

Spare-parts catalog

CMS 520 (Type 620)

Component type 000

E10 | E12 | E14 | E16 | E18 | E6.2(12m.10) | E6.2 | E7.2

Table of contents

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

5	Carriage	47
5.1	Overview of carriage	48
5.2	Carriage	49
5.3	Carriage cover	50
5.4	Carriage guide	51
5.5	Brush holder	52
5.6	Yarn carrier driving without guiding part	53
5.7	Yarn carrier driving with guiding part	54
5.8	Holding-down jack control	55
5.9	Needle detector	56
5.10	Cam box E10	57
5.10.1	Cams E10	58
5.11	Cam box E12	59
5.11.1	Cams E12	60
5.12	Cam box E14	61
5.12.1	Cams E14	62
5.13	Cam box E16 E18	63
5.13.1	Cams E14 E14/12	64
5.14	Cam box E6.2	65
5.14.1	Cams E6.2	66
5.15	Cam box E7.2	67
5.15.1	Cams E7.2	68
5.16	Cam box E8.2	69
5.16.1	Cams E8.2	70
5.17	Cam box E6.2 (12m.10)	71
5.17.1	Cams E6.2 (12m.10)	72
6	Main take-down	73
6.1	Main take-down	74
6.1.1	Main take-down on the left	75
6.1.1.1	Swivel-mounted bearing	76
6.1.2	Main take-down on the right	77
6.1.2.1	Mounting plate	78
6.1.2.2	Floating axle	79
6.1.3	Main take-down in the middle	80
6.1.3.1	Stripper angle	81
6.1.3.2	Rear take-down roller	82
6.1.3.3	Front take-down roller	83
6.1.3.3.1	Front roller elements	84
6.1.3.3.2	Pressure angle rail	85
7	Auxiliary take-down	87
7.1	Auxiliary take-down pre-assembled	88
7.1.1	Right bearing of the auxiliary take-down	89
7.1.2	Left bearing of the auxiliary take-down	90

7.1.3	Angular sheet metal on the left and right complete	91
7.2	Take-down in the middle	92
7.3	Motor	93
7.4	Yarn brake at clamping/cutting bed	94
8	Comb take-down	95
8.1	Comb take-down	96
8.2	Comb take-down on the left	97
8.3	Comb take-down on the right	98
8.3.1	Drive shaft of comb	99
8.3.2	Swivel lever comb take-down	100
8.4	Comb take-down in the middle	101
8.4.1	Comb unit	102
8.4.2	Switch lever comb take-down	103
9	Yarn delivery device	105
9.1	Yarn guide system with 12 and 14 FKE	106
9.2	Yarn control unit	107
9.3	Left yarn guide	108
9.3.1	Left yarn tensioner	109
9.3.2	Yarn brake and yarn deflector	110
9.3.3	Left tension axle	111
9.4	Right yarn guide	112
9.4.1	Right yarn tensioner	113
9.4.2	Right tension axle	114
9.5	Bobbin board	115
9.6	Yarn carrier and guide rails	116
9.7	Complete yarn carriers	117
9.8	Left friction feed wheel	118
9.9	Right friction feed wheel	119
10	Fluff absorption	121
10.1	Fluff absorption	122
10.1.1	Lint container	123
10.1.2	Hose set	124
10.1.3	Suction tube	125
11	Operation and control	127
11.1	Input unit	128
11.2	Starting unit	129
11.2.1	Bearing of the engaging rod	130
11.3	Collecting area - control	131

11.4	Signal light	132
11.5	Shock stop motion E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	133
11.6	Shock stop motion E16 E18 E8.2	134
11.7	Measuring device	135
12	Protective units	137
12.1	Lateral safety covers	138
12.2	Panelling	139
12.3	Rear panel	140
13	Electrical equipment	141
13.1	Circuit diagram (222) as PDF	142
13.2	Fuses	143
13.3	Trailing cable	144
13.4	Cable set installation	145
13.4.1	Loom of cables base 1	146
13.4.2	Loom of cables base 2	147
13.4.3	Loom of cables comb	148
13.4.4	Loom of cables 5XX	149
14	Control electronics	151
14.1	Control cabinet	152
15	Deliverable accessories	153
15.1	Tool	154
15.2	Lubricating stuff	155
15.3	Mechanical parts	156
16	Special attachments	157
16.1	Complete intarsia yarn carriers type 2	158
16.2	Carriage of plating yarn carrier (43 mm)	159
16.3	Carriage of plating yarn carrier (adjustable)	160
16.4	Plating yarn carrier 3+6	161
16.5	Plating yarn carrier 4+5	162
16.6	Yarn length measuring device	163
16.7	Feed wheel SFE	164
16.8	Bobbin holder on the left	165
16.9	Bobbin holder on the right	166
16.10	Additional bobbin board	167
17	Conversion kit with 24 and 32 IFF Type 2	169
17.1	Overview of conversion kit with 24 IFF E10 E12 E14 E16 E18	170
17.2	Overview of conversion kit with 24 IFF E6.2	172

17.3 Overview of conversion kit with 24 IFF E7.2 E6.2(12m.10)	173
17.4 Overview of conversion kit with 24 IFF E8.2	174
17.5 Overview of conversion kit with 32 IFF E10 E12 E14 E16 E18	175
17.6 Overview of conversion kit with 32 IFF E6.2	177
17.7 Overview of conversion kit with 32 IFF E7.2 E6.2(12m.10)	178
17.8 Overview of conversion kit with 32 IFF E8.2	179
17.9 Magnet support	180
17.10 Additional board (top, bottom)	181
17.11 Parts for the safety door on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	182
17.11.1 Yarn tensioner on the left E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	183
17.11.1.1 Tension axle E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	184
17.11.2 Yarn brake	185
17.11.3 Deflector	186
17.12 Parts for the right safety door E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	187
17.12.1 Yarn tensioner on the right E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	188
17.13 Parts for the safety door on the left E6.2	189
17.13.1 Yarn tensioner on the left E6.2	190
17.13.1.1 Tension axle E6.2	191
17.13.2 Deflector on the left	192
17.14 Parts for the right safety door E6.2	193
17.14.1 Yarn tensioner on the right E6.2	194
17.14.2 Yarn brake	195
17.14.3 Deflector on the right	196
17.15 Parts for the yarn guide system with 18 FKE	197
17.16 Parts for the yarn guide system with 20 FKE	198
17.17 Friction feed wheel on the left and on the right co.	199
17.17.1 Friction feed wheel on the left	200
17.17.2 Friction feed wheel on the right	201
17.18 Thread deflector on the left	202
17.19 Yarn deflector on the right	203
17.20 Deflector	204
17.21 Deflector on the left	205
17.22 Deflector on the right	206
17.23 Left clamping/cutting E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	207
17.24 Left clamping/cutting bed E16 E18 E8.2	208
17.25 Right clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	209
17.26 Right clamping/cutting bed E16 E18 E8.2	210
17.27 Yarn guide complete (24 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	211
17.28 Yarn guide complete (24 IFF) E16 E18	212
17.29 Yarn guide complete (24 IFF) E6.2	213

17.30 Yarn guide complete (32 IFF) E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	214
17.31 Yarn guide complete (32 IFF) E16 E18	215
17.32 Yarn guide complete (32 IFF) E6.2	216

1 Introduction

Imprint

All rights reserved.

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

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

The indications of this catalog are without liability.

©

H. Stoll GmbH & Co.KG

Stollweg 1

D-72760 Reutlingen, Germany

Phone +49 (07121) 313-289

Fax: +49 7121 313-347

e-mail: spareparts@stoll.com

Notes for the order

This catalog serves to order spare parts.

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

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

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

Please use the order form!

Only genuine STOLL spare parts may be used for repairs.

Order form

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

H. Stoll GmbH & Co. KG
PO box 2544

D-72715 Reutlingen

Order number:

Receipt date

Copyright ©

Name _____

Screen

Postal code: 11000

Findings

Feb

Customer no.

Shipping mode

Date of order

Machine type

L-00107

Wavelength (nm)

500 no

Spare parts order

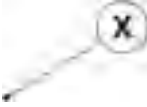
[illegible]

Date: _____

Signature _____

1.2 Search help

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

Symbol	Meaning
Σ	Indicates an assembly
	Position indicator with the position number (X).
	Indicates an element of another assembly.
	Indicates an assembly which is represented more detailed beside.
	Indicates an assembly which is represented on another page more detailed.
	Screw torques (z) deviating from the preferential row.
	Detail, represented enlarged in the direction of the arrow.
	Explosion representation, single elements enlarged.
	Indicates a group of parts.
	Indicates the left-hand side or view.
	Indicates the right-hand side or view.
	Indicates a section or a view in the viewing direction.

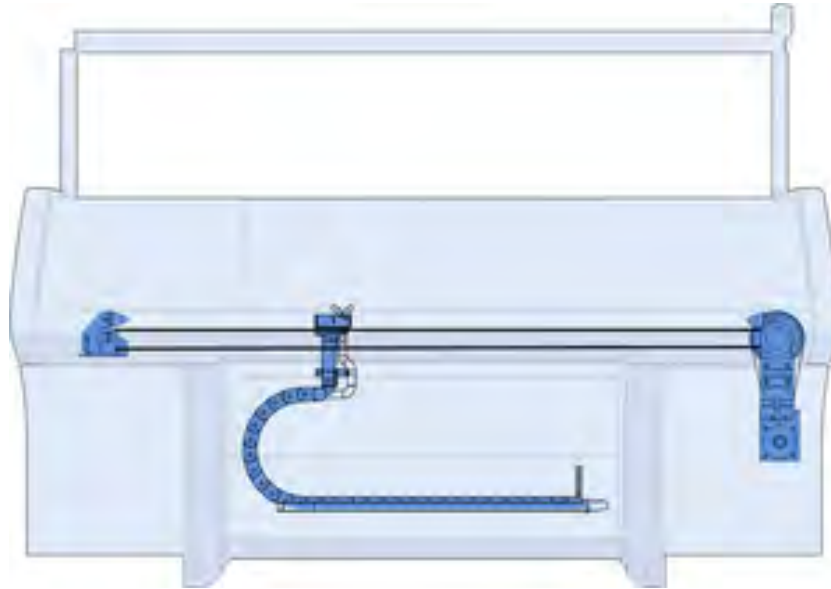
1.3 Torques

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

Preferential row of screw torques

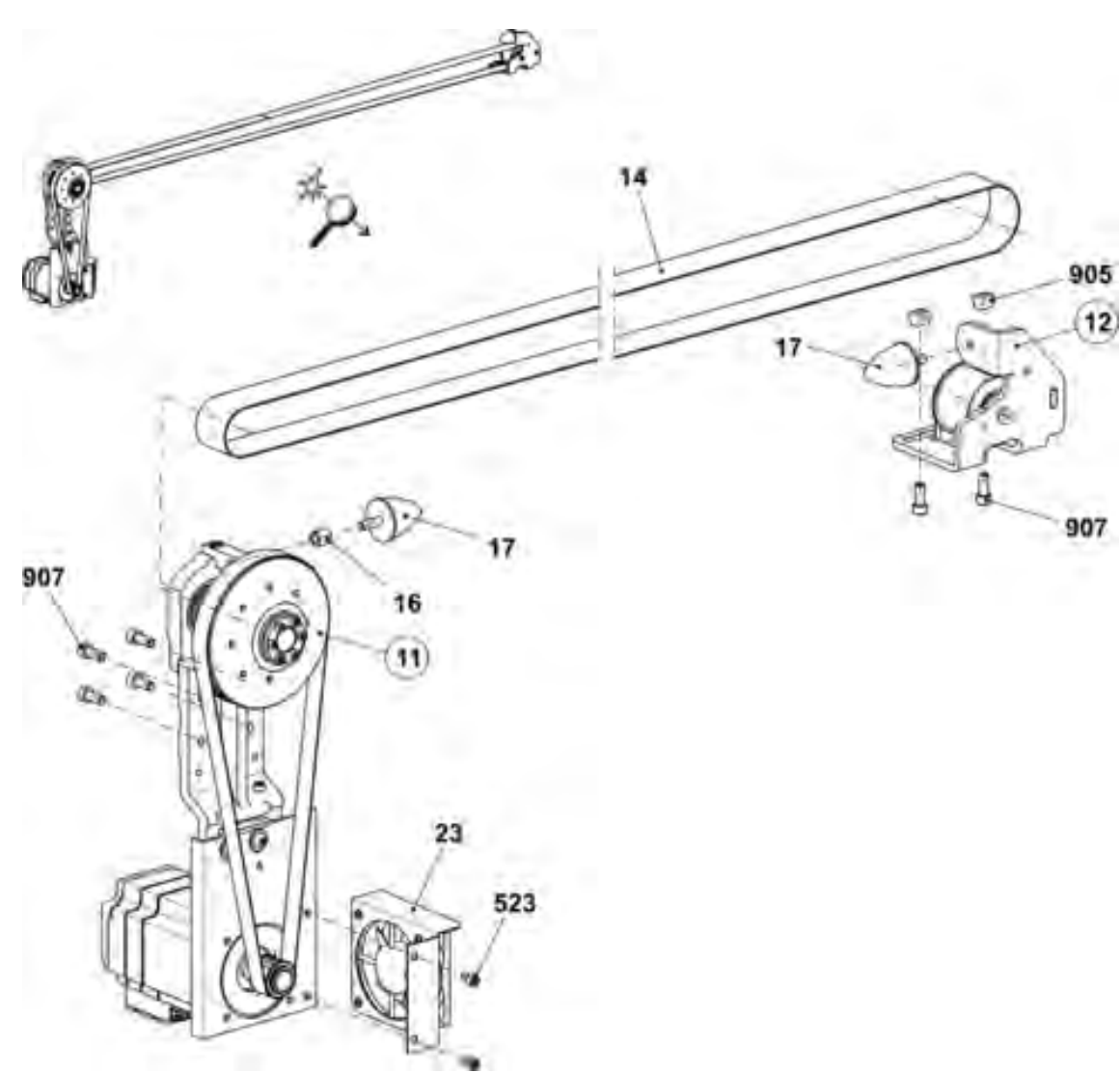
- Torques are valid for:
Connection steel-steel, black, phosphatized, galvanized, rolled or cut thread as well as only for plain (head) supports.
- Torques are valid for:
protected screws with: lock washers, rib heads, coated and clamping screws and nuts. They are also not used for self-grooving threads.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

2 Carriage drive



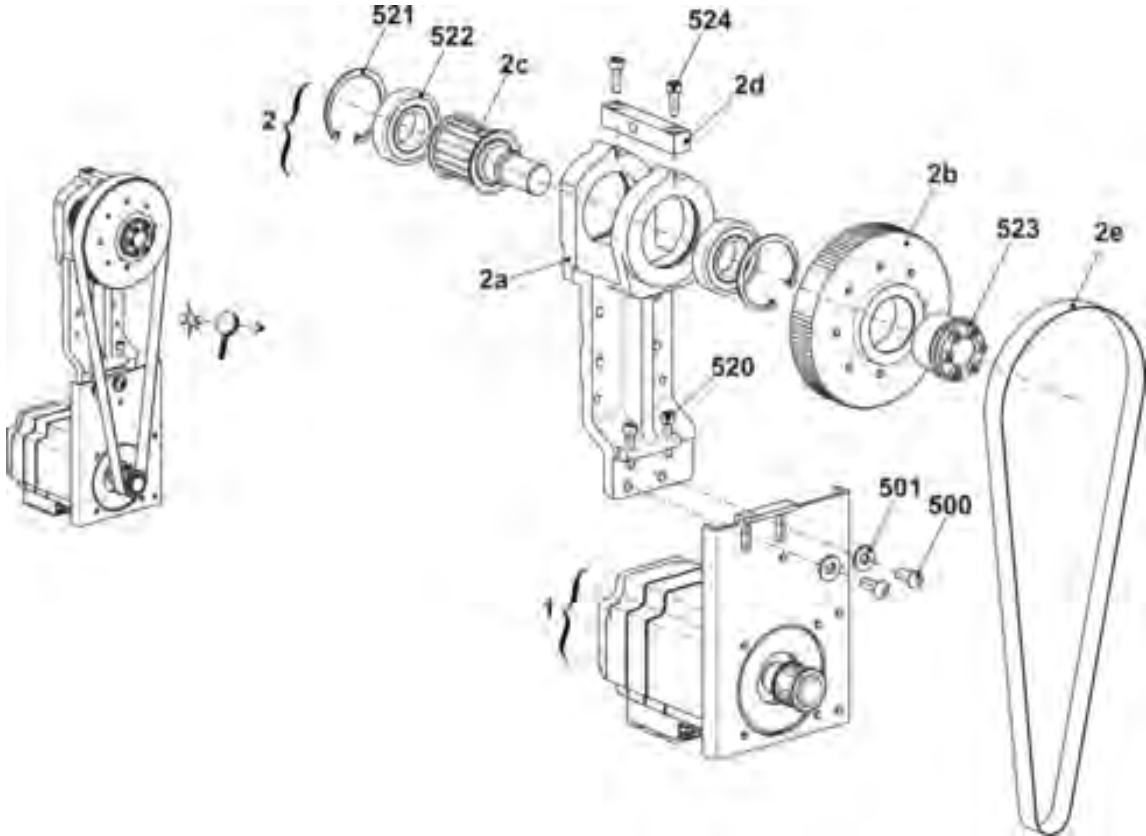
2.1 Drive

Pos	Designation	Id		Pos	Designation	Id
Σ	Drive unit			17	Parabolic spring	200 661
11	Drive unit complete	253 877		23	Ventilator complete	253 692
12	Tension bearing complete	251 581		523	Cap screwM8x12	023 138
14	Toothed belt50AT10/4670	253 890		905	NutM10x12	023 471
16	Distance pipe	222 099		907	Cap screwM10x25	020 157



2.1.1 Motor and belt drive

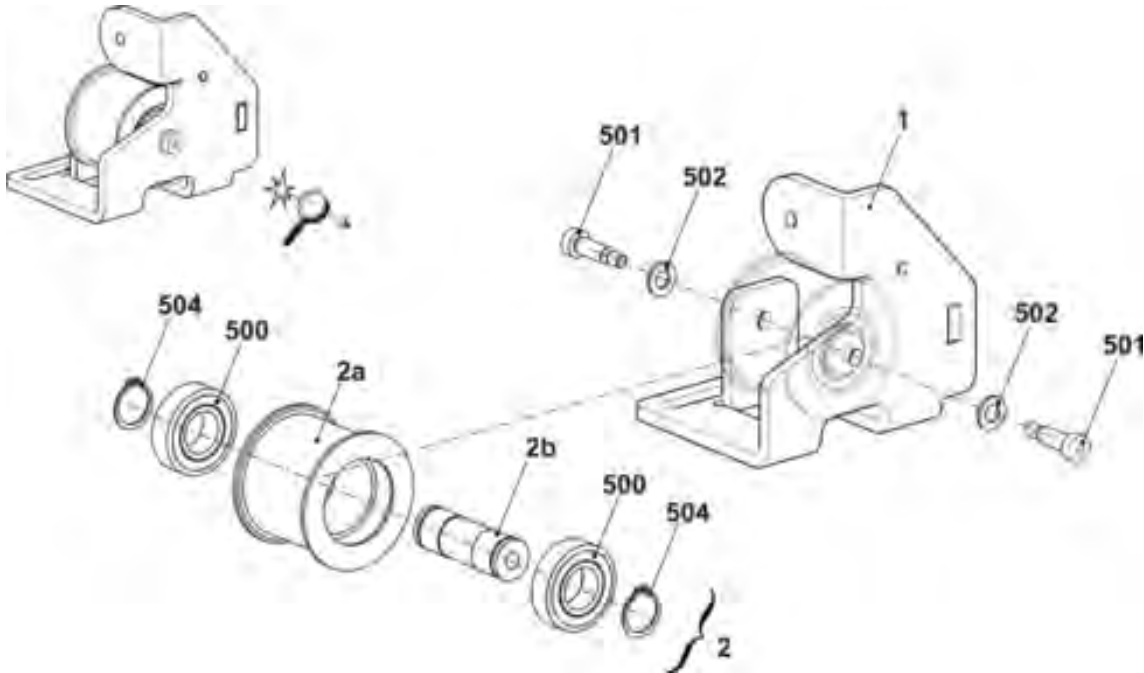
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive unit complete	253 877				
1	Drive unit	258 188		2d	Support of buffer	222 100
500	Countersunk screwM10X25	023 684		2e	Toothed belt	252 594
501	Disk10,5X25X2,5	022 178		520	Cap screwM8X35	020 144
2	Drive bearing complete	255 005		521	Locking ring68x2.5	022 914
	2a	Drive bearing		522	Grooved ball bearing 6207-2RS	022 915
	2b	Toothed belt pulley		523	Tension set 30X55	023 208
	2c	Pinion57 AT10 18		524	Cap screwM8X25 12.9	020 142



2.1 Drive

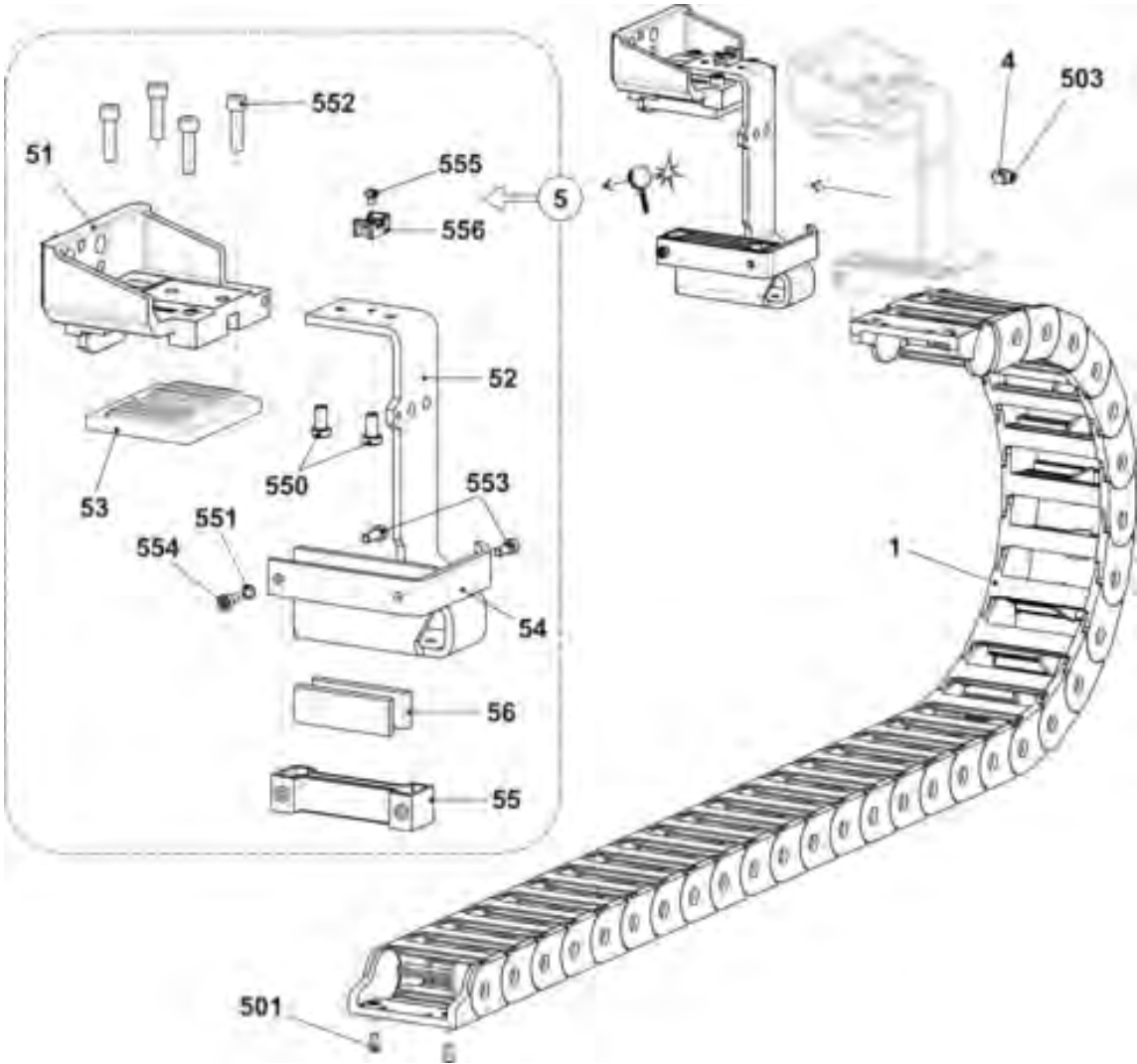
2.1.2 Tension bearing

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



2.2 Energy chain and plunger

Pos	Designation	Id	Pos	Designation	Id
1	Energy chain 30 links	241 555	5	Continuation carriage driver complete	
4	Spacer	214 584	56	Cellular caoutchouc black	202 597
501	Cap screw M6x8	023 411	550	Cap screw M8x16	023 144
503	Cap screw M6x16	020 135	551	Circlip	022 752
5	Carriage driver complete	241 430	552	Cap screw M8X30	020 143
51	Carriage driver	241 404	553	Cap screw M6x16	020 135
52	Cable driver	251 262	554	Cap screw M6x12	020 134
53	Clamping plate	226 111	555	Countersunk screw M5x6	023 284
54	Cover strip	230 698	556	Fixing element	026 489
55	Cable holder	204 688			



2.2 Energy chain and plunger

Notes:

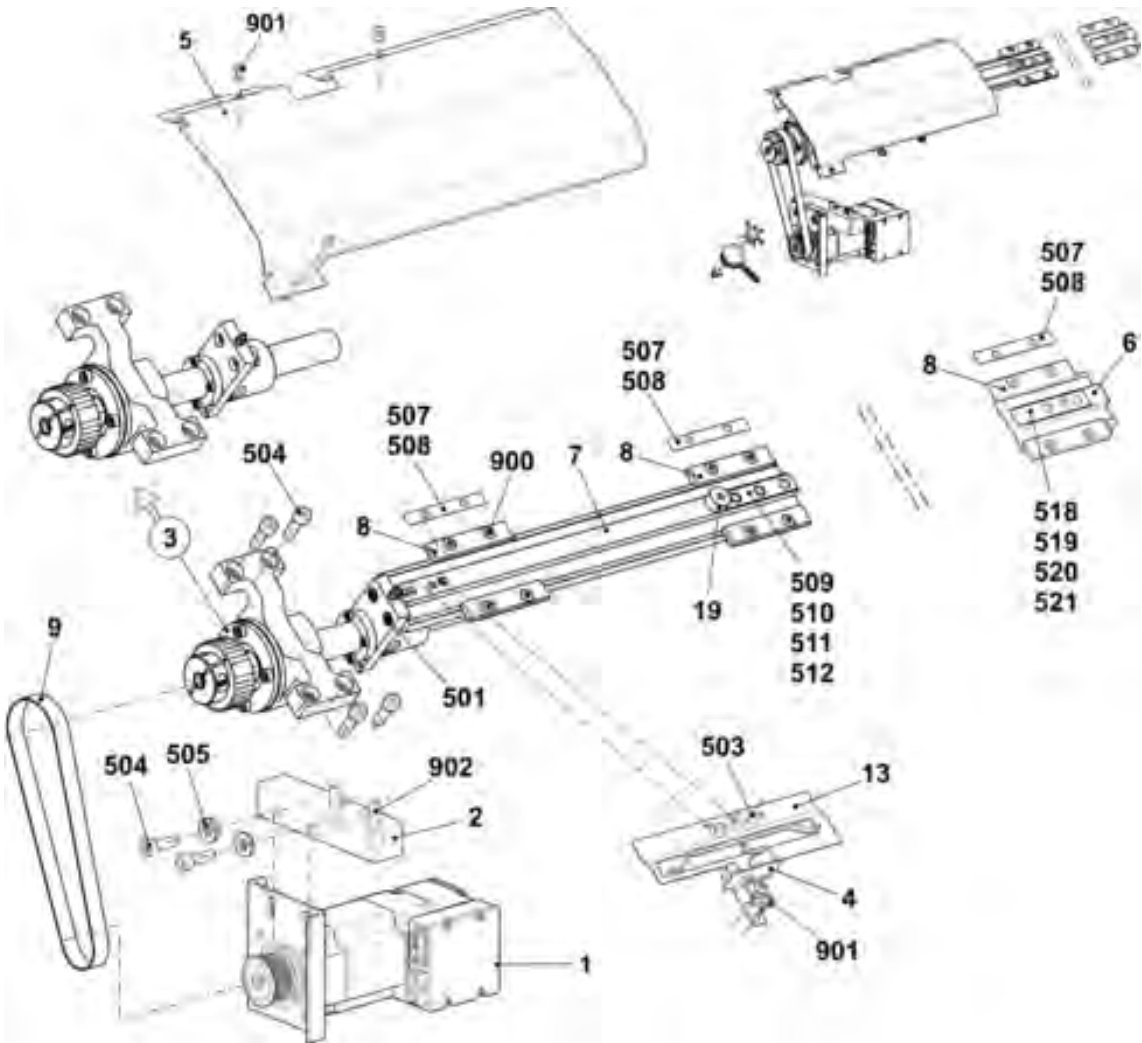
3 Racking



3.1 Racking drive

3.1 Racking drive

Pos	Designation	Id	Pos	Designation	Id
Σ	Racking				
1	Three-phase A.C. servo motor racking complete	258 192	505	U-washer8,4X20X3	022 175
2	Bearing	227 605	507	Shim 0,03x11x80	023 286
3	Spindle bearing	253 262	508	Shim 0,05x11x80	023 287
4	Card racking limit switch	229 396	509	Shim 0,03x15x85	023 162
5	Racking cover plate	240 721	510	Shim 0,05x15x85	023 163
6	Racking strip on the left	240 696	511	Shim 0,1x15x85	023 164
7	Racking strip	240 690	512	Shim0,2x15x85	023 170
8	Guide strip	206 382	518	Shim 0,03x15x75	023 395
9	Toothed belt150 S 5M 490	229 281	519	Shim 0,05x15x75	023 396
13	Switch plate	240 722	520	Shim 0,1x15x75	023 397
19	Stop screw	221 386	521	Shim 0,2x15x75	023 398
501	Cap screwM6x16	023 116	900	Cap screwM6x12	022 795
503	Countersunk screwM6x10	023 183	901	Countersunk screwM6x10	023 183
504	Cap screwM8x25	020 142	902	Cap screwM8x30	020 143



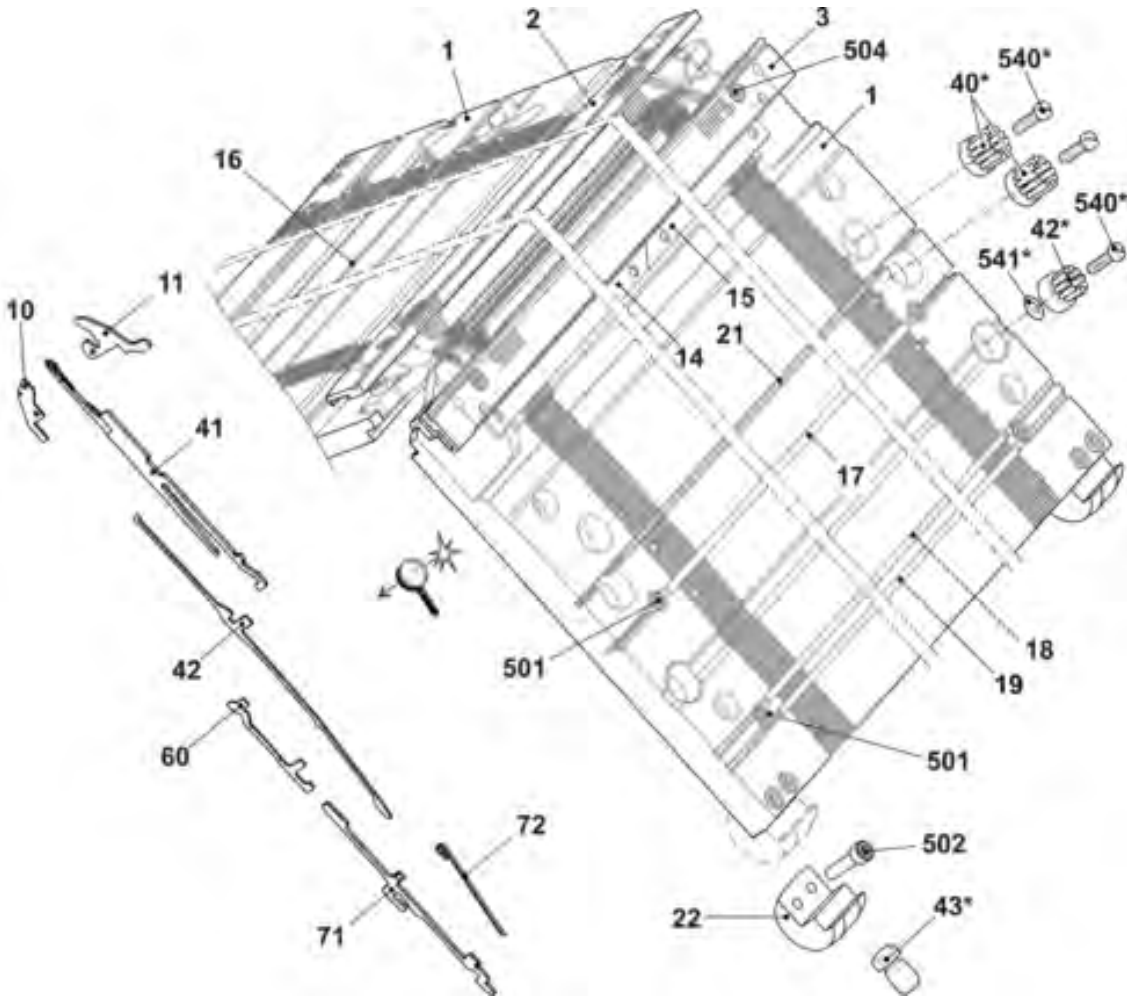
4 Needle beds



4.1 Needle bed E10

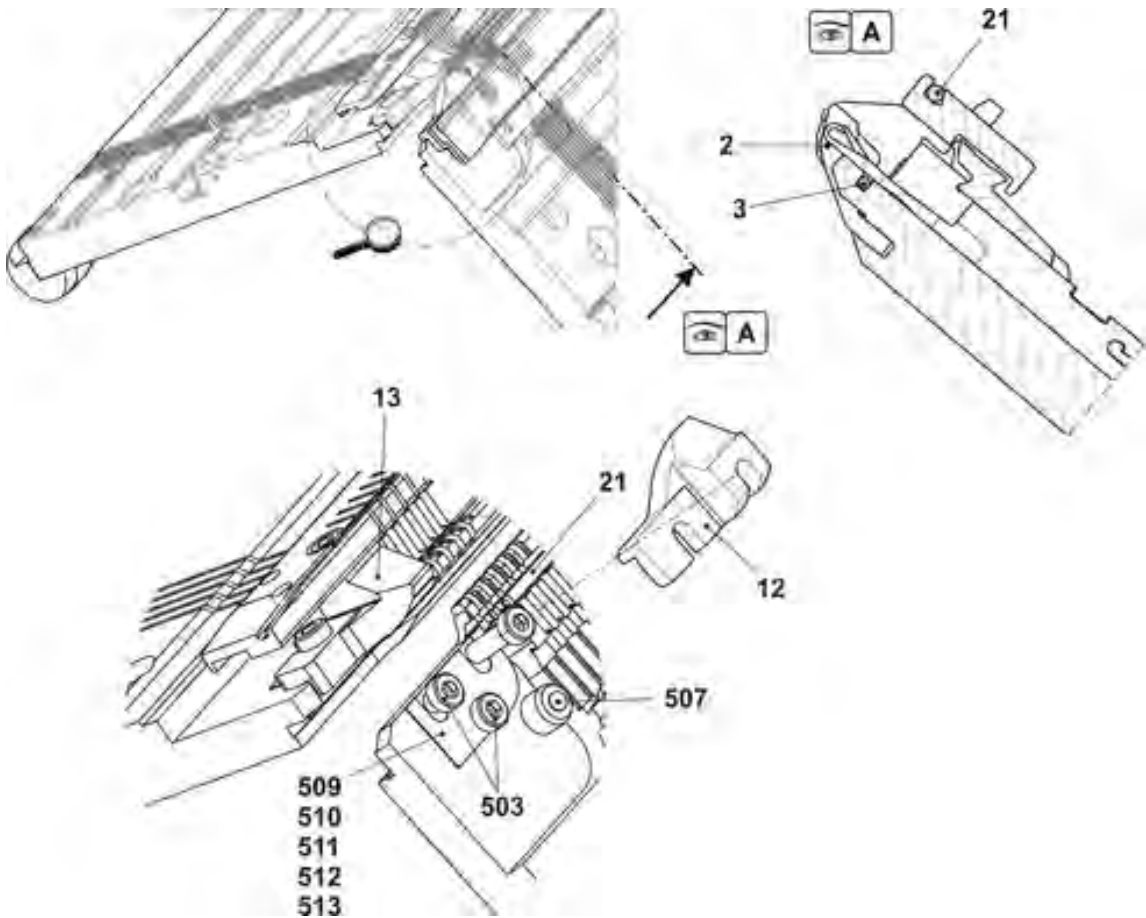
4.1 Needle bed E10

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E10	253 190				
1	Needle bed at the front + rear E10	253 453		17	Cover rail at the front E10	214 036
2	Holding-down jack bed at the rear E10	240 447		18	Cover rail	213 762
3	Holding-down jack bed at the front E10	240 430		19	Cover rail	213 763
41	Needle E10 with round hook	205 398		21	Fixed wire D=2.8 1290mm	213 983
42	Coupling part E10-12	253 382		22	Support	241 339
60	Intermediate slider with brake E10-12	255 535		501	Cap screw M5x10	022 918
71	Selection jack E10-12	200 688		502	Cap screw M6x25	020 137
72	Selector spring E10-12	200 691		504	Cap screw M5x22	023 193
10	Knock-over bit E10	239 756		40*	Disk brush	235 612
11	Holding-down jack (trick wall) E10	239 815		42*	Disk brush	202 600
14	Needle rail on the left	213 998		43*	Adjusting bolt	240 765
15	Needle rail on the right	213 999		540*	Cap screw M5x12	020 032
16	Cover rail at the rear	213 981		541*	Adjusting washer P6x0.3	023 540



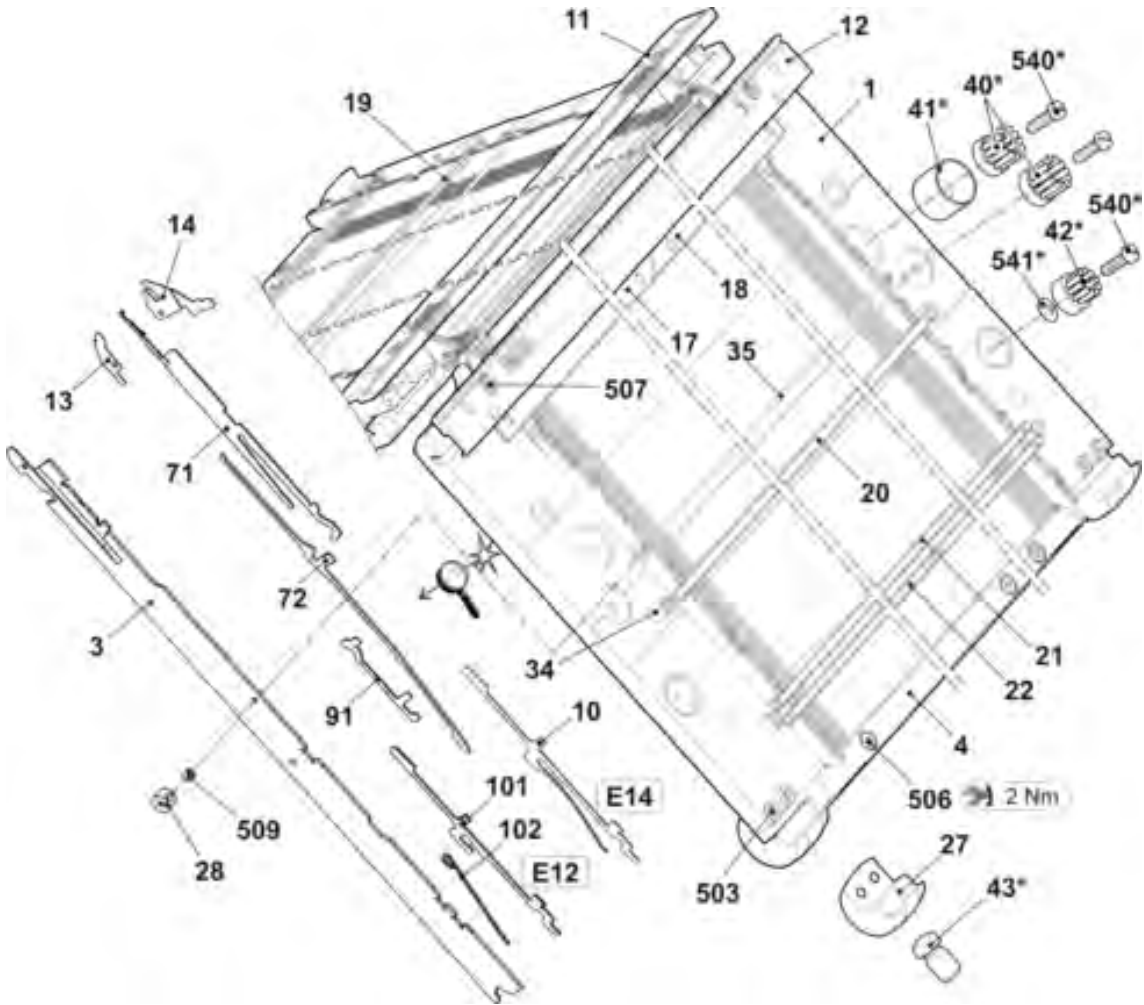
4.1.1 Continuation needle bed E10

Pos	Designation	Id		Pos	Designation	Id
2	Spring steel wire ø0.6 E10 – E14	213 990		507	Sprung thrust piece	023 177
3	Spring steel wire Ø2.0	213 996		509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E10-14	205 764		510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E10-14	205 765		511	Shim 0.05x18.5x34	023 196
21	Fixed wire Ø2.8	213 983		512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154		513	Shim 0.2x18.5x34	023 253



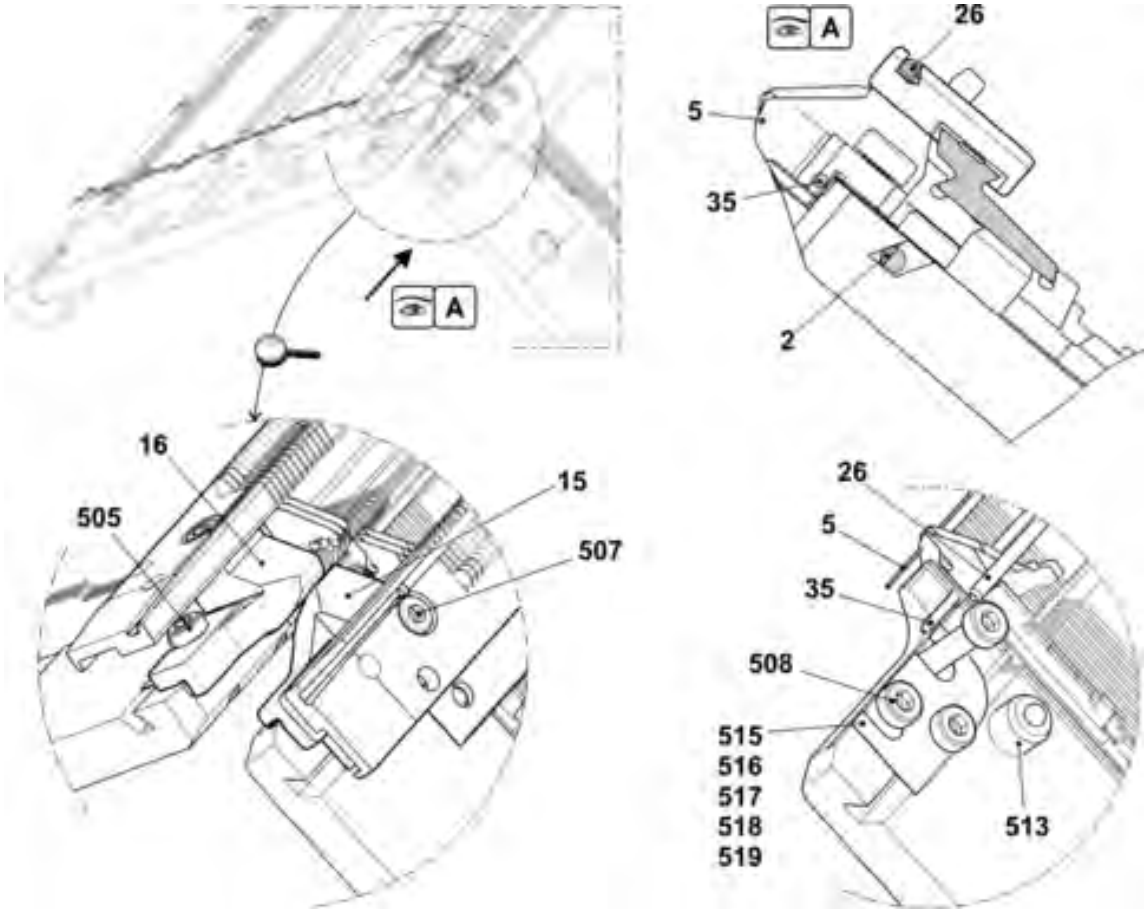
4.2 Needle bed E12

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E12	253 165				
1	Needle bed at the front rear E12	253 455		21	Cover rail	213 762
3	Main trick wall E12	252 628		22	Cover rail	213 763
4	Pressure slide E10-14	213 919		27	Support	241 339
71	Needle E12	204 009		28	Bush	206 090
72	Coupling part E10-12	253 382		34	Stop screw	235 244
91	Intermediate slider with brake E10-12	255 535		35	Spring steel wire Ø2.0	245 320
101	Selection jack E10-12	200 688		40*	Disk brush	235 612
102	Selector spring E10-12	200 691		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E12	240 448		42*	Disk brush	202 600
12	Holding-down jack bed at the front E12	240 431		43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013		540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E12	227 821		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037		509	Setscrew M3.5x3-1	020 512



4.2.1 Continuation needle bed E12

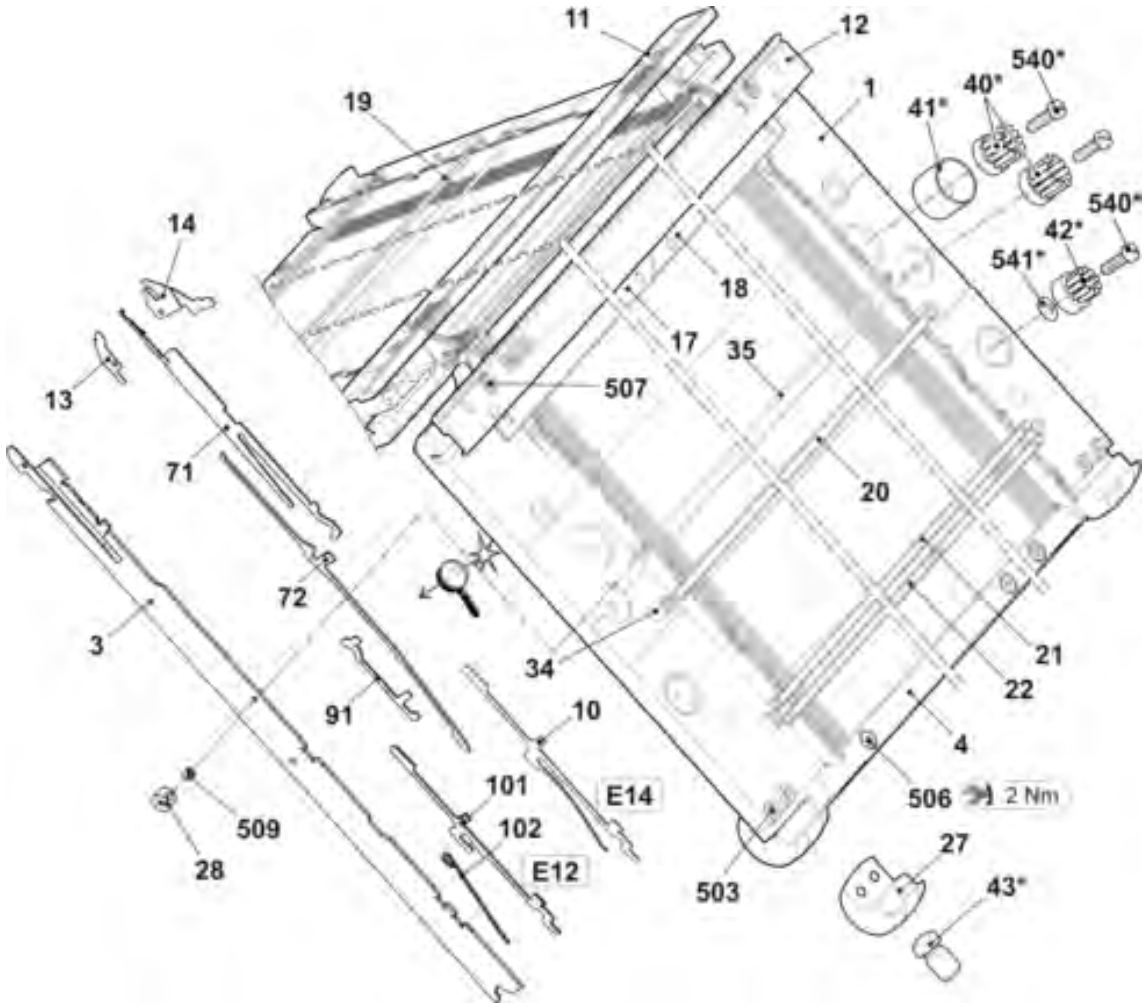
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990		513	Sprung thrust piece	023 177
15	Limiter on the left E10 - E14	205 764		515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10 - E14	205 765		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154		519	Shim 0.02x18.5x34	023 253
507	Cap screw M5x22	023 193				



4.3 Needle bed E14

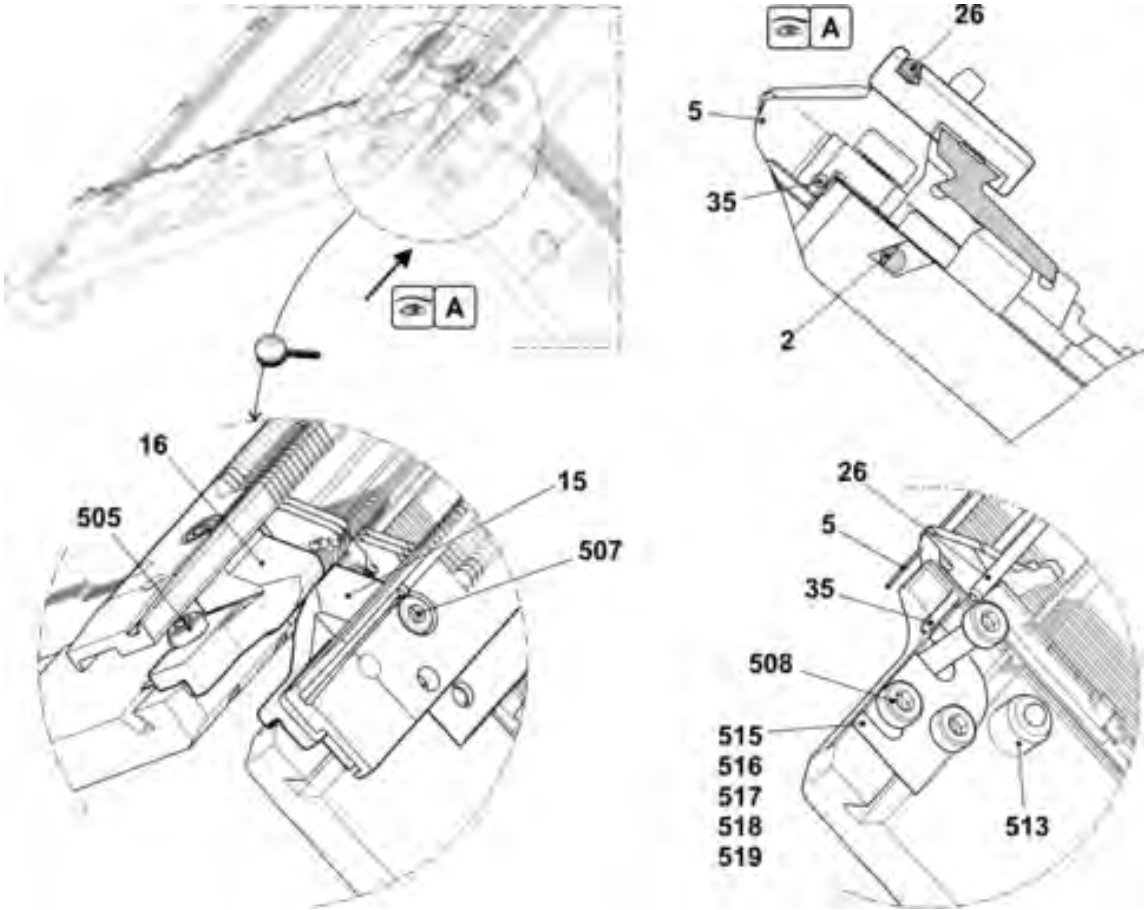
4.3 Needle bed E14

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E14	254 218		21	Cover rail	213 762
1	Needle bed at the front and rear E14	253 456		22	Cover rail	213 763
3	Main trick wall E14	252 629		27	Support	241 339
4	Pressure slide E10-14	213 919		28	Bush	206 090
71	Needle E14	209 614		34	Stop screw	235 244
72	Coupling part E14	253 383		35	Spring steel wire Ø2.0	245 320
91	Intermediate slider with brake E14	255 536		40*	Disk brush	235 612
10	Selection jack with spring E14	224 725		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E14	240 449		42*	Disk brush	202 600
12	Holding-down jack bed at the front E14	240 432		43*	Adjusting bolt	240 765
13	Knock-over bit E14	209 649		540*	Cap screw M5x12	020 032
14	Holding-down jack trick wall E14	235 262		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E14	214 038		509	Setscrew M3.5x3	020 512



4.3.1 Continuation needle bed E14

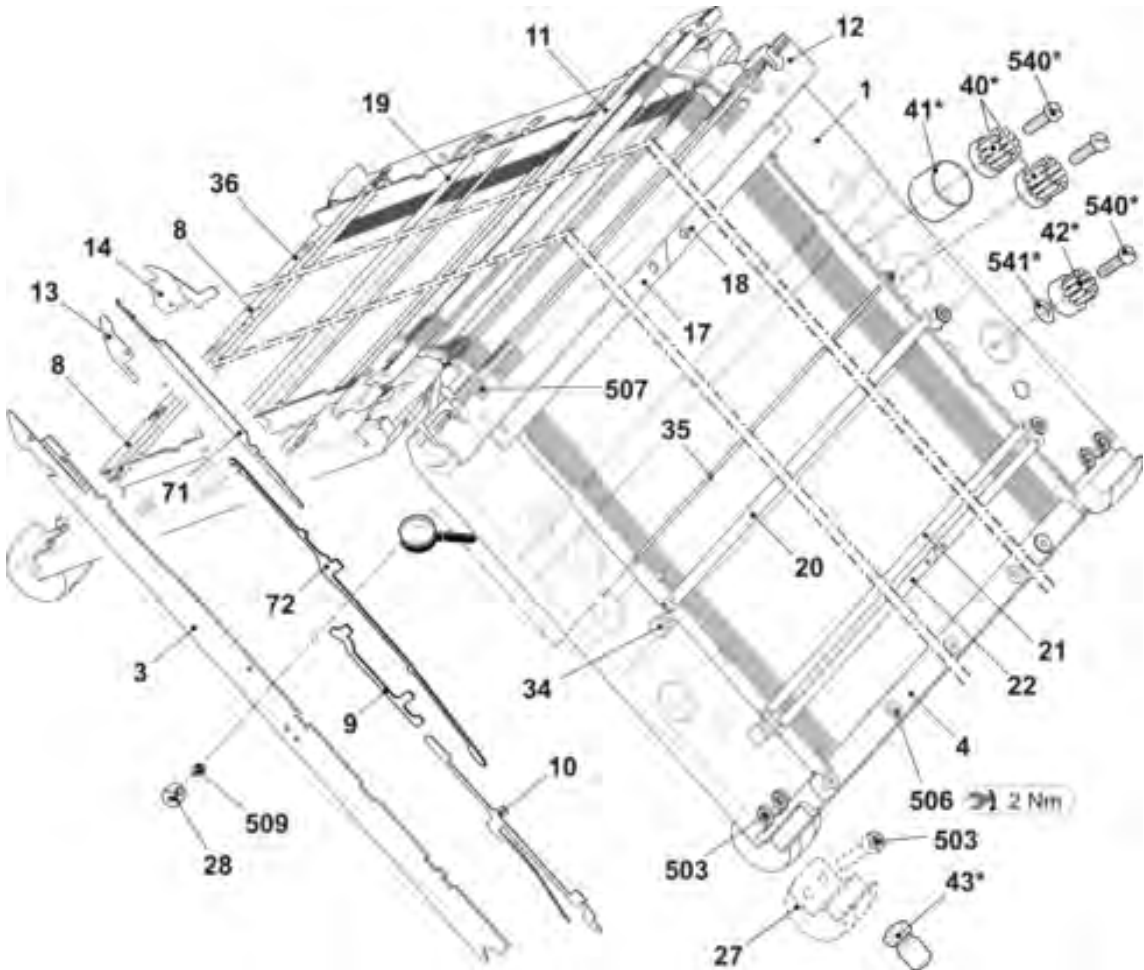
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990		513	Spring thrust piece	023 177
15	Limiter on the left E10-14	205 764		515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154		519	Shim 0.02x18.5x34	023 253
507	Cap screw M5x22	023 193				



4.4 Needle bed E16

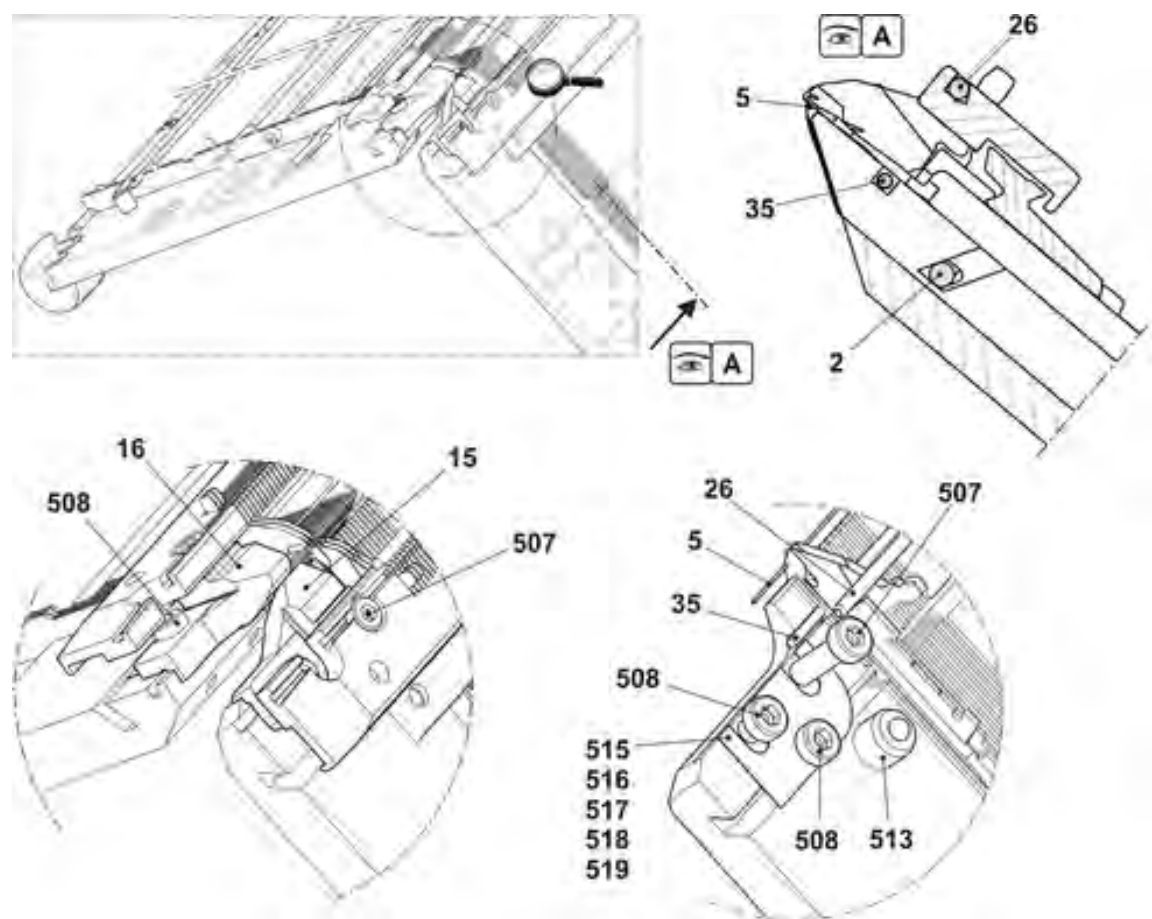
4.4 Needle bed E16

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E16	253 191		21	Cover rail	213 762
1	Needle bed at the front rear E16	253 458		22	Cover rail	213 763
3	Main trick wall E16	245 319		27	Support	241 339
4	Pressure strip at the front E5-14	219 536		28	Bush	206 090
71	Needle E16	232 243		34	Stop screw	235 244
72	Coupling part E16-20	253 384		35	Spring steel wire D=2.0 1287 mm	245 320
8	Pressure strip at the rear E5-14	219 537		36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider with brake E16-18	255 537		40*	Disk brush	235 612
10	Selection jack E16 with selector spring	222 265		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E16	240 450		42*	Disk brush	202 600
12	Holding-down jack bed at the front E16	240 433		43*	Adjusting bolt	240 765
13	Knock-over bit E16	222 503		540*	Cap screw M5x12	020 032
14	Holding-down jack E16	222 504		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M4-M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E16	222 531		509	Setscrew M3.5x3-1	020 512



4.4.1 Continuation needle bed E16

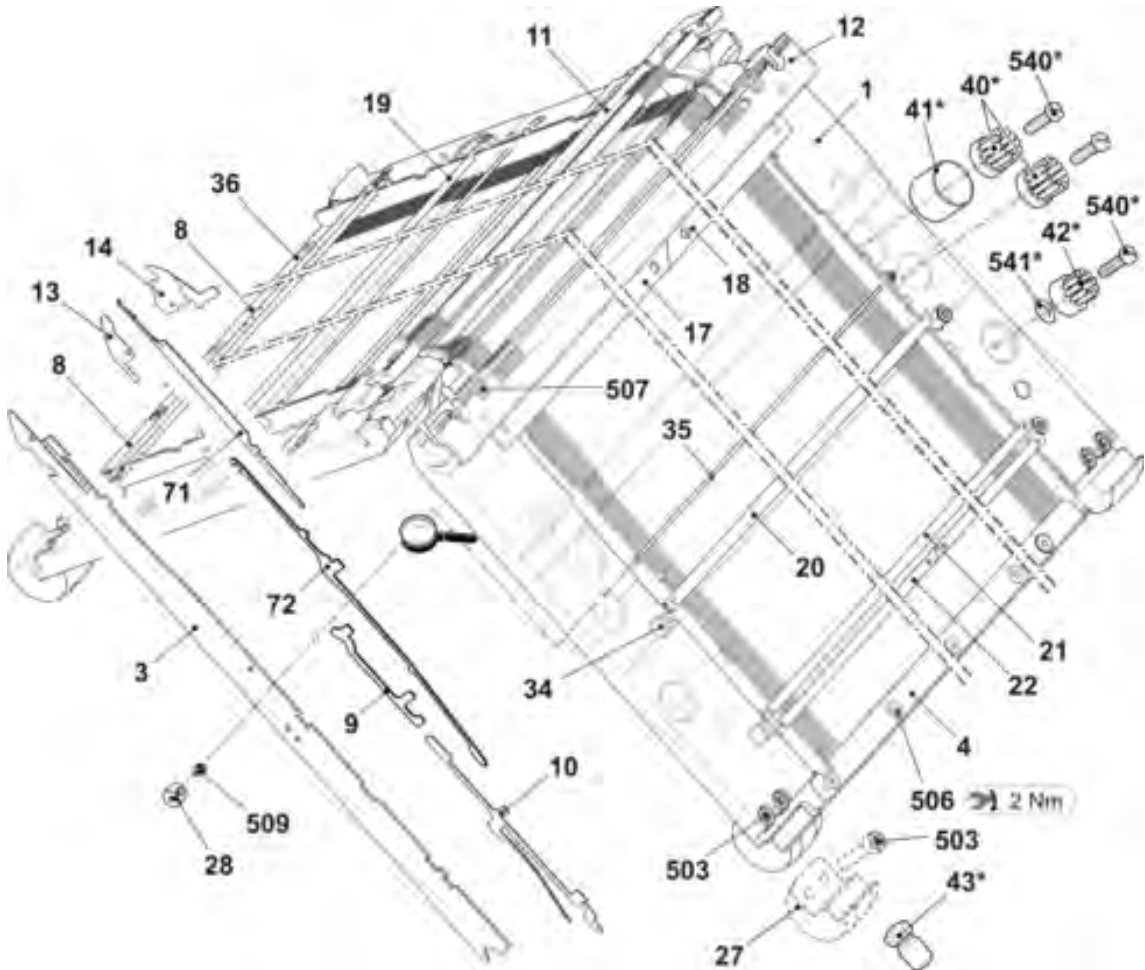
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12-8.8	022 943
5	Spring steel wire Ø0.5	220 759		513	Sprung thrust piece	023 177
15	Limiter on the left E16-E20	220 821		515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16-E20	220 822		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	223 922		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193		519	Shim 0.02x18.5x34	023 253



4.5 Needle bed E18

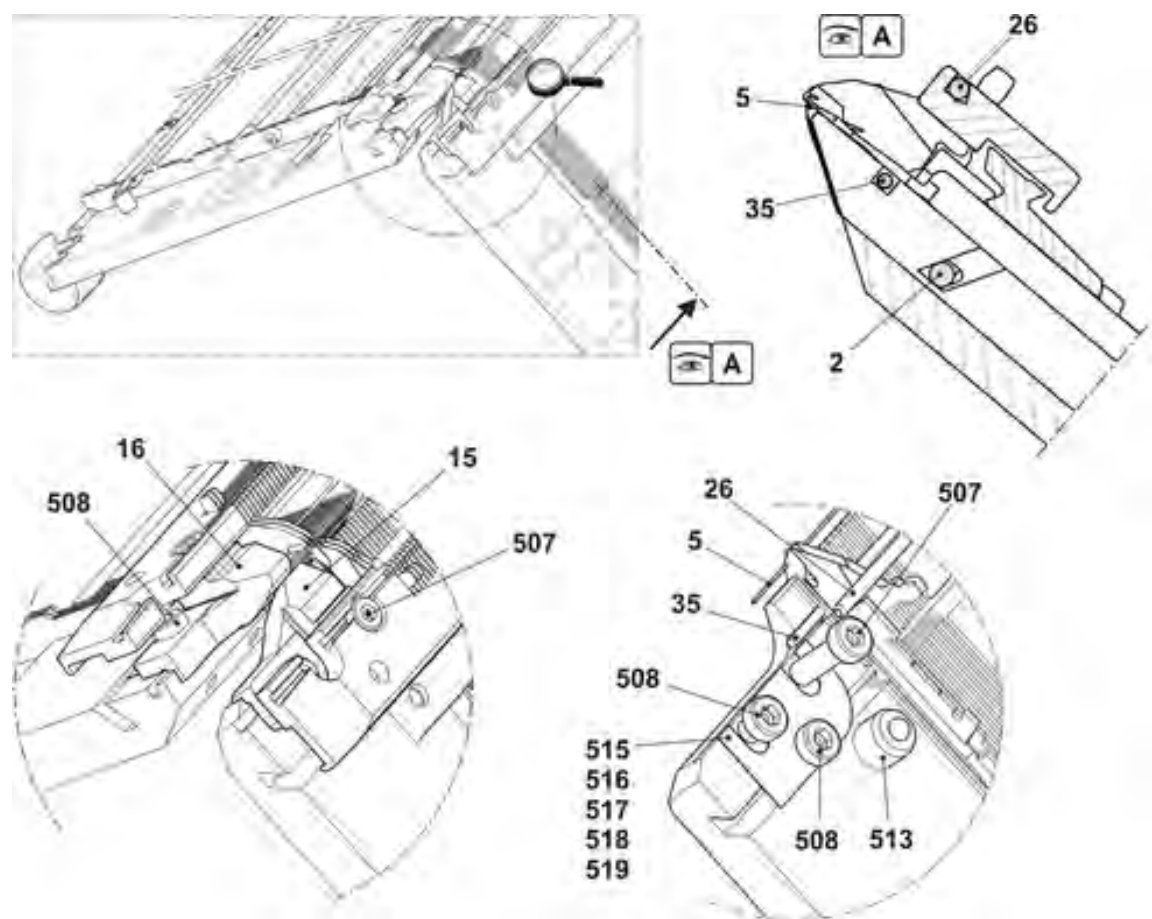
4.5 Needle bed E18

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E18	253 192		21	Cover rail	213 762
1	Needle bed at the front + rear E18	253 459		22	Cover rail	213 763
3	Main trick wall E18	251 051		27	Support	241 339
4	Pressure strip at the front E5-14	219 536		28	Bush	206 090
71	Needle E18	239 527		34	Stop screw	235 244
72	Coupling part E16-20	253 384		35	Spring steel wire D=2.0 1287 mm	245 320
8	Pressure strip at the rear E5-14	219 537		36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider with brake E16-18	255 537		40*	Disk brush	235 612
10	Selection jack E16-20	222 265		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E18	240 451		42*	Disk brush	202 600
12	Holding-down jack bed at the front E18	240 434		43*	Adjusting bolt	240 765
13	Knock-over bit E18	220 764		540*	Cap screw M5x12	020 032
14	Holding-down jack E18	220 770		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M4-M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E18	220 745		509	Setscrew M3.5x3-1	020 512



4.5.1 Continuation needle bed E18

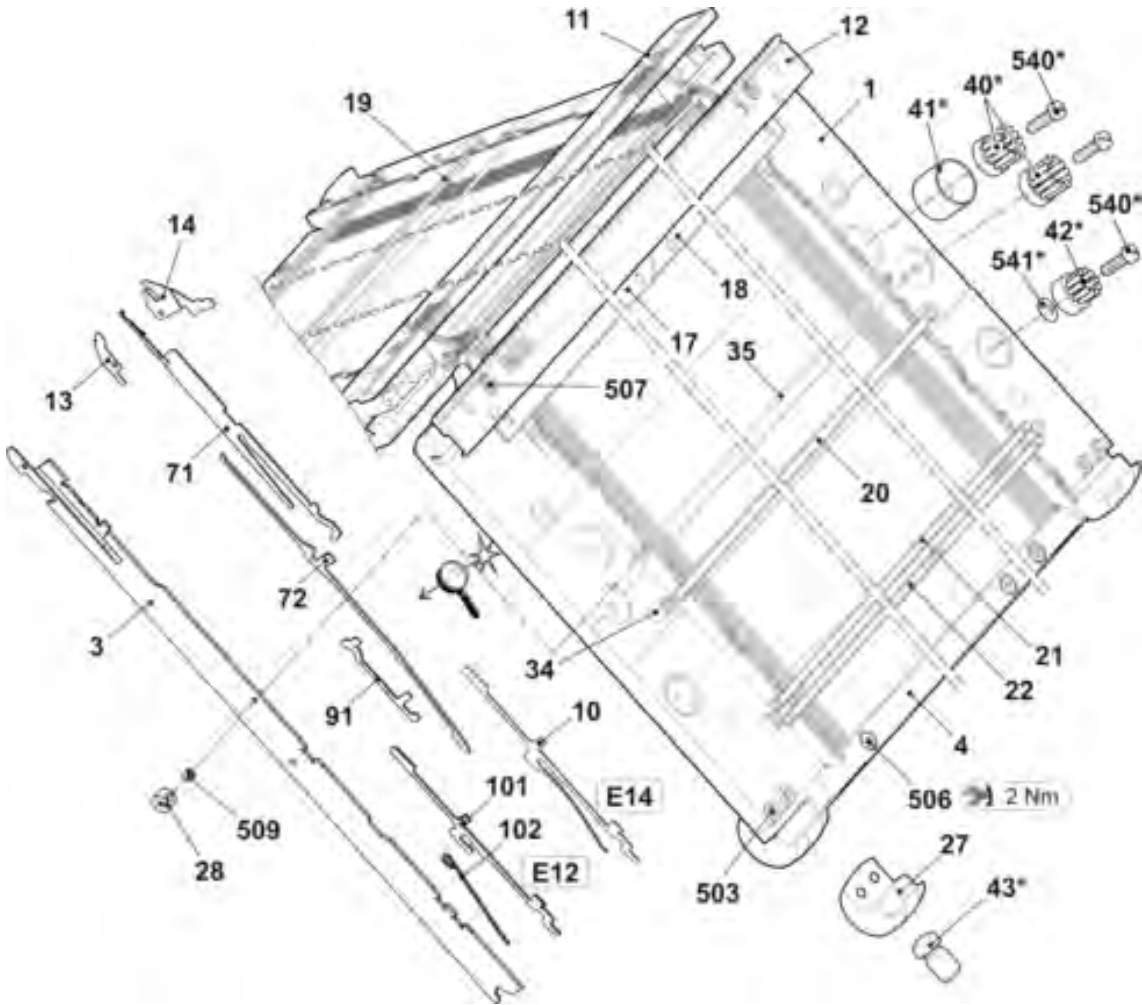
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12-8.8	022 943
5	Spring steel wire Ø0.5	220 759		513	Sprung thrust piece	023 177
15	Limiter on the left E16-E20	220 821		515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16-E20	220 822		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	223 922		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193		519	Shim 0.02x18.5x34	023 253



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

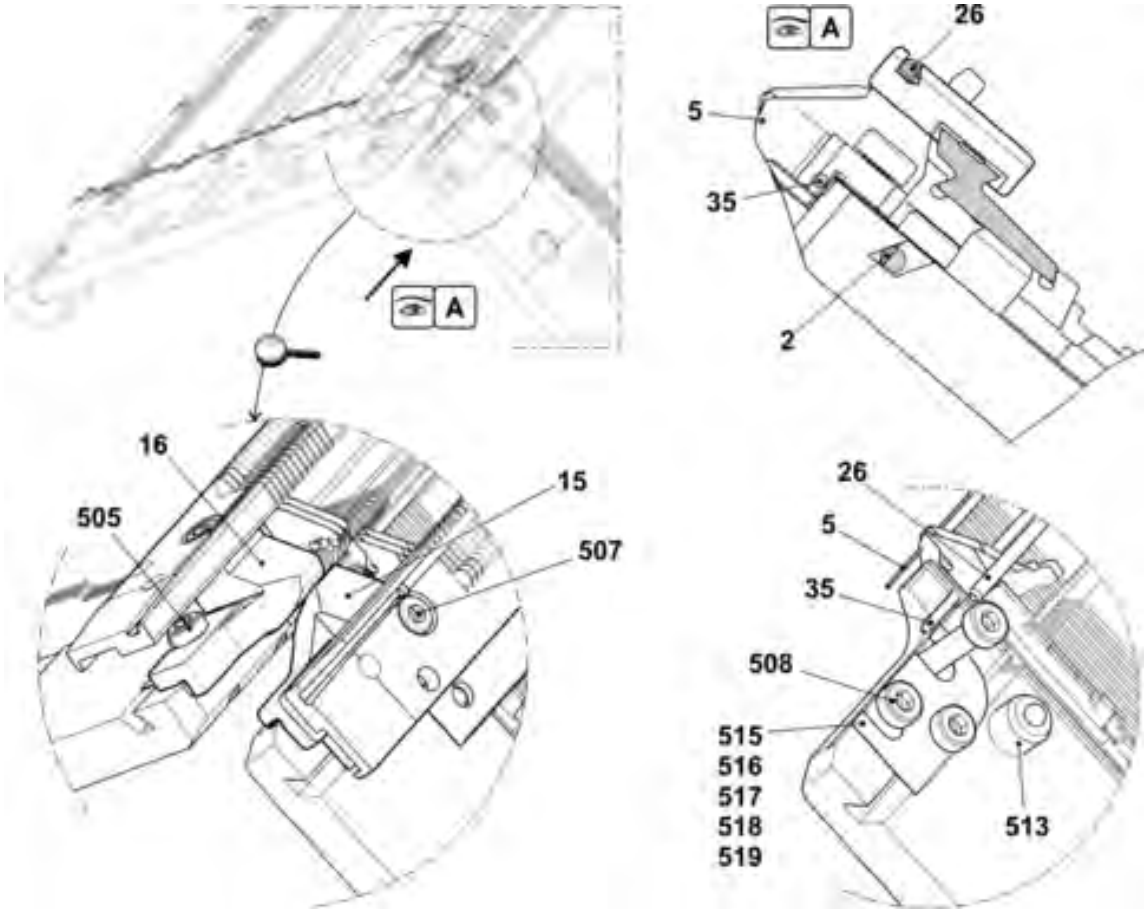
4.6 Needle bed E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E6.2(12m.10)	255 111				
1	Needle bed at the front rear E12	253 455		21	Cover rail	213 762
3	Main trick wall E12	252 628		22	Cover rail	213 763
4	Pressure slide E10-14	213 919		27	Support	241 339
71	Needle E10 with round hook	205 398		28	Bush	206 090
72	Coupling part E10-12	253 382		34	Stop screw	235 244
91	Intermediate slider with brake E10-12	255 535		35	Spring steel wire Ø2.0	245 320
101	Selection jack E10-12	200 688		40*	Disk brush	235 612
102	Selector spring E10-12	200 691		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E12	240 448		42*	Disk brush	202 600
12	Holding-down jack bed at the front E12	240 431		43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013		540*	Cap screw M5x12	020 032
14	Holding-down jack trick wall E12	227 821		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037		509	Setscrew M3.5x3	020 512



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

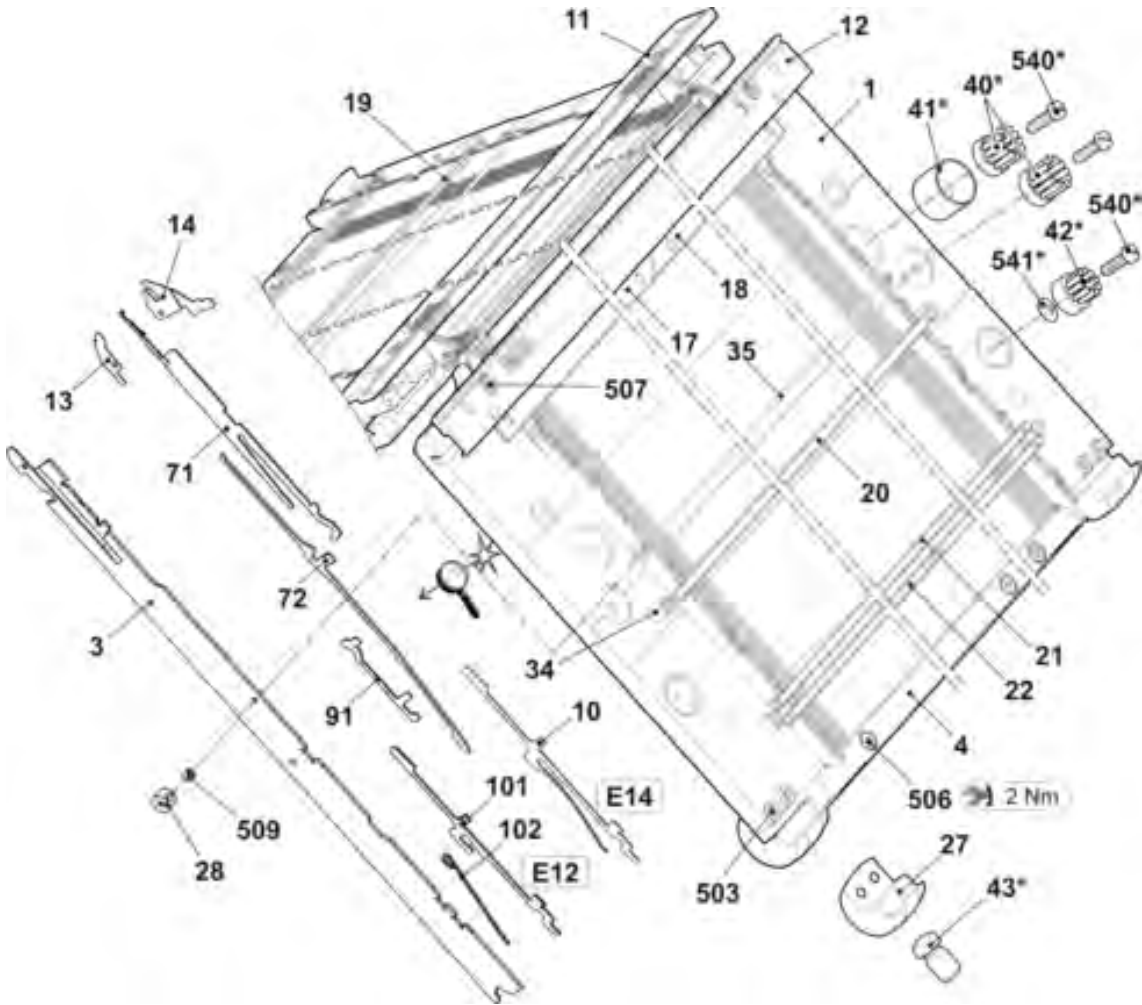
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990		513	Sprung thrust piece	023 177
15	Limiter on the left E10-14	205 764		515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154		519	Shim 0.02x18.5x34	023 253
507	Cap screw M5x22	023 193				



4.7 Needle bed E6.2

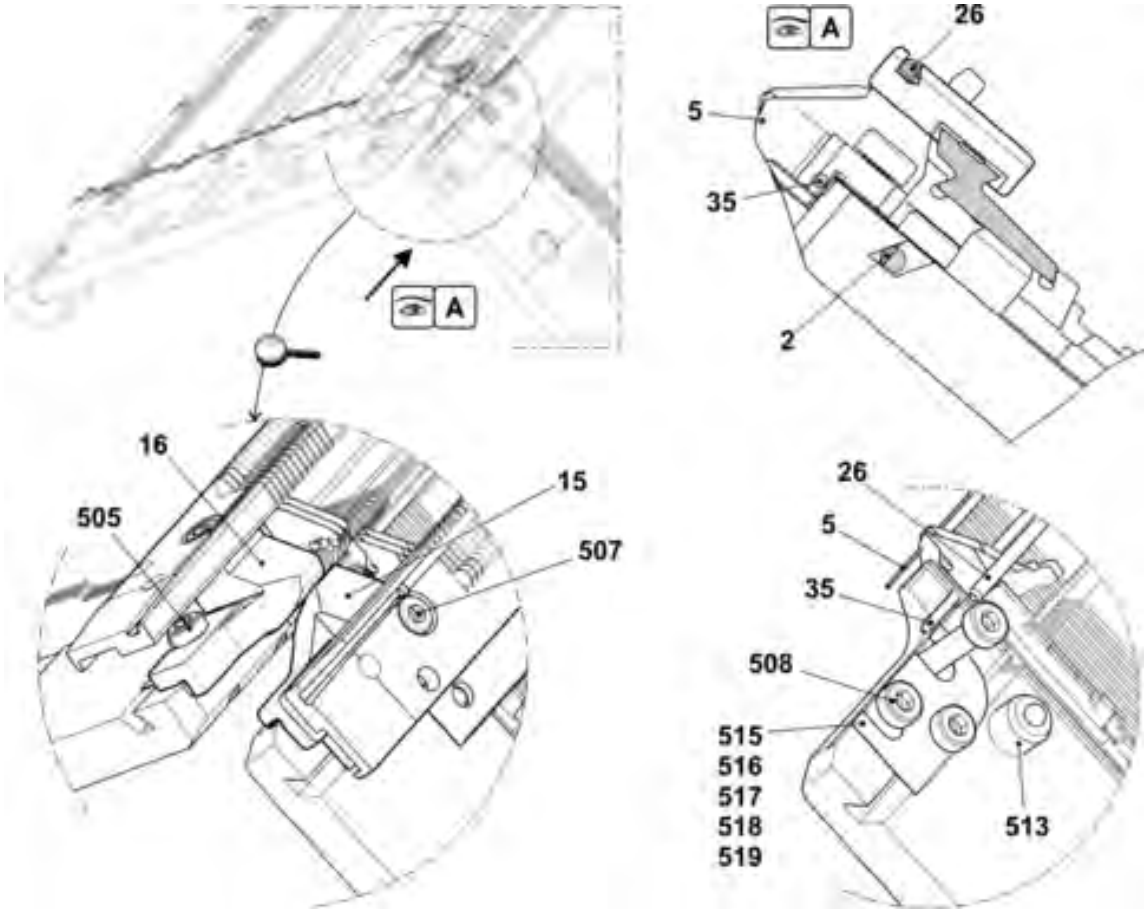
4.7 Needle bed E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front + rear E6.2	255 767				
1	Needle bed at the front rear E12	253 455		21	Cover rail	213 762
3	Main trick wall E12	252 628		22	Cover rail	213 763
4	Pressure slide E10-14	213 919		27	Support	241 339
71	Needle E6.2	207 349		28	Bush	206 090
72	Coupling part E10-12	253 382		34	Stop screw	235 244
91	Intermediate slider with brake E10-12	255 535		35	Spring steel wire Ø2.0	245 320
101	Selection jack E10-12	200 688		40*	Disk brush	235 612
102	Selector spring E10-12	200 691		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E6.2	240 455		42*	Disk brush	202 600
12	Holding-down jack bed at the front E6.2	240 438		43*	Adjusting bolt	240 765
13	Knock-over bit E12	205 013		540*	Cap screw M5x12	020 032
14	Holding-down jack (trick wall) E12	227 821		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E12	214 037		509	Setscrew M3.5x3	020 512



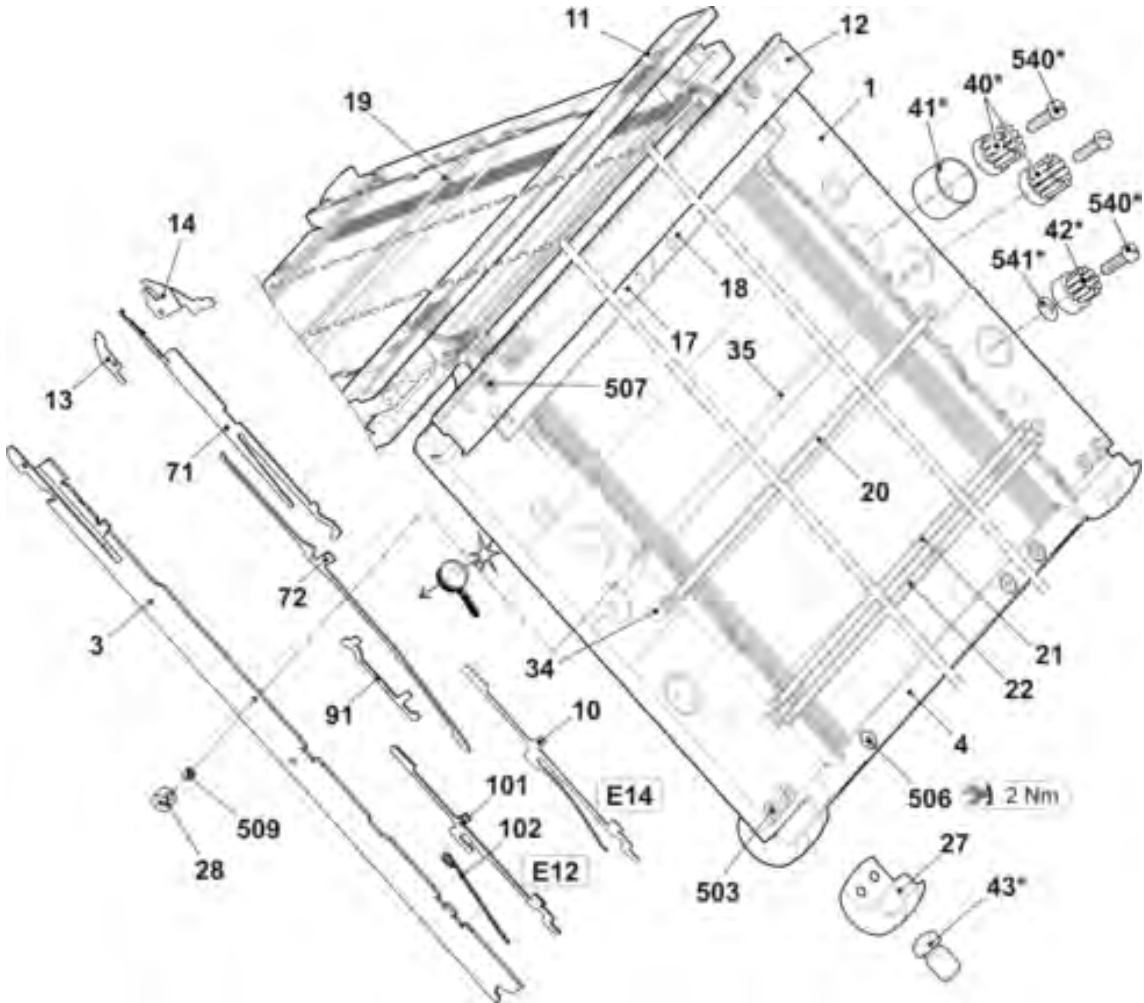
4.7.1 Continuation needle bed E6.2

Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990		513	Sprung thrust piece	023 177
15	Limiter on the left E10-14	205 764		515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154		519	Shim 0.02x18.5x34	023 253
507	Cap screw M5x22	023 193				



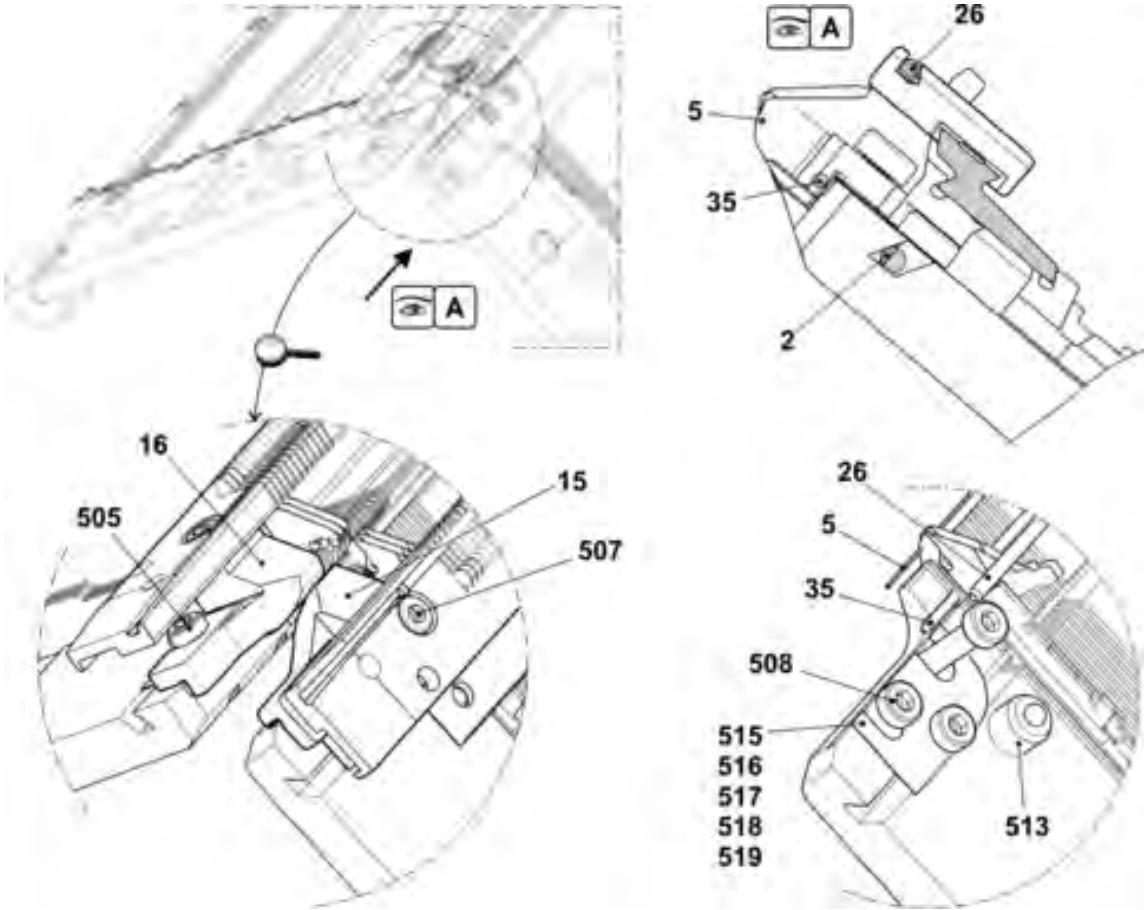
4.8 Needle bed E7.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Needle bed complete at the front + rear E7.2	253 166	21	Cover rail	213 762
1	Needle bed at the front and rear E14	253 456	22	Cover rail	213 763
3	Main trick wall E14	252 629	27	Support	241 339
4	Pressure slide E10-14	213 919	28	Bush	206 090
71	Needle E7.2	225 230	34	Stop screw	235 244
72	Coupling part E14	253 383	35	Spring steel wire Ø2.0	245 320
91	Intermediate slider with brake E14	255 536	40*	Disk brush	235 612
10	Selection jack with spring E14	224 725	41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E7.2	240 456	42*	Disk brush	202 600
12	Holding-down jack bed at the front E7.2	240 439	43*	Adjusting bolt	240 765
13	Knock-over bit E14	209 649	540*	Cap screw M5x12	020 032
14	Holding-down jack trick wall E14	254 883	541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998	503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999	506	Cap screw M5x8	023 379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E14	214 038	509	Setscrew M3.5x3	020 512



4.8.1 Continuation needle bed E7.2

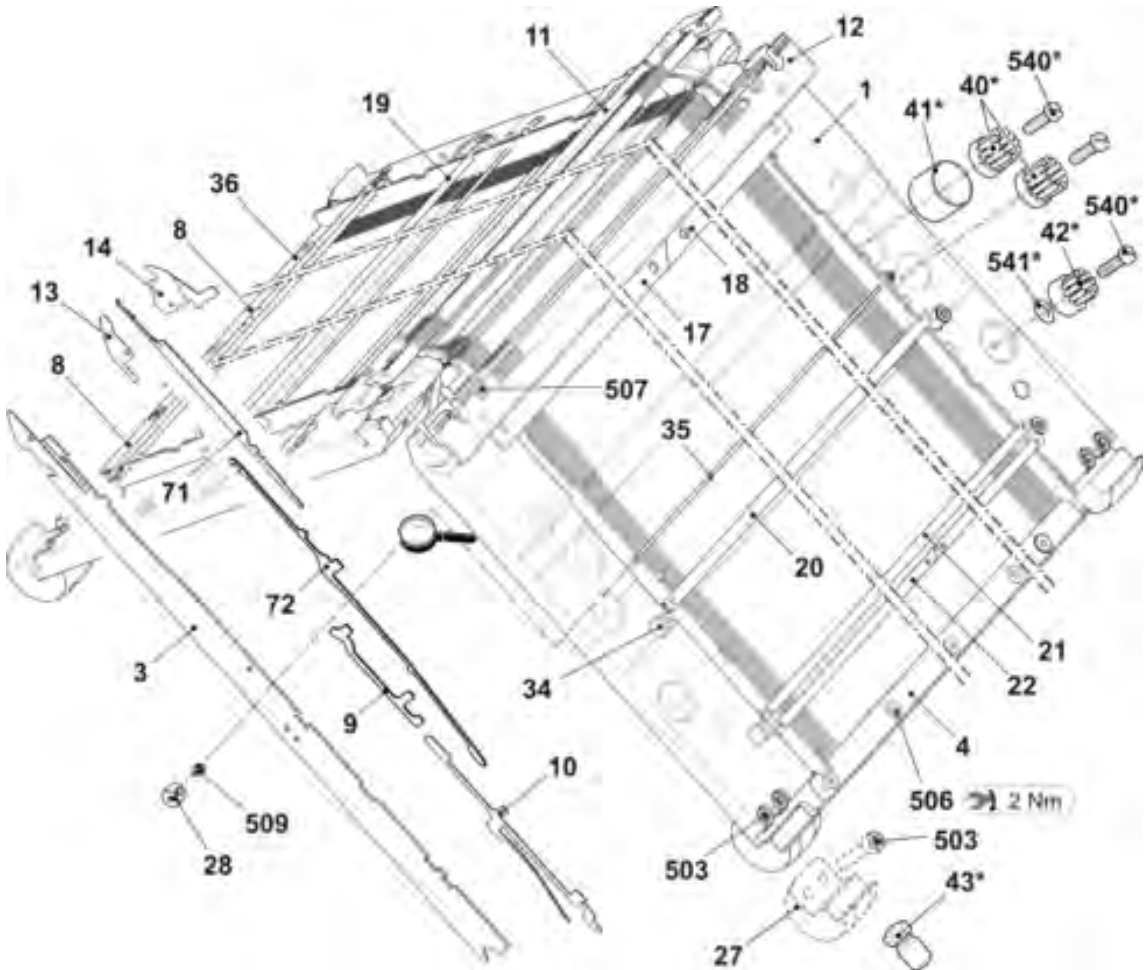
Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12	022 943
5	Spring steel wire Ø0.6	213 990		513	Spring thrust piece	023 177
15	Limiter on the left E10-14	205 764		515	Shim 0.02x18.5x34	023 194
16	Limiter on the right E10-14	205 765		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	213 983		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8	023 154		519	Shim 0.02x18.5x34	023 253
507	Cap screw M5x22	023 193				



4.9 Needle bed E8.2

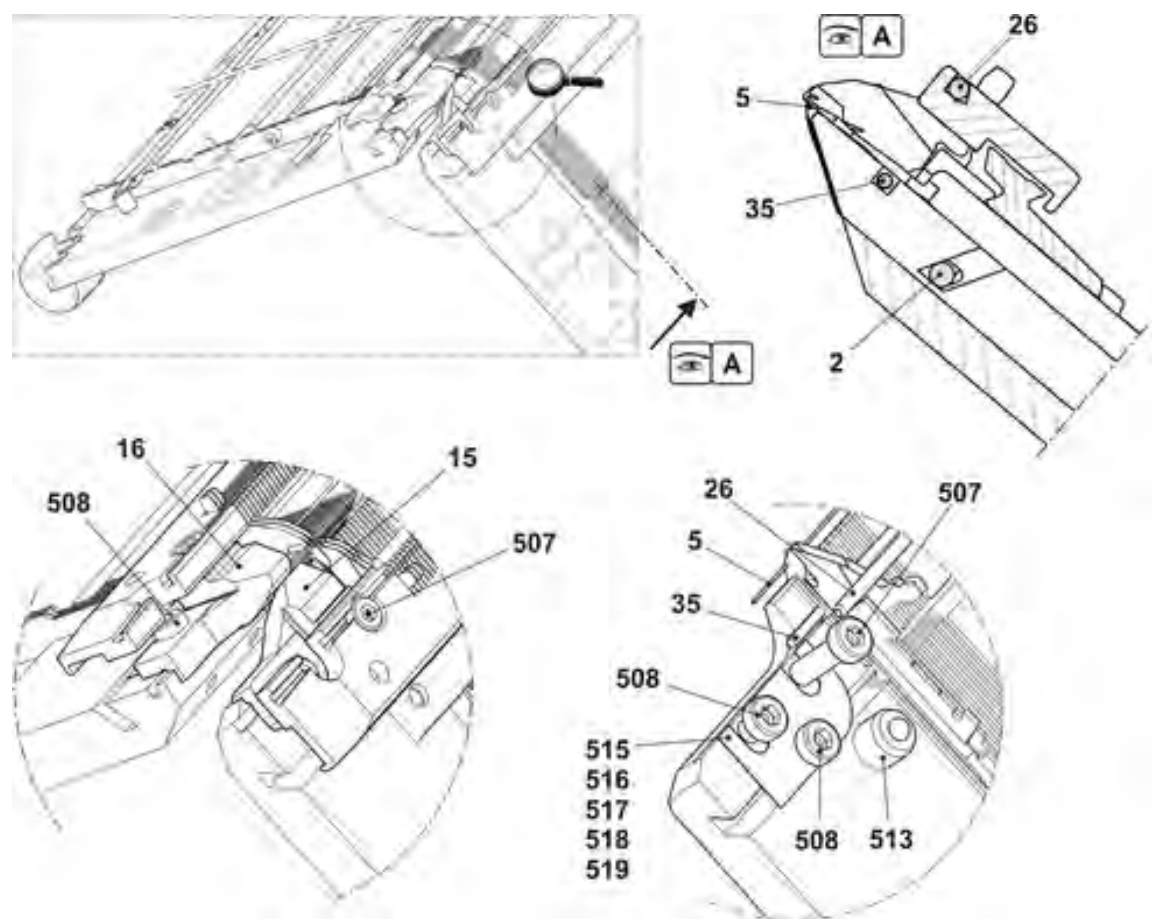
4.9 Needle bed E8.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Needle bed complete at the front and rear E8.2	254 219		21	Cover rail	213 762
1	Needle bed at the front rear E16	253 458		22	Cover rail	213 763
3	Main trick wall E16	245 319		27	Support	241 339
4	Pressure strip at the front E5-14	219 536		28	Bush	206 090
71	Needle E18/14	240 026		34	Stop screw	235 244
72	Coupling part E16-20	253 384		35	Spring steel wire D=2.0 1287 mm	245 320
8	Pressure strip at the rear E5-14	219 537		36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider with brake E16-18	255 537		40*	Disk brush	235 612
10	Selection jack E16 with selector spring	222 265		41*	Container disk brush	233 012
11	Holding-down jack bed at the rear E16	240 450		42*	Disk brush	202 600
12	Holding-down jack bed at the front E16	240 433		43*	Adjusting bolt	240 765
13	Knock-over bit E16	222 503		540*	Cap screw M5x12	020 032
14	Holding-down jack E16	222 504		541*	Adjusting washer P6x0.3	023 540
17	Needle rail on the left	213 998		503	Cap screw M6X14	022 658
18	Needle rail on the right	213 999		506	Cap screw M4-M5x8	023 379
19	Cover rail at the rear	213 981		507	Cap screw M5x22	023 193
20	Cover rail at the front E16	222 531		509	Setscrew M3.5x3-1	020 512



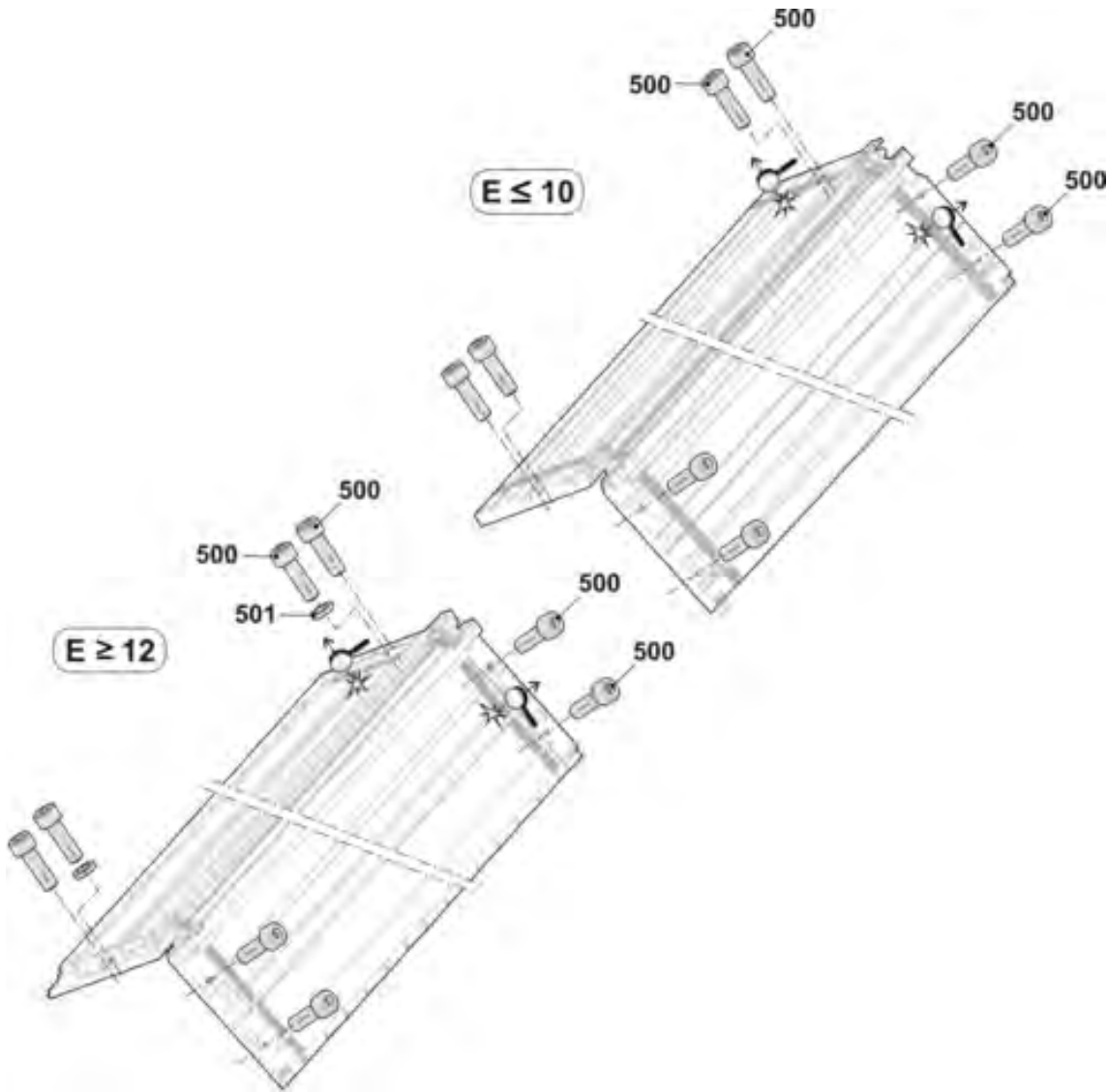
4.9.1 Continuation needle bed E8.2

Pos	Designation	Id		Pos	Designation	Id
2	Fixed wire ø3.4	213 995		508	Cap screw M5x12-8.8	022 943
5	Spring steel wire Ø0.5	220 759		513	Sprung thrust piece	023 177
15	Limiter on the left E16-E20	220 821		515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16-E20	220 822		516	Shim 0.03x18.5x34	023 195
26	Fixed wire Ø2.8	223 922		517	Shim 0.05x18.5x34	023 196
35	Spring steel wire Ø2.0	245 320		518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193		519	Shim 0.02x18.5x34	023 253



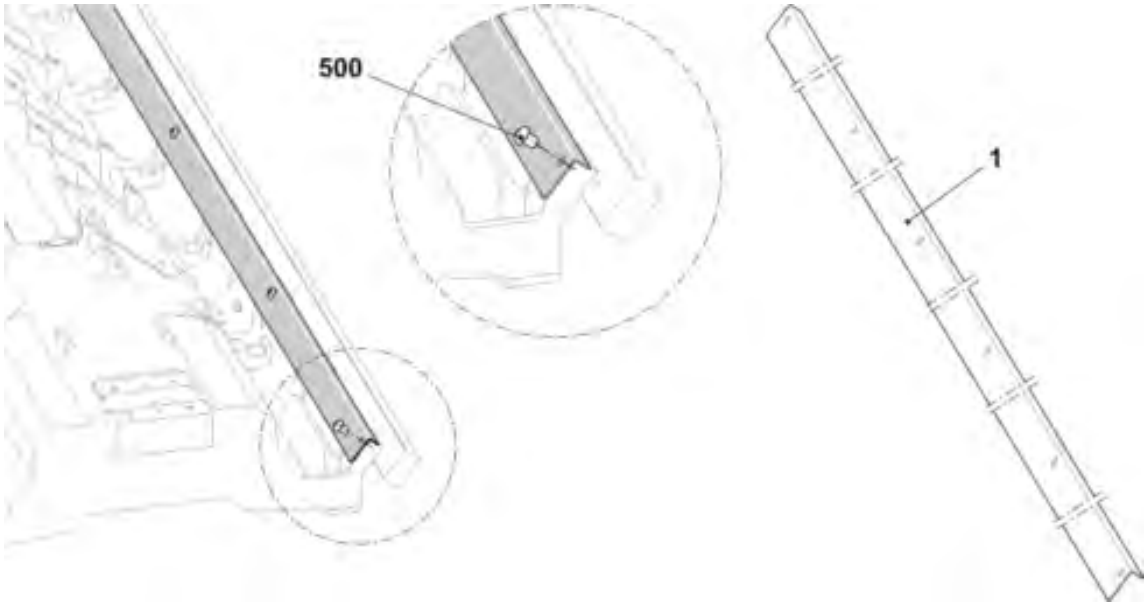
4.10 Needle beds, fixing elements

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



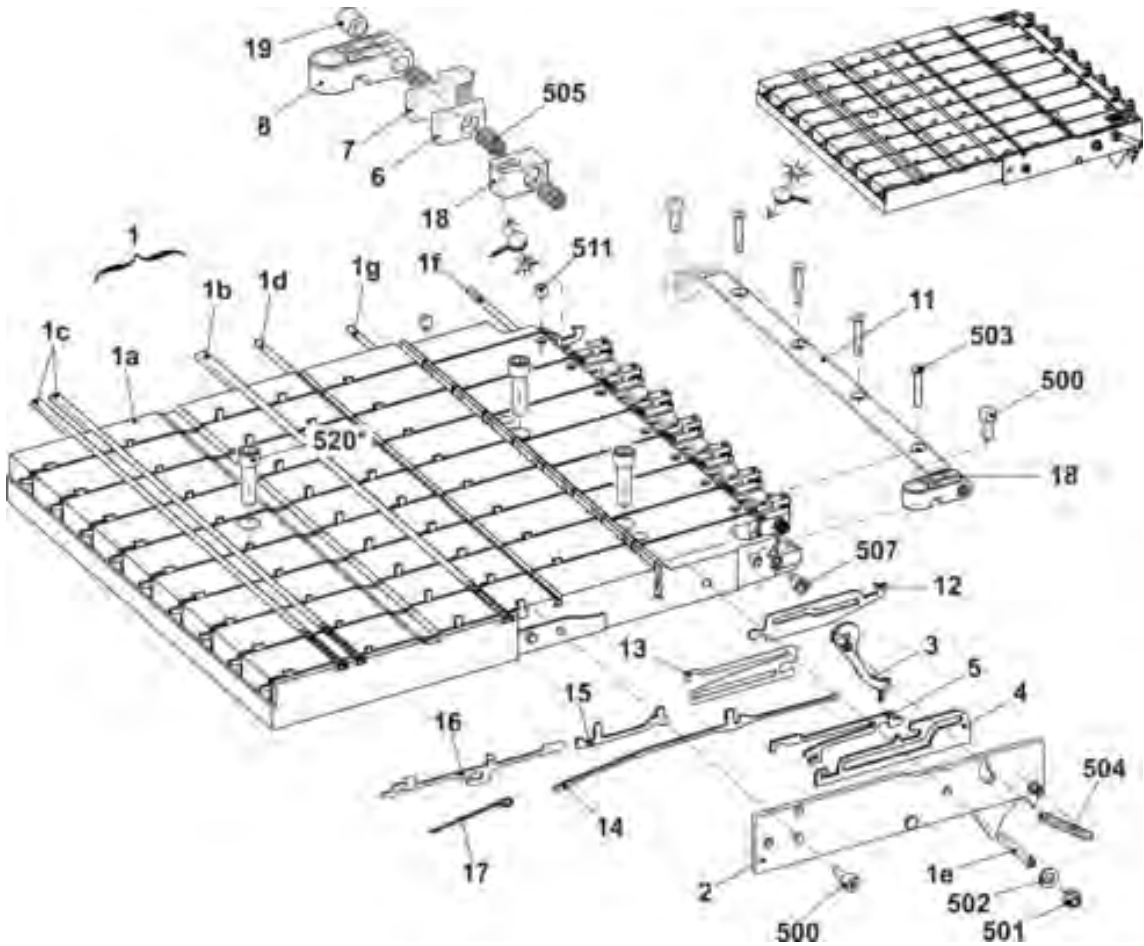
4.11 Cover

Pos	Designation	Id		Pos	Designation	Id
1	Cover	241 922		500	Countersunk screw M8x10	241 930



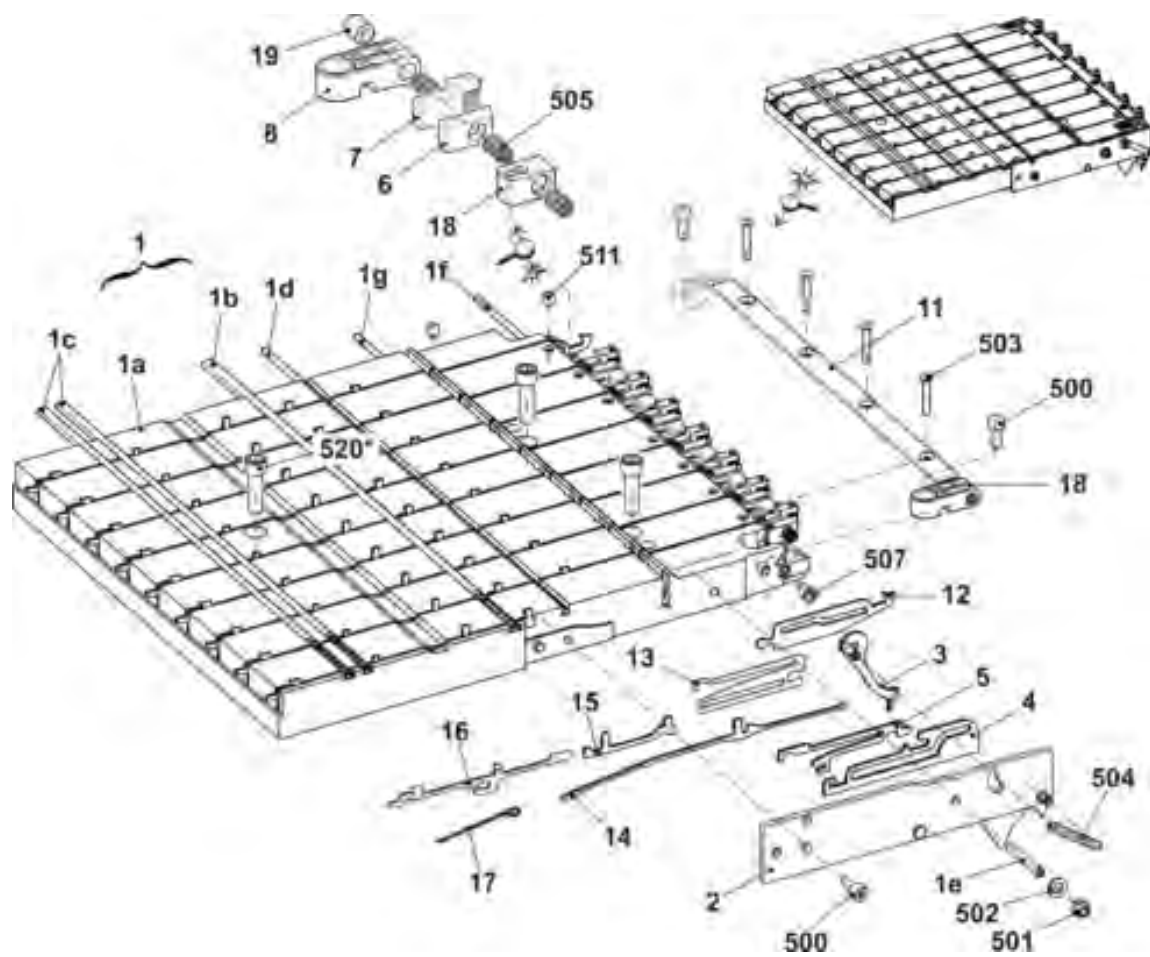
4.12 Left clamping/cutting
E10 | E12 | E14 | E6.2 | E7.2 | E6.2(E12m.10)

Pos	Designation		Id		Pos	Designation	Id
Σ	Left clamping/cutting E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)		253 162				
1	Guide plate on the left E5-14		257 194		11	Holding strip	253 176
	1a	Guide plate on the left E10-14	257 190		12	Tuck needle on the left E5-14	255 813
	1b	Cover rail	253 173		13	Intermediate cam E10-14	244 591
	1c	Cover rail	253 174		14	Coupling part E5-8	253 381
	1d	Fixed wire	253 172		15	Intermediate slider with brake E5-8	255 534
	1e	Guide pin	211 351		16	Selection jack E4-8	200 687
	F 1	Fixed wire	253 171		17	Selector spring E4-8	200 690
	1g	Fixed wire	215 927		18	Spring holder	255 724
	511	Set screw M5x5	236 061		19	Threaded bolt	255 723
2	Cover on the left complete E10-14		251 120		500	Cap screw M4x10	023 136
3	Catch hook on the left E10-18		255 622		501	Hexagon nut M4	023 046
4	Slider E10-14		253 089		502	U-washer 4	020 870
5	Intermediate cam E10-14		253 090		503	Countersunk screw M3x18	242 728
6	Blade		243 948		504	Tension spring 5x0.5x17.4	023 377
7	Clamp on the left complete		244 633		505	Compression spring 07x4.3x12.1	023 521
8	Intermediate piece		255 719		507	Sprung thrust piece	023 403
					520*	Cap screw M6x20	244 824



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

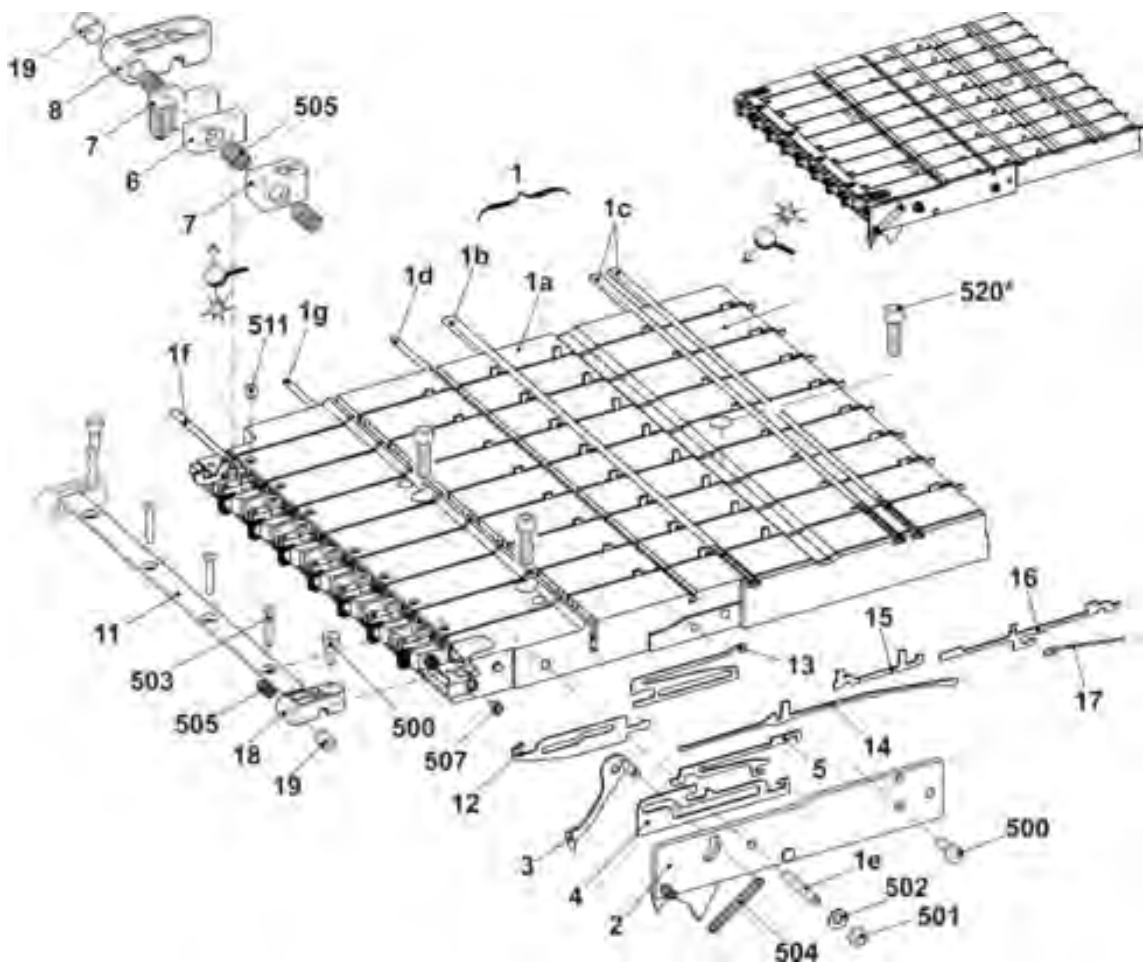
Pos	Designation		Id	Pos	Designation		Id
Σ	Clamping/cutting bed on the left E16-18		253 164	11	Holding strip		253 176
1	Guide plate on the left E16-18		257 196	12	Tuck needle on the left E16-18		255 814
	1a	Guide plate on the left E16-18	257 192	13	Intermediate cam		244 741
	1b	Cover rail	253 173	14	Coupling part E10-12		253 382
	1c	Cover rail	253 174	15	Intermediate slider with brake E10-12		255 535
	1d	Fixed wire	253 172	16	Selection jack E10-12		200 688
	1e	Guide pin	211 351	17	Selector spring E10-12		200 691
	F 1	Fixed wire	253 171	18	Spring holder		255 724
	1g	Fixed wire	215 927	19	Threaded bolt		255 723
	511	Set screw M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the left complete E16-18		242 835	501	Hexagon nut M4		023 046
3	Catch hook on the left E10-18		255 622	502	U-washer 4		020 870
4	Slide E16-18		253 095	503	Countersunk screw M3x18		242 728
5	Intermediate cam (E16-18)		253 096	504	Tension spring 5x0.5x17.4		023 377
6	Blade		243 948	505	Compression spring 07x4.3x12.1		023 521
7	Clamp on the left complete		244 633	507	Sprung thrust piece		023 403
8	Intermediate piece		255 719	520*	Cap screw M6x20		244 824



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

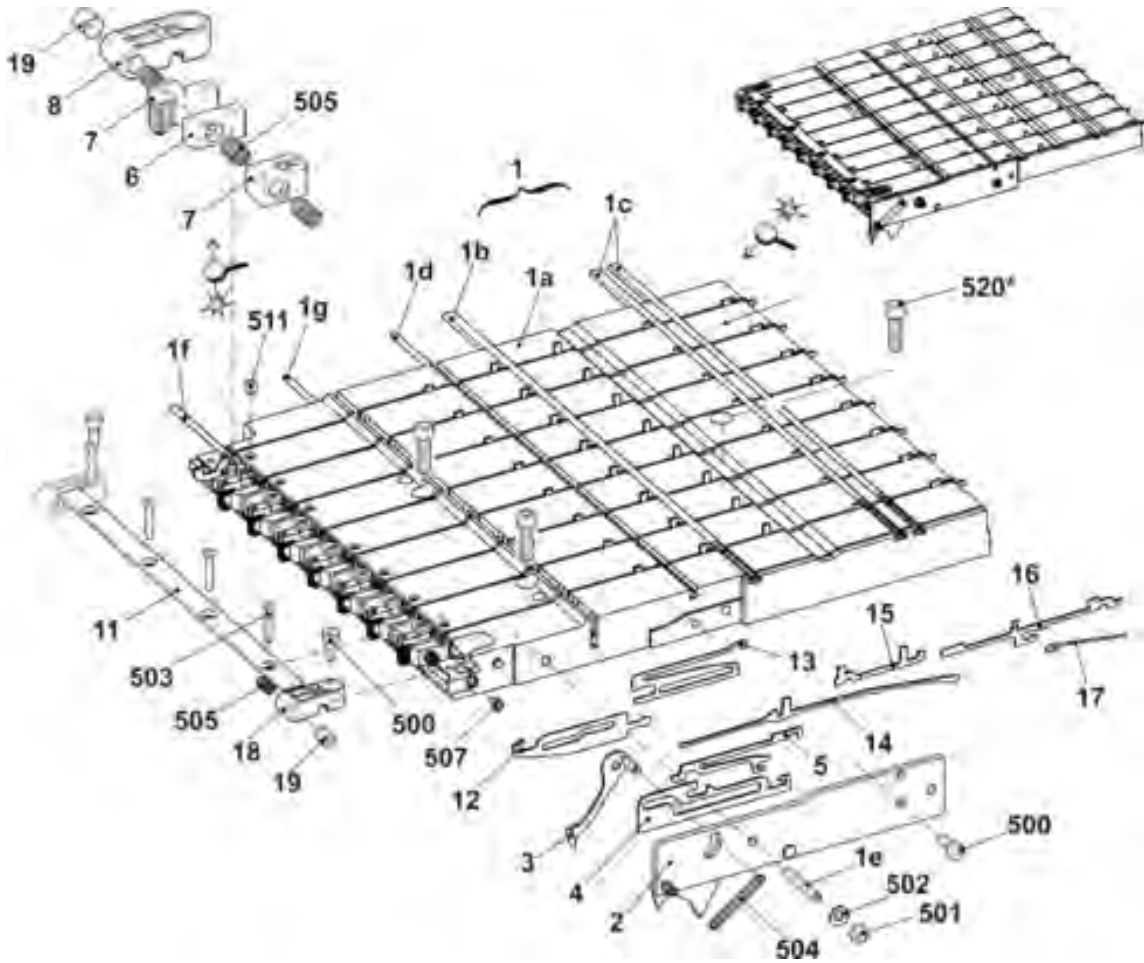
4.14 Right clamping/cutting bed
E10 | E12 | E14 | E6.2 | E7.2 | E6.2(E12m.10)

Pos	Designation		Id	Pos	Designation		Id
Σ	Right clamping/cutting bed E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)		253 161				
1	Guide plate on the right E5-14		257 193	11	Holding strip		253 176
	1a	Guide plate on the right E5-14	257 189	12	Tuck needle on the right E5-14		255 692
	1b	Cover rail	253 173	13	Intermediate cam E10-14		244 591
	1c	Cover rail	253 174	14	Coupling part E5-8		253 381
	1d	Fixed wire	253 172	15	Intermediate slider with brake E5-8		255 534
	1e	Guide pin	211 351	16	Selection jack E4-8		200 687
	F 1	Fixed wire	253 171	17	Selector spring E4-8		200 690
	1g	Fixed wire	215 927	18	Spring holder		255 724
	511	Set screw M5x5	236 061	19	Threaded bolt		255 723
2	Cover on the right complete E10-14		251 119	500	Cap screw M4x10		023 136
3	Catch hook on the right E10-18		255 620	501	Hexagon nut M4		023 046
4	Slider E10-14		253 089	502	U-washer 4		020 870
5	Intermediate cam E10-14		253 090	503	Countersunk screw M3x18		242 728
6	Blade		243 948	504	Tension spring 5x0.5x17.4		023 377
7	Clamp on the right complete		244 602	505	Compression spring 07x4.3x12.1		023 521
8	Intermediate piece		255 719	507	Sprung thrust piece		023 403
				520*	Cap screw M6x20		244 824



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

Pos	Designation		Id	Pos	Designation		Id
Σ	Clamping/cutting bed E16-18 on the right		253 163	11	Holding strip		253 176
1	Guide plate on the right E16-18		257 195	12	Tuck needle on the right E16-18		255 693
	1a	Guide plate on the right E16-18	257 191	13	Intermediate cam		244 741
	1b	Cover rail	253 173	14	Coupling part E10-12		253 382
	1c	Cover rail	253 174	15	Intermediate slider with brake E10-12		255 535
	1d	Fixed wire	253 172	16	Selection jack E10-12		200 688
	1e	Guide pin	211 351	17	Selector spring E10-12		200 691
	F 1	Fixed wire	253 171	18	Spring holder		255 724
	1g	Fixed wire	215 927	19	Threaded bolt		255 723
	511	Set screw M5x5	236 061	500	Cap screw M4x10		023 136
2	Cover on the right complete E16-18		242 836	501	Hexagon nut M4		023 046
3	Catch hook on the right E10-18		255 620	502	U-washer 4		020 870
4	Slide E16-18		253 095	503	Countersunk screw M3x18		242 728
5	Intermediate cam (E16-18)		253 096	504	Tension spring 5x0.5x17.4		023 377
6	Blade		243 948	505	Compression spring 07x4.3x12.1		023 521
7	Clamp on the right complete		244 602	507	Spring thrust piece		023 403
8	Intermediate piece		255 719	520*	Cap screw M6x20		244 824



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

Notes:

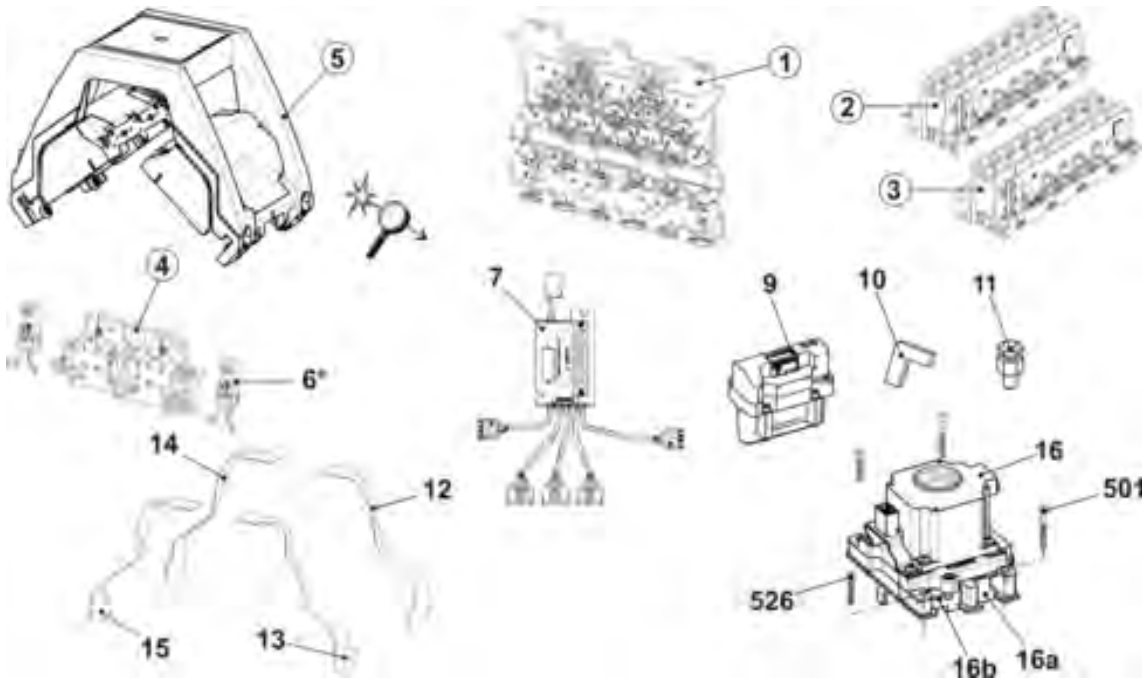
5 Carriage



5.1 Overview of carriage

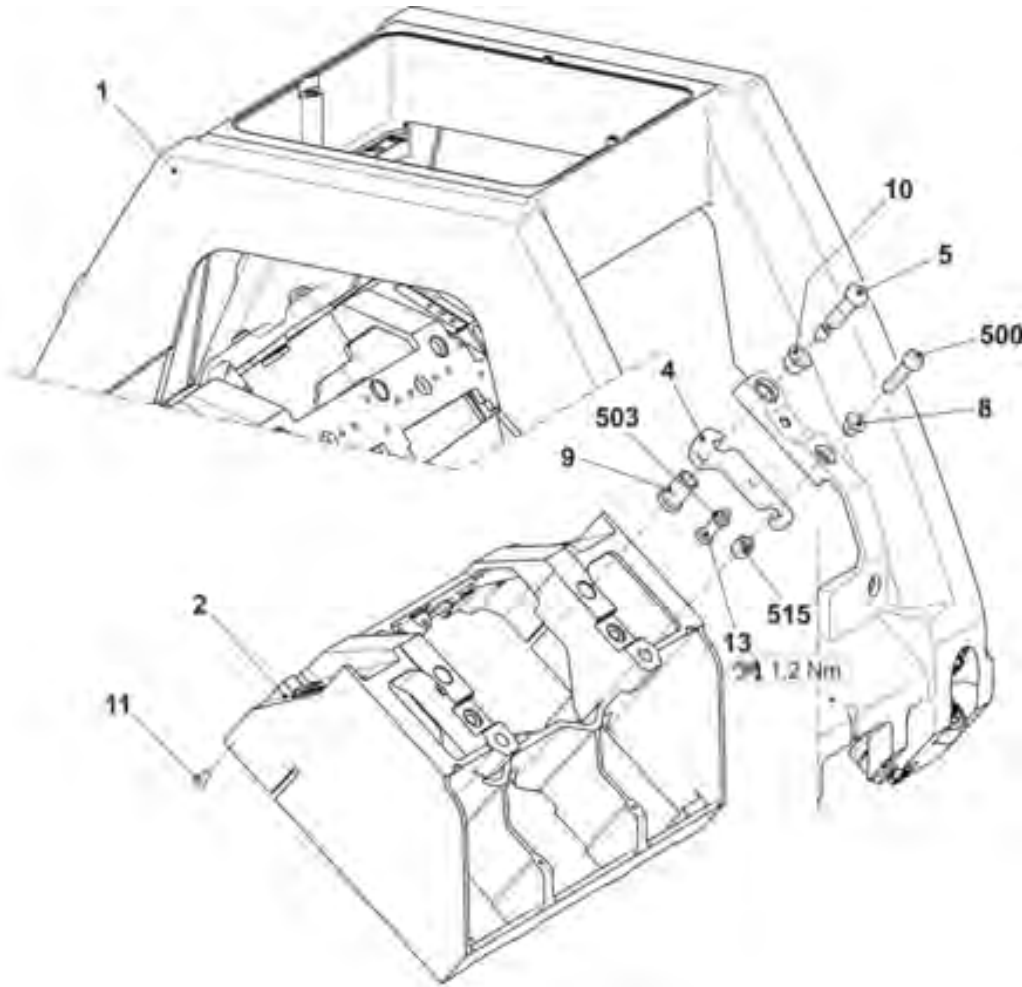
5.1 Overview of carriage

Pos	Designation	Id	Pos	Designation	Id
Σ	Carriage complete		4	Holding-down jack control complete	
	E10	256 484		E10	256 306
	E12	256 485		E12 E14 E6.2 E6.2(12m.10)	256 307
	E14	256 486		E16 E18	256 308
	E16 E18	253 329		E7.2	256 309
	E6.2(12m.10)	256 488		E8.2	256 310
	E6.2	255 770	5	Carriage assembly complete	253 302
	E7.2	256 490	6*	Sinker opener complete	256 623
	E8.2	257 038	7	Distributor	255 695
1	Cam box (set) complete		9	Selection system complete	
	E10	256 807		E10 E12 E6.2 E6.2(12m.10)	216 219
	E12	256 808		E14 E7.2	229 300
	E14	256 809		E16 E18	220 114
	E16 E18	253 305	10	Wiper (felt)	241 411
	E6.2(12m.10)	256 810	11	Bolts	212 392
	E6.2	255 771	12	Guide plate at the rear on the left	255 436
	E7.2	256 811	13	Guide plate at the rear on the right	255 437
	E8.2	257 037	14	Cover plate on the left	250 274
2	FF driving outside complete	245 297	15	Cover plate on the right	250 275
3	FF driving in the middle complete	245 298	16	Motor unit complete (ATM)	251 827
501	Cap screw M4x35	023 550	16a	Gear rack at the top complete	291 817
526	Cap screw M4x20	023 171	16b	Gear rack at the bottom complete	291 818



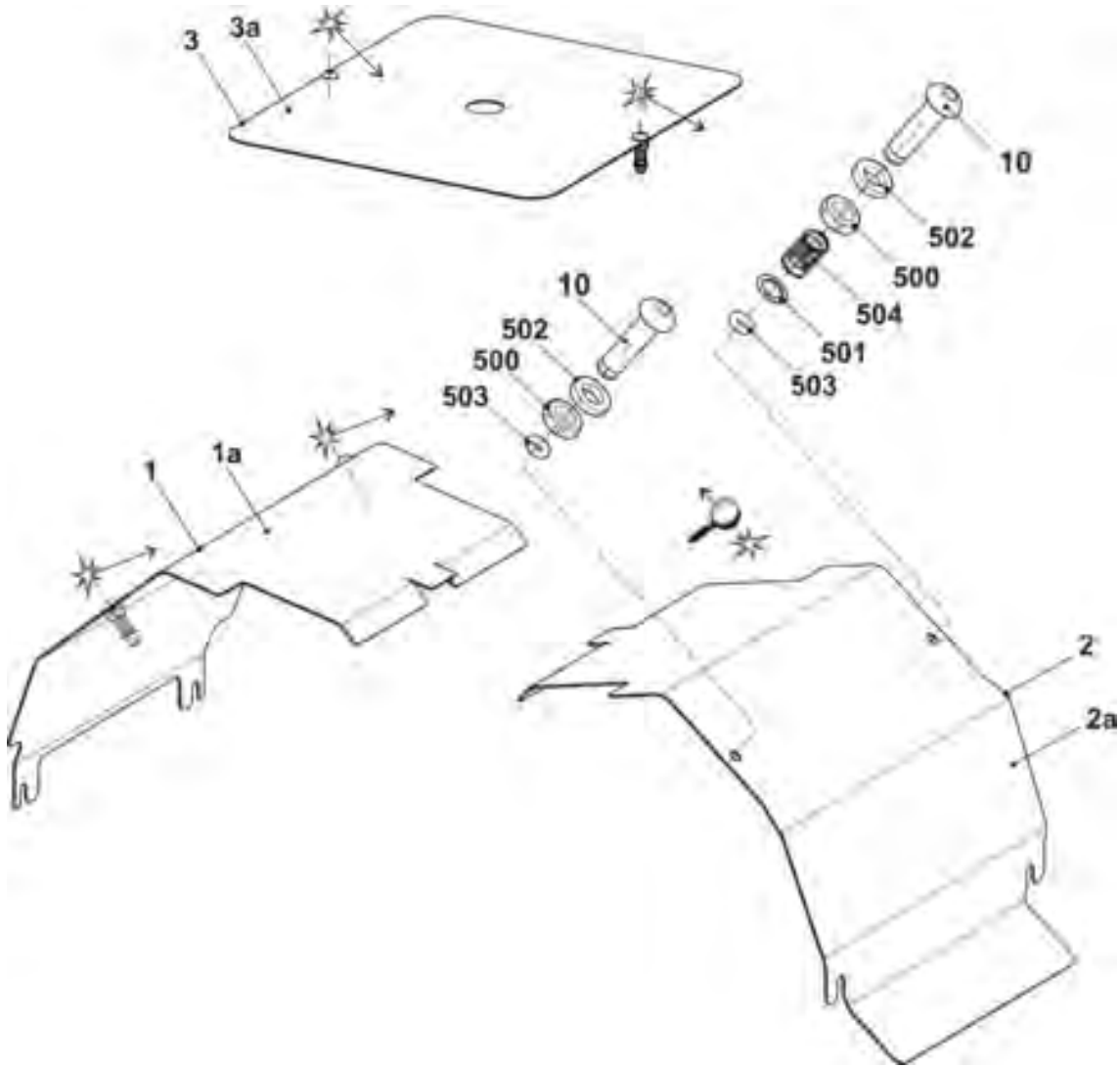
5.2 Carriage

Pos	Designation	Id		Pos	Designation	Id
Σ	Carriage assembly 2 cam boxes	253 302				
1	Carriage frame, 2 cam boxes	253 274		10	Bush	209 274
2	Carriage part, 2 cam boxes	253 116		11	Eccentric	222 983
5	Dowel screw	211 750		13	Locating bolt linking spot	244 179
4	Shim	225 312		500	Cap screw M8x30	020 143
8	Bush	207 546		503	Circlip 6	021 022
9	Bush	209 275		515	Threaded bushing	041 863



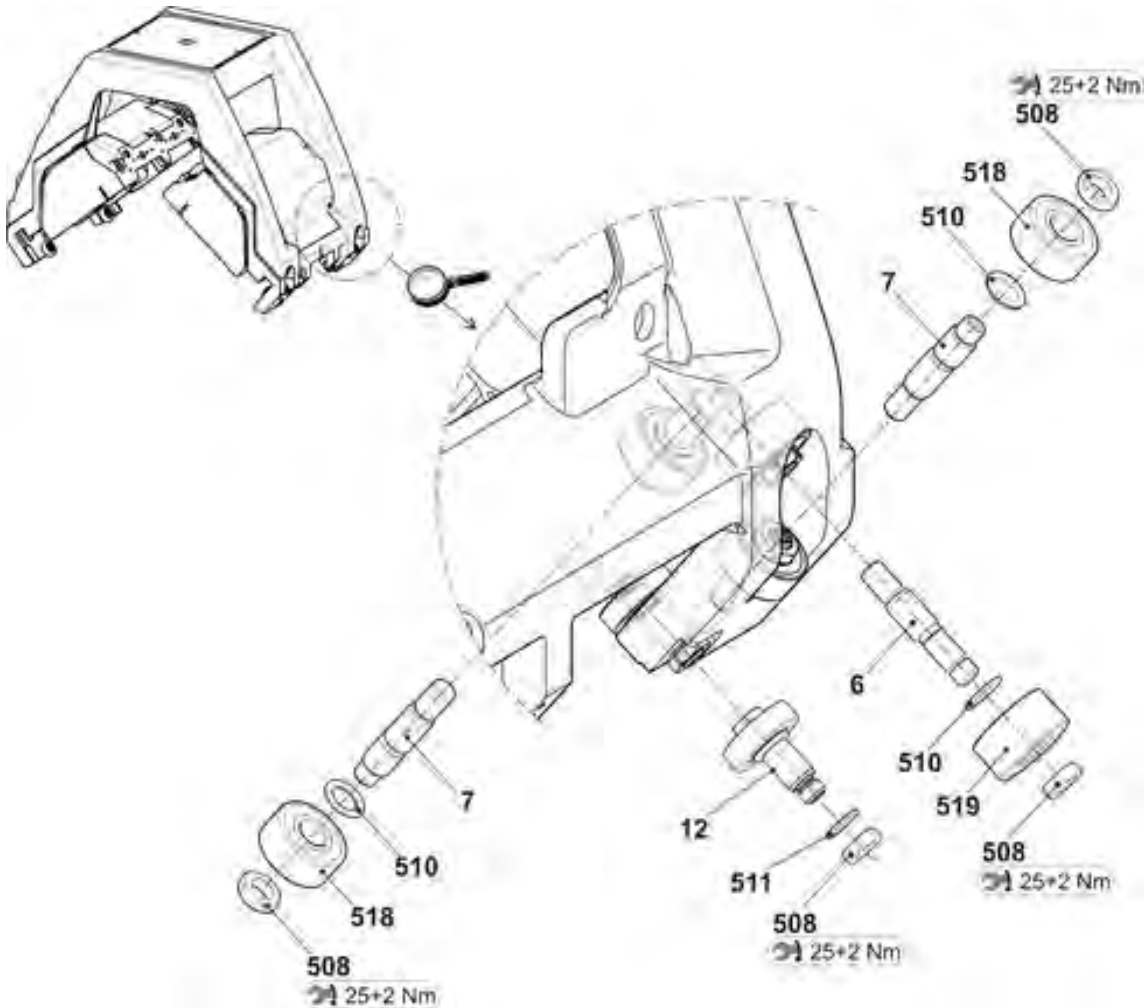
5.3 Carriage cover

Pos	Designation		Id		Pos	Designation		Id
1	Carriage cover at the rear complete		257 174		1a	Carriage cover at the rear		253 318
2	Carriage cover at the front complete		257 174		2a	Carriage cover at the front		253 318
3	Carriage cover at the top complete		257 102		3a	Carriage cover at the top		253 317
	10	Locating bolt	242 382		502	Serrated lock washer J6.4		022 385
	500	Hexagon nut M6	257 088		503	O-ring 3x2		242 420
	501	U-washer 6.1x9x0.5	023 554		504	Compression spring 0.48x7.02x17.29		023 654



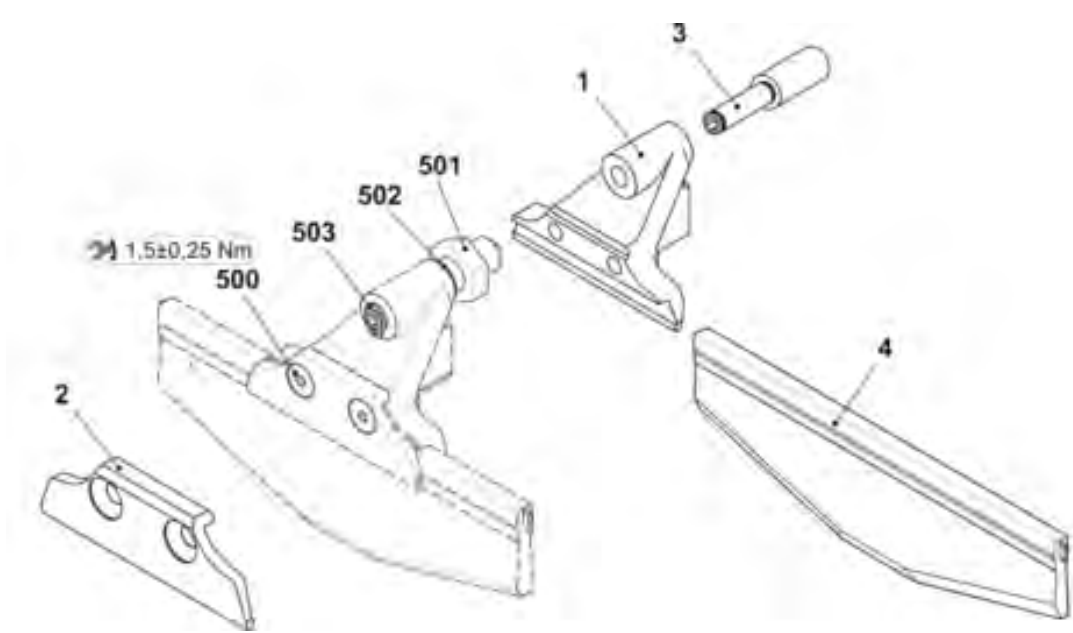
5.4 Carriage guide

Pos	Designation	Id		Pos	Designation	Id
6	Bearing bolt eccentric 0.5	242 060		510	Shim ring 12x18x1	023 315
7	Bearing bolt eccentric 0.5	240 624		511	Adjusting washer 10x16x1	023 260
12	Bolt pre-assembled	244 283		518	Grooved ball bearing 62201-2RS	241 408
508	Nut M10	023 316		519	Grooved ball bearing 62300-2RS1	242 070



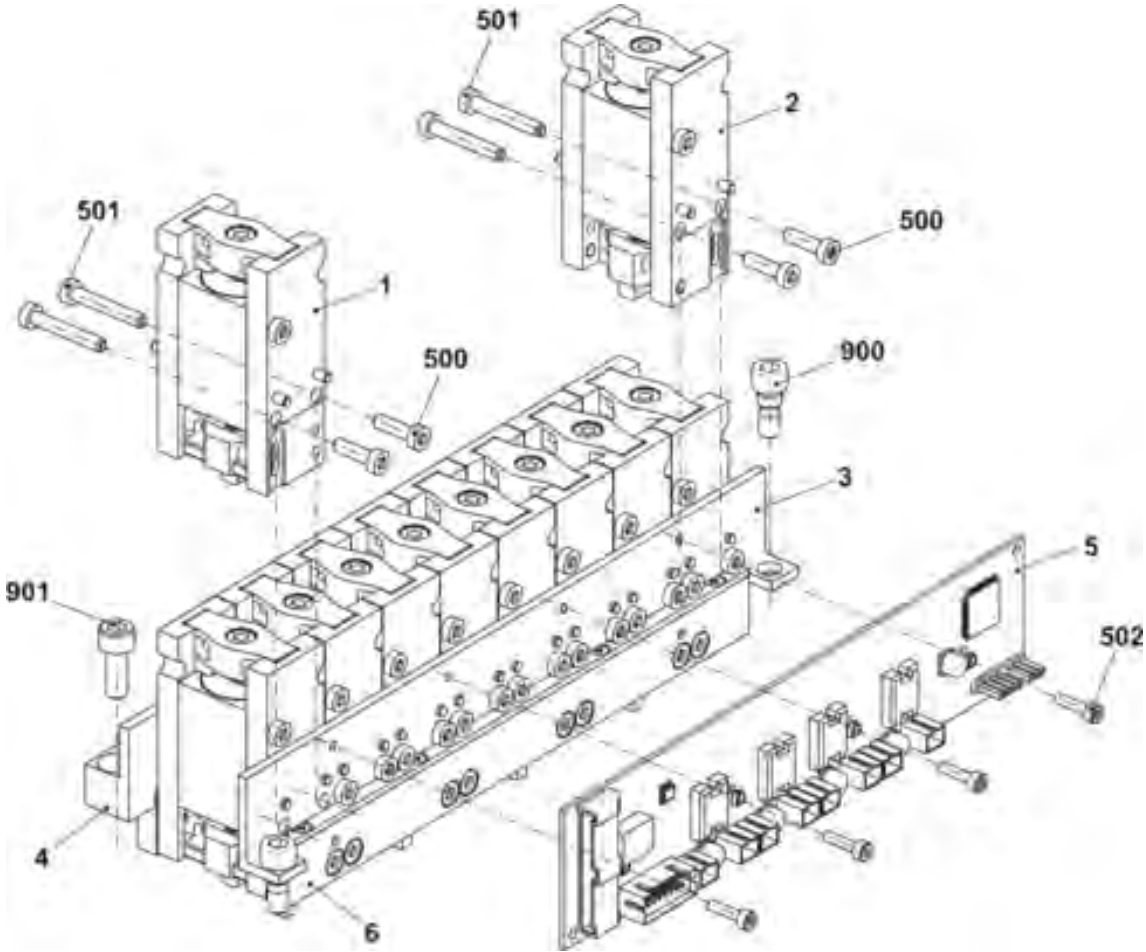
5.5 Brush holder

Pos	Designation	Id		Pos	Designation	Id
Σ	Brush holder complete			4	Brush	
	E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	252 749			E10 E12 E14 E6.2 E7.2 E6.2(E12m.10)	243 074
	E16 E18 E8.2	213 710			E16 E18 E8.2	203 254
1	Brush holder	213 009		500	Countersunk head screw M4x12	023 062
2	Brush clamp	213 010		501	Hexagon nut M8x5	023 750
3	Threaded rod	209 740		502	Adjusting washer 5x10x0.5	023 348
				503	Locking ring 68x2.5	023 347



5.6 Yarn carrier driving without guiding part

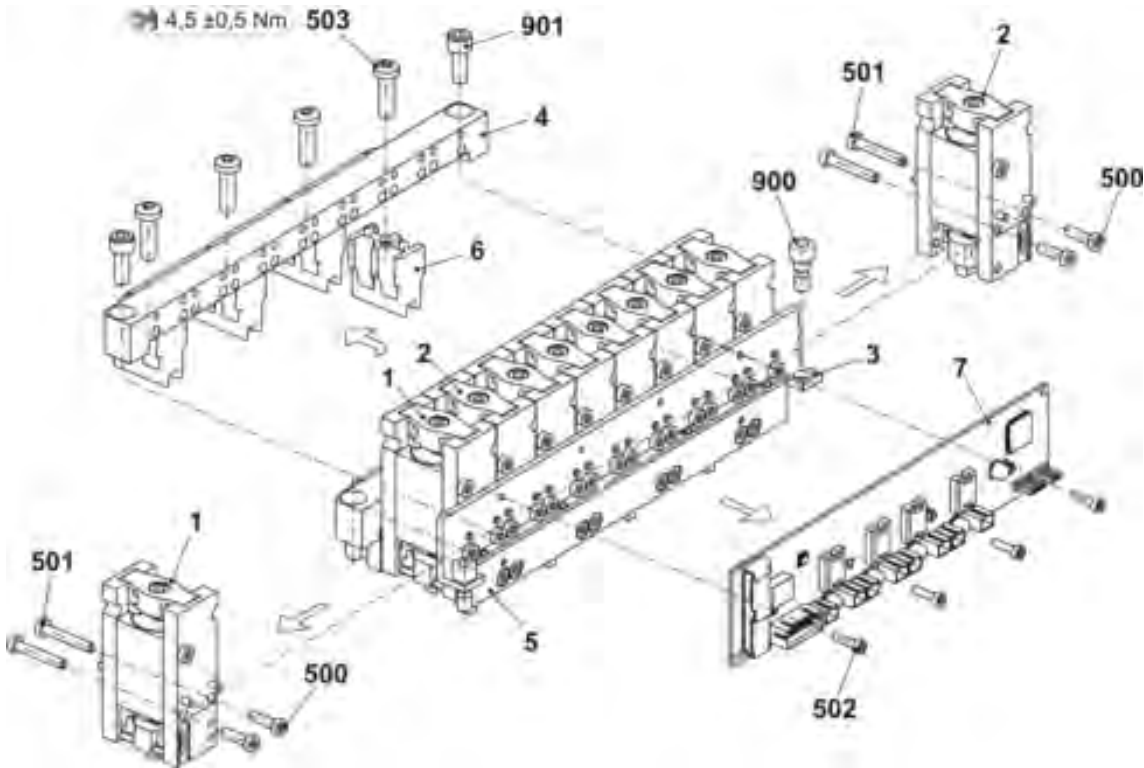
Pos	Designation	Id		Pos	Designation	Id
Σ	YC driving outside complete	245 297		6	Switch mechanism	251 137
1	Yarn carrier plunger on the right complete	243 080		500	Cap screw M4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118		501	Cap screw M4x25-I-Torx	245 305
3	Support angle for jack	245 313		502	Cap screw M3x12-12.9	022 648
4	Mounting block outside	245 294		900	Shoulder screw	231 899
5	Card yarn carrier final stages	300 960		901	Cap screw M6x16	020 135



5.7 Yarn carrier driving with guiding part

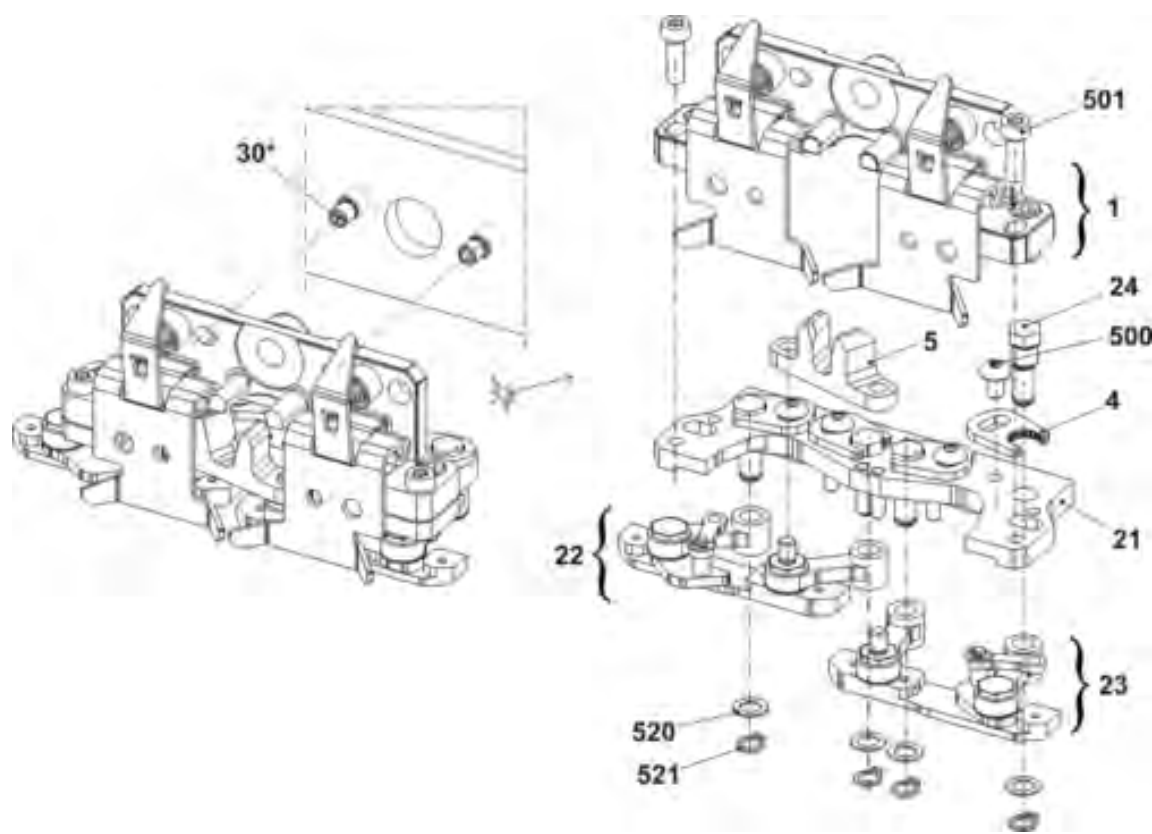
5.7 Yarn carrier driving with guiding part

Pos	Designation	Id		Pos	Designation	Id
Σ	YC driving in the middle complete	245 298		7	Card yarn carrier final stages	300 960
1	Yarn carrier plunger on the right complete	243 080		500	Cap screw M4x14-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 KB 60x20	243 625
5	Switch mechanism	251 137		900	Shoulder screw	231 899
6	Guiding part	239 972		901	Cap screw M6x16	020 135



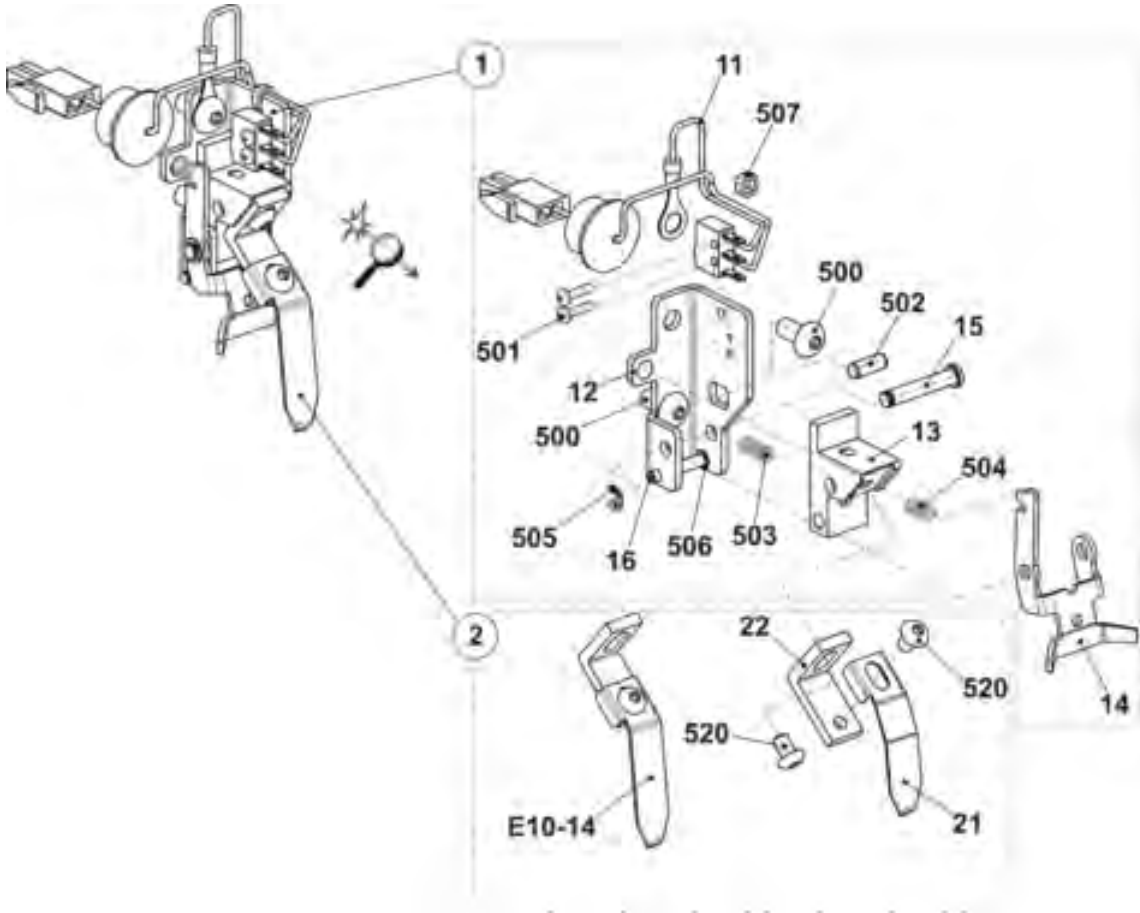
5.8 Holding-down jack control

Pos	Designation	Id		Pos	Designation	Id
Σ	Holding-down jack control complete					
	E10	256 306		22	E7.2	256 394
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 307			E8.2	256 395
	E16 E18	256 308		23	Slider on the left complete	
	E7.2	256 309			E10	256 396
	E8.2	256 310			E12 E14 E6.2 E6.2(12m.10) E14/12	256 397
1	Assembly plate complete	256 311			E16 E18	256 398
4	Adjusting plate	256 388			E7.2	256 399
5	Plunger	256 059			E8.2	256 400
21	Base plate	256 064		24	Bolt	209 722
22	Slider on the right complete			500	Countersunk screw M4x6	023 427
	E10	251 540		501	Cap screw M4x12	241 859
	E12 E14 E6.2 E6.2(12m.10) E14/12	256 392		520	Adjusting washer 5x10x0.5	256 371
	E16 E18	256 393		521	Locking ring 5x0.6	023 347



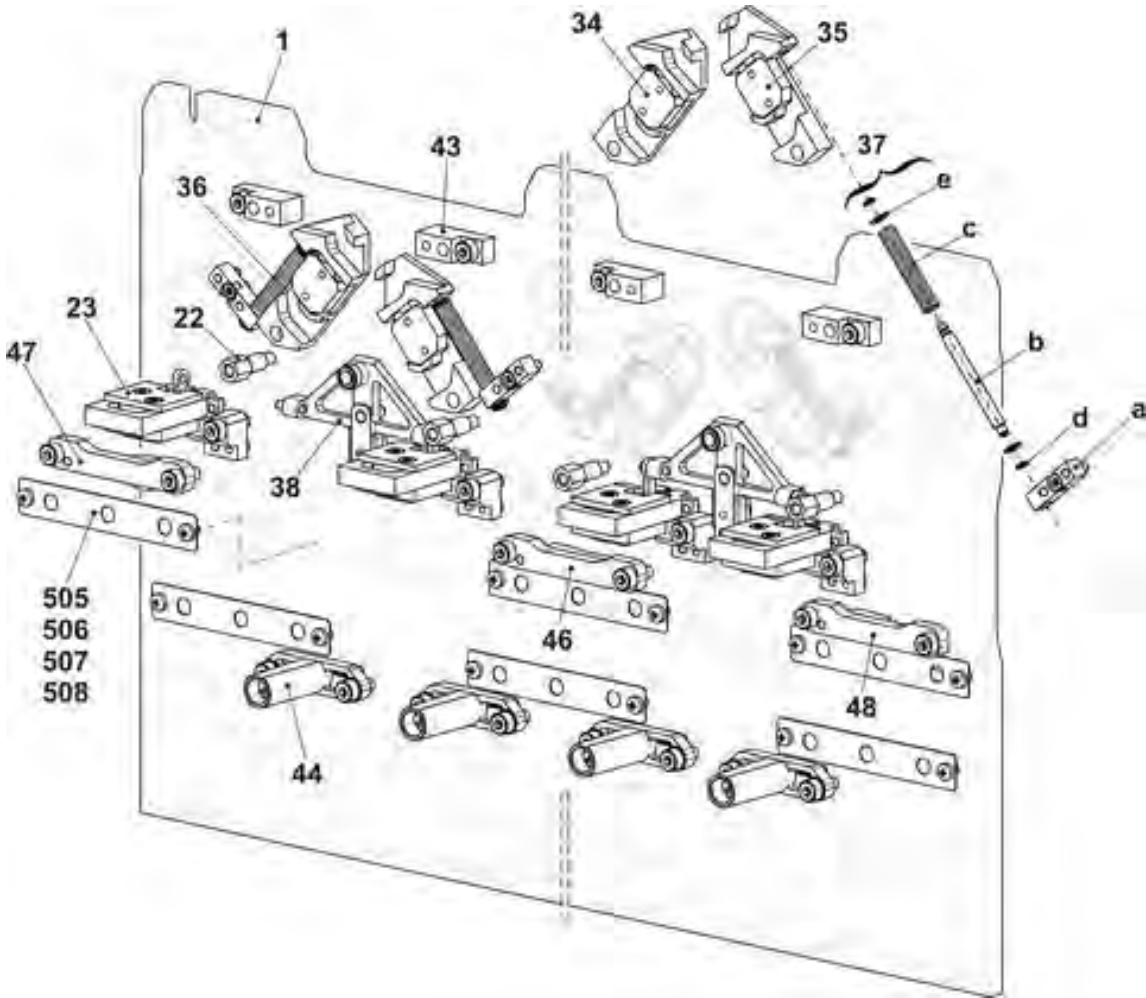
5.9 Needle detector

Pos	Designation		Id		Pos	Designation		Id
Σ	Needle detector E10 E12 E14 E16 E18 E6.2 E7.2 E8.2 E6.2(12m.10)							
1	Needle detector pre-assembled		256 475		504	Compression spring 0.4x4x11.2		256 952
	11	Cable of needle detector complete	221 207		505	Circlip		021 018
	12	Retainer	256 476		506	Circlip		023 565
	13	Switch rocker	256 477		507	Cable tape 92x2,4		008 378
	14	Set-out plate	256 094		2	Sensor pre-assembled E10 E12 E14 E6.2 E8.2 E6.2(12m.10)		256 454
	15	Bolts	256 492			21	Sensor E10 E12 E14	255 758
	16	Stop bolt	256 493			22	Angle	255 757
	500	Countersunk screw M5x10	023 247			520	Countersunk screw M4x6	023 427
	501	Countersunk screw M2x8	258 310		2	Sensor pre-assembled E16 E18 E8.2		256 784
	502	Dowel pin 4x10-A-St	023 753			21	Sensor E16 E18 E8.2	255 759
	503	Compression spring 4.3x0.45x10	021 398			22	Angle	255 757
						520	Countersunk screw M4x6	023 427



5.10 Cam box E10

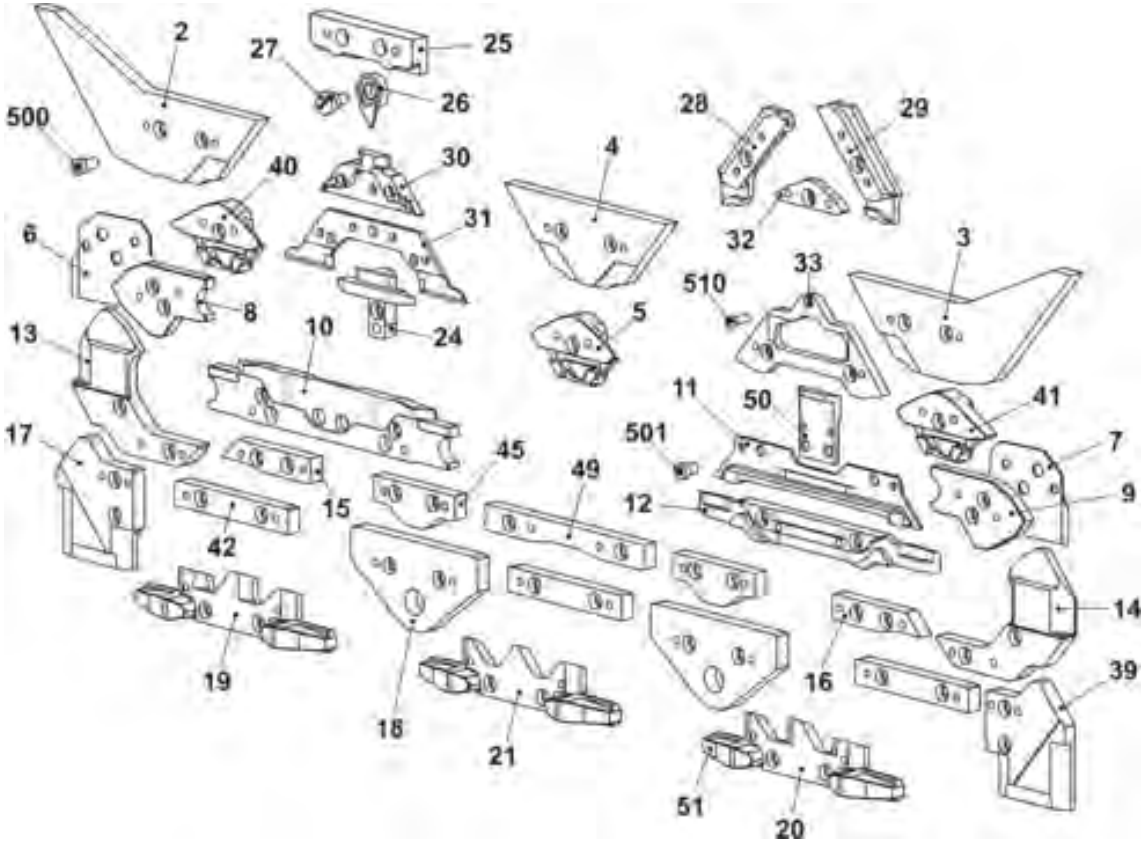
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E10	256 807			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E10	254 246	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E10	254 247	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.10 Cam box E10

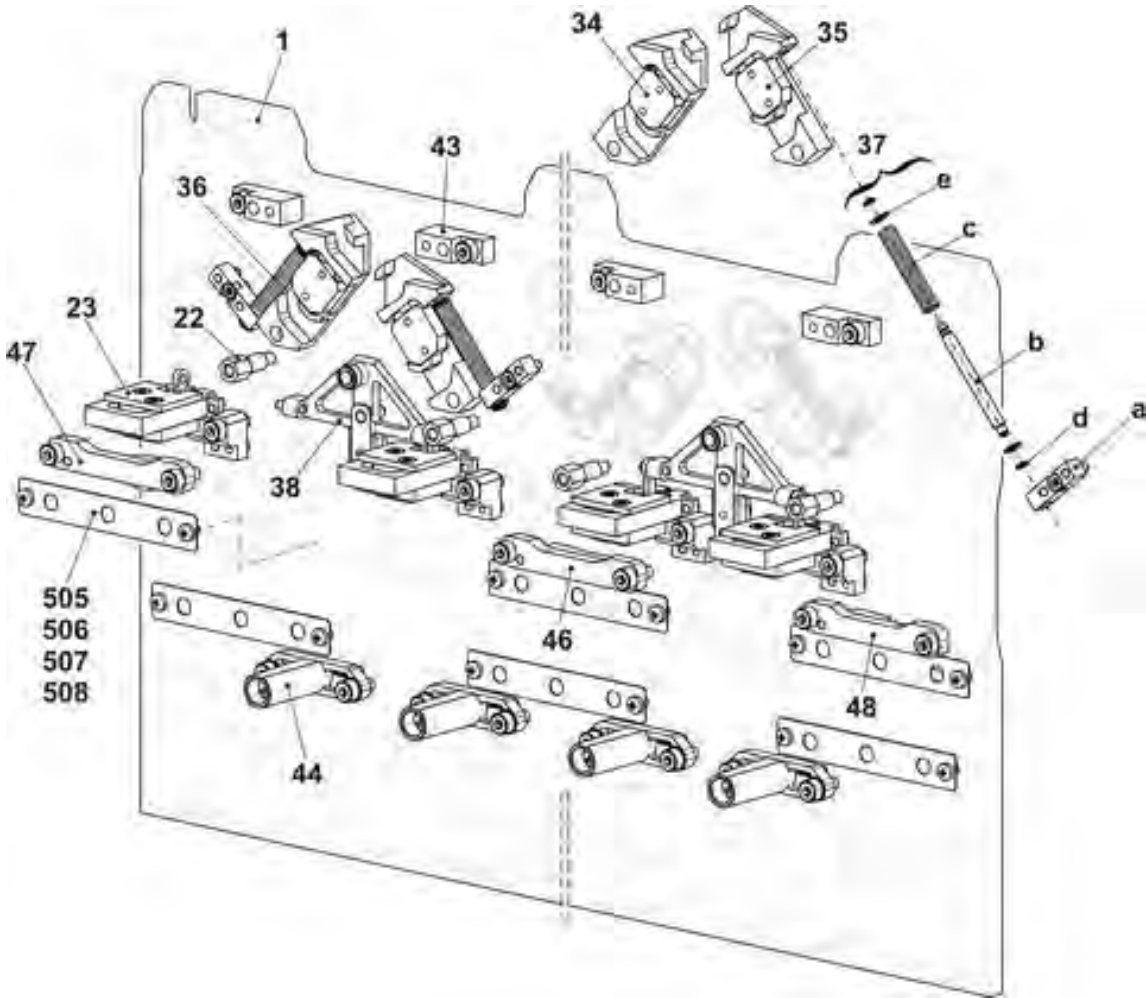
5.10.1 Cams E10

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E10 E7.2	251 993
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E10-14 E7.2	254 331
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E10-14 E7.2	254 332
7	Plate on the right E10-18	255 390		30	Tuck limit cam E10 E7.2	254 295
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E10 E12	251 997
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E10 E12	254 334
11	Cam guide E10-18	255 525			Knitting raising cam with split E10 E12	254 335
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.11 Cam box E12

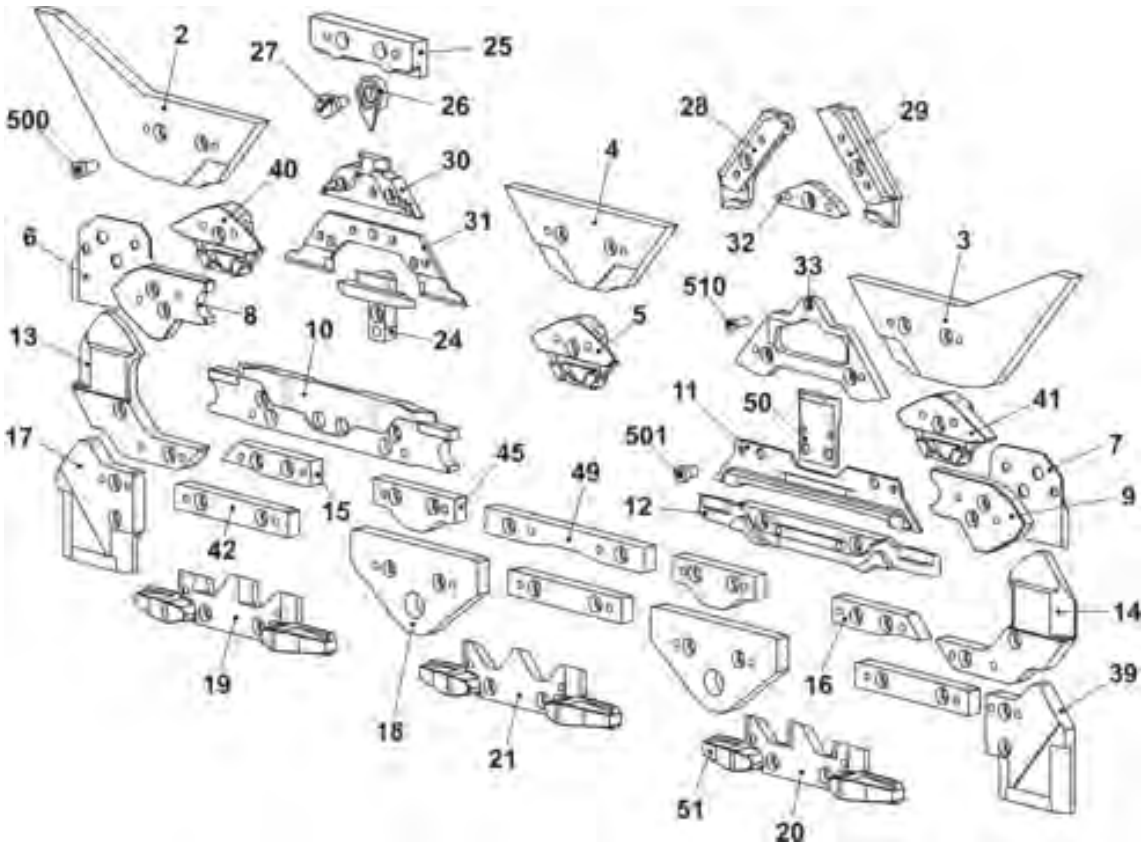
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E12	256 808			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E12-14	254 248	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E12-14	254 249	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.11 Cam box E12

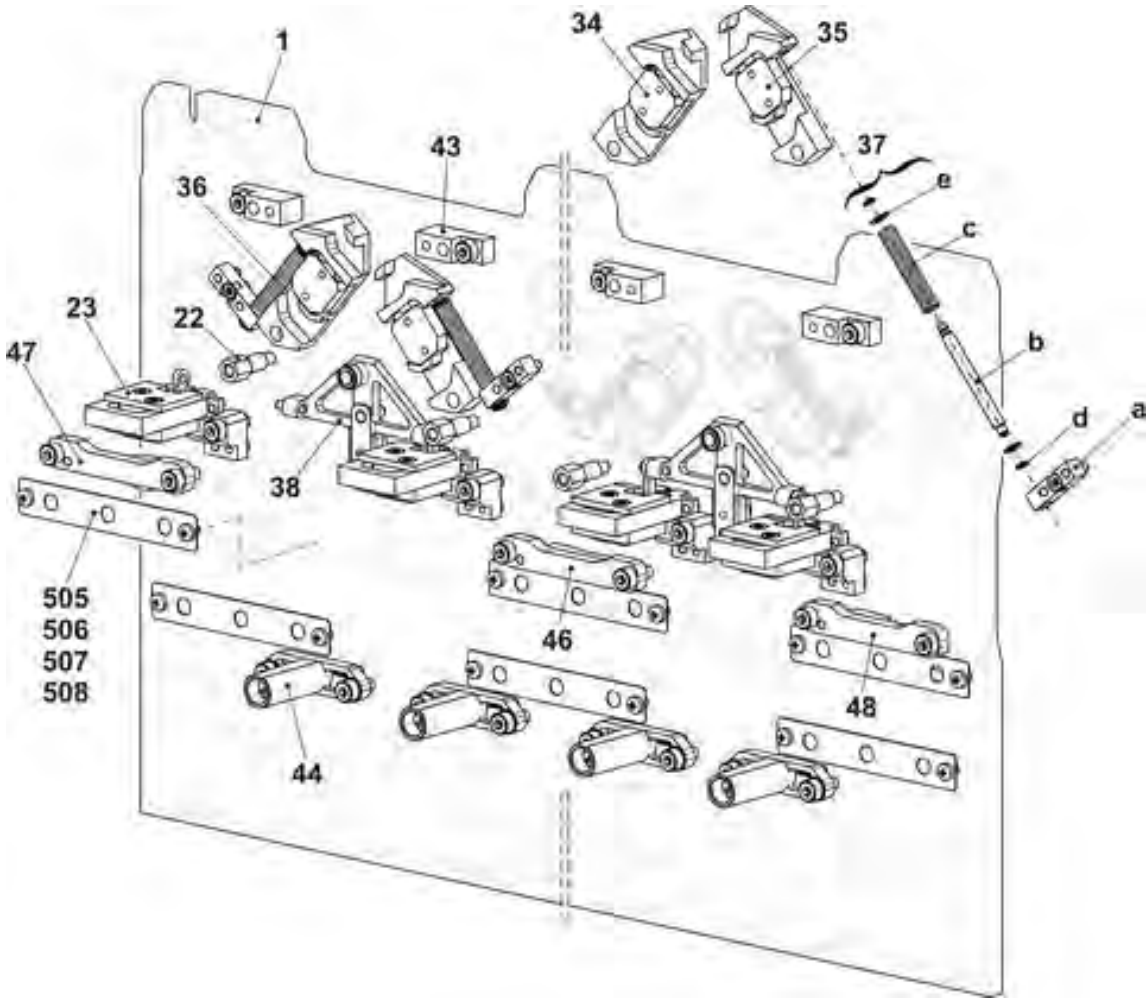
5.11.1 Cams E12

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E12-14	252 522
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E10-14 E7.2	254 331
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E10-14 E7.2	254 332
7	Plate on the right E10-18	255 390		30	Tuck limit cam E12-14	254 298
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E10 E12	251 997
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E10 E12	254 334
11	Cam guide E10-18	255 525			Knitting raising cam with split E10 E12	254 335
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.12 Cam box E14

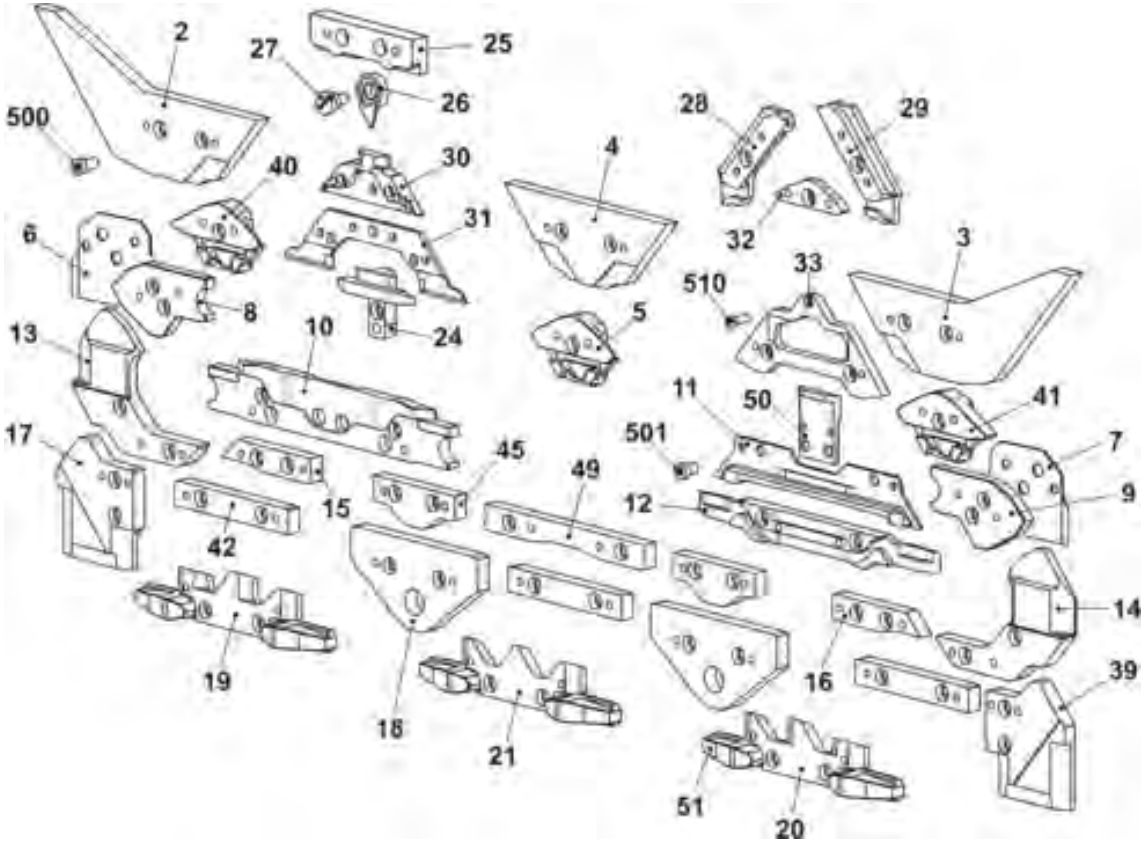
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E14	256 809			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E12-14	254 248	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E12-14	254 249	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.12 Cam box E14

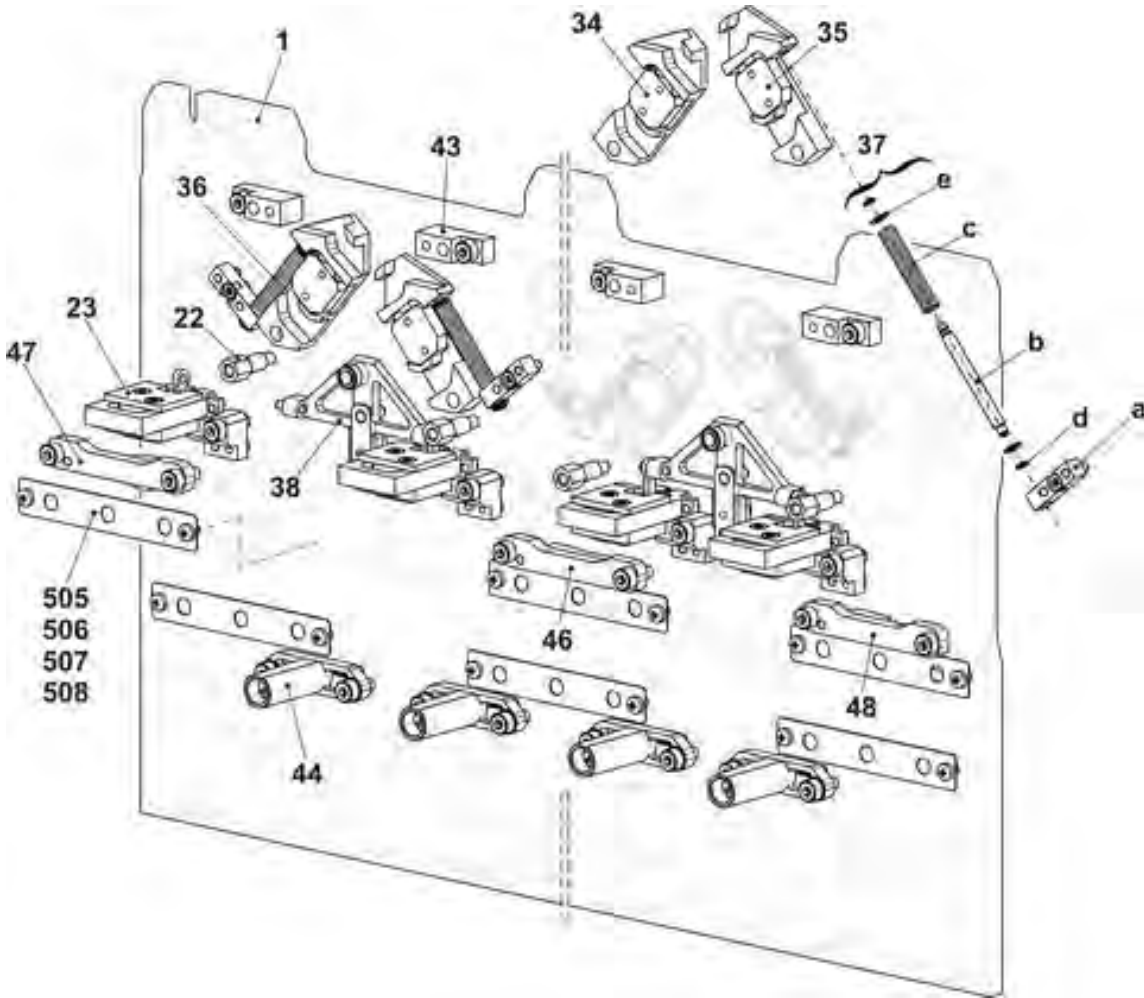
5.12.1 Cams E14

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E12 E14	252 522
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E10-14 E7.2	254 331
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E10-14 E7.2	254 332
7	Plate on the right E10-18	255 390		30	Tuck limit cam E12 E14	254 298
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E14	252 607
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E14	254 336
11	Cam guide E10-18	255 525			Knitting raising cam with split E14	254 337
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.13 Cam box E16|E18

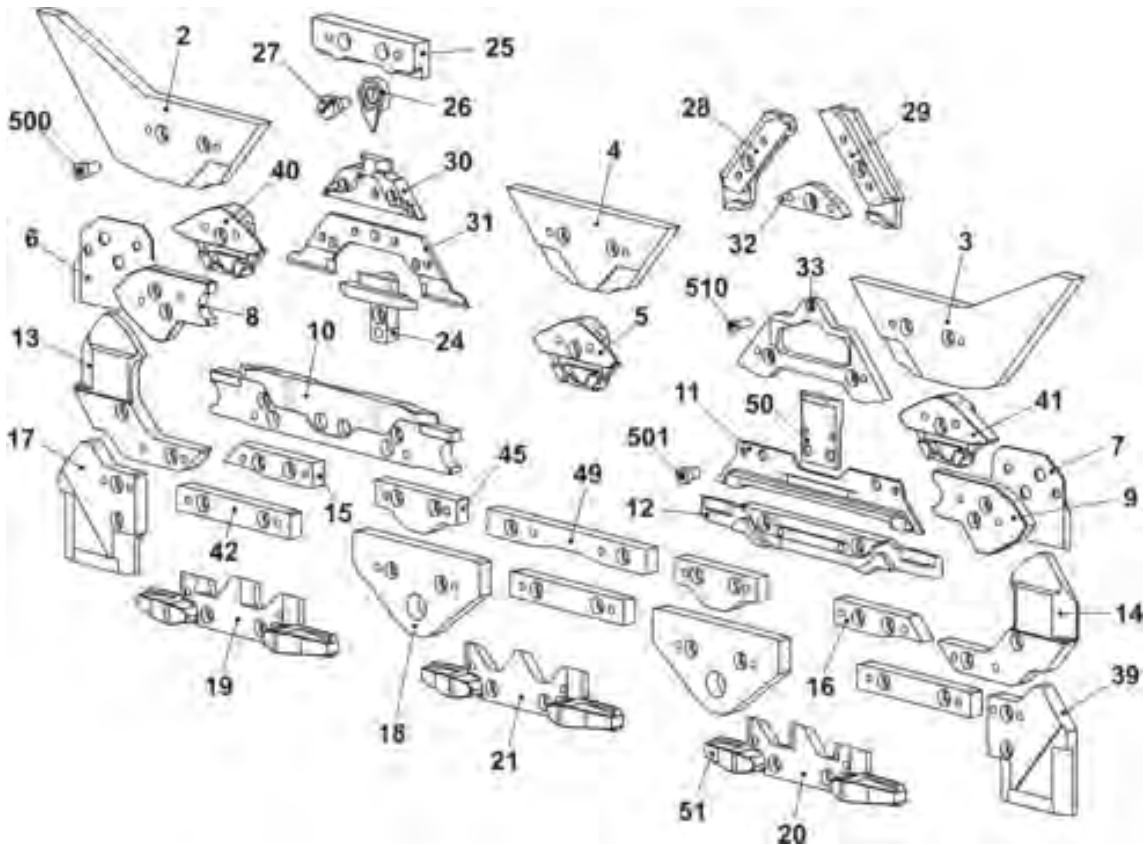
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E16 E18	253 305			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E16-18	251 965	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E16-18	251 966	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.13 Cam box E16|E18

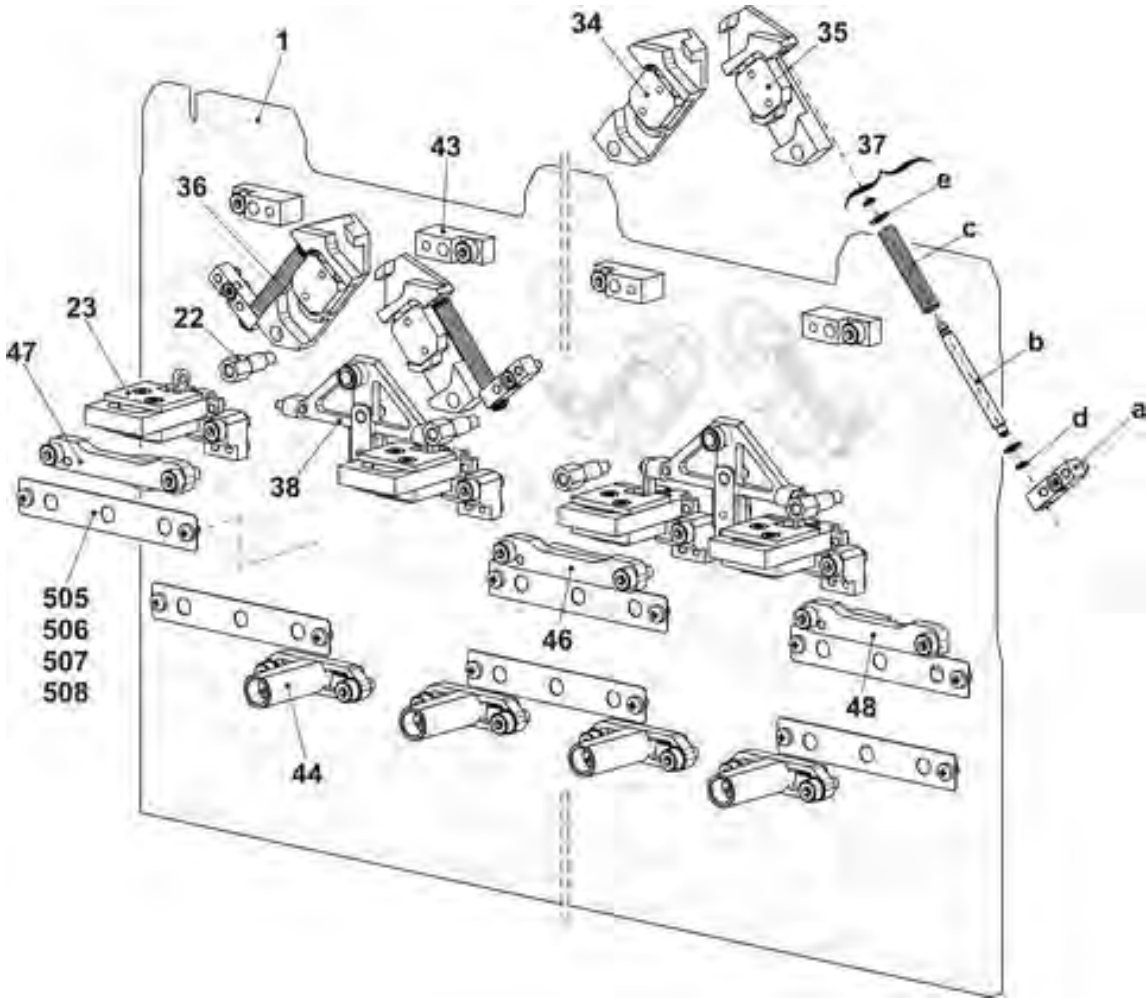
5.13.1 Cams E14|E14/12

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E16 E18	252 646
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E5-8	252 656
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E16 E18 E8.2	255 027		28	Stitch cam on the left E16 E18 E8.2	254 338
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E16 E18 E8.2	254 339
7	Plate on the right E10-18	255 390		30	Tuck limit cam E16 E18	254 299
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E16 E18	252 654
10	Pressure strip E16-18	256 681		33	Knitting raising cam without split E16 E18	254 340
11	Cam guide E10-18	255 525			Knitting raising cam with split E16 E18	254 341
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E16 E18 E8.2	255 028
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E16 E18 E8.2	255 029
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.14 Cam box E6.2

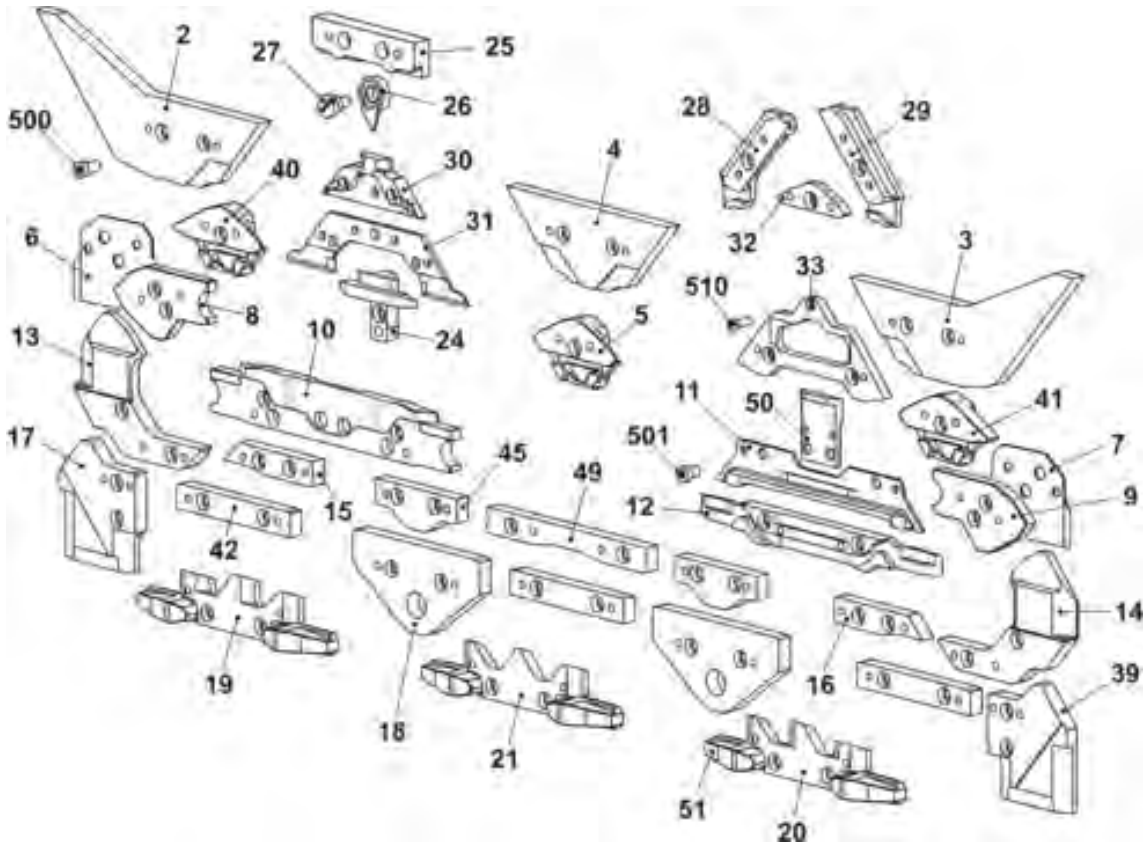
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E6.2	255 771			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E12-14	254 248	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E12-14	254 249	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.14 Cam box E6.2

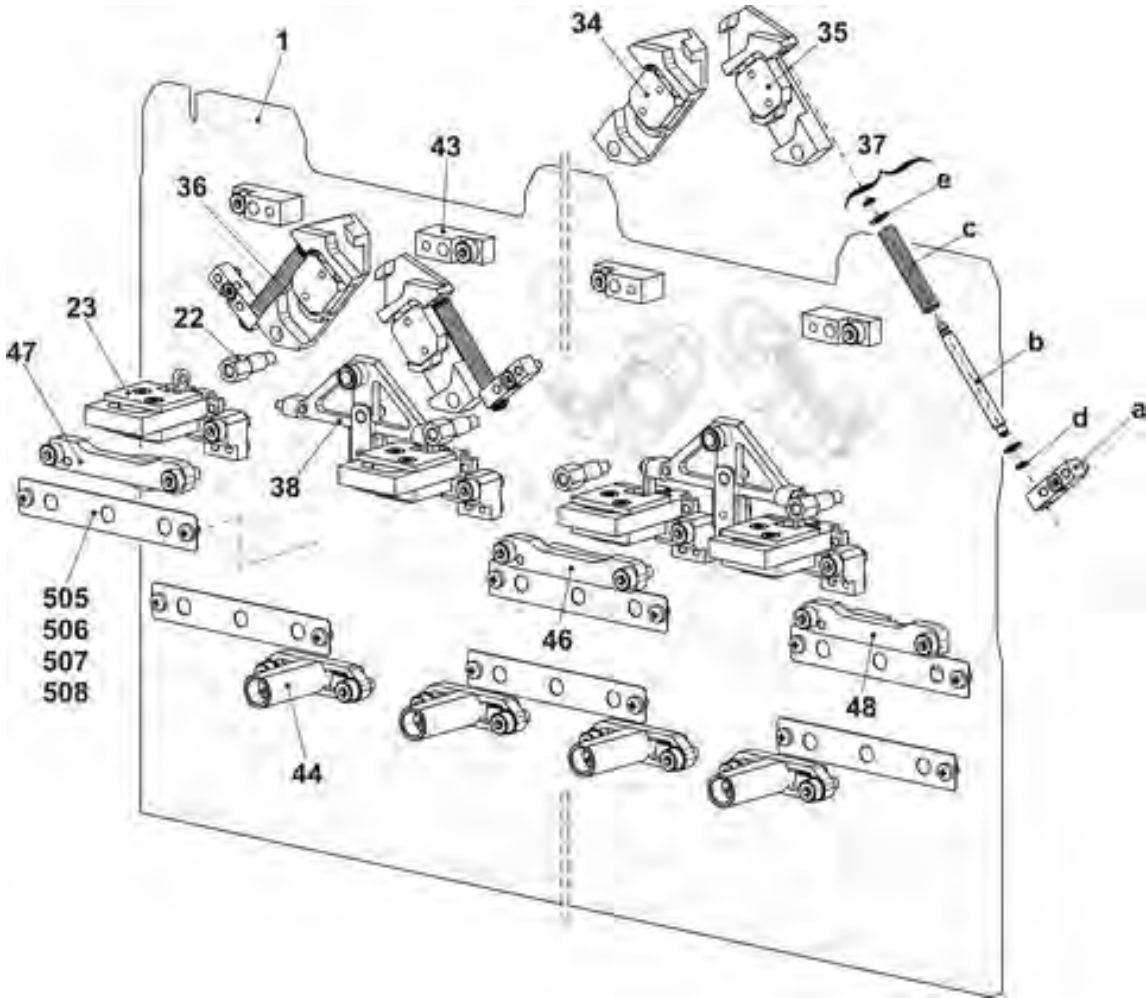
5.14.1 Cams E6.2

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E6.2	252 955
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E6.2	254 342
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E6.2	254 343
7	Plate on the right E10-18	255 390		30	Tuck limit cam E6.2	254 301
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E6.2	252 960
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E6.2	254 344
11	Cam guide E10-18	255 525			Knitting raising cam with split E6.2	254 345
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.15 Cam box E7.2

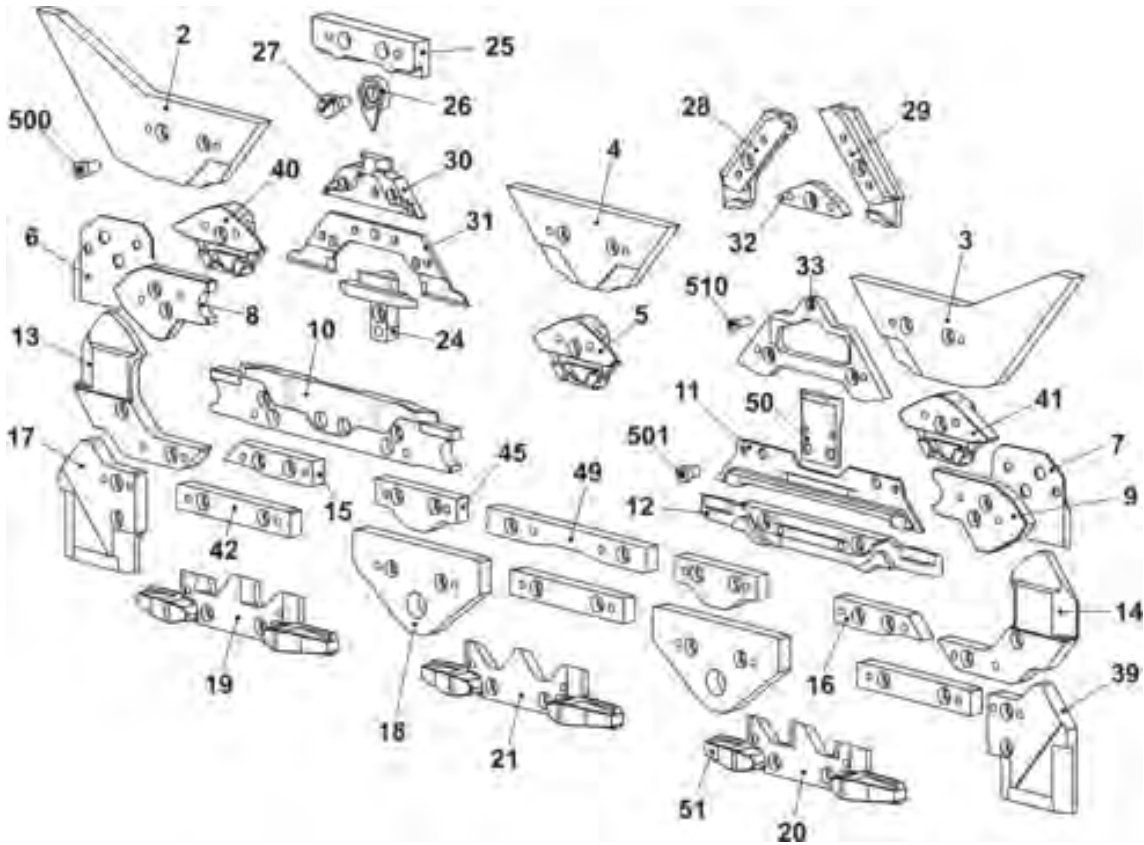
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E7.2	256 811			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E12-14	254 248	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E12-14	254 249	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.15 Cam box E7.2

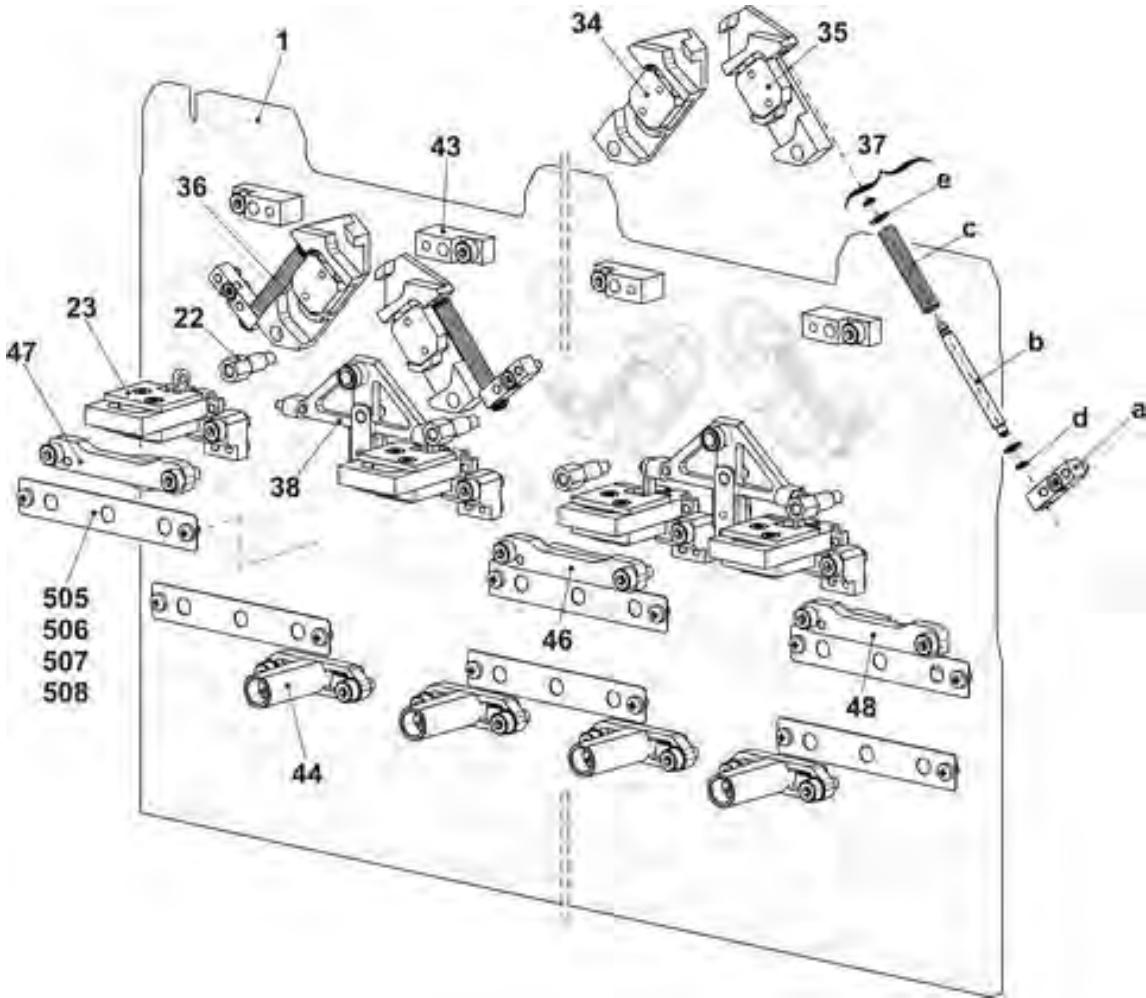
5.15.1 Cams E7.2

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E10 E7.2	251 993
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E10-14 E7.2	254 331
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E10-14 E7.2	254 332
7	Plate on the right E10-18	255 390		30	Tuck limit cam E10 E7.2	254 295
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E10 E12	251 997
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E10 E12	254 334
11	Cam guide E10-18	255 525			Knitting raising cam with split E10 E12	254 335
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



5.16 Cam box E8.2

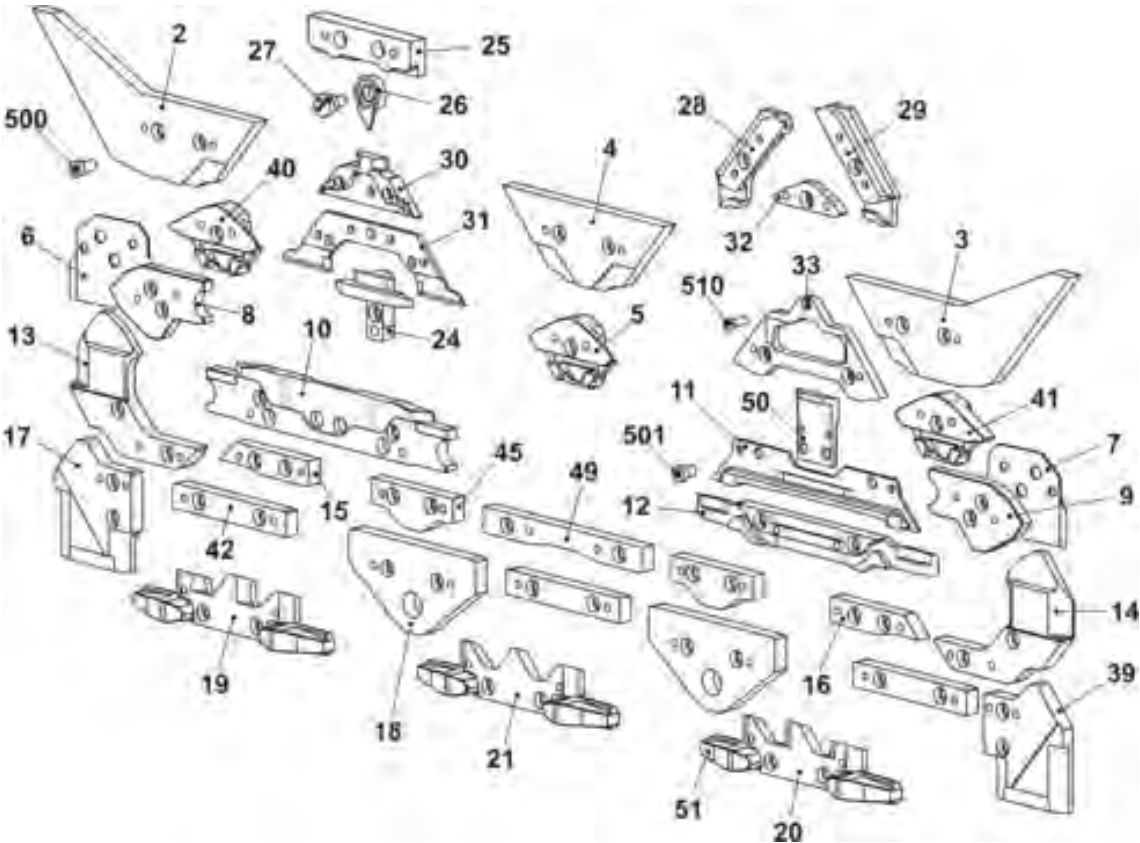
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E8.2	257 037			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E16-18	251 965	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E16-18	251 966	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



5.16 Cam box E8.2

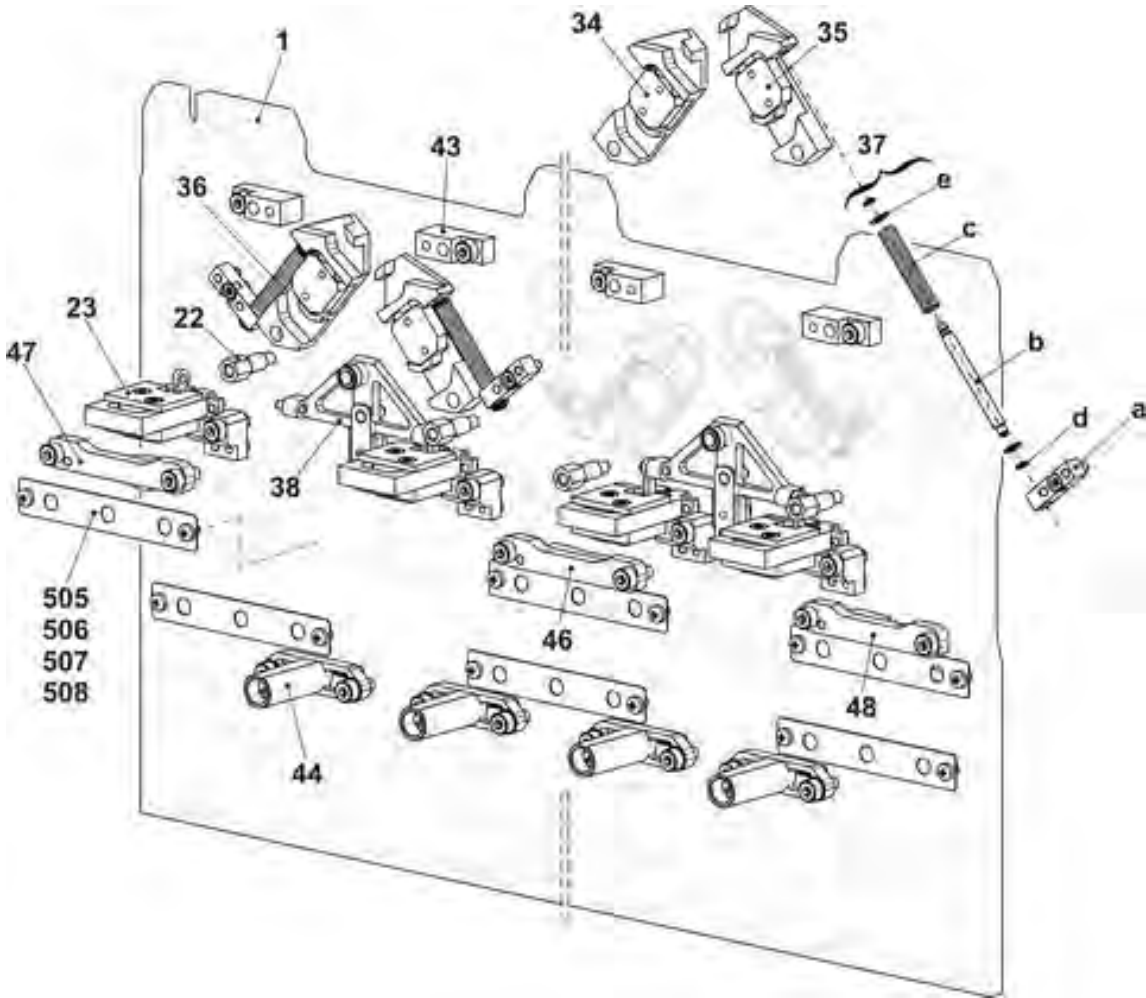
5.16.1 Cams E8.2

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E8.2	252 974
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E5-8	252 656
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E16 E18 E8.2	255 027		28	Stitch cam on the left E16 E18 E8.2	254 338
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E16 E18 E8.2	254 339
7	Plate on the right E10-18	255 390		30	Tuck limit cam E8.2	254 302
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E8.2	252 975
10	Pressure strip E16-18	256 681		33	Knitting raising cam without split E16 E18	254 340
11	Cam guide E10-18	255 525			Knitting raising cam with split E16 E18	254 341
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E16 E18 E8.2	255 028
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E16 E18 E8.2	255 029
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081



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

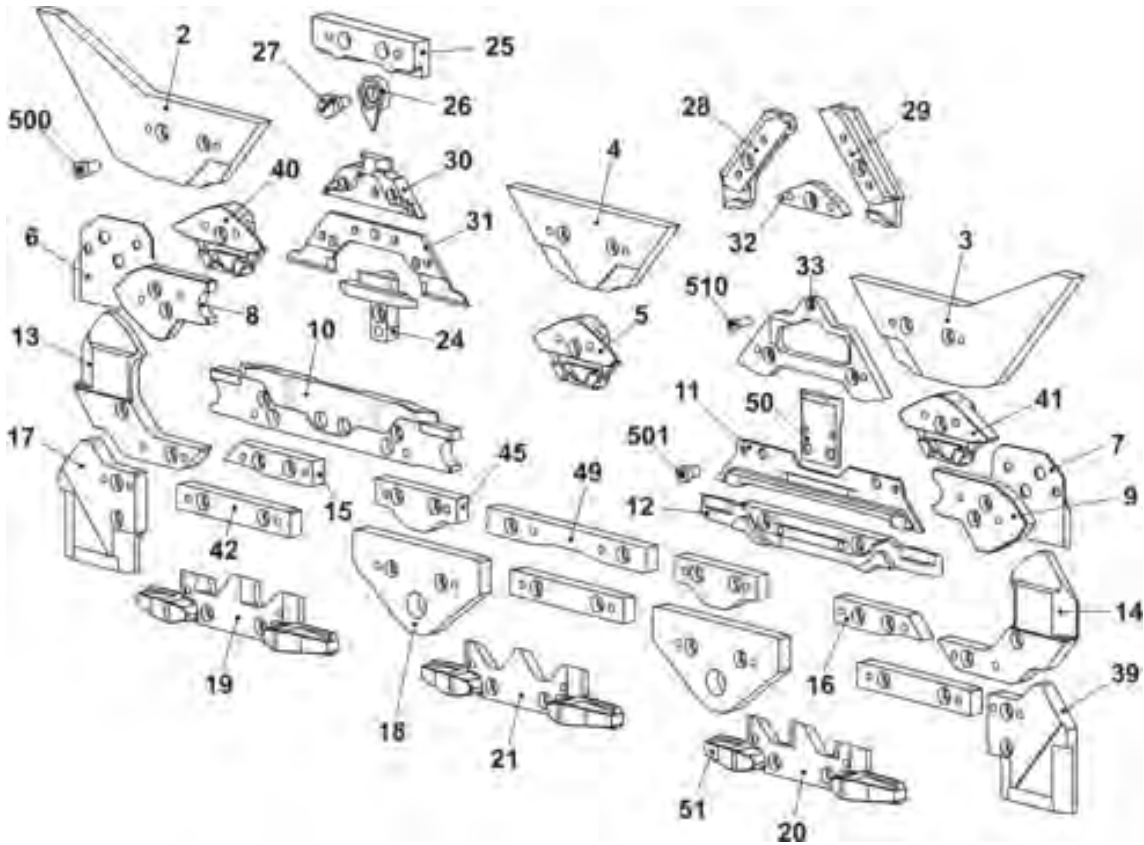
Pos	Designation	Id	Pos	Designation	Id
Σ	Cam box set complete E6.2(12m.10)	256 810			
1	Cam plate E10-18	251 949	38	Slider pressure part complete	251 834
22	Stay bolt	254 839	43	Holding piece	251 828
23	Guidance pressure part complete	253 480	44	Limit cam complete E10-18	251 889
34	Stitch forming cam on the left complete E12-14	254 248	46	Intermediate cam E10-E18	255 051
35	Stitch forming cam on the right complete E12-14	254 249	47	Intermediate cam on the right E10-18	255 053
36	Rod guide on the left complete	252 662	48	Intermediate cam on the left E10-18	255 052
37	Rod guide on the right complete	252 663	505	Shim 0.03x12x75	022 828
a	Rod guidance part	252 660	506	Shim 0.05x12x75	022 829
b	Spring rod	252 661	507	Shim 0.1x12x75	022 830
c	Compression spring	252 872	508	Shim 0.2x12x75	022 831
d	Circlip	023 565			
E	U-washer	020 877			



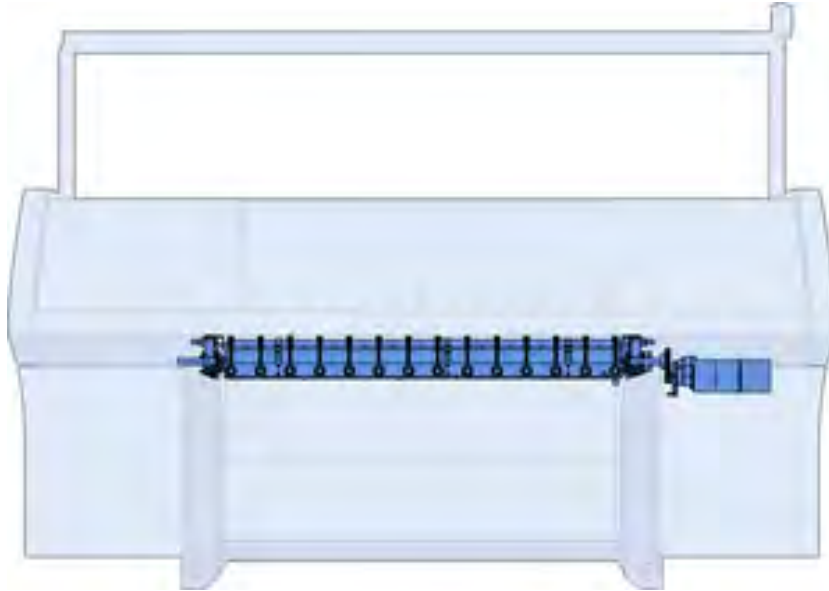
5.17 Cam box E6.2 (12m.10)

5.17.1 Cams E6.2 (12m.10)

Pos	Designation	Id		Pos	Designation	Id
2	Entry cam on the left at the top E10-18	256 690		25	Limit cam E10 E7.2	251 993
3	Entry cam on the right at the top E10-18	256 691		26	Pointer E10	251 994
4	Entry cam at the top E10-18	256 689		27	Screw	210 335
5	Knitting position cam E10-E14 E6.2 E7.2	255 021		28	Stitch cam on the left E10-14 E7.2	254 331
6	Plate on the left E10-18	255 389		29	Stitch cam on the right E10-14 E7.2	254 332
7	Plate on the right E10-18	255 390		30	Tuck limit cam E10 E7.2	254 295
8	Entry cam on the left E10-E18	255 391		31	Raising cam plate E10-E18	251 992
9	Entry cam on the right E10-E18	255 392		32	Receiving cam E10 E12	251 997
10	Pressure strip E10-14	255 540		33	Knitting raising cam without split E10 E12	254 334
11	Cam guide E10-18	255 525			Knitting raising cam with split E10 E12	254 335
12	Cam guide E10-18	255 541		39	Cam on the right E10-E18	251 880
13	Cam on the left E10-E18	255 613		40	Knitting position cam on the left E10-14 E6.2 E7.2	255 022
14	Cam on the right E10-E18	255 614		41	Knitting position cam on the right E10-E14 E6.2 E7.2	255 023
15	Limit cam on the left E10-18	251 886		42	Limit cam E10-E18	251 882
16	Limit cam on the right E10-18	251 887		45	Cam E10-18	251 888
17	Cam on the left E10-E18	251 879		49	Limit cam E10-E18	251 885
18	Cam E10-18	251 881		50	Transfer pressure part	253 838
19	Selection cam on the left E10-18	251 876		51	Offering cam	210 185
20	Selection cam on the right E10-18	251 877		500	Cap screw M4x8	020 091
21	Selection cam E10-18	251 875		501	Cap screw M4X6	020 089
24	Tuck pressure part	253 828		510	Cap screw M3x8	020 081

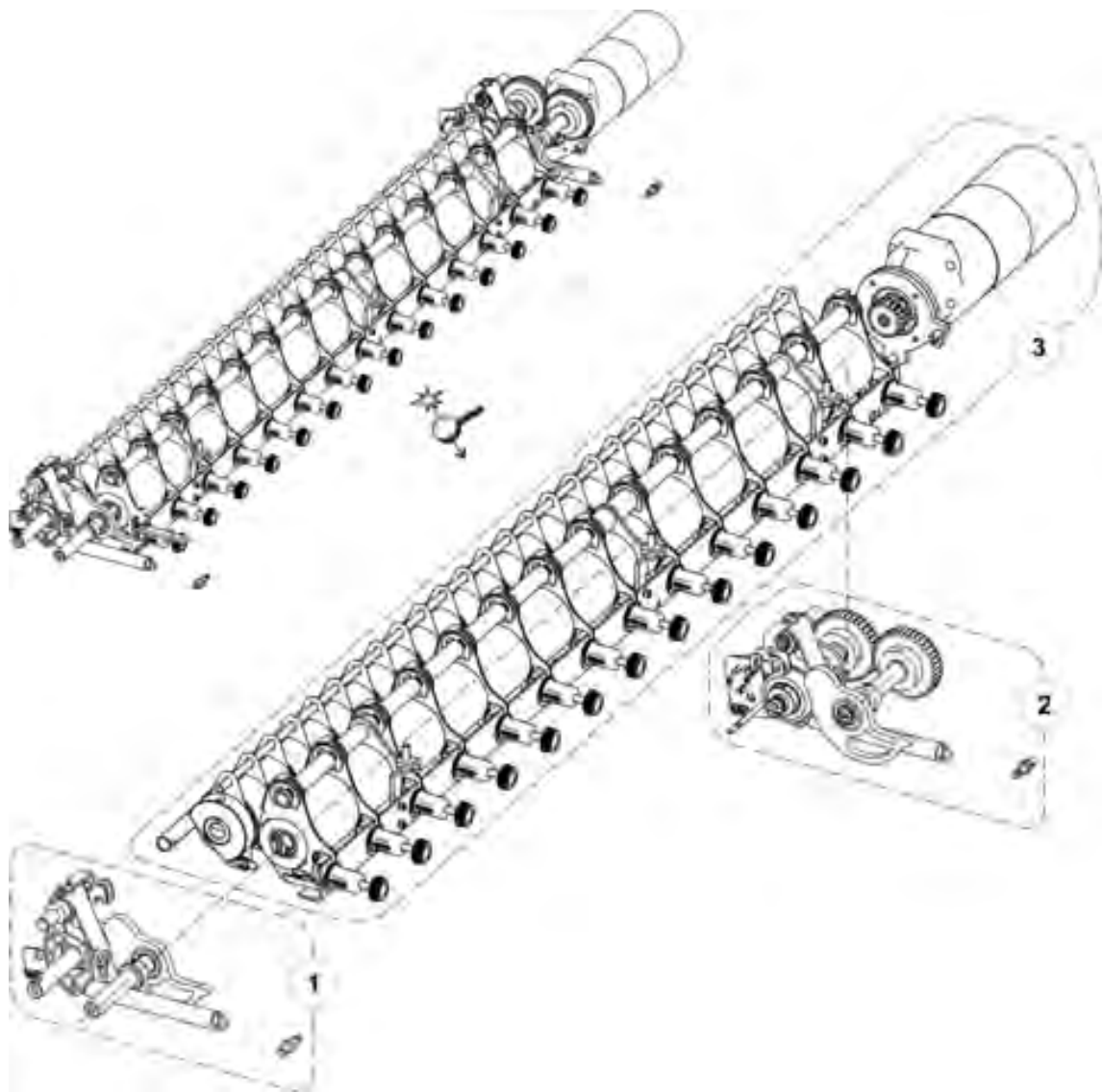


6 Main take-down



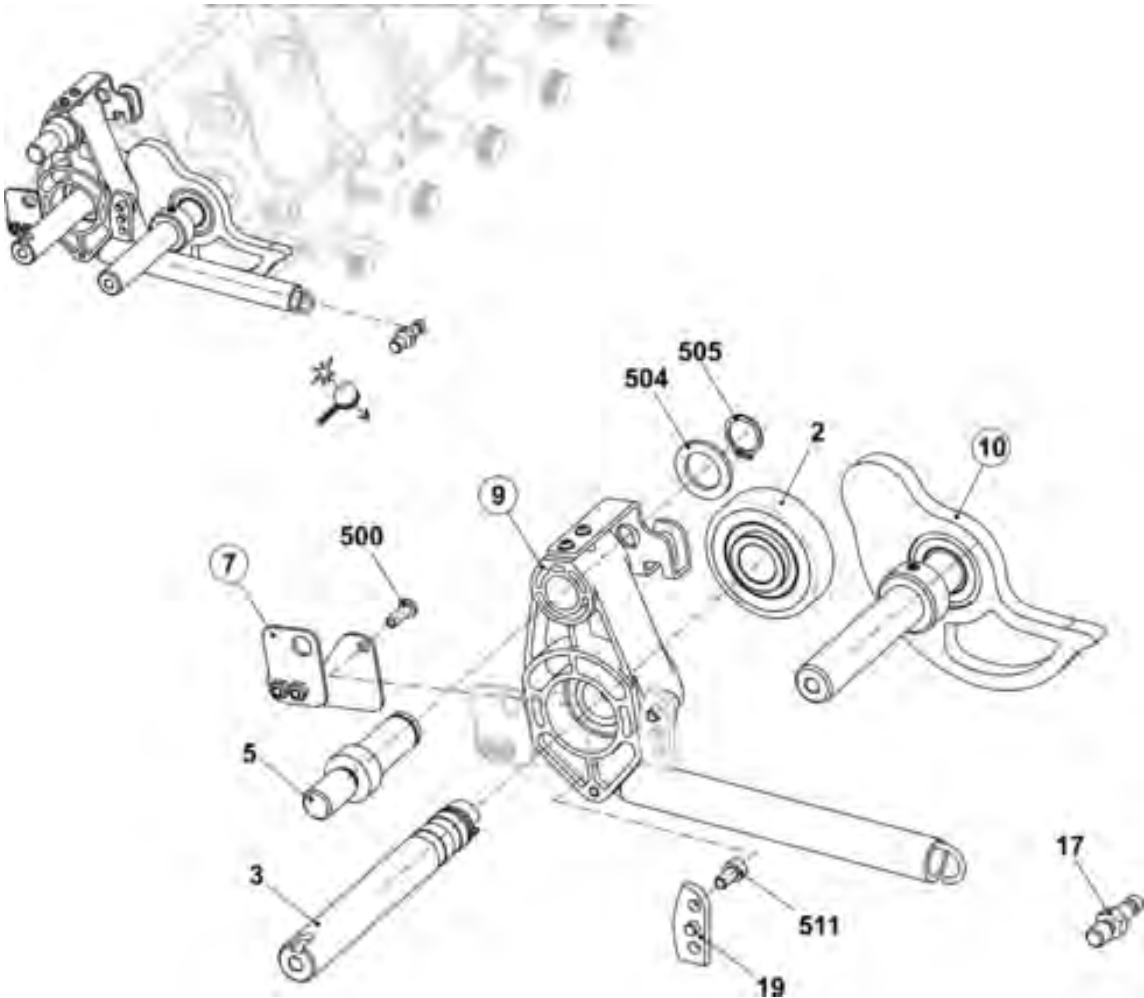
6.1 Main take-down

Pos	Designation	Id	Pos	Designation	Id
Σ	Main take-down				
1	Main take-down on the left	253 851	3	Main take-down in the middle E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 525
2	Main take-down on the right	253 852		Main take-down in the middle E16 E18 E8.2	253 593



6.1.1 Main take-down on the left

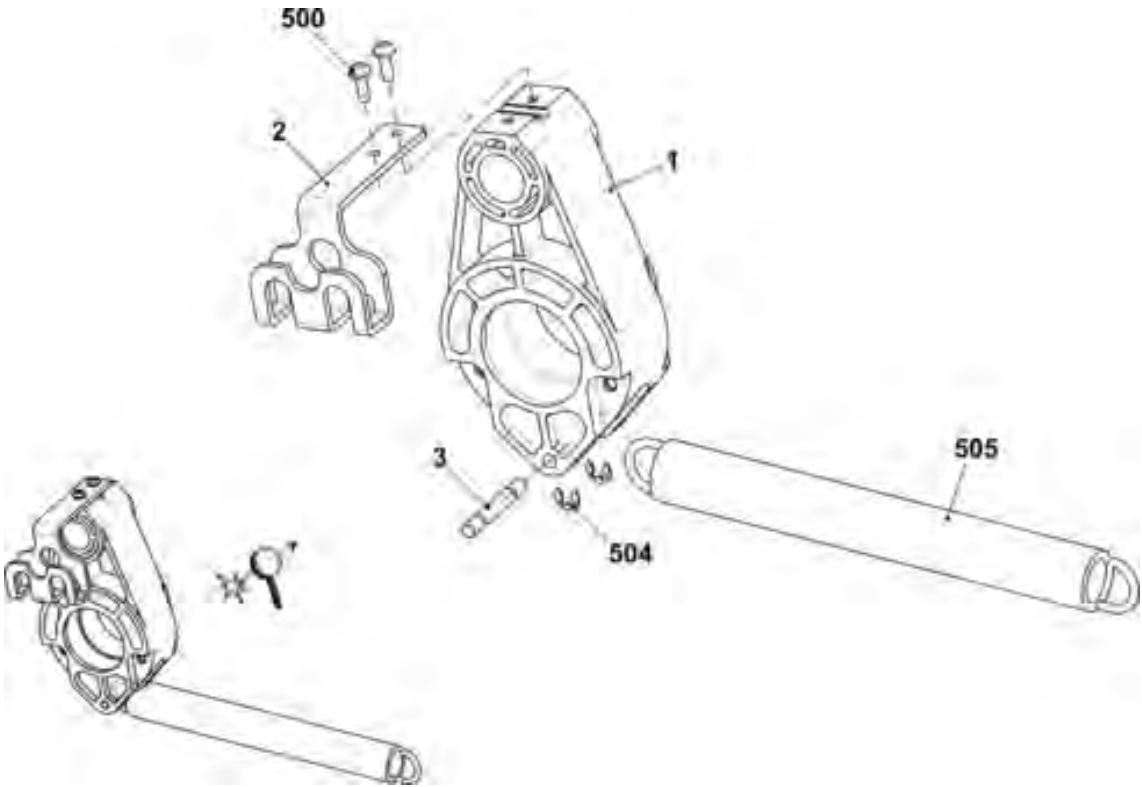
Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down on the left	253 851				
2	Bearing race complete	244 459		17	Spring bolt	221 143
3	Shaft on the left at the rear	221 012		19	Stop point	252 503
5	Bolt	208 538		500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725		504	U-washer 18	023 295
9	Swivel-mounted bearing	251 761		505	Locking ring 18x1.2	020 955
10	Floating axle on the left	251 984		511	Cap screw M6x12	020 134



6.1 Main take-down

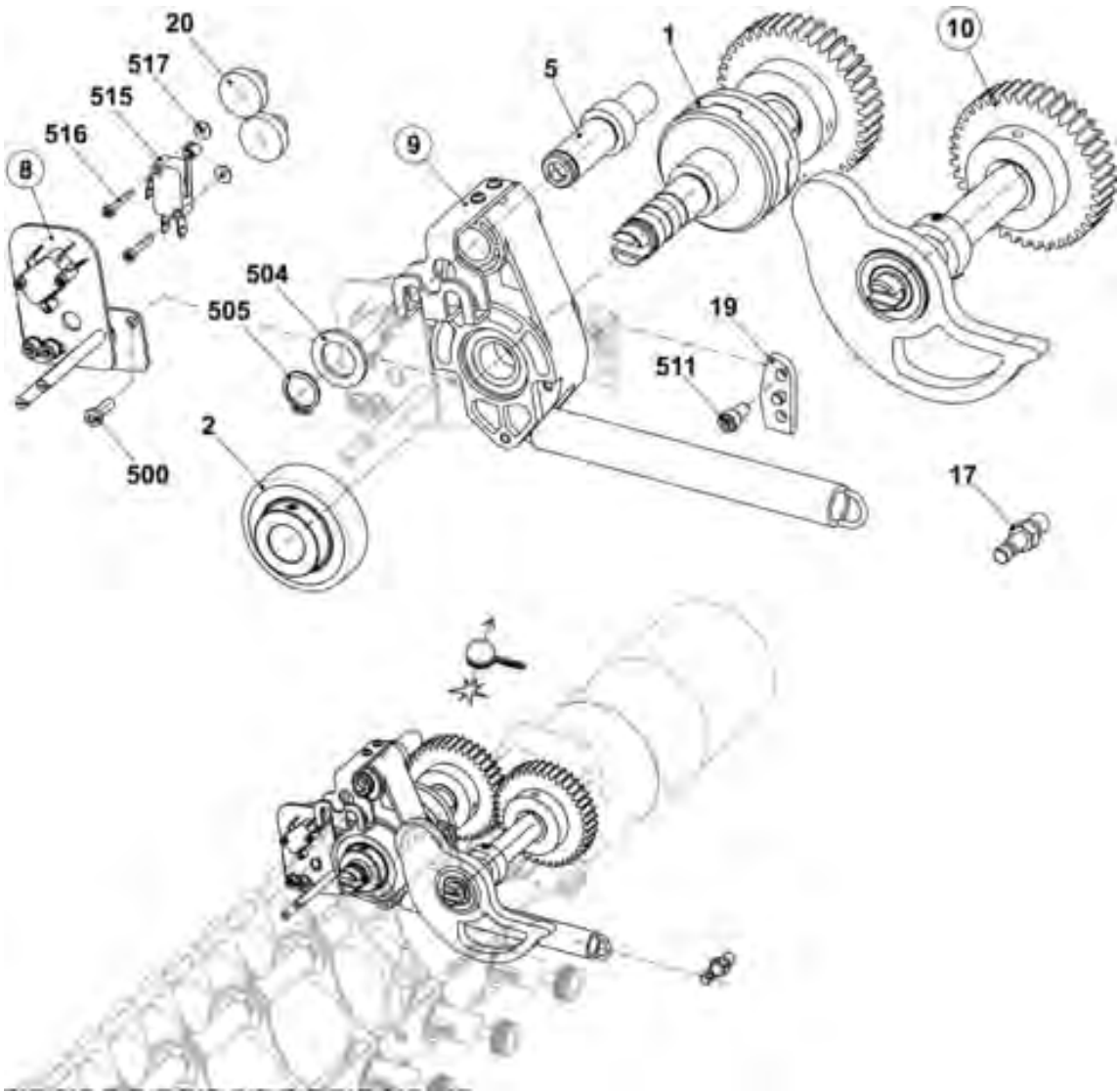
6.1.1.1 Swivel-mounted bearing

Pos	Designation	Id		Pos	Designation	Id
Σ	Swivel-mounted bearing	251 761				
1	Swivel-mounted bearing	241 996		500	Screw M35x10	251 729
2	Sheet metal support	251 749		504	Circlip 4	021 020
3	Axle	251 758		505	Tension spring 8x0.9x75	240 217



6.1.2 Main take-down on the right

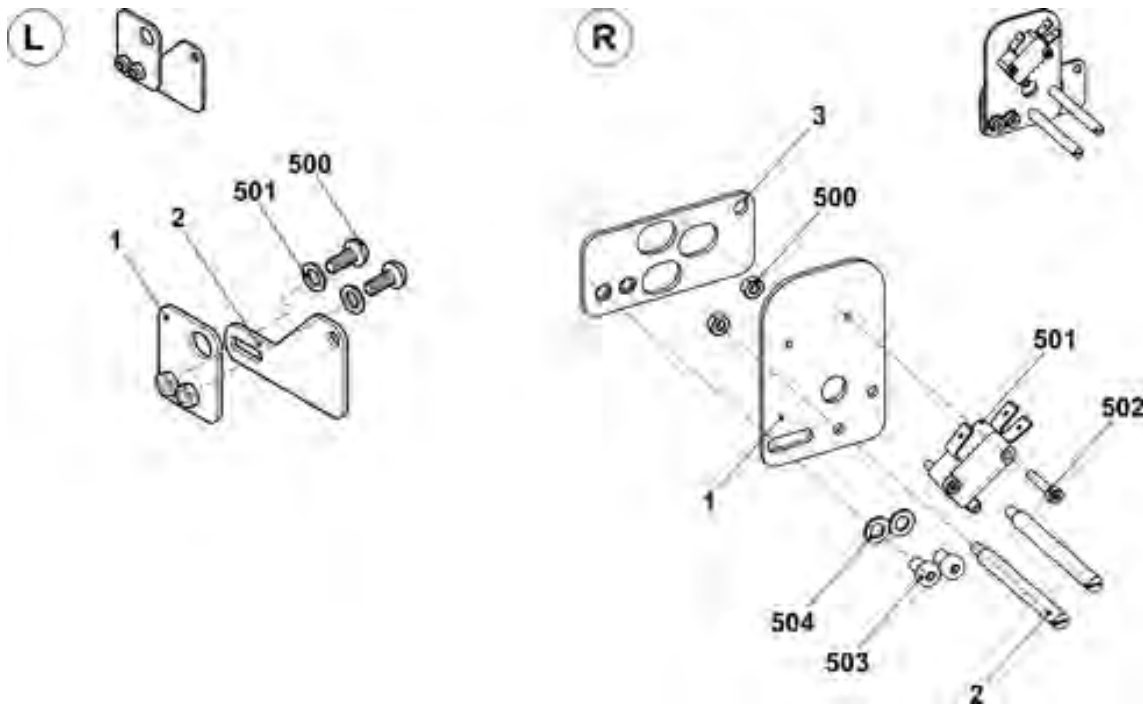
Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down on the right	253 852				
1	Clutch set	251 677		20	Threaded bushing	222 522
2	Bearing race complete	244 459		500	Screw 50x15	251 728
5	Bolt	208 538		504	U-washer 18	023 295
8	Mounting plate on the right complete	240 069		505	Locking ring 18x1.2	020 955
9	Swivel-mounted bearing	251 761		511	Cap screw M6x12	020 134
10	Floating axle on the right	251 985		515	Microswitch Xgk2-s21 250	210 510
17	Spring bolt	221 143		516	Cap screw M3x20	023 221
19	Stop point	252 503		517	U-washer 3	023 657



6.1 Main take-down

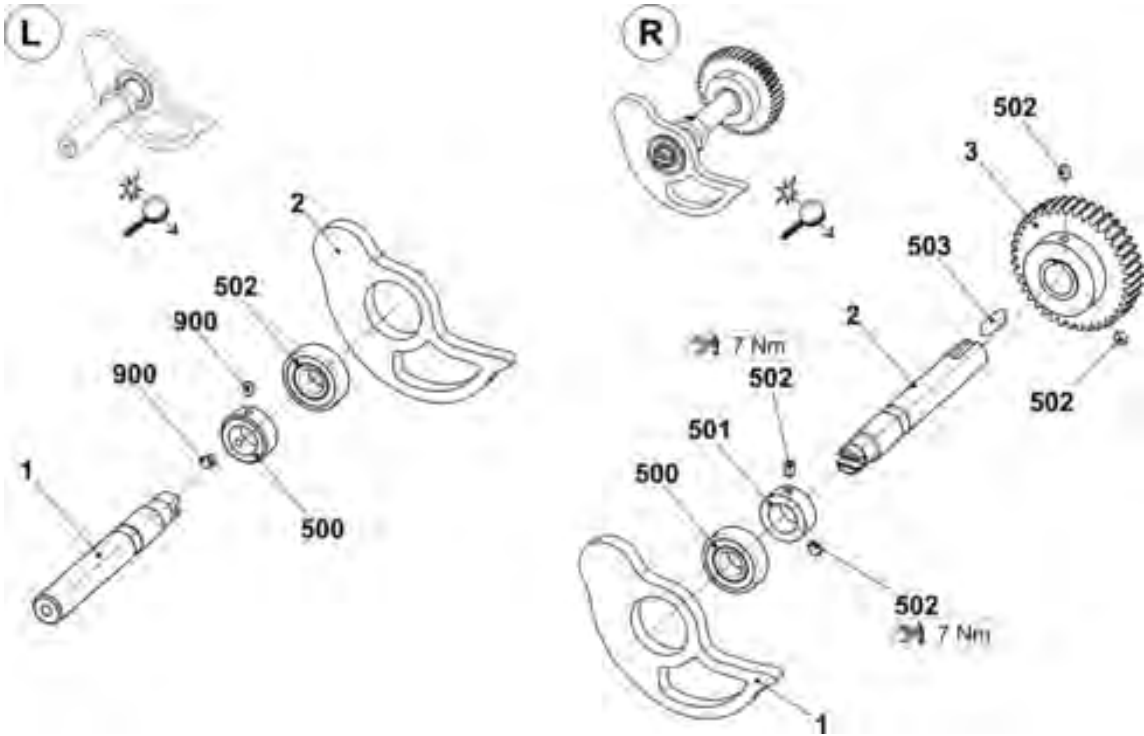
6.1.2.1 Mounting plate

Pos	Designation	Id		Pos	Designation	Id
Σ L	Mounting plate on the left complete	231 725		Σ R	Mounting plate on the right complete	240 069
1	Mounting plate on the left	231 541		1	Mounting plate on the right	240 068
2	Retaining plate on the left	231 539		2	Setscrew	240 067
500	Countersunk screw M5x10	023 247		3	Retaining plate on the right	240 066
501	Serrated lock washer J6.4	022 489		500	Hexagon nut M4-6	022 536
				501	Microswitch	026 259
				502	Cap screw M3X16	022 583
				503	Cap screw M5x8	244 278
				504	U-washer 5-200	020 871



6.1.2.2 Floating axle

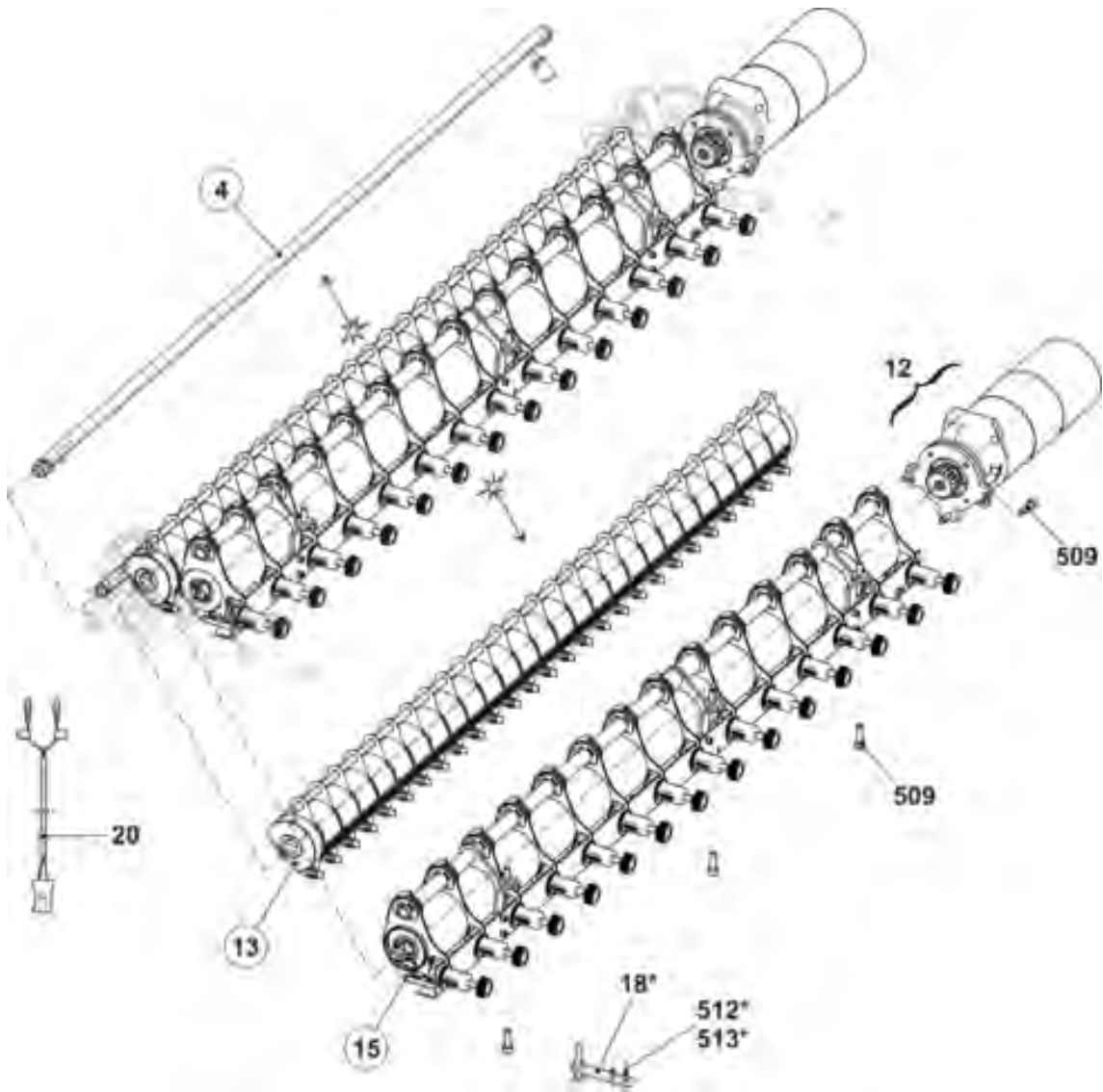
Pos	Designation	Id		Pos	Designation	Id
Σ L	Floating axle on the left	251 984		Σ R	Floating axle on the right	251 985
1	Shaft on the left at the front	221 013		1	Eccentric	251 959
2	Eccentric	251 959		2	Shaft on the right	223 393
500	Set collar	020 938		3	Gear wheel Z=40, M=2	213 744
502	Fitting freewheel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



6.1 Main take-down

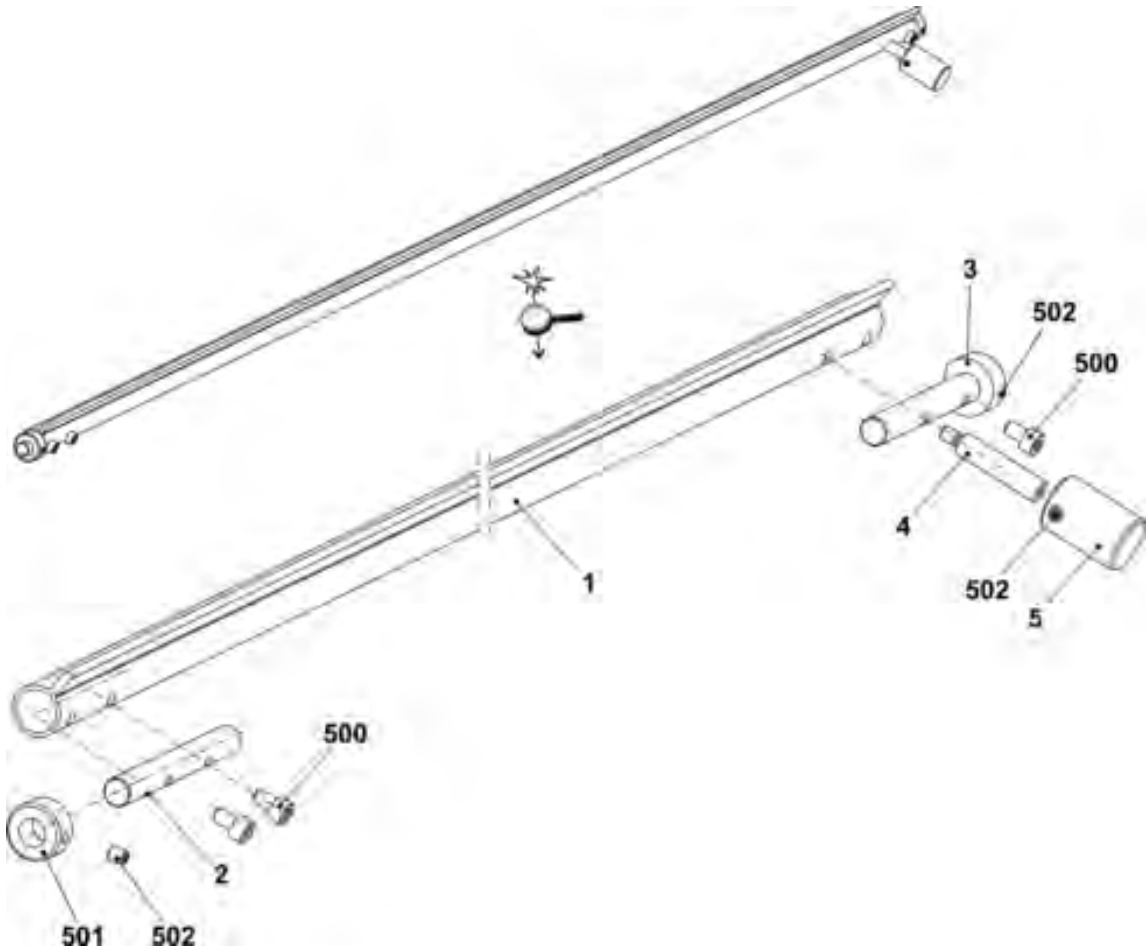
6.1.3 Main take-down in the middle

Pos	Designation	Id		Pos	Designation	Id
Σ	Main take-down in the middle			13	Take-down roller at the rear complete	
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2)	253 525			E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 853
	E16 E18 E8.2	253 593			E16 E18 E8.2	253 854
4	Stripper angle at the rear complete	240 125		509	Cap screw M8X25	020 142
12	Motor take-down unit complete	253 803		18*	Stop point	253 432
15	Take-down roller at the front complete	241 426		512*	U-washer 6	020 881
20	Connection cable winding plate	241 703		513*	Countersunk screw M6x16	023 124



6.1.3.1 Stripper angle

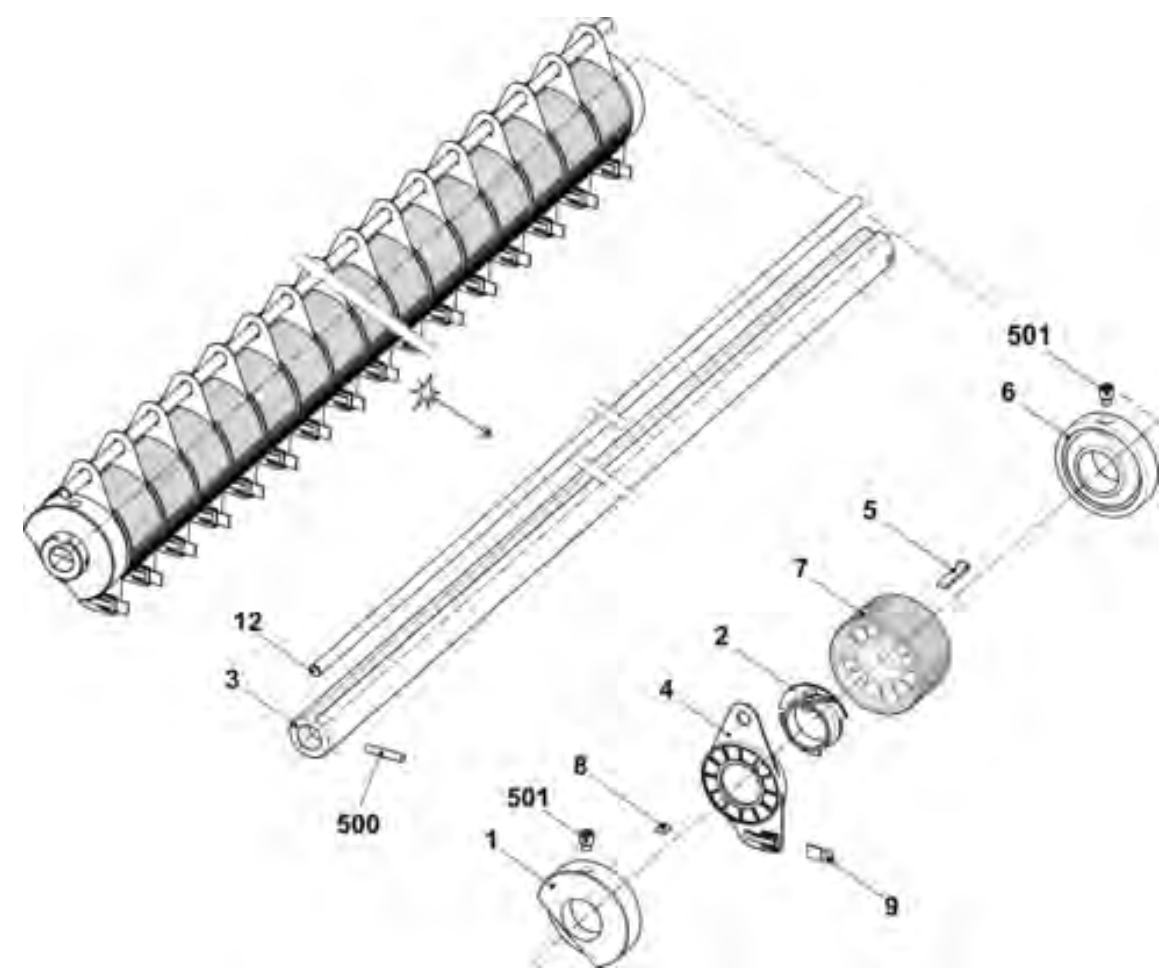
Pos	Designation	Id		Pos	Designation	Id
Σ	Stripper angle at the rear complete	240 125				
1	Stripper angle	240 126		5	Adjustment weight	229 248
2	Shaft	240 127		500	Cap screw M5x8	023 319
3	Cam	209 278		501	Set collar	020 934
4	Bolt	228 310		502	Set screw M5x6	022 738



6.1 Main take-down

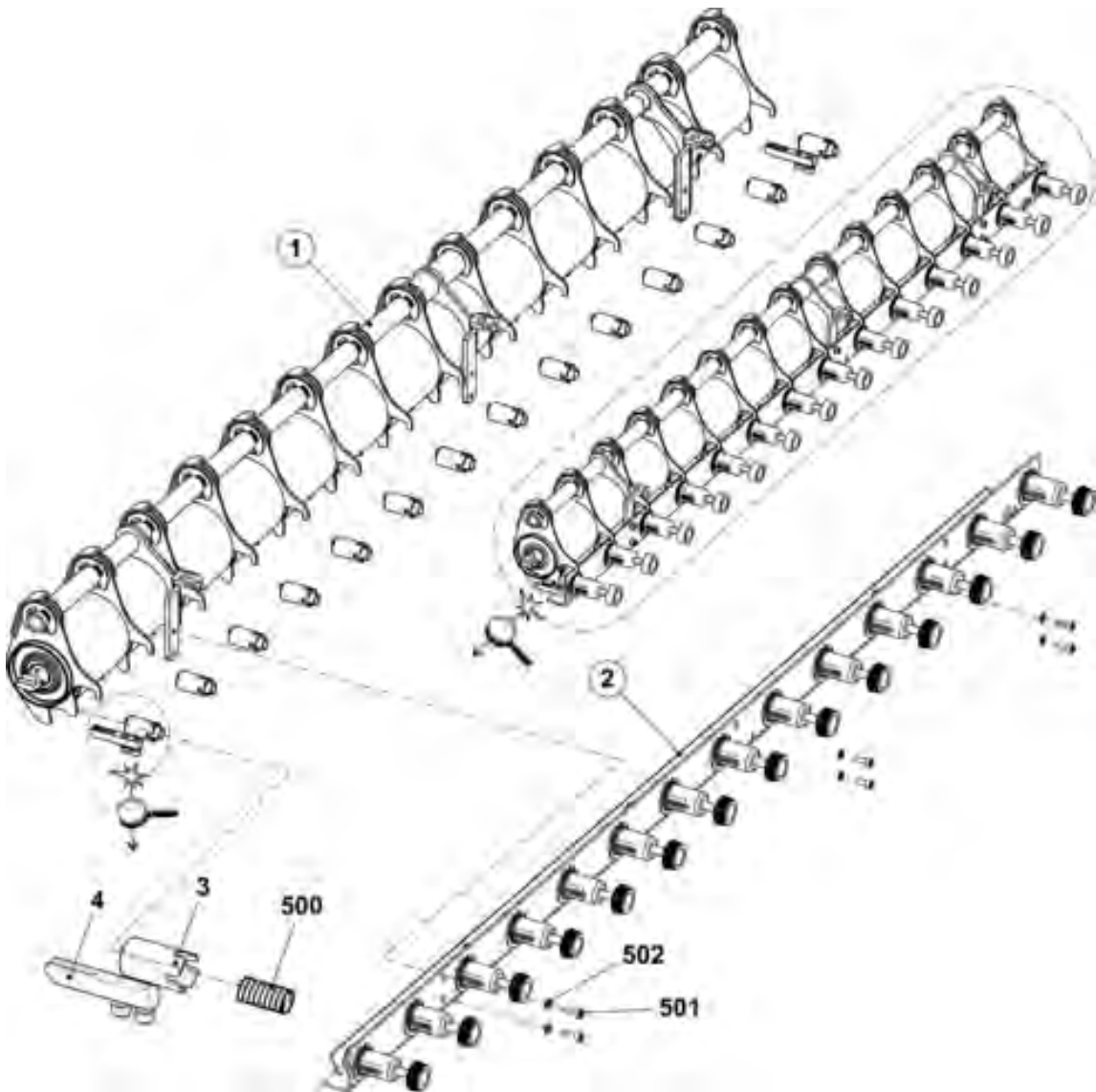
6.1.3.2 Rear take-down roller

Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the rear complete					
	E10 E12 E14 E6.2(12m.10) E6.2 E7.2	253 853		7	Roller E5-14	206 770
	E16 E18 E8.2	253 854			Roller E16-18	231 400
1	Ring on the left	250 573		8	Spacer slide	222 062
2	Stop ring on the left	204 369		9	Brush	225 819
3	Shaft	221 011		12	Rod	253 301
4	Stripper	241 612		500	Setting pin 6x32	020 685
5	Spacer slide	240 104		501	Set screw M10x15	020 635
6	Ring on the right	250 574				



6.1.3.3 Front take-down roller

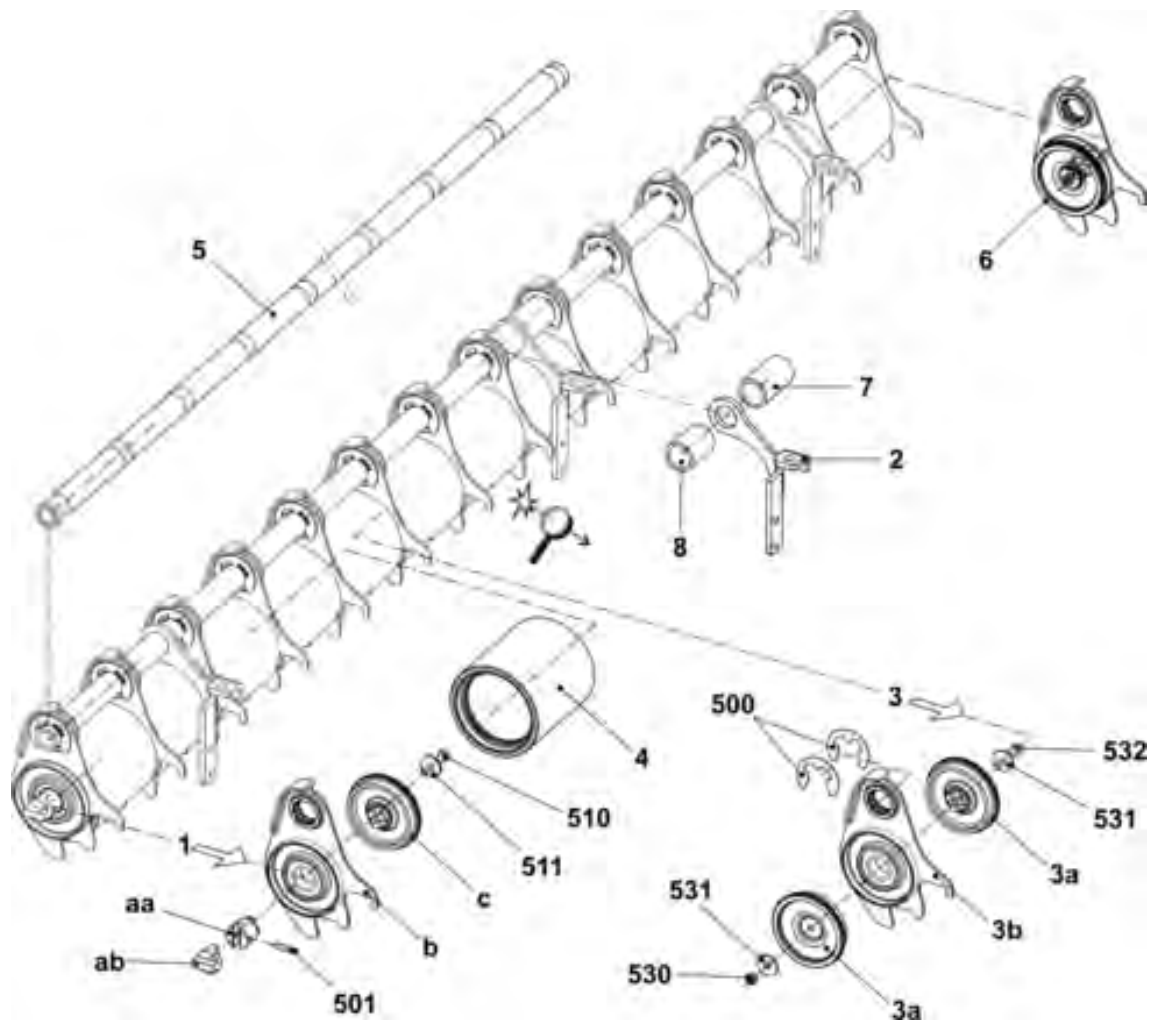
Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down roller at the front complete	241 426		4	Fixed piece	221 935
1	Take-down roller at the front	221 243		500	Compression spring 1x10x30	023 741
2	Angle rail complete	241 425		501	Cap screw M5x12	020 132
3	Pressure sleeve	220 911		502	U-washer 5-200	020 880



6.1 Main take-down

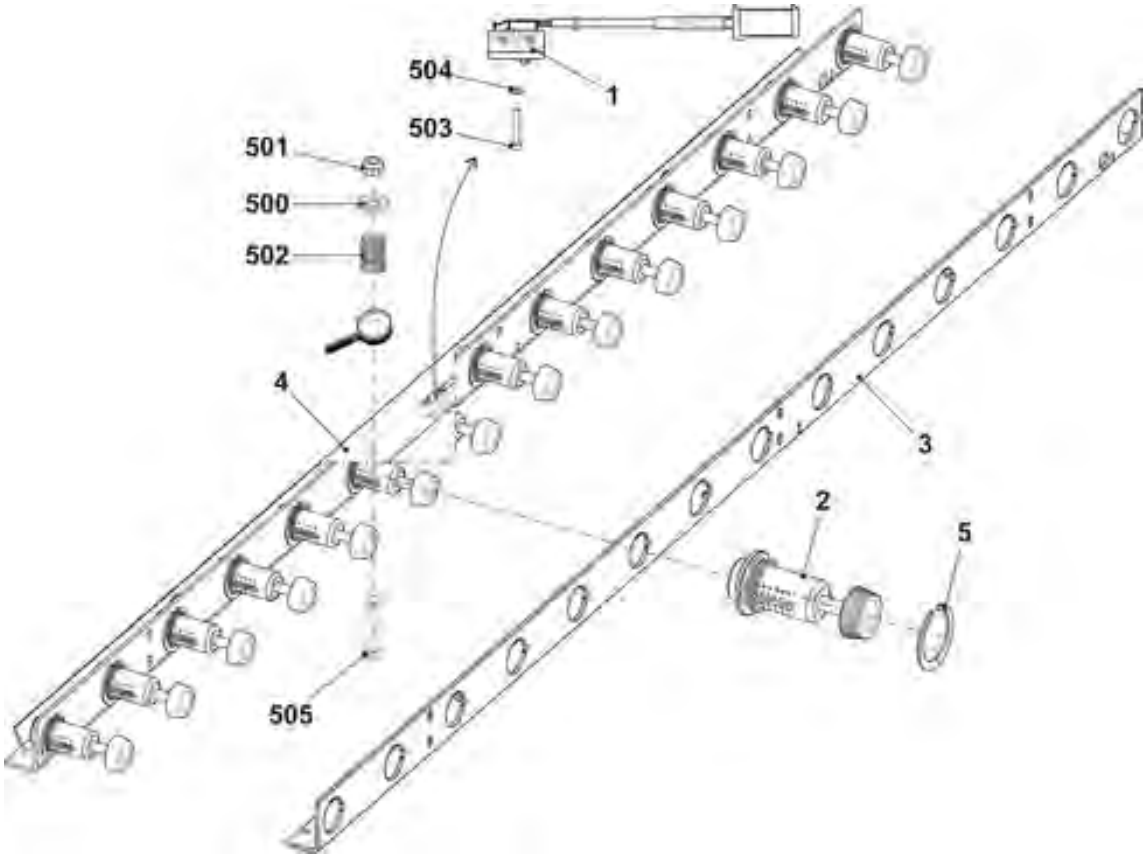
6.1.3.3.1 Front roller elements

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



6.1.3.3.2 Pressure angle rail

Pos	Designation	Id		Pos	Designation	Id
Σ	Angle rail complete	241 425		500	U-washer 6-200	022 431
1	Switch complete with cable	221 265		501	Hexagon nut M5-8	023 541
2	Spring flange	242 327		502	Compression spring 0.8x9.2x27.5	023 537
3	Angle rail	241 773		503	Cap screw M2x12	023 522
4	Winding plate	221 101		504	U-washer 2-200	022 908
5	Locking ring	242 325		505	Shoulder screw M5x20x5	023 675



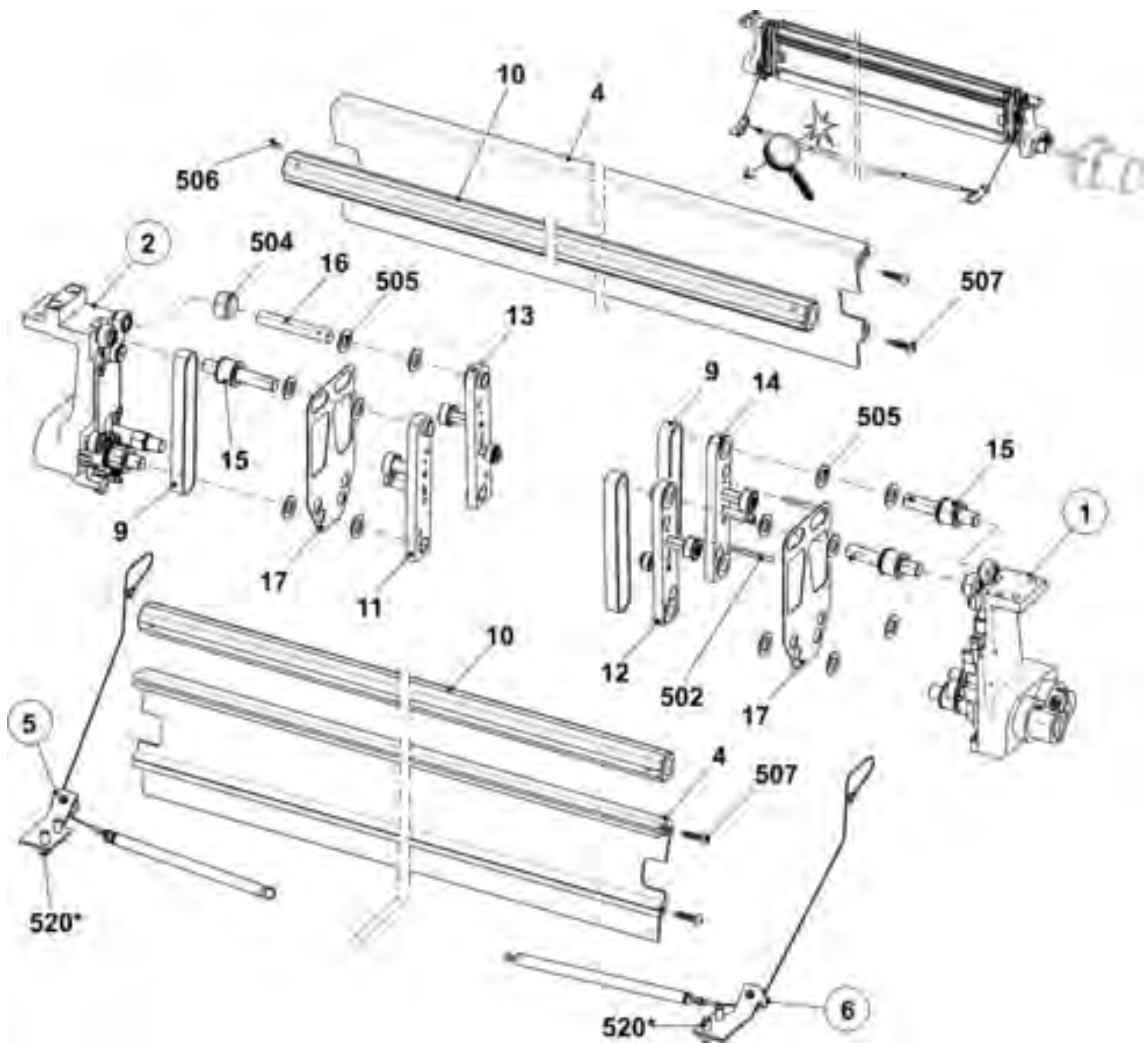
Notes:

7 Auxiliary take-down



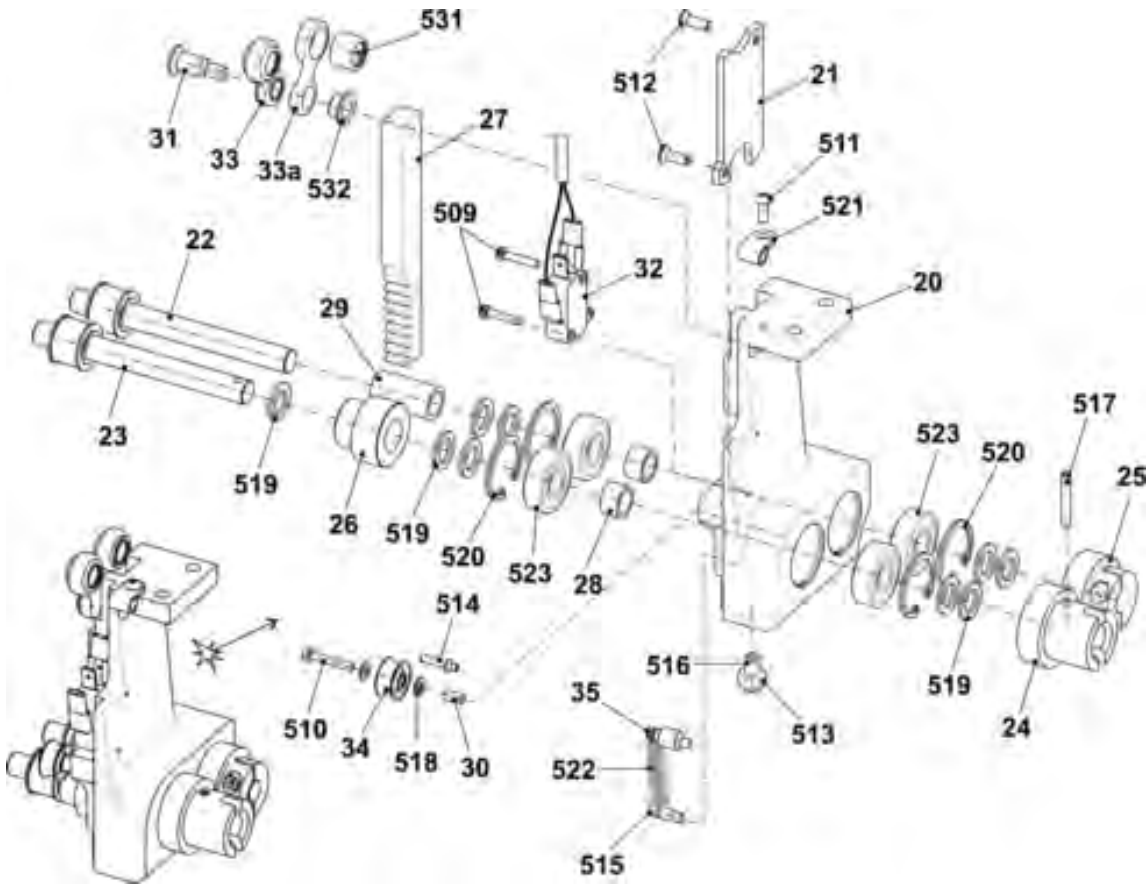
7.1 Auxiliary take-down pre-assembled

Pos	Designation	Id	Pos	Designation	Id
Σ	Auxiliary take-down pre-assembled	254 061			
1	Bearing on the right complete	239 996	14	Lever at the rear on the right	227 260
2	Bearing on the left complete	239 999	15	Toothed belt disk complete	226 708
4	Guide plate	213 362	16	Bolt	227 914
5	Angular sheet metal on the left complete	225 013	17	Protective plate	225 754
6	Angular sheet metal on the right complete	225 014	502	Shoulder screw M3x27x32	023 634
9	Toothed belt 10T5/260	208 832	504	Set collar	020 934
10	Take-down roller	224 891	505	Stop disc	023 646
11	Lever at the front on the left	227 263	506	Spring dowel sleeve 3x20	020 776
12	Lever at the front on the right	227 262	507	Sheet metal screw St4.8x22-	023 259
13	Lever at the rear on the left	227 261	520*	Cap screw M6x12	020 134



7.1.1 Right bearing of the auxiliary take-down

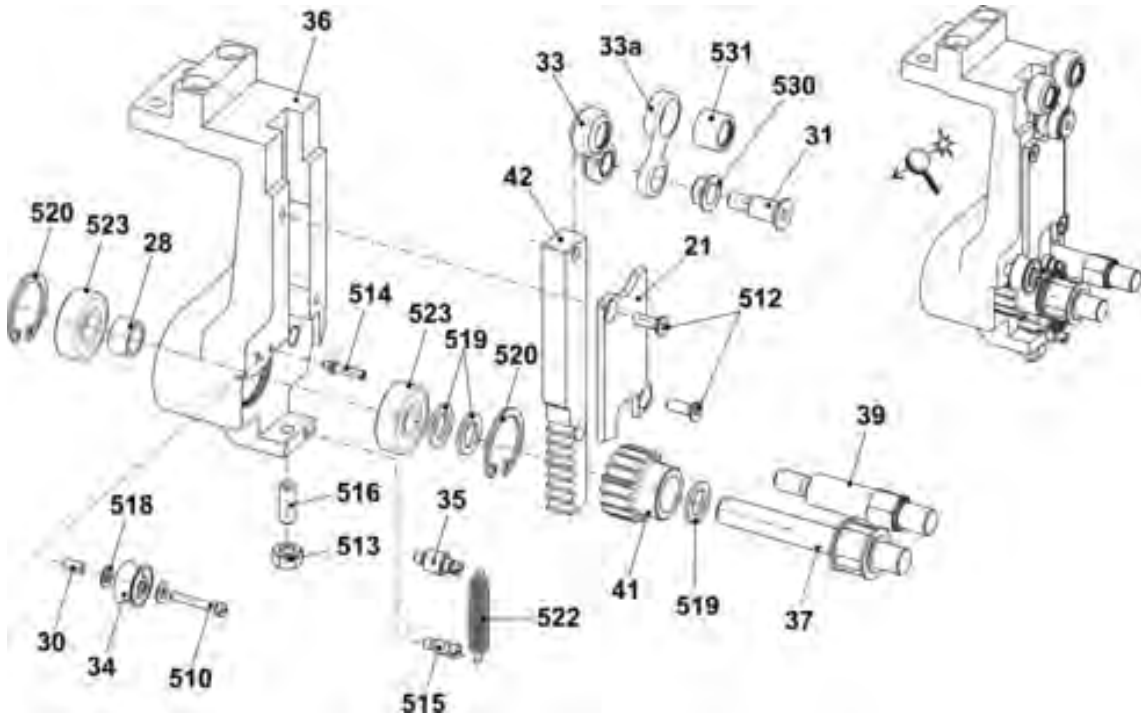
Pos	Designation	Id		Pos	Designation	Id
Σ	Bearing on the right complete					
20	Bearing block on the right	239 967		34	Roller deflector	218 805
21	Cover	224 881		35	Shoulder screw	239 215
22	Drive shaft complete	227 857		500	Shoulder screw M3x16	022 560
23	Drive shaft complete	227 853		510	Cap screw M3x20	022 448
24	Gear wheel M=1.5, Z=20	213 880		511	Countersunk screw M4x10	023 450
25	Gear wheel M=1.5, Z=20	210 504		512	Countersunk head screw M4x12	023 062
26	Gear wheel on the right complete	218 524		513	Hexagon nut M6-6	020 836
27	Gear rack on the right	239 218		514	Threaded bolt with shoulder	243 226
28	Spacer	229 683		515	Shoulder screw M4x9x14	020 602
29	Sleeve	227 257		516	Set screw M6x16-45	023 092
30	Sleeve	239 997		517	Spiral pin 4x24	023 544
31	Collar bolt	210 551		518	Adjusting washer 4x8x0.5	023 384
32	Cable with switch auxiliary take-down	243 142		519	Adjusting washer 10x16x1.5	023 261
33	Connecting rod complete	226 710		520	Locking ring 26x1.2	023 359
	33a	Connecting rod	226 696	521	Cable clip 225/5.2	008 335
	531	Needle roller bearing HK1010	023 664	522	Tension spring 7.5x0.7x28	023 595
	532	Slide bearing GFM-081014-06	023 358	523	Grooved ball bearing 6000-2	022 599



7.1 Auxiliary take-down pre-assembled

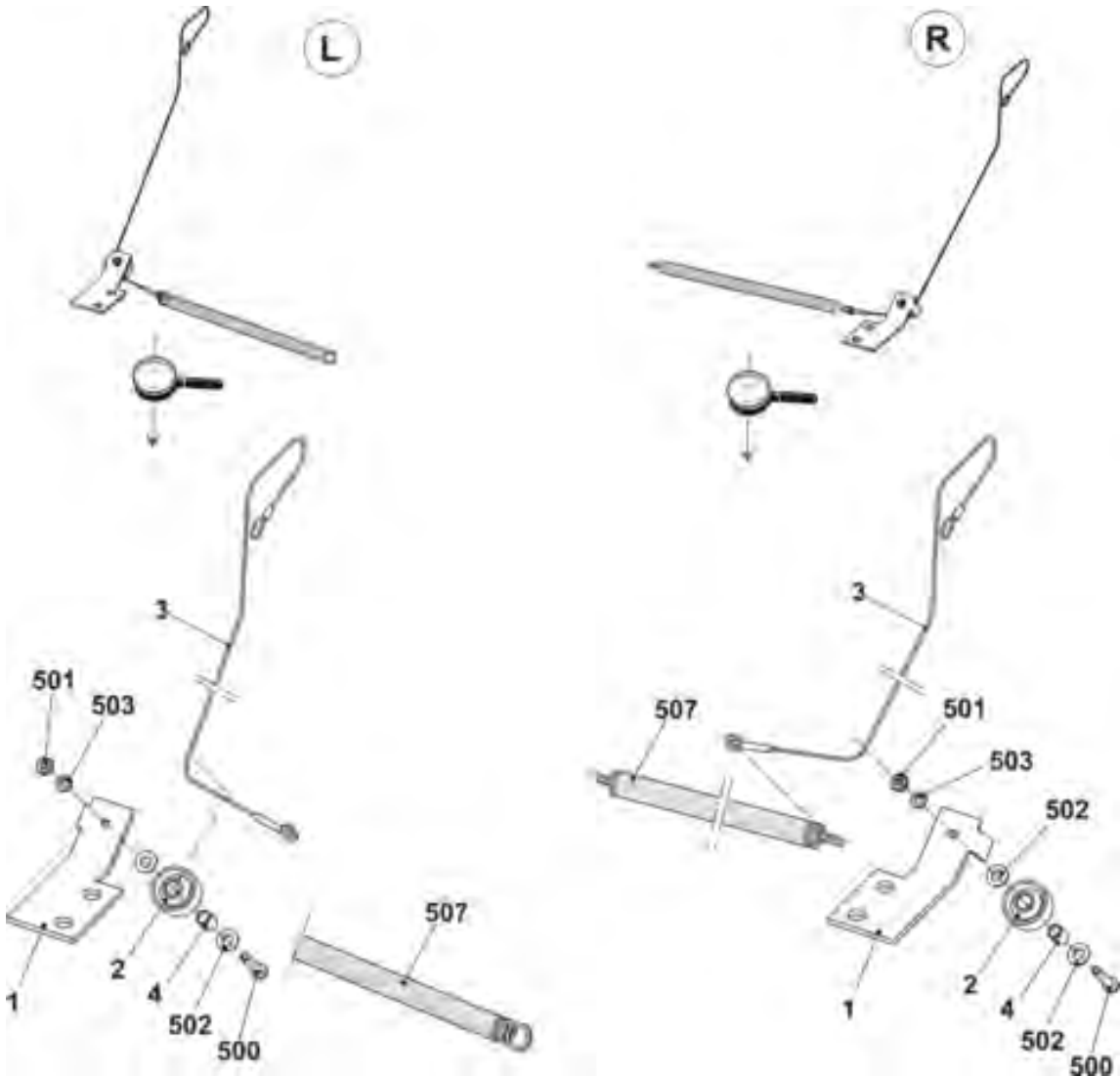
7.1.2 Left bearing of the auxiliary take-down

Pos	Designation		Id		Pos	Designation		Id
Σ	Bearing on the left							
21	Cover		224 881		41	Gear wheel on the left complete		218 523
28	Spacer		229 683		42	Gear rack on the left		239 216
30	Sleeve		239 997		510	Cap screw M3x20		022 448
31	Collar bolt		210 551		512	Countersunk head screw M4x12		023 062
33	Connecting rod complete		226 710		513	Hexagon nut M6-6		020 836
	33a	Connecting rod	226 696		514	Threaded bolt with shoulder		243 226
	530	Slide bearing GFM-081014-06	023 358		515	Shoulder screw M4x9x14		020 602
	531	Needle roller bearing HK1010	023 664		516	Set screw M6x16-45		023 092
34	Roller deflector		218 805		518	Adjusting washer 4x8x0.5		023 384
35	Shoulder screw		239 215		519	Adjusting washer 10x16x1.5		023 261
36	Bearing block on the left		240 001		520	Locking ring 26x1.2		023 359
37	Drive shaft complete		227 887		522	Tension spring 7.5x0.7x28		023 595
39	Bolt		226 705		523	Grooved ball bearing 6000-2		022 599



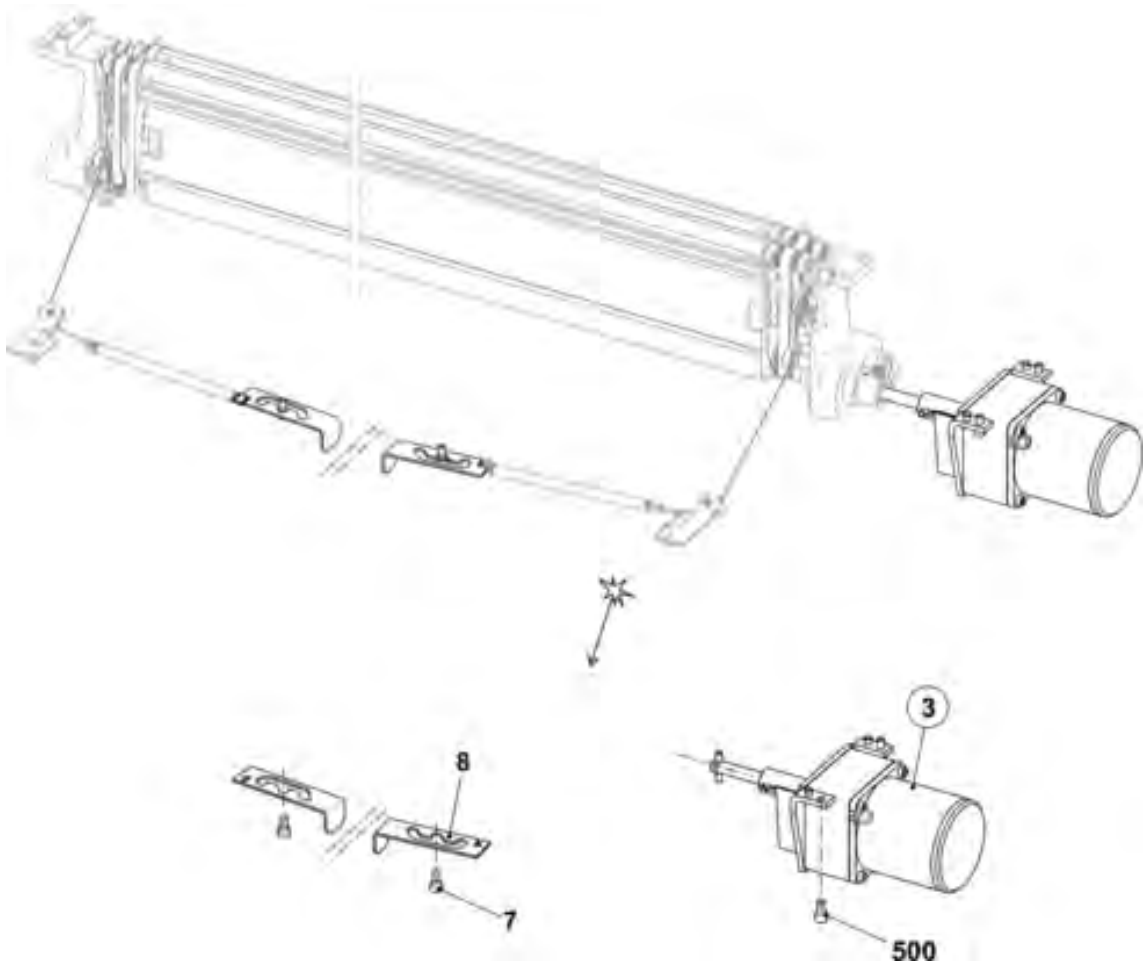
7.1.3 Angular sheet metal on the left and right complete

Pos	Designation	Id		Pos	Designation	Id
Σ L	Angular sheet metal on the left complete	225 013		Σ R	Angular sheet metal on the right complete	225 014
1	Angular sheet metal on the left	224 920		1	Angular sheet metal on the right	224 931
2	Roller deflector	218 805		2	Roller deflector	218 805
3	Fine rope	224 977		3	Fine rope	224 977
4	Sleeve	227 867		4	Sleeve	227 867
500	Shoulder screw M3x16	022 560		500	Shoulder screw M3x16	022 560
501	Hexagon nut M3-6	022 564		501	Hexagon nut M3-6	022 564
502	Adjusting washer 4x8x0.5	023 384		502	Adjusting washer 4x8x0.5	023 384
503	Spring washer A3	021 005		503	Spring washer A3	021 005
507	Tension spring 8x0,9x75	021 287		507	Tension spring 8x0,9x75	021 287



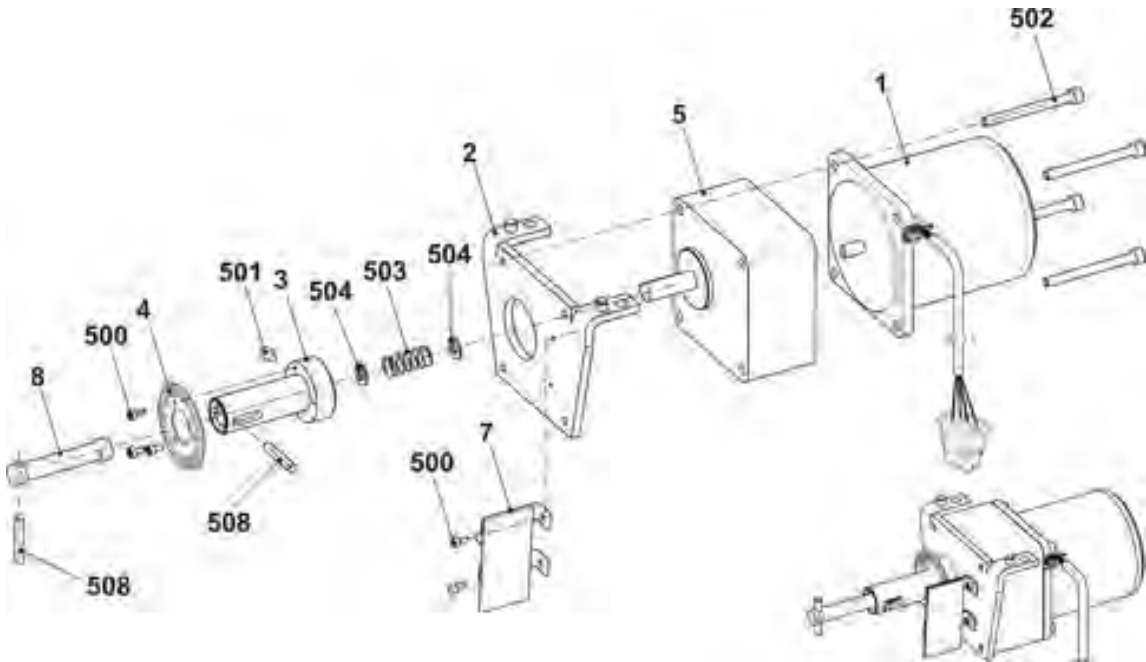
7.2 Take-down in the middle

Pos	Designation	Id		Pos	Designation	Id
Σ	Take-down in the middle	254 062				
3	Take-down motor complete auxiliary take-down	214 449		8	Detent plate	222 040
7	Shoulder screw	207 101		500	Cap screw M6x12	020 134



7.3 Motor

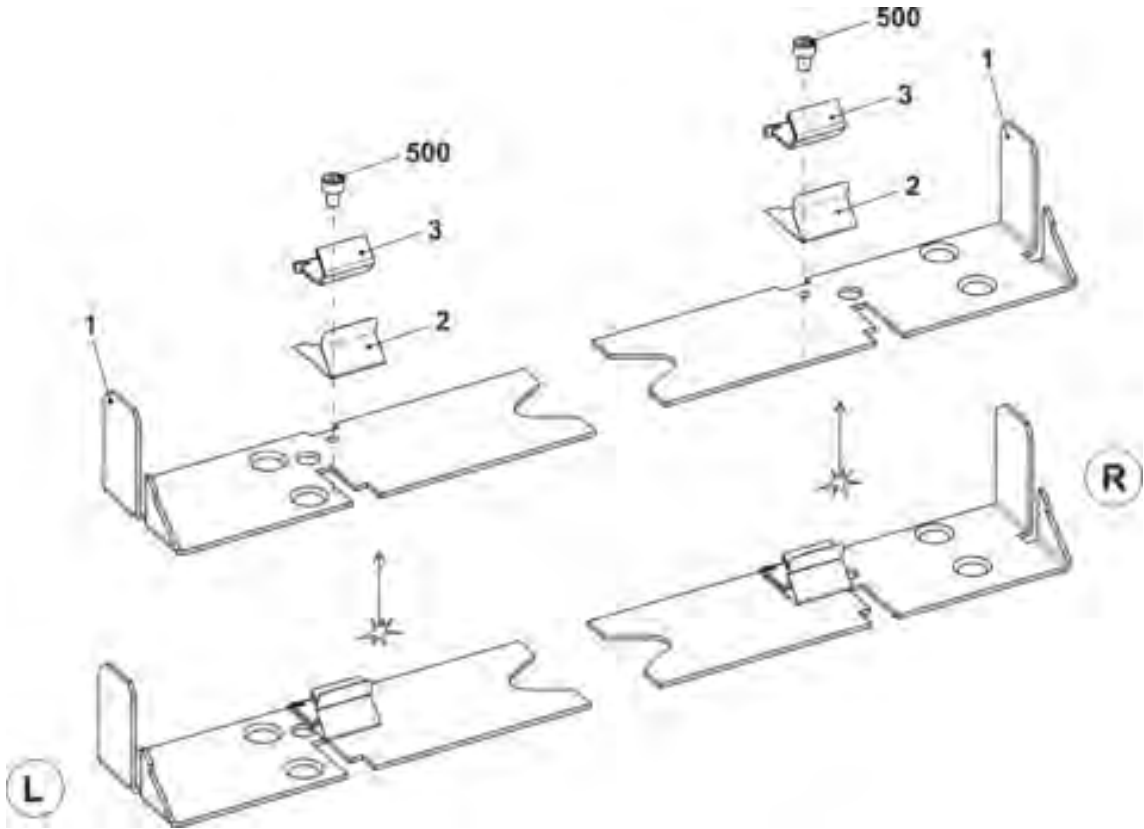
Pos	Designation	Id		Pos	Designation	Id
Σ	Motor auxiliary take-down complete	214 449		8	Shaft	219 025
1	Motor auxiliary take-down	213 871		500	Cap screw M3x6	022 589
2	Motor bracket	218 040		501	Set screw M6x10	023 543
3	Drive sleeve	219 024		502	Cap screw M5x55	023 321
4	Impulse disc	218 449		503	Compression spring 0.63x10.97x40	023 500
5	Gear 4GN36K	220 353		504	Adjusting washer 6x12x1	023 444
7	Photoelectric sensor Auxiliary take-down	217 462		508	Dowel pin 5x28	241 686



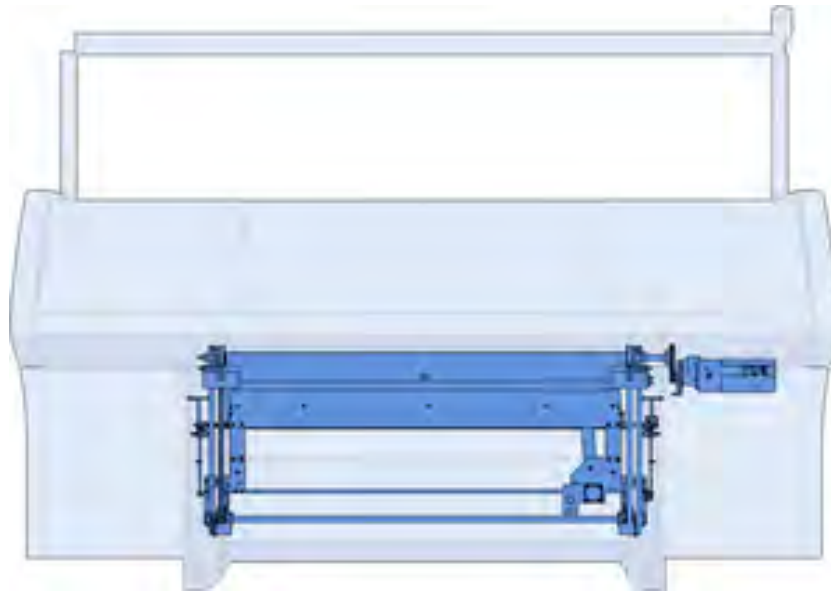
7.4 Yarn brake at clamping/cutting bed

7.4 Yarn brake at clamping/cutting bed

Pos	Designation	Id		Pos	Designation	Id
Σ L	Yarn brake on the left	256 740		Σ R	Yarn brake on the right	256 715
1	Cover on the left	256 739		3	Cover on the right	256 714
2	Leaf spring	256 712		1	Leaf spring	256 712
3	Test clamping plate	256 713		2	Test clamping plate	256 713
500	Cap screw M4X6	023 067		500	Cap screw M4X6	023 067

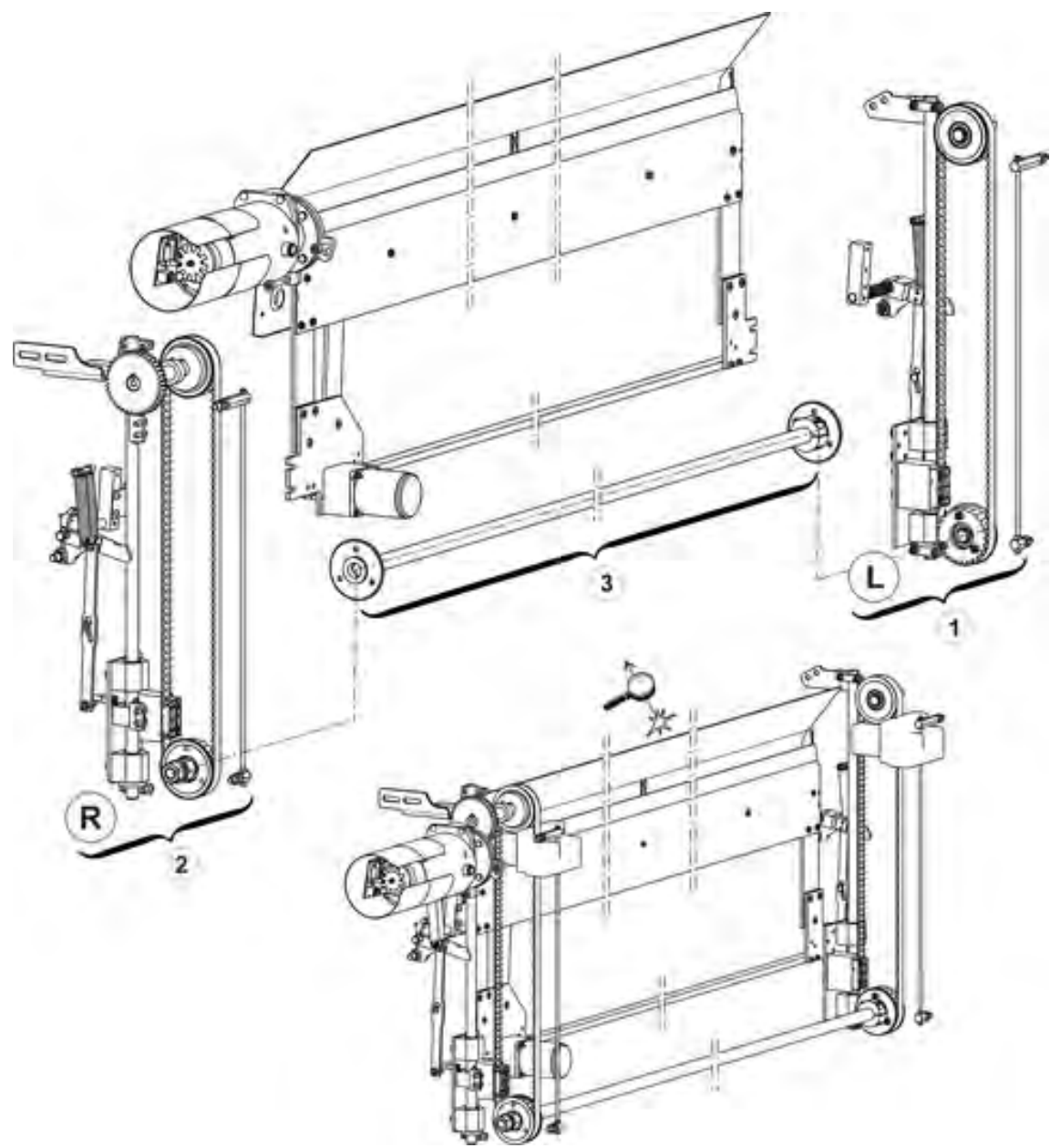


8 Comb take-down



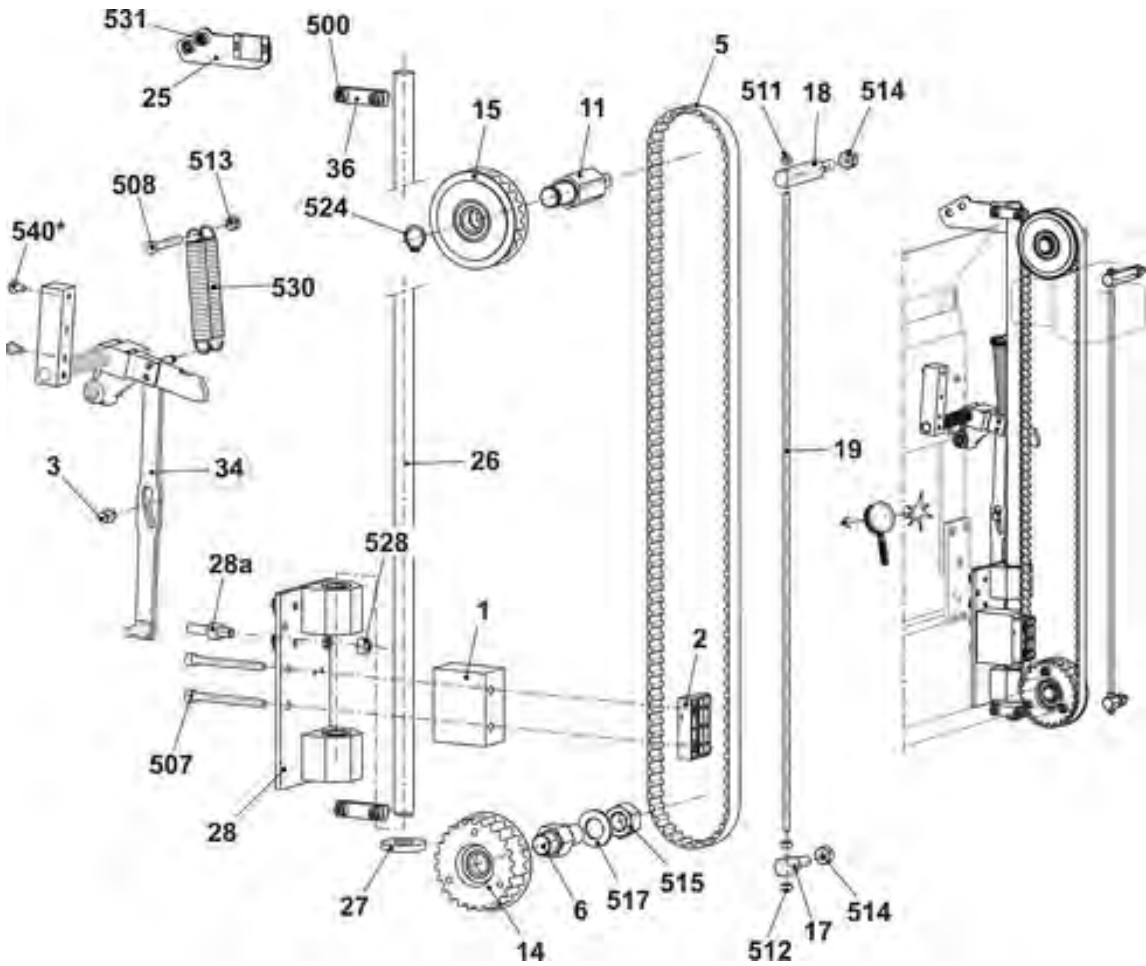
8.1 Comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down					
1	Comb take-down on the left	256 834		3	E12 E6.2 E6.2(12m.10)	253 522
2	Comb take-down on the right	256 835			E14 E7.2	253 590
3	Comb take-down in the middle				E16 E8.2	253 591
	E10	253 589			E18	253 592



8.2 Comb take-down on the left

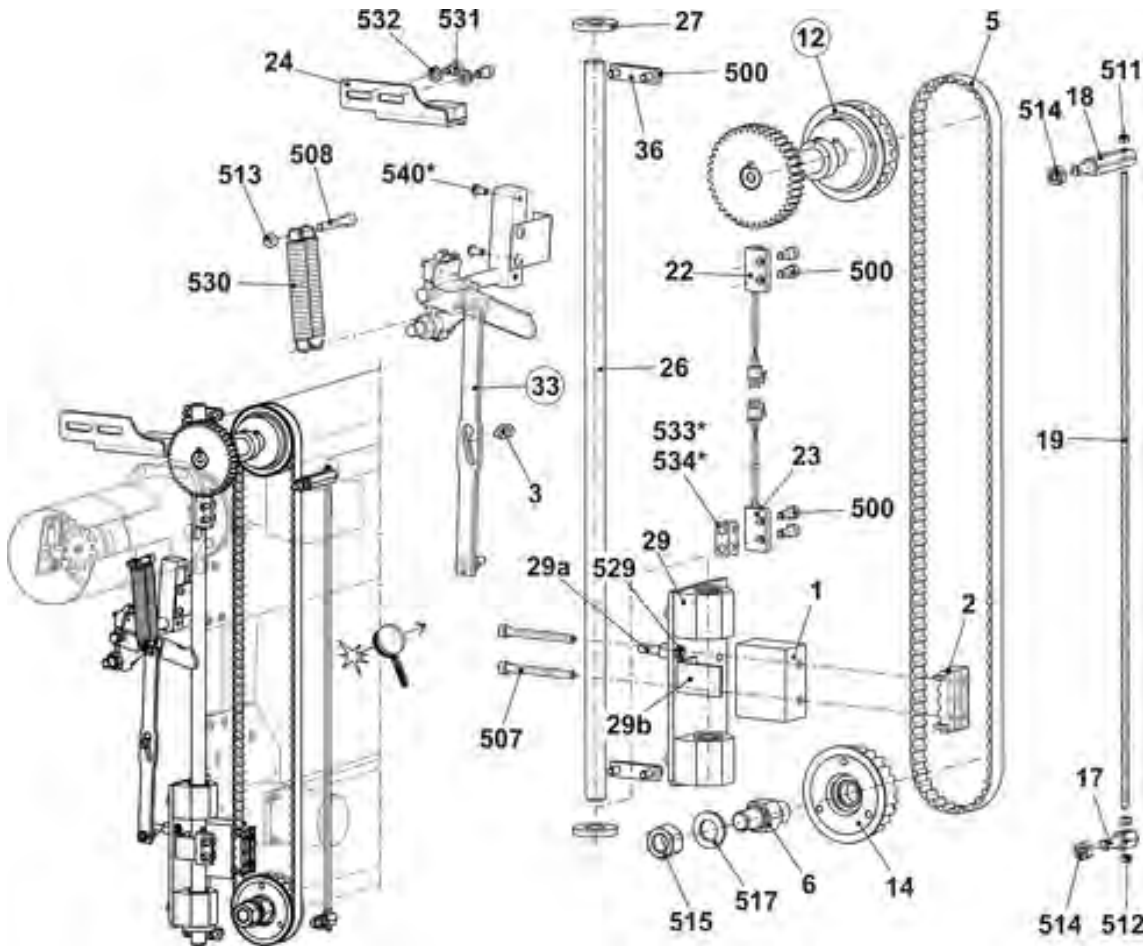
Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the left	256 834			
1	Clamping part	209 379	528	Hexagon nut M8-6	020 838
2	Presser plate	241 967	34	Swivel lever on the left	252 859
3	Bolt	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M8x25	020 135
6	Eccentric pin	222 320	507	Cap screw M6X65	240 162
11	Bolt	207 689	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
15	Toothed lock washer at the top complete	211 823	512	Hexagon nut M5-6	020 835
17	Stay bolt	222 315	513	Hexagon nut M6-6	020 836
18	Stay bolt	240 056	514	Hexagon nut M8-6	020 838
19	Threaded rod M5	240 057	515	Hexagon nut M16-6	020 845
25	Reflector complete	256 826	517	U-washer 16	020 876
26	Guide bar C35	206 560	524	Locking ring 17x1	023 299
27	Rubber buffer	206 561	530	Tension spring Din2097 15x1.50x70.94	251 614
28	Comb guide on the left	255 425	531	Cap screw M6x12	020 134
28a	Driving bolt	255 427	540*	Countersunk screw M5x10	023 247



8.3 Comb take-down on the right

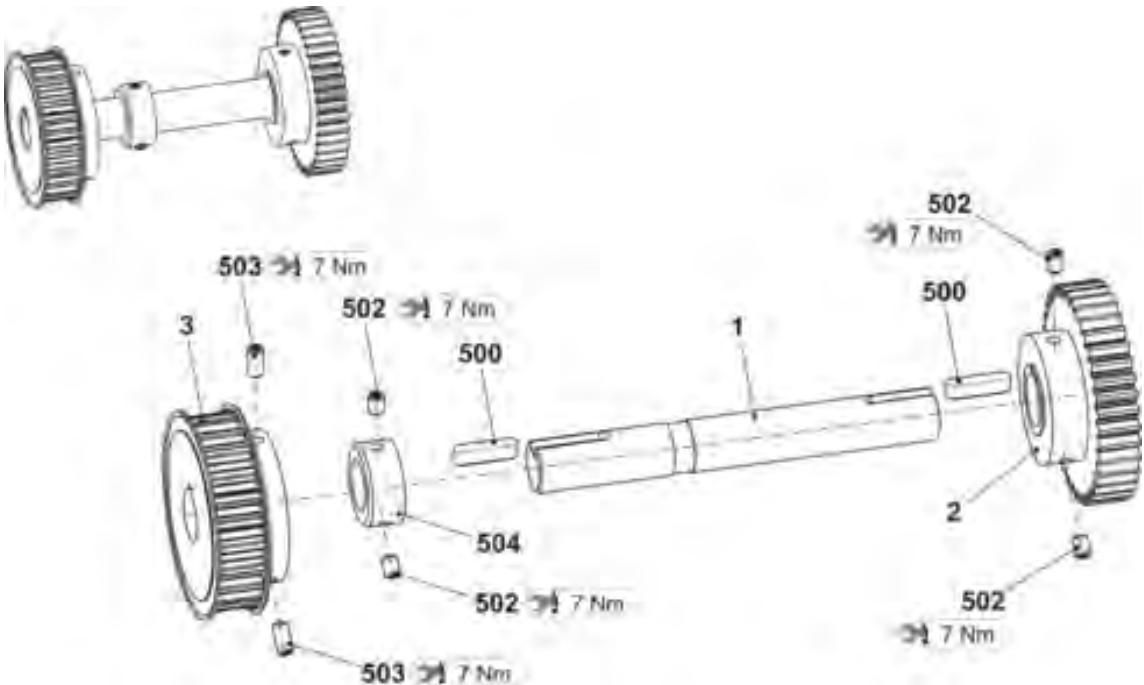
8.3 Comb take-down on the right

Pos	Designation	Id	Pos	Designation	Id
Σ	Comb take-down on the right	256 835			
1	Clamping part	209 379	529	Hexagon nut M8-6	020 838
2	Presser plate	241 967	33	Swivel lever on the right	252 858
3	Bolt	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M8x25	020 135
6	Eccentric pin	222 320	507	Cap screw M6X65	240 162
12	Drive shaft comb complete	214 583	508	Cap screw M6x45	022 689
14	Toothed lock washer at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
17	Stay bolt	222 315	512	Hexagon nut M5-6	020 835
18	Stay bolt	240 056	513	Hexagon nut M6-6	020 836
19	Threaded rod M5	240 057	514	Hexagon nut M8-6	020 838
22	Proximity switch inductive at the top	231 516	515	Hexagon nut M16-6	020 845
23	Proximity switch inductive at the bottom	231 520	517	U-washer 16	020 876
24	Photoelectric sensor complete	256 825	530	Tension spring 15x1.50x70.94	251 614
26	Guide bar C35	206 560	531	Cap screw M6x12	020 134
27	Rubber buffer	206 561	532	U-washer 6	020 872
29	Comb guide on the right	255 424	533*	Shim 0.2x12x27	023 735
29a	Driving bolt	255 427	534*	Shim 0.5x12x27	023 736
29b	Angle	240 112	540*	Countersunk screw M5x10	023 247



8.3.1 Drive shaft of comb

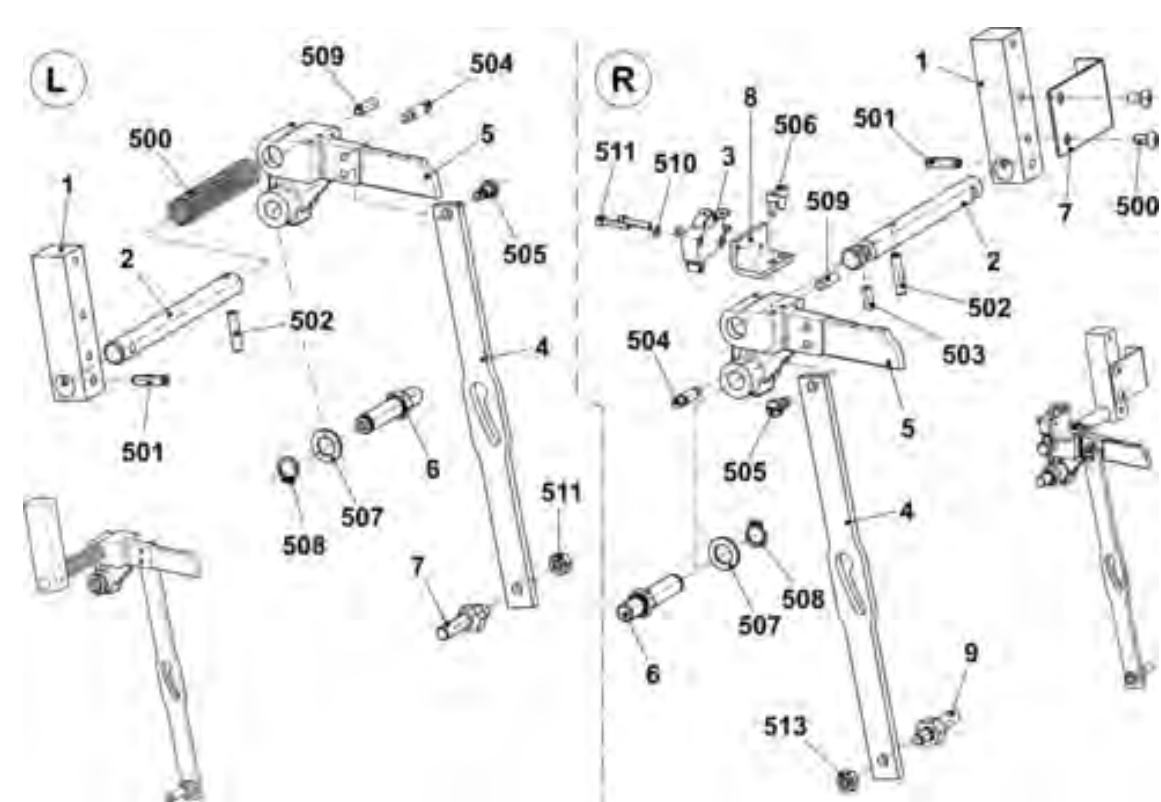
Pos	Designation	Id		Pos	Designation	Id
Σ	Drive shaft comb complete	214 583				
1	Shaft	213 969		500	Feather key A 6x6x25	023 017
2	Gear wheel Z=40, M=2	213 744		502	Setscrew M6x8	022 684
	Always order position 502 additionally			503	Setscrew M6x12	023 898
3	Toothed belt disc at the top	206 394		504	Set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



8.3 Comb take-down on the right

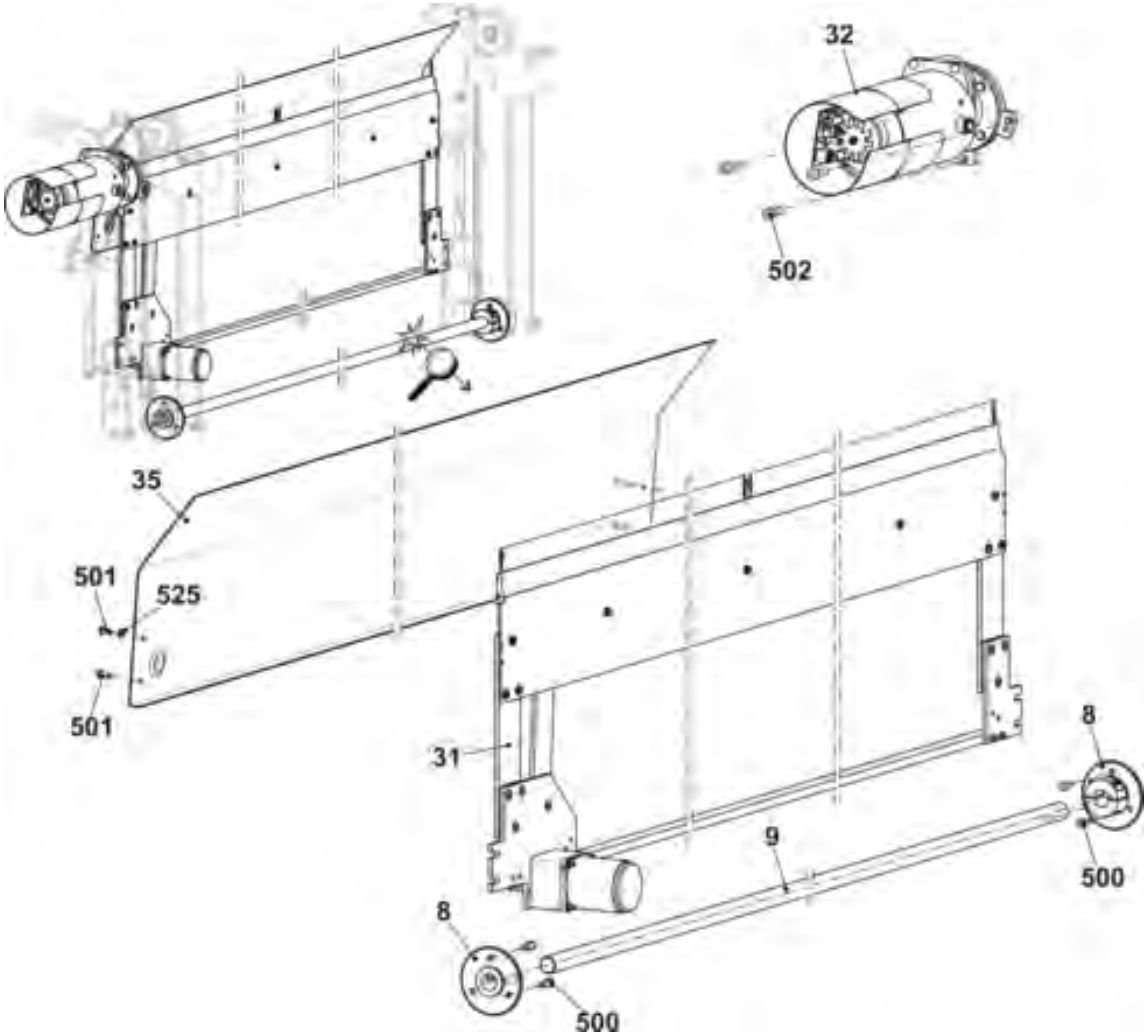
8.3.2 Swivel lever comb take-down

Pos	Designation	Id		Pos	Designation	Id
Σ L	Swivel lever on the left	252 859		Σ R	Swivel lever on the right	252 858
1	Support	252 780		1	Support	252 780
2	Shaft	223 994		2	Shaft	238 339
4	Plunger	255 650		3	Microswitch	026 259
5	Swivel lever	239 248		4	Plunger	255 650
6	Bolt	214 053		5	Swivel lever	239 248
7	Eccentric bolt	255 651		6	Bolt	214 053
500	Compression spring 1,4x13,6x93	023 572		7	Angle	224 009
501	Spring dowel sleeve ISO8752-5x20	020 794		8	Angle	238 304
502	Dowel pin 5x22	023 716		9	Eccentric bolt	255 651
504	Shoulder screw M5x29x35	251 618		500	Countersunk screw M5x10	023 247
505	Shoulder screw M5x5.8x6.2	023 365		501	Spring dowel sleeve 5x20	020 794
507	U-washer 10	020 884		502	Dowel pin 5x22	023 716
508	Locking ring	020 950		503	Spring dowel sleeve 5x12	020 793
509	Shoulder screw M5x12x18	020 539		504	Shoulder screw M5x29x35	251 618
511	Hexagon nut M8-6	020 838		505	Shoulder screw M5x5.8x6.2	023 365
				506	Cap screw M4x8	022 501
				507	U-washer 10	020 884
				508	Locking ring 10x1	020 950
				509	Shoulder screw M5x12x18	020 539
				510	Shoulder screw M3x16	022 583
				511	U-washer 3	020 877
				513	Hexagon nut M8-6	020 838



8.4 Comb take-down in the middle

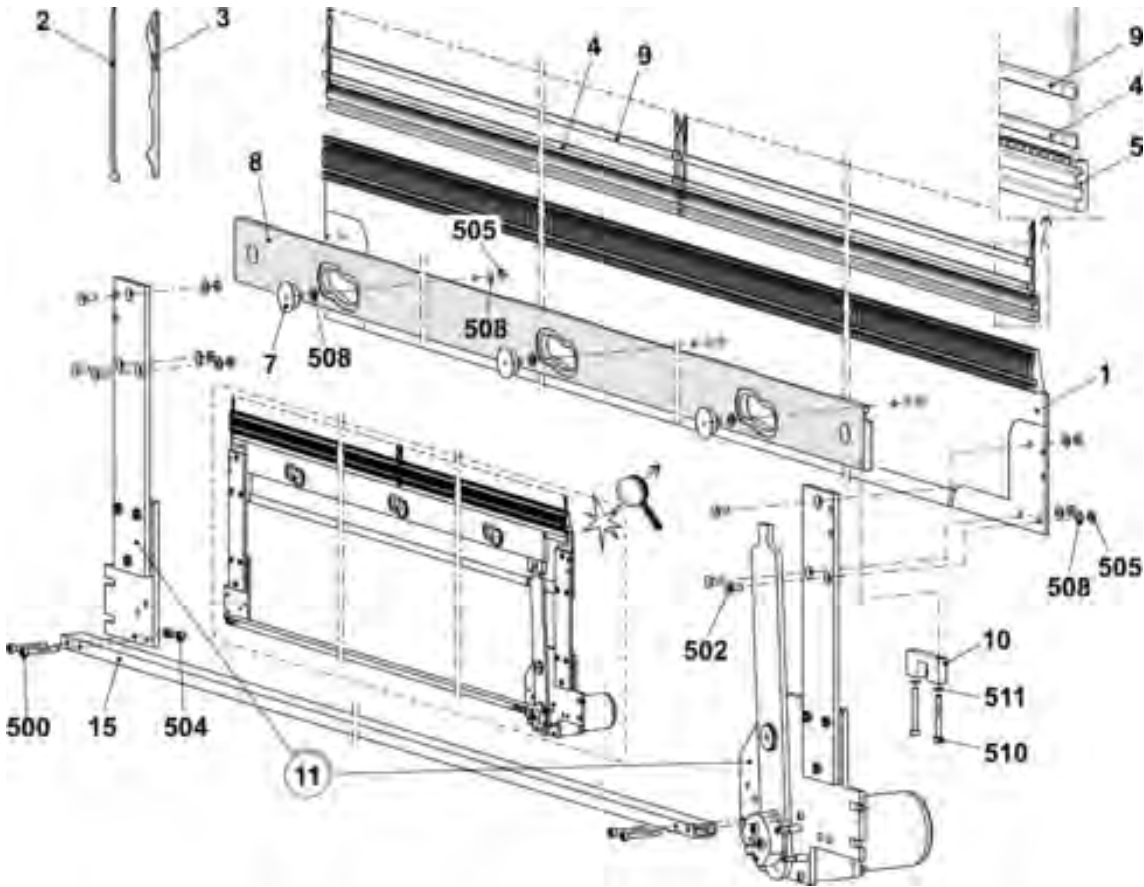
Pos	Designation	Id		Pos	Designation	Id
Σ	Comb take-down in the middle			31	Comb unit	
	E10	253 589			E10	241 533
	E12 E6.2 E6.2(12m.10)	253 522			E12 E6.2 E6.2(12m.10)	240 061
	E14 E7.2	253 590			E14 E7.2	241 534
	E16 E8.2	253 591			E16 E8.2	241 535
	E18	253 592			E18	241 536
8	Flange	207 695		32	Motor take-down unit complete	253 803
9	Shaft long	213 968		35	Guide plate	252 828
500	Cap screw M6x16	020 135		502	Cap screw M8X25	020 142
501	Countersunk screw M5x10	023 247		525	Serrated lock washer J5.3	022 489



8.4 Comb take-down in the middle

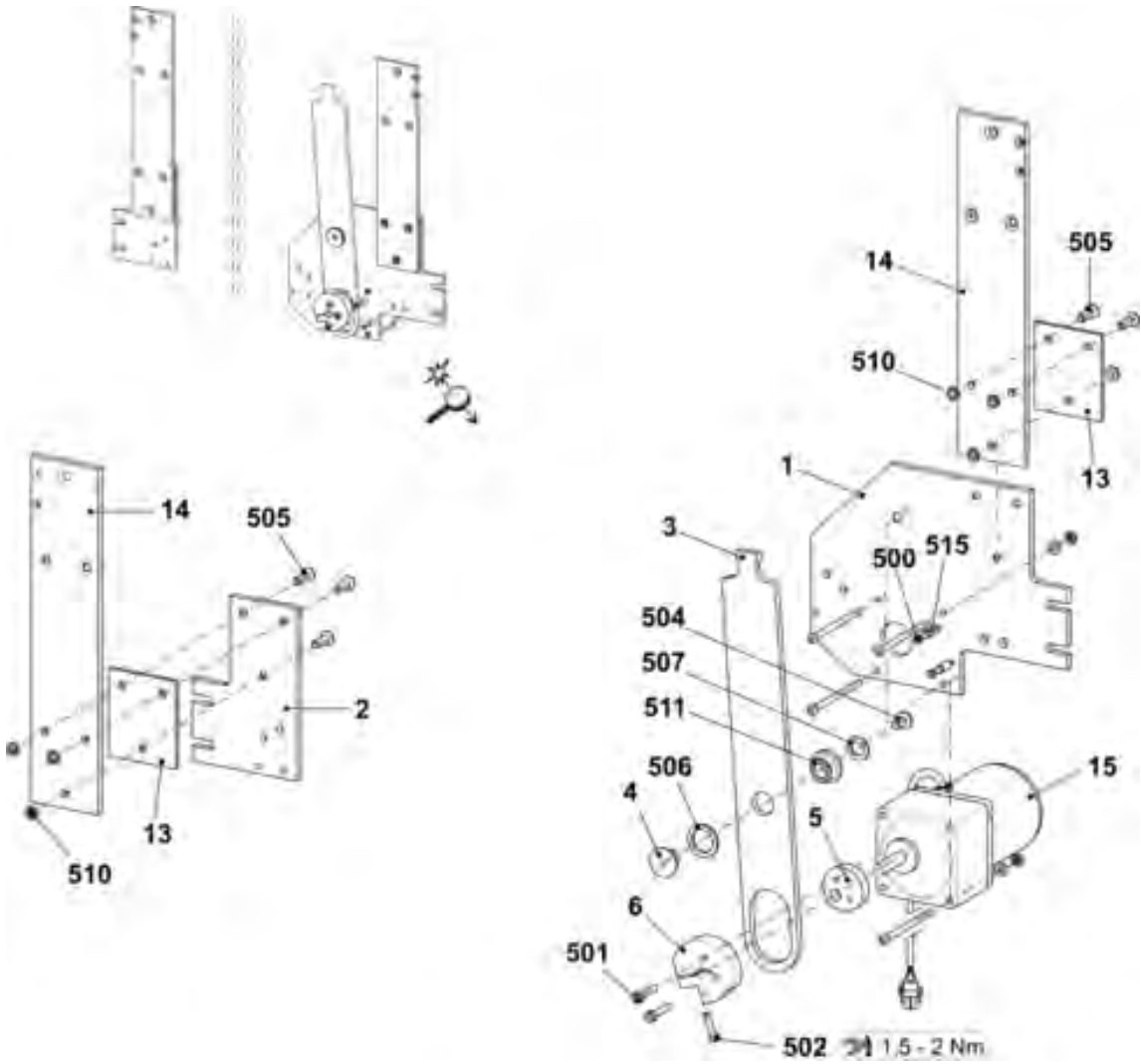
8.4.1 Comb unit

Pos	Designation	Id		Pos	Designation	Id
Σ	Comb unit			5	Hook slider	
	E10	241 533			E10	220 996
	E12 E6.2 E6.2(12m.10)	240 061			E12 E16 E6.2 8.2 E6.2(12m.10)	220 994
	E14 E7.2	241 534			E14 E7.2	220 993
	E16 E8.2	241 535			E18	220 997
	E18	241 536				
1	Hook bed			7	Collar bolt complete	211 036
	E10	221 196		8	Cross slider	213 429
	E12 E6.2 E6.2(12m.10)	221 197		9	Cover rail	222 866
	E14 E7.2	221 198		10	Plunger	205 678
	E16 E8.2	221 199		11	Switch lever complete	240 060
	E18	221 200		15	Stabilizator	215 253
2	Closer			500	Cap screw M4x30	023 290
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	230 106		502	Countersunk head screw M5x12	023 340
	E16 E18 E8.2	230 107		504	Hexagon nut M4-8	023 046
3	Body			505	Hexagon nut M5-04	020 854
	E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	230 094		508	U-washer 5	020 871
	E16 E18 E8.2	230 095		510	Cap screw M4x35	023 550
4	Cover rail	213 428		511	Circlip	022 774



8.4.2 Switch lever comb take-down

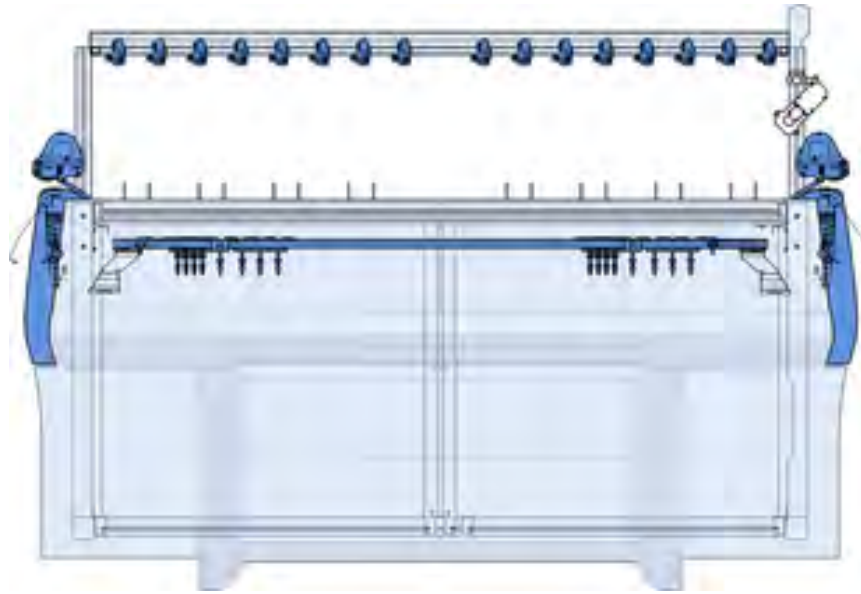
Pos	Designation	Id		Pos	Designation	Id
Σ	Switch lever complete	235 690		500	Cap screw M3x25	023 093
1	Screwing plate on the right	232 968		501	Cap screw M4x20	023 171
2	Screwing plate on the left	240 059		502	Cap screw M4x16	023 123
3	Lever	215 228		504	Countersunk screw M6x12	023 435
4	Bearing bolt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



8.4 Comb take-down in the middle

Notes:

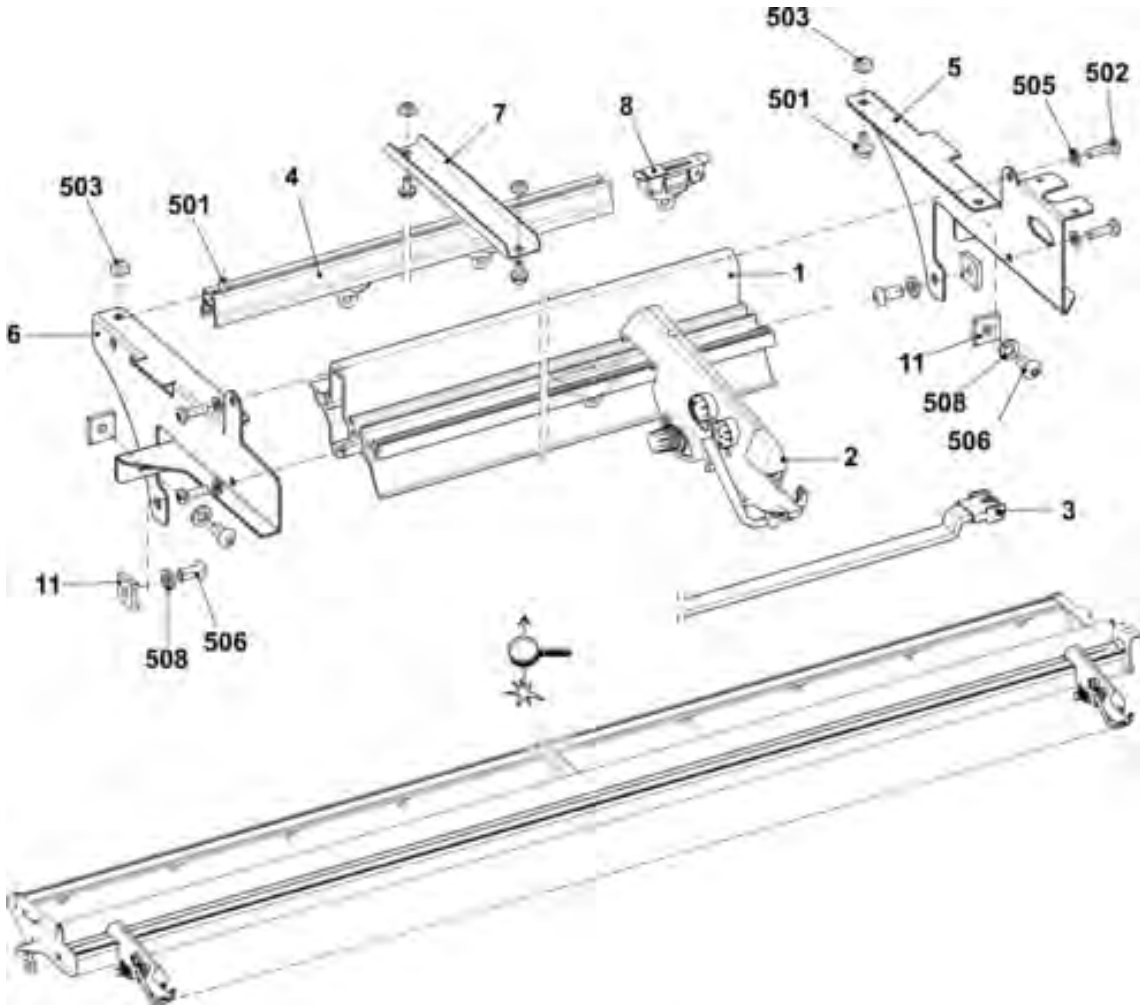
9 Yarn delivery device



9.1 Yarn guide system with 12 and 14 FKE

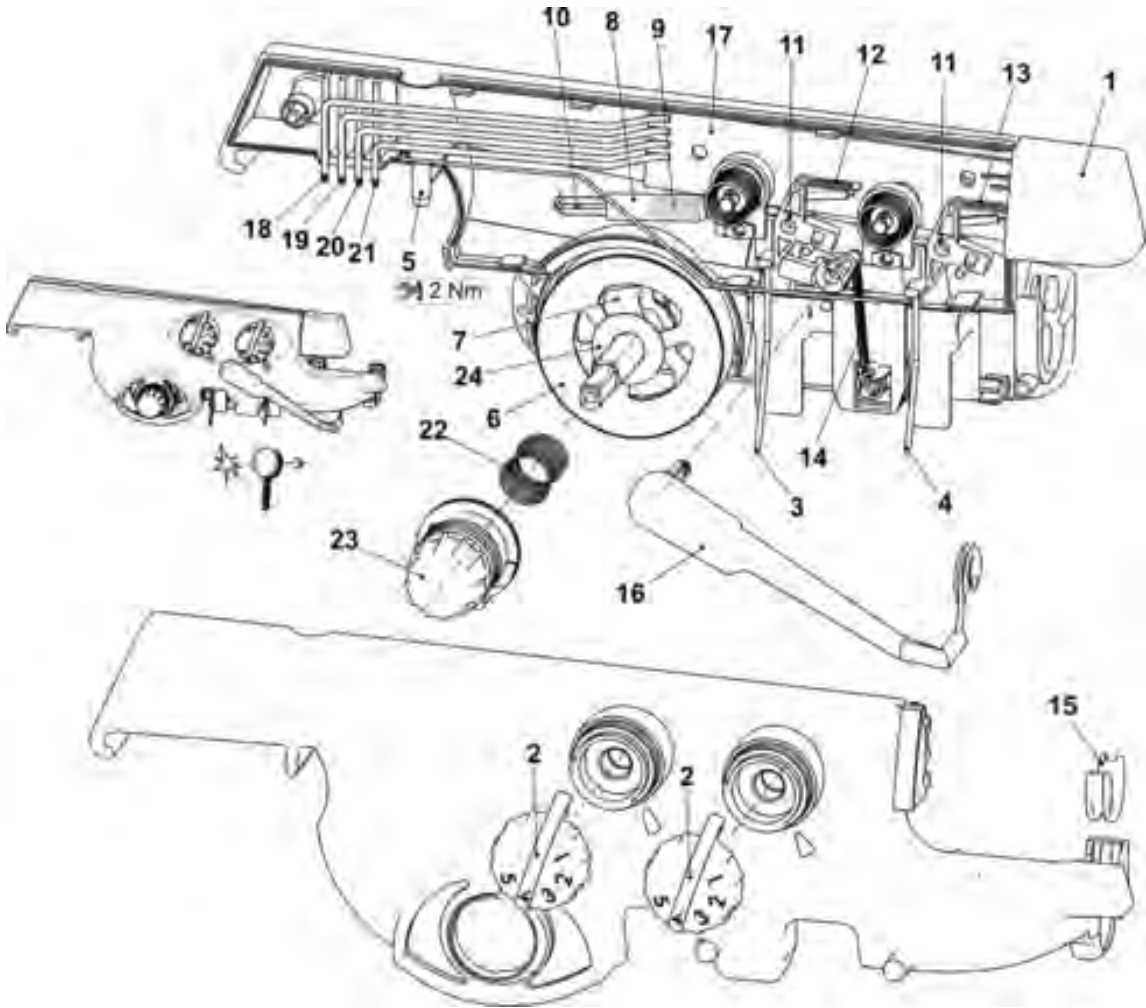
9.1 Yarn guide system with 12 and 14 FKE

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn guide system 12 FKE	241 589		8	Yarn guide bracket complete	241 581
	Yarn guide system 14 FKE	241 587		11	Sliding block	228 851
1	Support	243 110		501	Self-locking screw M6x12	023 415
2	Yarn control device (FKE)	237 124		502	Screw M6x20	023 721
3	Connection cable FKE	254 056		503	Ribbed lock washer M6-10	023 414
4	Yarn guide bar	240 324		505	U-washer 6-200	022 431
5	Support on the right	251 629		506	Pan-head screw M8x16	023 113
6	Support on the left	251 630		508	Serrated lock washer	023 388
7	Support	243 792				



9.2 Yarn control unit

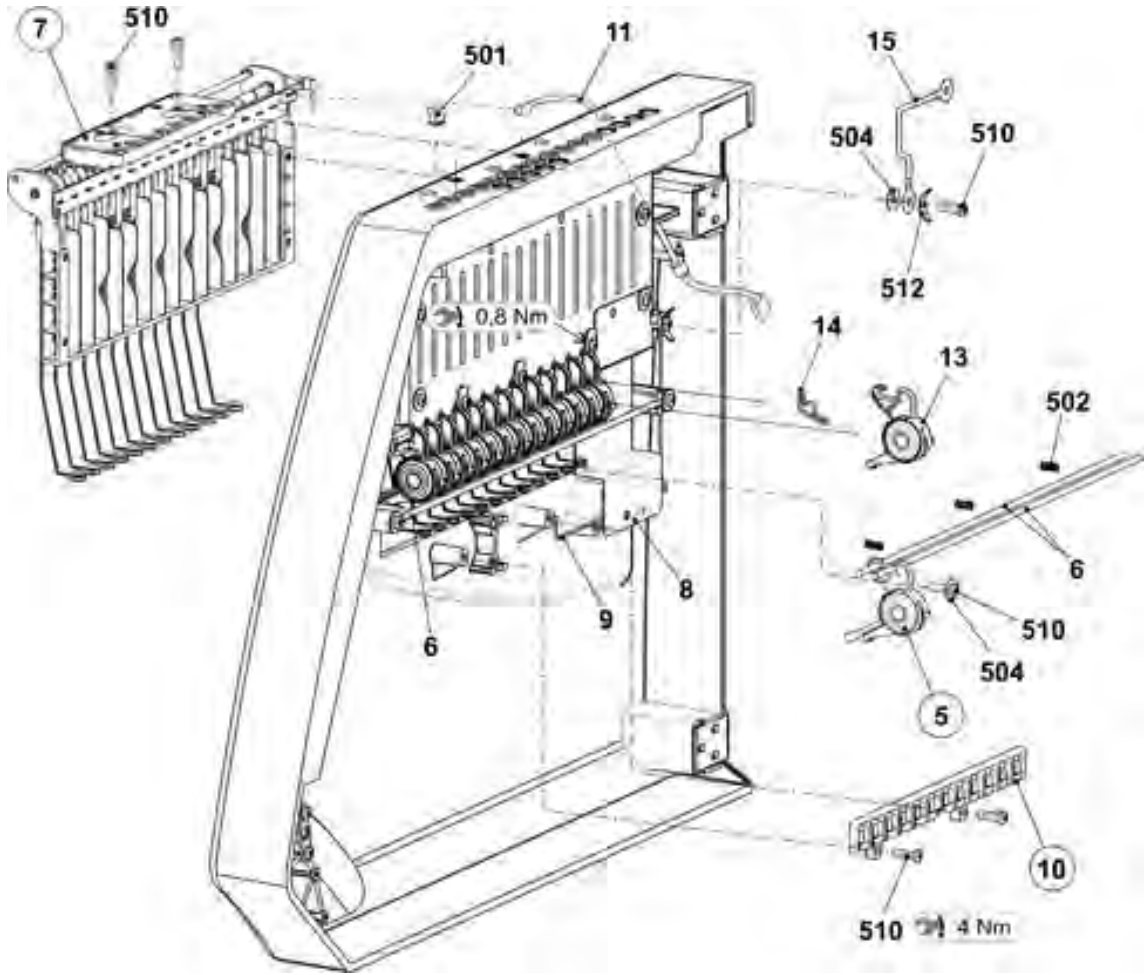
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn control unit	237 124			
1	Lamp cap	251 166	13	Tension spring	253 040
2	Turning knob	251 167	14	Tension spring	253 041
3	Knot detector for large knots	251 168	15	Ceramic eyelet open	240 733
4	Knot detector for mall knots	251 169	16	Stop bow	253 043
5	Screw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



9.3 Left yarn guide

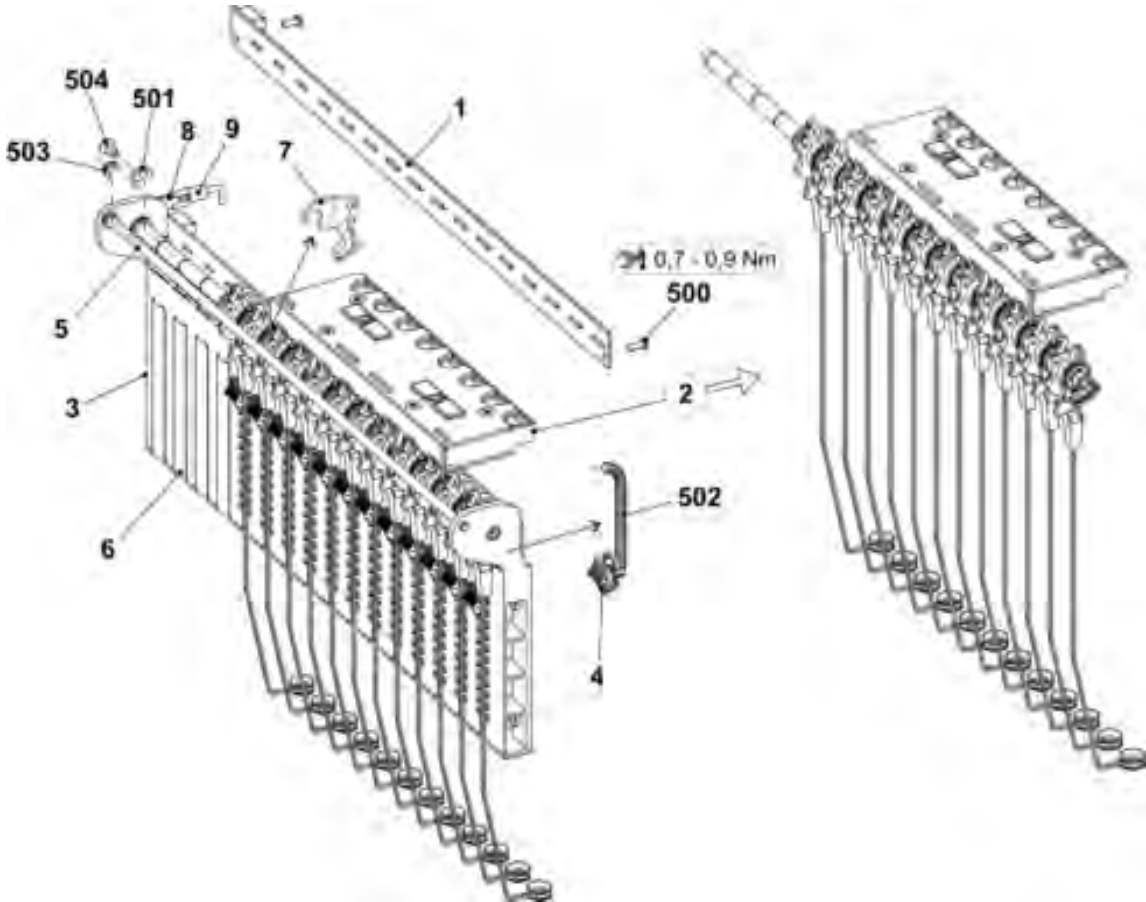
9.3 Left yarn guide

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety cover on the left complete		10	Yarn deflector	242 011
	E6.2	241 272	11	Connection cable yarn	240 808
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 273	13	Yarn brake not adjustable	244 356
			14	Clamping bow	244 409
5	Yarn brake complete	244 347	15	Ground cable	244 404
6	Shaft	241 318	501	Ceramic eyelet	240 640
7	Yarn tensioner on the left complete		502	Compression spring 0.90x5.40x13.60	241 360
	E6.2	241 364	504	U-washer 6	022 537
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 365	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117
9	Wire bow on the left	241 370			



9.3.1 Left yarn tensioner

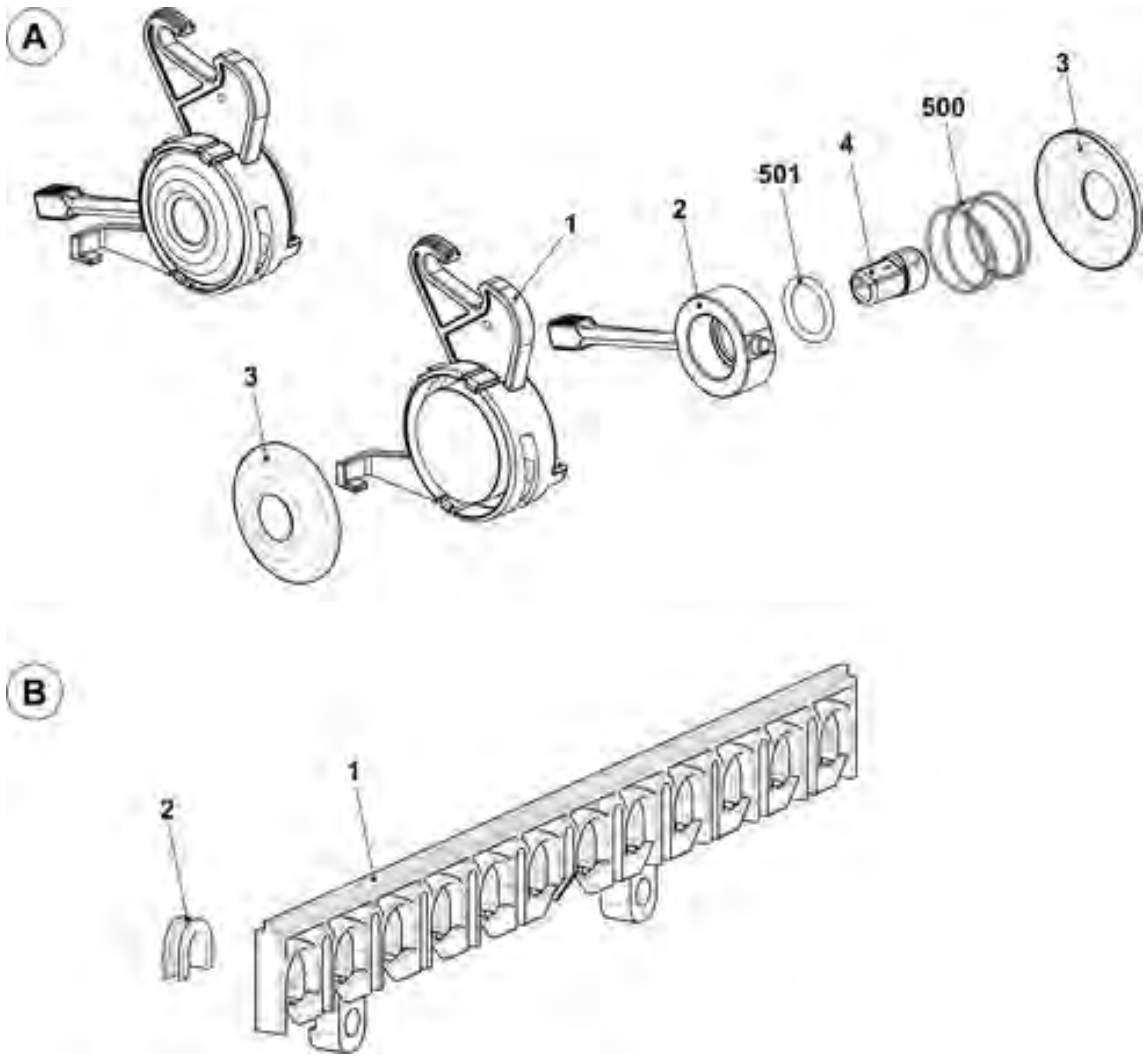
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete			6	Cover	242 268
	E6.2	241 364		7	Spacer	242 048
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 365		8	Grounding sheet metal of tension axle	243 121
				9	Ground cable yarn tensioner	243 105
1	Card yarn tensioner 16-fold on the left	241 345		500	Cap screws M30x8	236 228
2	Tension axle on the left complete			501	Circlip	021 022
	E6.2	241 366		502	Tension spring 4,9x0,5x53 (E6.2)	023 503
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381			Tension spring 4,9x0,45x53 E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	023 504
				503	Circlip	021 020
3	Housing	241 367		504	Countersunk screw M4x10	241 914
4	Slider	241 694				
5	Stop point	241 368				



9.3 Left yarn guide

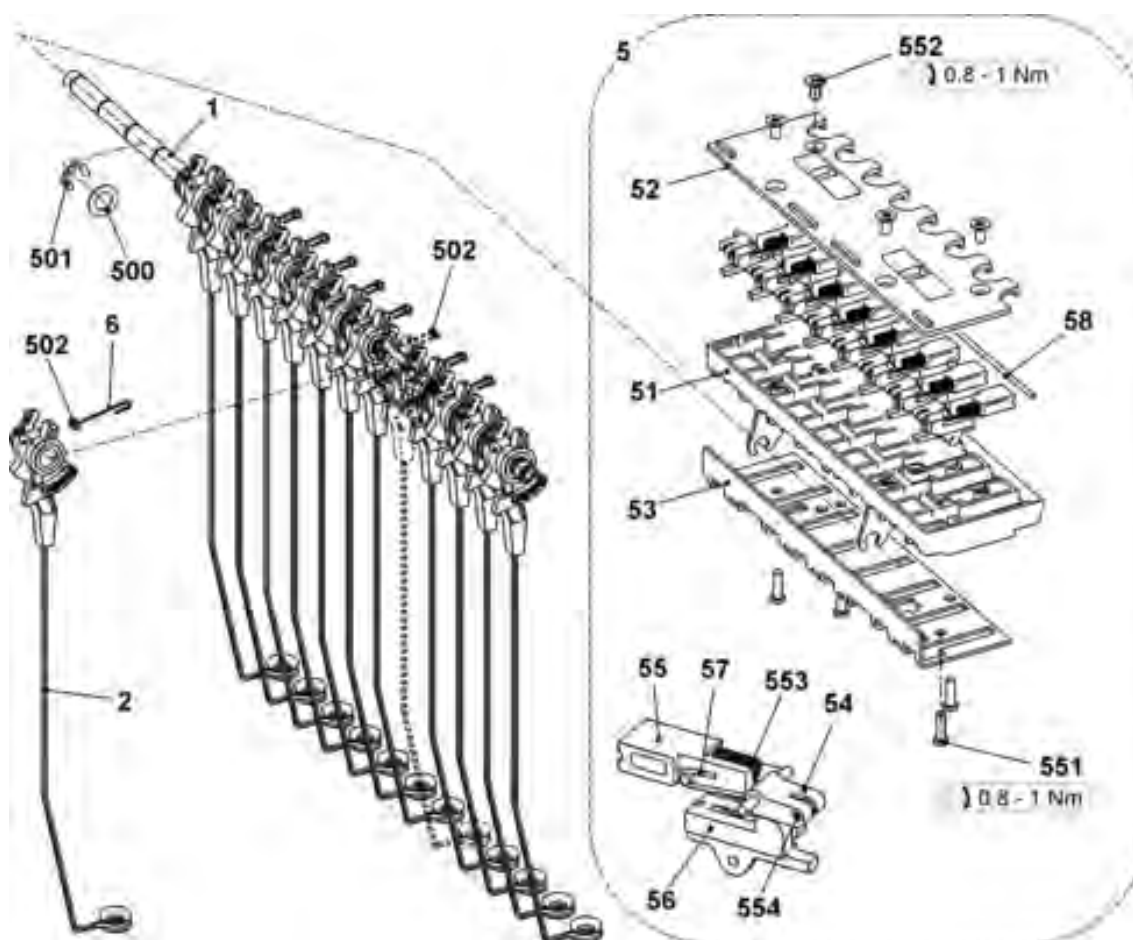
9.3.2 Yarn brake and yarn deflector

Pos	Designation	Id		Pos	Designation	Id
A	Yarn brake complete	244 347		B	Yarn deflector	242 011
1	Support	240 607		1	Support yarn deflector	242 009
2	Slider	240 606		2	Ceramic eyelet open	240 733
3	Brake disk	244 355				
4	Ceramic eyelet open	243 778				
500	Compression spring 0.65x20.15x14.80	241 361				
501	O-ring 11x2	241 434				



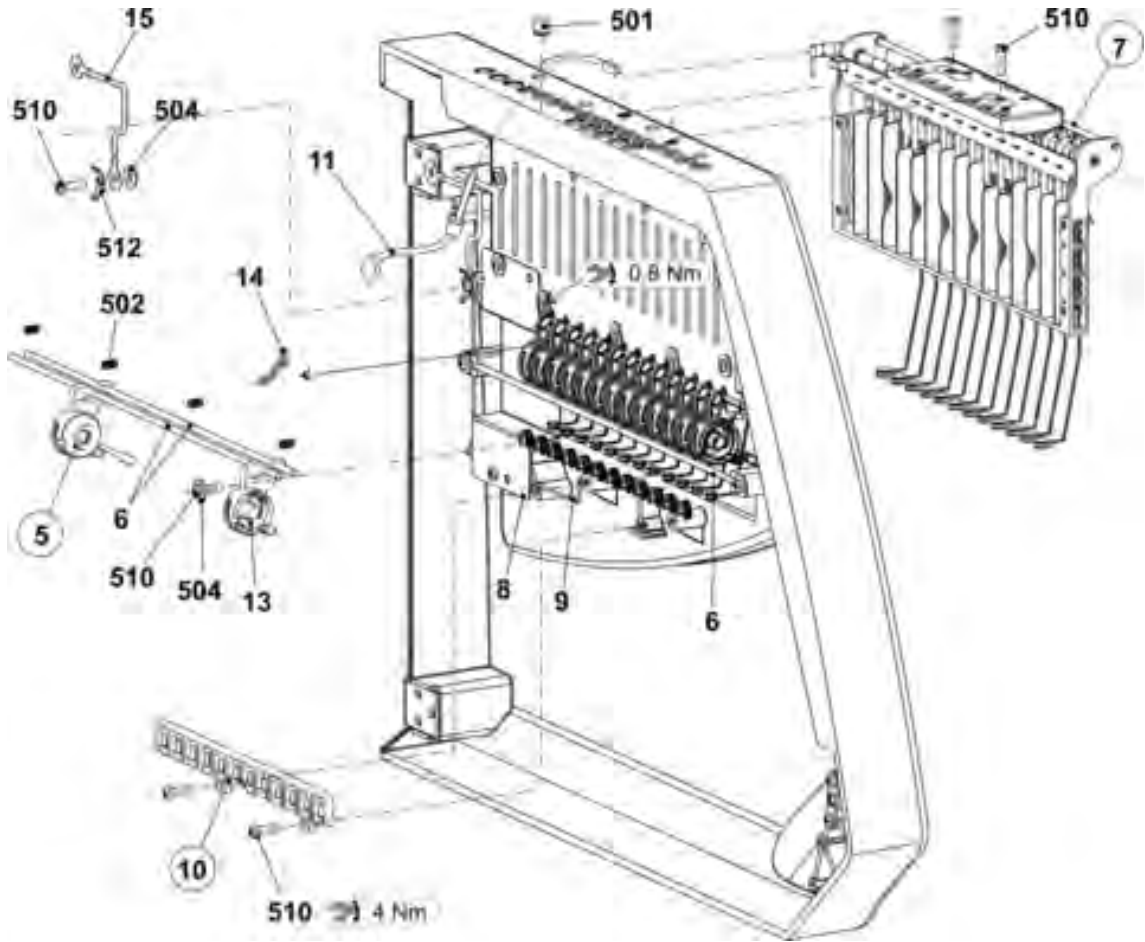
9.3.3 Left tension axle

Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle on the left complete			Σ 5	Thread clamp AKF	238 695
	E6.2	241 366		51	Housing AKF	238 689
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 381		52	Cover AKF	237 926
1	Axle	243 107		53	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled			54	Lever AKF	238 692
	E6.2	242 770		55	Thrust piece AKF	238 690
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	242 771		56	Slider AKF	238 691
6	Wire bow	238 694		57	Wire bow	238 694
500	Adjusting washer4x8x0 8x14x0,5	023 501		58	Wire	237 940
501	Circlip	021 022		551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172		552	Screw KB 40x8	236 227
				553	Compression spring 0.30x4.50x18.50	241 437
				554	Grooved pin 2x6	243 172



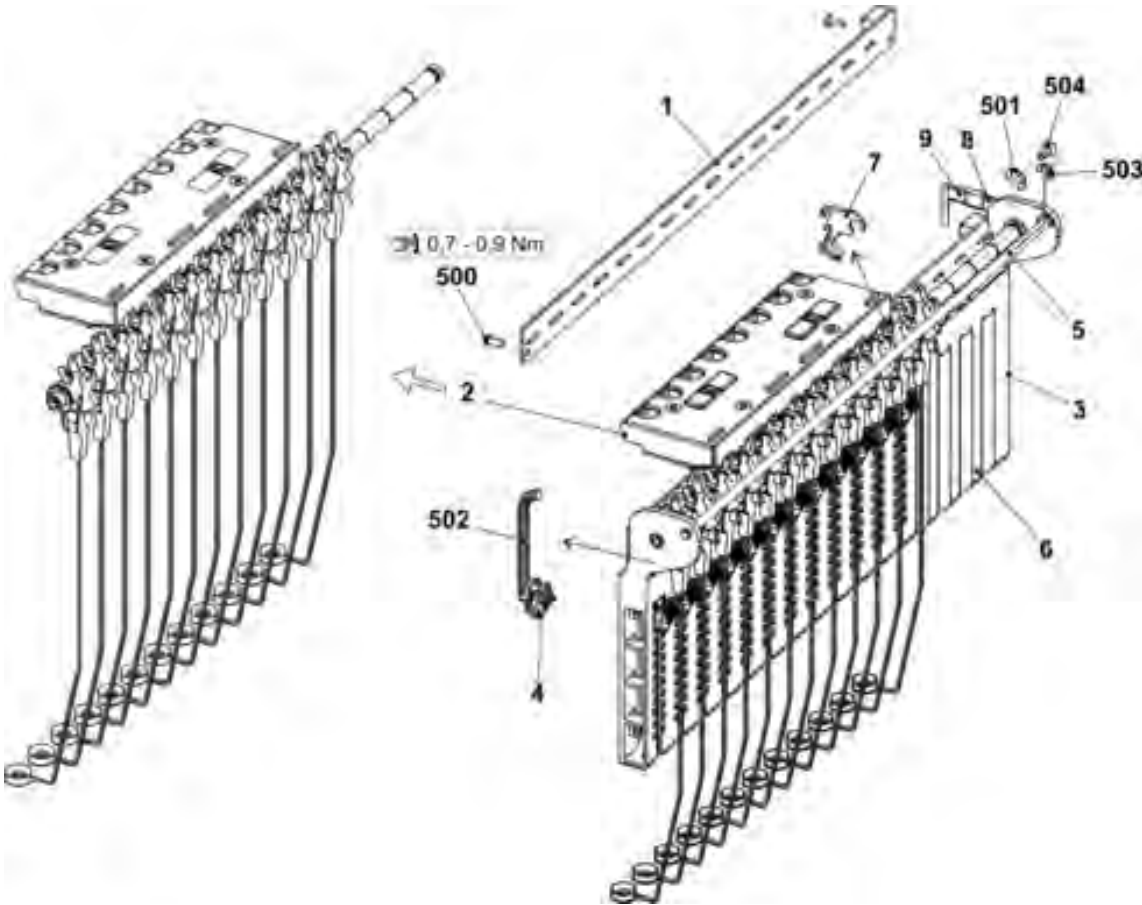
9.4 Right yarn guide

Pos	Designation	Id	Pos	Designation	Id
Σ	Safety cover on the right complete		10	Yarn deflector	242 011
	E6.2	241 275	11	Connection cable yarn	240 808
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 276	13	Yarn brake not adjustable	244 356
			14	Clamping bow	244 409
5	Yarn brake complete	244 347	15	Ground cable	244 404
6	Shaft	241 318	501	Ceramic eyelet	240 640
7	Yarn tensioner on the right complete		502	Compression spring 0.90x5.40x13.60	241 360
	E6.2	241 383	504	U-washer 6	022 537
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 384	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117
9	Wire bow on the right	241 369			



9.4.1 Right yarn tensioner

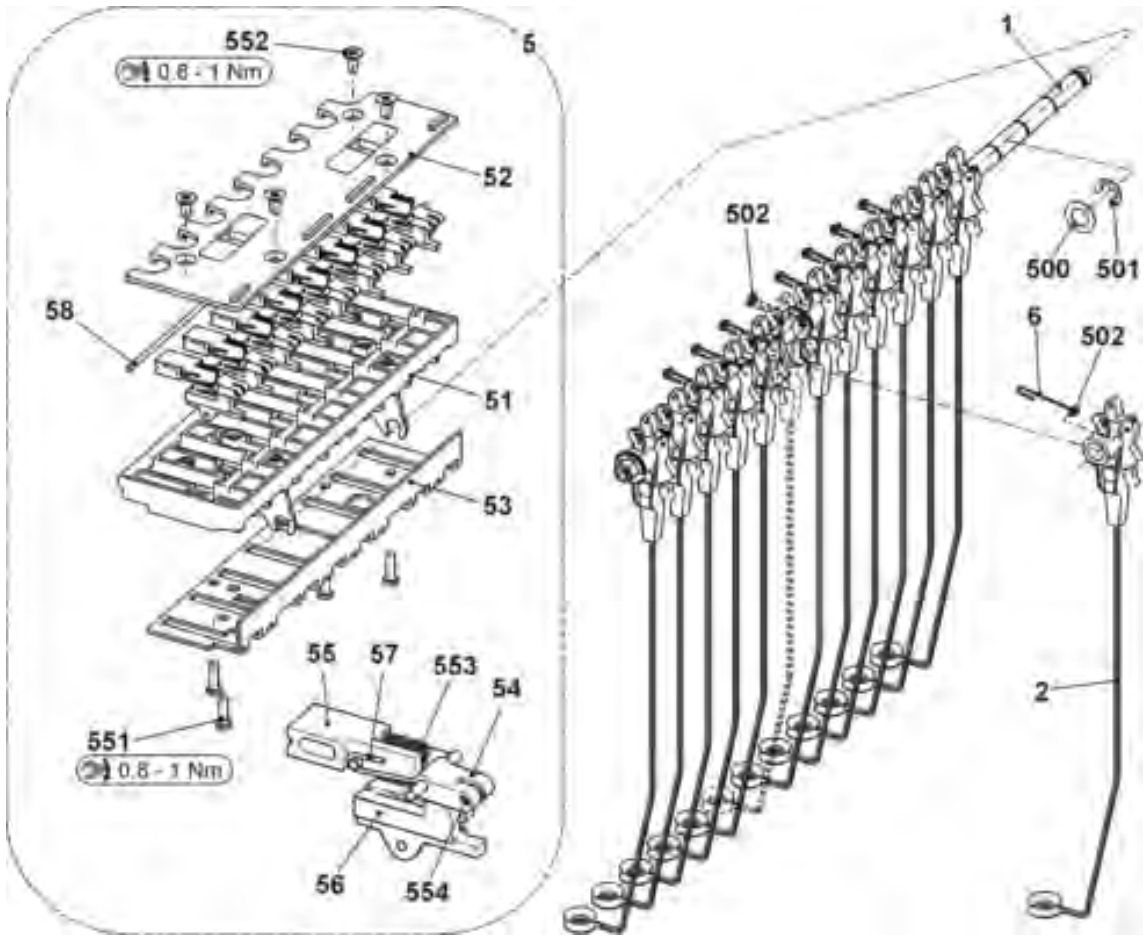
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete			6	Cover	242 268
	E6.2	241 383		7	Spacer	242 048
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 384		8	Grounding sheet metal of tension axle	243 121
				9	Ground cable yarn tensioner	243 105
1	Card yarn tensioner 16-fold on the right	241 346		500	Cap screws M30x8	236 228
2	Tension axle on the right complete			501	Circlip	021 022
	E6.2	241 379		502	Tension spring 4,9x0,5x53 (E6.2)	023 503
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	241 380			Tension spring 4,9x0,45x53 E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	023 504
				503	Circlip	021 020
3	Housing	241 367		504	Countersunk screw M4x10	241 914
4	Slider	241 694				
5	Stop point	241 368				



9.4 Right yarn guide

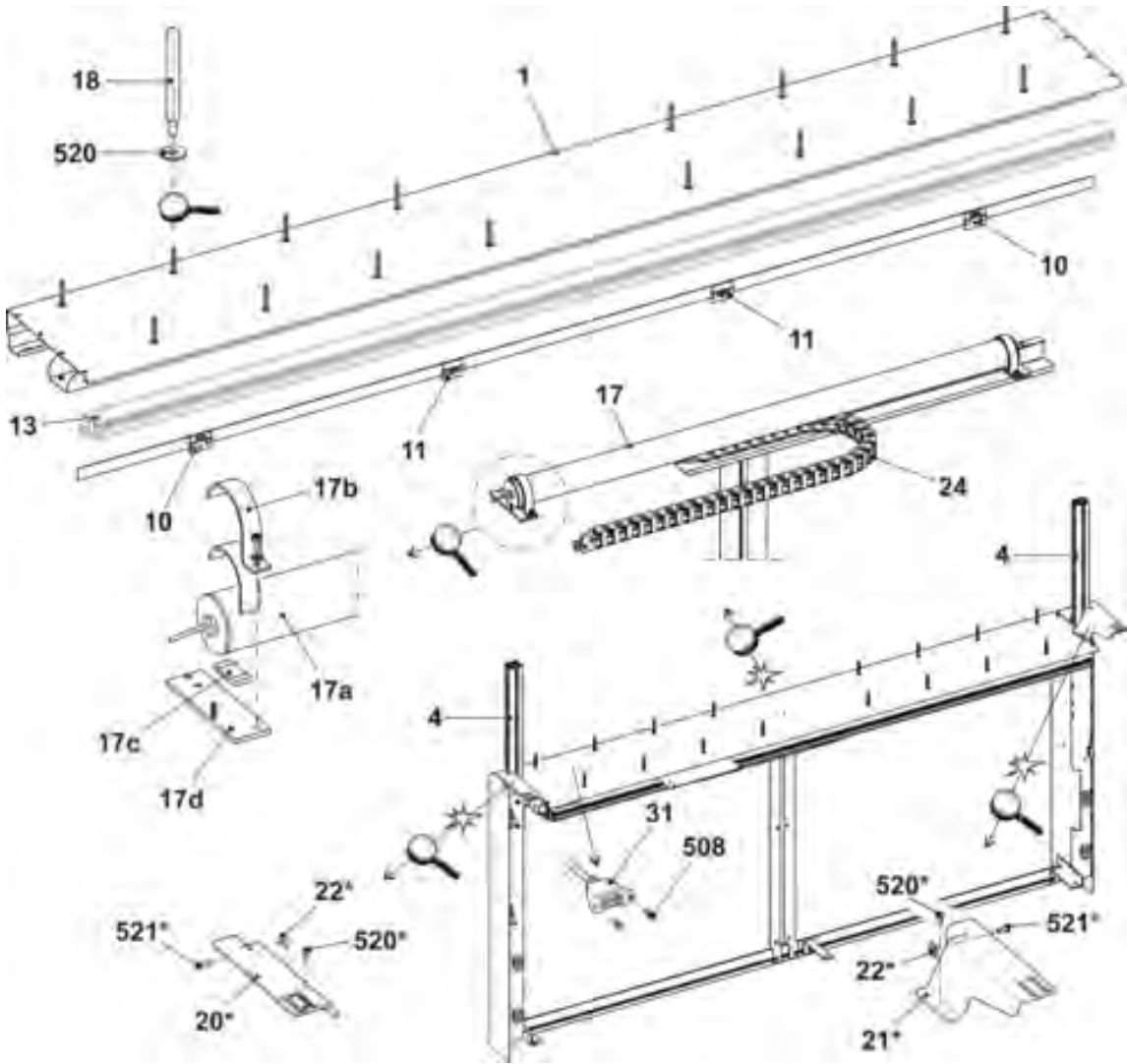
9.4.2 Right tension axle

Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle on the right complete			Σ 5	Thread clamp AKF	238 695
	E6.2	241 379		51	Housing AKF	238 689
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	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
	E6.2	242 770		55	Thrust piece AKF	238 690
	E10 E12 E14 E16 E18 E7.2 E8.2 E6.2(12m.10)	242 771		56	Slider AKF	238 691
6	Wire bow	238 694		57	Wire bow	238 694
500	Adjusting washer4x8x0 8x14x0,5	023 501		58	Wire	237 940
501	Circlip	021 022		551	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172		552	Screw KB 40x8	236 227
				553	Compression spring 0.30x4.50x18.50	241 437
				554	Grooved pin 2x6	243 172



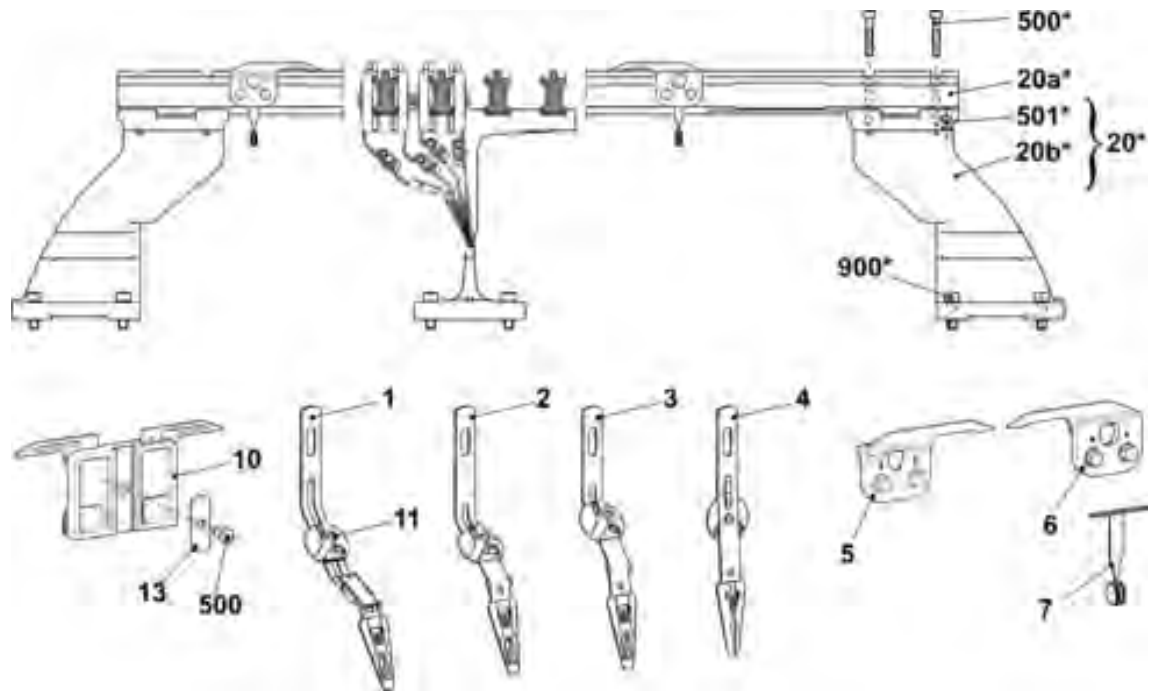
9.5 Bobbin board

Pos	Designation		Id		Pos	Designation		Id
Σ	Table complete 50"		240 241					
1	Table		251 244		18	Positioning pin		204 819
4	Support element		228 594		24	Energy chain display 38 links		253 888
10	Magnet switch protective hood		219 983		31	Cable USB extension		253 706
11	Magnet switch protective hood		220 159		508	Countersunk screw M3x8		023 251
13	Guide rail at the top complete		257 485		520	U-washer		020 901
17	Lamp at the top complete		222 509		20*	Support of left feed wheel		250 966
	A17	Lamp 230 V 50/60 Hz	205 546		21*	Support of right feed wheel		250 967
	17b	Clamping bow	209 504		22*	Sliding block		228 851
	17c	Cellular caoutchouc 40x20	208 018		520*	Countersunk screw M8x16		023 113
	17d	Lamp support	221 951		521*	Countersunk screw M8x18		251 331



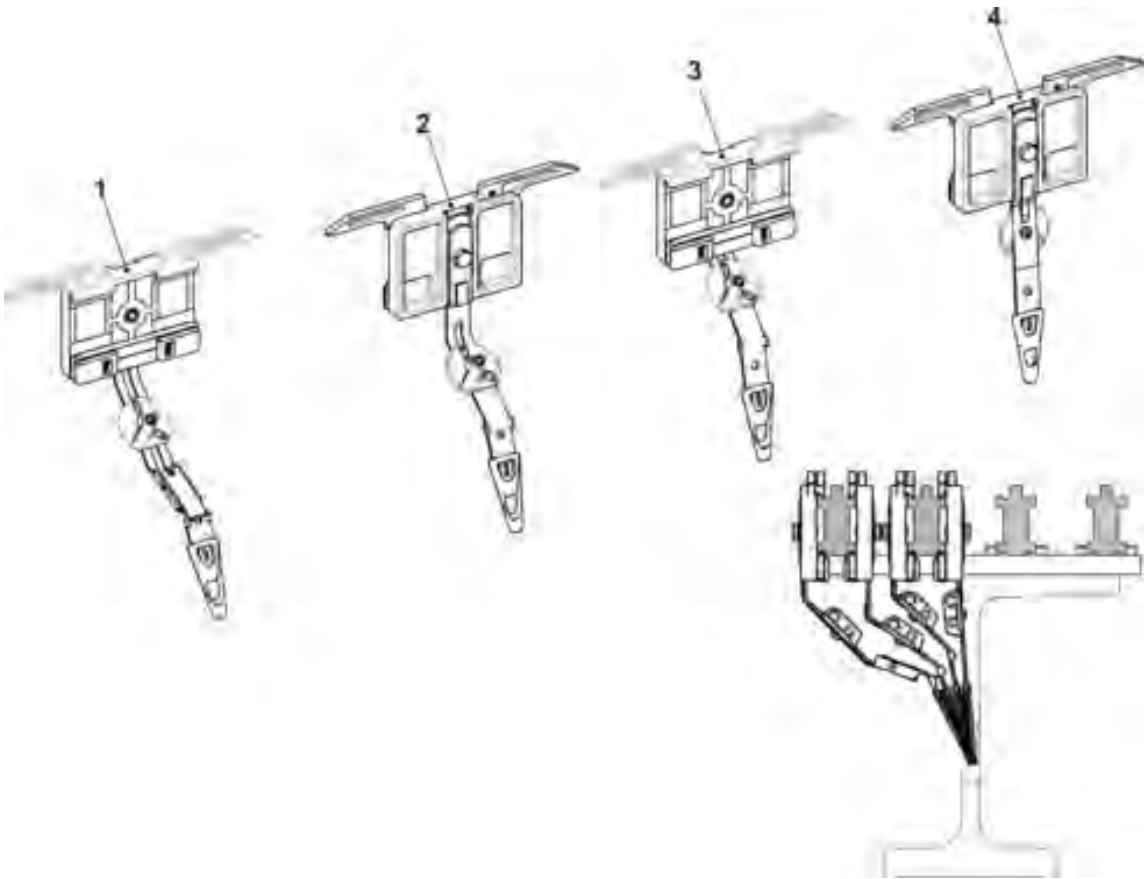
9.6 Yarn carrier and guide rails

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete		E6.2		
	E6.2	243 578	1	YC bow 1+8 complete E7-8	212 892
	E10 E12 E14 E7.2 E6.2(12m.10)	243 579	2	YC bow 2+7 complete E7-8	212 914
	E16 E18 E8.2	243 580	3	YC bow 3+6 complete E7-8	212 925
5	Limiter on the left complete	244 099	4	YC bow 4+5 complete E7-8	212 910
6	Limiter on the right complete	244 098	E10 E12 E14 E7.2 E6.2(12m.10)		
7	Slider with eyelet	230 709	1	YC bow 1+8 complete E10-14	212 994
10	YC carriage complete	243 062	2	YC bow 2+7 complete E10-14	212 996
11	Yarn guide wheel complete	209 257	3	YC bow 3+6 complete E10-14	212 995
13	Shim 0.2x12x75	213 035	4	YC bow 4+5 complete E10-14	212 997
500	Hexagon screw M5x10	020 351	E16 E18 E8.2		
20*	Bar unit	250 971	1	YC bow 1+8 complete E16-18	223 199
	20a* Yarn carrier rail	240 282	2	YC bow 2+7 complete E16-18	223 201
	20b* YC support	252 010	3	YC bow 3+6 complete E16-18	223 200
	500* Cap screw M6x35	020 139	4	YC bow 4+5 complete E16-18	223 202
	501* Set screw M8x12	022 975			
	900* Cap screw M8X25	020 142			



9.7 Complete yarn carriers

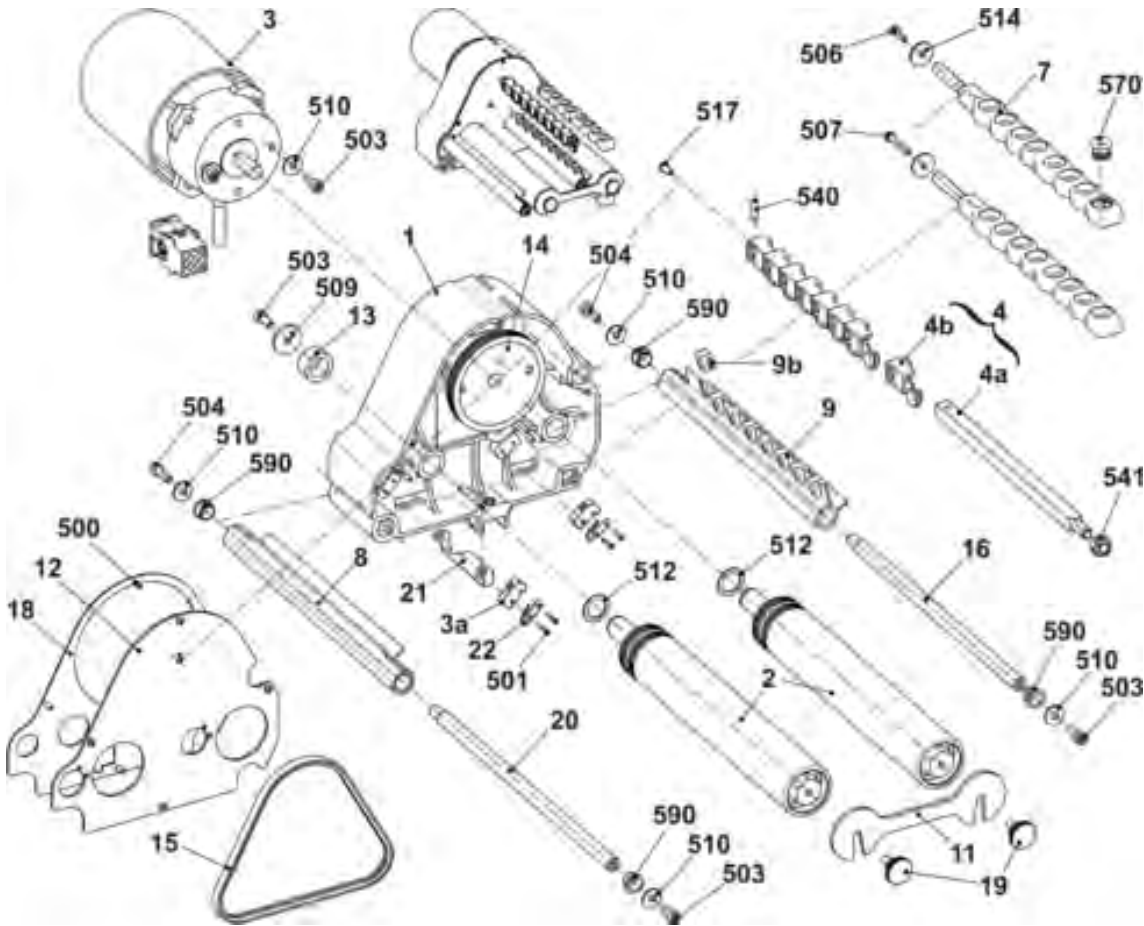
Pos	Designation	Track	Id		Pos	Designation	Track	Id
E6.2					E16 E18			
1	YC carriage complete E7-8	1+8	243 939		1	YC carriage complete E16-18	1+8	243 947
2	YC carriage complete E7-8	2+7	243 938		2	YC carriage complete E16-18	2+7	243 946
3	YC carriage complete E7-8	3+6	243 937		3	YC carriage complete E16-18	3+6	243 945
4	YC carriage complete E7-8	4+5	243 936		4	YC carriage complete E16-18	4+5	243 944
E10 E12 E14 E6.2 E7.2 E8.2 (E12M.10)								
1	YC carriage complete E10-14	1+8	243 943					
2	YC carriage complete E10-14	2+7	243 942					
3	YC carriage complete E10-14	3+6	243 941					
4	YC carriage complete E10-14	4+5	243 940					



9.8 Left friction feed wheel

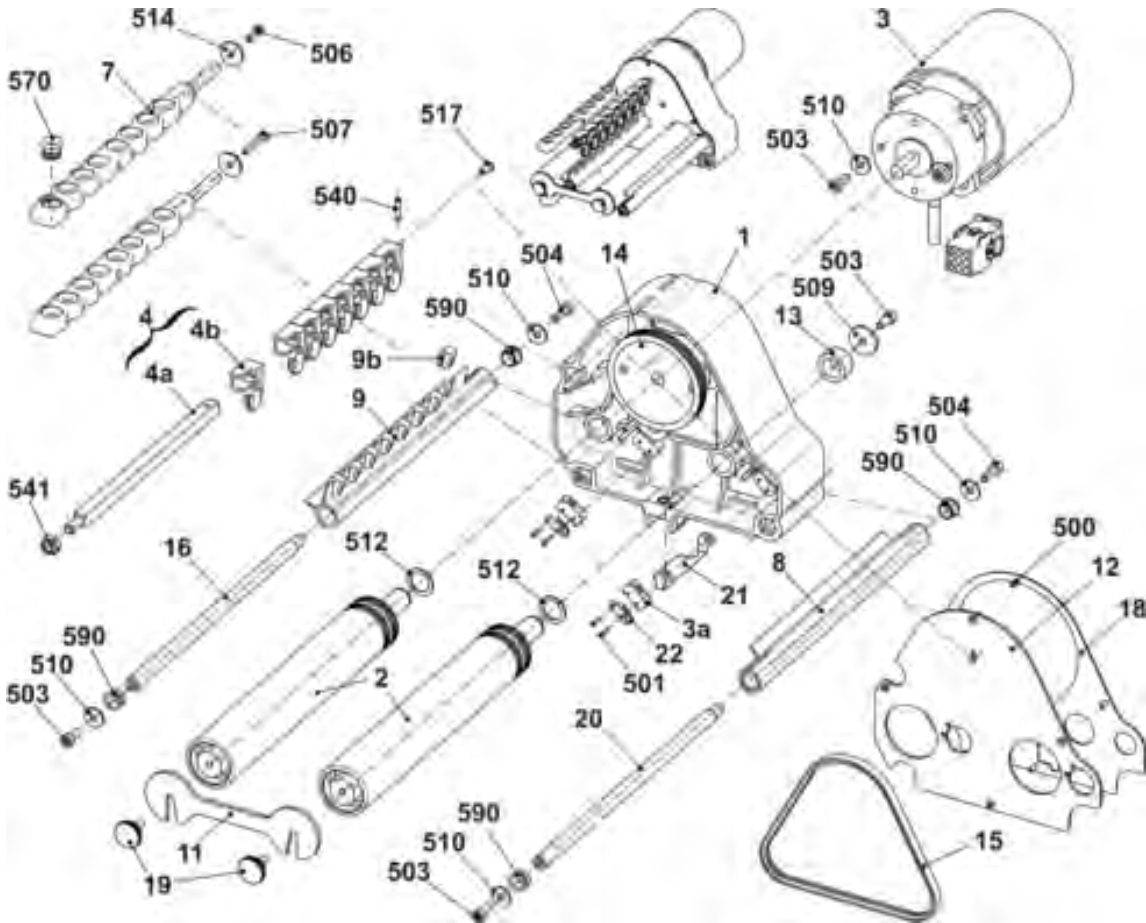
9.8 Left friction feed wheel

Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the left complete		243 571	14	Ribbed V-belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt pulley V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase A.C. motor complete		219 800	18	Cover		230 758
	3a	Microswitch	008 664	19	Knurled srew		223 361
4	Deflector complete 8-fold		250 089	20	Rod		230 658
	4a	Support rail	250 055	21	Grounding plate		256 622
	4b	Eyelet holder complete	250 077	22	Spring plate		256 702
	540	Spring dowel sleeve 4x15	020 783	500	Screw KB 30x8		236 228
	541	Hexagon nut M8-8	022 843	501	Screw 20x10		244 736
7	Yarn guide rod complete		239 431	503	Cap screw M5x12		020 132
	570	Eyelet 8	021 504	504	Cap screw M5X16		022 726
8	Stop motion rail on the right complete		230 690	506	Screw KB 40x14		241 358
9	Stop motion rail on the left complete with eyelets		230 683	507	Screw KB 40x25		241 595
	9b	Eyelet	230 662	509	Washer 6.1x9x0.5		023 219
	590	Slide bearing	023 627	510	U-washer 5		020 901
11	Strap		221 316	512	Adjusting washer 15x21x1		023 216
12	Cover		251 098	514	U-washer 4,3		020 908
13	Bush		221 391	517	Pan-head screw M4x8		023 579



9.9 Right friction feed wheel

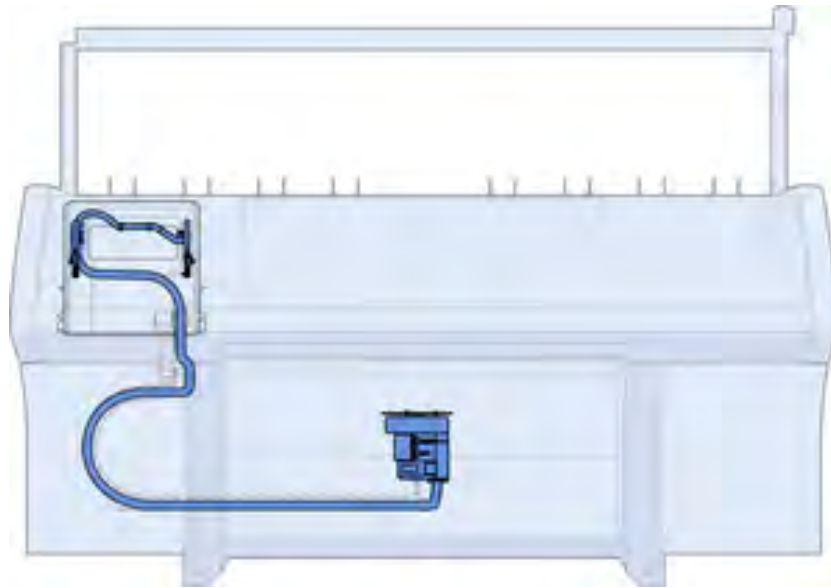
Pos	Designation		Id	Pos	Designation		Id
Σ	Friction feed wheel on the right complete		243 572	14	Ribbed V-belt pulley		221 268
1	Housing		240 368	15	Ribbed V-belt pulley V3J 406		206 927
2	Friction roller complete		231 704	16	Rod		221 319
3	Three-phase A.C. motor complete		219 800	18	Cover		230 758
	3a	Microswitch	008 664	19	Knurled srew		223 361
4	Deflector complete 8-fold		250 089	20	Rod		230 658
	4a	Support rail	250 055	21	Grounding plate		256 622
	4b	Eyelet holder complete	250 077	22	Spring plate		256 702
	540	Spring dowel sleeve 4x15	020 783	500	Screw KB 30x8		236 228
	541	Hexagon nut M8-8	022 843	501	Screw 20x10		244 736
7	Yarn guide rod complete		239 431	503	Cap screw M5x12		020 132
	570	Eyelet 8	021 504	504	Cap screw M5X16		022 726
8	Stop motion rail on the right complete		230 690	506	Screw KB 40x14		241 358
9	Stop motion rail on the right complete with eyelets		230 682	507	Screw KB 40x25		241 595
	9b	Eyelet	230 662	509	Washer 6.1x9x0.5		023 219
	590	Slide bearing	023 627	510	U-washer 5		020 901
11	Strap		221 316	512	Adjusting washer 15x21x1		023 216
12	Cover		251 098	514	U-washer 4,3		020 908
13	Bush		221 391	517	Pan-head screw M4x8		023 579



9.9 Right friction feed wheel

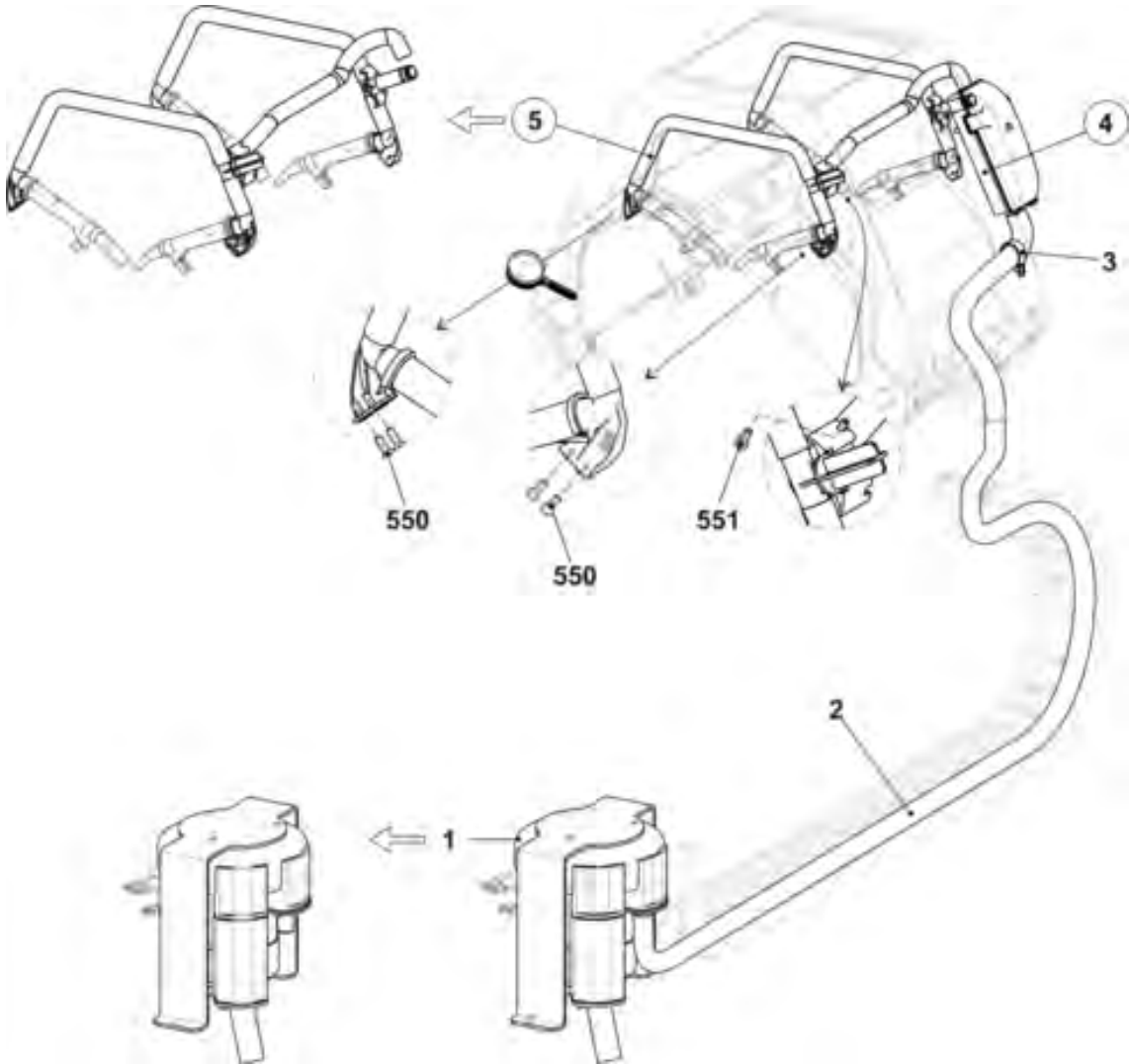
Notes:

10 Fluff absorption



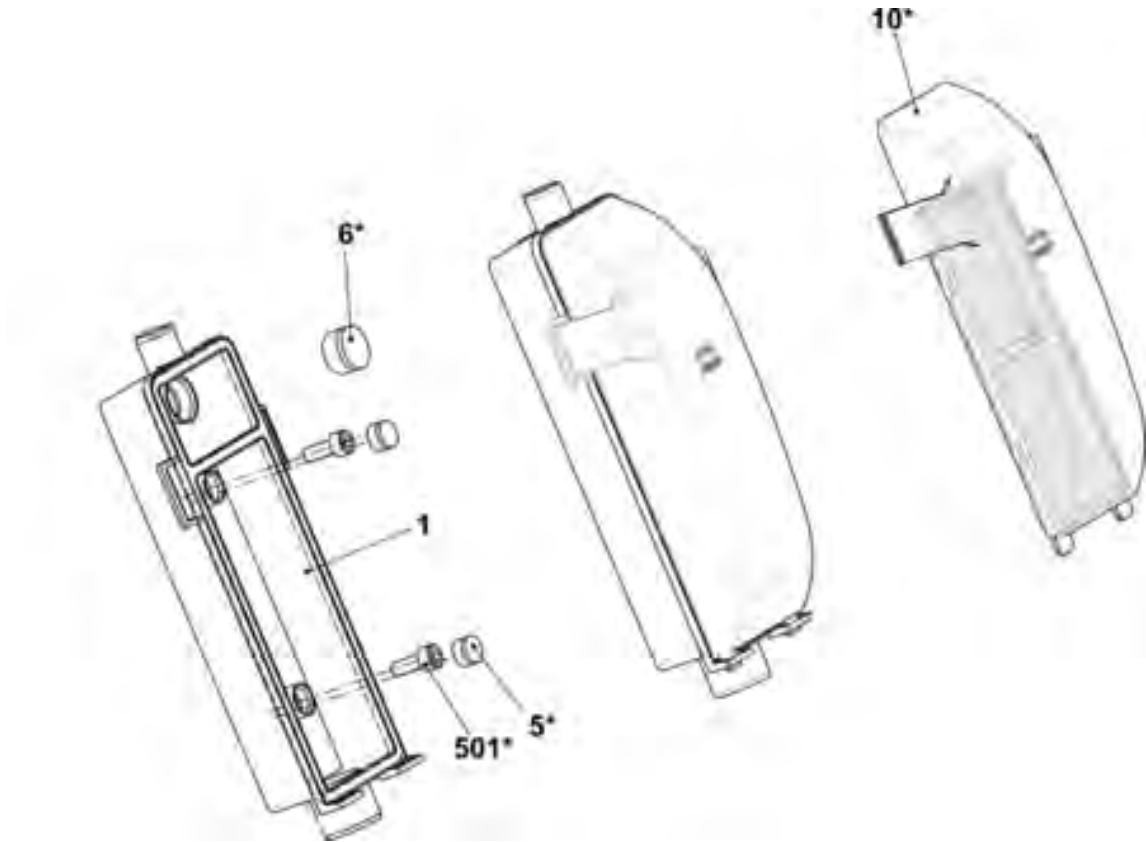
10.1 Fluff absorption

Pos	Designation	Id		Pos	Designation	Id
Σ	Fluff absorption			4	Lint container	245 024
1	Suction fan complete	251 332		5	Hose set complete	255 080
2	Suction hose 29x25x2800	252 627		550	Countersunk head screw M4x8	251 011
3	Cable clip	250 051		551	Cap screw M4x8	022 501



10.1.1 Lint container

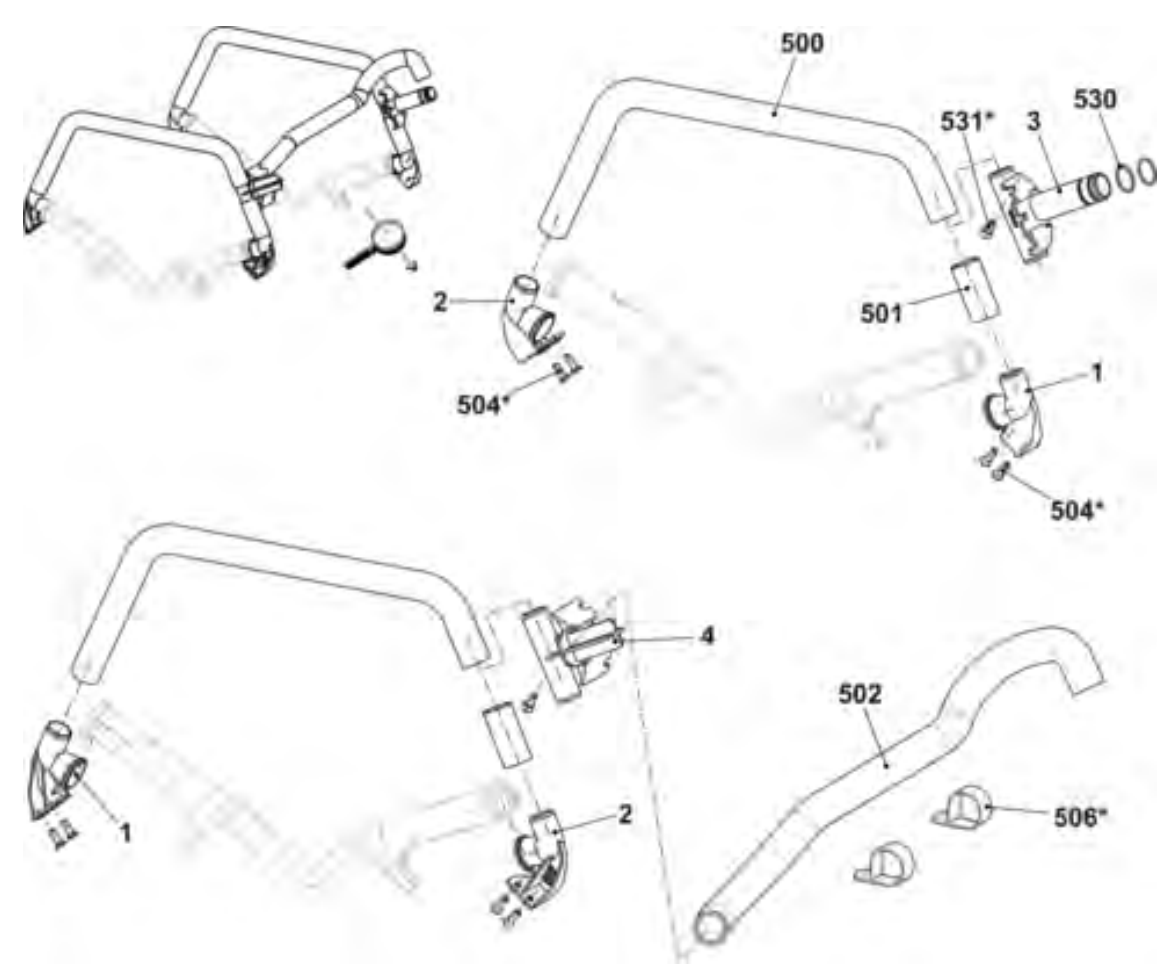
Pos	Designation	Id		Pos	Designation	Id
Σ	Lint container			6*	Sealing plug	245 029
1	Lint container	245 024		10*	Cover with filter	251 335
5*	Sealing plug	245 028		501*	Cap screw M6x10	023 690



10.1 Fluff absorption

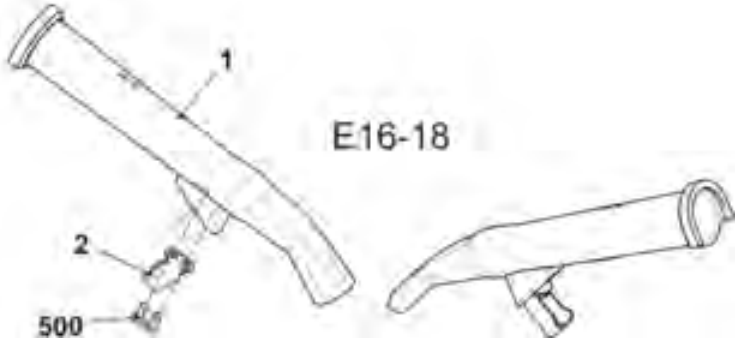
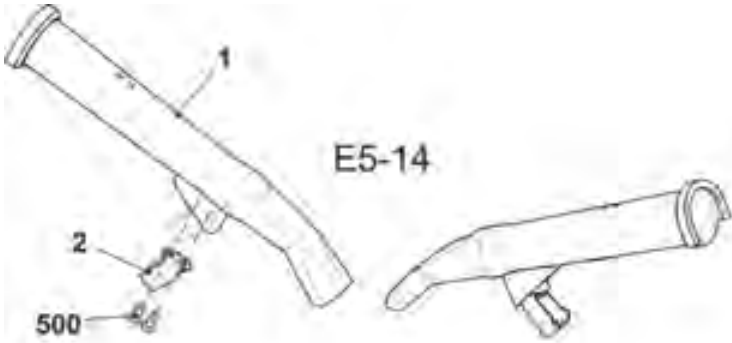
10.1.2 Hose set

Pos	Designation		Id		Pos	Designation		Id
Σ	Hose set complete		255 080		4	Connection piece Flent		245 022
1	Angle connection on the right		250 121		500	Suction hose 20x16x400		244 983
2	Angle connection on the left		251 101		501	Suction hose 20x16x40		251 043
3	T-piece FLENT		245 021		502	Suction hose 20x16x370		255 071
	530	O-ring 15x1.5	250 054		504*	Countersunk head screw M4x12		023 062
	531*	Cap screw M4x8	022 501		506*	Cable clip		250 051



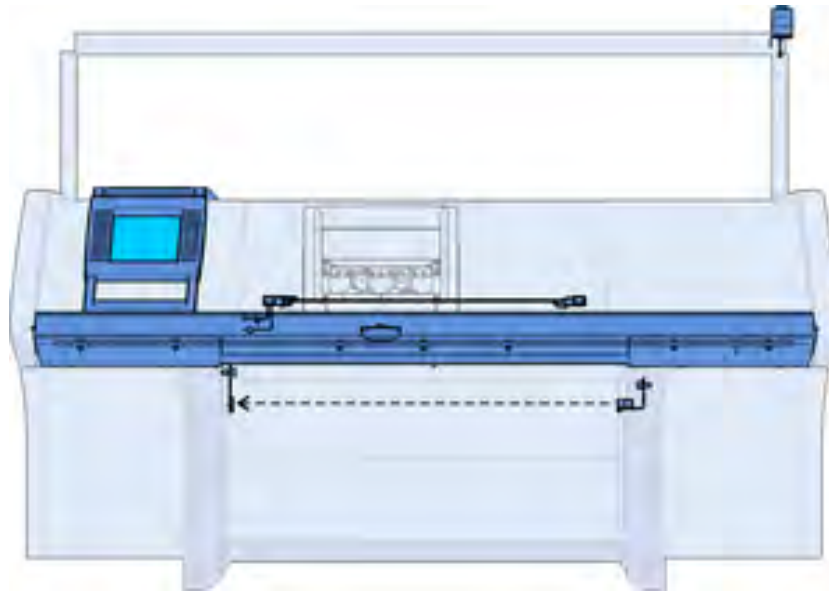
10.1.3 Suction tube

Pos	Designation	Id		Pos	Designation	Id
Σ	Suction tube complete E10 E12 E14 E6.2 E7.2 E6.2(12m.10)	251 310		Σ	Suction tube complete E16 E18 E8.2	251 311
1	Suction tube	255 386		1	Suction tube	255 605
2	Bracket	255 627		2	Bracket	255 627
500	Screw KB 30x6	241 424		500	Screw KB 30x6	241 424



Notes:

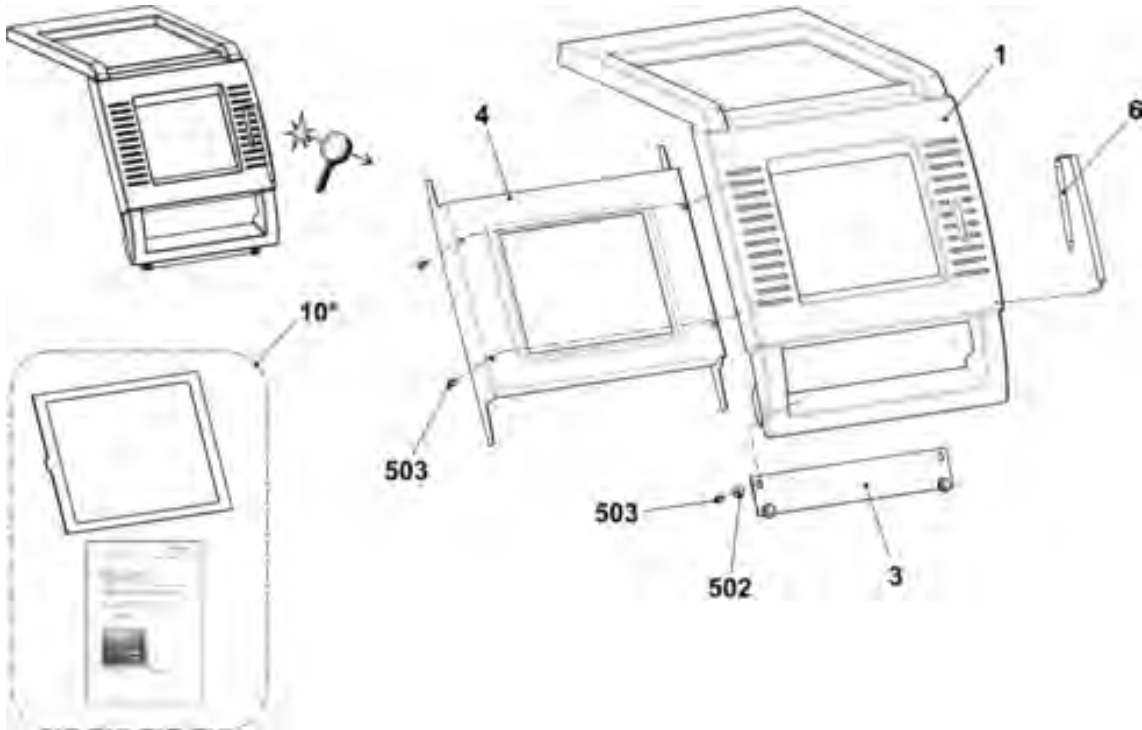
11 Operation and control



11.1 Input unit

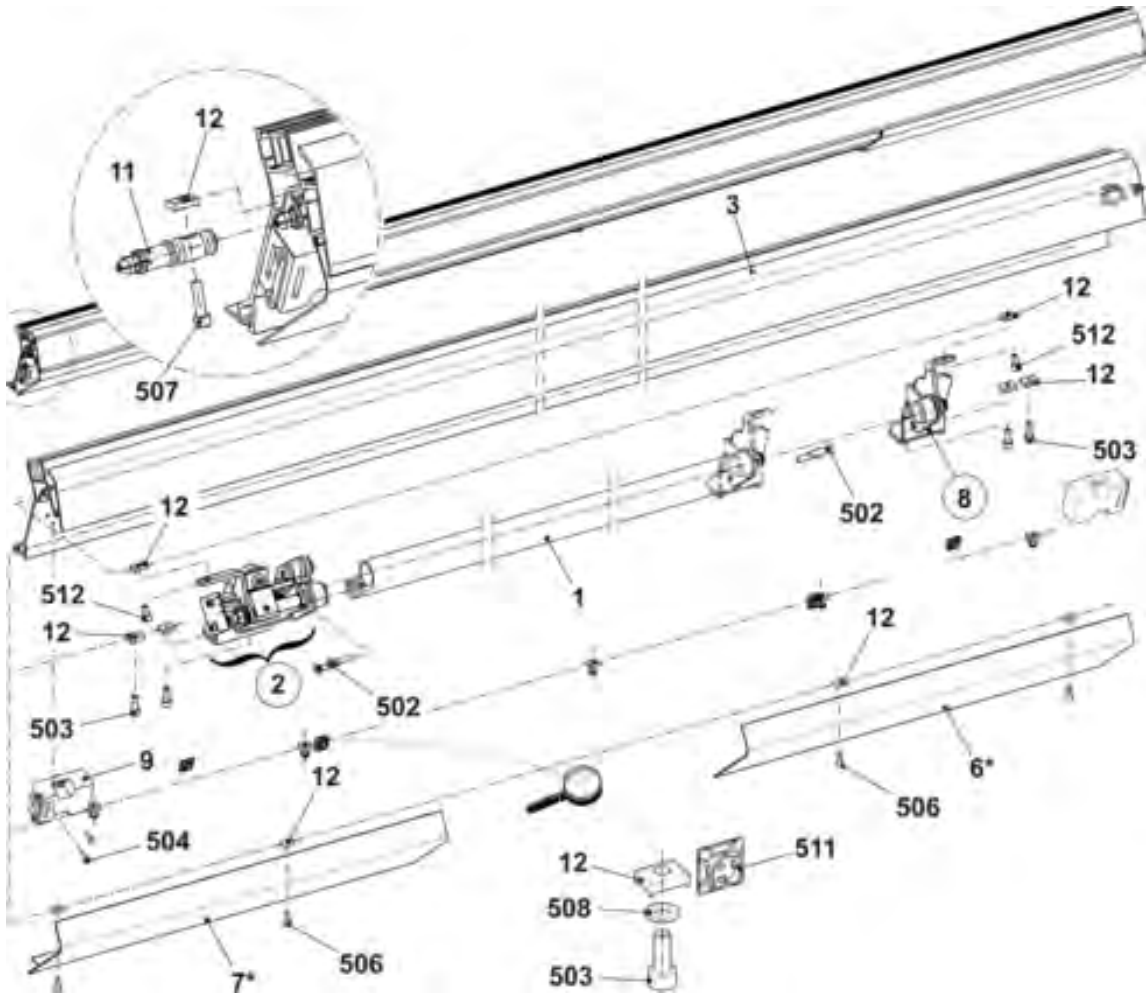
11.1 Input unit

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



11.2 Starting unit

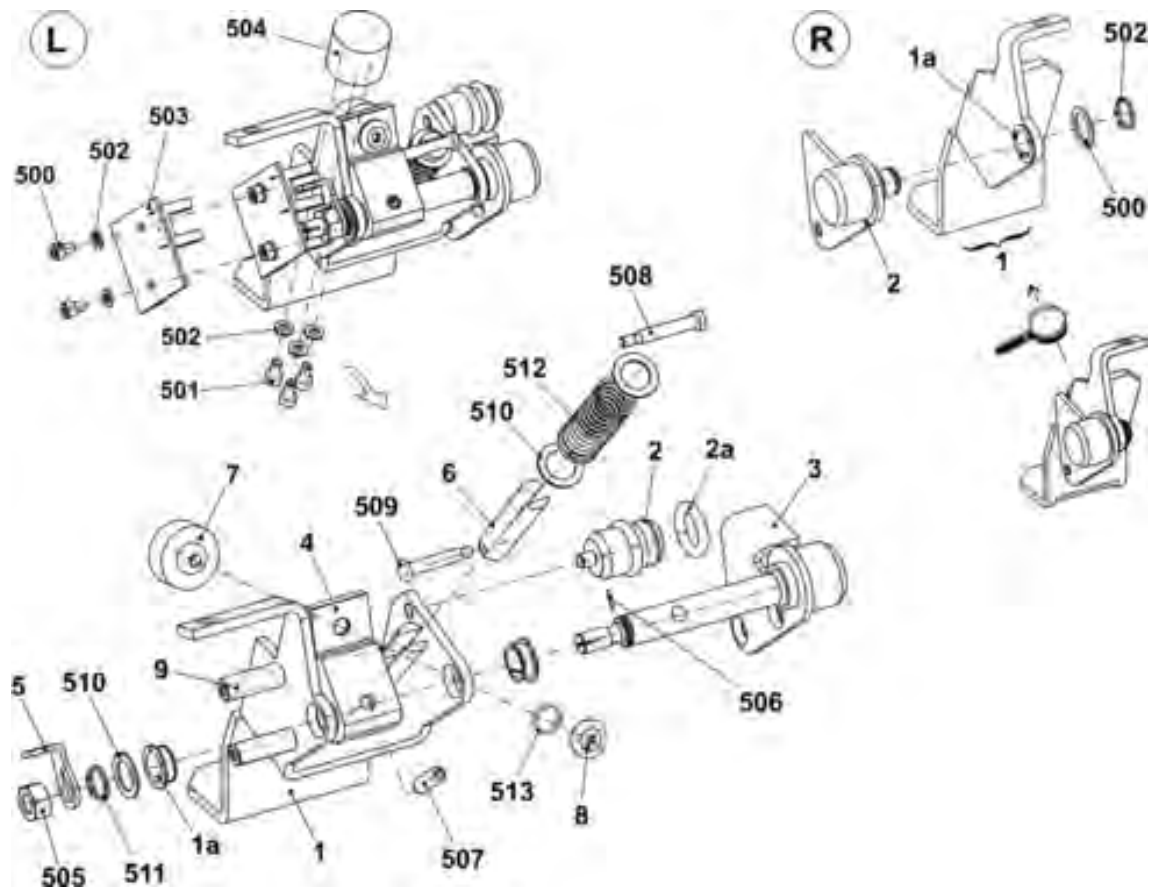
Pos	Designation	Id	Pos	Designation	Id
Σ	Starting unit complete	240 306	12	Sliding nut (sliding block)	225 099
1	Engaging rod	240 227	502	Screw M6x25	023 510
2	Bearing on the left complete	250 071	503	Cap screw M6x16	020 135
3	Guide rail at the bottom complete	257 309	504	Countersunk screw M5x14	023 588
6*	Cover plate on the right	250 931	506	Cap screw M6x12	020 134
7*	Cover plate on the left	250 932	507	Cap screw M6x20	020 136
8	Bearing on the right complete	252 964	508	U-washer	020 872
9	Switch with cable to protective hoods	223 350	511	Adhesive base	243 055
11	Fixing bolt	219 107	512	Cap screw M6x10	023 690



11.2 Starting unit

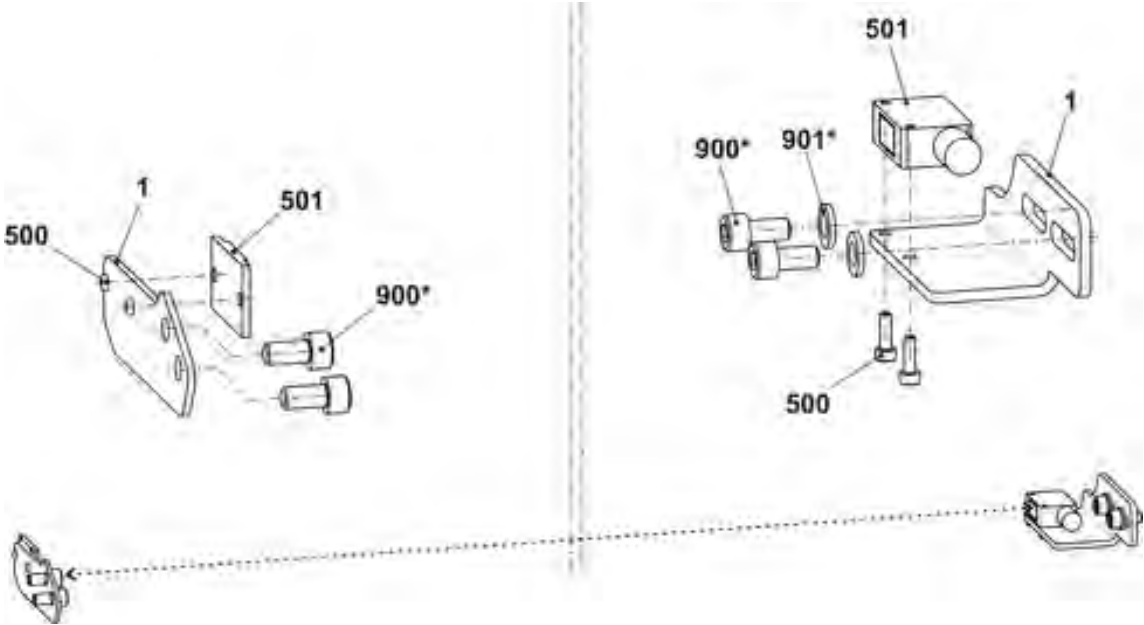
11.2.1 Bearing of the engaging rod

Pos	Designation	Id	Pos	Designation	Id
L	Bearing on the left complete	250 071			
1	Bearing on the left	245 218	505	Hexagon nut M8-6	020 838
1a	Clip bearing MCM12-04	023 639	506	Dowel pin 1.5x8	236 923
2	Support buffer	220 561	507	Spring dowel sleeve 6x20	023 719
2a	O-ring 14x4	023 237	508	Shoulder screw M4x24.8x7.7	240 299
3	Shaft on the left	245 219	509	Shoulder screw	251 316
4	Rotor	253 776	510	Shim ring 12x18x1	023 315
5	Switch flag	245 220	511	Locking ring 12x1	020 951
6	Spring pin	251 340	512	Compression spring 1.25x15x98.2	023 609
7	Disc	245 222	513	Compression spring 0.5x11x12	251 369
8	Shoulder screw	254 528			
9	Distance bolt	240 287	R	Bearing on the right complete	252 964
500	Cap screw M4x6	023 067	1	Bearing on the right	240 230
501	Cap screw M4x8	022 501	1a	Clip bearing MCM 12-04	023 639
502	Shim ring 4x8x1	023 369	2	Shaft on the right	242 888
503	Card engaging	240 167	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Locking ring 12x1	020 951



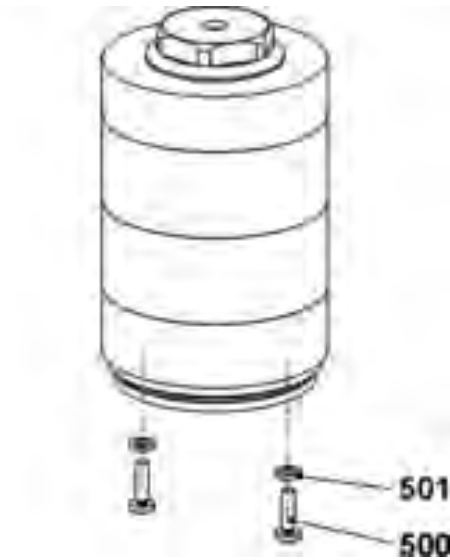
11.3 Collecting area - control

Pos	Designation	Id		Pos	Designation	Id
Σ	Reflector complete	256 826		Σ	Photoelectric sensor complete	256 825
1	Mounting plate reflector	256 675		1	Angle support photoelectric sensor	256 674
500	Blind rivet A3x8-Al	023 158		500	Cap screw M3x10	022 991
501	Reflector 20x20 mm	243 356		501	Photoelectric sensor W100-P4330	243 355
900*	Cap screw M6x12	020 134		900*	Cap screw M6x12	020 134
				901*	U-washer 6	020 872



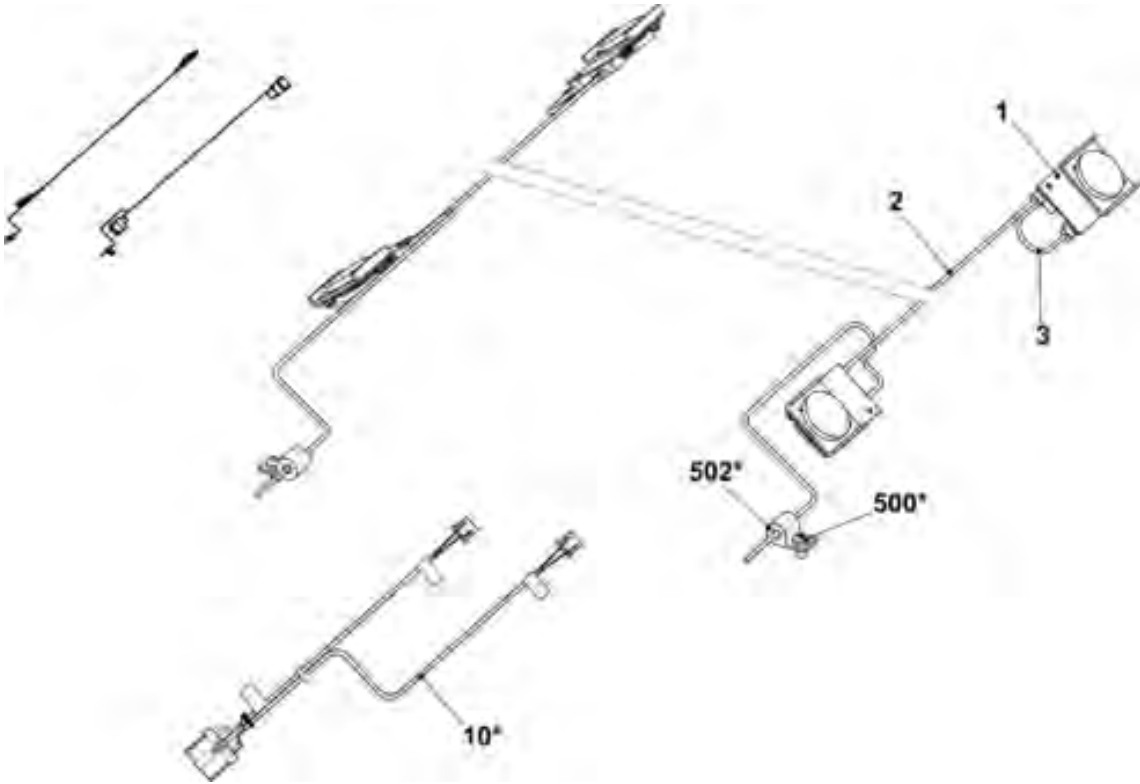
11.4 Signal light

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

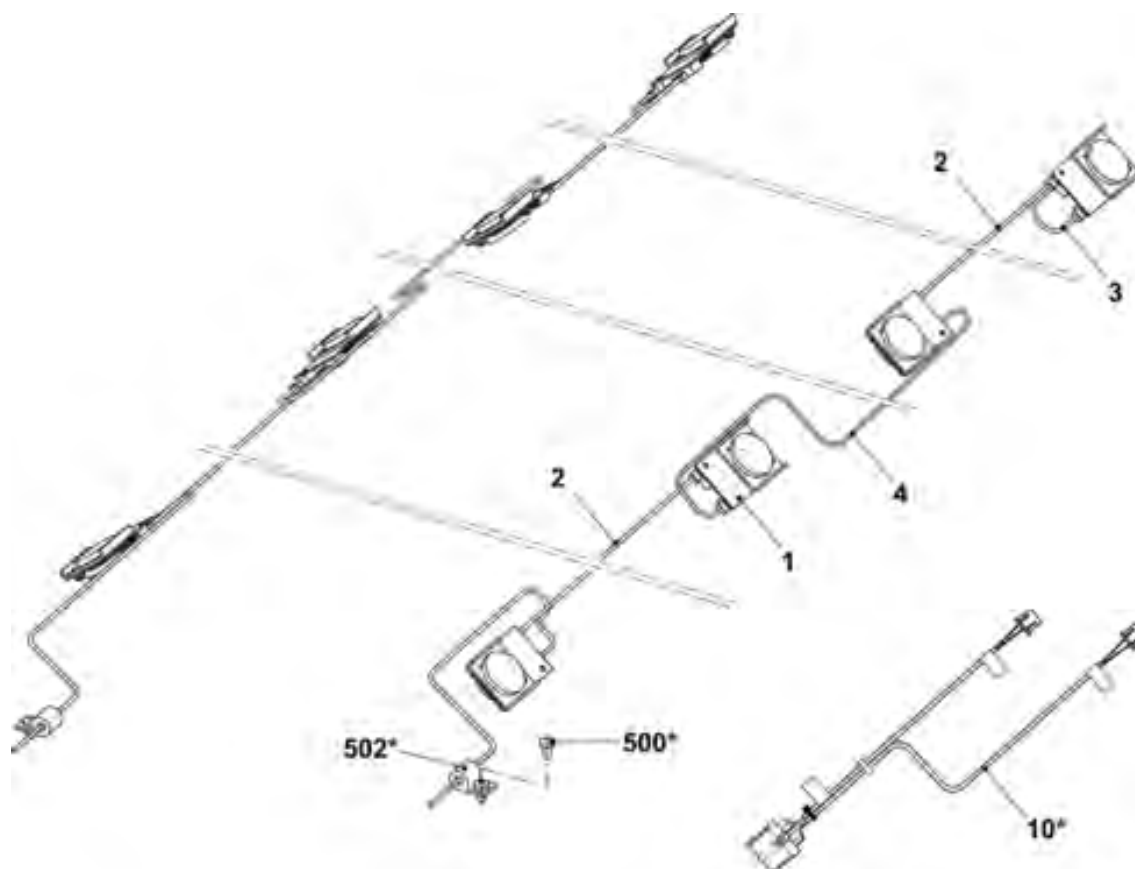


11.5 Shock stop motion
E10|E12|E14|E6.2|E7.2|E6.2(12m.10)

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

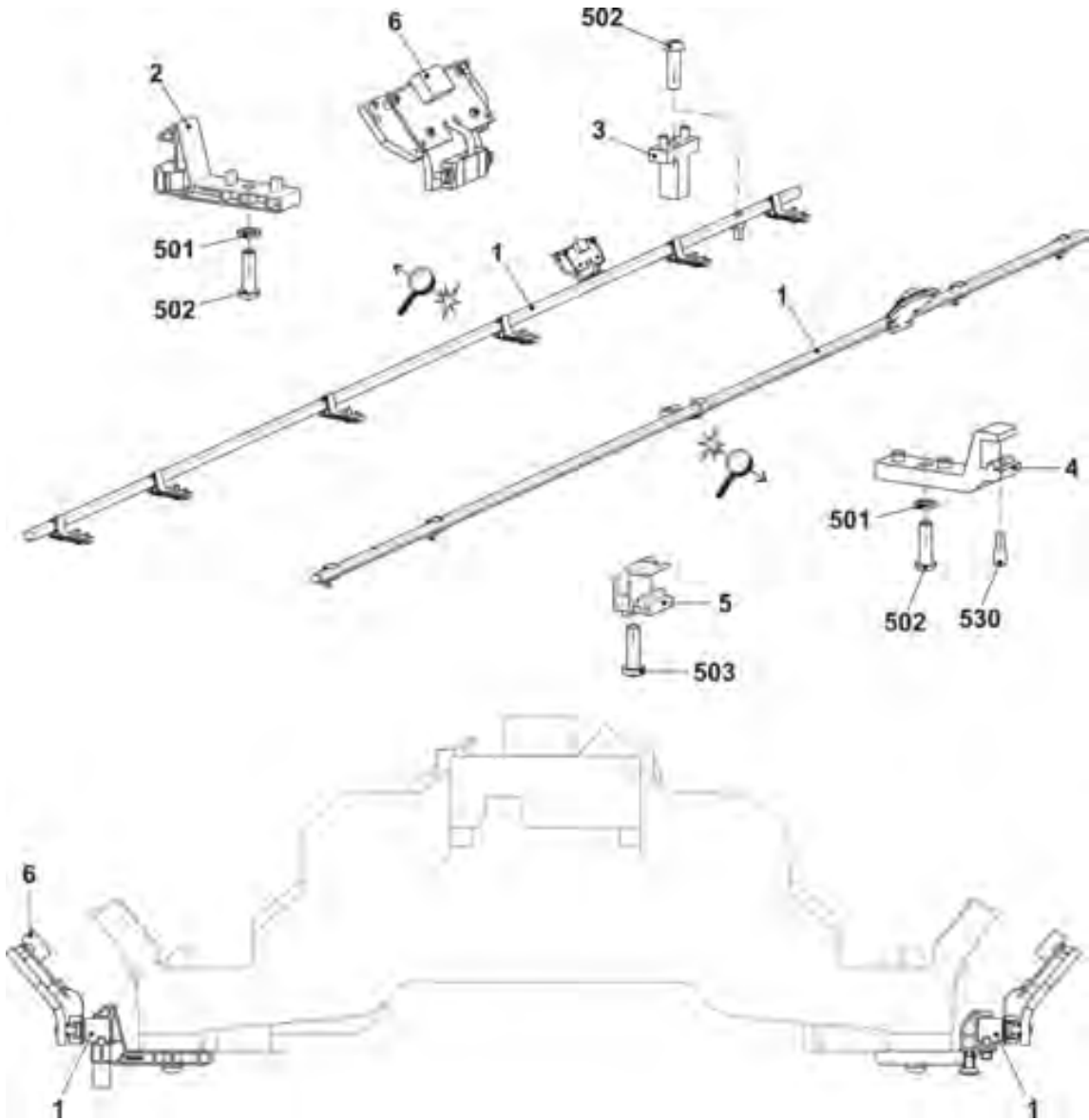


Pos	Designation	Id		Pos	Designation	Id
Σ	Shock stop motion complete	250 384		4	Cable connection piezo	250 295
1	Shock stop motion (Piezo)	220 011		10*	Cable piezo	240 518
2	Cable connection piezo	250 291		500*	Countersunk screw M4x8	023 036
3	End plug piezo sensor	220 053		502*	Cable clip N-3B, 5 mm	210 729



11.7 Measuring device

Pos	Designation	Id		Pos	Designation	Id
Σ	Measuring device					
1	Measuring bar	240 229		6	Measuring head complete	240 562
2	Guidance	251 676		501	U-washer	020 881
3	Stop point	209 289		502	Countersunk screw	241 603
4	Guidance	240 672		503	Screw 60x20	243 625
5	Guidance exterior	251 605		530	Set screw	230 803



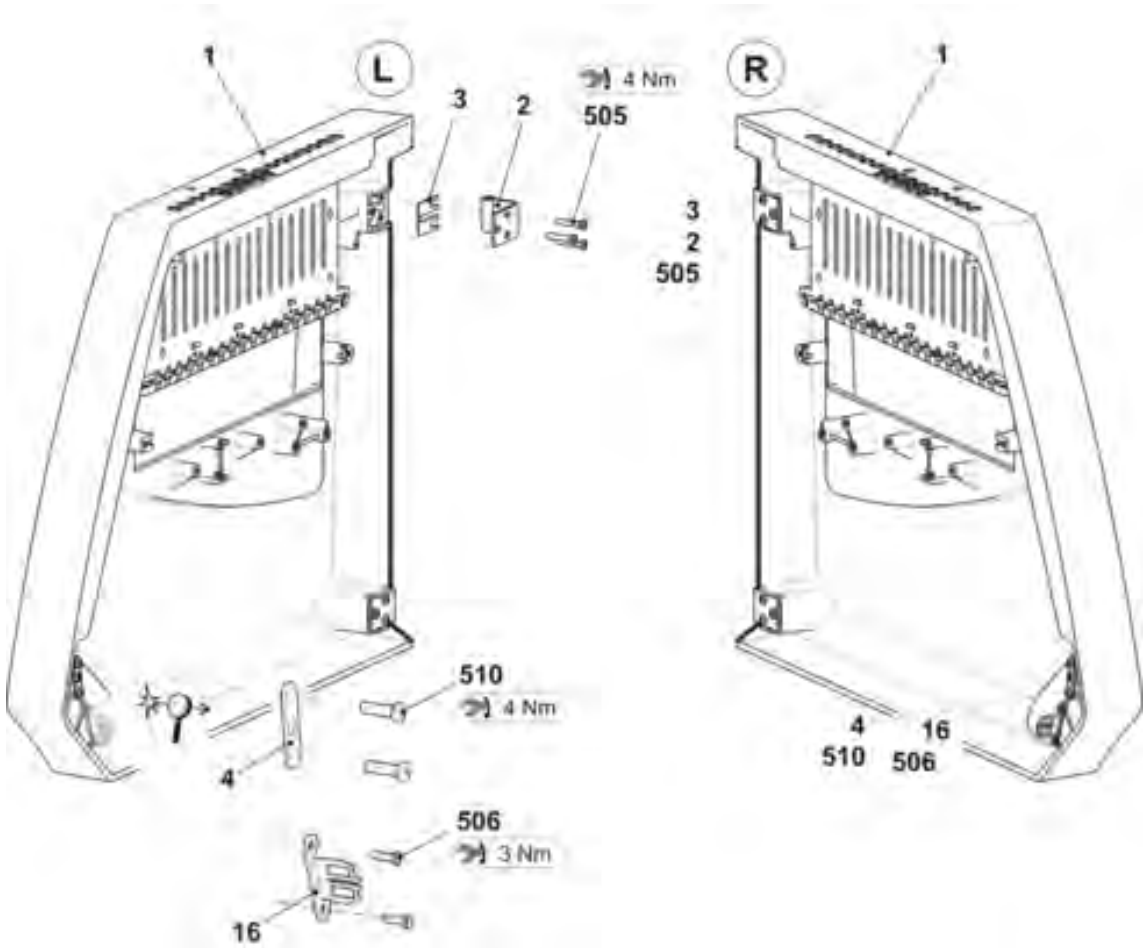
Notes:

12 Protective units



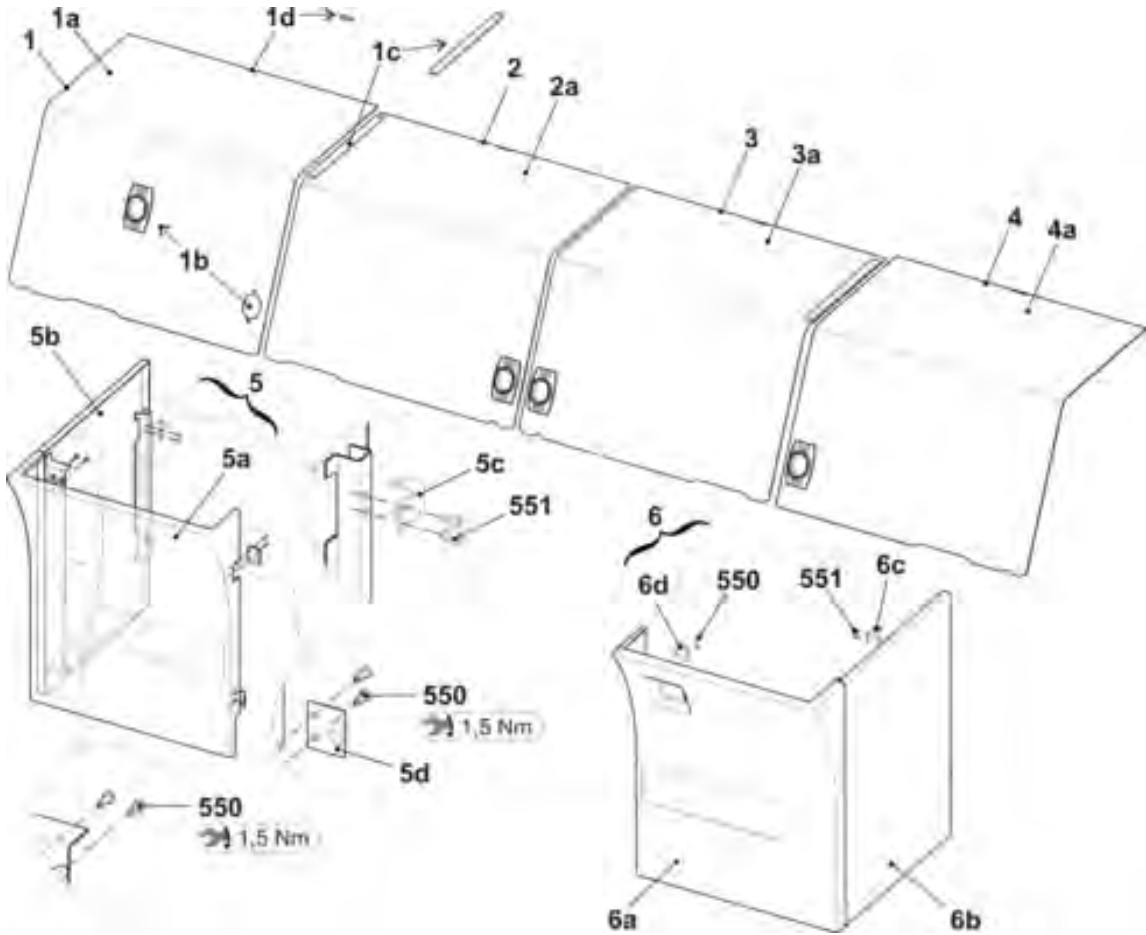
12.1 Lateral safety covers

Pos	Designation	Id		Pos	Designation	Id
Σ	Safety cover on the left			Σ	Safety cover on the right	
1	Safety cover on the left	250 562		1	Safety cover on the right	250 563
2	Hinge	241 994		2	Hinge	241 994
3	Plate	224 717		3	Plate	224 717
4	Locking plate	219 748		4	Locking plate	219 748
16	Operator AZ 15/16	255 492		16	Operator AZ 15/16	255 492
505	Screw KB 60x30	237 683		505	Screw KB 60x30	237 683
506	Screw KB40x14	241 358		506	Screw KB40x14	241 358
510	Screw KB 60x20	237 682		510	Screw KB 60x20	237 682



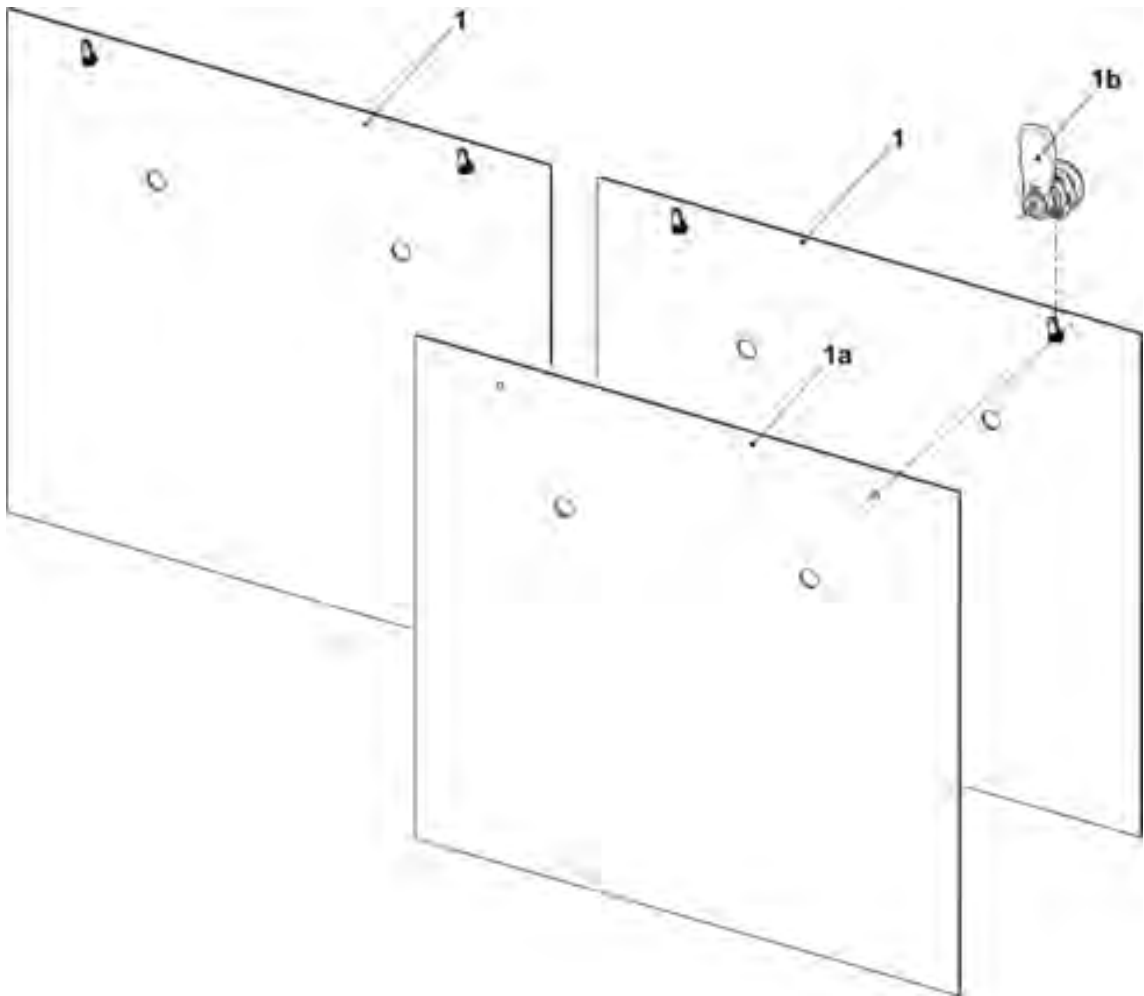
12.2 Panelling

Pos	Designation		Id		Pos	Designation		Id
1	Cover 1 complete		257 303		3	Cover 3 complete		257 305
	1a	Cover 1	257 296			3a	Cover 3	257 298
	1b	Inlet type handle	251 376			1b	Inlet type handle	251 376
	1c	Stripper	219 393			1c	Stripper	219 393
	1d	Magnet	204 666			1d	Magnet	204 666
2	Cover 2 complete		257 304		4	Cover 4 complete		257 306
	2a	Cover 2	257 297			4a	Cover 4	257 299
	1b	Inlet type handle	251 376			1b	Inlet type handle	251 376
	1c	Stripper	219 393			1c	Stripper	219 393
	1d	Magnet	204 666			1d	Magnet	204 666
5	Control unit panelling on the left complete		251 233		6	Control unit panelling on the right complete		251 234
	A5	Control unit panelling on the left	251 185			A6	Control unit panelling on the right	251 186
	5b	Side part	244 989			6b	Side part	244 989
	5c	Hinge	250 273			6c	Hinge	250 273
	5d	Strap	240 412			6d	Strap	240 412
	550	Screw KB 50x12	240 359			550	Screw KB 50x12	240 359
	551	Cap screw M8x25	020 135			551	Cap screw M8x25	020 135

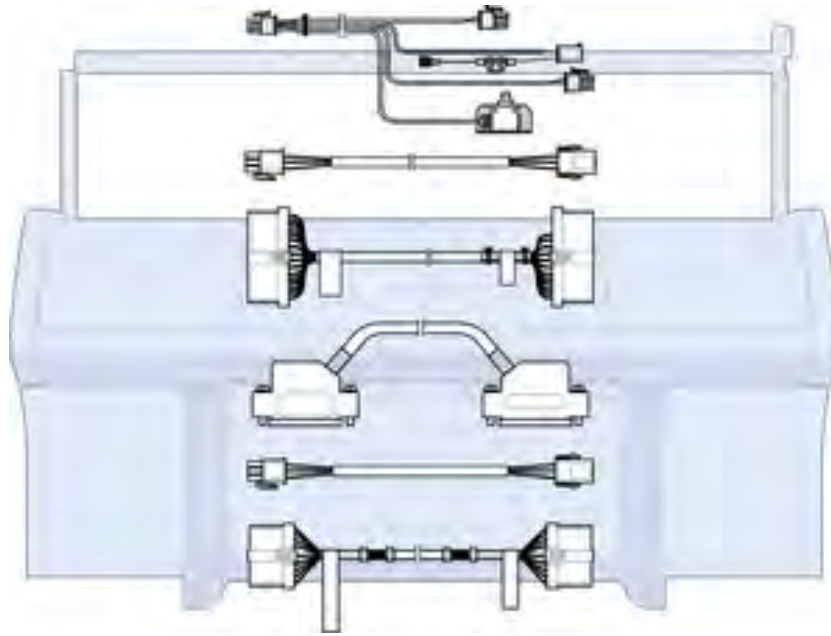


12.3 Rear panel

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



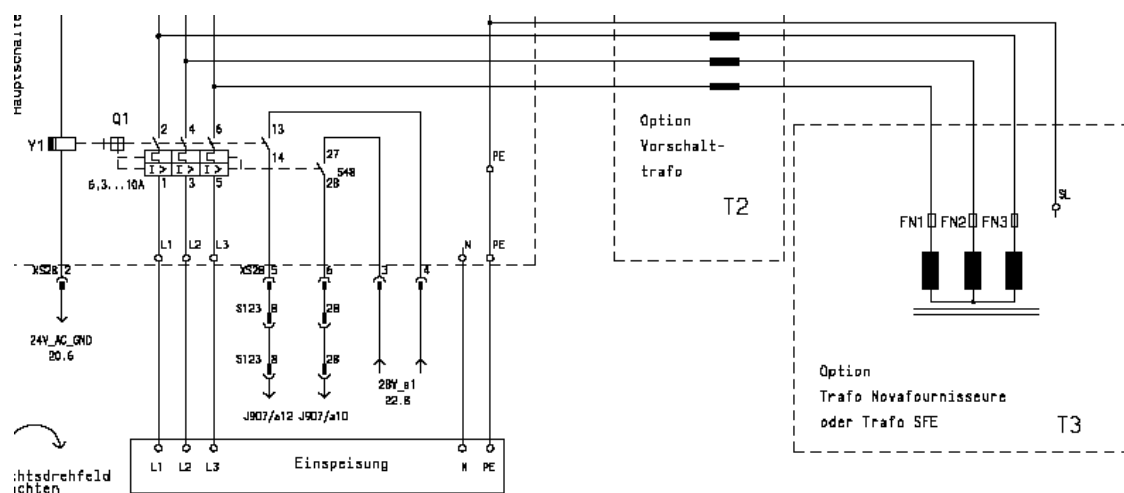
13 Electrical equipment



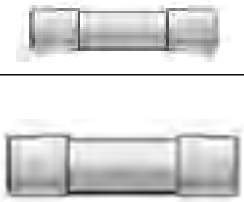
13.1 Circuit diagram (222) as PDF

Designation	Id	Marking
Circuit diagram 222 German	257 280	_DE
Circuit diagram 222 English	257 280	_GB
Circuit diagram 222 Chinese	257 280	_CN

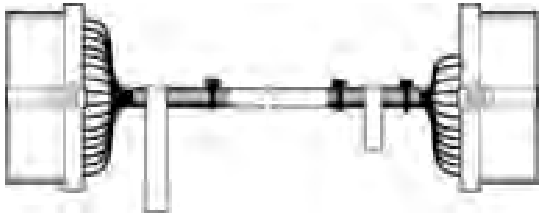
You will find the circuit diagram 222 on the CMS documentation DVD with the ID 257 157



13.2 Fuses

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

13.3 Trailing cable

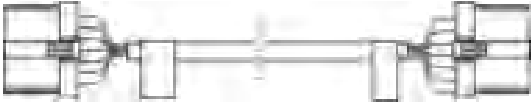
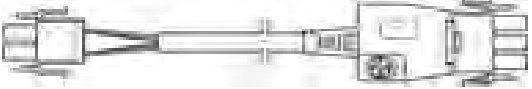
Designation		Id	Designation		Id
Σ	Trailing cable set E3	254 885			
	Cable carriage at the rear XR332	255 054		Cable impulse giver at the rear XR136	255 050
					
	Cable carriage at the front XR333	254 888		Cable impulse giver at the front XR137	254 887
					
	Cable yarn carrier XR161	254 886			
					

13.4 Cable set installation

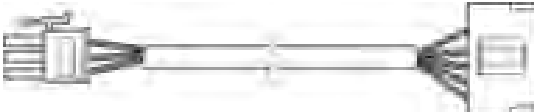
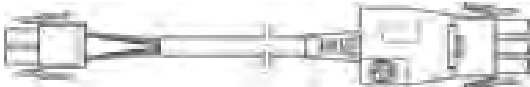
Designation		Id	Designation		Id
Σ	Cable set installation	253 618			
1	Loom of cables base 1 OKC	253 619	3	Loom of cables	253 621
2	Loom of cables base 2	240 257	4	Loom of cables comb	240 259
6	Cable switch main take-down 50"	252 541	7	Cable mains supply FKE lamp	252 587
					

13.4 Cable set installation

13.4.1 Loom of cables base 1

Designation		Id	Designation		Id
Σ	Loom of cables base 1 OKC	253 619			
	Cable Engaging rod	252 538		Cable protective unit on the left	253 620
					
	Cable Feed wheel on the left 50"	240 464			
					

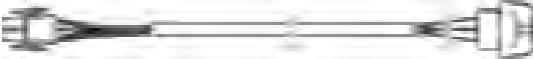
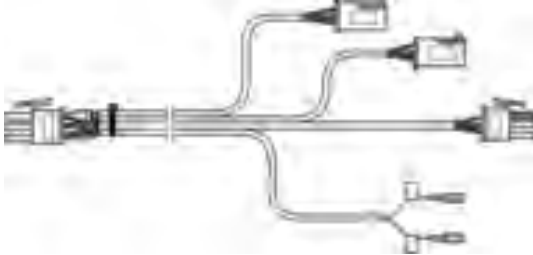
13.4.2 Loom of cables base 2

Designation		Id	Designation		Id
Σ	Loom of cables base 2	240 257			
	Cable motor HAAB	240 291			
					
	Cable limit switch racking	240 292			
					
	Cable ventilator drive	240 293			
					
	Cable Feed wheel on the right	240 294			
					
Cable Drive motor	240 295				
					

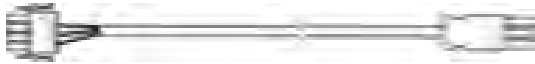
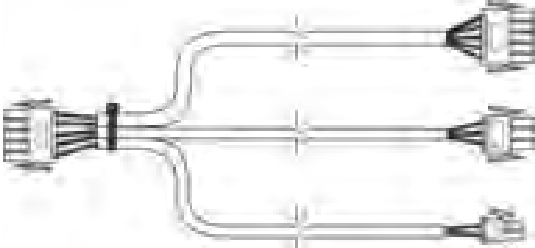
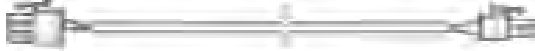
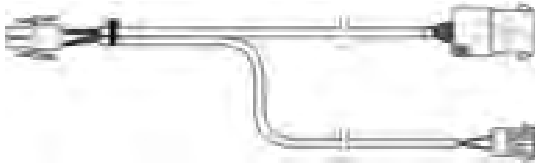
	Cable resolver drive	240 296	
			
	Cable Racking motor	240 297	
			
	Cable resolver racking	240 298	
			
	Cable protective unit on the right	253 441	
			

13.4 Cable set installation

13.4.3 Loom of cables comb

Designation		Id	Designation		Id
Σ	Loom of cables comb	240 259			
	Cable motor comb hook	240 308		Cable switch comb	240 311
					
	Cable switch KAHA	240 309		Cable switch HAAB	240 312
					
	Cable motor comb	240 310			
					

13.4.4 Loom of cables 5XX

Designation		Id	Designation		Id
Σ	Loom of cables	253 621			
	Cable motor HIAB 50"	240 467		Cable power supply unit of mains supply	240 505
					
	Cable impulse giver HIAB 50"	240 468		Cable power supply lighting	236 572
					
	Cable power supply WAZ/F 50"	240 469		Cable switch auxiliary take-down	240 472
					
	Cable power supply Servo 50"	240 502		Cable power supply FLENT 50"	251 231
					

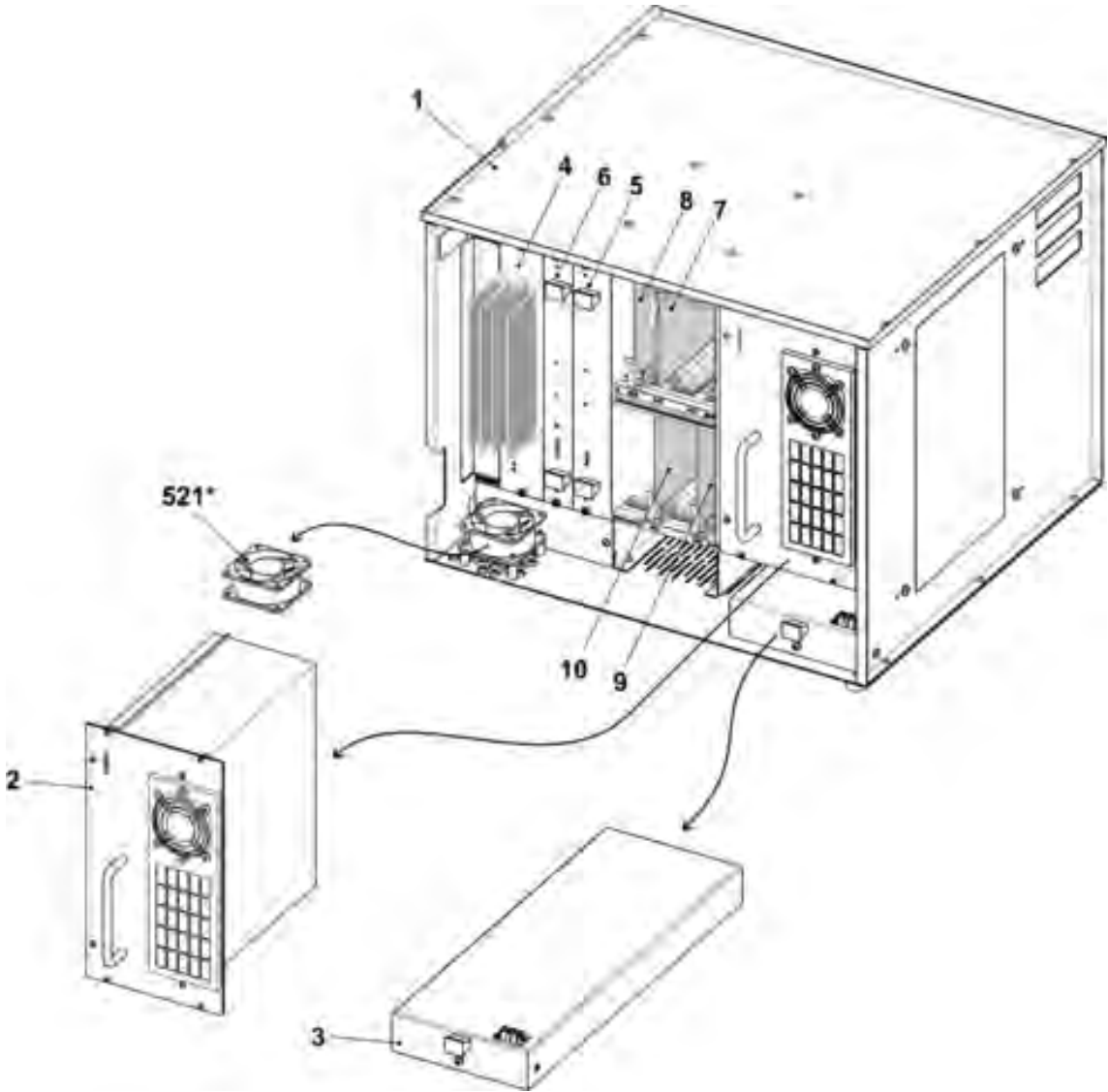
Notes:

14 Control electronics



14.1 Control cabinet

Pos	Designation	Id		Pos	Designation	Id
Σ	Control unit on the right complete 520	254 852		6	Card BIO	301 007
1	Control unit without equipment	254 854		7	Card amplifier 4SM 7TE	300 943
2	Power supply unit CG54 with single channel	300 923		8	Card N-CPU 432	300 965
3	Battery plug-in unit	301 008		9	Card power CPU B	301 009
4	Card servo 6	301 000		10	Card IPC-P8X S 01	301 010
5	Card C-WAZ	301 006		521*	Axial blower Servo 5	229 059



15 Deliverable accessories

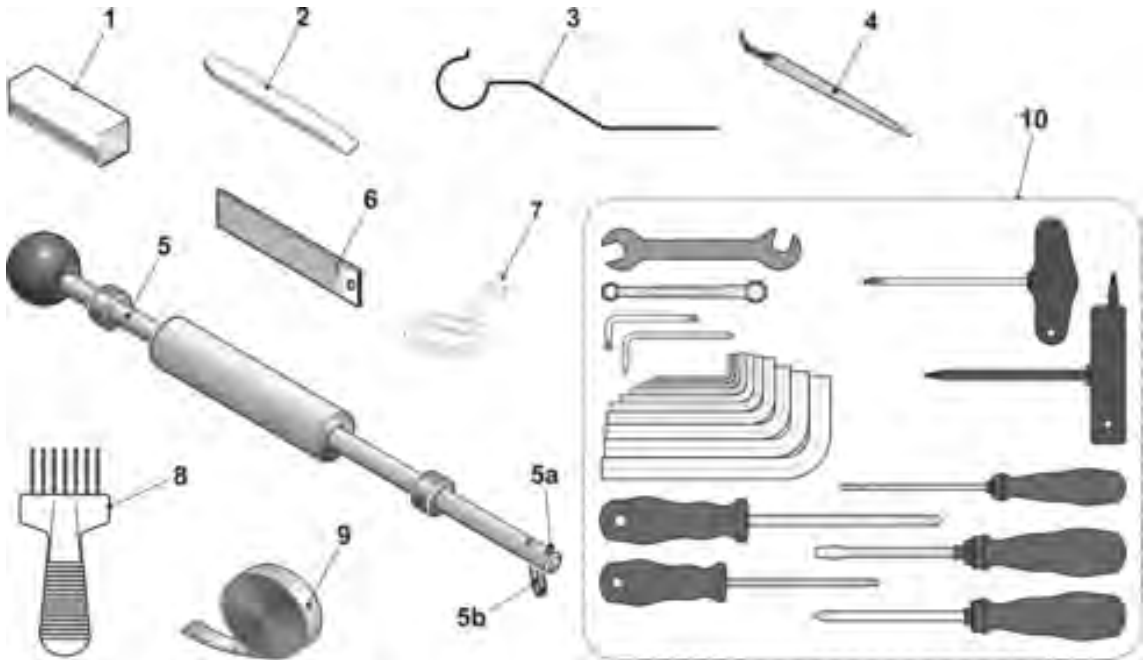


You can order the following tools, lubricants and expendables.
The following list does not correspond to the scope of delivery of the knitting machine.

15.1 Tool

15.1 Tool

Pos	Designation		Id		Pos	Designation	Id
1	Channel support E10, E5.2		062 314		6	Groove file 0,90mm E10-12, E5.2 6.2	006 175
	Channel support E12, E6.2		062 315			Groove file 0.73 mm E14, E7.2	006 173
	Channel support E14, E7.2		218 069			Groove file 0.45 mm E16-18, E9.2	006 179
	Channel support E16, E8.2		230 188		7	Key of switch cabinet	009 346
	Channel support E18, E9.2		230 189		8	Groove cleaner E10 (E5.2)	031 238
2	Channel chisel E14-20 (E5-14)		062 316			Groove cleaner E12 (E6.2)	031 240
	Channel chisel E10-14		062 318			Groove cleaner E14 (E7.2)	031 242
3	Yarn guide on the left		227 071			Groove cleaner E16	225 111
	Yarn guide on the right		227 070			Groove cleaner E18 (E9.2)	225 112
4	Working hook		227 249		9	Measuring tape L=150 cm	
5	Extraction hook		232 027	10	Tool kit		209 527
	A5	Small pin	202 843				
	5b	Pin	232 022				



15.2 Lubricating stuff

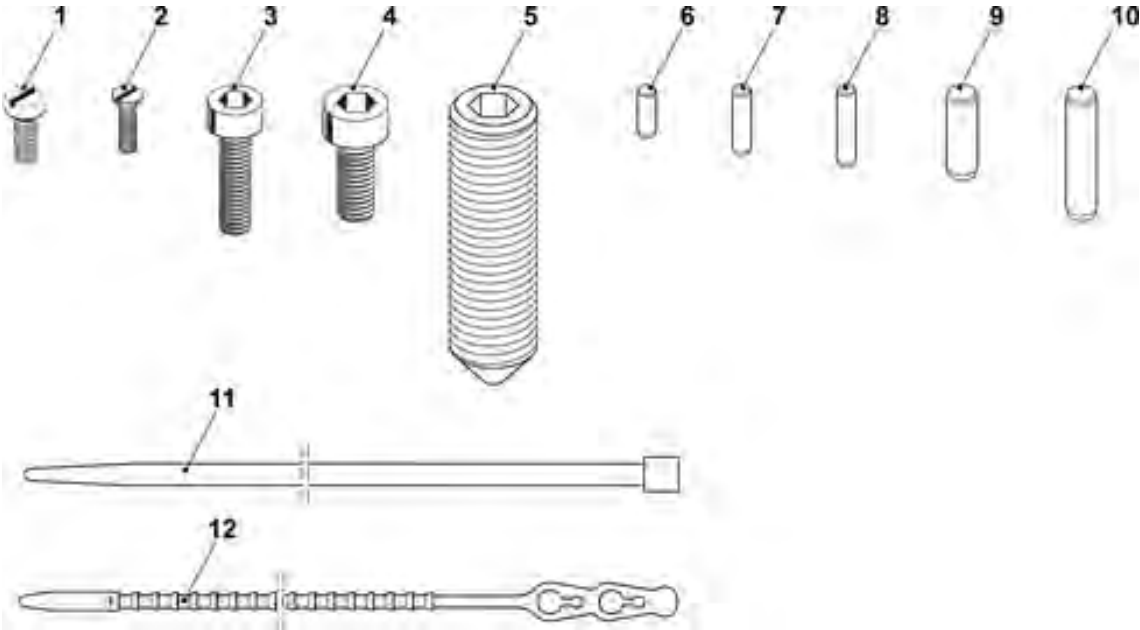
Pos	Designation	Ident No.		Pos	Designation	Ident No.
1	Textile machines oil T46, 1l	230 614		4	Oil combifix	216 732
2	Grease OKS 475, 1kg	009 200		5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351		6	Grease Staburags NBU 12/300KP	231 191



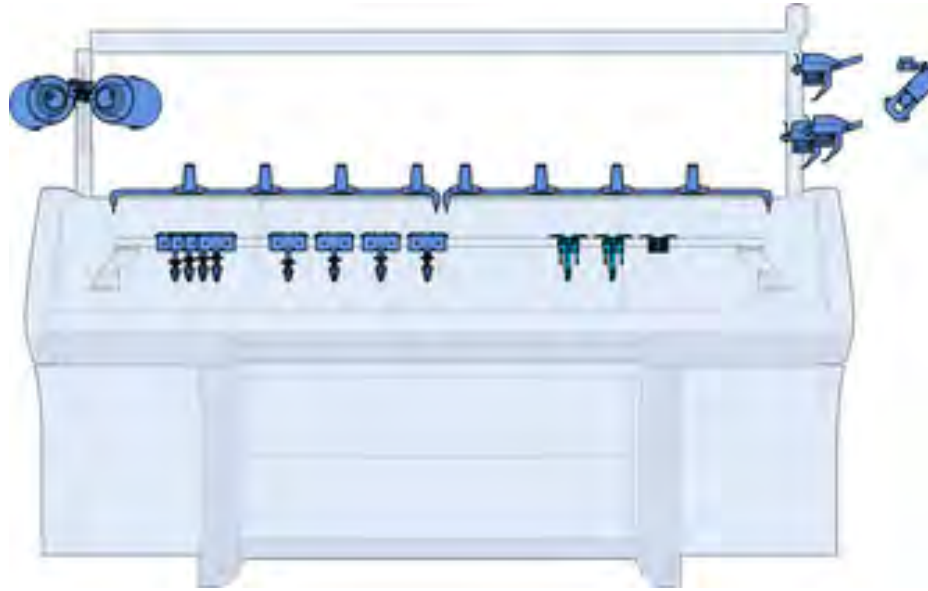
15.3 Mechanical parts

15.3 Mechanical parts

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



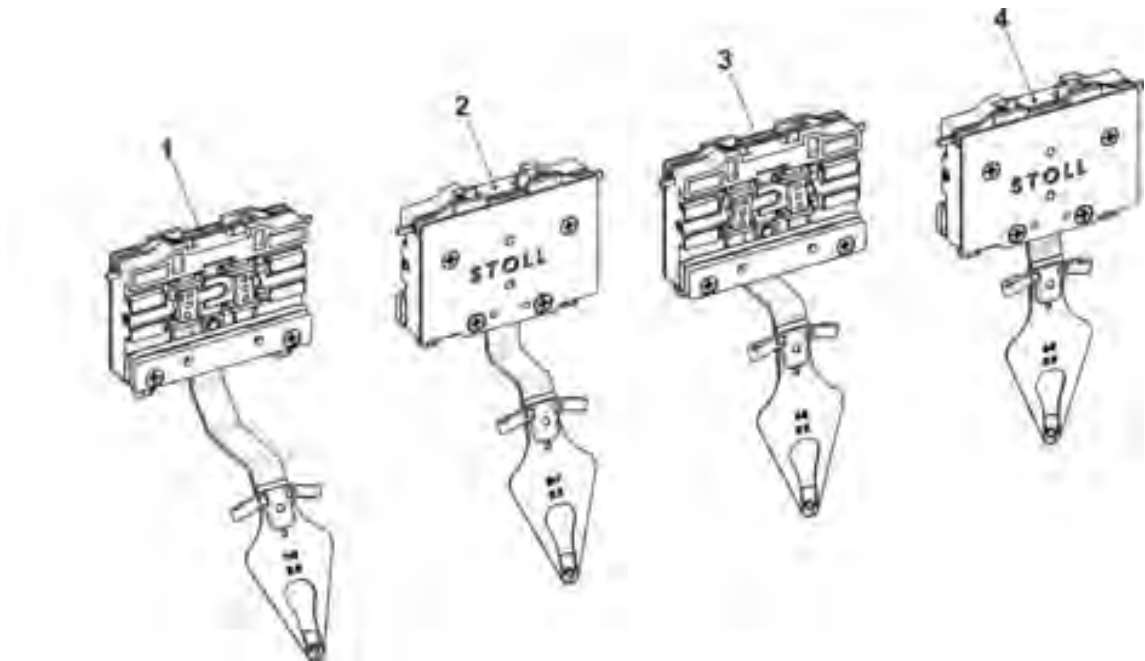
16 Special attachments



16.1 Complete intarsia yarn carriers type 2

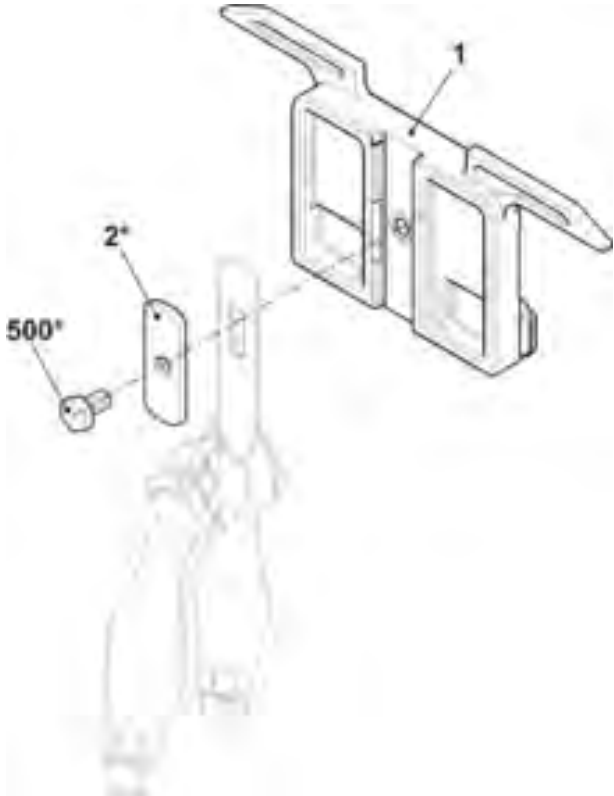
16.1 Complete intarsia yarn carriers type 2

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



16.2 Carriage of plating yarn carrier (43 mm)

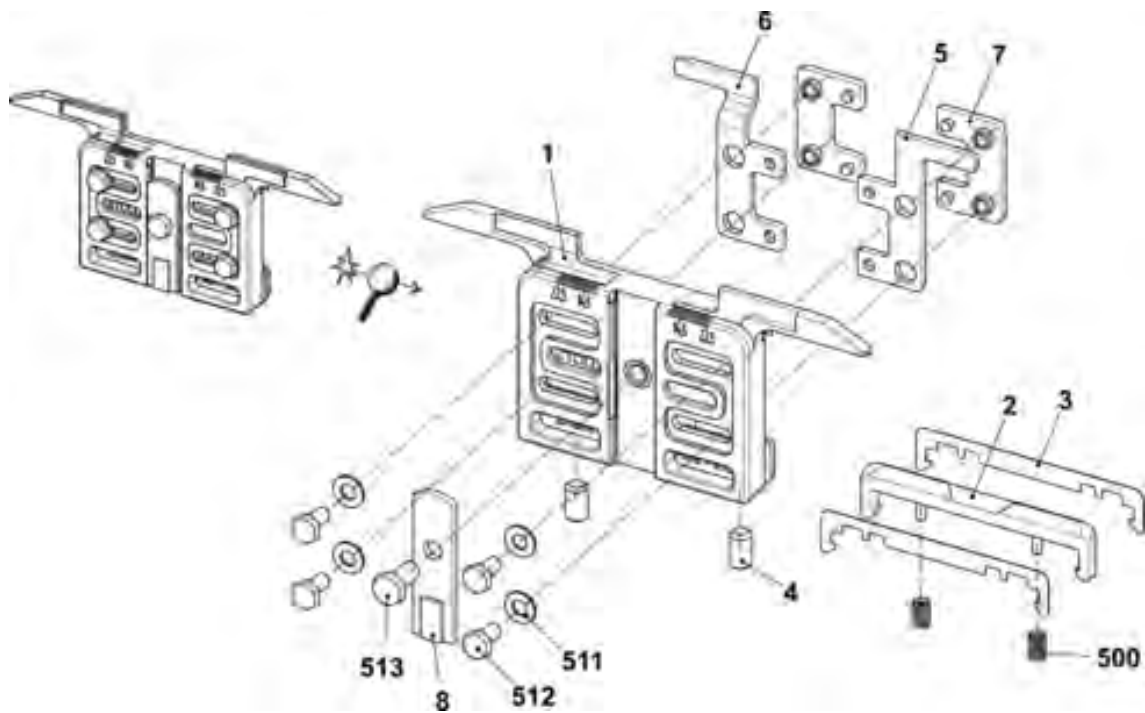
Pos	Designation	Ident No.		Pos	Designation	Ident No.
1	Plating YC carriage complete EW 43	257 241				
2*	Shim 0,03x11x80	213 035		500*	Hexagonal screw M5x10	020 351



16.3 Carriage of plating yarn carrier (adjustable)

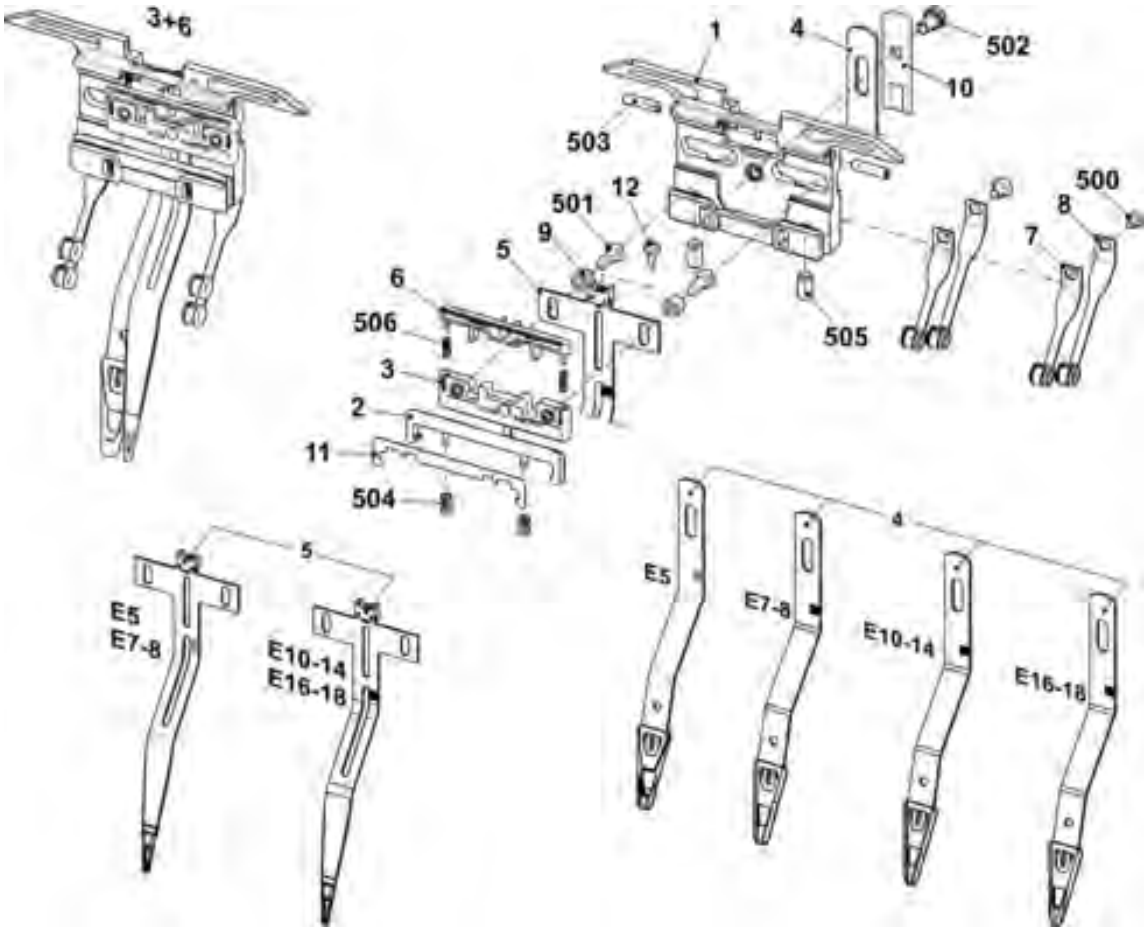
16.3 Carriage of plating yarn carrier (adjustable)

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

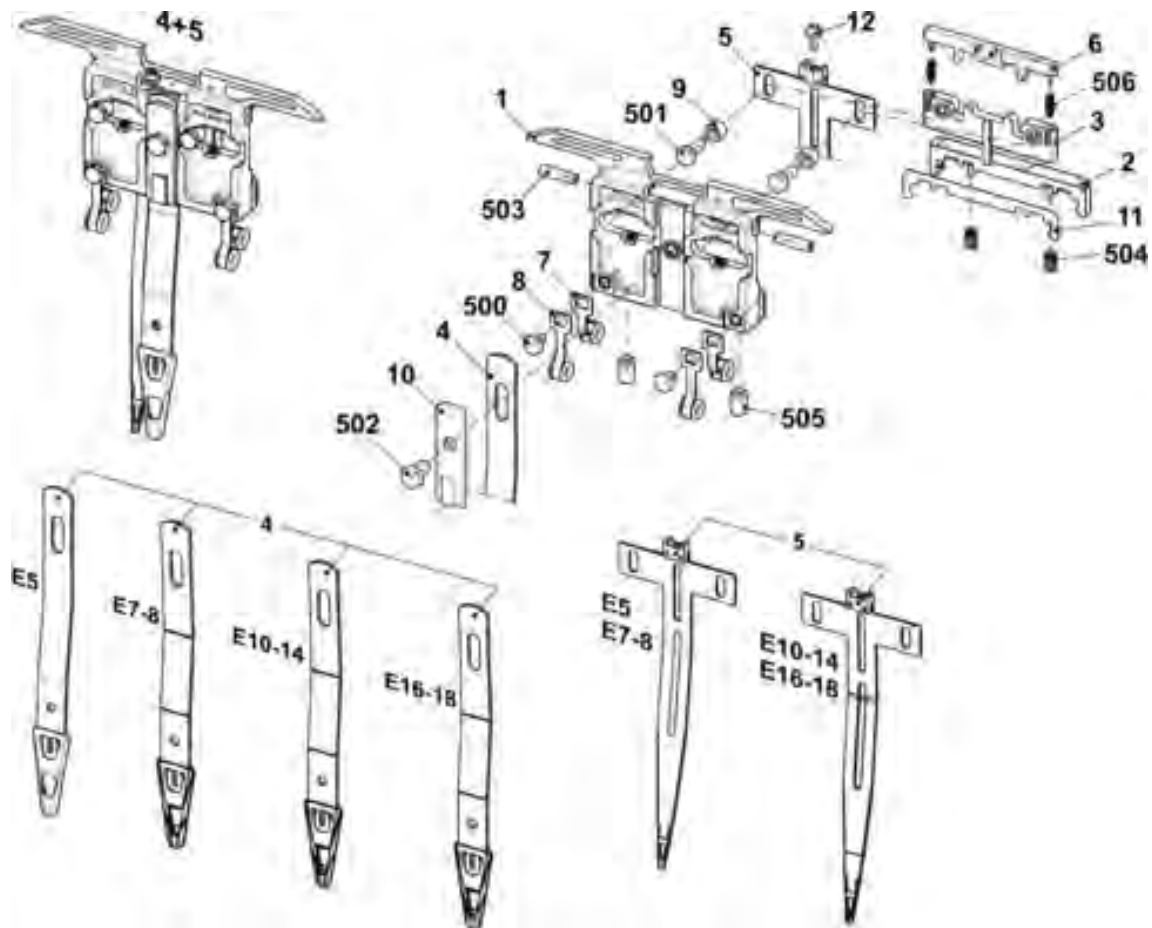


16.4 Plating yarn carrier 3+6

Pos	Designation	Id	Pos	Designation	Id
Σ	Plating yarn carrier carriage 3+6 complete				
	E6.2	252 784	7	Eyelet holder complete	252 825
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 786	8	Eyelet holder complete	252 824
	E16 E18	252 788	9	Spacer	252 796
1	Plating yarn carrier carriage	252 806	10	Shim 0.2x12x75	213 035
2	Sliding piece	212 583	11	Shim 0.2x12x75	216 143
3	Slider	252 798	12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6		500	Hexagon screw M4x5	243 779
	E6.2	252 821	501	Hexagon screw M4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 822	502	Hexagon screw	252 832
	E16 E18	252 823	503	Set screw M4x16	254 196
5	Plating yarn carrier bow 3+6 E6-2	252 800	504	Compression spring	021 399
	Plating yarn carrier bow 3+6 E10-18	252 808	505	Threaded bolt	213 399
6	Sliding piece	252 797	506	Compression spring	253 058

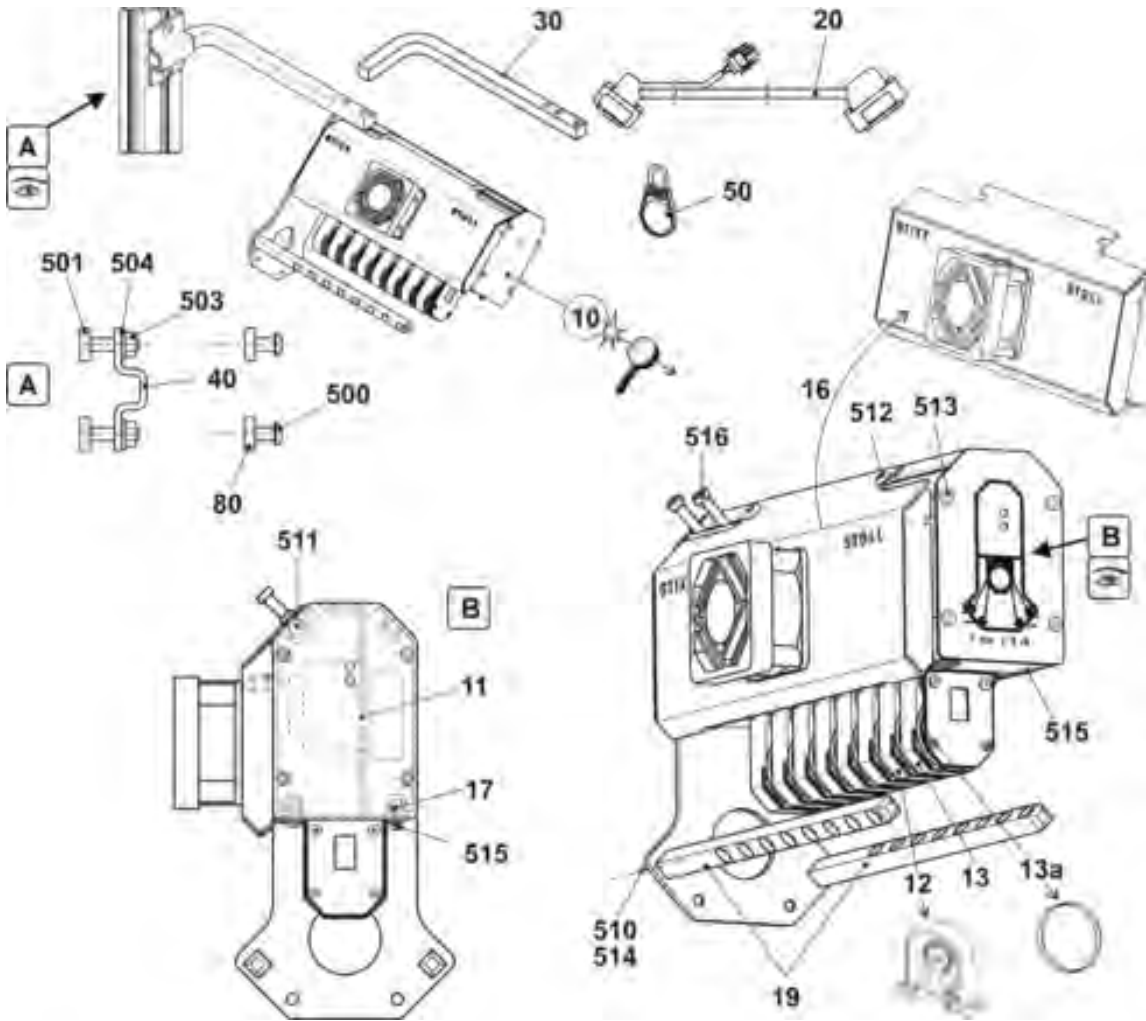


Pos	Designation	Id		Pos	Designation	Id
Σ	Plating yarn carrier carriage 4+5 complete					
	E6.2	252 783		7	Eyelet holder complete	252 815
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 785		8	Eyelet holder complete	252 816
	E16 E18	252 787		9	Spacer	252 796
1	Plating yarn carrier carriage	252 806		10	Shim 0.2x12x75	213 035
2	Sliding piece	212 583		11	Shim 0.2x12x75	216 143
3	Slider	252 798		12	Adjusting screw	253 436
4	Plating yarn carrier bow 3+6			500	Hexagon screw M4x5	243 779
	E6.2	252 791		501	Hexagon screw M4x10	020 346
	E10 E12 E14 E7.2 E8.2 E6.2(12m.10)	252 792		502	Hexagon screw	252 832
	E16 E18	252 793		503	Set screw M4x16	254 196
5	Plating yarn carrier bow 3+6 E6-2	252 799		504	Compression spring	021 399
	Plating yarn carrier bow 3+6 E10-18	252 807		505	Threaded bolt	213 399
6	Sliding piece	252 797		506	Compression spring	253 058



16.6 Yarn length measuring device

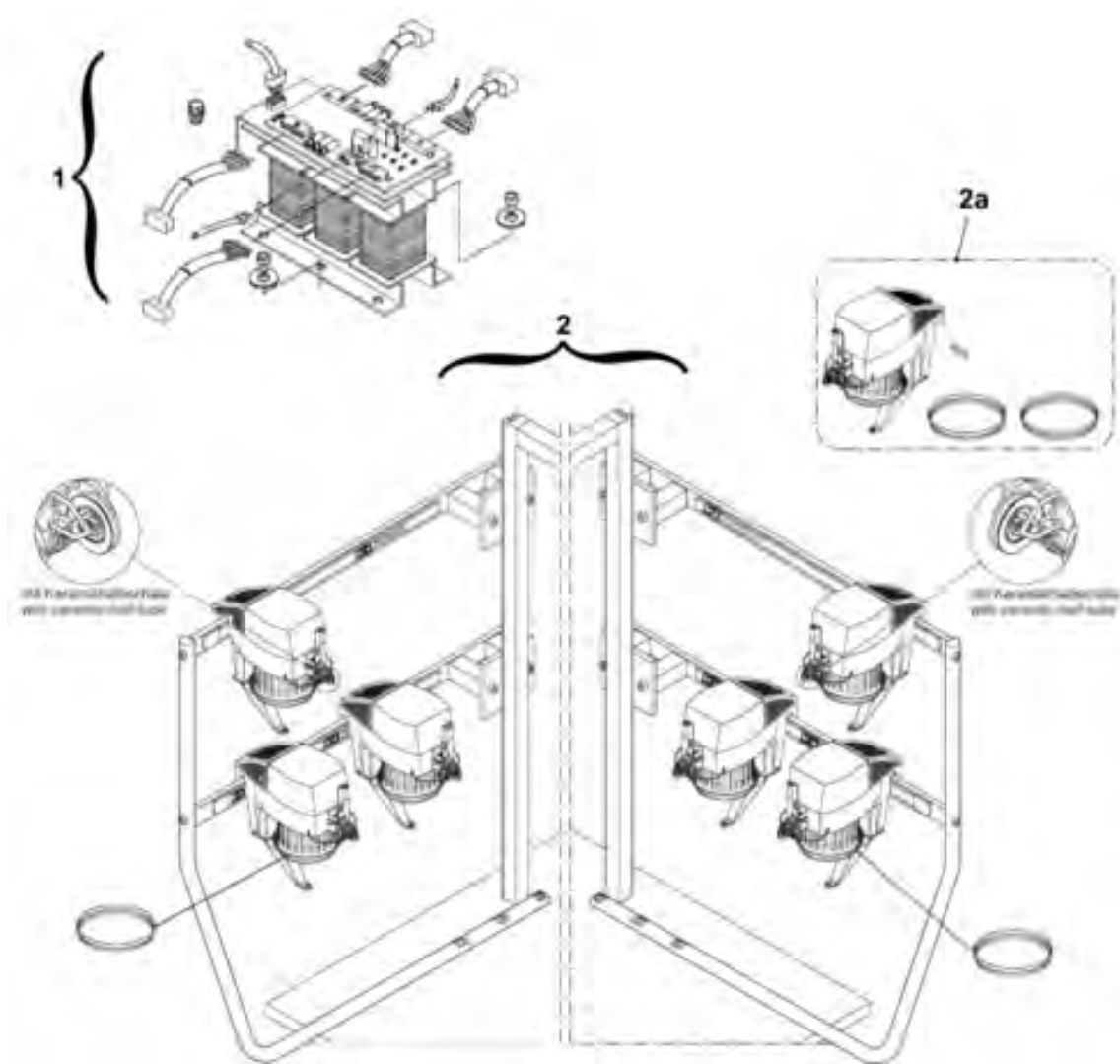
Pos	Designation	Id		Pos	Designation	Id	
Σ	Yarn length measuring device complete	228 943		10	Yarn length measuring device 3	236 275	
20	Cable length measuring device	236 718			11	Card FLM CPU	300 934
30	Support	223 029			12	Sensor	211 354
40	Clamp	228 583			13	Sensor complete	212 406
50	Adjustment weight	212 241			13a	Rubber running ring	258 582
80	Threaded strip	200 223			16	Fan complete	212 255
500	Countersunk screw M8x16	023 113			17	Threaded strip	211 801
501	Hammer head bolt M8x25	022 866			19	Yarn guide rod	211 352
503	Hexagon nut M4-6	020 838			510	Pan-head screw M5x10	023 247
504	U-washer 8,4	023 248			511	Spring nut M5	022 873
					512	Pan-head screw M5x6	023 246
					513	Sheet metal screw ST3.5x13	022 940
					514	Spring washer A5	022 454
					515	Oval head screw with washer M3x10	023 380
					516	Cap screw M5X22	023 193



16.7 Feed wheel SFE

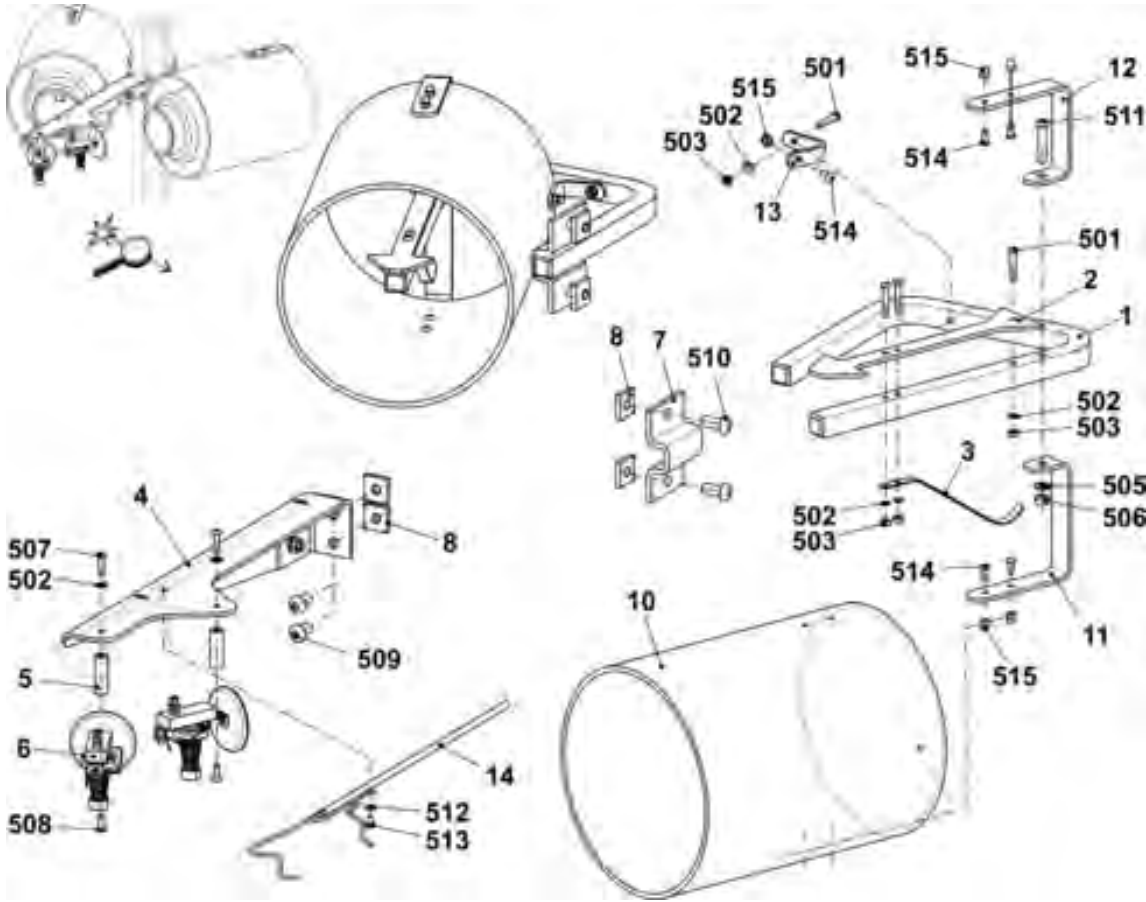
16.7 Feed wheel SFE

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



16.8 Bobbin holder on the left

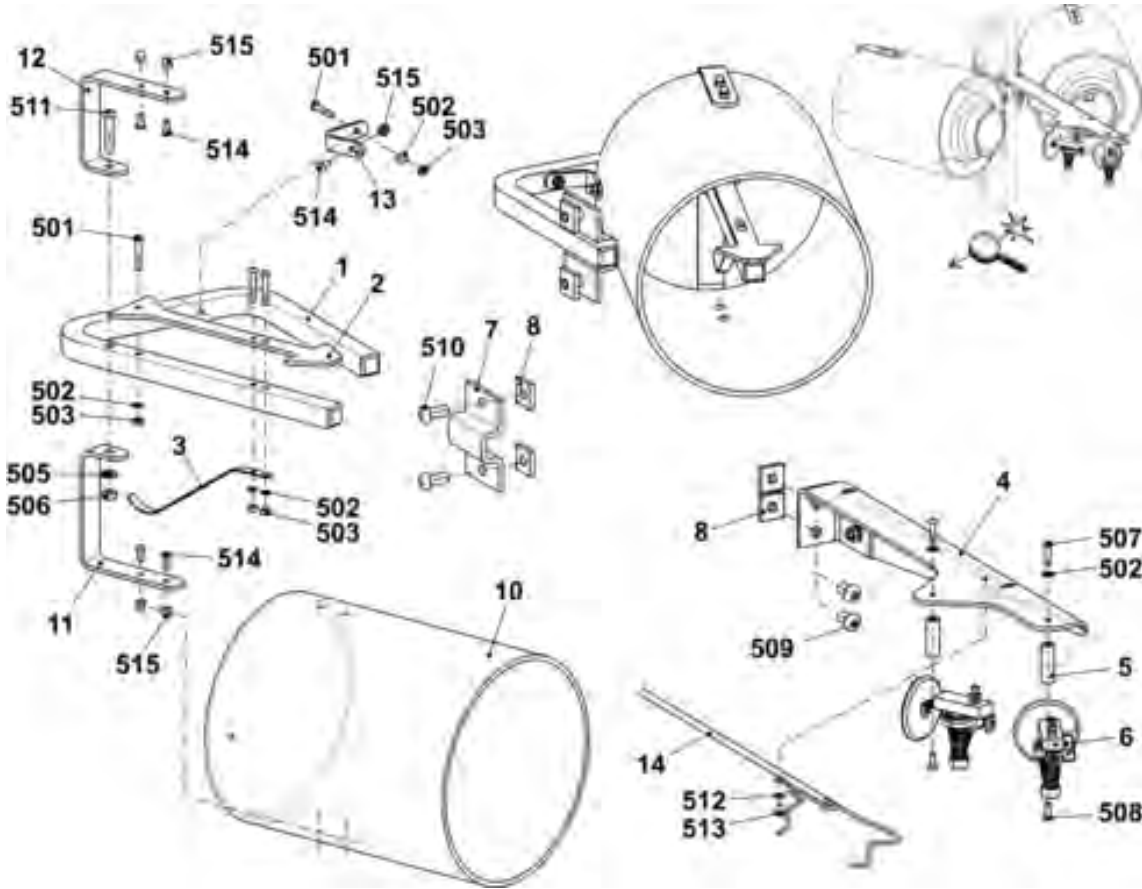
Pos	Designation	Id	Pos	Designation	Id
Σ	Bobbin holder on the left	253 965	501	Countersunk screw M4x25	023 511
1	Support	253 969	502	U-washer 4	022 481
2	Support	252 769	503	Hexagon nut M4-6	022 536
3	Leaf spring	253 350	505	U-washer 6	022 431
4	Support on the left	253 347	506	Hexagon nut M6-6	022 899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



16.9 Bobbin holder on the right

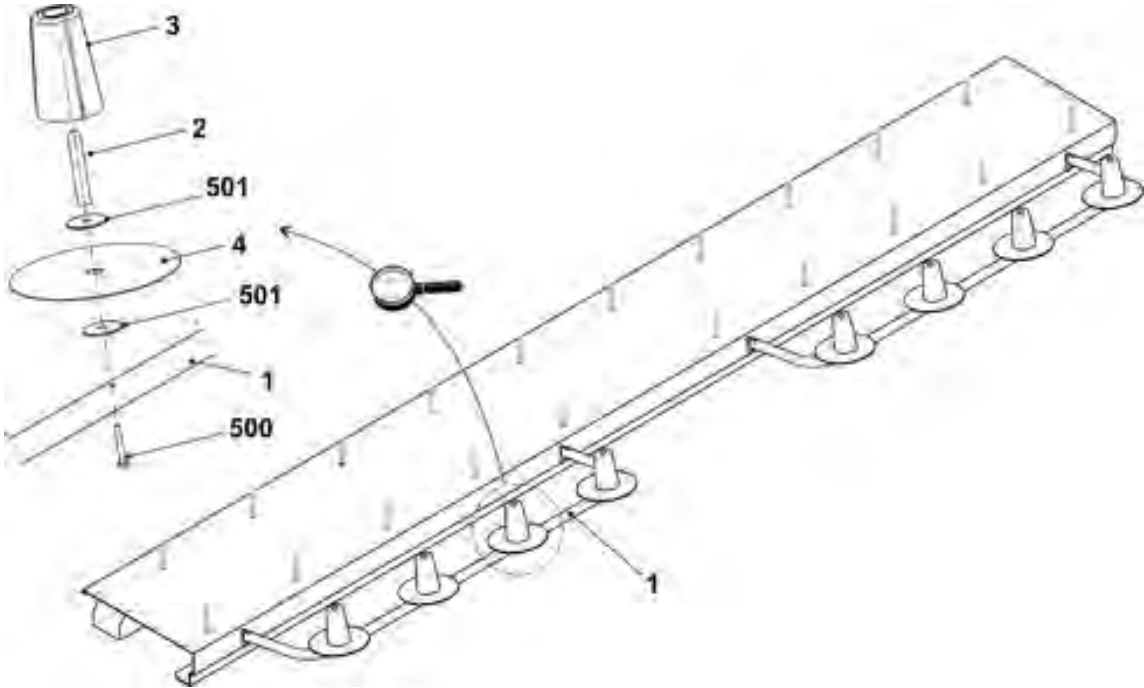
16.9 Bobbin holder on the right

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



16.10 Additional bobbin board

Pos	Designation	Id		Pos	Designation	Id
Σ	Additional bobbin board	241 852				
1	Additional bobbin board welded	241 851		4	Washer 4.3x7x0.5	062 385
2	Positioning pin	202 777		500	Pan-head screw M4x30	023 681
3	Bobbin support	200 363		501	Washer 5.3x30x1.25	023 556

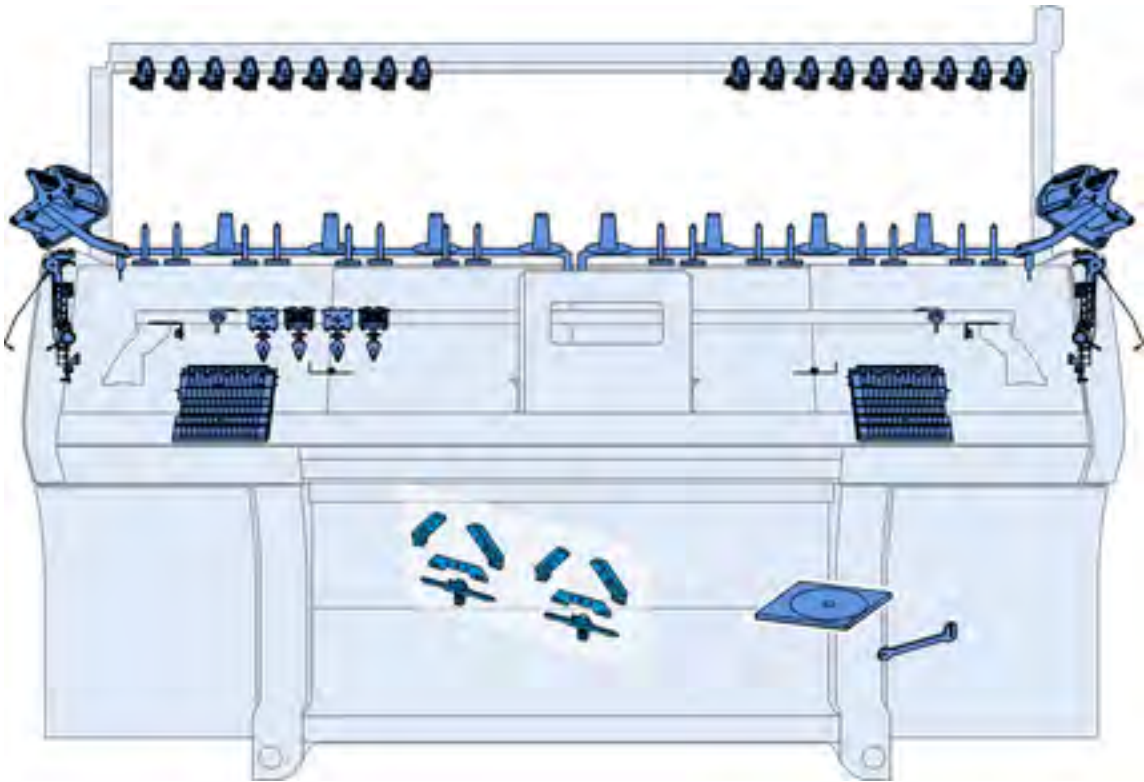


16.10 Additional bobbin board

Notes:

17 Conversion kit with 24 and 32 IFF Type 2

	Designation	Id
24 IFF:	Conversion kit 24 IFF Type 2 E10 E12 E14	257 607
	Conversion kit 24 IFF Type 2 E16 E18	257 611
	Conversion kit 24 IFF Type 2 E6.2	257 608
	Conversion kit 24 IFF Type 2 E7.2 E6.2(12m.10)	257 609
	Conversion kit 24 IFF Type 2 E8.2	257 603
32 IFF:	Conversion kit 32 IFF Type 2 E10 E12 E14	257 543
	Conversion kit 32 IFF Type 2 E16 E18	257 544
	Conversion kit 32 IFF Type 2 E6.2	257 545
	Conversion kit 32 IFF Type 2 E7.2 E6.2(12m.10)	256 546
	Conversion kit 32 IFF Type 2 E8.2	257 547

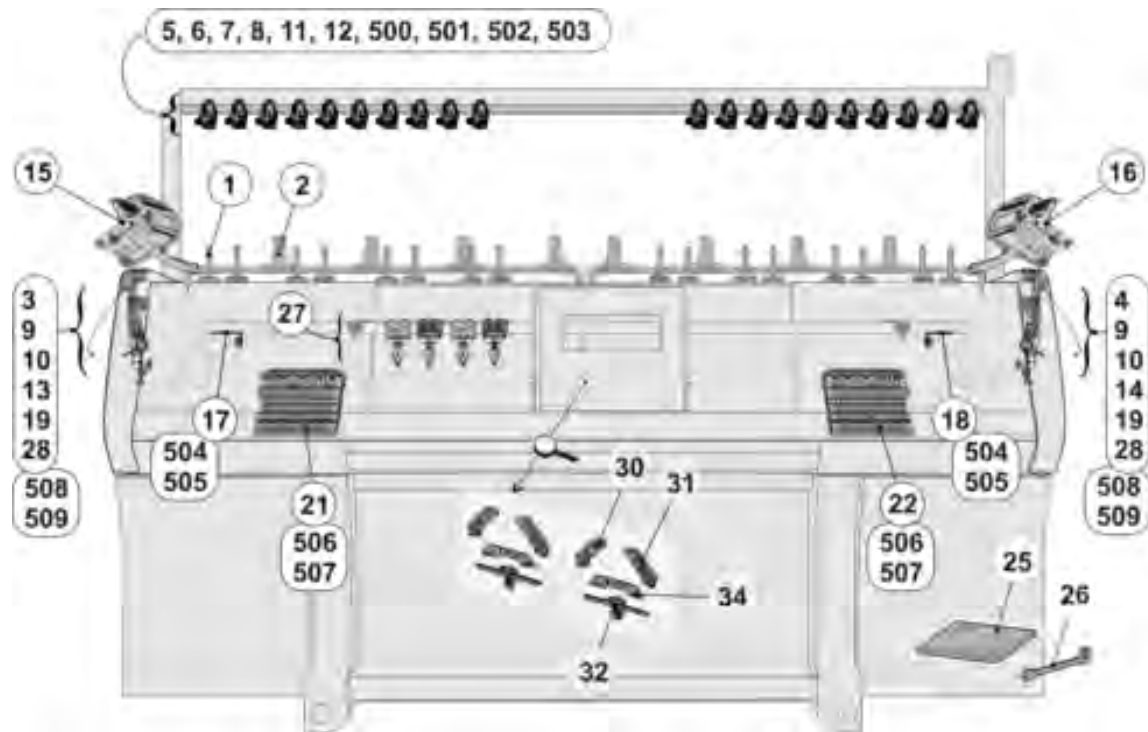


17.1 Overview of conversion kit with 24 IFF E10 |E12|E14|E16|E18

17.1 Overview of conversion kit with 24 IFF E10
|E12|E14|E16|E18

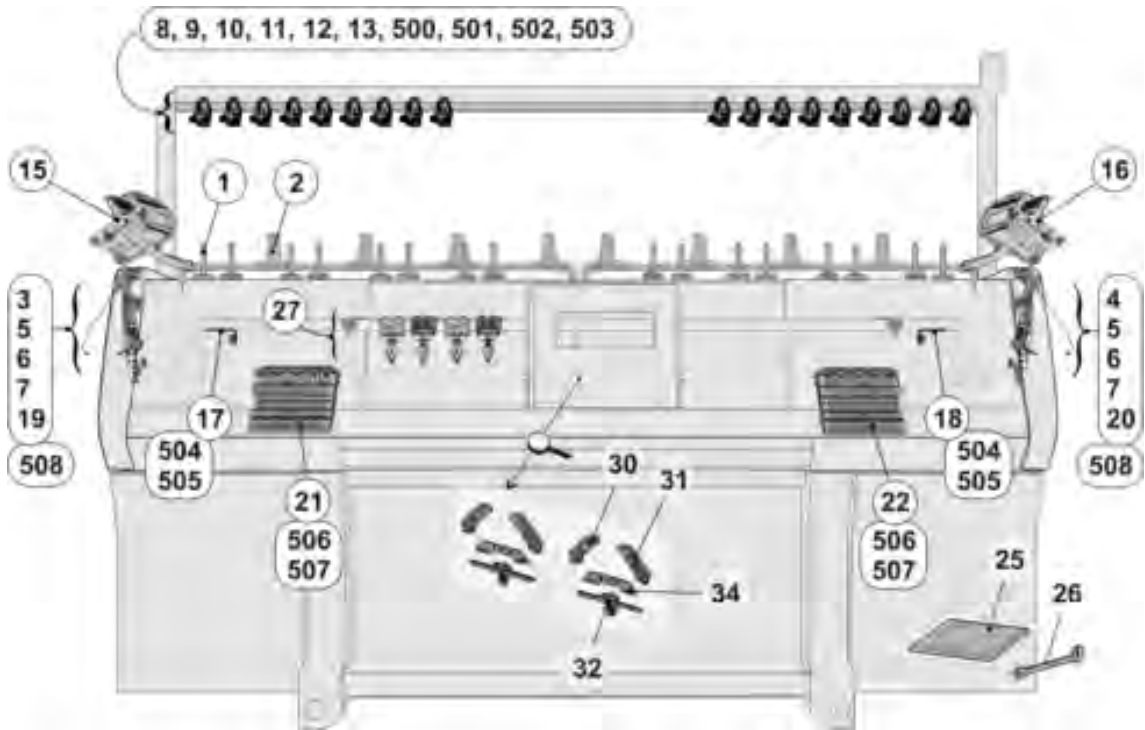
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2					
	E10 E12 E14	257 607		22	Clamping and cutting bed on the right E10-14	253 681
	E16 E18	257 611		22	Clamping and cutting bed on the right E16-18 E8.2	253 683
1	Magnetic holder complete	229 373		25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424		26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	244 500		27	Yarn guide complete E10-14 IFF 24	256 936
4	Yarn tensioner on the right complete E10-18	244 503			Yarn guide complete E16-18 IFF 24	256 937
5	Yarn guide bar 50 inch	240 324		28	Ceramic eyelet	240 640
6	Support on the left	243 602		30	Stitch cam on the left short tuck E10-14+7.2	255 428
7	Support on the right	243 603			Stitch cam on the left short tuck E16-18+8.2	255 547
8	Support	239 295		31	Stitch cam on the right short tuck E10-14+7.2	255 429
9	Yarn brake complete	244 347			Stitch cam on the right short tuck E16-18+8.2	255 548
10	Clamping bow	244 409		32	Pressure part short tuck	255 430
11	Yarn control device	237 124		34	Knitting raising cam plate	256 491
12	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
13	Stop bar on the left complete	258 454		501	Ribbed lock washer M6-10	023 414
14	Stop bar on the right complete	258 562		502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the left complete	244 991		503	Countersunk screw M8x16	023 113
16	Friction feed wheel 16 fold on the right complete	244 992		504	Cap screw M6X14	022 658
17	Yarn deflector on the left complete	244 517		505	U-washer 6	020 881
18	Yarn deflector on the right complete	244 521		506	Setting pin 6x16	020 677
19	Deflector complete	257 287		507	Screw M6x20	244 824
21	Clamping and cutting bed on the left E5-8	253 682		508	Screw KB60 x 20	237 682
	Clamping and cutting bed on the left E16-18 E8.2	253 684		509	Disc 6	022 537

17.1 Overview of conversion kit with 24 IFF E10 | E12 | E14 | E16 | E18



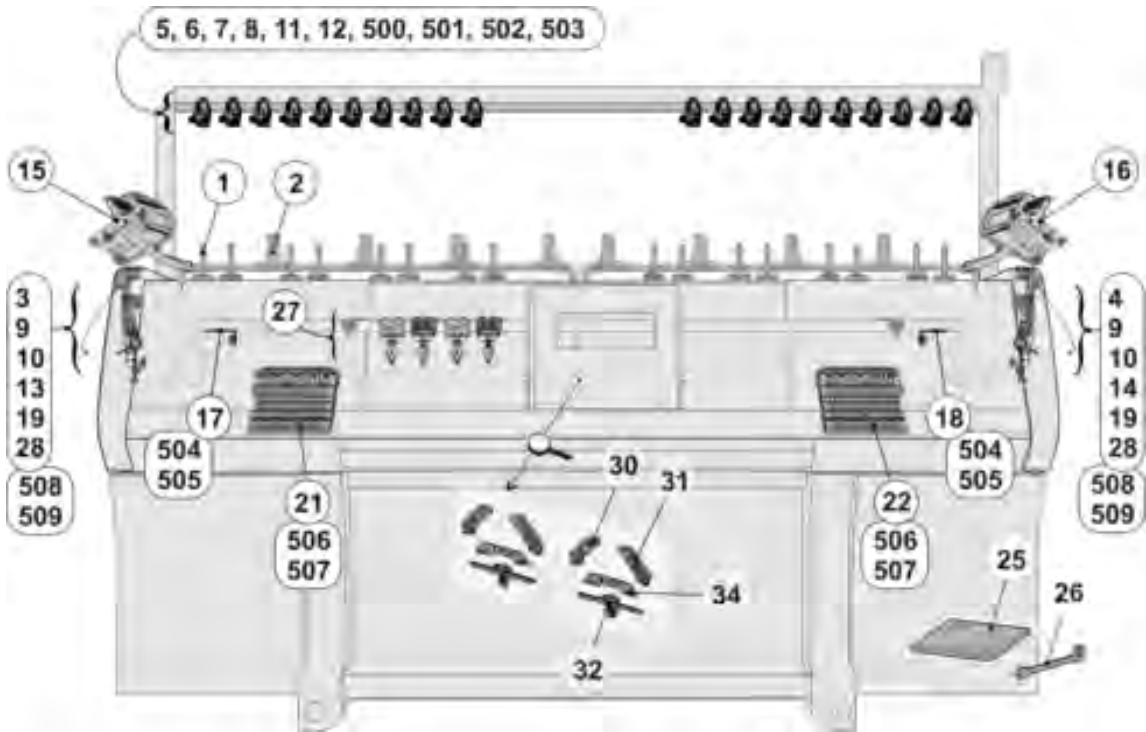
17.2 Overview of conversion kit with 24 IFF E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E6.2	257 608		20	Deflector on the right complete	223 049
1	Magnetic holder complete	229 373		21	Clamping and cutting bed on the left E5-8	253 682
2	Additional bobbin board IFF complete	244 424		22	Clamping and cutting bed on the right E10-14	253 681
3	Yarn tensioner on the left complete E7-8	244 499		25	DVD instructions conversion kit IFF	245 169
4	Yarn tensioner on the right complete E7-8	244 502		26	Adjusting part for yarn carrier bow	250 119
5	Yarn brake complete	244 347		27	Yarn guide complete E7-8 IFF 24	256 935
6	Clamping bow	244 409		30	Stitch cam on the left short tuck E6.2	255 551
7	Ceramic eyelet	240 640		31	Stitch cam on the right short tuck E6.2	255 552
8	Yarn guide bar	240 324		32	Pressure part short tuck E6.2	255 430
9	Support on the left	243 602		34	Knitting raising cam plate	256 491
10	Support on the right	243 603		500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124		501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581		502	Square nut M8	023 269
13	Support	239 295		503	Countersunk screw M8x16	023 113
15	Friction feed wheel 16 fold on the left complete	244 991		504	Cap screw M6X14	022 658
16	Friction feed wheel 16 fold on the right complete	244 992		505	U-washer 6	020 881
17	Yarn deflector on the left complete	244 517		506	Setting pin 6x16	020 677
18	Yarn deflector on the right complete	244 521		507	Screw M6x20	244 824
19	Deflector on the left complete	223 316		508	Screw KB60 x 20	237 682



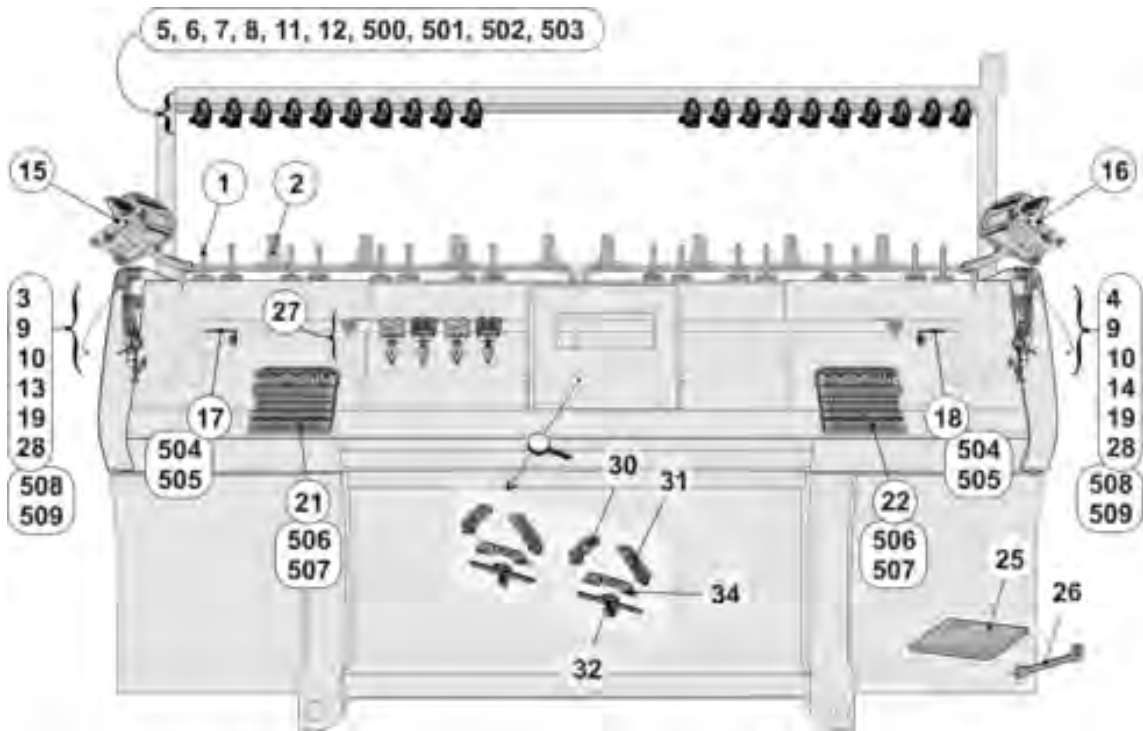
17.3 Overview of conversion kit with 24 IFF
E7.2 | E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E7.2	257 609	21	Clamping and cutting bed on the left E5-8	253 682
1	Magnetic holder complete	229 373	22	Clamping and cutting bed on the right E10-14	253 681
2	Additional bobbin board 50" IFF complete	244 424	25	DVD instructions conversion kit IFF	245 169
3	Yarn tensioner on the left complete E10-18	244 500	26	Adjusting part for yarn carrier bow	250 119
4	Yarn tensioner on the right complete E10-18	244 503	27	Yarn guide complete E10-14 IFF 24	256 936
5	Yarn guide bar 50 inch	240 324	28	Ceramic eyelet	240 640
6	Support on the left	243 602	30	Stitch cam on the left short tuck E10-14+7.2	255 428
7	Support on the right	243 603	31	Stitch cam on the right short tuck E10-14+7.2	255 429
8	Support	239 295	32	Pressure part short tuck	255 430
9	Yarn brake complete	244 347	34	Knitting raising cam plate	256 491
10	Clamping bow	244 409	500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124	501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581	502	Square nut M8	023 269
13	Stop bar on the left complete	258 454	503	Countersunk screw M8x16	023 113
14	Stop bar on the right complete	258 562	504	Cap screw M6X14	022 658
15	Friction feed wheel 16 fold on the left complete	244 991	505	U-washer 6	020 881
16	Friction feed wheel 16 fold on the right complete	244 992	506	Setting pin 6x16	020 677
17	Yarn deflector on the left complete	244 517	507	Screw M6x20	244 824
18	Yarn deflector on the right complete	244 521	508	Screw KB60 x 20	237 682
19	Deflector complete	257 287	509	U-washer 6	022 537



17.4 Overview of conversion kit with 24 IFF E8.2

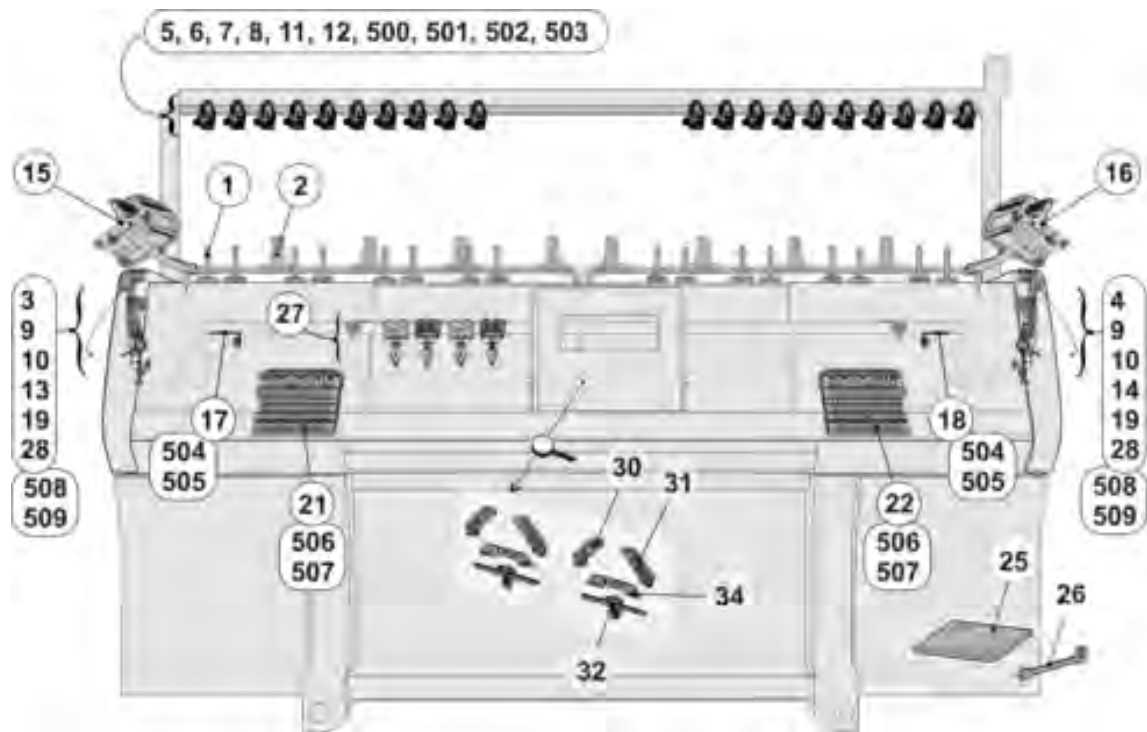
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E8.2	257 613		21	Clamping and cutting bed on the left E16-18	253 684
1	Magnetic holder complete	229 373		22	Clamping and cutting bed on the right E16-18	253 683
2	Additional bobbin board 50" IFF complete	244 424		25	DVD instructions conversion kit IFF	245 169
3	Yarn tensioner on the left complete E10-18	244 500		26	Adjusting part for yarn carrier bow	250 119
4	Yarn tensioner on the right complete E10-18	244 503		27	Yarn guide complete E10-14 IFF 24	256 936
5	Yarn guide bar 50 inch	240 324		28	Ceramic eyelet	240 640
6	Support on the left	243 602		30	Stitch cam on the left short tuck E16-18+8.2	255 547
7	Support on the right	243 603		31	Stitch cam on the right short tuck E16-18+8.2	255 548
8	Support	239 295		32	Pressure part short tuck	255 430
9	Yarn brake complete	244 347		34	Knitting raising cam plate	256 491
10	Clamping bow	244 409		500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124		501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581		502	Square nut M8	023 269
13	Stop bar on the left complete	258 454		503	Countersunk screw M8x16	023 113
14	Stop bar on the right complete	258 562		504	Cap screw M6X14	022 658
15	Friction feed wheel 16 fold on the left complete	244 991		505	U-washer 6	020 881
16	Friction feed wheel 16 fold on the right complete	244 992		506	Setting pin 6x16	020 677
17	Yarn deflector on the left complete	244 517		507	Screw M6x20	244 824
18	Yarn deflector on the right complete	244 521		508	Screw KB60 x 20	237 682
19	Deflector complete	257 287		509	Disc 6	022 537



17.5 Overview of conversion kit with 32 IFF E10
|E12|E14|E16|E18

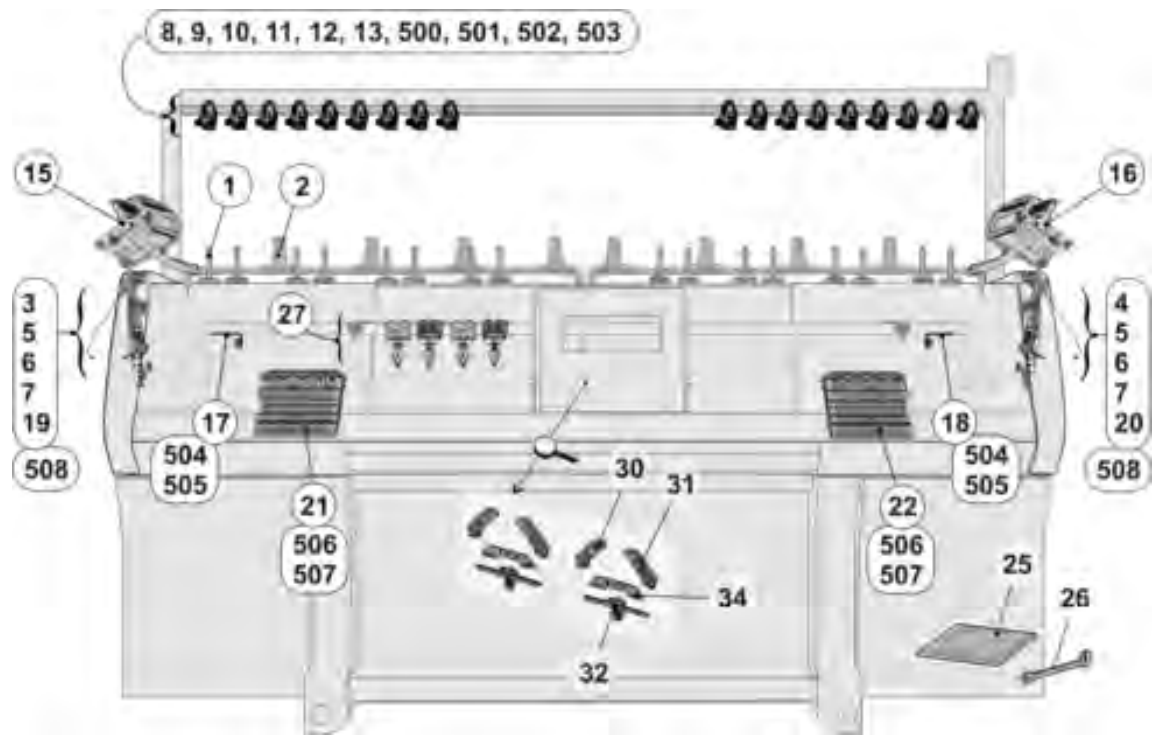
Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2					
	E10 E12 E14	257 543		22	Clamping and cutting bed on the right E10-14	253 681
	E16 E18	257 544			Clamping and cutting bed on the right E16-18 E8.2	253 683
1	Magnetic holder complete	229 373		25	DVD instructions conversion kit IFF	245 169
2	Additional bobbin board 50" IFF complete	244 424		26	Adjusting part for yarn carrier bow	250 119
3	Yarn tensioner on the left complete E10-18	244 500		27	Yarn guide complete E10-14 IFF	245 163
4	Yarn tensioner on the right complete E10-18	244 503			Yarn guide complete E16-18 IFF 24	245 164
5	Yarn guide bar 50 inch	240 324		28	Ceramic eyelet	240 640
6	Support on the left	243 602		30	Stitch cam on the left short tuck E10-14+7.2	255 428
7	Support on the right	243 603			Stitch cam on the left short tuck E16-18+8.2	255 547
8	Support	239 295		31	Stitch cam on the right short tuck E10-14+7.2	255 429
9	Yarn brake complete	244 347			Stitch cam on the right short tuck E16-18+8.2	255 548
10	Clamping bow	244 409		32	Pressure part short tuck	255 430
11	Yarn control device	237 124		34	Knitting raising cam plate	256 491
12	Yarn guide bracket complete	241 581		500	Self-locking screw M6x12	023 415
13	Stop bar on the left complete	258 454		501	Ribbed lock washer M6-10	023 414
14	Stop bar on the right complete	258 562		502	Square nut M8	023 269
15	Friction feed wheel 16 fold on the left complete	244 991		503	Countersunk screw M8x16	023 113
16	Friction feed wheel 16 fold on the right complete	244 992		504	Cap screw M6X14	022 658
17	Yarn deflector on the left complete	244 517		505	U-washer 6	020 881
18	Yarn deflector on the right complete	244 521		506	Setting pin 6x16	020 677
19	Deflector complete	257 287		507	Screw M6x20	244 824
21	Clamping and cutting bed on the left E5-8	253 682		508	Screw KB60 x 20	237 682
	Clamping and cutting bed on the left E16-18 E8.2	253 684		509	U-washer 6	022 537

17.5 Overview of conversion kit with 32 IFF E10 | E12 | E14 | E16 | E18



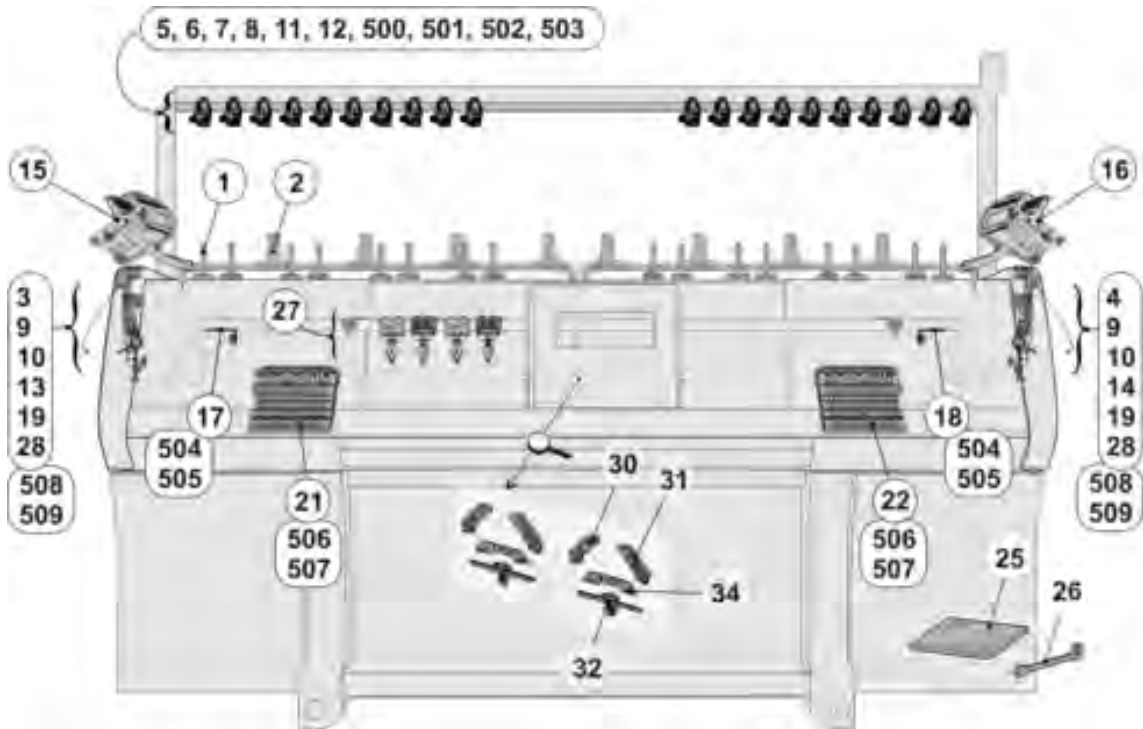
17.6 Overview of conversion kit with 32 IFF E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E6.2	257 545	20	Deflector on the right complete	223 049
1	Magnetic holder complete	229 373	21	Clamping and cutting bed on the left E5-8	253 682
2	Additional bobbin board IFF complete	244 424	22	Clamping and cutting bed on the right E10-14	253 681
3	Yarn tensioner on the left complete E7-8	244 499	25	DVD instructions conversion kit IFF	245 169
4	Yarn tensioner on the right complete E7-8	244 502	26	Adjusting part for yarn carrier bow	250 119
5	Yarn brake complete	244 347	27	Yarn guide complete E7-8 IFF	245 162
6	Clamping bow	244 409	30	Stitch cam on the left short tuck E6.2	255 551
7	Ceramic eyelet	240 640	31	Stitch cam on the right short tuck E6.2	255 552
8	Yarn guide bar	240 324	32	Pressure part short tuck E6.2	255 430
9	Support on the left	243 602	34	Knitting raising cam plate	256 491
10	Support on the right	243 603	500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124	501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581	502	Square nut M8	023 269
13	Support	239 295	503	Countersunk screw M8x16	023 113
15	Friction feed wheel 16 fold on the left complete	244 991	504	Cap screw M6X14	022 658
16	Friction feed wheel 16 fold on the right complete	244 992	505	U-washer 6	020 881
17	Yarn deflector on the left complete	244 517	506	Setting pin 6x16	020 677
18	Yarn deflector on the right complete	244 521	507	Screw M6x20	244 824
19	Deflector on the left complete	223 316	508	Screw KB60 x 20	237 682



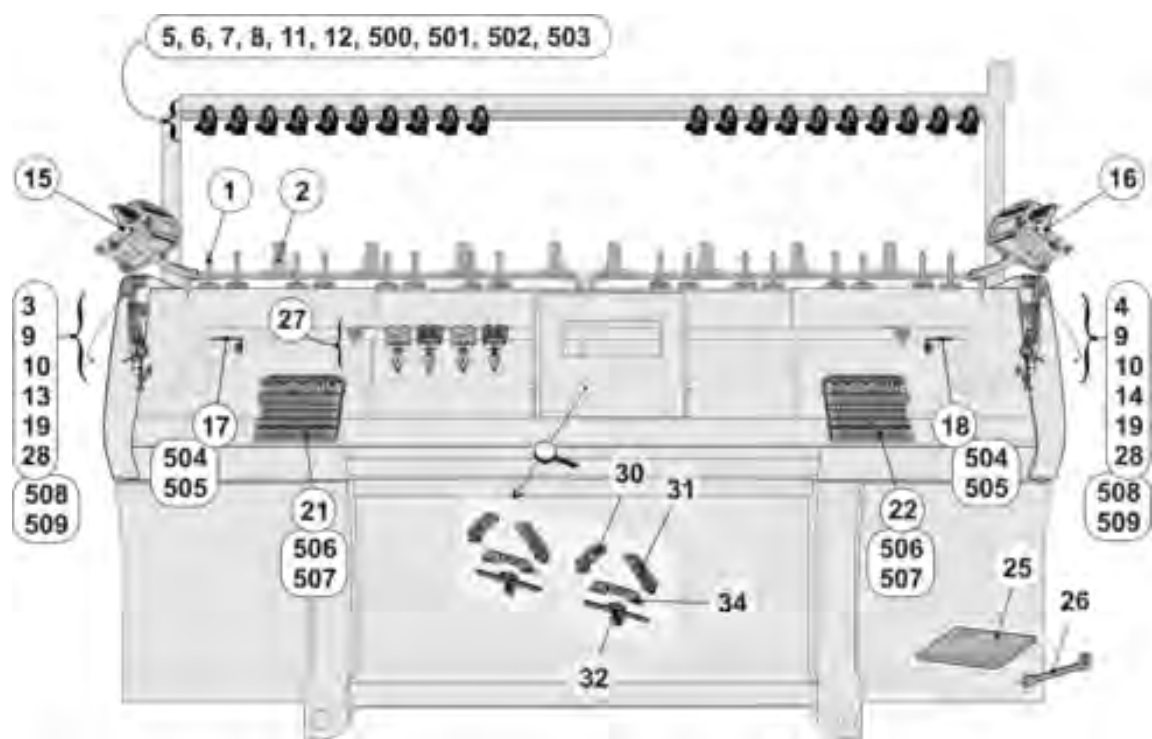
17.7 Overview of conversion kit with 32 IFF
E7.2 | E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Conversion kit 32 IFF Type 2 E7.2	257 546		21	Clamping and cutting bed on the left E5-8	253 682
1	Magnetic holder complete	229 373		22	Clamping and cutting bed on the right E10-14	253 681
2	Additional bobbin board 50" IFF complete	244 424		25	DVD instructions conversion kit IFF	245 169
3	Yarn tensioner on the left complete E10-18	244 500		26	Adjusting part for yarn carrier bow	250 119
4	Yarn tensioner on the right complete E10-18	244 503		27	Yarn guide complete E10-14 IFF	245 163
5	Yarn guide bar 50 inch	240 324		28	Ceramic eyelet	240 640
6	Support on the left	243 602		30	Stitch cam on the left short tuck E10-14+7.2	255 428
7	Support on the right	243 603		31	Stitch cam on the right short tuck E10-14+7.2	255 429
8	Support	239 295		32	Pressure part short tuck	255 430
9	Yarn brake complete	244 347		34	Knitting raising cam plate	256 491
10	Clamping bow	244 409		500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124		501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581		502	Square nut M8	023 269
13	Stop bar on the left complete	258 454		503	Countersunk screw M8x16	023 113
14	Stop bar on the right complete	258 562		504	Cap screw M6X14	022 658
15	Friction feed wheel 16 fold on the left complete	244 991		505	U-washer 6	020 881
16	Friction feed wheel 16 fold on the right complete	244 992		506	Setting pin 6x16	020 677
17	Yarn deflector on the left complete	244 517		507	Screw M6x20	244 824
18	Yarn deflector on the right complete	244 521		508	Screw KB60 x 20	237 682
19	Deflector complete	257 287		509	Disc 6	022 537



17.8 Overview of conversion kit with 32 IFF E8.2

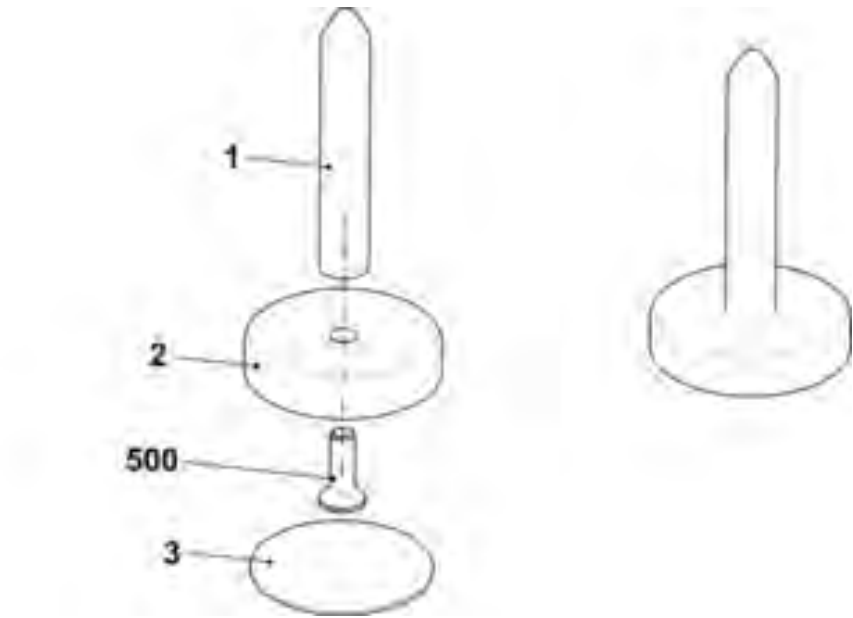
Pos	Designation	Id	Pos	Designation	Id
Σ	Conversion kit 24 IFF Type 2 E8.2	257 547	21	Clamping and cutting bed on the left E16-18	253 684
1	Magnetic holder complete	229 373	22	Clamping and cutting bed on the right E16-18	253 683
2	Additional bobbin board 50" IFF complete	244 424	25	DVD instructions conversion kit IFF	245 169
3	Yarn tensioner on the left complete E10-18	244 500	26	Adjusting part for yarn carrier bow	250 119
4	Yarn tensioner on the right complete E10-18	244 503	27	Yarn guide complete E10-14 IFF	245 163
5	Yarn guide bar 50 inch	240 324	28	Ceramic eyelet	240 640
6	Support on the left	243 602	30	Stitch cam on the left short tuck E16-18+8.2	255 547
7	Support on the right	243 603	31	Stitch cam on the right short tuck E16-18+8.2	255 548
8	Support	239 295	32	Pressure part short tuck	255 430
9	Yarn brake complete	244 347	34	Knitting raising cam plate	256 491
10	Clamping bow	244 409	500	Self-locking screw M6x12	023 415
11	Yarn control device	237 124	501	Ribbed lock washer M6-10	023 414
12	Yarn guide bracket complete	241 581	502	Square nut M8	023 269
13	Stop bar on the left complete	258 454	503	Countersunk screw M8x16	023 113
14	Stop bar on the right complete	258 562	504	Cap screw M6X14	022 658
15	Friction feed wheel 16 fold on the left complete	244 991	505	U-washer 6	020 881
16	Friction feed wheel 16 fold on the right complete	244 992	506	Setting pin 6x16	020 677
17	Yarn deflector on the left complete	244 517	507	Screw M6x20	244 824
18	Yarn deflector on the right complete	244 521	508	Screw KB60 x 20	237 682
19	Deflector on the left complete	223 316	509	U-washer 6	022 537



17.9 Magnet support

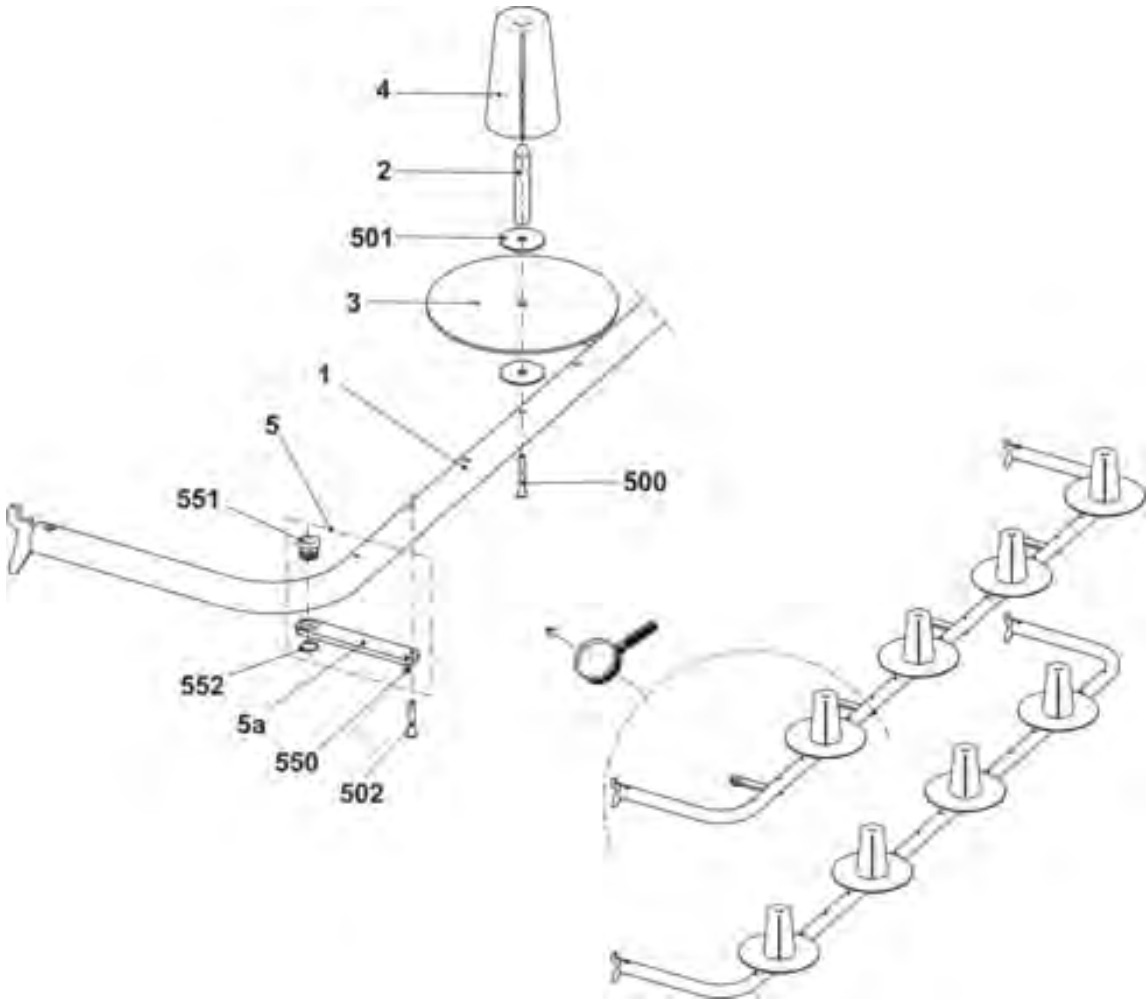
17.9 Magnet support

Pos	Designation	ID		Pos	Designation	ID
Σ	Magnetic 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



17.10 Additional board (top, bottom)

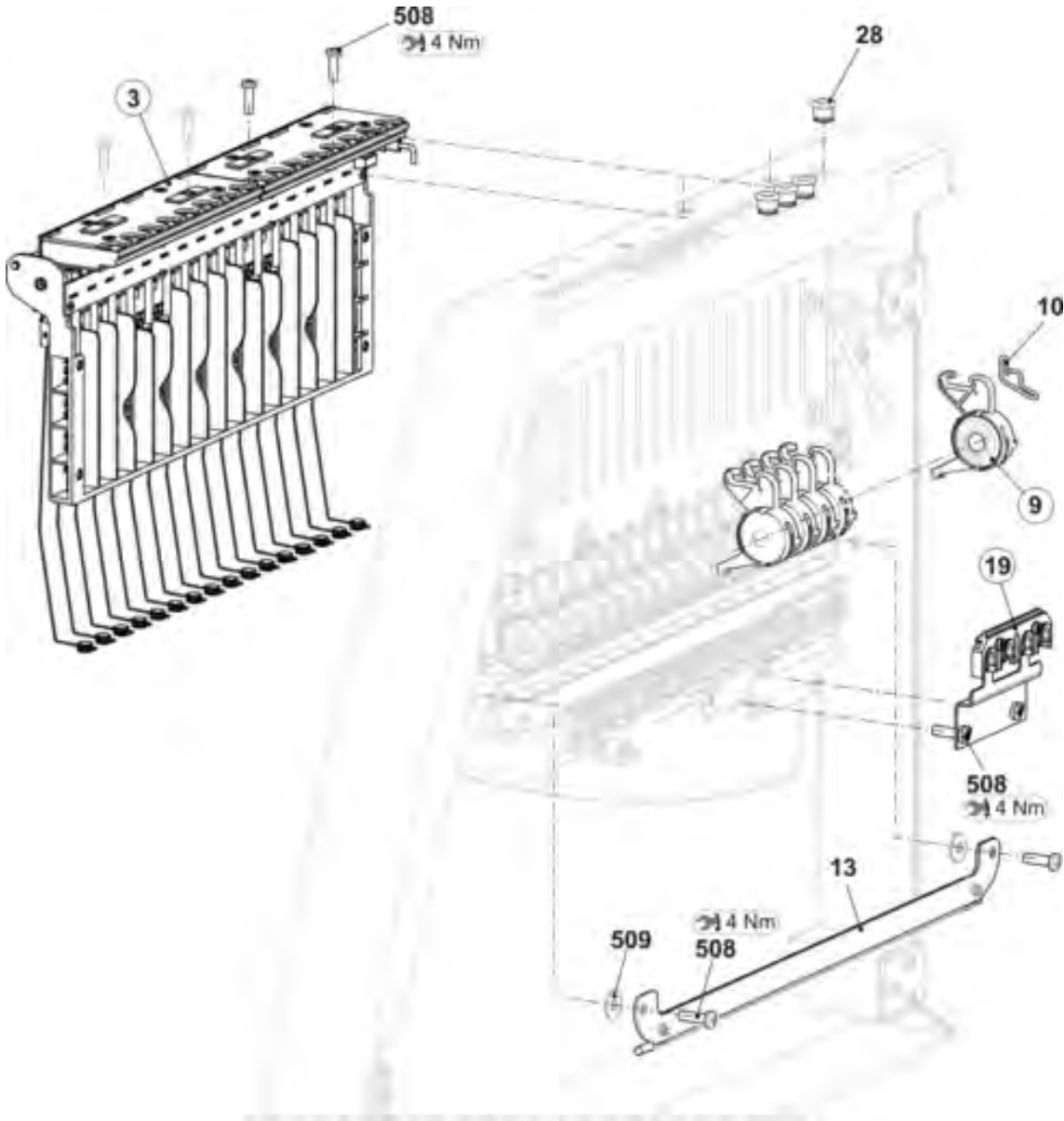
Pos	Designation		ID		Pos	Designation		ID
Σ	Additional board 50" IYC complete		244 424					
1	Additional bobbin board welded		243 608		5	550	Setting pin 3x12	020 647
2	Positioning pin		202 777			551	Eyelet	021 504
3	Disc D=130		062 385			552	Snap ring A12	020 996
4	Bobbin support		200 363		500	Countersunk screw M4x30		023 681
5	Yarn guide		243 765		501	Washer 5.3x30x1.25		023 556
	A5	Guiding part	243 623		502	Countersunk screw M4x25		023 511



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

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

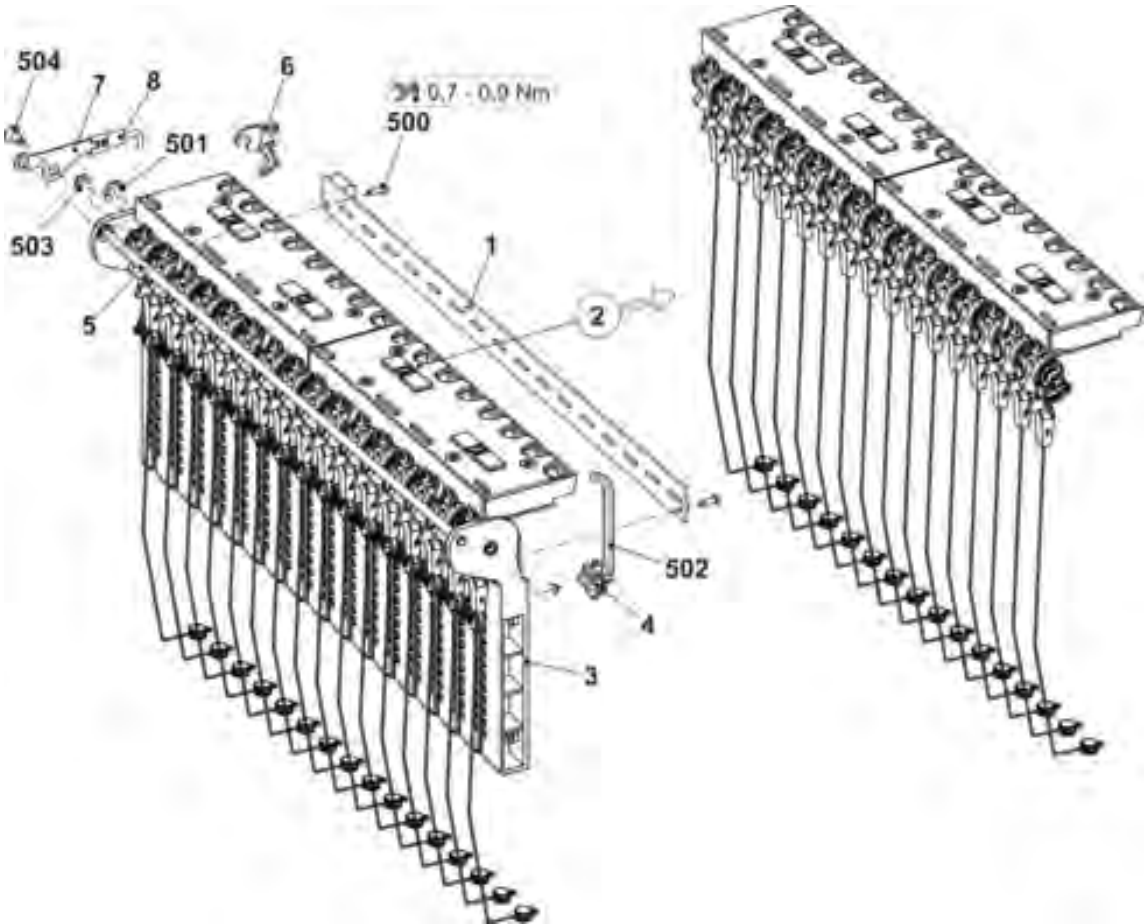
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the left complete E10-18	258 461		19	Deflector complete	257 287
9	Yarn brake complete	244 347		28	Ceramic eyelet	240 640
10	Clamping bow	244 409		508	Screw KB60 x 20	237 682
13	Stop bar on the left complete	258 454		509	U-washer 6	022 537



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

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

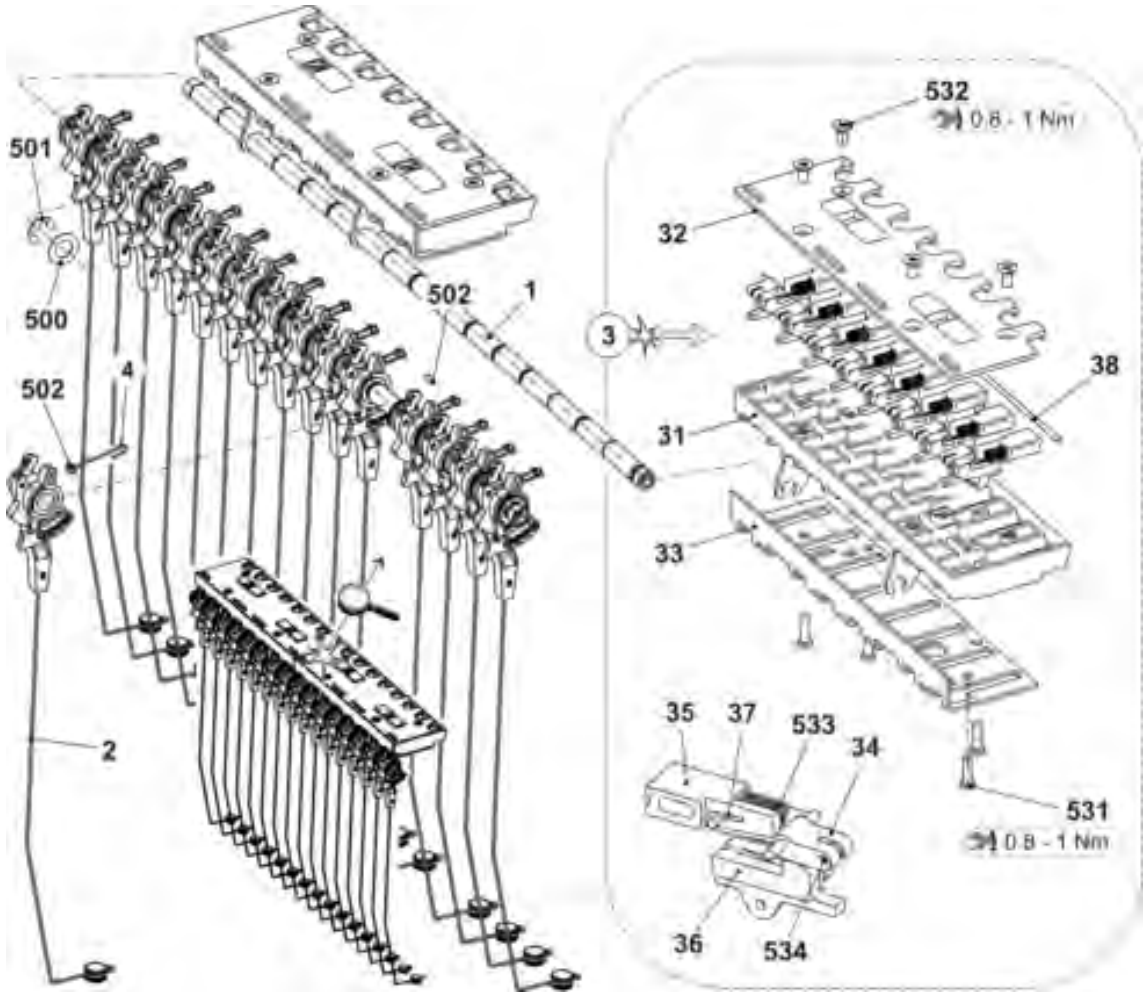
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 461	7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345	8	Ground cable yarn tensioner OKC	243 105
2	Tension axle complete E10-18	258 460	500	Screw KB 30x8	236 228
3	Housing	241 367	501	Circlip	021 022
4	Slider	241 694	502	Tension spring 4.9x0.45x53	023 504
5	Stop point	241 368	503	Circlip	021 020
6	Spacer	242 048	504	Countersunk screw M4x12	241 914



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

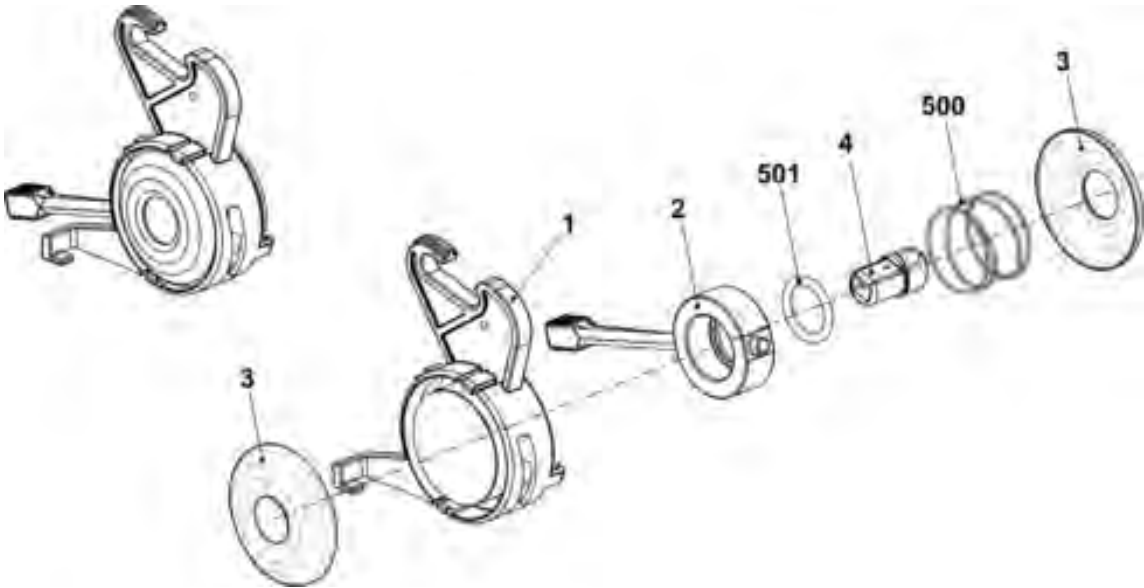
17.11.1.1 Tension axle E10|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle complete E10-18	258 460		3	Thread clamp AKF	238 695
1	Axle	244 522		31	Housing AKF	238 689
2	Tension arm pre-assembled E10 –18	258 459		32	Cover AKF	237 926
4	Wire bow	238 694		33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0.5	023 501		34	Lever AKF	238 692
501	Circlip	021 022		35	Pressure peace AKF	238 690
502	Grooved pin 2x6	243 172		36	Slider AKF	238 691
				37	Wire bow	238 694
				38	Wire	237 940
				531	Screw KB 35x12	237 681
				532	Screw KB 40x8	236 227
				533	Compression spring 0.30x4.50x18.50	241 437
				534	Grooved pin 2x6	243 172



17.11.2 Yarn brake

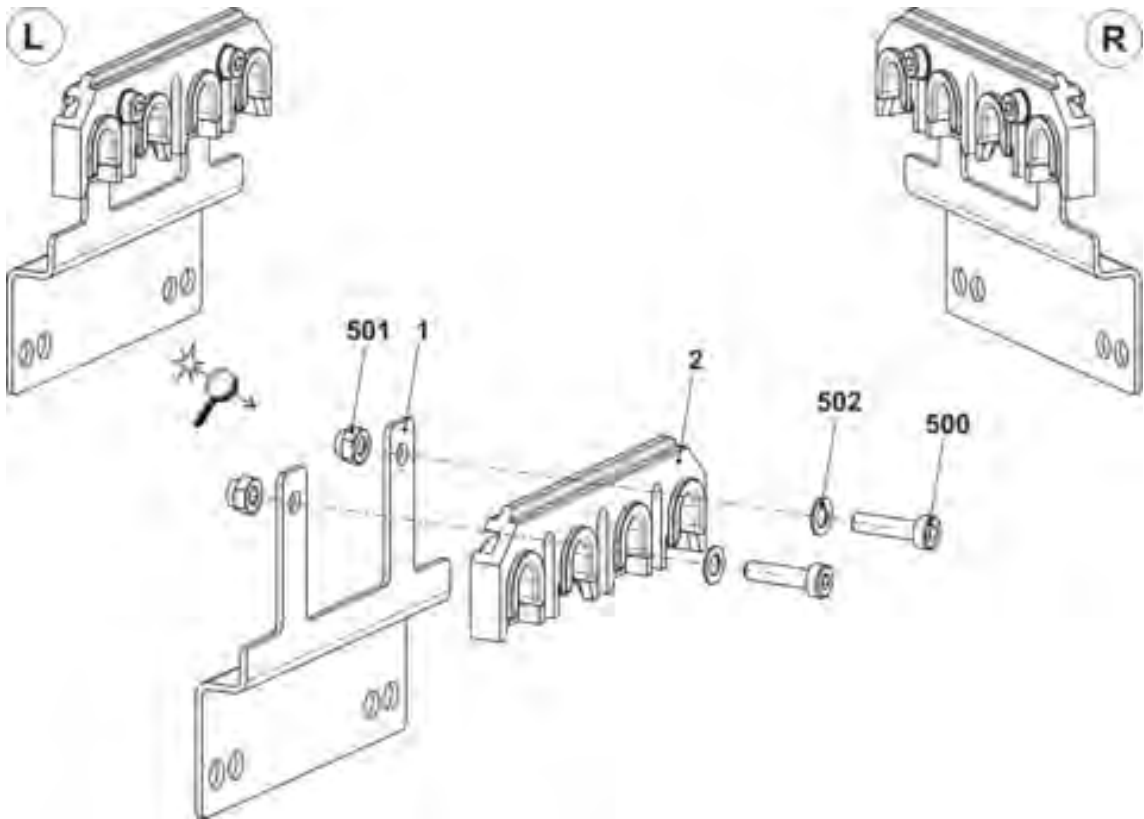
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn brake complete	244 347				
1	Support	240 607		4	Ceramic eyelet open	243 778
2	Slider	240 606		500	Compression spring 0.65x20.15x14.80	241 361
3	Brake disk	244 355		501	O-ring 11x2	241 434



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

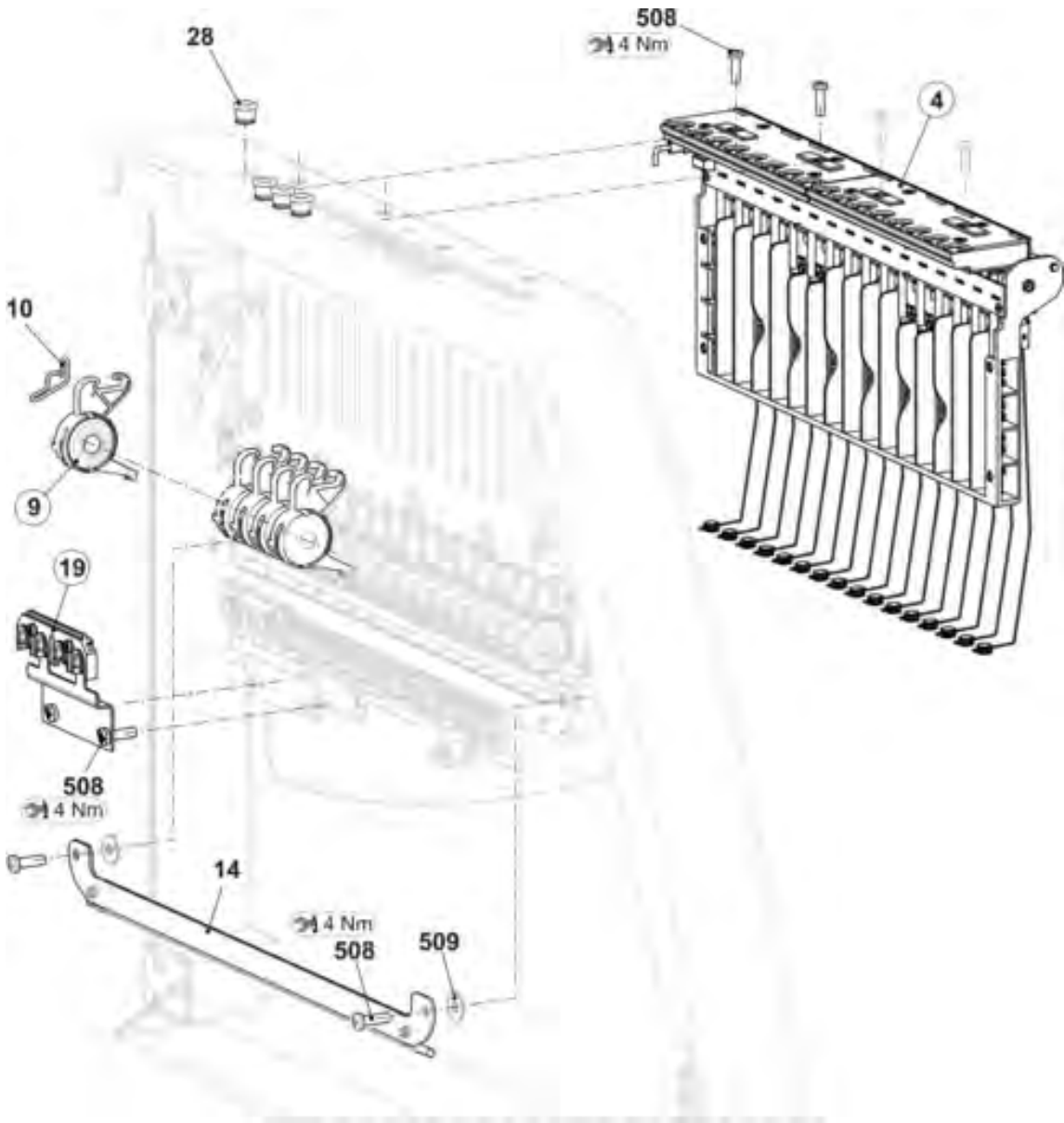
17.11.3 Deflector

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



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

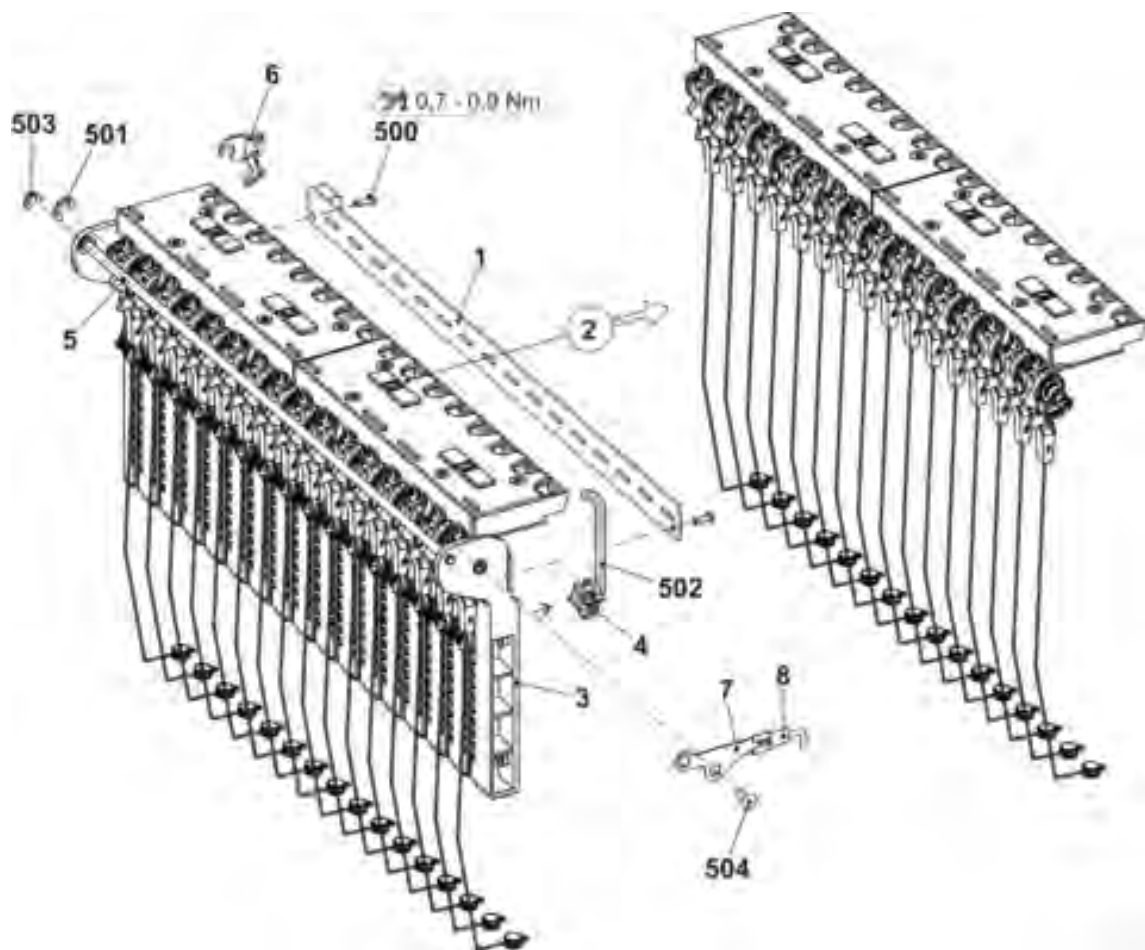
Pos	Designation	Id		Pos	Designation	Id
4	Yarn tensioner on the right complete E10-18	258 463		19	Deflector complete	257 287
9	Yarn brake complete	244 347		28	Ceramic eyelet	240 640
10	Clamping bow	244 409		508	Screw KB60 x 20	237 682
14	Stop bar on the right complete	258 562		509	U-washer 6	022 537



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

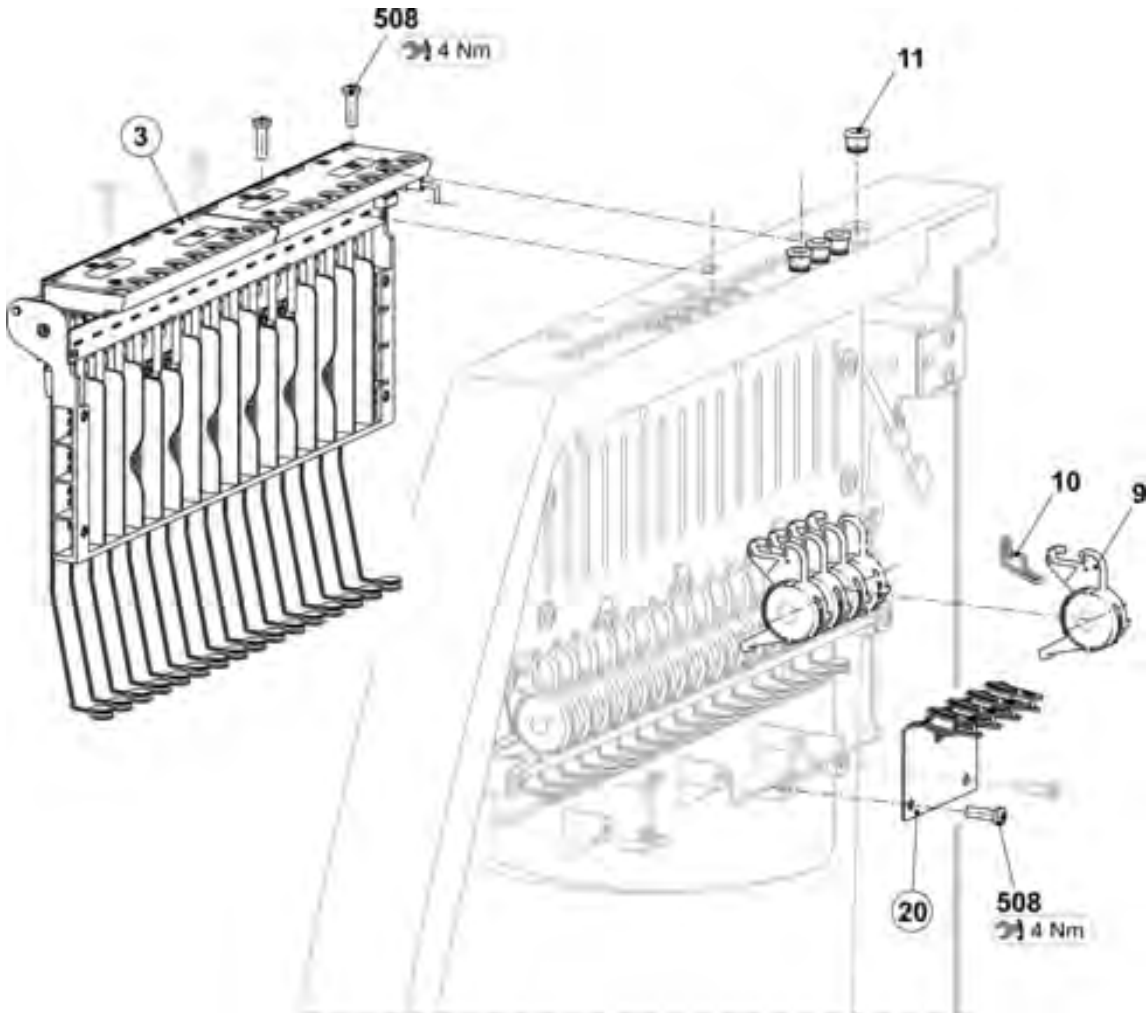
17.12.1 Yarn tensioner on the right E10
|E12|E14|E16|E18|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E10-18	258 463		7	Grounding plate of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensioner OKC	243 105
2	Tension axle complete E10-18	258 460		500	Screw KB 30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4.9x0.45x53	023 504
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x12	241 914



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

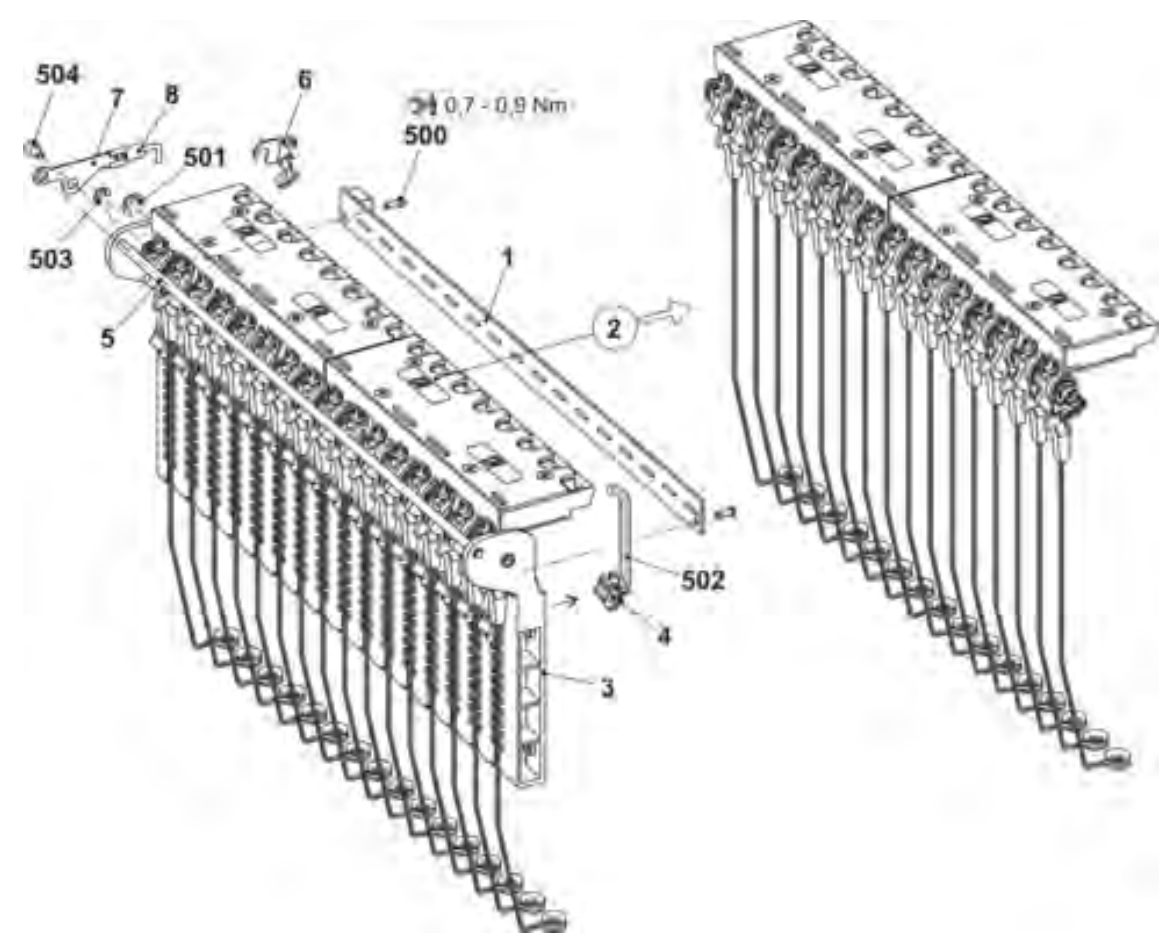
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the left complete E7-8	244 499		11	Ceramic eyelet	240 640
9	Yarn brake complete	244 347		20	Deflector on the left complete	223 316
10	Clamping bow	244 409		508	Screw KB60 x 20	237 682



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

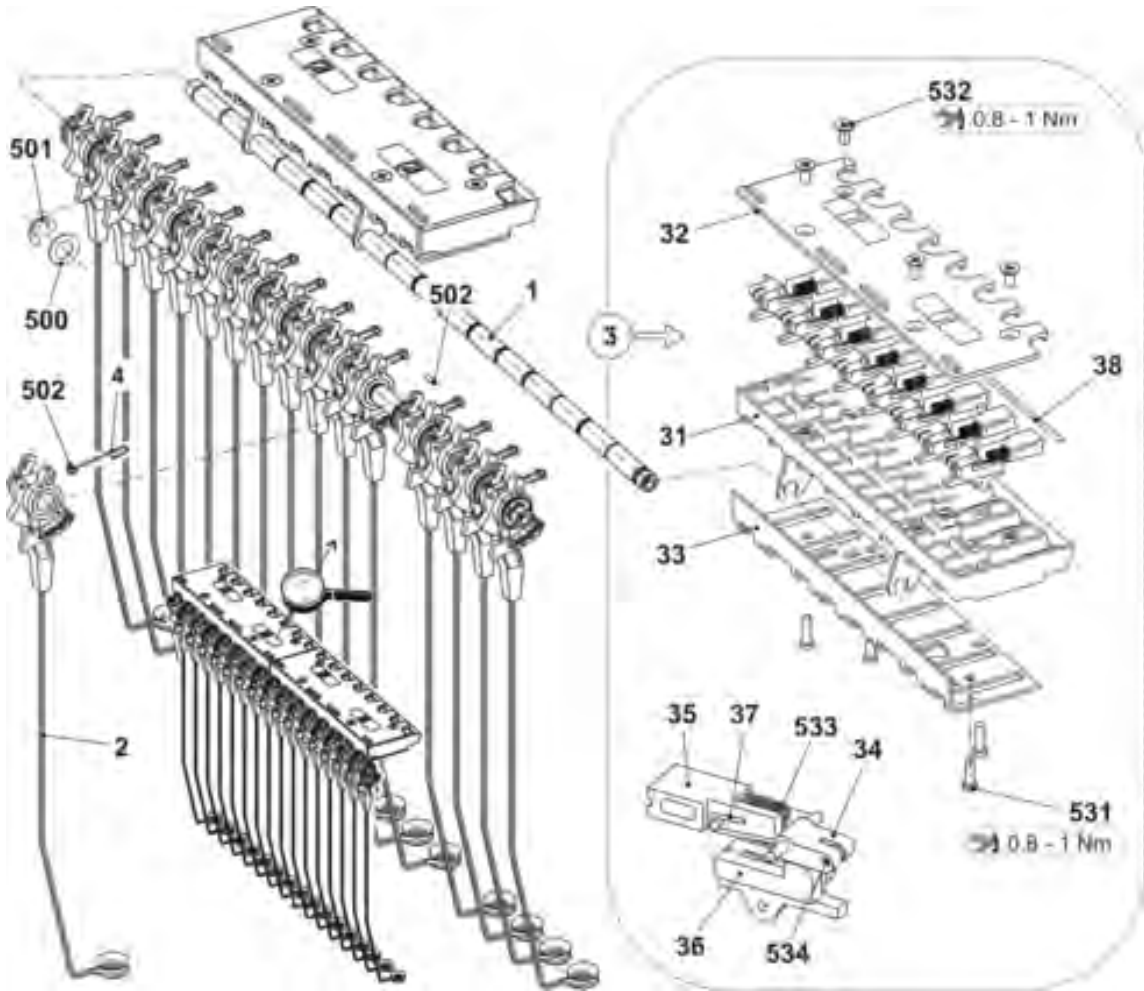
17.13.1 Yarn tensioner on the left E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the left complete E7-8	244 499		7	Grounding sheet metal of tension axle	243 121
1	Card yarn tensioner 16-fold on the left	241 345		8	Ground cable yarn tensioner	243 105
2	Tension axle complete E3-8	244 494		500	Cap screws M30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4.9x0.5x53	023 503
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.13.1.1 Tension axle E6.2

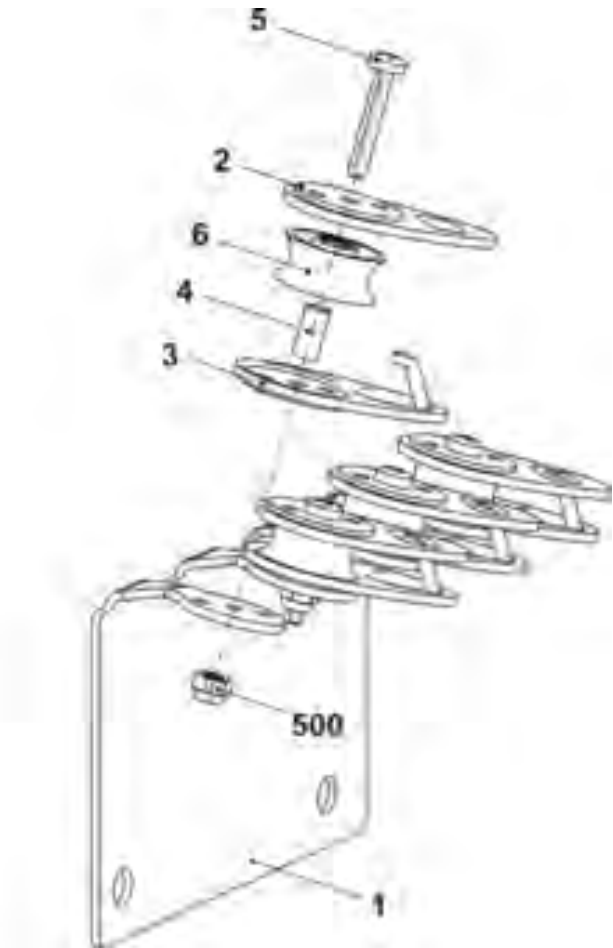
Pos	Designation	Id		Pos	Designation	Id
Σ	Tension axle complete E3-8 (E6.2)	244 494		3	Thread clamp AKF	238 695
1	Axle	244 522		31	Housing AKF	238 689
2	Tension arm pre-assembled E3 - E8	242 770		32	Cover AKF	237 926
4	Wire bow	238 694		33	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0.5	023 501		34	Lever AKF	238 692
501	Circlip	021 022		35	Pressure peace AKF	238 690
502	Grooved pin 2x6	243 172		36	Slider AKF	238 691
				37	Wire bow	238 694
				38	Wire	237 940
				531	Screw KB 35x12	237 681
				532	Screw KB 40x8	236 227
				533	Compression spring 0.30x4.50x18.50	241 437
				534	Grooved pin 2x6	243 172



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

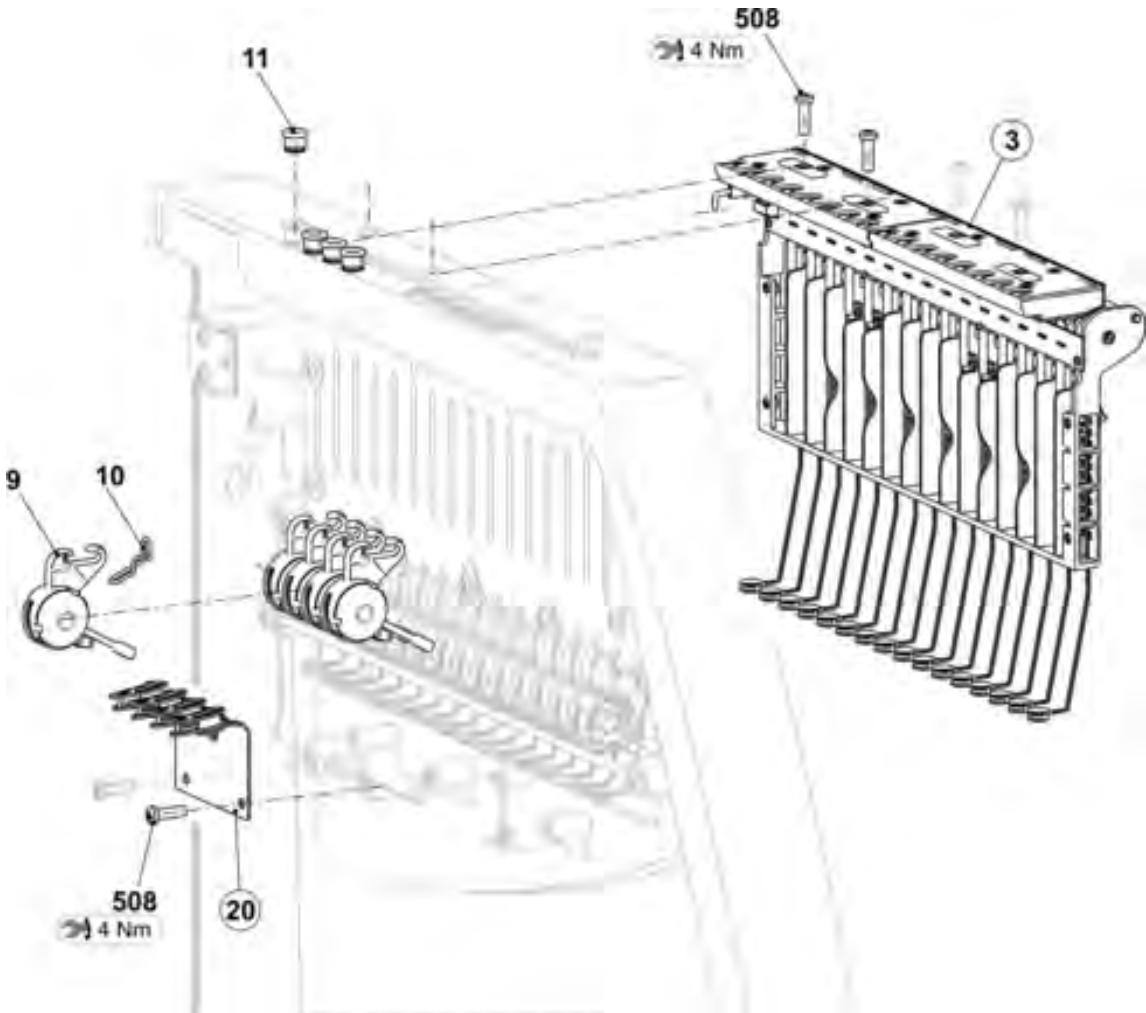
17.13.2 Deflector on the left

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



17.14 Parts for the right safety door E6.2

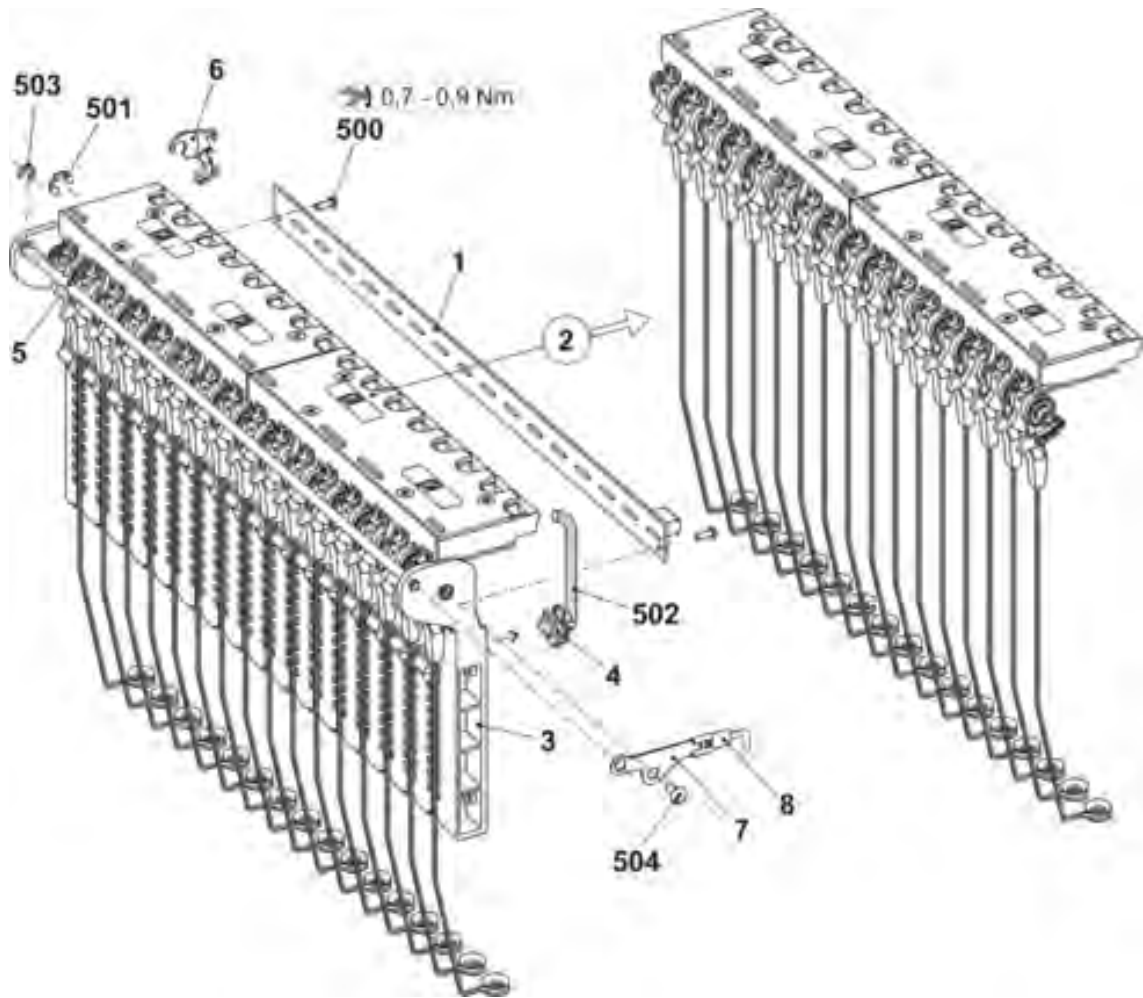
Pos	Designation	Id		Pos	Designation	Id
3	Yarn tensioner on the right complete E7-8	244 502		11	Ceramic eyelet	240 640
10	Clamping bow	244 409		20	Deflector on the right complete	223 049
9	Yarn brake complete	244 347		508	Screw KB60 x 20	237 682



17.14 Parts for the right safety door E6.2

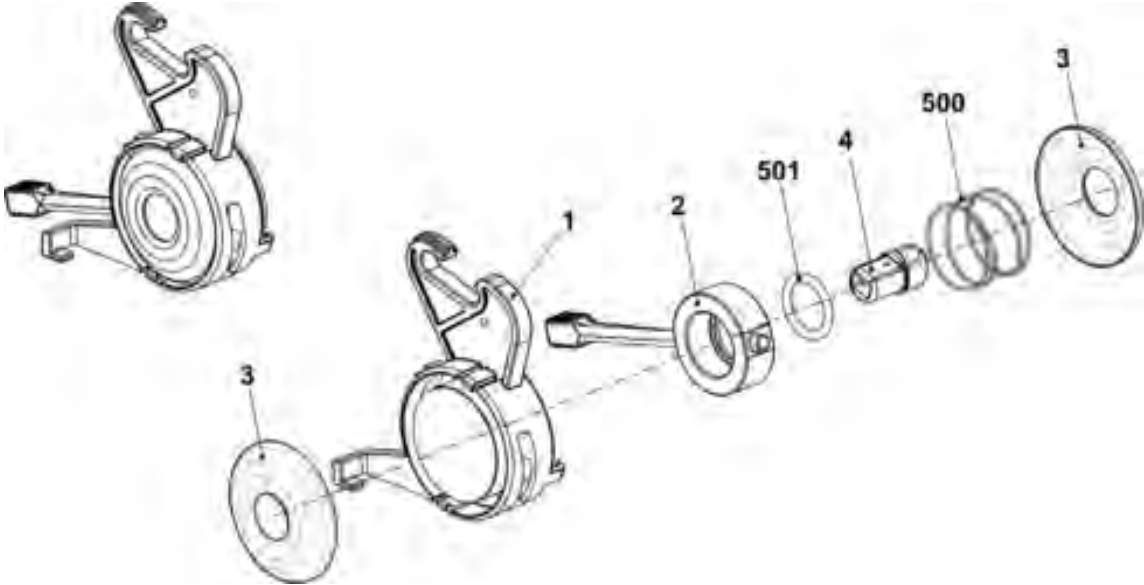
17.14.1 Yarn tensioner on the right E6.2

Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn tensioner on the right complete	244 502		7	Grounding sheet metal of tension axle	243 121
1	Card yarn tensioner 16-fold on the right	241 346		8	Ground cable yarn tensioner	243 105
2	Tension axle complete E7-8	244 494		500	Cap screws M30x8	236 228
3	Housing	241 367		501	Circlip	021 022
4	Slider	241 694		502	Tension spring 4.9x0.5x53	023 503
5	Stop point	241 368		503	Circlip	021 020
6	Spacer	242 048		504	Countersunk screw M4x10	241 914



17.14.2 Yarn brake

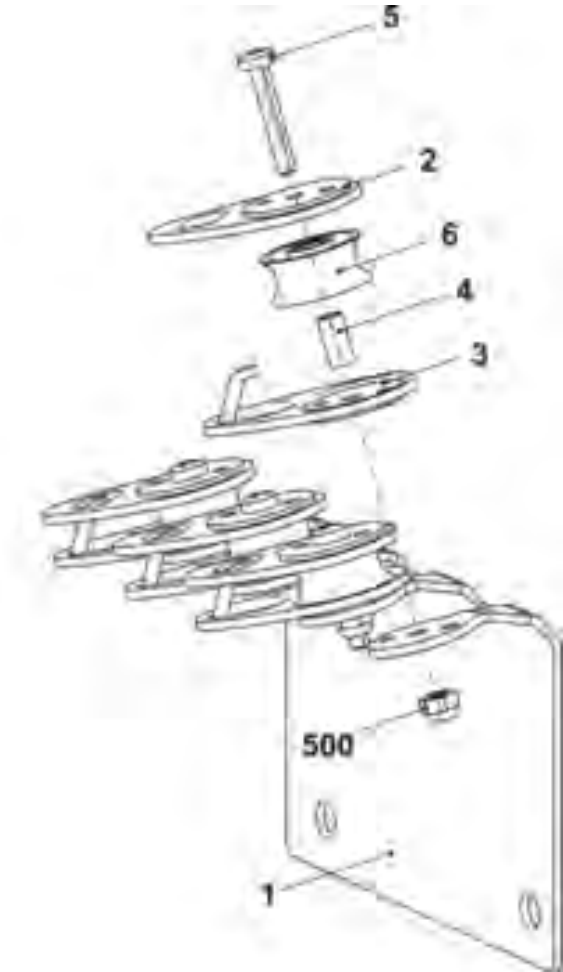
Pos	Designation	Id		Pos	Designation	Id
Σ	Yarn brake complete	244 347				
1	Support	240 607		4	Ceramic eyelet open	243 778
2	Slider	240 606		500	Compression spring 0.65x20.15x14.80	241 361
3	Brake disk	244 355		501	O-ring 11x2	241 434



17.14 Parts for the right safety door E6.2

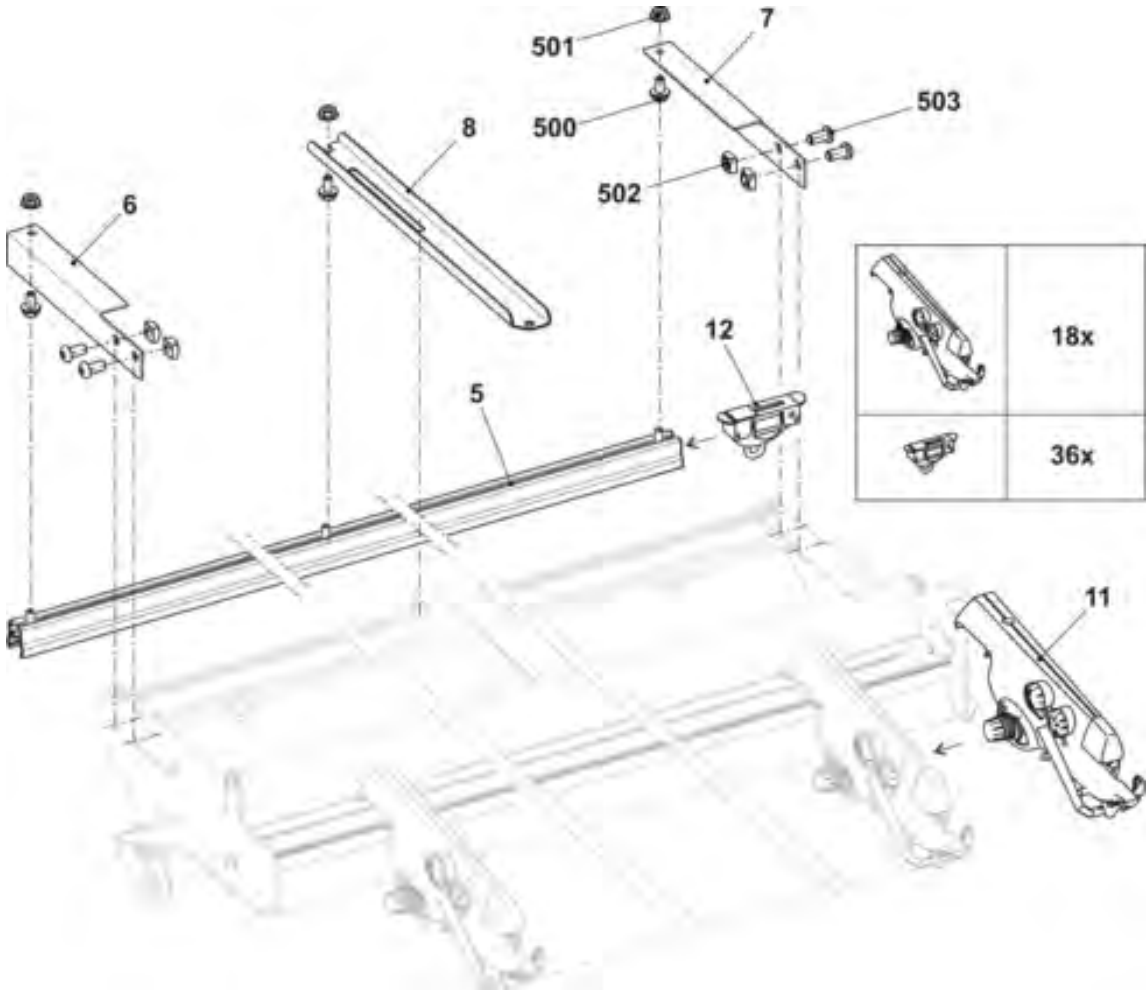
17.14.3 Deflector on the right

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



17.15 Parts for the yarn guide system with 18 FKE

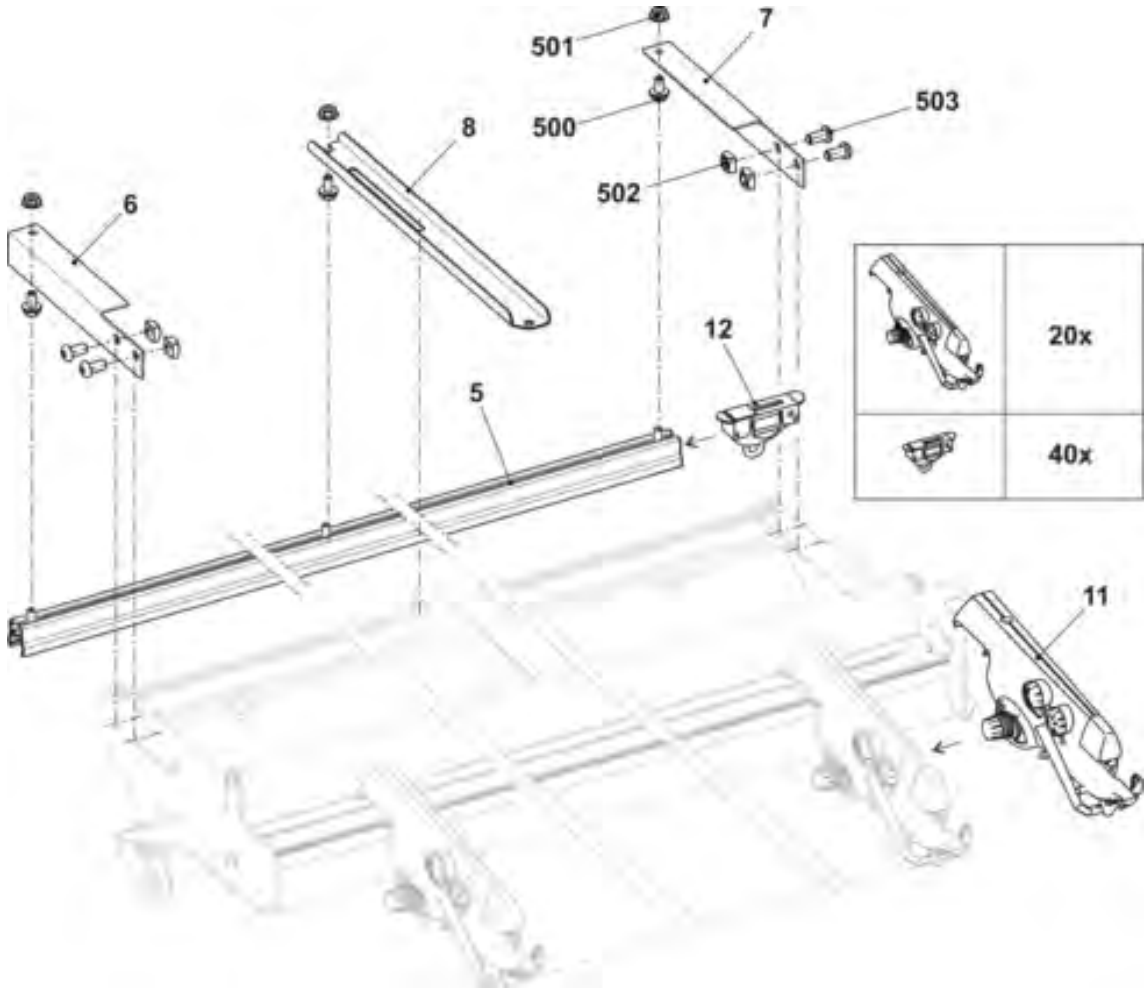
Pos	Designation	Id		Pos	Designation	Id
Σ	Parts of the yarn guide system with 18 FKE E10 E12 E14 E16 E18					
5	Yarn guide bar	240 324		12	Yarn guide bracket complete	241 581
6	Support on the left	243 602		500	Self-locking screw M6x12	023 415
7	Support on the right	243 603		501	Ribbed lock washer M6-10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



17.16 Parts for the yarn guide system with 20 FKE

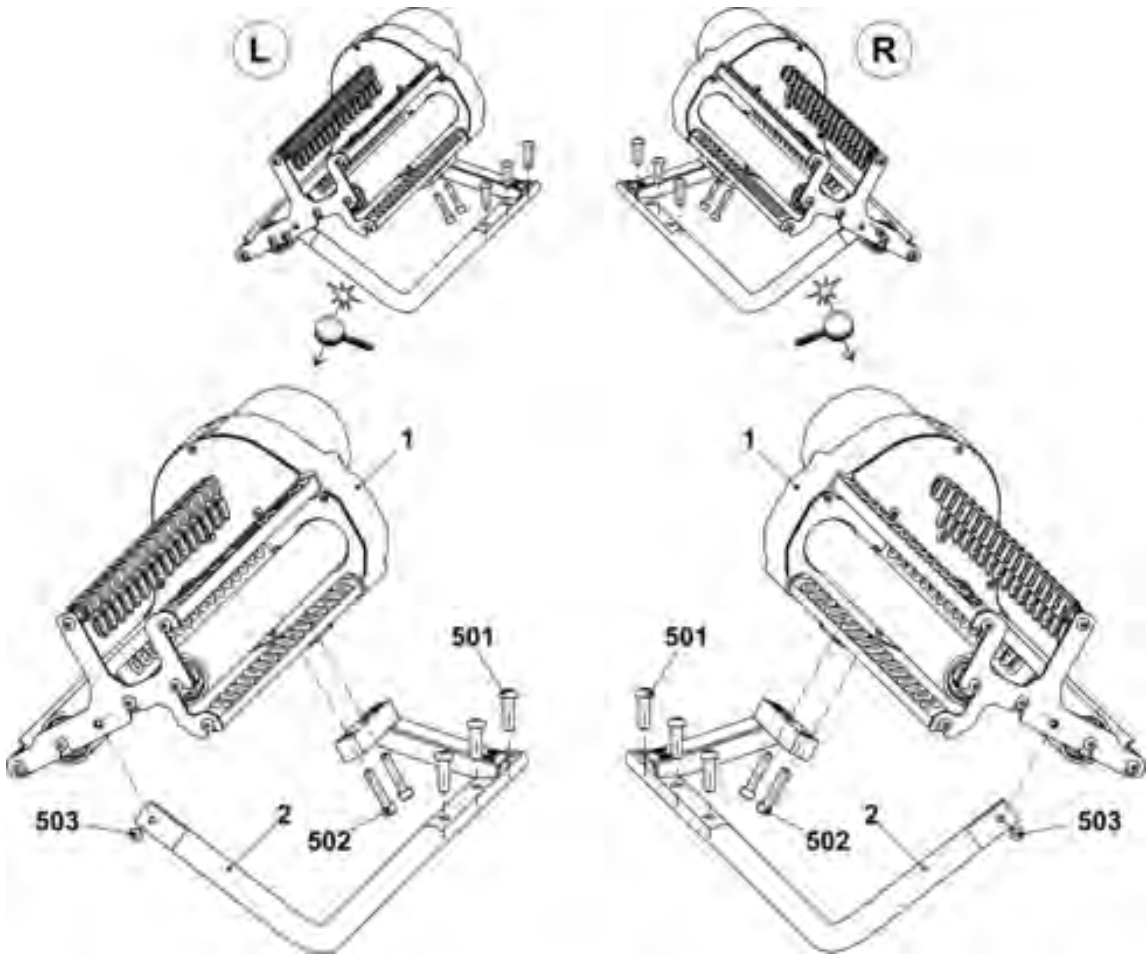
17.16 Parts for the yarn guide system with 20 FKE

Pos	Designation	Id		Pos	Designation	Id
Σ	Parts of the yarn guide system with 20 FKE E6.2 E7.2 E8.2 E6.2(12m.10)					
5	Yarn guide bar	240 324		12	Yarn guide bracket complete	241 581
6	Support on the left	243 602		500	Self-locking screw M6x12	023 415
7	Support on the right	243 603		501	Ribbed lock washer M6-10	023 414
8	Support	239 295		502	Square nut M8	023 269
11	Yarn control device	237 124		503	Countersunk screw M8x16	023 113



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

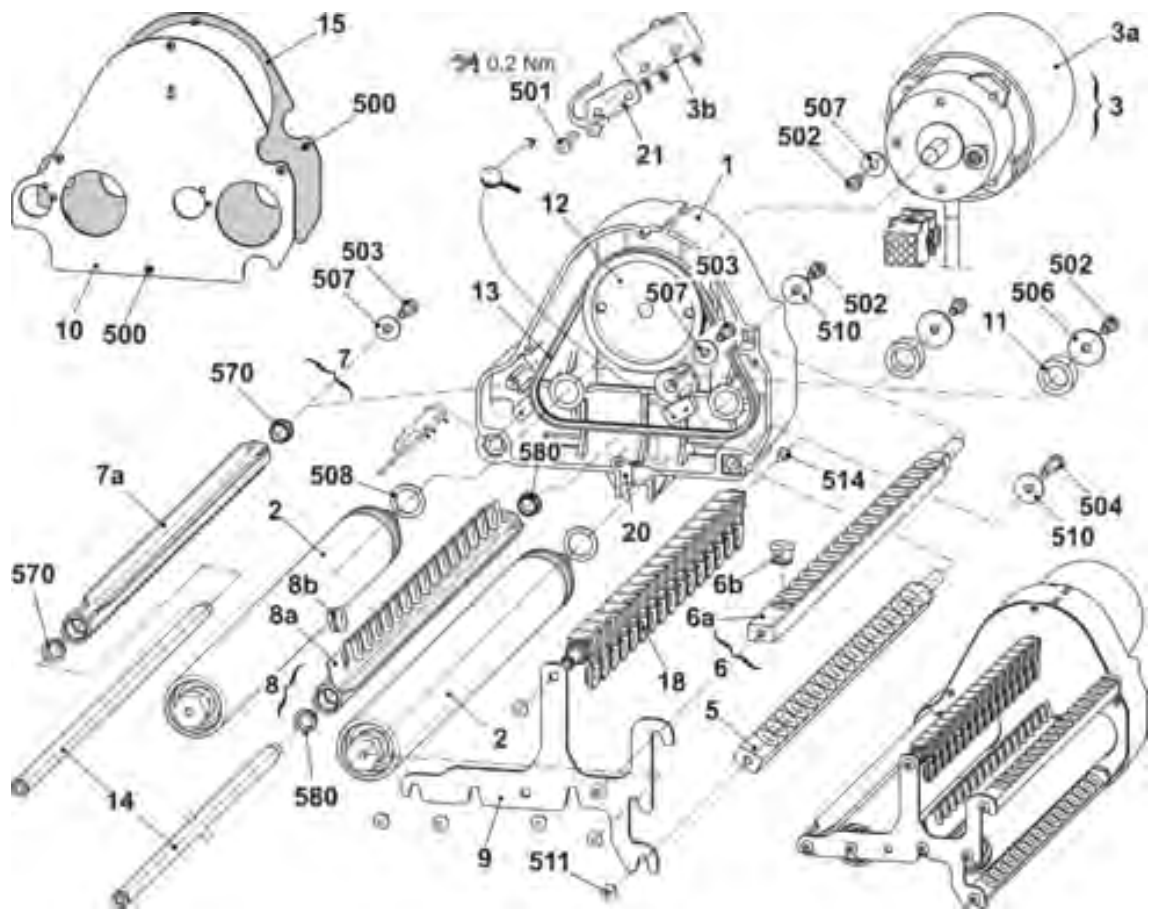
Pos	Designation	ID		Pos	Designation	ID
ΣL	Friction feed wheel on the left co. 16-fold	244 991		ΣR	Friction feed wheel on the right co. 16-fold	244 992
1	Friction feed wheel on the left	244 185		1	Friction feed wheel on the right	244 186
2	Support on the left	243 869		2	Support on the right	244 142
501	Countersunk screw M8x25	023 027		501	Countersunk screw M8x25	023 027
502	Cap screw M6x16	020 135		502	Cap screw M6x16	020 135
503	Countersunk screw M5x8	239 408		503	Countersunk screw M5x8	239 408



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

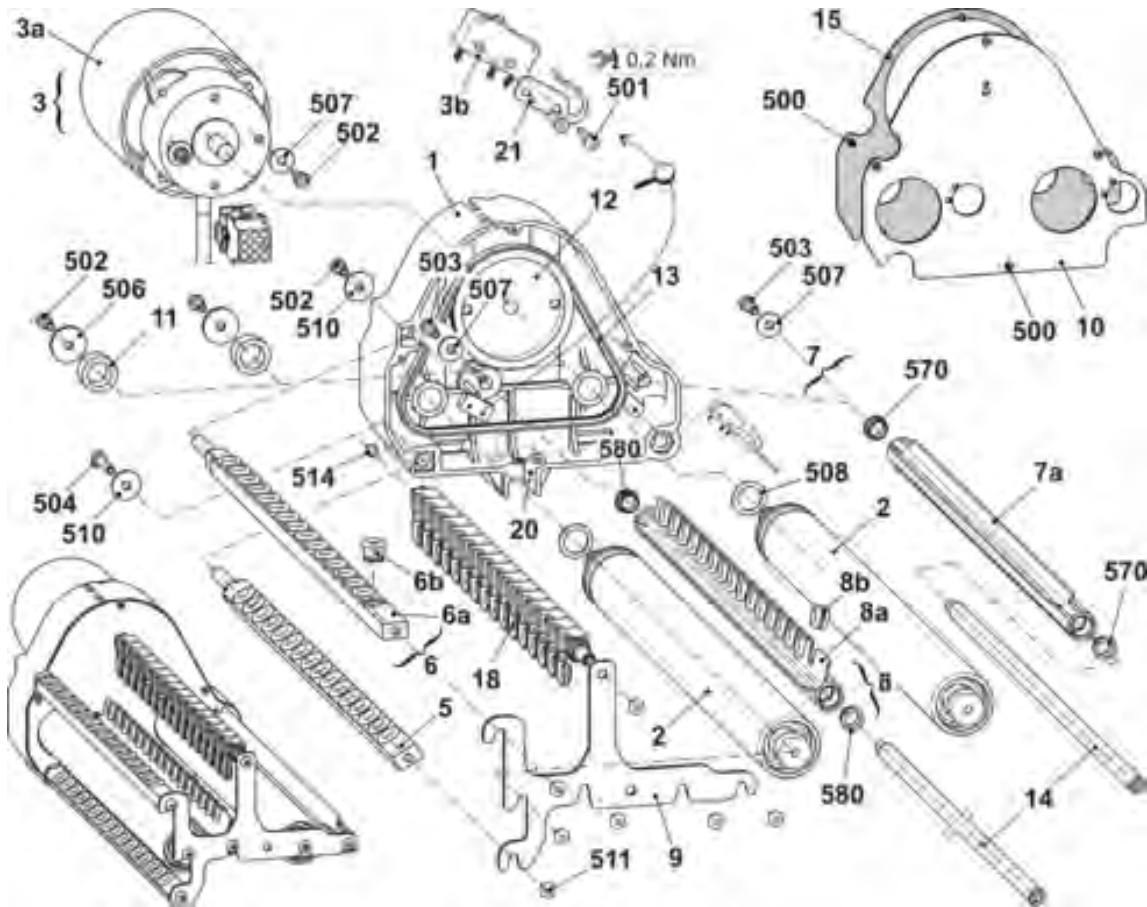
17.17.1 Friction feed wheel on the left

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



17.17.2 Friction feed wheel on the right

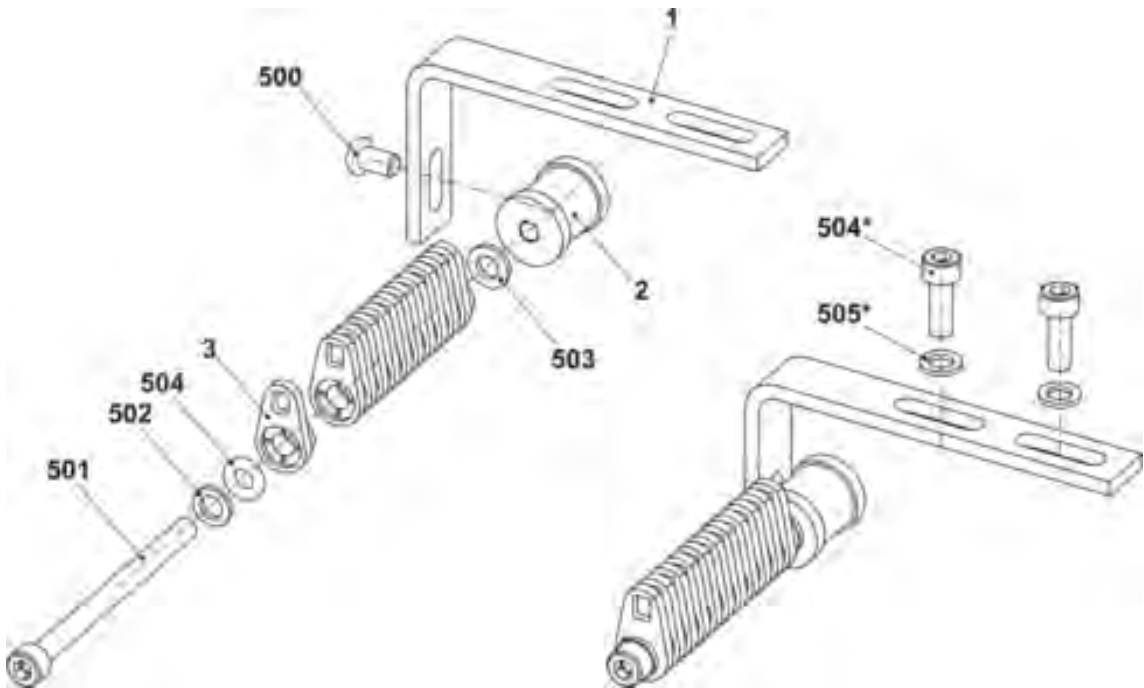
Pos	Designation		Id		Pos	Designation		Id
Σ	Friction feed wheel 16 fold on the right complete		244 186		11	Bush		221 391
1	Housing		240 368		12	Ribbed V-belt pulley		221 268
2	Friction roller complete		243 860		13	Ribbed V-belt		206 927
3	Three-phase A.C. motor 3x42V complete		219 800		14	Rod		243 868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



17.18 Thread deflector on the left

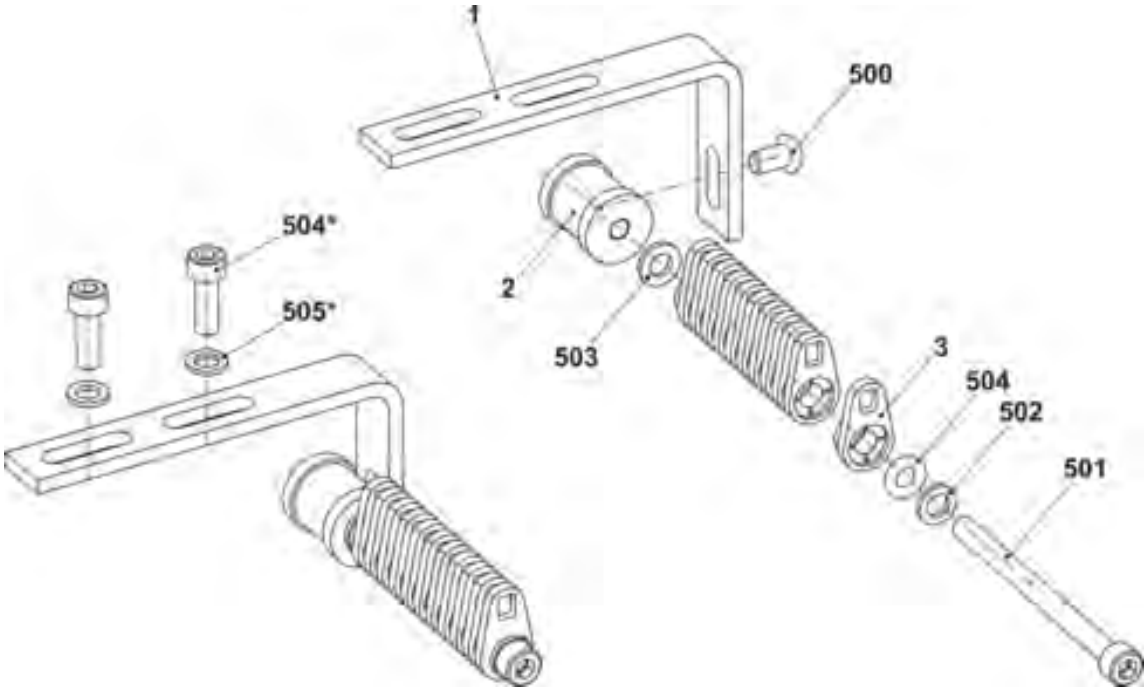
17.18 Thread deflector on the left

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



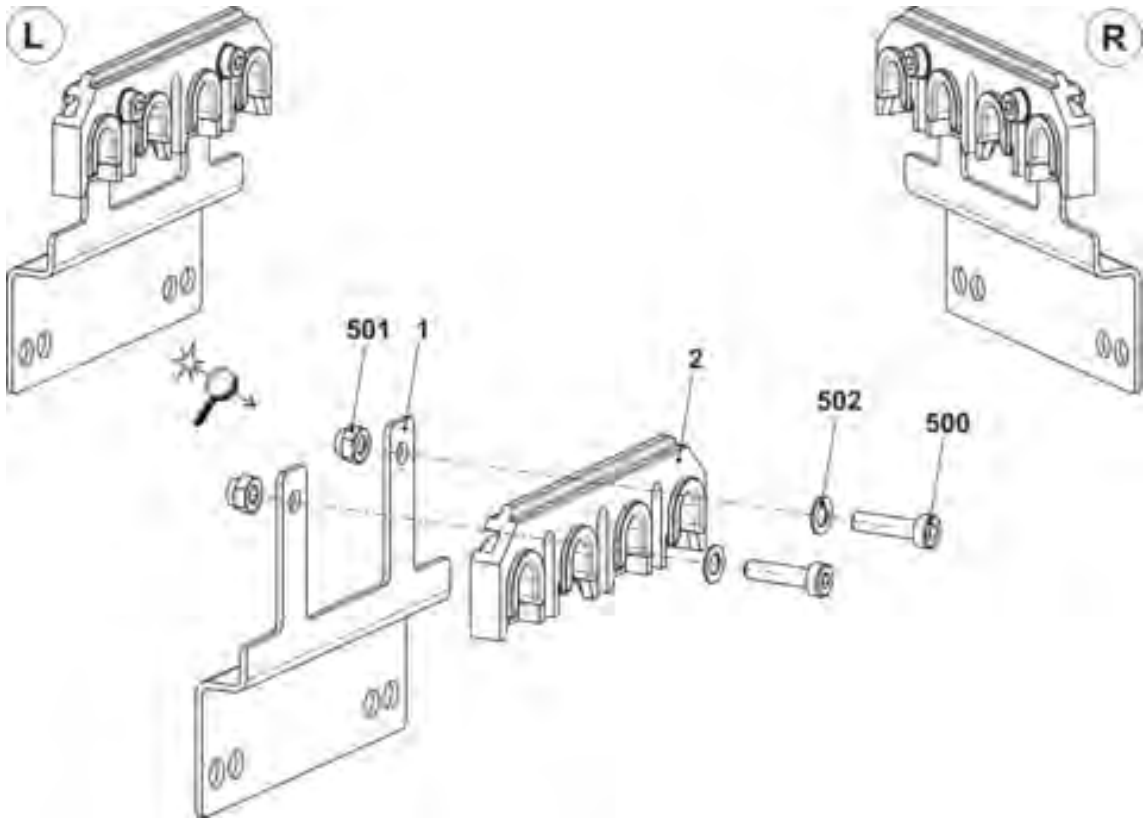
17.19 Yarn deflector on the right

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



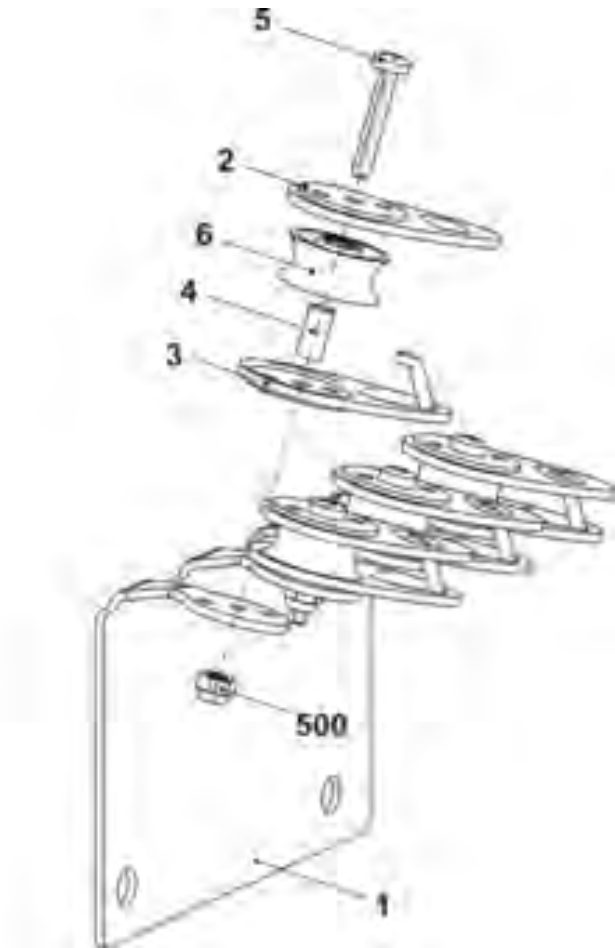
17.20 Deflector

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



17.21 Deflector on the left

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



17.22 Deflector on the right

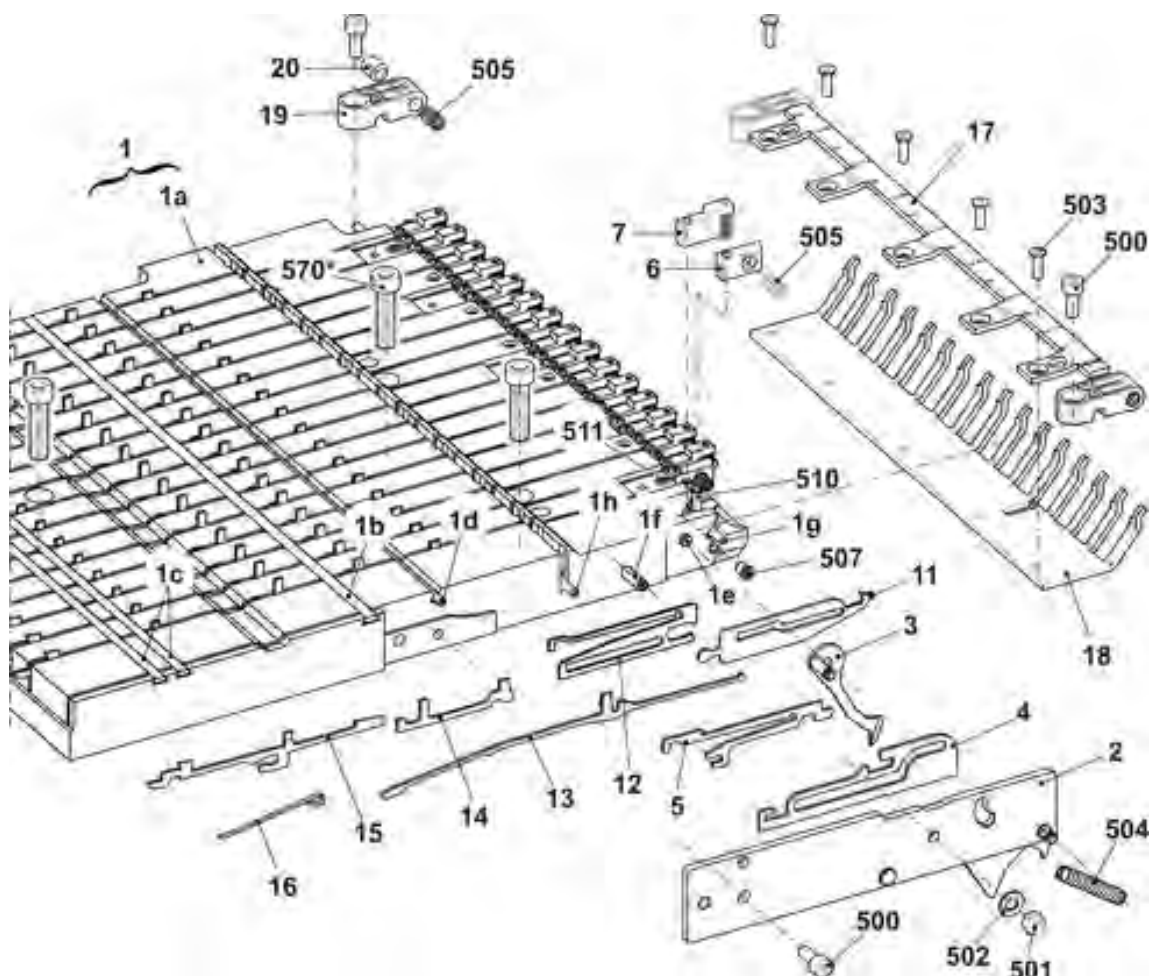
17.22 Deflector on the right

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



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

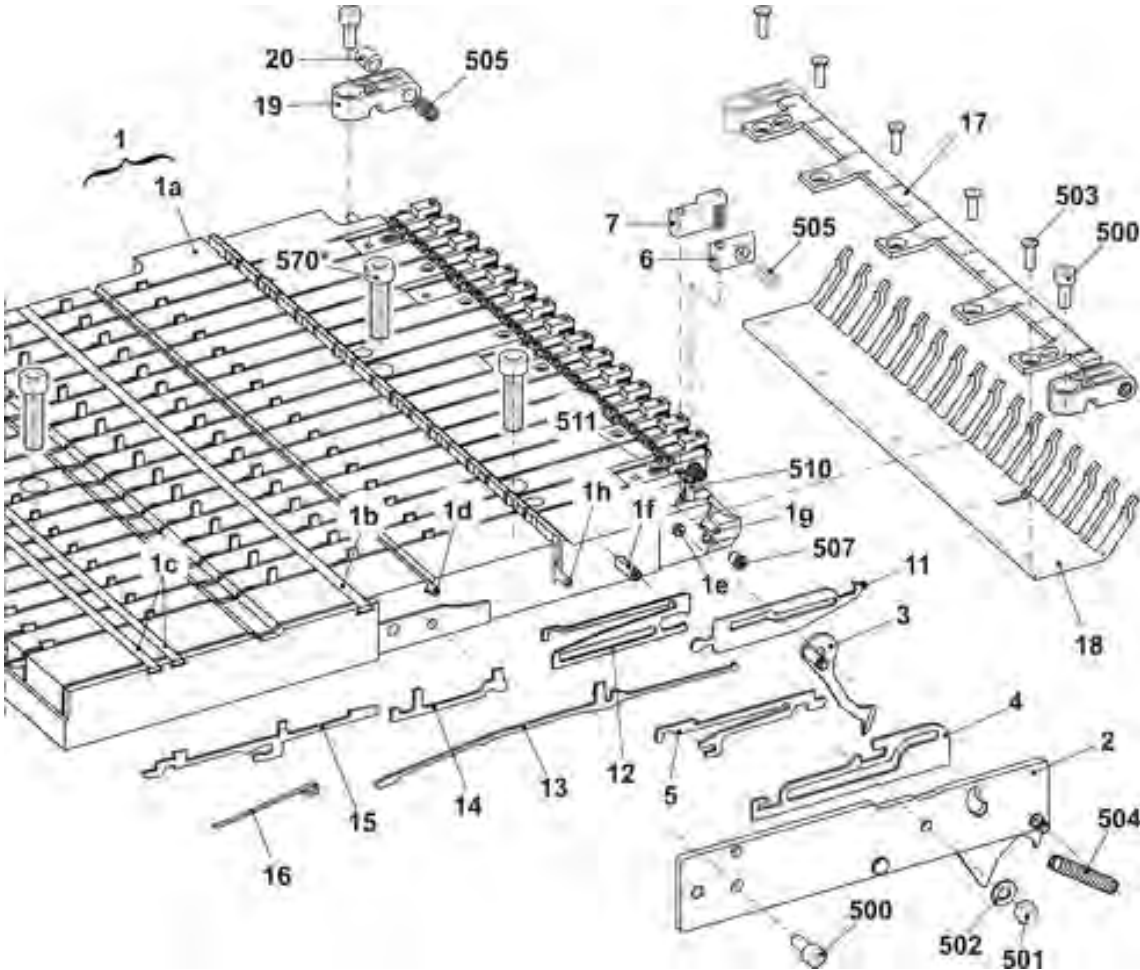
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed on the left E10-14	253 682	11	Tuck needle on the left E10-14	244 630
1	Guide plate on the left E5-14	257 236	12	Intermediate cam E10-14	244 591
1a	Guide plate on the left E10-14	257 232	13	Coupling part E5-8	253 381
1b	Cover rail	243 923	14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



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

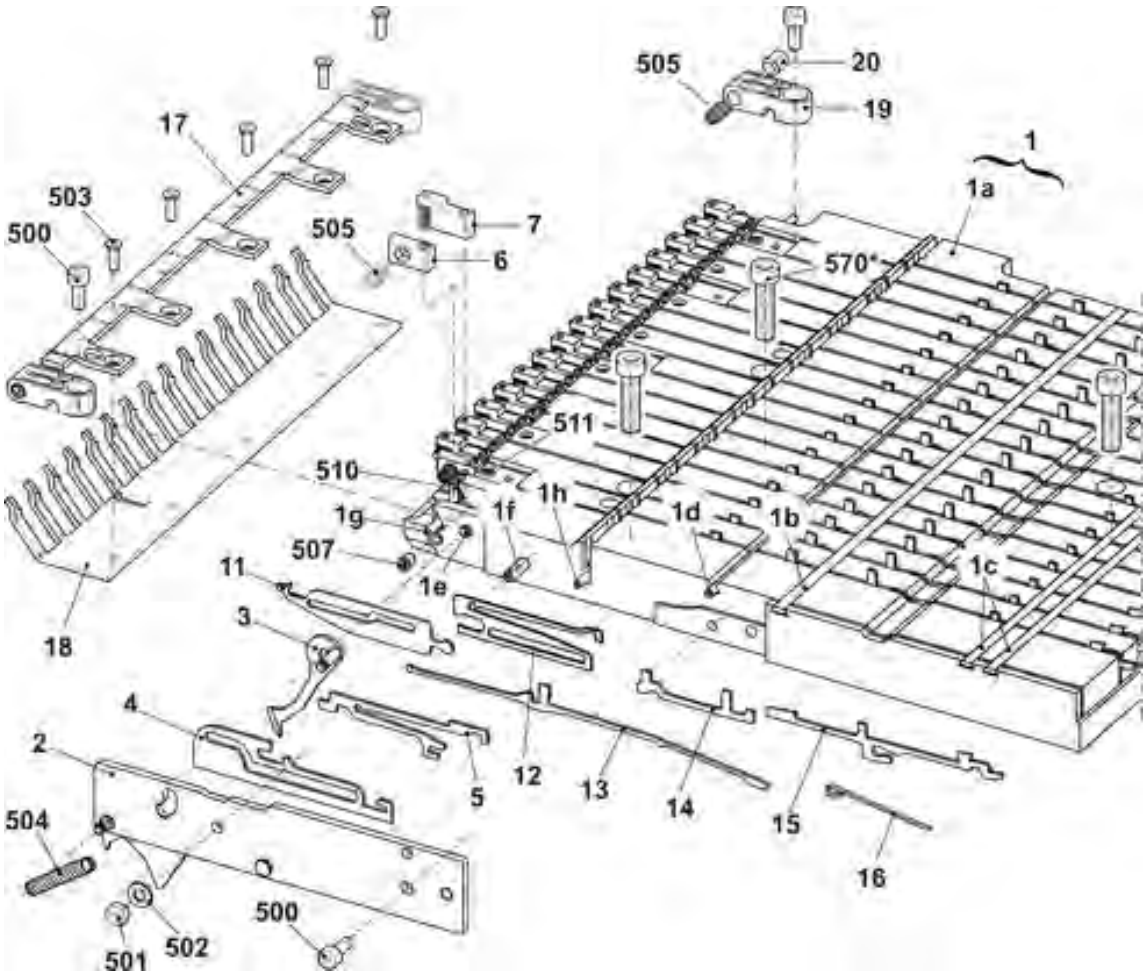
17.24 Left clamping/cutting bed E16|E18|E8.2

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



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

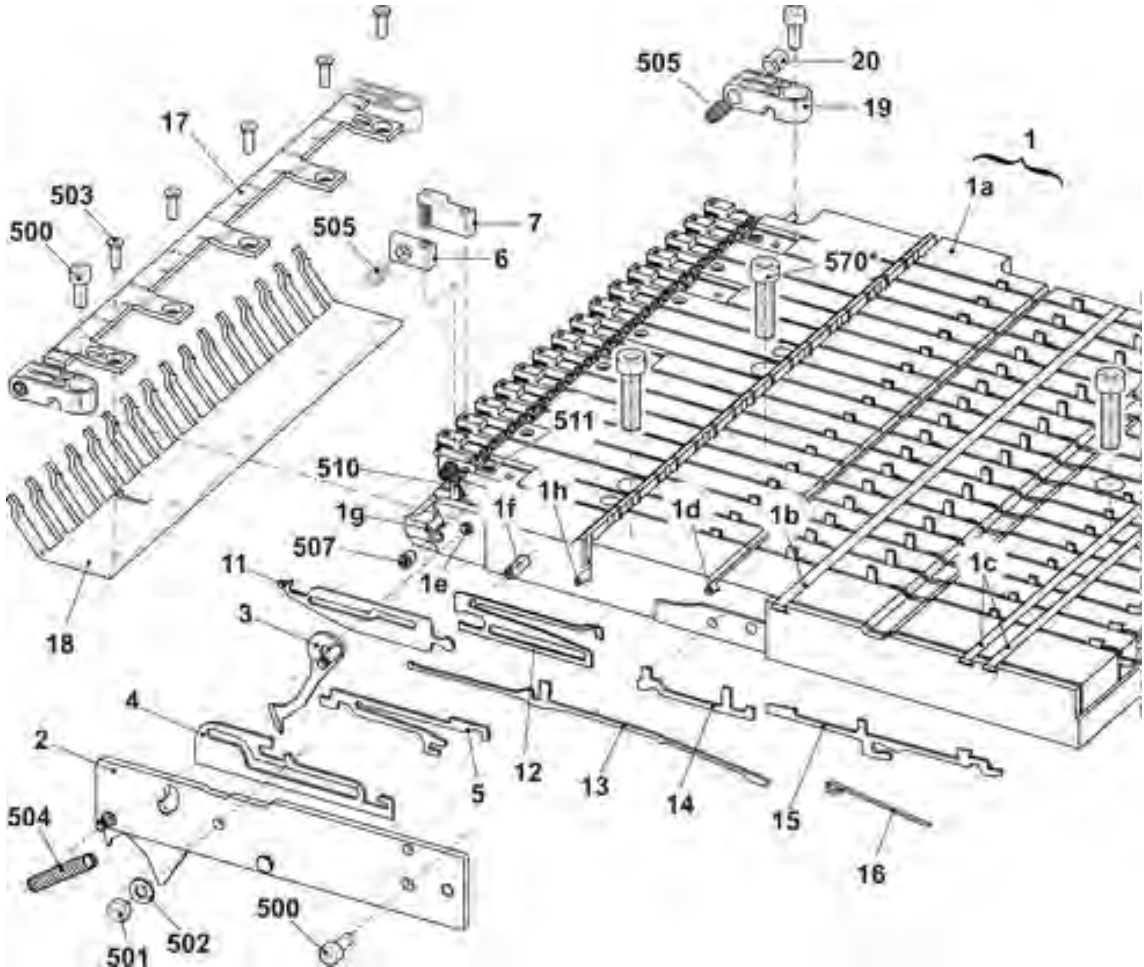
Pos	Designation	Id	Pos	Designation	Id
Σ	Clamping/cutting bed E10-14 on the right	253 681	11	Tuck needle on the right E10-14	244 592
1	Guide plate on the right E5-14	257 235	12	Intermediate cam E10-14	244 591
1a	Guide plate on the right E5-14	257 231	13	Coupling part E5-8	253 381
1b	Cover rail	243 923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



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

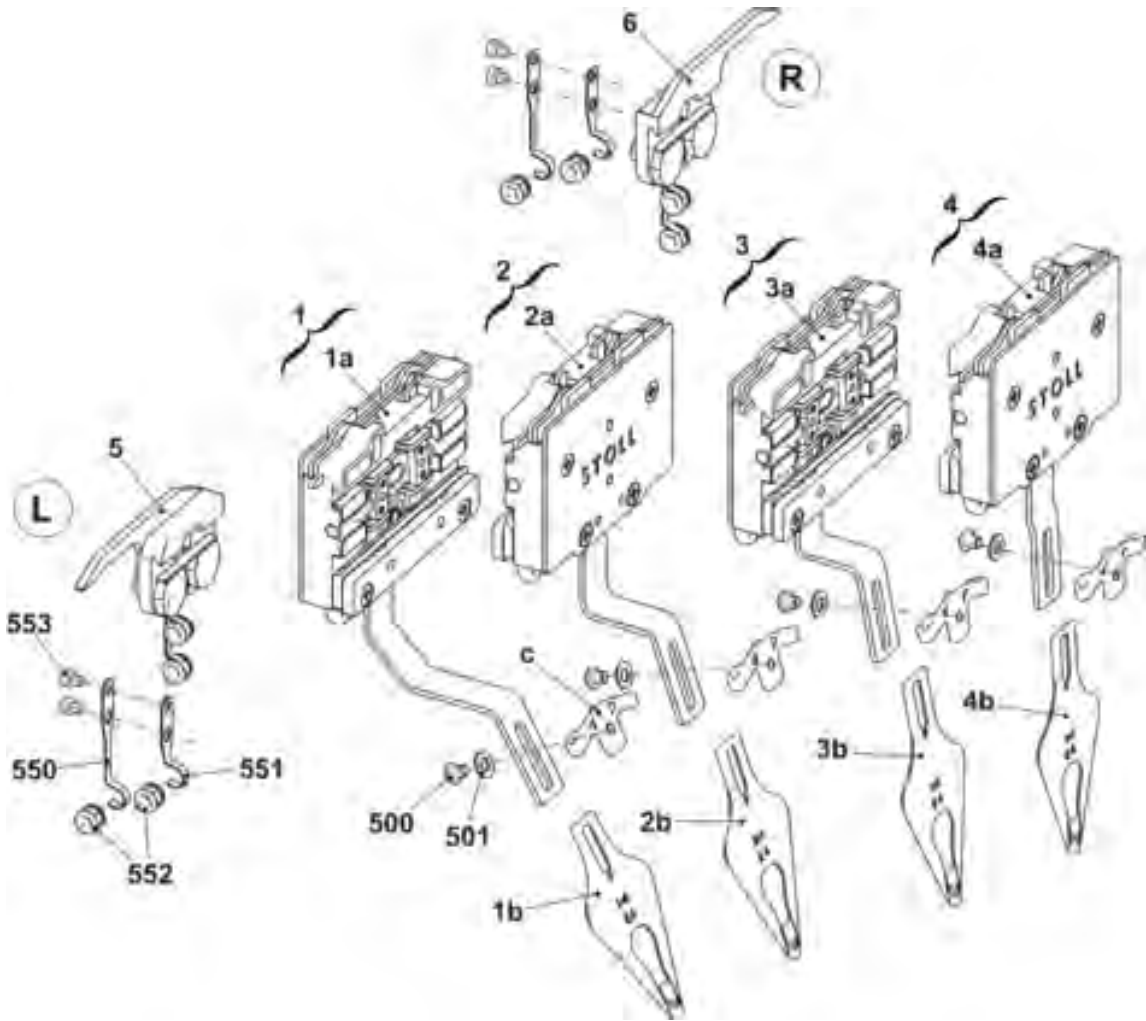
17.26 Right clamping/cutting bed E16|E18|E8.2

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



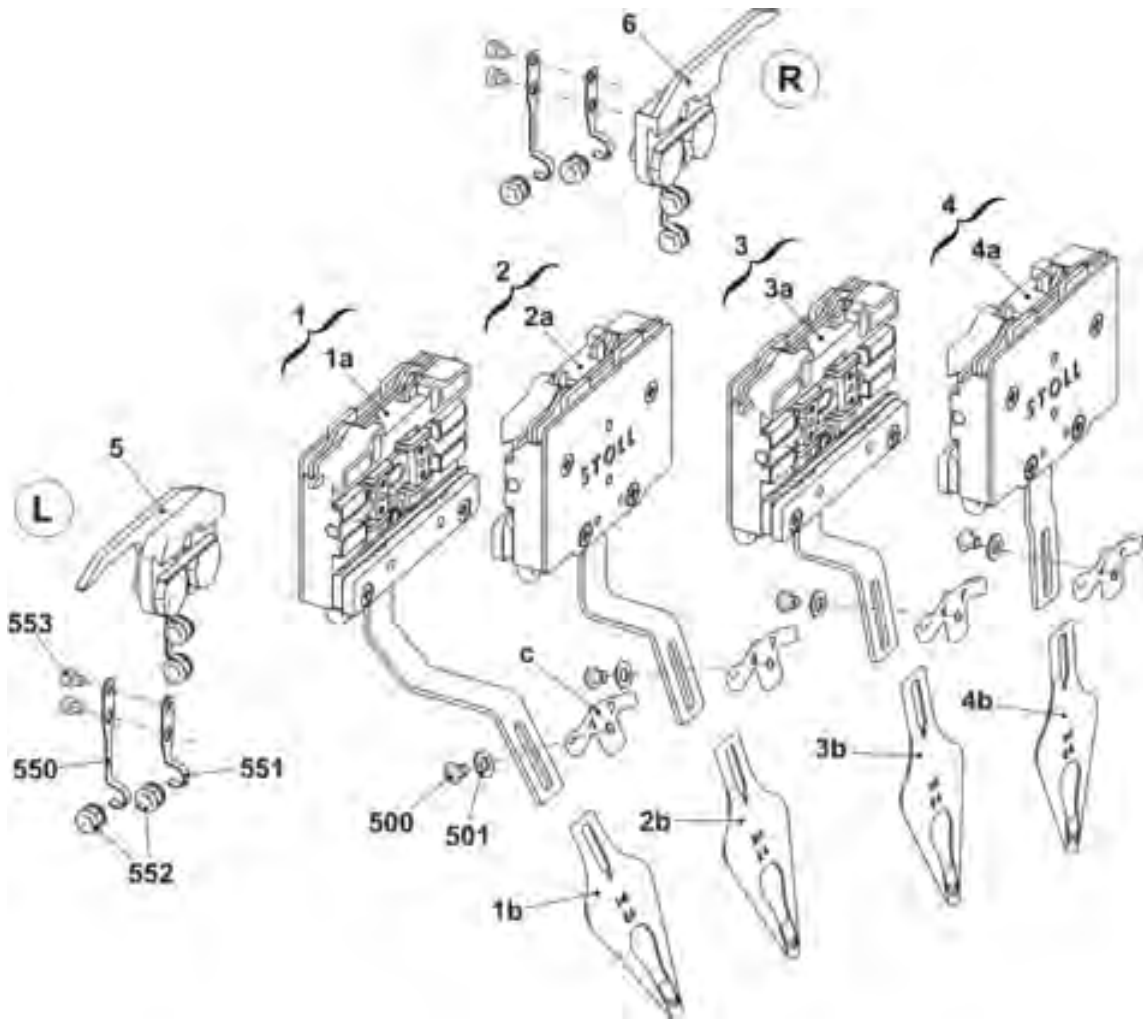
17.27 Yarn guide complete (24 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E10-14 IFF 24	256 936			
1	IFF carriage complete 1+8 E10-14 (6 pieces)	250 327	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E10-14	250 008		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E10-14 (6 pieces)	250 328		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E10-14	250 009	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E10-14 (6 pieces)	250 329	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E10-14	250 010	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E10-14 (6 pieces)	250 330			
	4a IFF carriage E10-14	250 318			
	4b Yarn carrier head 3-6 complete E10-14	250 010			



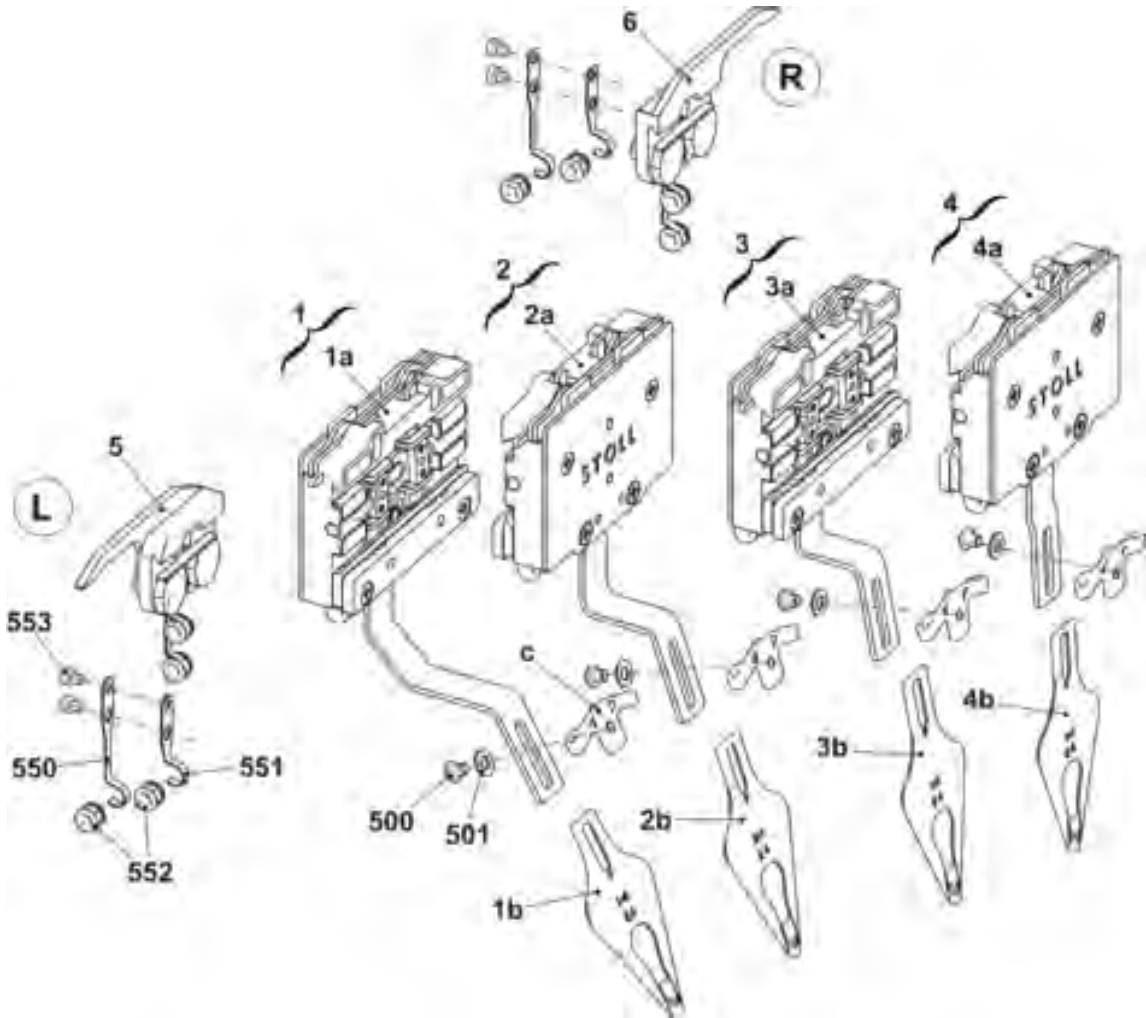
17.28 Yarn guide complete (24 IFF) E16|E18

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E16-18 IFF 24	256 937			
1	IFF carriage complete 1+8 E16-18 (6 pieces)	250 331	5	Limiter on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E16-18	250 011		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E16-18 (6 pieces)	250 332		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E16-18	250 012	6	Limiter on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E16-18 (6 pieces)	250 333	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E16-18	250 013	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E16-18 (6 pieces)	250 334			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E16-18	250 013			



17.29 Yarn guide complete (24 IFF) E6.2

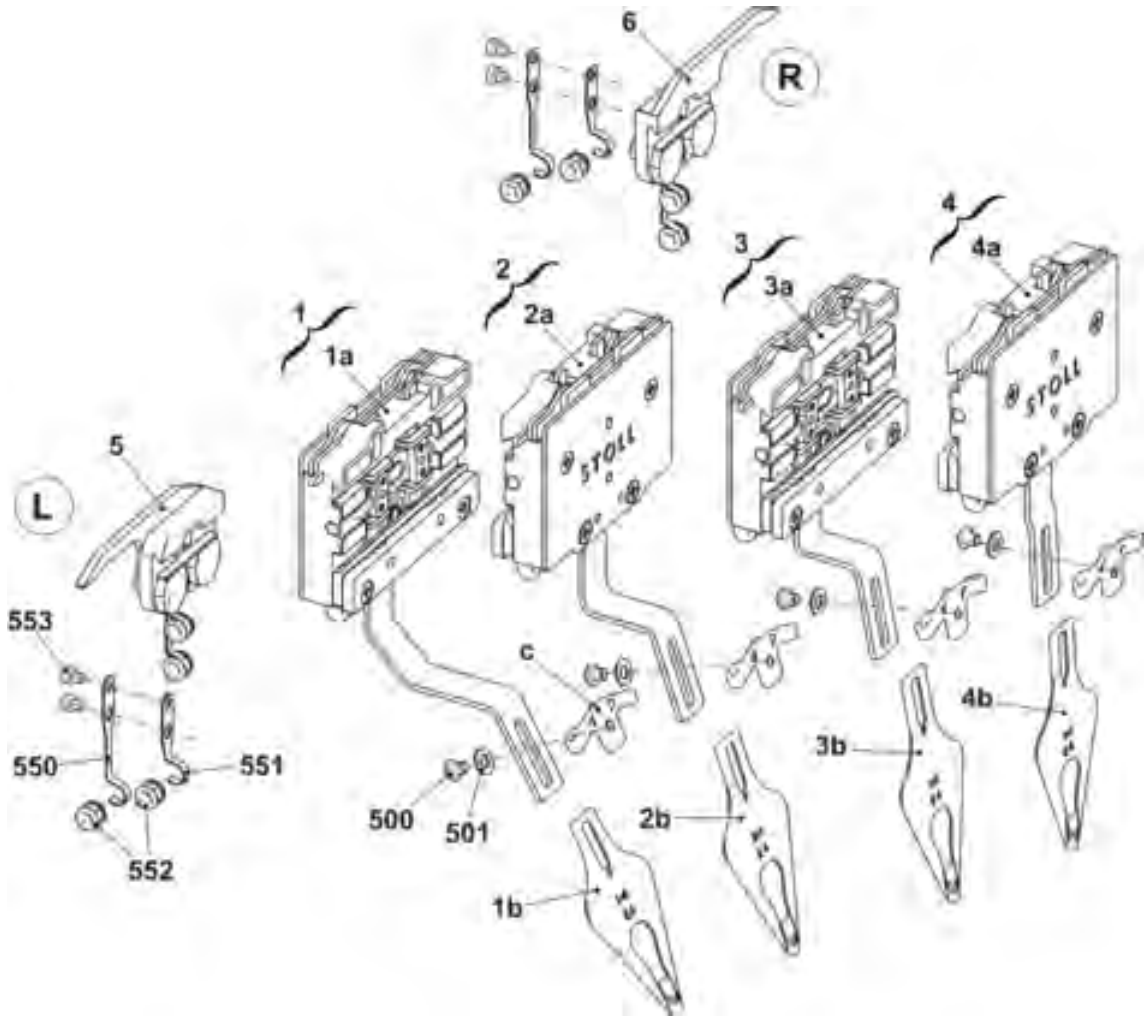
Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF 24	256 935			
1	IFF carriage complete 1+8 E7-8 (6 pieces)	250 323	5	Limiters on the left with two eyelets (6 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8 (6 pieces)	250 324		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiters on the right with two eyelets (6 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (6 pieces)	250 325	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E7-8 (6 pieces)	250 326			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E7-8	244 084			



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

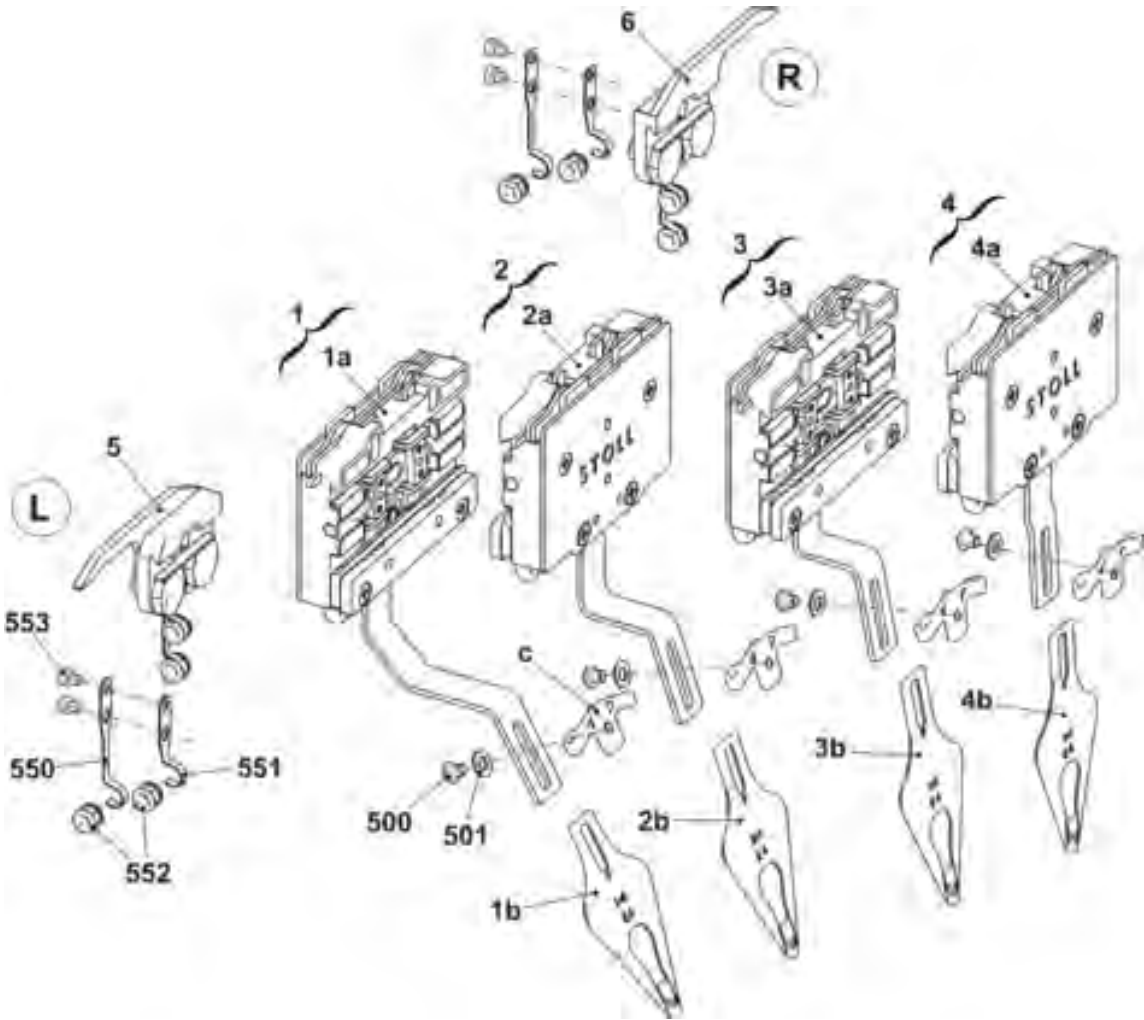
17.30 Yarn guide complete (32 IFF)
E10|E12|E14|E7.2|E8.2|E6.2(12m.10)

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



17.31 Yarn guide complete (32 IFF) E16|E18

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



17.32 Yarn guide complete (32 IFF) E6.2

Pos	Designation	Id	Pos	Designation	Id
Σ	Yarn guide complete E7-8 IFF	245 162			
1	IFF carriage complete 1+8 E7-8 (8 pieces)	250 323	5	Limiter on the left with two eyelets (8 pieces)	244 446
	1a IFF carriage 1+8	250 315		550 Eyelet holder complete	022 324
	1b Yarn carrier head 1+8 complete E7-8	244 082		551 Eyelet holder complete	022 323
2	IFF carriage complete 2+7 E7-8 (8 pieces)	250 324		552 Eyelet 4.2	021 499
	2a IFF carriage 2+7	250 316		553 Cap screw M3.5x4	020 011
	2b Yarn carrier head 2+7 complete E7-8	244 083	6	Limiter on the right with two eyelets (8 pieces)	244 445
3	IFF carriage complete 3+6 E7-8 (8 pieces)	250 325	c	Yarn guide angle	242 863
	3a IFF carriage 3+6	250 317	500	Pan-head screw M4x5	239 549
	3b Yarn carrier head 3-6 complete E7-8	244 084	501	U-washer 4	020 870
4	IFF carriage complete 4+5 E7-8 (8 pieces)	250 326			
	4a IFF carriage 4+5	250 318			
	4b Yarn carrier head 3-6 complete E7-8	244 084			

