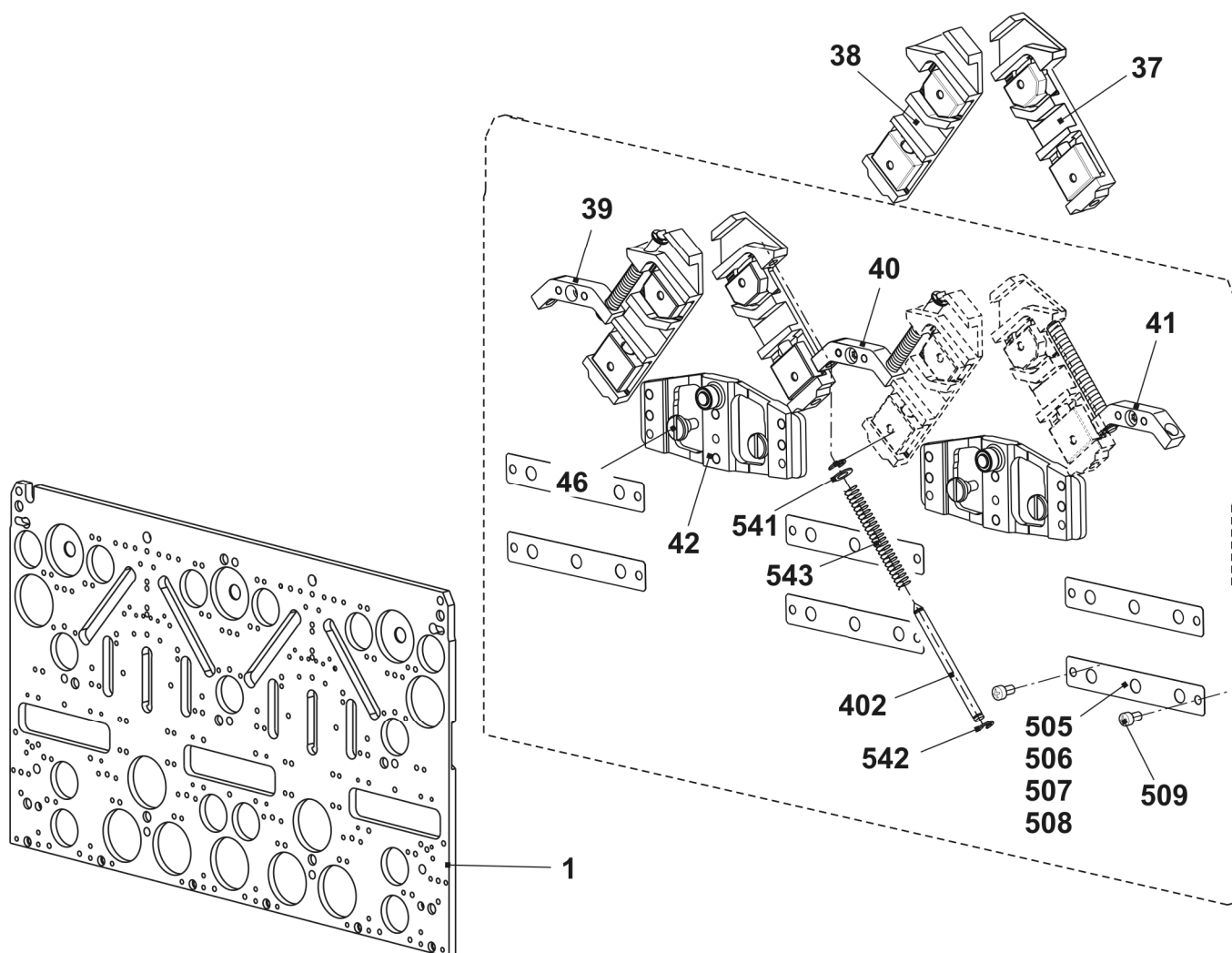
Cam parts E12m.10

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2 Accessory	213 300
16	Cam on the left	236 192	48	Cam on the right E5-14	212 275
17	Cam on the right	236 193	49	Entry cam on the left -1.5 E10 - E14	216 329
18	Cam on the left E5-14	212 274	50	Entry cam on the right -1.5 E10 - E14	216 330
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185	60	Stitch cam on the right at the rear E10 - E12	236 320
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



Cam box E14

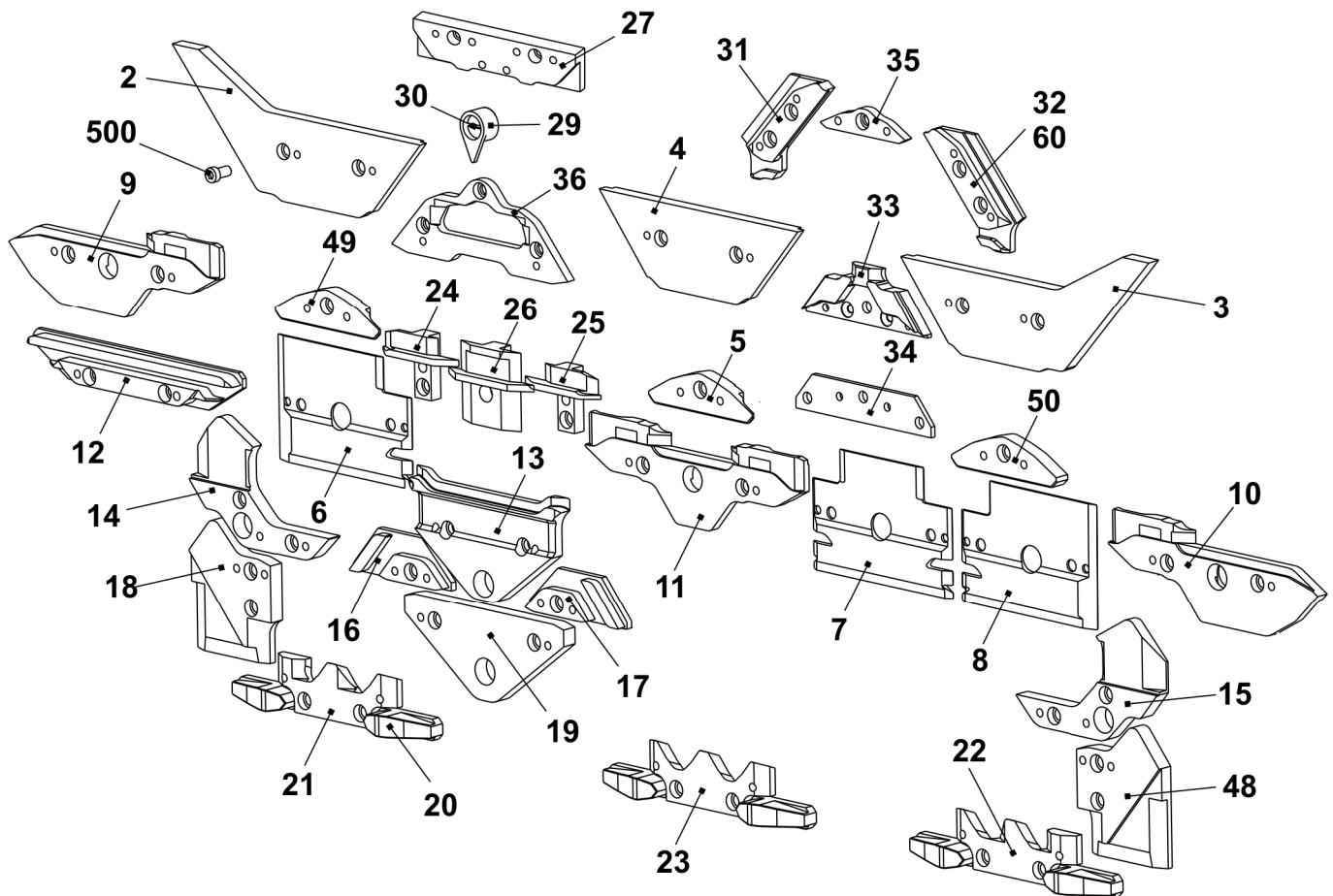
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E14	244 384	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



■ Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg [→ 107]

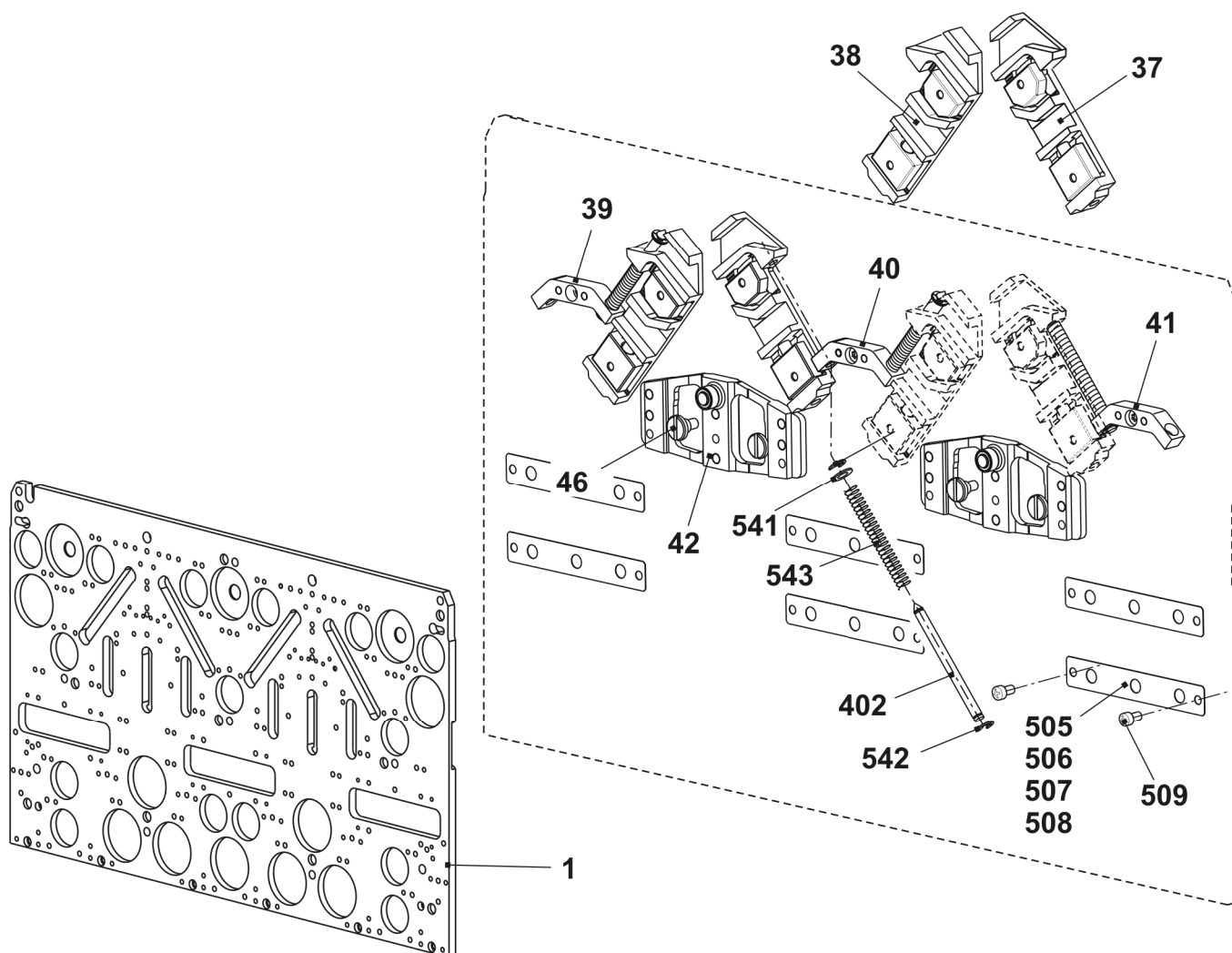
Cams E14

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E12 – E14	210 612
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E14	236 428
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E14	236 944
14	Cam on the left E5-14	212 265	36	Raising cam part without split E14	236 767
15	Cam on the right E5-14	212 266		Raising cam part for split E14	214 212
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5-14	212 274	49	Entry cam on the left -1.5 E10 - E14	216 329
19	Cam	210 252	50	Entry cam on the right -1.5 E10 - E14	216 330
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



Cam box E7.2 k&w

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E7.2	242 274	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			

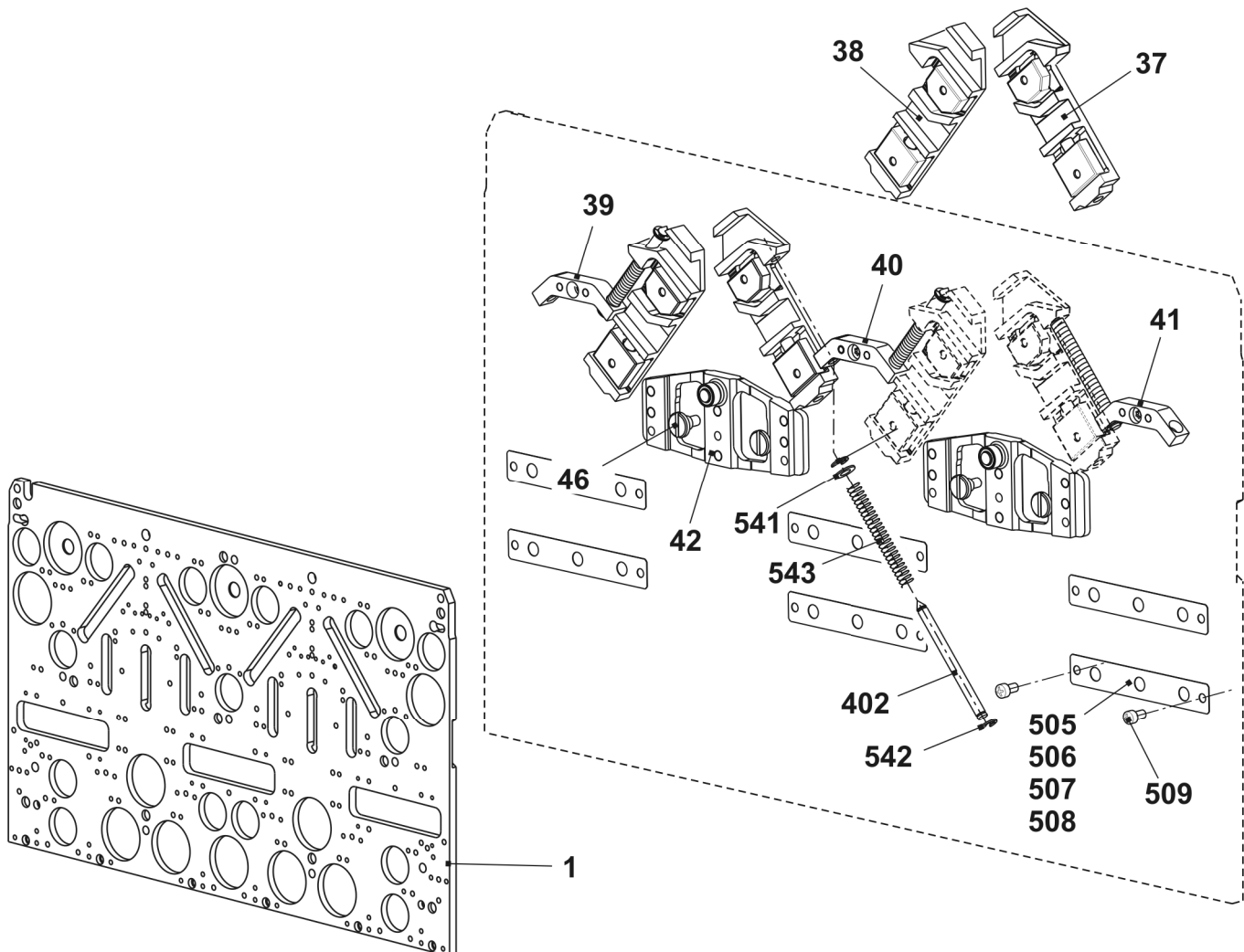


☐ Cams E6.2 k&w + E7.2 k&w [→ 111]

☐ Cams for narrow coupling E6.2 k&w + E7.2 k&w [→ 112]

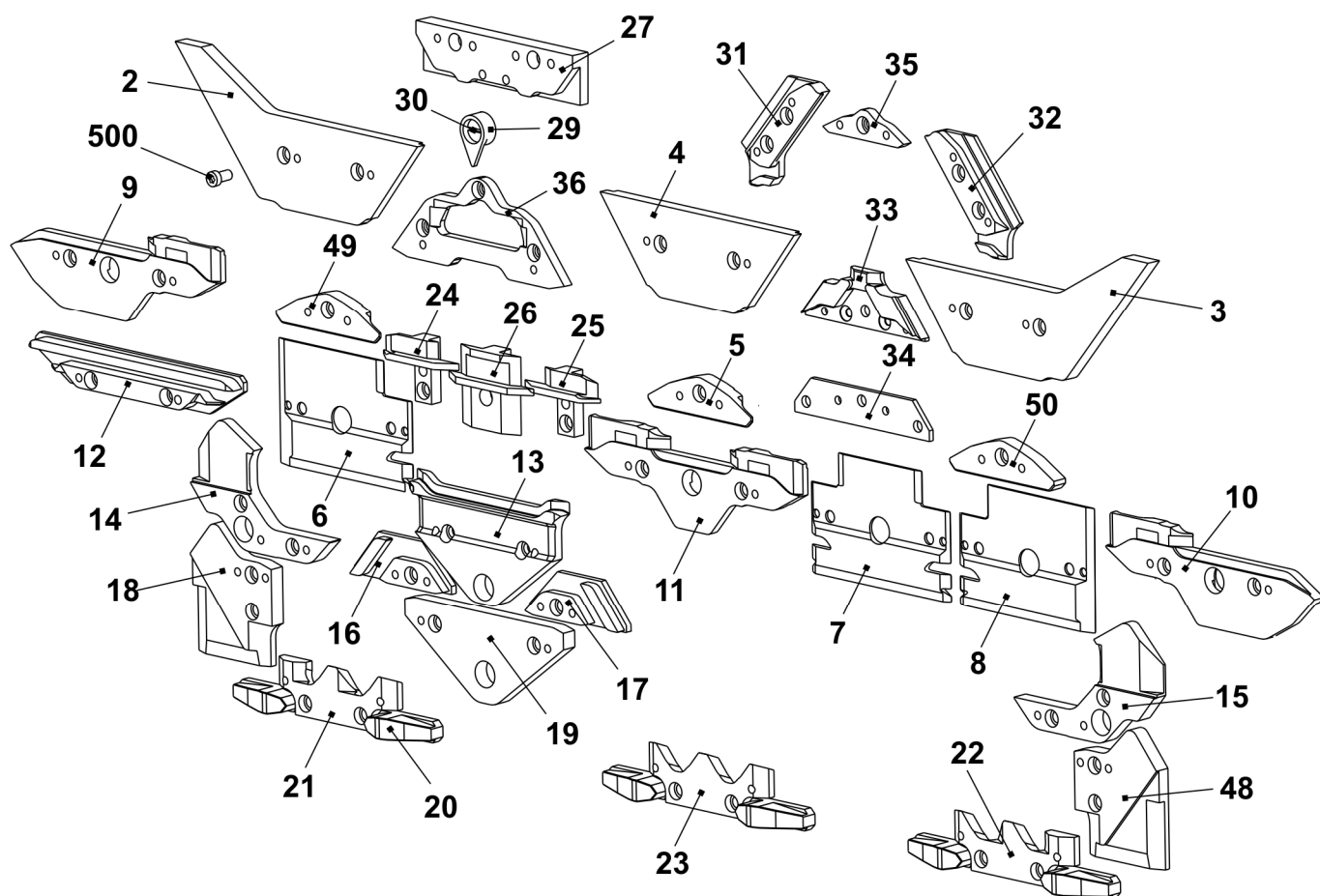
Cam box E7.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box complete E7.2	243 919	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E12 – E14	214 088	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E12 – E14	214 089	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



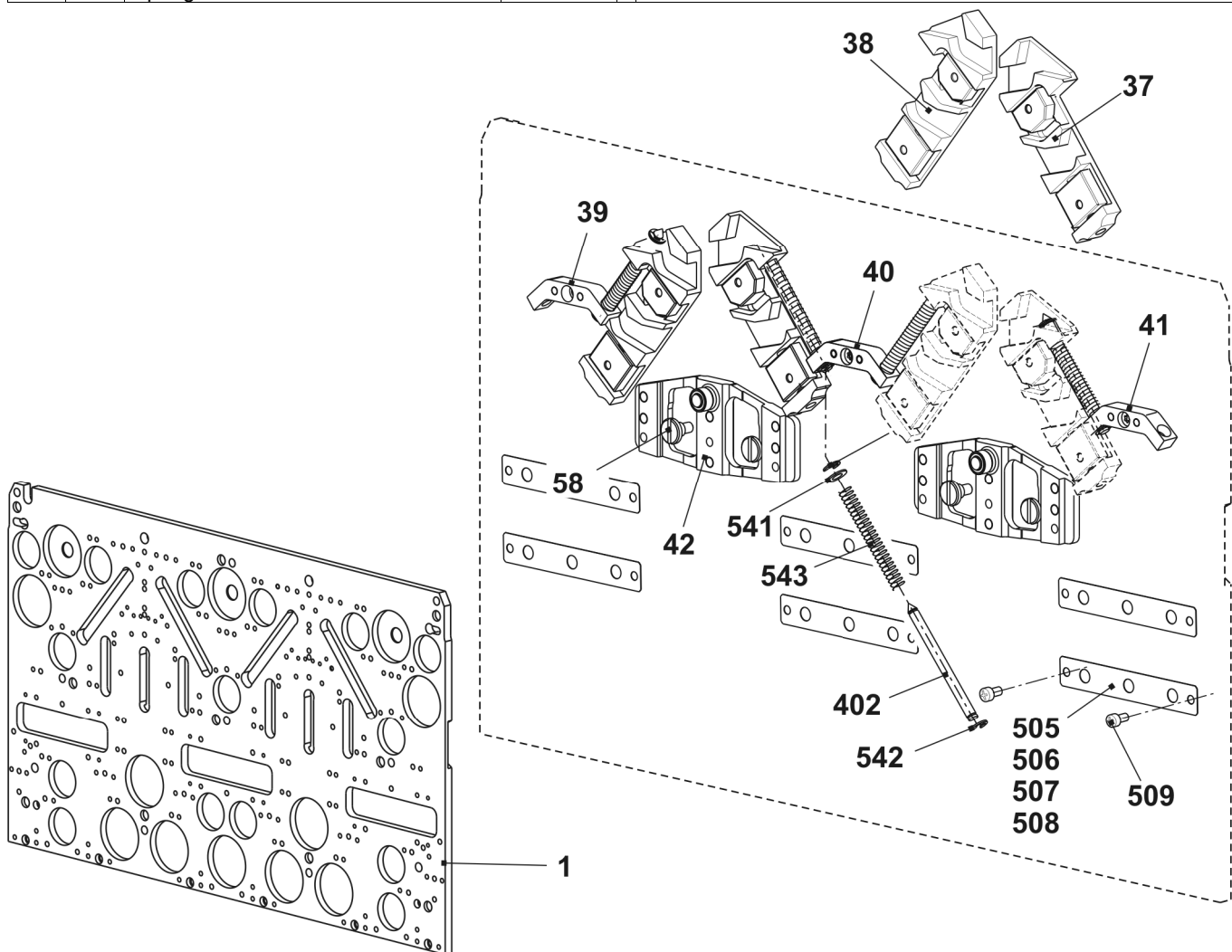
Cams E7.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam bottom -1.5 E10 - E14	216 328	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E10	210 611
7	Plate in the middle	231 035	29	Pointer E10 – E14	210 349
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E10 -E14 + E7.2	236 318
10	Cam on the right	231 041	32	Stitch cam on the right E10 -E14 + E7.2	236 319
11	Cam in the middle	231 040	33	Tuck limit cam E10 + E7.2	236 345
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E10 - E12	210 595
14	Cam on the left E5-14	212 265	36	Raising cam part without split E10 – E12 + E7.2	237 993
15	Cam on the right E5-14	212 266		Raising cam part for split E10 – E12 + E7.2	213 300
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193			
18	Cam on the left E5-14	212 274	48	Cam on the right E5-14	212 275
19	Cam	210 252	49	Entry cam on the left -1.5 E10 - E14	216 329
20	Offering cam	210 185	50	Entry cam on the right -1.5 E10 - E14	216 330
21	Selector cam on the left	212 944	500	Cap screw M4x8	020 091
22	Selector cam on the right	212 947			



Cam box E16 + E18

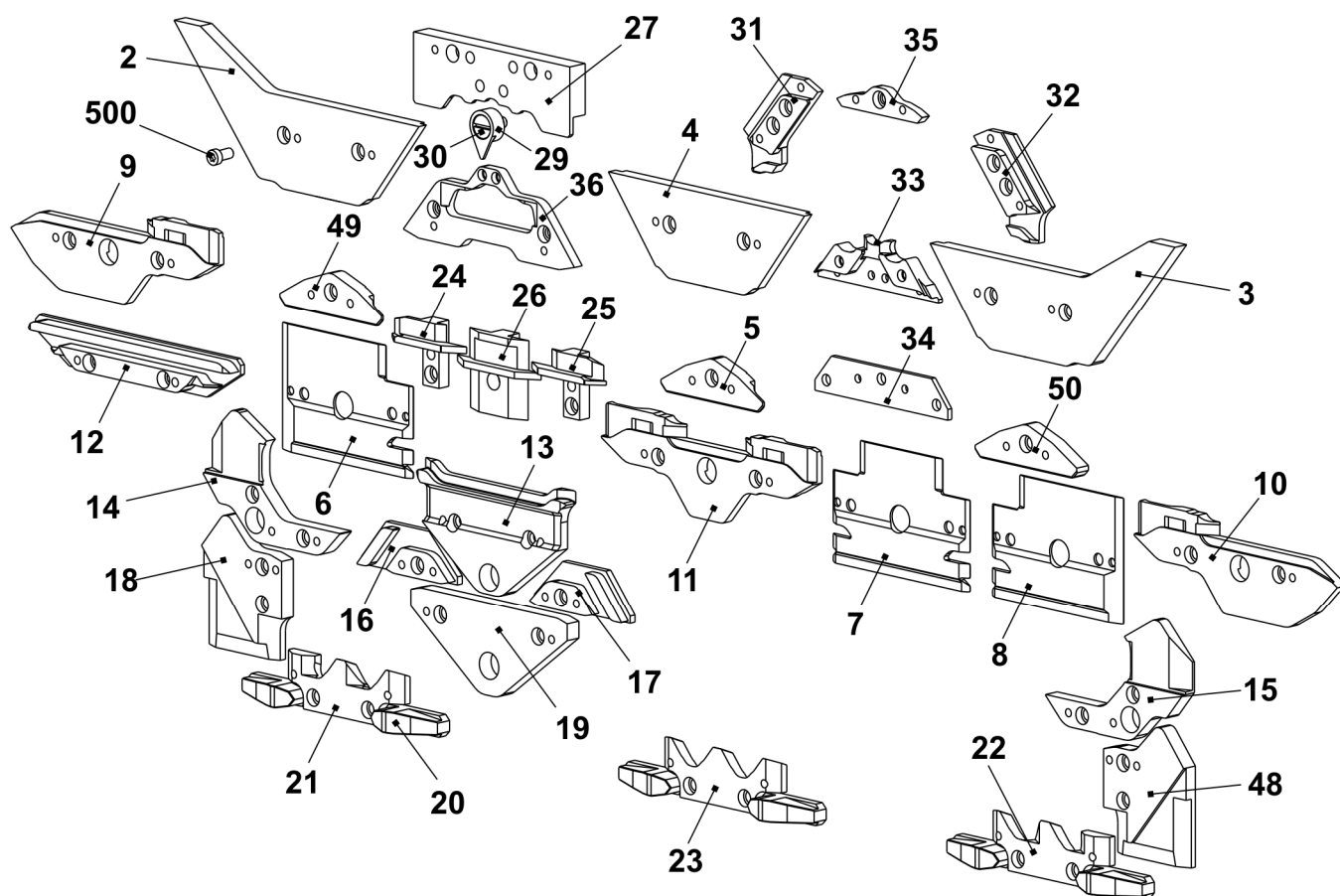
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E16 - E20	242 243	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E16 - E20	221 123	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E16 - E20	221 124	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



☐ Cams for narrow coupling E10 + E10m.12 + E12 + E12m.10 + E6.2 mg + E14 + E7.2 mg + E16 + E18 + E8.2 mg [→ 107]

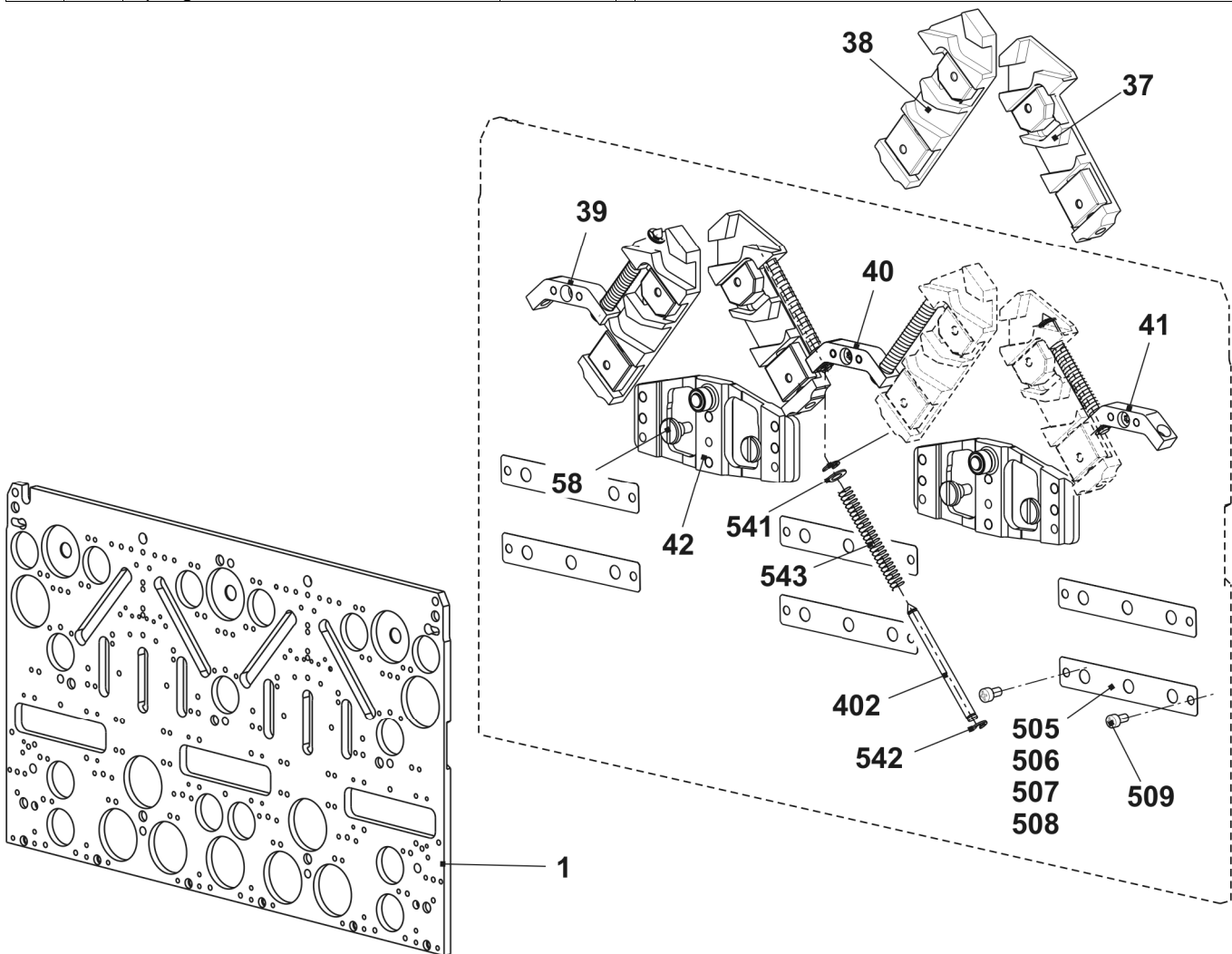
Cams E16 + E18

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E16 - E20	220 842	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E16 - E20	220 865
7	Plate in the middle	231 035	29	Pointer E16 - E20	224 383
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E16 - E20	220 870
10	Cam on the right	231 041	32	Stitch cam on the right E16 - E20	220 871
11	Cam in the middle	231 040	33	Tuck limit cam E16 + E18	239 936
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E16 - E20	220 863
14	Cam on the left E5-14	212 265	36	Raising cam part without split E16 - E18 + E9.2	239 457
15	Cam on the right E5-14	212 266		Raising cam part for split E16 - E18 + E9.2	239 742
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5-14	212 275
18	Cam on the left E5-14	212 274	49	Entry cam on the left E16 - E20	220 841
19	Cam	210 252	50	Entry cam on the right E16 - E20	220 843
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



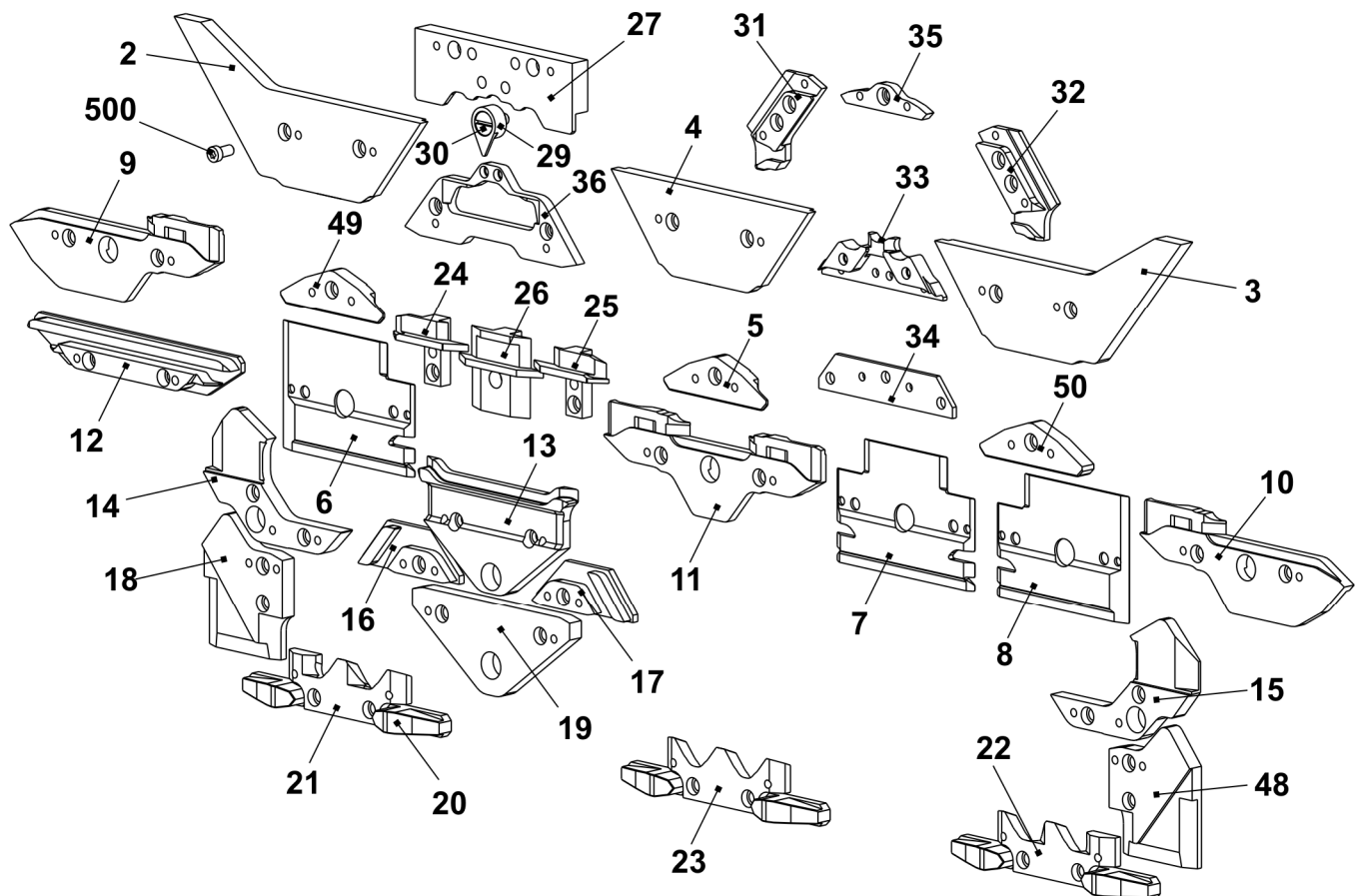
Cam box E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Cam box set complete E16 - E20	243 920	42	Contact piece	240 281
1	Cam plate	241 760	58	Shoulder screw	239 626
37	Stitch forming cam on the right complete E16 - E20	221 123	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left complete E16 - E20	221 124	506	Shim 0.05x12x75	022 829
39	Rod guidance part left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guidance part middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guidance part right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	Parts at the bottom of the cam box. Cams for narrow coupling Cam box set complete contains all parts for both carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			

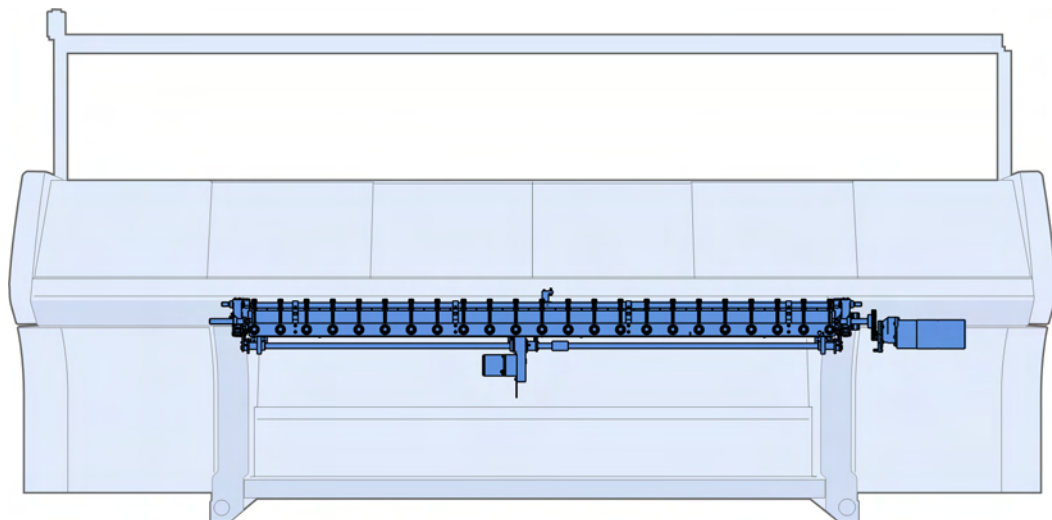


Cams E8.2 mg

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure cam take-over left	239 848
4	Entry cam at the top	243 596	25	Pressure cam take-over right	239 849
5	Entry cam at the bottom E16 - E20	220 842	26	Tuck pressure cam	239 621
6	Plate on the left	230 988	27	Limit cam E9.2	228 978
7	Plate in the middle	231 035	29	Pointer E16 - E20	224 383
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E16 - E20	220 870
10	Cam on the right	231 041	32	Stitch cam on the right E16 - E20	220 871
11	Cam in the middle	231 040	33	Tuck limit cam E9.2	239 458
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E9.2	228 977
14	Cam on the left E5 - E14	212 265	36	Raising cam part without split E16 - E18 + E9.2	239 457
15	Cam on the right E5 - E14	212 266		Raising cam part for split E16 - E18 + E9.2 Accessories	239 742
16	Cam on the left	236 192	48	Cam on the right E5 - E14	212 275
17	Cam on the right	236 193	49	Entry cam on the left E16 - E20	220 841
18	Cam on the left E5 - E14	212 274	50	Entry cam on the right E16 - E20	220 843
19	Cam	210 252	500	Cap screw M4x8	020 091
20	Offering cam	210 185			
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			

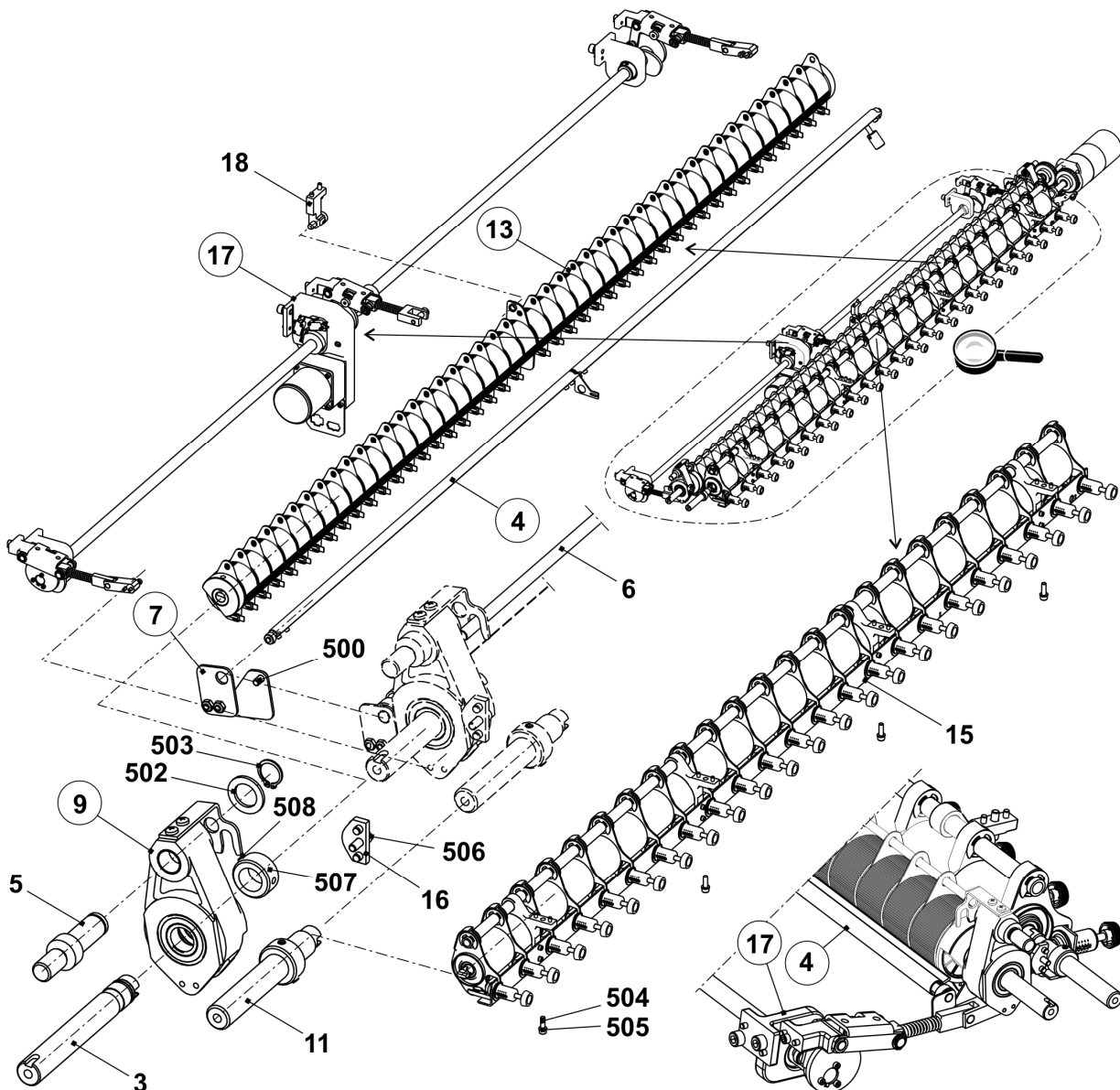


Main take-down



Take-down rollers and left bearing

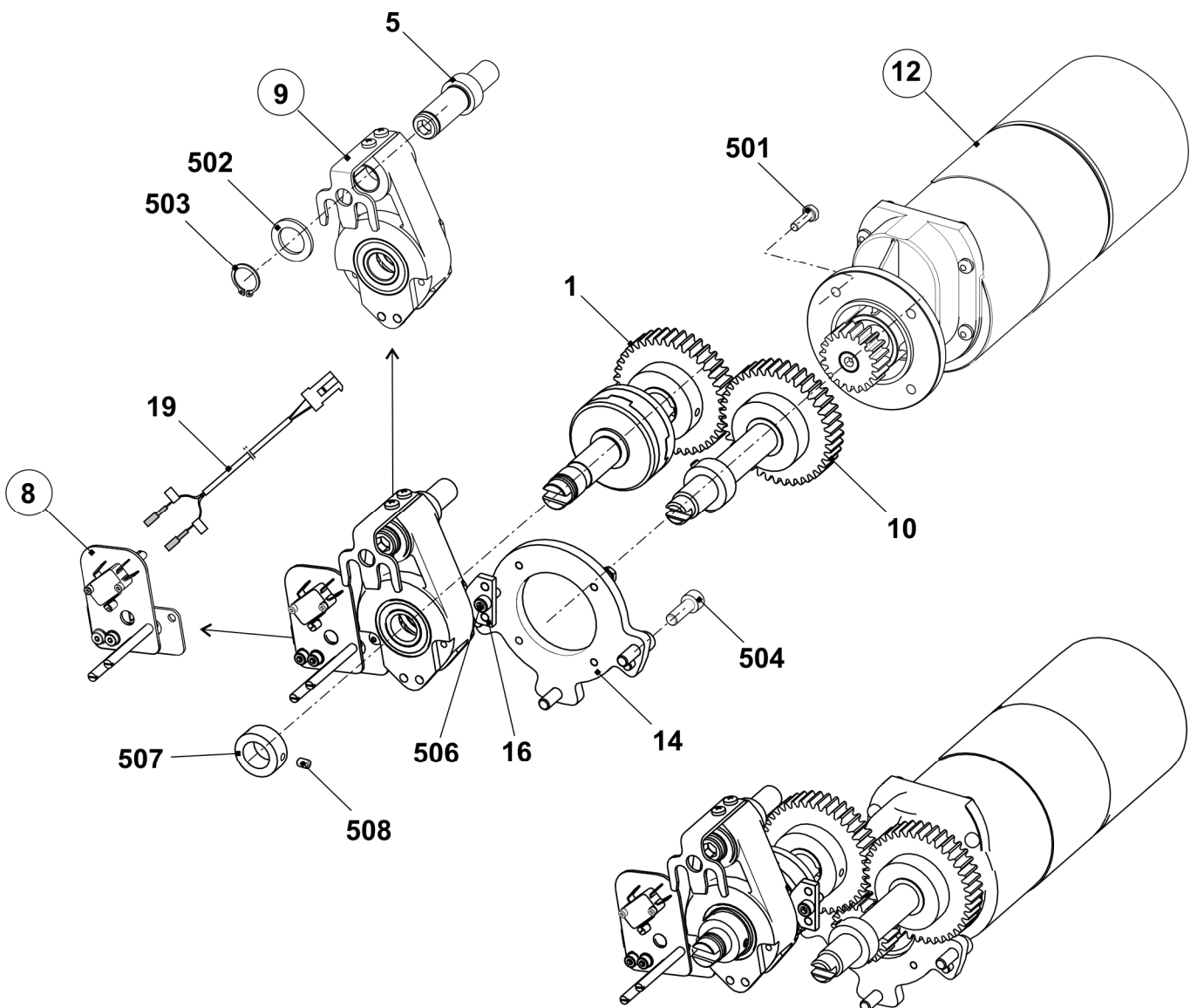
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Main take-down complete		15	Take-down roller at the front complete	242 371
	E5 - E14	242 222	16	Stop point	232 364
	E16 - E18	242 223	17	Main take-down closing device complete 84"	237 352
3	Shaft on the left at the rear	237 818	18	Bearing block in the middle complete	237 357
4	Stripper angle at the rear complete	241 935	500	Countersunk screw M5x10	023 247
5	Bolt	208 538	502	Washer 18	023 295
6	Rod	237 192	503	Locking ring 18x1.2	020 955
7	Mounting plate on the left complete	231 725	504	Cap screw M8X25	020 142
9	Swivel-mounted bearing	235 286	505	Washer 8	020 883
11	Floating axle on the left	237 354	506	Cap screw M6X16	020 135
13	Take-down roller at the rear complete		507	Set collar A20	020 938
	E5 - E14 + E2,5.2 - E7.2	243 810	508	Set screw M6x8	022 684
	E16 - E18 + E8.2	243 889			



Take-down closing device [→ 140]

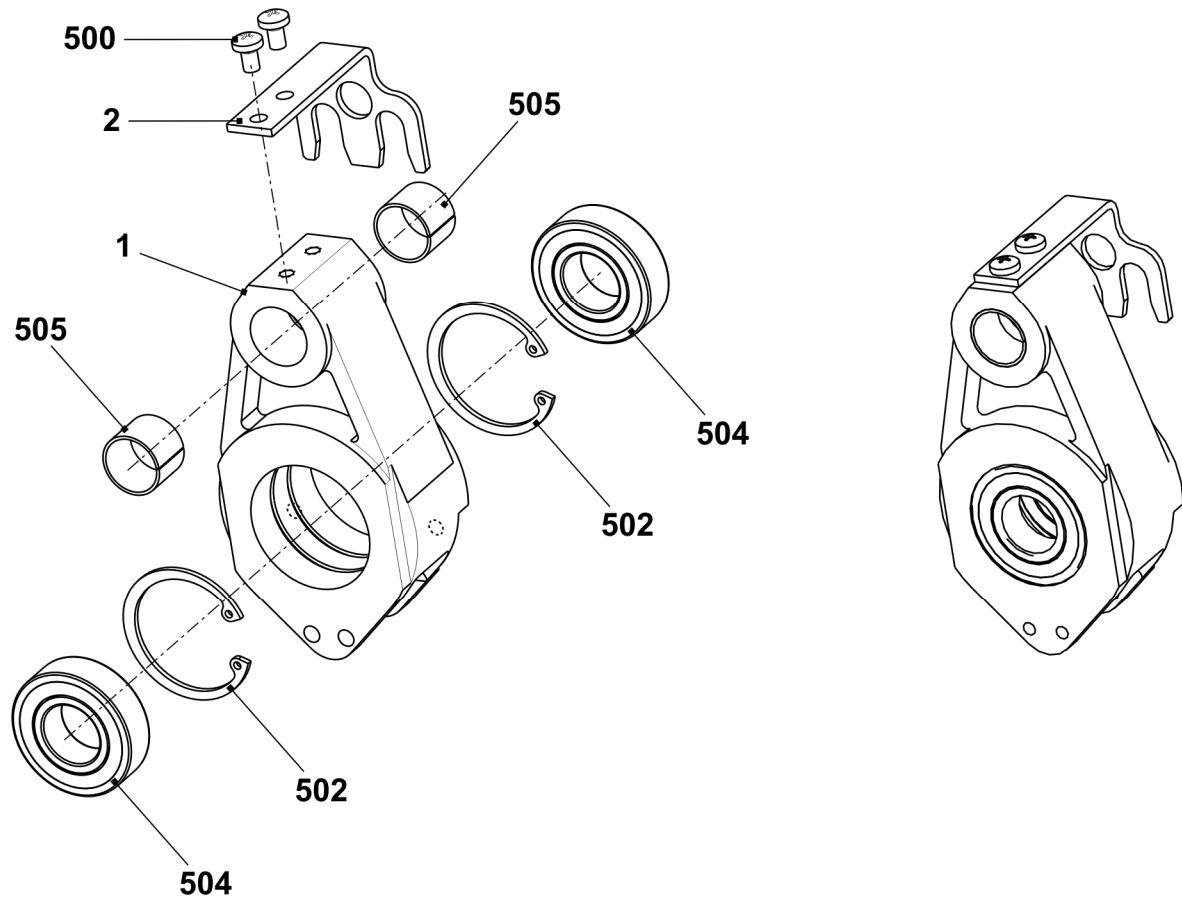
Take-down motor and right bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Clutch set	237 293	501	Hexagon screw M6X16	020 356
8	Mounting plate on the right complete	240 069	502	Washer 18-200	023 295
9	Swivel-mounted bearing	235 286	503	Locking ring 18x1.2	020 955
10	Floating axle on the right	237 353	504	Cap screw M8x25-12.9	020 142
12	Motor take-down + comb	214 279	506	Cap screw M6X16	020 135
14	Flange	241 754	507	Set collar A20	020 938
16	Stop point	232 364	508	Set screw M6x8	022 684
19	Connection cable winding plate OKC	241 703			



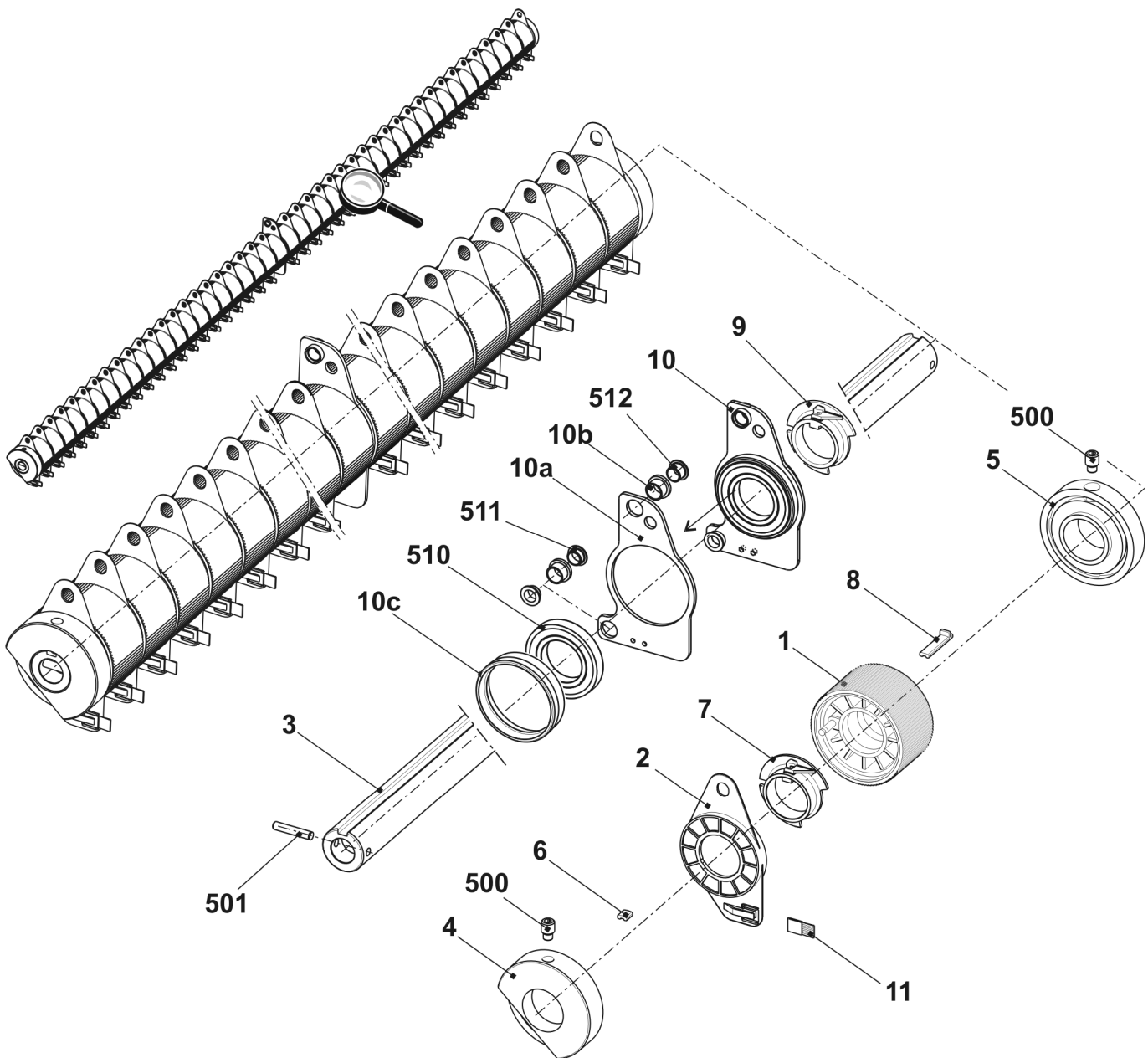
Swivel-mounted bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Swivel-mounted bearing	235 286	502	Locking ring 42x1.75	023 293
1	Lever	232 485	504	Ball bearing 6004-2Z	022 720
2	Sheet metal support	209 393	505	Slide bearing 18x20x15	022 951
500	Countersunk screw M5x8	022 779			



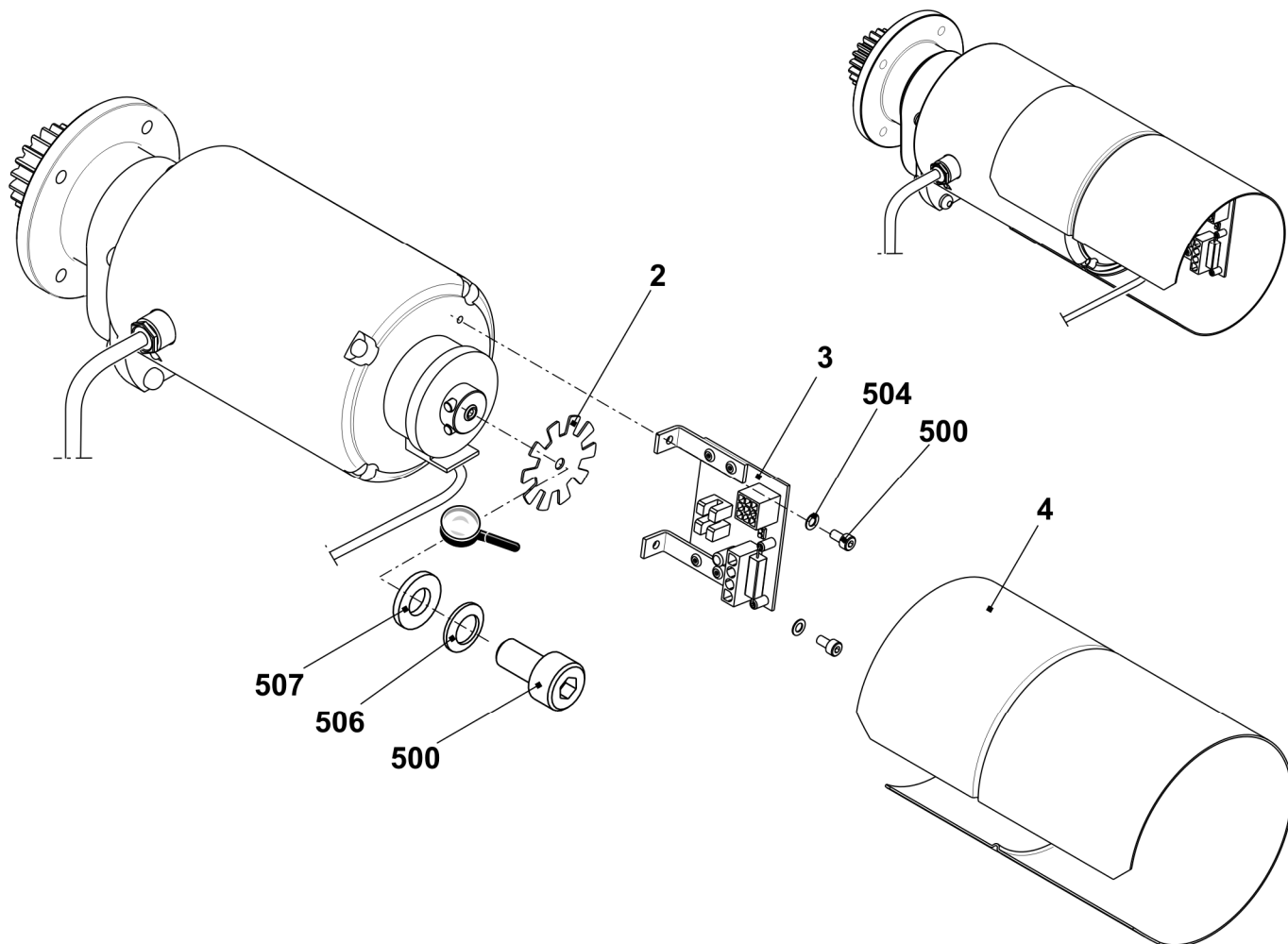
Rear take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the rear complete		9	Stop ring on the left	222 910
	E5 - E14 + E2,5.2 - E7.2	243 810	10	Support	232 578
	E16 - E18 + E8.2	243 889	10a	Supporting plate	232 512
1	Roller (E5 – E14 + E2,5.2 - E7.2)	206 770	10b	Bearing	232 571
	Roller (E16 – E18 + E8.2)	231 400	10c	Ring	222 895
2	Stripper	241 612	11	Brush	225 819
3	Shaft	237 190	500	Set screw M10x15-4	020 635
4	Ring on the left	232 280	501	Setting pin 6x32	020 685
5	Ring on the right	232 281	510	Ball bearing 16007	021 697
6	Spacer slide	222 062	511	Slide bearing GFM-101216-06	023 280
7	Stop ring on the left	204 369	512	Slide bearing GFM - 101216-09	023 356
8	Spacer slide	240 104			



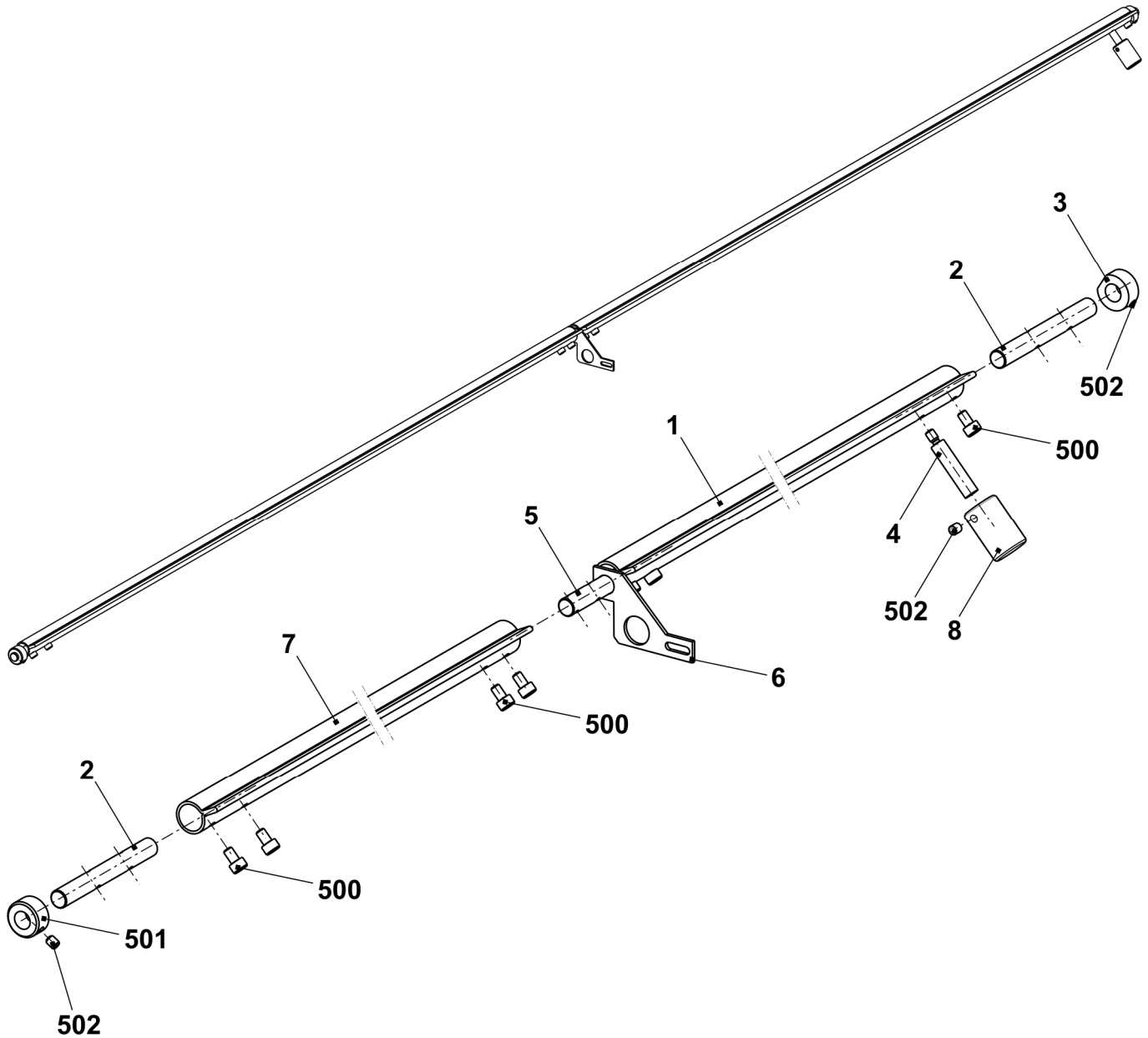
Impulse giver and motor

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Motor take-down unit + comb	214 279	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	Washer 4-200	020 879
3	Light barrier motor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Adjusting washer 4x8x1	023 369



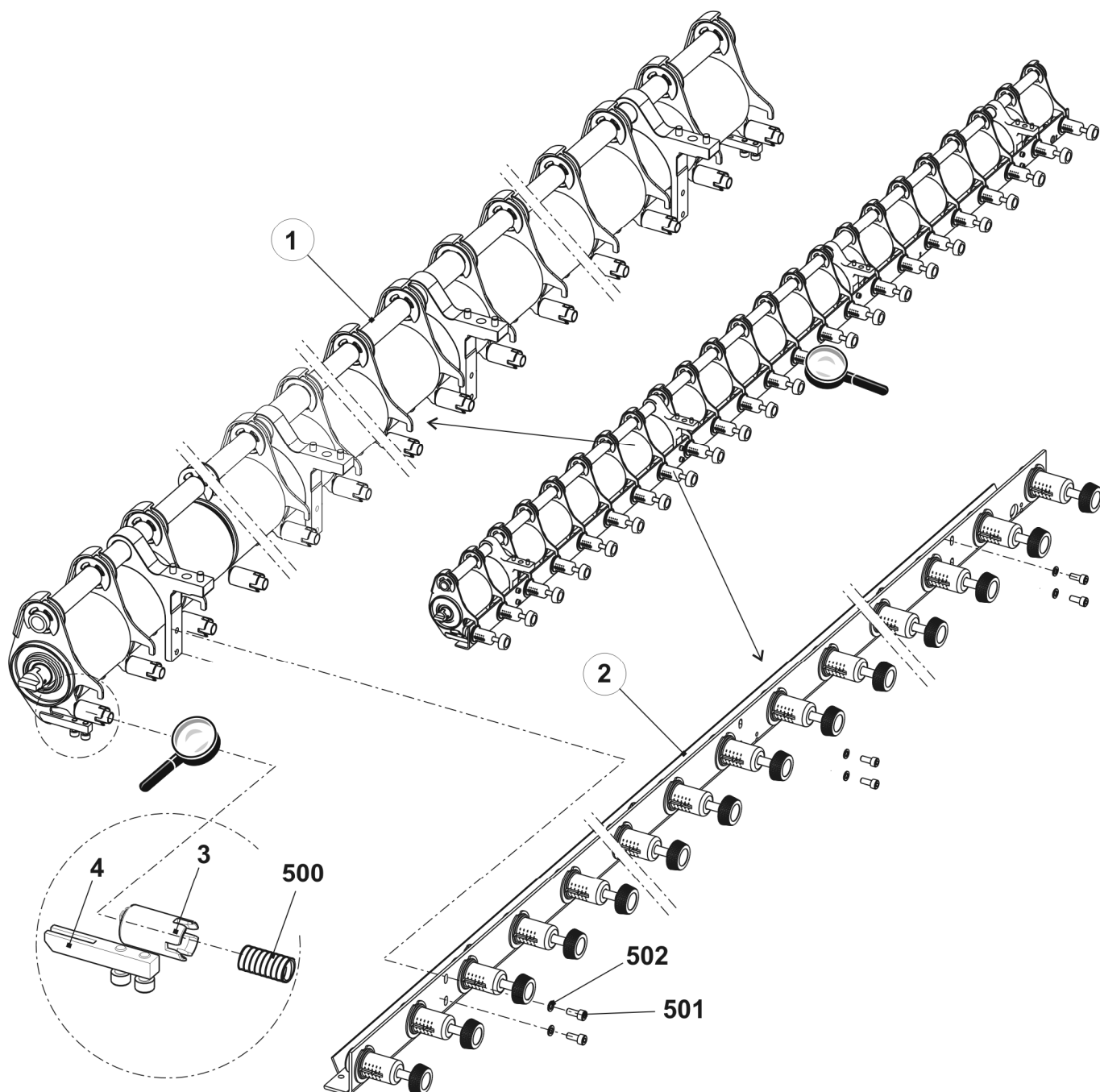
Stripper angle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Stripper angle at the rear complete	241 935	6	Lug	235 731
1	Stripper angle on the right	241 933	7	Stripper angle on the left	241 934
2	Shaft	240 127	8	Setting weight	229 248
3	Cam	209 278	500	Cap screw M5x8	023 319
4	Bolt	228 310	501	Set collar	020 934
5	Axle	228 803	502	Set screw M5x6	022 738



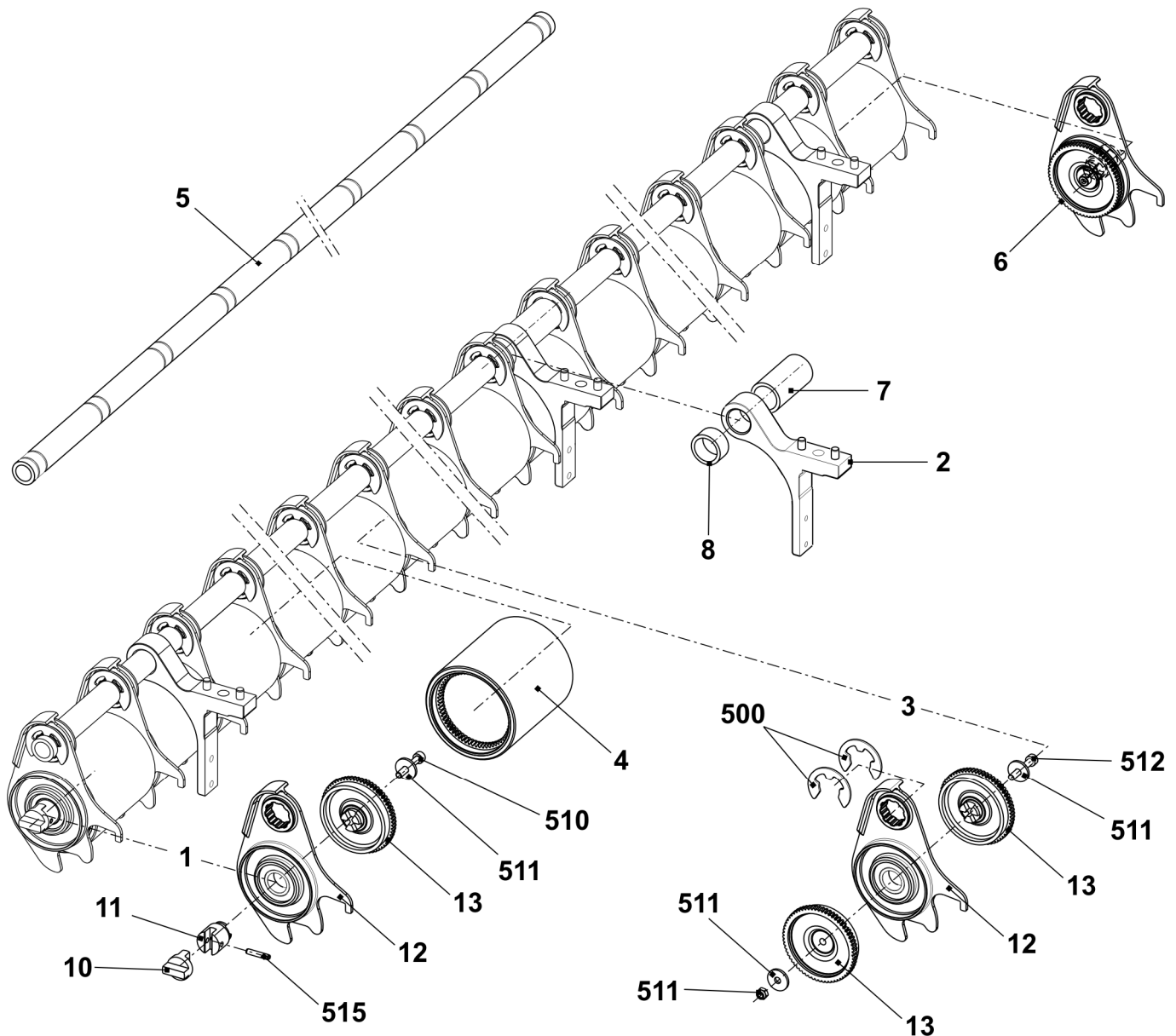
Front take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the front complete	242 371	4	Fixating part	221 935
1	Take-down roller at the front	237 313	500	Compression spring 1x10x30	023 741
2	Angle rail complete	242 316	501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911	502	Washer 5-200	020 880



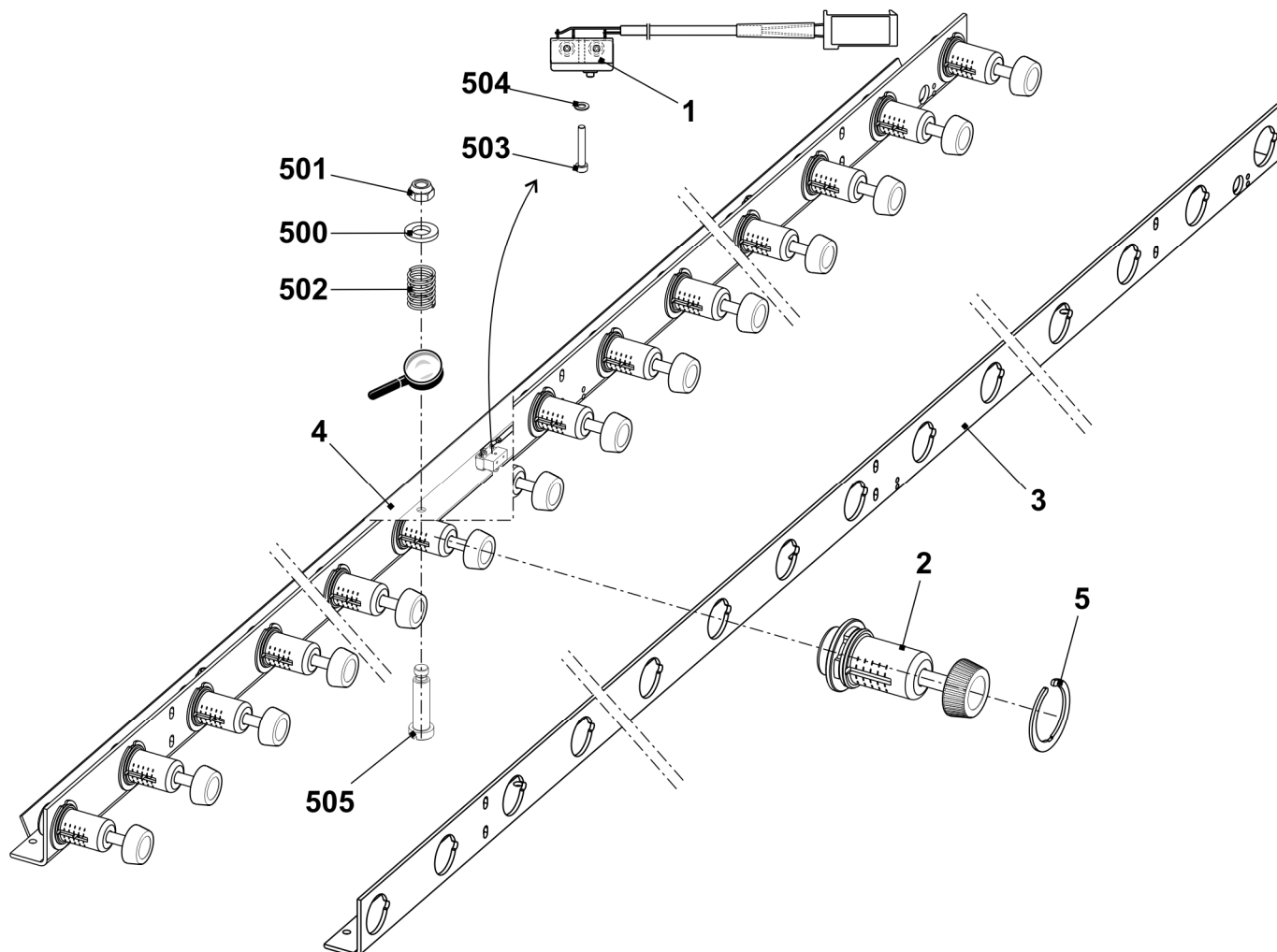
Front roller elements

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller at the front	237 313	4	Roller	220 905
1	Bearing support complete on the left	221 225	5	Tube	237 191
	10 Universal joint	221 137	6	Bearing support complete on the right	221 240
	11 Adaptor	221 132		10 Universal joint	221 137
	12 Bearing support	220 913		11 Adaptor	221 132
	13 Gear wheel	220 910		12 Bearing support	220 913
	510 Cap screw M5x20	020 133		13 Gear wheel	220 910
	511 Washer 5-100hv	023 542		510 Cap screw M5x20	020 133
	515 Spring dowel sleeve 4x20	023 551		511 Washer 5-100hv	023 542
2	Support	221 089		515 Spring dowel sleeve 4x20	023 551
3	Bearing support complete	221 241	7	Distance pipe on the right	221 920
	12 Bearing support	220 913	8	Distance pipe on the left	221 919
	13 Gear wheel	220 910	500	Circlip	021 025
	511 Washer 5-100hv	023 542			
	512 Cap screw M5x30	022 396			



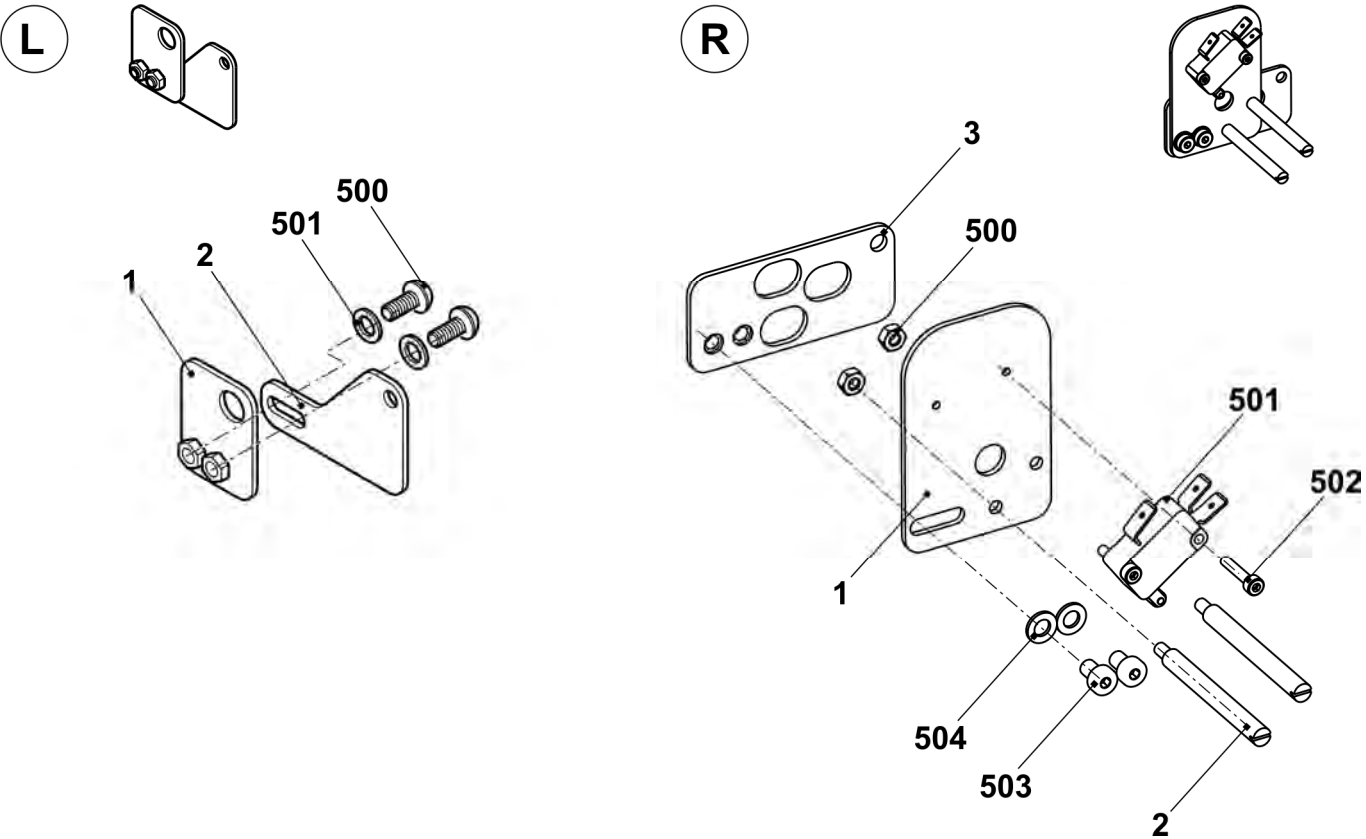
Pressure angle rail

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Angle rail complete	242 316	500	Washer 6	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0.8x9.2x27.5	023 537
3	Angle rail	242 277	503	Cap screw M2x12	023 522
4	Winding plate	237 195	504	Washer 2-200	022 908
5	Locking ring	242 325	505	Shoulder screw M5x20x5	023 675



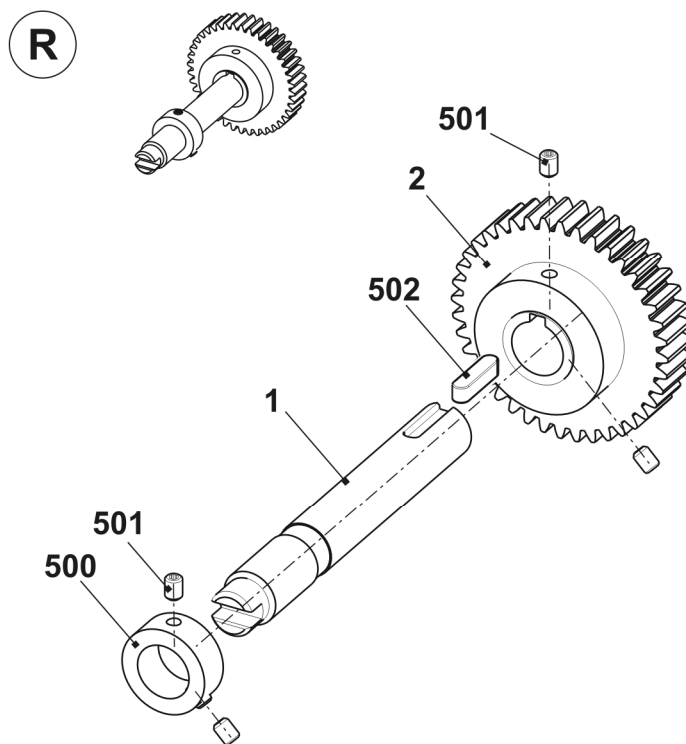
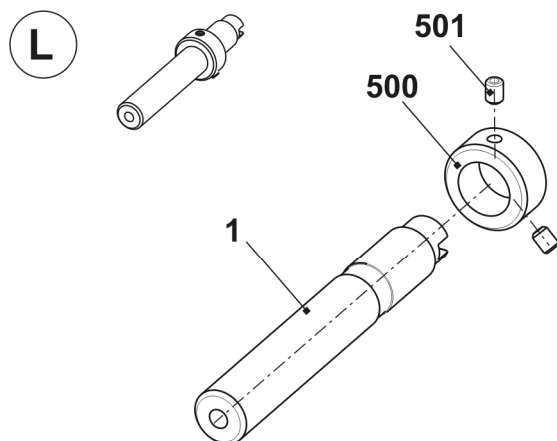
Mounting plate

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Mounting plate on the left complete	231 725	Σ R	Mounting plate on the right complete	240 069
1	Mounting plate on the left	231 541	1	Mounting plate on the right	240 068
2	Retaining plate on the left	231 539	2	Shoulder screw	240 067
500	Countersunk screw M5x10	023 247	3	Retaining plate on the right	240 066
501	Serrated lock washer J5.3	022 489	500	Hexagon nut M4-6	022 536
			501	Microswitch	026 259
			502	Cap screw M3x16	022 583
			503	Cap screw M5x8	244 278
			504	Washer 5-200	020 871



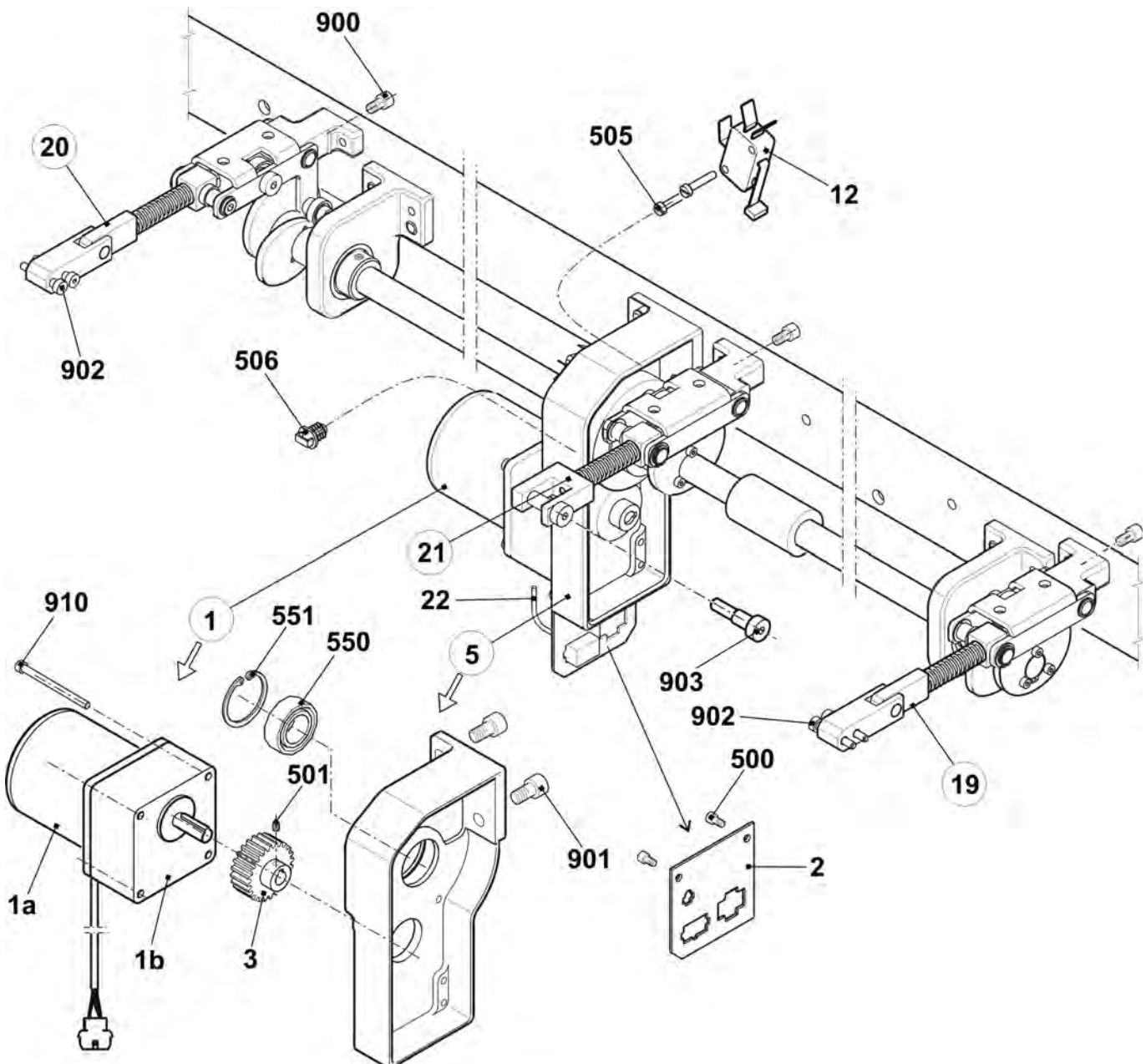
Floating axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Floating axle on the left	237 354	Σ R	Floating axle on the right	223 442
1	Shaft on the left at the front	237 334	1	Shaft on the right at the front	223 393
500	Set collar	020 938	2	Gear wheel z=40, m=2	213 744
501	Set screw M6x8	022 684	500	Set collar	020 938
			501	Set screw M6x8	022 684
			502	Feather key A 6x6x25	023 017



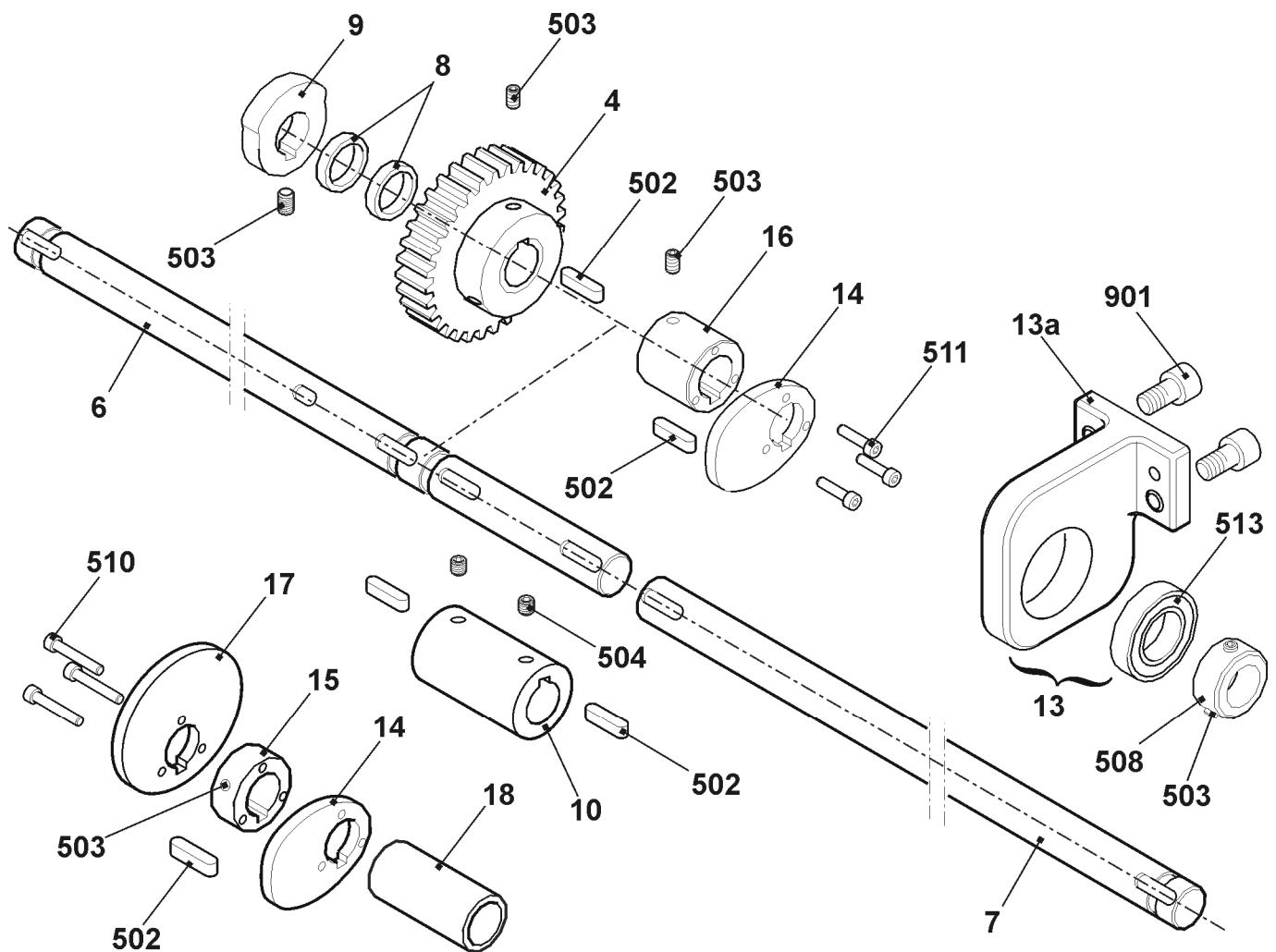
Take-down closing device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Main take-down closing device complete	237 352	500	Cap screw M5x8	023 319
1	Motor complete	235 246	501	Set screw M4x4	022 875
1a	Motor 25W	232 456	505	Cap screw M3x15	020 009
1b	Gear	234 983	506	Mounting element	209 543
2	Sheet metal	232 992	550	Deep groove ball bearing 6004-2Z	022 720
3	Gear wheel	232 434	551	Locking ring 42x1.75	023 293
5	Support in the middle complete	235 247	900	Cap screw M6x14	022 658
12	Microswitch XGK2-S21 250 VAC	210 510	901	Cap screw M10x16	023 895
19	Swivel support on the right complete	239 148	902	Cap screw M6x25	023 746
20	Swivel support on the left complete	239 189	903	Cap screw M10x25	023 751
21	Swivel support in the middle complete	239 188	910	Cap screw M5x55	023 321
22	Cable switch HAAB open	232 442			



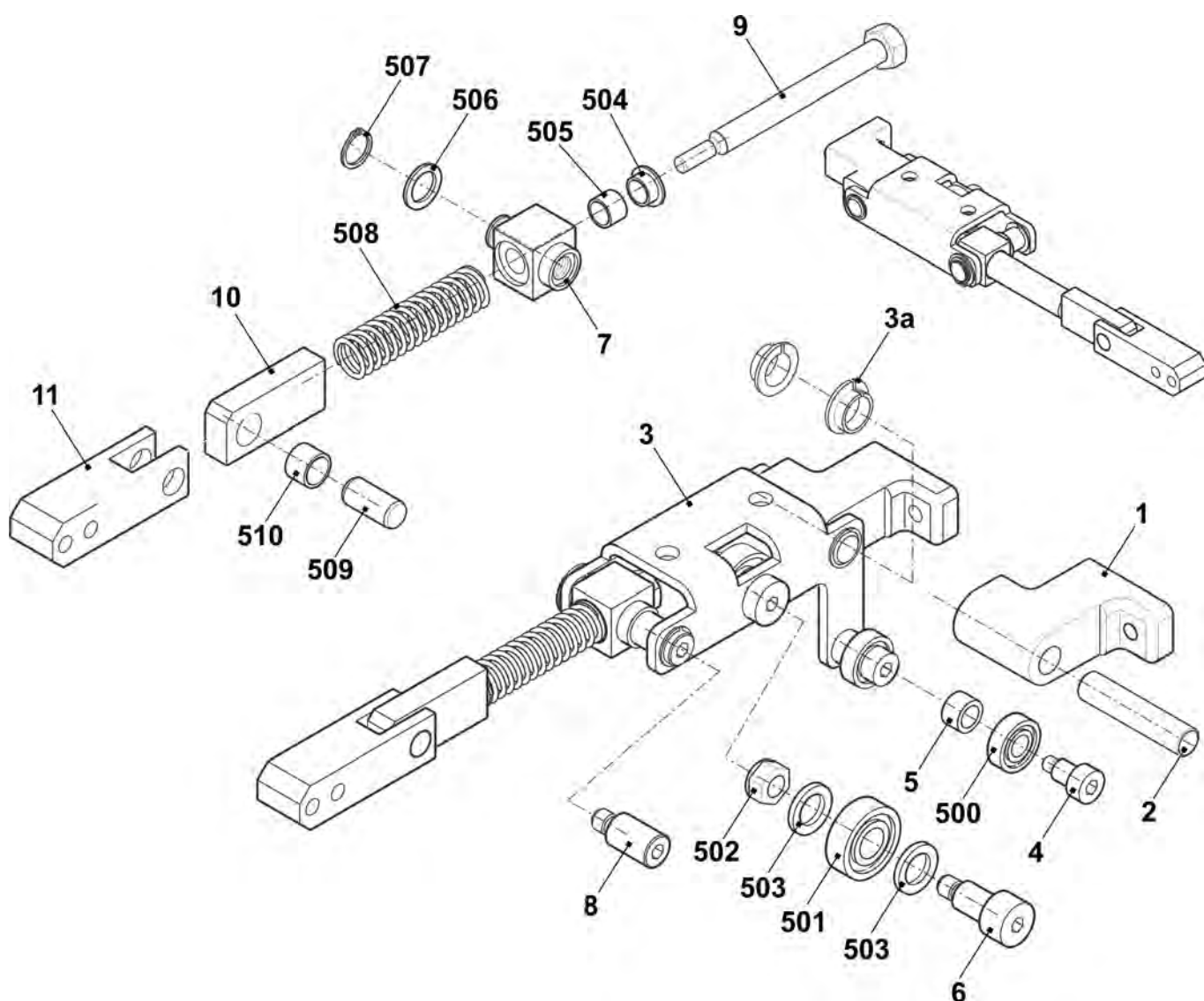
Closer shaft

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Main take-down closing device complete	237 352	16	Guide bush	235 623
4	Gear wheel	213 744	17	Eccentric	232 382
6	Shaft	237 180	18	Distance pipe	235 128
7	Shaft	237 181	502	Feather key A 6x6x25	023 017
8	Spacer	232 385	503	Set screw M6x8	023 723
9	Trip cam	232 383	504	Set screw M6x5	023 192
10	Coupling	232 604	508	Set collar A20	020 938
13	Support on the outside complete	235 248	510	Cap screw M4x25	023 302
13a	Support	234 780	511	Cap screw M4x14	023 604
14	Eccentric	235 135	513	Deep groove ball bearing 6004-2Z	022 720
15	Guide bush	234 876	901	Cap screw M10x16	023 895



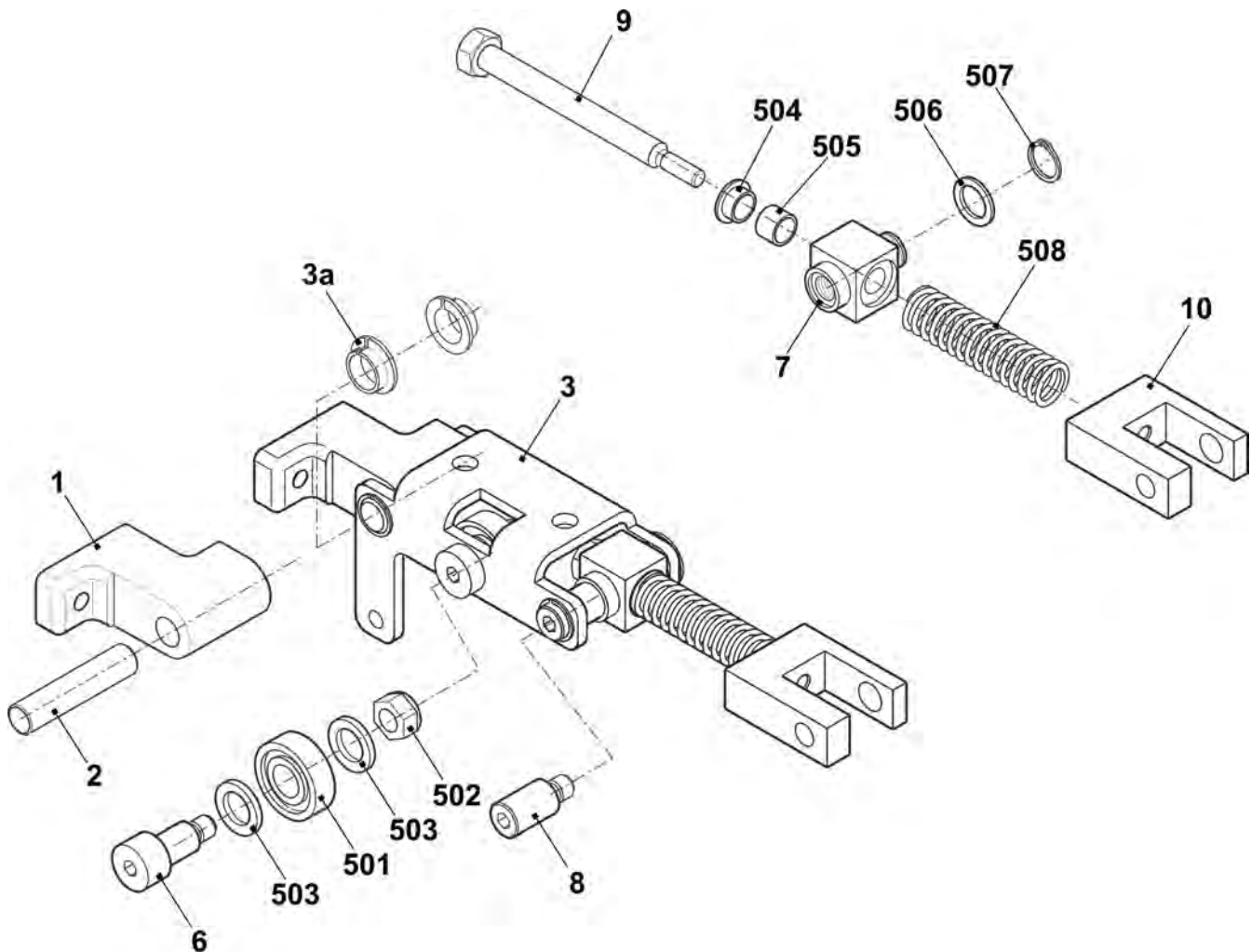
Left swivel holder

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Swivel support on the left complete	239 189	11	Lever	238 739
1	Support	239 163	500	Deep groove ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Deep groove ball bearing 6000-2Z	022 599
3	Bow on the left	239 184	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Adjusting washer 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Adjusting washer 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Locking ring 12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2.5x12.5x67.5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178

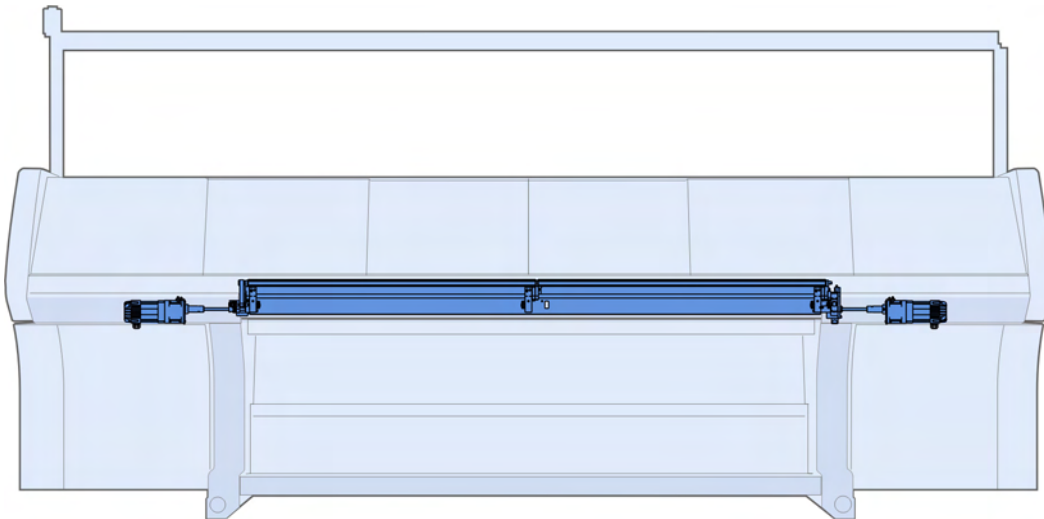


Swivel holder in the middle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Swivel support in the middle complete	239 188	10	Angle	238 778
1	Support	239 163	501	Deep groove ball bearing 6000-2Z	022 599
2	Bearing pin	239 164	502	Hexagon nut M8-8	022 843
3	Bow	238 974	503	Adjusting washer 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639	504	Slide bearing GFM-081014-06	023 358
6	Shoulder screw	239 132	505	Slide bearing GSM-0810-10	023 896
7	Swivel-mounted bearing	239 100	506	Adjusting washer 12x18x1	023 315
8	Bearing bolt	239 117	507	Locking ring 12x1	020 951
9	Spring mandrel on the inside	232 388	508	Compression spring 2.5x12.5x67.5	023 743

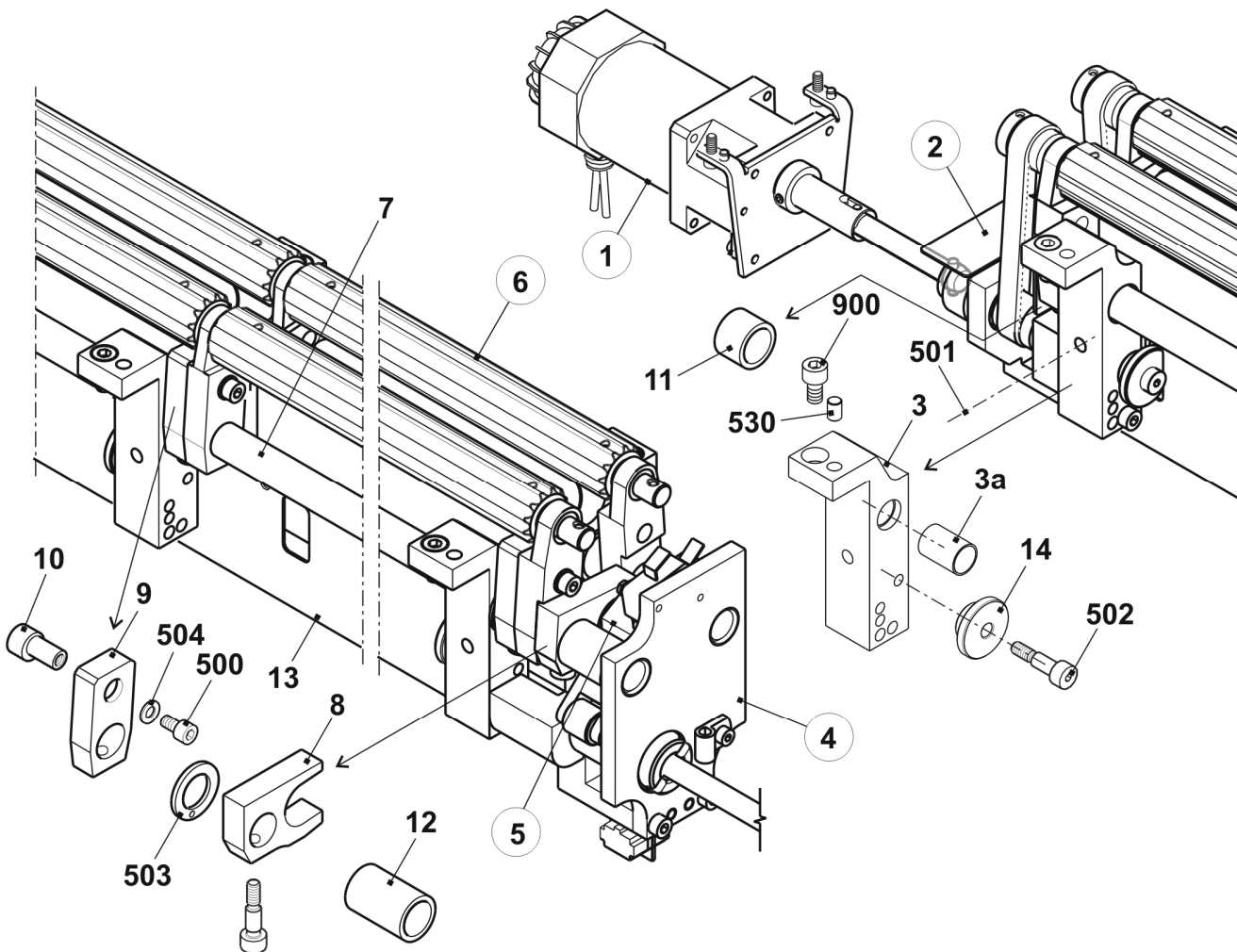


Auxiliary take-down



Auxiliary take-down

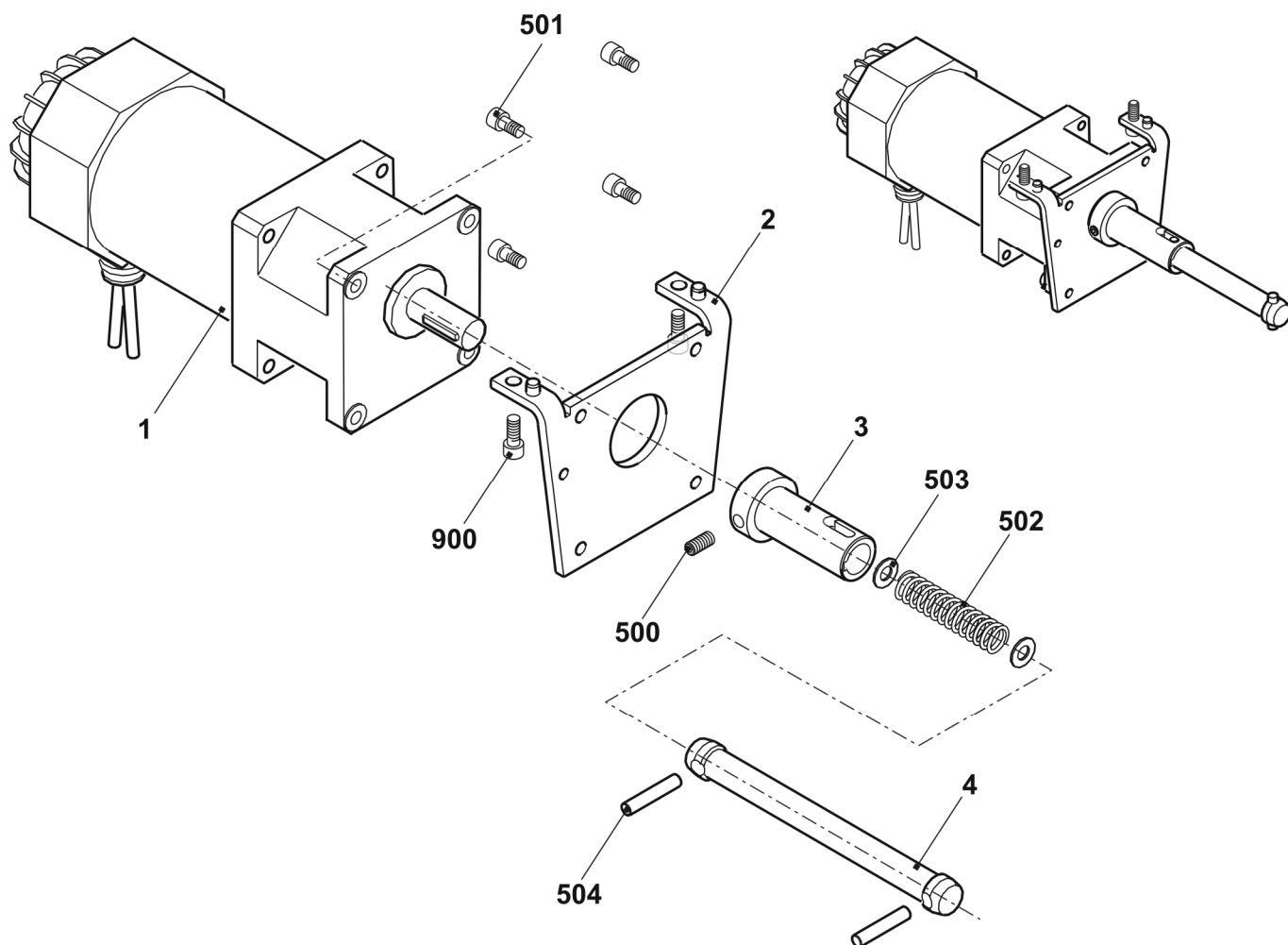
Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Auxiliary take-down	237 087	11	Distance pipe	235 189
1	Motor auxiliary take-down complete	235 602	12	Distance pipe	235 192
2	Bearing on the left	236 894	13	Cover plate	237 127
3	Support complete	235 354	14	Roll	235 178
3a	Slide bearing FSM-1517-20	237 060	500	Cap screw M4x10	022 918
4	Bearing at the right	235 353	501	Countersunk screw M4x8	023 579
5	Contact lever complete	235 356	502	Cap screw 6x10-12.9	235 448
6	Take-down roller complete	237 128	503	Stop disc GTM-1524-015	235 447
7	Contact shaft	237 126	504	Disc 5	020 871
8	Lever	235 164	530	Dowel pin 6M6x10	023 268
9	Clamping lever	235 156	900	Cap screw M6x12	020 134
10	Eccentric	236 952			



- Contact lever [→ 150]
- Left bearing of the auxiliary take-down [→ 148]
- Motor [→ 147]
- Right bearing of the auxiliary take-down [→ 149]
- Take-down roller [→ 151]

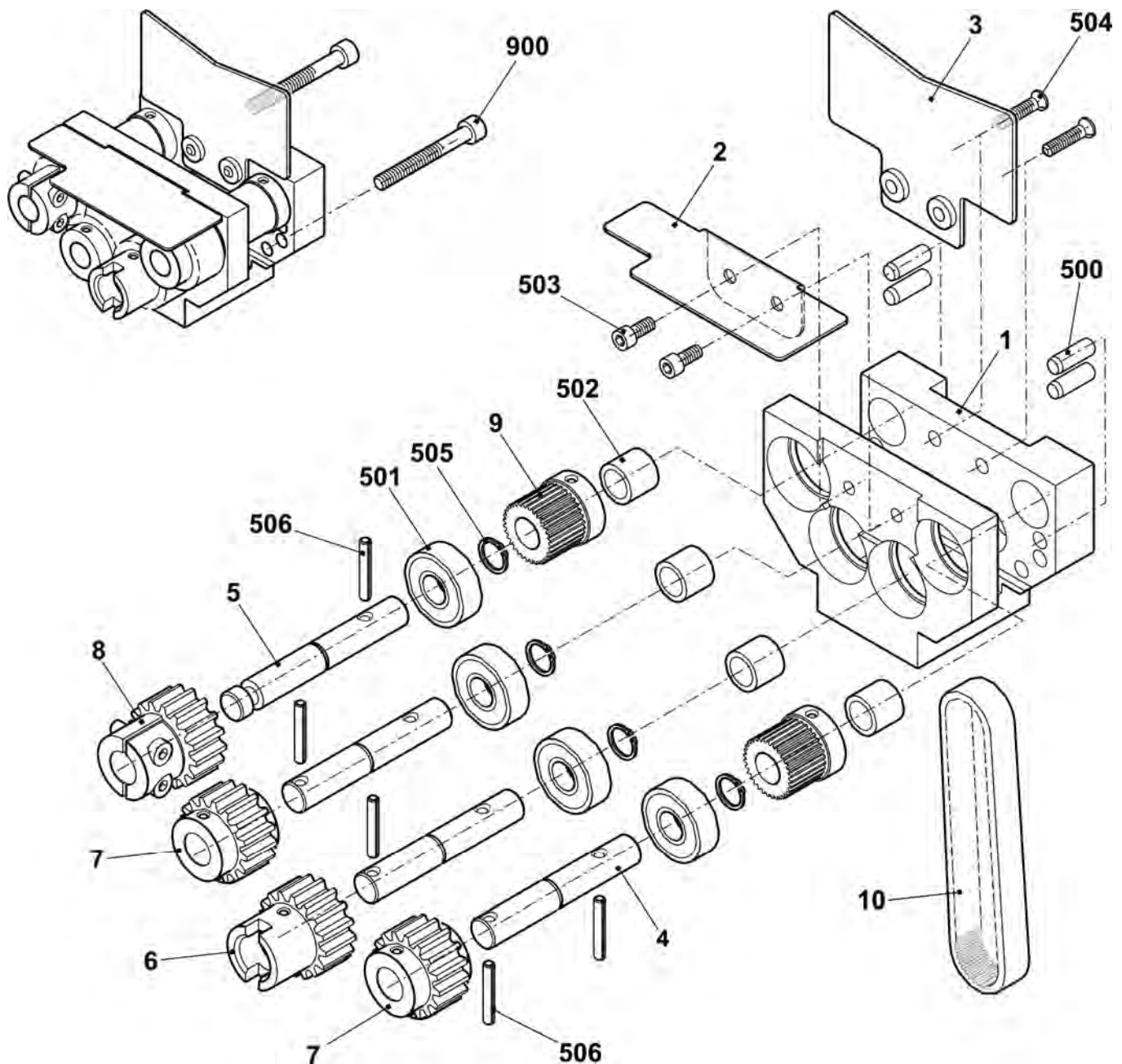
Motor

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Motor with 2 phases auxiliary take-down complete	235 602	501	Cap screw M6x16	020 135
1	Motor 1.8Nm 30min-1	234 805	502	Compression spring 0.63x10.97x40	023 500
2	Motor bracket	235 276	503	Adjusting washer 6x12x1	023 444
3	Drive sleeve	235 285	504	Dowel pin	023 716
4	Shaft	235 300	900	Cap screw M6x12	020 134
500	Set screw M6x10	023 543			



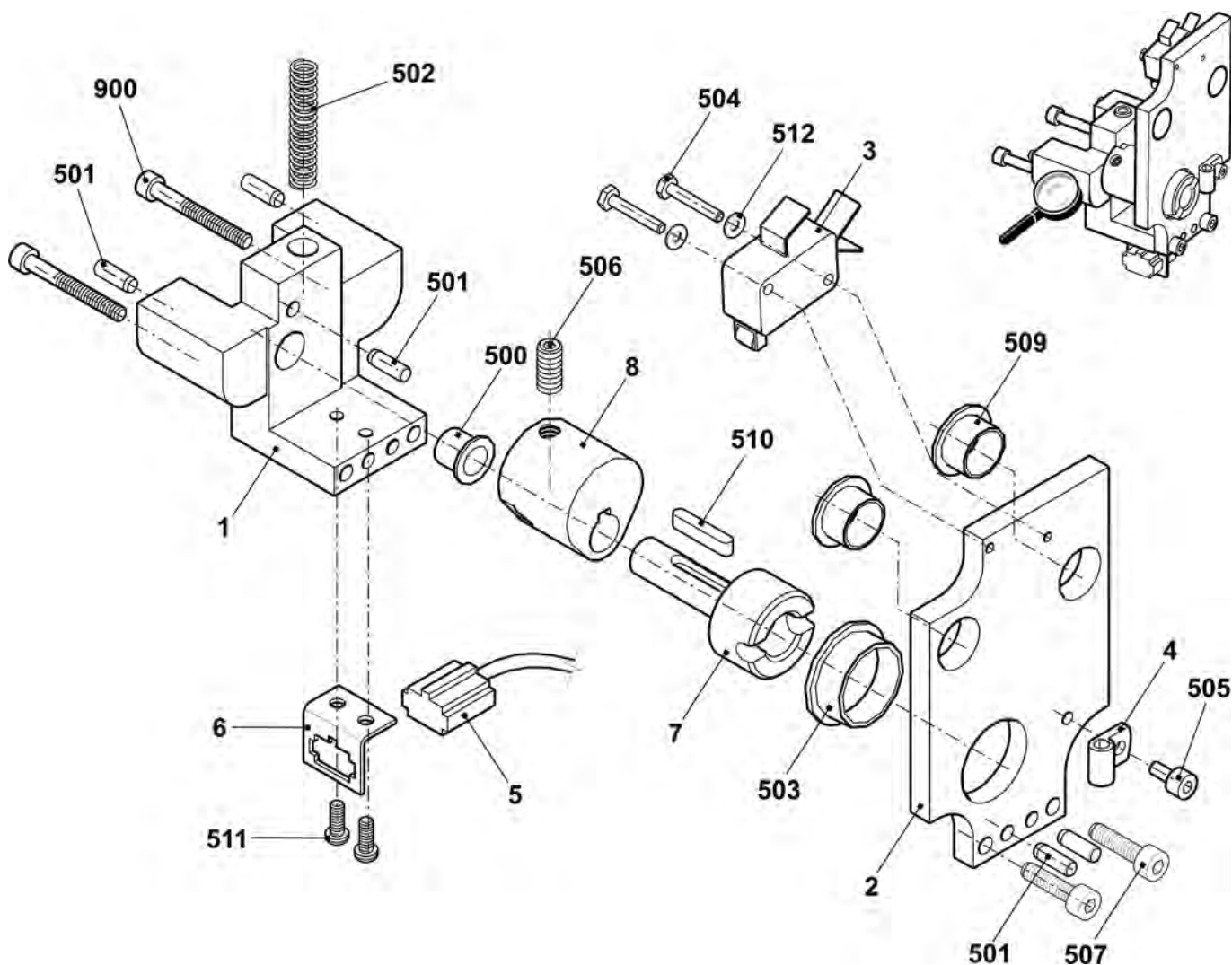
Left bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Bearing on the left	236 894	10	Toothed belt HPS5M NG CLEAN	237 118
1	Drive bearing	237 422	500	Setting pin 5x12	021 988
2	Cover plate	236 970	501	Deep groove ball bearing 61900-2RS1	023 714
3	Cover plate	237 037	502	Needle roller bearing 10x14x10	023 664
4	Bolt	236 964	503	Cap screw M4x8	022 501
5	Bolt	236 963	504	Countersunk screw M4x12	023 062
6	Gear wheel	236 914	505	Locking ring 10x1	020 950
7	Gear wheel	236 916	506	Spring dowel sleeve 3x18	237 059
8	Gear wheel	236 917	900	Cap screw M5x35	022 879
9	Timing belt pulley	237 043			



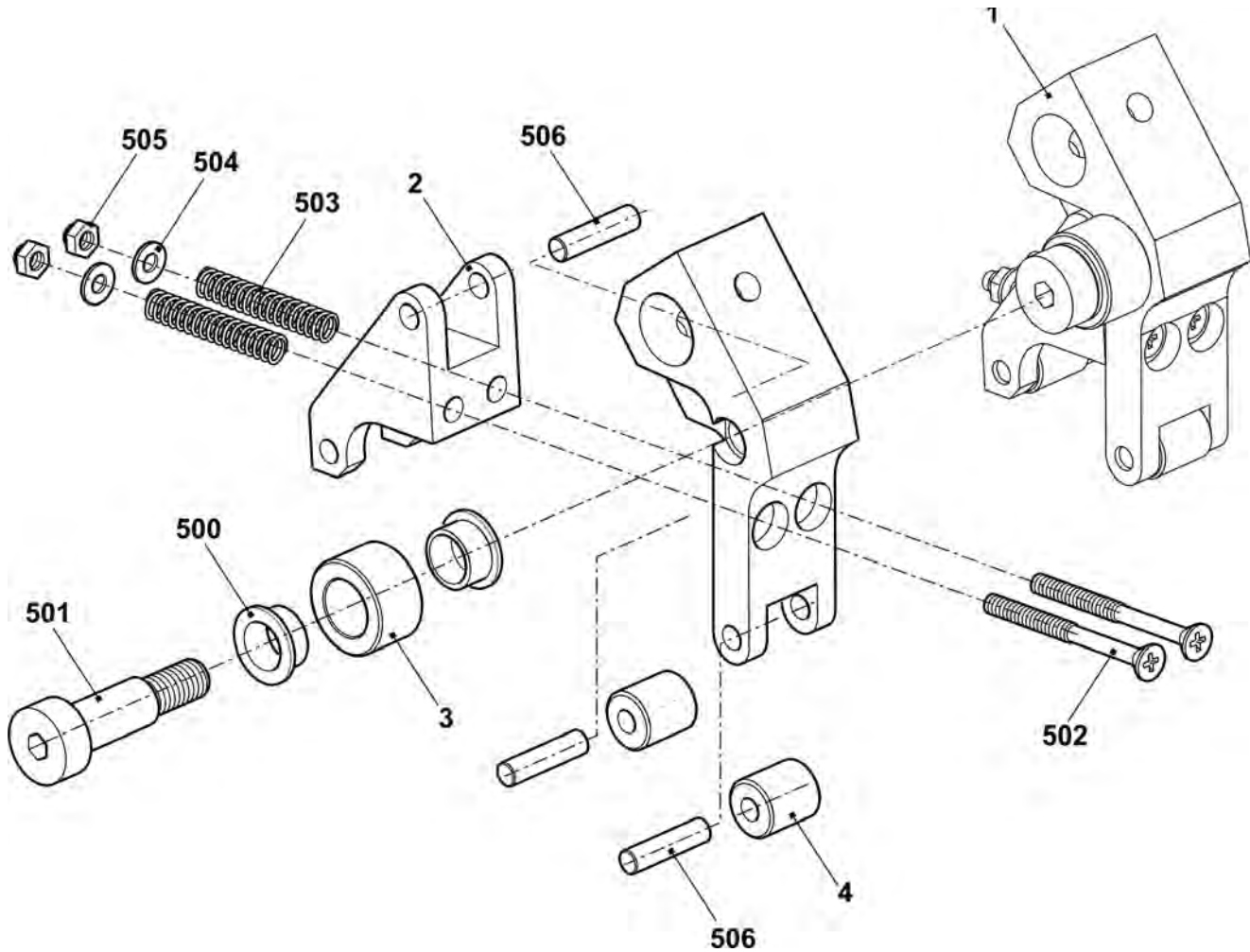
Right bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Bearing at the right	235 353	502	Compression spring 1,6x6,4x27,1	023 288
1	Bearing at the right	237 520	503	Slide bearing GFM-2427-07	023 712
2	Plate	235 168	504	Hexagon screw M3x16	237 058
3	Microswitch	026 259	505	Cap screw M4x8	022 501
4	Cable clip N-3B, 5 mm	210 729	506	Set screw M6x12	023 724
5	Cable switch HIAB St468	235 027	507	Cap screw M5x16	022 726
6	Sheet metal for plug	236 068	509	Slide bearing GFM -1517-09	235 342
7	Shaft	235 159	510	Feather key A 4x4x20	235 349
8	Eccentric	235 165	511	Countersunk screw M4x8	023 579
500	Slide bearing GFM - 101216-09	023 356	512	Washer 3	020 877
501	Setting pin 5x12	021 988	900	Cap screw M5x35	022 879



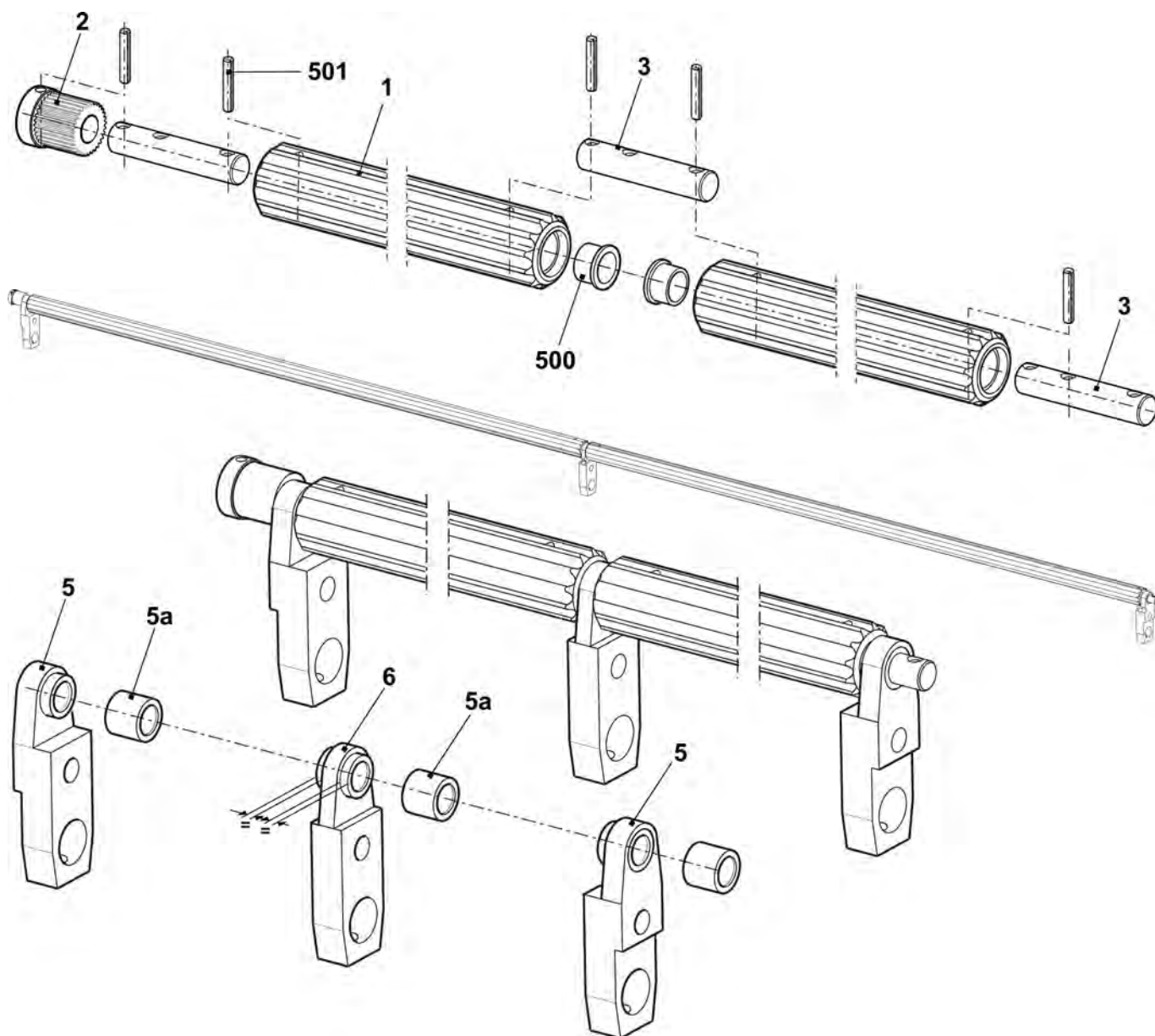
Contact lever

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Contact lever complete	235 356	501	Cap screw 10x16-12.9	023 748
1	Lever	235 172	502	Countersunk screw 1-M4x45	023 291
2	Tumbler lever	235 173	503	Compression spring 1,6x6,4x27,1	023 288
3	Roller	235 176	504	Washer 4-200hv	020 870
4	Roll	235 171	505	Hexagon nut M4-8	023 046
500	Slide bearing GFM-10x1216-06	023 280	506	Dowel pin	023 716

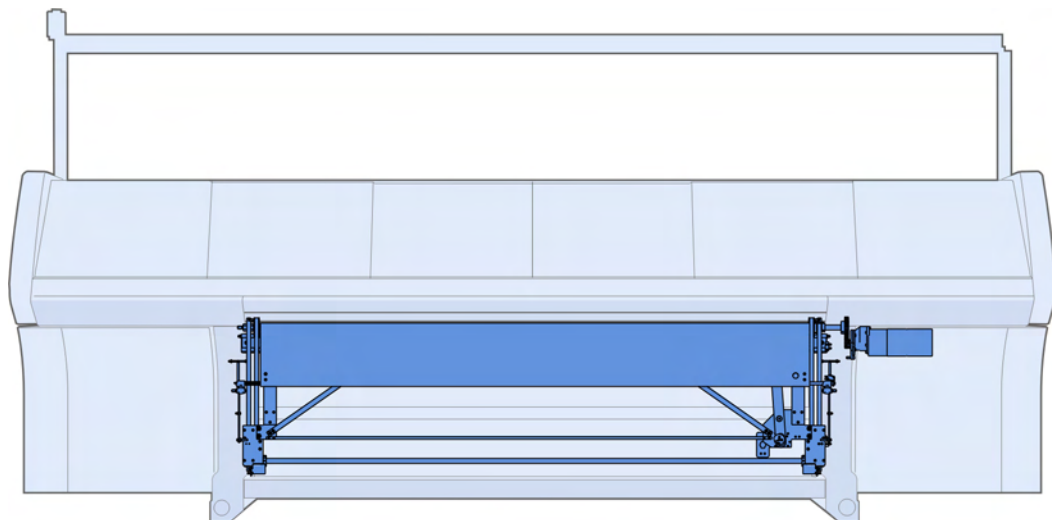


Take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Take-down roller complete	237 128			
1	Take-down roller	237 125	5a	Needle roller bearing 10x14x12	023 665
2	Timing belt pulley	237 043	6	Lever bearing in the middle complete	235 359
3	Bolt	236 973	500	Slide bearing GFM-101214-07	023 627
5	Lever bearing on the right/left complete	235 358	501	Spring dowel sleeve 3x18	237 059

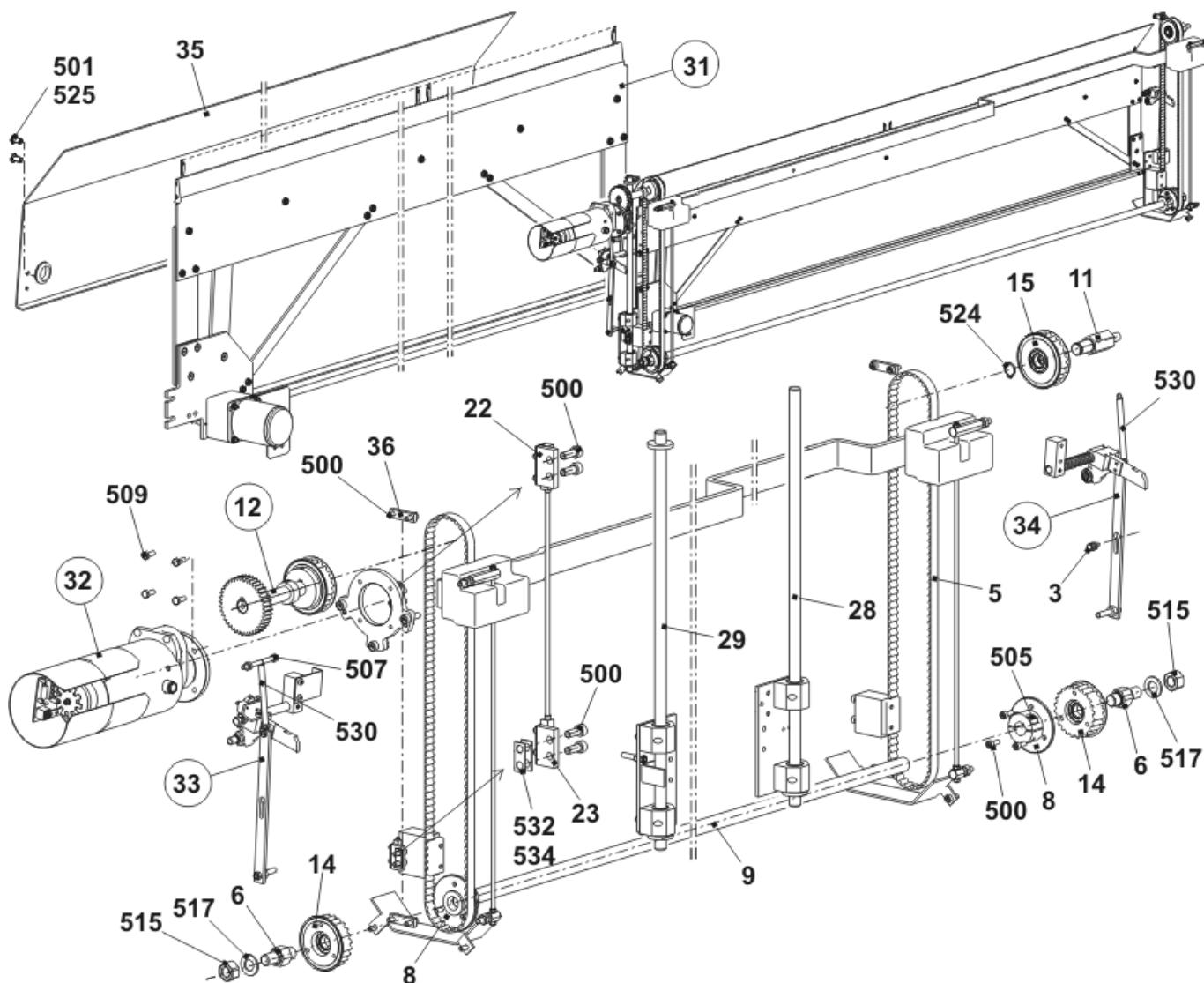


Comb take-down



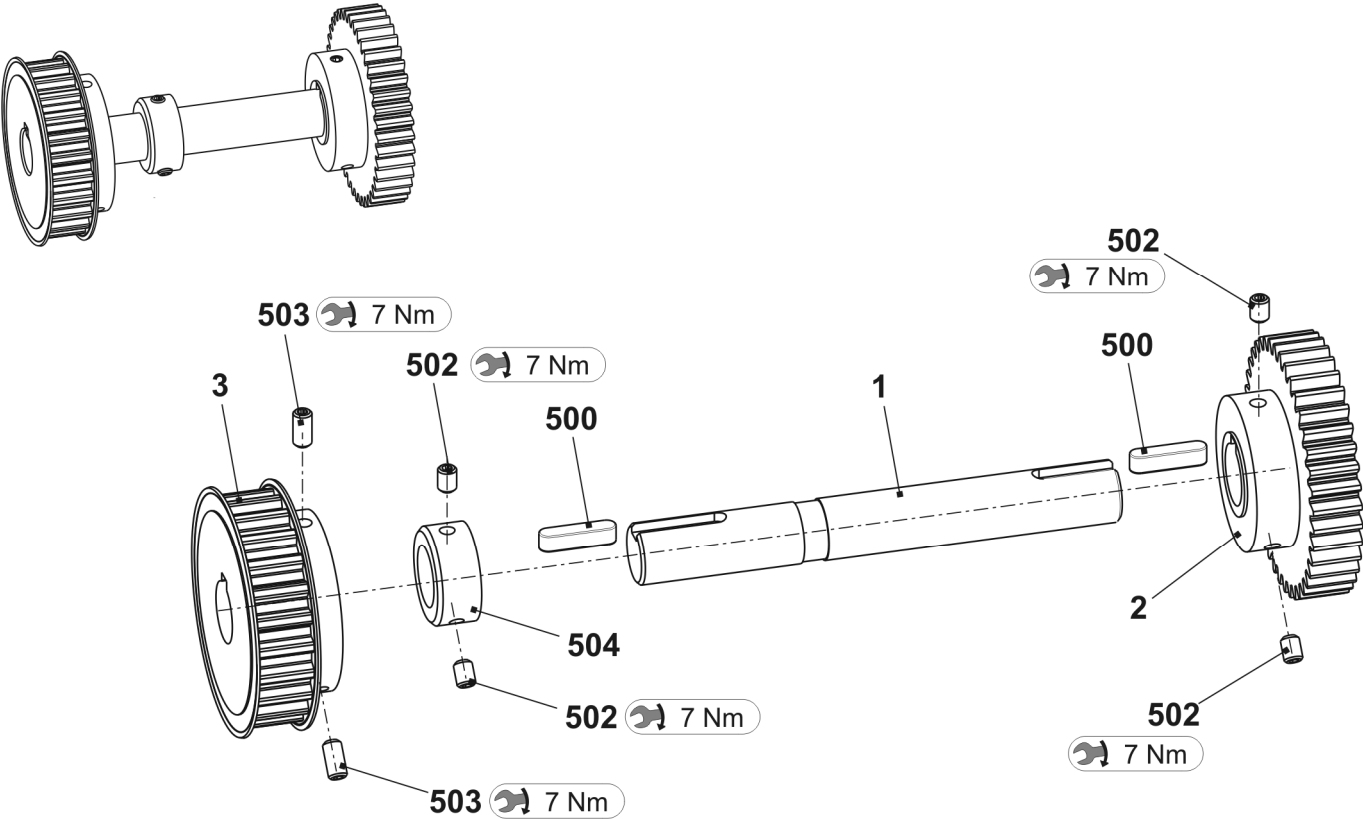
Comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Comb take-down		28	Comb guide on the left	240 110
	E5 + E5m.4 + E2,5.2	242 245	29	Comb guide on the right	240 109
	E7 + E7m.5 + E7m.8 + E3,5.2	242 246	31	Comb unit	
	E8 + E8m.7	242 247	32	Motor take-down + comb	214 279
	E10 + E10m.12 + E5.2	242 248	33	Pivot lever on the right	238 337
	E12 + E6.2(12m.10) + E6.2	242 249	34	Pivot lever on the left	238 338
	E14 + E7.2	242 250	35	Guide plate	241 931
	E16 + E8.2	242 251	36	Clamping plate	227 159
	E18	242 252	500	Cap screw M6X16	020 135
3	Bolt	222 152	501	Countersunk screw M5x10	023 247
5	Toothed belt	240 065	505	Cap screw M8X20	020 141
6	Eccentric pin	222 320	507	Cap screw M6X65	240 162
8	Flange	207 695	509	Hexagon screw M6X16	020 356
9	Shaft long	236 875	515	Hexagon nut	020 845
11	Bolt	207 689	517	Washer	020 876
12	Drive shaft comb complete	214 583	524	Locking ring 17x1	023 299
14	Timing belt pulley at the bottom complete	211 822	525	Serrated lock washer	022 489
15	Timing belt pulley at the top complete	211 823	530	Tension spring 8x1x45	022 158
22	Proximity switch at the top complete	231 516	532	Shim 0.2x12x27	023 735
23	Proximity switch at the bottom complete	231 520	534	Shim 0.5x12x27	023 736



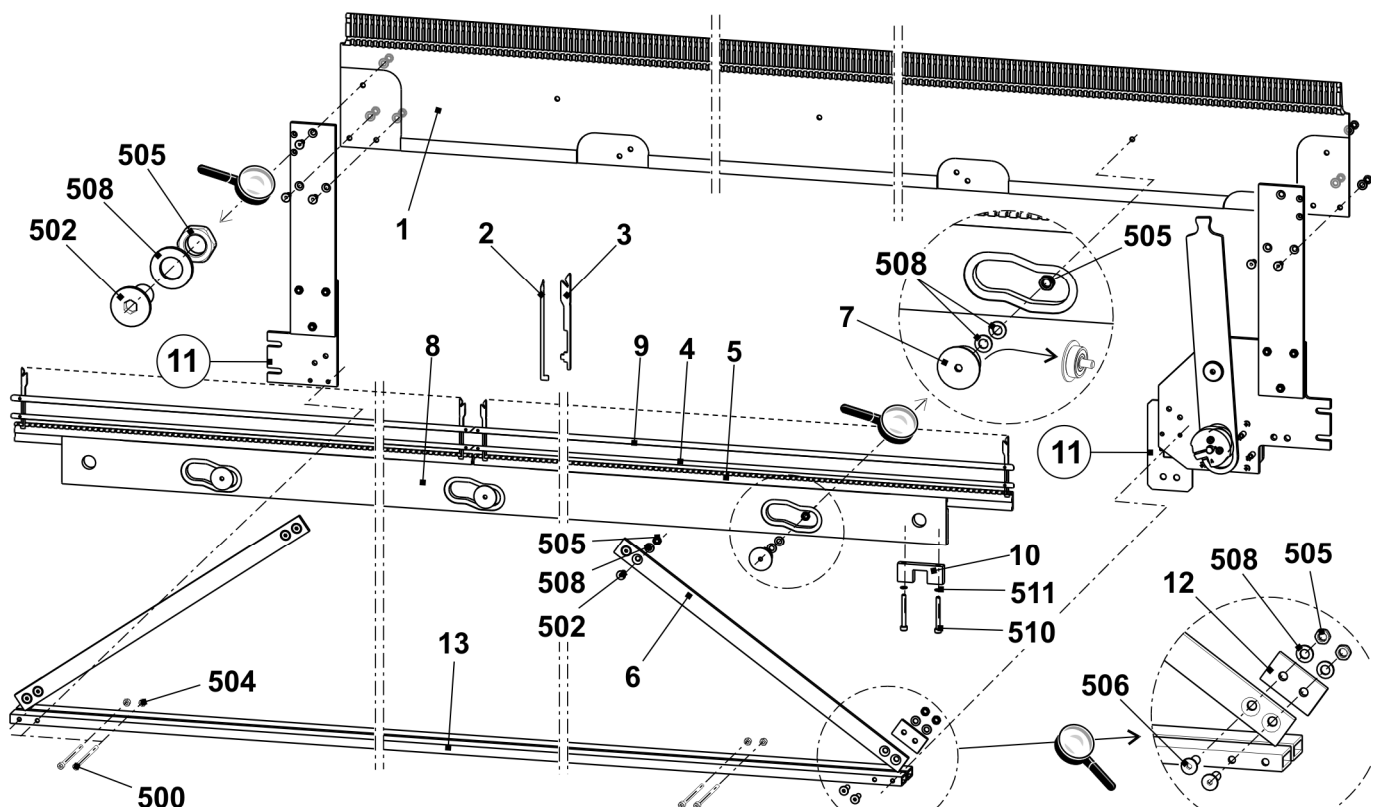
Drive shaft of comb complete

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Drive shaft of comb	214 583			
1	Shaft	213 969	500	Feather key A 6x6x25	023 017
2	Gear wheel z=40, m=2	213 744	502	Set screw M6x8	022 684
	Always order pos. 502 additionally		503	Set screw M6x12	023 898
3	Timing belt pulley at the top	206 394	504	Set collar	020 938
	Always order pos. 503 additionally				



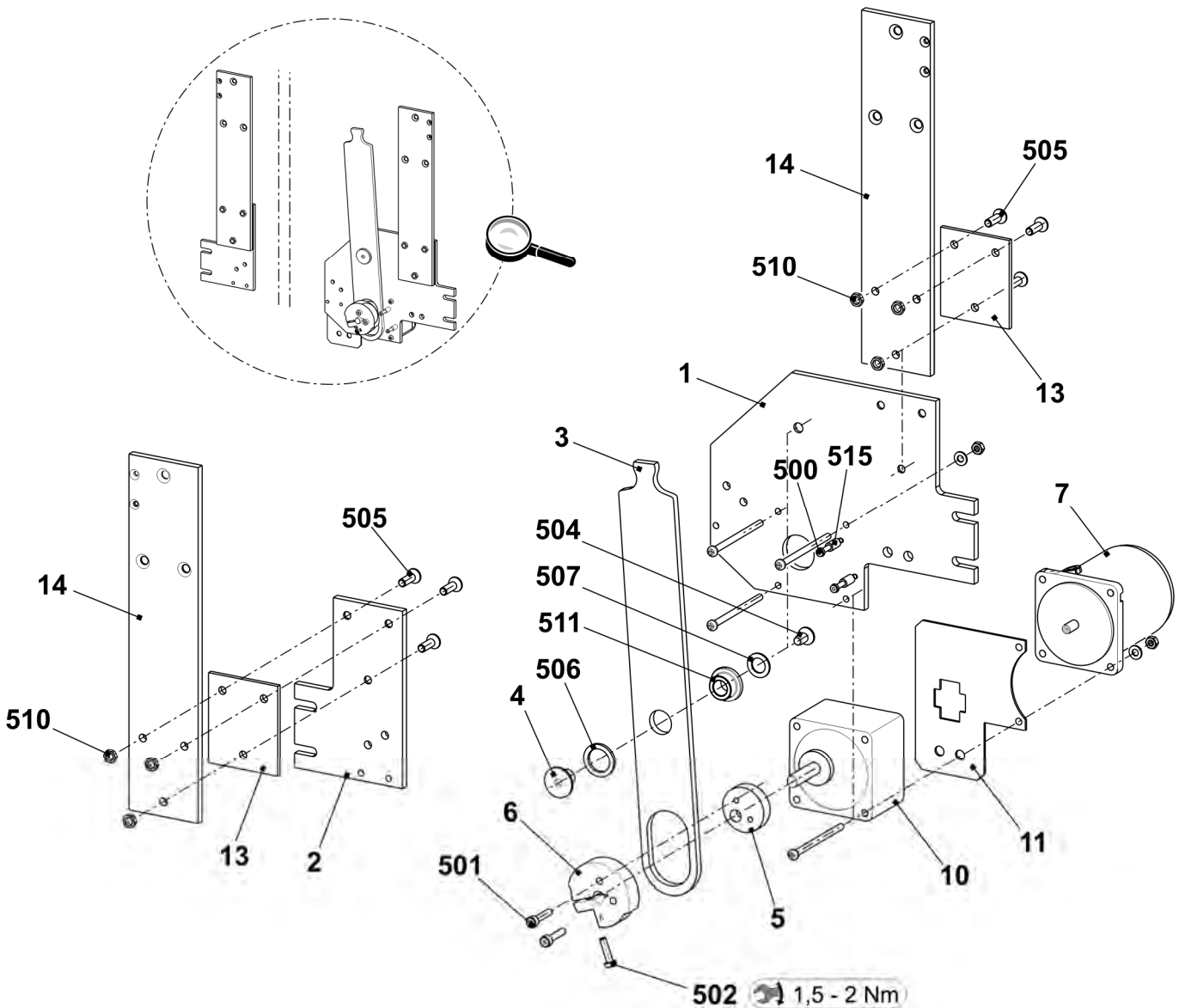
Comb unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Comb unit		3	Body	
	E5 + E5m.4 + E2,5.2	242 256		E10 + E10m.12 + E5.2	230 094
	E7 + E7m.5 + E7m.8 + E3,5.2	242 257		E12 + E6.2(12m.10) + E6.2	230 094
	E8 + E8m.7	242 258		E14 + E7.2	230 094
	E10 + E10m.12 + E5.2	242 259		E16 + E8.2	230 095
	E12 + E6.2(12m.10) + E6.2	242 260		E18	230 095
	E14 + E7.2	242 261			
	E16 + E8.2	242 262	4	Cover rail	237 065
1	Hook bed		5	Hook slider	
	E5 + E5m.4 + E2,5.2	237 468		E5 + E5m.4 + E2,5.2	237 463
	E7 + E7m.5 + E7m.8 + E3,5.2	237 469		E7 + E7m.5 + E7m.8 + E3,5.2	237 464
	E8 + E8m.7	237 694		E8 + E8m.7	237 466
	E10 + E10m.12 + E5.2	237 470		E10 + E10m.12 + E5.2	237 465
	E12 + E6.2(12m.10) + E6.2	237 471		E12 + E6.2(12m.10) + E6.2	237 466
	E14 + E7.2	237 472		E14 + E7.2	237 464
	E16 + E8.2	237 695		E16 + E8.2	237 466
2	Closer			E18	237 467
	E5 + E5m.4 + E2,5.2	230 105	7	Collar bolt complete	211 036
	E7 + E7m.5 + E7m.8 + E3,5.2	230 105	8	Cross slider	237 069
	E8 + E8m.7	230 105	9	Cover rail	237 074
	E10 + E10m.12 + E5.2	230 106	10	Drive box	205 678
	E12 + E6.2(12m.10) + E6.2	230 106	11	Switch lever complete	240 060
	E14 + E7.2	230 106	12	Intermediate plate	218 742
	E16 + E8.2	230 107	13	Stabilizer	237 056
3	Body		500	Cap screw M4x50	023 102
	E5 + E5m.4 + E2,5.2	230 093	502	Countersunk head screw M5x12	023 340
	E7 + E7m.5 + E7m.8 + E3,5.2	230 093	504	Hexagon nut M4-8	023 046
	E8 + E8m.7	230 093	505	Hexagon nut M5-04	020 854
			508	Washer 5-200	020 871
			510	Cap screw M4x35	023 550
			511	Circlip	022 774



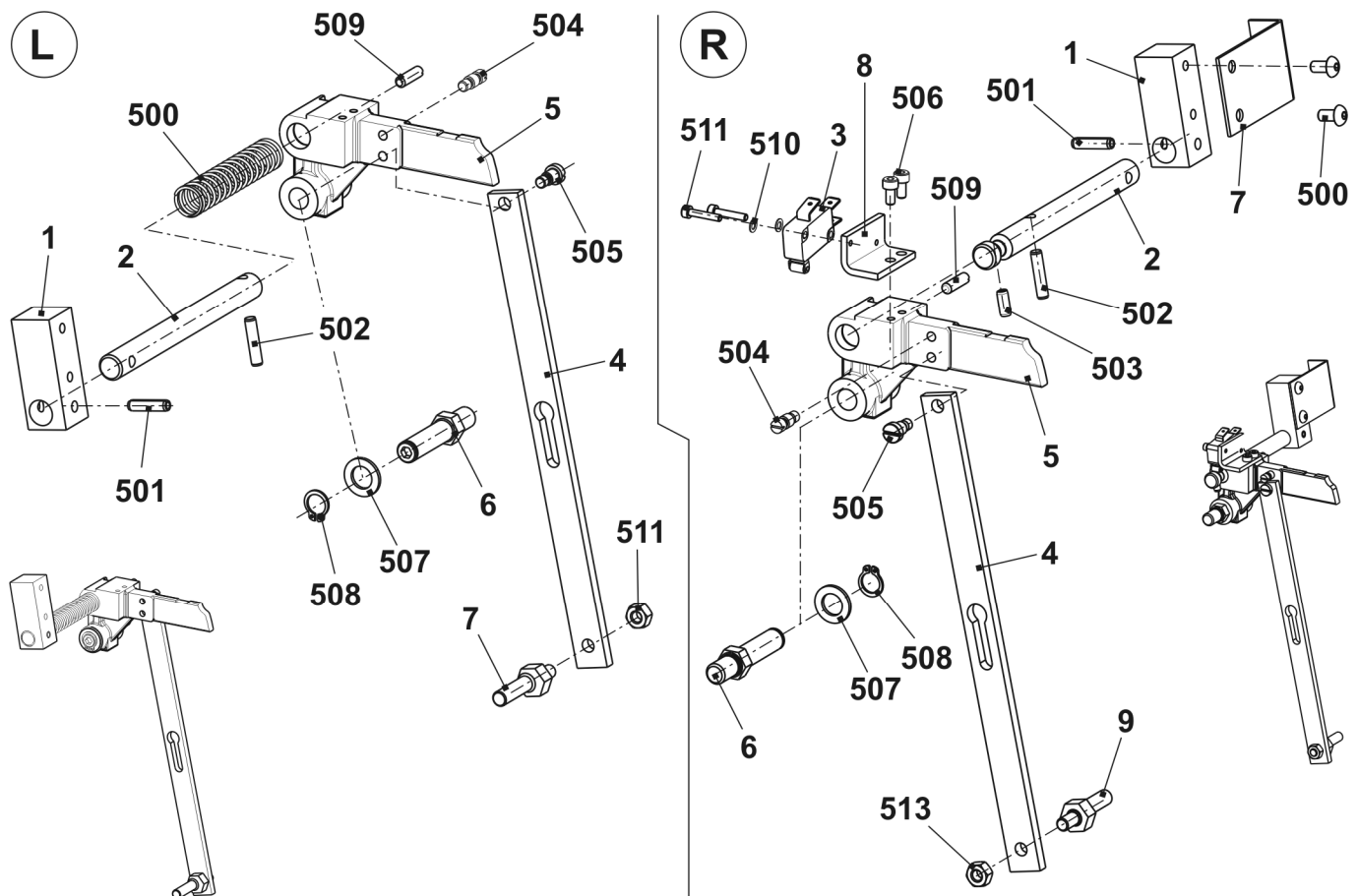
Switch lever comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Switch lever complete	240 060	10	Gear 2GN50K	213 986
1	Screwing plate on the right	240 058	11	Cable holder	215 543
2	Screwing plate on the left	240 059	13	Intermediate plate	213 980
3	Lever	215 228	14	Retaining plate	218 977
4	Bearing bolt	215 675	500	Cap screw M3x25	023 093
5	Eccentric	205 681	501	Cap screw M4x20	023 171
6	Tension lifter	215 287	502	Cap screw M4x16	023 123
7	Motor comb hook 515	213 872			



Pivot lever comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Pivot lever on the left	238 338	Σ R	Pivot lever on the right	238 337
1	Support	224 004	1	Support	224 004
2	Shaft	223 994	2	Shaft	238 339
4	Drive box	241 964	3	Microswitch	026 259
5	Pivot lever	239 248	4	Drive box	241 964
6	Bolt	214 053	5	Pivot lever	239 248
7	Eccentric bolt	243 225	6	Bolt	214 053
500	Compression spring 1.4x13.6x93	023 572	7	Angle	224 009
501	Spring dowel sleeve ISO8752-5x20	020 794	8	Angle	238 304
502	Dowel pin 5x22	023 716	9	Eccentric bolt	243 225
504	Cap screw M5x11x17	204 318	500	Countersunk screw M5x10	023 247
505	Shoulder screw M5x5.8x6.2	023 365	501	Spring dowel sleeve 5x20	020 794
507	Washer 10-200	020 884	502	Dowel pin 5x22	023 716
508	Locking ring	020 950	503	Spring dowel sleeve 5x12	020 793
509	Shoulder screw M5x12x18	020 539	504	Cap screw M5x11x17	204 318
511	Hexagon nut M6-6	022 899	505	Shoulder screw M5x5.8x6.2	023 365
			506	Cap screw M4x8	022 501
			507	Washer 10-200	020 884
			508	Locking ring 10x1	020 950
			509	Cap screw M5x12x18	020 539
			510	Cap screw M3x16	022 583
			511	Washer 3-200	020 877
			513	Hexagon nut M6-6	022 899

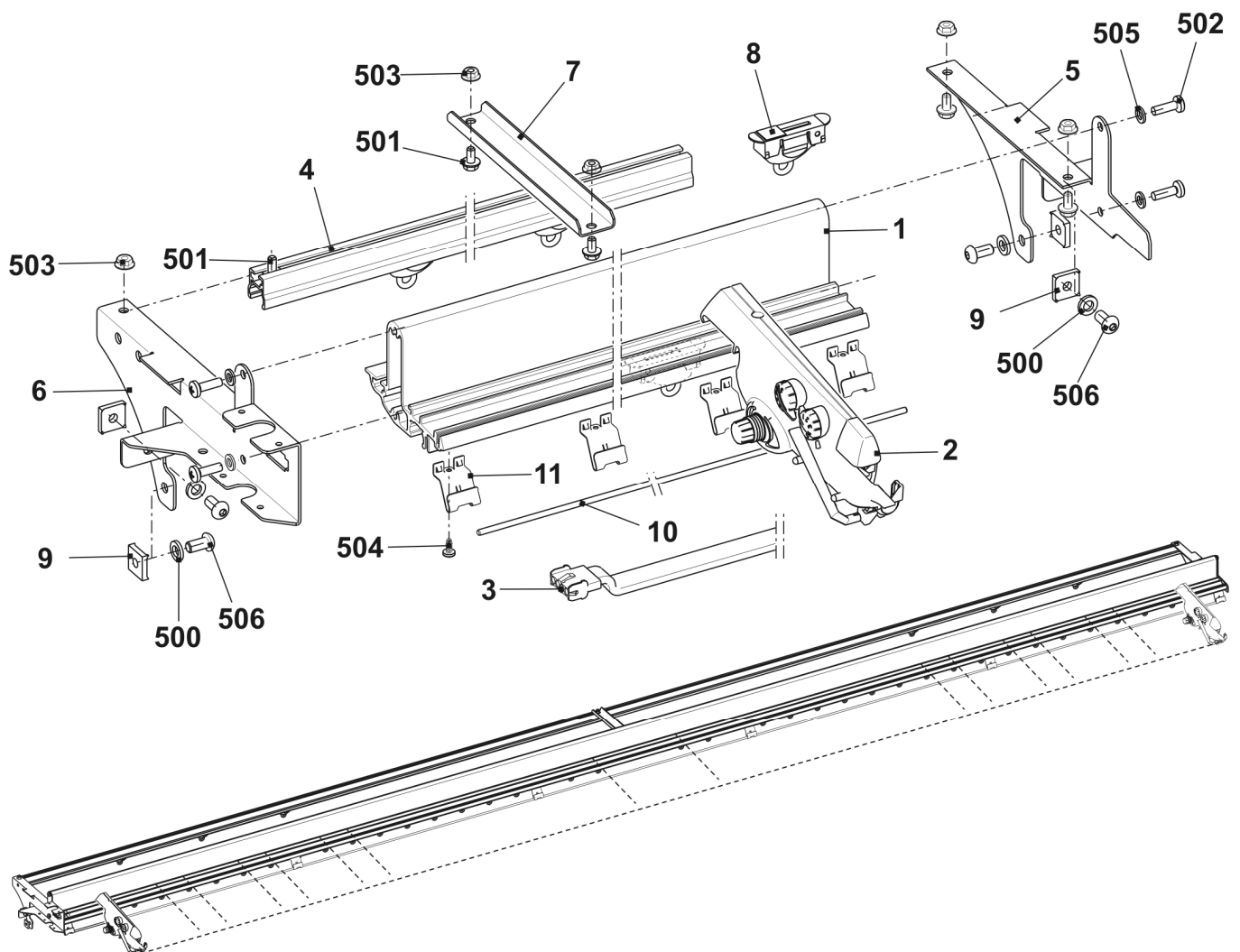


Yarn delivery device



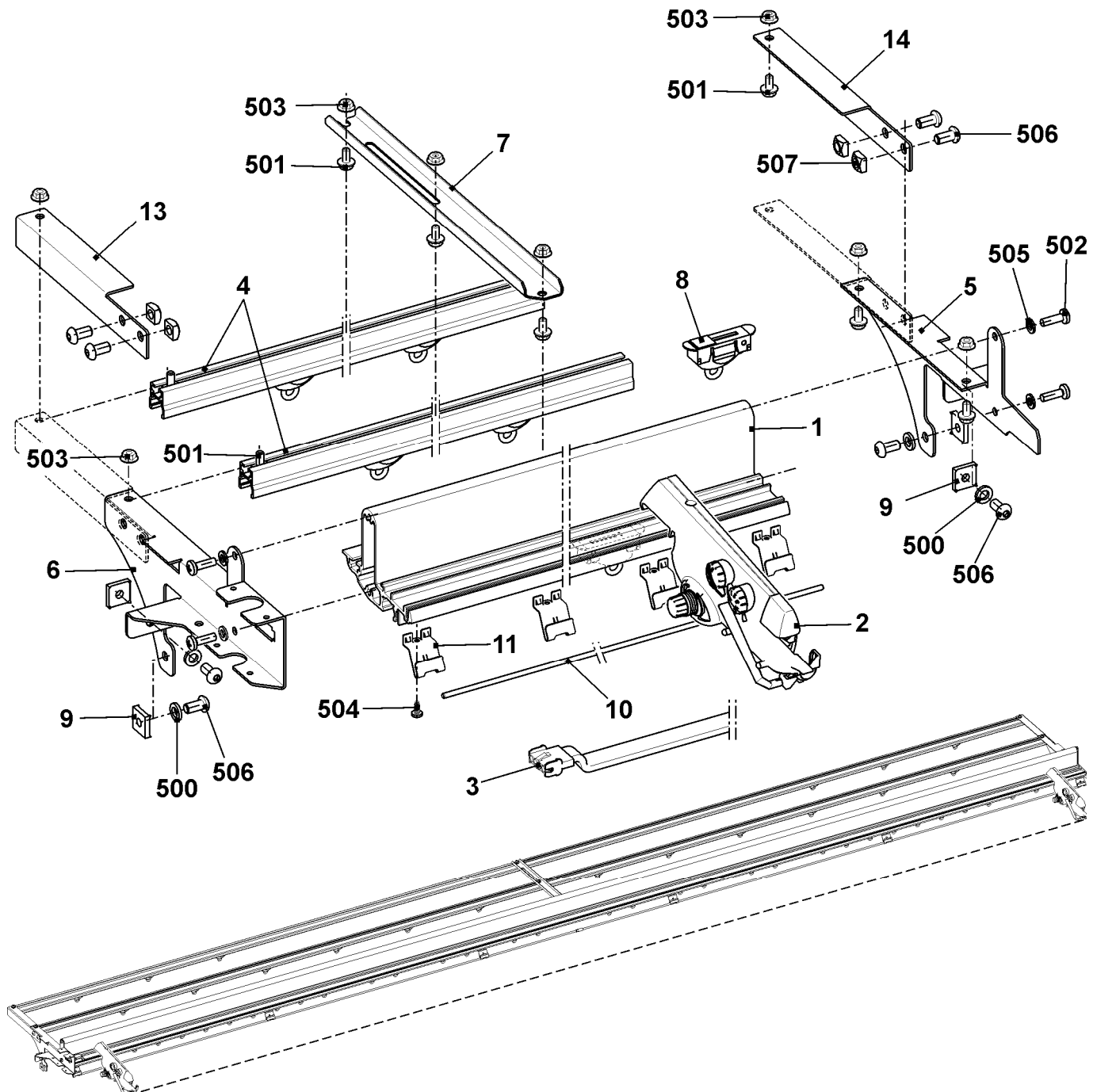
Yarn guide system from 20 to 26 FKE

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	20 Yarn control units	240 685	9	Sliding block	228 851
	26 Yarn control units	242 269	10	Wire 5.0x1901mm	236 933
1	Support	240 678	11	Rod holder	238 274
2	Yarn control device (FKE)	237 124	500	Serrated lock washer	023 388
3	Connection cable FKE-3 84"	240 349	501	Ratchet screw M6X12	023 415
4	Yarn guide bar	236 932	502	Screw M6x20	023 721
5	Support on the right	243 782	503	Ripp safety nut M6-10	023 414
6	Support on the left	243 781	504	Sheet metal screw ST4.2x9.5-F	243 075
7	Support	243 792	505	Washer 6-200	022 431
8	Yarn guide bracket complete	241 581	506	Countersunk screw M8x16	023 113



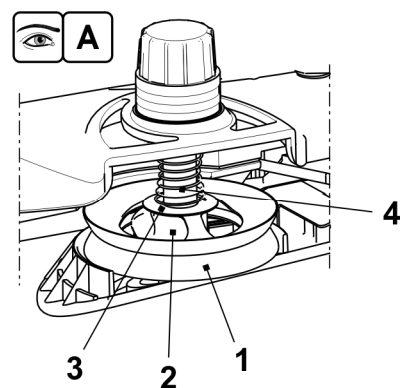
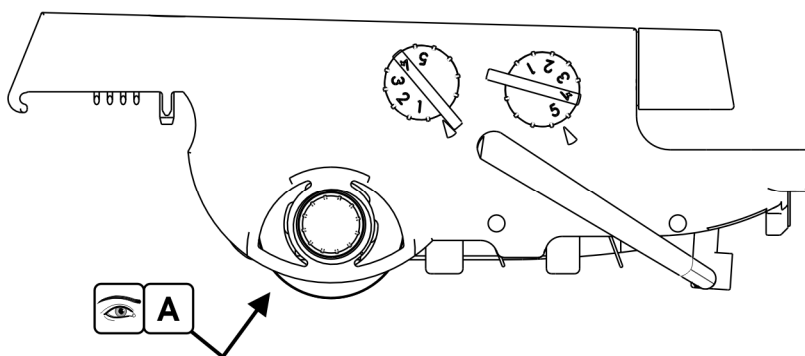
Yarn guide system with 32 FKE

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	32 Yarn control units	242 991	11	Rod holder	238 274
1	Support	240 678	13	Support on the left	243 602
2	Yarn control device (FKE)	237 124	14	Support on the right	243 603
3	Connection cable FKE-3 84"	240 349	500	Serrated lock washer	023 388
4	Yarn guide bar	236 932	501	Ratchet screw M6X12	023 415
5	Support on the right	243 782	502	Screw M6x20	023 721
6	Support on the left	243 781	503	Ripp safety nut M6-10	023 414
7	Support	239 295	504	Sheet metal screw ST4.2x9.5-F	243 075
8	Yarn guide bracket complete	241 581	505	Washer 6-200	022 431
9	Sliding block	228 851	506	Countersunk screw M6x16	023 113
10	Wire 5.0x1901mm	236 933	507	Square nut M8	023 269



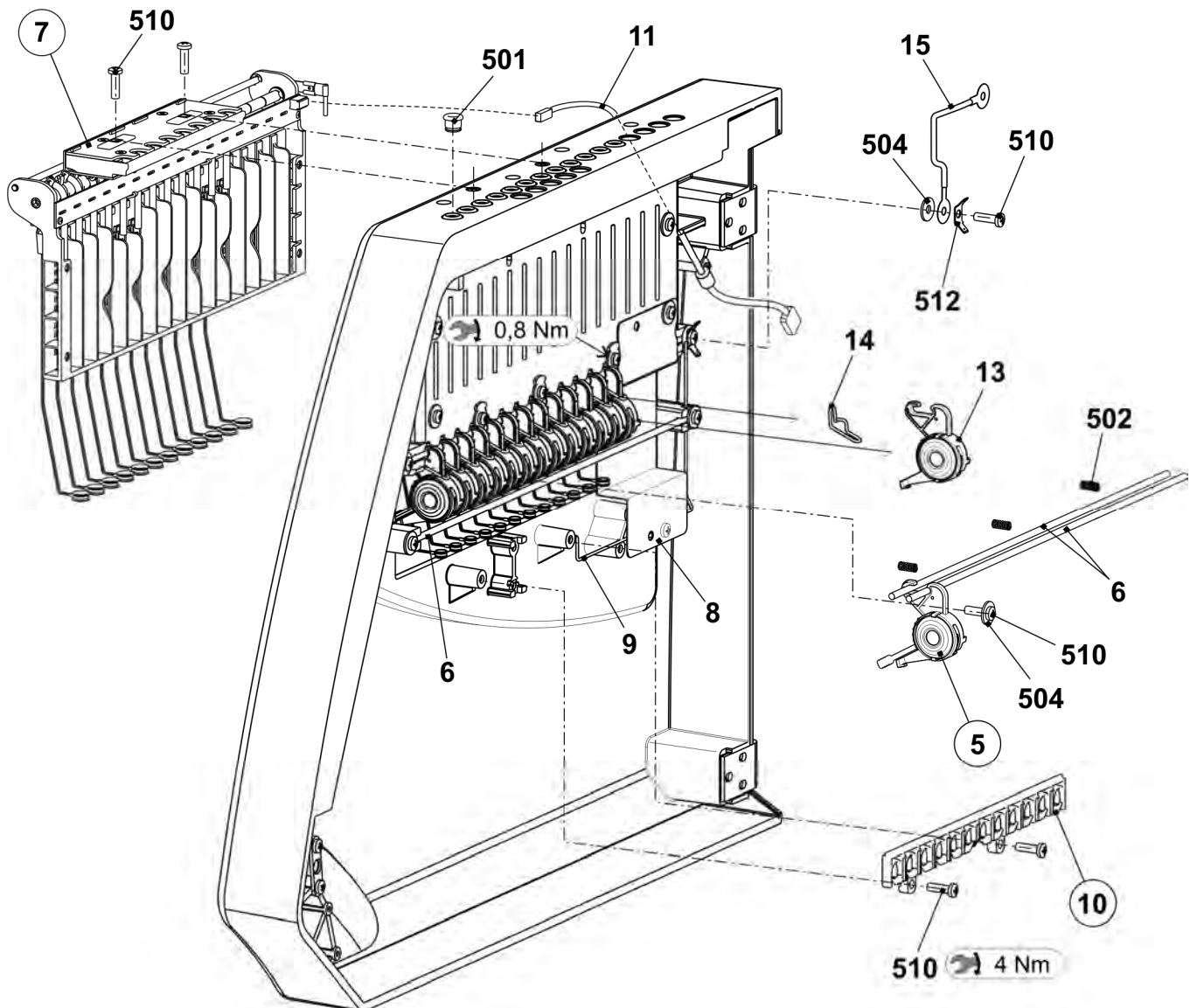
Yarn control unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn control unit	237 124	3	Disc	216 372
1	Yarn brake settings	216 365	4	Compression spring	244 488
2	Porcelain eyelet of thread brake	244 407			



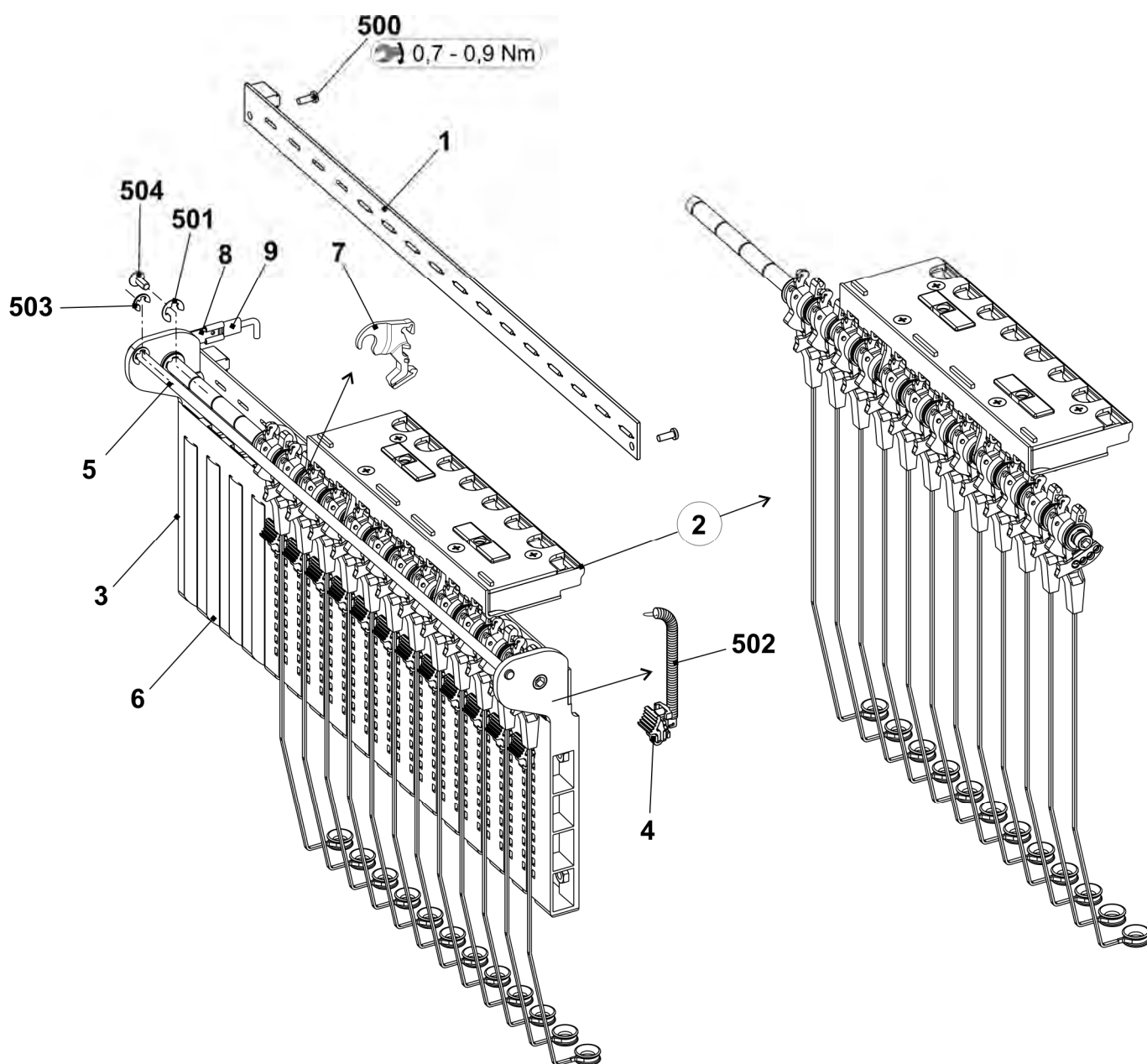
Left yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left safety cover with fittings and lateral yarn guide		9	Wire bow on the left	241 370
	E3 - E5	241 271	10	Yarn deflector	242 011
	E7 - E8	241 272	11	Connection cable slack tensioner OKC	240 808
	E10 - E18	241 273	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left complete		501	Ceramic eyelet	240 640
	E3 - E5	241 363	502	Compression spring 0.90x5.40x13.60	241 360
	E7 - E8	241 364	504	Washer	022 537
	E10 - E18	241 365	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



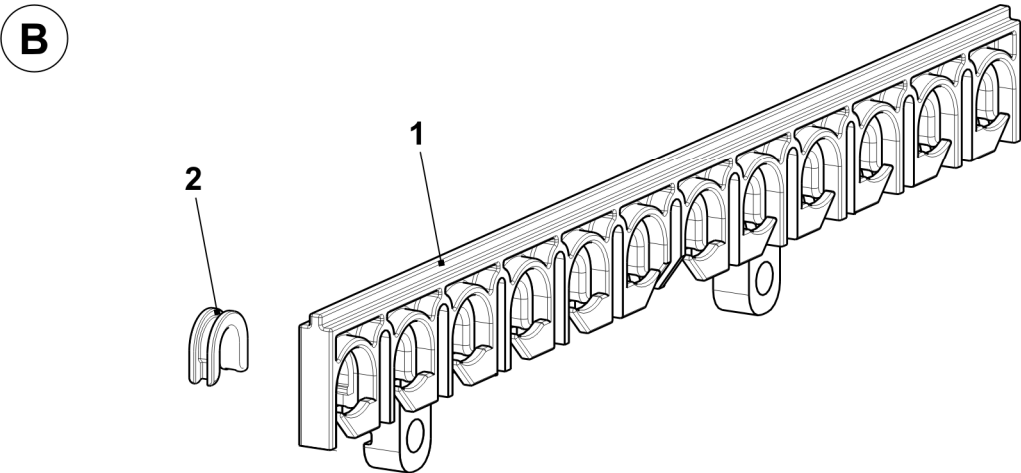
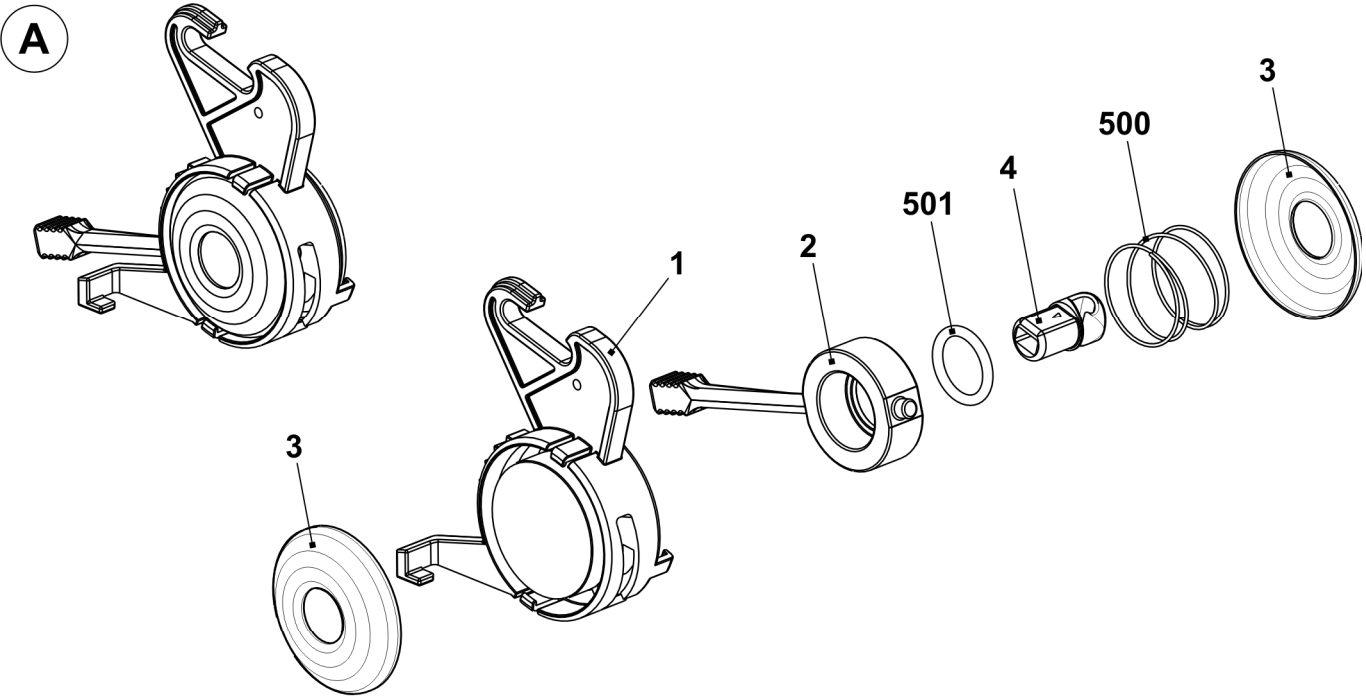
Left yarn tensioner

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the left		6	Cover	242 268
	E3 – E5	241 363	7	Spacer	242 048
	E7 – E8	241 364	8	Grounding sheet metal of tension axle	243 121
	E10 – E18	241 365	9	Ground cable slack tensioner OKC	243 105
1	Card slack tensioner 16-fold on the left	241 345	500	Screw KB 30x8	236 228
2	Tension axle on the left complete		501	Circlip	021 022
	E3 – E8	241 366	502	Tension spring 5,05x0,55x53 (E3-E5)	023 502
	E10 – E18	241 381		Tension spring 4,9x0,5x53 (E7-E8)	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 (E10-E18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



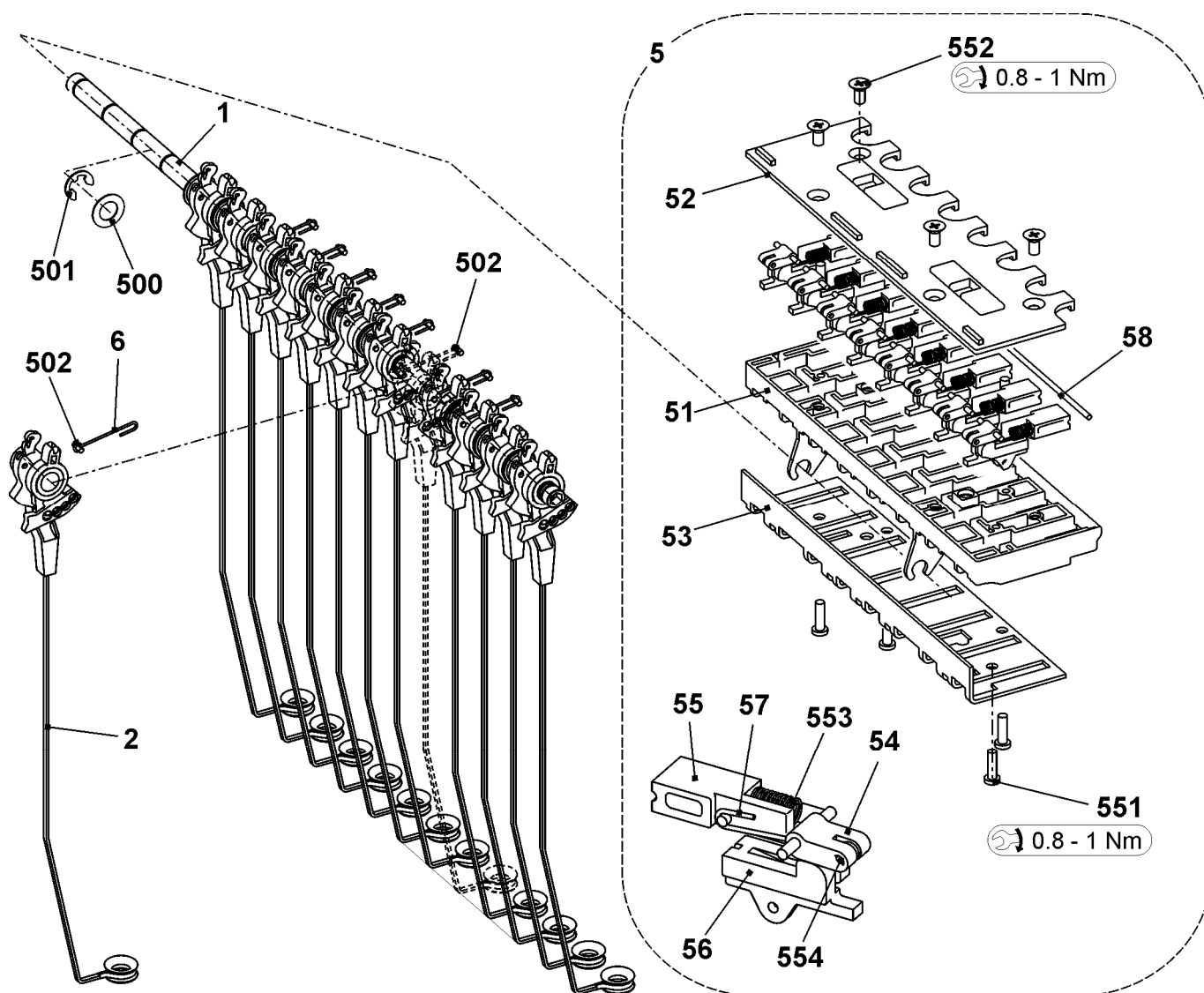
Yarn brake and yarn deflector

Pos	Designation	Ident No	Pos	Designation	Ident No
A	Yarn brake complete	244 347	B	Yarn deflector	242 011
1	Support	240 607	1	Support yarn deflector	242 009
2	Slider	240 606	2	Ceramic eyelet open	240 733
3	Brake setting	244 355			
4	Ceramic eyelet open	243 778			
500	Compression spring 0.65x20.15x14.80	241 361			
501	O-ring 11x2	241 434			



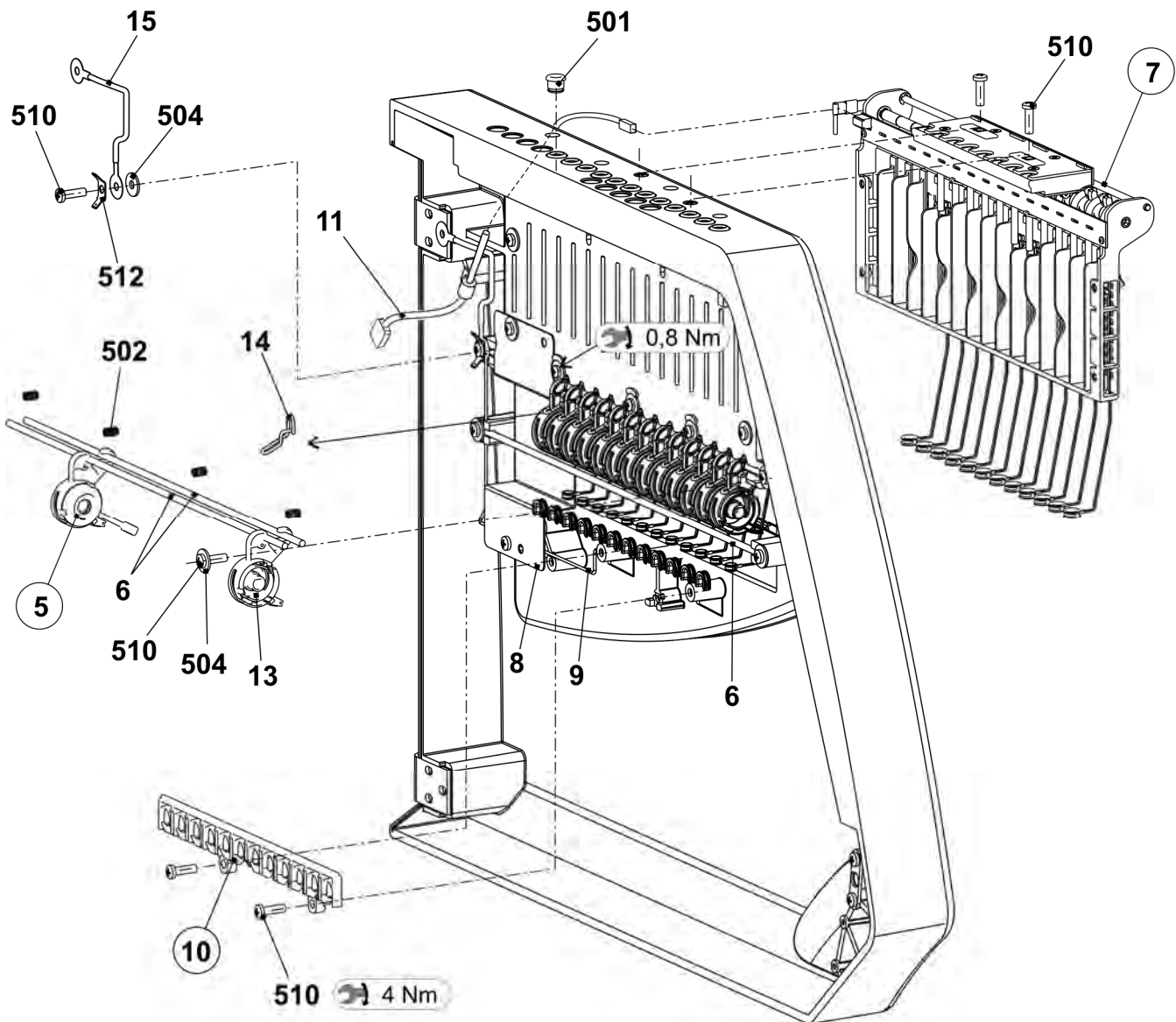
Left tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension axle on the left complete		5	Thread clamp AKF	238 695
	E3 – E8	241 366	51	Housing AKF	238 689
	E10 – E18	241 381	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (Housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E3 – E8	242 770	55	Thrust piece AKF	238 690
	E10 – E18	242 771	56	Slider AKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Adjusting washer 8x14x0.5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



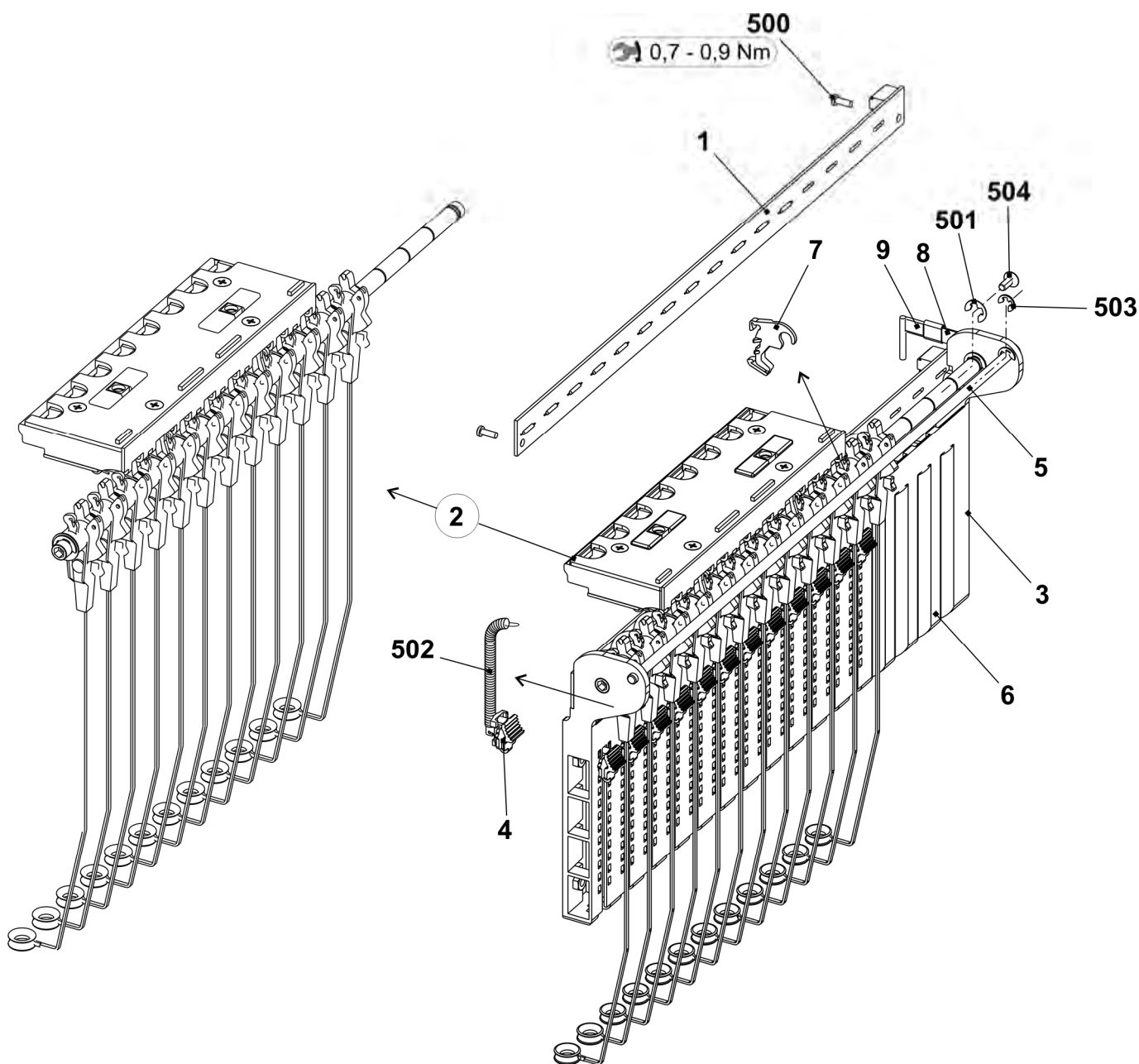
Right yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Right safety cover with fittings and lateral yarn guide		9	Wire bow on the right	241 369
	E3 - E5	241 274	10	Yarn deflector	242 011
	E7 - E8	241 275	11	Connection cable slack tensioner OKC	240 808
	E10 - E18	241 276	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete		501	Ceramic eyelet	240 640
	E3 - E5	241 382	502	Compression spring 0.90x5.40x13.60	241 360
	E7 - E8	241 383	504	Washer	022 537
	E10 - E18	241 384	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



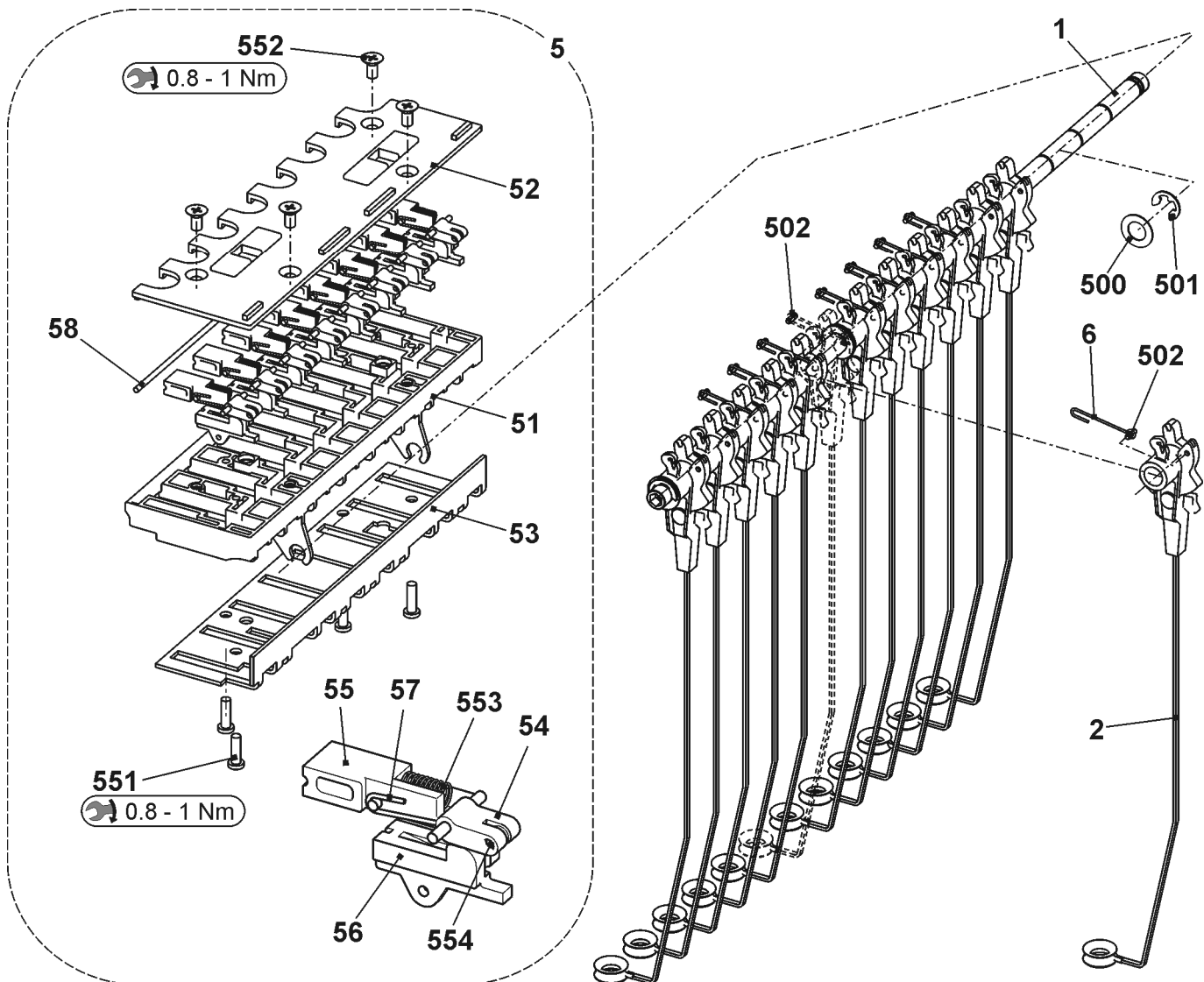
Right yarn tensioners

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the right		6	Cover	242 268
	E3 – E5	241 382	7	Spacer	242 048
	E7 – E8	241 383	8	Grounding sheet metal of tension axle	243 121
	E10 – E18	241 384	9	Ground cable slack tensioner OKC	243 105
1	Card slack tensioner 16-fold on the right	241 346	500	Screw KB 30x8	236 228
2	Tension axle on the right complete		501	Circlip	021 022
	E3 – E8	241 379	502	Tension spring 5,05x0,55x53 (E3-E5)	023 502
	E10 – E18	241 380		Tension spring 4,9x0,5x53 (E7-E8)	023 503
3	Housing	241 367		Tension spring 4,9x0,45x53 (E10-E18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



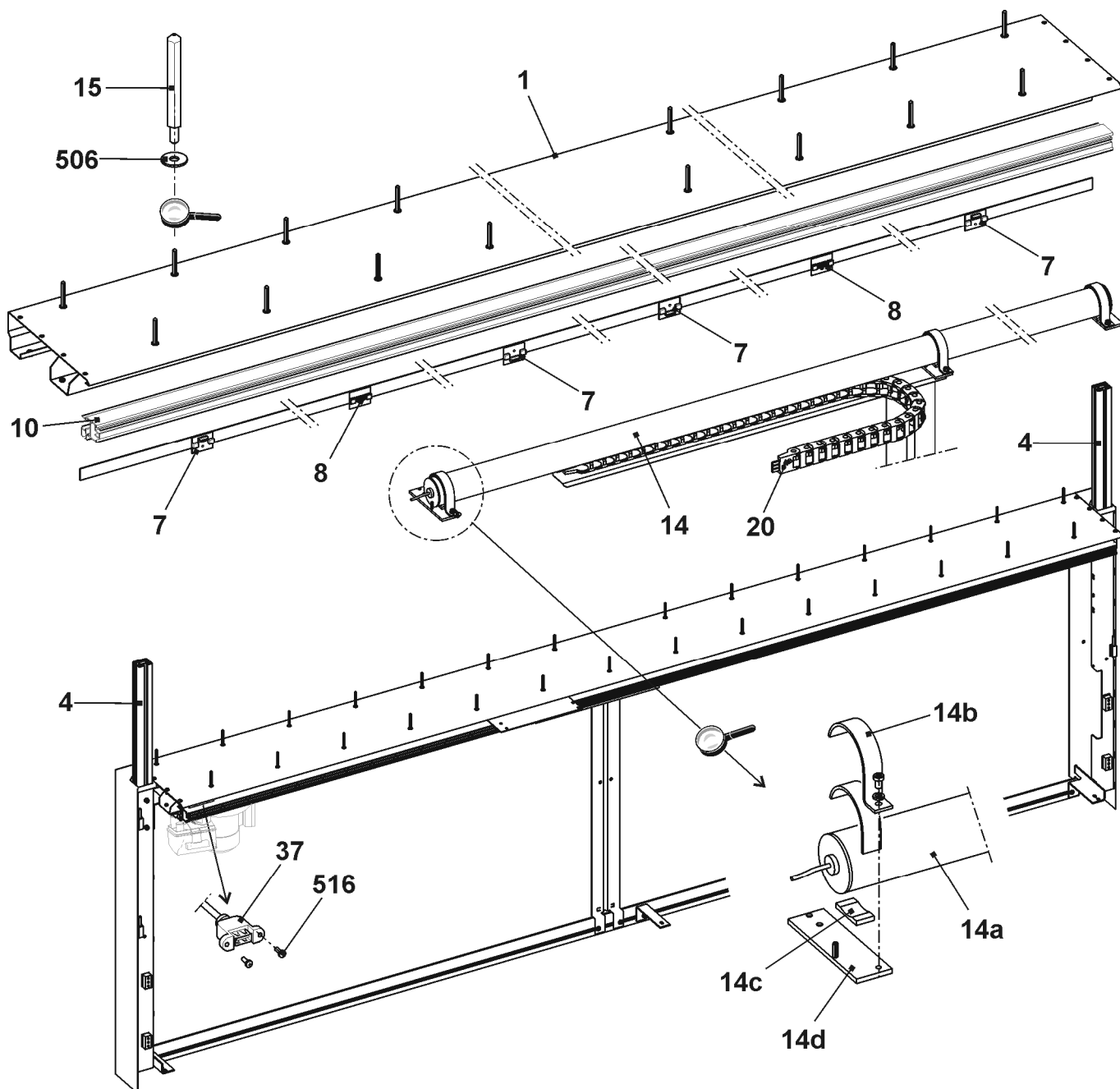
Right tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension axle on the right complete		5	Thread clamp AKF	238 695
	E3 – E8	241 379	51	Housing AKF	238 689
	E10 – E18	241 380	52	Cover AKF	237 926
1	Axle	243 107	53	Sheet metal at the bottom (Housing AKF)	240 719
2	Tension arm pre-assembled		54	Lever AKF	238 692
	E3 – E8	242 770	55	Thrust piece AKF	238 690
	E10 – E18	242 771	56	Slider AKF	238 691
6	Wire bow	238 694	57	Wire bow	238 694
500	Adjusting washer 8x14x0.5	023 501	58	Wire	237 940
501	Circlip	021 022	551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



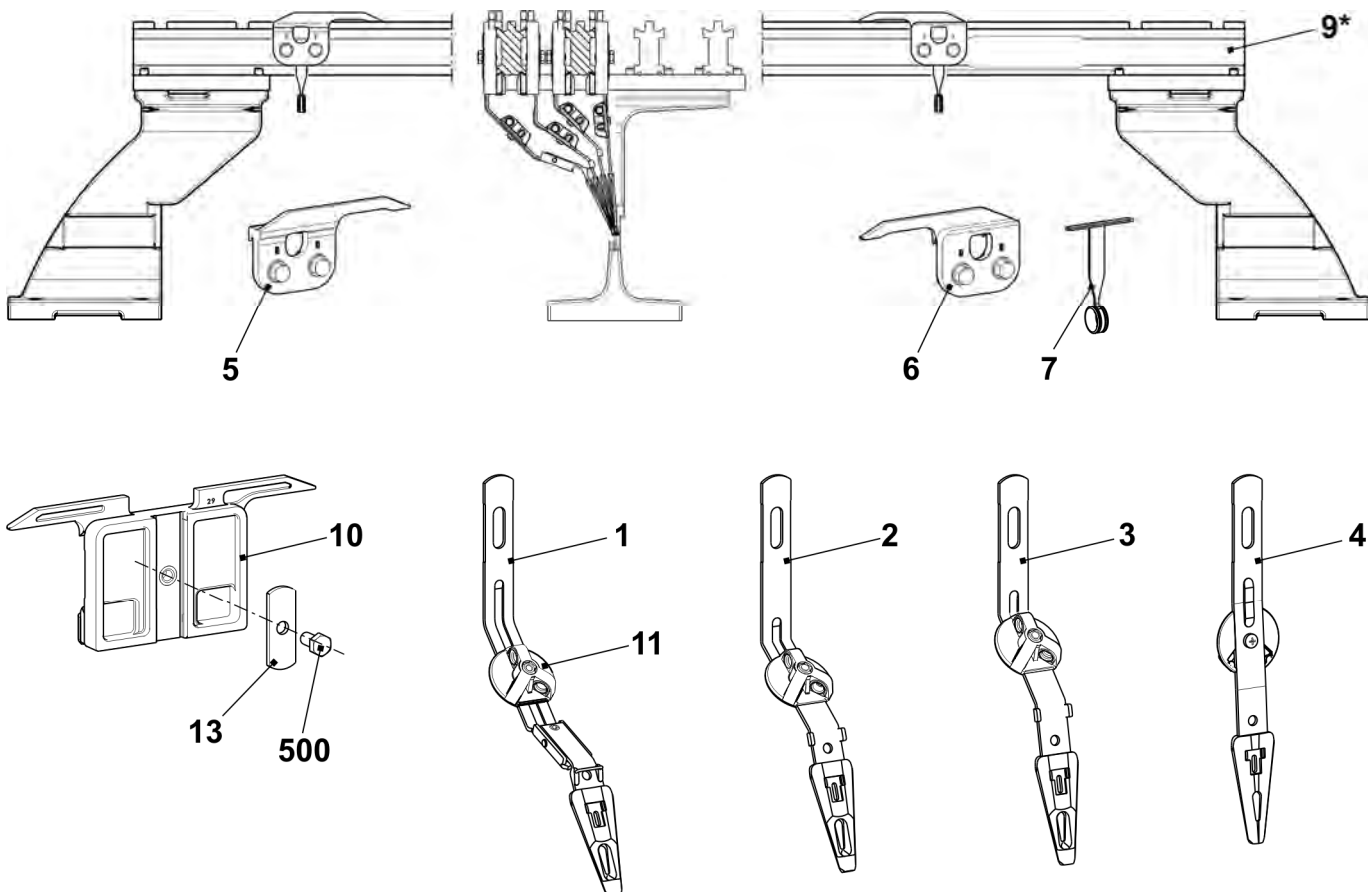
Bobbin board

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Table complete 84"	240 681	15	Positioning pin	204 819
1	Table	240 680	20	Energy chain display (38 links)	235 518
4	Support element	228 594	37	Cable USB extension 84" okc	243 070
7	Magnet switch protective hood	219 983	506	Washer	020 901
8	Magnet switch protective hood	220 159	516	Countersunk screw M3x8	023 251
10	Guide rail at the top complete	240 684			
14	Lamp at the top complete	236 693			
14a	Lamp long RR60V-230	212 580			
14b	Clamping bow	209 504			
14c	Cellular caoutchouc 40x20	208 018			
14d	Lamp support	221 951			



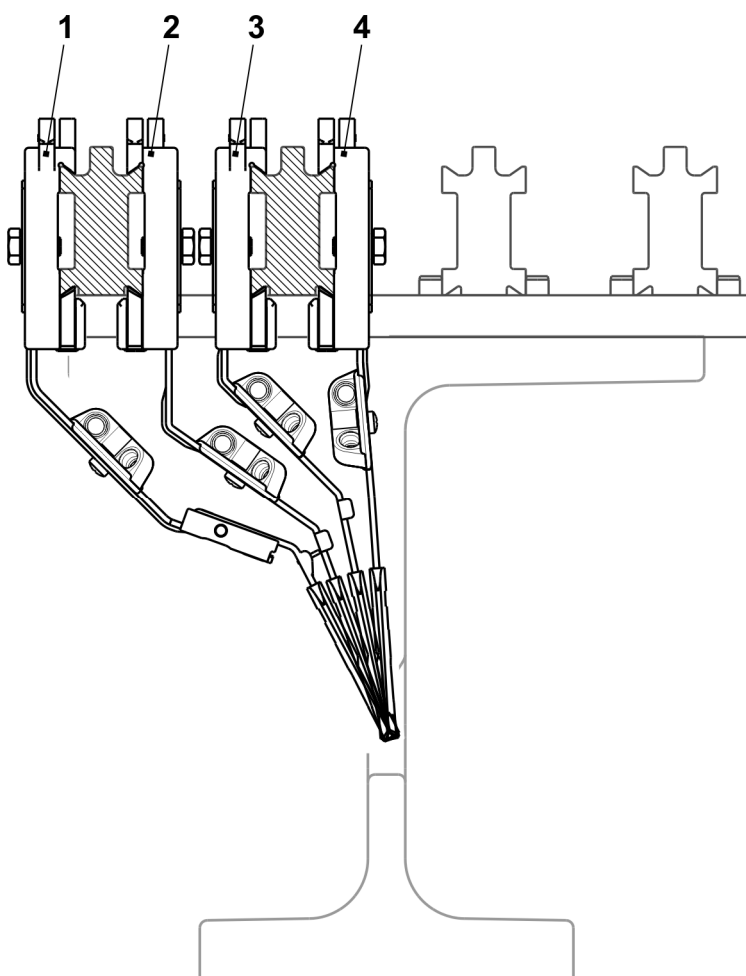
Yarn carrier and guide rails

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E5	244 007	E5, E5m.4 + E7m.5, E2,5.2 + E3,5.2 +E5.2		
	Yarn guide complete E7 – E8	244 008	1	YC bow 1+8 complete E5	212 990
	Yarn guide complete E10 – E14	244 009	2	YC bow 2+7 complete E5	212 992
	Yarn guide complete E16 – E18	244 002	3	YC bow 3+6 complete E5	212 991
5	Limiter on the left complete	244 099	4	YC bow 4+5 complete E5	212 993
6	Limiter on the right complete	244 098	E7 + E8, E6.2 + E7.2		
7	Slider with eyelet	230 709	1	YC bow 1+8 complete E7-8	212 892
9	Yarn carrier bar 50"	240 282	2	YC bow 2+7 complete E7-8	212 914
10	YC carriage complete	243 062	3	YC bow 3+6 complete E7-8	212 925
11	Yarn guide wheel complete	209 257	4	YC bow 4+5 complete E7-8	212 910
13	Shim	213 035	E10 - E14, E10m.12 + E14/12, E6.2 (E12M.10) + E8.2		
500	Hexagon screw M5x10	020 351	1	YC bow 1+8 complete E10-14	212 994
			2	YC bow 2+7 complete E10-14	212 996
			3	YC bow 3+6 complete E10-14	212 995
			4	YC bow 4+5 complete E10-14	212 997
			E16 + E18, E9.2		
			1	YC bow 1+8 complete E1-18	223 199
			2	YC bow 2+7 complete E1-18	223 201
			3	YC bow 3+6 complete E1-18	223 200
			4	YC bow 4+5 complete E1-18	223 202



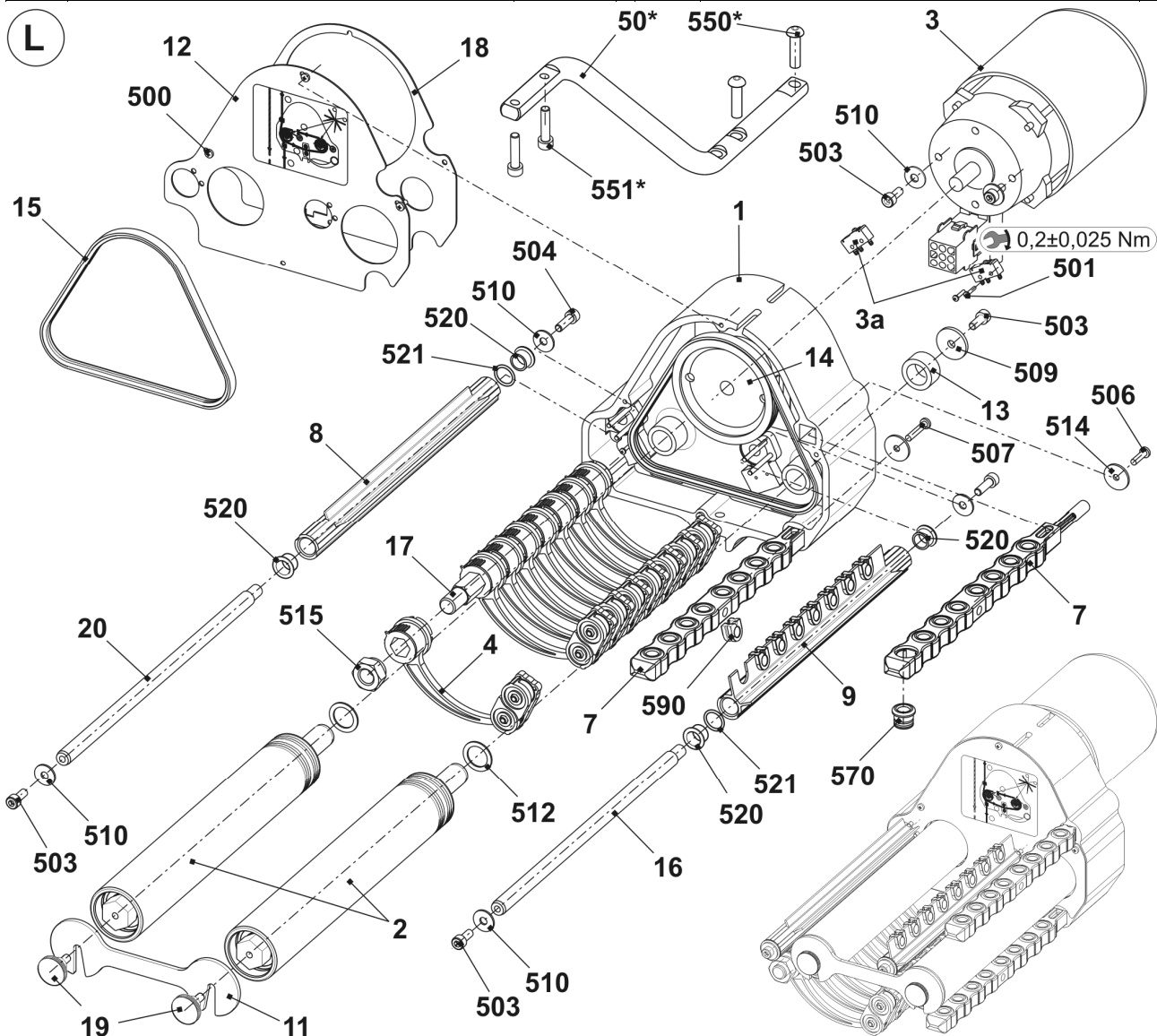
Yarn carriers complete

Pos	Designation	Track	Ident No	Pos	Designation	Track	Ident No
E5, E5m.4 + E7m.5, E2,5.2 + E3,5.2 +E5.2				E10 - E14, E10m.12, E6.2 (E12M.10) + E8.2			
1	YC carriage complete E5	1+8	243 935	1	YC carriage complete E10-14	1+8	243 943
2	YC carriage complete E5	2+7	243 934	2	YC carriage complete E10-14	2+7	243 942
3	YC carriage complete E5	3+6	243 933	3	YC carriage complete E10-14	3+6	243 941
4	YC carriage complete E5	4+5	243 932	4	YC carriage complete E10-14	4+5	243 940
E7 + E8, E6.2 + E7.2 + E7m.8 + E8m.7				E16 + E18			
1	YC carriage complete E7-8	1+8	243 939	1	YC carriage complete E16-18	1+8	243 947
2	YC carriage complete E7-8	2+7	243 938	2	YC carriage complete E16-18	2+7	243 946
3	YC carriage complete E7-8	3+6	243 937	3	YC carriage complete E16-18	3+6	243 945
4	YC carriage complete E7-8	4+5	243 936	4	YC carriage complete E16-18	4+5	243 944



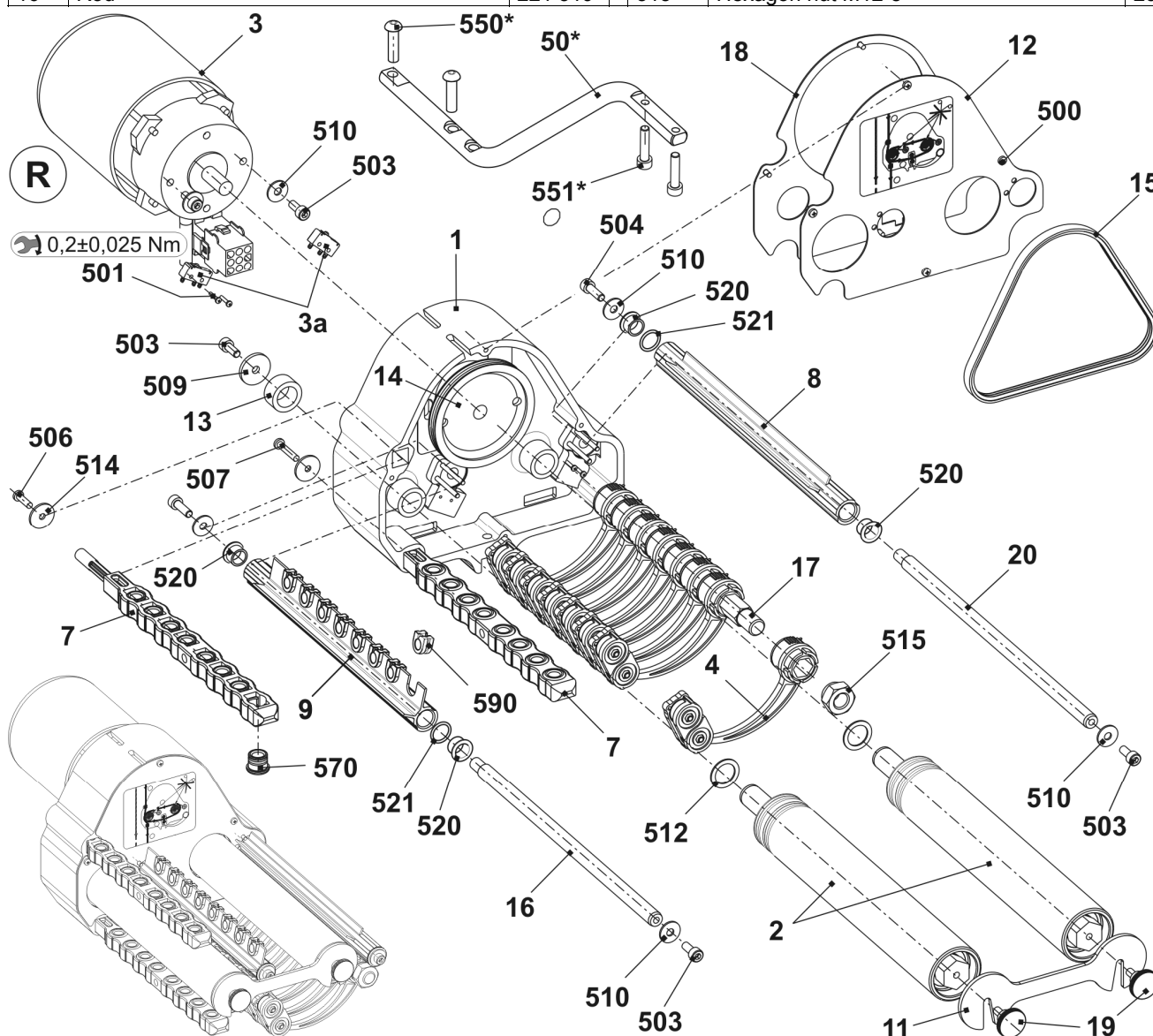
Left friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the left complete	243 571			
1	Housing	240 368	17	Axle	221 291
2	Friction roller complete	231 704	18	Cover	230 758
3	Three-phase AC motor complete	219 800	19	Knurled screw	223 361
3a	Microswitch	008 664	20	Rod	230 658
4	Arm on the left complete	222 793	50*	Support of left feed wheel	243 876
7	Yarn guide rod complete	239 431	550*	Countersunk screw M8x25	023 027
570	Eyelet 8	021 504	551*	Cap screw M6x25	020 137
8	Stop motion rail on the right complete	230 690	500	Screw KB30x8	236 228
9	Stop motion rail on the left complete with eyelets	230 683	501	Screw 20x10	244 736
590	Eyelet	230 662	503	Cap screw M5x12	020 132
520	Slide bearing	023 627	504	Cap screw M5x16	022 726
521	O-ring	244 895	506	Screw KB 40x14	241 358
11	Lug	221 316	507	Screw KB 40x25	241 595
12	Cover	230 759	509	Washer 5.3x22x12.5	023 219
13	Bush	221 391	510	Washer	020 901
14	Ribbed V-belt pulley	221 268	512	Adjusting washer 15x21x1	023 216
15	V-ribbed belt V3J406	206 927	514	Washer 4.3	020 908
16	Rod	221 319	515	Hexagon nut M12-8	236 299



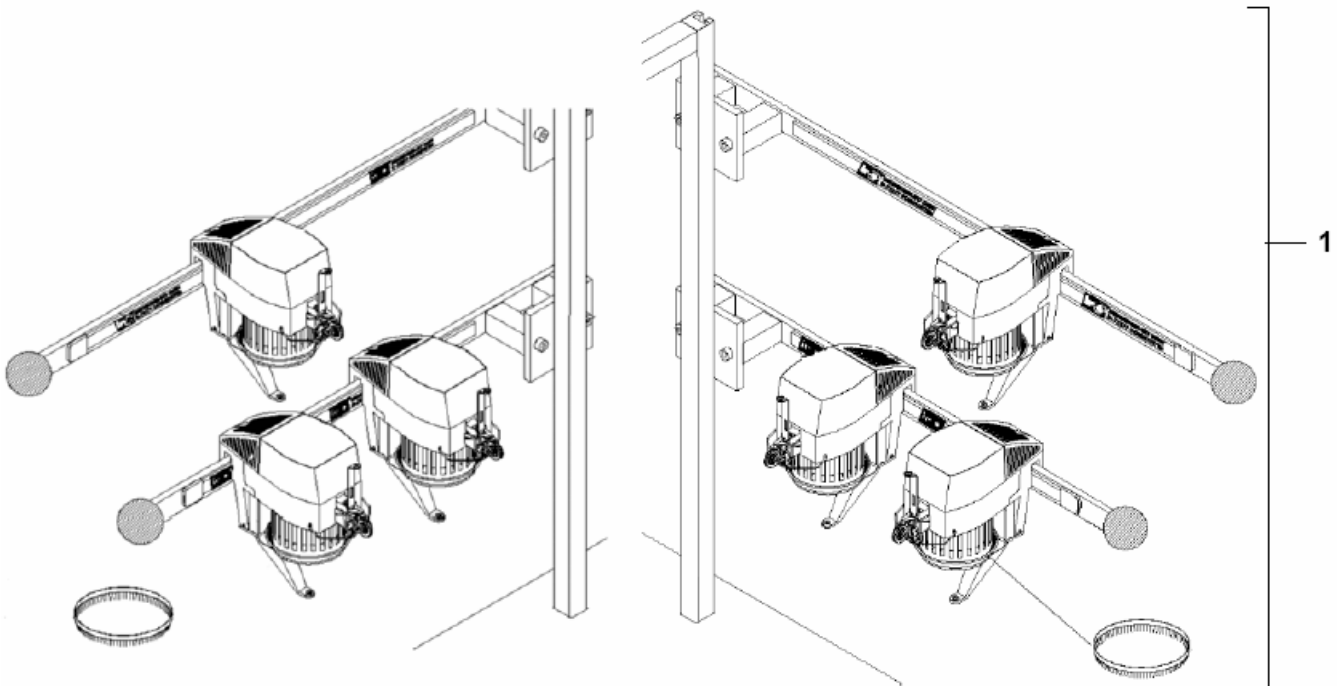
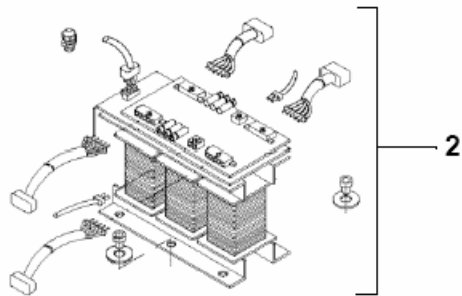
Right friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the right complete	243 572			
1	Housing	240 368	17	Axle	221 291
2	Friction roller complete	231 704	18	Cover	230 758
3	Three-phase AC motor complete	219 800	19	Knurled screw	223 361
3a	Microswitch	008 664	20	Rod	230 658
4	Arm on the right complete	222 832	50*	Support feed wheel on the right	243 890
7	Yarn guide rod complete	239 431	550*	Countersunk screw M8x25	023 027
570	Eyelet 8	021 504	551*	Cap screw M6x25	020 137
8	Stop motion rail on the right complete	230 690	500	Screw KB30x8	236 228
9	Stop motion rail on the right complete with eyelets	230 682	501	Screw 20x10	244 736
590	Eyelet	230 662	503	Cap screw M5x12	020 132
520	Slide bearing	023 627	504	Cap screw M5x16	022 726
521	O-ring	244 895	506	Screw KB 40x14	241 358
11	Lug	221 316	507	Screw KB 40x25	241 595
12	Cover	230 759	509	Washer 5.3x22x12.5	023 219
13	Bush	221 391	510	Washer	020 901
14	Ribbed V-belt pulley	221 268	512	Adjusting washer 15x21x1	023 216
15	V-ribbed belt V3J406	206 927	514	Washer 4.3	020 908
16	Rod	221 319	515	Hexagon nut M12-8	236 299

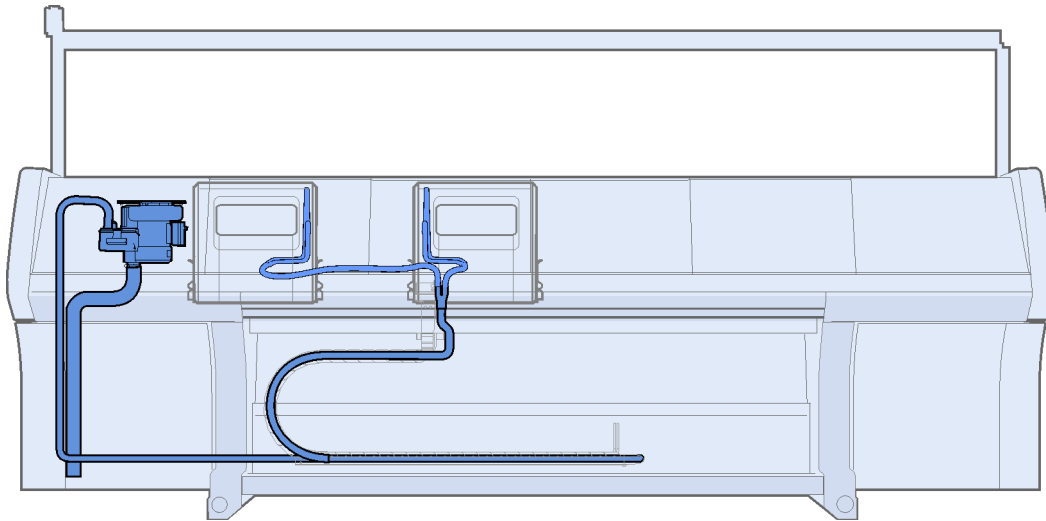


Feed wheel SFE

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

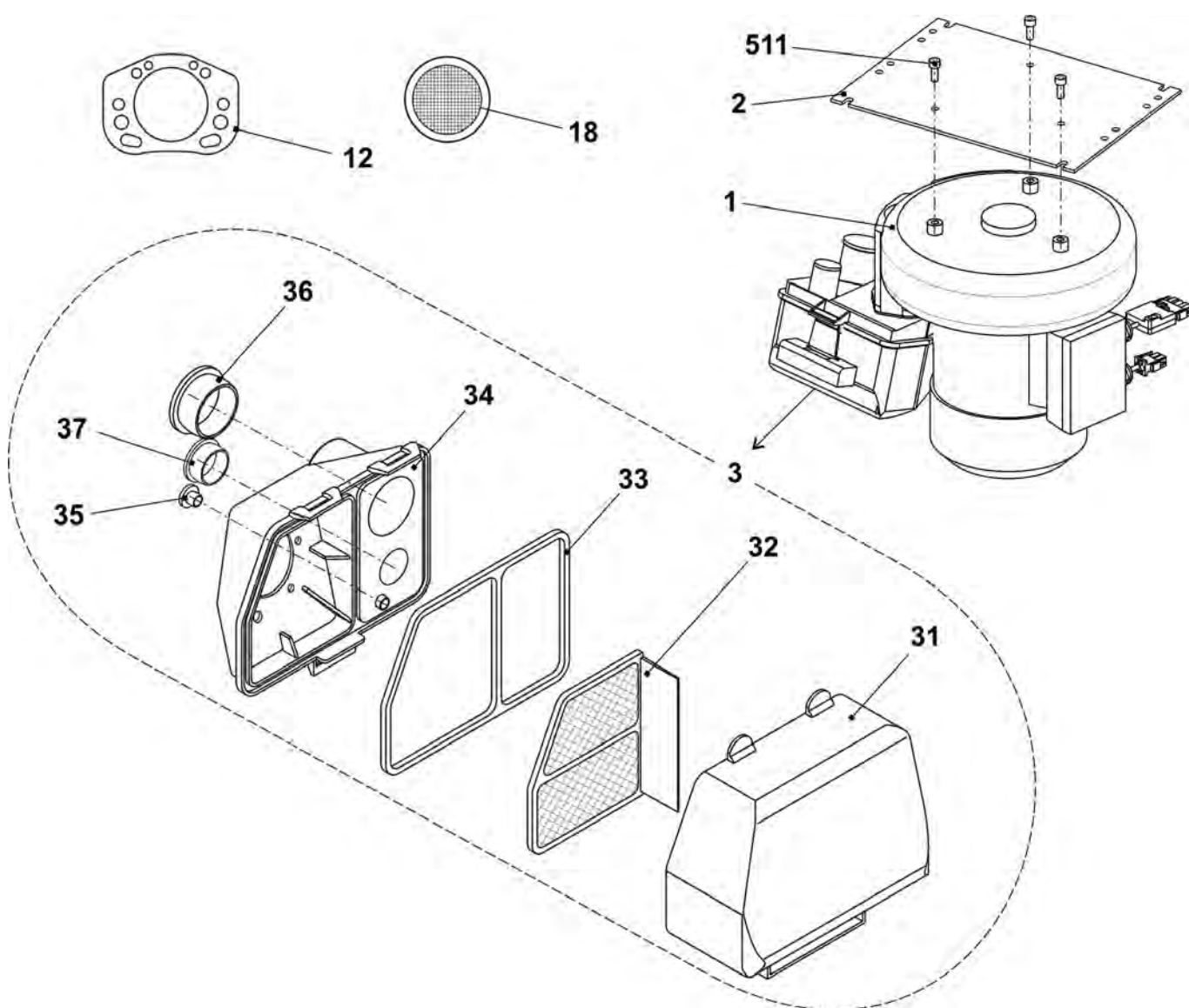


Fluff absorption

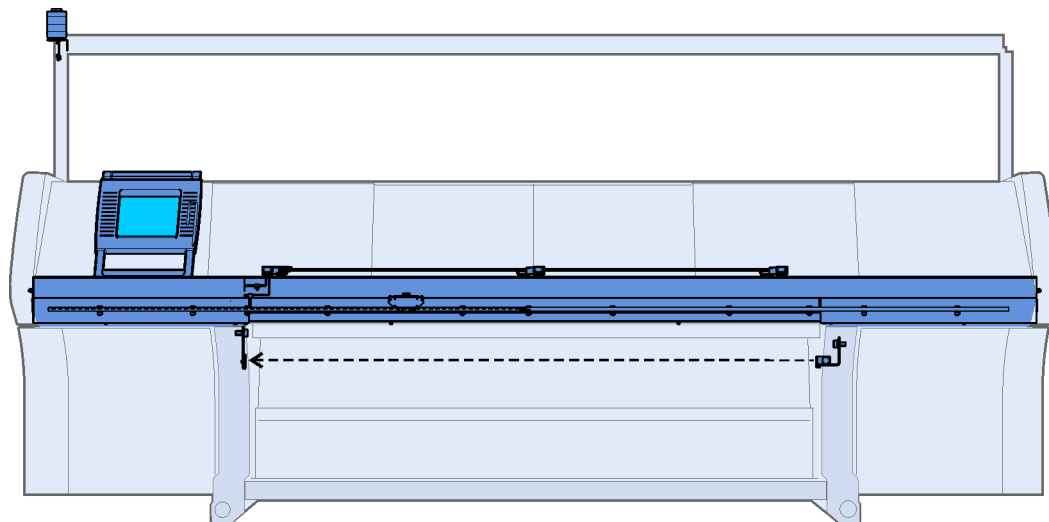


Suction fan

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Suction fan with base plate complete	221 970	3	Lint container complete	216 140
1	Suction fan complete	220140	31	Lint container (FLENT)	213918
12	Suction fan seal	214 665	32	Filter FLENT	213916
18	Filter round plate 52mm / 44mm	200 818	33	Suction fan seal	214664
511	Cap screw M6x25	020 137	34	Filter cover FLENT	213917
2	Base plate	221948	35	Sealing plug GPN 300 F3	220177
			36	Sealing plug GPN 300 F28	220175
			37	Sealing plug GPN 300 F181	220178

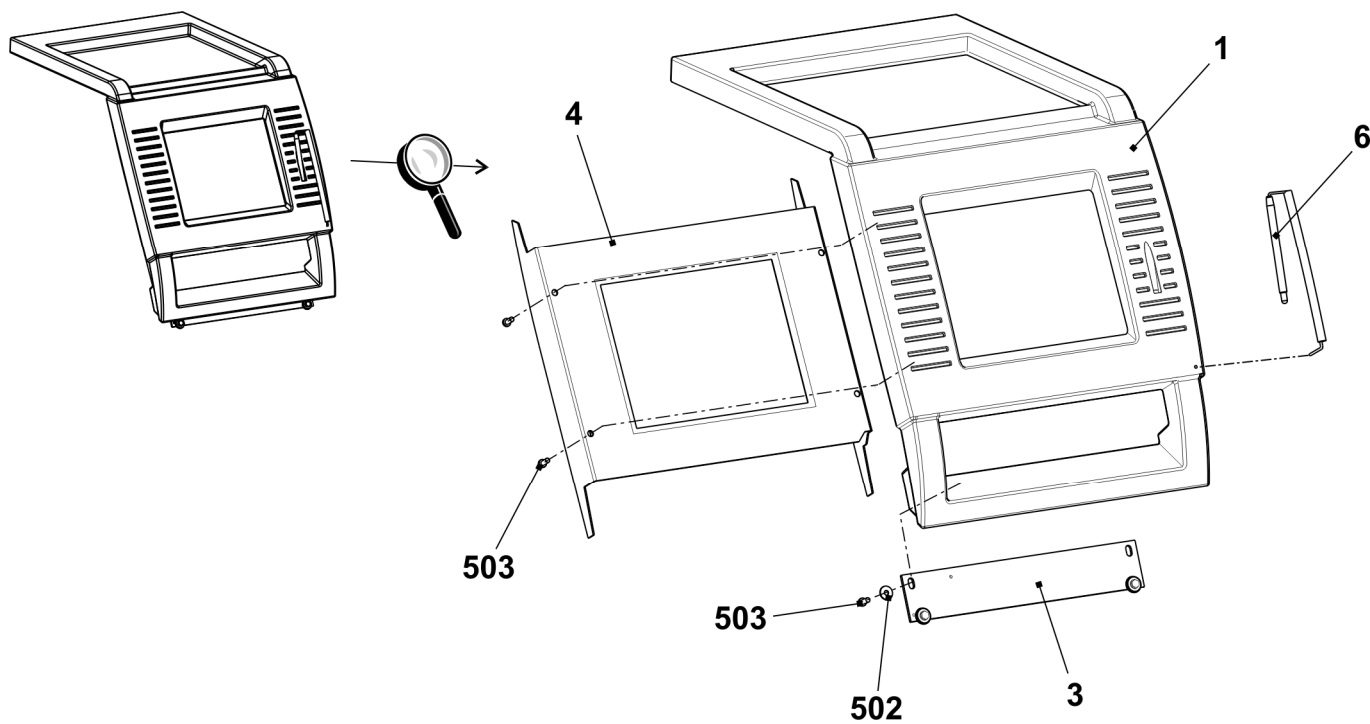


Operating and control



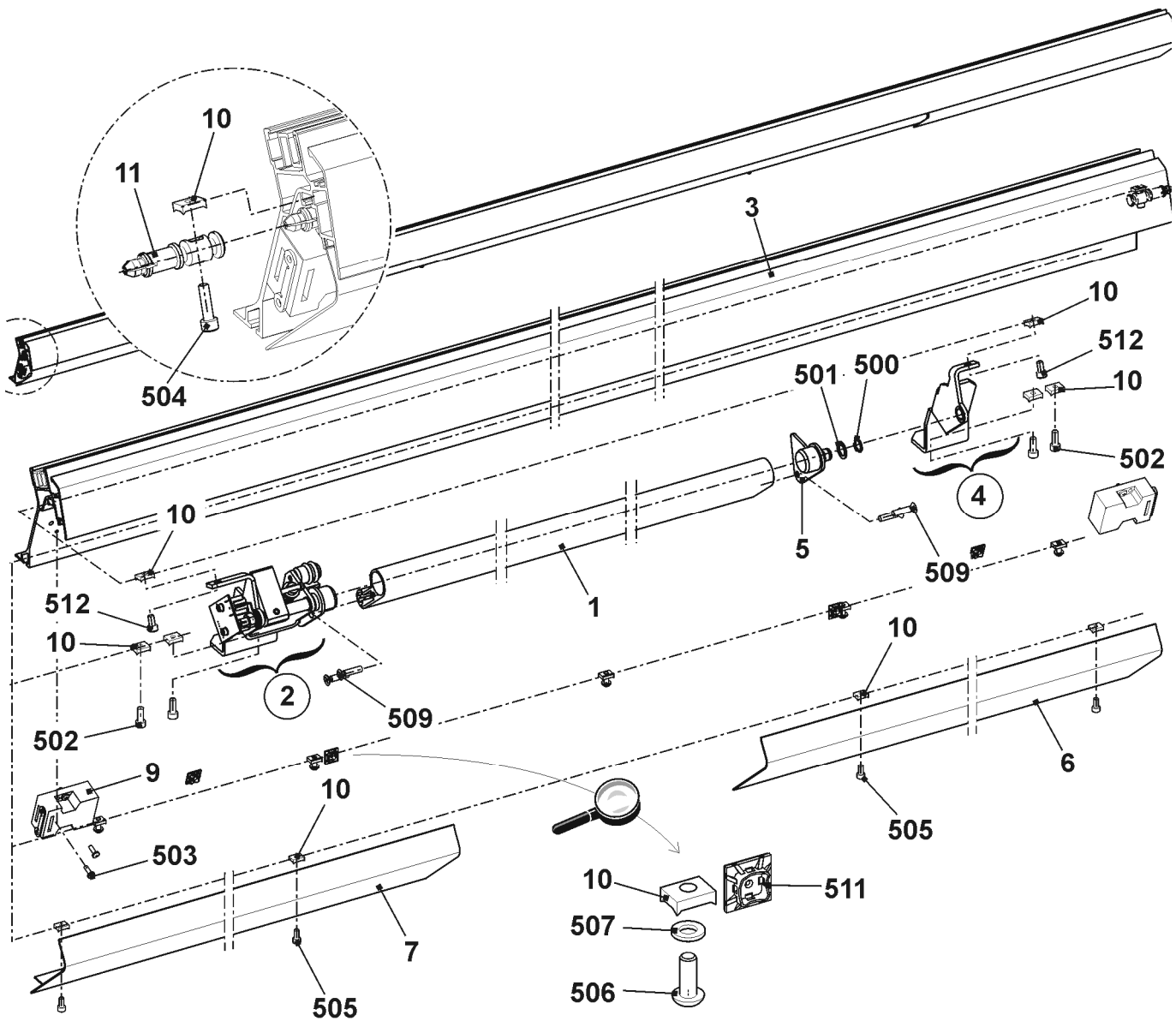
Input unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Input unit complete	240 194	6	Touch pen	242 812
1	Base frame	240 195	502	Washer	020 901
3	Bearing strip complete	240 198	503	Screw KB 50x12	240 359
4	Display touch screen	242 532			



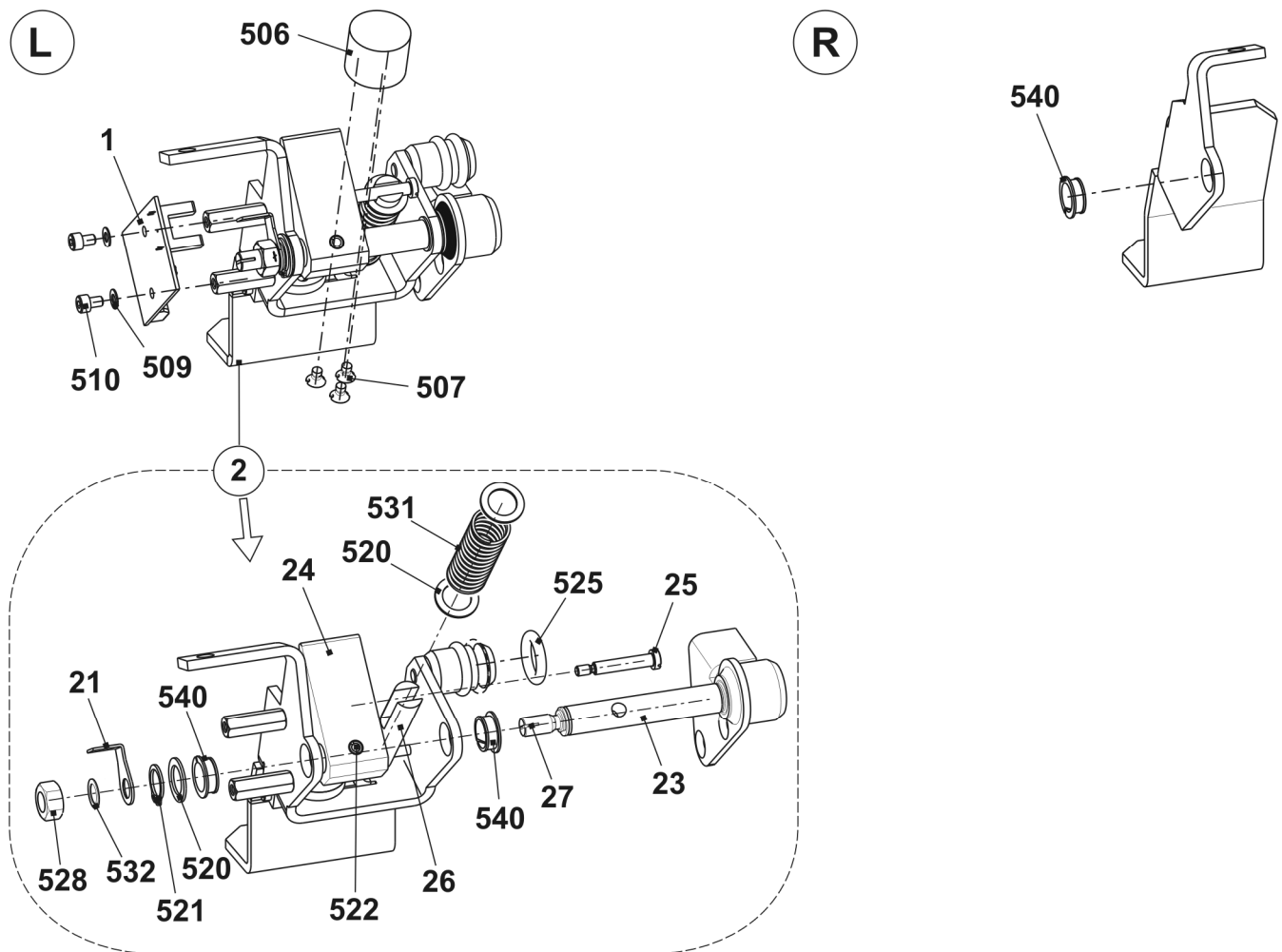
Starting unit

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Starting unit complete	241 039	500	Locking ring 12x1	020 951
1	Engaging rod	241 030	501	Adjusting washer 12x18x1	023 315
2	Bearing on the left complete	240 303	502	Cap screw M6X16	020 135
3	Guide rail bottom complete	241 029	503	Countersunk screw M5x14	023 588
4	Bearing on the right complete	240 230	504	Cap screw M6x20-12.9	020 136
5	Shaft on the right	242 888	505	Cap screw M6X12	020 134
6	Cover plate on the right	241 031	506	Countersunk screw M6x16	023 124
7	Cover plate on the left	241 032	507	Washer	020 872
9	Switch with cable to protective hoods	223 350	509	Screw M6x25	023 510
10	Sliding nut (sliding block)	225 099	511	Cable tie base	243 055
11	Fixing bolt	219 107	512	Cap screw M6X10	023 690



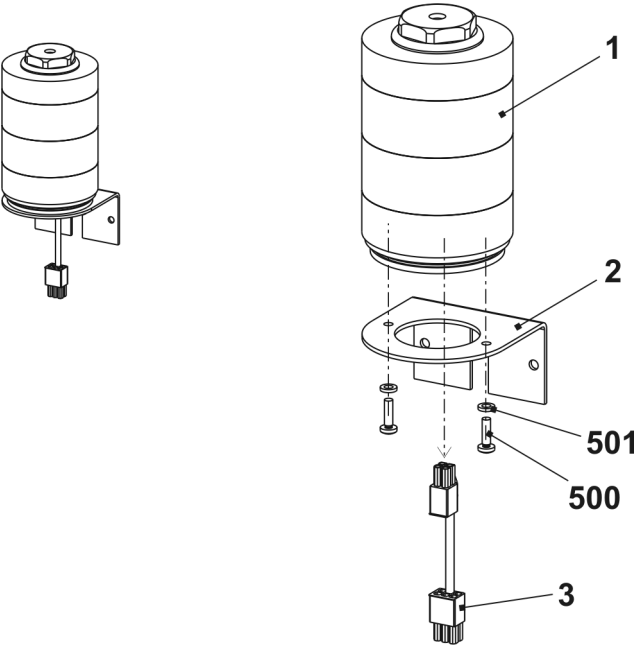
Bearing of the engaging rod

Pos	Designation	Ident No	Pos	Designation	Ident No
L	Bearing on the left complete	240 303	R 4	Bearing on the right complete	240 230
1	Card engaging okc	240 167	540	Clip bearing MCM12-04	023 639
2	Bearing on the left	243 257			
21	Cam switch	240 302			
23	Shaft on the left	240 284			
24	Rotor	240 288			
25	Position screw M4x24.8x7.7	240 299			
26	Spring pin	225 793			
27	Permanent magnet 6x6x1	240 234			
520	Adjusting washer 12x18x1	023 315			
521	Locking ring 12x1	020 951			
525	O-ring 6x2	022 855			
528	Hexagon nut M8-6	020 838			
531	Compression spring 1.25x15x98.2	023 609			
532	Washer 8.3x12x0.5	022 714			
540	Clip bearing MCM12-04	023 639			
506	Magnetic clamp co-current flow	026 233			
507	Countersunk head screw M4x6	020 293			
509	Adjusting washer 4x8x0.5	023 384			
510	Cap screw M4x6	023 067			
522	Spring dowel sleeve 6x20	023 719			



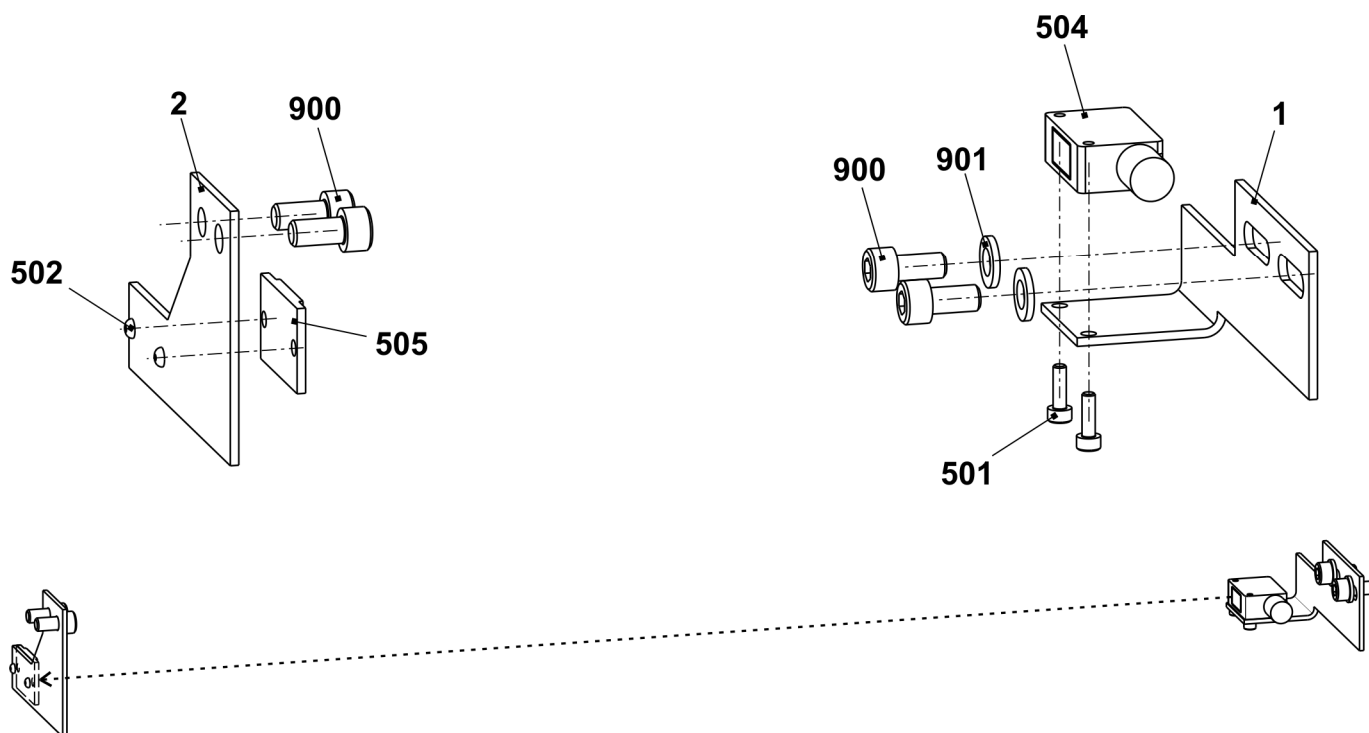
Warning light

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Warning light LED	241 822	3	Cable warning light LED	241 578
1	Warning light LED	240 395	500	Countersunk screw M4x14	023 037
2	Angle support	231 657	503	Serrated lock washer A4.3-FS	022 482



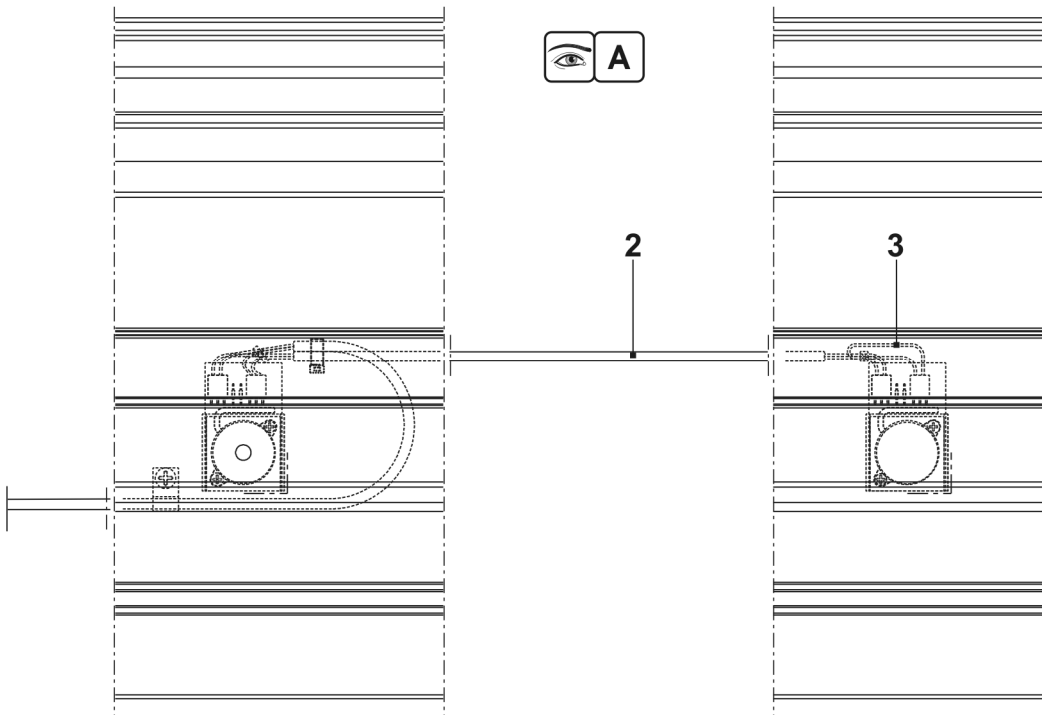
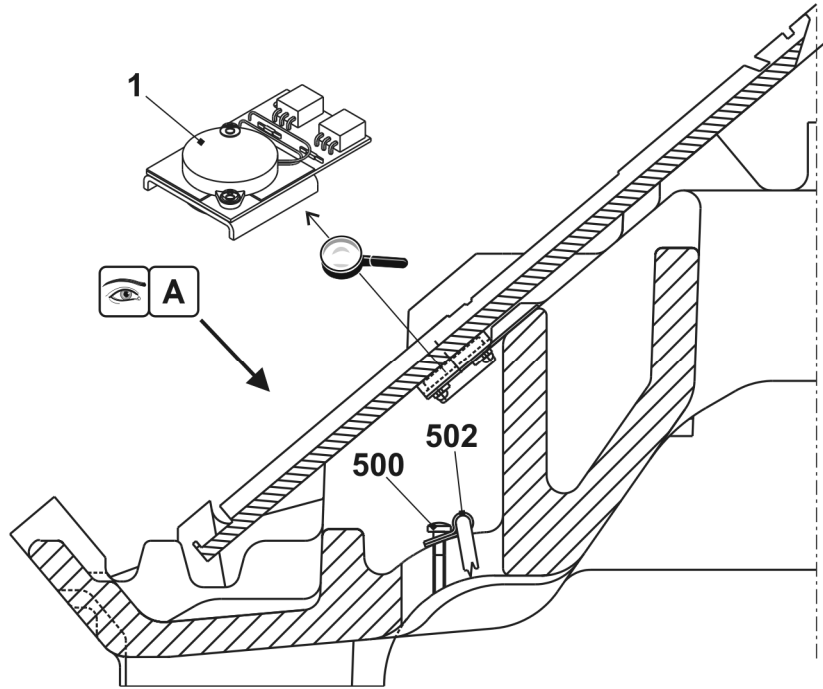
Collecting area - control

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Collecting area - control	240 157	504	Light barrier W1100-P4330	243 355
1	Angle support light barrier	243 353	505	Reflector 20x20 mm	243 356
2	Mounting plate reflector	243 354	900	Cap screw M6X12	020 134
501	Cap screw M3x10	022 991	901	Washer	020 872
502	Blind rivet A3x8-Al	023 158			



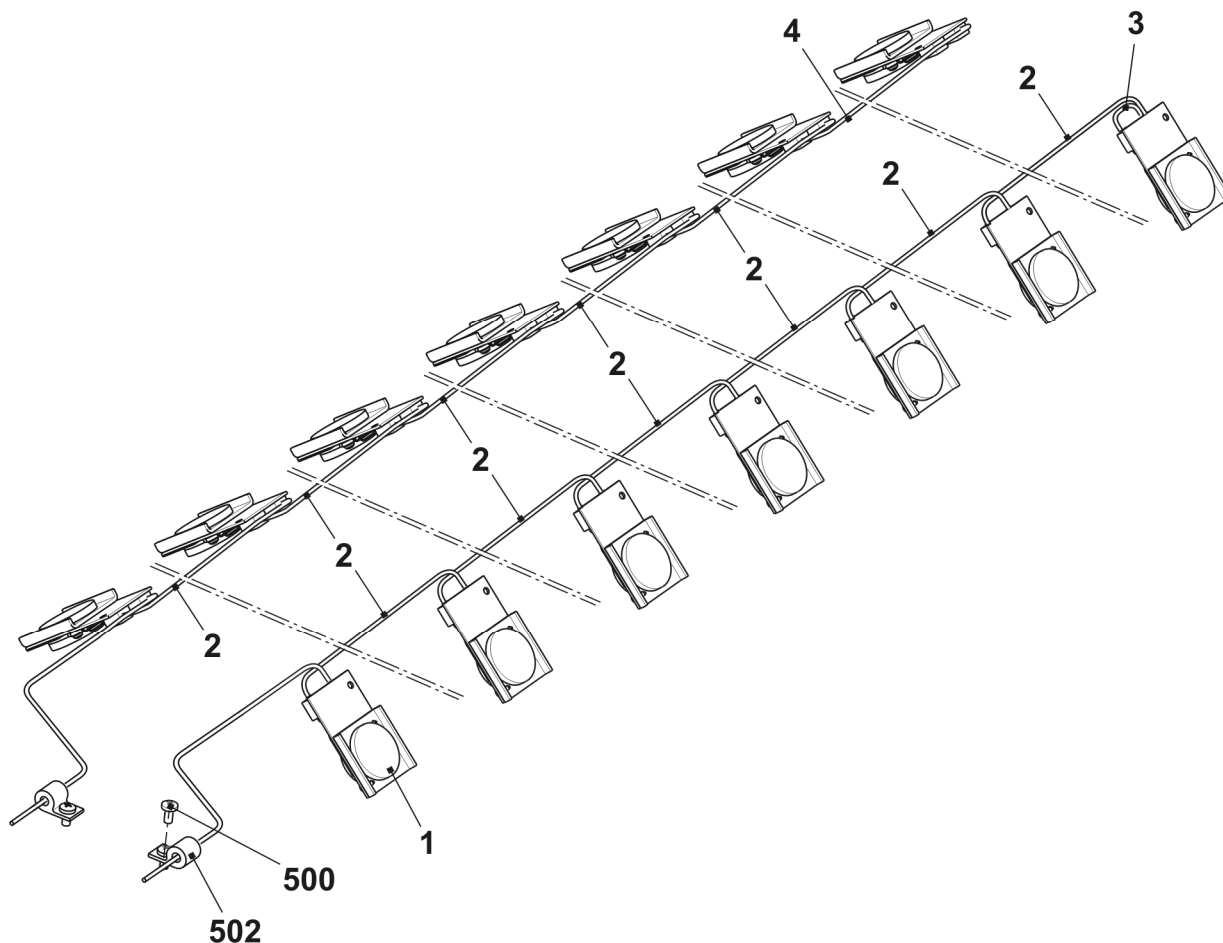
Shock stop motion (till E14)

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Shock stop motion complete E5 – E18	223 947	3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011	500	Countersunk screw M4x8	023 036
2	Connecting cable piezo sensor	220 061	502	Cable clip N-3B, 5 mm	210 729



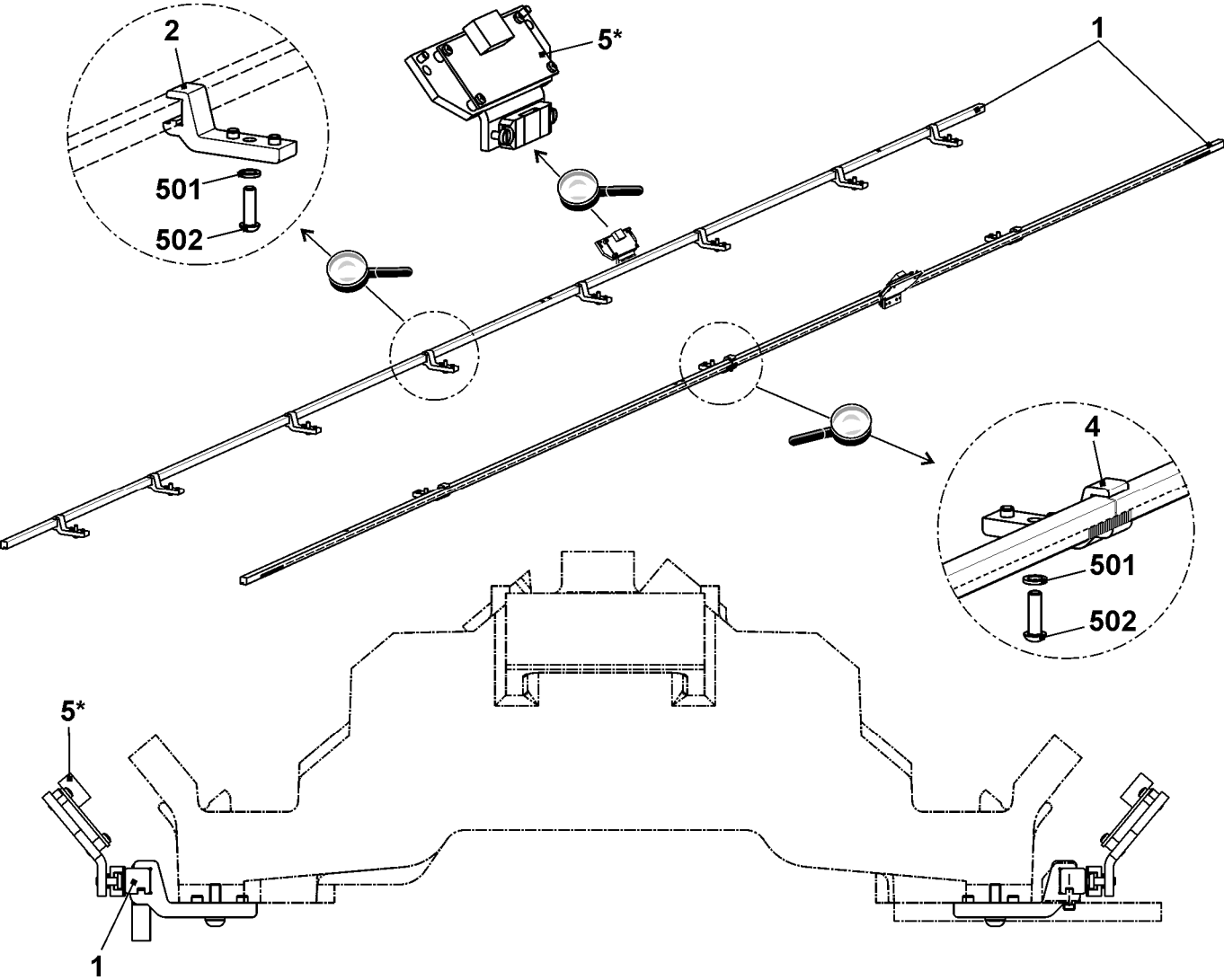
Shock stop motion E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Shock stop motion complete E16 – E18	250 386			
1	Shock stop motion (Piezo)	220 011	4	Cable piezo	250 292
2	Cable piezo	250 293	500	Countersunk screw M4x8	023 036
3	End plug piezo sensor	220 053	502	Cable clip N-3B, 5 mm	210 729

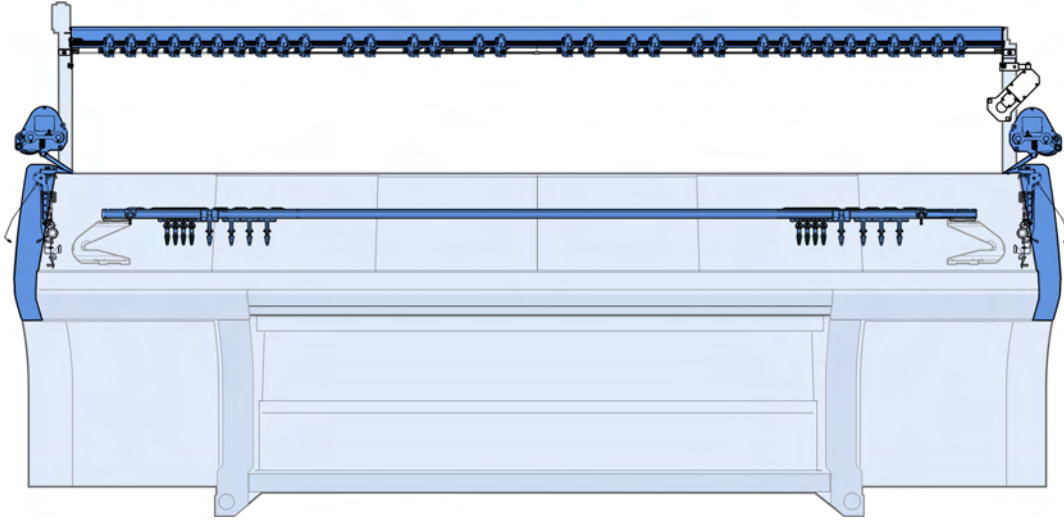


Measuring device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Measuring device	242 221	5*	Measuring head complete	240 562
1	Measuring bar	241 804			
2	Guidance	212 210			
4	Guidance	240 672			
501	Washer	020 881			
502	Countersunk screw	241 603			

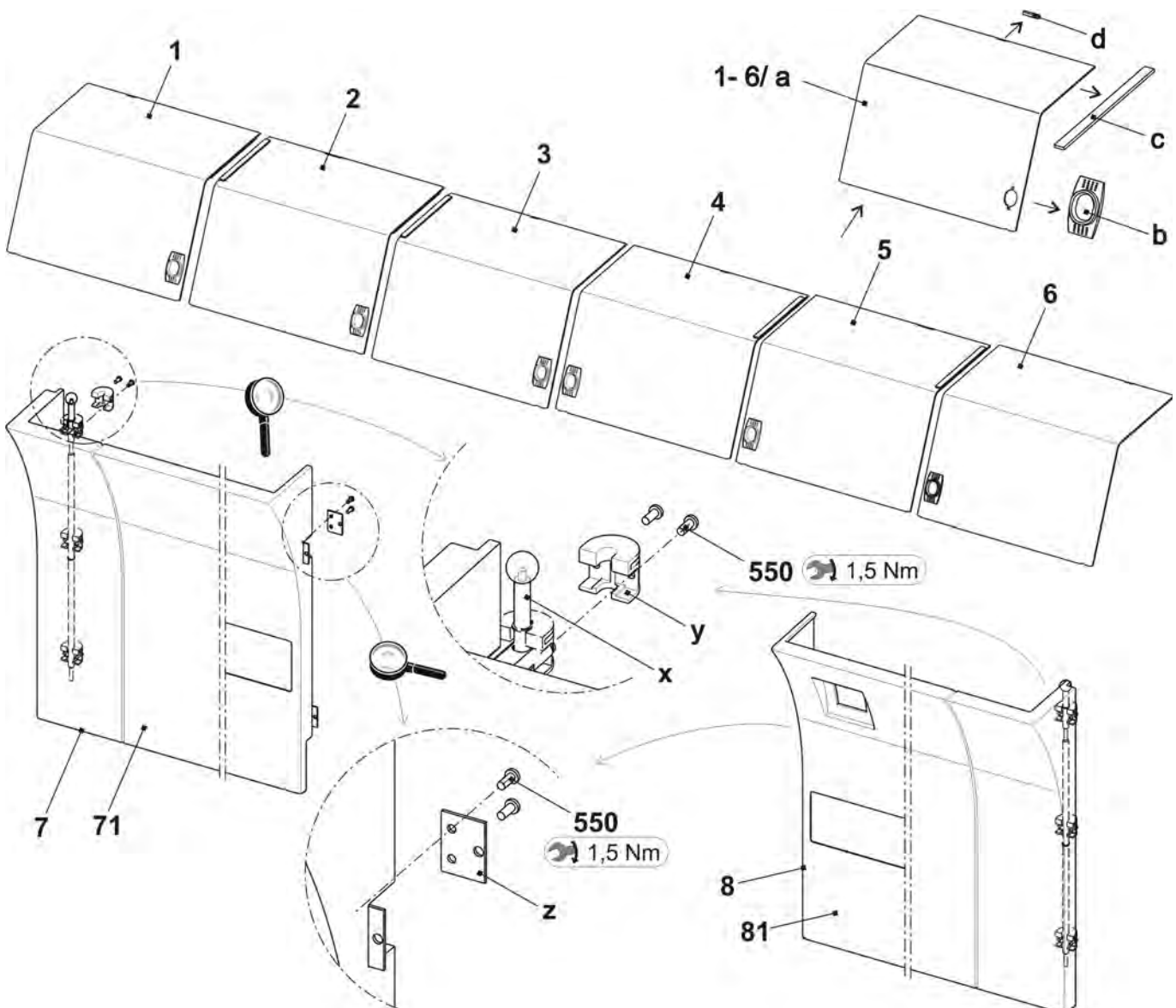


Protective units



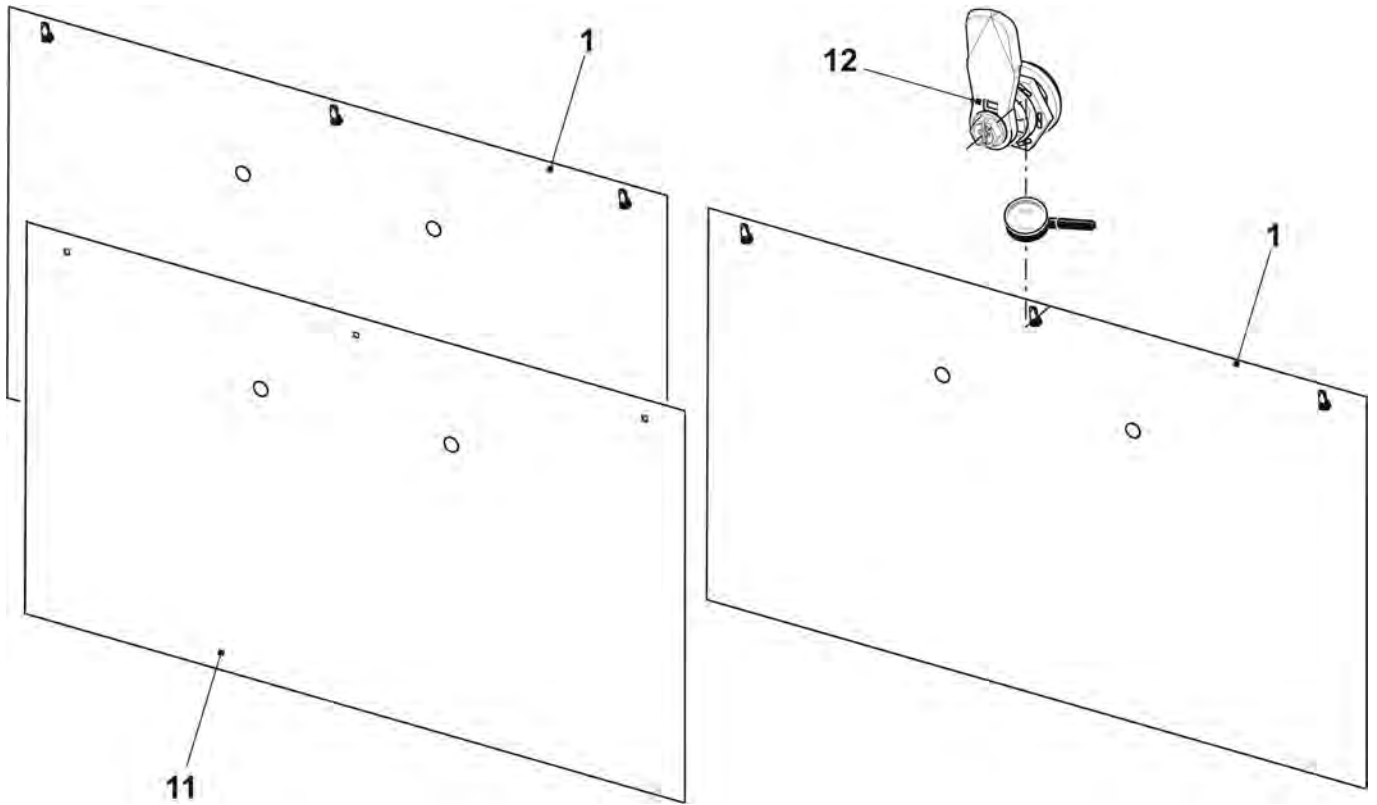
Panelling

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover 1 complete	241 891	7	Control unit panelling on the left complete	241 816
	1a Cover 1	241 867		71 Control unit panelling on the left	241 314
2	Cover 2 complete	241 892	8	Control unit panelling on the right complete	241 817
	2a Cover 2	241 868		81 Control unit panelling on the right	241 315
3	Cover 3 complete	241 893	x	Rod	240 410
	3a Cover 3	241 869	y	Guidance	241 767
4	Cover 4 complete	241 894	z	Lug	240 412
	4a Cover 4	241 870	550	Screw KB 50x12	240 359
5	Cover 5 complete	241 895			
	5a Cover 5	241 871			
6	Cover 6 complete	241 896			
	6a Cover 6	241 872			
b	Inlet type handle	240 210			
c	Stripper	219 393			
d	Magnet	204 666			



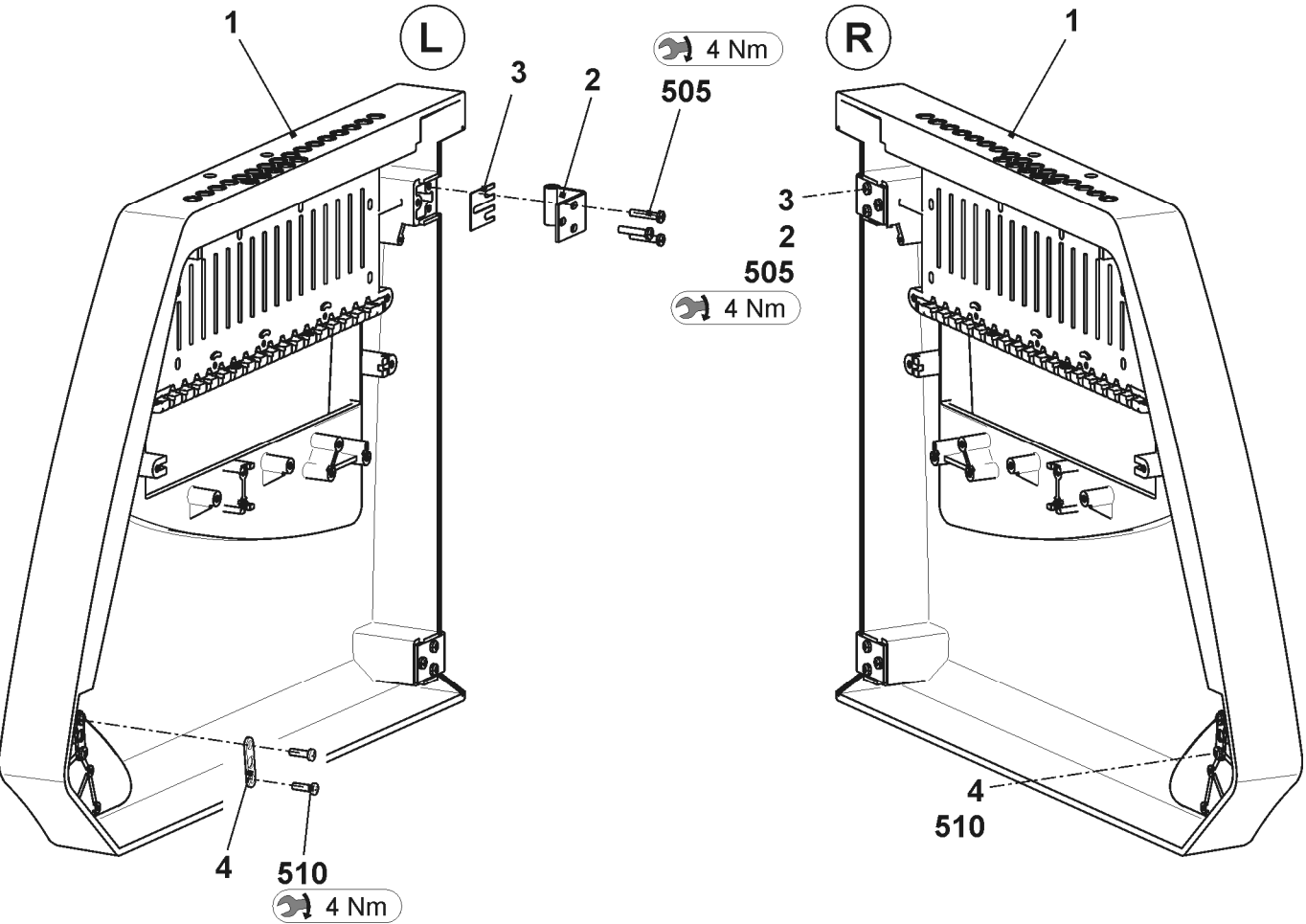
Rear panel

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Panelling at the rear with sash fastener	240 657	11	Panelling	240 656
			12	Safety sash fastener	243 052

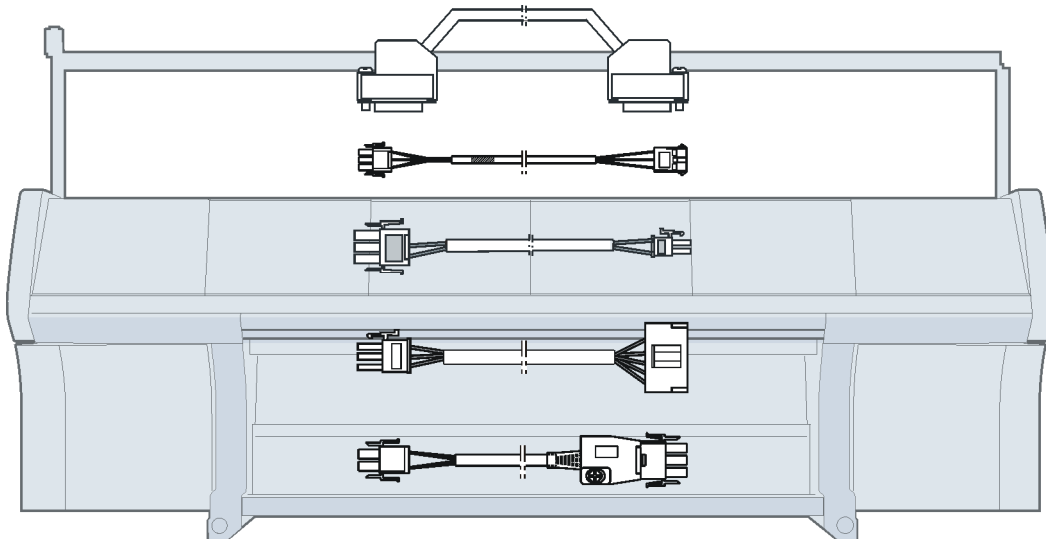


Lateral safety covers

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Safety cover on the left with fittings and lateral yarn guide		Σ	Safety cover on the right with fittings and lateral yarn guide	
	E3 - E5	241 271		E3 - E5	241 274
	E7 - E8	241 272		E7 - E8	241 275
	E10 - E18	241 273		E10 - E18	241 276
1	Safety cover on the left	240 560	1	Safety cover on the right	240 561
2	Hinge	241 994	505	Screw KB 60x30	237 683
3	Plate	224 717	510	Screw KB 60x20	237 682
4	Locking plate	219 748			



Electrical Equipment



TS-Elektrik 84Z ()

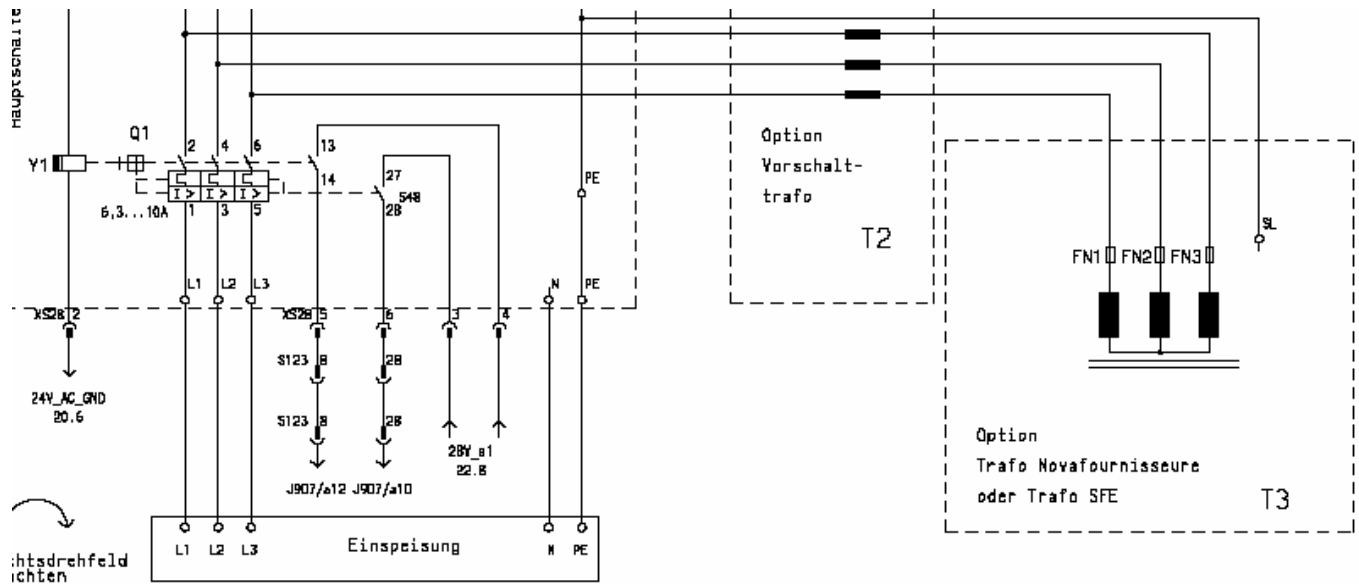
Fuses

<i>Designation</i>		<i>Ident No</i>
	Fuse 1.0A F 5x20	008 748
	Fuse 3.15A T/440V 6.3x32	025 261
	Fuse 10A T/440V 6.3x32	025 258
	Fuse 2.5A T/440V 6.3x32	217 465
	Fuse 1.6A T/440V 6.3x32	236 229
	Fuse 6.3A T/440V 6.3x32	026 809
	Fuse 8A T/440V 6.3x32	241 866
	Fuse 12.5A T/440V 6.3x32	232 367

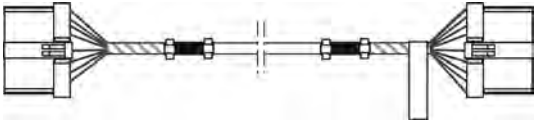
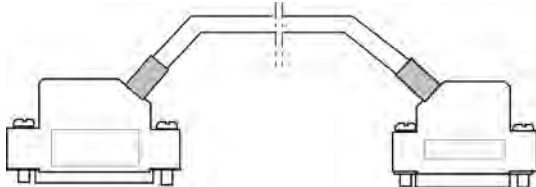
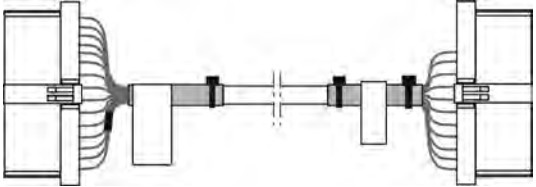
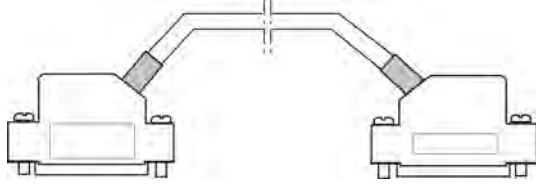
Circuit diagram as PDF

Designation	Ident No	Identification
Circuit diagram 219 German	243 991	DE
Circuit diagram 219 English	243 991	GB
Circuit diagram 219 Chinese	243 991	CN

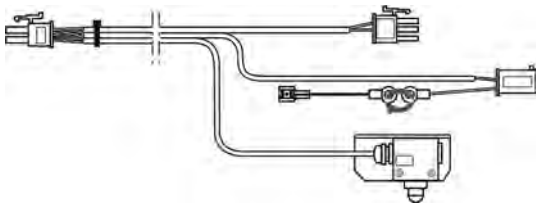
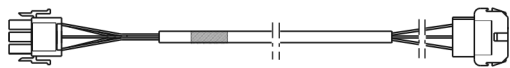
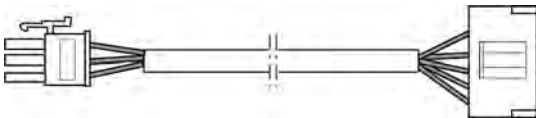
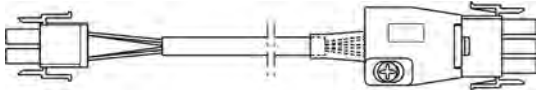
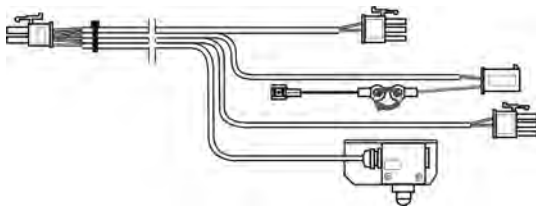
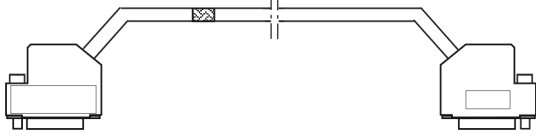
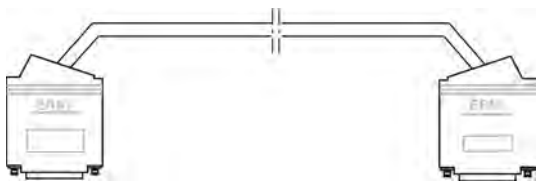
You will find the circuit diagram 219 on the CMS documentation DVD with the identification number 242283

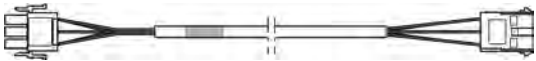
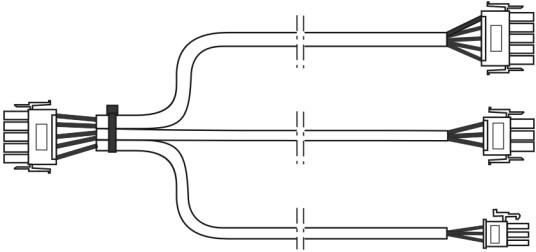
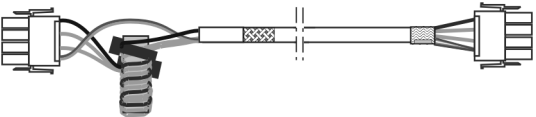
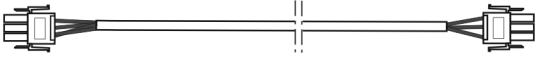
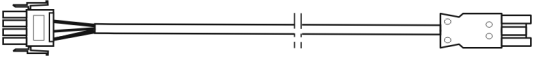
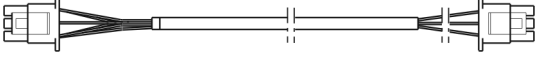
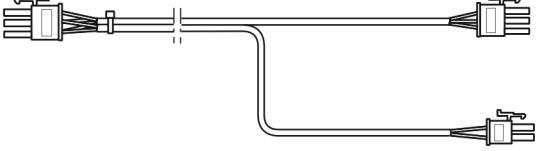
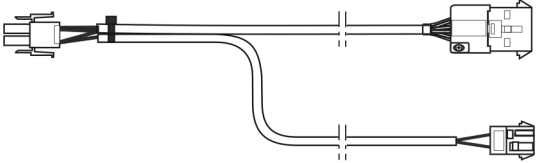
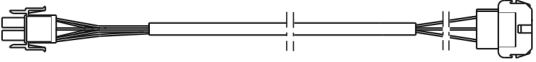
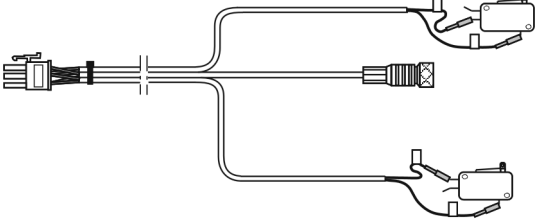
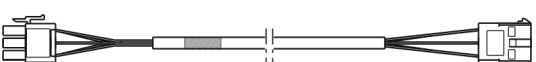


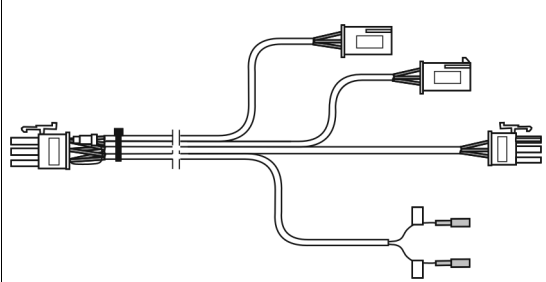
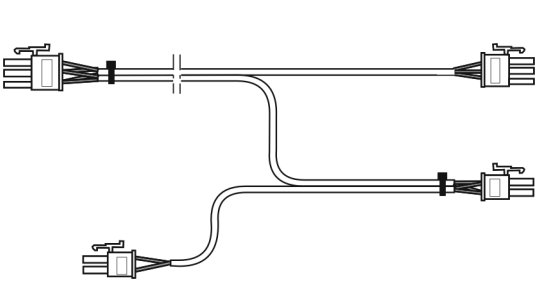
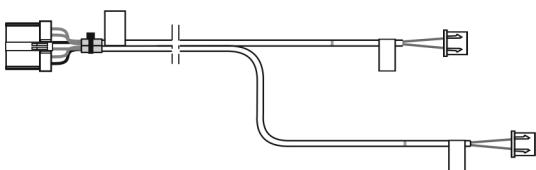
Trailing cable

Designation	Ident No	Designation	Ident No
Cable impulse giver at the rear right XL136	242 285	Cable SM rear left XL321	242 291
Cable impulse giver at the front right XL137	242 286	Cable SM front left XL323	242 293
Cable impulse giver at the rear left XL138	242 287	Cable SM rear right XL325	242 295
Cable impulse giver at the front left XL139	242 288	Cable SM front right XL327	242 297
			
Cable yarn carrier on the left	242 289	Cable signal at the rear on the left XL322	242 292
Cable yarn carrier on the right	242 290	Cable signal front left XL324	242 294
		Cable signal at the rear on the right XL326	242 296
		Cable signal front right XL328	242 298
			

Cable

Designation	Ident No	Designation	Ident No
Cable engaging OKC	240 289	Cable mains supply FKE lamp OKC	240 290
			
Cable protective unit on the left OKC	238 705	Cable motor HIAB OKC	240 291
			
Cable racking limit switch OKC	240 292	Cable ventilator drive OKC	240 293
			
Cable feed wheel on the right OKC	240 294	Cable drive motor OKC	240 295
Cable feed wheel on the left 84" OKC	240 466	Cable racking motor OKC	240 297
			
Cable resolver drive OKC	240 296	Cable protective unit on the right OKC	238 706
Cable resolver racking OKC	240 298		
		Cable electro 84" OKC	240 463
Cable CAN 84"	240 416		
		Cable switch HIAB 84" OKC	242 227
Cable motor HIAB 84" OKC	242 226		

Designation	Ident No	Designation	Ident No
			
Cable power supply WAZ/F 84" OKC	240 471	Cable power supply Servo 84"	240 504
			
Cable power supply of mains supply OKC	240 505	Cable power supply lighting 84" OKC	240 507
			
Cable motor HAAB OEF/S 84"	242 228	Cable switch HAOS 84" OKC	242 229
			
Cable switch HIAB pressure motor OKC	240 593	Cable HIAB pressure motor OKC	240 592
			
Cable power supply FLENT OKC	243 141	Cable motor comb hook OKC	240 308
			
Cable switch KAHA OKC	240 309	Cable motor comb OKC	240 310
			
Cable switch comb OKC	240 311	Cable switch HAAB OKC	240 312

Designation	Ident No	Designation	Ident No
			
Cable Piezo NB OKC	240 518		
			

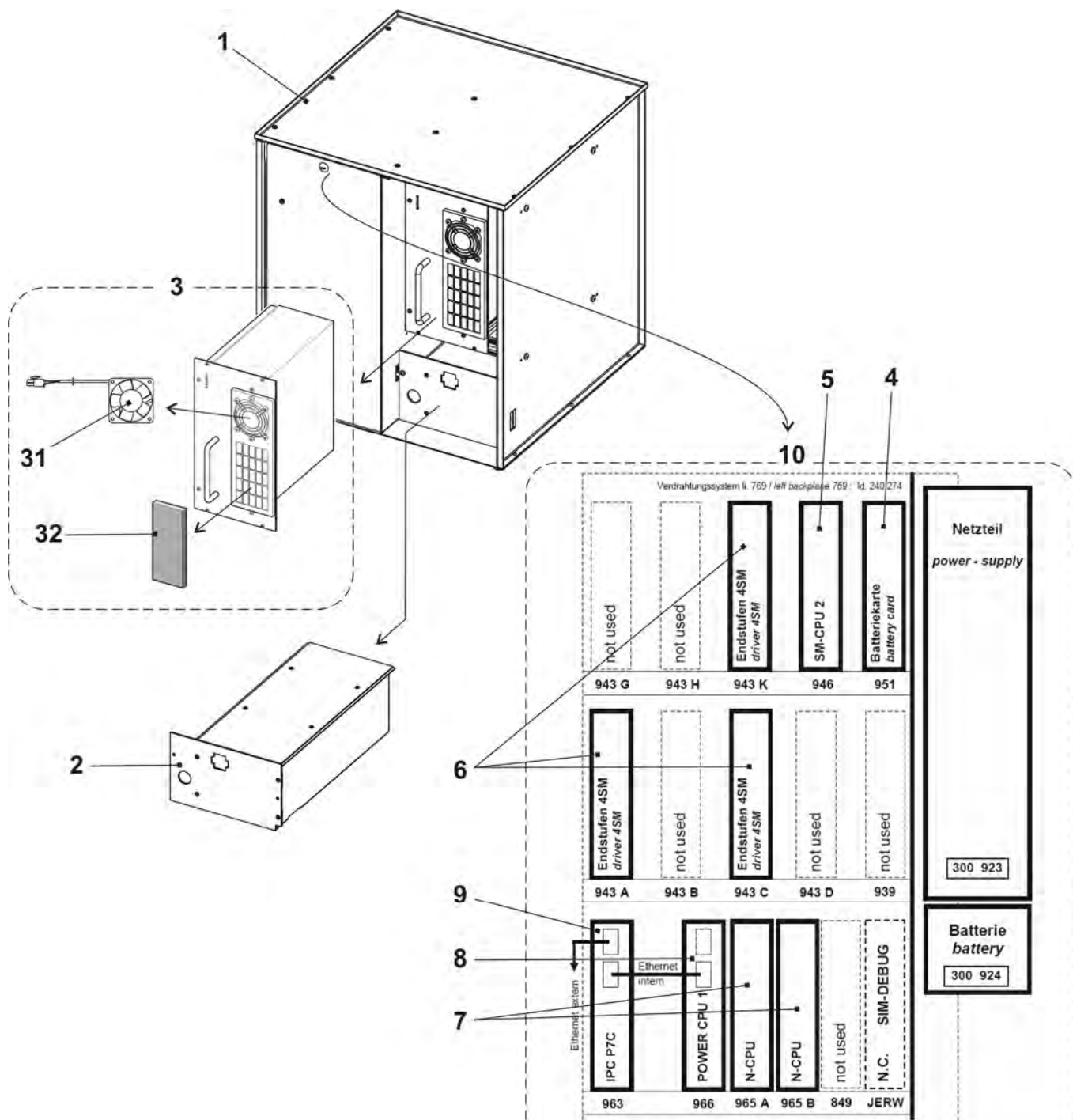
Control electronics



TS-Steuerungselektronik 84Z ()

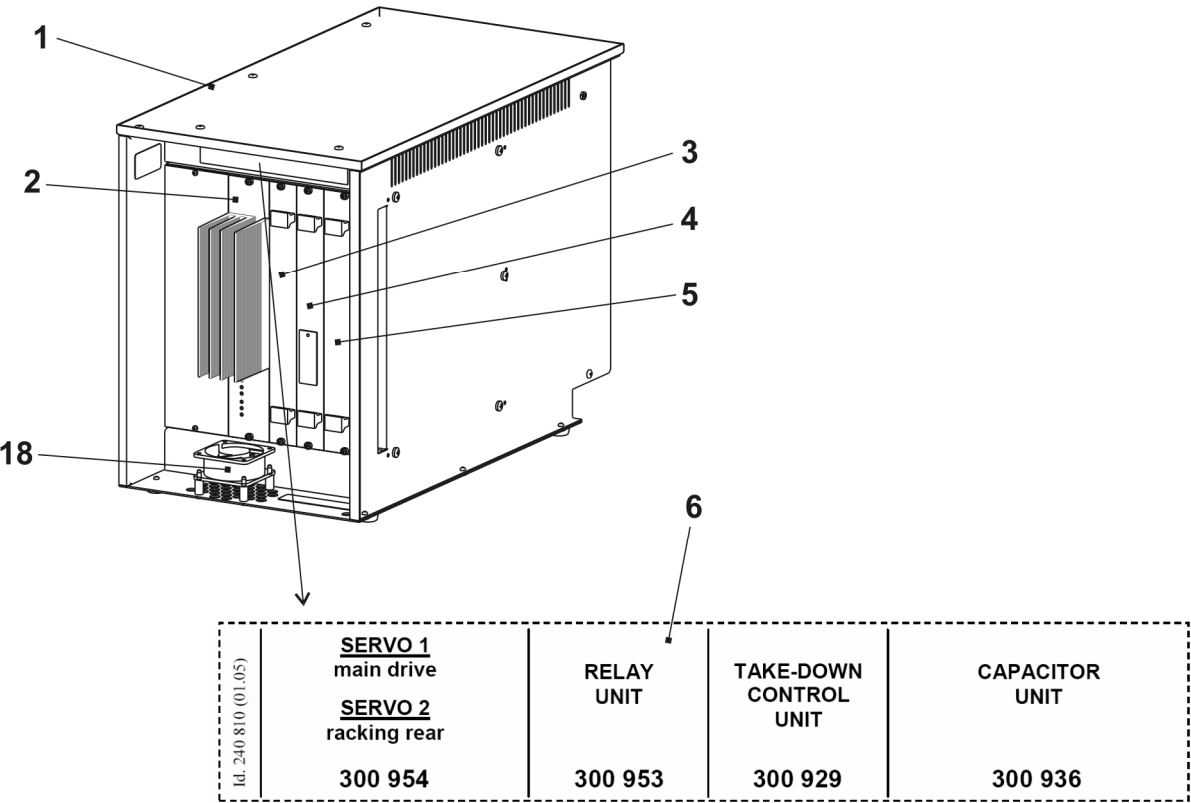
Left control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Control unit on the left complete	240 759	4	Card Battery OKC	300 951
1	Control unit on the left without equipment	240 757	5	Card SM-CPU 2	300 946
2	Battery plug-in unit	300 924	6	Card amplifier 4SM 7TE	300 943
3	Power supply CG54	300 923	7	Card N-CPU 432	300 965
31	Ventilator power supply	239 305	8	Card Power CPU1	300 966
32	Filter mat CG54	239 350	9	Card IPC P7C OKC	300 963
			10	Adhesive label of card equipment	242 310

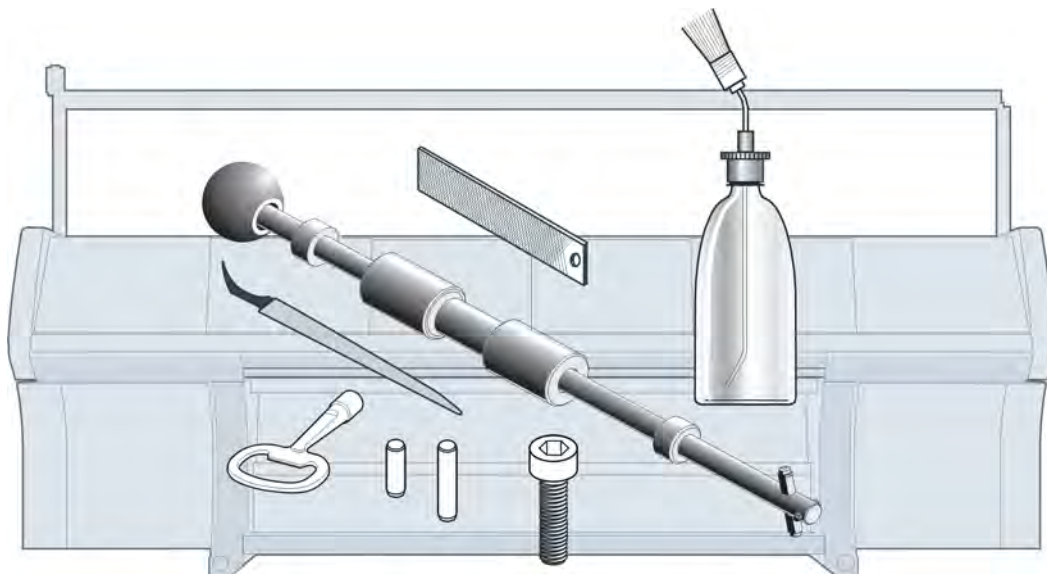


Right control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Control unit on the right complete OKC	238 738	4	Card CWAZ	300 929
1	Control unit on the right without equipment	238 737	5	Card CWAZ capacitor	300 936
2	Card Servo5 okc	300 954	6	Adhesive label KB on the right	240 810
3	Card relay OKC	300 953	18	Axial fan Servo05	229 059



Available accessories

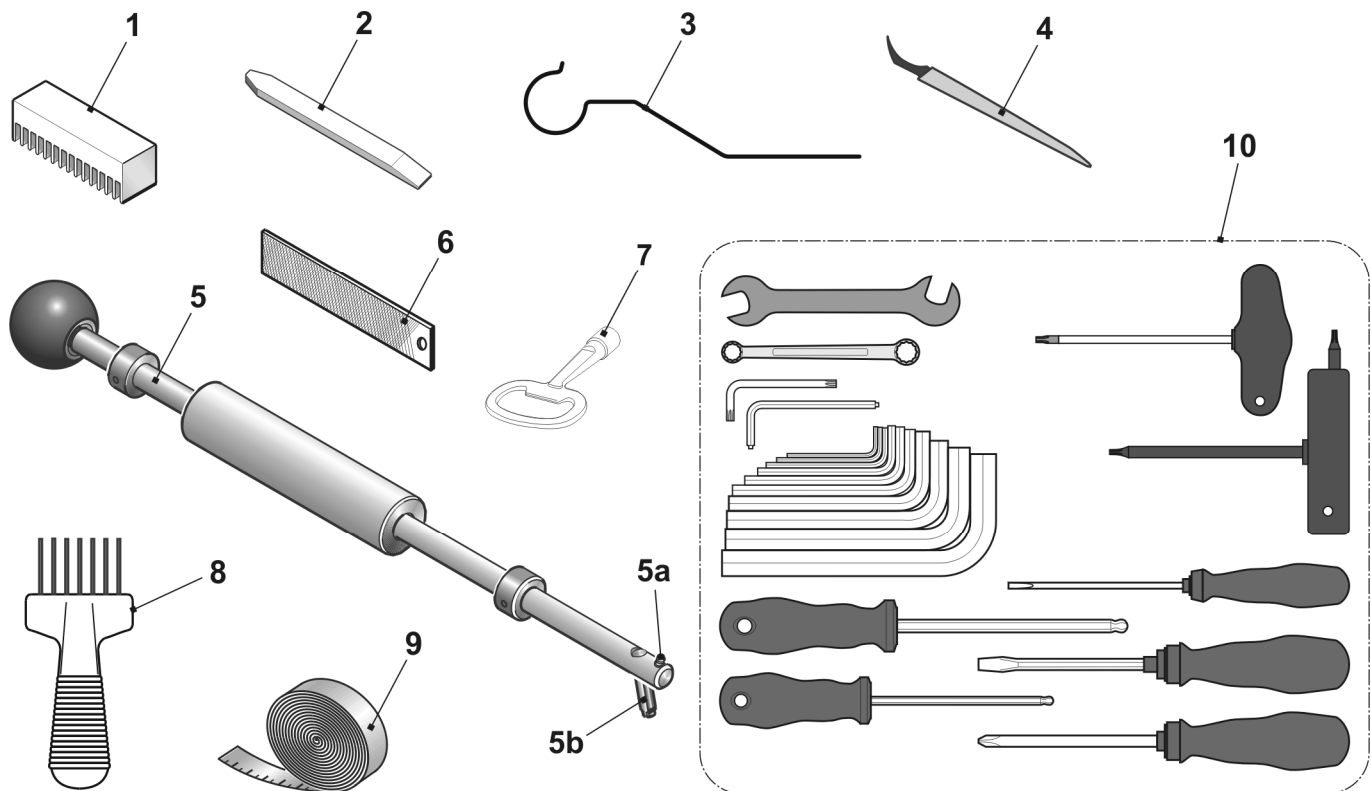


You can order the following tools, lubricants and expendables.

The following list is not conform with the scope of supply of the knitting machine.

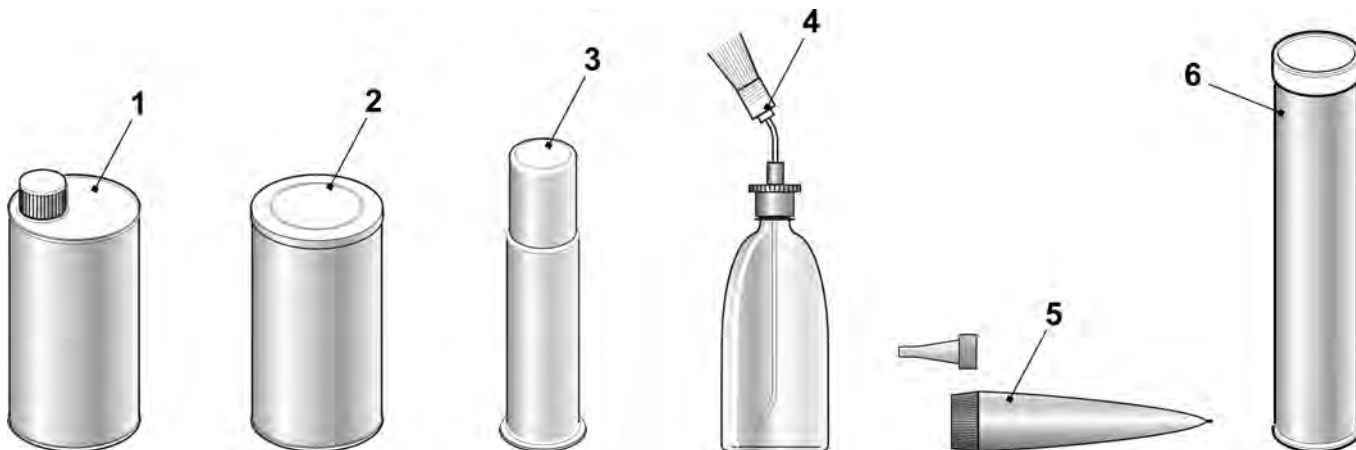
Tool

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Channel support E4	062 309	6	Groove file 1.33 mm E3-4	006 169
	Channel support E5, E2,5.2	062 310		Groove file 1.25mm E5-8, E3,5.2	006 170
	Channel support E7, E3,5.2	062 312		Groove file 0.90mm E10-12, E5.2 + 6.2	006 175
	Channel support E8	062 313		Groove file 0.73mm E14, E7.2	006 173
	Channel support E10, E5.2	062 314		Groove file 0.45mm E16-18, E9.2	006 179
	Channel support E12, E6.2	062 315	7	Key of control cabinet	009 346
	Channel support E14, E7.2	218 069	8	Groove cleaner E4	031 232
	Channel support E16, E8.2	230 188		Groove cleaner E5	031 233
	Channel support E18, E9.2	230 189		Groove cleaner E6	031 234
	Channel support E20	230 190		Groove cleaner E7, E3,5.2	031 235
2	Channel chisel E14-20 (E5-14)	062 316		Groove cleaner E8	031 236
	Channel chisel E4-8 (E3,5.2)	062 317		Groove cleaner E10 (E5.2)	031 238
	Channel chisel E10-14	062 318		Groove cleaner E12 (E6.2)	031 240
3	Yarn guide on the left	227 071		Groove cleaner E14 (E7.2)	031 242
	Yarn guide on the right	227 070		Groove cleaner E16	225 111
4	Working hook	227 249		Groove cleaner E18 (E9.2)	225 112
5	Extraction hook	232 027		Groove cleaner E20	225 113
	5a Small pin	202 843	9	Measuring tape L=150cm	228 180
	5b Pin	232 022	10	Tool kit	209 527



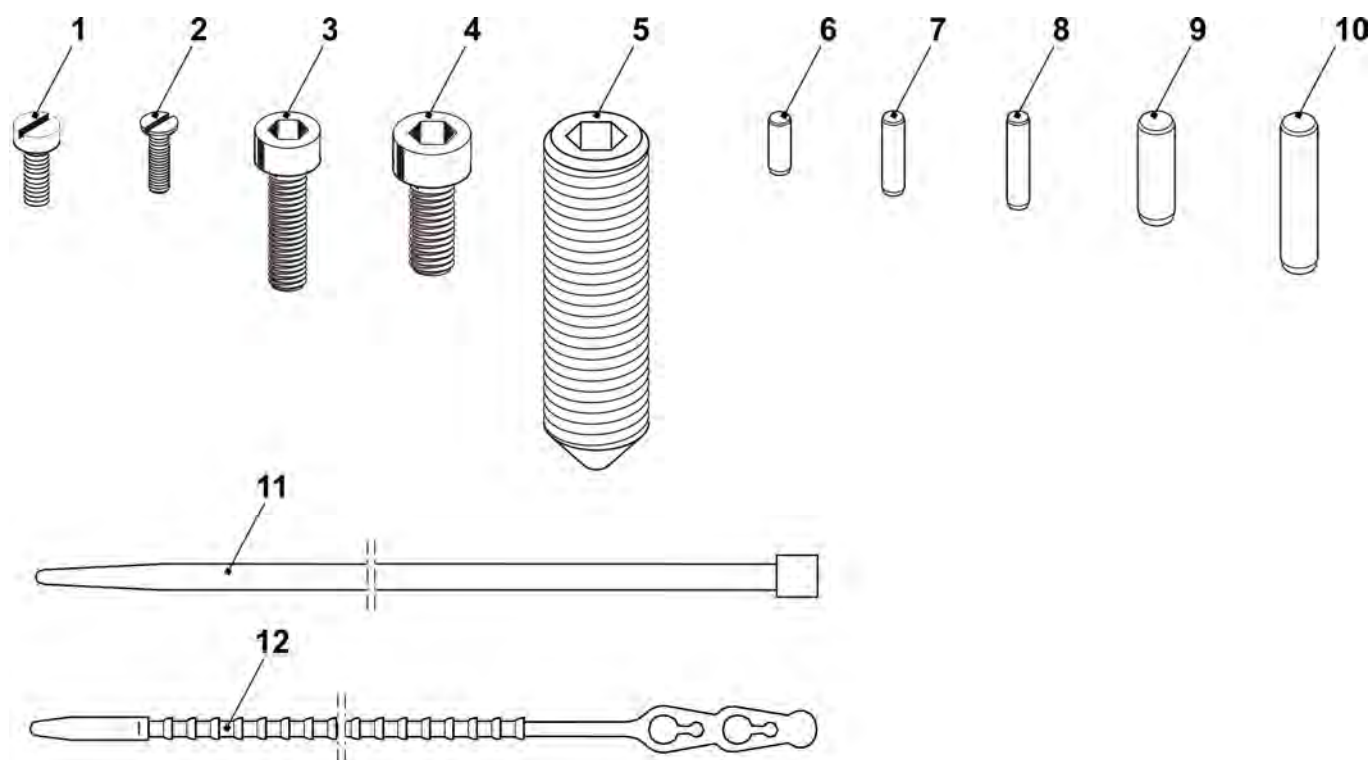
Lubricating stuff

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Textile machines oil T46, 1l	230 614	4	Oil combifix no. 8/10 group 10	216 732
2	Grease OKS 475, 1kg	009 200	5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351	6	Grease Staburags NBU 12/300KP	231 191

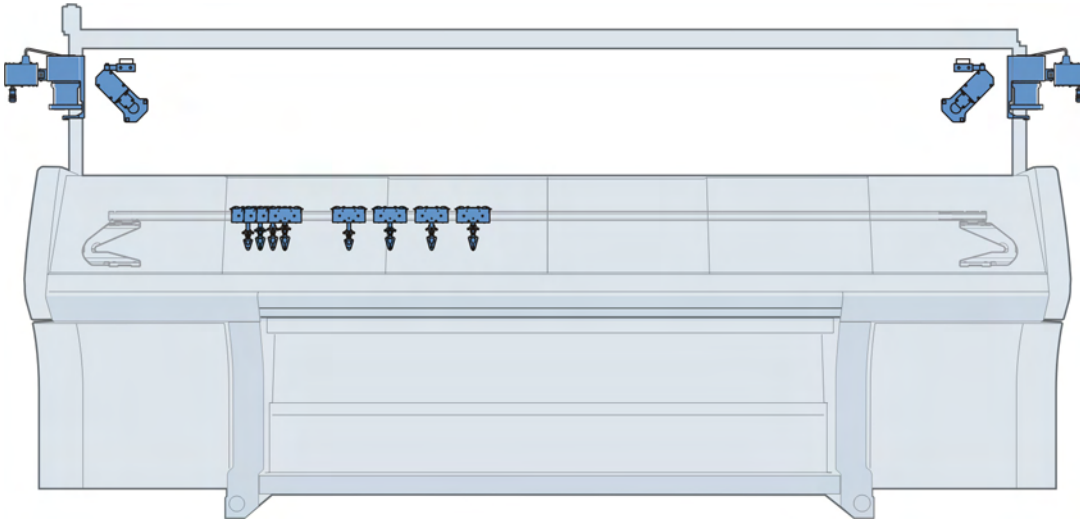


Mechanical parts

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cap screw M4x8	020 091	11	Cable binder 203x3.6 mm	025 815
2	Countersunk screw ISO 2009 - M3x6	020 286		Cable binder T50L	026 294
3	Cap screw DIN 912 - M5x16	022 726		Cable binder	008 379
4	Cap screw DIN 912 - M6x14	022 658		Cable binder 302x4.8 mm	008 642
5	Set screw DIN 914 - M16x50-45H	023 235		Cable binder 92x2.4mm	008 378
6	Setting pin 3x7	020 643	12	Reusable tie ABV 232 320mm	026 557
7	Setting pin 3x10	020 645			
8	Setting pin 3x12	020 647			
9	Setting pin 5x12	021 988			
10	Setting pin 5x18	022 622			

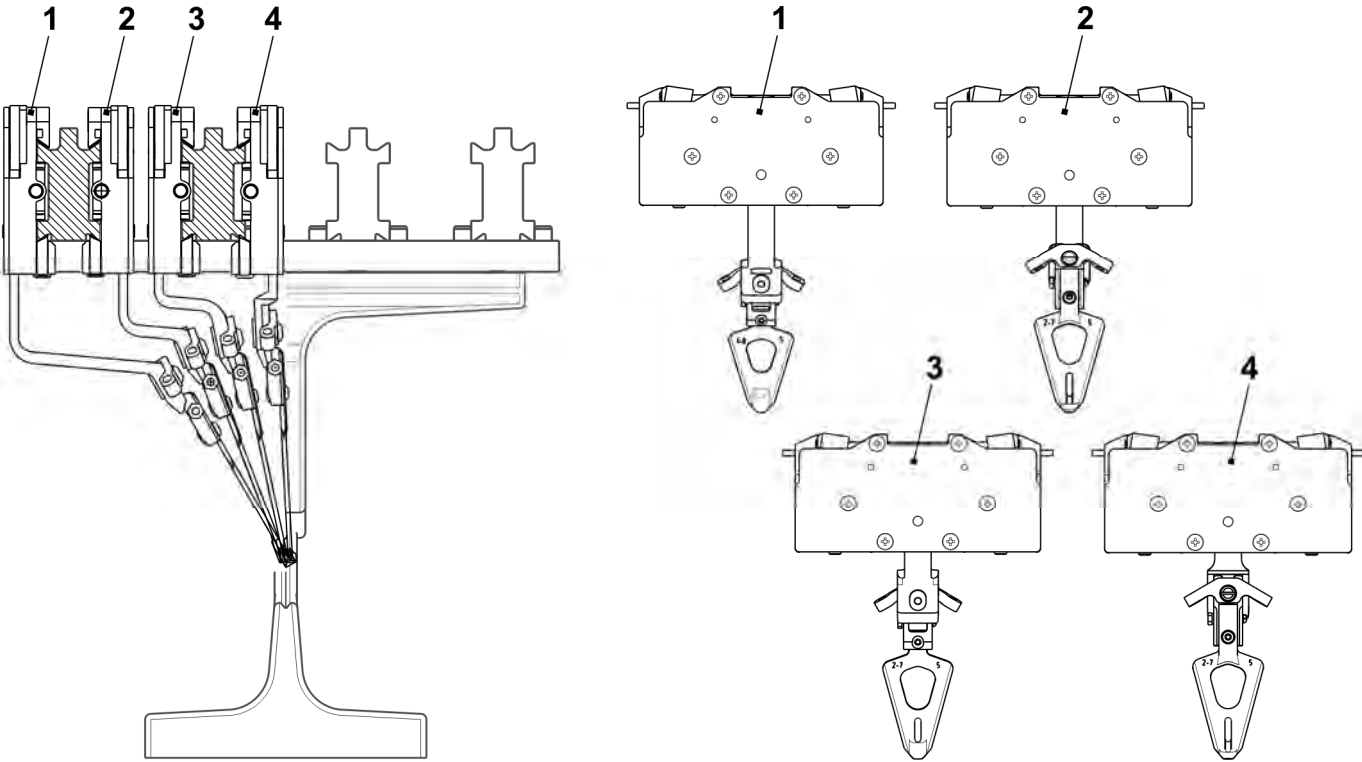


Special equipment



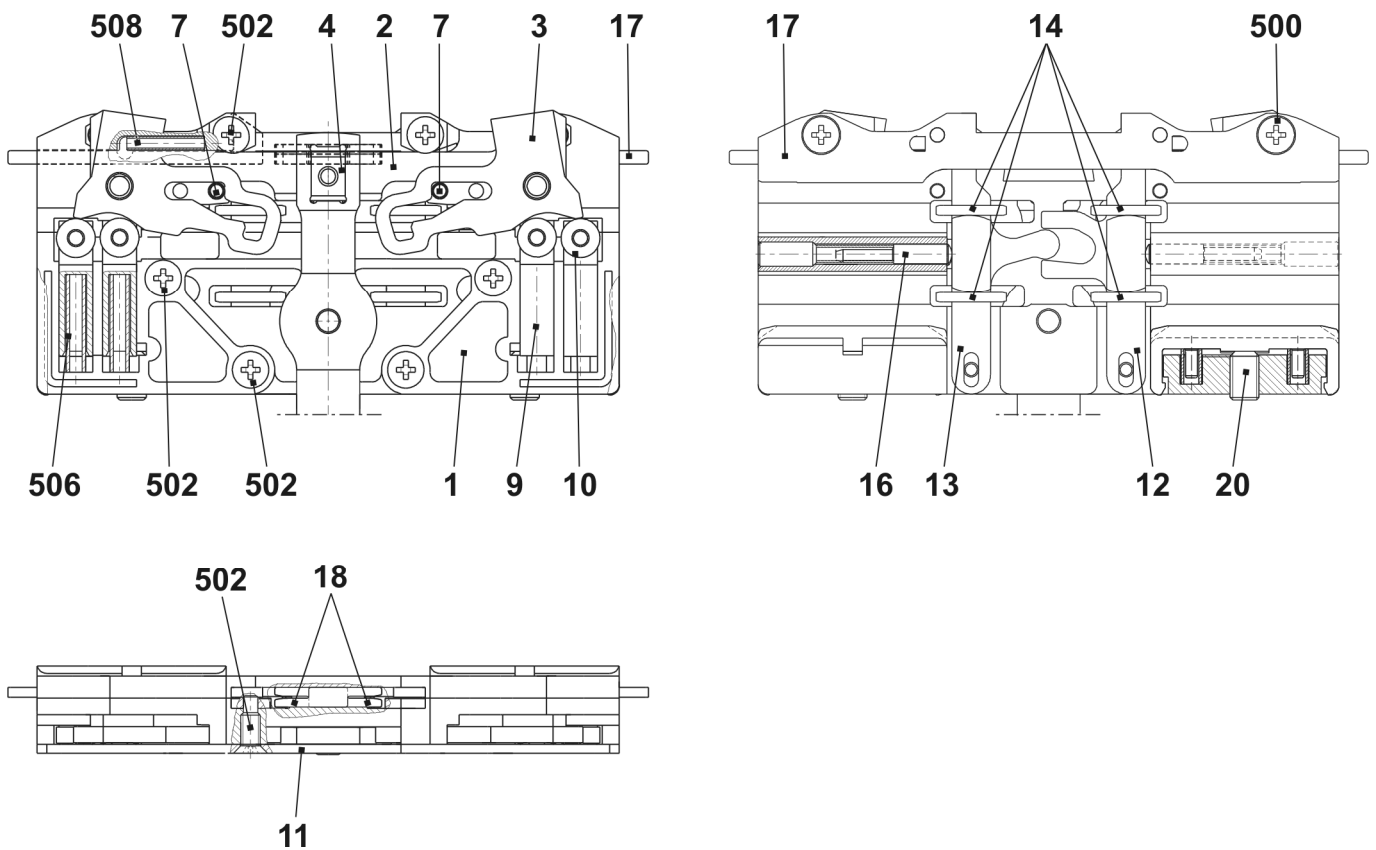
Complete intarsia yarn carriers

Designation	Gauge	Track	Pos	Ident No	Designation	Gauge	Track	Pos	Ident No
Intarsia yc carriage complete	E5	1 + 8	1	212 974	Intarsia yc carriage complete	E14 E8.2	1 + 8	1	214 146
	E2,5.2	2 + 7	2	212 977			2 + 7	2	214 147
	E3,5.2	3 + 6	3	212 980			3 + 6	3	214 148
	E5.2	4 + 5	4	212 983			4 + 5	4	214 149
	E7 - E8 E6.2	1 + 8	1	212 975		E16 - E18	1 + 8	1	227 126
		2 + 7	2	212 978			2 + 7	2	227 127
		3 + 6	3	212 981			3 + 6	3	227 128
		4 + 5	4	212 984			4 + 5	4	227 129
	E10 - E12 E6.2(12) E7.2 E9.2	1 + 8	1	212 976					
		2 + 7	2	212 979					
		3 + 6	3	212 982					
		4 + 5	4	212 985					



Carriage IYC

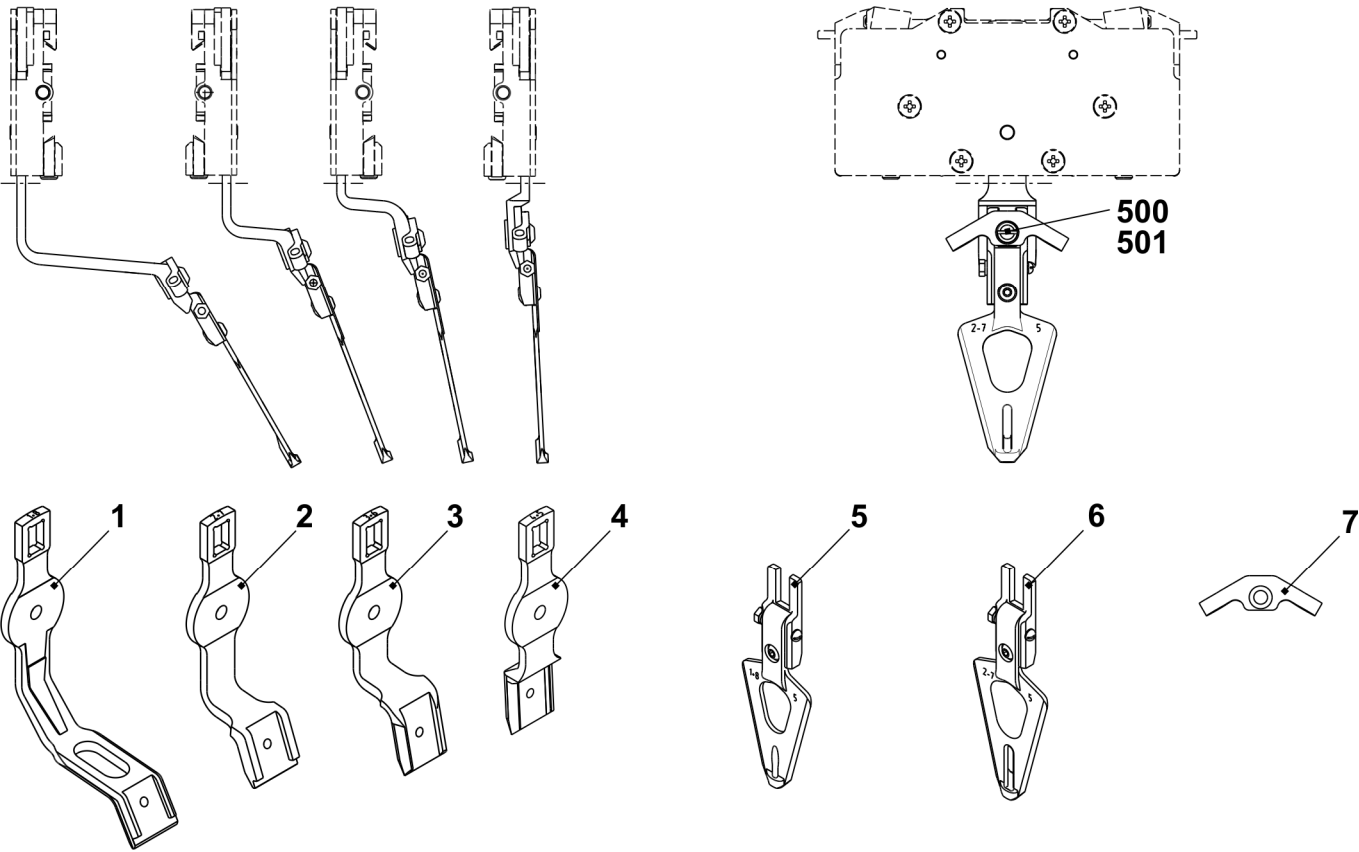
Pos	Designation	Ident No	Pos	Designation	Ident No
1	Basic plate complete	216 031	13	Clamping lever on the left	216 101
2	Slider	217 170	14	Pressure plate 2.04	201 654
3	Locking plunger	212 508		Pressure plate 2.06	208 924
4	Sliding block	212 503		Pressure plate 2.02	235 740
7	Locating pin 3.3	212 504	16	Spring pin	201 677
	Locating pin 3.4	212 505	17	Lifter	212 547
	Locating pin 3.5	212 506	18	Sliding part	212 543
9	Thrust piece	212 773	20	Threaded bolt	213 399
10	Pressure roller	212 774	500	Countersunk head screw M4x6	022 994
11	Cover	212 507	502	Countersunk head screw M4x12.5	022 979
12	Clamping lever on the right	216 100	506	Compression spring 4.0x0.7x25	022 969
			508	Compression spring 2.8x0.35x19	023 394



Bow and head IYC

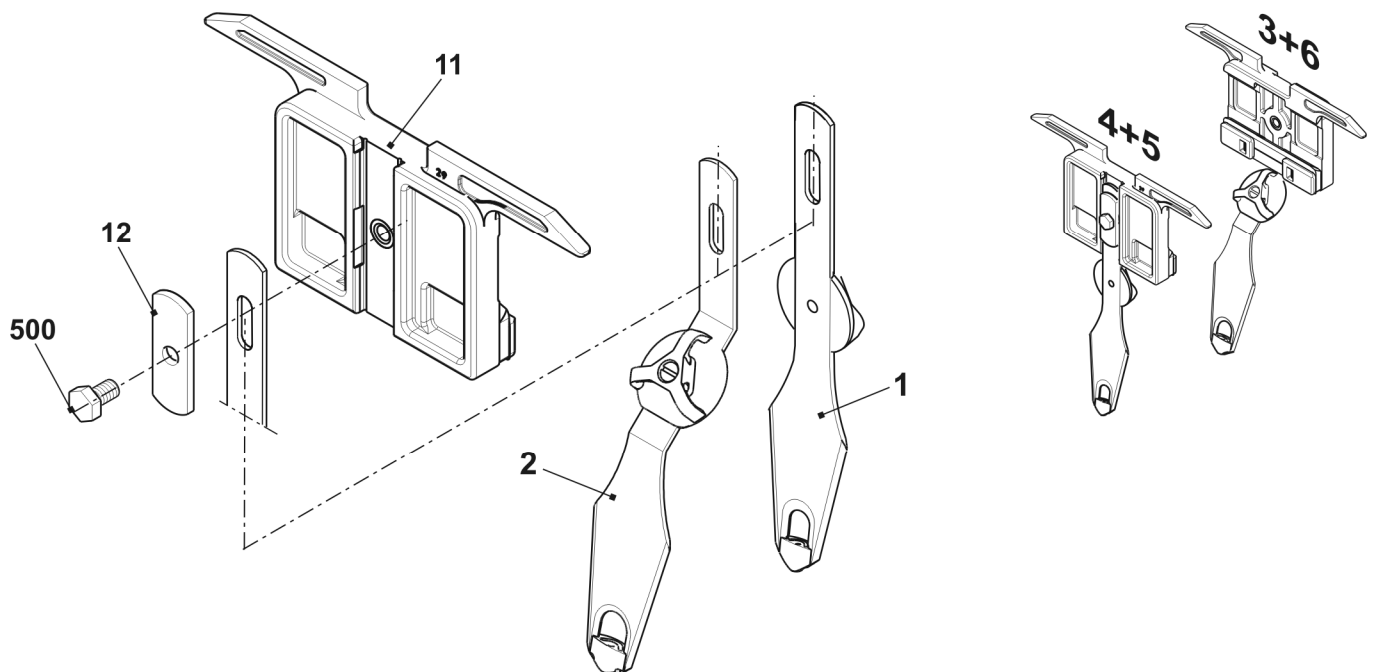
Pos	Designation	Ident No	Pos	Designation	Ident No
1	YC bow 1+8	212 986	7	Yarn guide angle	201 672
2	YC bow 2+7	212 987	510	Cap screw M4x8	022 977
3	YC bow 3+6	212 988	512	Circlip S4-FST	022 774
4	YC bow 4+5	212 989			

Pos	Designation	Gauge	Track	Ident No	Pos	Designation	Gauge	Track	Ident No
5	YC head	E5, E5.2	1 + 8	208 579	6	YC head	E5, E5.2	2 + 7 3 + 6 4 + 5	208 581
		E2,5.2					E2,5.2		
		E3,5.2					E3,5.2		
		E7 - E8		208 580			E7 - E8		208 582
		E6.2					E6.2		
		E10 - E12		209 700			E10 - E12		209 701
		E6.2(12)					E6.2(12)		
		E7.2					E7.2		
		E9.2					E9.2		
		E14		213 864			E14		213 865
		E8.2					E8.2		
		E16 - E18		227 109			E16 - E18		227 113



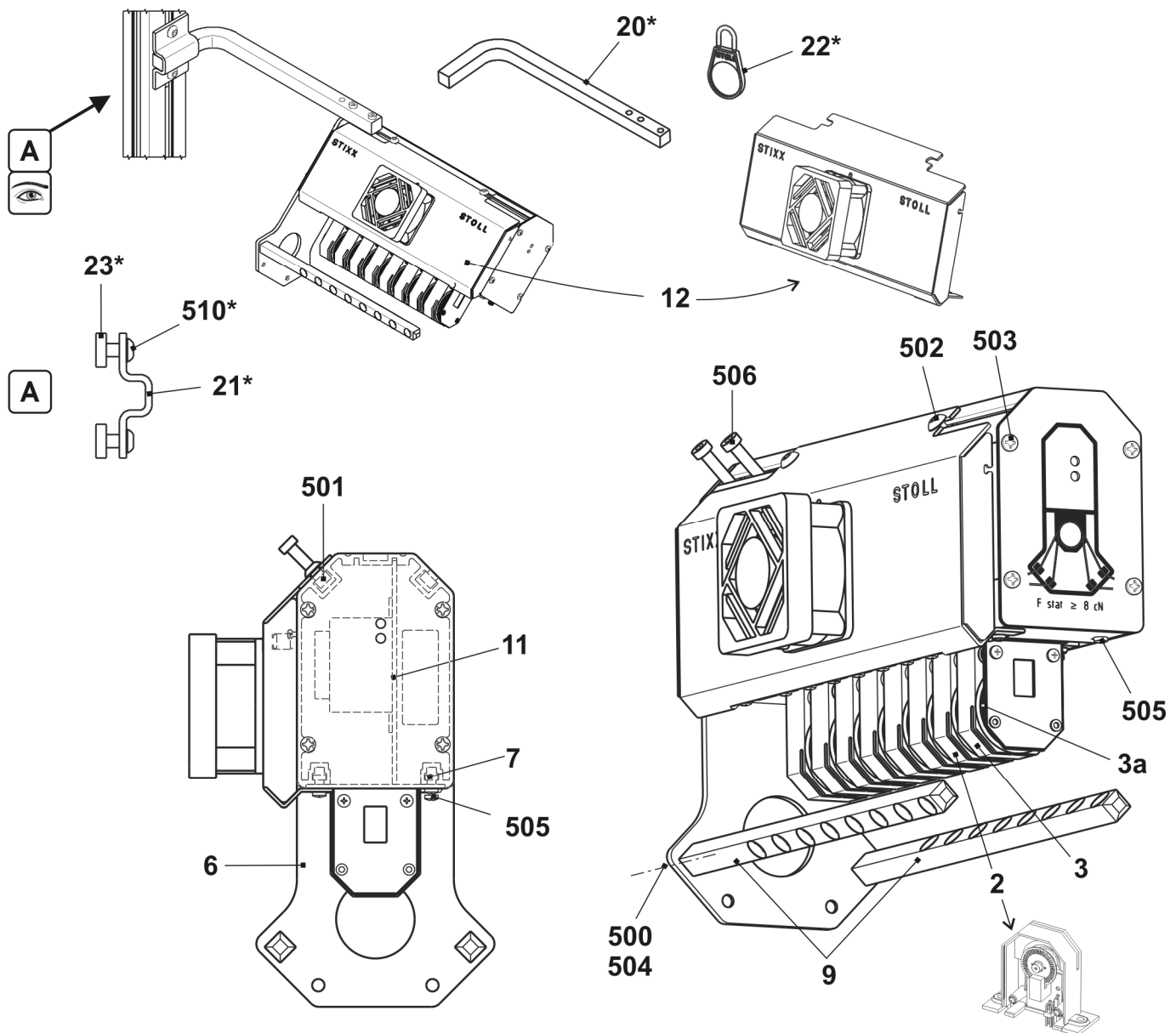
Bow of plating yarn carrier

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Plating YC bow 4+5	214 591	2	Plating YC bow 3+6 E3 - E4	214 590
	Plating YC bow 4+5 E5 + E2,5.2 + E3,5.2 + E5.2	213 326		Plating YC bow 3+6 E5 + E2,5.2 + E3,5.2 + E5.2	213 328
	Plating YC bow 4+5 E7 - E8 + E6.2	213 327		Plating YC bow 3+6 E7 - E8 + E6.2	213 329
	Plating YC bow 4+5 E10 - E14 + E7.2 + E9.2	213 330		Plating YC bow 3+6 E10 - E14 + E7.2 + E9.2	213 331
11	YC carriage complete	243 062	500	Hexagon screw M5x10	020 351
12	Shim	213 035			



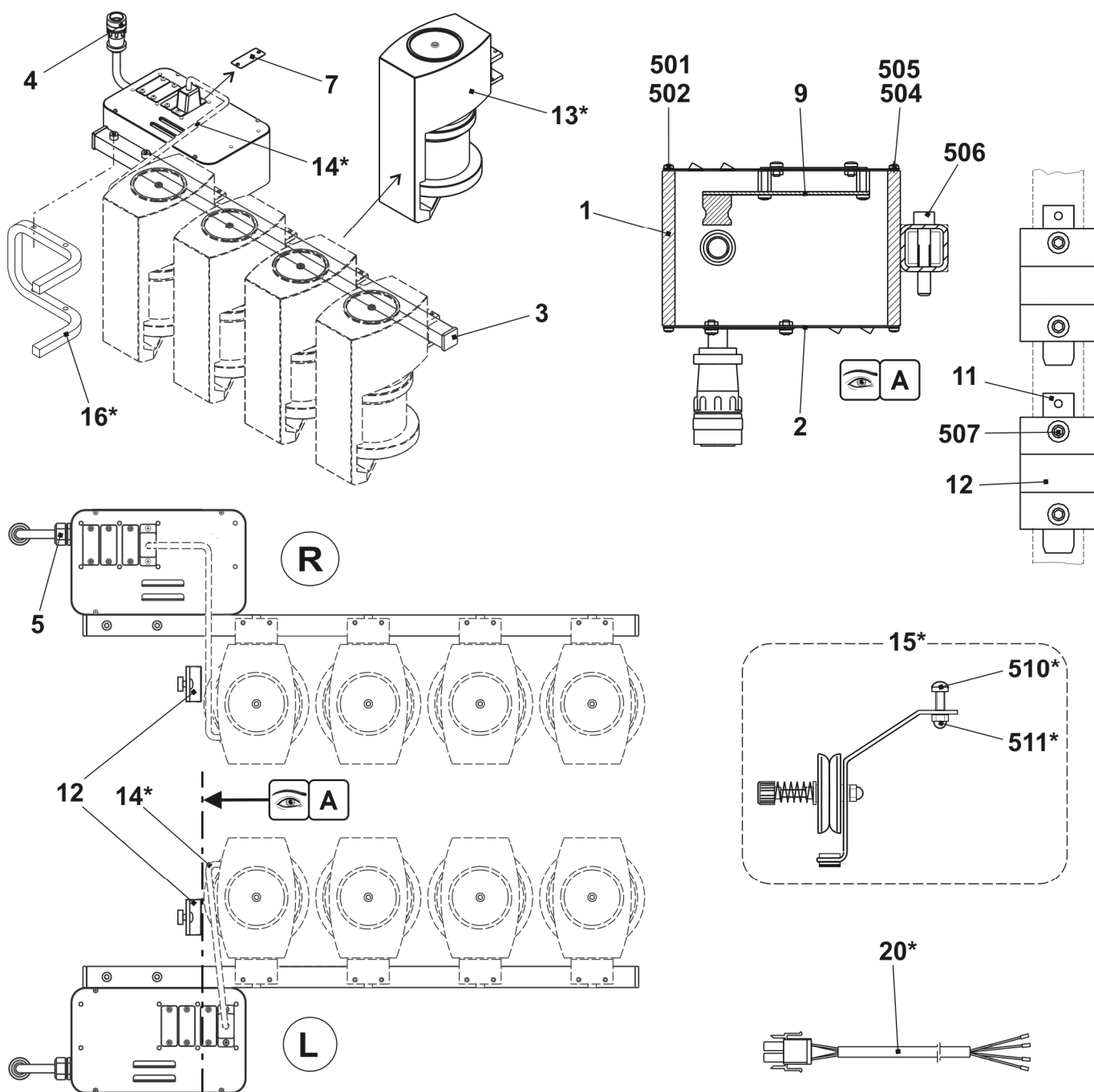
STIXX device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	STIXX 3 device	236 275	22*	Setting weight	212 241
2	Sensor	211 354	23*	Threaded bar	200 223
3	Sensor complete	212 406	500	Countersunk screw M5x10	023 247
3a	Rubber running ring	212 390	501	Spring nut M5	022 873
6	Support	236 278	502	Countersunk screw M5x6	023 246
7	Threaded bar	211 801	503	Sheet metal screw ST3.5x13	022 940
9	Yarn guide rod	211 352	504	Spring washer A5	022 454
11	Card STIXX-CPU	300 934	505	Oval head screw with washer M3x10	023 380
12	Ventilator complete	212 255	506	Cap screw M5x22	023 193
20*	Support	223 029	510*	Countersunk screw M6x16	023 113
21*	Clamp	228 583			



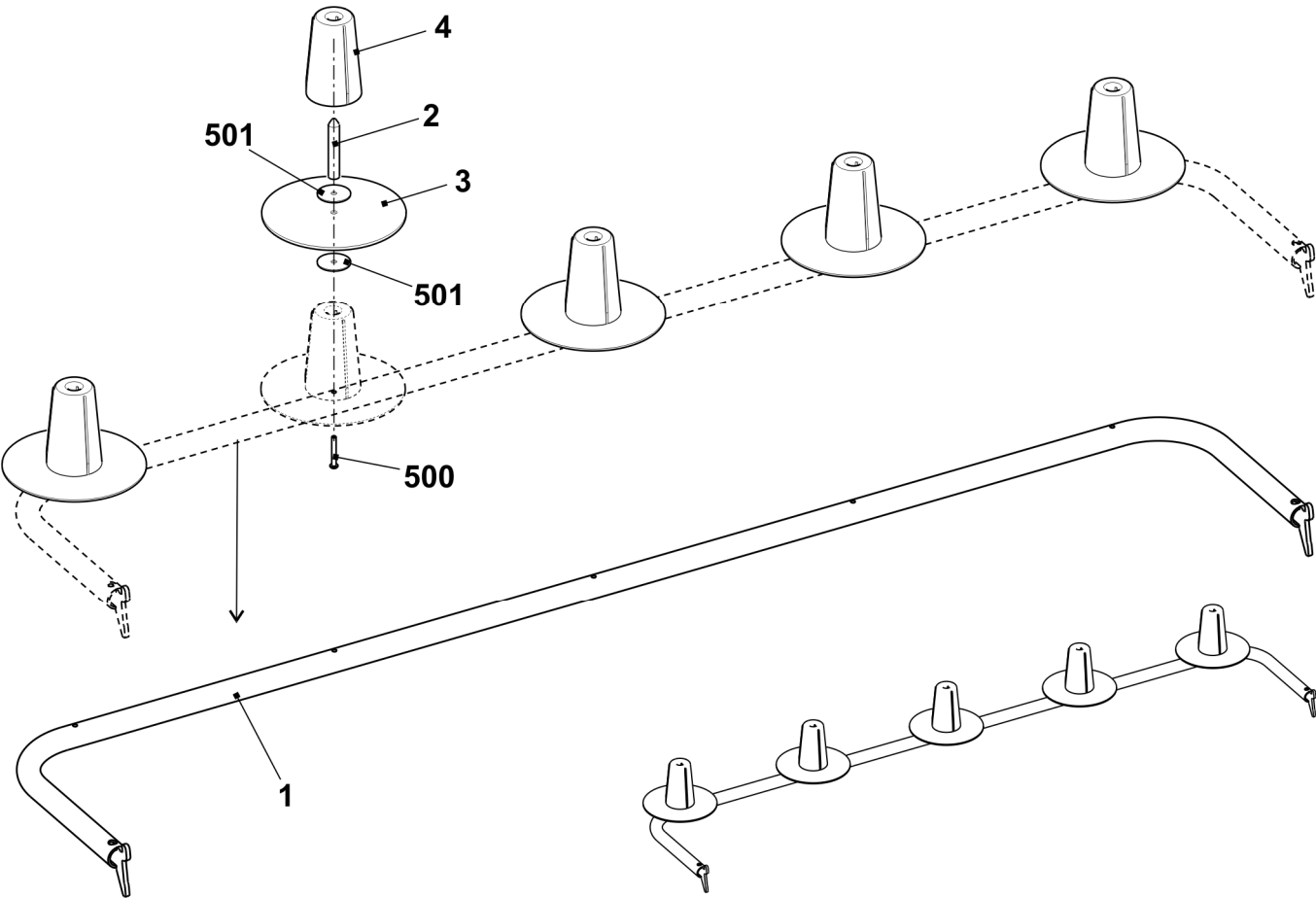
IRO NOVA storage feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Nova support on the left complete	223 960	13*	Storage feed wheel Nova	212 824
Σ R	Nova support on the right complete	224 382	14*	Connecting cable 970	202 956
1	Feed wheel support	202 803	15*	Feed wheel brake	208 901
2	Cover plate	202 806	16*	Support	224 192
3	Square plug	202 860	20*	Cable mains supply transformer Nova	224 641
4	Cable feed wheel Nova	203 470	501	Countersunk screw ISO 7045 - M3x5	023 030
5	Cable screwing	008 351	502	Washer DIN 125 - A3.2-140HV	022 806
7	Cover	201975	504	Countersunk screw ISO 7045 - M4x6	022 946
9	Electronic jack feed wheel	300 176	505	Disc DIN 433 - 4.3 - 140HV	020 879
11	Threaded bar	200 223	506	Cap screw DIN 912 - M8x45	020 146
12	Clamp	228 583	507	Oval head screw M8x16 galv.	023 113



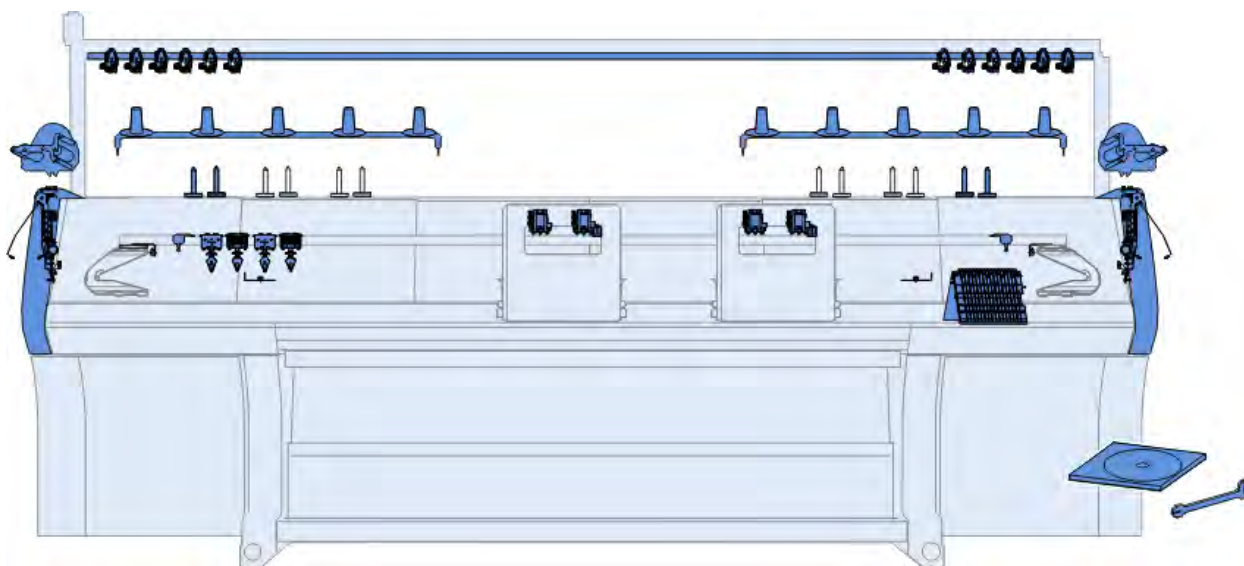
Additional board

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Additional board	241 928	4	Disc D=130	062 385
1	Additional board welded	241 927	500	Countersunk screw M4x30	023 681
2	Positioning pin	202 777	501	Washer 5.3x30x1.25	023 556
3	Bobbin support	200 363			



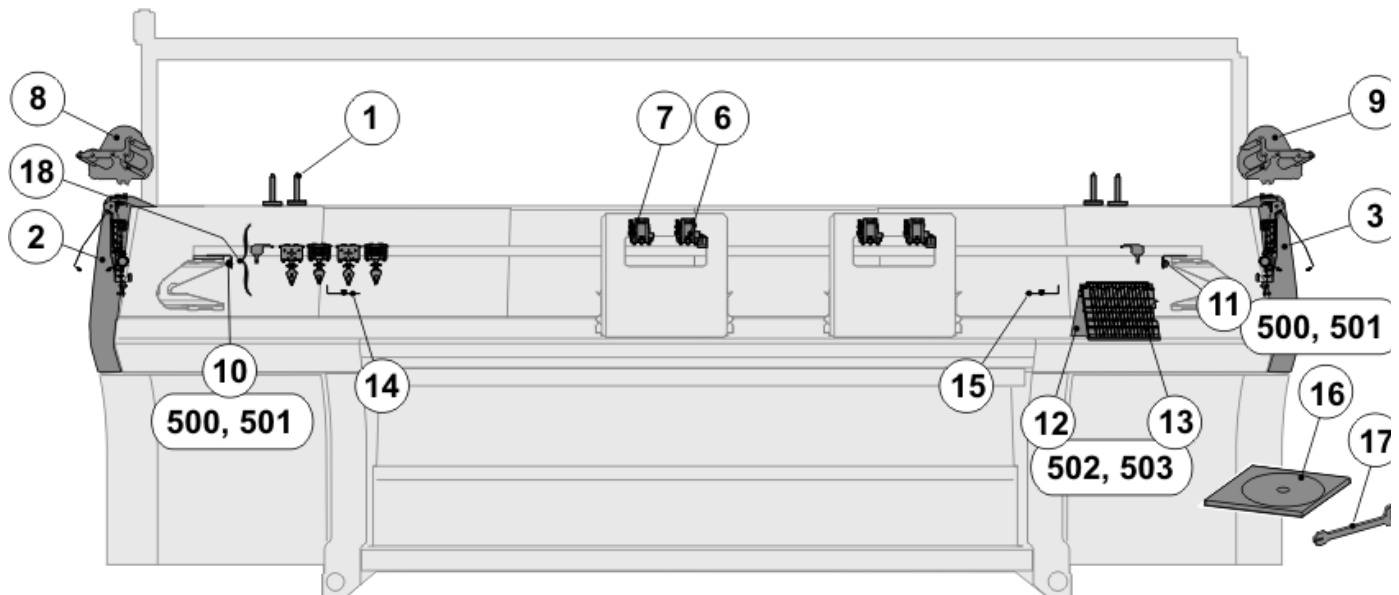
Conversion kit 32 IYC type 2

Pos.	Designation	Ident No
	CMS 822 conversion kit 32 IYC type 2 E5	250 302
	CMS 822 conversion kit 32 IYC type 2 E7-8	250 303
	CMS 822 conversion kit 32 IYC type 2 E10-14	250 304
	CMS 822 conversion kit 32 IYC type 2 E16-18	250 305



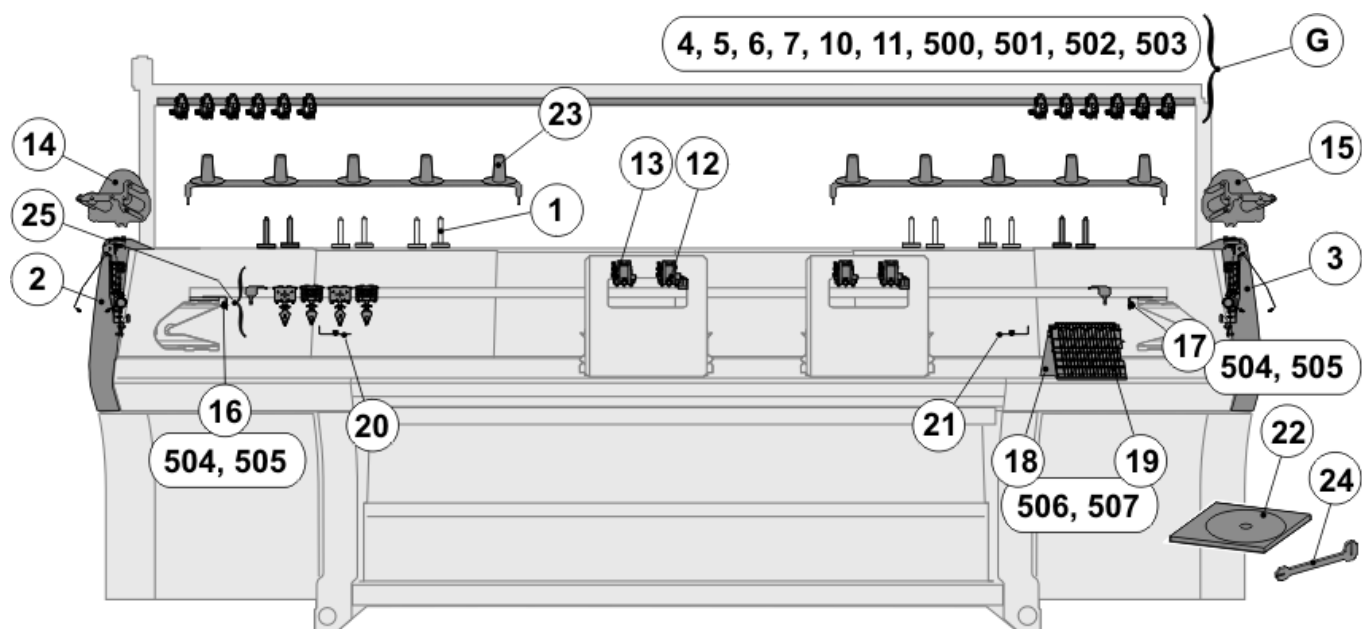
Overview of conversion kit E5

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	CMS 822 conversion kit 32 IYC E5	250 302	501	Washer 6	020 881
1	Magnet support complete	229 373	12	Left clamping/cutting bed E5-8	244 732
2	Safety cover on the left complete E5	244 504	502	Setting pin 6x16	020 677
3	Safety cover on the right complete E5	244 507	503	Screw M6x20	244 824
6	YC driving complete middle	245 298	13	Right clamping/cutting bed E5-8	244 731
7	YC driving unit outside complete	245 297	502	Setting pin 6x16	020 677
8	Friction feed wheel on the left co. 16-fold	244 991	503	Screw M6x20	244 824
9	Friction feed wheel on the right co. 16-fold	244 992	14	Thread brake on the left	245 031
10	Yarn deflector on the left complete	244 517	15	Thread brake on the right	245 032
500	Cap screw M6X14	022 658	16	DVD instructions conversion kit IYC	245 169
501	Washer 6	020 881	17	Adjusting part for yarn carrier bow	250 119
11	Yarn deflector on the right complete	244 521	18	Yarn guide complete E5 IYC	245 161
500	Cap screw M6X14	022 658			



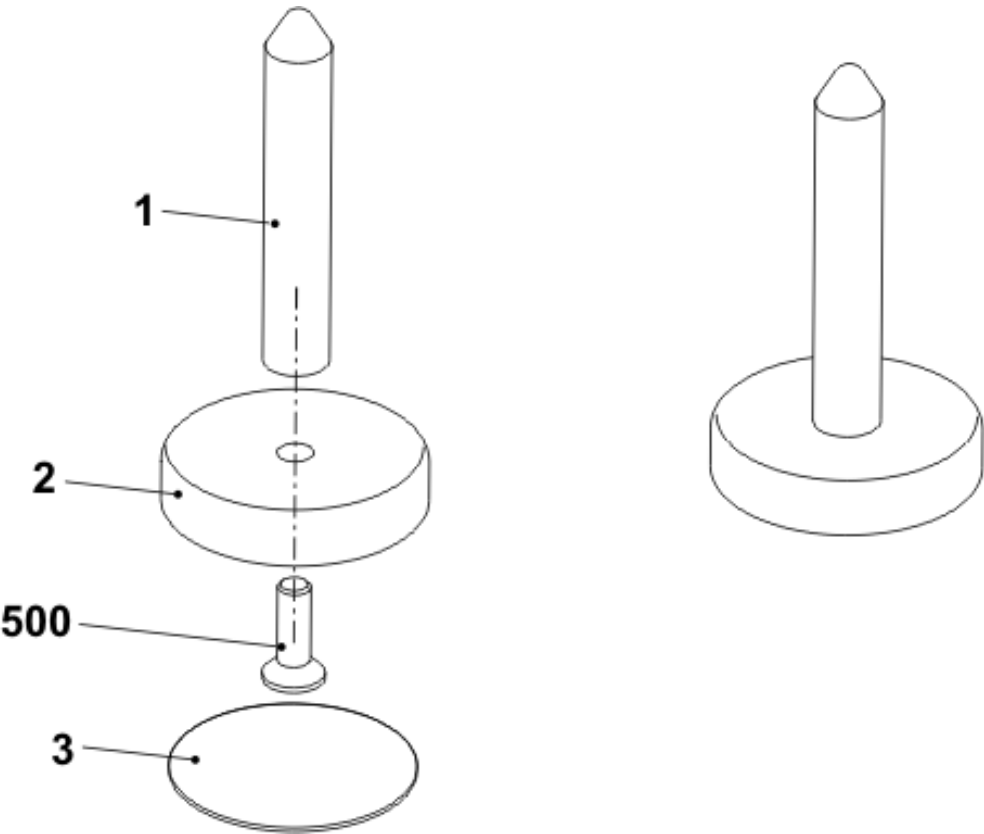
Overview of conversion kit E7-18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	CMS 822 conversion kit 32 IYC		504	Cap screw M6X14	022 658
	E7-8	250 303	505	Washer 6	020 881
	E10-14	250 304	17	Yarn deflector on the right complete	244 521
	E16-18	250 305	504	Cap screw M6X14	022 658
1	Magnet support complete	229 373	505	Washer 6	020 881
2	Safety cover on the left complete E7-8	244 505	18	Left clamping/cutting bed E5-8	244 732
	Left safety cover complete E10-18	244 506		Left clamping/cutting bed E10-14	244 643
3	Safety cover on the right complete E7-8	244 508		Left clamping/cutting bed E16-18	244 821
	Safety cover on the right complete E10-18	244 509	506	Setting pin 6x16	020 677
G	Conversion kit of yarn guide system with 6-12 FKE (yarn control unit)		507	Screw M6x20	244 824
4	Yarn guide bar	236 932	19	Right clamping/cutting bed E5-8	244 731
5	Support on the left	243 602		Right clamping/cutting bed E10-14	244 610
6	Support on the right	243 603		Right clamping/cutting bed E16-18	244 062
7	Support	239 295	506	Setting pin 6x16	020 677
10	Yarn control device	237 124	507	Screw M6x20	244 824
11	Yarn guide bracket complete	241 581	20	Thread brake on the left	245 031
500	Ratchet screw M6X12	023 415	21	Thread brake on the right	245 032
501	Ripp safety nut M6-10	023 414	22	DVD instructions conversion kit IYC	245 169
502	Square nut M8	023 269	23	Additional bobbin board 7XX/8XX	241 928
503	Countersunk screw M6x16	023 113	24	Adjusting part for yarn carrier bow	250 119
12	YC driving complete middle	245 928	25	Yarn guide complete E7-8 IYC	245 162
13	YC driving unit outside complete	245 297		Yarn guide complete E10-14 IYC	245 163
14	Friction feed wheel on the left co. 16-fold	244 991		Yarn guide complete E16-18 IYC	245 164
15	Friction feed wheel on the right co. 16-fold	244 992			
16	Yarn deflector on the left complete	244 517			



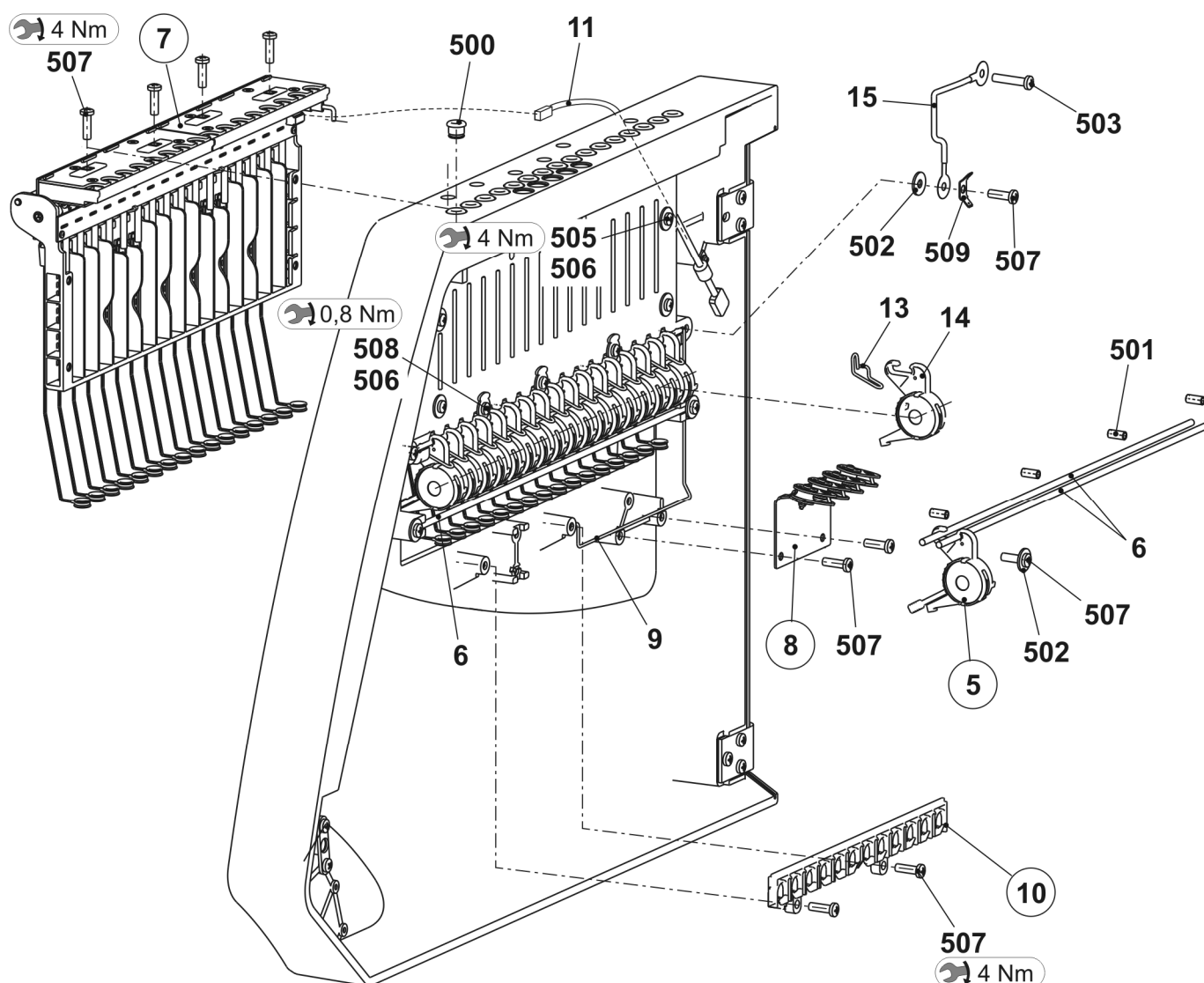
Magnet support

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Magnet support complete	229 373			
1	Positioning pin	229 345	3	Felted round blank sheet 37mm	245 165
2	Flat gripper Pg40l	227 311	500	Countersunk head screw M5x16	023 417



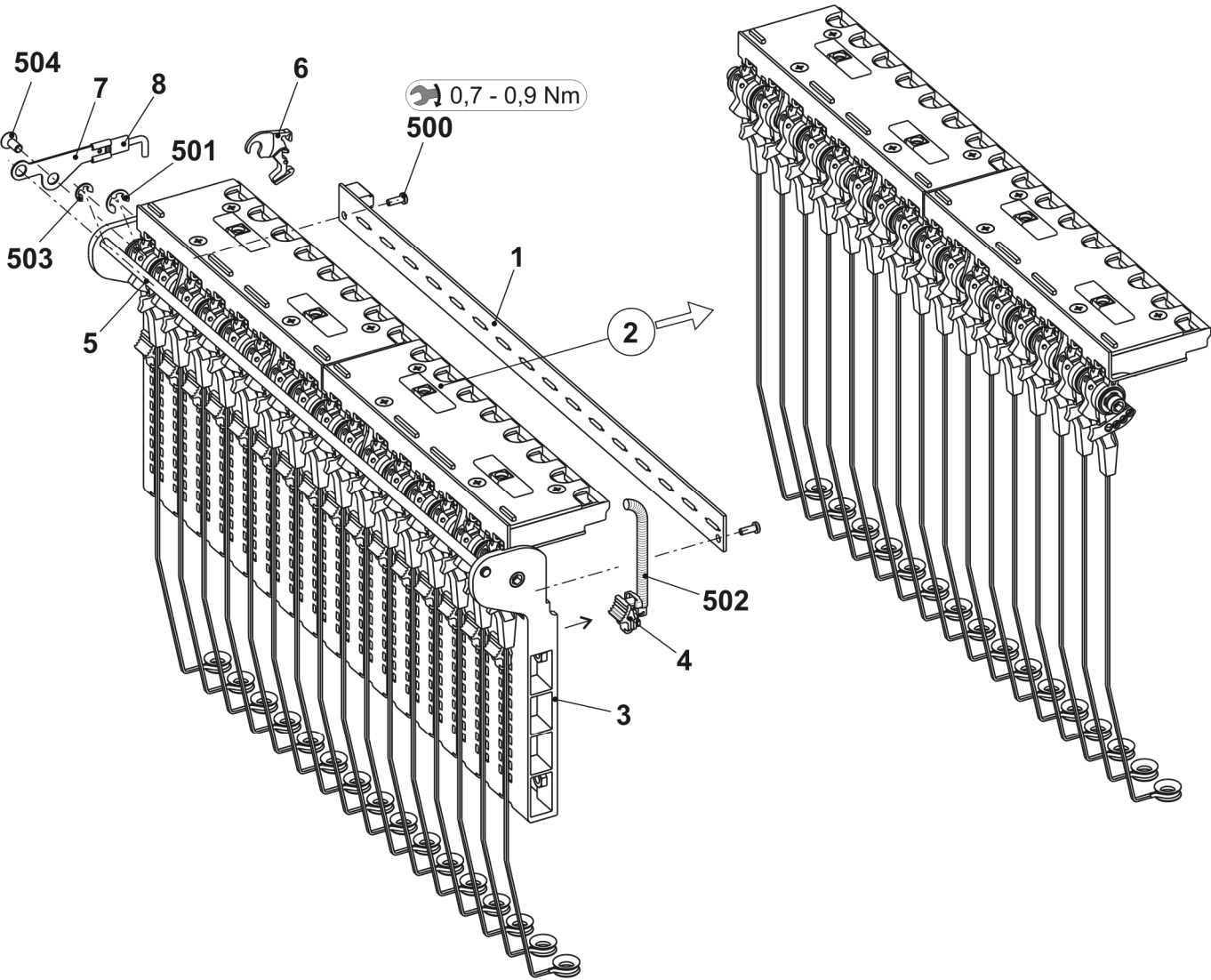
Left safety cover

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Safety cover on the left complete		11	Connection cable slack tensioner	240 808
	E3 - E5	244 504	13	Clamping bow	244 409
	E7 - E8	244 505	14	Yarn brake not adjustable	244 356
	E10 - E18	244 506	15	Ground cable hinge	244 404
5	Yarn brake complete	244 347	500	Ceramic eyelet	240 640
6	Shaft	241 318	501	Compression spring 0.90x5.40x13.60	241 360
7	Yarn tensioner on the left complete		502	Washer 6	022 537
	E3 - E5	244 498	503	Screw KB60x30	237 683
	E7 - E8	244 499	505	Countersunk screw M5x16	023 187
	E10 - E18	244 500	506	Disc 5,3x18x1,5	020 909
8	Deflector on the left complete	223 316	507	Screw KB60X20	237 682
9	Wire bow on the left	241 370	508	Sheet metal screw ST4,8x9,5-F	242 374
10	Yarn deflector	242 011	509	Flat connector 2x45° M6	243 117



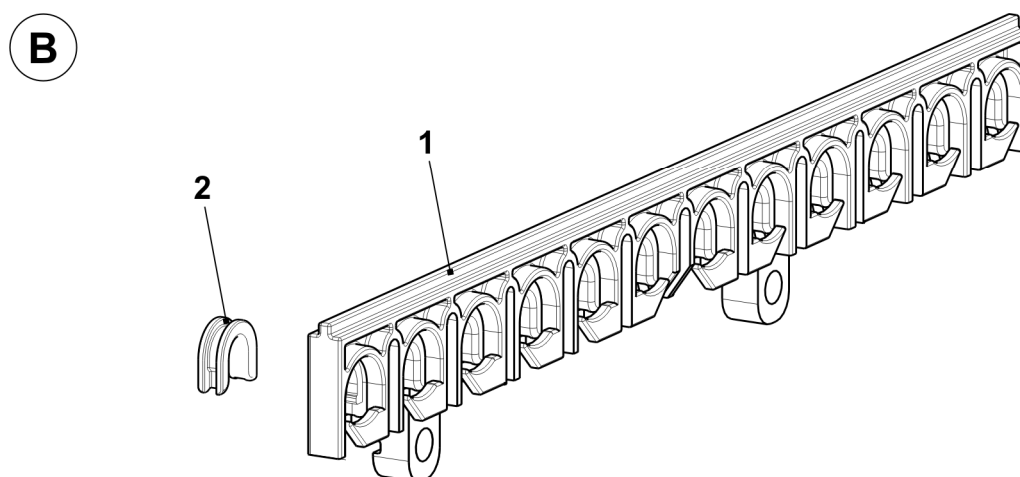
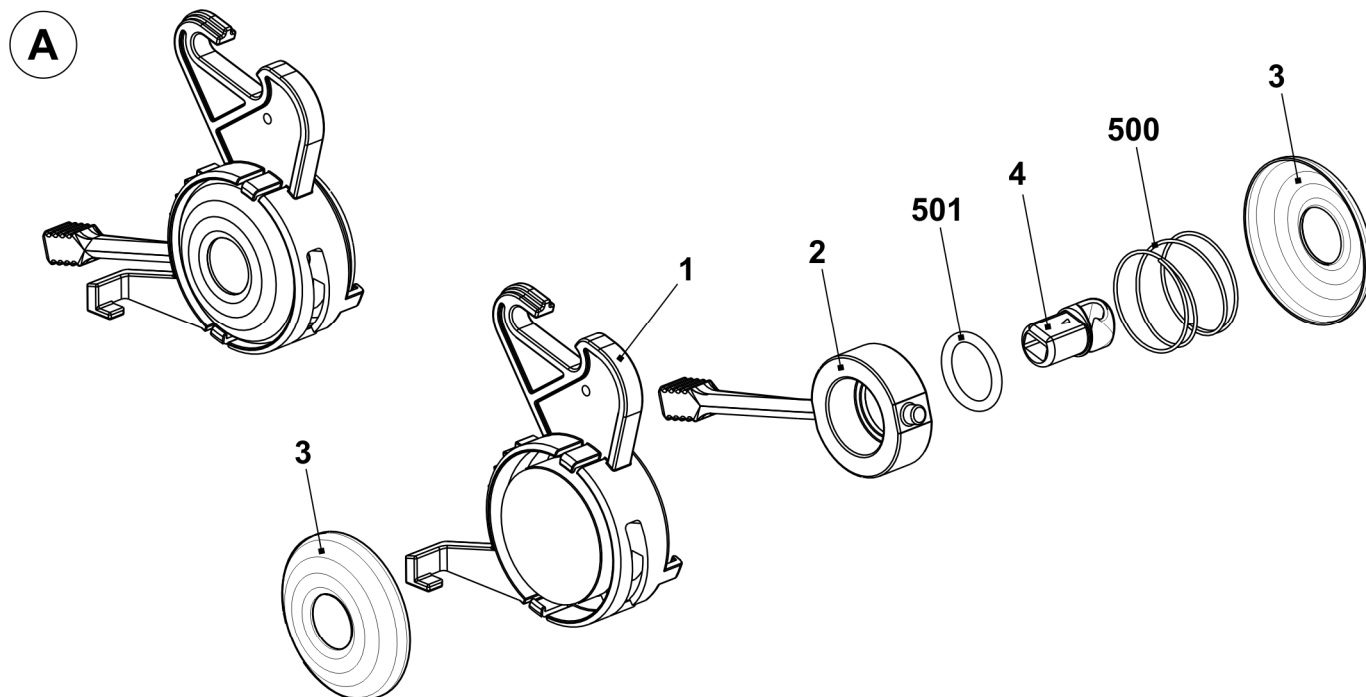
Yarn tensioner on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the left complete		6	Spacer	242 048
	E3-5	244 498	7	Grounding sheet metal of tension axle	243 121
	E7-8	244 499	8	Ground cable slack tensioner OKC	243 105
	E10-18	244 500	500	Screw KB30x8	236 228
1	Card yarn tensioner 16-folded on the left	241 345	501	Circlip	021 022
2	Tension axle complete		502	Tension spring 5.05x0.55x53 (E3-5)	023 502
	E3-8	244 494		Tension spring 4.9x0.5x53 (E7-8)	023 503
	E10-18	244 495		Tension spring 4.9x0.45x53 (E10-18)	023 504
3	Housing	241 367	503	Circlip	021 020
4	Slider	241 694	504	Countersunk screw M4x10	241 914
5	Stop point	241 368			



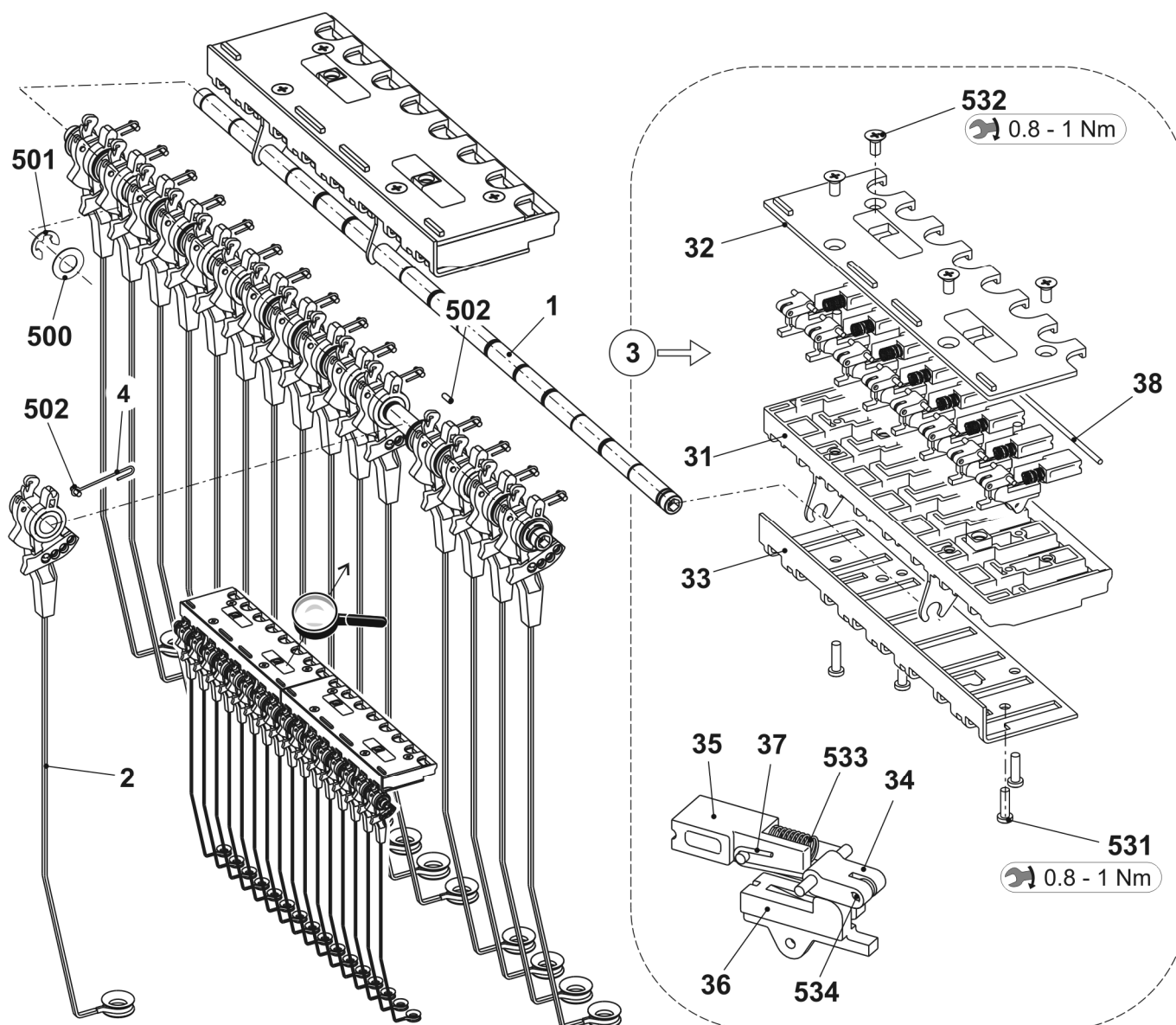
Yarn brake and yarn deflector

Pos	Designation	Ident No	Pos	Designation	Ident No
A	Yarn brake complete	244 347	B	Yarn deflector	242 011
1	Support	240 607	1	Support yarn deflector	242 009
2	Slider	240 606	2	Ceramic eyelet open	240 733
3	Brake setting	244 355			
4	Ceramic eyelet open	243 778			
500	Compression spring 0.65x20.15x14.80	241 361			
501	O-ring 11x2	241 434			



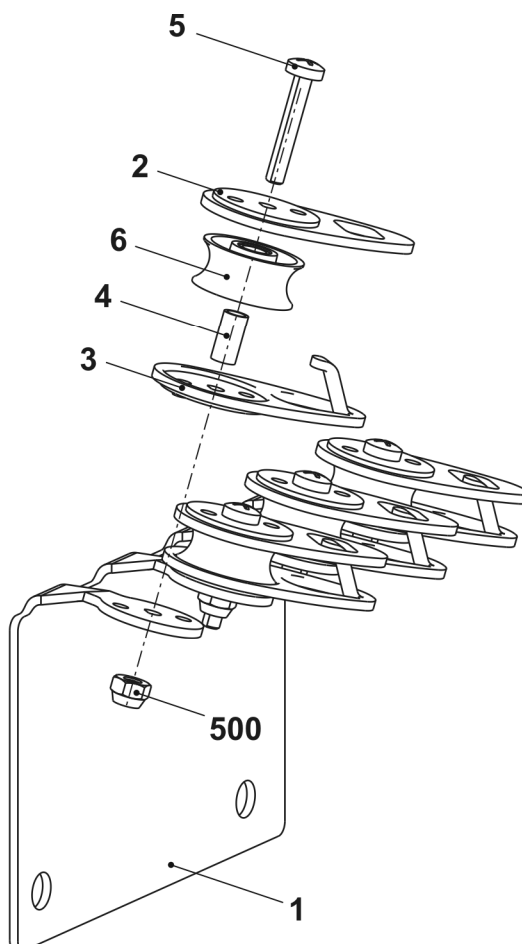
Tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Tension axle complete		3	Thread clamp AKF	238 695
	E3 – E8	244 494	31	Housing AKF	238 689
	E10 – E18	244 495	32	Cover AKF	237 926
1	Axle	244 522	33	Sheet metal at the bottom (Housing AKF)	240 719
2	Tension arm pre-assembled		34	Lever AKF	238 692
	E3 – E8	242 770	35	Thrust piece AKF	238 690
	E10 – E18	242 771	36	Slider AKF	238 691
4	Wire bow	238 694	37	Wire bow	238 694
500	Adjusting washer 8x14x0.5	023 501	38	Wire	237 940
501	Circlip	021 022	531	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	532	Screw KB 40x8	236 227
			533	Compression spring 0.30x4.50x18.50	241 437
			534	Grooved pin 2x6	243 172



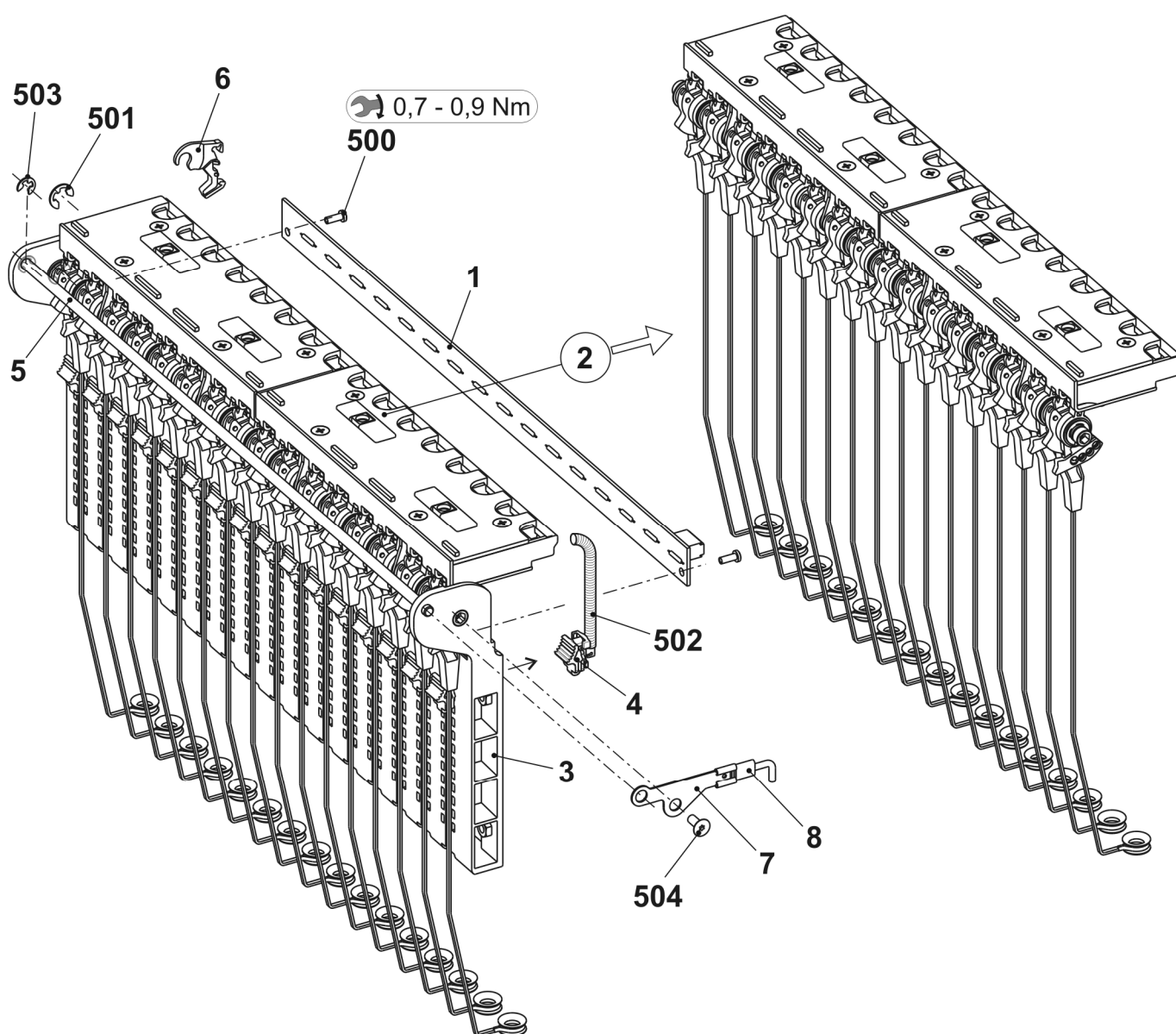
Deflector on the left

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



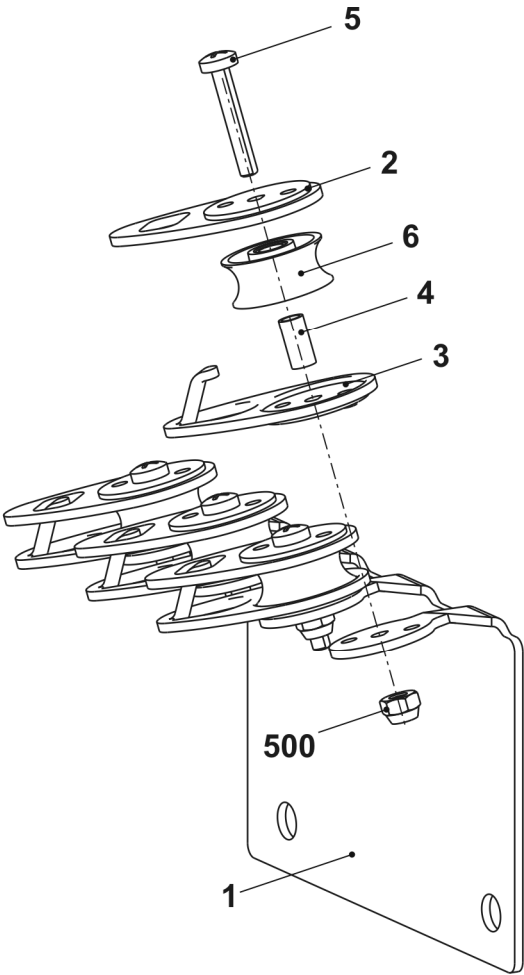
Yarn tensioner on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn tensioner on the right complete				
	E3-5	244 501	6	Spacer	242 048
	E7-8	244 502	7	Grounding sheet metal of tension axle	243 121
	E10-18	244 503	8	Ground cable slack tensioner OKC	243 105
1	Card yarn tensioner 16-folded on the right	241 346	500	Screw KB30x8	236 228
2	Tension axle complete		501	Circlip	021 022
	E3-8	244 494	502	Tension spring 5.05x0.55x53 (E3-5)	023 502
	E10-18	244 495		Tension spring 4.9x0.5x53 (E7-8)	023 503
3	Housing	241 367		Tension spring 4.9x0.45x53 (E10-18)	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



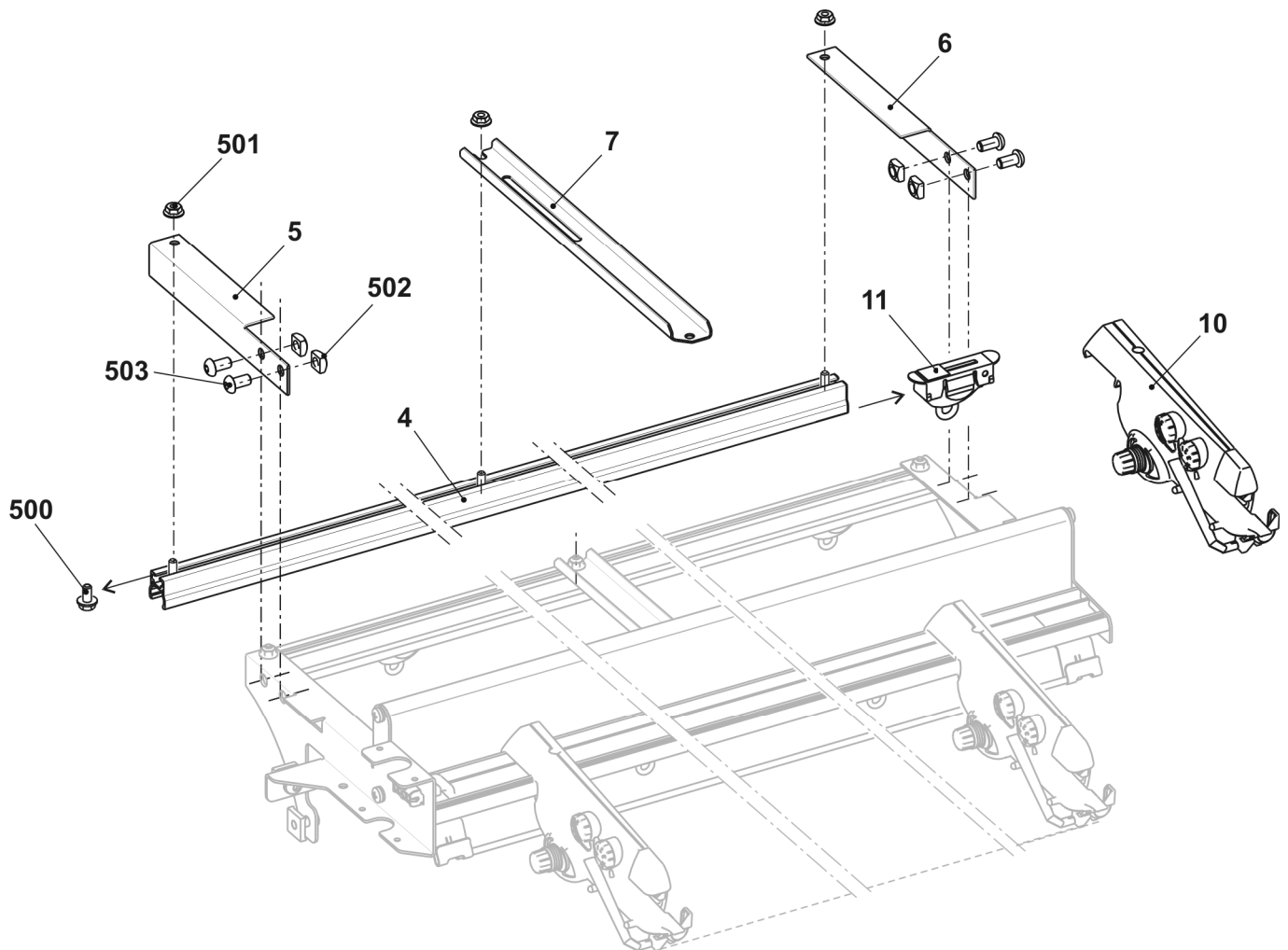
Deflector on the right

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



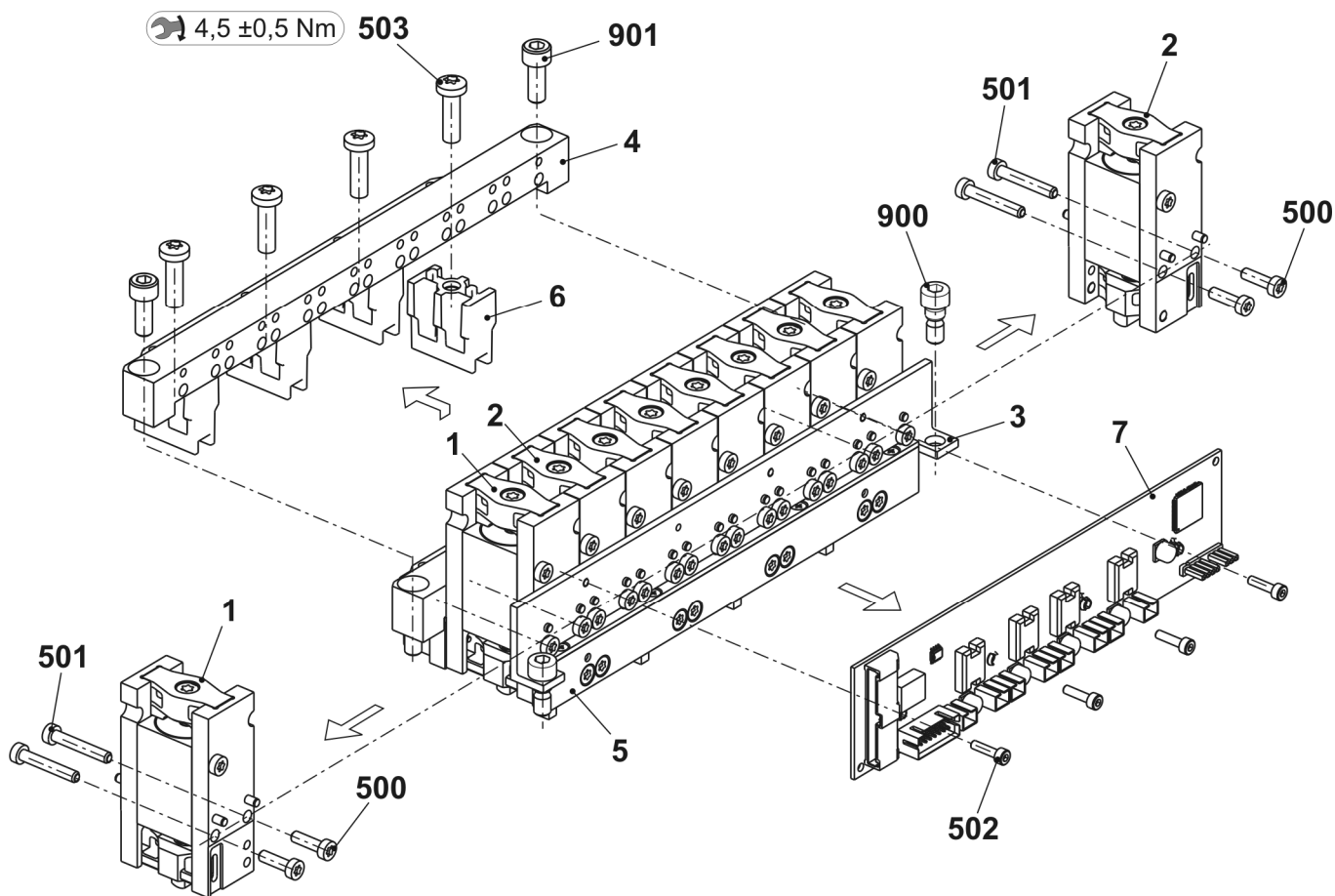
Yarn guide system with 6-12 FKE (yarn control unit)

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide system (Conversion kit) with 6/12 FKE, E7-8/10-18				
4	Yarn guide bar	236 932	11	Yarn guide bracket complete	241 581
5	Support on the left	243 602	500	Ratchet screw M6X12	023 415
6	Support on the right	243 603	501	Ripp safety nut M6-10	023 414
7	Support	239 295	502	Square nut M8	023 269
10	Yarn control device	237 124	503	Countersunk screw M6x16	023 113



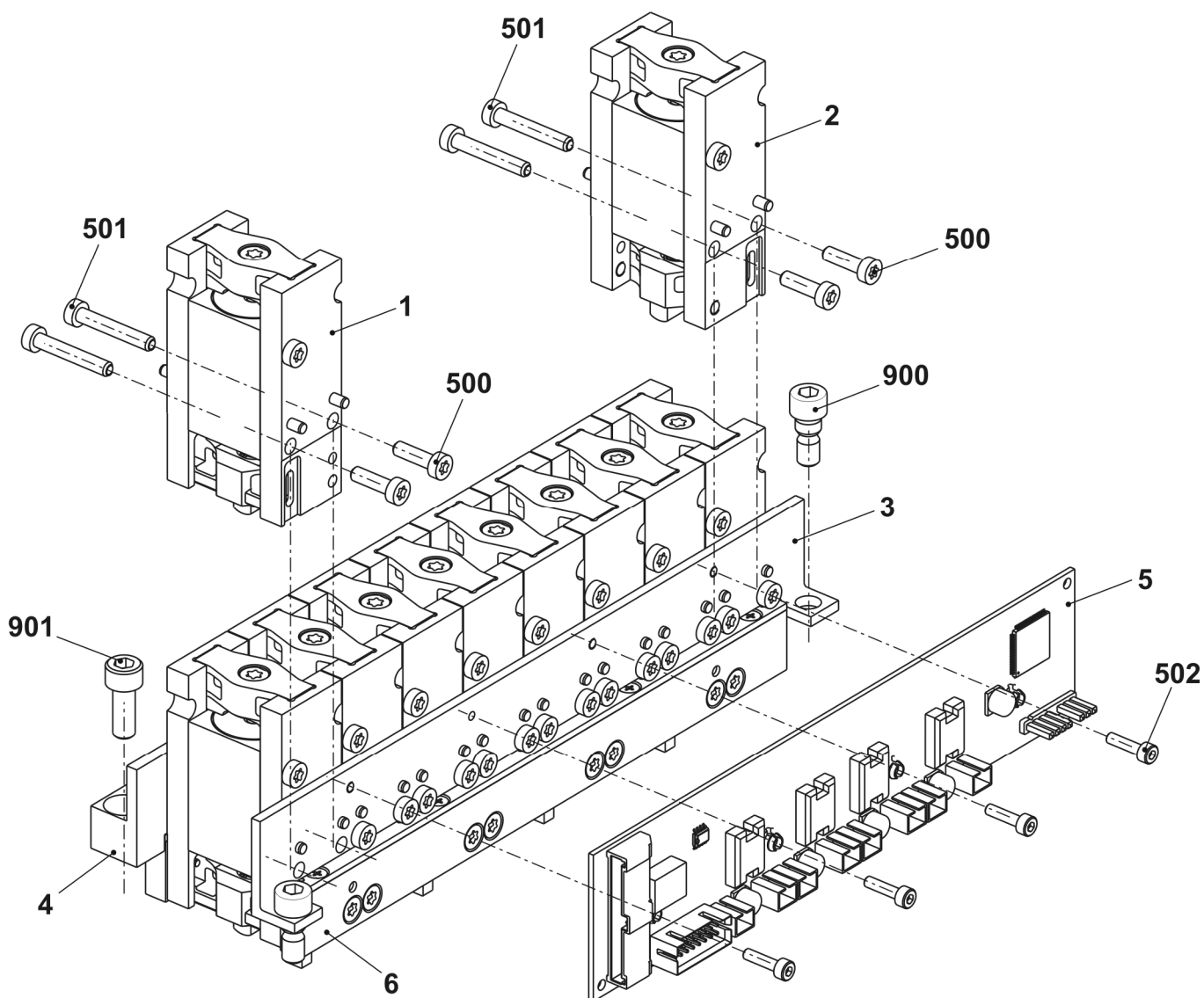
Driving unit in the middle

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit complete in the middle	245 298	7	Card yarn carrier amplifier OKC	300 960
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x40-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Mounting block in the middle	245 308	503	Screw KB60X20	243 625
5	Switch mechanism	245 312	900	Dowel screw	231 899
6	Guiding part	239 972	901	Cap screw M6X16	020 135



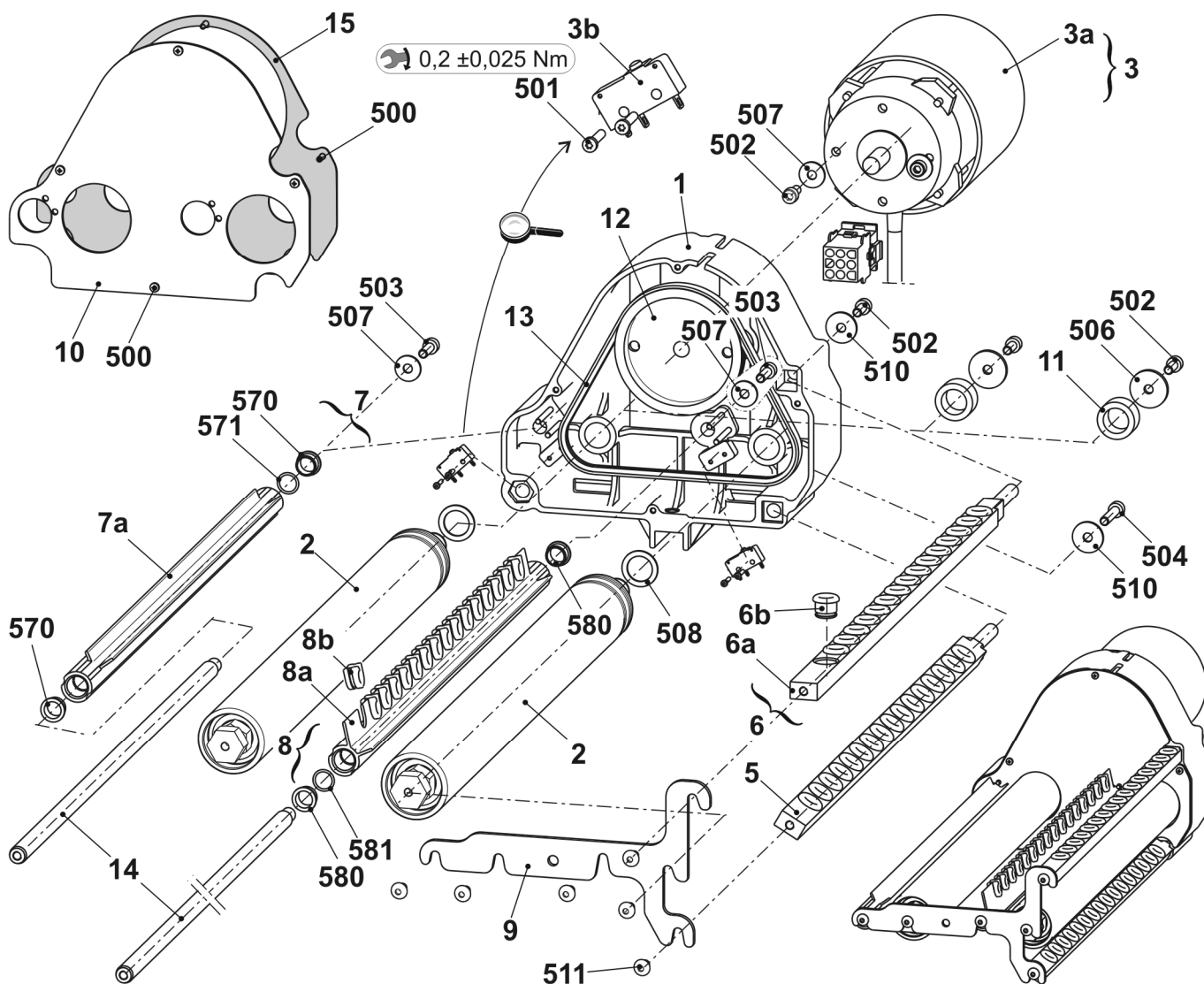
Driving unit outside

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	YC driving unit outside complete	245 297	6	Switch mechanism	245 312
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x40-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313	502	Cap screw M3x12-12.9	022 648
4	Mounting block outside	245 294	900	Dowel screw	231 899
5	Card yarn carrier amplifier OKC	300 960	901	Cap screw M6X16	020 135



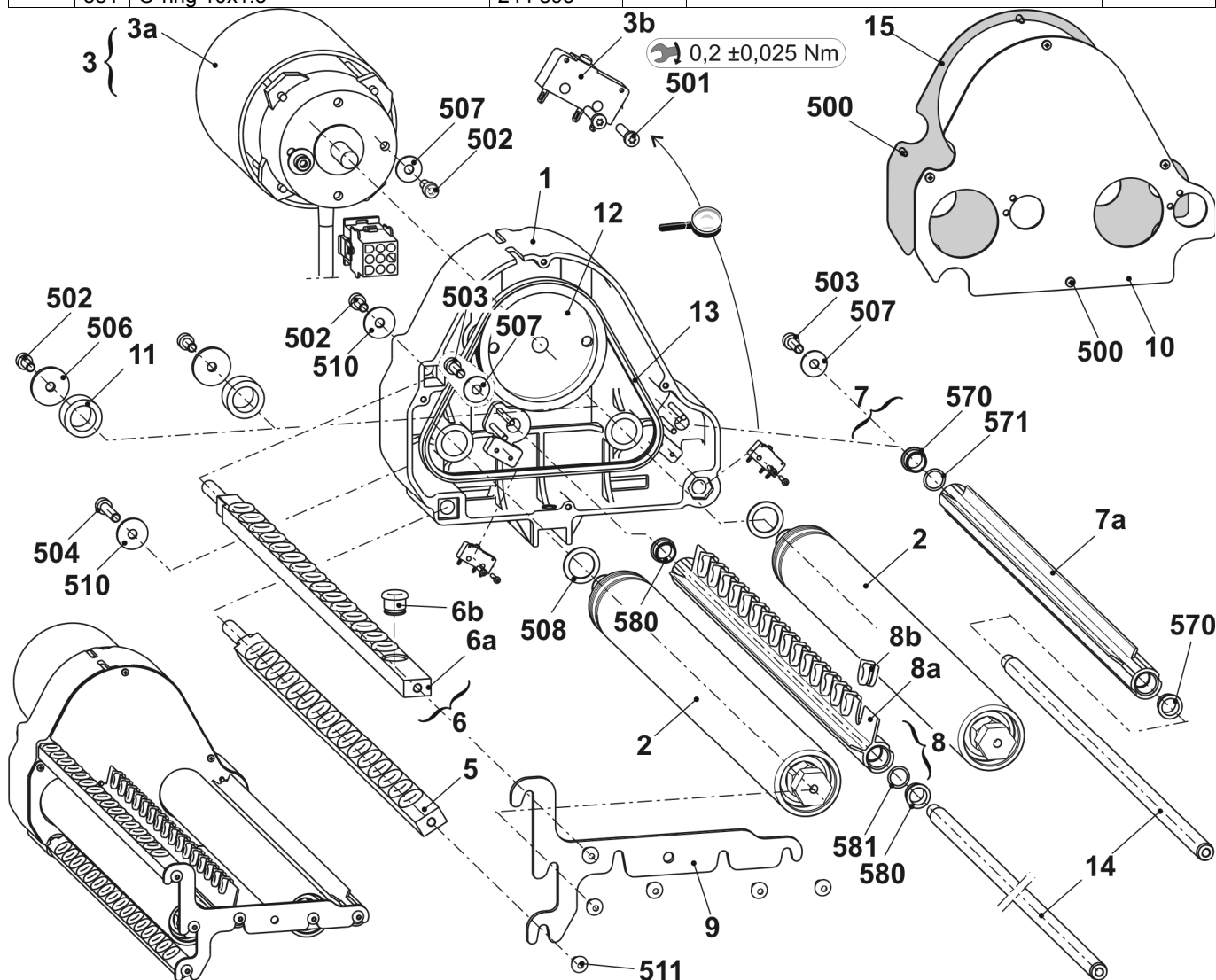
Friction feed wheel on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the left co. 16-fold	244 991			
1	Housing	240 368	9	Lug	244 515
2	Friction roller complete	243 860	10	Cover	230 759
3	Three-phase A.C. motor complete 3x42V complete	219 800	11	Bush	221 391
	3a Three-phase A.C. motor	220 161	12	Ribbed V-belt pulley	221 268
	3b Microswitch	008 664	13	V-ribbed belt	206 927
5	Yarn guide rod 16-folded complete	244 576	14	Rod	243 868
6	Yarn guide rod 16-folded complete	244 578	15	Cover	230 758
	6a Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
	6b Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
	570 Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
	571 O-ring 10x1.3	244 895	506	Washer 5.3x22x12.5	023 219
8	Stop motion rail on the left complete	243 865	507	Washer 5	020 901
	8a Stop motion rail on the left	243 866	508	Shim ring 15x21x1	023 216
	8b Eyelet	230 662	510	Washer 5.3x18x1.5	020 909
	580 Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
	581 O-ring 10x1.3	244 895			



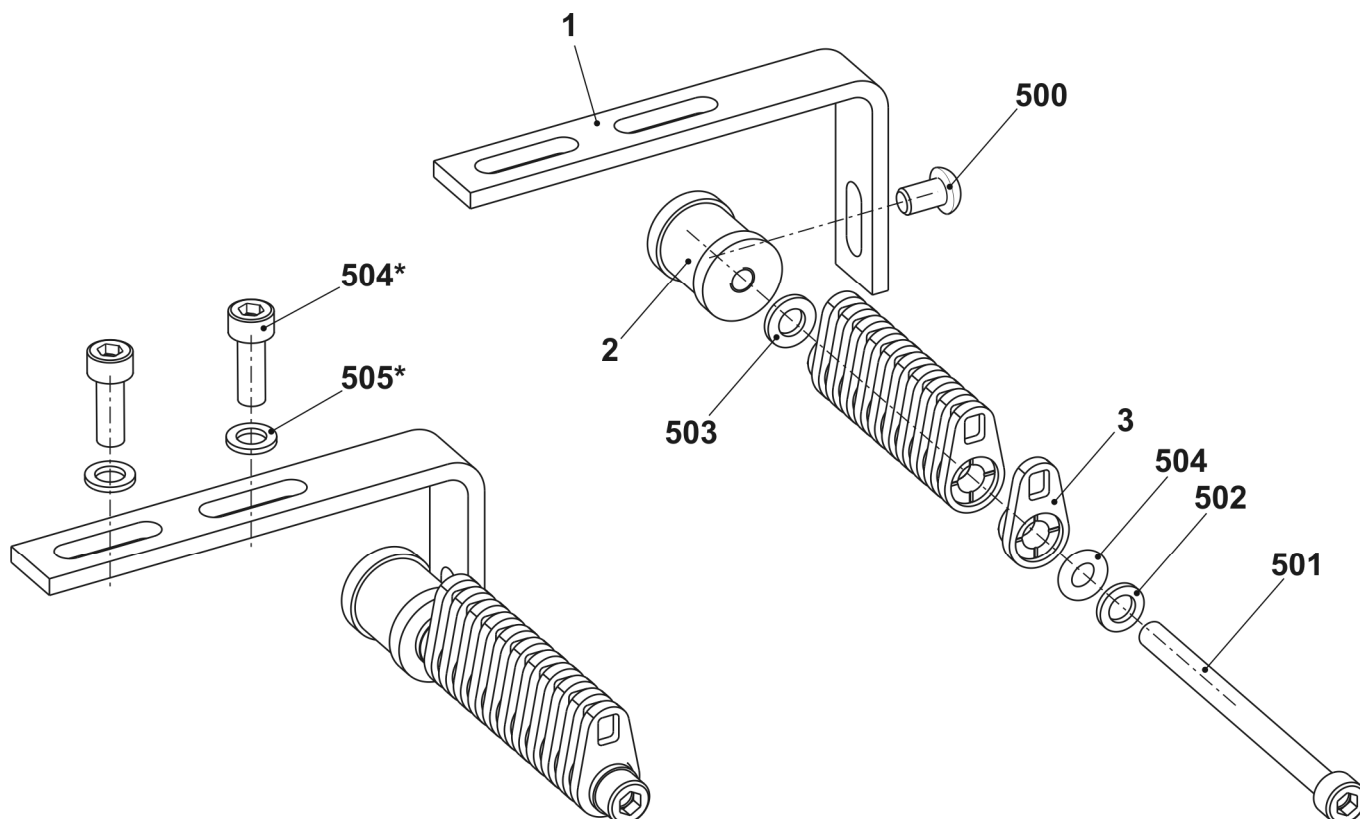
Friction feed wheel on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Friction feed wheel on the left co. 16-fold	244 992			
1	Housing	240 368	9	Lug	244 515
2	Friction roller complete	243 860	10	Cover	230 759
3	Three-phase A.C. motor complete 3x42V complete	219 800	11	Bush	221 391
	3a Three-phase A.C. motor	220 161	12	Ribbed V-belt pulley	221 268
	3b Microswitch	008 664	13	V-ribbed belt	206 927
5	Yarn guide rod 16-folded complete	244 576	14	Rod	243 868
6	Yarn guide rod 16-folded complete	244 578	15	Cover	230 758
	6a Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
	6b Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
	57 Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
	57 1 O-ring 10x1.3	244 895	506	Washer 5.3x22x12.5	023 219
8	Stop motion rail on the right complete	244 530	507	Washer 5	020 901
	8a Stop motion rail on the right	244 531	508	Shim ring 15x21x1	023 216
	8b Eyelet	230 662	510	Washer 5.3x18x1.5	020 909
	580 Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
	581 O-ring 10x1.3	244 895			



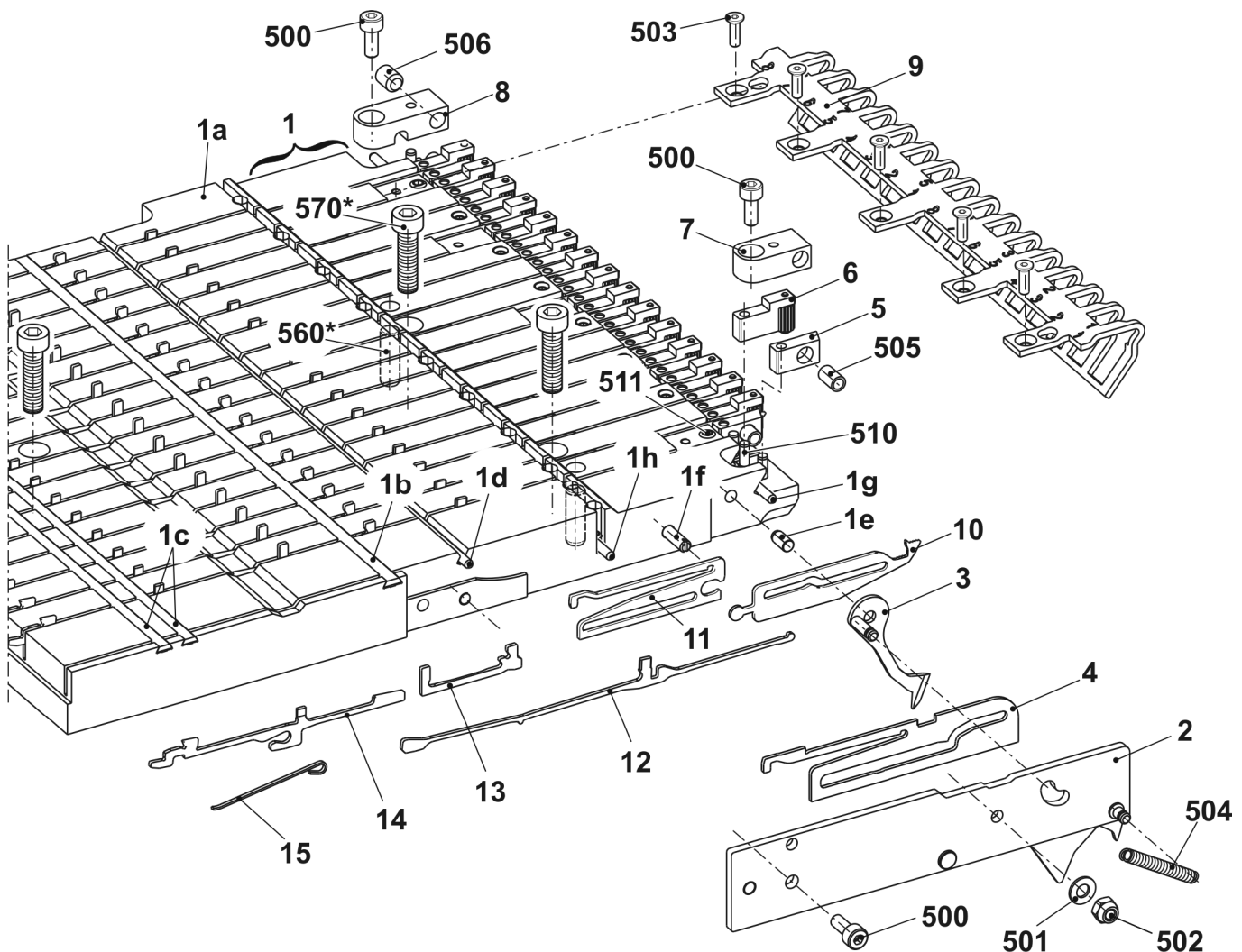
Thread deflector on the right

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



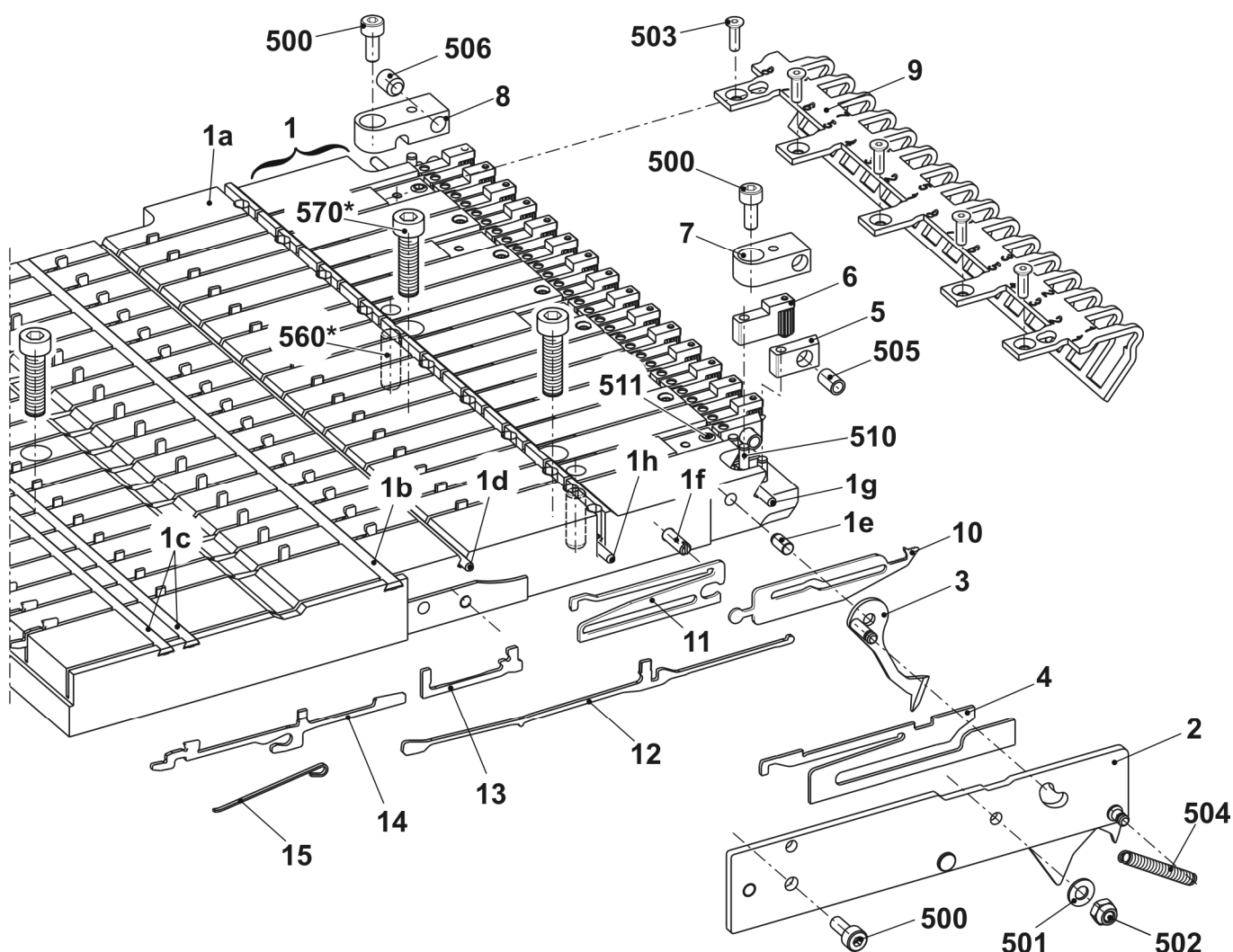
Left clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left clamping/cutting bed E5-8	244 732			
1	Guiding plate on the left E5-14	244 642	8	Spring holder	244 590
	1a Guiding plate on the left E5-14	244 632	9	Holding strip on the left	250 607
	1b Cover rail	243 923	10	Tuck needle on the left E5-8	244 729
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E4-8	200 682
	1e Axle	211 349	13	Intermediate slider with brake E5-8	237 323
	1f Guide leader pin	211 351	14	Coupling part E4-8	200 687
	1g Fixed wire	244 588	15	Selector spring E4-8	200 690
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the left complete	211 771	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left	213 151	504	Tension spring 5x0.5x17.4	023 377
4	Slider E4-8	211 096	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



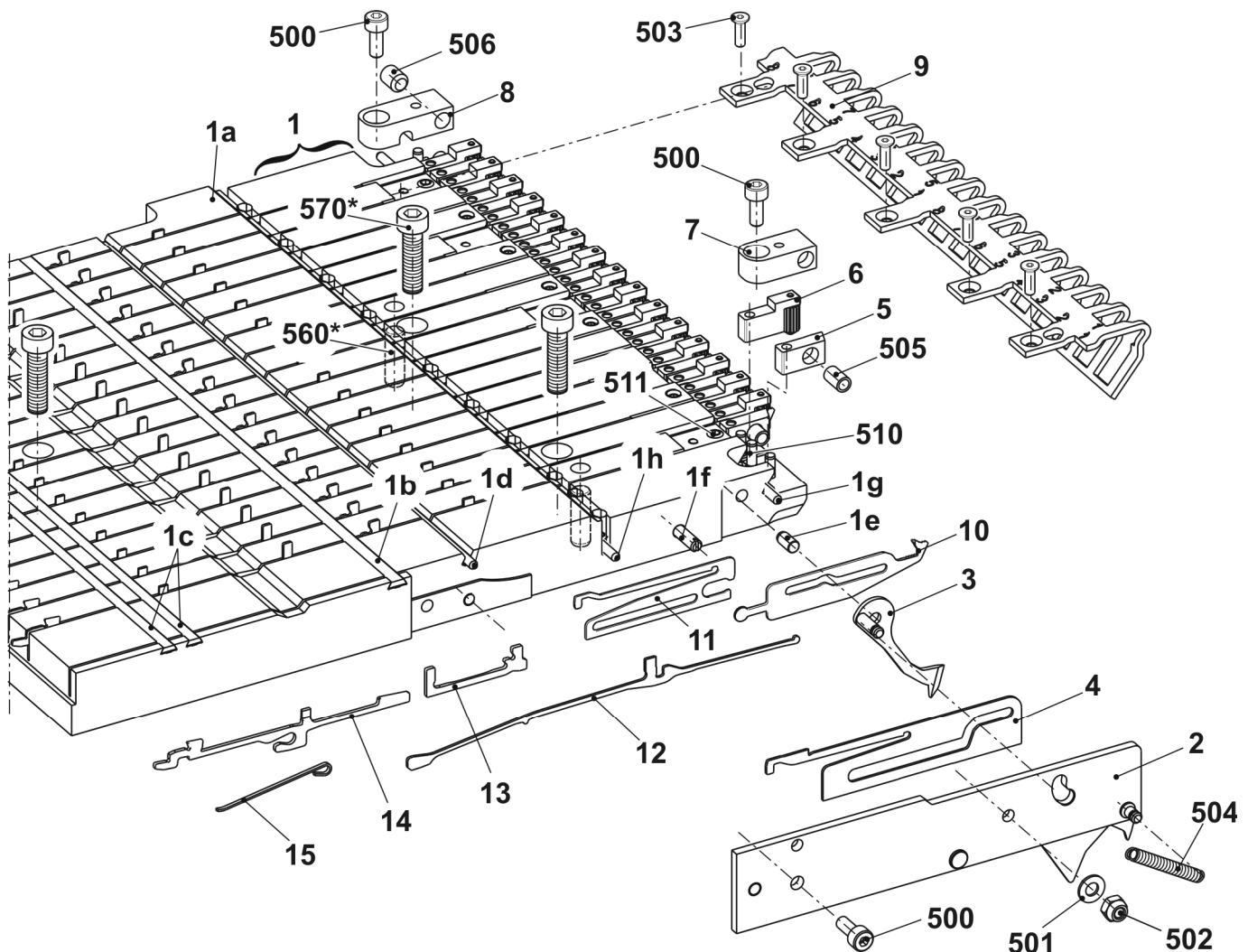
Left clamping/cutting bed E10-14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left clamping/cutting bed E10-14	244 643			
1	Guiding plate on the left E5-14	244 642	8	Spring holder	244 590
	1a Guiding plate on the left E5-14	244 632	9	Holding strip on the left	250 607
	1b Cover rail	243 923	10	Tuck needle on the left E5-8	244 630
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E4-8	200 682
	1e Axle	211 349	13	Intermediate slider with brake E5-8	237 323
	1f Guide leader pin	211 351	14	Coupling part E4-8	200 687
	1g Fixed wire	244 588	15	Selector spring E4-8	200 690
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the left complete	211 771	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left	213 151	504	Tension spring 5x0.5x17.4	023 377
4	Slider E10-14	211 104	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



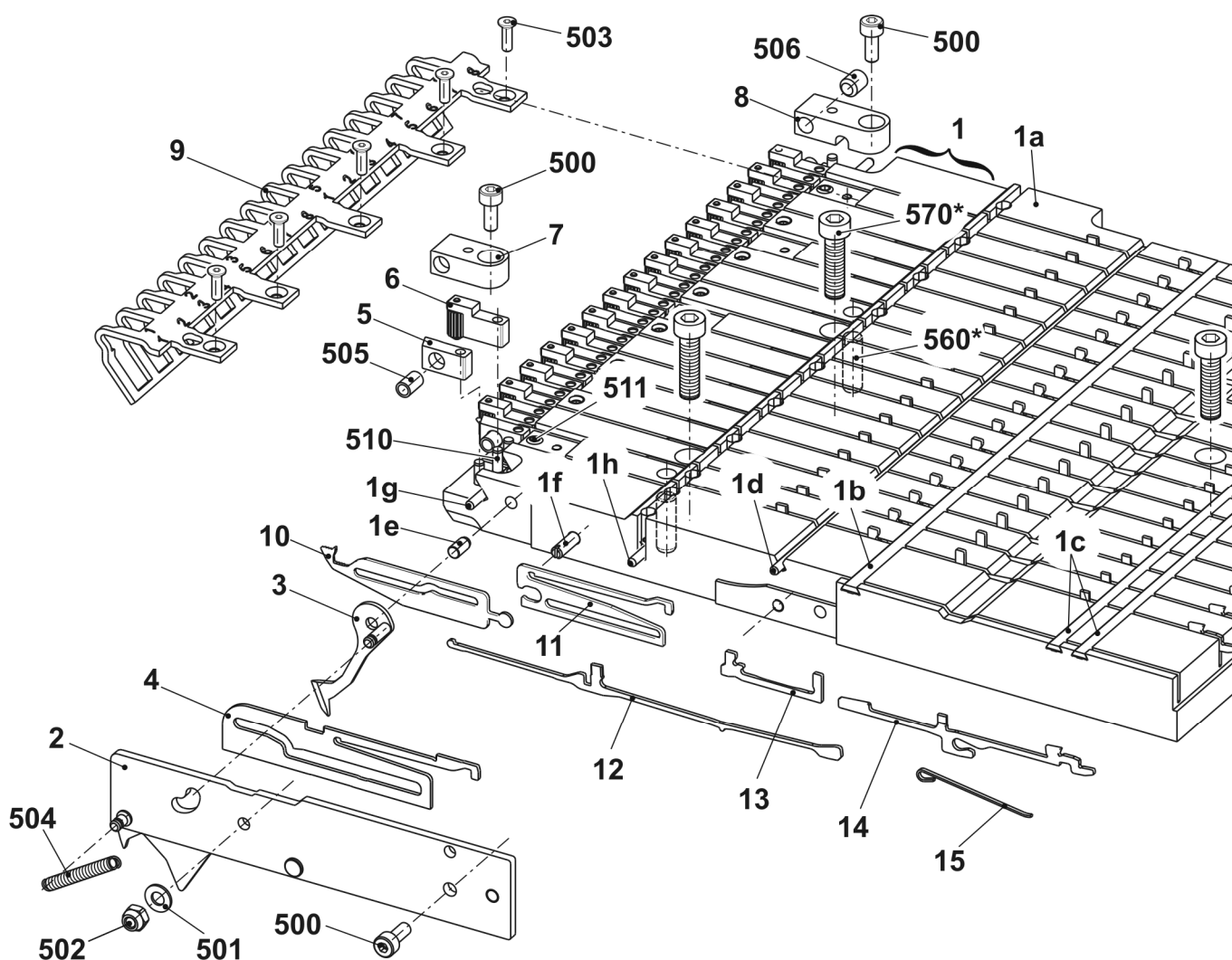
Left clamping/cutting bed E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Left clamping/cutting bed E16-18	244 821			
1	Guiding plate on the left E16-18	244 760	8	Spring holder	244 590
	1a Guiding plate on the left	244 738	9	Holding strip on the left	250 607
	1b Cover rail	243 923	10	Tuck needle on the left E16-18	244 740
	1c Cover rail	243 924	11	Intermediate cam (E16-18)	244 741
	1d Fixed wire	243 925	12	Coupling part E10-12	200 683
	1e Axle	211 349	13	Intermediate slider with brake E10-12	237 324
	1f Guide leader pin	211 351	14	Selection jack E10-12	200 688
	1g Fixed wire	244 588	15	Selector spring E10-12	200 691
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the left complete E16-20	242 835	503	Countersunk head screw M3x10	242 029
3	Catch needle on the left E16-18	242 831	504	Tension spring 5x0.5x17.4	023 377
4	Slider E16-20	242 828	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



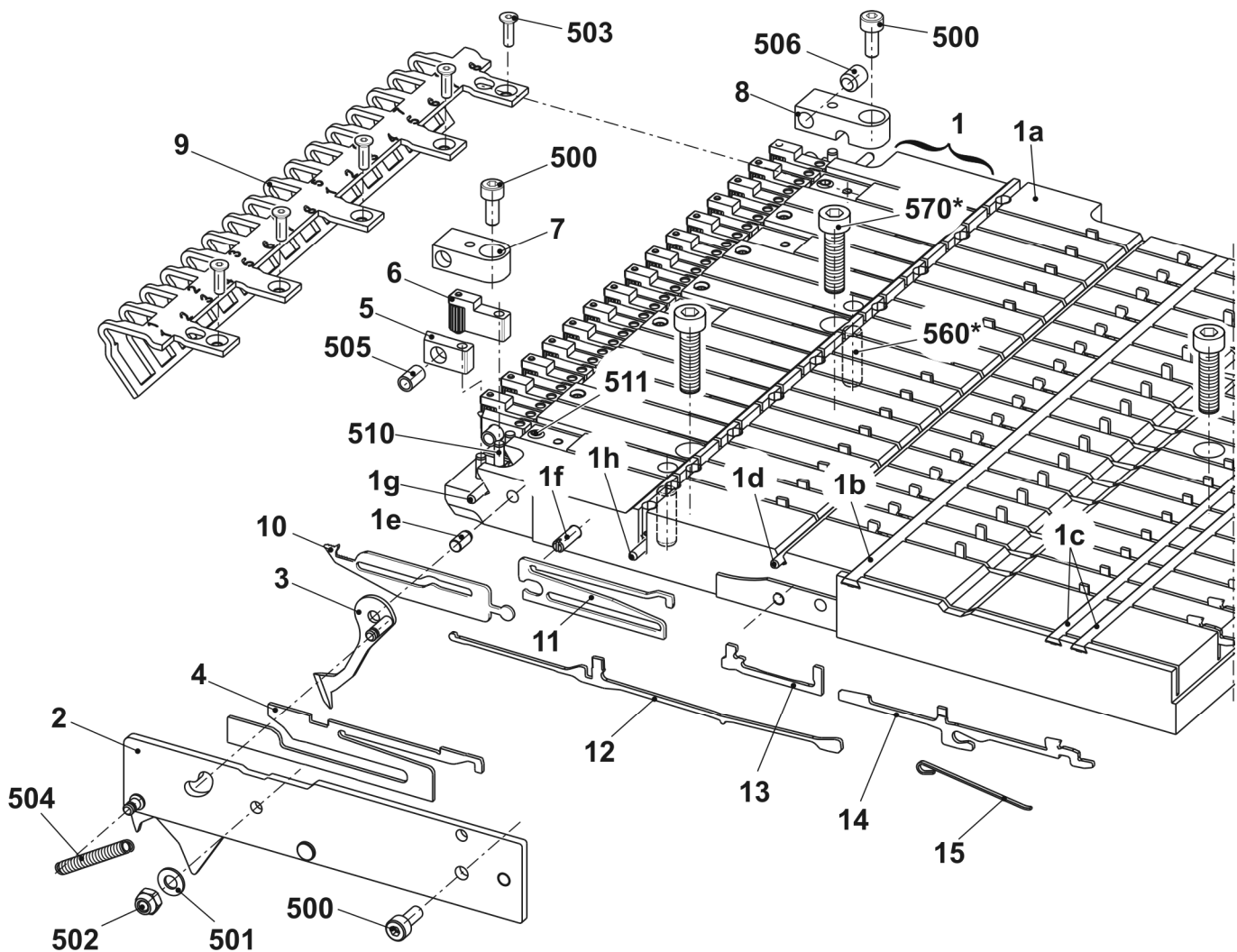
Right clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Right clamping/cutting bed E5-8	244 731			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
	1a Guide plate on the right E5-14	244 586	9	Holding strip on the right	250 510
	1b Cover rail	243 923	10	Tuck needle on the right E5-8	244 728
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E4-8	200 682
	1e Axle	211 349	13	Intermediate slider with brake E5-8	237 323
	1f Guide leader pin	211 351	14	Coupling part E4-8	200 687
	1g Fixed wire	244 588	15	Selector spring E4-8	200 690
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the right complete	211 347	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right	213 150	504	Tension spring 5x0.5x17.4	023 377
4	Slider E4-8	211 096	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



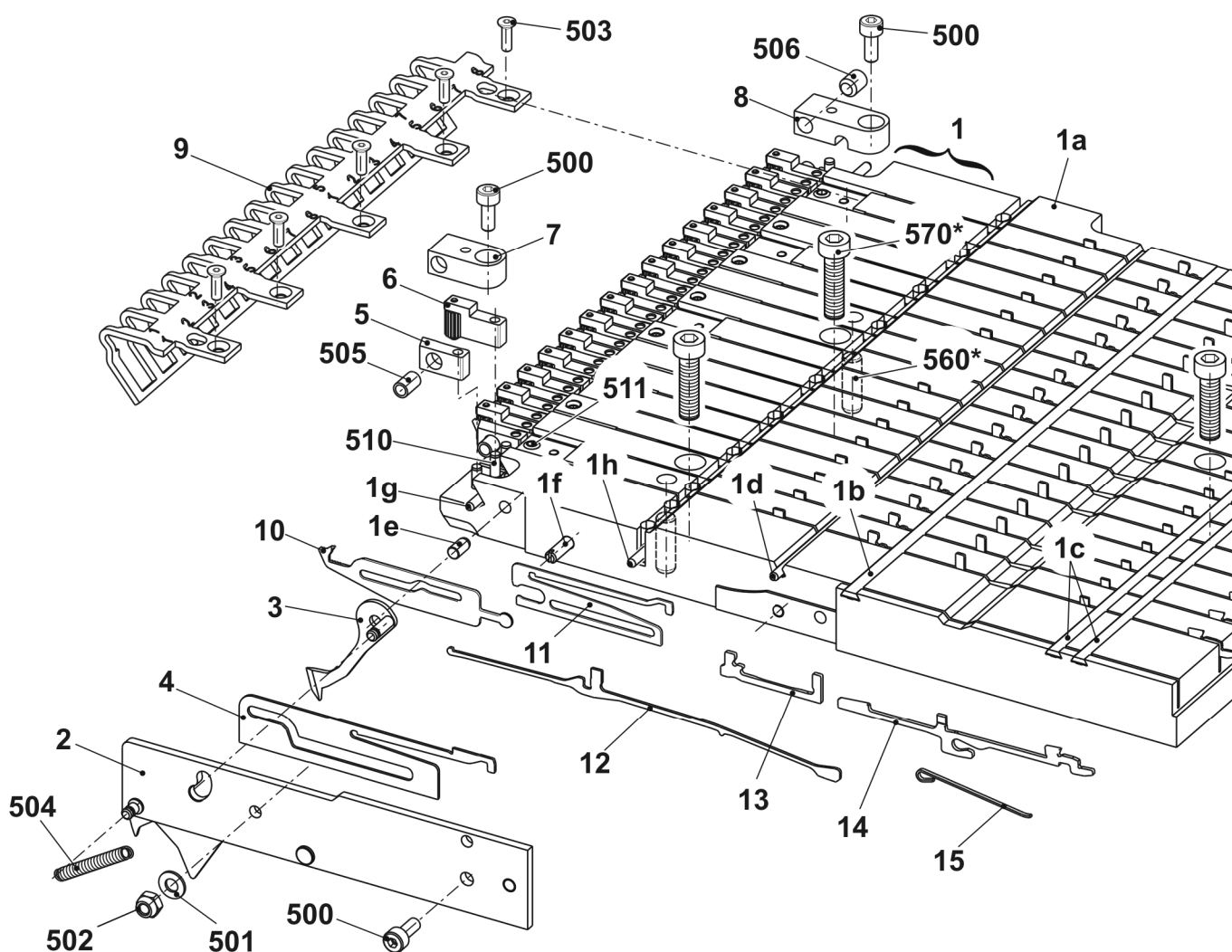
Right clamping/cutting bed E10-14

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Right clamping/cutting bed E10-14	244 610			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
	1a Guide plate on the right E5-14	244 586	9	Holding strip on the right	250 510
	1b Cover rail	243 923	10	Tuck needle on the right E10-14	244 592
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E4-8	200 682
	1e Axle	211 349	13	Intermediate slider with brake E5-8	237 323
	1f Guide leader pin	211 351	14	Coupling part E4-8	200 687
	1g Fixed wire	244 588	15	Selector spring E4-8	200 690
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the right complete	211 347	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right	213 150	504	Tension spring 5x0.5x17.4	023 377
4	Slider E10-14	211 104	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



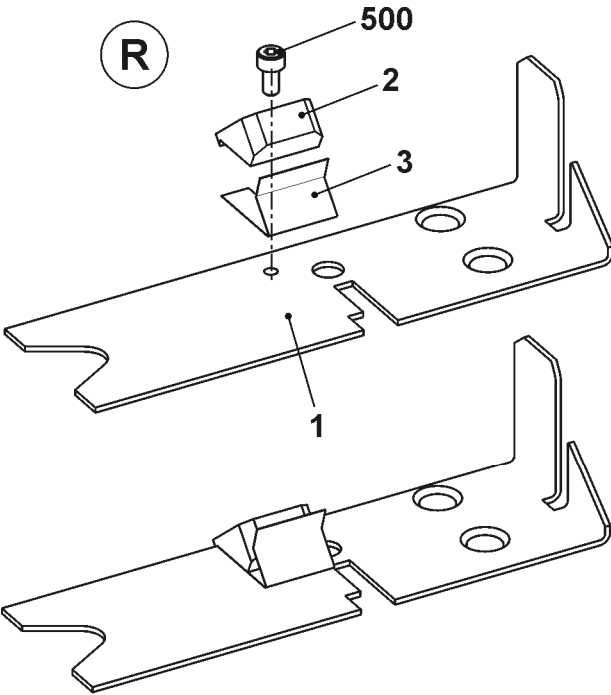
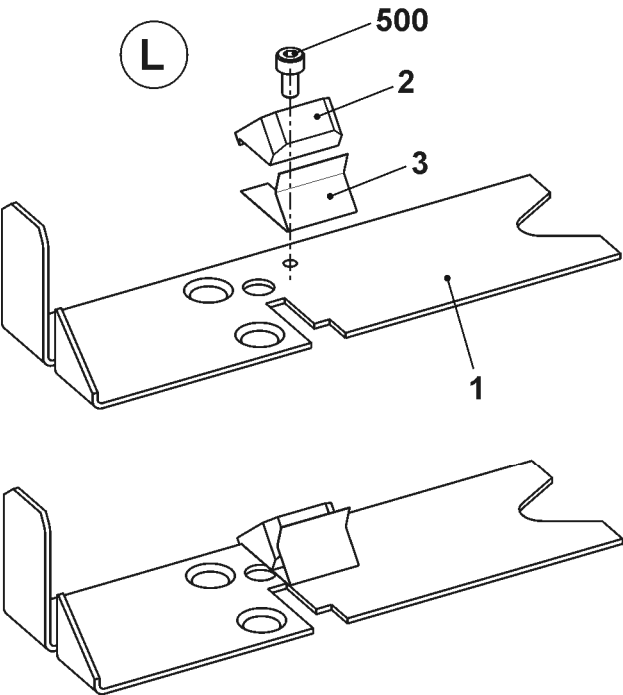
Right clamping/cutting bed E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Right clamping/cutting bed E16-18	244 062			
1	Guide plate on the right E16-18	244 759	8	Spring holder	244 590
	1a Guide plate on the right	244 737	9	Holding strip on the right	250 510
	1b Cover rail	243 923	10	Tuck needle on the right E16-18	244 739
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E10-12	200 683
	1e Axle	211 349	13	Intermediate slider with brake E10-12	237 324
	1f Guide leader pin	211 351	14	Selection jack E10-12	200 688
	1g Fixed wire	244 588	15	Selector spring E10-12	200 691
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the right complete E16-20	242 836	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right E16-18	242 833	504	Tension spring 5x0.5x17.4	023 377
4	Slider E16-20	242 828	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



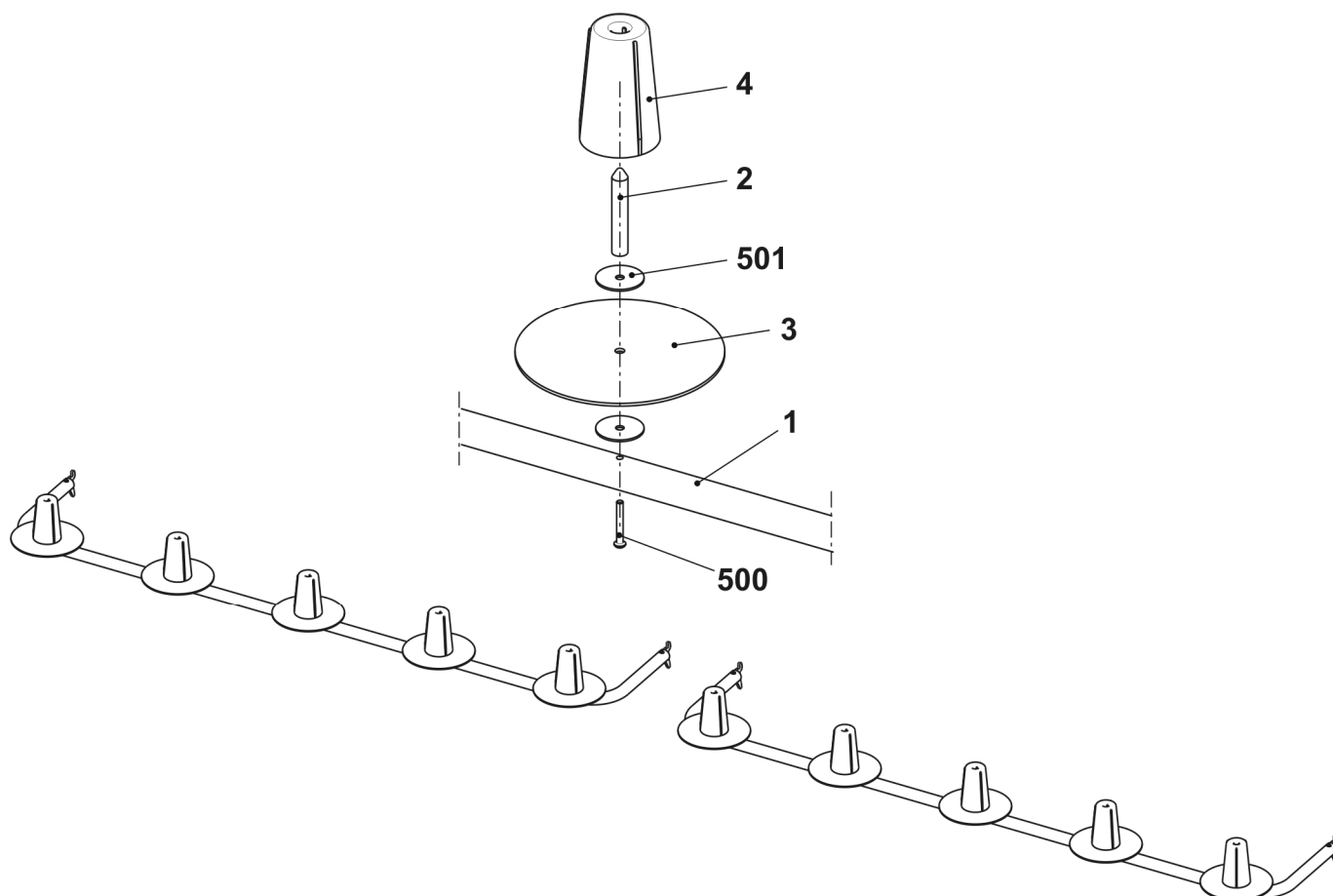
Yarn brake left and right

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ L	Thread brake on the left	245 031	Σ R	Thread brake on the right	245 032
1	Cover on the left	240 020	1	Cover on the left	240 022
2	Clamping part	245 030	2	Clamping part	245 030
3	Compound spring	232 164	3	Compound spring	232 164
500	Cap screw M4x8	022 501	500	Cap screw M4x8	022 501



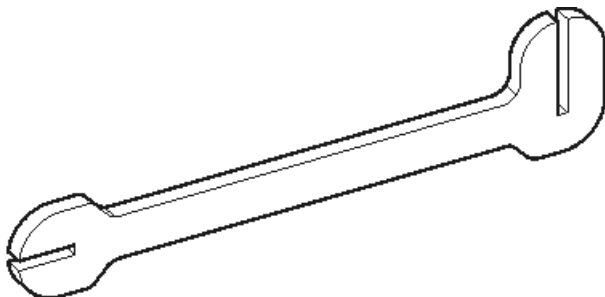
Additional board

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Additional bobbin board 7XX/8XX	241 928			
1	Additional board welded	241 927	4	Bobbin support	200 363
2	Positioning pin	202 777	500	Countersunk screw M4x30	023 681
3	Disc D=130	062 385	501	Washer 5.3x30x1.25	023 556



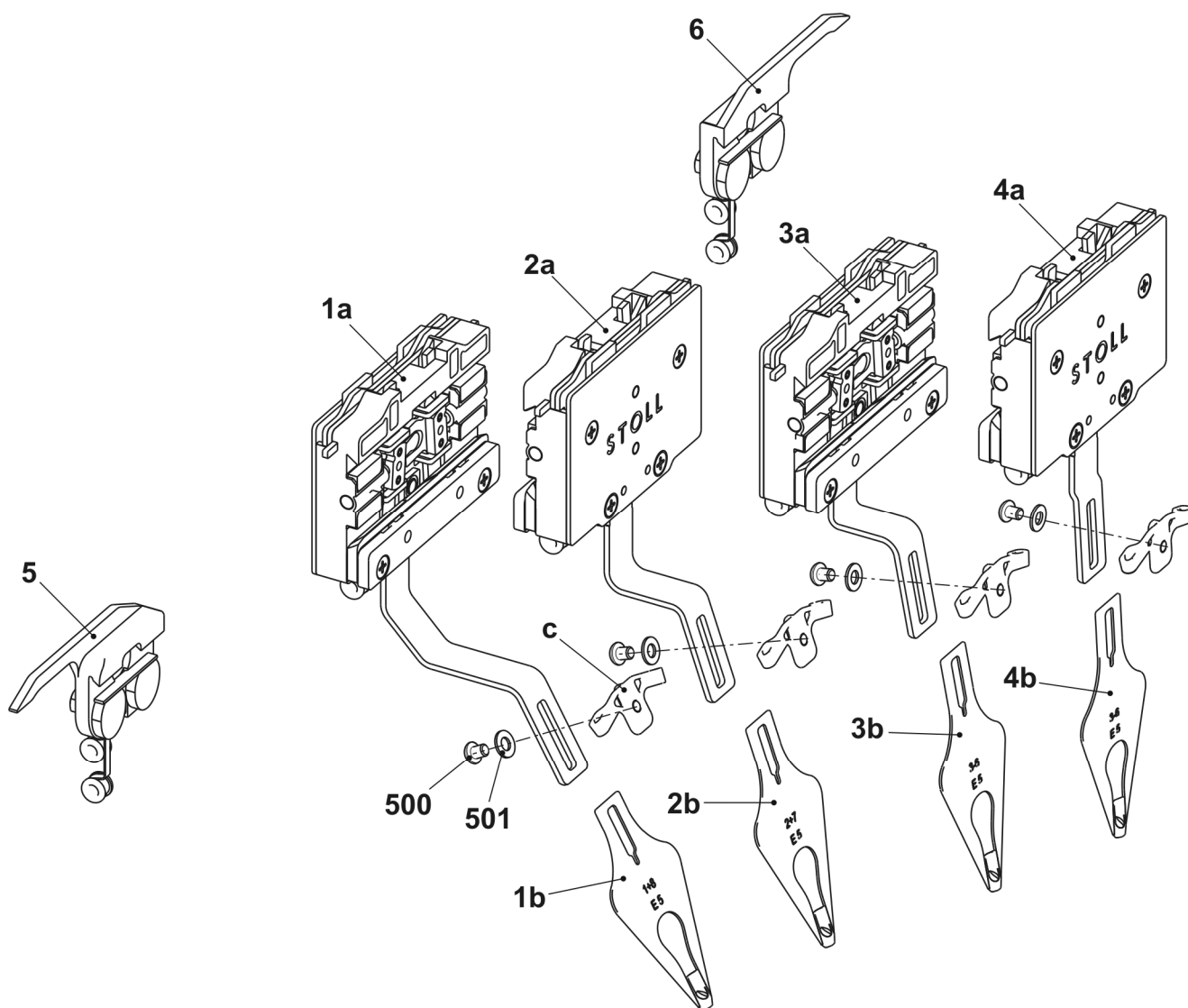
Adjusting part

<i>Pos</i>	<i>Designation</i>	<i>Ident No</i>	<i>Pos</i>	<i>Designation</i>	<i>Ident No</i>
	Adjusting part	250 119			



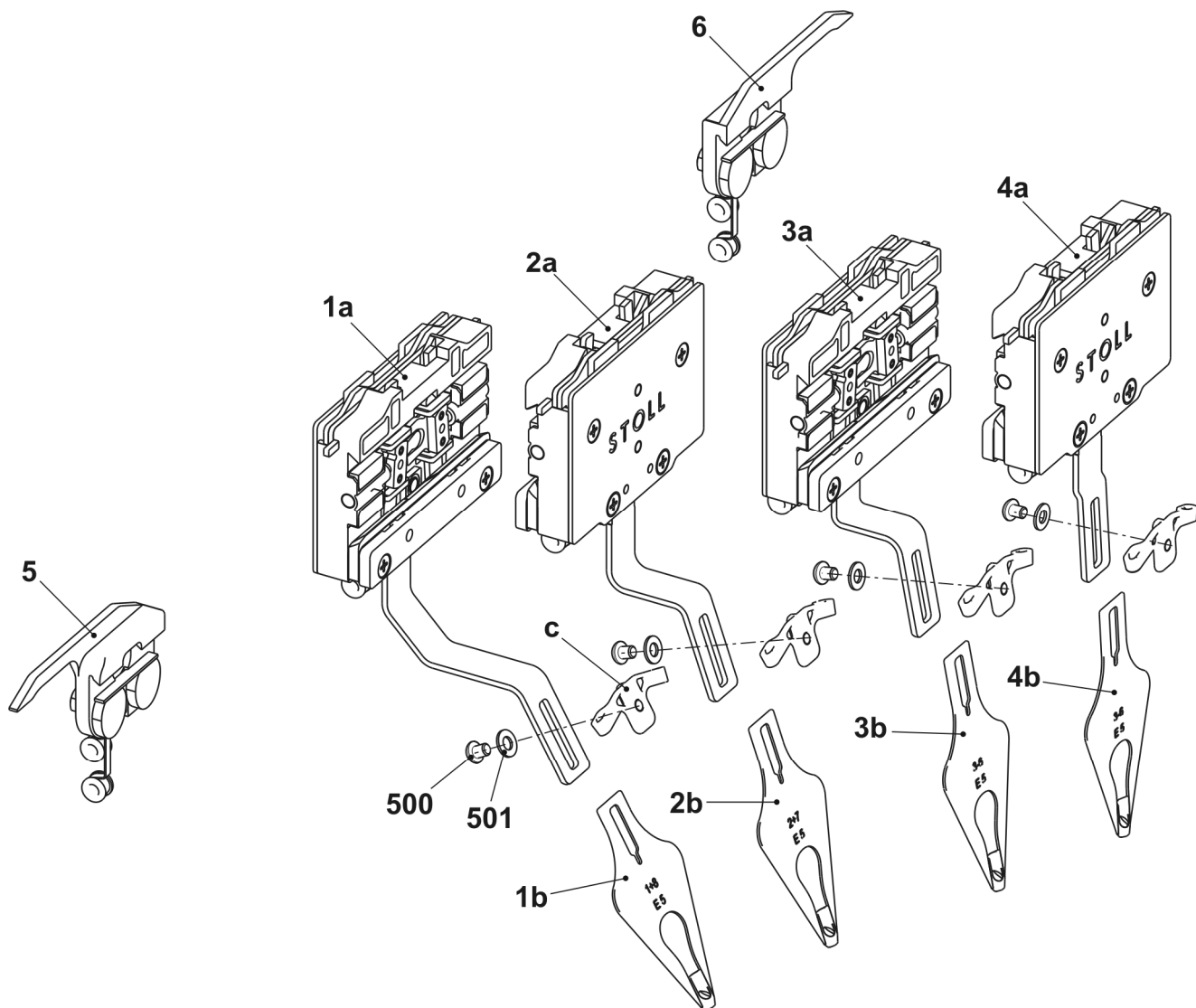
Yarn guide complete E5 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E5 IYC	245 161			
1	Intarsia YC carriage complete 1+8 E5	250 319	4	Intarsia YC carriage complete 4+5 E5	250 322
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E5	244 076		4b Yarn carrier head 3-6 complete E5	244 078
2	Intarsia YC carriage complete 2+7 E5	250 320	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E5	244 077	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E5	250 321	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E5	244 078			



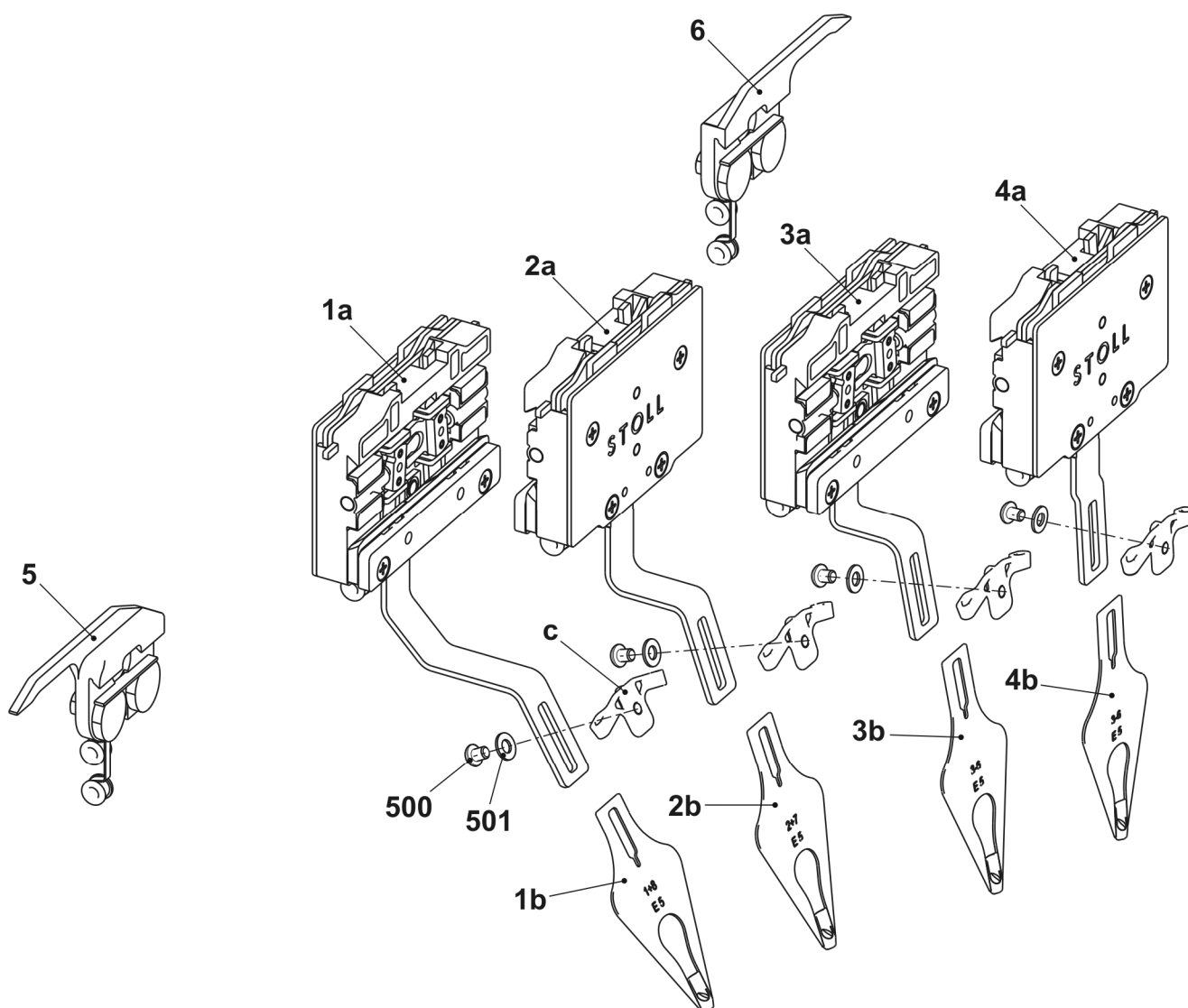
Yarn guide complete E7-8 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E7-8 IYC	245 162			
1	Intarsia YC carriage complete 1+8 E7-8	250 323	4	Intarsia YC carriage complete 4+5 E7-8	250 326
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E7-8	244 082		4b Yarn carrier head 3-6 complete E7-8	244 084
2	Intarsia YC carriage complete 2+7 E7-8	250 324	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E7-8	244 083	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E7-8	250 325	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E7-8	244 084			



Yarn guide complete E10-14 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E10-14 IYC	245 163			
1	Intarsia YC carriage complete 1+8 E10-14	250 327	4	Intarsia YC carriage complete 4+5 E10-14	250 330
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage E10-14	250 318
	1b Yarn carrier head 1+8 complete E10-14	244 008		4b Yarn carrier head 3-6 complete E10-14	250 010
2	Intarsia YC carriage complete 2+7 E10-14	250 328	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E10-14	250 009	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E10-14	250 329	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E10-14	250 010			



Yarn guide complete E16-18 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Yarn guide complete E16-18 IYC	245 164			
1	Intarsia YC carriage complete 1+8 E16-18	250 331	4	Intarsia YC carriage complete 4+5 E16-18	250 334
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage E10-14	250 318
	1b Yarn carrier head 1+8 complete E16-18	250 011		4b Yarn carrier head 3-6 complete E16-18	250 013
2	Intarsia YC carriage complete 2+7 E16-18	250 332	5	Limiter on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiter on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E16-18	250 012	c	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E16-18	250 333	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E16-18	250 013			

