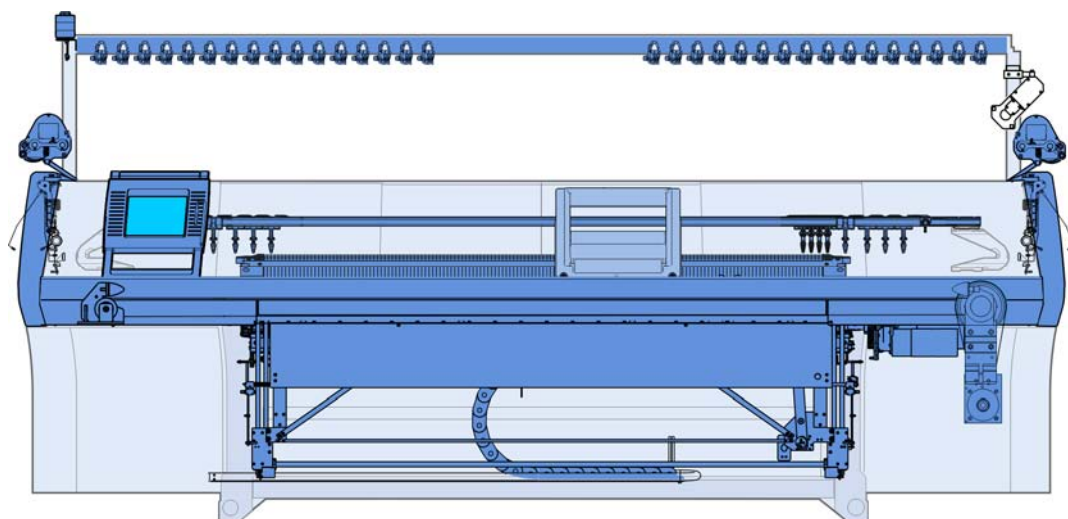


Spare Parts Catalog

CMS 830 C (Type 573)

Component Type 003



Document No. 243959_03_GB

Issue 11/2008

Impressum

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H. Stoll GmbH & Co.KG

Stollweg 1

D-72760 Reutlingen, Germany

Phone: +49 (07121) 313-289

Fax: +49 (07121) 313-347

e-mail: spareparts@stoll.com

Introduction

Notes for the order

This catalog serves to order spare parts.

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

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

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

Please use the order form!

Use original spare parts from Stoll for repairing only.

Order form

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

H. Stoll GmbH & Co. KG
 PO box 2544

D-72715 Reutlingen

Order number

Receipt date

Company

Name

Street

Postal code town

Phone

Fax

Customer no.

Shipping mode

Date of order

Maschine type

Gauge

Masch.-Nr.

Sirix-Nr.

Spare parts order

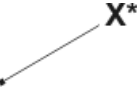
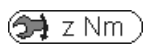
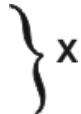
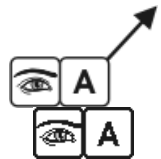
Page no.	Designation	Ident no.	Piece no.	Comment

Date

Signature

Search help

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

Symbol	Meaning
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 side or view.
	Indicates the right side or view.
	Indicates a section or a view in the viewing direction.

Torques

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

Preferential row of screw torques

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

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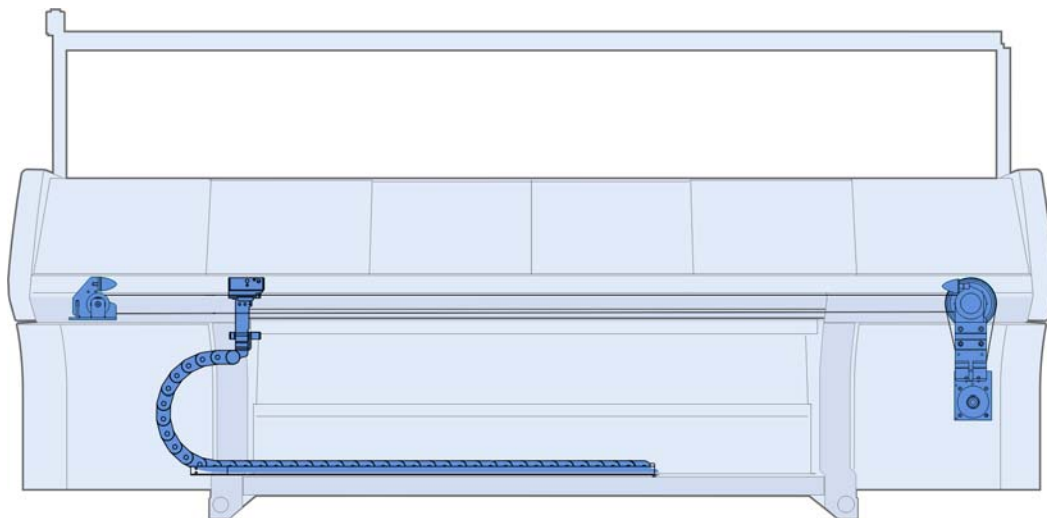
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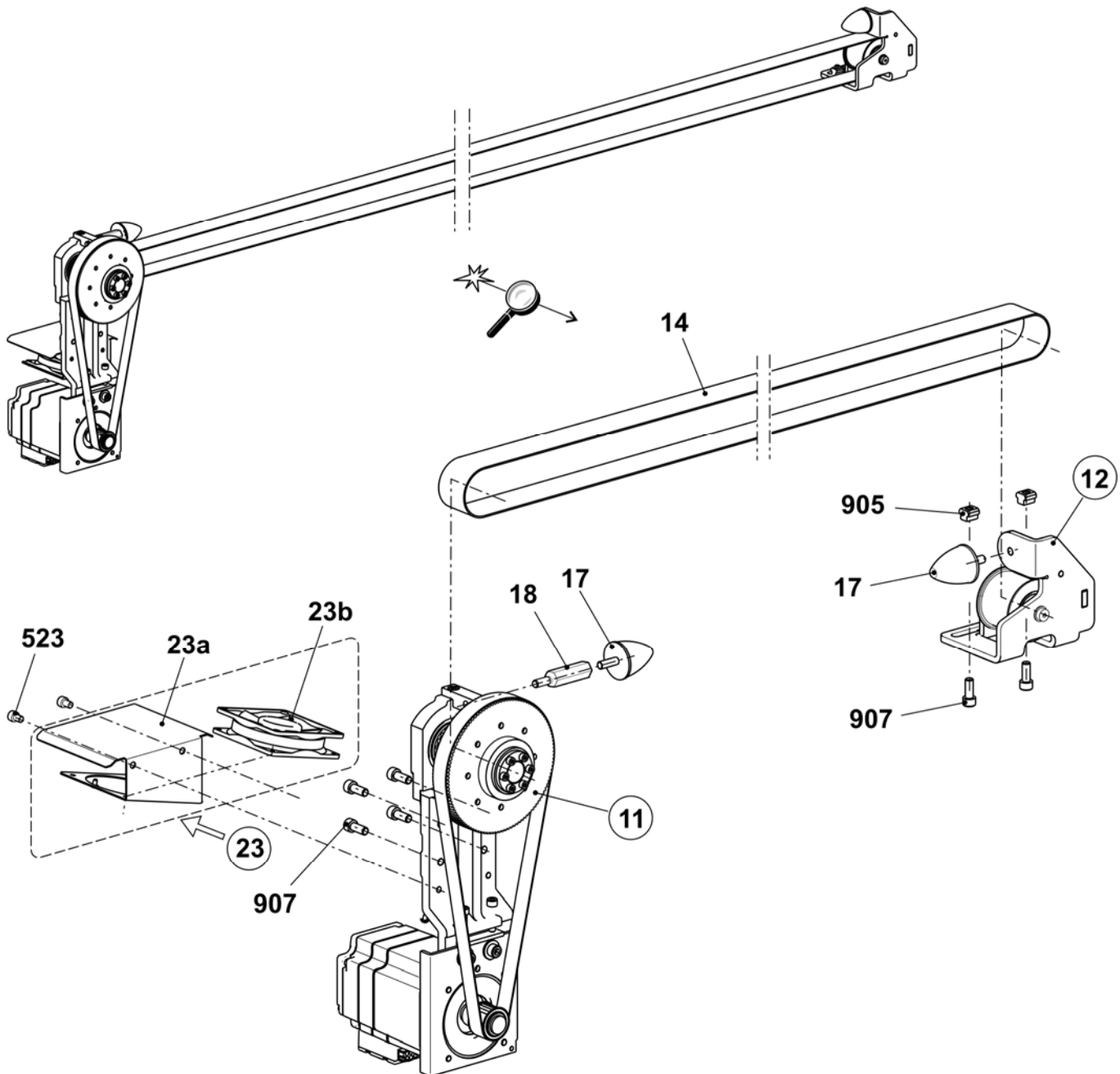
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Carriage drive



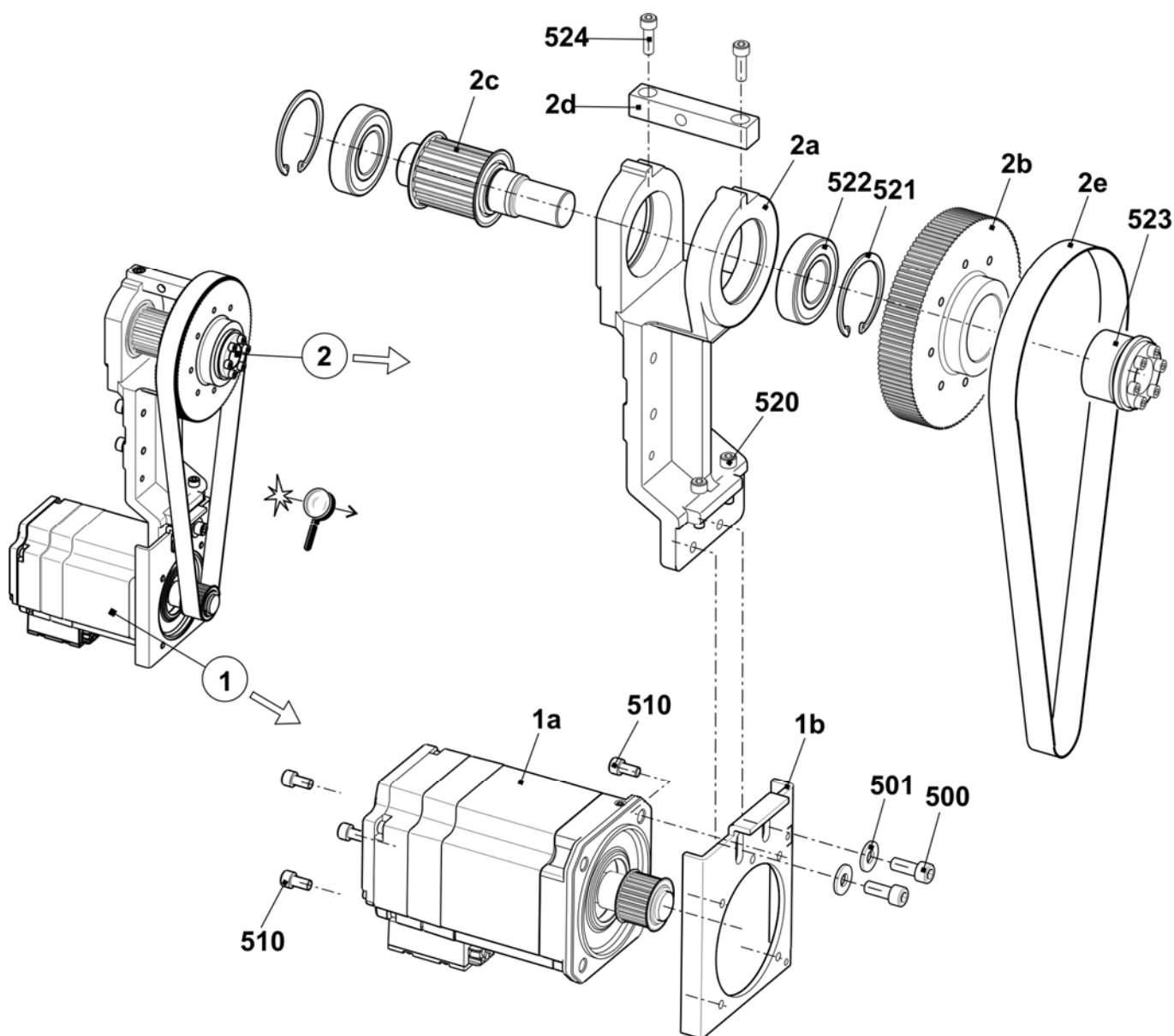
Drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive unit		23	Ventilator complete	242 413
11	Drive unit complete	240 743	23a	Ventilator plate drive motor	241 823
12	Tension bearing complete	251 581	23b	Ventilator complete 512	213 722
14	Toothed belt 50AT10/7150	236 656	523	Cap screw M8X12	023 138
17	Parabolic spring	200 661	905	Slide nut M10X12	023 471
18	Hexagon bolt	214 275	907	Cap screw M10x25	020 157



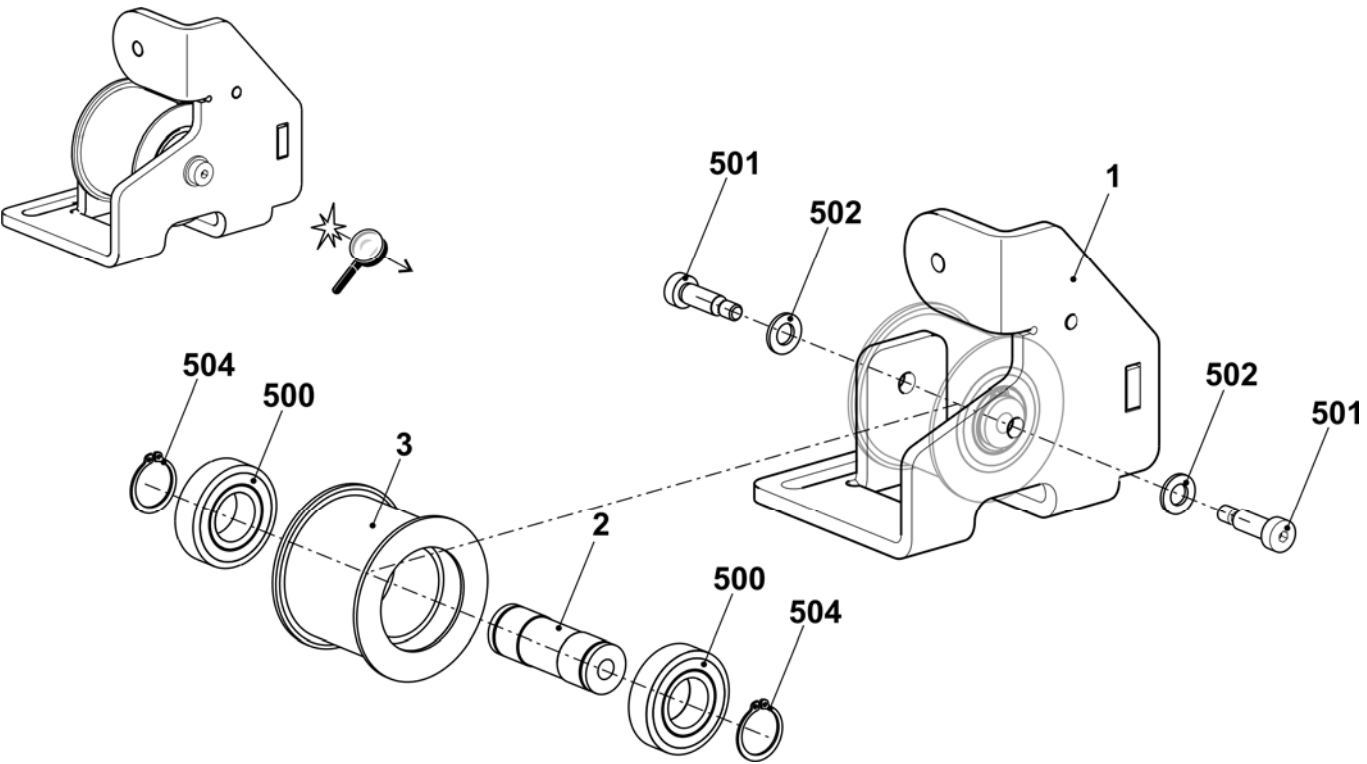
Motor and belt drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive unit complete	240 743	2	Drive bearing complete	240 742
1	Drive unit	240 741	2a	Drive bearing	241 654
1a	Drive motor complete	240 740	2b	Timing belt pulley	240 616
1b	Motor plate	227 662	2c	Pinion 57 AT10 18	242 039
510	Cap screw M8X16	023 629	2d	Support buffer	222 100
500	Cap screw M10x25	020 157	2e	Toothed belt 250 HP-S5M 1050 NG	240 628
501	Disc 10.5X25X2.5	022 178	520	Cap screw M8X35	020 144
			521	Locking ring 68x2.5	022 914
			522	Ball bearing 6207-2RS	022 915
			523	Tension set 30X55	023 208
			524	Cap screw M8X25 12.9	020 142



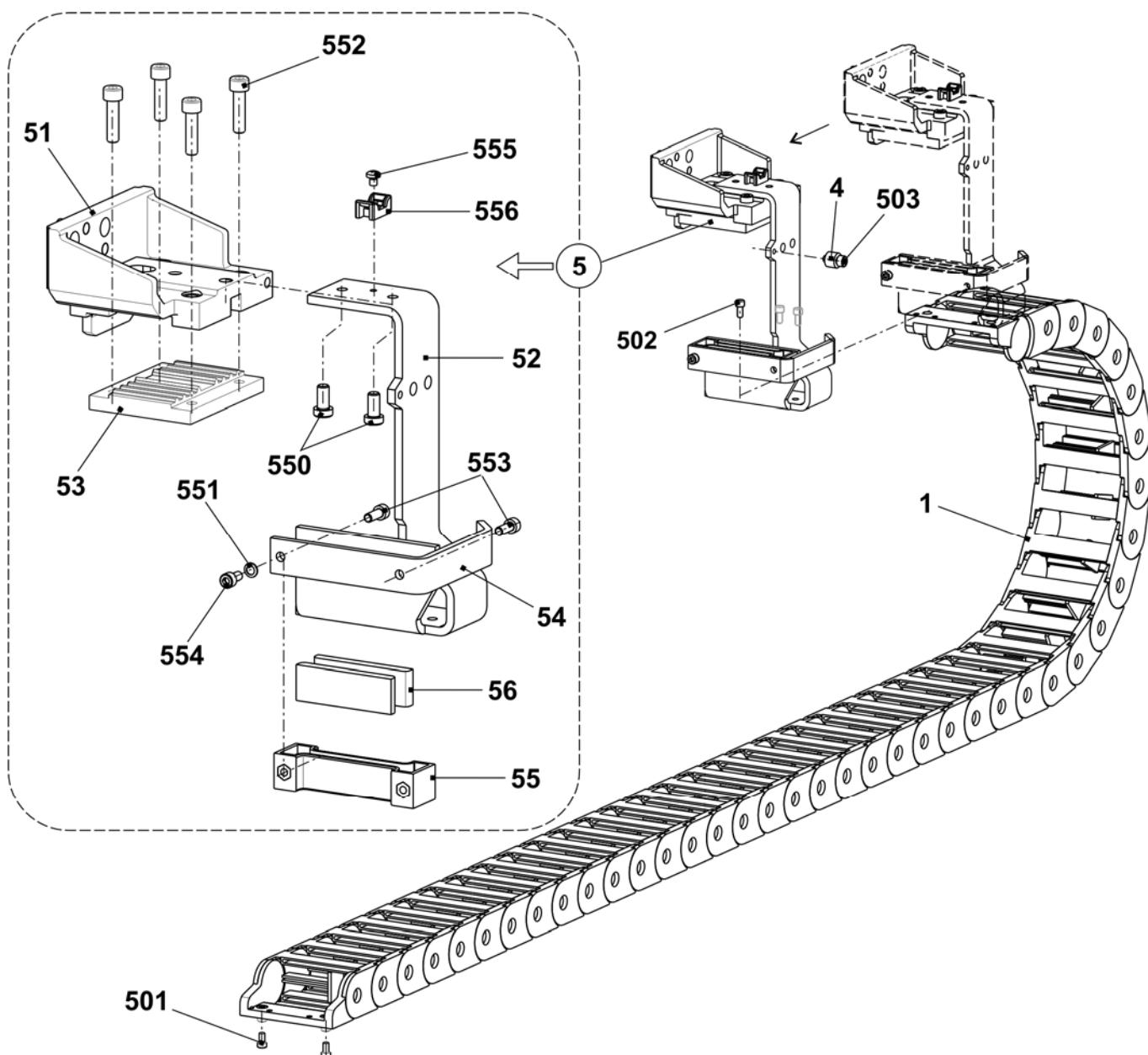
Tension bearing

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension bearing complete	251 581	500	Ball bearing 6205-2RS	023 559
1	Tension bearing	251 560	501	Cap screw M10x25	023 751
2	Axle	251 579	502	U-washer	020 874
3	Tension roller	251 580	504	Locking ring 25x1.2	251 617

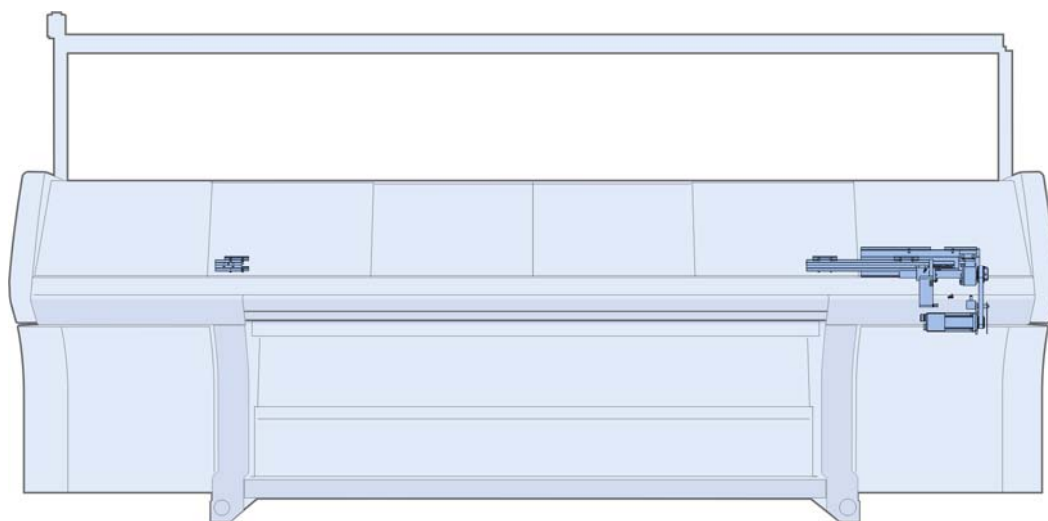


Energy chain and carriage driver

Pos	Designation	ID	Pos	Designation	ID
1	Energy chain 41 links	236 927	5	Continuation carriage driver complete	
4	Spacer	214 584	55	Cable holder	204 688
501	Cap screw M6x8	023 411	56	Cellular caoutchouc black	202 597
502	Cap screw M6x12	020 134	550	Cap screw M8x16	023 144
503	Cap screw M6x16	020 135	551	Circlip S6	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

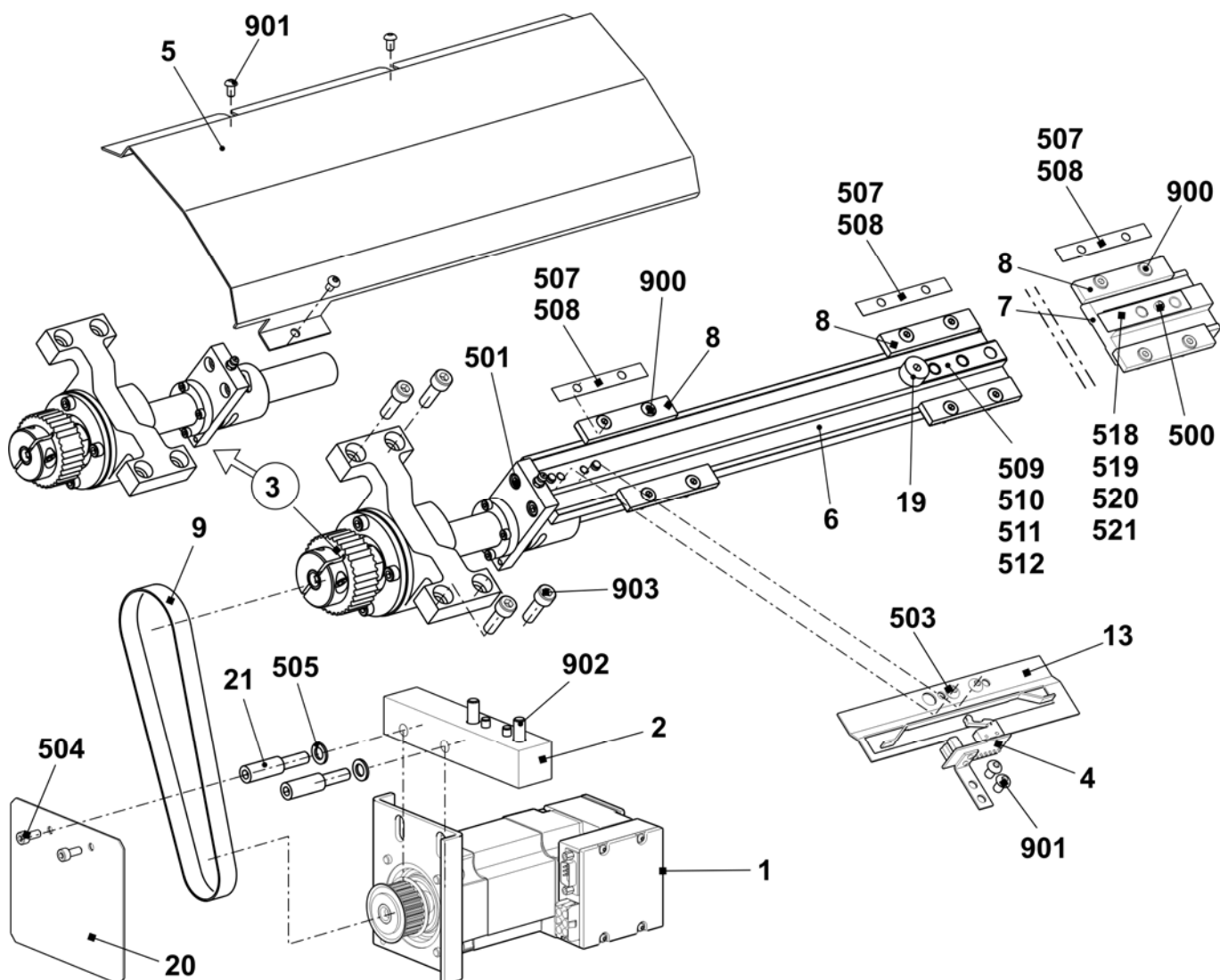


Racking

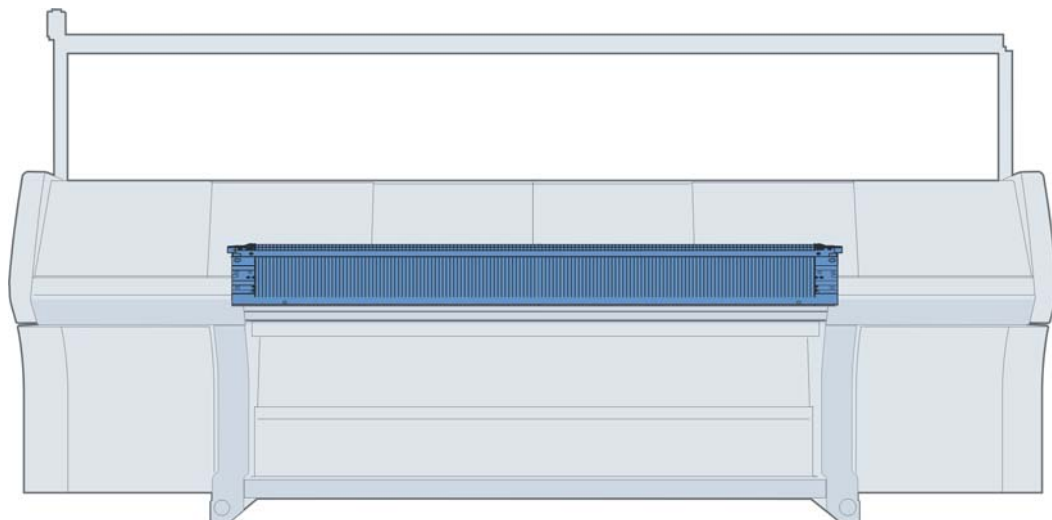


Racking drive

Pos	Designation	ID	Pos	Designation	ID
Σ	Racking				
1	Racking motor complete	241 454	504	Cap screw M5x12	020 132
2	Bearing	227 605	505	U-washer	022 175
3	Spindle bearing complete	253 262	507	Shim 0.03x11x80	023 286
4	Card racking limit switch	229 396	508	Shim 0.05x11x80	023 287
5	Racking cover plate	230 048	509	Shim 0.03x15x85	023 162
6	Racking strip	241 921	510	Shim 0.05x15x85	023 163
7	Racking strip on the left	240 696	511	Shim 0.1x15x85	023 164
8	Guide strip	206 382	512	Shim 0.2x15x85	023 170
9	Toothed belt 150 S 5M 490	229 281	518	Shim 0.03x15x75	023 395
13	Switching metal plate	240 722	519	Shim 0.05x15x75	023 396
19	Stop screw	221 386	520	Shim 0.1x15x75	023 397
20	Cover plate	232 544	521	Shim 0.2x15x75	023 398
21	Distance bolt	232 543	900	Cap screw M6x12	022 795
500	Cap screw M4x4	022 767	901	Countersunk screw M6x10	023 183
501	Cap screw M6x16	023 116	902	Cap screw M8X30	020 143
503	Countersunk screw M6x10	023 183	903	Cap screw M8X25	020 142

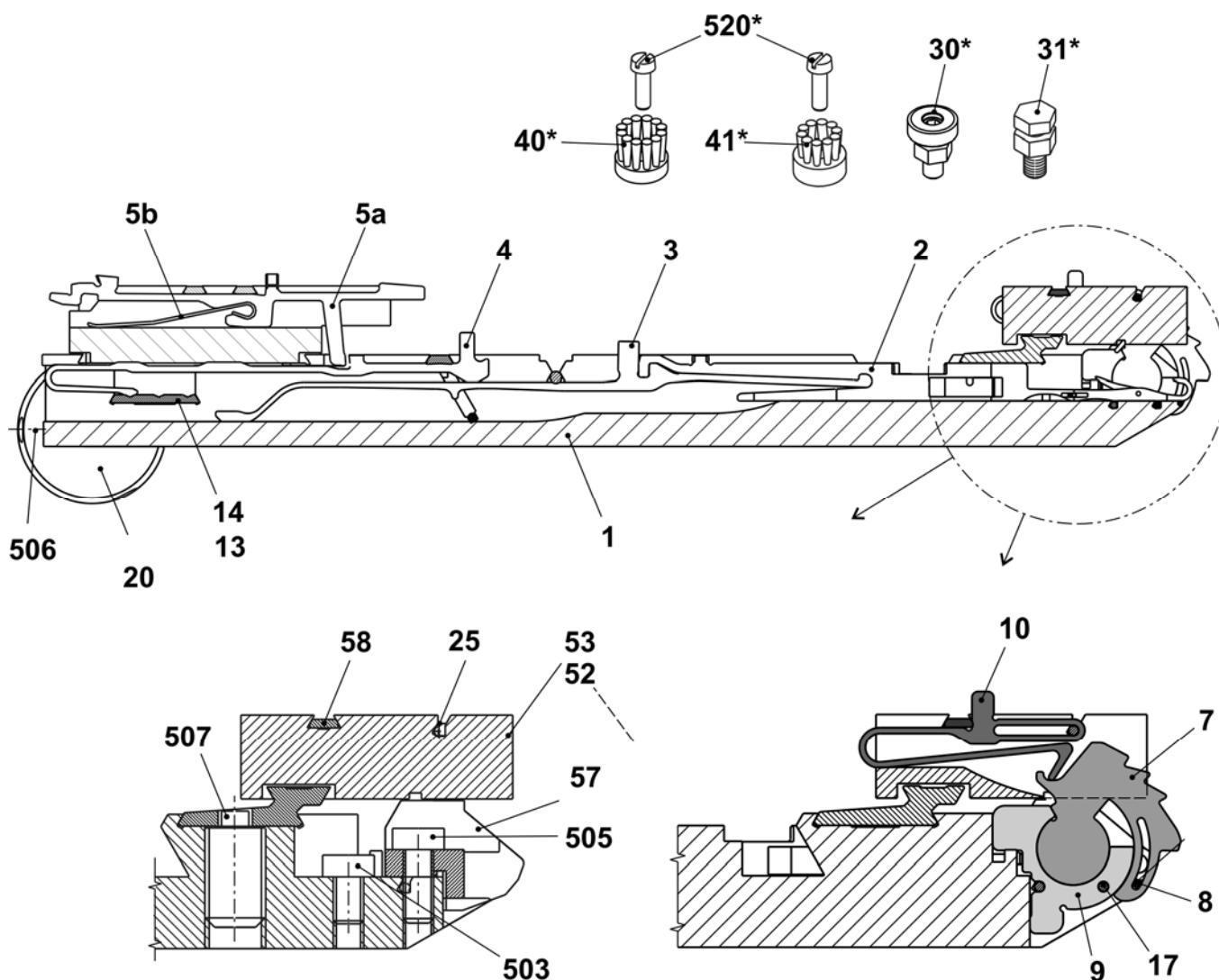


Needle beds



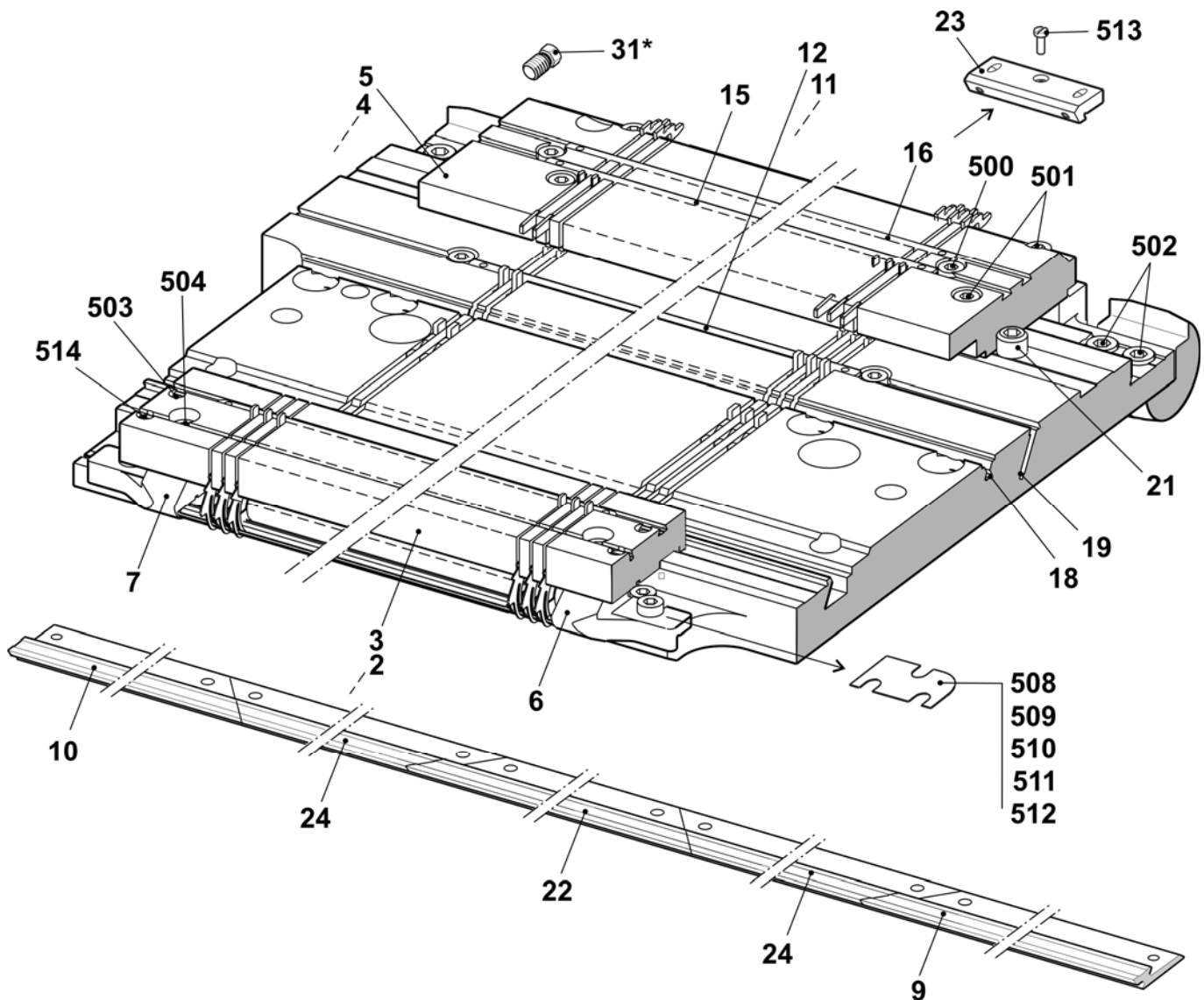
Needle bed E2,5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle bed complete at the front and rear E2,5.2	237 415			
1	Needle bed at the front + rear	237 300	25	Fixed wire D=1.5	239 206
2	Needle ultra-coarse E2,5.2	238 071	52	Holding-down jack bed front E5	237 303
3	Coupling part E3-4	239 194	53	Holding-down jack bed rear E5	237 306
4	Intermediate slider E3-4	218 799	57	Limiter on the right E4-E8	205 344
5a	Selection jack E3-4	213 372	58	Holding-down jack slide E4-5	237 374
5b	Selector spring E4-E8	200 690	30*	Adjusting piece D = 15	206 375
7	Holding-down jack E2,5.2	237 199	31*	Set screw complete	207 712
8	Spring steel wire E4-5 Ø=1	237 406	40*	Disk brush	235 612
9	Support E2,5.2	237 200	41*	Plate brush 12	202 600
10	Spring E2,5.2	237 425	503	Cap screw M5x8	023 154
13	Spring slide at the front E4-5	237 380	505	Cap screw M5x12	022 943
14	Spring slide at the rear E4-5	237 381	506	Set screw M6x12	022 400
17	Fixed wire D=1.6	237 384	507	Sprung thrust piece B-M10	023 177
20	Support	206 352	520*	Cap screw M5x12	020 032



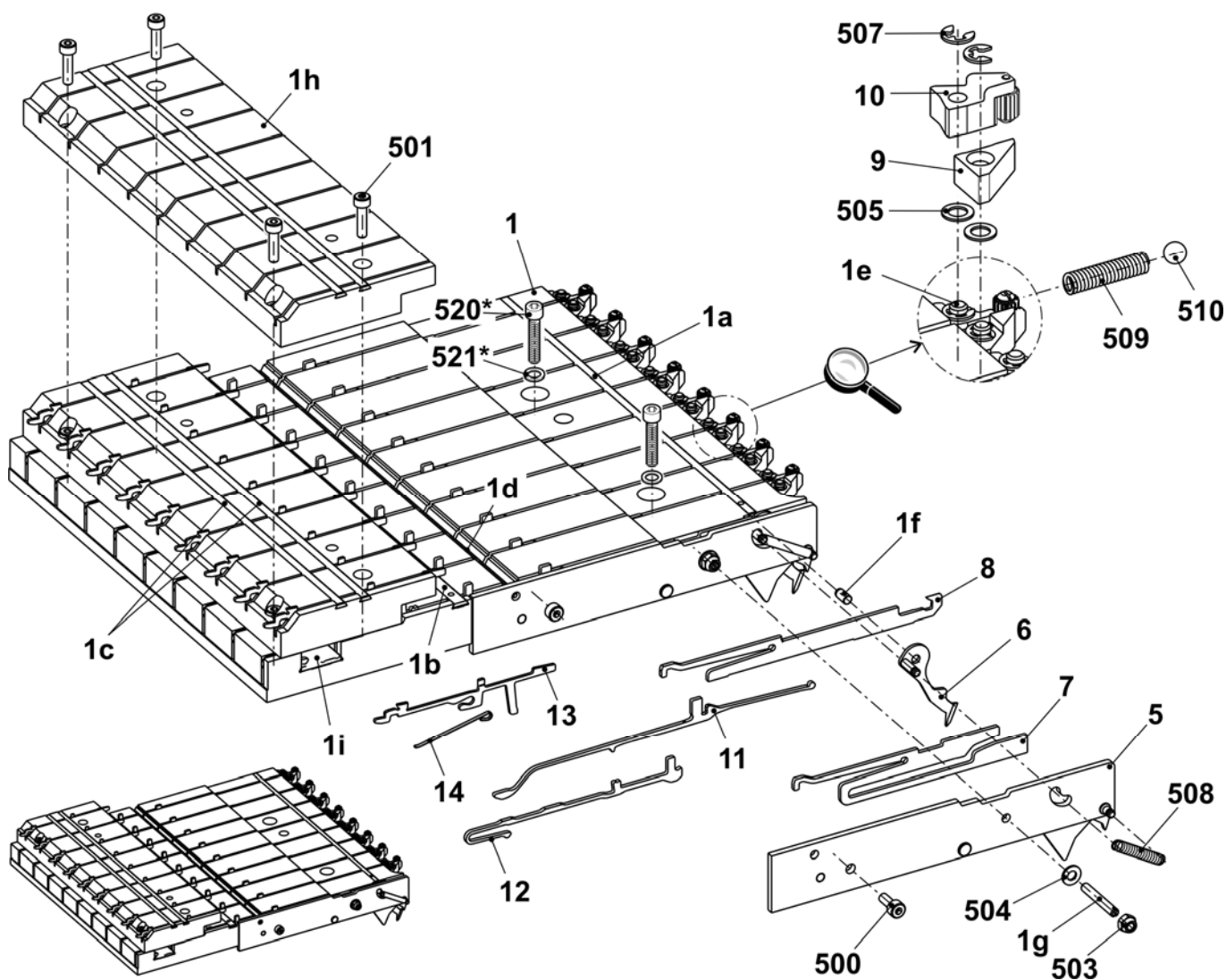
Continuation needle bed E2,5.2

Pos	Designation	ID	Pos	Designation	ID
2	Holding-down jack bed front E5	237 303	23	Clamping part	236 649
3	Holding-down jack bed rear E5	237 306	24	Needle rail on the left + right	237 837
4	Selection jack bed at the front E5	237 309	31*	Adjusting bolt	240 765
5	Selection jack bed at the rear E5	237 312	500	Cap screw M5x10	022 918
6	Limiter on the left E4-E8	205 343	501	Cap screw M5x20	020 133
7	Limiter on the right E4-E8	205 344	502	Cap screw M6x14	022 658
9	Needle rail on the left	237 835	503	Cap screw M5x8	023 154
10	Needle rail on the right	237 836	504	Cap screw M5x25	023 523
11	Cover rail at the front E5	237 377	508	Shim 0.02x18.5x34	023 194
12	Cover rail at the rear	237 379	509	Shim 0.03x18.5x34	023 195
15	Cover rail	237 382	510	Shim 0.05x18.5x34	023 196
16	Cover rail	237 383	511	Shim 0.10x18.5x34	023 197
18	Fixed wire D=2.8	223 862	512	Shim 0.20x18.5x34	023 253
19	Spring steel wire D=2.0	223 854	513	Cap screw M2.5x6	242 022
21	Eccentric	204 603	514	Cap screw M3x5	022 688
22	Needle rail in the middle	237 838			



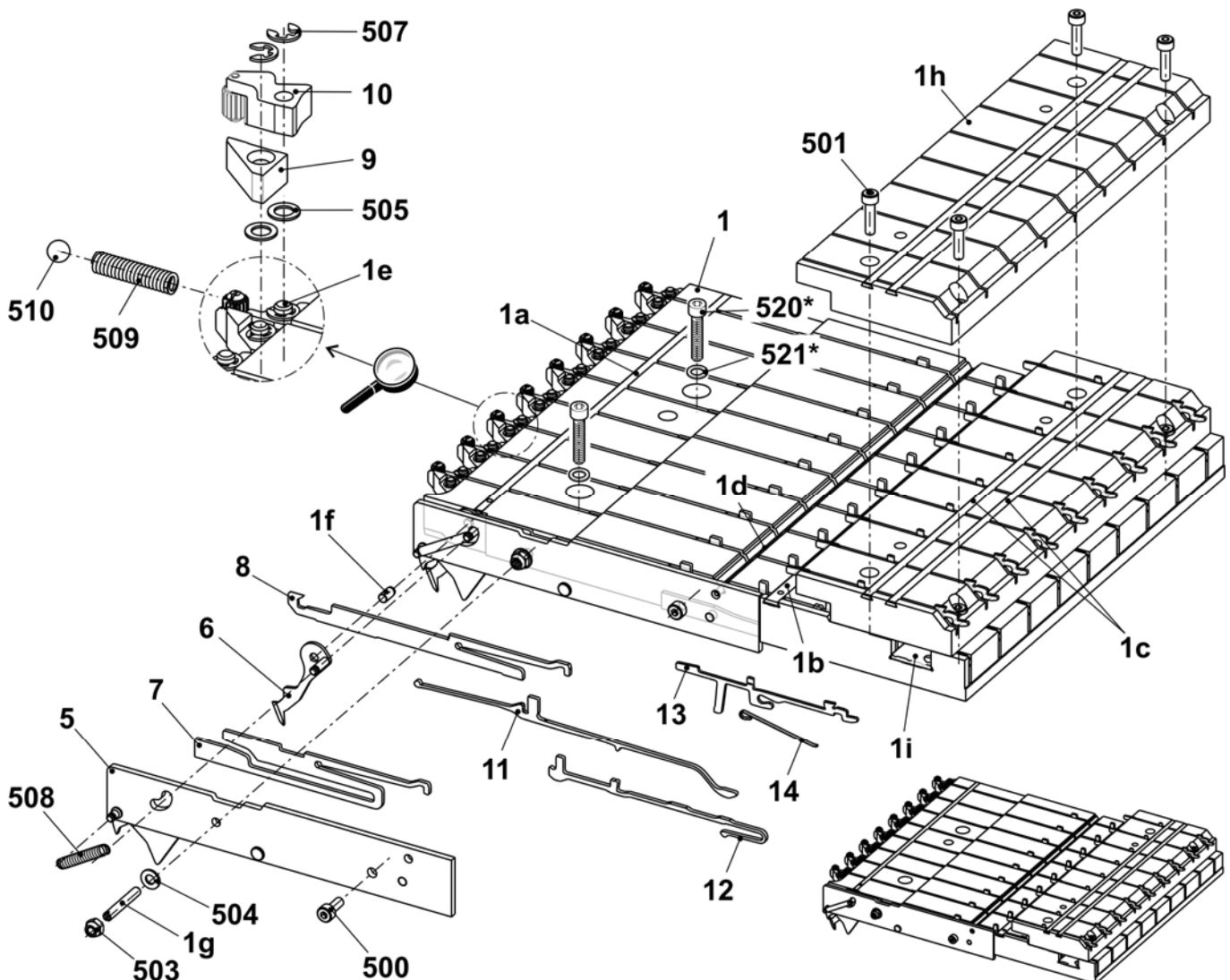
Left clamping/cutting bed E3-4

Pos	Designation	ID	Pos	Designation	ID
Σ	Left clamping/cutting bed E3- 4	251 322	10	Clamp on the left complete	231 502
1	Guide plate EPT on the left E3-4	251 319	11	Coupling part E3-4	213 348
1a	Cover rail	211 358	12	Intermediate slider E3-4	218 799
1b	Cover rail	216 105	13	Selection jack E3-4	213 372
1c	Cover rail	209 224	14	Selector spring E4-E8	200 690
1d	Fixed wire	215 927	500	Cap screw M4x10	023 136
1e	Bolt	208 094	501	Cap screw M4x16	020 131
1f	Axle	211 349	503	Hexagon nut M4-8	023 046
1g	Guide pin	211 351	504	U-washer 4	020 870
1h	Selection jack bed at the left E3-4	215 906	505	Washer 4.3x7x0.5	022 153
1i	Spring slide	215 908	507	Circlip 3.2	021 019
5	Cover on the left complete E3-4	215 925	508	Tension spring 4x0.55x18.9	023 392
6	Tuck hook on the left E3-4	215 887	509	Compression spring 0.8x4x26.3	023 333
7	Slider	215 827	510	Ball 5	023 309
8	Tuck needle on the left E3-4	231 476	520*	Cap screw M6x25	023 335
9	Blade on the left	231 496	521*	Washer 7.6x11.6x1.5	023 334



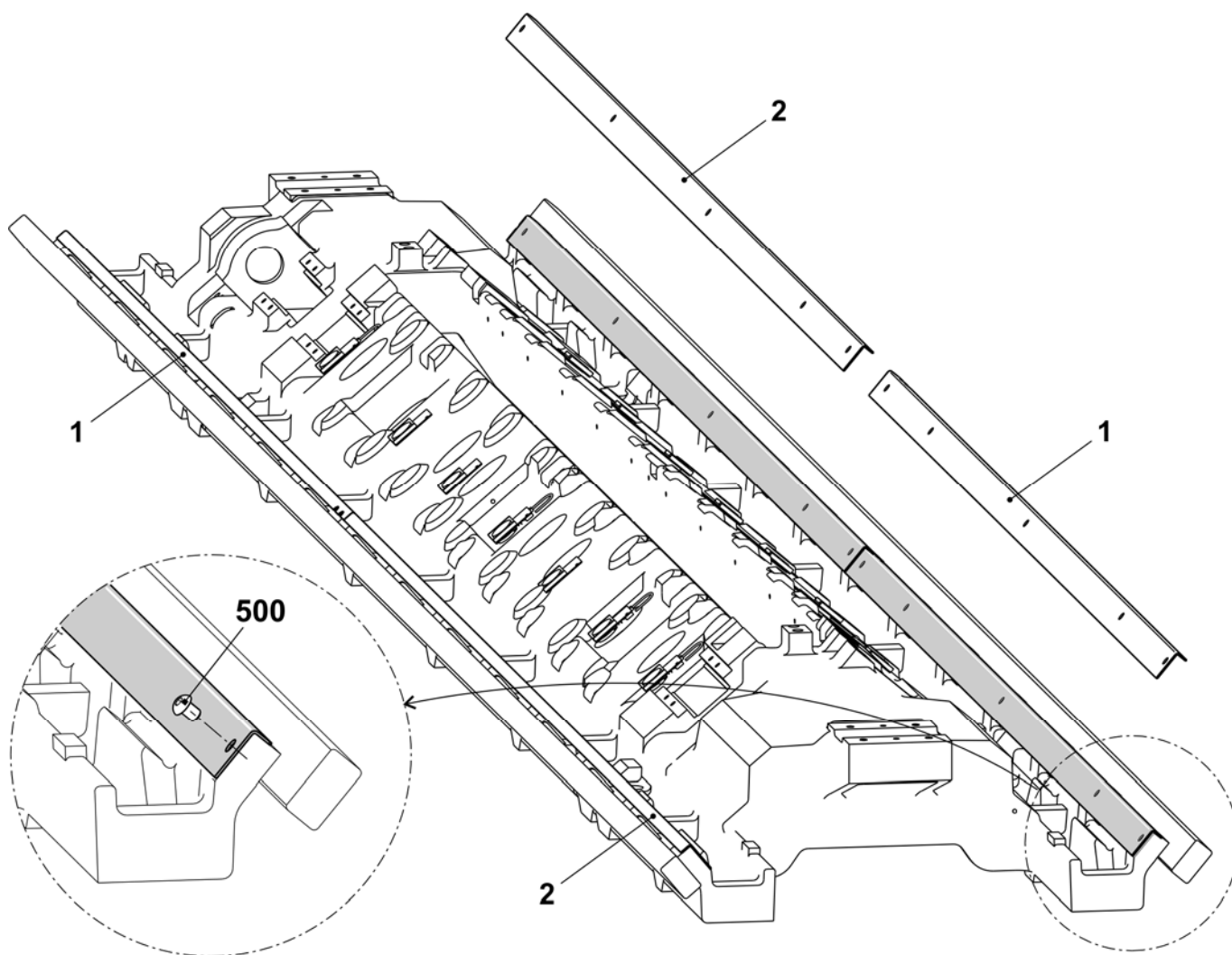
Right clamping/cutting bed E3-4

Pos	Designation	ID	Pos	Designation	ID
Σ	Right clamping/cutting bed E3- 4	251 323	10	Clamp on the right complete	231 449
1	Guide plate EPT on the right E3-4	251 321	11	Coupling part E3-4	213 348
1a	Cover rail	211 358	12	Intermediate slider E3-4	218 799
1b	Cover rail	216 105	13	Selection jack E3-4	213 372
1c	Cover rail	209 224	14	Selector spring E4-E8	200 690
1d	Fixed wire	215 927	500	Cap screw M4x10	023 136
1e	Bolt	208 094	501	Cap screw M4x16	020 131
1f	Axle	211 349	503	Hexagon nut M4-8	023 046
1g	Guide pin	211 351	504	U-washer 4	020 870
1h	Selection jack bed on the left E3-4	215 907	505	Washer 4.3x7x0.5	022 153
1i	Spring slide	215 908	507	Circlip 3.2	021 019
5	Cover on the right complete E3-4	215 926	508	Tension spring 4x0.55x18.9	023 392
6	Tuck hook on the right complete E3-4	215 888	509	Compression spring 0.8x4x26.3	023 333
7	Slider	215 827	510	Ball 5	023 309
8	Tuck needle on the right E3-4	231 443	520*	Cap screw M6x25	023 335
9	Blade on the right	231 455	521*	Washer 7.6x11.6x1.5	023 334

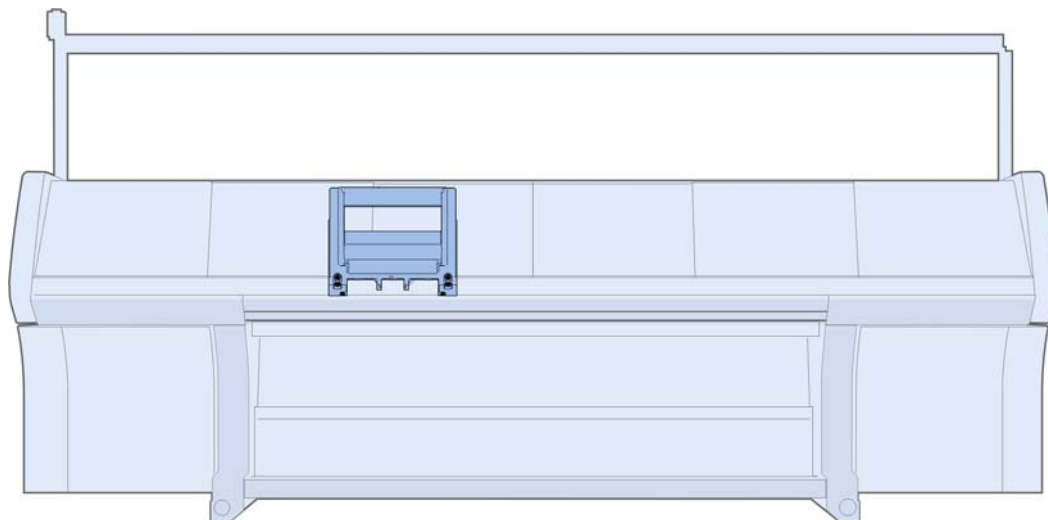


Cover on the left and on the right

Pos	Designation	ID	Pos	Designation	ID
1	Cover on the left	243 428	500	Countersunk screw M8x10	241 930
2	Cover on the right	243 429			

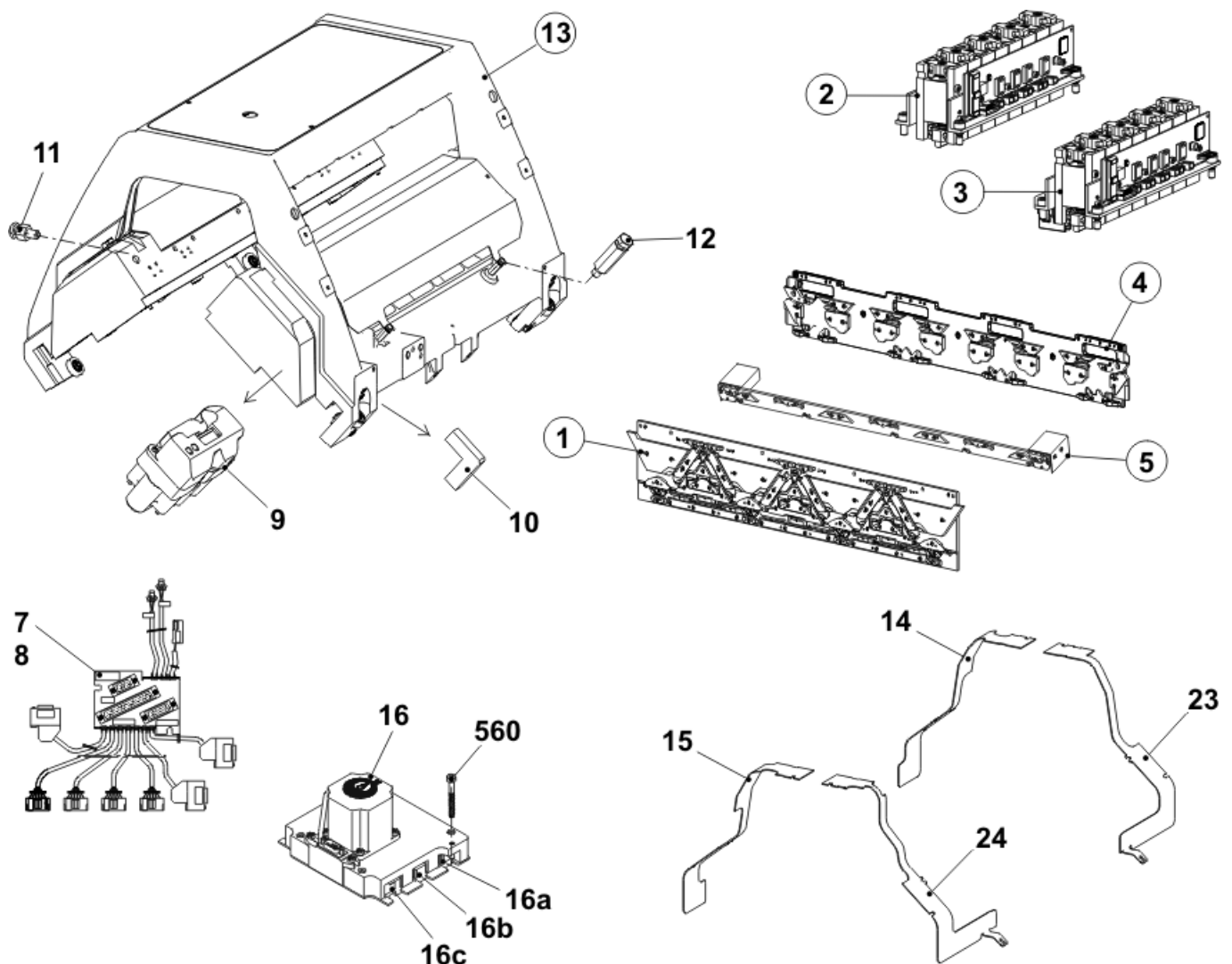


Carriage



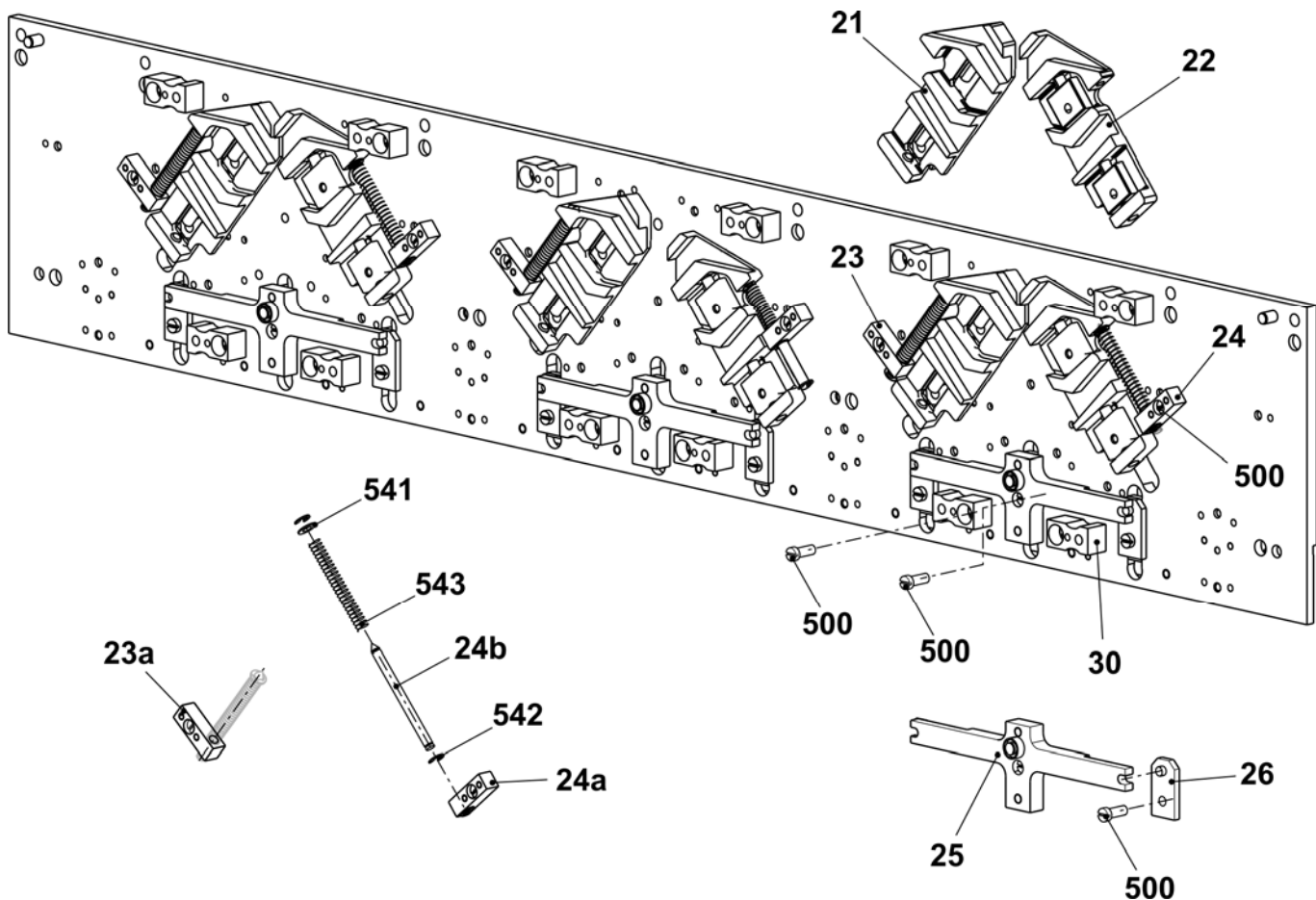
Overview of Carriage Parts

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage complete E2,5.2	244 340	12	Bolt	243 171
1	Needle cam complete	244 344	13	Carriage assembly 3 cam boxes C	244 343
2	YC driving outside complete	241 080	14	Cover plate on the left	250 274
3	YC driving in the middle complete	241 081	15	Cover plate on the right	250 275
4	Jack cam box complete	244 345	16	Motor unit complete	214 946
5	Holding-down jack cam box E2,5.2	244 346	16a	Gear rack at the top	214 290
7	Distributor at the rear 830C okc	244 182	16b	Gear rack in the middle	214 291
8	Distributor at the front 830C okc	244 207	16c	Gear rack at the bottom	214 292
9	Selection system complete E2 - E8	216 218	560	Screw M4x30	023 290
10	Wiper (felt)	241 411	23	Guide plate at the rear on the left	245 323
11	Bolt	212 392	24	Guide plate at the rear on the right	245 324



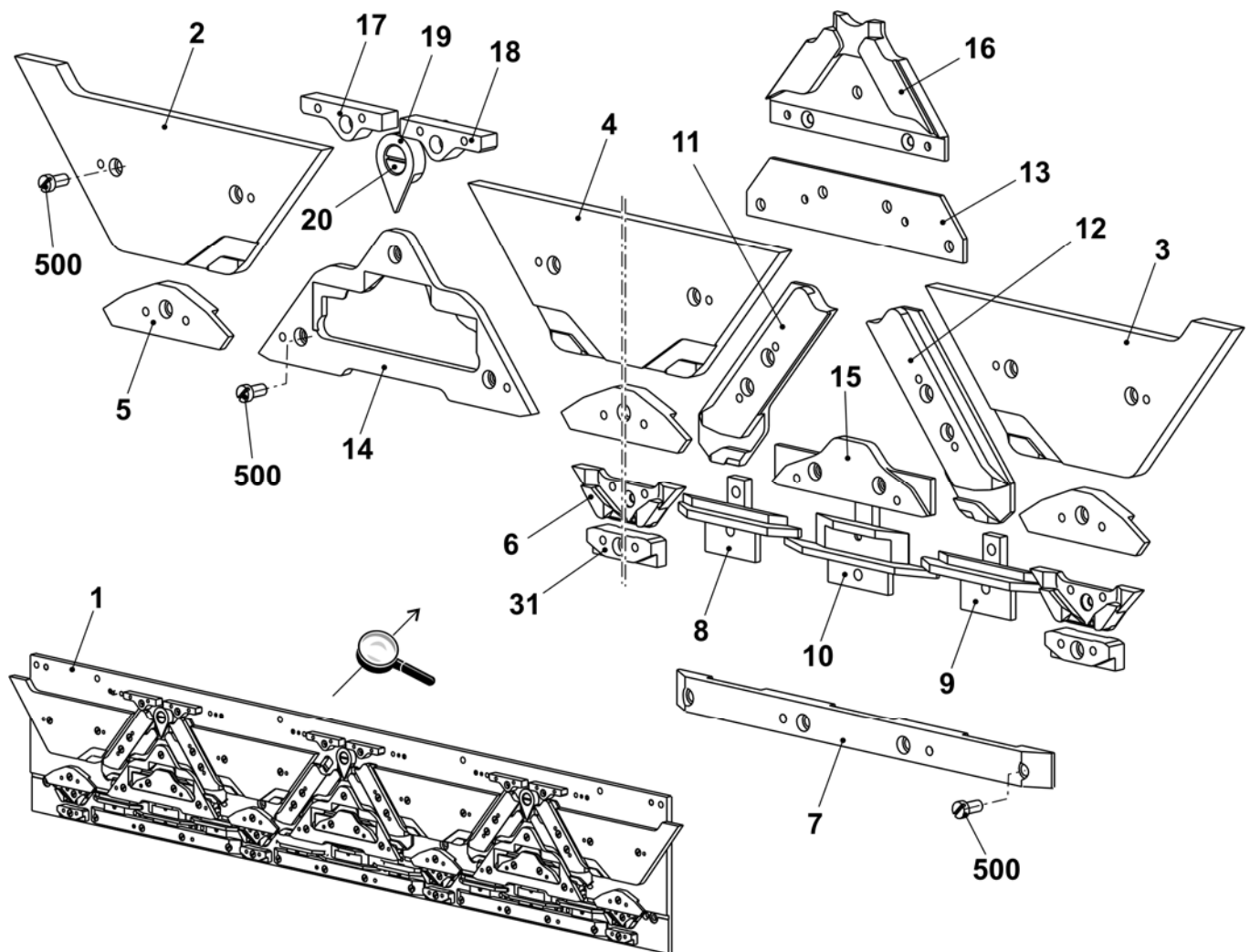
Needle cam at the top

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle cam complete	244 344			
21	Stitch forming cam on the left complete	214 657	24	541 Disc 4.3x7x0.5	022 153
22	Stitch forming cam on the right complete	214 656		542 Circlip 3.2	021 019
23	Rod guide element on the left	214 477		543 Compression spring	023 344
	23a Rod guide element on the left	214 475	25	Switching piece	214 322
24	Rod guide element on the right	214 478	26	Slider	214 336
	24a Rod guide element on the right	214 473	30	Spacer	214 603
	24b Spring rod	214 476	500	Cap screw M4x8	020 091



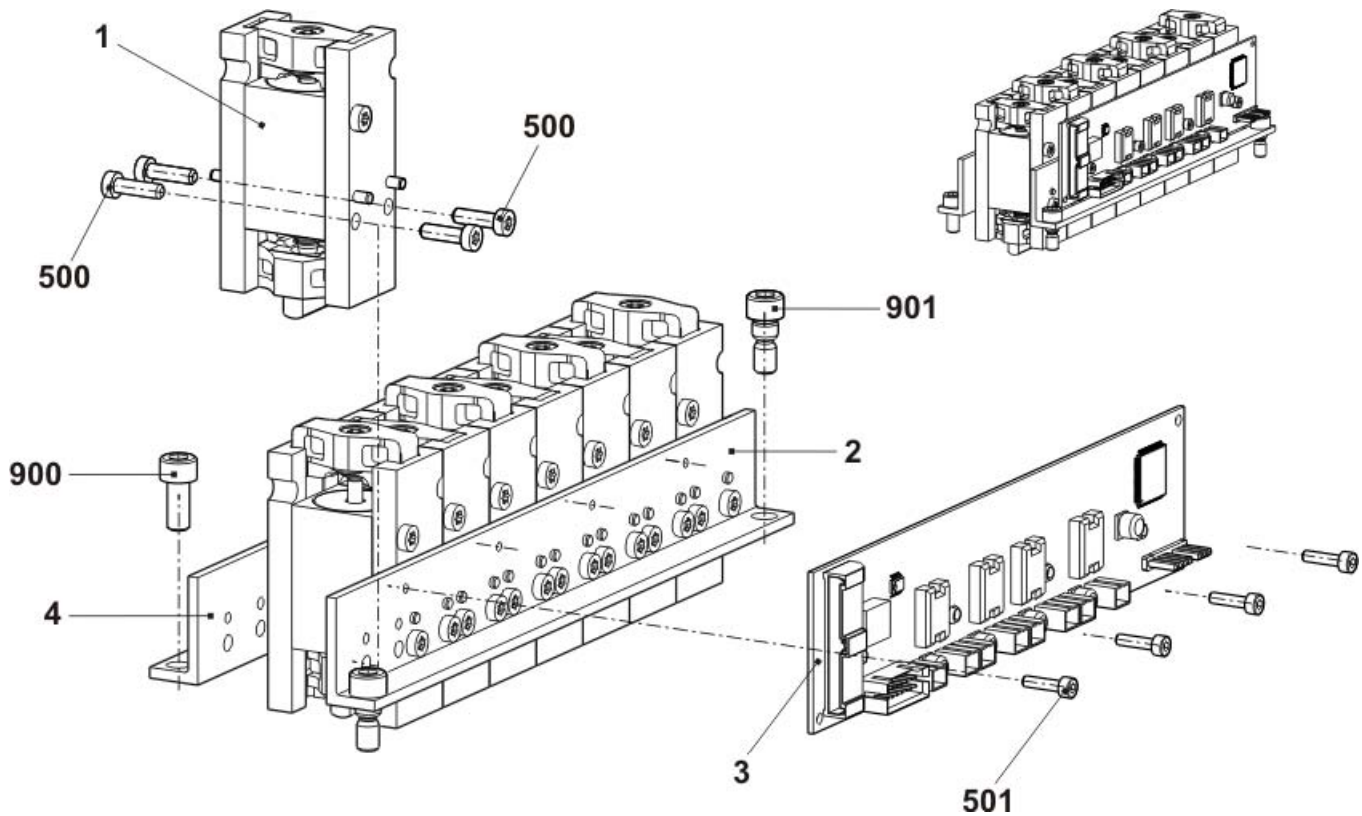
Needle cam at the bottom

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle cam box complete (at the bottom)	244 344	12	Stitch cam on the right E3-4	214 896
1	Needle cam plate E2,5-5	245 214	13	Knitting raising plate	214 286
2	Entry cam on the left E3-4	214 850	14	Raising cam without split	216 012
3	Entry cam on the right E3-4	214 851		Knitting raising cam with split (Accessories)	216 011
4	Entry cam in the middle E3-4	214 852	15	Receiving cam	214 190
5	Entry cam	214 579	16	Tuck limit cam E2,5.2	218 047
6	Knitting position cam E3-4	220 179	17	Limit cam on the left E3-4	218 048
7	Pressure strip E3-4	214 663	18	Limit cam on the right E3-4	218 049
8	Pressure part take-over on the left E3-4	216 008	19	Pointer E3-4	218 050
9	Pressure part take-over on the right E3-4	216 009	20	Screw	214 576
10	Tuck pressure part E3-4	216 130	31	Limit cam at the bottom E3-4	215 994
11	Stitch cam on the left E3-4	214 895	500	Cap screw M4x8	020 091



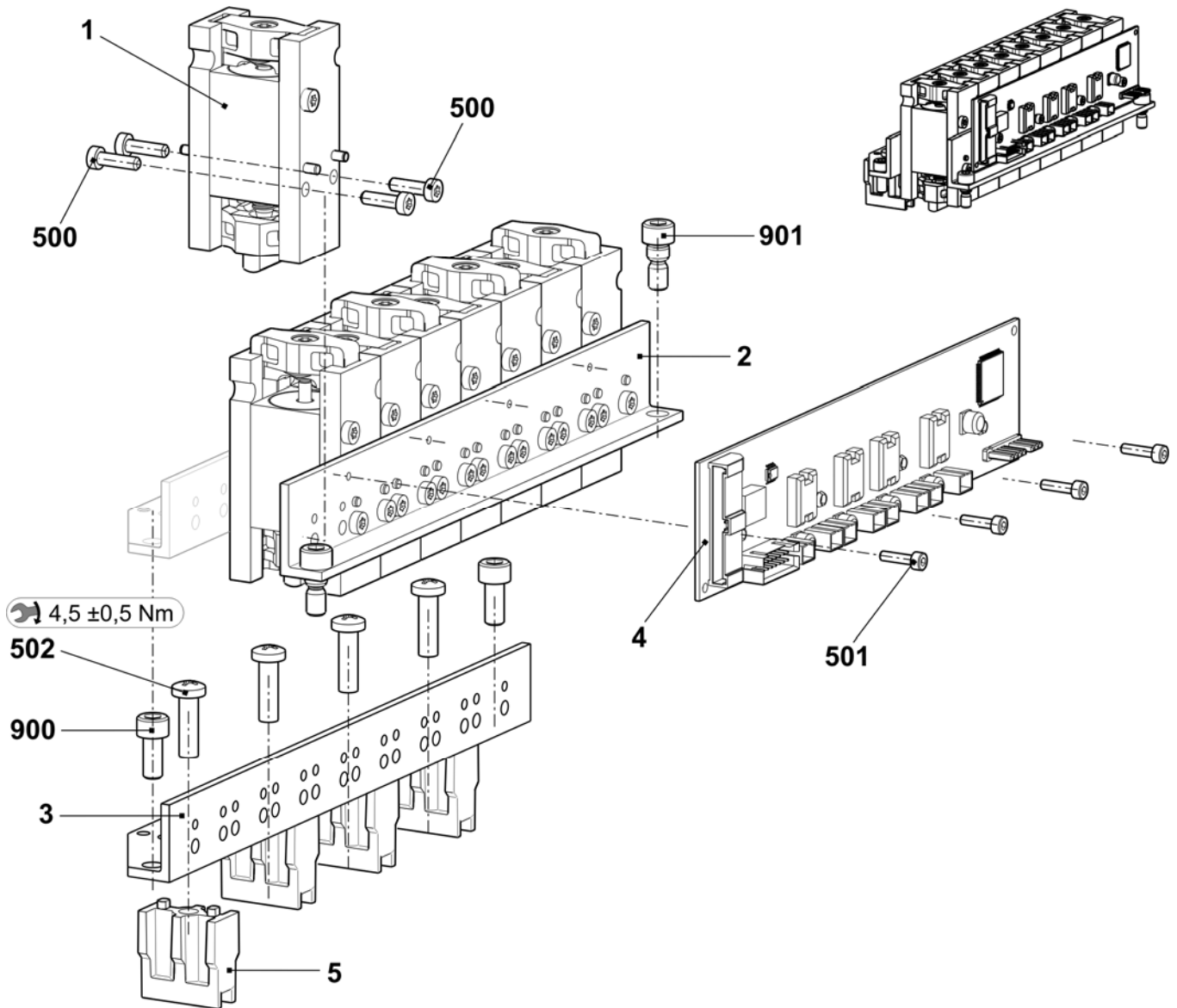
Yarn carrier driving without guiding part

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving outside complete	241 080			
1	Yarn carrier plunger complete	242 214	500	Cap screw M4x14-I-Torx	242 279
2	Support angle for jack	241 038	501	Cap screw M3x12-12.9	022 648
3	Card yarn carrier final stages OKC	300 960	900	Cap screw M6x14	022 658
4	Support angle for YC driving	242 903	901	Shoulder screw	231 899



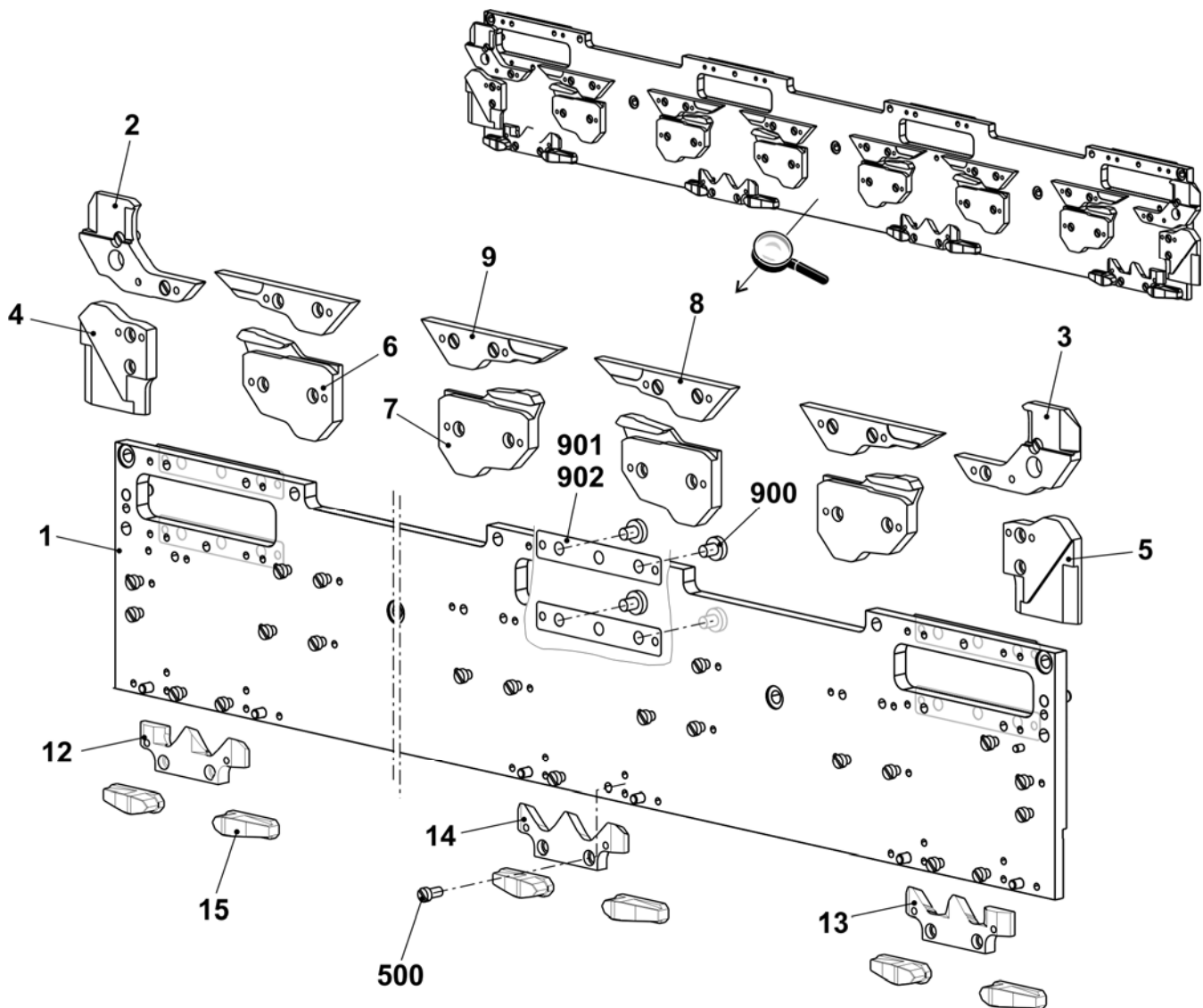
Yarn carrier driving with guiding part

Pos	Designation	ID	Pos	Designation	ID
Σ	YC driving in the middle complete	241 081			
1	Yarn carrier plunger complete	242 214	500	Cap screw M4x14-I-Torx	242 279
2	Support angle for jack	241 038	501	Cap screw M3x12-12.9	022 648
3	Support angle for YC driving	241 044	502	Screw KB60X20	243 625
4	Card yarn carrier final stages OKC	300 960	900	Cap screw M6x14	022 658
5	Guiding part	239 972	901	Shoulder screw	231 899



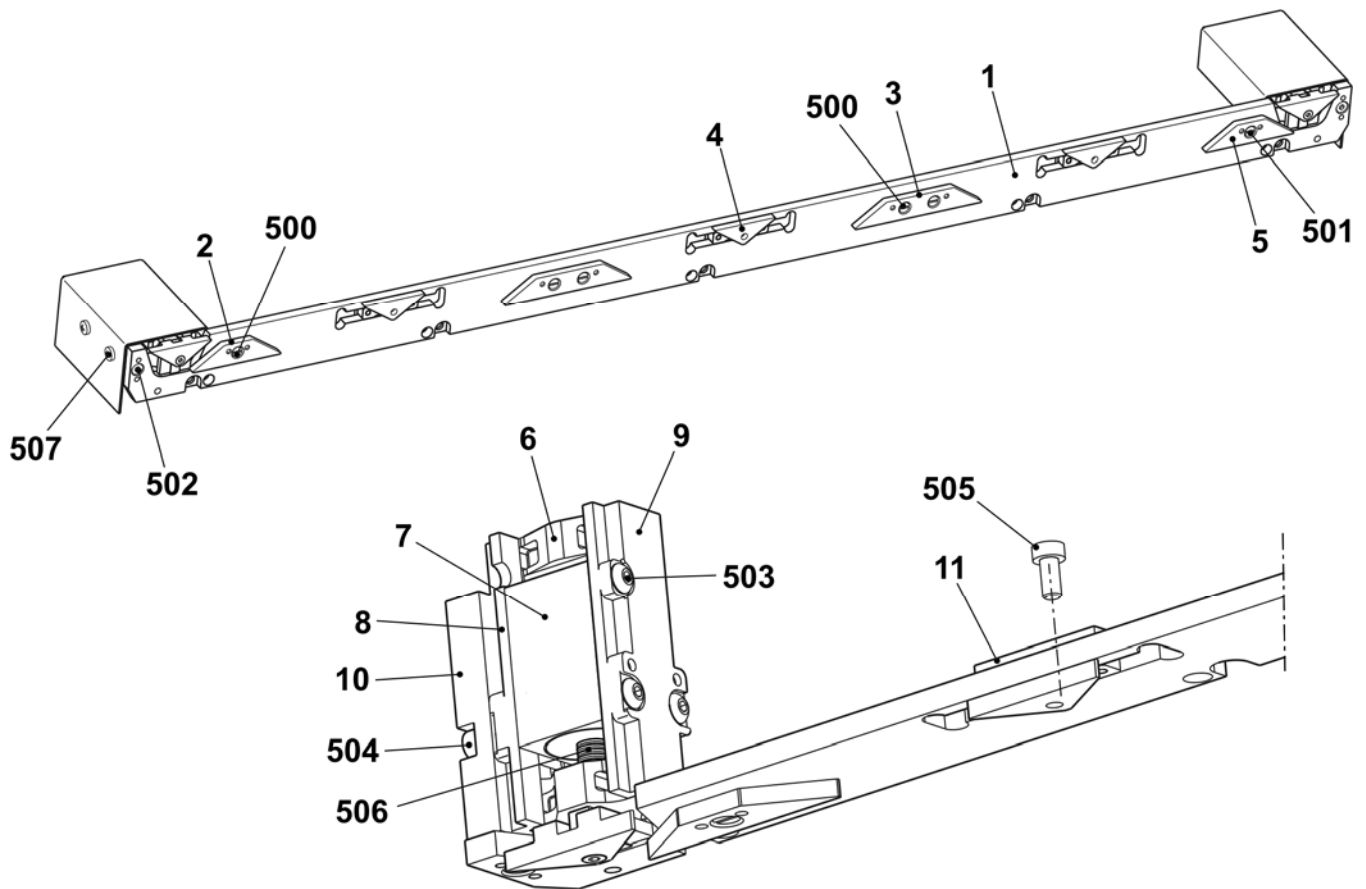
Jack cam box

Pos	Designation	ID	Pos	Designation	ID
Σ	Jack cam box complete	244 345	9	Cam on the right E3-4	213 938
1	Jack cam plate E2,5-5	245 215	12	Selector cam on the left	213 868
2	Cam on the left	214 594	13	Selector cam on the right	213 870
3	Cam on the right	214 596	14	Selector cam	213 869
4	Cam on the left	214 586	15	Offering cam	210 185
5	Cam on the right	214 587	500	Cap screw M4x8	020 091
6	Cam on the left E3-4	213 911	900	Countersunk screw M3x4	023 142
7	Cam on the right E3-4	213 615	901	Shim 0.1x12x75	022 830
8	Cam on the left E3-4	213 920	902	Shim 0.2x12x75	022 831



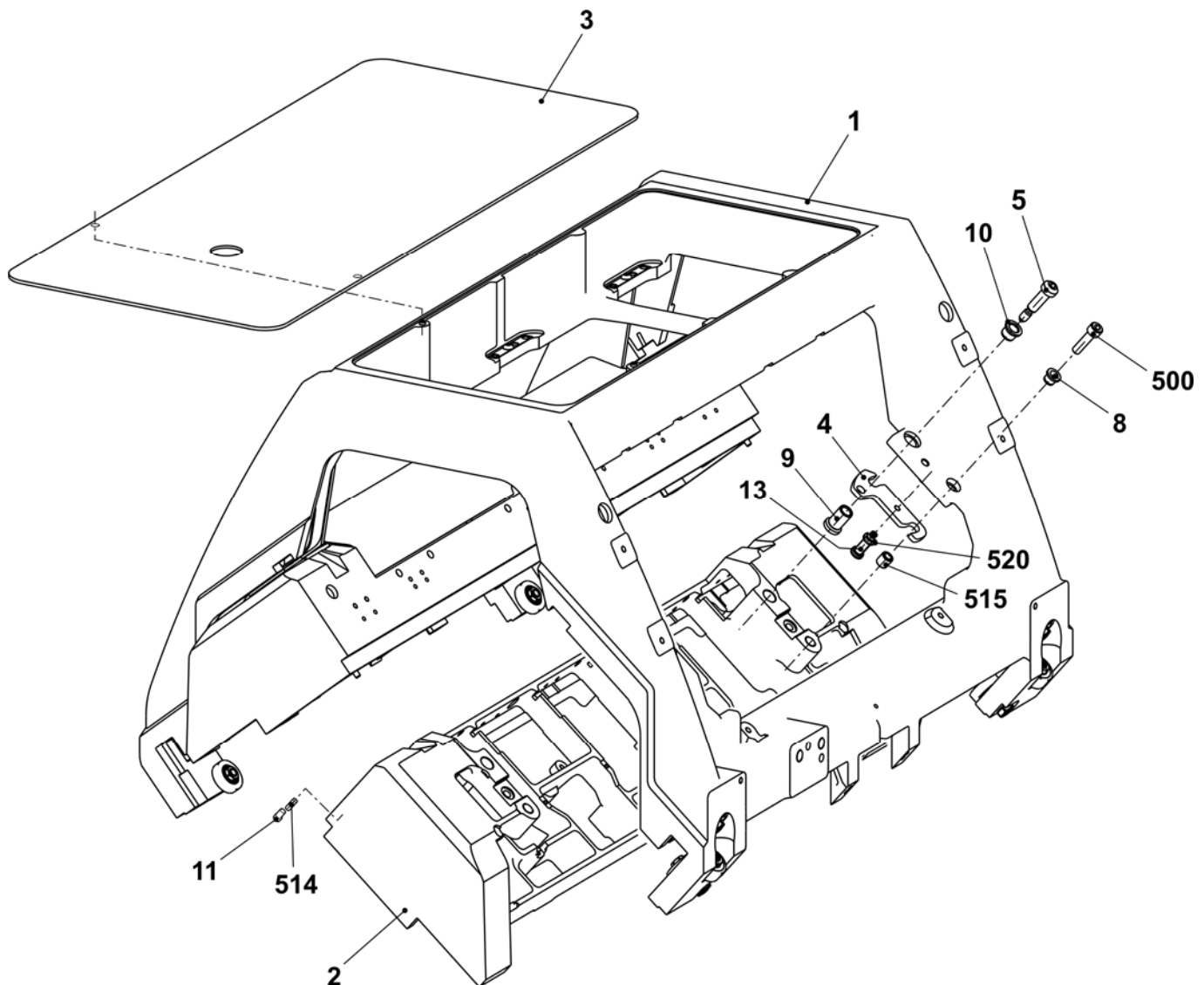
Holding-down jack cam box E2,5.2

Pos	Designation	ID	Pos	Designation	ID
Σ	Holding-down jack cam box E2,5.2	244 346	10	Magnetic support E4-5	237 285
1	Jack cam box plate	237 424	11	Slider	237 453
2	Closer exterior E2,5.2	237 436	500	Cap screw M4x8	020 020
3	Closer E2,5.2	237 435	501	Screw KB30x8	236 228
4	Jack opener E2,5.2	237 346	502	Cap screw M4x10	023 136
5	Jack opener switchable E2,5.2	237 437	503	Countersunk screw M4x10	023 450
6	Yoke	237 343	504	Cap screw M4x16	020 131
7	Magnet holding-down jack control 40V/BI	237 426	505	Countersunk screw M4x10	020 295
8	Guidance on the left	227 308	506	Compression spring 0.48x7.02x17.29	023 654
9	Guidance on the right	227 309	507	Countersunk screw M4x8	023 579



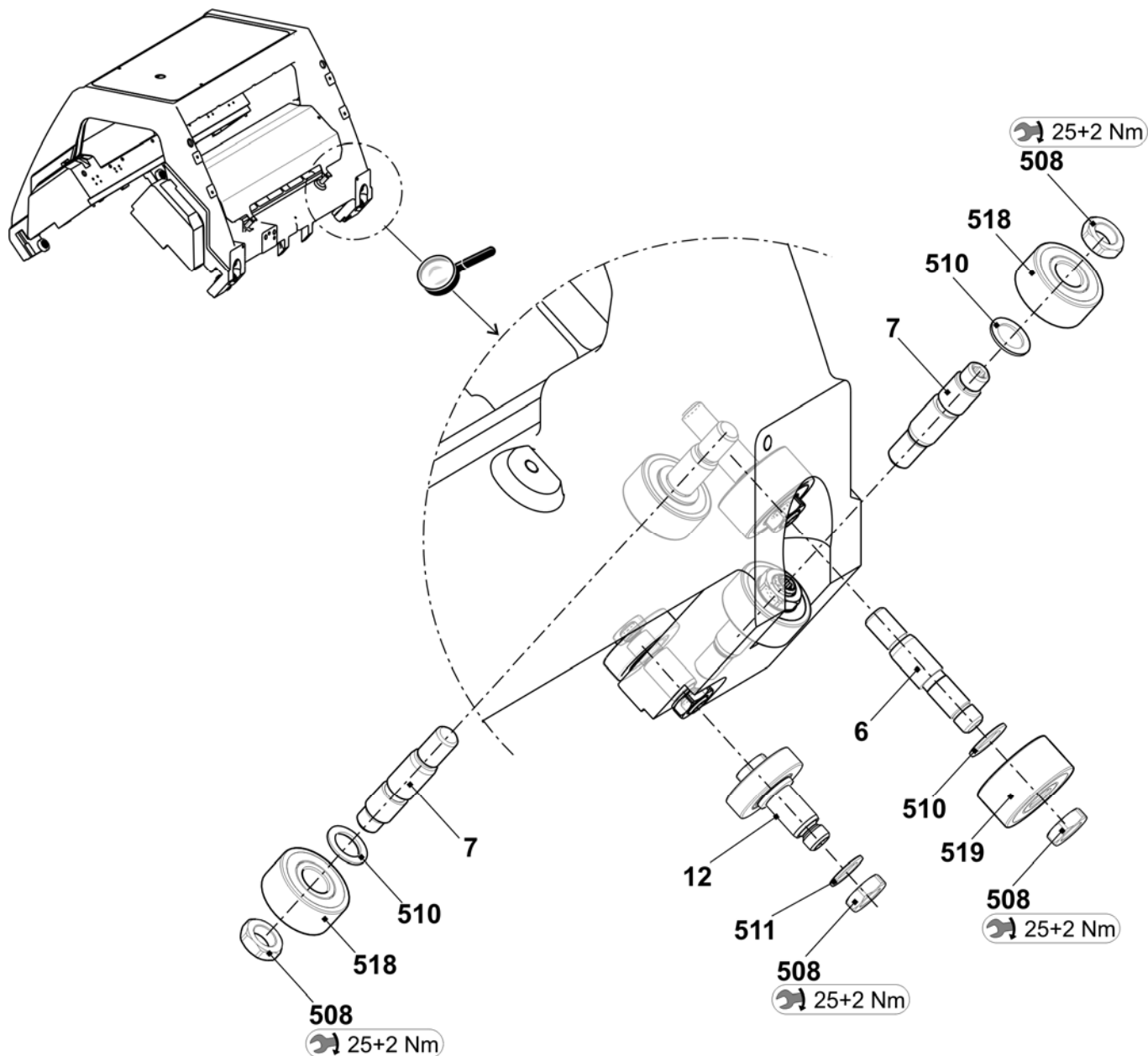
Carriage assembly

Pos	Designation	ID	Pos	Designation	ID
Σ	Carriage assembly 3 cam boxes C	244 343			
1	Carriage frame 3 cam boxes C	244 318	10	Bush	209 274
2	Carriage part 3 cam boxes C	242 697	11	Eccentric	222 983
3	Carriage cover at the top, 4 cam boxes	251 195	13	Fixing bolt linking spot	244 179
4	Shim	225 312	500	Cap screw M8X30	020 143
5	Shoulder screw	211 750	514	Setting pin 5x14	020 670
8	Bush	207 546	515	Threaded bushing	041 863
9	Bush	209 275	520	Circlip 6	021 022



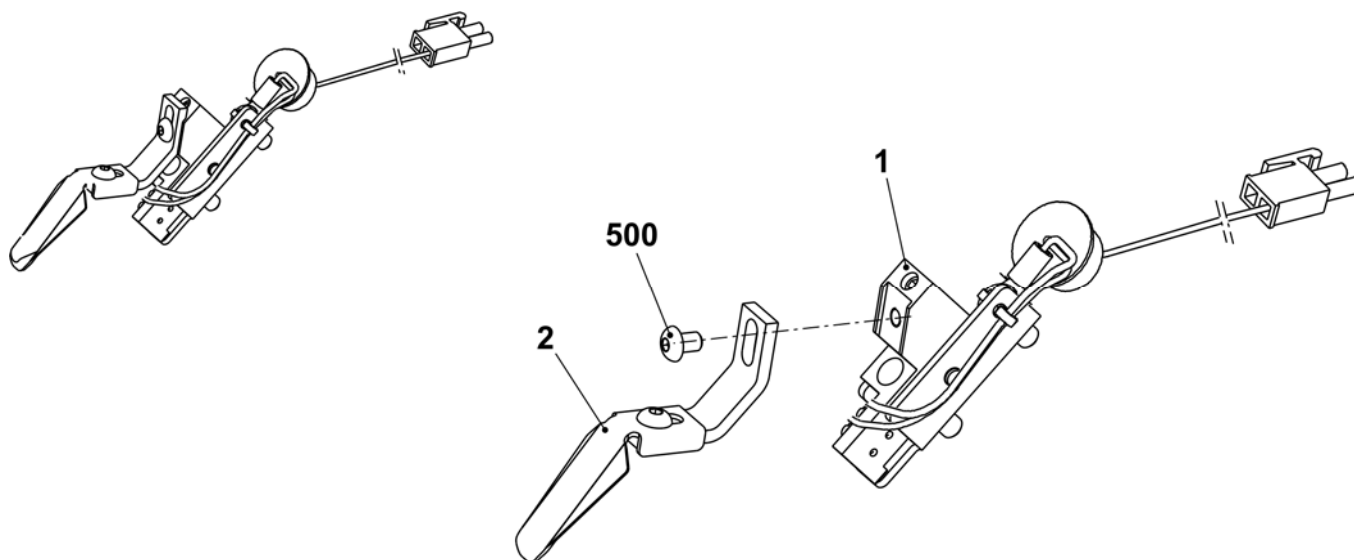
Carriage guide

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	Ball bearing 62201-2RS	241 408
508	Nut M10	023 316	519	Ball bearing 62300-2RS1	242 070



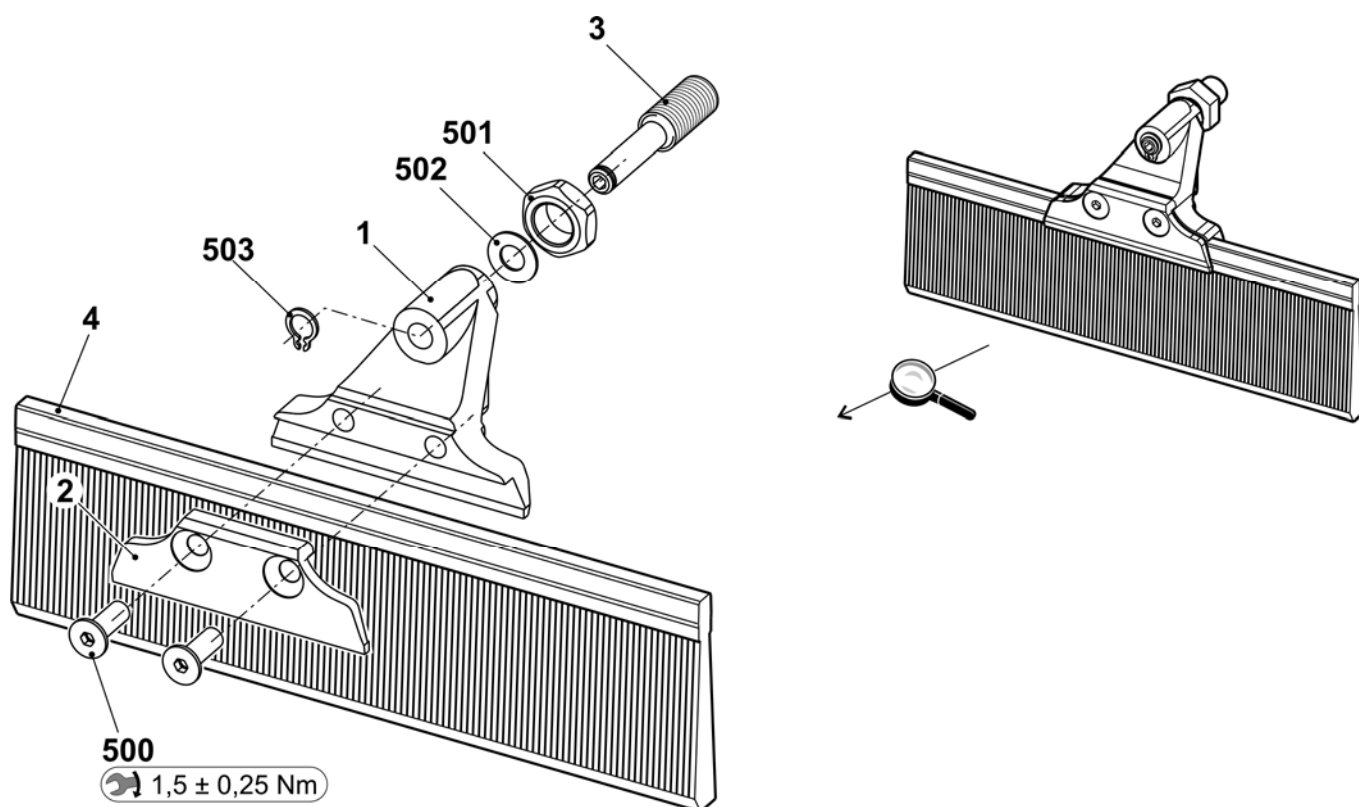
Needle detector

Pos	Designation	ID	Pos	Designation	ID
Σ	Needle detector	237 675			
1	Needle detector pre-assembled	221 773	500	Oval head screw M4x6	023 427
2	Sensor pre-assembled	237 674			



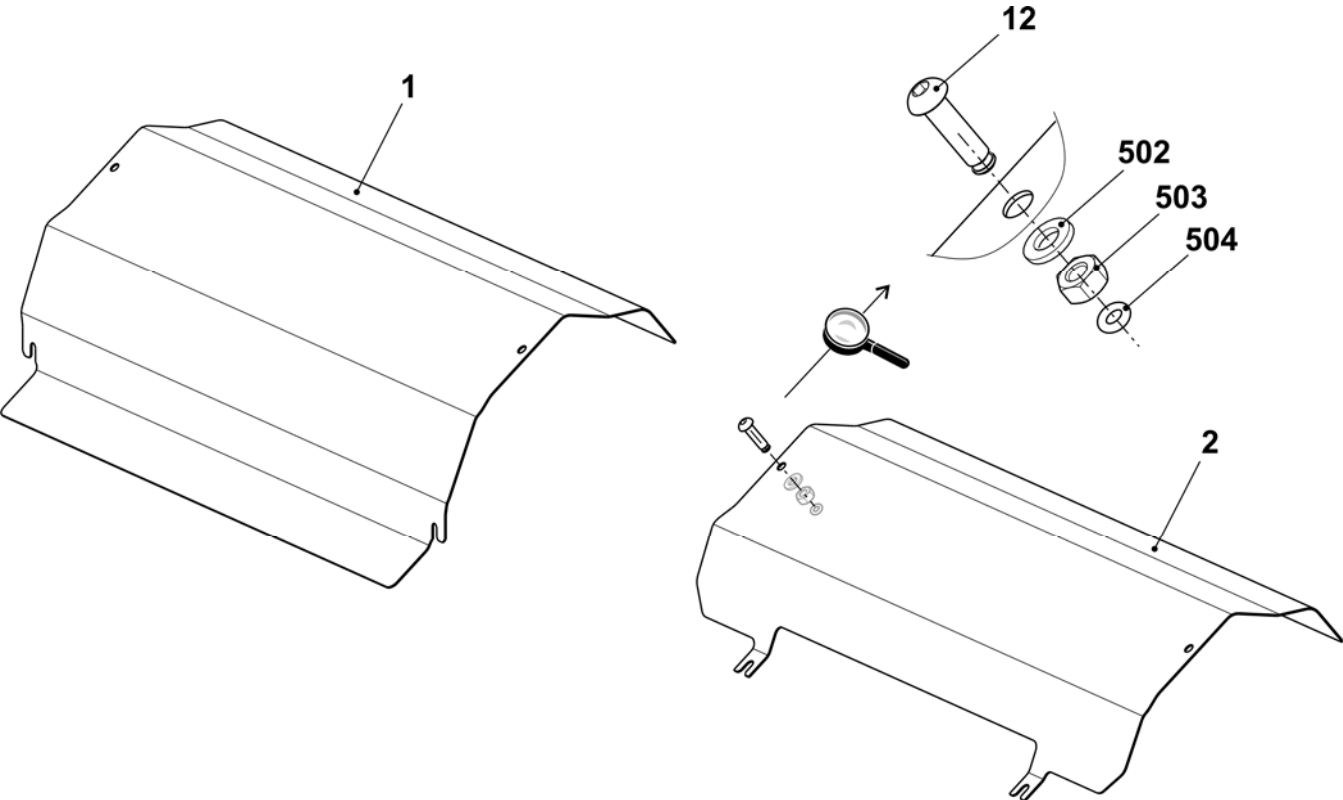
Brush holder

Pos	Designation	ID	Pos	Designation	ID
Σ	Brush holder complete E3-4	214 710			
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
4	Needle brush E2-4	061 407	503	Locking ring 5x0.6	023 347



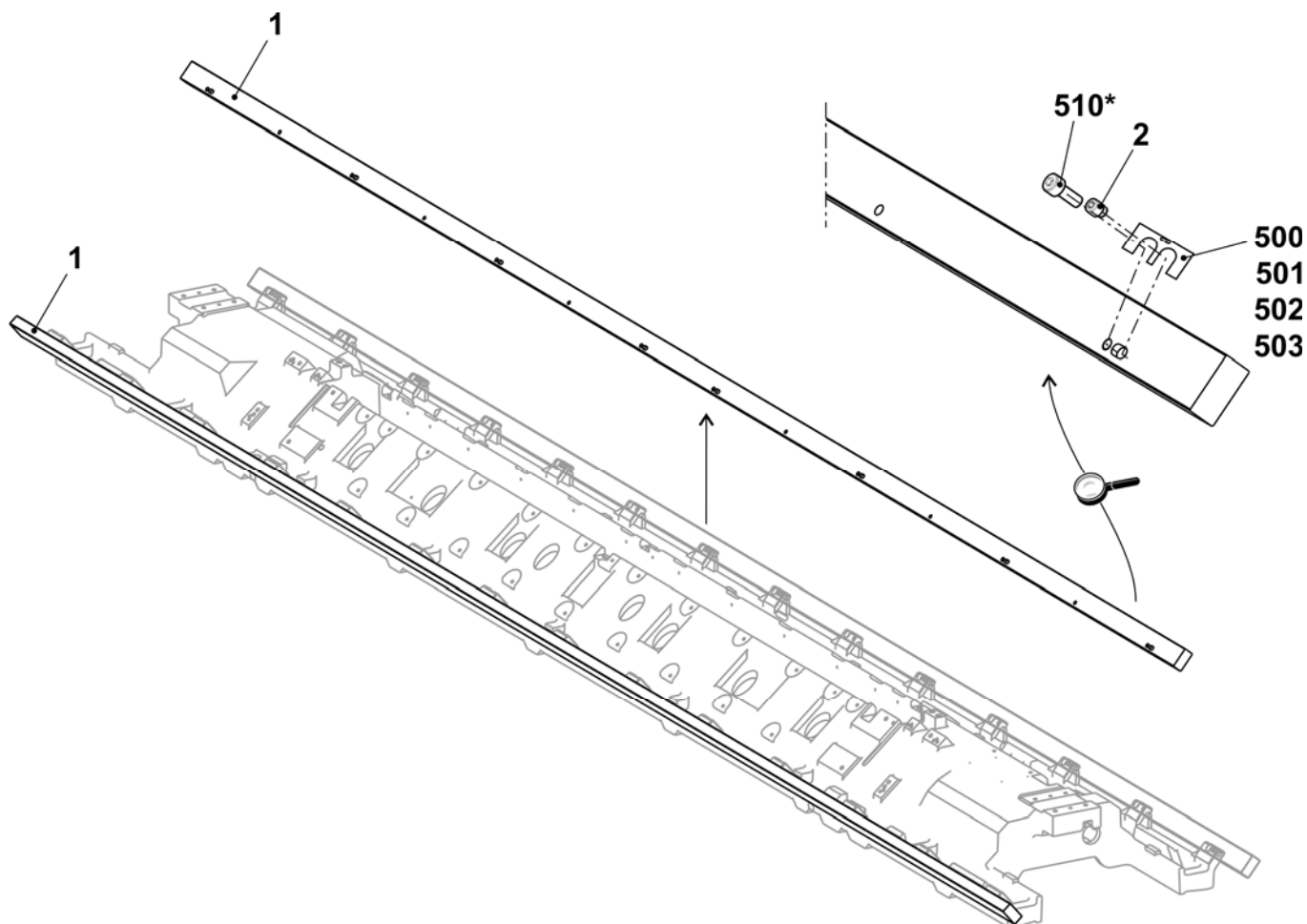
Carriage cover

Pos	Designation	ID	Pos	Designation	ID
1	Carriage cover at the front 3 cam boxes	251 205	502	Serrated lock washer 6.4	022 385
2	Carriage cover at the rear 3 cam boxes	251 206	503	Hexagon nut M6	022 899
12	Fixing bolt	242 382	504	O-ring	242 420

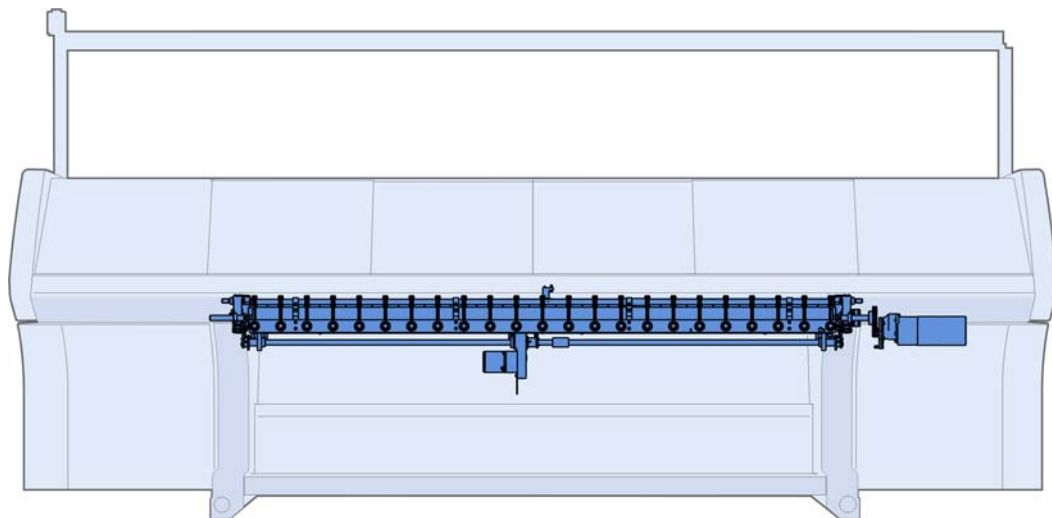


Spare parts package carriage guide bar

Pos	Designation	ID	Pos	Designation	ID
Σ	Spare parts package carriage guide bar 84"	252 993	501	Shim 0.05x22x42	243 291
1	Carriage guide bar	242 486	502	Shim 0.10x22x42	243 292
2	Adjusting eccentric	241 219	503	Shim 0.20x22x42	243 293
500	Shim 0.03x22x42	243 289	510*	Cap screw M8X20	020 141

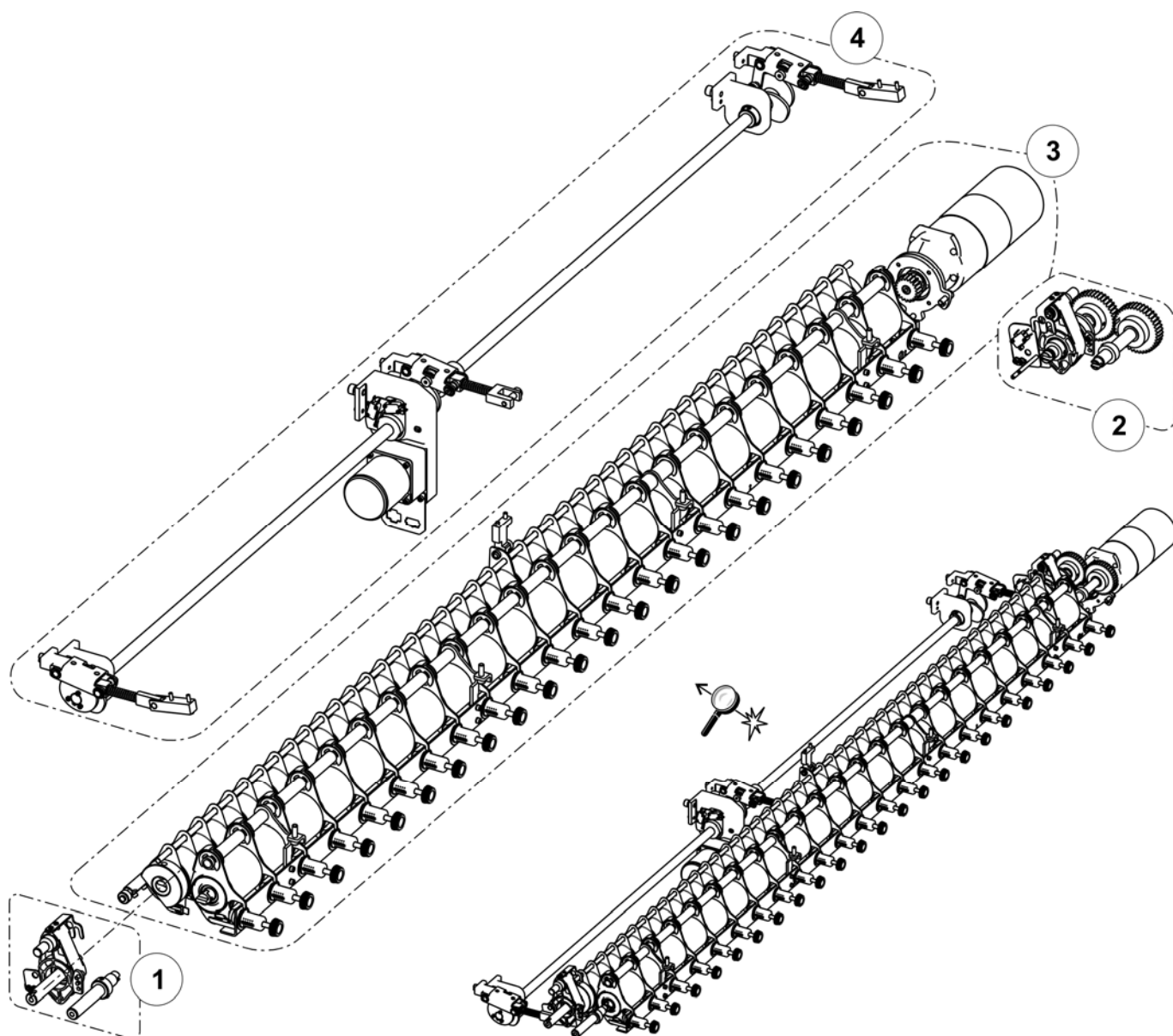


Main take-down



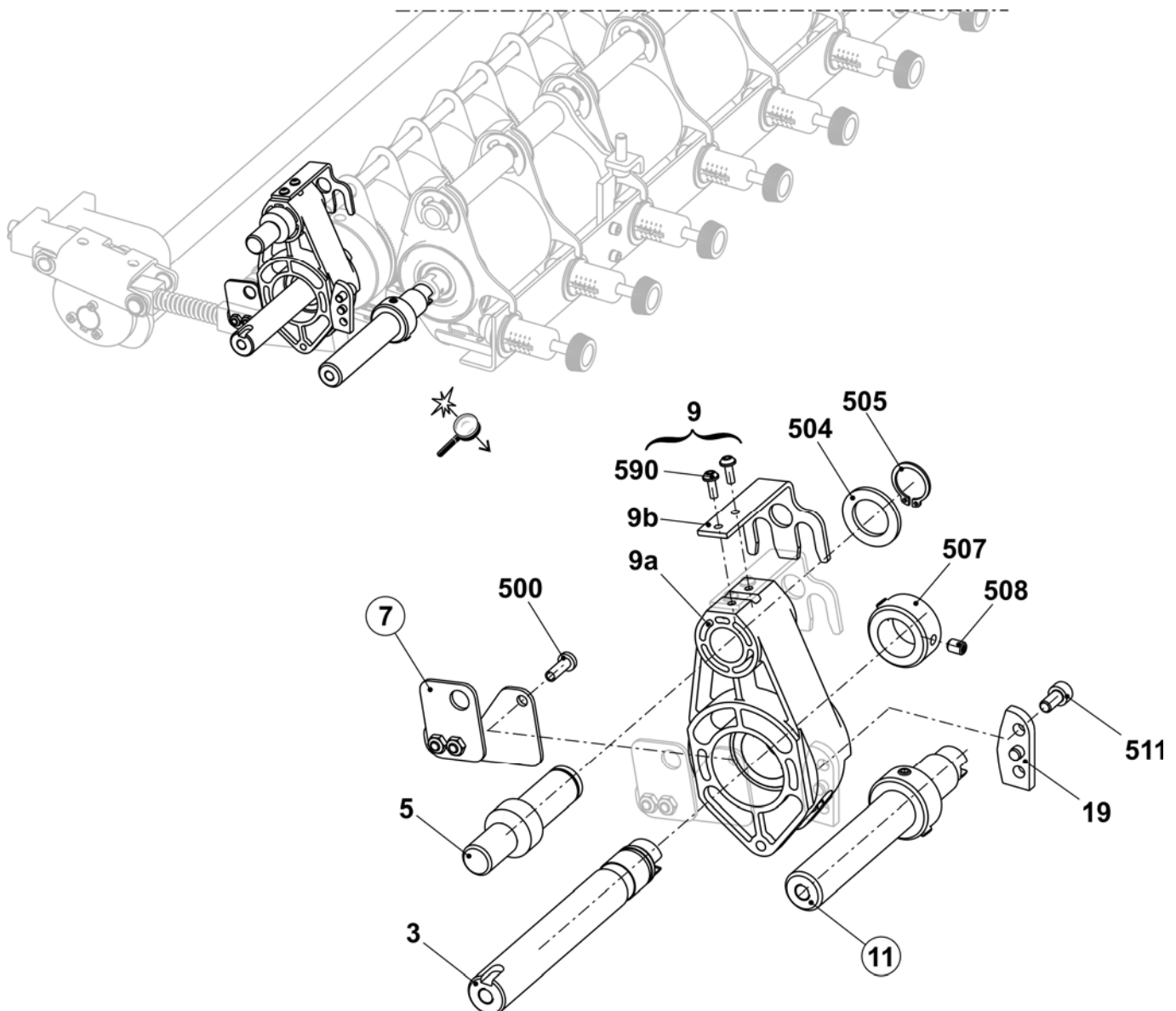
Main take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down				
1	Main take-down left	255 257	3	Main take-down in the middle E2,5.2	255 249
2	Main take-down right	255 258	4	Main take-down on/off complete 84"	253 387



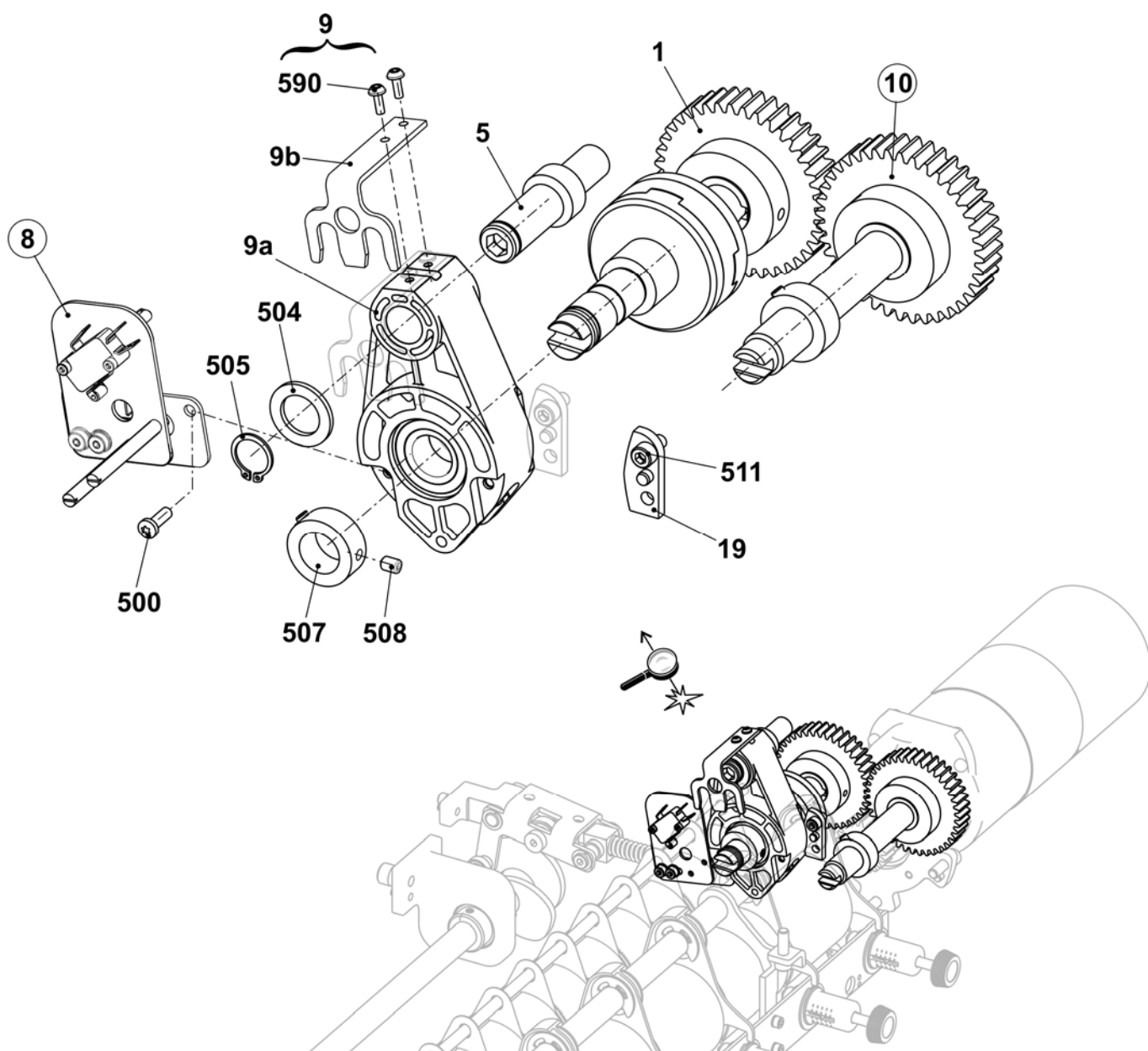
Main take-down left

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down left	255 257	11	Floating axle on the left	237 354
3	Shaft on the left at the rear	237 818	19	Stop point	252 503
5	Bolt	208 538	500	Screw 50x15	251 728
7	Mounting plate on the left complete	231 725	504	U-washer 18	023 295
9	Swivel-mounted bearing	253 247	505	Locking ring 18x1.2	020 955
	9a Swivel-mounted bearing	253 200	507	Set collar	020 938
	9b Sheet metal support	253 212	508	Set screw	022 684
	590 Screw 35x10	251 729	511	Cap screw M6x12	020 134



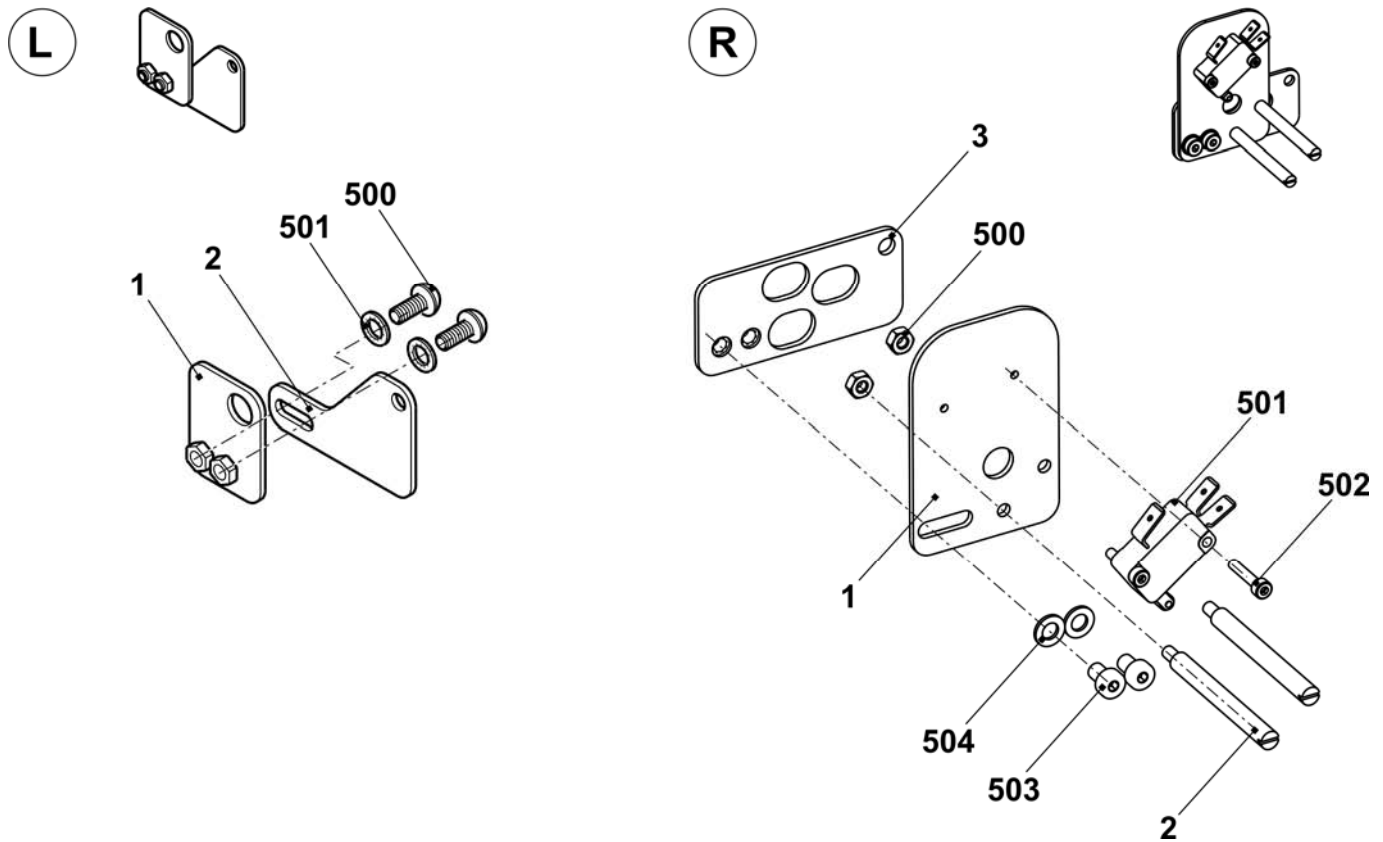
Main take-down right

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



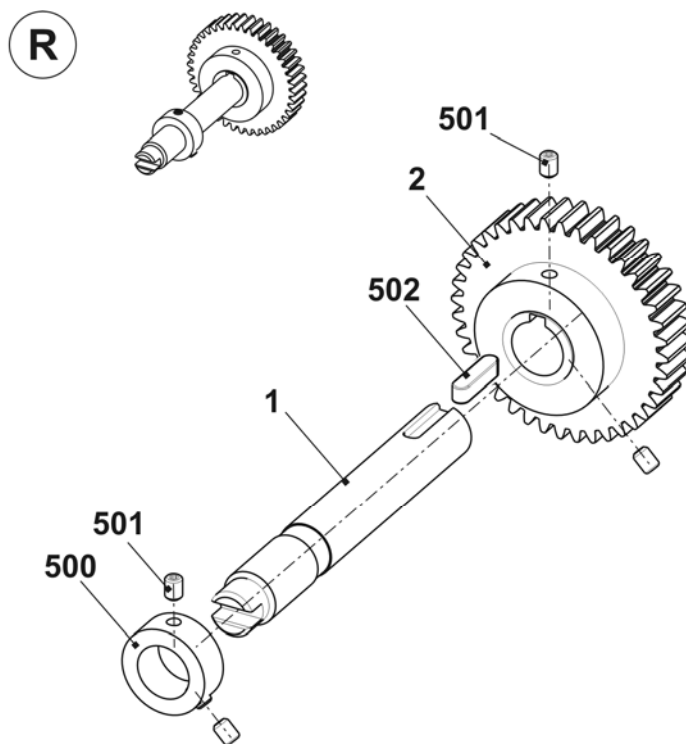
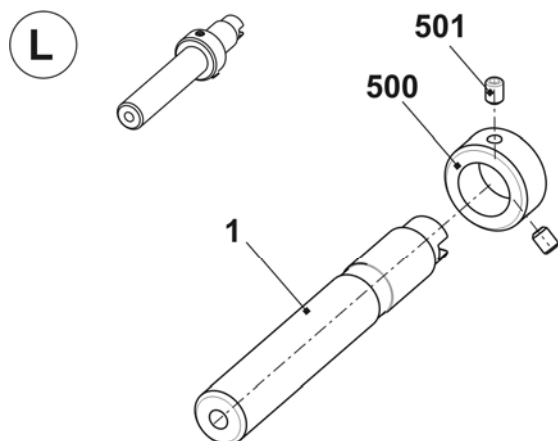
Mounting plate

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	Shoulder screw	240 067
500	Countersunk screw M5x10	023 247	3	Retaining plate on the right	240 066
501	Serrated lock washer J5.3	022 489	500	Hexagon nut M4-6	022 536
			501	Microswitch	026 259
			502	Cap screw M3x16	022 583
			503	Cap screw M5x8	244 278
			504	U-washer 5-200	020 871



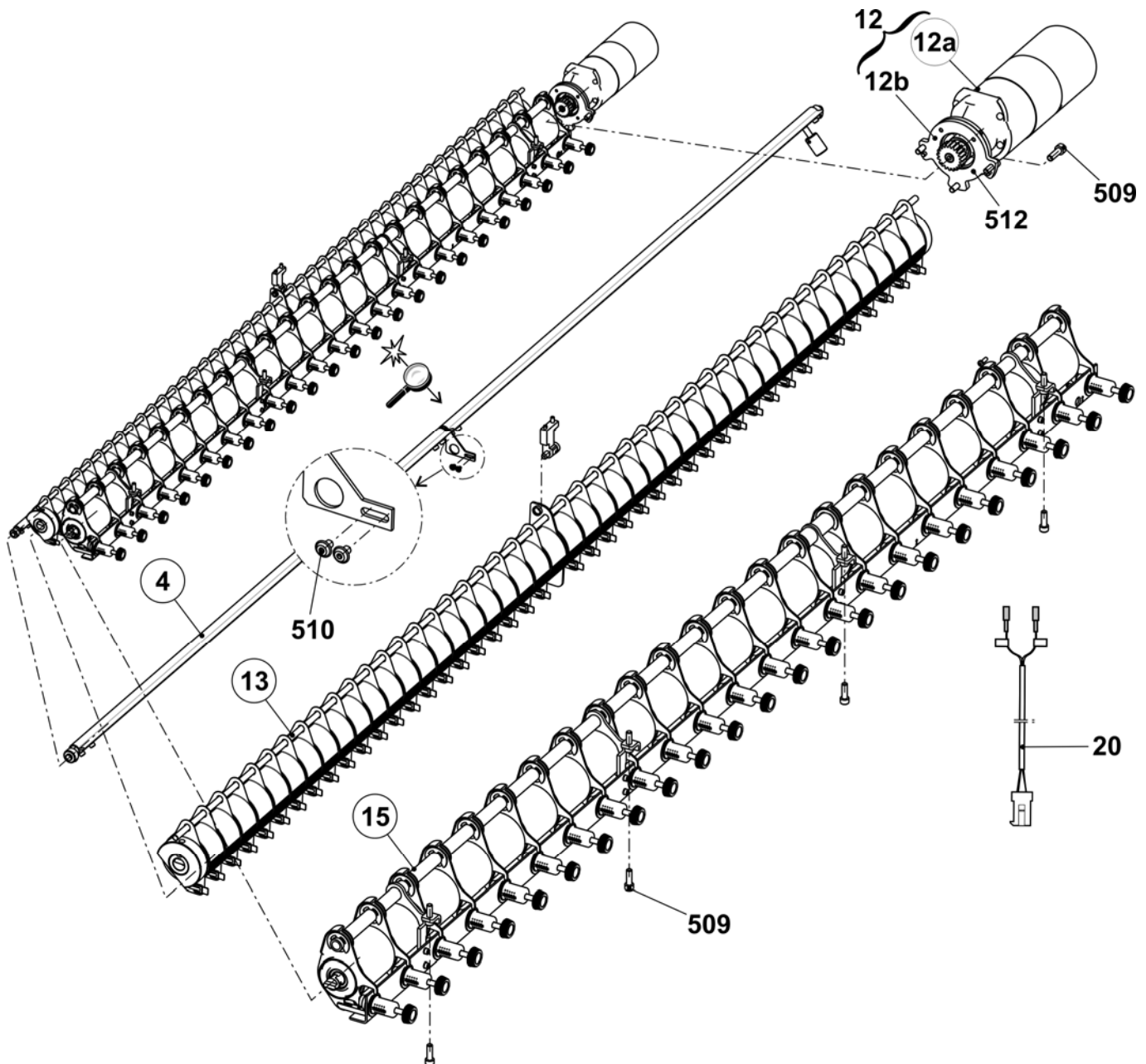
Floating axle

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



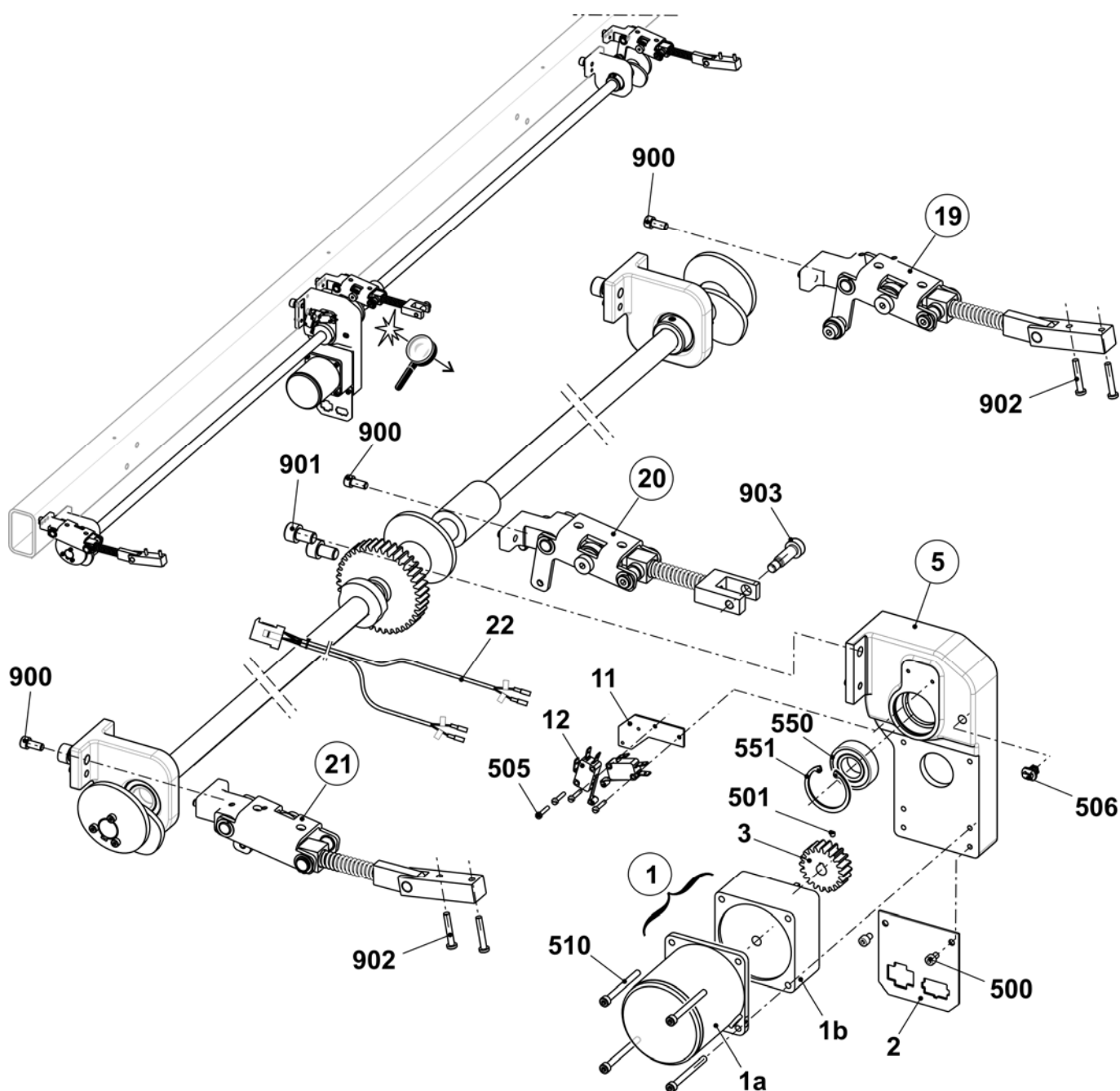
Main take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down in the middle		13	Take-down roller at the rear complete	
	E2,5.2	255 249		E2,5.2	243 810
4	Stripper angle at the rear complete	241 935	15	Take-down roller at the front complete	253 390
12	Motor take-down unit complete	253 803	20	Connection cable winding plate	241 703
12a	Motor take-down unit + comb	214 279	509	Cap screw M8X25	020 142
12b	Flange	241 754	510	Oval head screw M4x6	235 450
512	Hexagon screw M6X16	020 356			



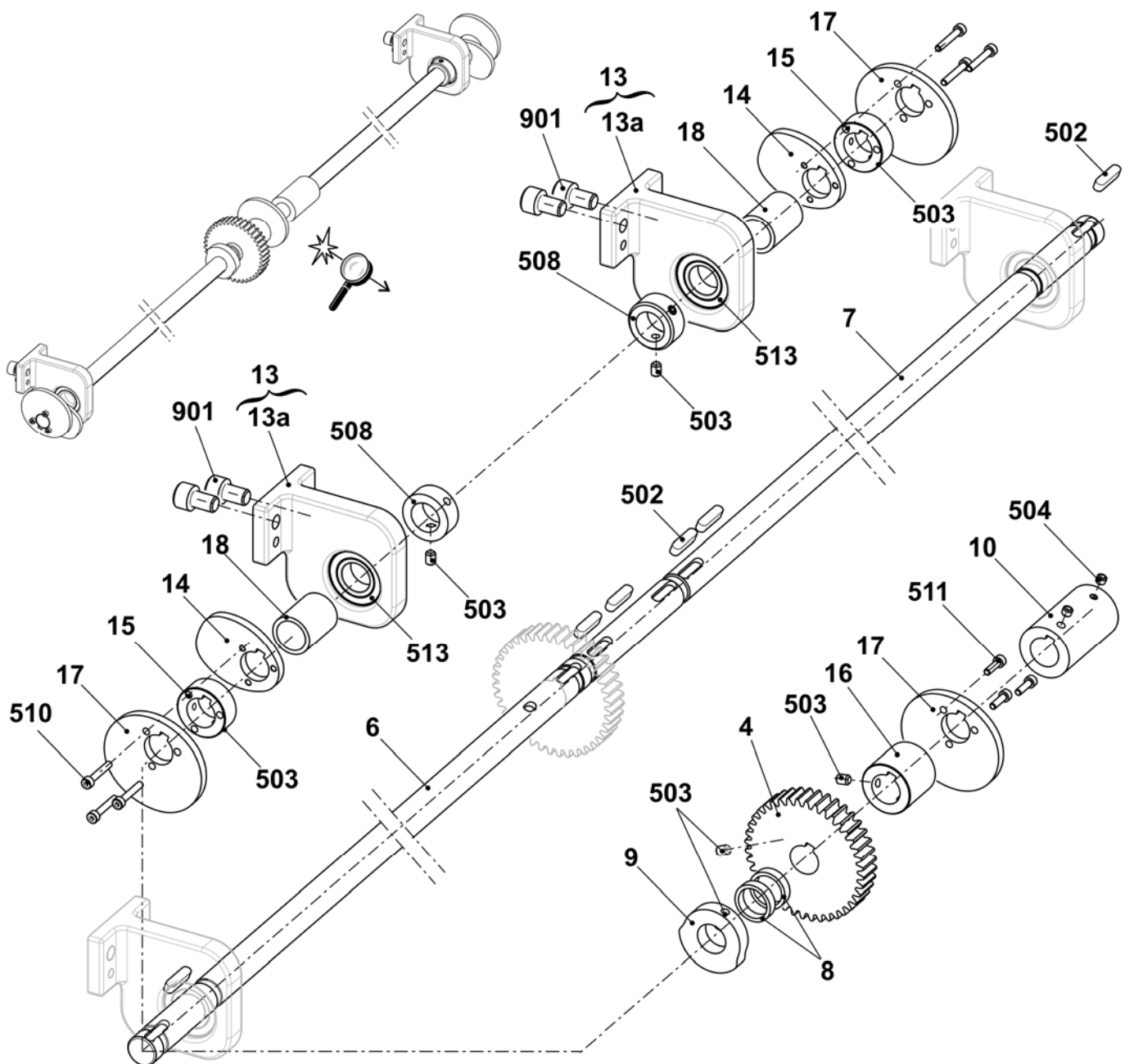
Take-down closing device

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down on/off complete	253 387	19	Swivel support on the right complete	253 389
1	Motor complete		20	Swivel holder on the left complete	253 388
1a	Motor 25W	232 456	21	Swivel holder in the middle complete	239 188
1b	Gear	234 983	22	Cable switch HAAB open	232 442
510	Cap screw M5x55	023 321	500	Cap screw M5x8	023 319
2	Sheet metal	232 992	501	Set screw M4x4	022 875
3	Gear wheel	232 434	505	Cap screw M3x15	020 009
5	Support in the middle complete		506	Assembling element	209 543
550	Deep groove ball bearing 6004-2Z	022 720	900	Cap screw M6x14	022 658
551	Locking ring 42x1.75	023 293	901	Cap screw M10x16	023 895
11	Retaining plate of limit switch	235 190	902	Srew M50x30	253 257
12	Microswitch XGK2-S21 250 VAC	210 510	903	Cap screw M10x25	023 751



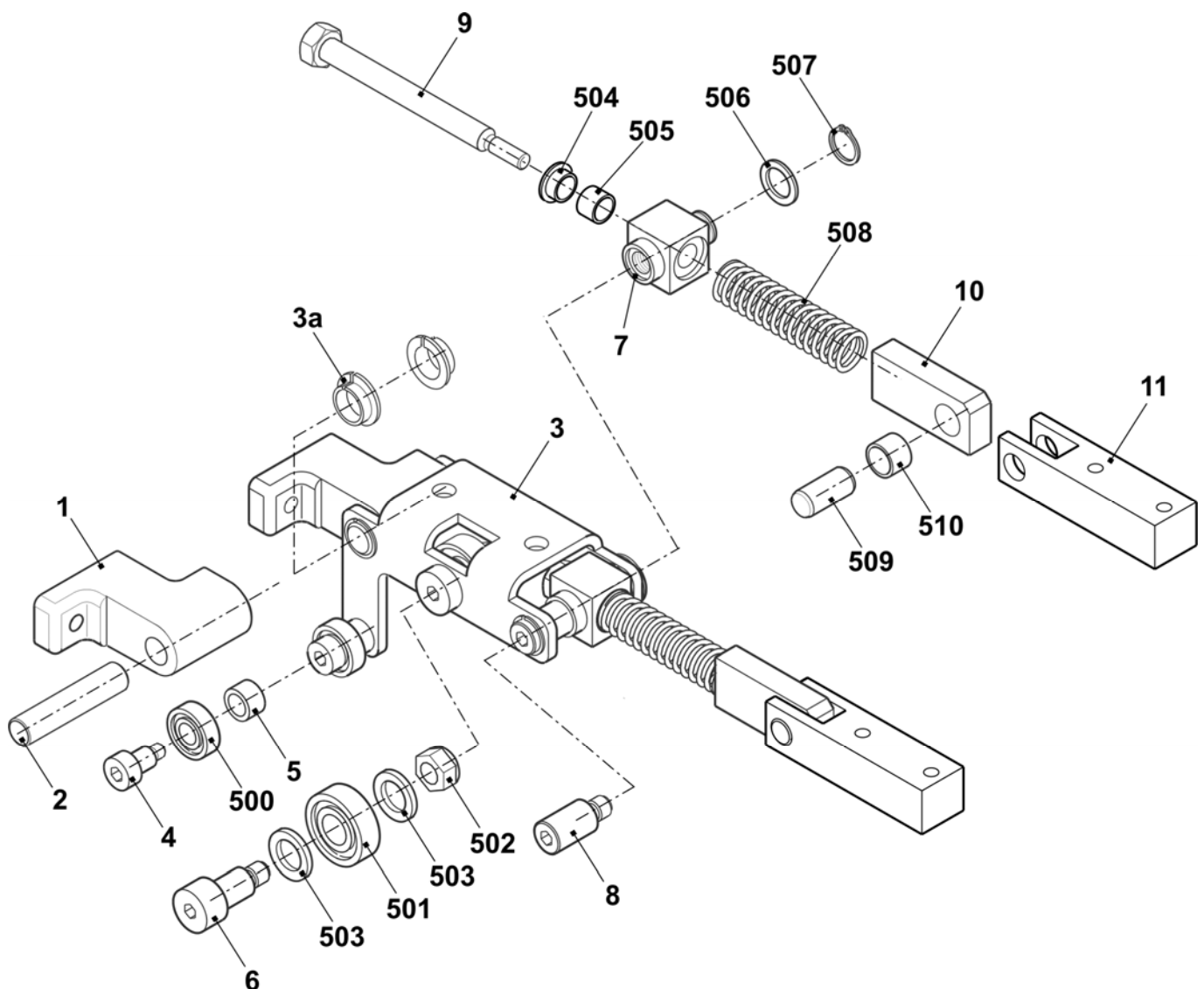
Continuation take-down closing device

Pos	Designation	ID	Pos	Designation	ID
Σ	Main take-down on/off complete	253 387	15	Guide bush	234 876
4	Gear wheel	213 744	16	Guide bush	235 623
6	Shaft	237 180	17	Eccentric	232 382
7	Shaft	237 181	18	Distance pipe	235 128
8	Spacer	232 385	502	Feather key A 6x6x25	023 017
9	Trip cam	232 383	503	Set screw M6x8	023 723
10	Coupling	232 604	504	Set screw M6x5	023 192
13	Support on the outside complete	235 248	508	Set collar A20	020 938
13a	Support	234 780	510	Cap screw M4x25	023 302
513	Deep groove ball bearing 6004-2Z	022 720	511	Cap screw M4x14	023 604
14	Eccentric	235 135	901	Cap screw M10x16	023 895



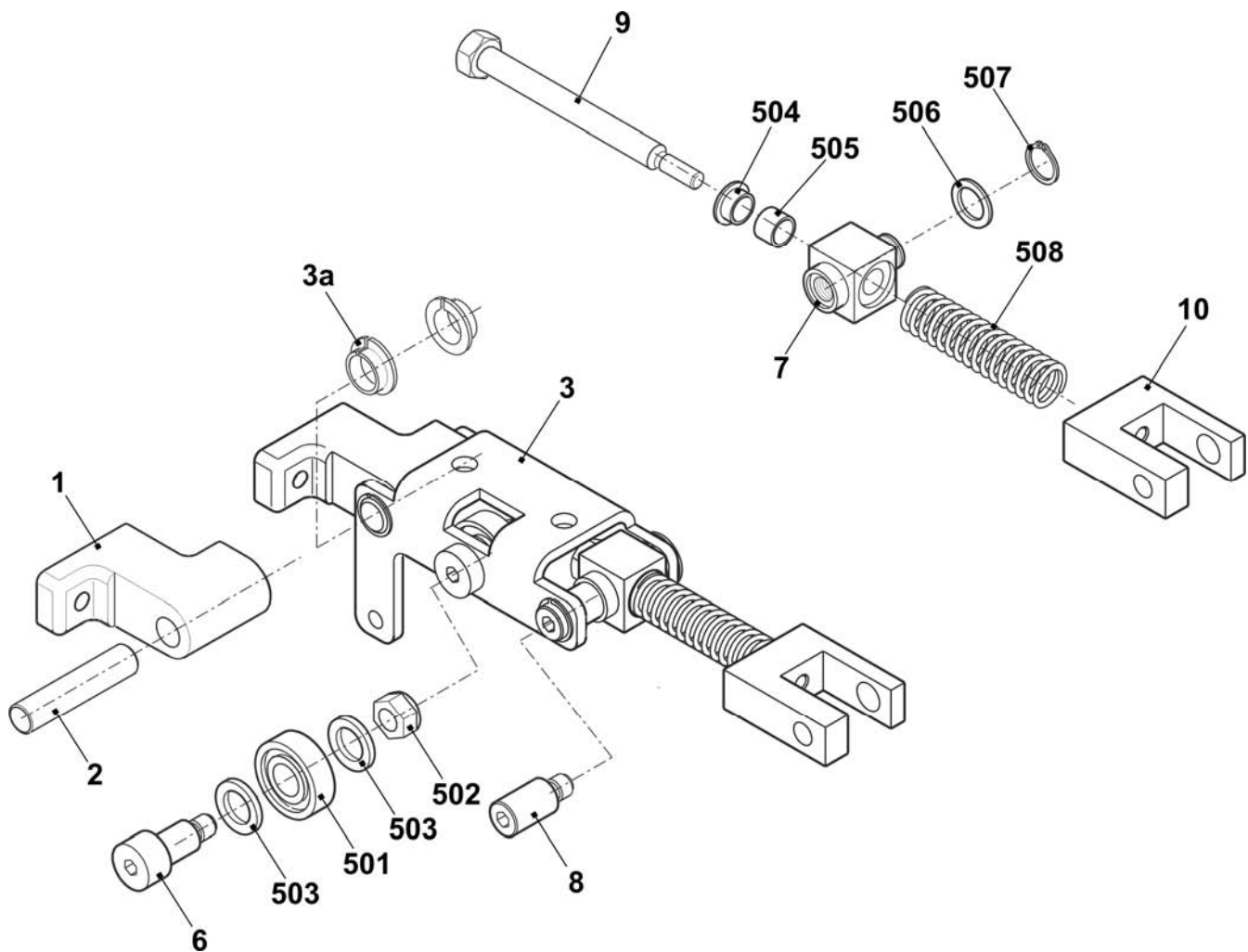
Right swivel support

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel support on the right complete	253 389	11	Lever	253 199
1	Support	239 163	500	Deep groove ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Deep groove ball bearing 6000-2Z	022 599
3	Bow	238 974	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Adjusting washer 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Distance bush	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Locking ring 12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2.5x12.5x67.5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178



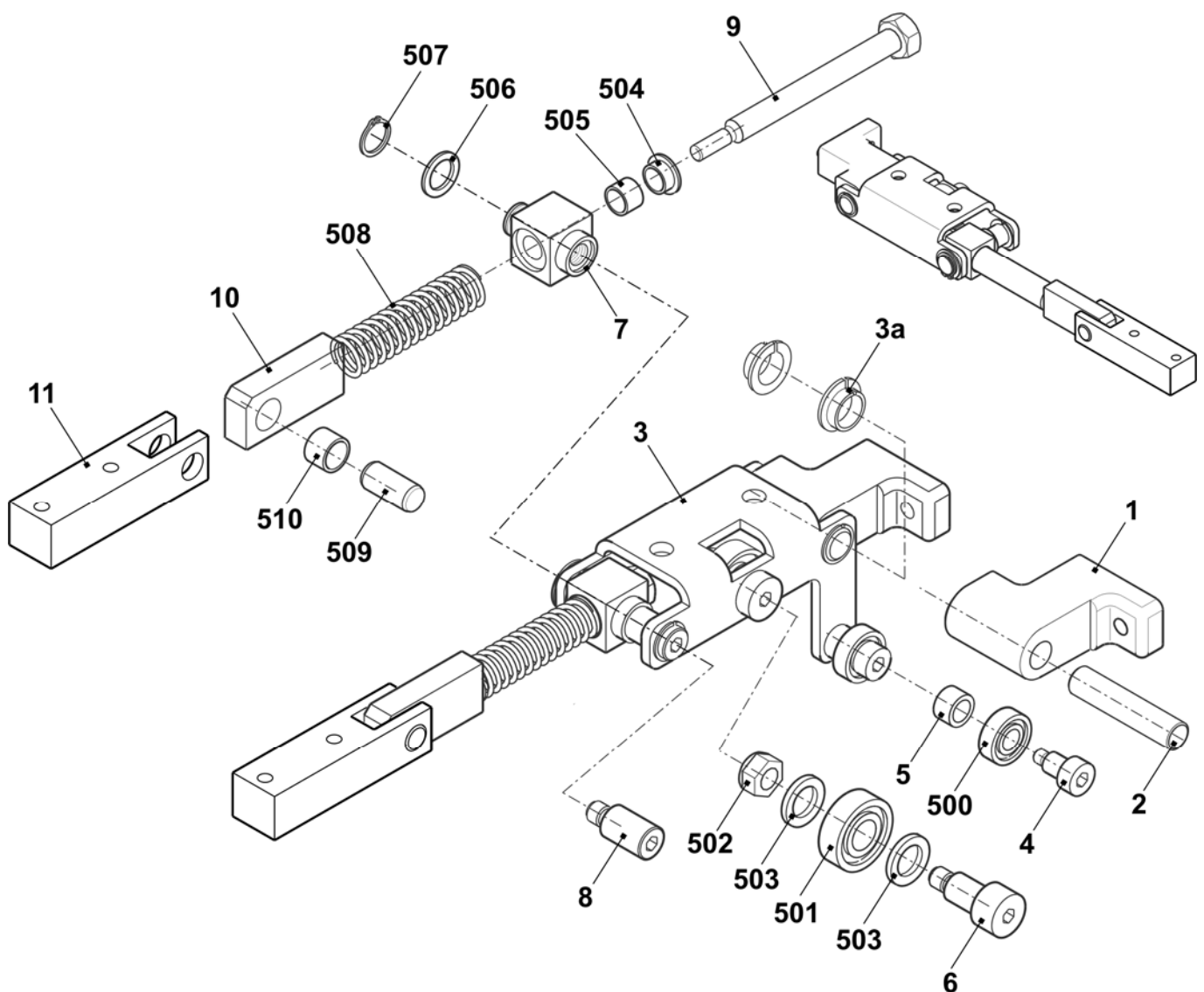
Swivel holder in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel holder in the middle complete	239 188	10	Angle	238 778
1	Support	239 163	501	Deep groove ball bearing 6000-2Z	022 599
2	Bearing pin	239 164	502	Hexagon nut M8-8	022 843
3	Bow	238 974	503	Adjusting washer 10x16x2	023 600
3a	Clip bearing 11-MCM-12-04	023 639	504	Slide bearing GFM-081014-06	023 358
6	Shoulder screw	239 132	505	Slide bearing GSM-0810-10	023 896
7	Swivel-mounted bearing	239 100	506	Shim ring 12x18x1	023 315
8	Bearing bolt	239 117	507	Locking ring 12x1	020 951
9	Spring mandrel on the inside	232 388	508	Compression spring 2.5x12.5x67.5	023 743

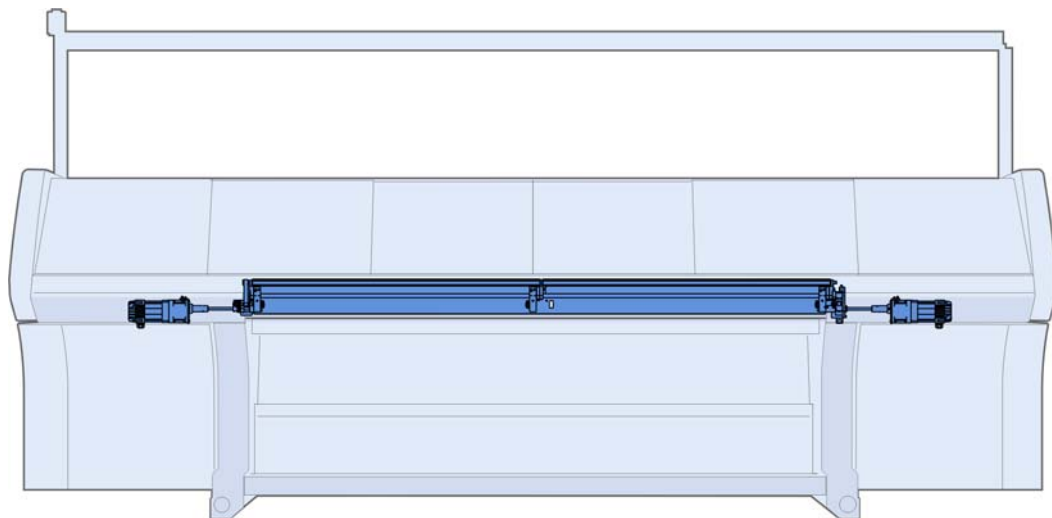


Left swivel holder

Pos	Designation	ID	Pos	Designation	ID
Σ	Swivel holder on the left complete	253 388	11	Lever	253 199
1	Support	239 163	500	Deep groove ball bearing 619/8-2RS	023 728
2	Bearing pin	239 164	501	Deep groove ball bearing 6000-2Z	022 599
3	Bow on the left	239 184	502	Hexagon nut M8-8	022 843
3a	Clip bearing 11-MCM-12-04	023 639	503	Adjusting washer 10x16x2	023 600
4	Shoulder screw	239 133	504	Slide bearing GFM-081014-06	023 358
5	Spacer	239 134	505	Slide bearing GSM-0810-10	023 896
6	Shoulder screw	239 132	506	Shim ring 12x18x1	023 315
7	Swivel-mounted bearing	239 100	507	Locking ring 12x1	020 951
8	Bearing bolt	239 117	508	Compression spring 2.5x12.5x67.5	023 743
9	Spring mandrel on the inside	232 388	509	Dowel pin 10x20	023 616
10	Lever	238 370	510	Slide bearing GSM-1012-10	239 178

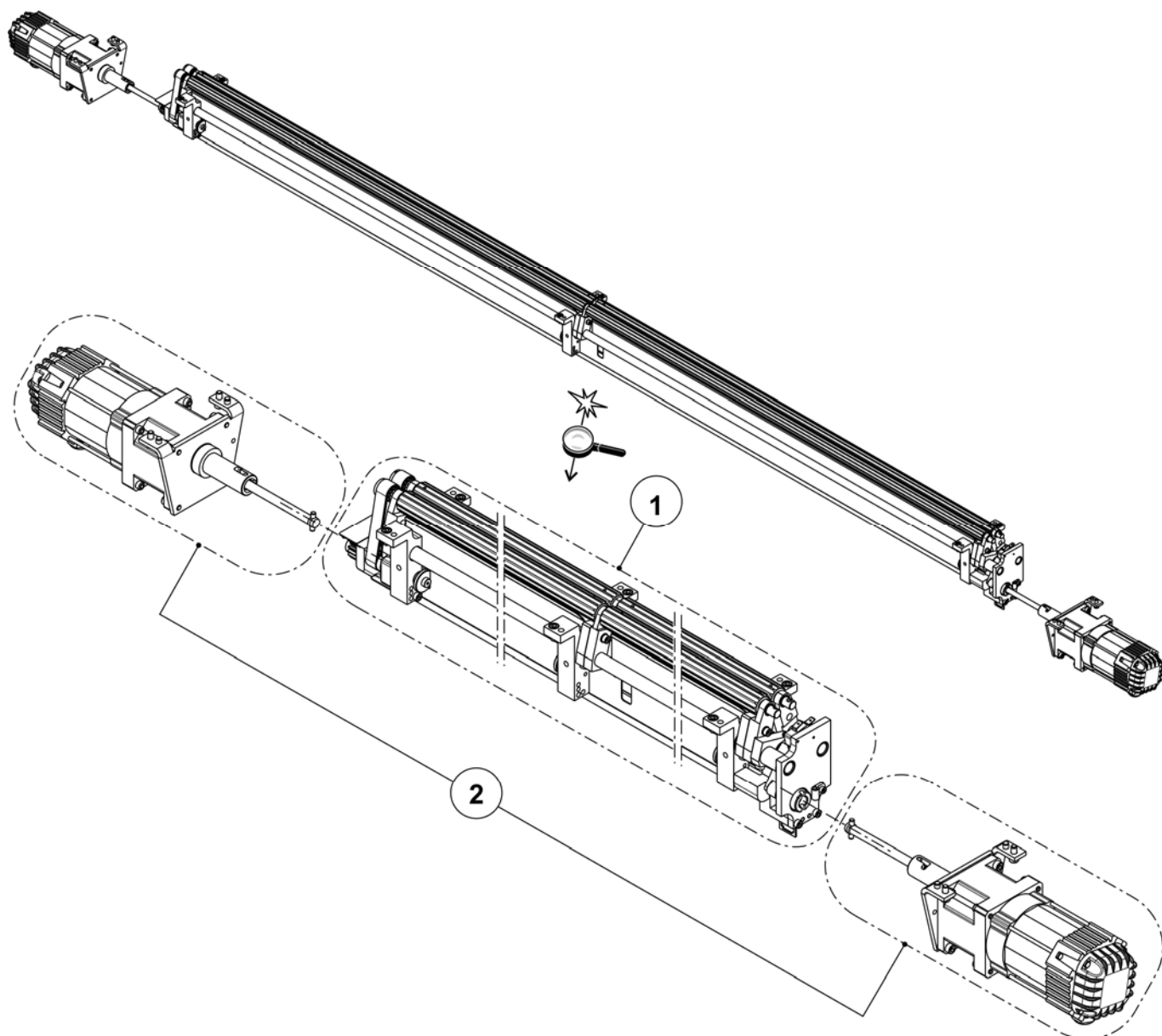


Auxiliary take-down



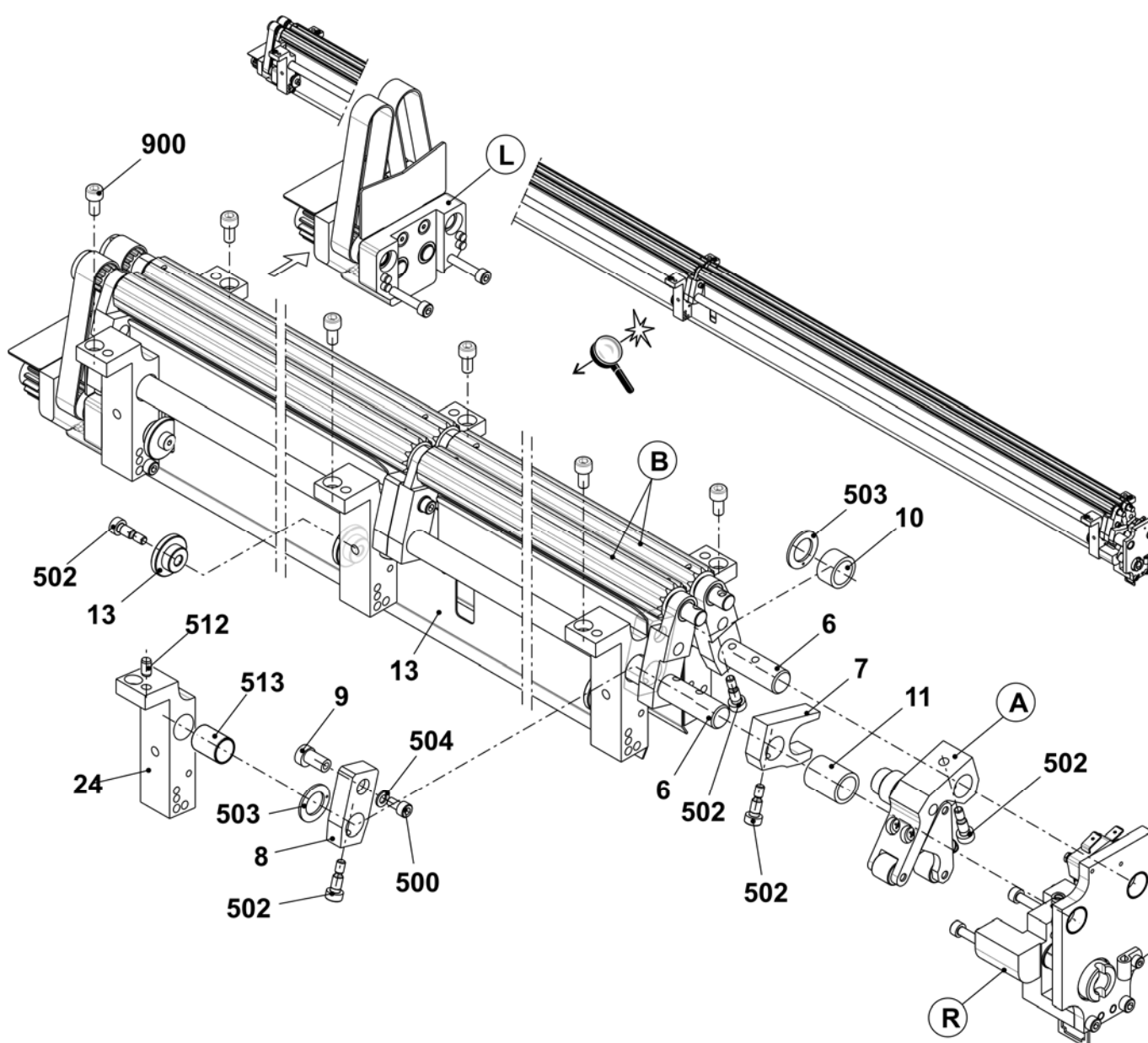
Auxiliary take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Auxiliary take-down				
1	Auxiliary take-down pre-assembled	254 974	2	Motor with 2 phases auxiliary take-down co.	235 602



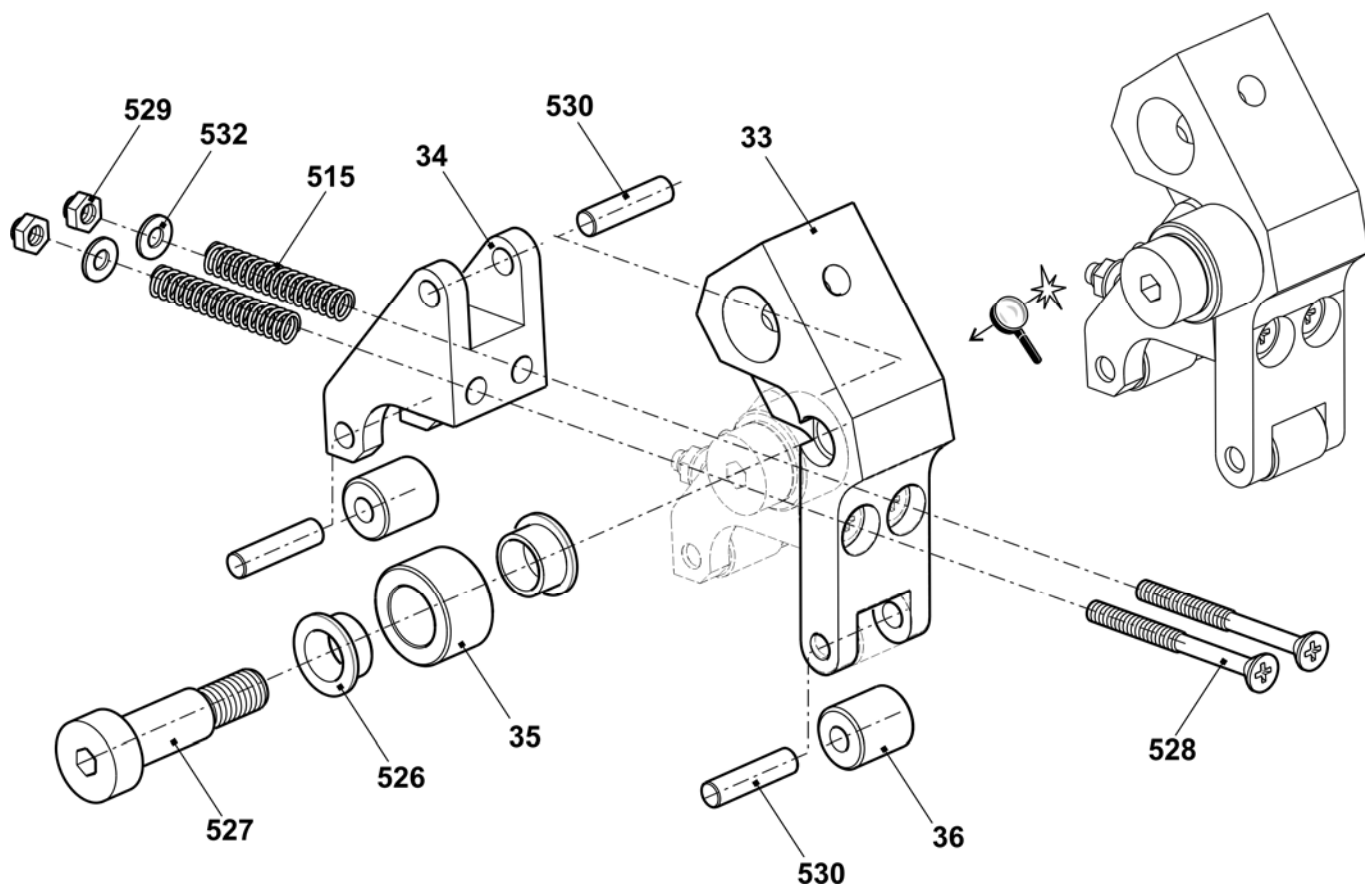
Auxiliary take-down pre-assembled

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



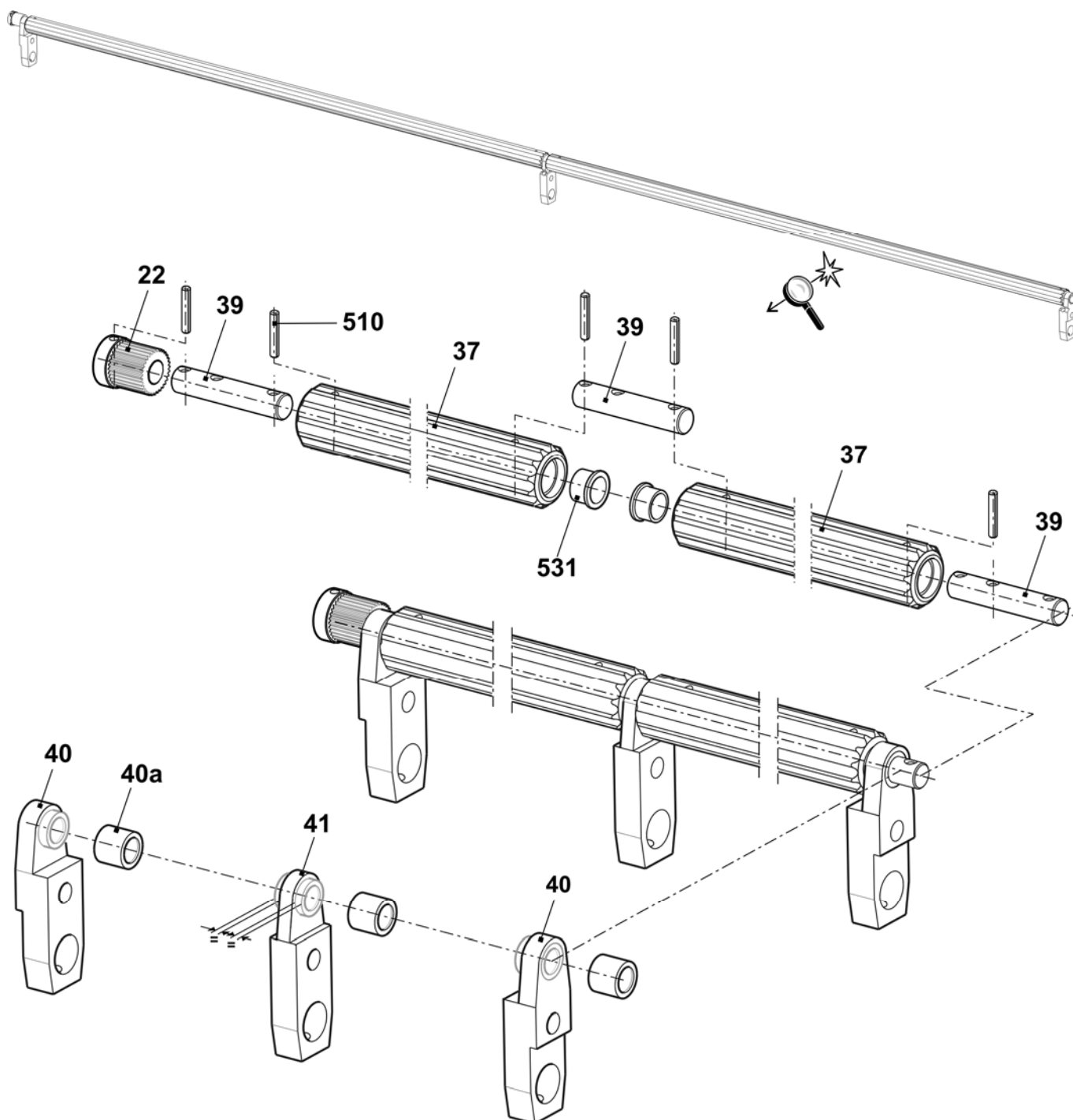
Contact lever

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



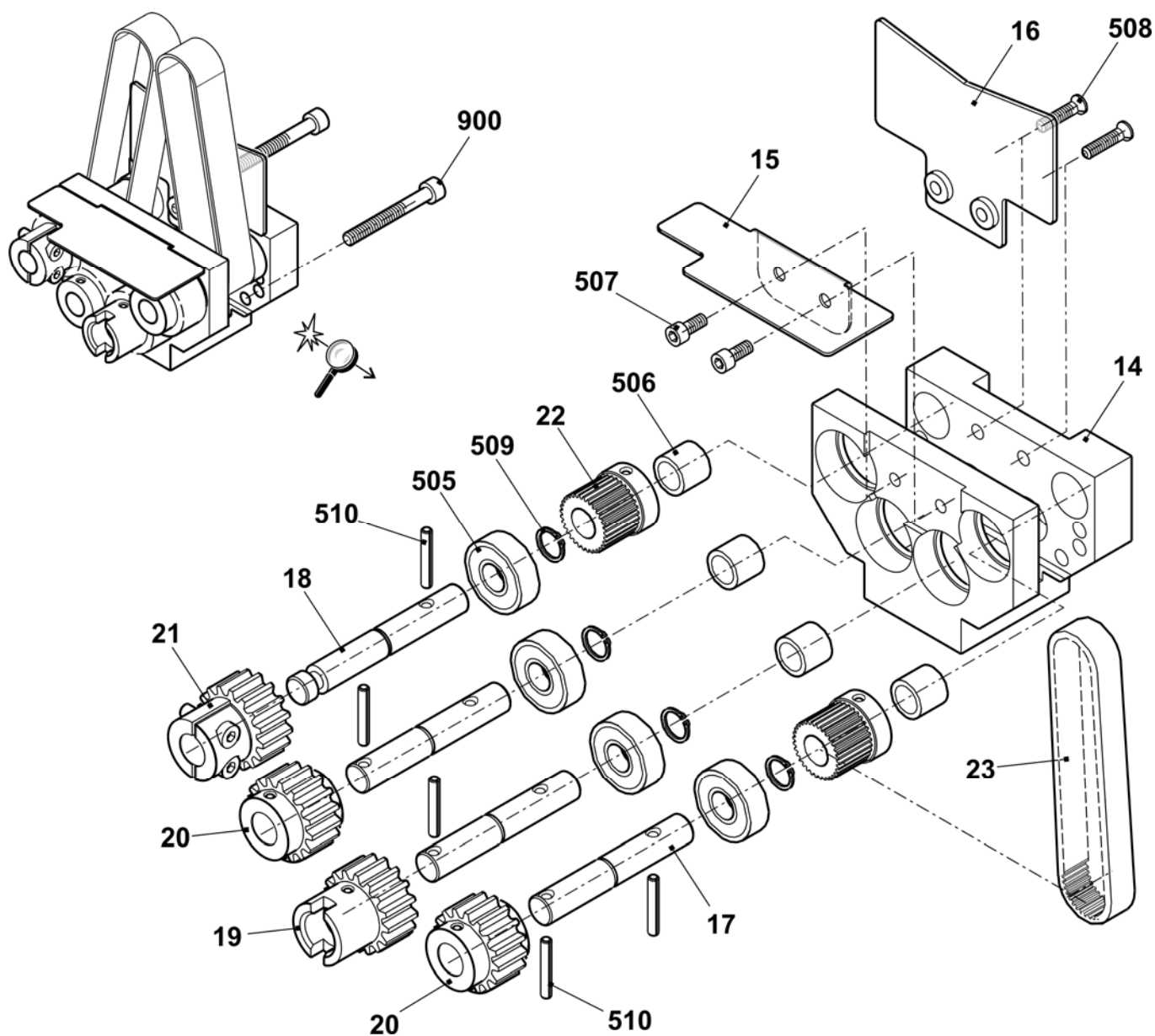
Take-down roller

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



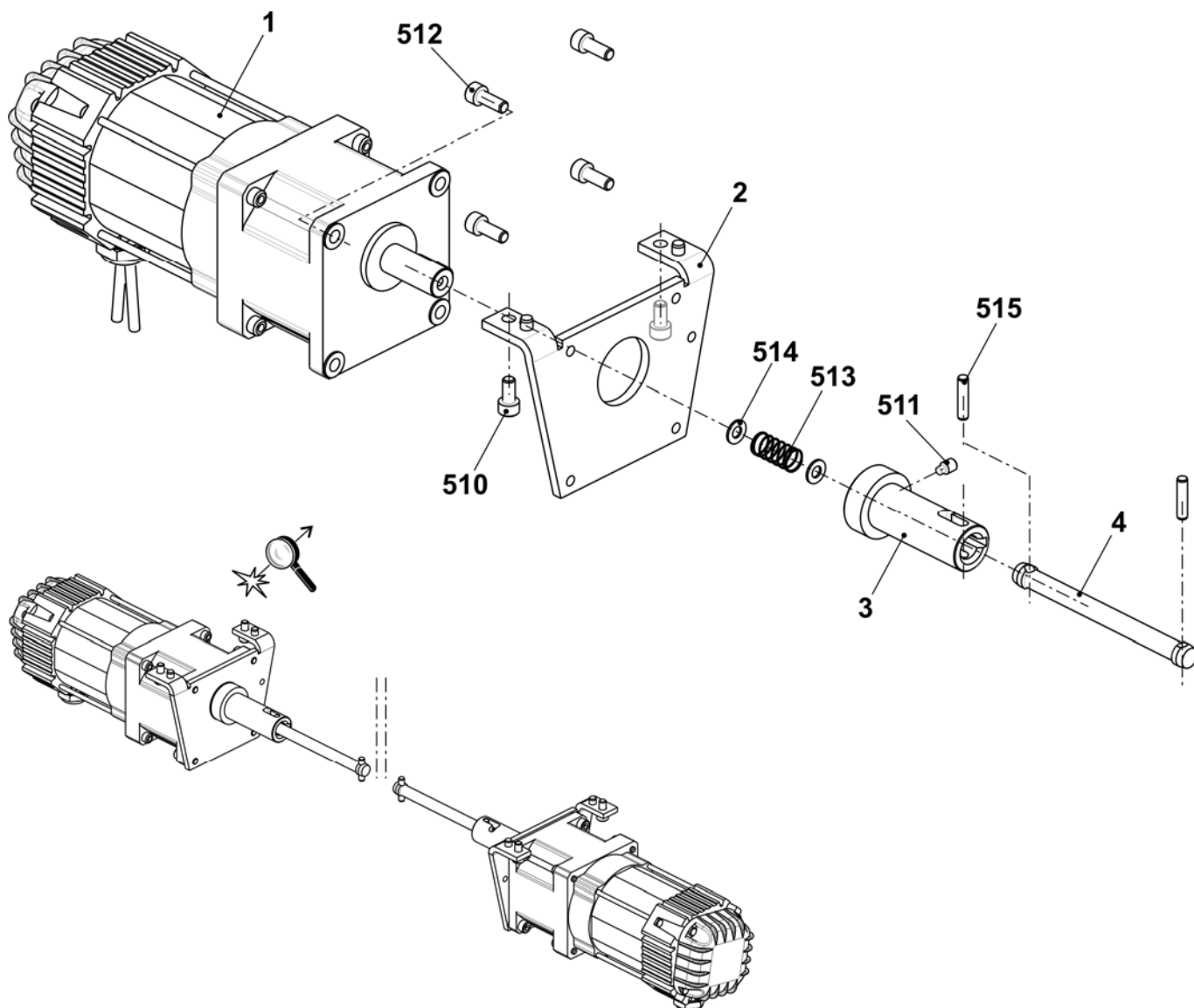
Left bearing of the auxiliary take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Bearing on the left	236 894	22	Timing belt pulley	237 043
14	Drive bearing	237 422	23	Toothed belt HPS5M NG CLEAN	237 118
15	Cover plate	236 970	505	Deep groove ball bearing 61900-2RS1	023 714
16	Cover plate	237 037	506	Needle roller bearing 10x14x10	023 664
17	Bolt	236 964	507	Cap screw M4x8	022 501
18	Bolt	236 963	508	Countersunk screw M4x12	023 062
19	Gear wheel	236 914	509	Locking ring 10x1	020 950
20	Gear wheel	236 916	510	Spring dowel sleeve 3x18	237 059
21	Gear wheel	236 917	900	Cap screw M5x35	022 879

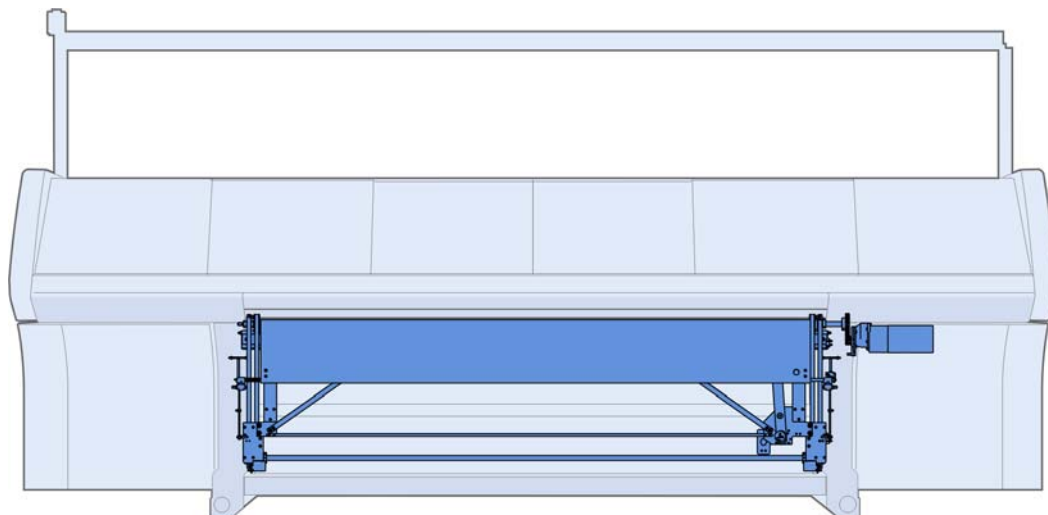


Motor

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor with 2 phases auxiliary take-down complete	235 602			
1	Motor 1.8NM 30MIN-1	234 805	511	Set screw M6x10	023 543
2	Motor bracket	235 276	512	Cap screw M6x16	020 135
3	Drive sleeve	235 285	513	Compression spring 0.63x10.97x40	023 500
4	Shaft	235 300	514	Adjusting washer 6x12x1	023 444
510	Cap screw M6x12	020 134	515	Dowel pin 5x22-A-ST	023 716

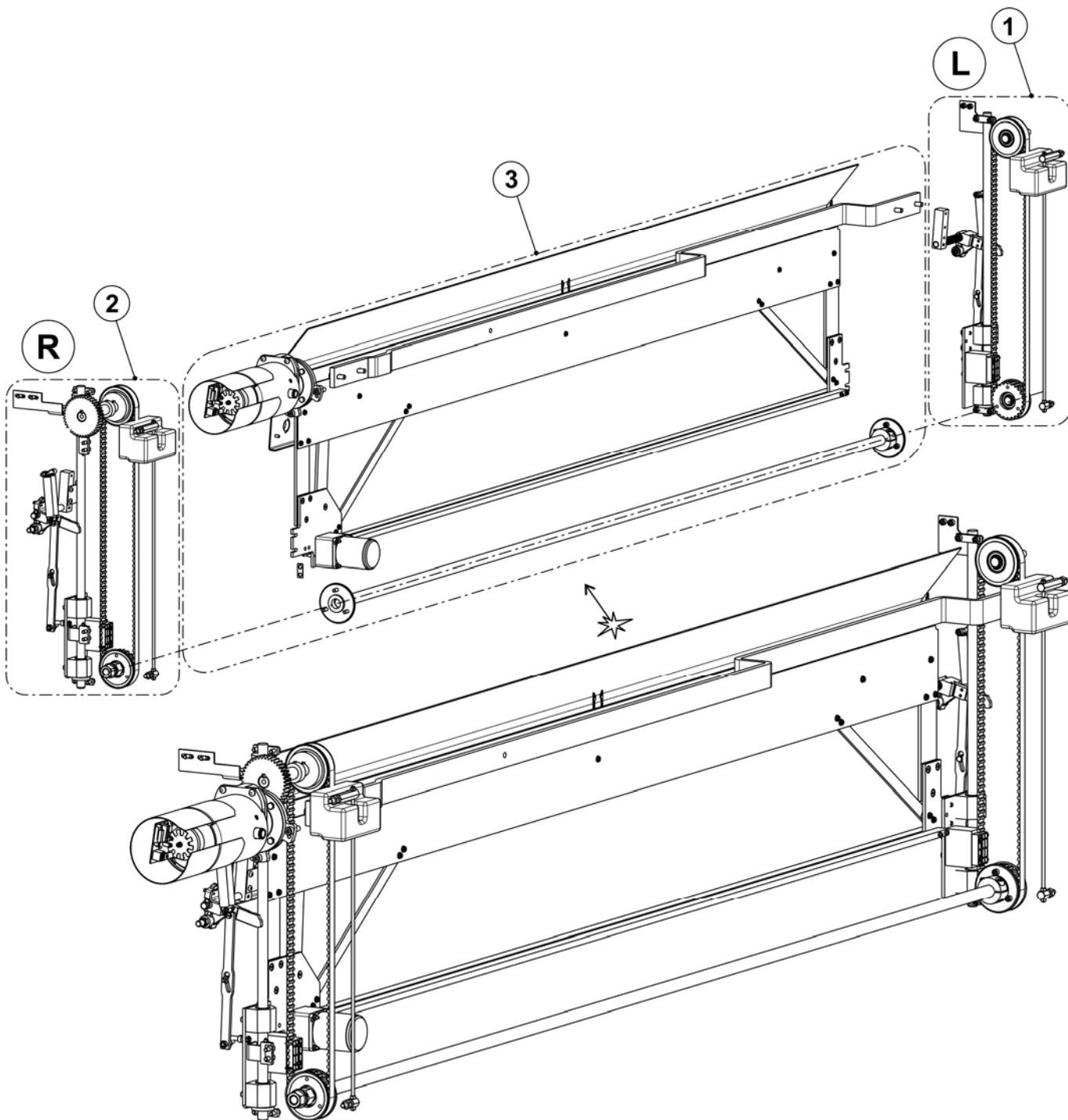


Comb take-down



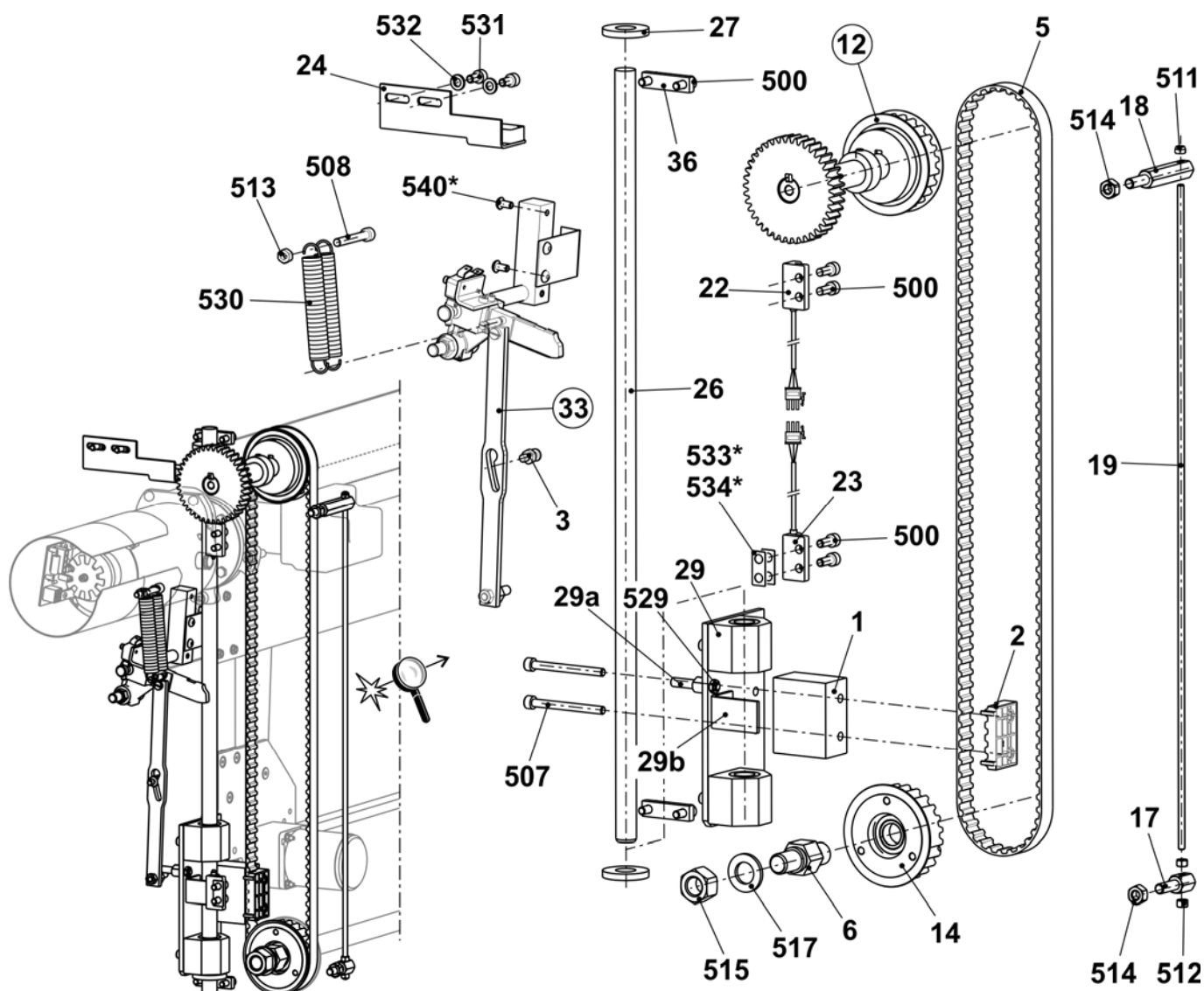
Comb take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down		2	Comb take-down right	255 266
1	Comb take-down left	255 265	3	Comb take-down in the middle E2,5.2	255 289



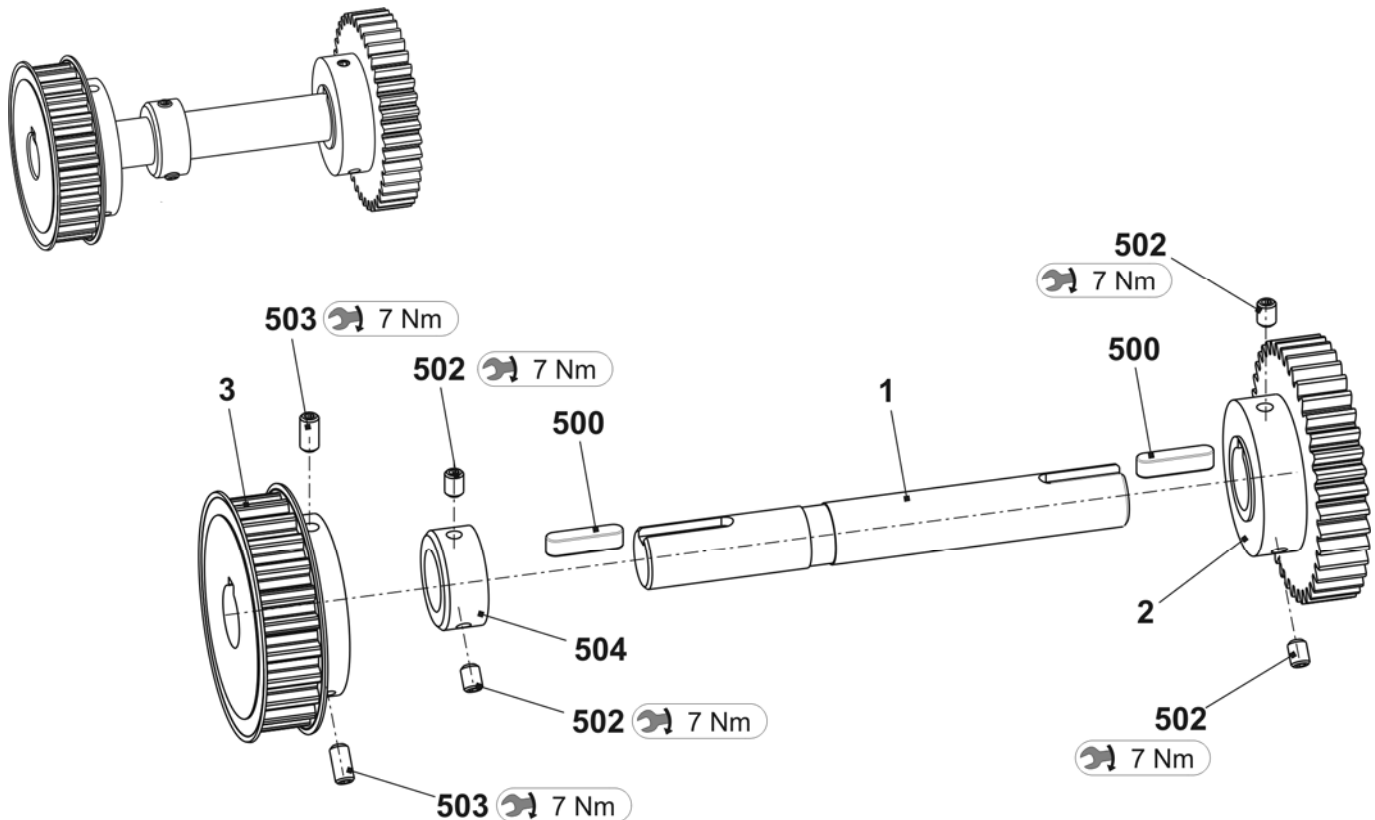
Comb take-down right

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down right	255 266			
1	Clamping part	209 379	529	Hexagon nut M8-6	020 838
2	Presser plate	241 967	33	Swivel lever on the right	252 858
3	Bolt	222 152	36	Clamping plate	227 159
5	Toothed belt 16T10/1300	240 065	500	Cap screw M6x16	020 135
6	Eccentric pin	222 320	507	Cap screw M6x65	240 162
12	Drive shaft comb complete	214 583	508	Cap screw M6x45	022 689
14	Timing belt pulley at the bottom complete	211 822	511	Hexagon nut M5-8	023 541
17	Stay bolt	222 315	512	Hexagon nut M5-6	020 835
18	Stay bolt	240 056	513	Hexagon nut M6-6	020 836
19	Threaded rod M5	240 057	514	Hexagon nut M8-6	020 838
22	Proximity switch inductive at the top	231 516	515	Hexagon nut M16-6	020 845
23	Proximity switch inductive at the bottom	231 520	517	U-washer 16	020 876
24	Photoelectric sensor complete	253 534	530	Tension spring 15x1.50x70.94	251 614
26	Guide bar C35	206 560	531	Cap screw M6x12	020 134
27	Rubber buffer	206 561	532	U-washer 6	020 872
29	Comb guide on the right	255 424	533*	Shim 0.2x12x27	023 735
29a	Pulling pin	255 427	534*	Shim 0.5x12x27	023 736
29b	Angle	240 112	540*	Countersunk screw M5x10	023 247



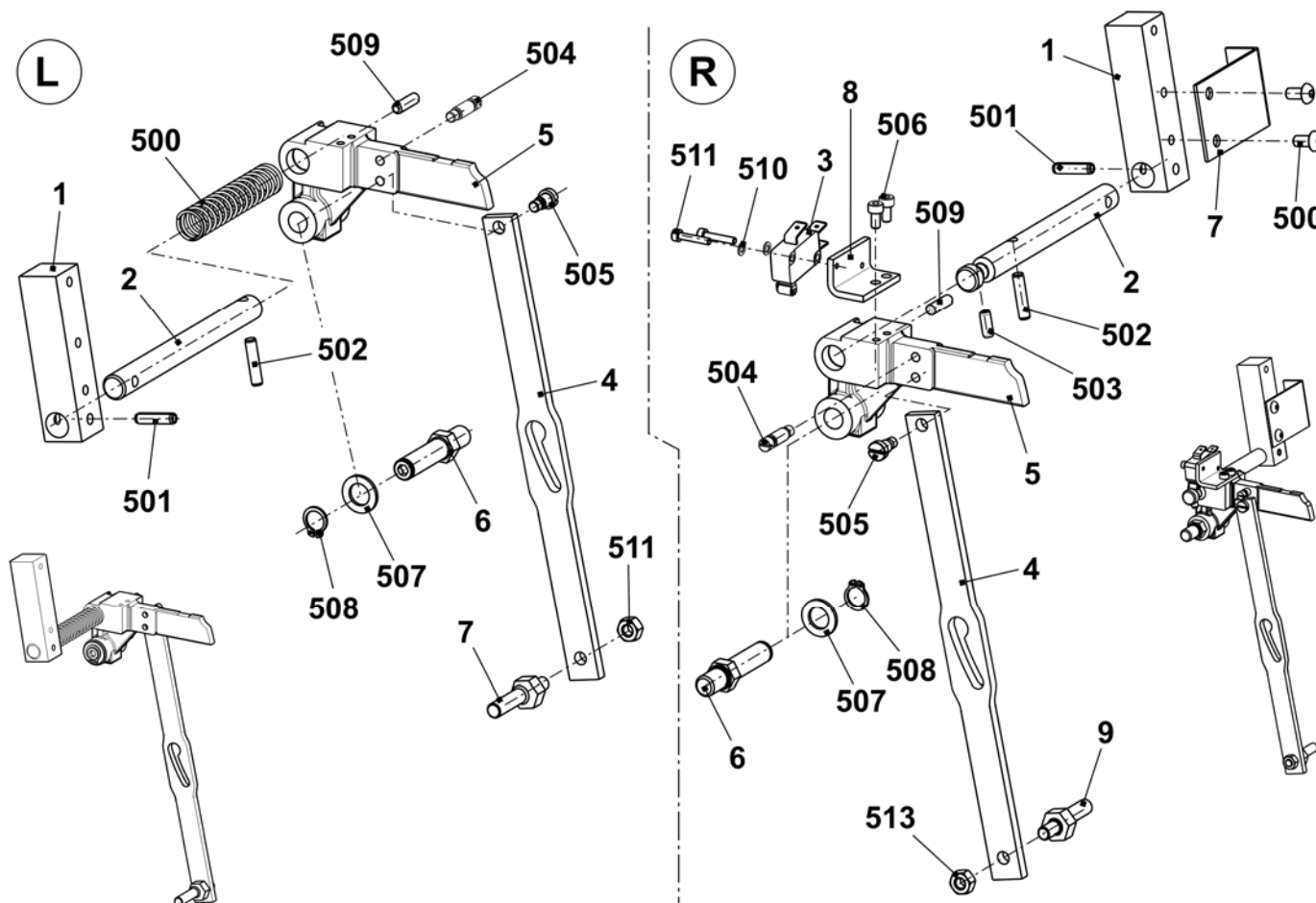
Drive shaft of comb

Pos	Designation	ID	Pos	Designation	ID
Σ	Drive shaft of 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	Set screw M6x8	022 684
	Always order pos. 502 additionally		503	Set screw M6x12	023 898
3	Timing belt pulley at the top	206 394	504	Set collar	020 938
	Always order pos. 503 additionally				



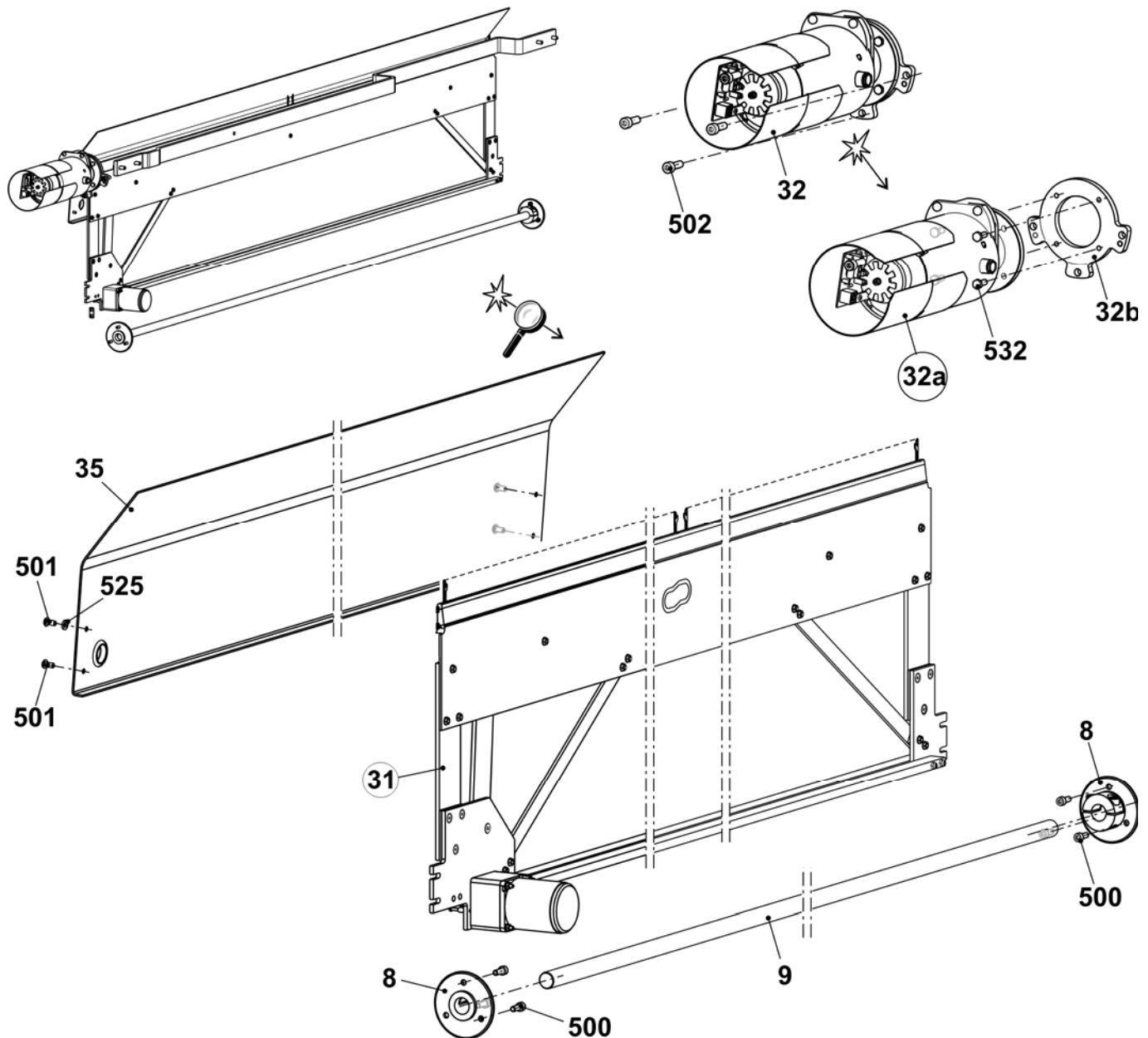
Swivel lever comb take-down

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	251 099	3	Microswitch	026 259
5	Swivel lever	239 248	4	Plunger	251 099
6	Bolt	214 053	5	Swivel lever	239 248
7	Eccentric bolt	243 225	6	Bolt	214 053
500	Compression spring 1.4x13.6x93	023 572	7	Angle	224 009
501	Spring dowel sleeve ISO8752-5x20	020 794	8	Angle	238 304
502	Dowel pin 5x22	023 716	9	Eccentric bolt	243 225
504	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 M6-6	022 899	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	Cap screw M3x16	022 583
			511	U-washer 3	020 877
			513	Hexagon nut M6-6	022 899



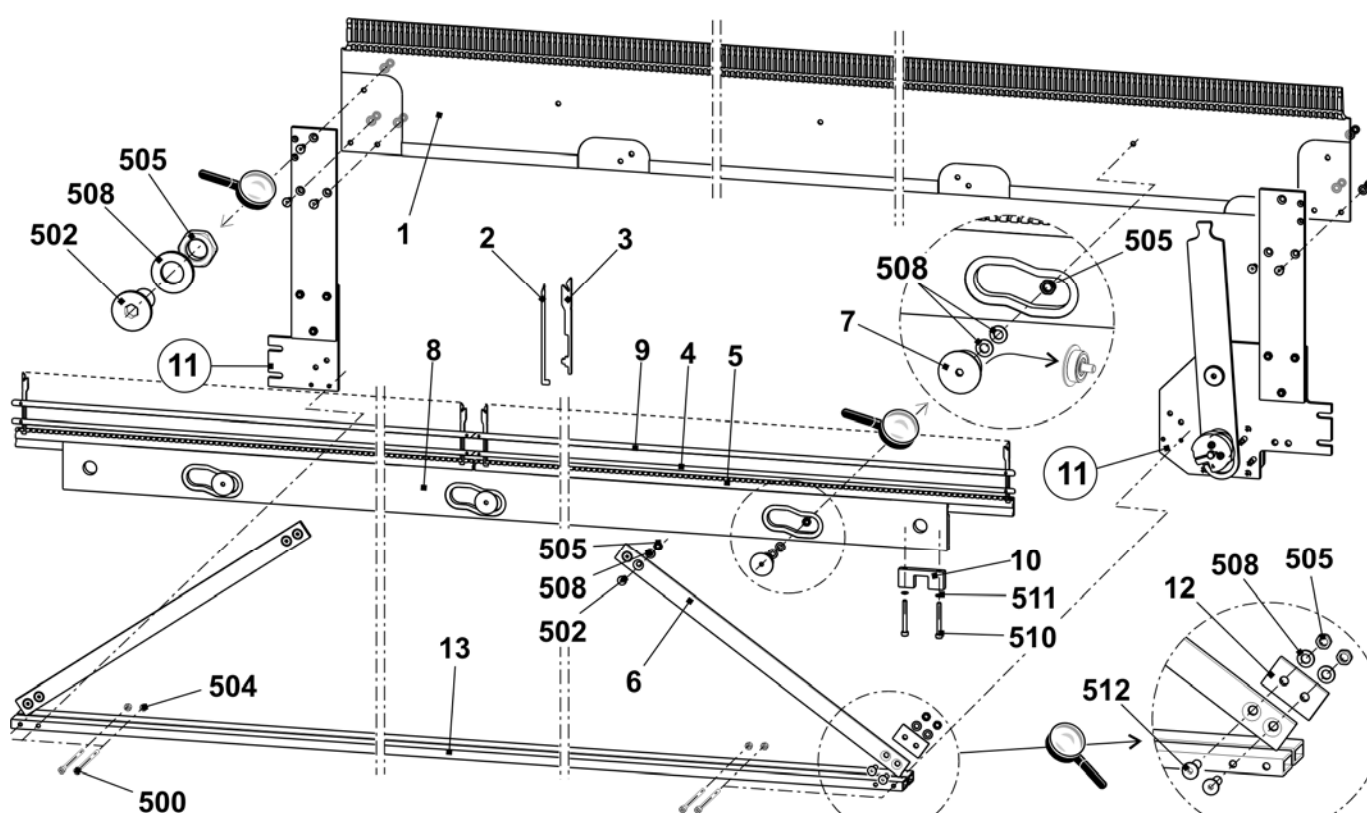
Comb take-down in the middle

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb take-down in the middle E2,5.2	255 289	31	Comb unit E2,5.2	244 329
8	Flange	207 695	32	Motor take-down unit complete	253 803
9	Shaft long	236 875	32a	Motor take-down unit + comb	214 279
500	Cap screw M6x16	020 135	32b	Flange	241 754
501	Countersunk screw M5x10	023 247	532	Hexagon screw M6x16	020 356
502	Cap screw M8X25	020 142	35	Guide plate	252 830
525	Serrated lock washer J5.3	022 489			



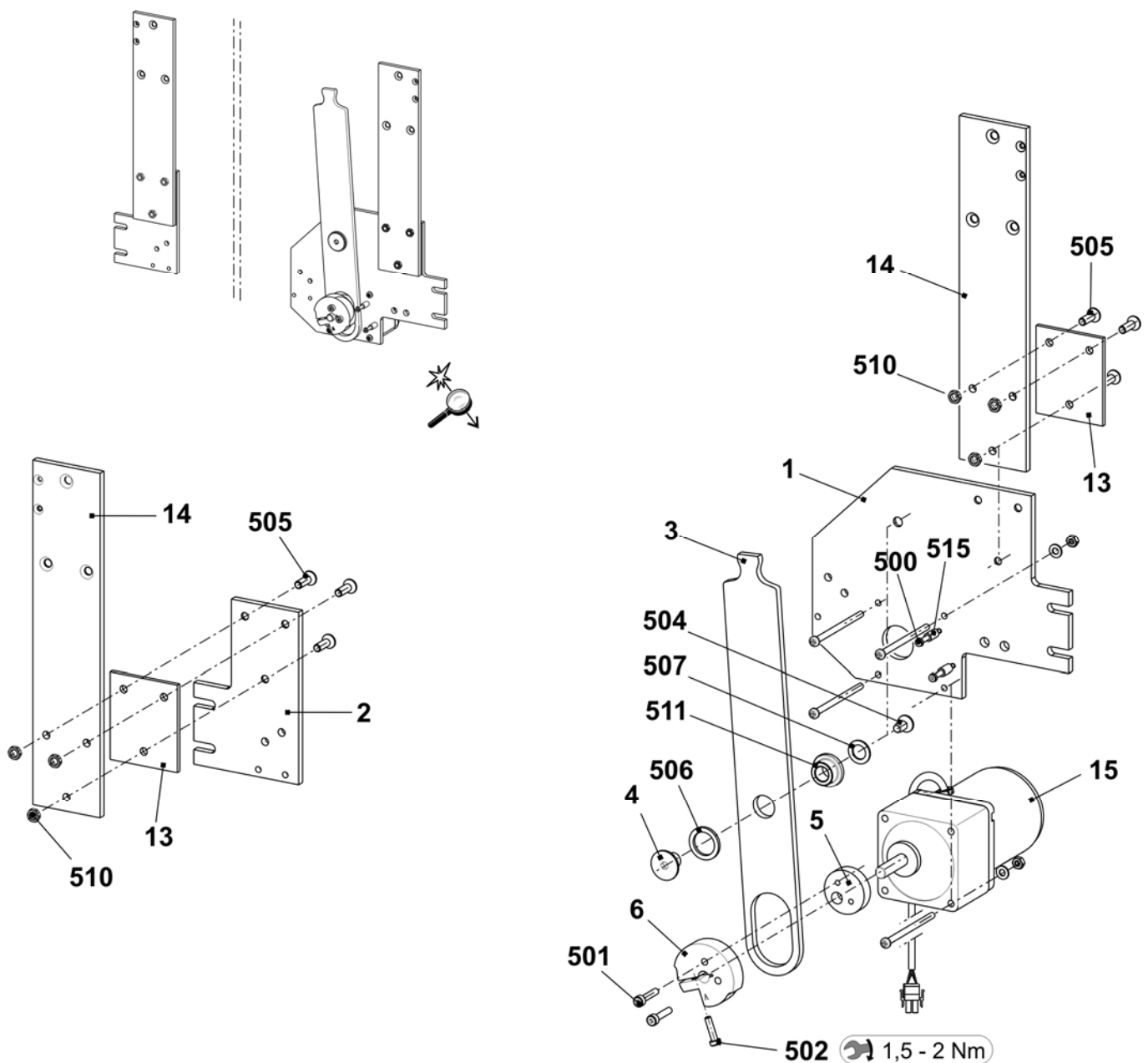
Comb unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Comb unit E2,5.2	244 329	11	Switch lever complete	240 060
1	Hook bed E5	237 468	12	Intermediate plate	218 742
2	Closer E3-8	230 105	13	Stabilizer	237 056
3	Body E2,5.2	230 093	500	Cap screw M4x50	023 102
4	Cover rail	237 065	502	Countersunk head screw M5x12	023 340
5	Hook slider E5	237 463	504	Hexagon nut M4-8	023 046
6	Strut	218 740	505	Hexagon nut M5-04	020 854
7	Collar bolt complete	211 036	508	U-washer 5-200	020 871
8	Cross slider	237 069	510	Cap screw M4x30	023 290
9	Cover rail	237 074	511	Circlip	022 774
10	Plunger	205 678	512	Countersunk screw M5x16	023 417



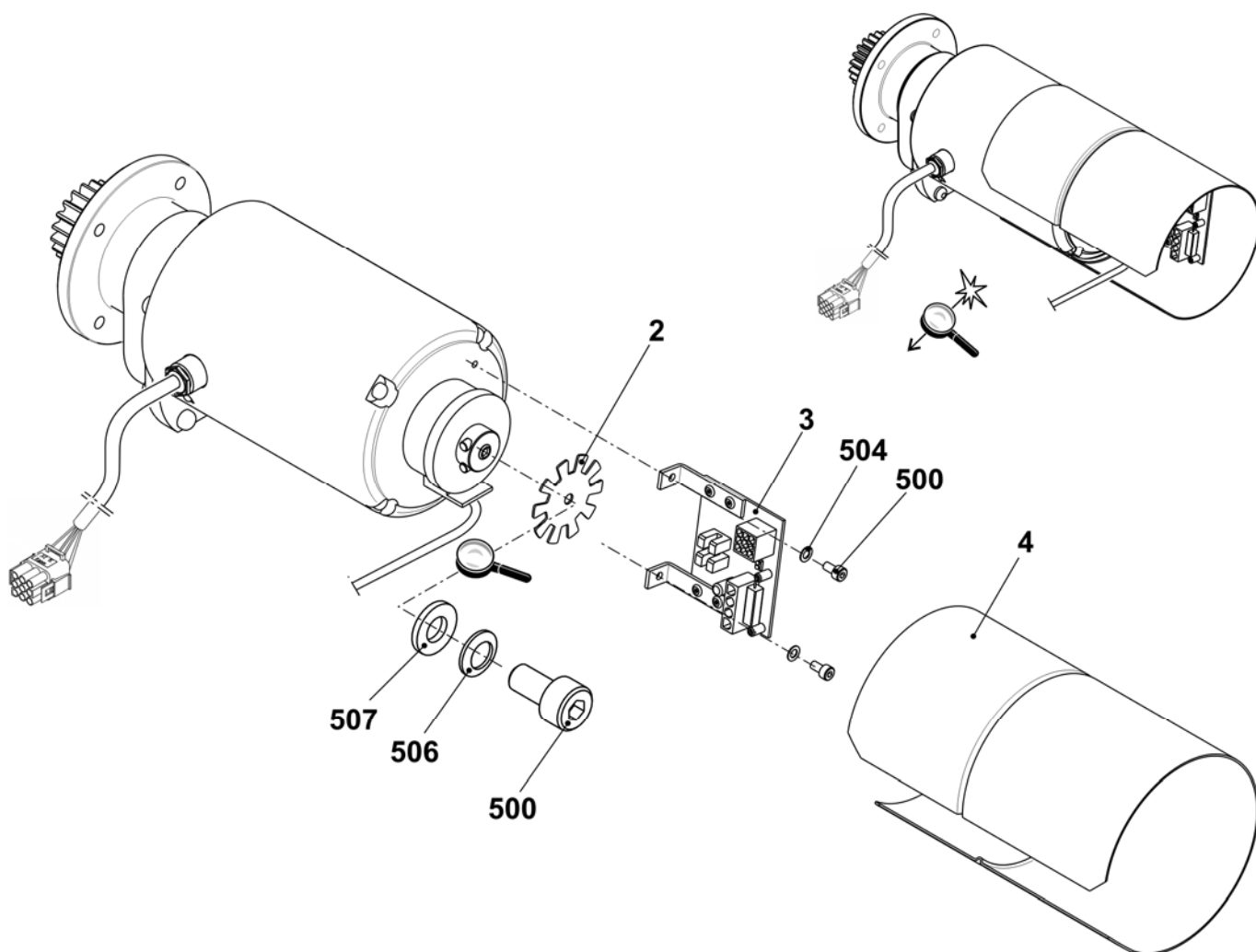
Switch lever comb take-down

Pos	Designation	ID	Pos	Designation	ID
Σ	Switch lever complete	240 060	500	Cap screw M3x25	023 093
1	Screwing plate on the right	240 058	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	Shim ring 16x22x2	023 449
6	Tension lifter	215 287	507	Adjusting washer 10x16x1	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 2 phases	244 635	515	Spacer	210 488

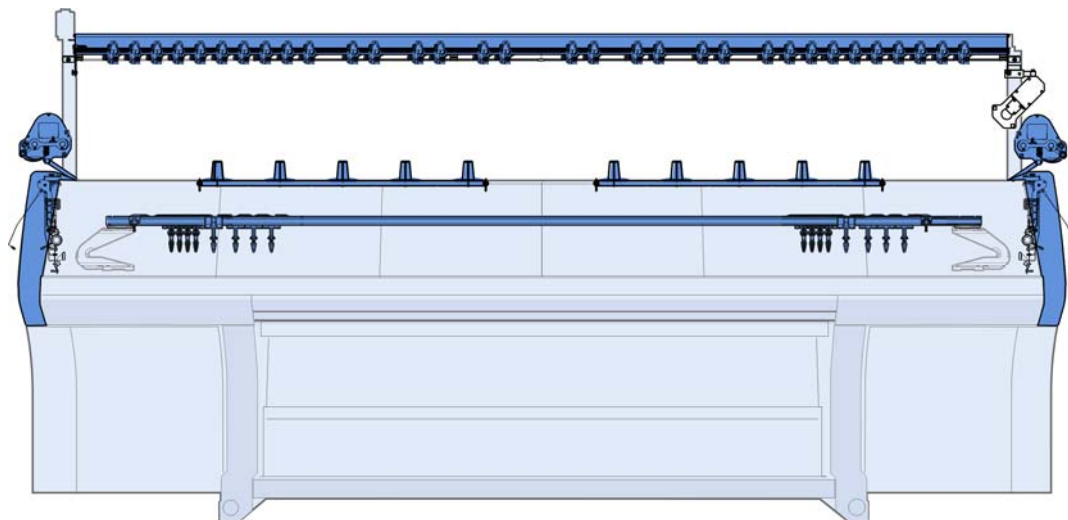


Motor take-down unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Motor take-down unit	214 279	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	U-washer 4	020 879
3	Photoelectric sensor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Shim ring 4x8x1	023 369

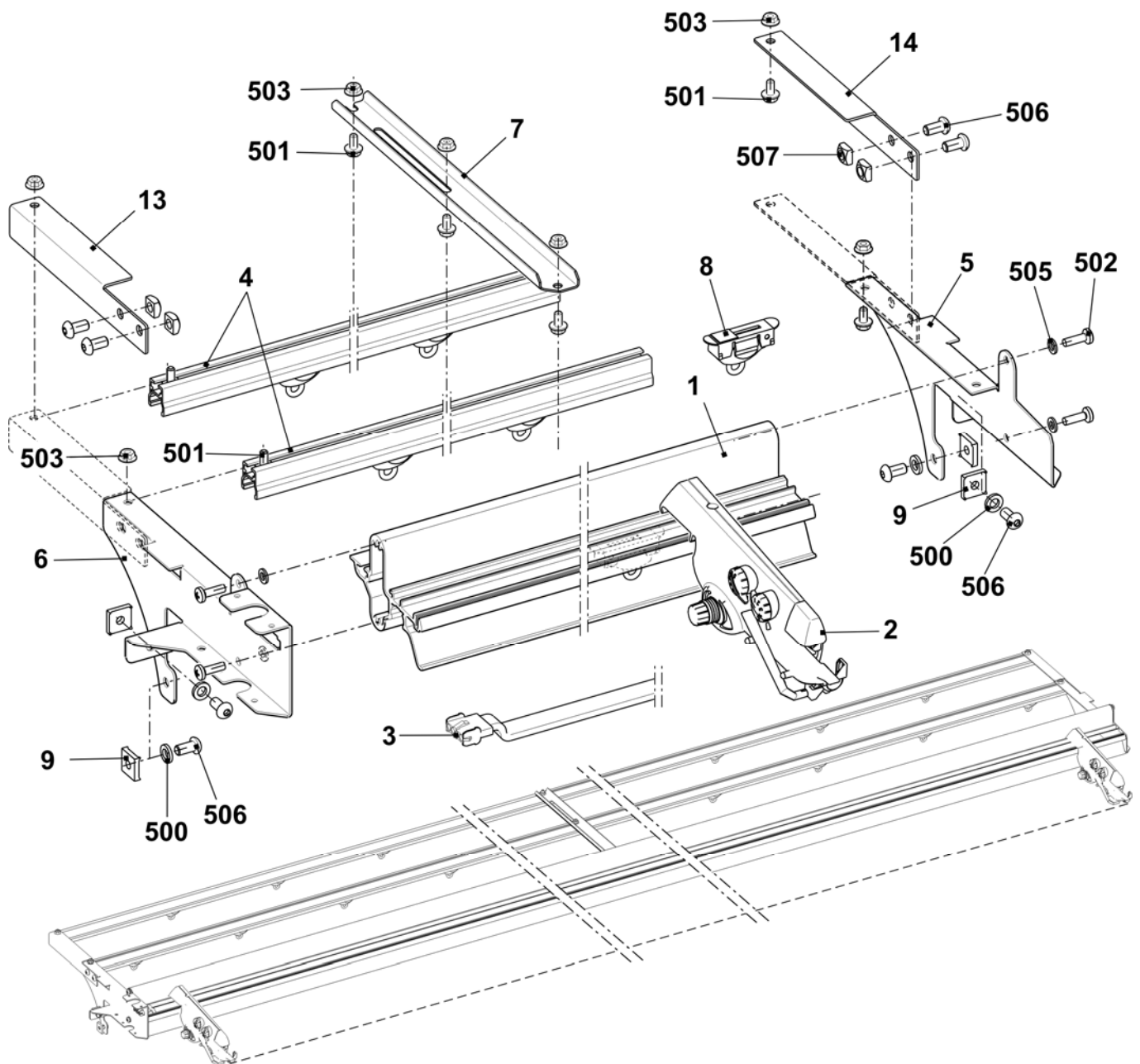


Yarn delivery device



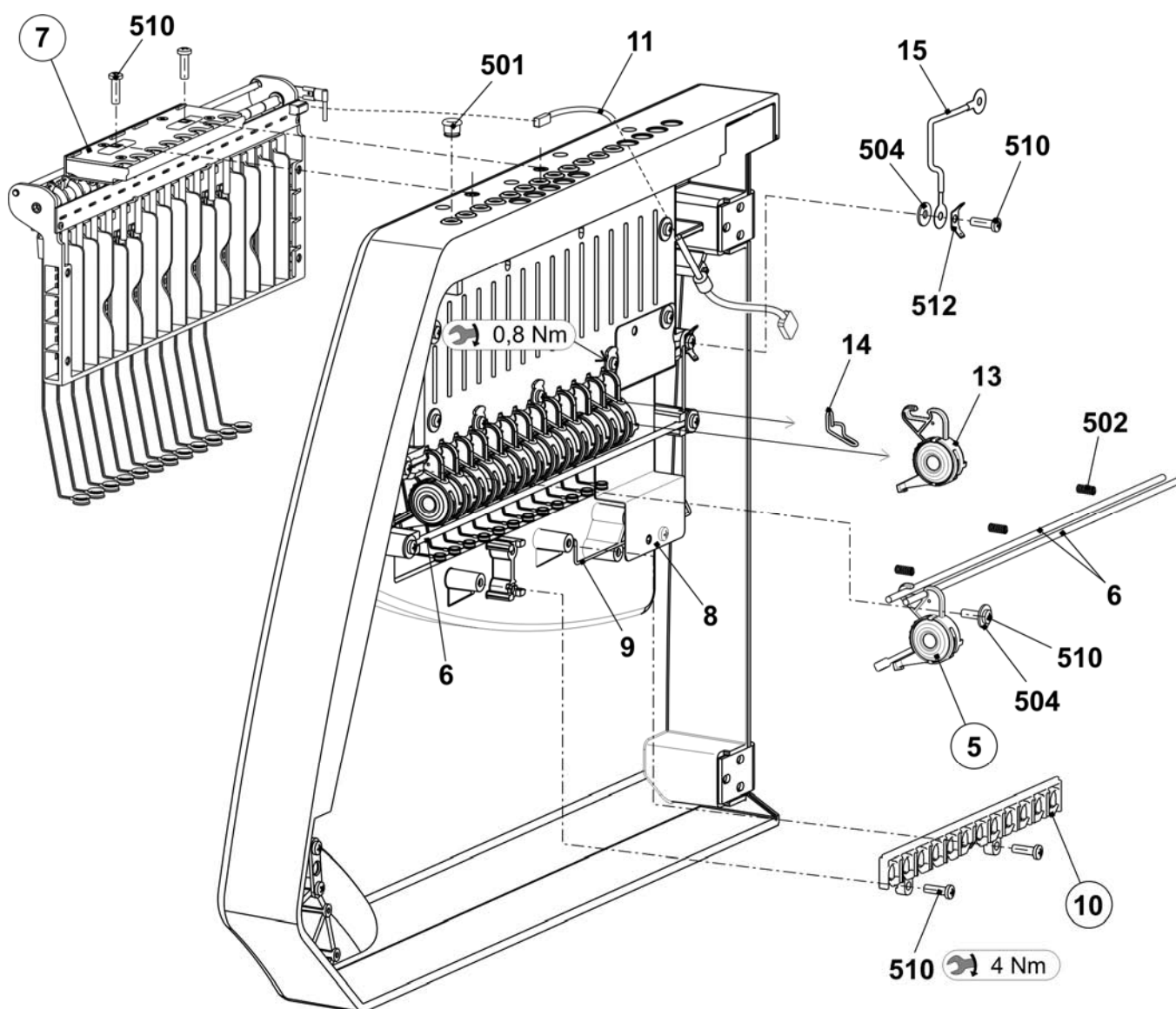
Yarn guide system with 32 FKE

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide system 32 FKE 84"	242 991			
1	Support	243 112	13	Support on the left	243 602
2	Yarn control device (FKE)	237 124	14	Support on the right	243 603
3	Connection cable FKE-3 84"	240 349	500	Serrated lock washer	023 388
4	Yarn guide bar	236 932	501	Self-locking screw M6x12	023 415
5	Support on the right	243 601	502	Screw M6x20	023 721
6	Support on the left	243 600	503	Ribbed safety nut M6-10	023 414
7	Support	239 295	505	U-washer 6	022 431
8	Yarn guide bracket complete	241 581	506	Countersunk screw M8x16	023 113
9	Sliding block	228 851	507	Square nut M8	023 269



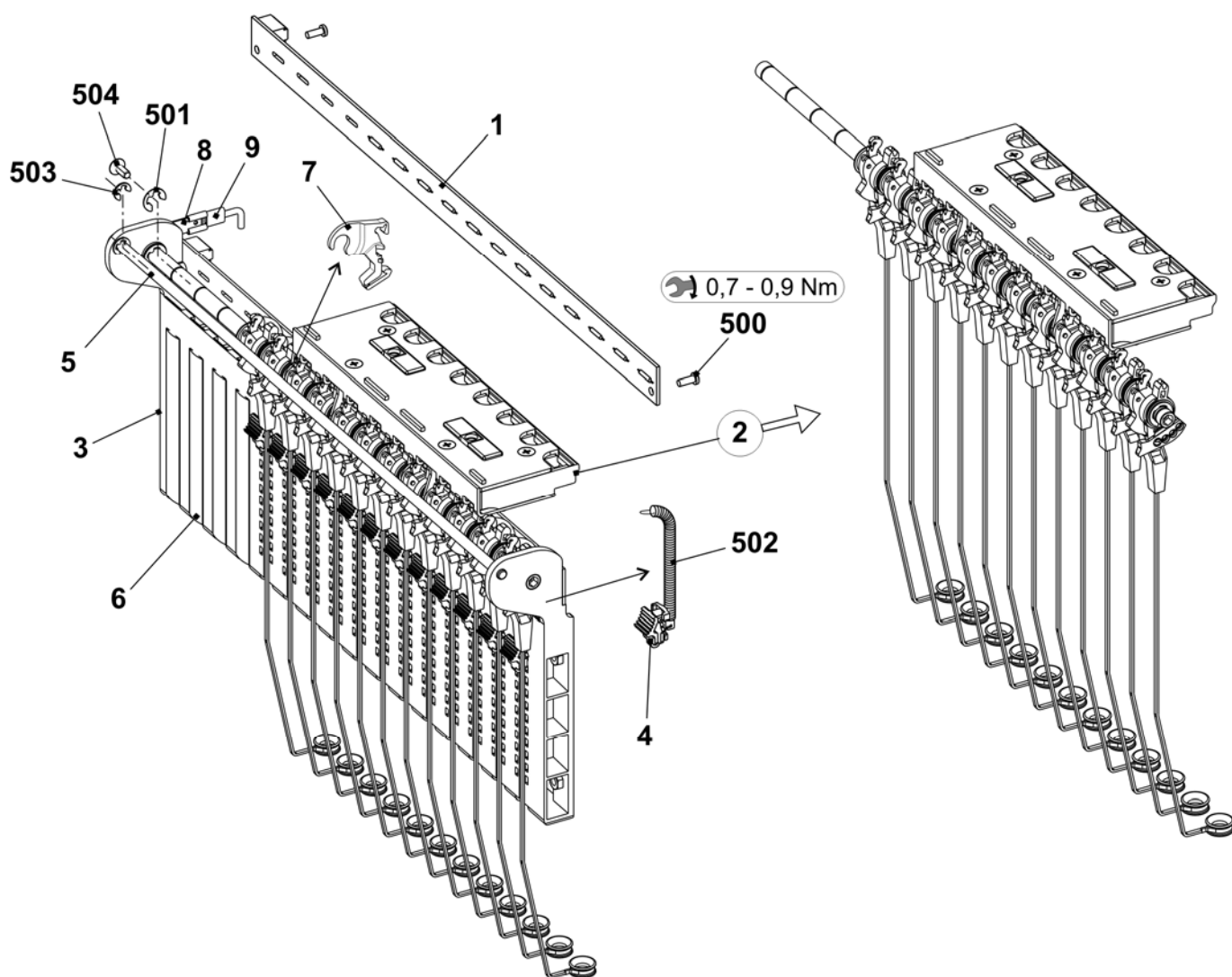
Left yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the left complete E3 - E5	241 271	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the left complete E3 - E5	241 363	501	Ceramic eyelet	240 640
8	Cover	240 783	502	Compression spring 0.90x5.40x13.60	241 360
9	Wire bow on the left	241 370	504	U-washer	022 537
10	Yarn deflector	242 011	510	Screw KB 60x20	237 682
11	Connection cable yarn tensioner OKC	240 808	512	Flat connector 2x45 M6	243 117



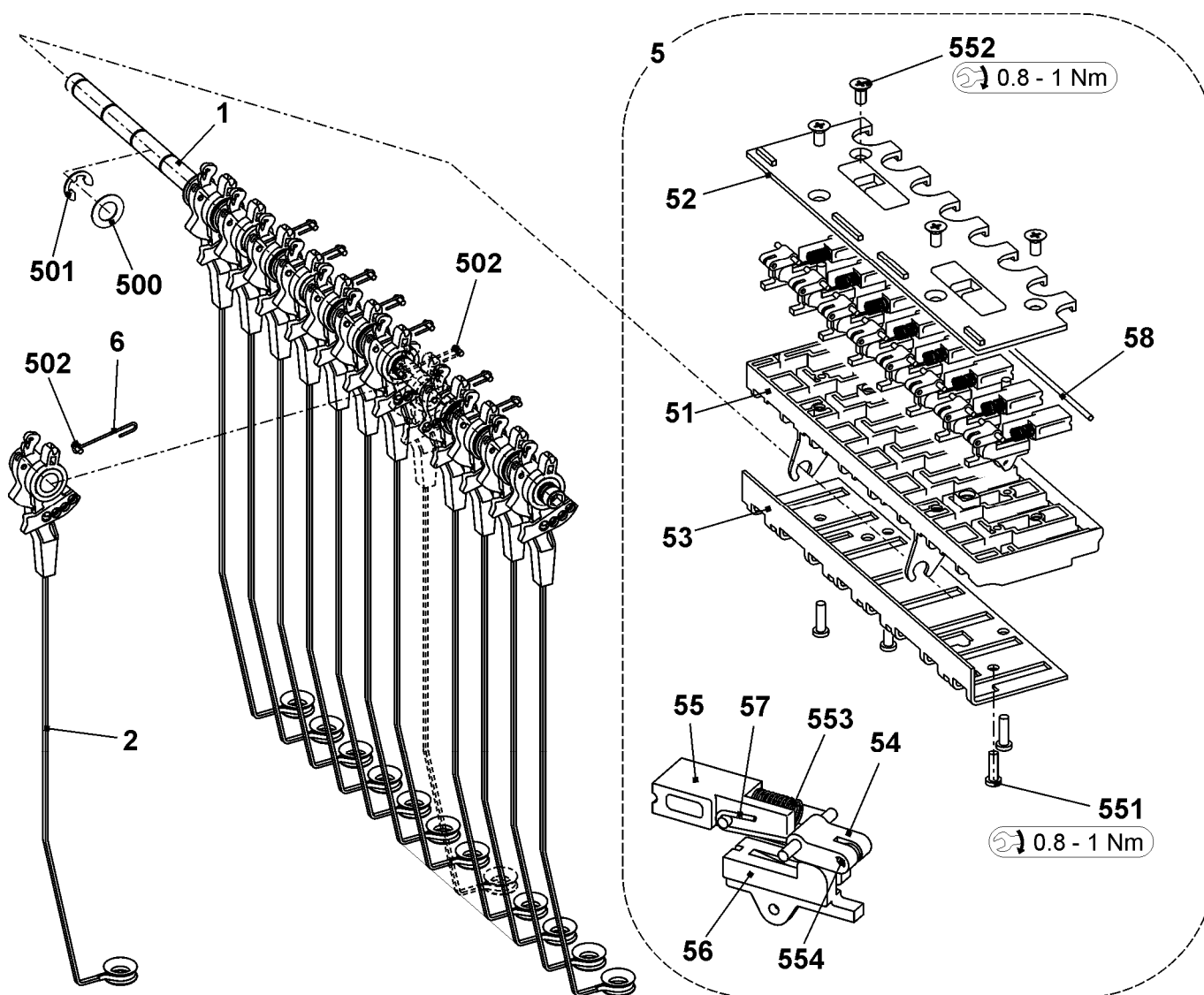
Left yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the left co. E3 - E5	241 363			
1	Card yarn tensioner 16-fold on the left	241 345	8	Grounding sheet metal of tension axle	243 121
2	Tension axle on the left complete E3 - E8	241 366	9	Ground cable yarn tensioner OKC	243 105
3	Housing	241 367	500	Screw KB 30x8	236 228
4	Slider	241 694	501	Circlip	021 022
5	Stop point	241 368	502	Tension spring 5.05x0.55x53 (E3-E5)	023 502
6	Cover	242 268	503	Circlip	021 020
7	Spacer	242 048	504	Countersunk screw M4x10	241 914



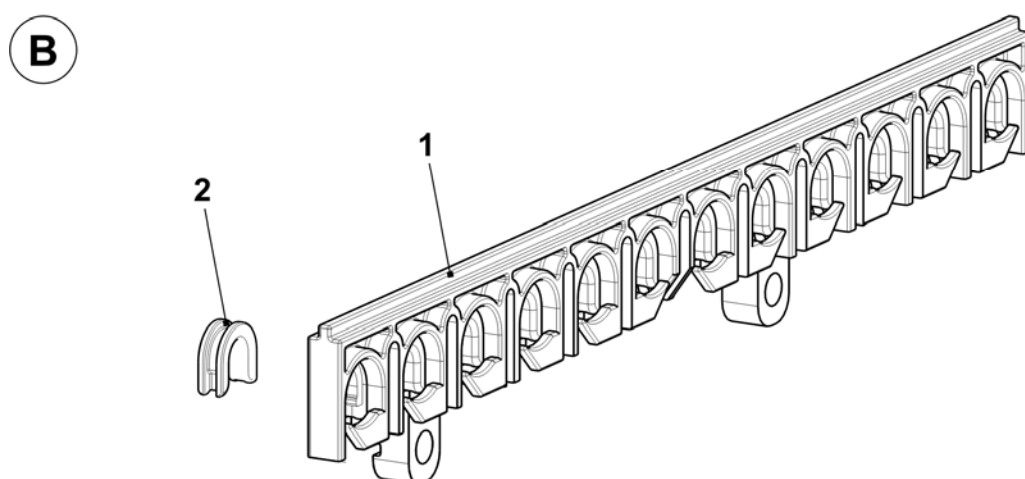
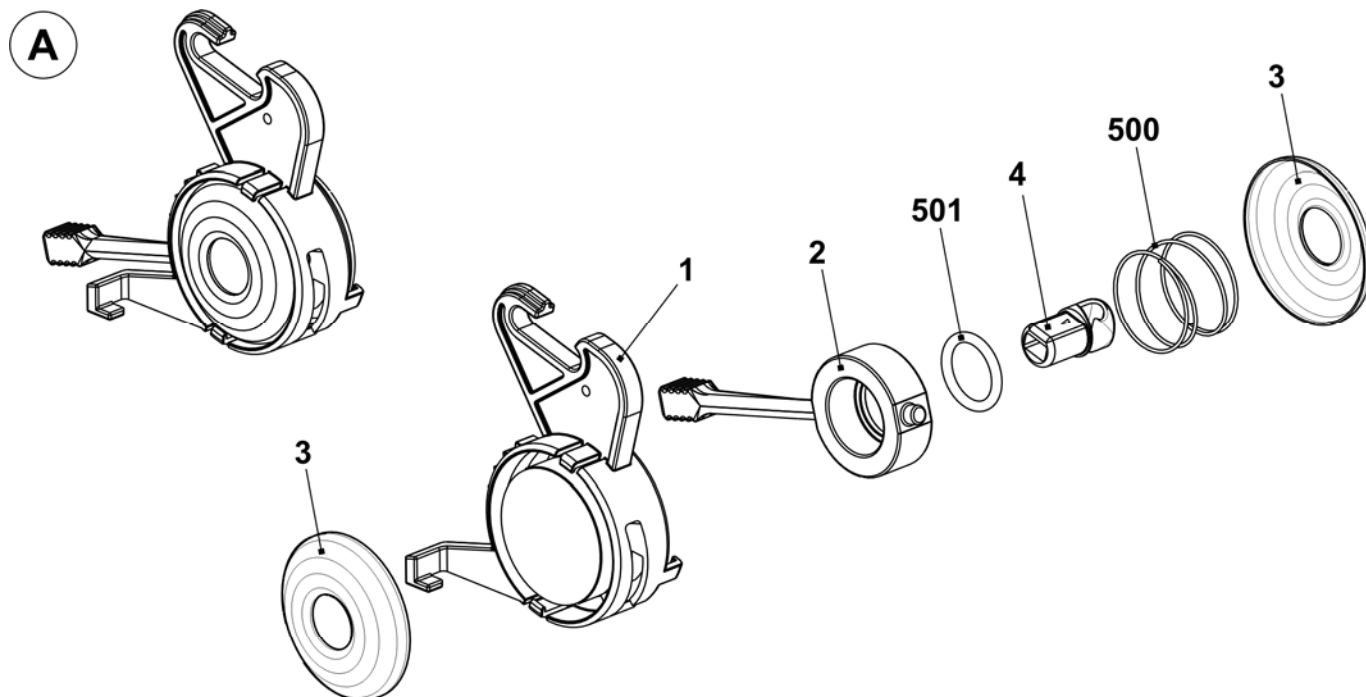
Left tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the left co. E3 – E8	241 366	5	Thread clamp AKF	238 695
1	Axle	243 107	51	Housing AKF	238 689
2	Tension arm pre-assembled E3 - E8	242 770	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0.5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Thrust piece AKF	238 690
502	Grooved pin 2x6	243 172	56	Slider AKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



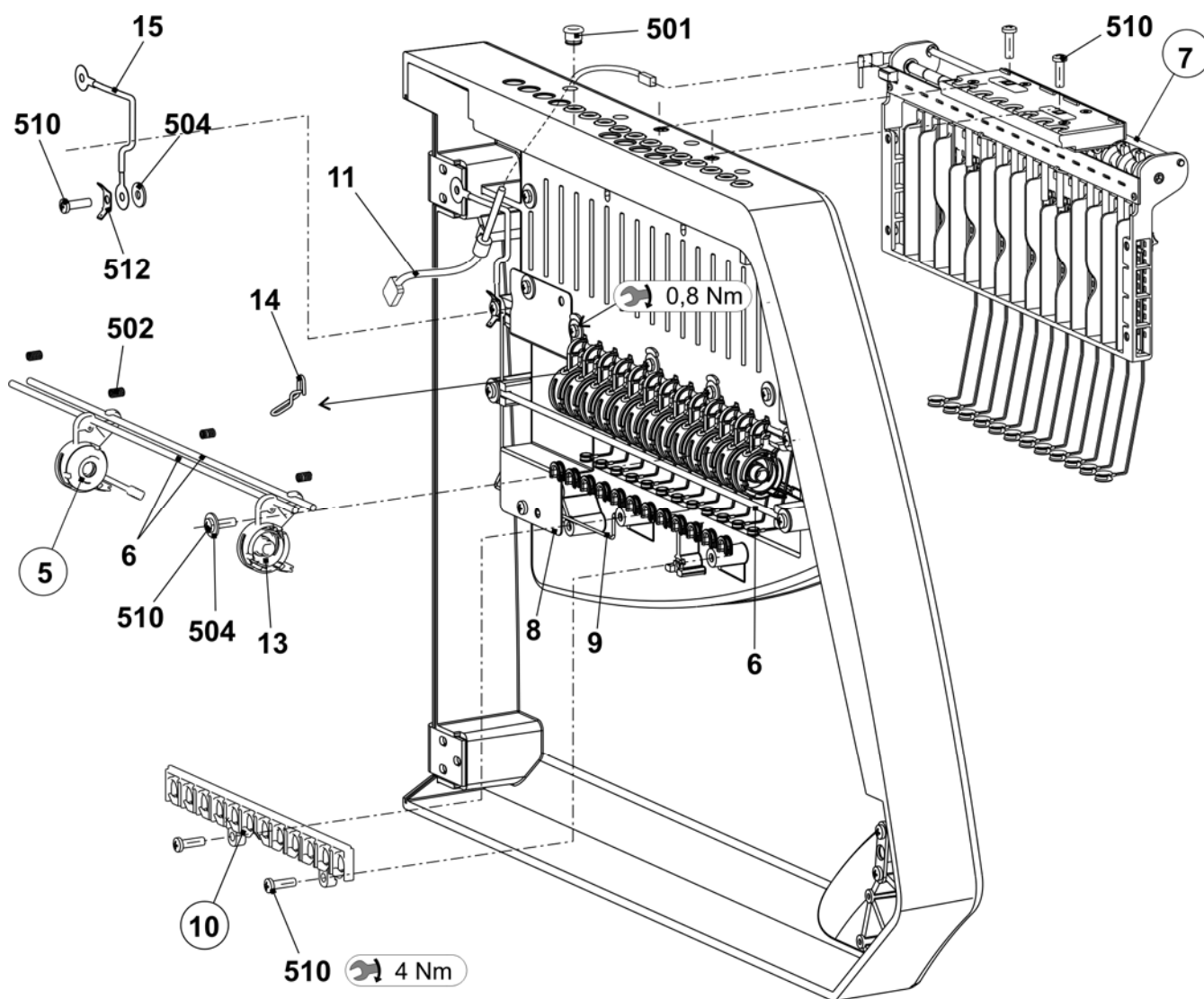
Yarn brake and yarn deflector

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			



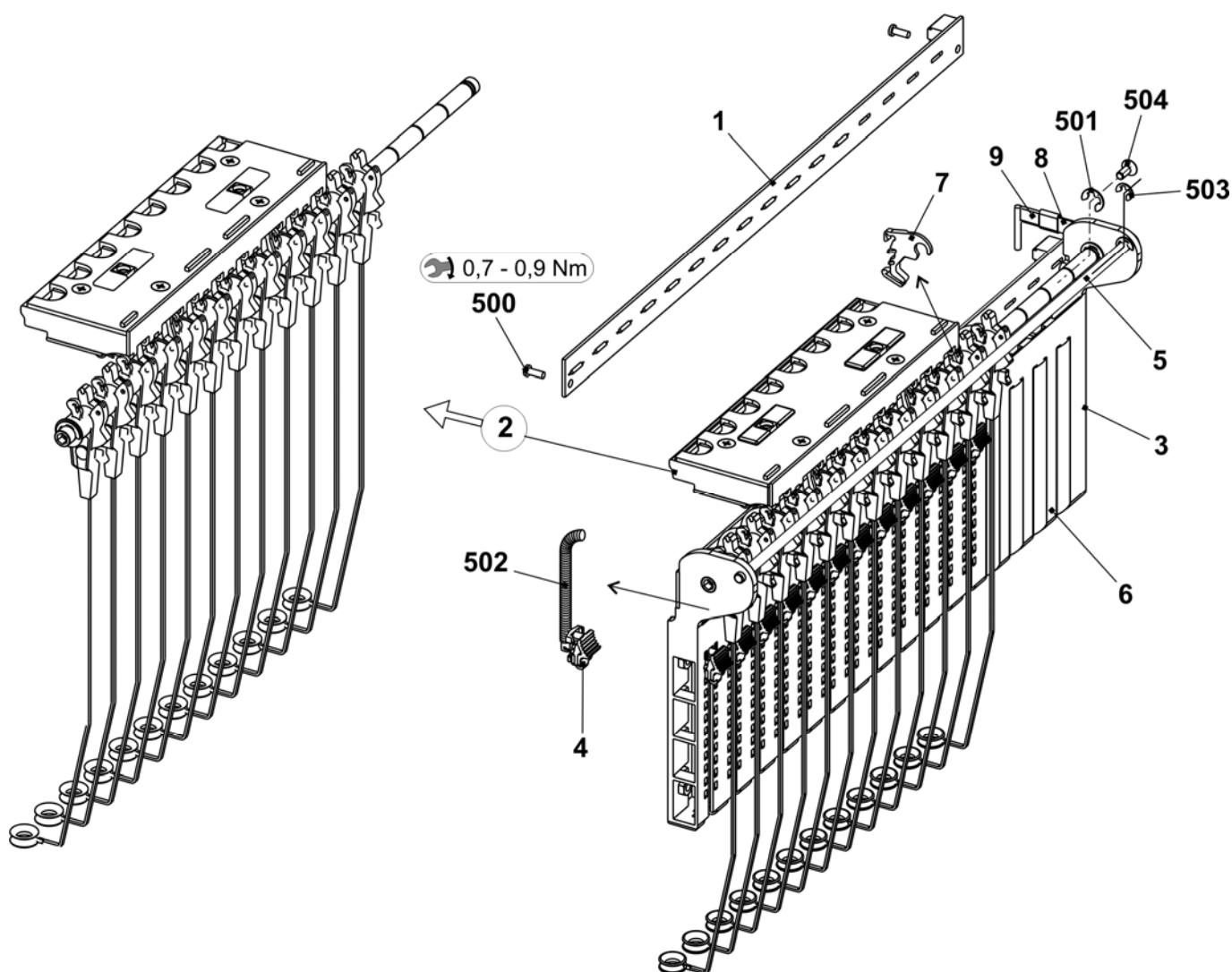
Right yarn guide

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the right co. E3 - E5	241 274	13	Yarn brake not adjustable	244 356
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete E3 - E5	241 382	501	Ceramic eyelet	240 640
8	Cover	240 783	502	Compression spring 0.90x5.40x13.60	241 360
9	Wire bow on the right	241 369	504	U-washer	022 537
10	Yarn deflector	242 011	510	Screw KB 60x20	237 682
11	Connection cable yarn tensioner OKC	240 808	512	Flat connector 2x45 M6	243 117



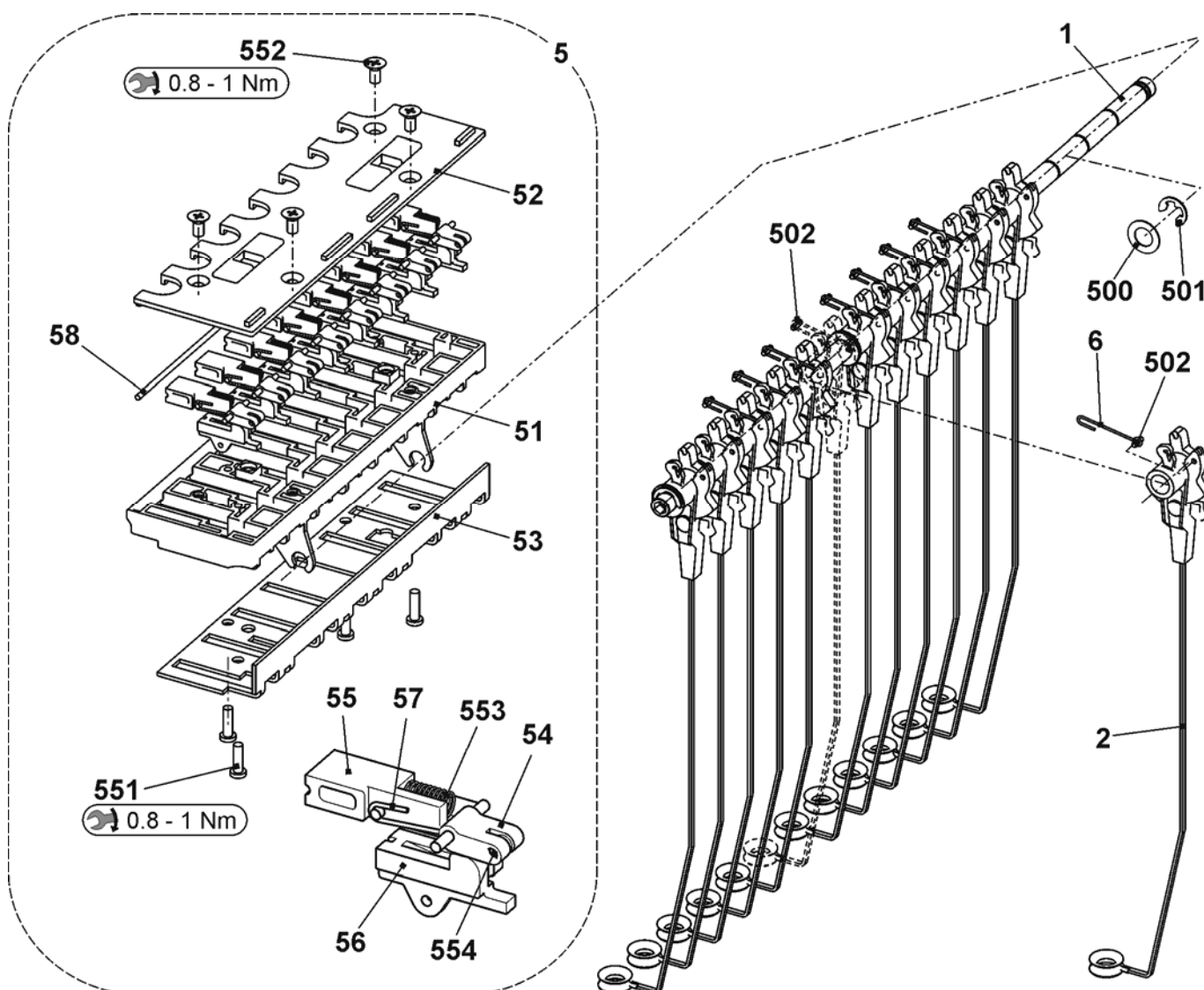
Right yarn tensioner

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn tensioner on the right E3 - E5	241 382			
1	Card yarn tensioner 16-fold on the right	241 346	8	Grounding sheet metal of tension axle	243 121
2	Tension axle on the right co. E3 - E8	241 379	9	Ground cable yarn tensioner OKC	243 105
3	Housing	241 367	500	Screw KB 30x8	236 228
4	Slider	241 694	501	Circlip	021 022
5	Stop point	241 368	502	Tension spring 5.05x0.55x53 (E3-E5)	023 502
6	Cover	242 268	503	Circlip	021 020
7	Spacer	242 048	504	Countersunk screw M4x10	241 914



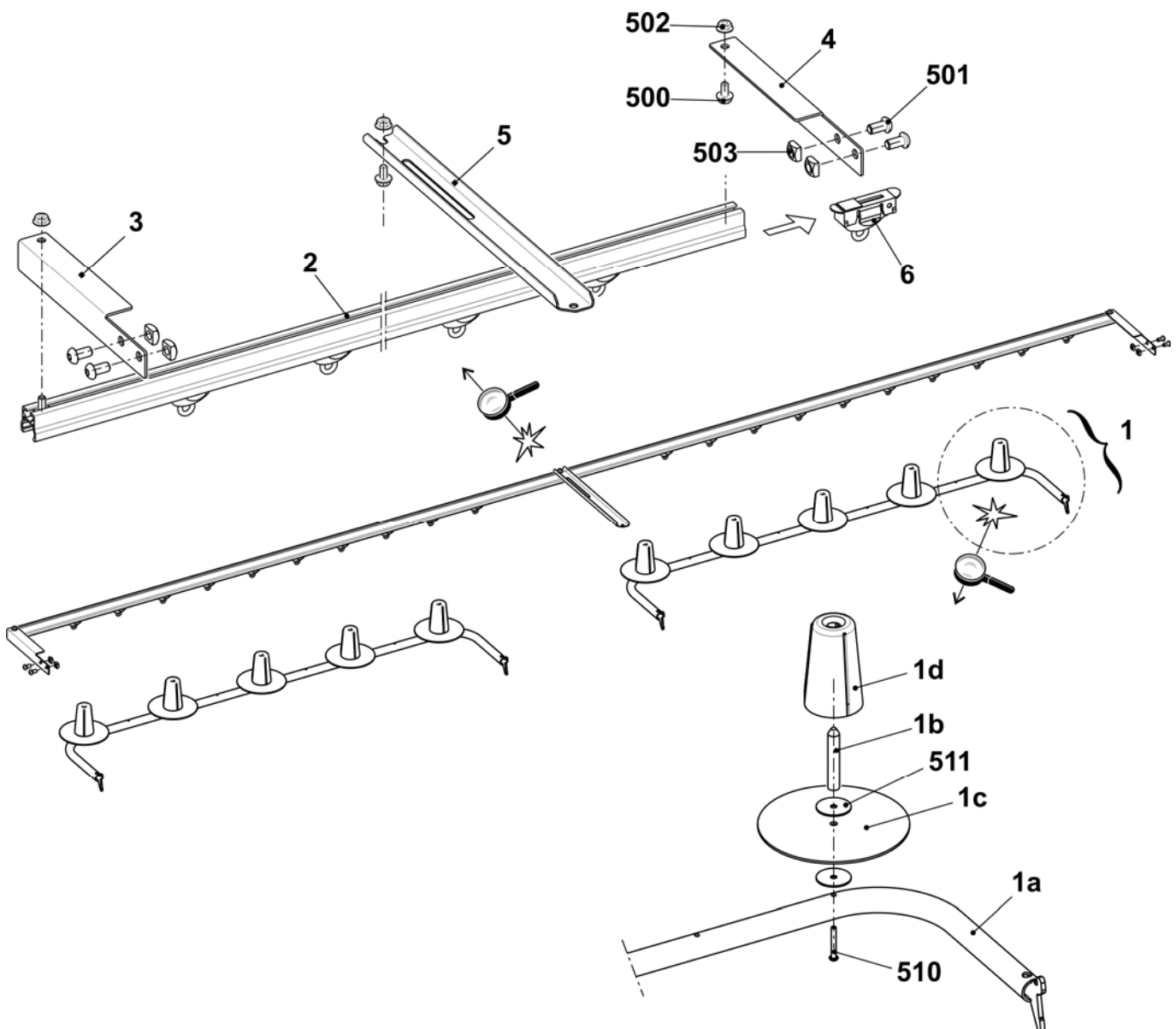
Right tension axle

Pos	Designation	ID	Pos	Designation	ID
Σ	Tension axle on the right co. E3 – E8	241 379	5	Thread clamp AKF	238 695
1	Axle	243 107	51	Housing AKF	238 689
2	Tension arm pre-assembled E3 - E8	242 770	52	Cover AKF	237 926
6	Wire bow	238 694	53	Sheet metal at the bottom (housing AKF)	240 719
500	Shim ring 8x14x0.5	023 501	54	Lever AKF	238 692
501	Circlip	021 022	55	Thrust piece AKF	238 690
502	Grooved pin 2x6	243 172	56	Slider AKF	238 691
			57	Wire bow	238 694
			58	Wire	237 940
			551	Screw KB 35x12	237 681
			552	Screw KB 40x8	236 227
			553	Compression spring 0.30x4.50x18.50	241 437
			554	Grooved pin 2x6	243 172



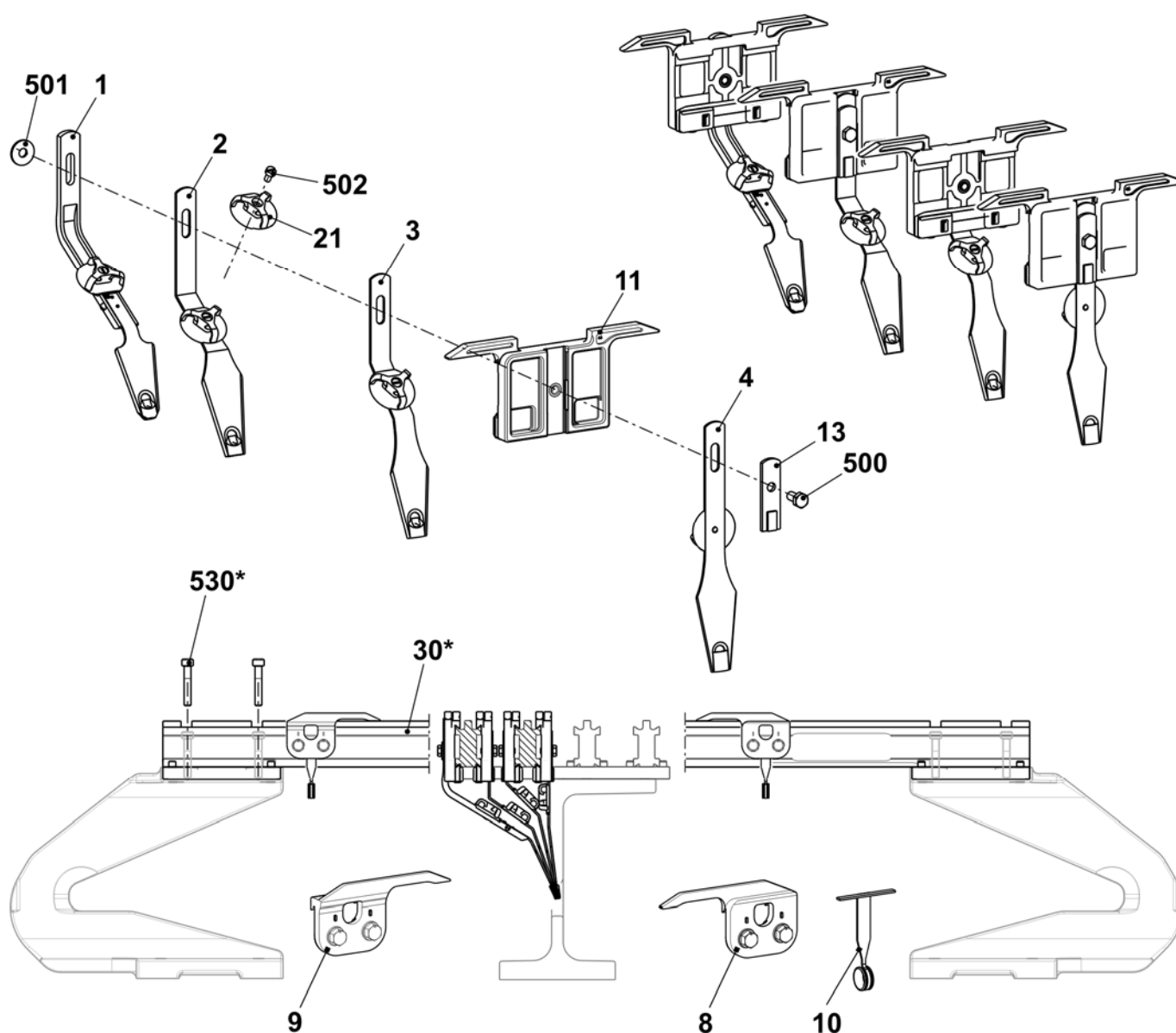
Additional board retrofit kit

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional board retrofit kit 7XX	243 777			
1	Additional board 7XX/8XX	241 928	3	Support on the left	243 602
1a	Additional board welded	241 927	4	Support on the right	243 603
1b	Positioning pin	202 777	5	Support	239 295
1c	Disc D=130	062 385	6	Yarn guide bracket complete	241 581
1d	Bobbin support	200 363	500	Self-locking screw M6x12	023 415
510	Pan-head screw M4x30	023 681	501	Pan-head screw M8x16	023 113
511	Washer 5.3x30x1.25	023 556	502	Ribbed lock washer M6-10	023 414
2	Yarn guide bar 72"	228 596	503	Square nut M8	023 269



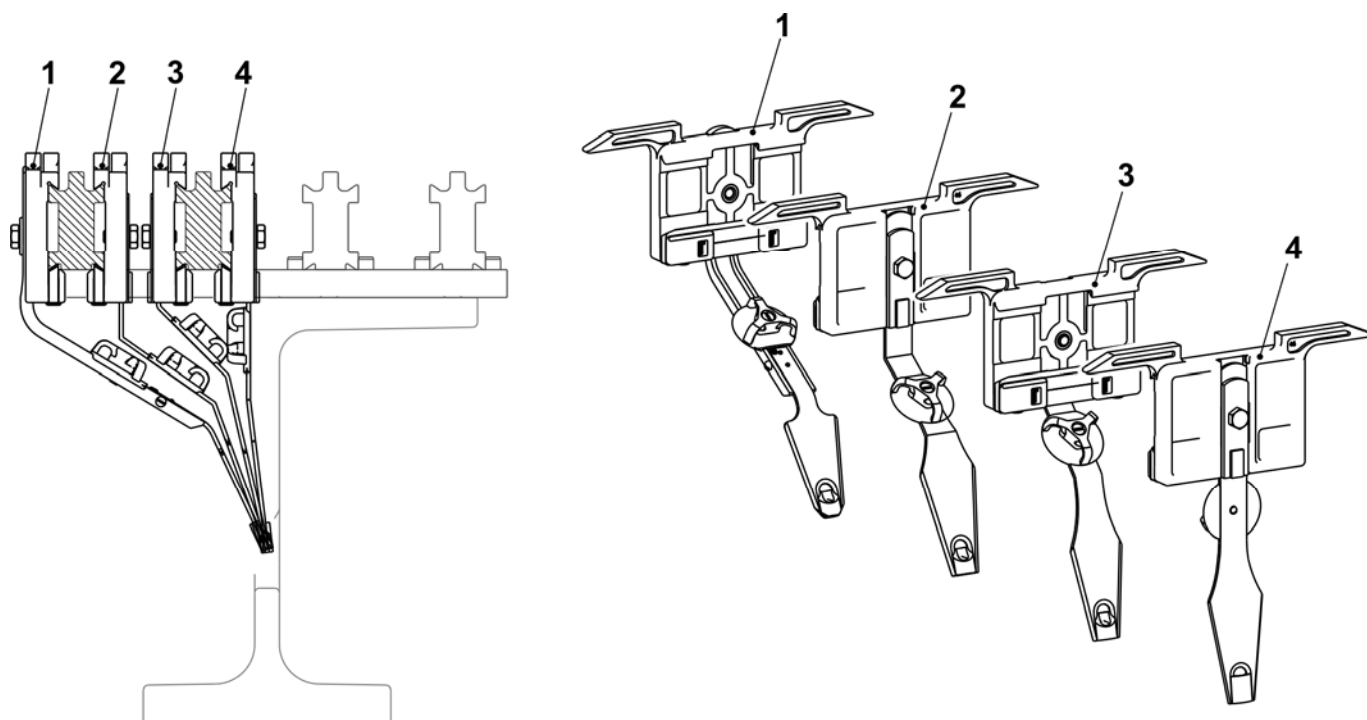
Yarn carriers and yarn carrier rails

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn guide complete E2,5.2	237 281	1	YC bow 1+8 complete E3-4	216 266
8	Limiter on the right complete	244 098	2	YC bow 2+7 complete E3-4	216 267
9	Limiter on the left complete	244 099	3	YC bow 3+6 complete E3-4	216 268
10	Slider with eyelet	230 709	4	YC bow 4+5 complete E3-4	216 269
11	YC carriage complete	241 887	500	Hexagon screw M5x10	020 351
13	Shim	213 035	501	U-washer 1-5	020 901
21	Yarn guide wheel	202 146	502	Cap screw M3.5x10	020 015
30*	Yarn carrier bar	236 807	530*	Cap screw M8x35	020 139



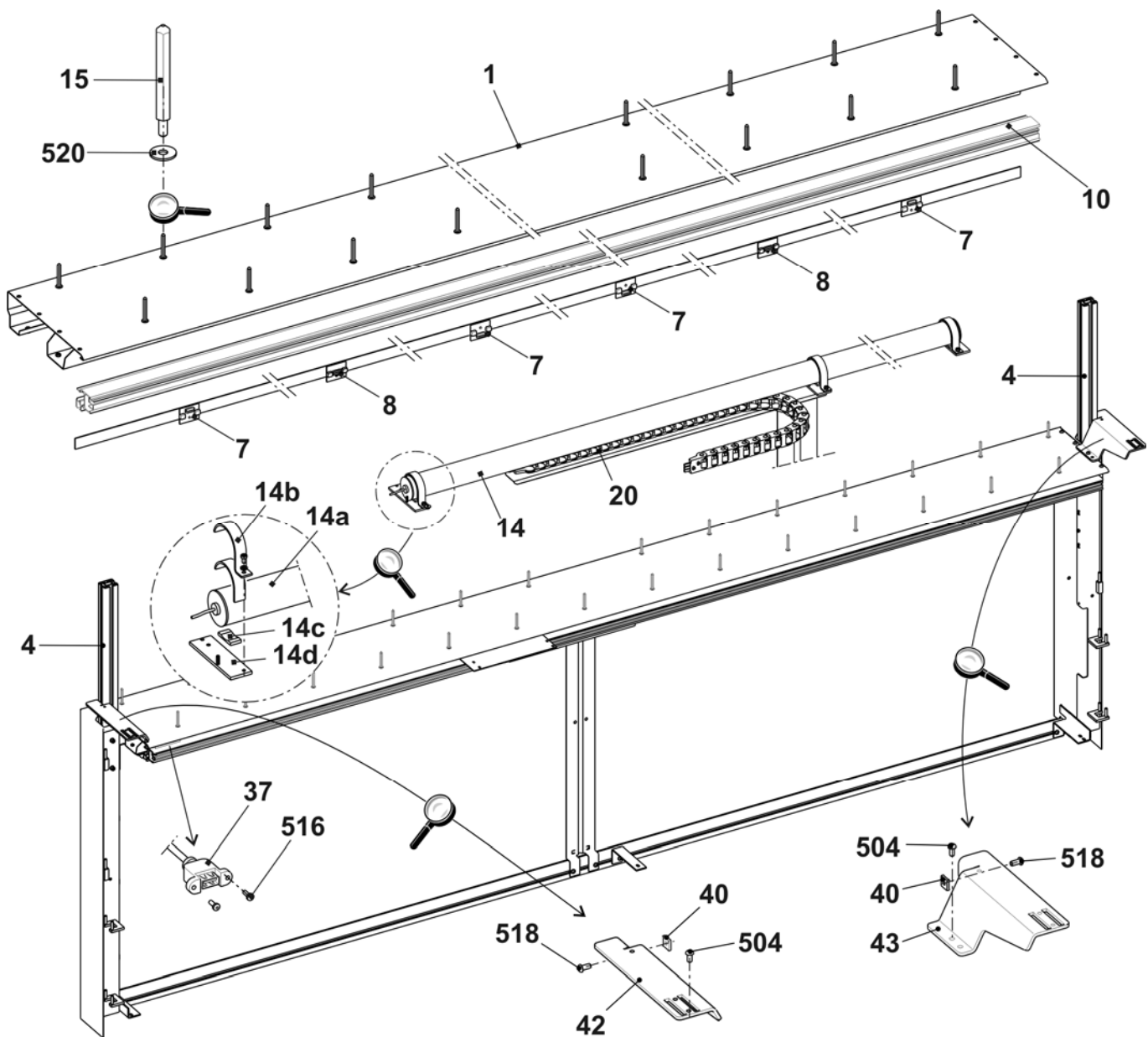
Complete yarn carriers

Pos	Designation	ID	Pos	Designation	ID
	Yarn guide complete E2,5.2	237 281			
1	YC carriage 1+8 complete E3-4	217 486	3	YC carriage 3+6 complete E3-4	217 488
2	YC carriage 2+7 complete E3-4	217 487	4	YC carriage 4+5 complete E3-4	217 489



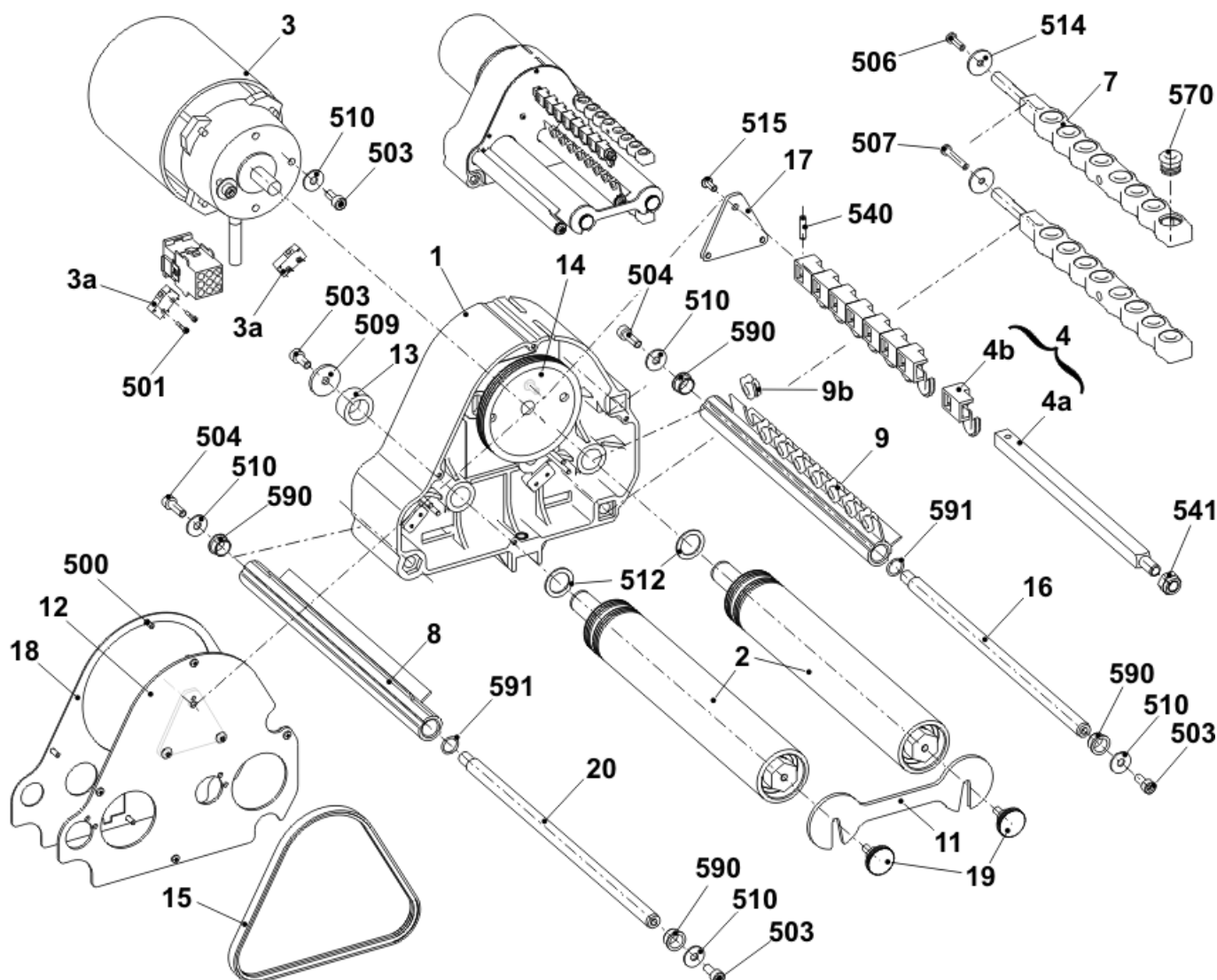
Bobbin board

Pos	Designation	ID	Pos	Designation	ID
Σ	Table complete 84" (E5-14)	240 681	15	Positioning pin	204 819
1	Table	251 246	20	Energy chain display (38 links)	253 888
4	Support element	228 594	37	Cable USB extension 84 OKC	243 070
7	Magnet switch protective hood	219 983	40	Sliding block	228 851
8	Magnet switch protective hood	220 159	42	Support of left feed wheel	250 966
10	Guide rail at the top complete	240 684	43	Support of right feed wheel	250 967
14	Lamp at the top complete	236 693	504	Countersunk screw M8x16	023 113
14a	Lamp long RL60V - 230 V	212 580	516	Countersunk screw M3x8	023 251
14b	Clamping bow	209 504	518	Countersunk screw M8x18	251 331
14c	Cellular caoutchouc 40x20	208 018	520	U-washer	020 901
14d	Lamp support	221 951			



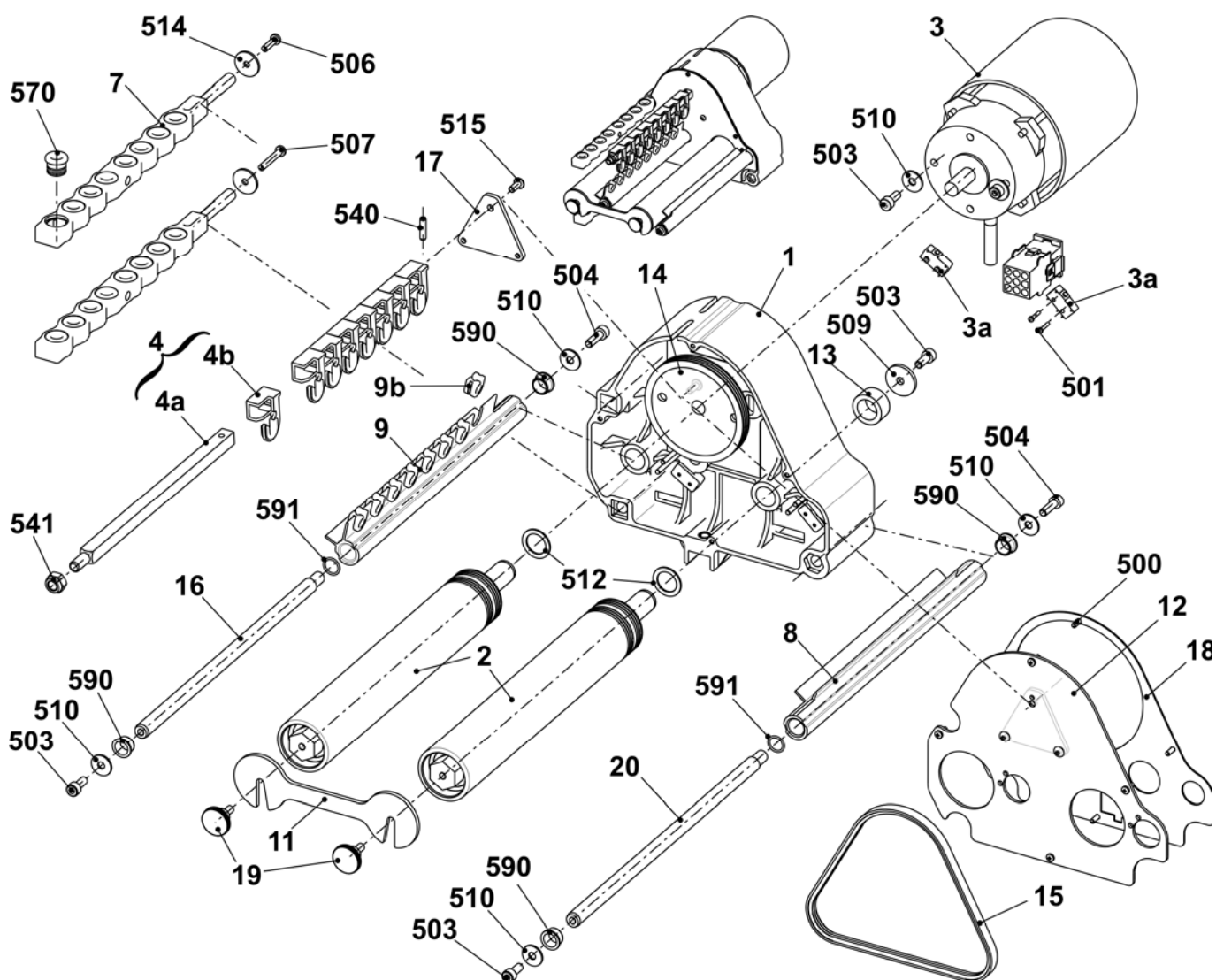
Left friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the left complete	243 571	13	Bush	221 391
1	Housing	240 368	14	Ribbed V-belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt pulley V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	17	Supporting plate	251 096
4	Deflector complete 8-fold	250 089	18	Cover	230 758
4a	Support rail	250 055	19	Knurled screw	223 361
4b	Eyelet holder complete	250 077	20	Rod	230 658
540	Spring dowel sleeve 4x15	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	244 736
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the left co. with eyelets	230 683	507	Screw KB 40x25	241 595
9b	Eyelet	230 662	509	Washer 5.3x22x2.5	023 219
590	Slide bearing	023 627	510	U-washer 5	020 901
591	O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	U-washer 4.3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450

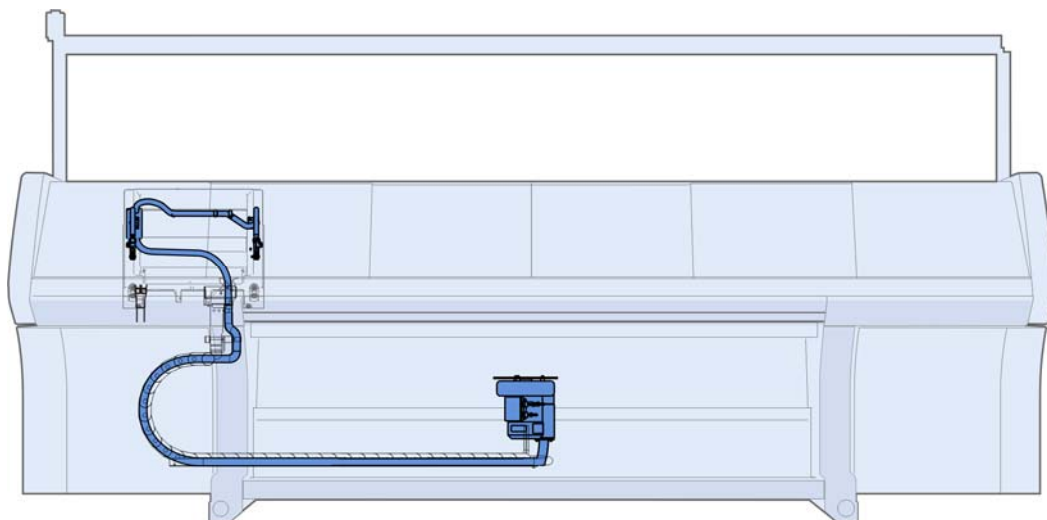


Right friction feed wheel

Pos	Designation	ID	Pos	Designation	ID
Σ	Friction feed wheel on the right complete	243 572	13	Bush	221 391
1	Housing	240 368	14	Ribbed V-belt pulley	221 268
2	Friction roller complete	231 704	15	Ribbed V-belt pulley V3J 406	206 927
3	Three-phase AC motor complete	219 800	16	Rod	221 319
3a	Microswitch	008 664	17	Supporting plate	251 096
4	Deflector complete 8-fold	250 089	18	Cover	230 758
4a	Support rail	250 055	19	Knurled screw	223 361
4b	Eyelet holder complete	250 077	20	Rod	230 658
540	Spring dowel sleeve 4x15	020 783	500	Screw KB30x8	236 228
541	Hexagon nut M8-8	022 843	501	Screw 20x10	244 736
7	Yarn guide rod complete	239 431	503	Cap screw M5x12	020 132
570	Eyelet 8	021 504	504	Cap screw M5x16	022 726
8	Stop motion rail on the right complete	230 690	506	Screw KB 40x14	241 358
9	Stop motion rail on the right co. with eyelets	230 682	507	Screw KB 40x25	241 595
9b	Eyelet	230 662	509	Washer 5.3x22x2.5	023 219
590	Slide bearing	023 627	510	U-washer 5	020 901
591	O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	U-washer 4.3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450

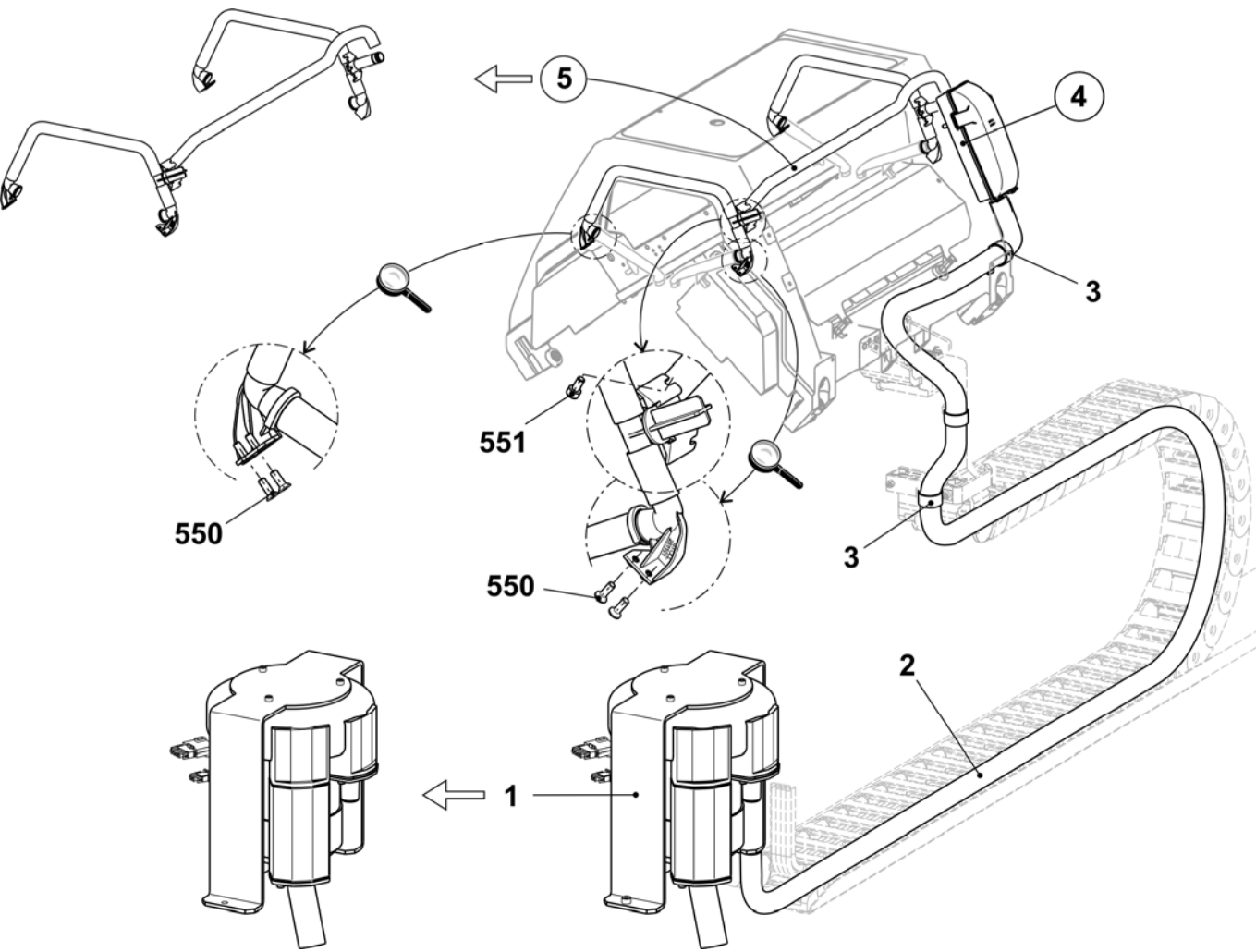


Fluff absorption



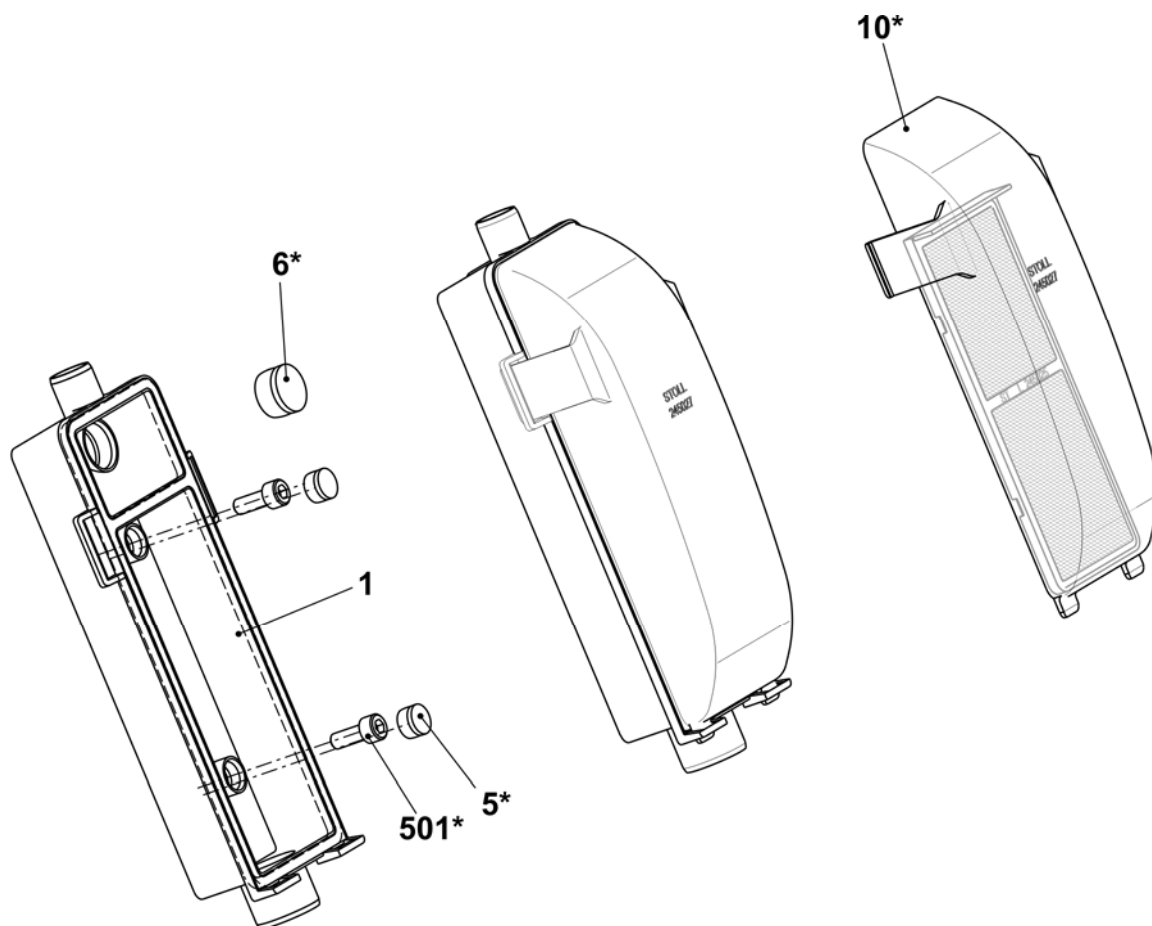
Fluff absorption

Pos	Designation	ID	Pos	Designation	ID
Σ	Fluff absorption				
1	Suction fan complete	251 332	5	Set of tubes co. 730/830C	251 341
2	Suction hose 29x25x3750	251 336	550	Countersunk head screw M4x8	251 011
3	Hose fitting	214 653	551	Cap screw M4x8	022 501
4	Lint container	245 024			



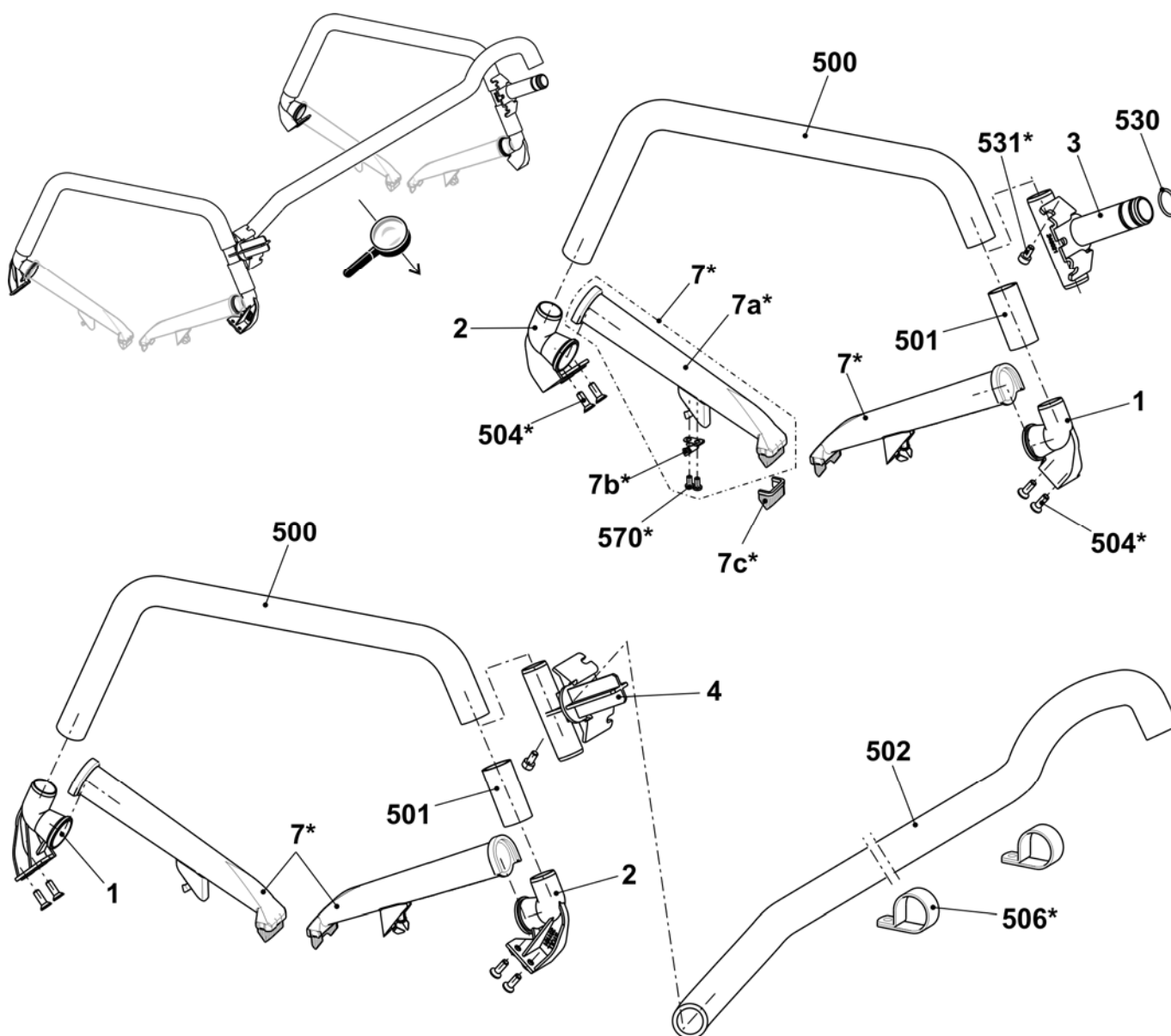
Lint container

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

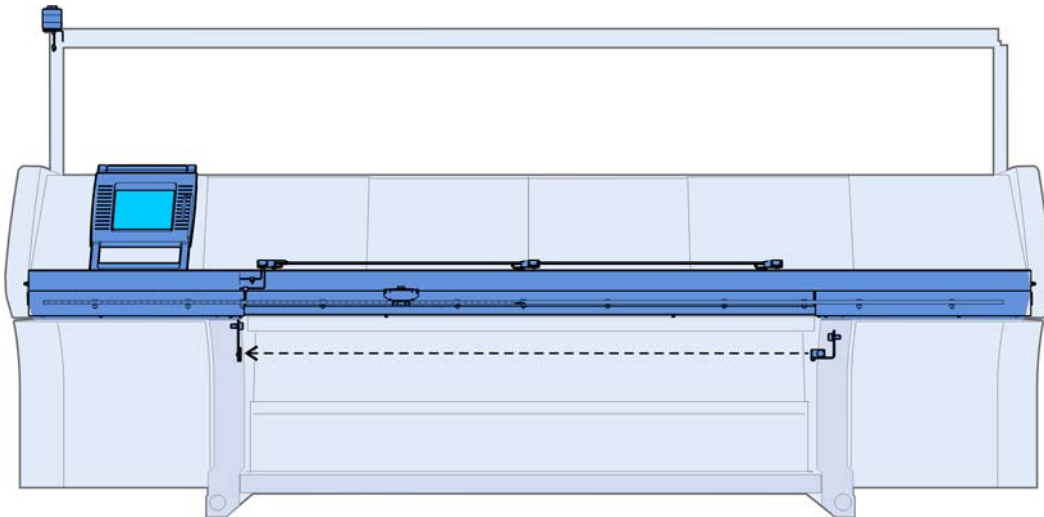


Set of tubes

Pos	Designation	ID	Pos	Designation	ID
Σ	Set of tubes complete 740/830C	251 341			
1	Angle connection on the right	250 121	7*	7b* Bracket	250 805
2	Angle connection on the left	251 101		7c* Brush	251 327
3	T-piece FLENT	245 021		570* Screw KB30x6	241 424
	530 O-ring 15x1.5	250 054	500	Suction hose 20x16x440	244 983
	531* Cap screw M4x8	022 501	501	Suction hose 20x16x40	251 043
4	Connection piece Flent	245 022	502	Suction hose 20x16x720	251 046
7*	Suction tube complete	251 326	504*	Countersunk head screw M4x12	023 062
	7a* Suction tube	250 120	506*	Cable clip	250 051

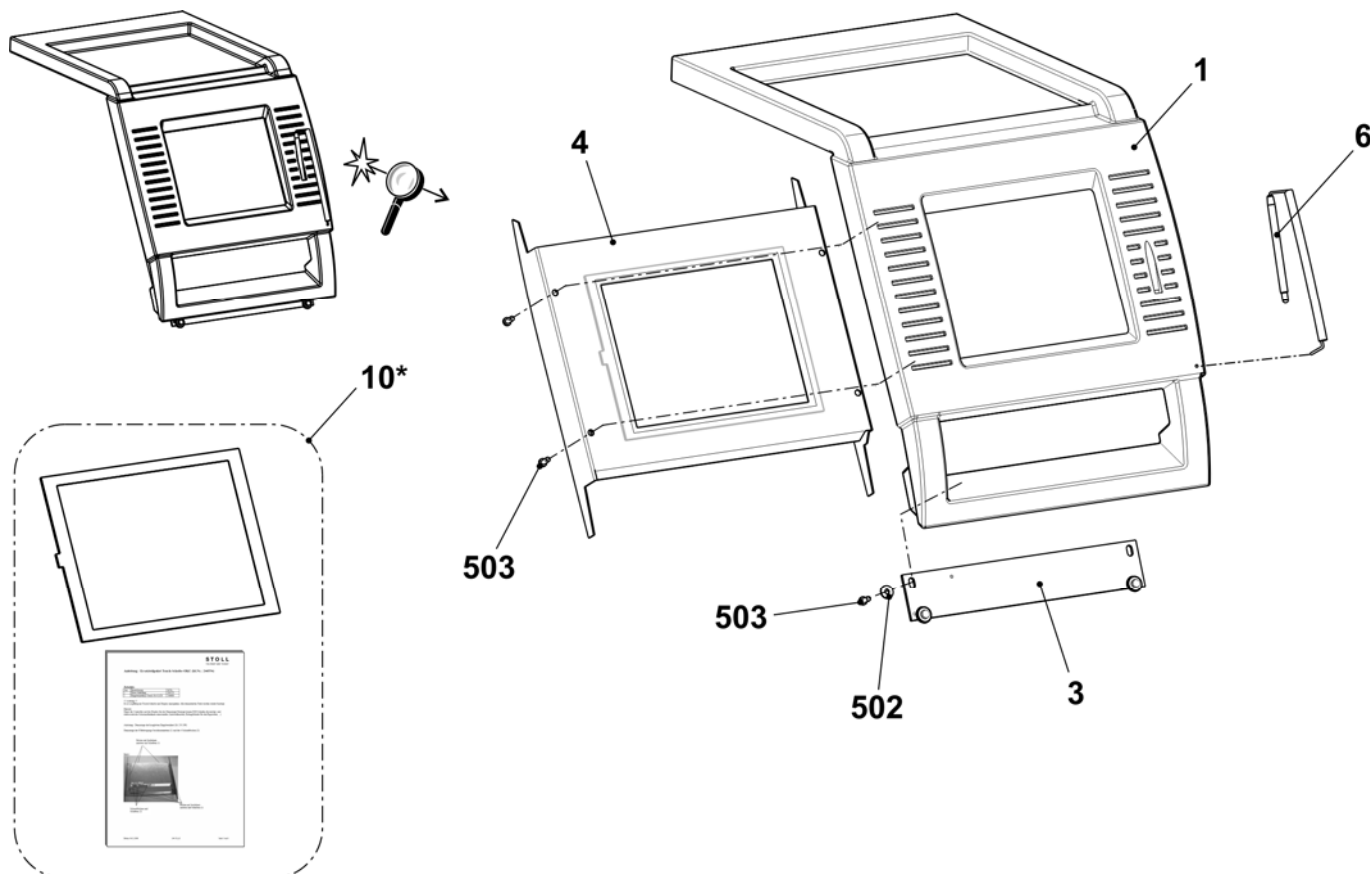


Operation and control



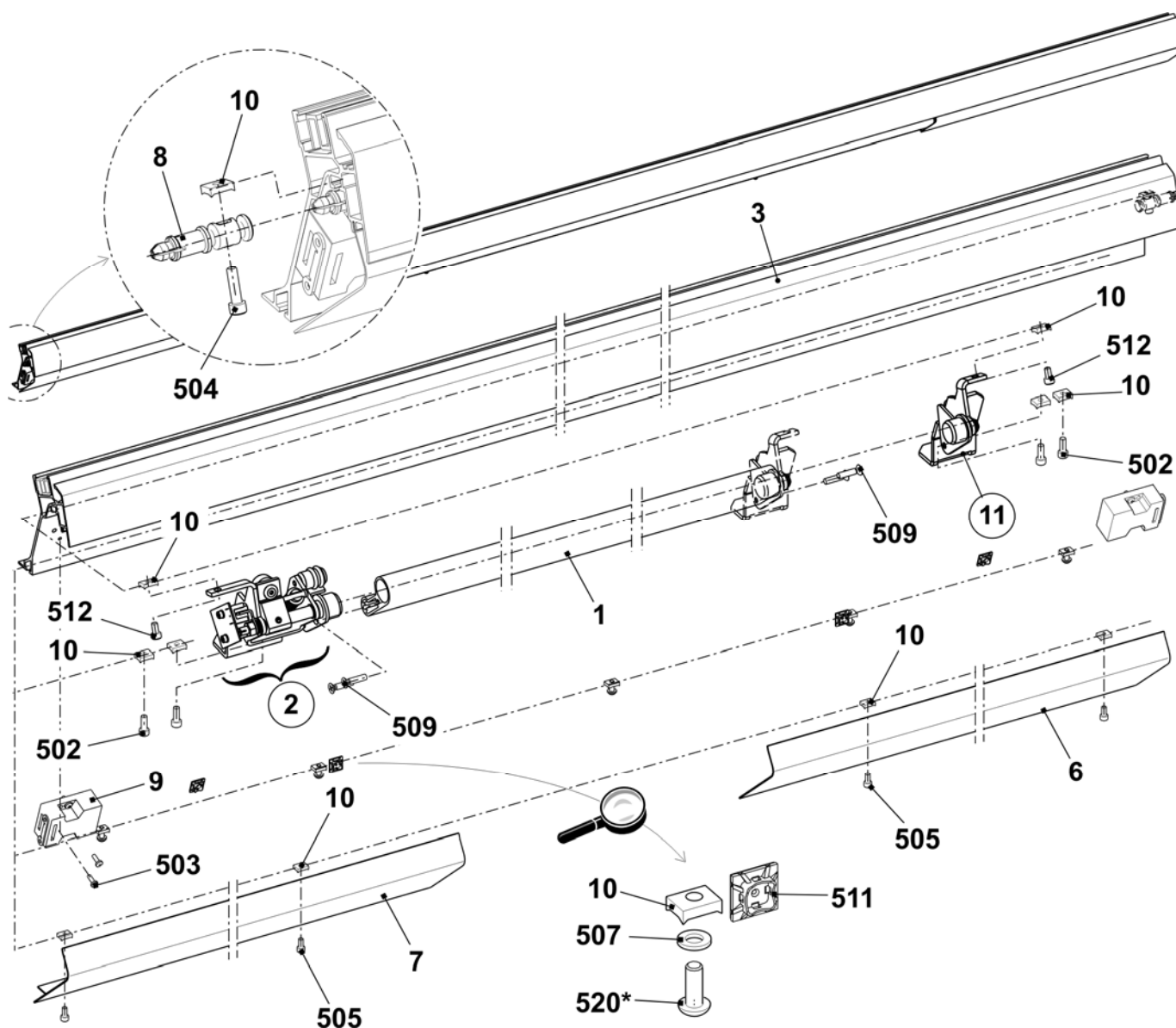
Input unit

Pos	Designation	ID	Pos	Designation	ID
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



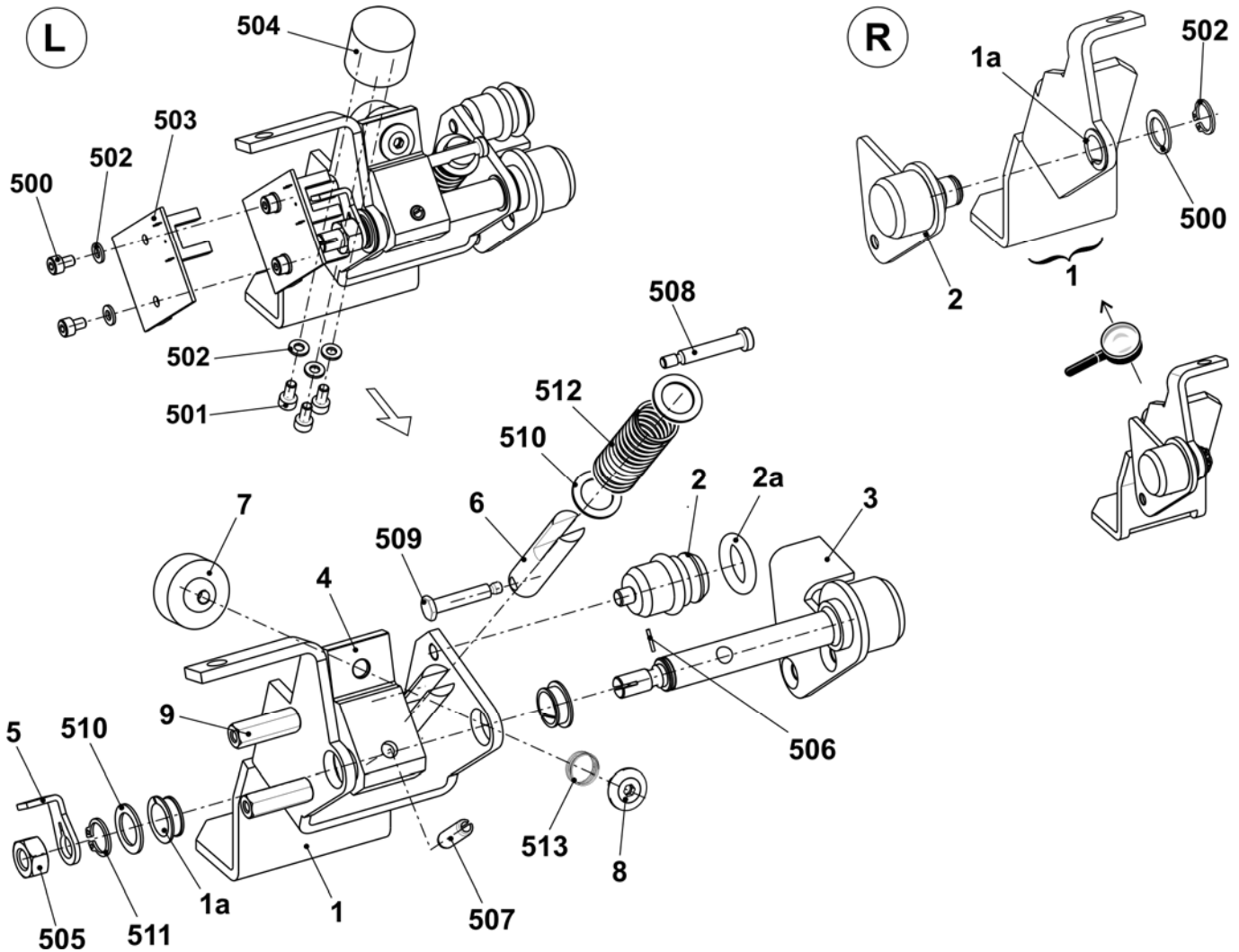
Starting unit

Pos	Designation	ID	Pos	Designation	ID
Σ	Starting unit complete	241 039			
1	Engaging rod	241 030	502	Cap screw M6x16	020 135
2	Bearing on the left complete	250 071	503	Countersunk screw M5x14	023 588
3	Guide rail at the bottom complete	251 227	504	Cap screw M6x20-12.9	020 136
6	Cover plate on the right	251 216	505	Cap screw M6x12	020 134
7	Cover plate on the left	251 217	507	U-washer	020 872
8	Fixing bolt	219 107	509	Screw M6x25	023 510
9	Switch with cable to protective hoods	223 350	511	Adhesive base	243 055
10	Sliding nut (sliding block)	225 099	512	Cap screw M6x10	023 690
11	Bearing on the right complete	252 964	520*	Countersunk screw M6x16	023 124



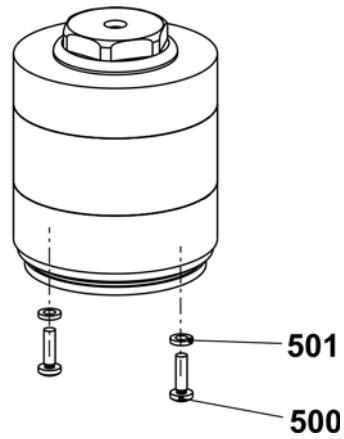
Bearing of the engaging rod

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	020 067	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 OKC	240 167	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Locking ring 12x1	020 951



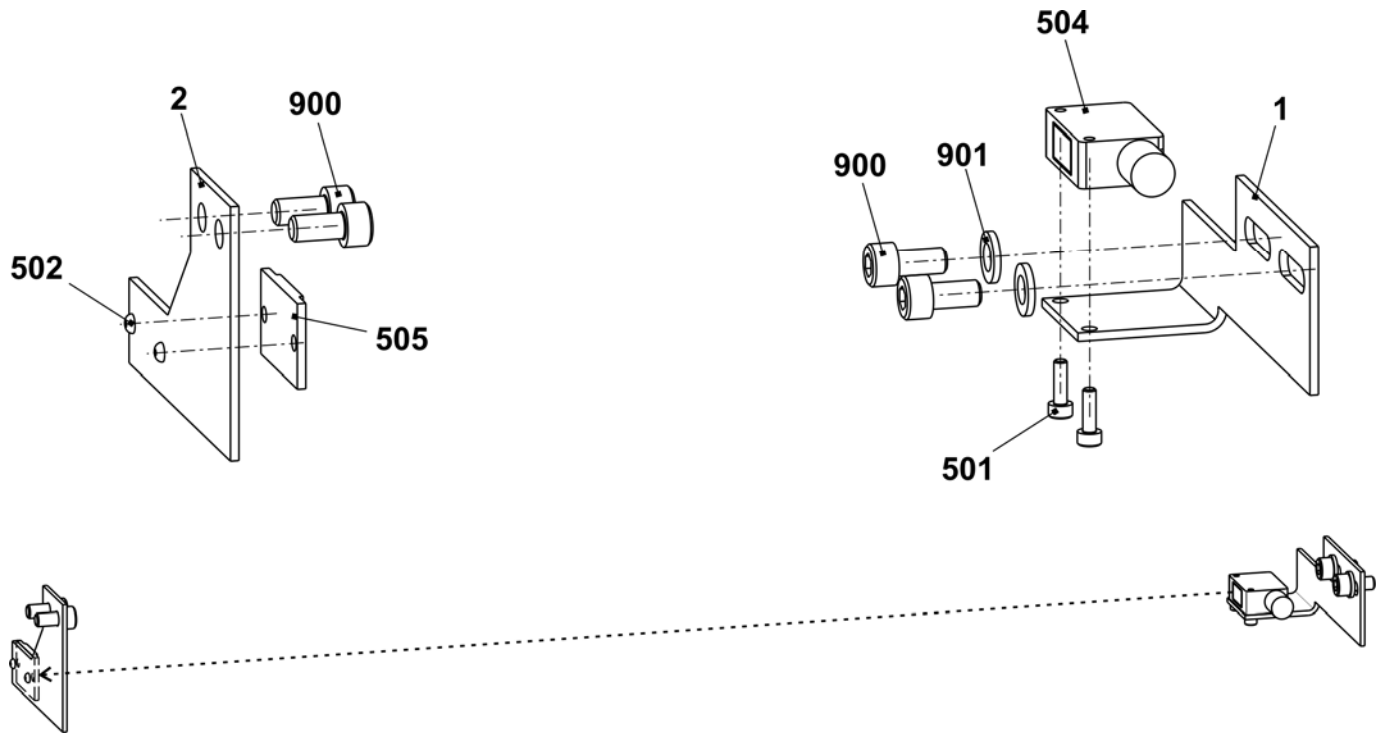
Signal light

Pos	Designation	ID	Pos	Designation	ID
Σ	Signal light LED single lamp with horn	251 153			
	500 Countersunk screw M4x14	023 037			
	501 Serrated lock washer A4.3-FS	022 482			



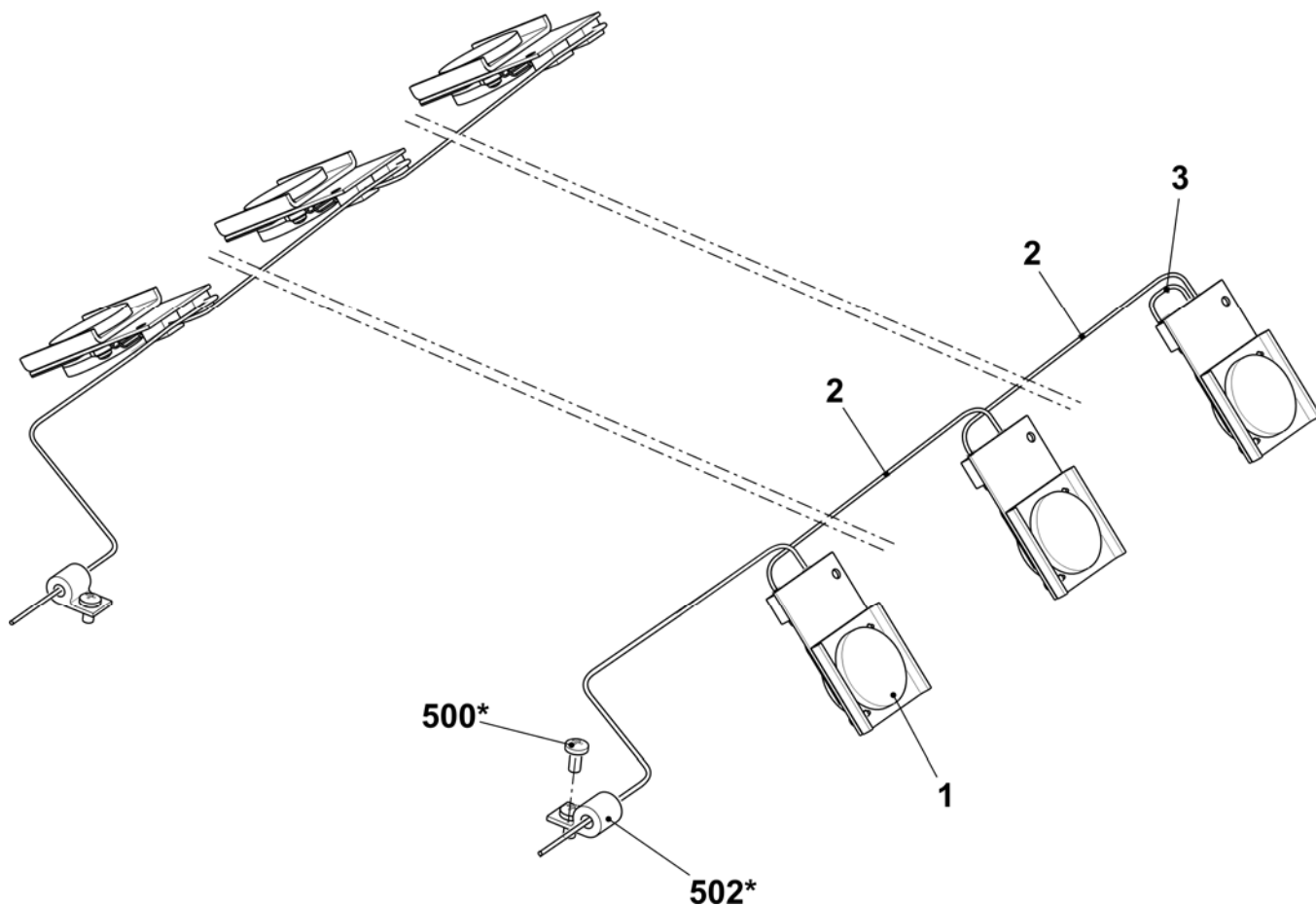
Collecting area - control

Pos	Designation	ID	Pos	Designation	ID
Σ	Collecting area - control				
1	Angle support photoelectric sensor	243 353	504	Photoelectric sensor W100-P4330	243 355
2	Mounting plate reflector	243 354	505	Reflector 20x20 mm	243 356
501	Cap screw M3x10	022 991	900	Cap screw M6x12	020 134
502	Blind rivet A3x8-Al	023 158	901	U-washer 6	020 872



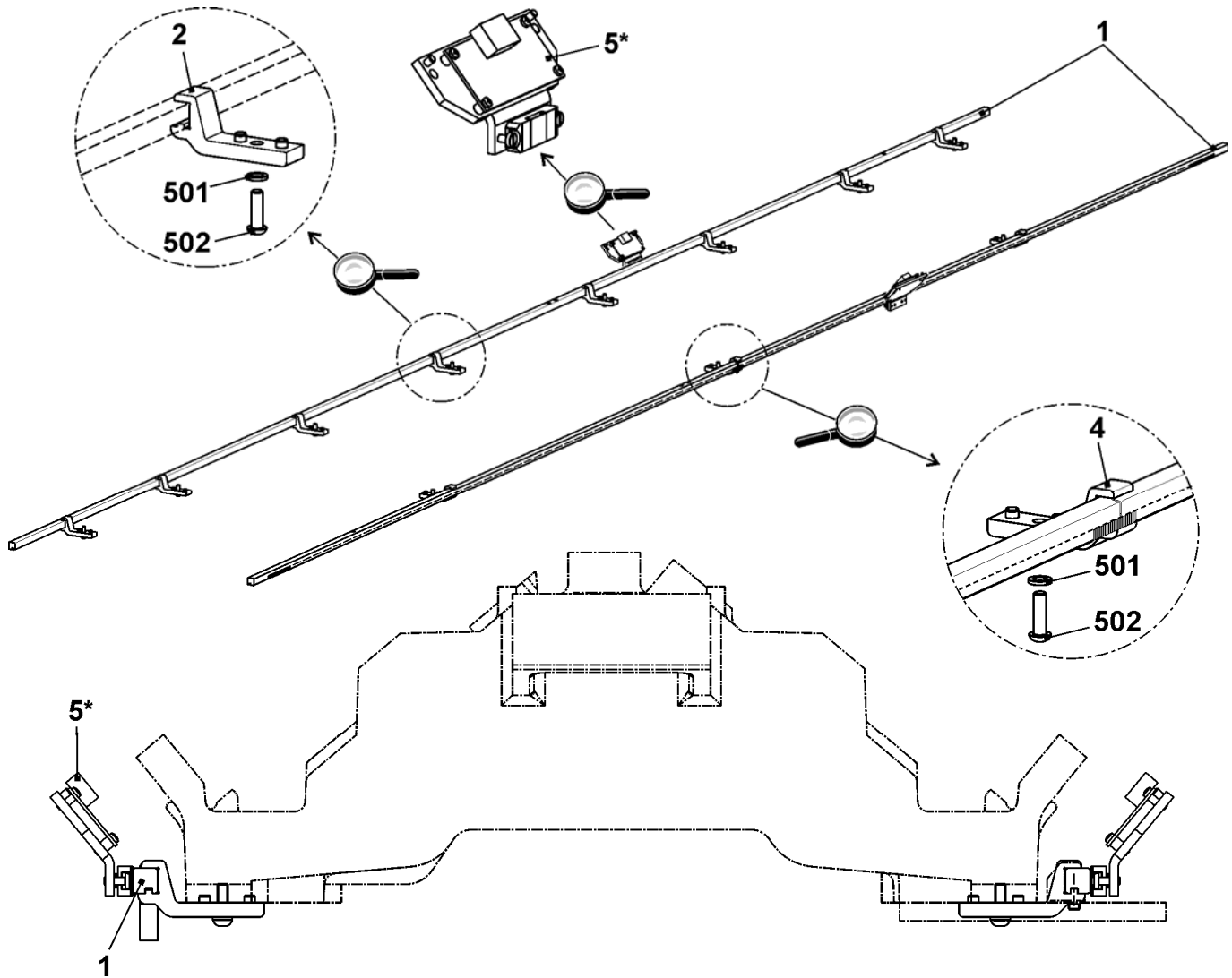
Shock stop motion

Pos	Designation	ID	Pos	Designation	ID
Σ	Shock stop motion complete	237 280			
1	Shock stop motion (Piezo)	220 011	500*	Countersunk screw M4x8	023 036
2	Cable connection piezo	220 061	502*	Cable clip N-3B 5 mm	210 729
3	End plug piezo sensor	220 062			

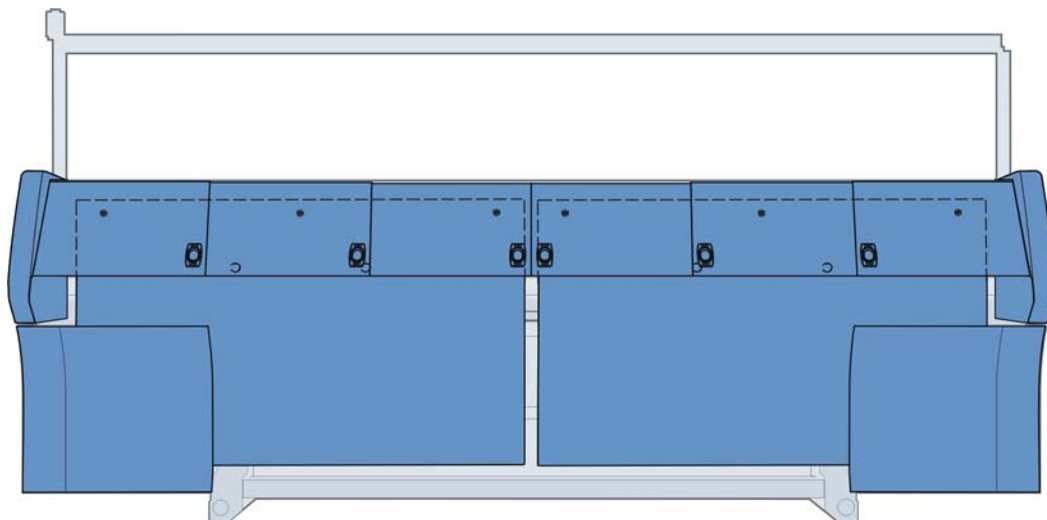


Measuring device

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

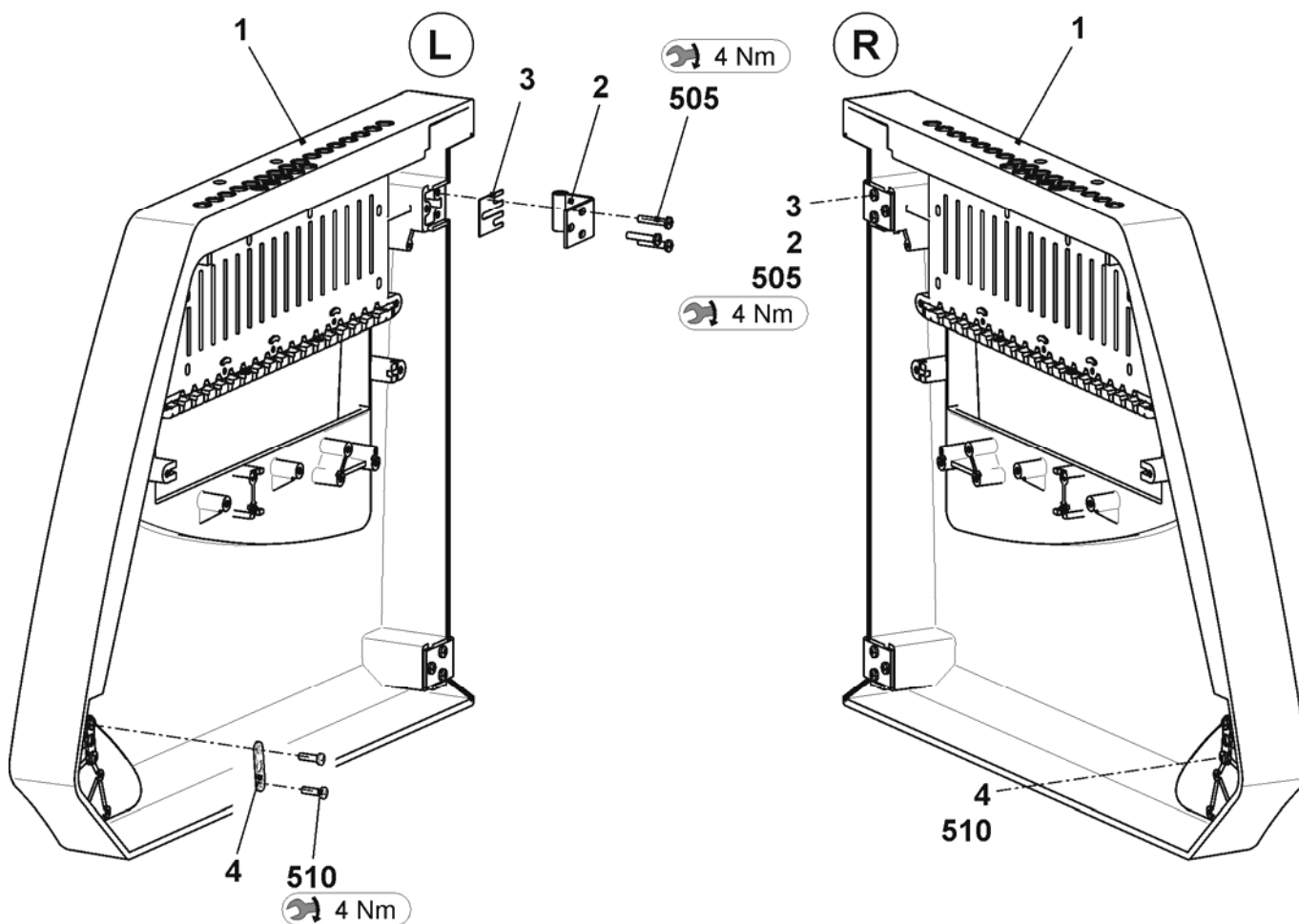


Protective units



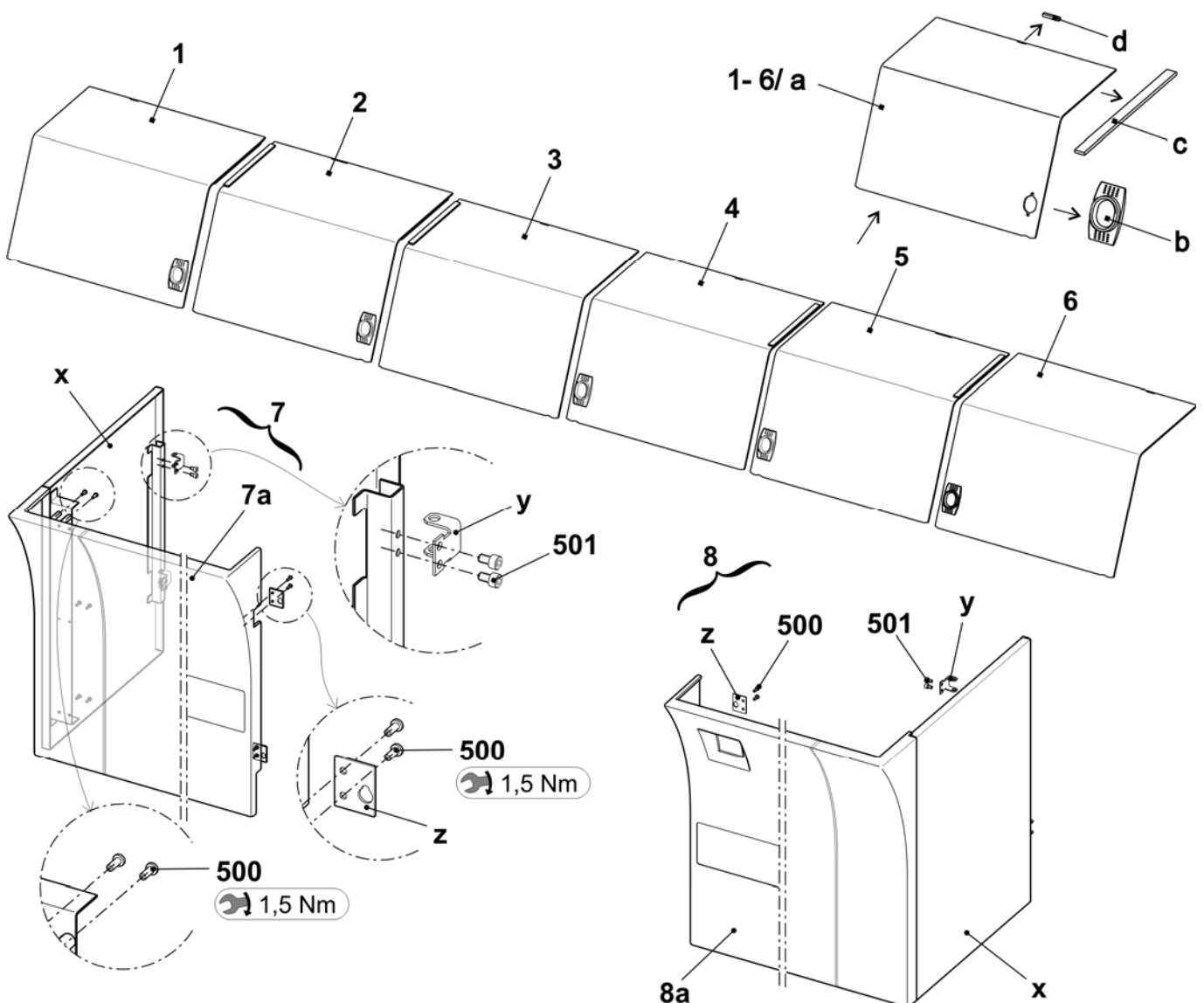
Lateral safety covers

Pos	Designation	ID	Pos	Designation	ID
Σ	Safety cover on the left co. E3 - E5	241 271	Σ	Safety cover on the right co. E3 - E5	241 274
1	Safety cover on the left	250 562	1	Safety cover on the right	250 563
2	Hinge	241 994	505	Screw KB 60x30	237 683
3	Plate	224 717	510	Screw KB 60x20	237 682
4	Locking plate	219 748			



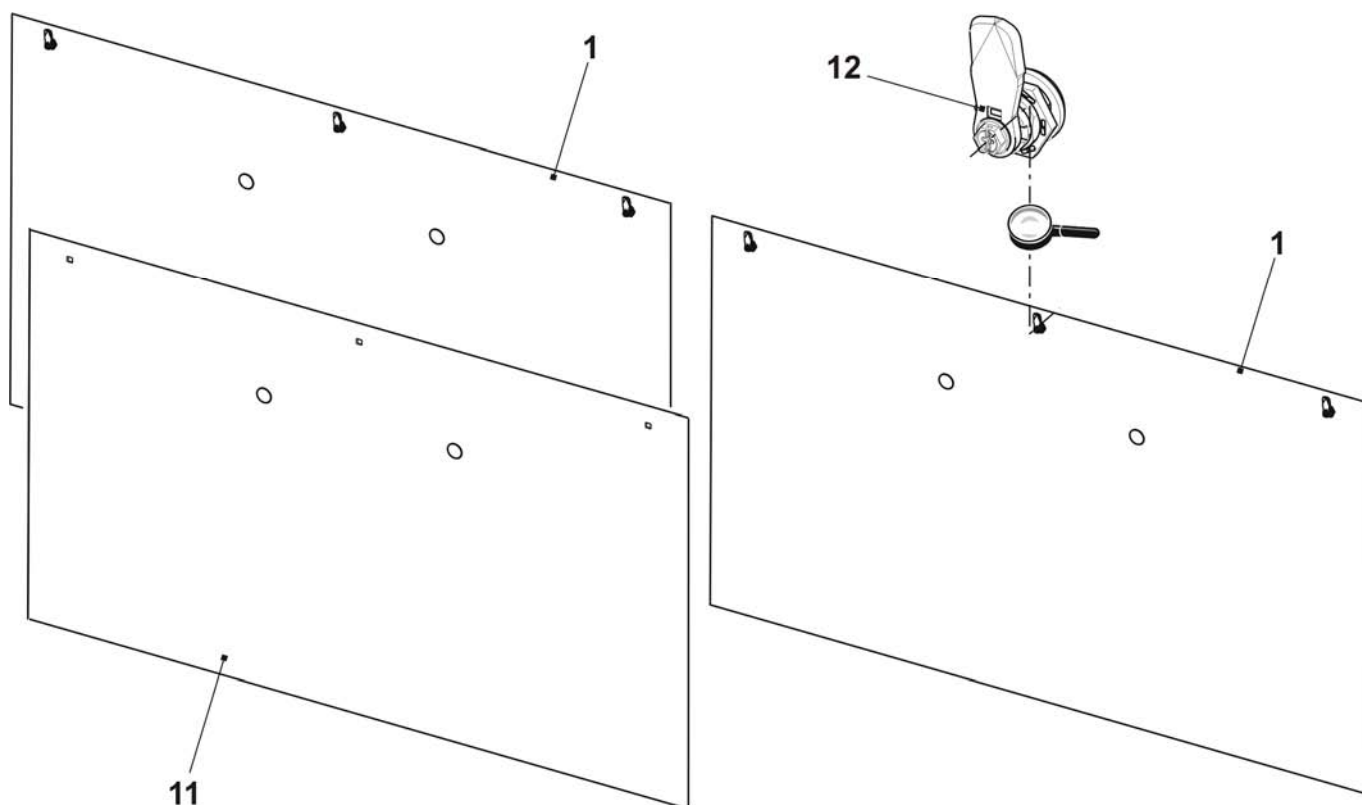
Panelling

Pos	Designation	ID	Pos	Designation	ID
1	Cover 1 (complete)	251 280	1-6	b Inlet type handle	251 376
1a	Cover 1	251 274	c	Stripper	219 393
2	Cover 2 (complete)	251 281	d	Magnet	255 129
2a	Cover 2	251 275	7	Control unit panelling on the left complete	251 237
3	Cover 3 (complete)	251 282	7a	Control unit panelling on the left	251 190
3a	Cover 3	251 276	8	Control unit panelling on the right co.	251 238
4	Cover 4 (complete)	251 283	8a	Control unit panelling on the right	251 191
4a	Cover 4	251 277	7-8	x Side part	244 989
5	Cover 5 (complete)	251 284	y	Hinge	250 273
5a	Cover 5	251 278	z	Strap	240 412
6	Cover 6 (complete)	251 285	500	Screw KB 50x12	240 359
6a	Cover 6	251 279	501	Cap screw M6x16	020 135

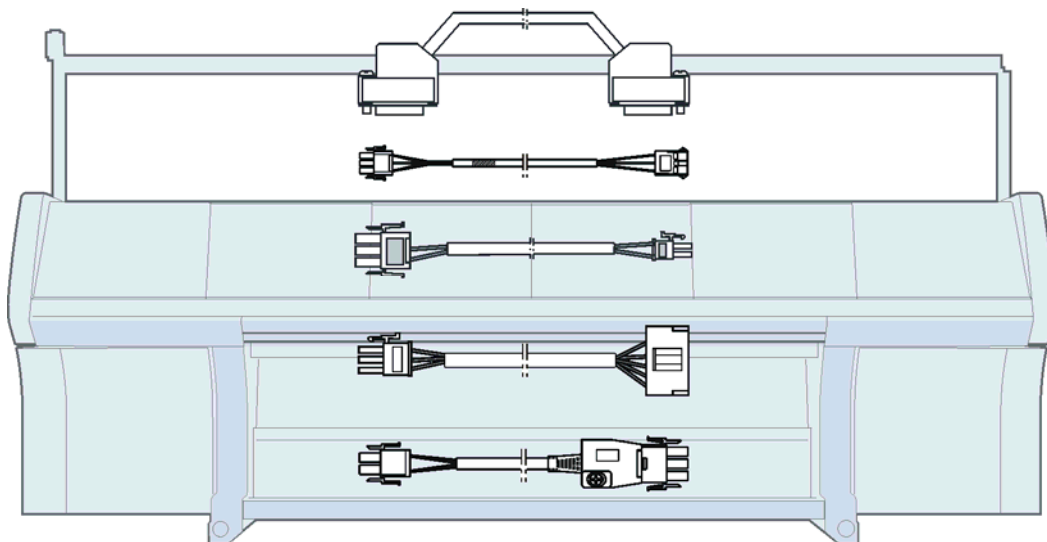


Rear panel

Pos	Designation	ID	Pos	Designation	ID
1	Panelling at the rear complete	251 571	11	Panelling	251 570
			12	Safety sash fastener	243 052



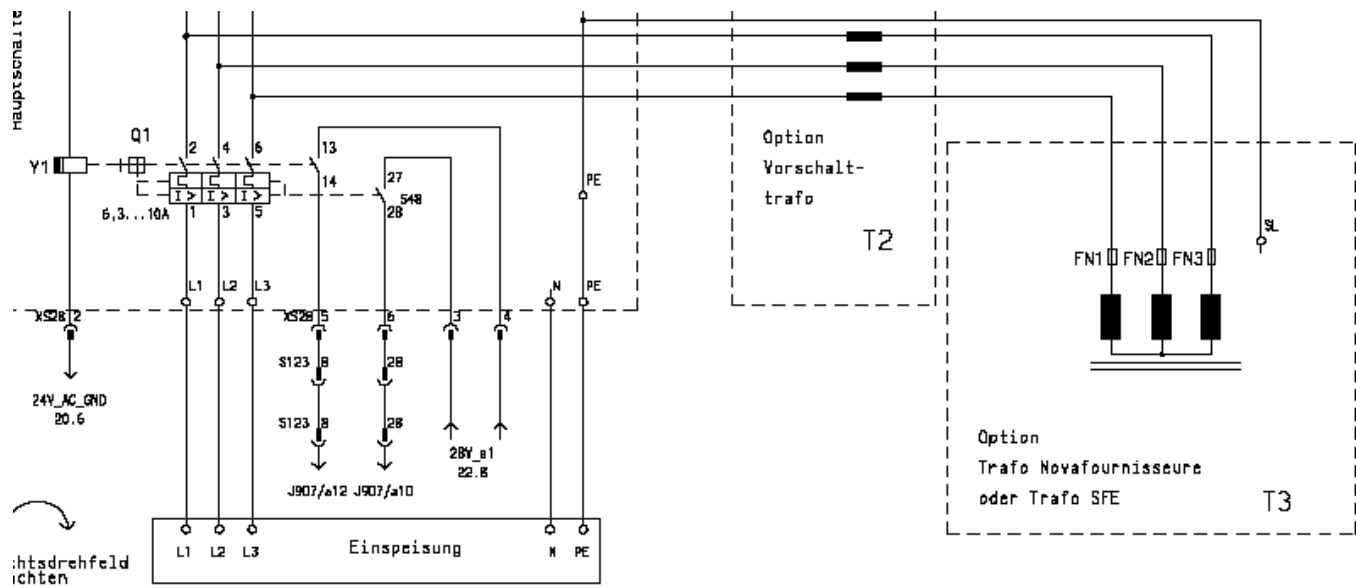
Electrical equipment



Circuit diagram (219) as PDF

Designation	ID	Identification
Circuit diagram 219 German	243 991	DE
Circuit diagram 219 English	243 991	GB
Circuit diagram 219 Chinese	243 991	CN

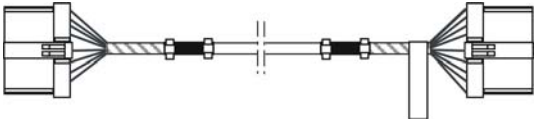
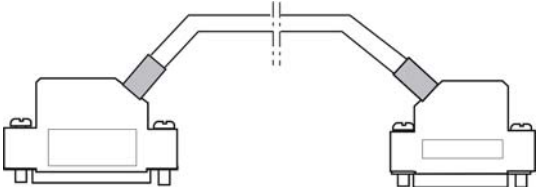
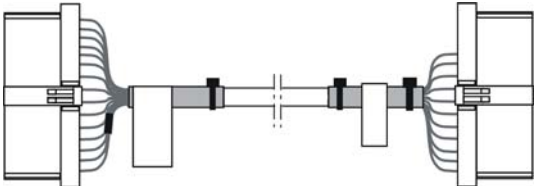
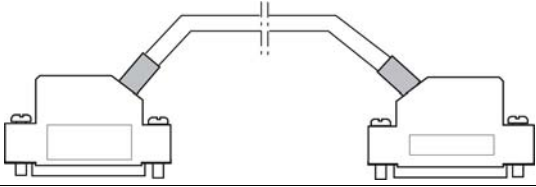
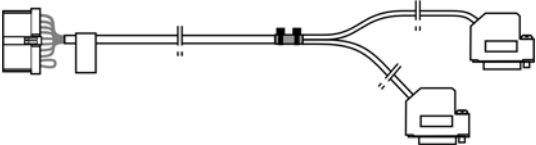
You will find the circuit diagram 219 on the CMS documentation DVD with the identification number 253 132



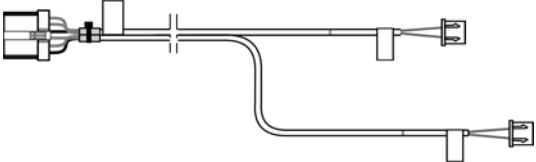
Fuses

	<i>Designation</i>	<i>ID</i>
	Fuse 1.0A F 5x20	008 748
	Fuse 3.15A T/440V 6.3x32	025 261
	Fuse 10A T/440V 6.3x32	025 258
	Fuse 2.5A T/440V 6.3x32	217 465
	Fuse 1.6A T/440V 6.3x32	236 229
	Fuse 6.3A T/440V 6.3x32	026 809
	Fuse 8A T/440V 6.3x32	241 866
	Fuse 12.5A T/440V 6.3x32	232 367

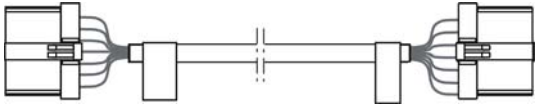
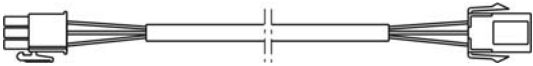
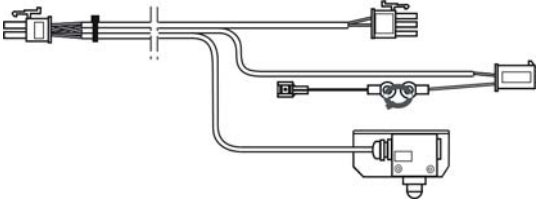
Trailing cable

Designation	ID	Designation	ID
Trailing cable set 830C OKC	253 734		
Cable impulse giver at the rear on the right XL136 822 OKC	242 285	Cable SM at the rear XL325 830C OKC	244 225
		Cable SM at the front XL327 830C OKC	244 229
			
Cable yarn carrier 830C OKC	244 224	Cable signal at the rear XL326 830C OKC	244 226
		Cable signal at the front XL328 830C OKC	244 230
			
Cable holding-down jack control 830C OKC	244 231		
			

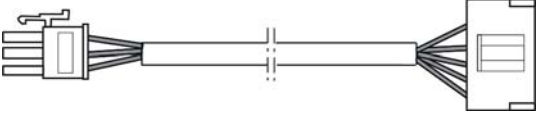
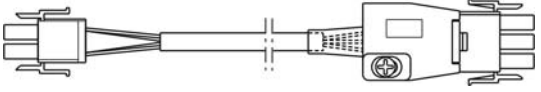
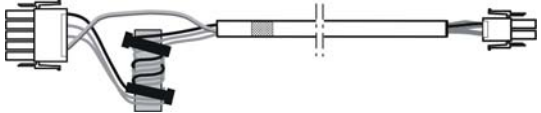
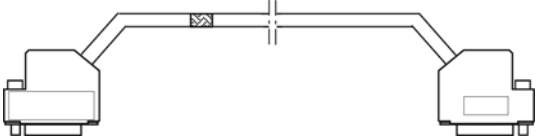
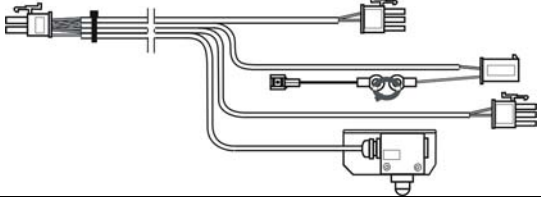
Cable set installation

Designation		ID	Designation		ID
Σ	Cable set installation 8XX OKC	242 224			
1	Loom of cables base 1 OKC	240 256	4	Loom of cables comb OKC	240 259
2	Loom of cables base 2 OKC	240 257	8	Cable piezo needle bed OKC	240 518
3	Loom of cables 84" OKC	242 225			

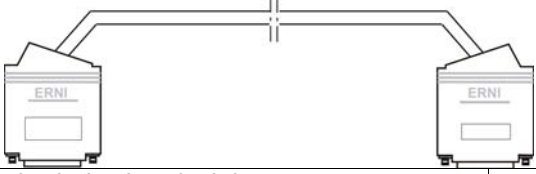
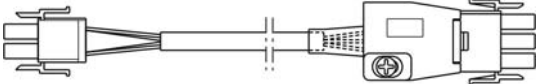
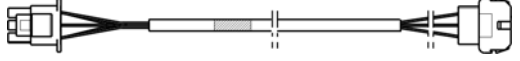
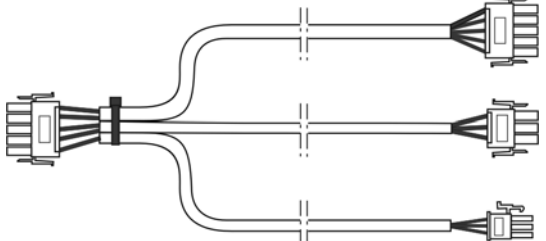
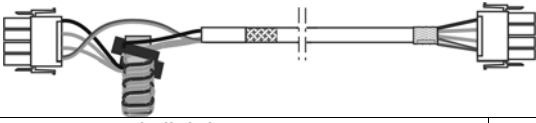
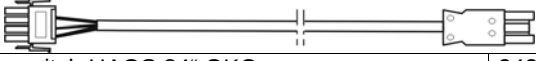
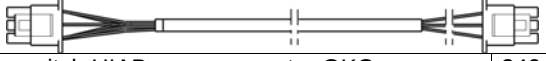
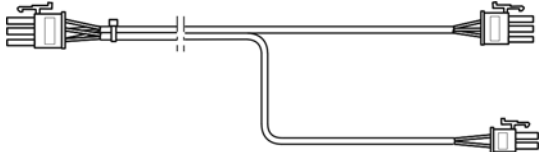
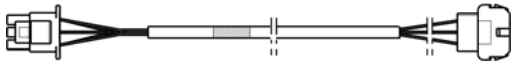
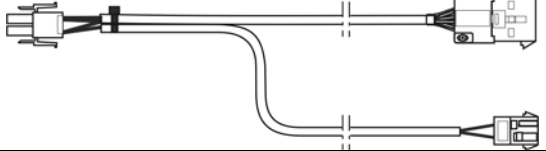
Loom of cables base 1 OKC

Designation	ID	Designation	ID
Loom of cables base 1 OKC	240 256		
Cable engaging OKC 3XX	240 289	Cable mains supply FKE lamp OKC	240 290
			
Cable protective unit on the left OKC	253 442		
			

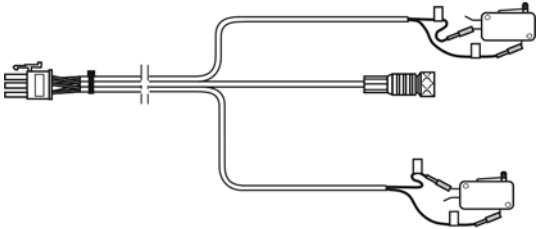
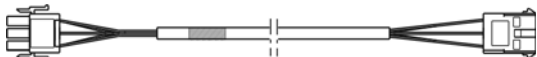
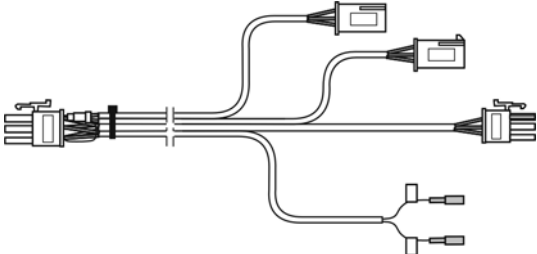
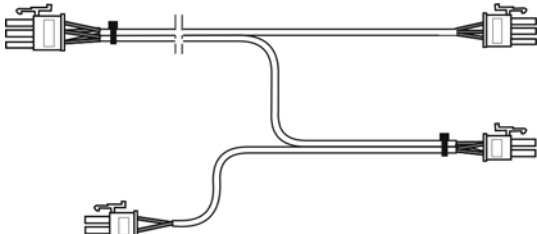
Loom of cables base 2 OKC

Designation	ID	Designation	ID
Loom of cables base 2 OKC	240 257		
Cable motor HAAB OKC	240 291	Cable racking limit switch OKC	240 292
			
Cable ventilator drive OKC	240 293	Cable feed wheel on the right OKC	240 294
			
Cable drive motor OKC	240 295	Cable resolver drive OKC	240 296
Cable racking motor OKC	240 297	Cable resolver racking OKC	240 298
			
Cable protective unit on the right OKC	238 706		
			

Loom of cables 84"

Designation	ID	Designation	ID
Loom of cables 84" OKC	242 225		
Cable CAN 84"	240 461	Cable electro 84" OKC	240 463
			
Cable feed wheel on the left 84" OKC	240 466	Cable motor HIAB 84" OKC	242 226
			
Cable switch HIAB 84" OKC	242 227	Cable power supply WAZ/F 84" OKC	240 471
			
Cable power supply Servo 84"	240 504	Cable power supply of mains supply OKC	240 505
			
Cable power supply lighting 84" OKC	240 507	Cable motor HAAB OEF/S 84" OKC	242 228
			
Cable switch HAOS 84" OKC	242 229	Cable switch HIAB pressure motor OKC	240 593
			
Cable HIAB pressure motor OKC	240 592	Cable power supply FLENT 84" OKC	251 243
			

Loom of cables comb

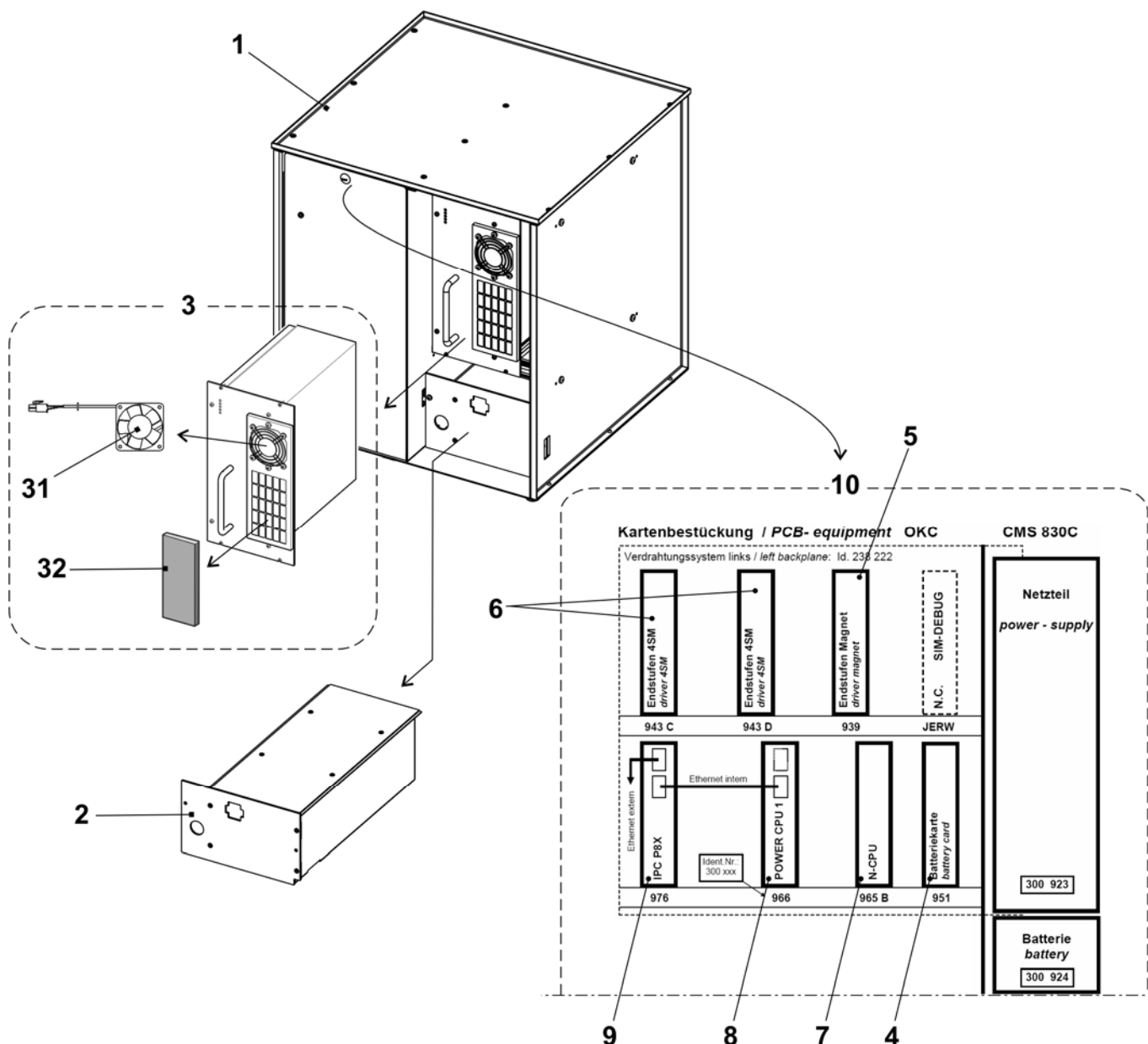
Designation	ID	Designation	ID
Loom of cables comb OKC	240 259		
Cable motor comb hook OKC	240 308	Cable switch KAHA OKC	240 309
			
Cable motor comb OKC	240 310	Cable switch comb OKC	240 311
			
Cable switch HAAB OKC	240 312		
			

Control electronics



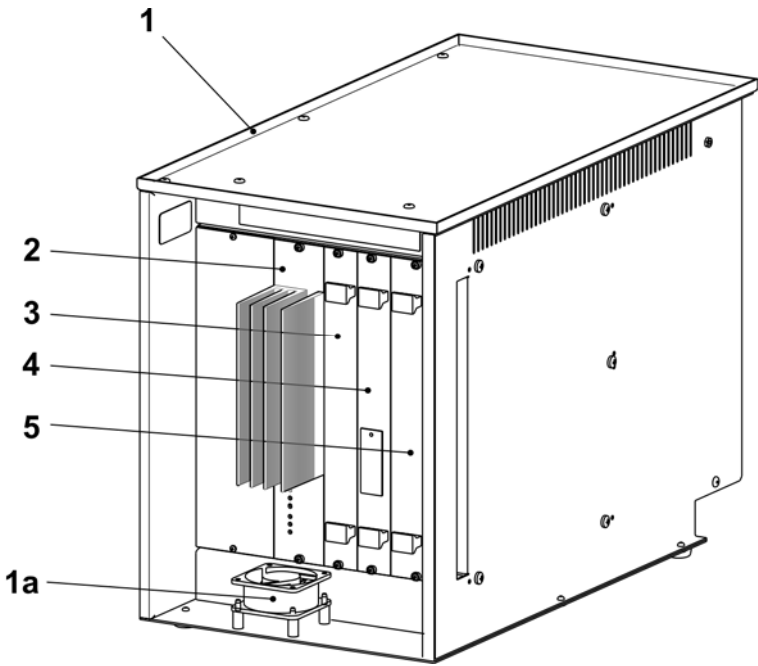
Left control cabinet

Pos	Designation	ID	Pos	Designation	ID
Σ	Control unit on the left co. 830C OKC	241 312			
1	Control unit on the left without equipment	238 751	5	Card YC final stages short circuit proof	300 939
2	Battery plug-in unit	300 924	6	Card amplifier 4SM 7TE	300 943
3	Power supply CG54	300 923	7	Card N-CPU 432	300 965
31	Ventilator power supply	239 305	8	Card power CPU1	300 966
32	Filter mat CG54	239 350	9	Card IPC P8X OKC	300 976
4	Card battery OKC	300 951	10	Adhesive label of card equipment	244 168

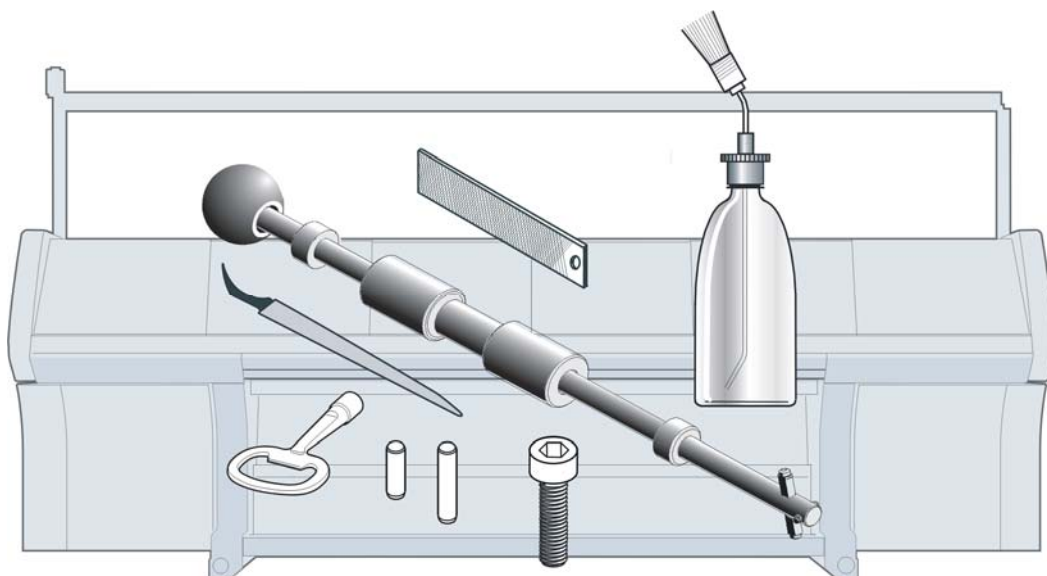


Right control cabinet

Pos	Designation	ID	Pos	Designation	ID
Σ	Control unit on the right co. 2A 72'' okc	238 738			
1	Control unit on the right without equipment	238 737	3	Card relay OKC	300 953
1a	Axial ventilator Servo05	229 059	4	Card CWAZ	300 929
2	Card Servo6 okc	301 000	5	Card CWAZ capacitor	300 936



Deliverable accessories

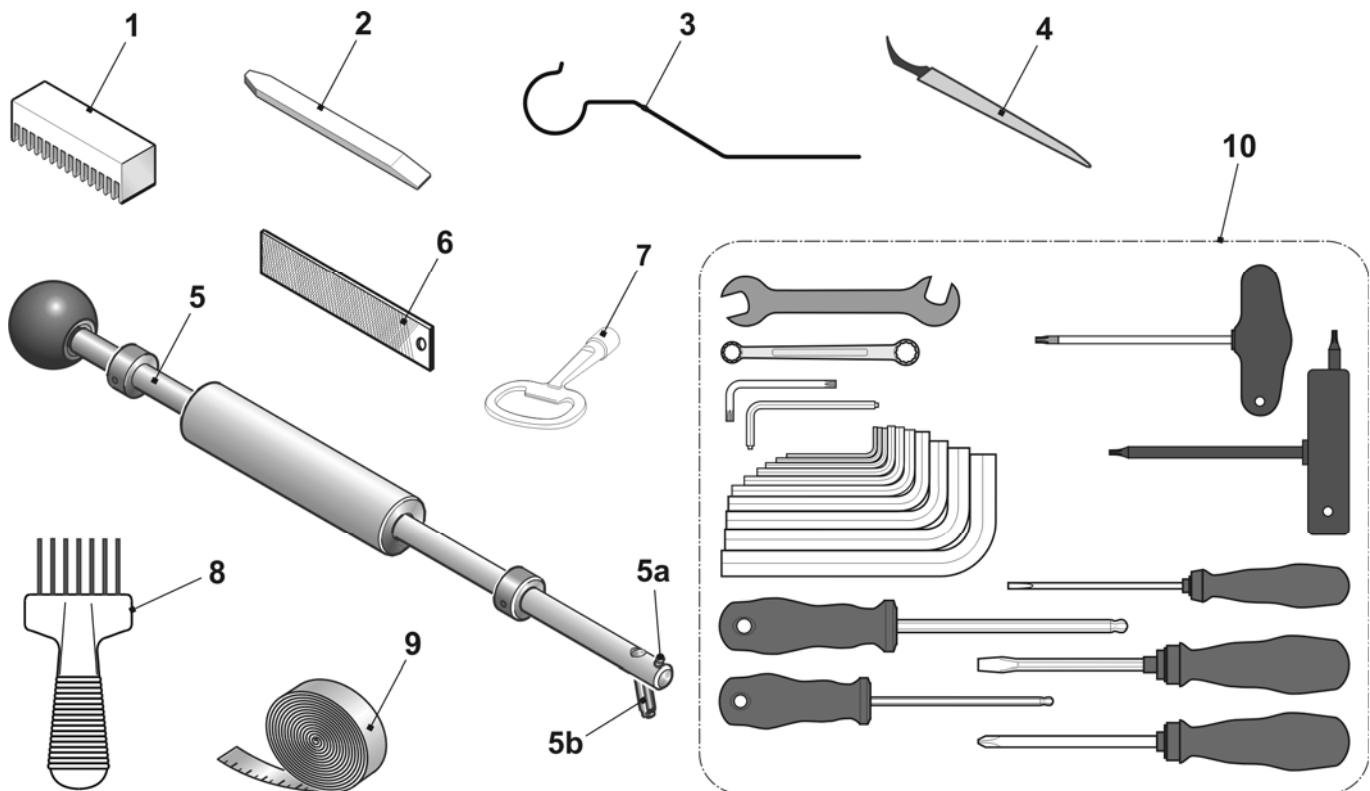


You can order the following tools, lubricants and expendables.

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

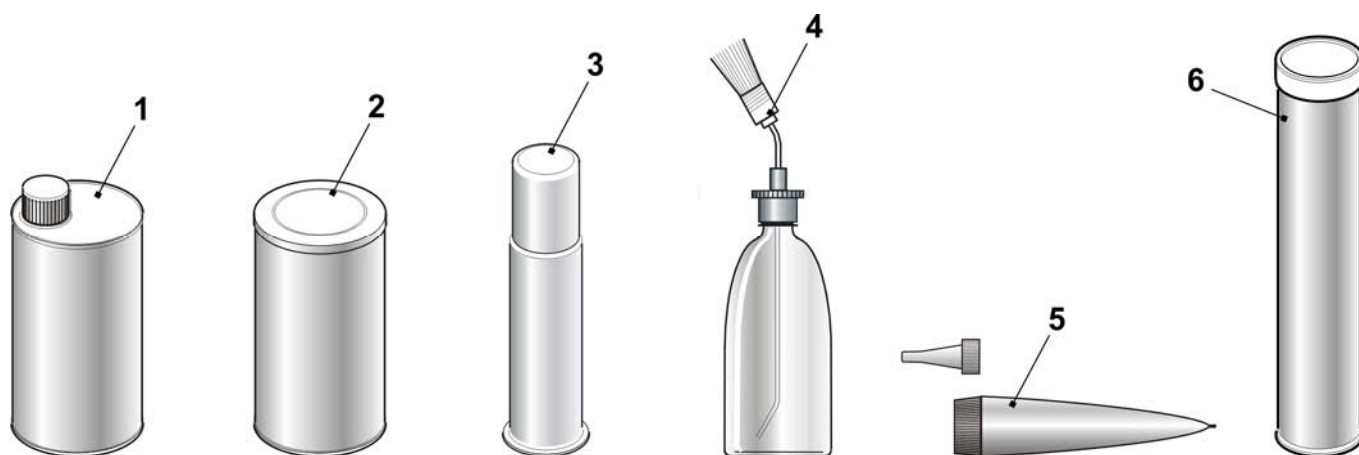
Tool

Pos	Designation	ID	Pos	Designation	ID
1	Channel support E4	062 309	6	Groove file 1.33 mm E3-4	006 169
	Channel support E5, E2,5.2	062 310		Groove file 1.25 mm E5-8, E3,5.2	006 170
	Channel support E7, E3,5.2	062 312		Groove file 0.90 mm E10-12, E5.2 + 6.2	006 175
	Channel support E8	062 313		Groove file 0.73 mm E14, E7.2	006 173
	Channel support E10, E5.2	062 314		Groove file 0.45 mm E16-18, E9.2	006 179
	Channel support E12, E6.2	062 315	7	Key of switch cabinet	009 346
	Channel support E14, E7.2	218 069	8	Groove cleaner E4	031 232
	Channel support E16, E8.2	230 188		Groove cleaner E5	031 233
	Channel support E18, E9.2	230 189		Groove cleaner E6	031 234
	Channel support E20	230 190		Groove cleaner E7, E3,5.2	031 235
2	Channel chisel E14-20 (E5-14)	062 316		Groove cleaner E8	031 236
	Channel chisel E4-8 (E3,5.2)	062 317		Groove cleaner E10 (E5.2)	031 238
	Channel chisel E10-14	062 318		Groove cleaner E12 (E6.2)	031 240
3	Yarn guide on the left	227 071		Groove cleaner E14 (E7.2)	031 242
	Yarn guide on the right	227 070		Groove cleaner E16	225 111
4	Working hook	227 249		Groove cleaner E18 (E9.2)	225 112
	Extraction hook	232 027		Groove cleaner E20	225 113
5	5a Small pin	202 843	9	Measuring tape L=150 cm	228 180
	5b Pin	232 022	10	Tool kit	209 527



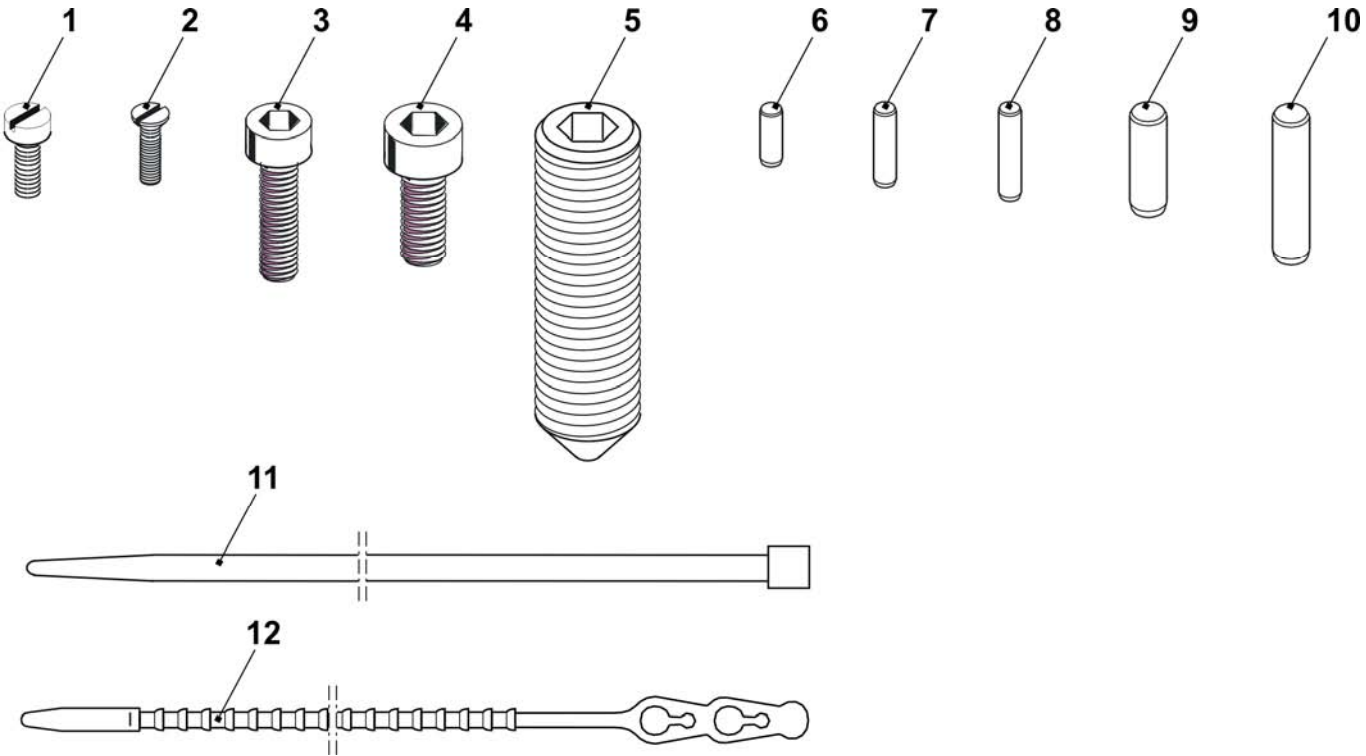
Lubricating stuff

Pos	Designation	ID	Pos	Designation	ID
1	Textile machines oil T46, 1l	230 614	4	Ölkombifix	216 732
2	Grease OKS 475, 1kg	009 200	5	White grease paste OKS270	229 372
3	Grease OKS 475, 150g	005 351	6	Grease Staburags NBU 12/300KP	231 191

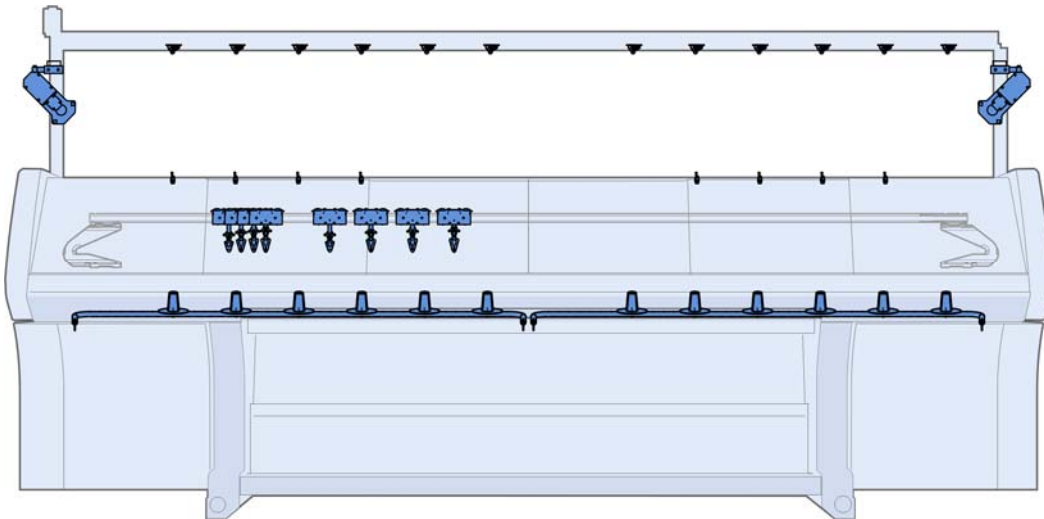


Mechanical parts

Pos	Designation	ID	Pos	Designation	ID
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 302x4.8 mm	008 642
5	Set screw M16x50	023 235		Cable binder 92x2.4mm	008 378
6	Setting pin 3x7	020 643			
7	Setting pin 3x10	020 645	12	Reusable tie ABV 232 320 mm	026 557
8	Setting pin 3x12	020 647			
9	Setting pin 5x12	021 988			
10	Setting pin 5x18	022 622			

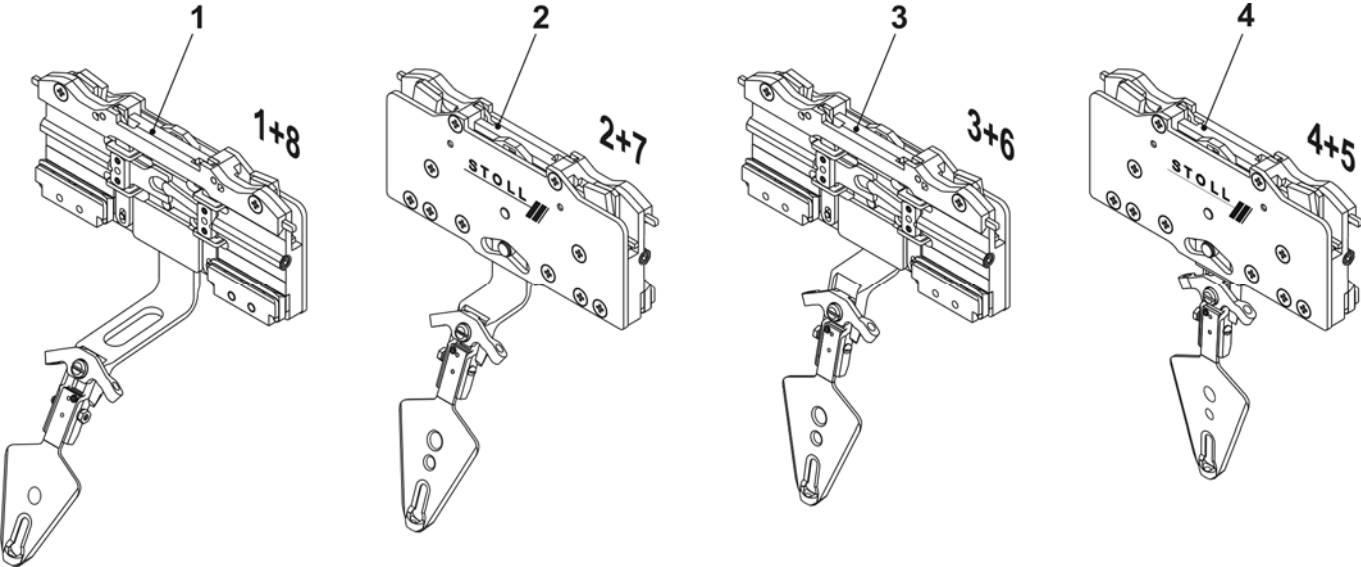


Special equipment



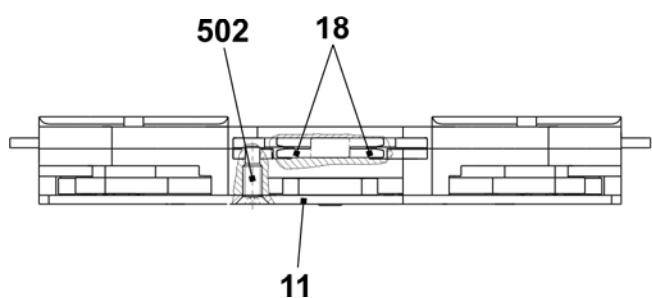
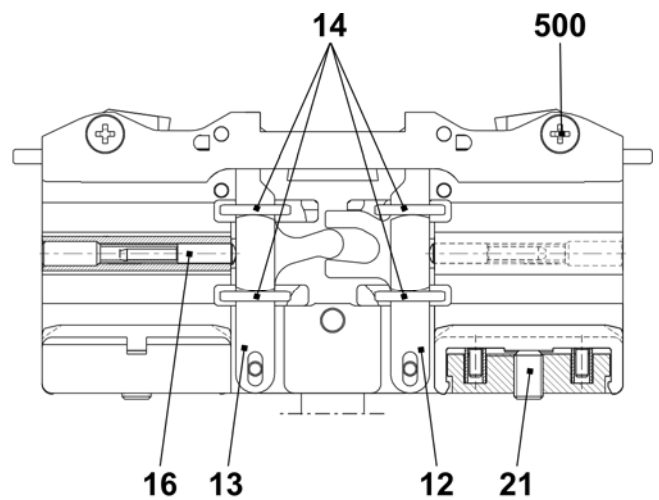
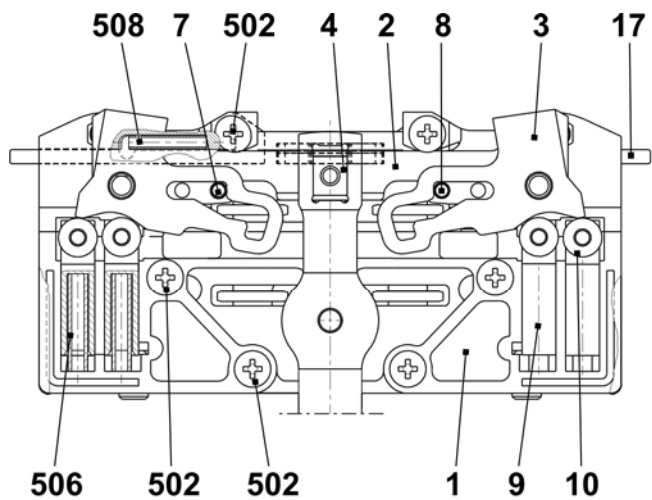
Complete intarsia yarn carriers

Pos	Designation	ID	Pos	Designation	ID
1	IYC carriage 1+8 complete	213 773	3	IYC carriage 3+6 complete	213 775
2	IYC carriage 2+7 complete	213 774	4	IYC carriage 4+5 complete	213 776



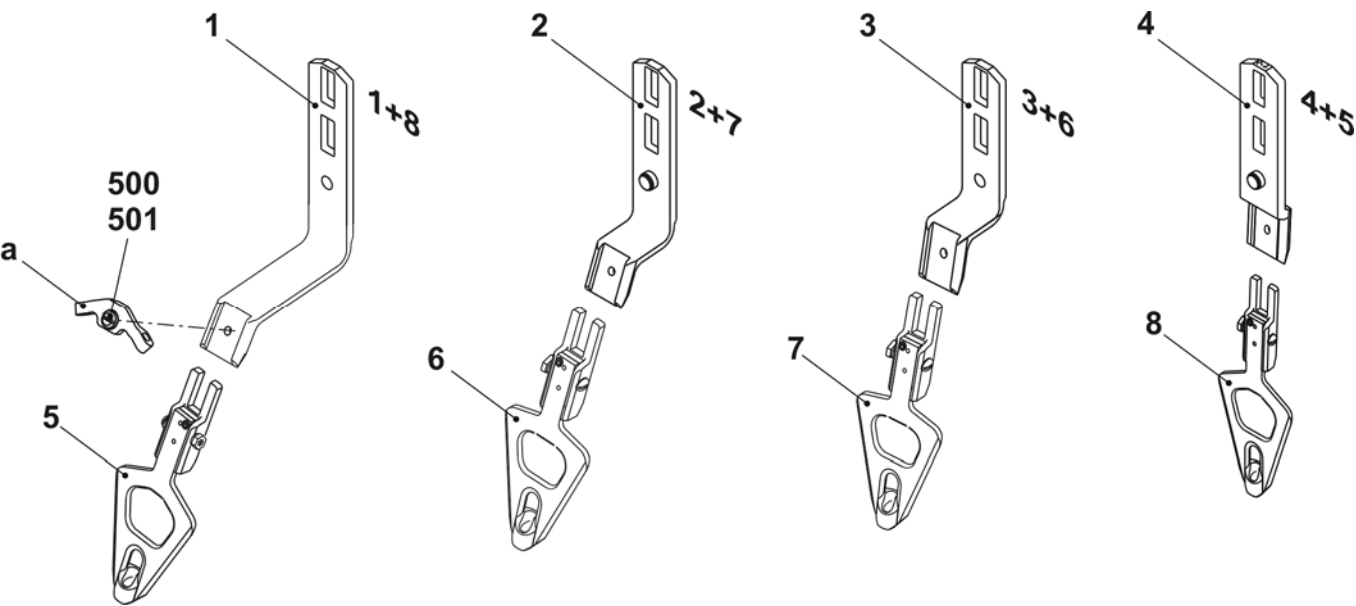
Carriage IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	IYC carriage 1+8 complete	213 773			
	IYC carriage 2+7 complete	213 774	11	Cover	213 392
	IYC carriage 3+6 complete	213 775	12	Clamping lever on the right	216 100
	IYC carriage 4+5 complete	213 776	13	Clamping lever on the left	216 101
1	Basic plate complete	213 408	14	Pressure plate 2.04	201 654
2	Slider	217 188		Pressure plate 2.06	208 924
3	Locking plunger	212 508	16	Spring pin	201 677
4	Sliding block	213 807	17	Lifter	212 547
7	Locating pin 3.3 (2+7/3+6)	212 504	18	Sliding part	213 391
	Locating pin 3.4 (1+8/2+7/3+6/4+5)	212 505	21	Threaded bolt	213 399
8	Locating pin 3.3 (2+7/3+6/4+5)	212 504	500	Countersunk head screw M4x6	022 994
	Locating pin 3.4 (2+7/3+6/4+5)	212 505	502	Countersunk head screw M4x12.5	022 979
	Locating pin 3.5 (1+8)	212 506	506	Compression spring 4.0x0.7x25	022 969
9	Thrust piece	212 773	508	Compression spring 2.8x0.35x19	023 394
10	Pressure roller	212 774			



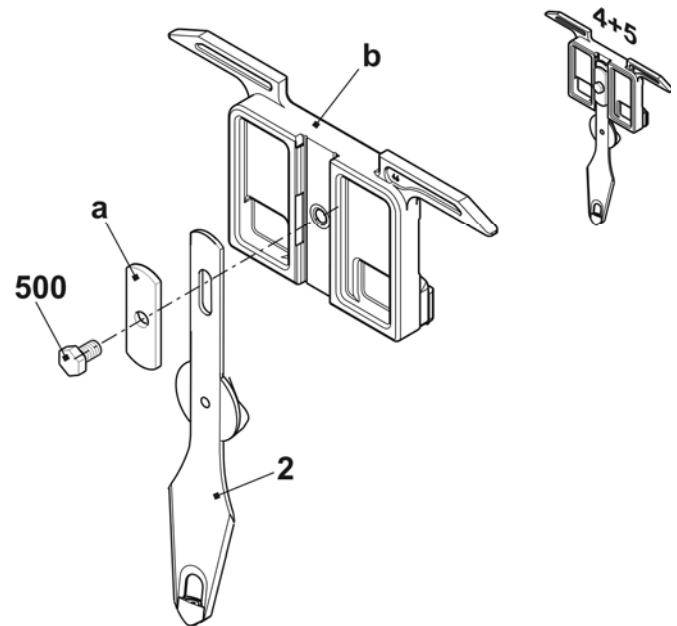
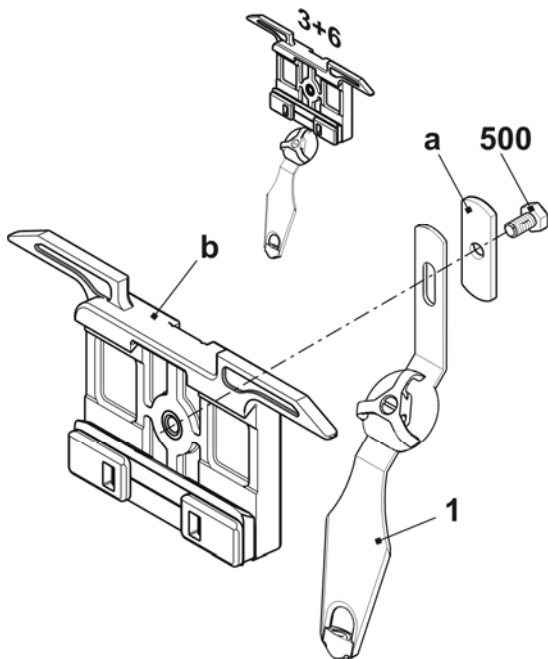
Bow and head IYC

Pos	Designation	ID	Pos	Designation	ID
Σ	IYC carriage 1+8 complete	213 773			
	IYC carriage 2+7 complete	213 774	5	YC head 1+8 complete	216 352
	IYC carriage 3+6 complete	213 775	6	YC head 2+7 complete	216 353
	IYC carriage 4+5 complete	213 776	7	YC head 3+6 complete	216 354
1	YC bow 1+8 complete	213 768	8	YC head 4+5 complete	216 535
2	YC bow 2+7 complete	213 769	a	Yarn guide angle	201 672
3	YC bow 3+6 complete	213 770	500	Cap screw M4x8	022 977
4	YC bow 4+5 complete	213 771	501	Circlip S4-FST	022 774



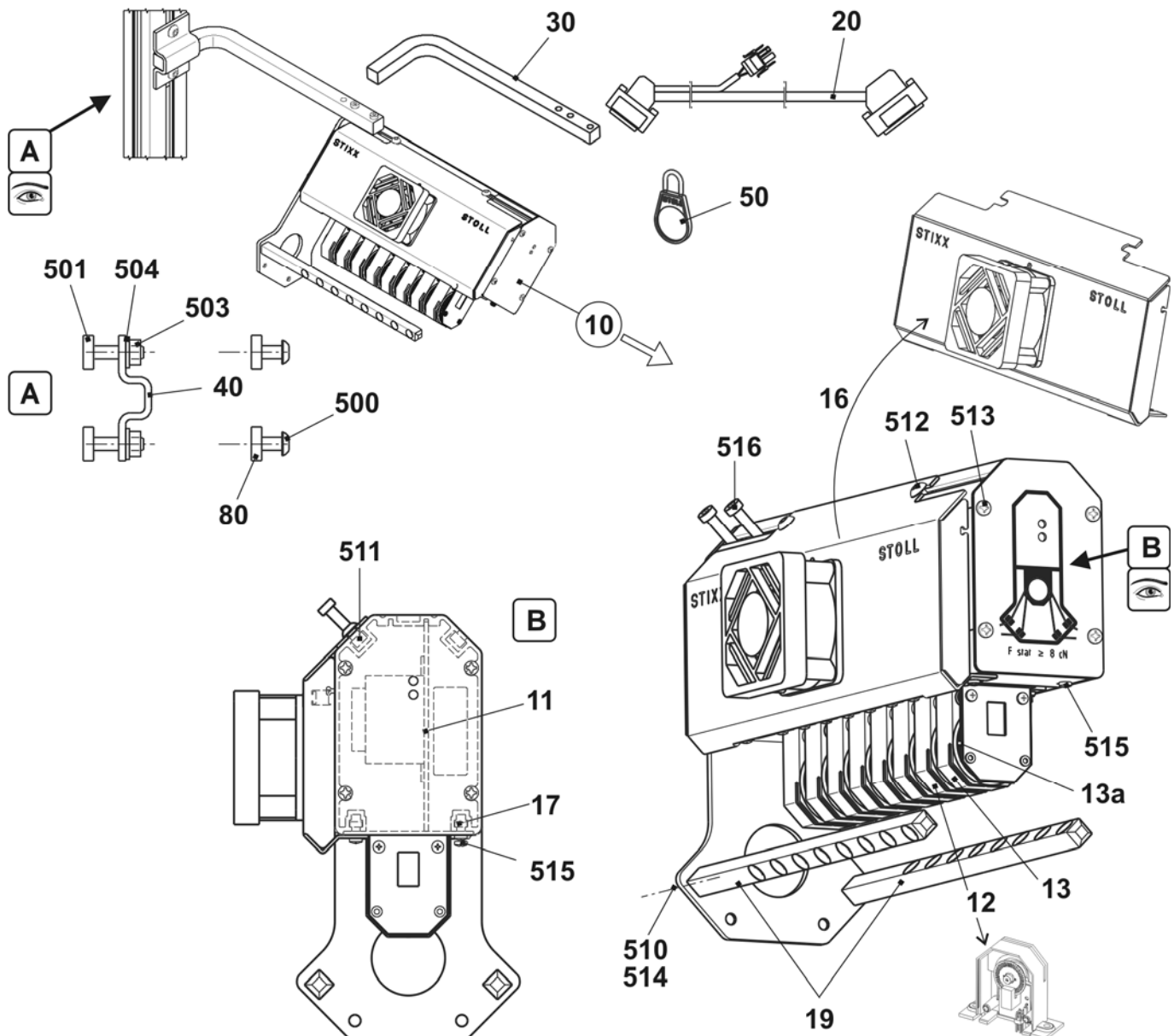
Carriage of plating yarn carrier

Pos	Designation	ID	Pos	Designation	ID
Σ1	Carriage of plating YC co. 3+6 E3-4	217 658	Σ2	Carriage of plating YC co. 4+5 E3-4	217 660
1	Plating YC bow 3+6 complete E3	214 590	2	Plating YC bow 4+5 complete E3	214 591
a	Shim	213 035	a	Shim	213 035
b	YC carriage complete	241 887	b	YC carriage complete	241 887
500	Hexagon screw M5x10	020 351	500	Hexagon screw M5x10	020 351



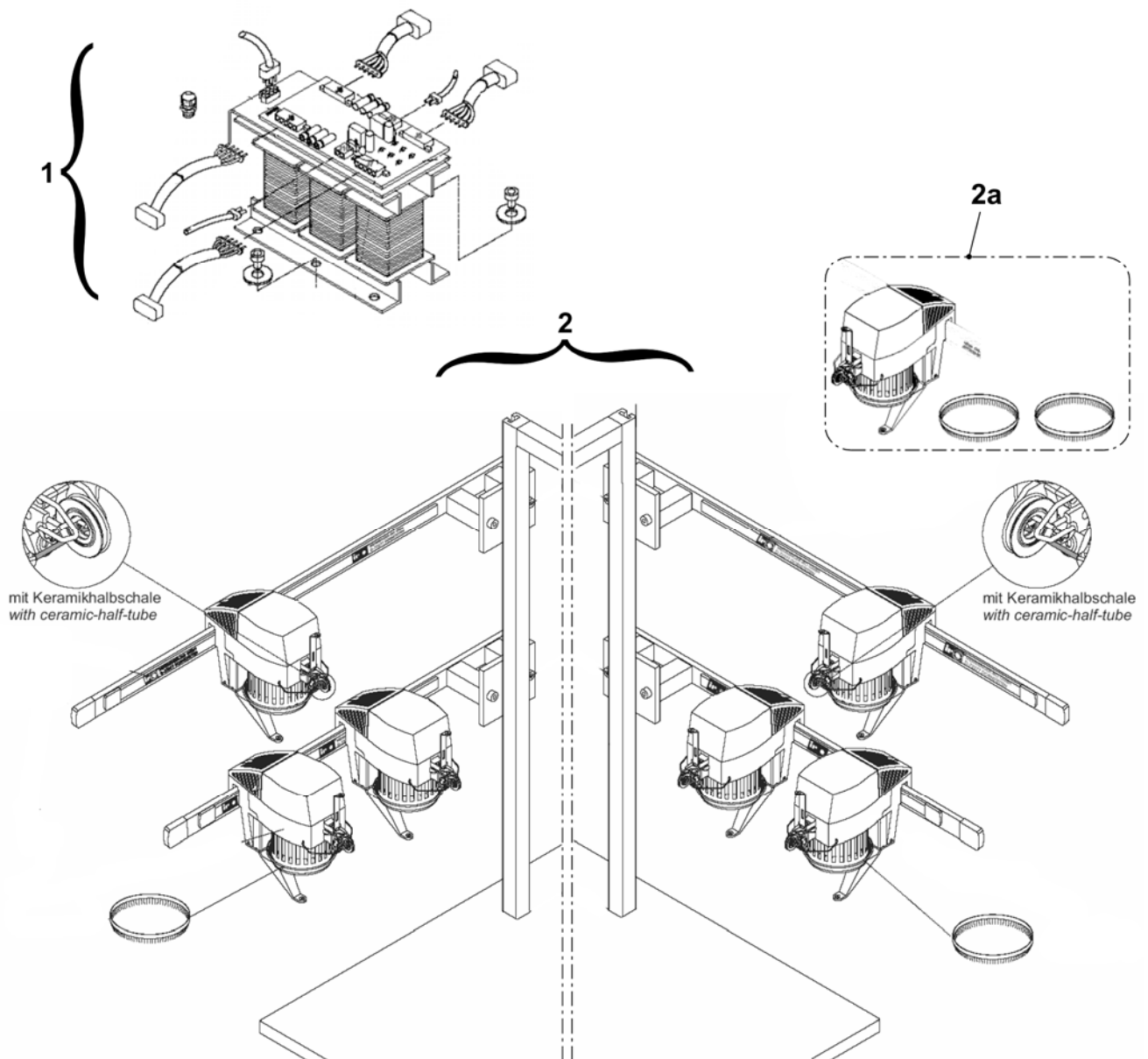
Yarn length measuring device

Pos	Designation	ID	Pos	Designation	ID
Σ	Yarn length measuring device co.	228 943	10	Yarn length measuring device 3	236 275
20	Cable length measuring	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	Setting weight	212 241	13a	Rubber running ring	212 390
80	Threaded bar	200 223	16	Ventilator complete	212 255
500	Countersunk screw M8x16	023 113	17	Threaded bar	211 801
501	Hammer head bolt M8x25	022 866	19	Yarn guide rod	211 352
503	Hexagon nut M8-6	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



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 (0)7443 281-0 Fax: +49 (0)7443 281-101 The item no. and the designation for the SFE spare parts can be found in the enclosed assembling instructions of the company MEMMINGER-IRO.
1	Transfo with cable	231 979	
2	Mounted set SFE without transformer	231 980	
2a	Feed wheel SFE	231 537	



Additional board at the bottom

Pos	Designation	ID	Pos	Designation	ID
Σ	Additional board	253 646			
1	Additional board welded	253 472	8	Yarn guide	243 765
2	Positioning pin	202 777	9	Yarn guide	241 581
3	Disc D=130	062 385	500	Pan-head screw M4x30	023 681
4	Bobbin support	200 363	501	Washer 5.3x30x1.25	023 556

