

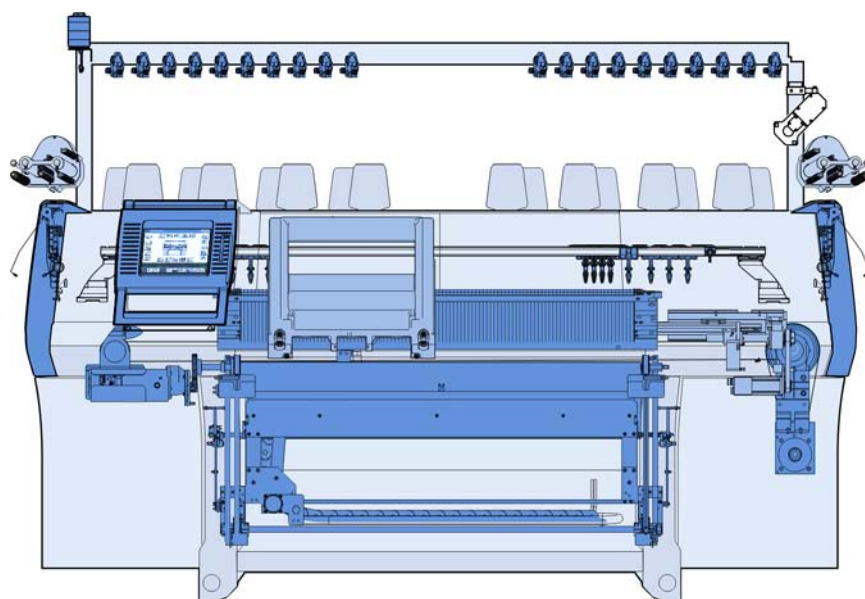
**STOLL**

THE RIGHT WAY TO KNIT

# Spare Parts Catalog

## CMS 530 (Type 566)

### Component Type 001



Document-No. 243853\_09\_GB

Issue 10/2007

## Impressum

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# 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, ident. no., quantity.

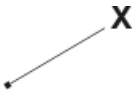
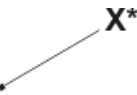
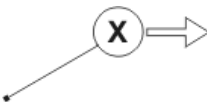
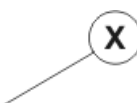
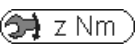




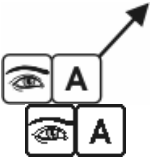
Please use the order form!

Use original spare parts from Stoll for repairing only.



## 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
$\Sigma$	Indicates an assembly
	Position indicator with the position number (X).
	Indicates an element of another assembly.
	Indicates an assembly which is represented more detailed beside.
	Indicates an assembly which is represented on another page more detailed.
	Screw torques (z) deviating from the preferential row.
	Detail, represented enlarged in the direction of the arrow.
	Indicates a group of parts.
	Indicates the left side or view.
	Indicates the right side or view.
	Indicates a section or a view in the viewing direction.

## Torques

<b>Drehmomente</b> <b>Torques</b> <b>Couples</b> <b>Coppias</b> <b>Momentos de rotación</b> [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	<b>0,6</b>	<b>1,2</b>	<b>2,5</b>
	M4	<b>1,2</b>	<b>2,5</b>	<b>5</b>
	M5	<b>2,5</b>	<b>5</b>	<b>9</b>
	M6	<b>5</b>	<b>9</b>	<b>18</b>
	M8		<b>18</b>	<b>40</b>
	M10		<b>40</b>	
	M12		<b>80</b>	

### 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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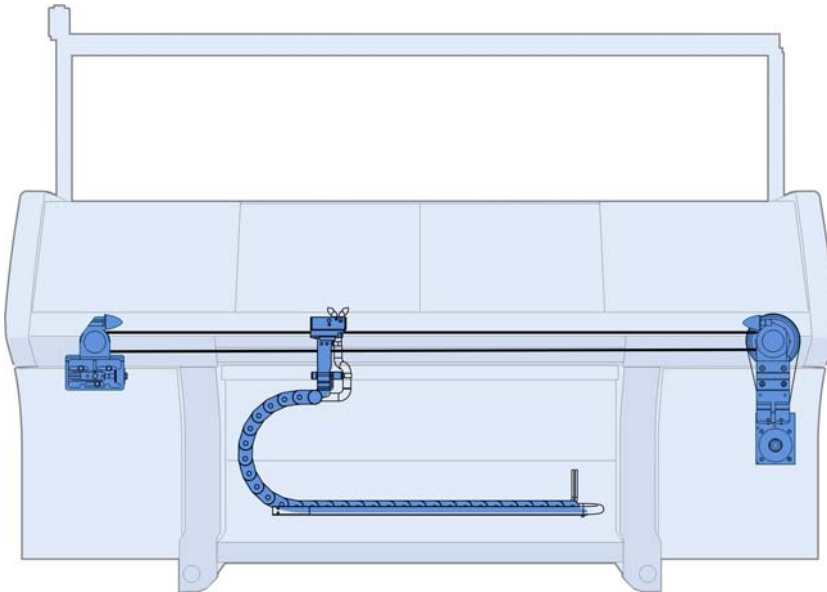
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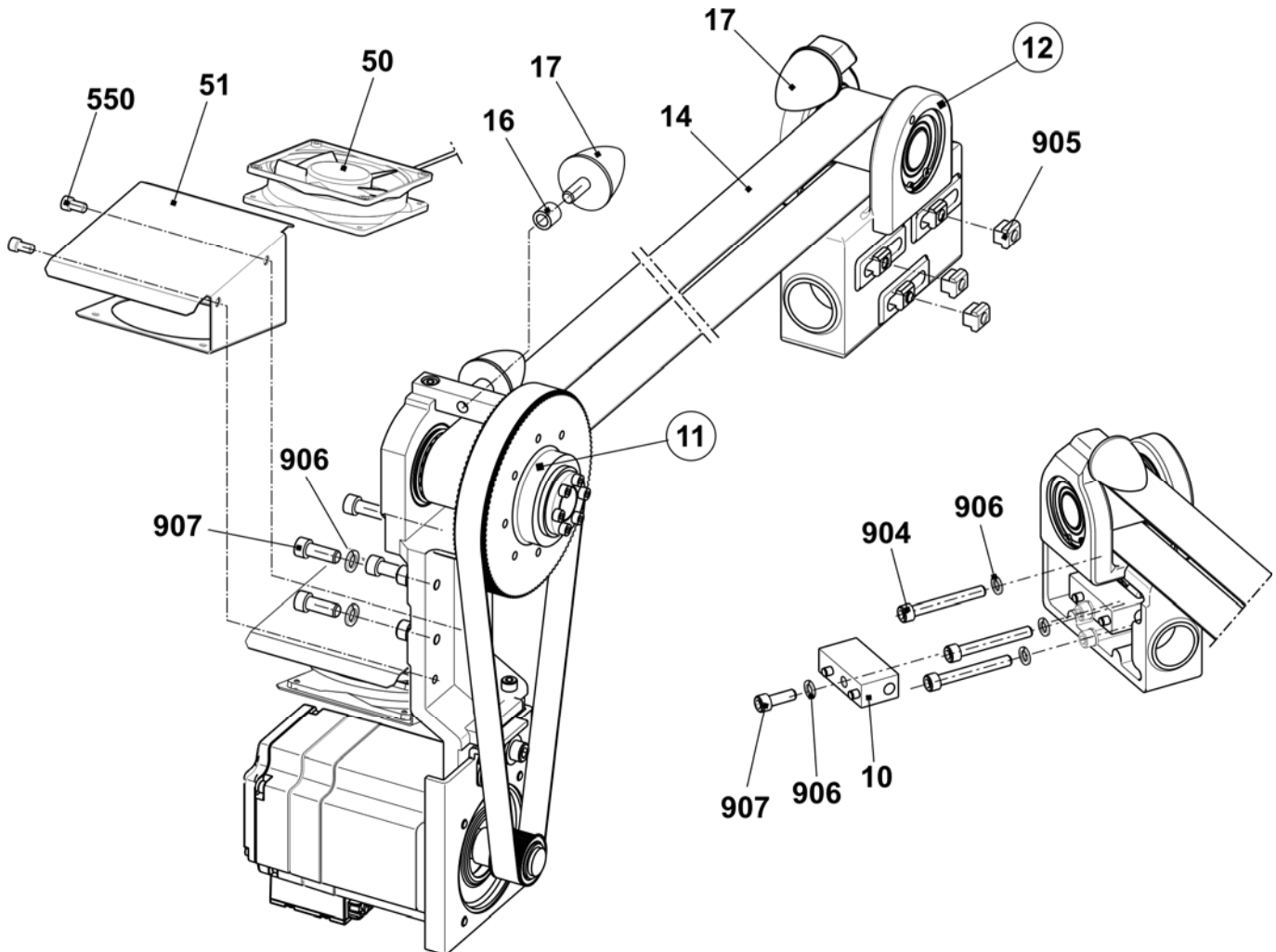
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## Carriage drive



## Drive

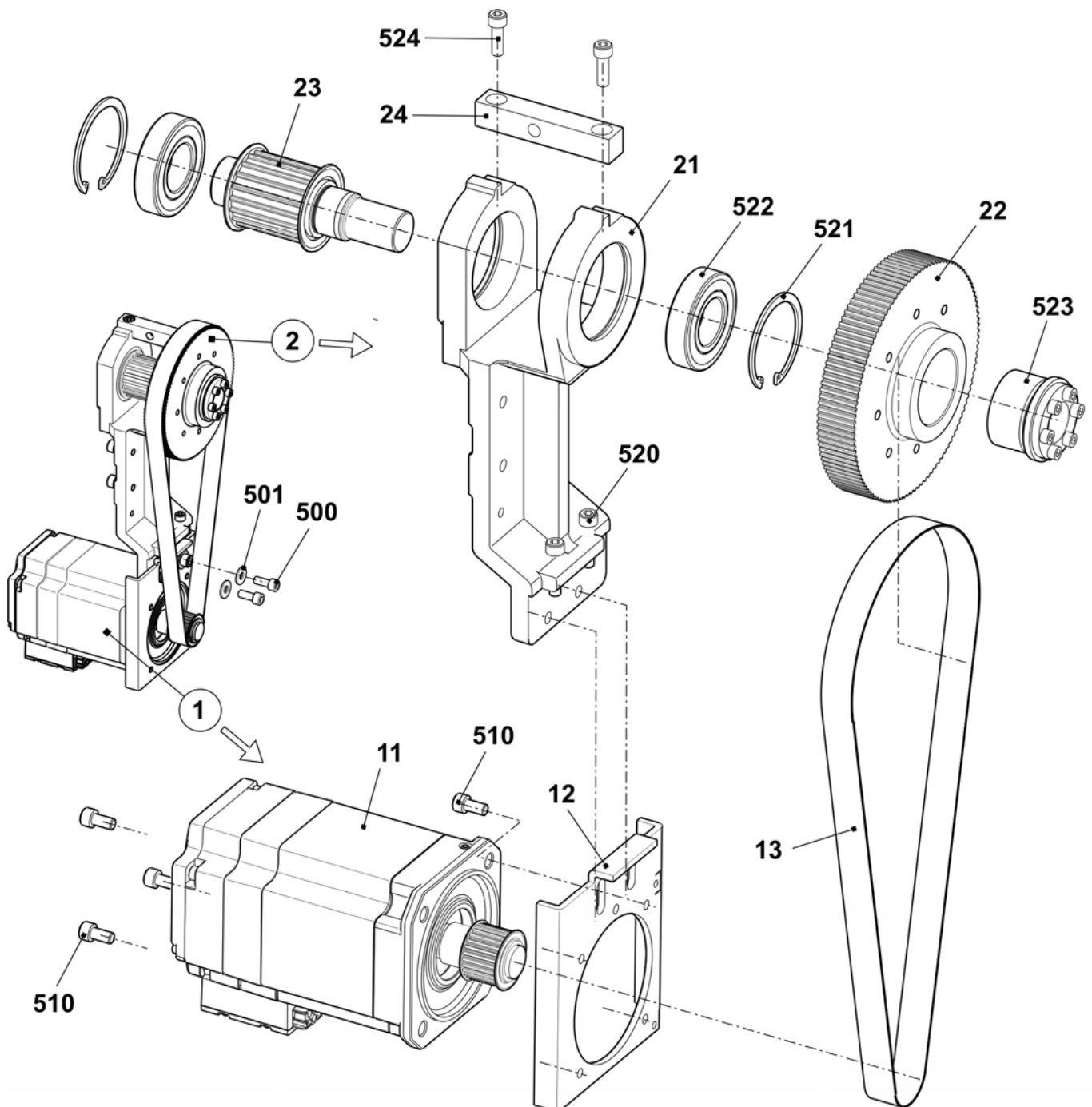
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Drive unit racking 566</b>	<b>241 455</b>	50	Ventilator complete 512	213 722
10	Stop point	226 553	51	Ventilator plate drive motor	241 823
11	Drive unit complete	240 743	550	Cap screw M8X12	023 138
12	Tension bearing complete	241 655	904	Cap screw M10x80	020 165
14	Toothed belt 50AT10/4700	240 688	905	Slide nut M10X12	023 471
16	Distance pipe	222 099	906	Spring washer A 10	021 010
17	Parabolic spring	200 661	907	Cap screw M10x25	020 157





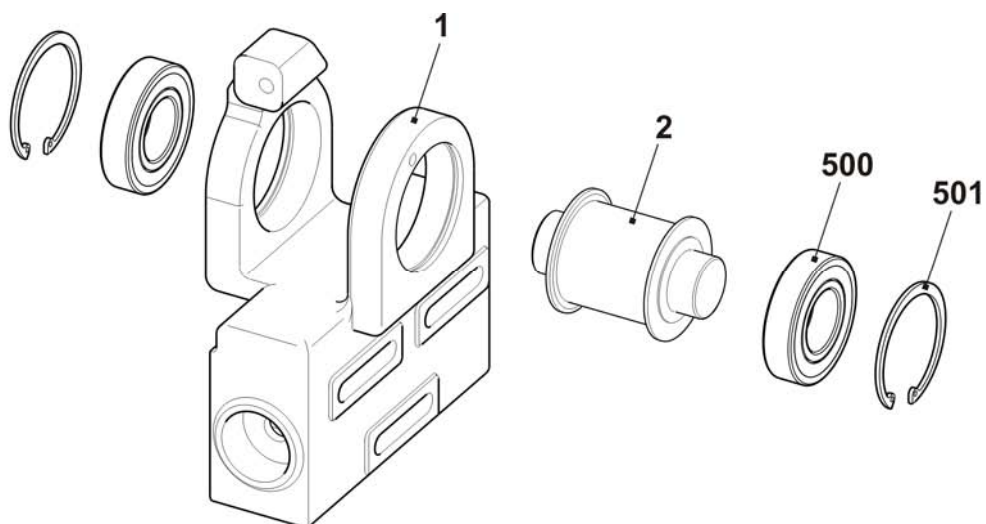
## Motor and belt drive

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Drive unit complete</b>	<b>240 743</b>	2	Drive bearing complete	240 742
1	Drive unit	240 741	21	Drive bearing	241 654
11	Drive motor complete	240 740	22	Timing belt pulley	240 616
12	Motor plate	227 662	23	Pinion 57 AT10 18	242 039
13	Toothed belt 250 HP-S5M 1050 NG	240 628	24	Support buffer	222 100
510	Cap screw M8X16	023 629	520	Cap screw M8X35	020 144
500	Cap screw M10x25	020 157	521	Locking ring 68x2.5	022 914
501	Disc 10.5X25X2.5	022 178	522	Ball bearing 6207-2RS	022 915
			523	Tension set 30X55	023 208
			524	Cap screw M8X25 12.9	020 142



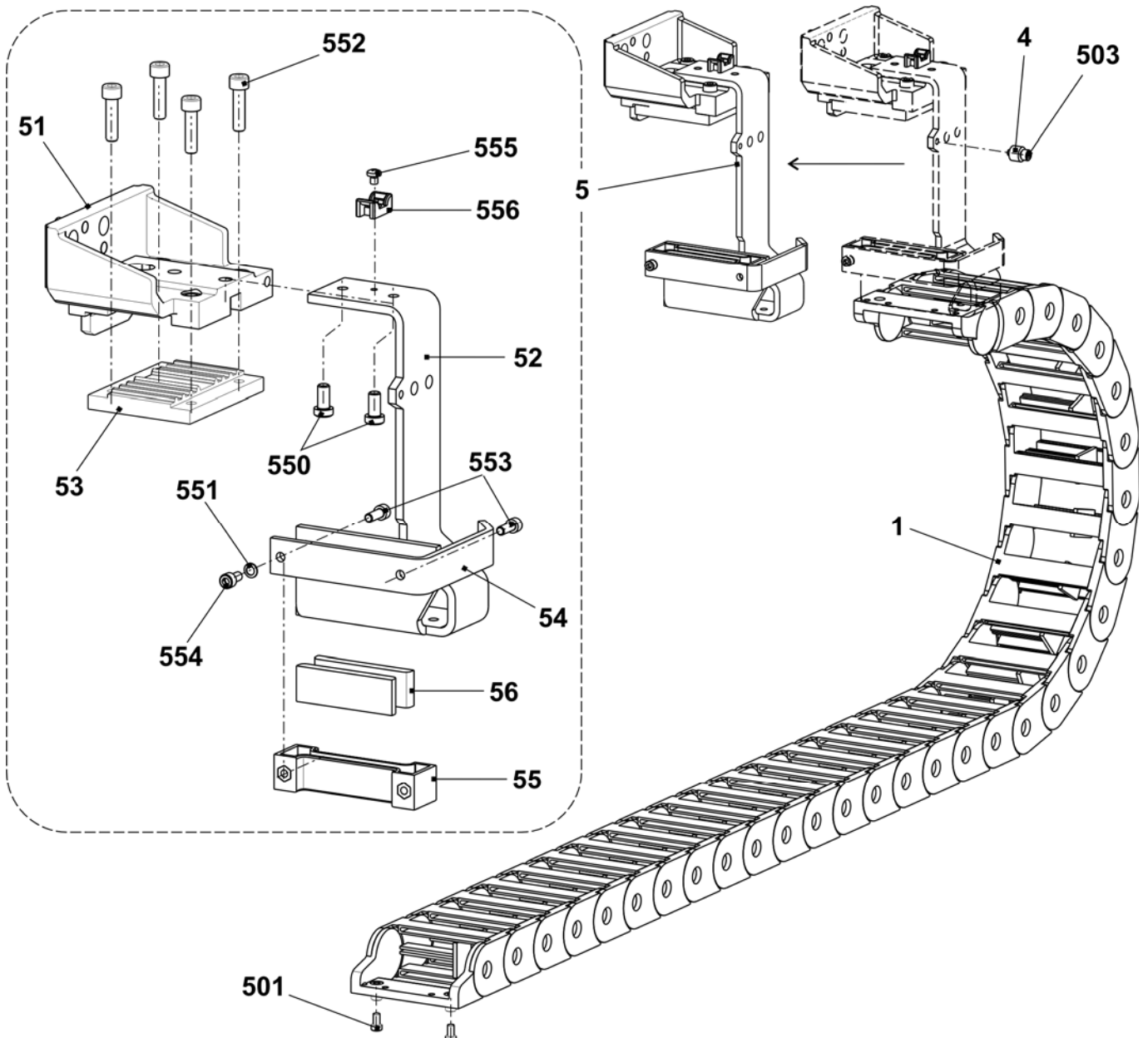
## Tension bearing

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

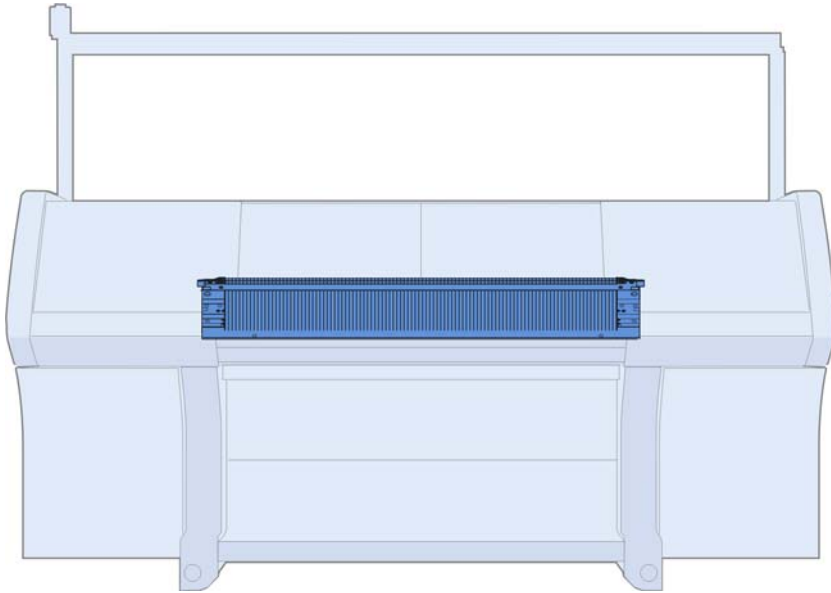


## Energy chain and carriage driver

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Energy chain 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 8.8	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
55	Cable holder	204 688			

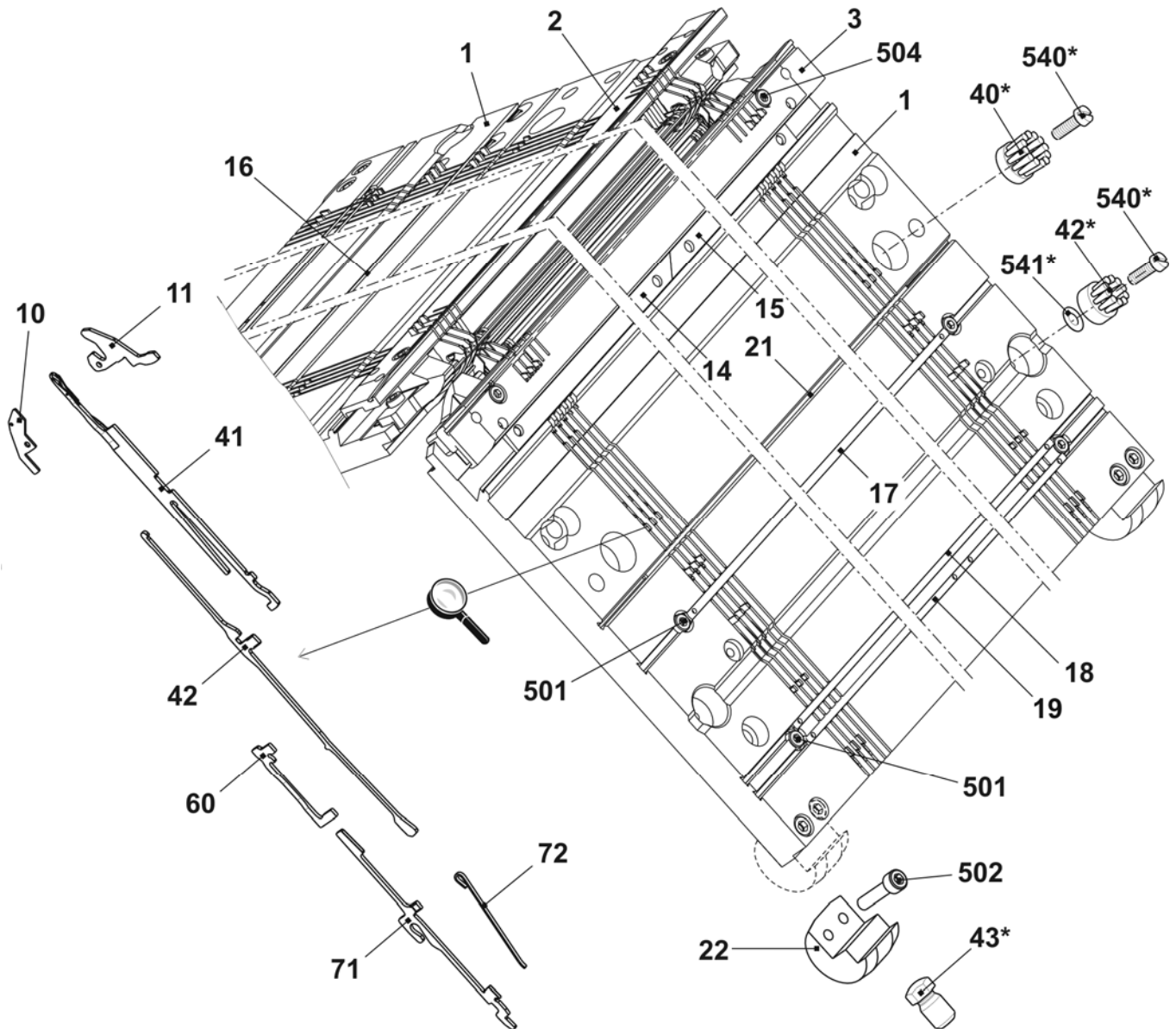


# Needle beds



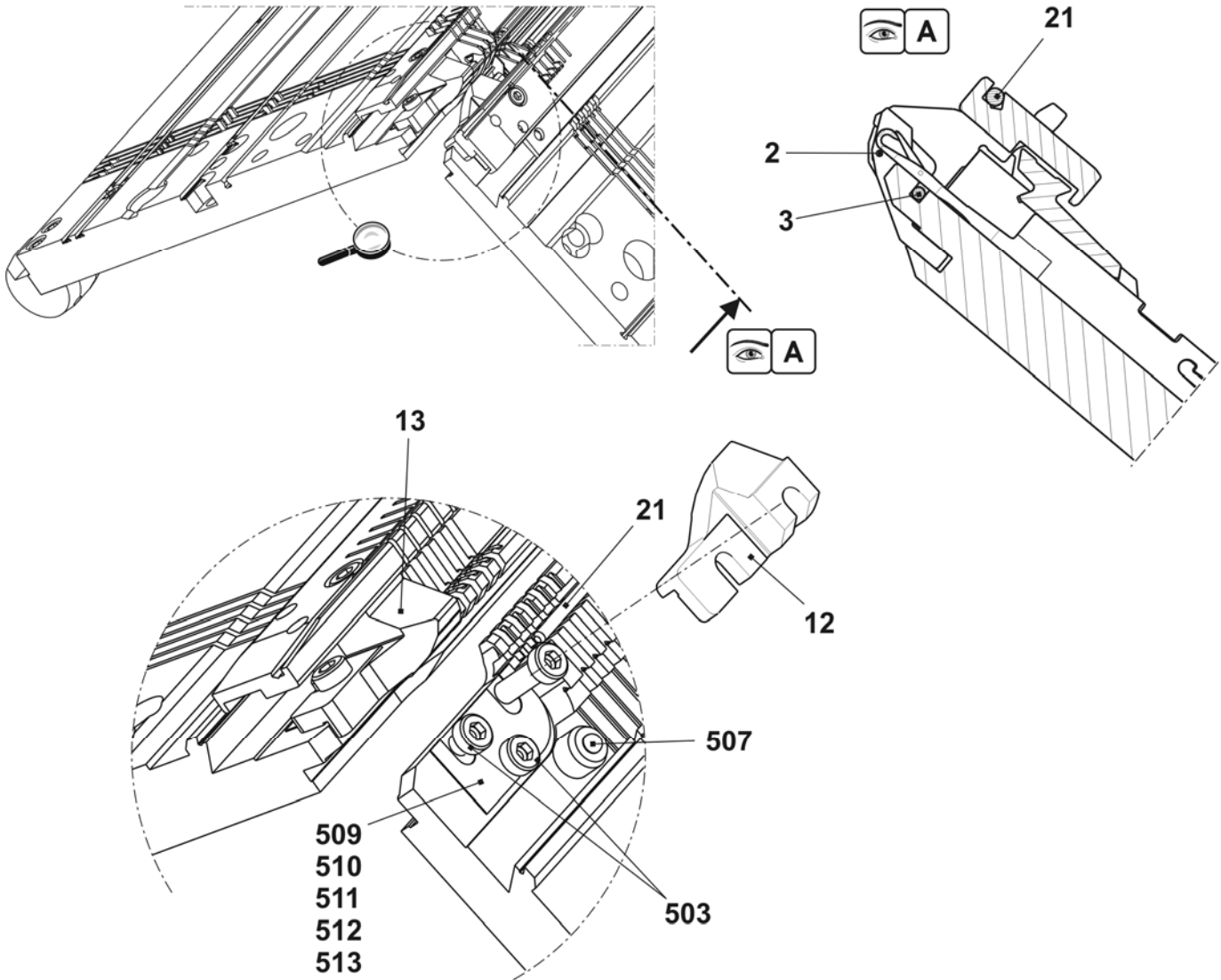
## Needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed co. at the front and rear E5</b>	<b>241 492</b>	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed at the rear E5	240 444	19	Cover rail	213 763
3	Holding-down jack bed at the front E5	240 427	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E5 - E6 with round hook	205 396	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E5	204 996	42*	Disk brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



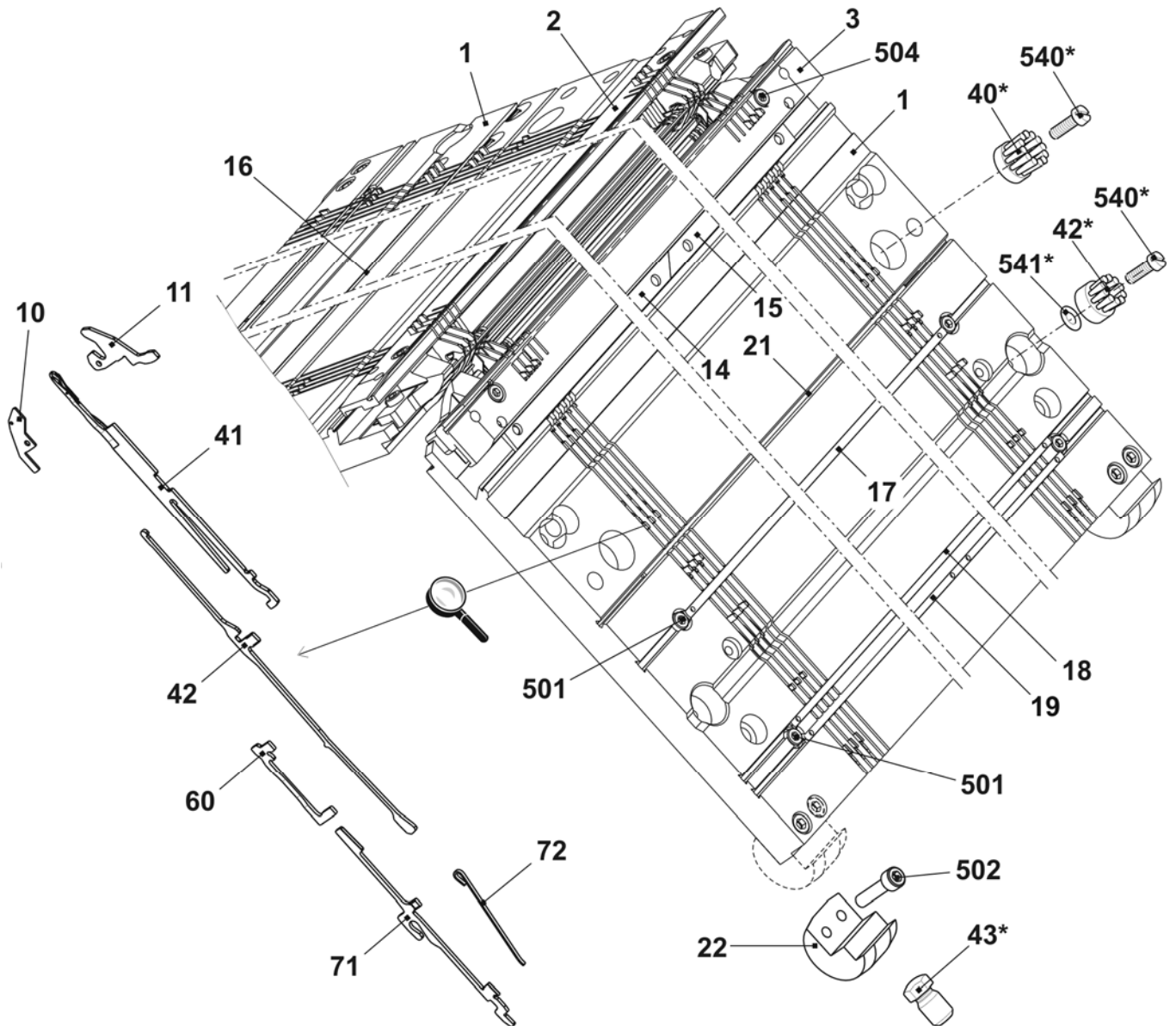
## Continuation needle bed E5

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



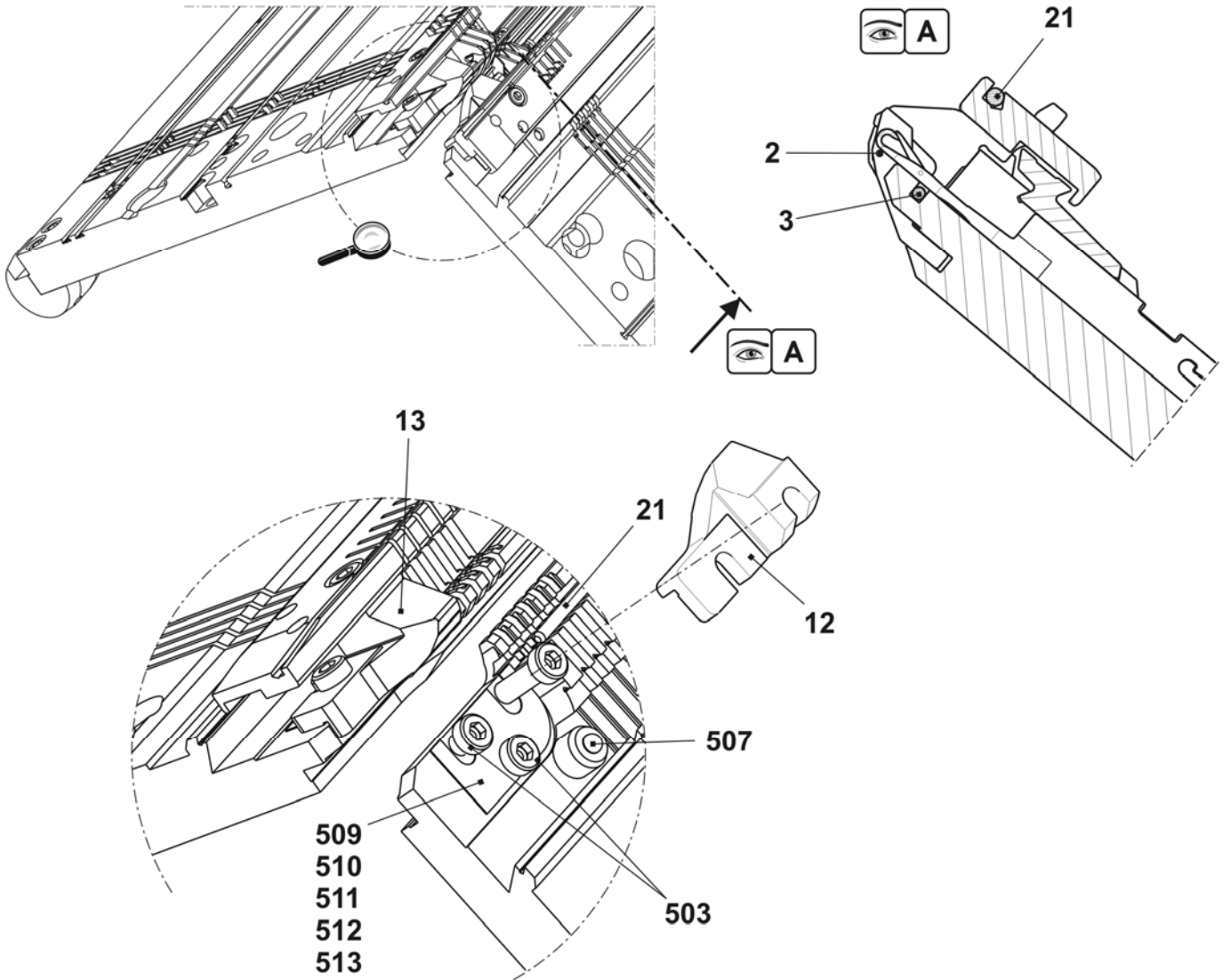
## Needle bed E5m.4

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed co. at the front + rear E5m.4</b>	<b>241 492</b>	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed at the rear E5	240 444	19	Cover rail	213 763
3	Holding-down jack bed at the front E5	240 427	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5,2 - E3,5,2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E5	204 996	42*	Disk brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



### Continuation needle bed E5m.4

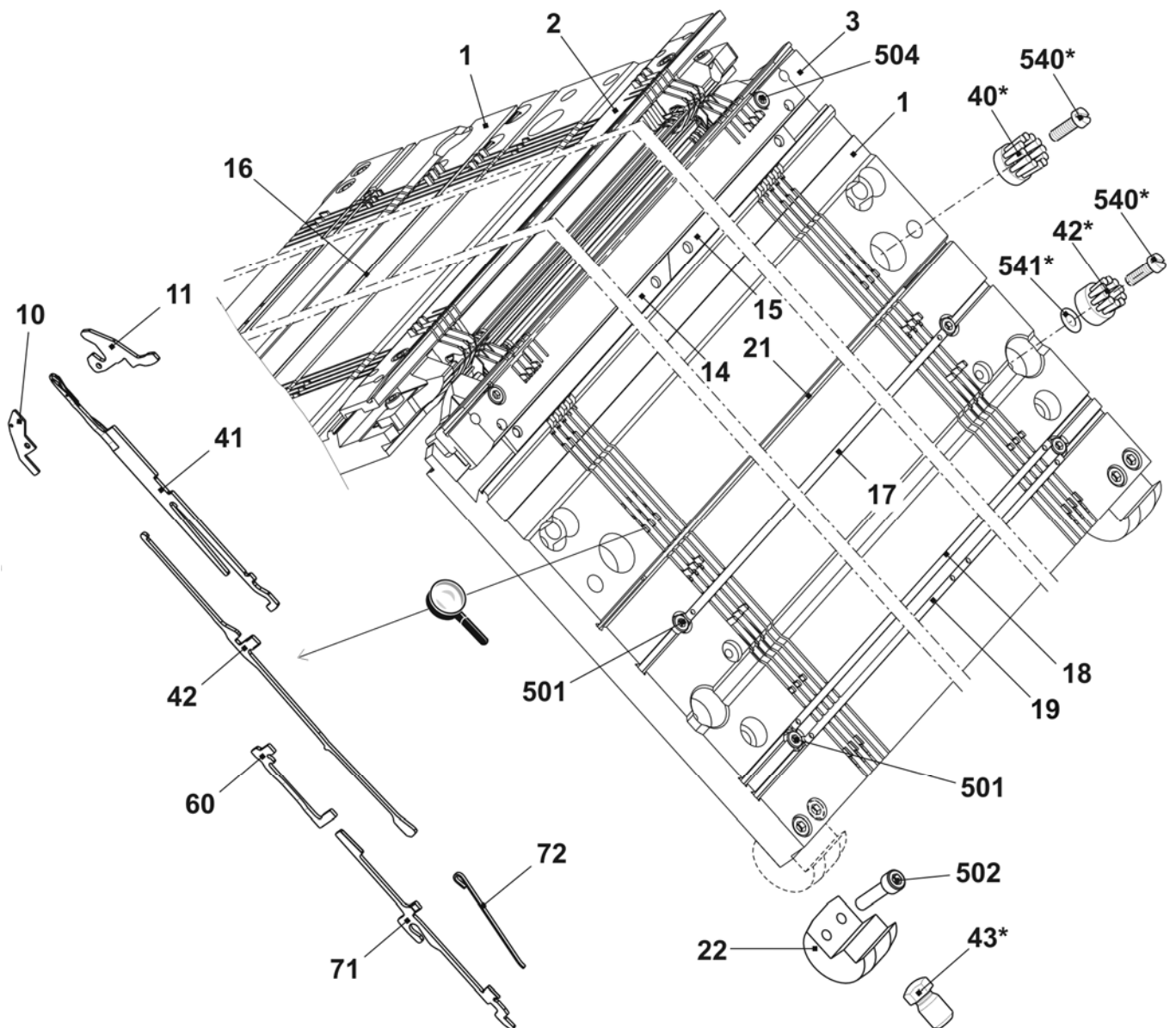
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253





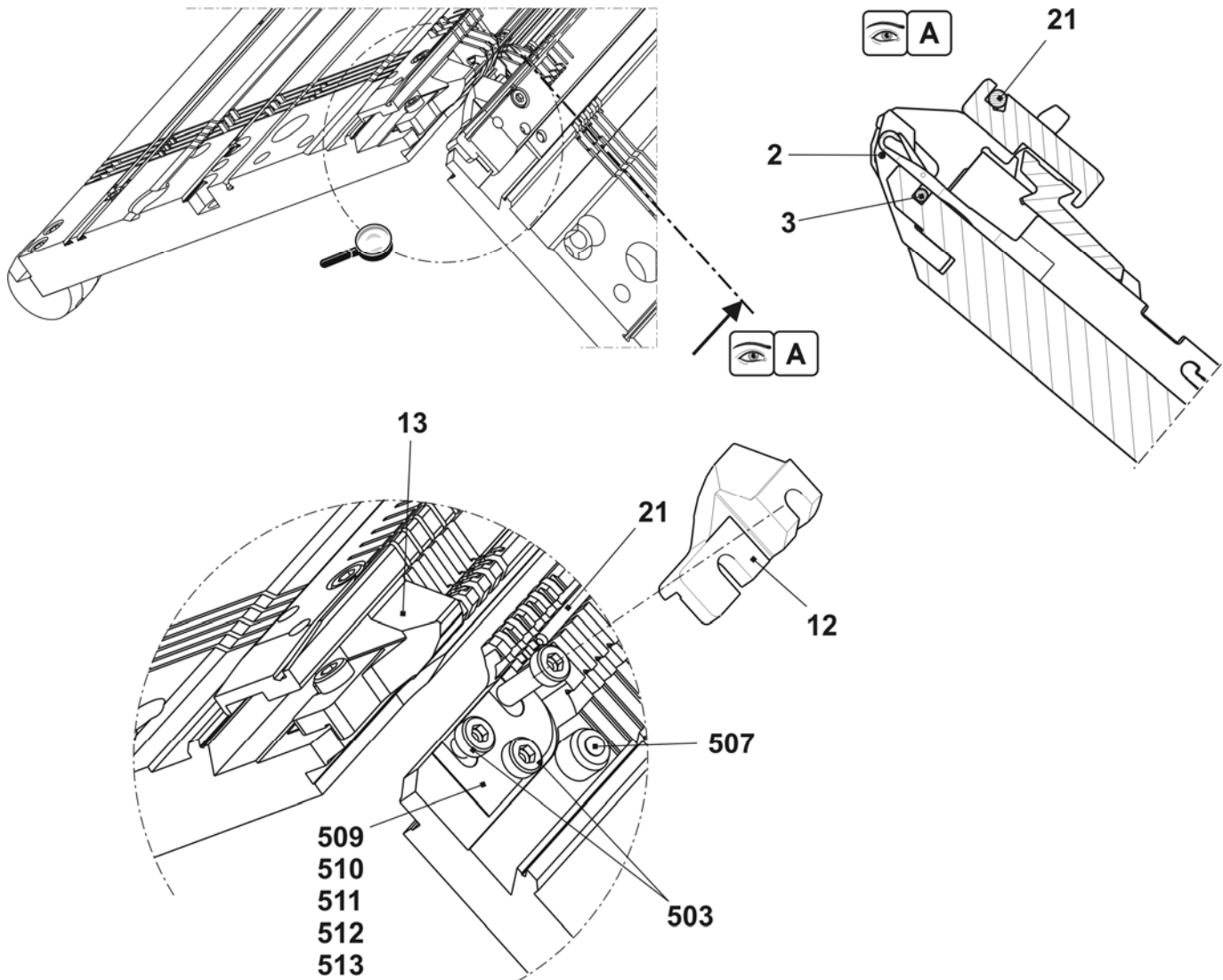
## Needle bed E2,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed co. at the front + rear E2,5.2</b>	<b>241 507</b>	17	Cover rail at the front E5	214 033
1	Needle bed at the front and rear E5	240 378	18	Cover rail	213 762
2	Holding-down jack bed at the rear E2,5.2	240 452	19	Cover rail	213 763
3	Holding-down jack bed at the front E2,5.2	240 435	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5.2 + E3,5.2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E5	204 996	42*	Disk brush	202 600
11	Holding-down jack E5	205 031	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



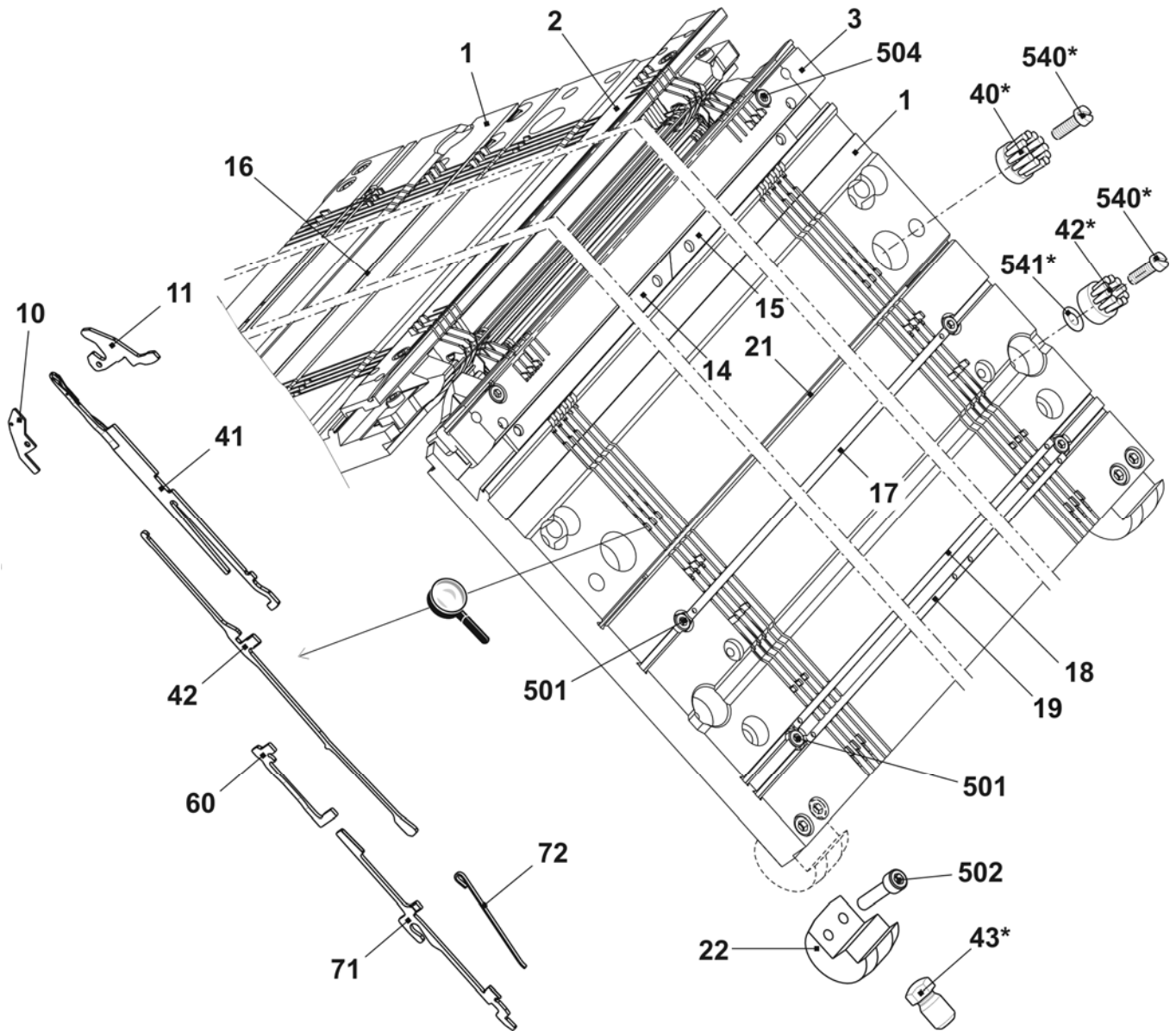
## Continuation needle bed E2,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 1.0 D E5 - E6	213 988	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



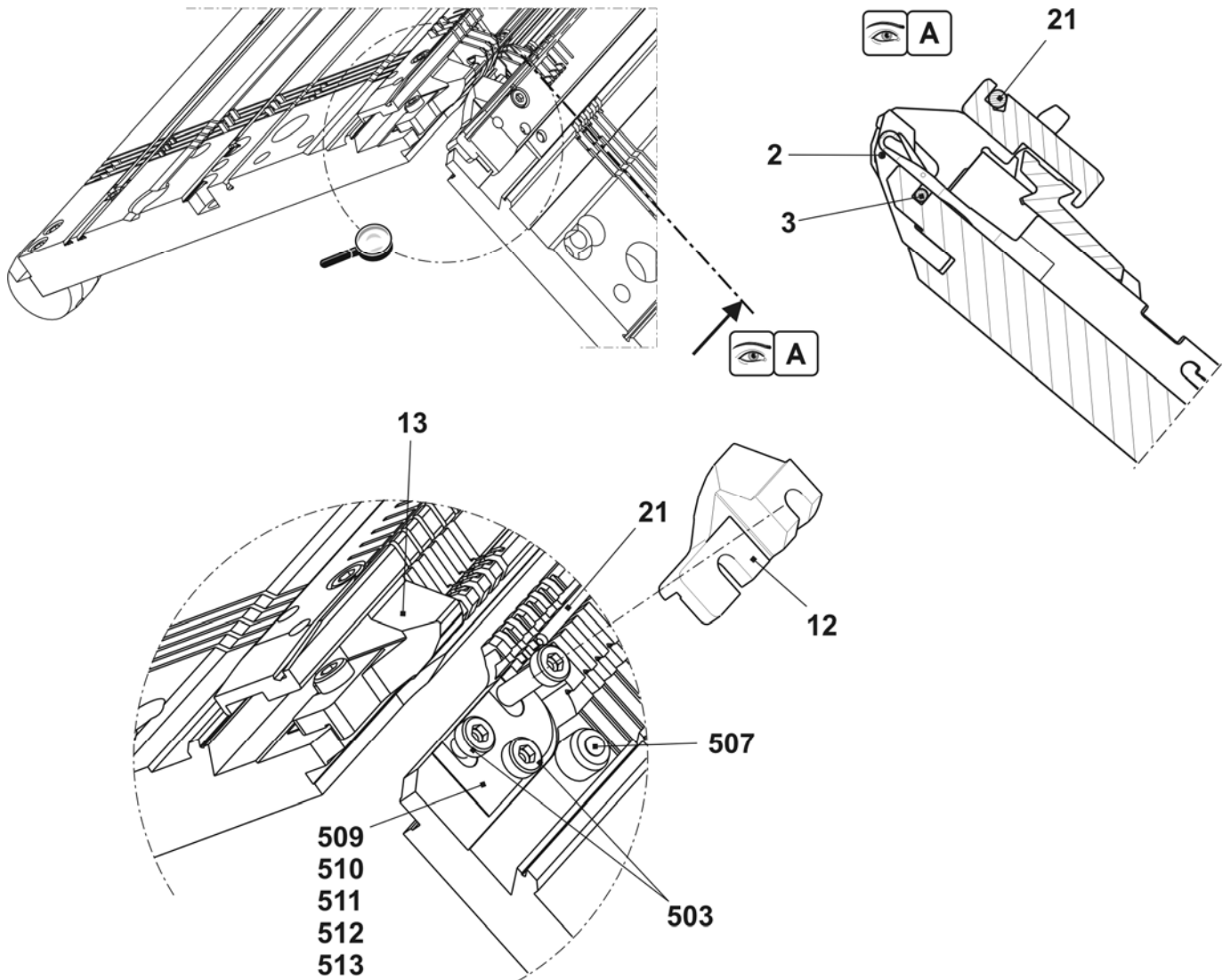
## Needle bed E3,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed co. at the front and rear E3,5.2</b>	<b>241 508</b>	17	Cover rail at the front E7	214 034
1	Needle bed at the front and rear E7	240 379	18	Cover rail	213 762
2	Holding-down jack bed at the rear E3,5.2	240 453	19	Cover rail	213 763
3	Holding-down jack bed at the front E3,5.2	240 436	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E2,5.2 + E3,5.2	232 581	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E7	207 055	42*	Disk brush	202 600
11	Holding-down jack E7	205 032	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



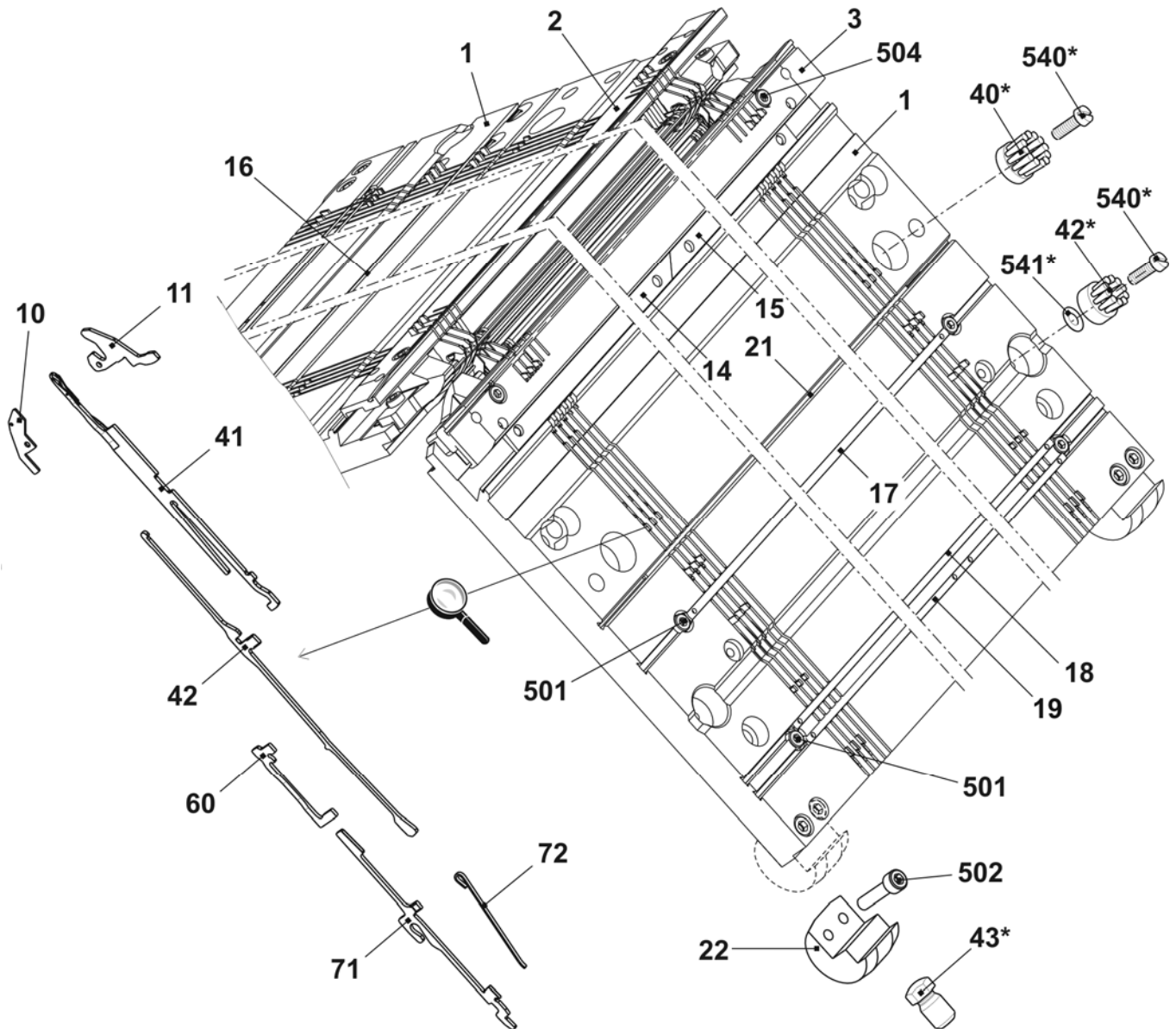
## Continuation needle bed E3,5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - R8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4 – E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4 – E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



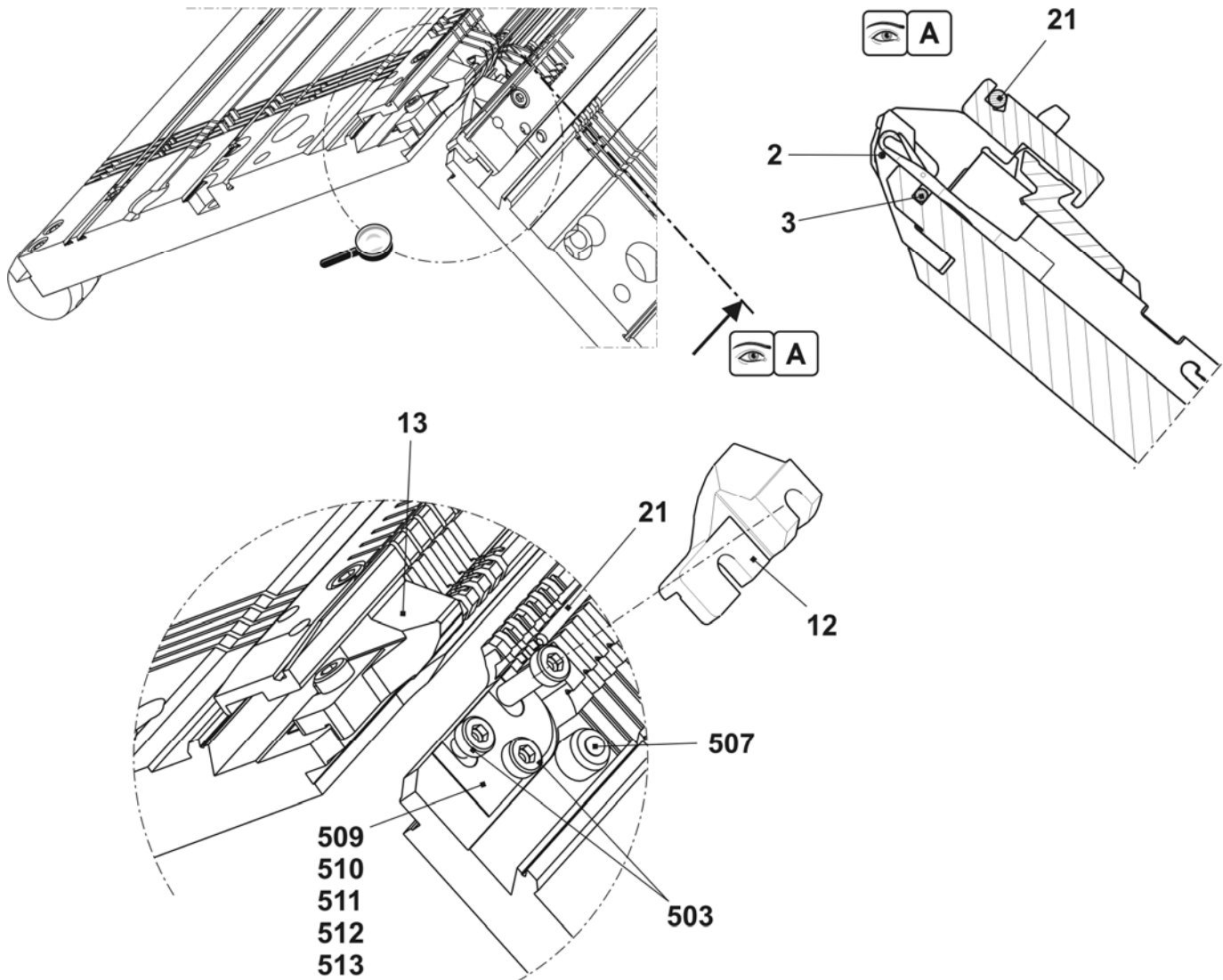
## Needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed co. at the front + rear E7</b>	<b>241 493</b>	17	Cover rail at the front E7	214 034
1	Needle bed at the front and rear E7	240 379	18	Cover rail	213 762
2	Holding-down jack bed at the rear E7	240 445	19	Cover rail	213 763
3	Holding-down jack bed at the front E7	240 428	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E7 with round hook	205 397	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E7	207 055	42*	Disk brush	202 600
11	Holding-down jack E7	205 032	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



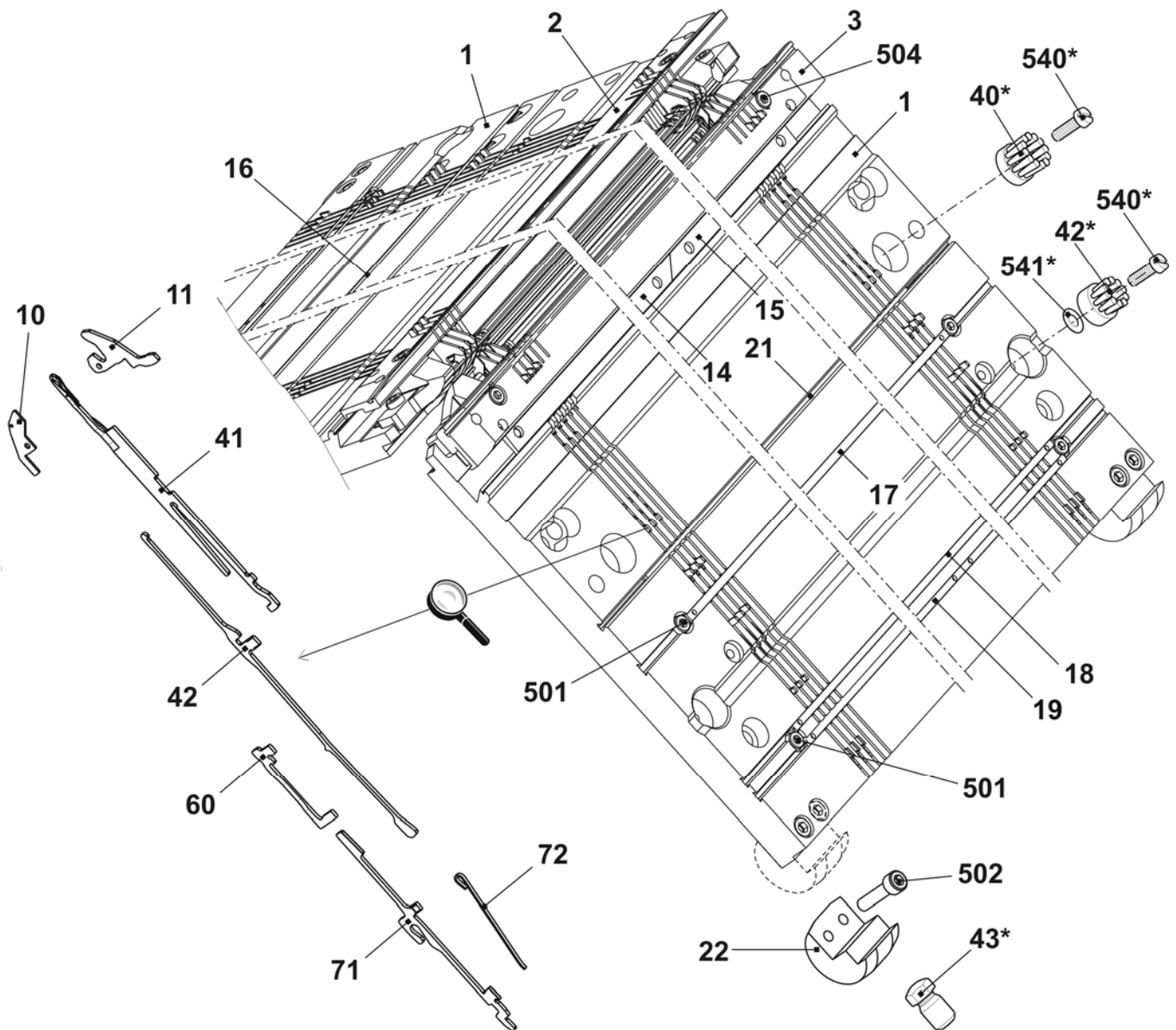
## Continuation needle bed E7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



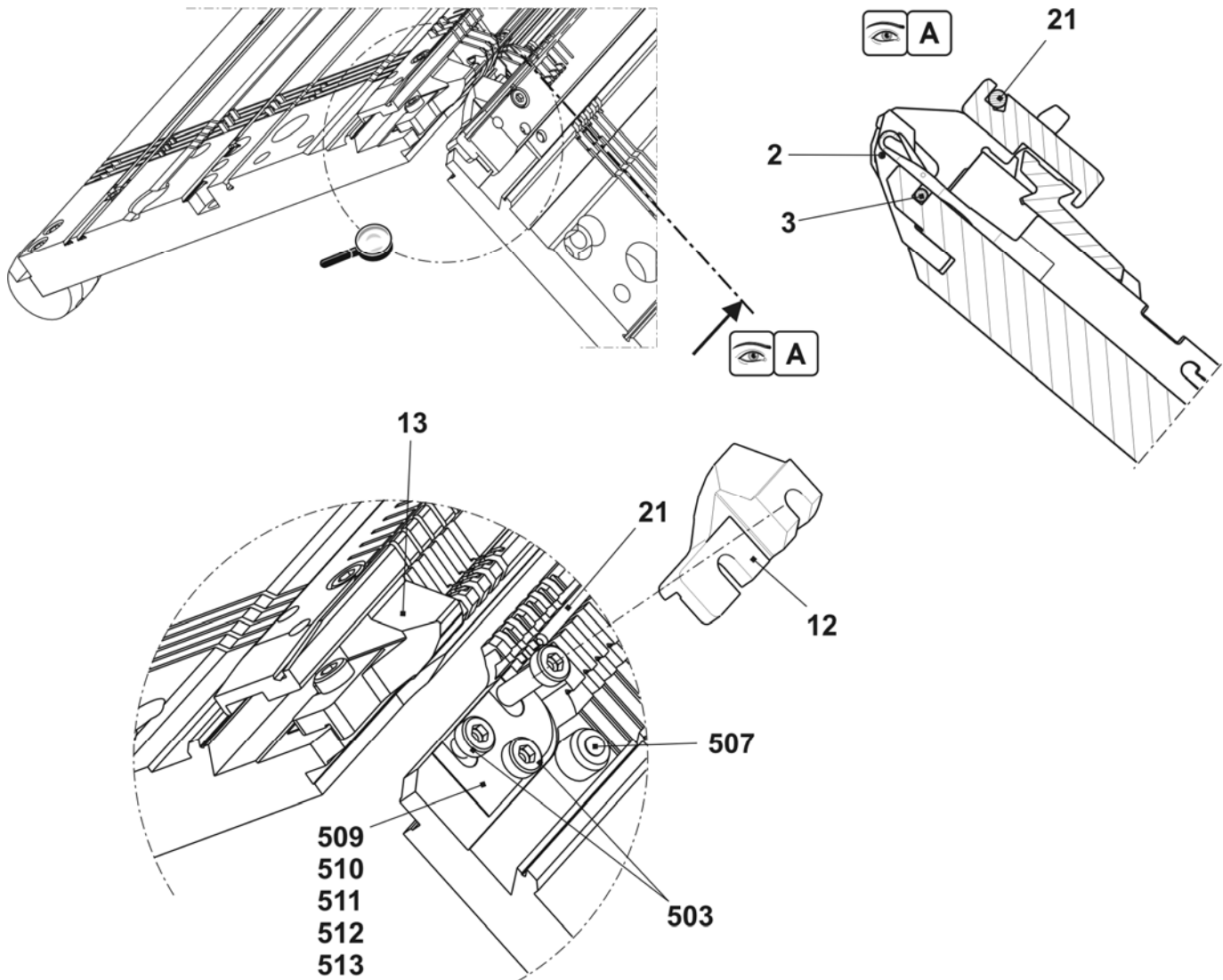
## Needle bed E7m.5

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E7m.5</b>	<b>241 502</b>	16	Cover rail at the rear	213 981
1	Needle bed at the front and rear E7	240 379	17	Cover rail at the front E7	214 034
2	Holding-down jack bed at the rear E7	240 445	18	Cover rail	213 762
3	Holding-down jack bed at the front E7	240 428	19	Cover rail	213 763
41	Needle E5 - E6 with round hook	205 396	21	Fixed wire D=2.8 1290mm	213 983
42	Coupling part E4 - E8	200 682	22	Support	241 339
60	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
71	Selection jack E4 - E8	200 687	502	Cap screw M6x25	020 137
72	Selector spring E4 - E8	200 690	504	Cap screw M5x22	023 193
10	Knock-over bit E7	207 055	40*	Disk brush	235 612
11	Holding-down jack E7	205 032	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
			541*	Adjusting washer P6x0.3	023 540



## Continuation needle bed E7m.5

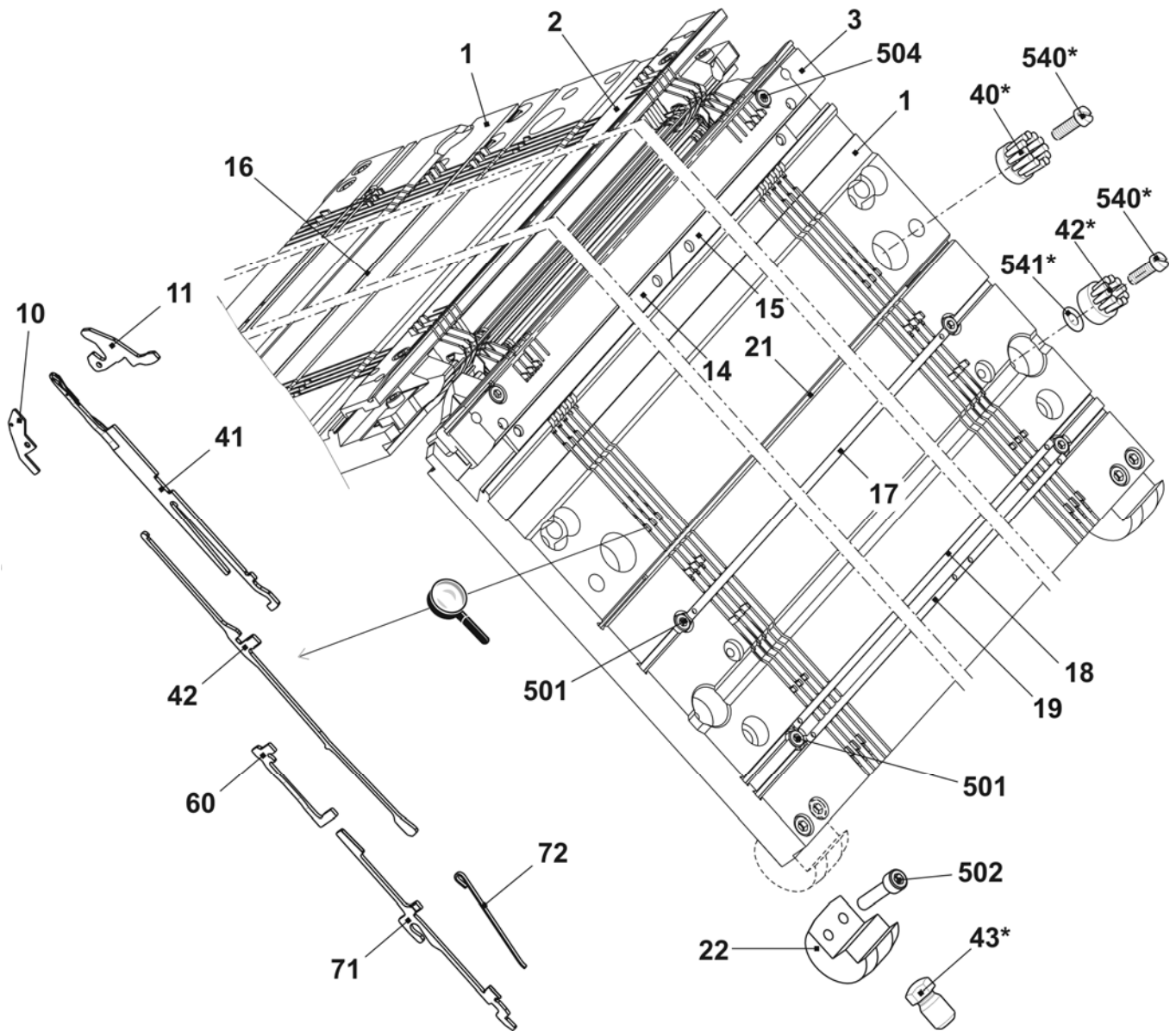
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253





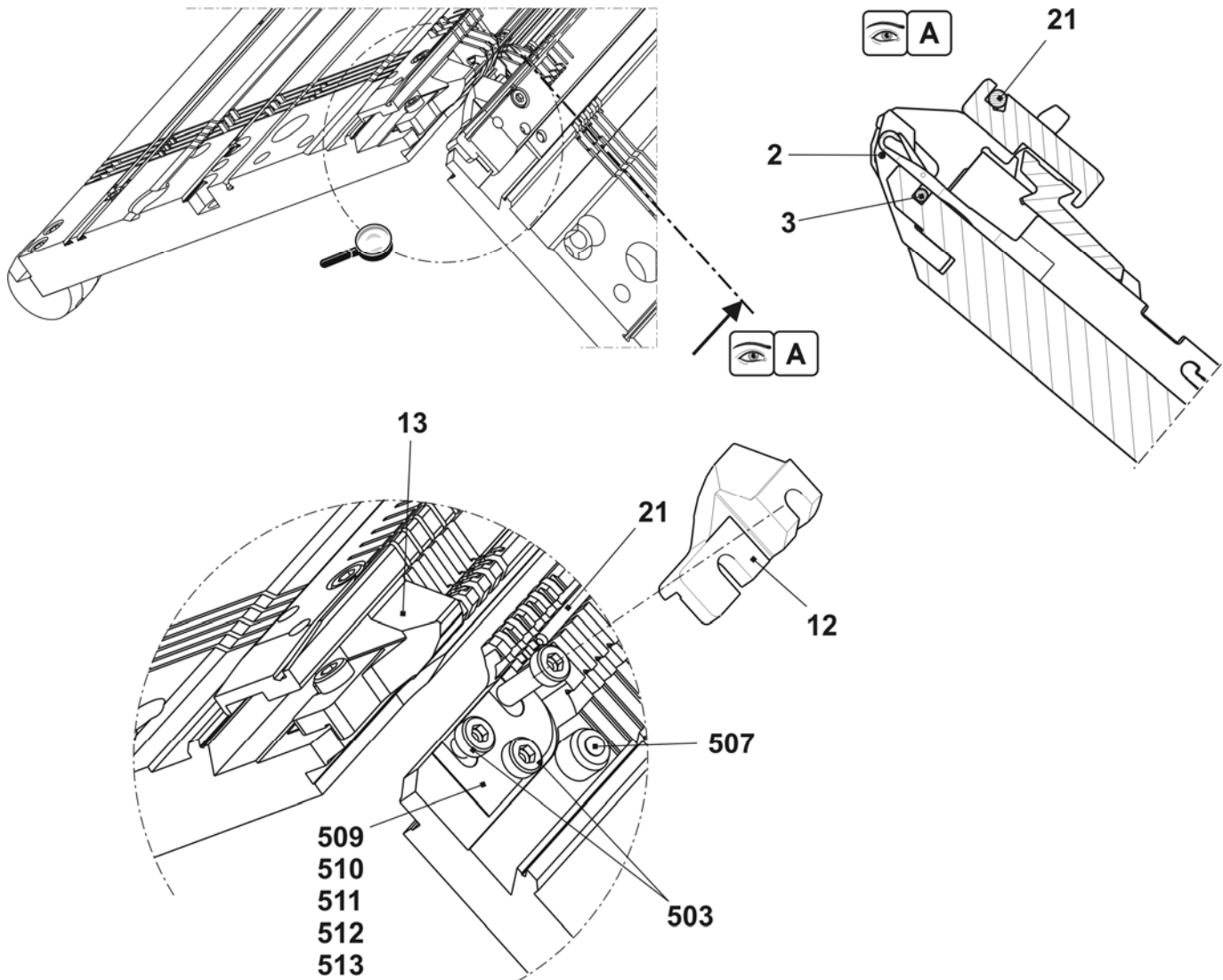
## Needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E7m.8</b>	<b>241 503</b>			
1	Needle bed at the front and rear E7	240 379	17	Cover rail at the front E7	214 034
2	Holding-down jack bed at the rear E7	240 445	18	Cover rail	213 762
3	Holding-down jack bed at the front E7	240 428	19	Cover rail	213 763
41	Needle E8 with round hook	208 745	21	Fixed wire D=2.8 1290mm	213 983
42	Coupling part E4 - E8	200 682	22	Support	241 339
60	Intermediate slider E5 - E8	237 323	501	Cap screw M5x10	022 918
71	Selection jack E4 - E8	200 687	502	Cap screw M6x25	020 137
72	Selector spring E4 - E8	200 690	504	Cap screw M5x22	023 193
10	Knock-over bit E7	207 055	40*	Disk brush	235 612
11	Holding-down jack E7	205 032	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



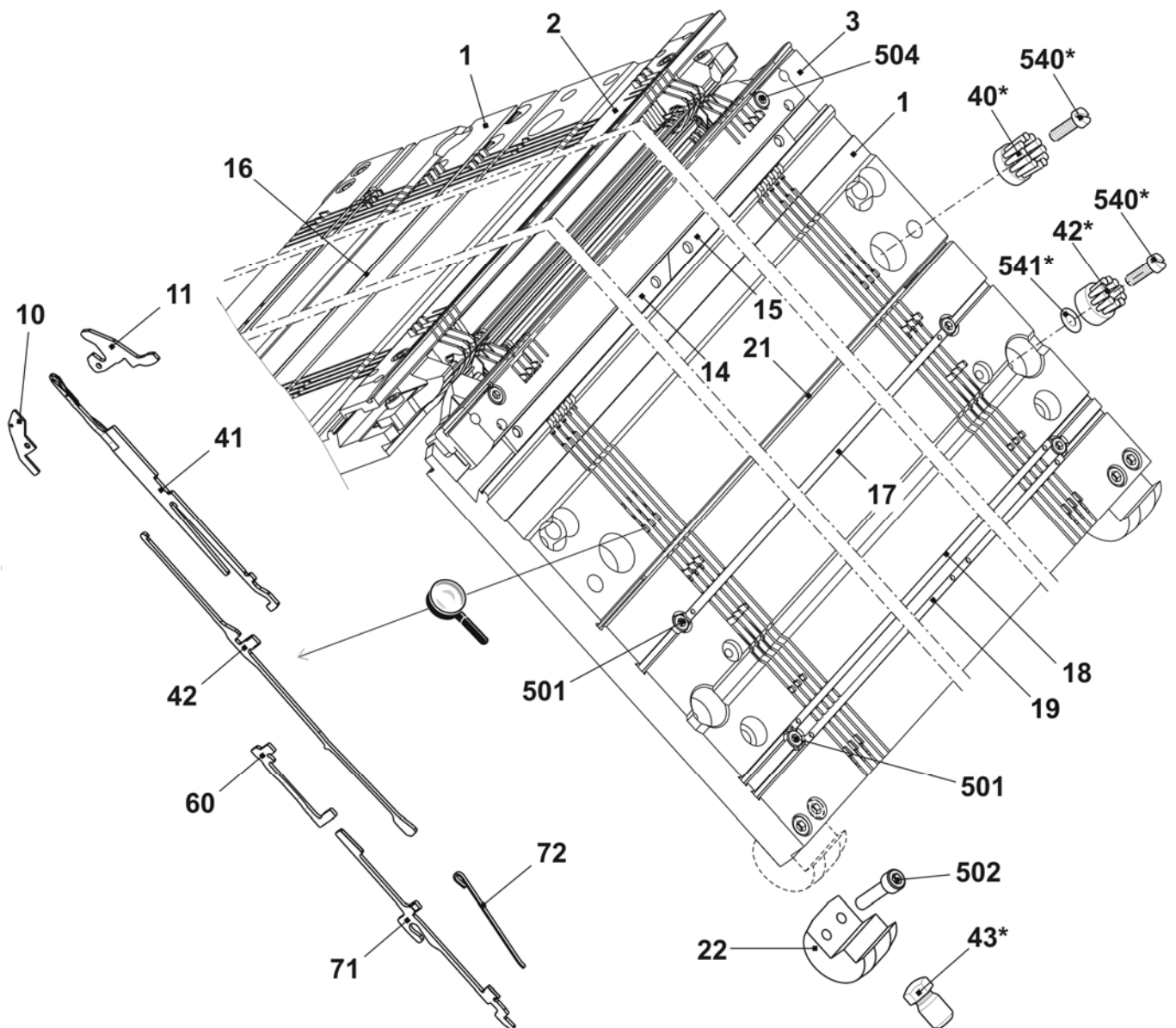
## Continuation needle bed E7m.8

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



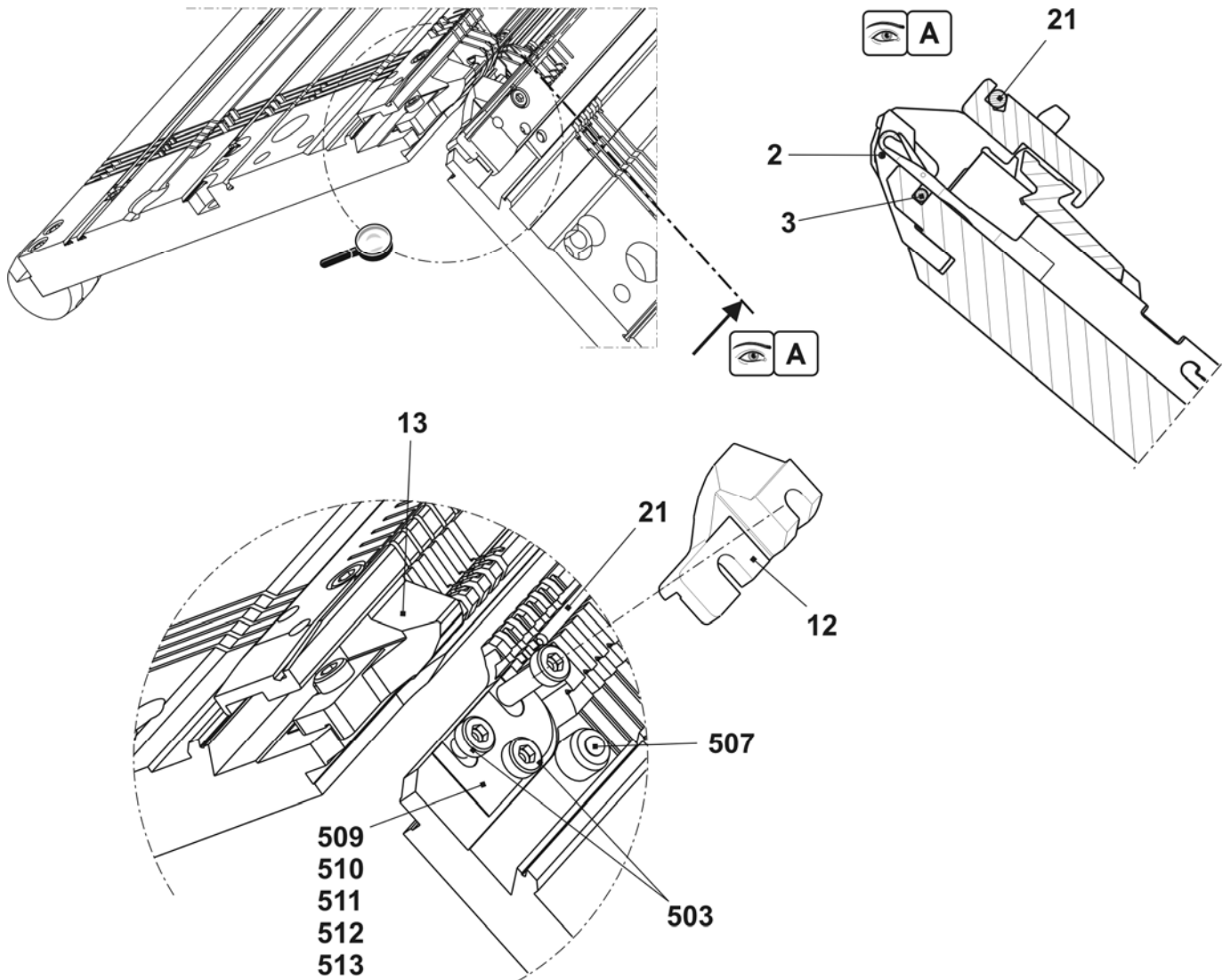
## Needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Needle bed complete at the front and rear E8</b>	<b>241 494</b>	17	Cover rail at the front E8	214 035
1	Needle bed at the front + rear E8	240 380	18	Cover rail	213 762
2	Holding-down jack bed at the rear E8	240 446	19	Cover rail	213 763
3	Holding-down jack bed at the front E8	240 429	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E8 with round hook	208 745	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 – E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 – E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E8	207 054	42*	Disk brush	202 600
11	Holding-down jack E8	205 028	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



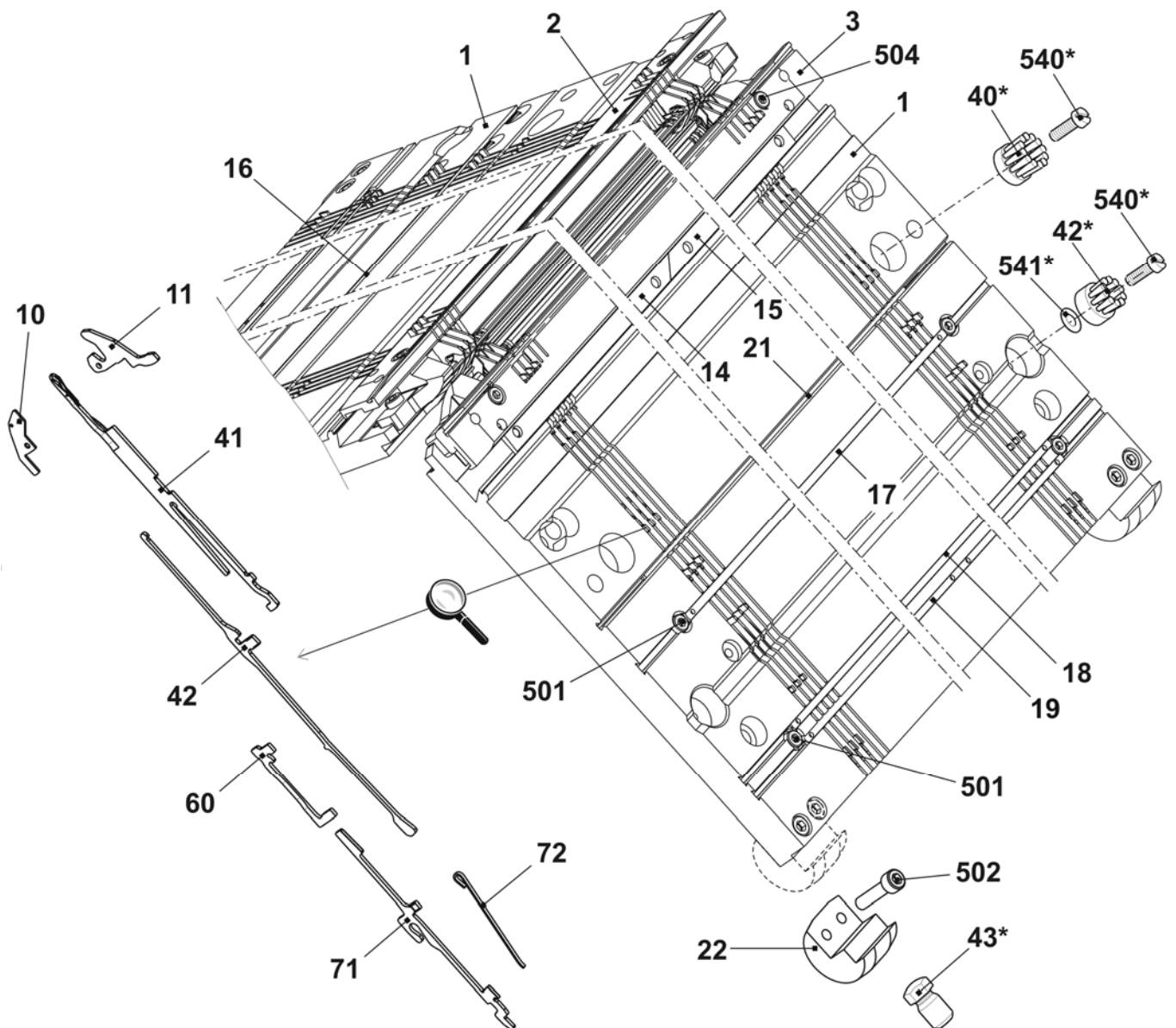
## Continuation needle bed E8

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limitier on the left E4-E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limitier on the right E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



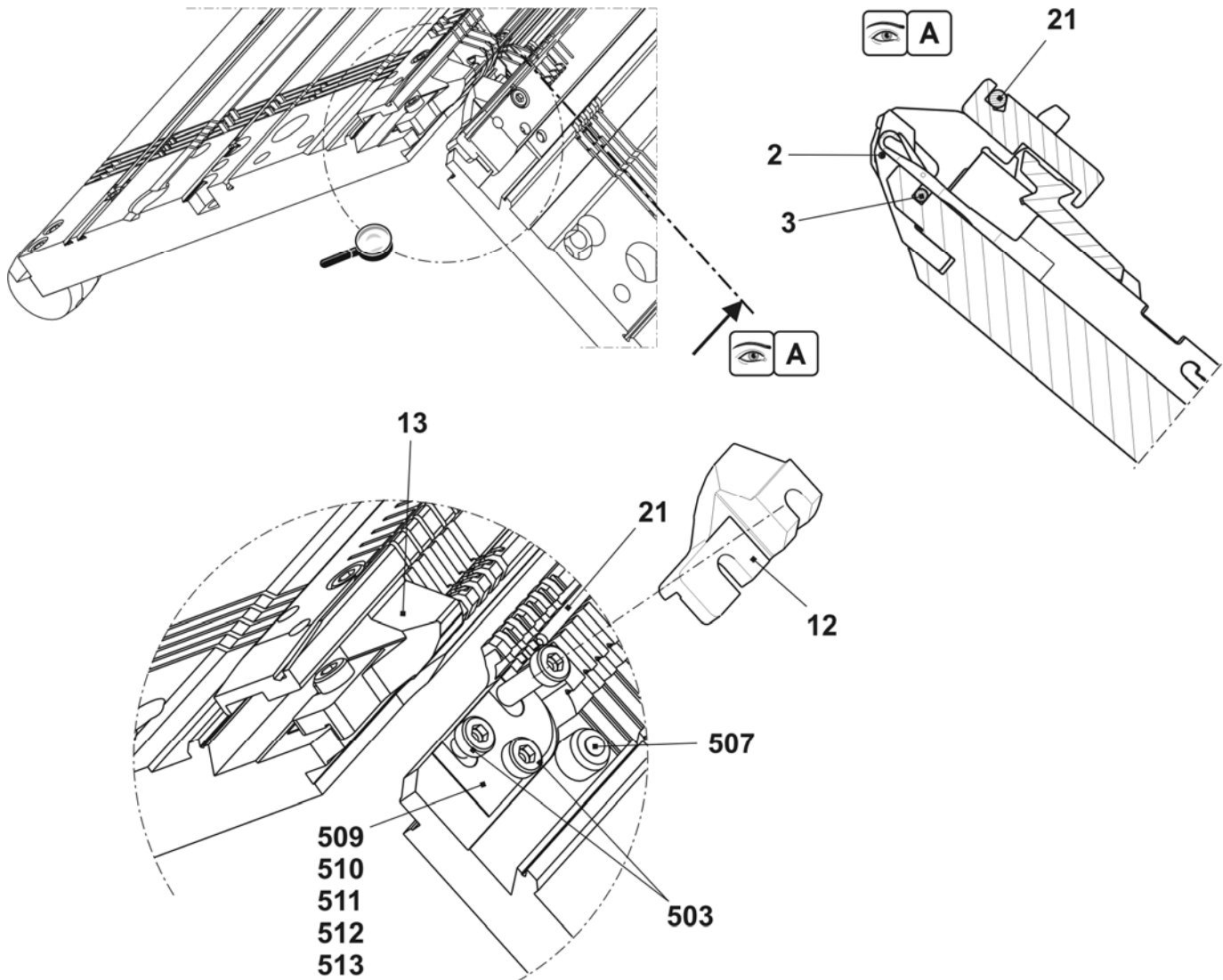
## Needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E8m.7</b>	<b>241 504</b>	17	Cover rail at the front E8	214 035
1	Needle bed at the front + rear E8	240 380	18	Cover rail	213 762
2	Holding-down jack bed at the rear E8	240 446	19	Cover rail	213 763
3	Holding-down jack bed at the front E8	240 429	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E7 with round hook	205 397	22	Support	241 339
42	Coupling part E4 - E8	200 682	501	Cap screw M5x10	022 918
60	Intermediate slider E5 - E8	237 323	502	Cap screw M6x25	020 137
71	Selection jack E4 - E8	200 687	504	Cap screw M5x22	023 193
72	Selector spring E4 - E8	200 690	40*	Disk brush	235 612
10	Knock-over bit E8	207 054	42*	Disk brush	202 600
11	Holding-down jack E8	205 028	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



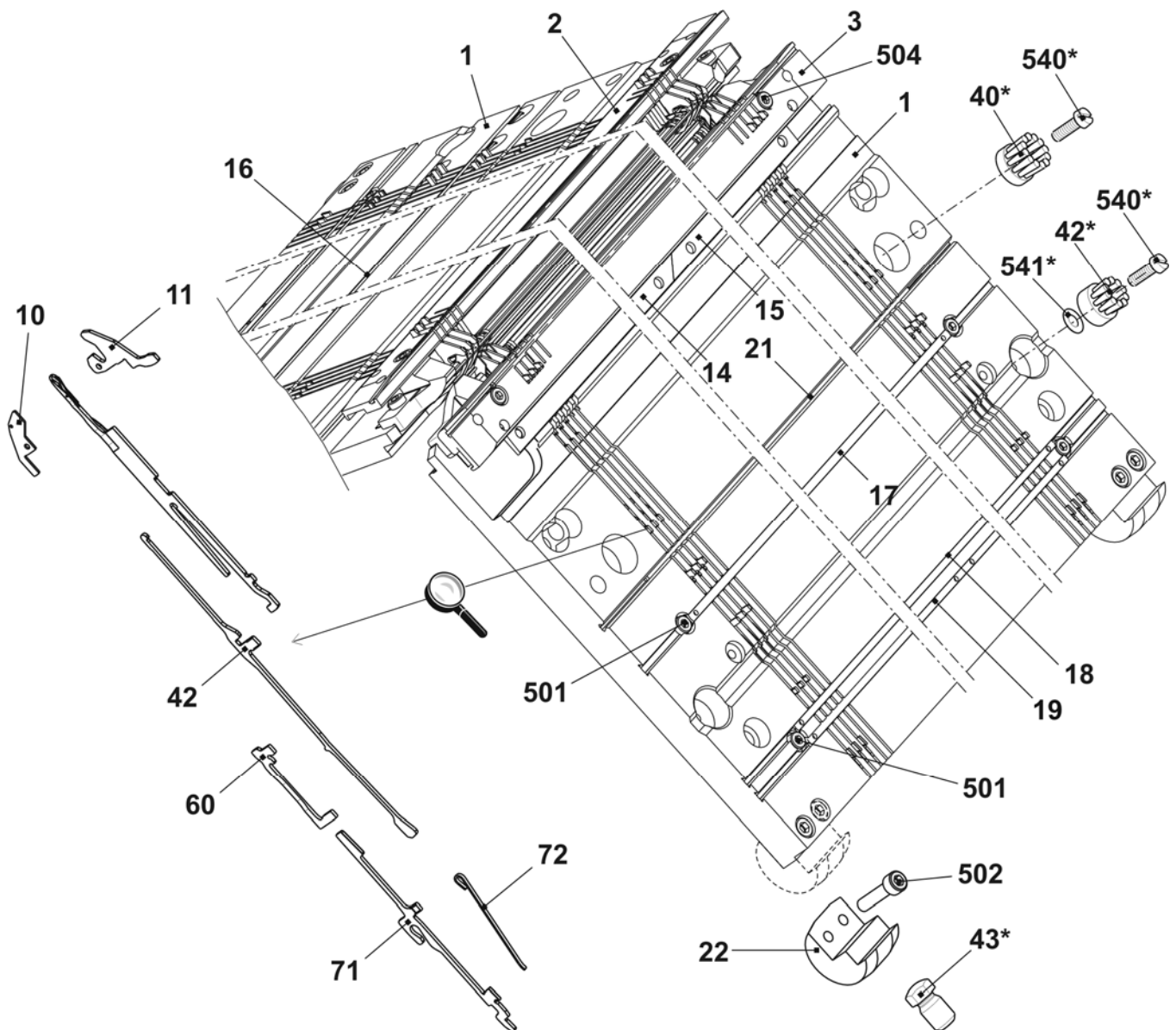
## Continuation needle bed E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E7 - E8	213 989	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E4-E8	205 343	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E4-E8	205 344	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



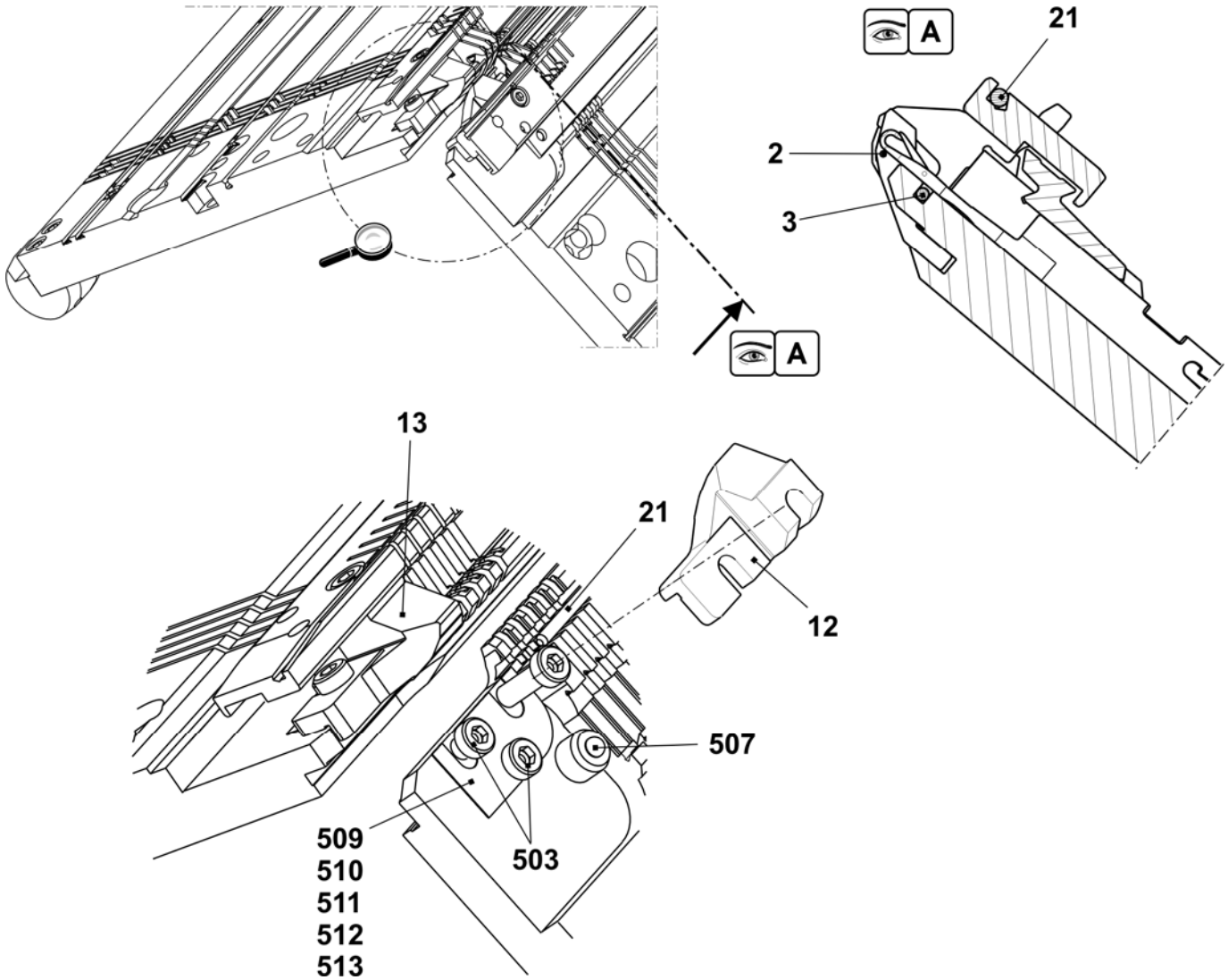
## Needle bed E10

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front and rear E10</b>	<b>241 495</b>	17	Cover rail at the front E10	214 036
1	Needle bed at the front + rear E10	240 499	18	Cover rail	213 762
2	Holding-down jack bed at the rear E10	240 447	19	Cover rail	213 763
3	Holding-down jack bed at the front E10	240 430	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E10 with round hook	205 398	22	Support	241 339
42	Coupling part E10 - E12	200 683	501	Cap screw M5x10	022 918
60	Intermediate slider E10 - E12 + E6.2	237 324	502	Cap screw M6x25	020 137
71	Selection jack E10 - E12	200 688	504	Cap screw M5x22	023 193
72	Selector spring E10 - E12	200 691	40*	Disk brush	235 612
10	Knock-over bit E10	239 756	42*	Disk brush	202 600
11	Holding-down jack (trick wall) E10	239 815	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



### Continuation needle bed E10

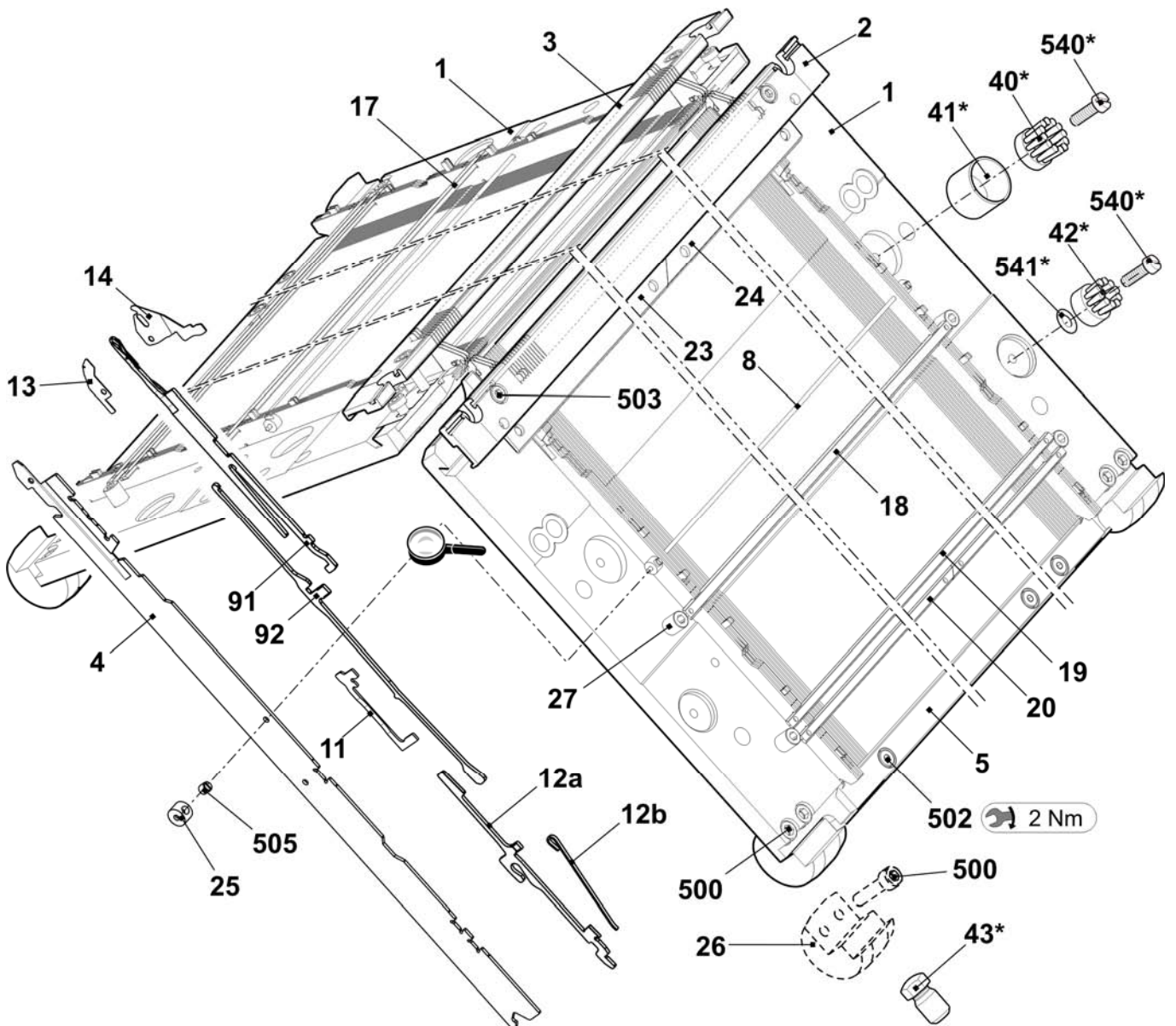
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.6 D E10 – E14	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E10 – E14	205 764	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E10 – E14	205 765	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253





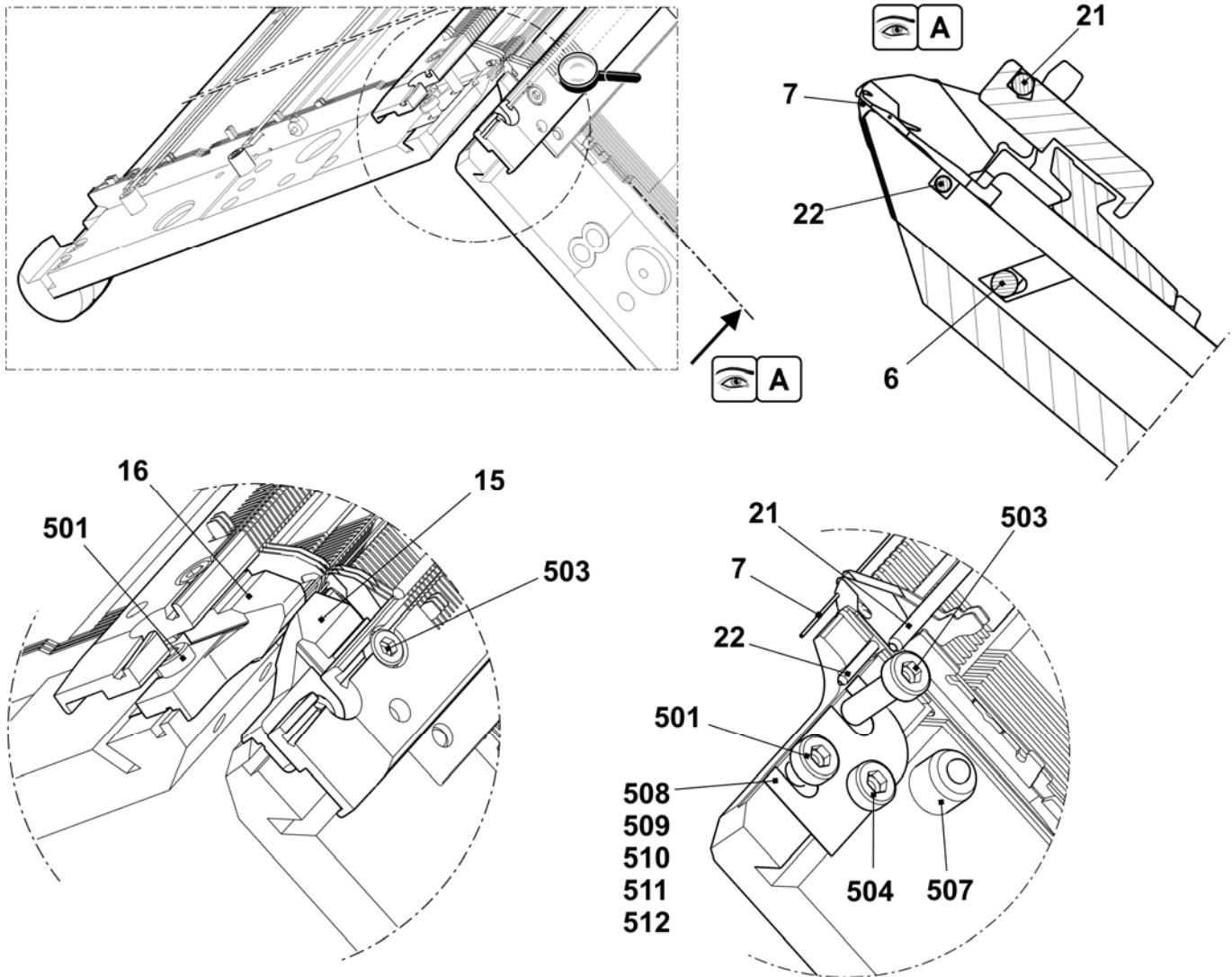
## Needle bed E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Needle bed complete at the front + rear E5.2</b>	<b>241 509</b>	20	Cover rail	213 763
1	Needle bed at the front + rear E5.2	240 386	23	Needle rail on the left	213 998
2	Holding-down jack bed at the front E5.2	240 437	24	Needle rail on the right	213 999
3	Holding-down jack bed at the rear E5.2	240 454	25	Bush	206 090
4	Main trick wall E5.2	219 171	26	Support	241 339
5	Pressure slide E10 – E14	213 919	27	Stop screw	214 039
8	Spring steel wire 2.0x1,286mm	213 996	500	Cap screw M6X14	022 658
91	Needle E5.2 vosa special 110.118	219 181	502	Cap screw M5x8	023 379
92	Coupling part E5.2	219 188	503	Cap screw M5x22	023 193
11	Intermediate slider complete E5.2	236 030	505	Set screw M3.5x3-1	020 512
12a	Selection jack E5.2	219 214	40*	Disk brush	235 612
12b	Selector spring E5.2	219 265	41*	Container disk brush	233 012
13	Knock-over bit E5.2	221 367	42*	Disk brush	202 600
14	Holding-down jack (trick wall) E5.2	227 716	43*	Adjusting bolt	240 765
17	Cover rail at the rear	213 981	540*	Cap screw M5x12	020 032
18	Cover rail at the front E10	214 036	541*	Adjusting washer P6x0.3	023 540
19	Cover rail	213 762			



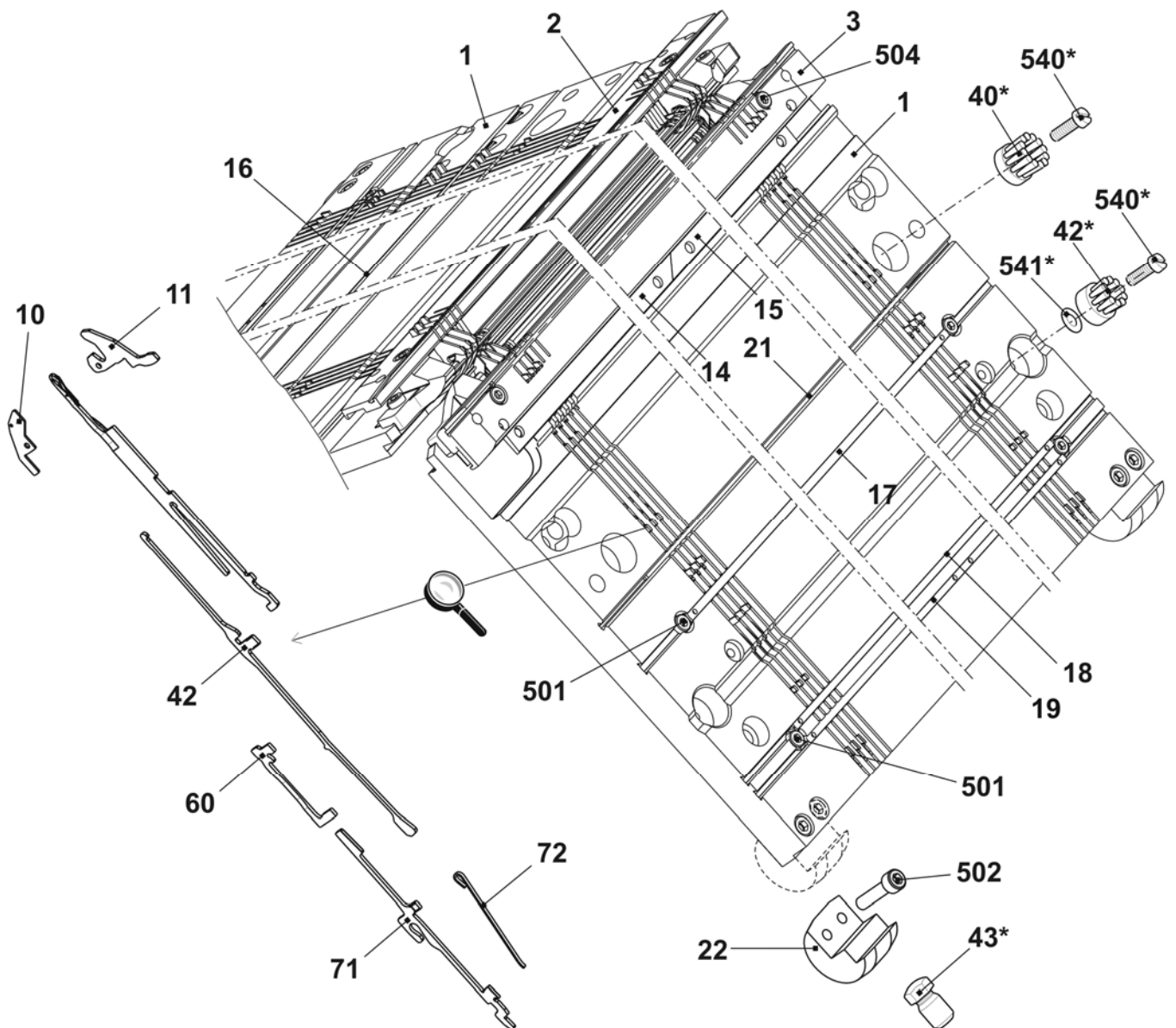
## Continuation needle bed E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
6	Fixed wire 3.4mm E10-12	213995	502	Cap screw M5x8	023379
7	Spring steel wire 1.0mm E5-6	213988	507	Sprung thrust piece	023177
15	Limiters on the left E4-E8	205343	508	Shim 0.02x18.5x34	023194
16	Limiters on the right E4-E8	205344	509	Shim 0.03x18.5x34	023195
21	Spring steel wire 2.0x1290mm	213983	510	Shim 0.05x18.5x34	023196
22	Spring steel wire 1.95mm E10-14	213997	511	Shim 0.1x18.5x34	023197
501	Cap screw M5x8-8.8	023154	512	Shim 0.2x18.5x34	023253



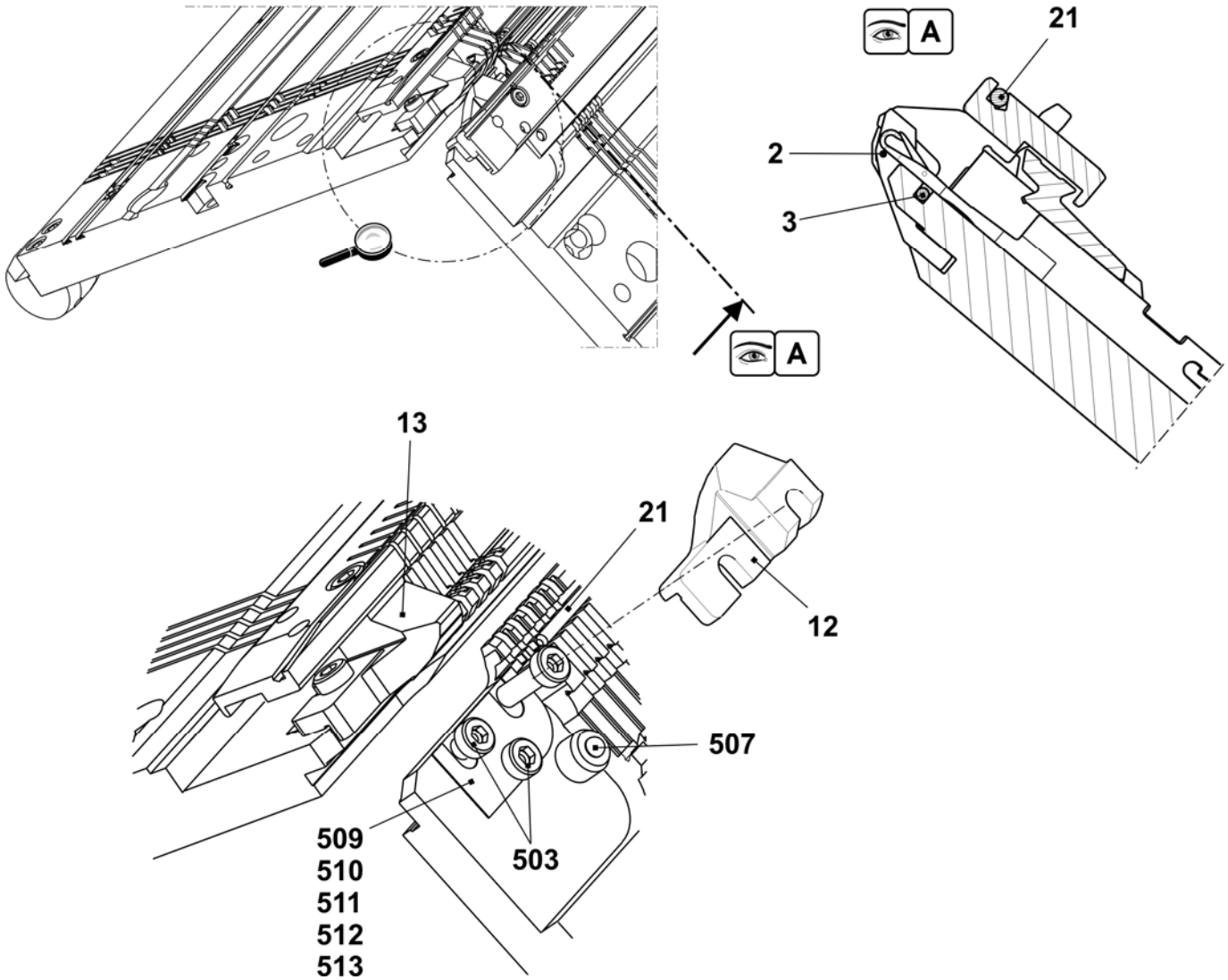
## Needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front and rear E10</b>	<b>241 505</b>	17	Cover rail at the front E10	214 036
1	Needle bed at the front + rear E10	240 499	18	Cover rail	213 762
2	Holding-down jack bed at the rear E10	240 447	19	Cover rail	213 763
3	Holding-down jack bed at the front E10	240 430	21	Fixed wire D=2.8 1290mm	213 983
41	Needle E12	204 009	22	Support	241 339
42	Coupling part E10 - E12	200 683	501	Cap screw M5x10	022 918
60	Intermediate slider E10 - E12 + E6.2	237 324	502	Cap screw M6x25	020 137
71	Selection jack E10 - E12	200 688	504	Cap screw M5x22	023 193
72	Selector spring E10 - E12	200 691	40*	Disk brush	235 612
10	Knock-over bit E10	205 012	42*	Disk brush	202 600
11	Holding-down jack (trick wall) E10	232 433	43*	Adjusting bolt	240 765
14	Needle rail on the left	213 998	540*	Cap screw M5x12	020 032
15	Needle rail on the right	213 999	541*	Adjusting washer P6x0.3	023 540
16	Cover rail at the rear	213 981			



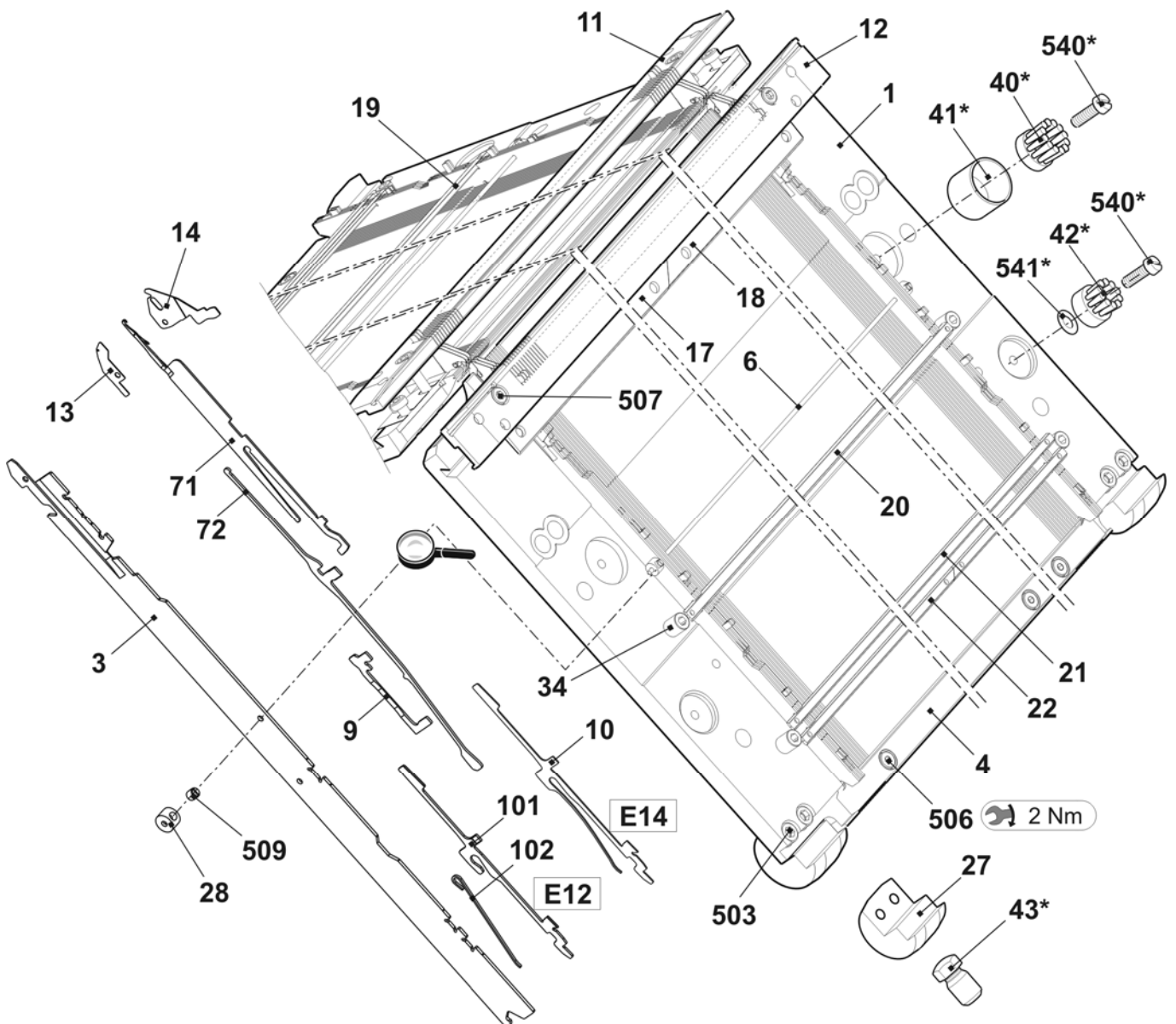
### Continuation needle bed E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Spring steel wire 0.8 D E10 – E14	213 990	507	Sprung thrust piece	023 177
3	Spring steel wire D=2.0 1,286mm	213 996	509	Shim 0.02x18.5x34	023 194
12	Limiter on the left E10 – E14	205 764	510	Shim 0.03x18.5x34	023 195
13	Limiter on the right E10 – E14	205 765	511	Shim 0.05x18.5x34	023 196
21	Fixed wire D=2.8 1290mm	213 983	512	Shim 0.1x18.5x34	023 197
503	Cap screw M5x8	023 154	513	Shim 0.2x18.5x34	023 253



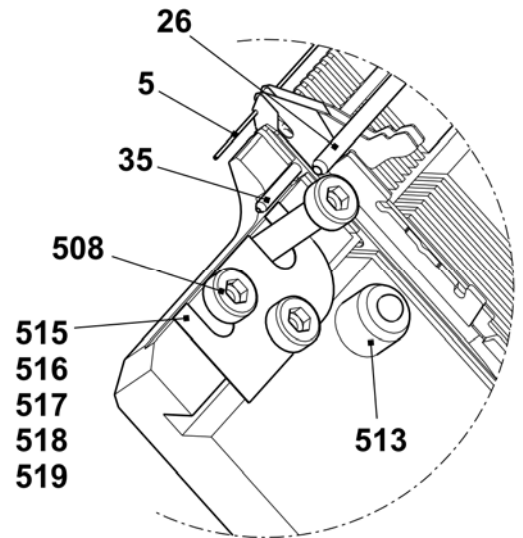
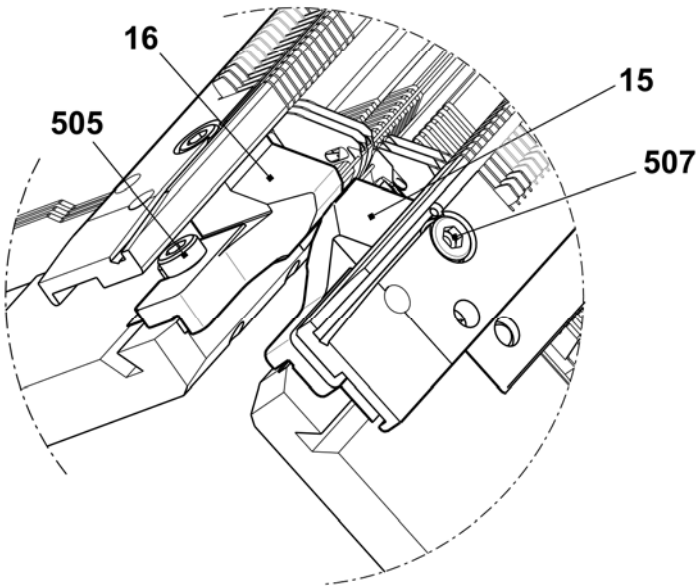
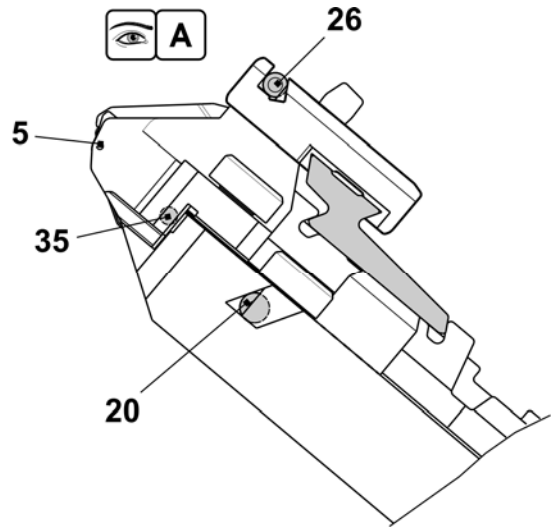
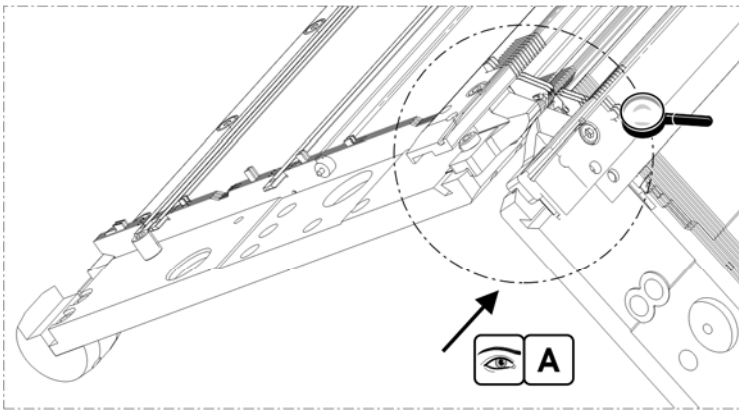
## Needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Needle bed complete at the front and rear E12</b>	<b>241 496</b>	20	Cover rail at the front E12	214 037
1	Needle bed at the front rear E12	240 382	21	Cover rail	213 762
3	Main trick wall E12	205 355	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1,286mm	213 996	28	Bush	206 090
71	Needle E12	204 009	34	Stop screw	214 039
72	Coupling part E10 - E12	200 683	40*	Disk brush	235 612
9	Intermediate slider E10	237 324	41*	Container disk brush	233 012
101	Selection jack E12	200 688	42*	Disk brush	202 600
102	Selector spring E10 – E12	200 691	43*	Adjusting bolt	240 765
11	Holding-down jack bed at the rear E12	240 448	540*	Cap screw M5x12	020 032
12	Holding-down jack bed at the front E12	240 431	541*	Adjusting washer P6x0.3	023 540
13	Knock-over bit E12	205 013	503	Cap screw M6X14	022 658
14	Holding-down jack (trick wall) E12	227 821	506	Cap screw M5x8	023 379
17	Needle rail on the left	213 998	507	Cap screw M5x22	023 193
18	Needle rail on the right	213 999	509	Set screw M3.5x3-1	020 512
19	Cover rail at the rear	213 981			



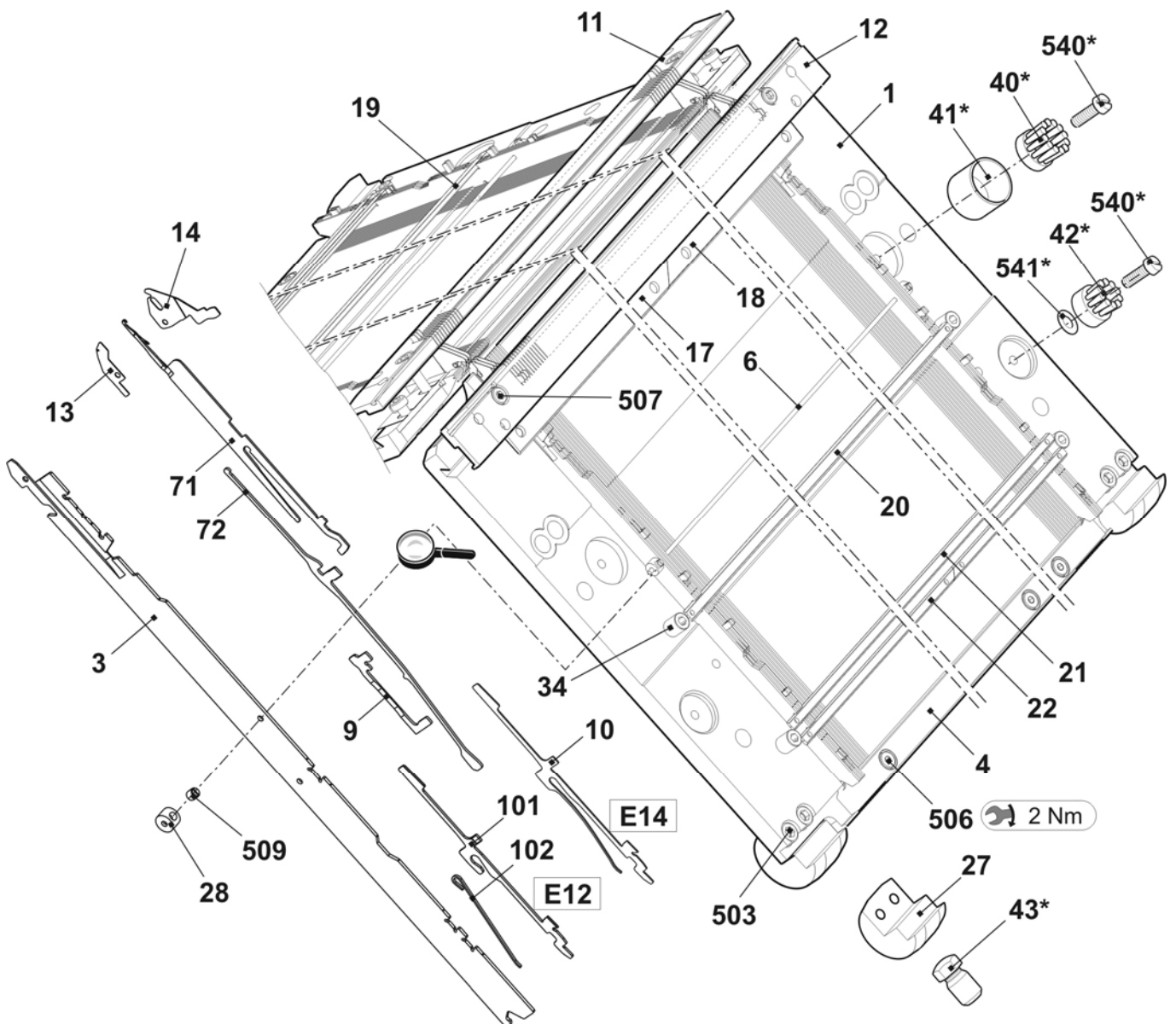
## Continuation needle bed E12

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E10 - E14	205 764	513	Sprung thrust piece	023 177
16	Limiter on the right E10 - E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10-12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



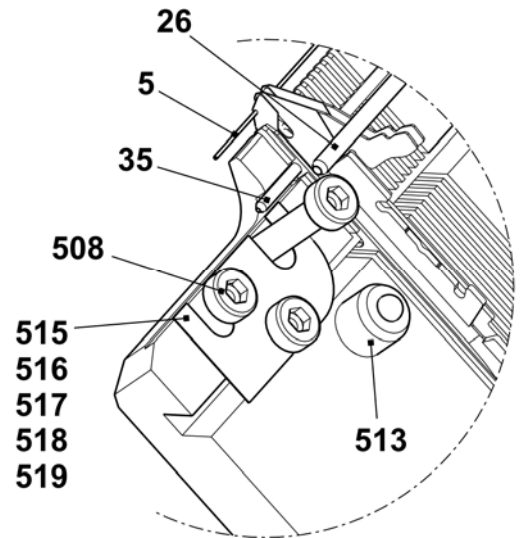
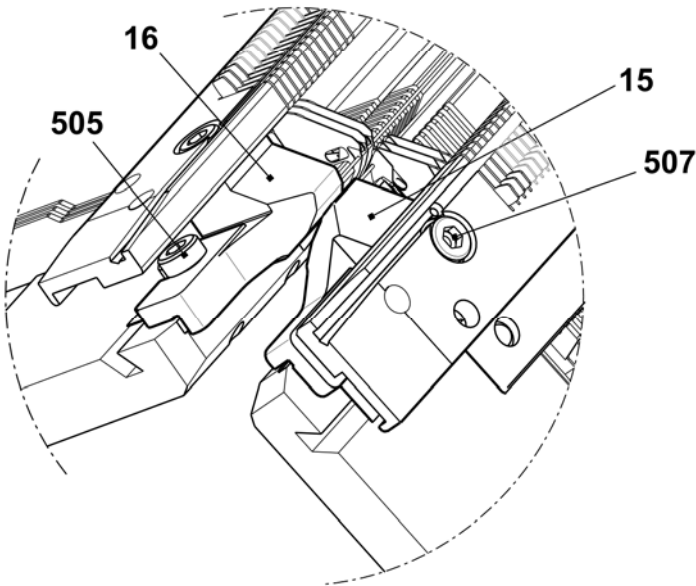
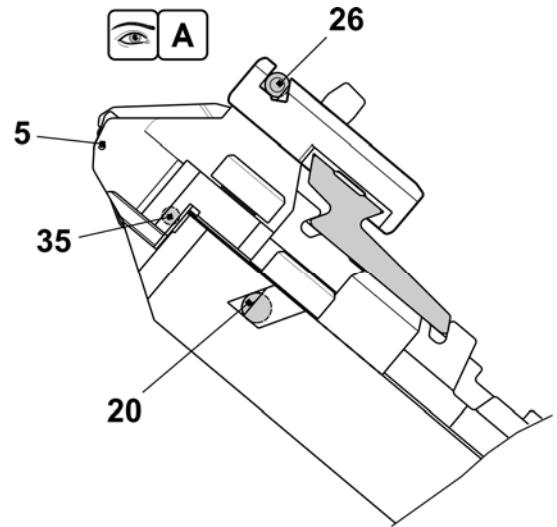
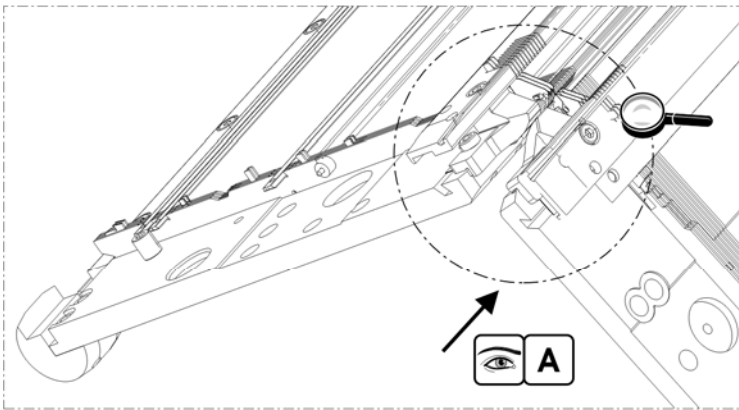
## Needle bed E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E6.2</b>	<b>241 510</b>			
1	Needle bed at the front rear E12	240 382	20	Cover rail at the front E12	214 037
3	Main trick wall E12	205 355	21	Cover rail	213 762
4	Pressure slide E10 – E14	213 919	22	Cover rail	213 763
6	Spring steel wire D=2.0 1,286mm	213 996	27	Support	241 339
71	Needle E6.2	207 349	28	Bush	206 090
72	Coupling part E10 - E12	200 683	34	Stop screw	214 039
9	Intermediate slider E10	237 324	40*	Disk brush	235 612
101	Selection jack E12	200 688	41*	Container disk brush	233 012
102	Selector spring E10 – E12	200 691	42*	Disk brush	202 600
11	Holding-down jack bed at the rear E6.2	240 455	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E6.2	240 438	540*	Cap screw M5x12	020 032
13	Knock-over bit E12	205 013	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E12	227 821	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3.5x3-1	020 512



### Continuation needle bed E6.2

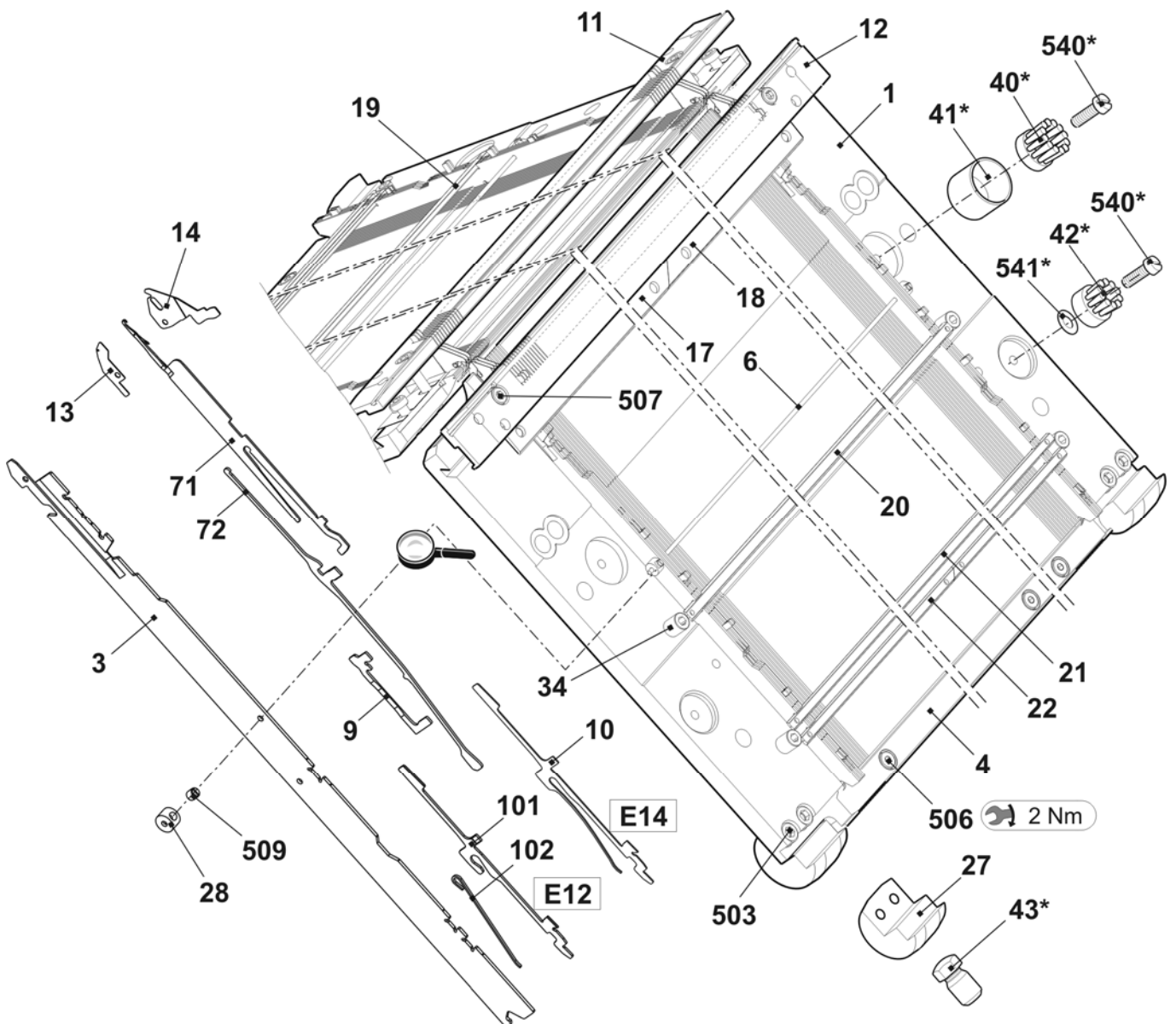
Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	507	Cap screw M5x22	023 193
15	Limiter on the left E10 – E14	205 764	508	Cap screw M5x12-8.8	022 943
16	Limiter on the right E10 – E14	205 765	513	Sprung thrust piece	023 177
20	Fixed wire 3.4d E10-12	213 995	515	Shim 0.02x18.5x345	023 194
26	Fixed wire D=2.8 1290mm	213 983	516	Shim 0.03x18.5x34	023 195
35	Spring steel wire 1.95 D E10 – E14	213 997	517	Shim 0.05x18.5x34	023 196
505	Cap screw M5x8-8.8	023 154	518	Shim 0.1x18.5x34	023 197
			519	Shim 0.2X18.5X34	023 253





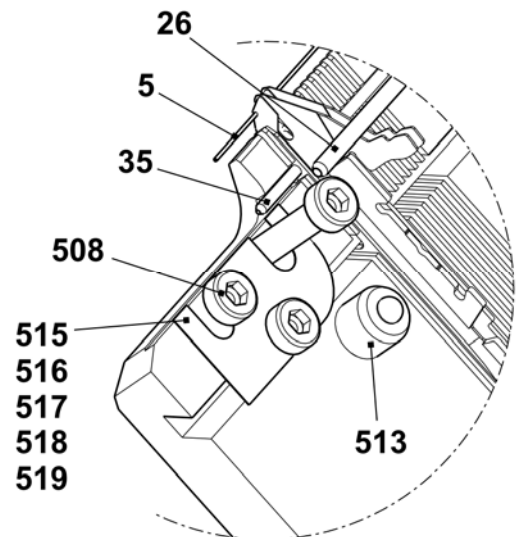
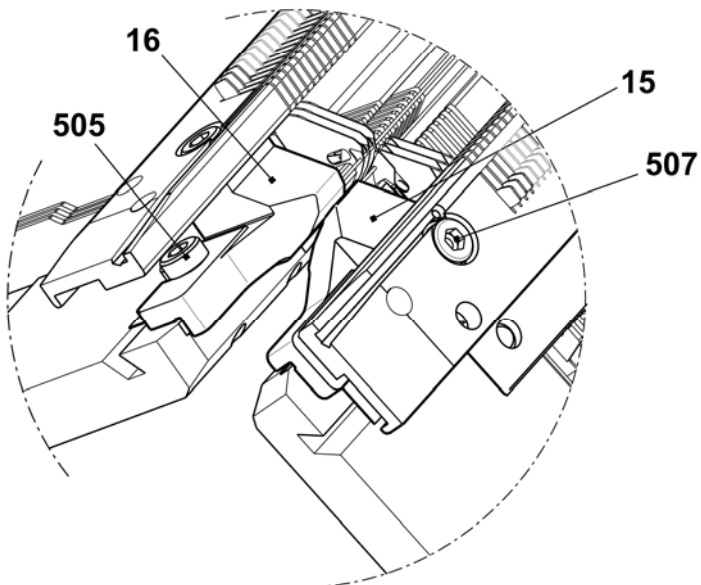
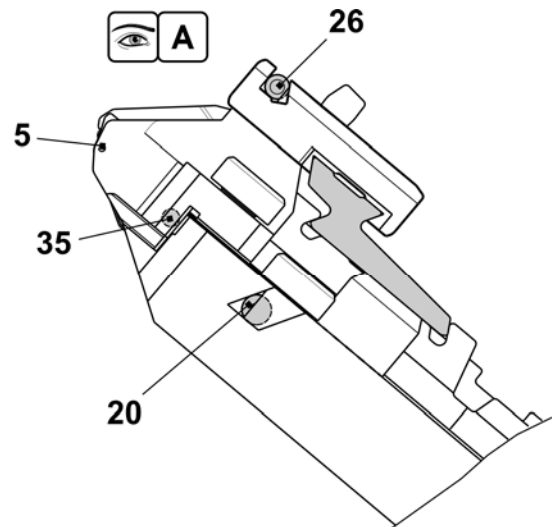
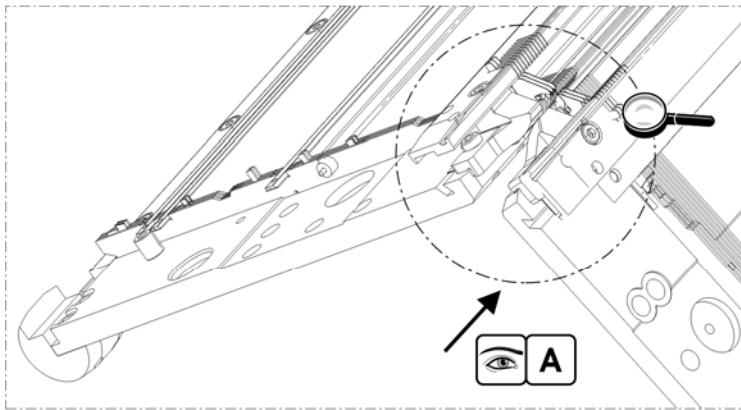
## Needle bed E6.2 (12m.10)

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front and rear E6.2(12m.10)</b>	<b>241 506</b>			
1	Needle bed at the front rear E12	240 382	20	Cover rail at the front E12	214 037
3	Main trick wall E12	205 355	21	Cover rail	213 762
4	Pressure slide E10 – E14	213 919	22	Cover rail	213 763
6	Spring steel wire D=2.0 1,286mm	213 996	27	Support	241 339
71	Needle E10 with round hook	205 398	28	Bush	206 090
72	Coupling part E10 - E12	200 683	34	Stop screw	214 039
9	Intermediate slider E10	237 324	40*	Disk brush	235 612
101	Selection jack E12	200 688	41*	Container disk brush	233 012
102	Selector spring E10 – E12	200 691	42*	Disk brush	202 600
11	Holding-down jack bed at the rear E12	240 448	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E12	240 431	540*	Cap screw M5x12	020 032
13	Knock-over bit E12	205 013	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E12	227 821	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3.5x3-1	020 512



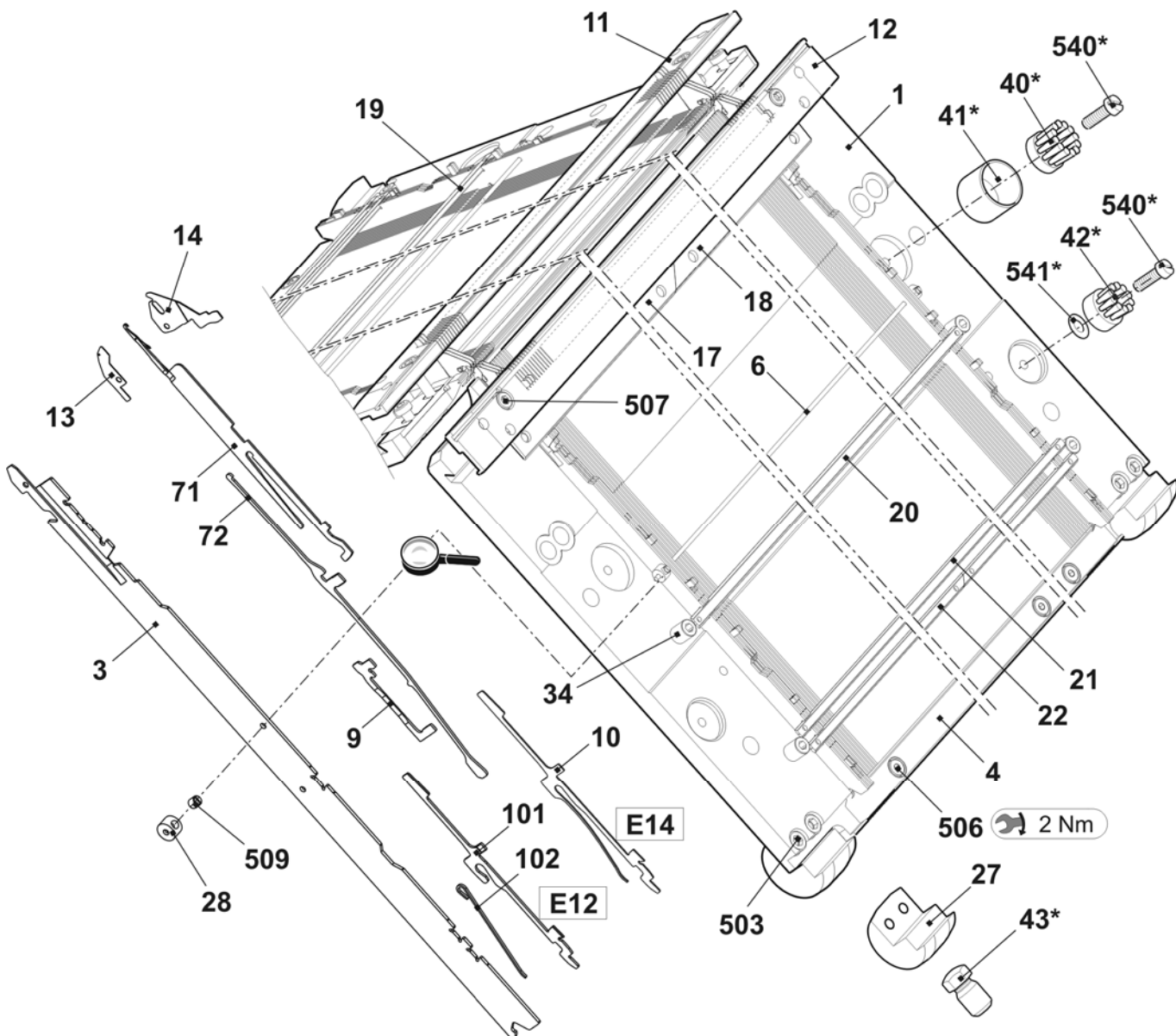
## Continuation needle bed E6.2(12m.10)

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	507	Cap screw M5x22	023 193
15	Limiter on the left E10 - E14	205 764	508	Cap screw M5x12-8.8	022 943
16	Limiter on the right E10 - E14	205 765	513	Sprung thrust piece	023 177
20	Fixed wire 3.4d E10-12	213 995	515	Shim 0.02x18.5x345	023 194
26	Fixed wire D=2.8 1290mm	213 983	516	Shim 0.03x18.5x34	023 195
35	Spring steel wire 1.95 D E10 - E14	213 997	517	Shim 0.05x18.5x34	023 196
505	Cap screw M5x8-8.8	023 154	518	Shim 0.1x18.5x34	023 197
			519	Shim 0.2x18.5x34	023 253



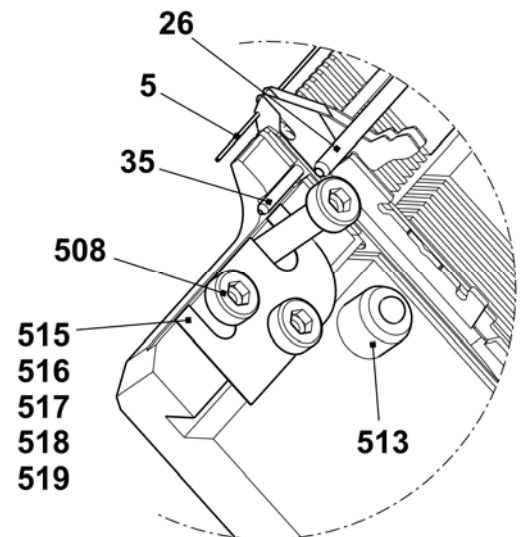
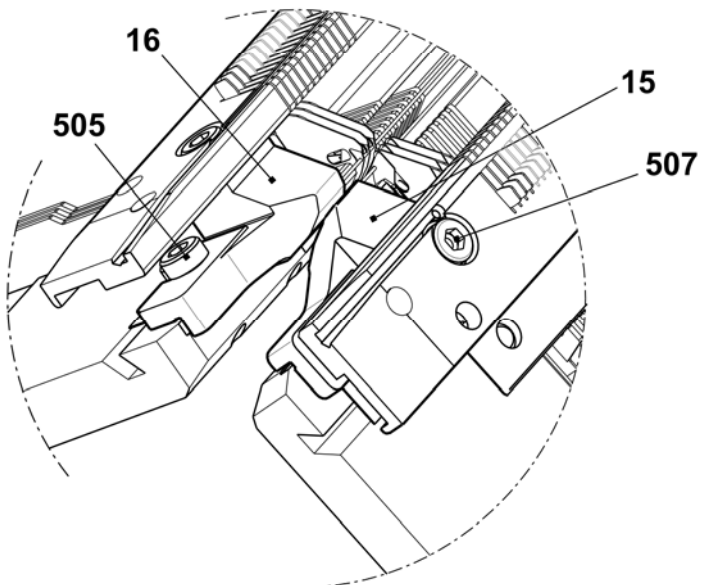
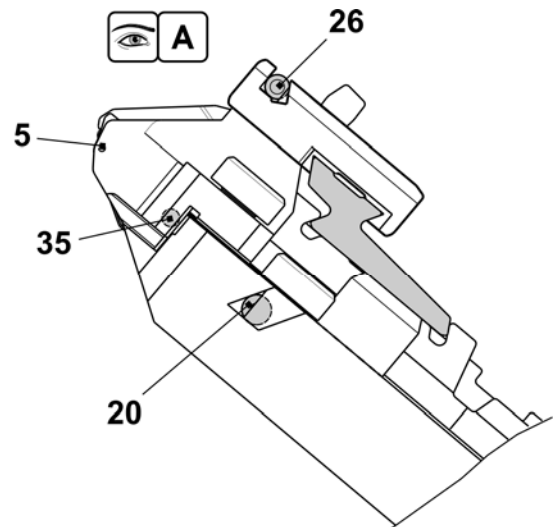
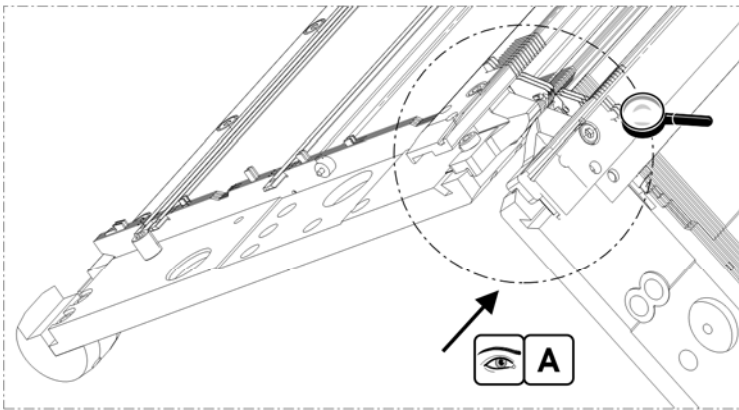
## Needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E14</b>	<b>241 497</b>	20	Cover rail at the front E14	214 038
1	Needle bed at the front and rear E14	240 383	21	Cover rail	213 762
3	Main trick wall E14	209 574	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1,286mm	213 996	28	Bush	206 090
71	Needle E14	209 614	34	Stop screw	214 039
72	Coupling part E14	209 633	40*	Disk brush	235 612
9	Intermediate slider E14	237 373	41*	Container disk brush	233 012
10	Selection jack with spring E14	224 725	42*	Disk brush	202 600
11	Holding-down jack bed at the rear E14	240 449	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E14	240 432	540*	Cap screw M5x12	020 032
13	Knock-over bit E14	209 649	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E14	235 262	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3.5x3-1	020 512



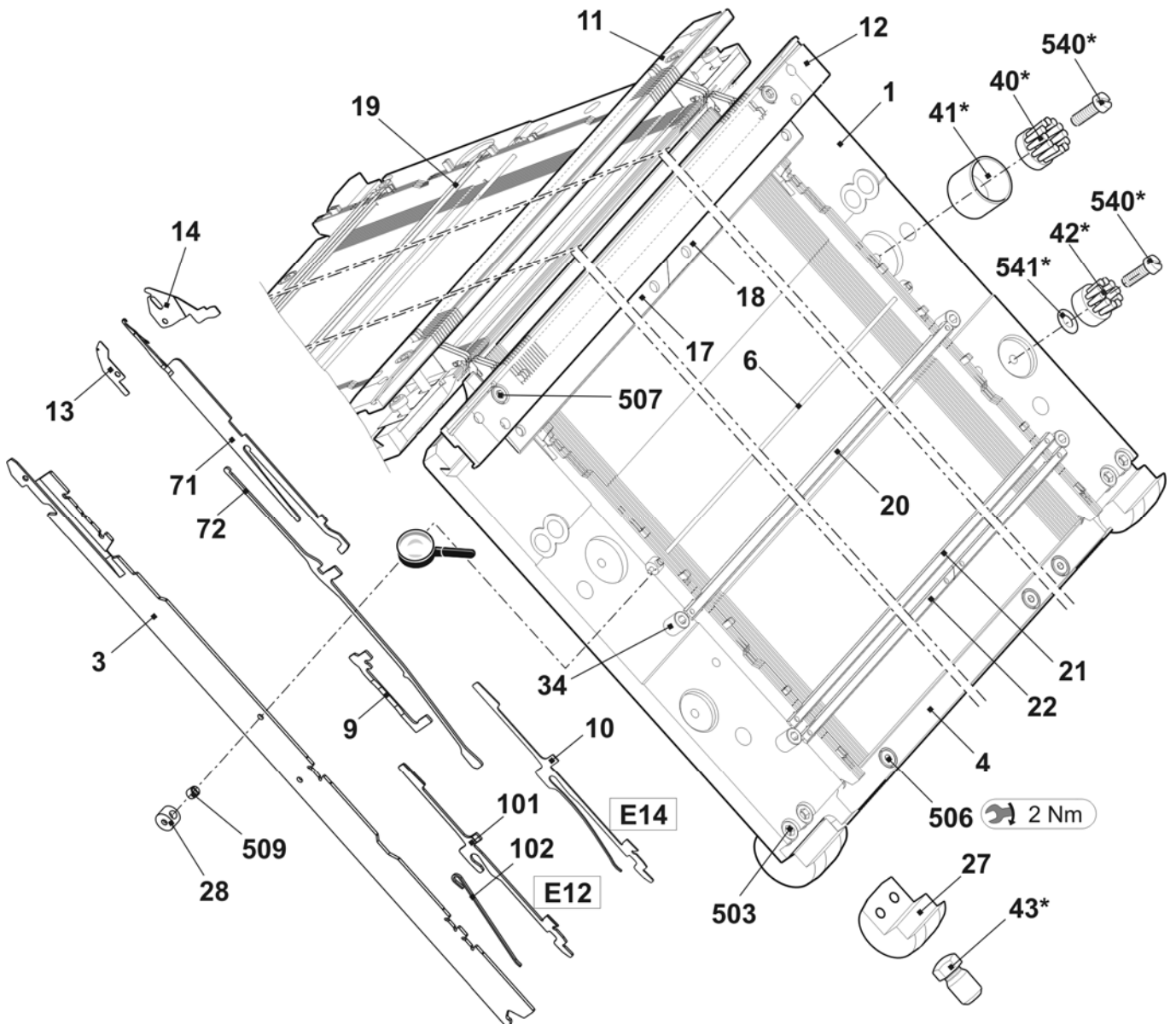
## Continuation needle bed E14

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E10 - E14	205 764	513	Spring thrust piece	023 177
16	Limiter on the right E10 - E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10 - E12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



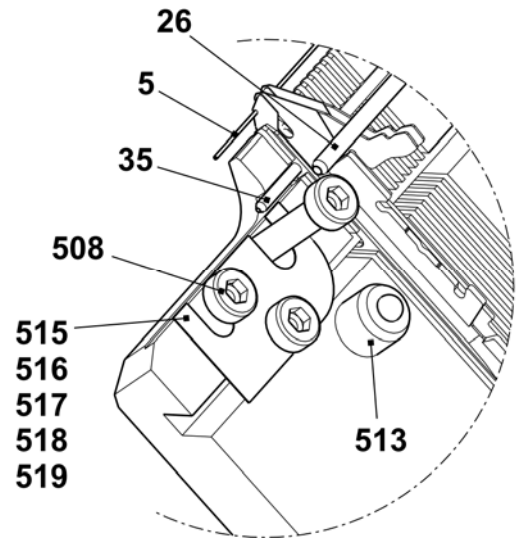
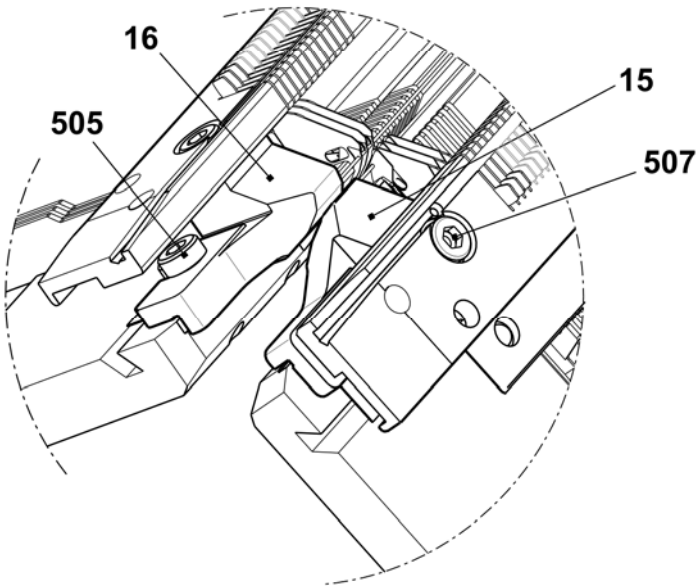
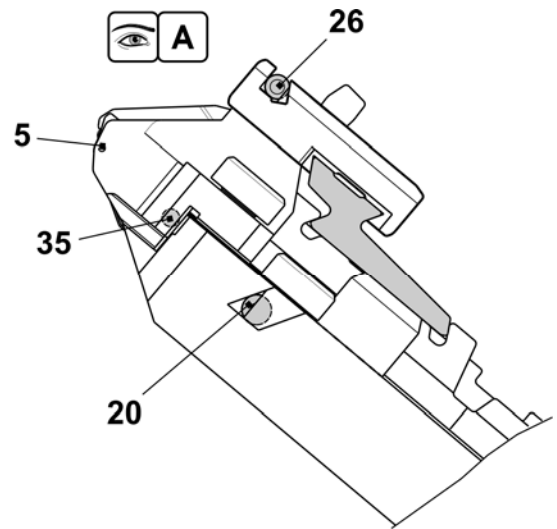
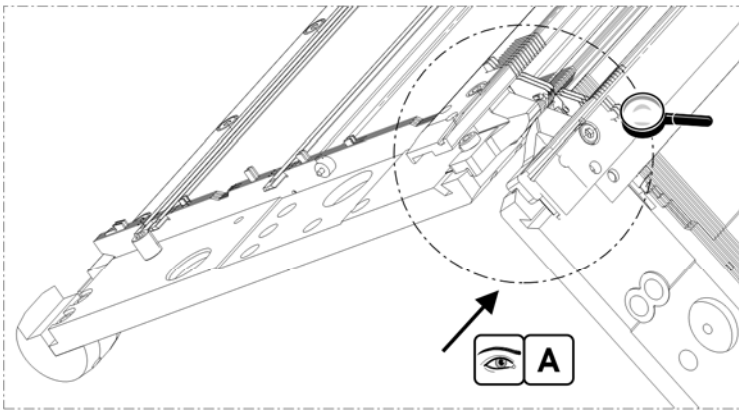
## Needle bed E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E7.2</b>	<b>241 511</b>	20	Cover rail at the front E14	214 038
1	Needle bed at the front and rear E14	240 383	21	Cover rail	213 762
3	Main trick wall E14	209 574	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1,286mm	213 996	28	Bush	206 090
71	Needle E7.2 vosa special 112.70-62	225 230	34	Stop screw	214 039
72	Coupling part E14	209 633	40*	Disk brush	235 612
9	Intermediate slider E14	237 373	41*	Container disk brush	233 012
10	Selection jack with spring E14	224 725	42*	Disk brush	202 600
11	Holding-down jack bed at the rear E7.2	240 456	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E7.2	240 439	540*	Cap screw M5x12	020 032
13	Knock-over bit E14	209 649	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E14	235 262	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3.5x3-1	020 512



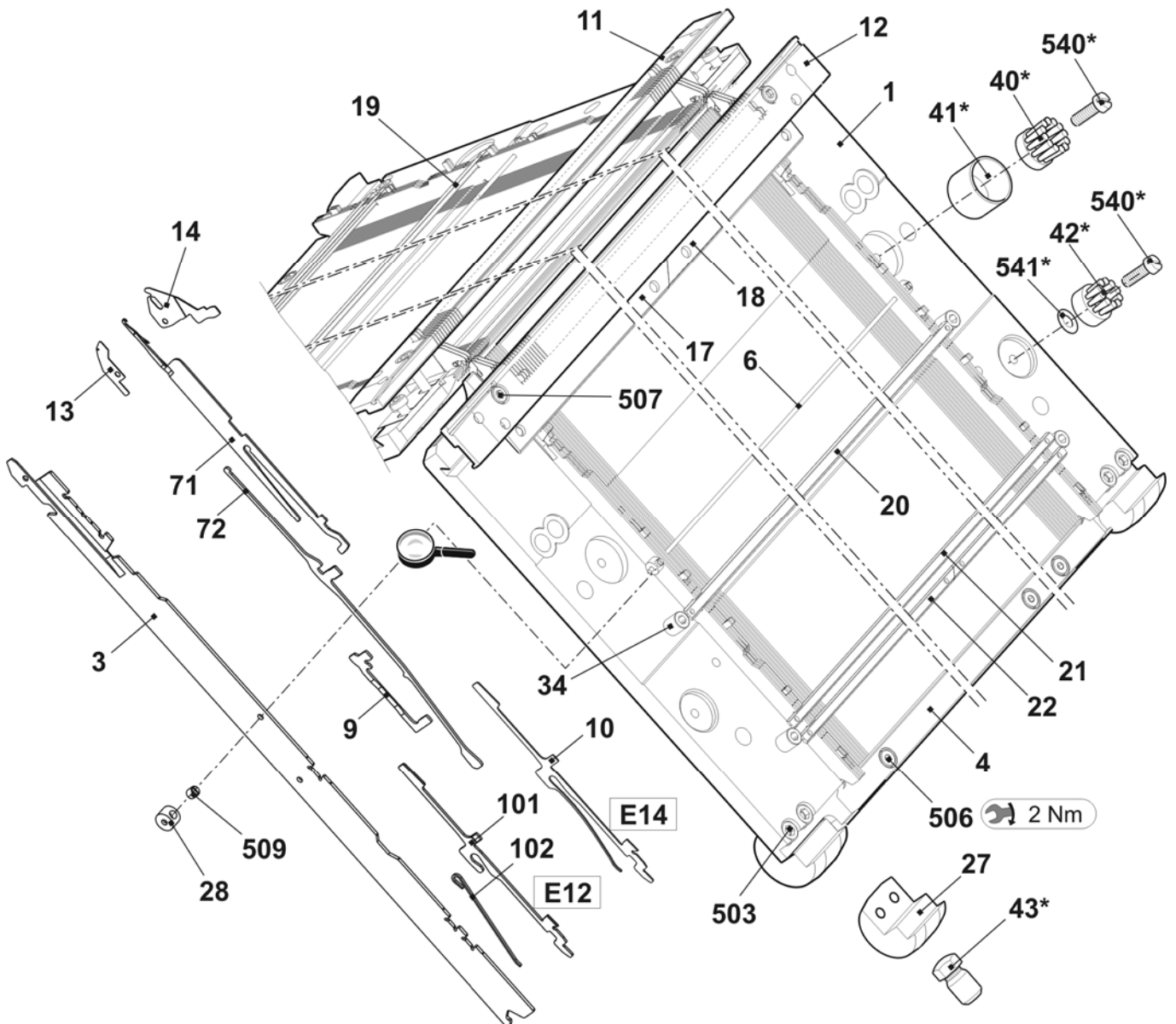
## Continuation needle bed E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E10 - E14	205 764	513	Spring thrust piece	023 177
16	Limiter on the right E10 - E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10-12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			



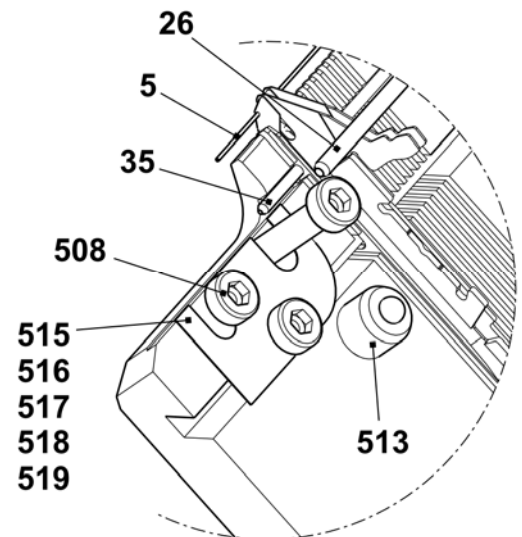
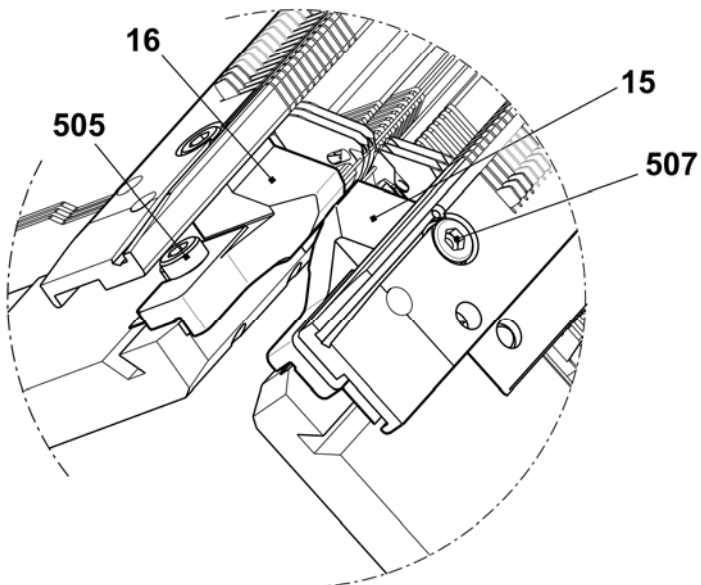
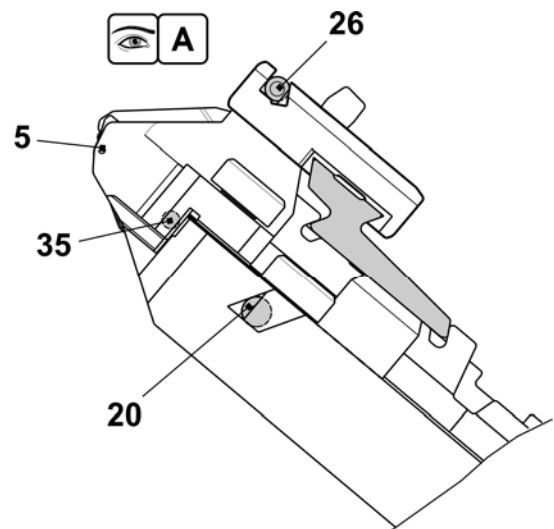
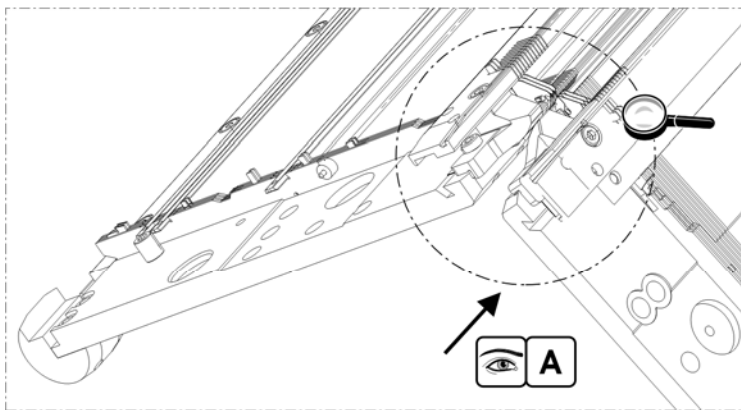
## Needle bed E14/12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Needle bed complete at the front and rear E14/12</b>	<b>241 500</b>	20	Cover rail at the front E14	214 038
1	Needle bed at the front and rear E14	240 383	21	Cover rail	213 762
3	Main trick wall E14	209 574	22	Cover rail	213 763
4	Pressure slide E10 – E14	213 919	27	Support	241 339
6	Spring steel wire D=2.0 1,286mm	213 996	28	Bush	206 090
71	Needle E14/12	227 756	34	Stop screw	214 039
72	Coupling part E14	209 633	40*	Disk brush	235 612
9	Intermediate slider E14	237 373	41*	Container disk brush	233 012
10	Selection jack with spring E14	224 725	42*	Disk brush	202 600
11	Holding-down jack bed at the rear E14	240 449	43*	Adjusting bolt	240 765
12	Holding-down jack bed at the front E14	240 432	540*	Cap screw M5x12	020 032
13	Knock-over bit E14	209 649	541*	Adjusting washer P6x0.3	023 540
14	Holding-down jack (trick wall) E14	235 262	503	Cap screw M6X14	022 658
17	Needle rail on the left	213 998	506	Cap screw M4-M5x8	023379
18	Needle rail on the right	213 999	507	Cap screw M5x22	023 193
19	Cover rail at the rear	213 981	509	Set screw M3.5x3-1	020 512



## Continuation needle bed E14/12

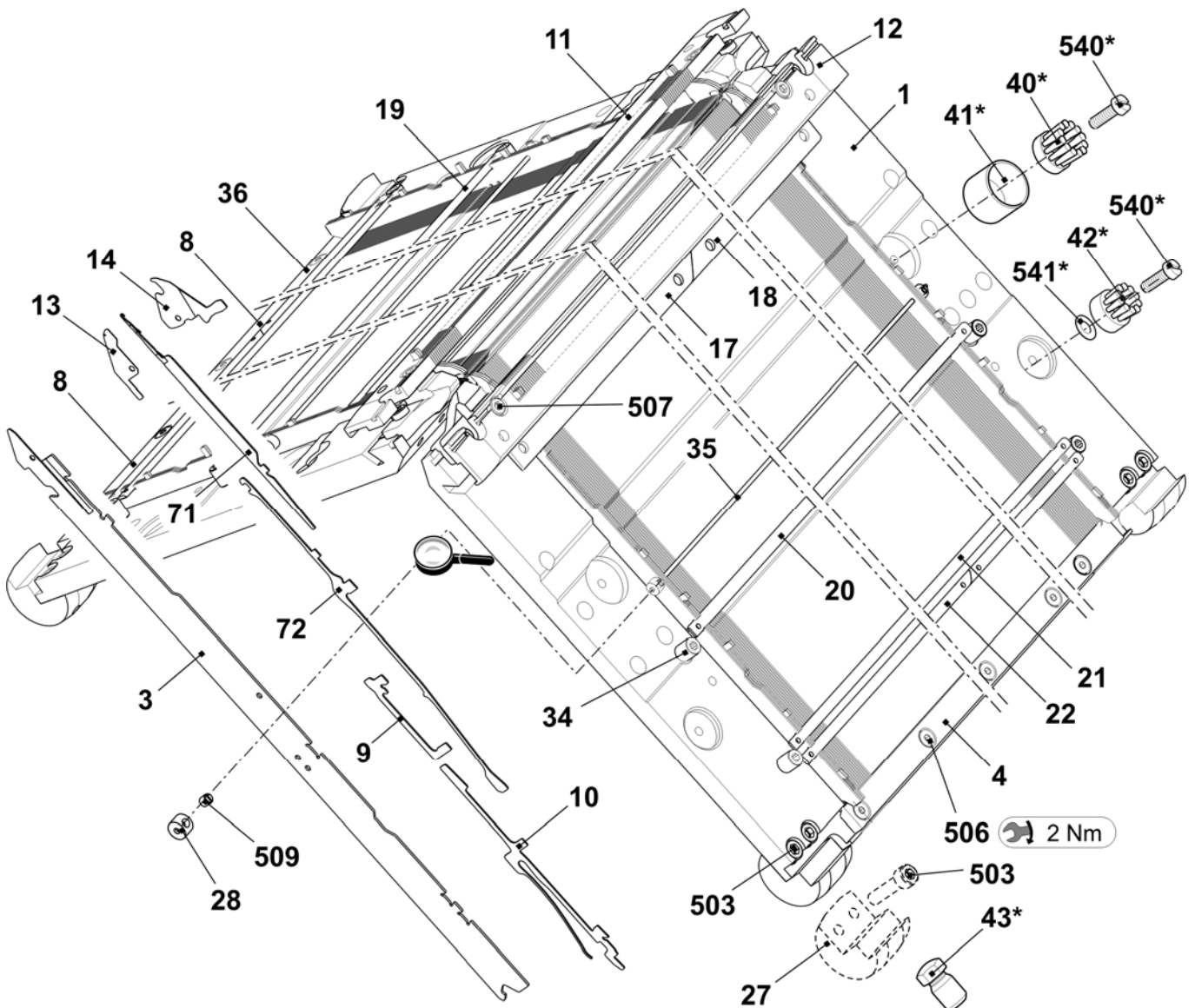
Pos	Designation	Ident No	Pos	Designation	Ident No
5	Spring steel wire 0.6 D E10 - E14	213 990	508	Cap screw M5x12-8.8	022 943
15	Limiter on the left E10 - E14	205 764	513	Spring thrust piece	023 177
16	Limiter on the right E10 - E14	205 765	515	Shim 0.02x18.5x345	023 194
20	Fixed wire 3.4d E10-12	213 995	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1290mm	213 983	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire 1.95 D E10 - E14	213 997	518	Shim 0.1x18.5x34	023 197
505	Cap screw M5x8-8.8	023 154	519	Shim 0.2X18.5X34	023 253
507	Cap screw M5x22	023 193			





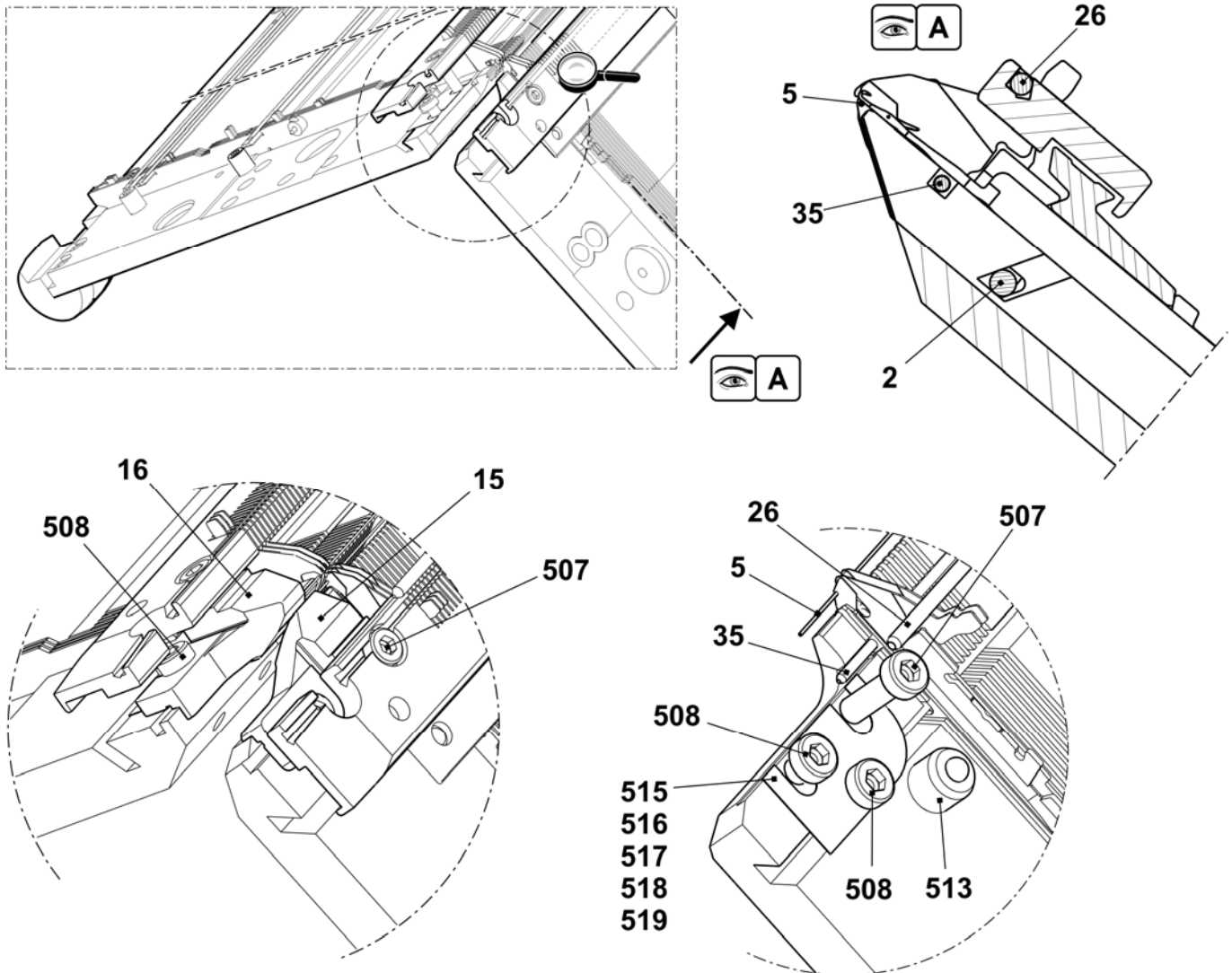
## Needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Needle bed complete at the front + rear E16</b>	<b>250 086</b>	21	Cover rail	213 762
1	Needle bed at the front rear E16	245 318	22	Cover rail	213 763
3	Main trick wall E16	245 319	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E16	232 243	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 – E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16	237 326	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	Set screw M3.5x3-1	020 512



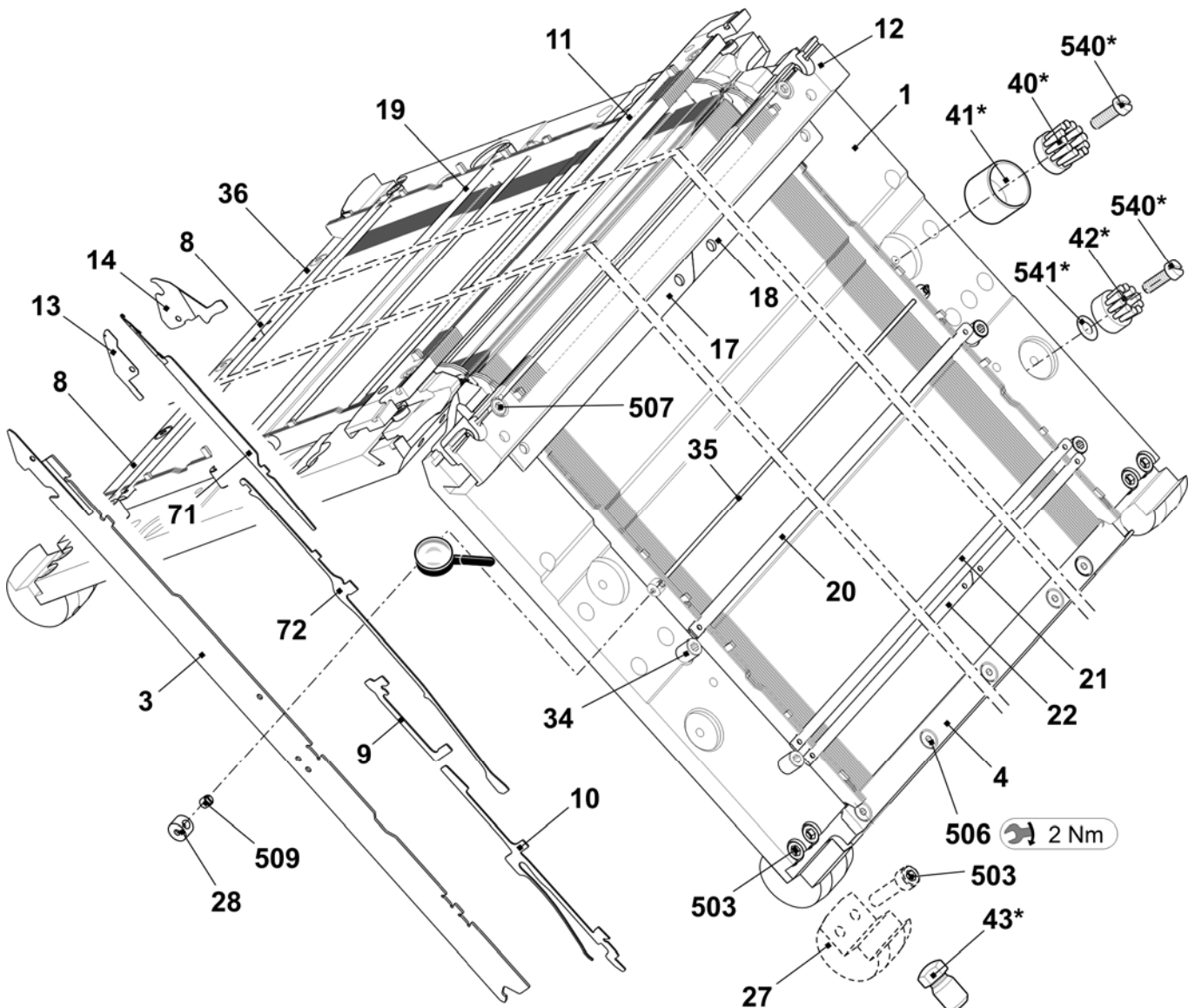
## Continuation needle bed E16

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Fixed wire D=3.4 1290 mm	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire D=0.5 1,287 mm	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 D=2.8 1,285 mm	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire D=2.0 1,287 mm	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



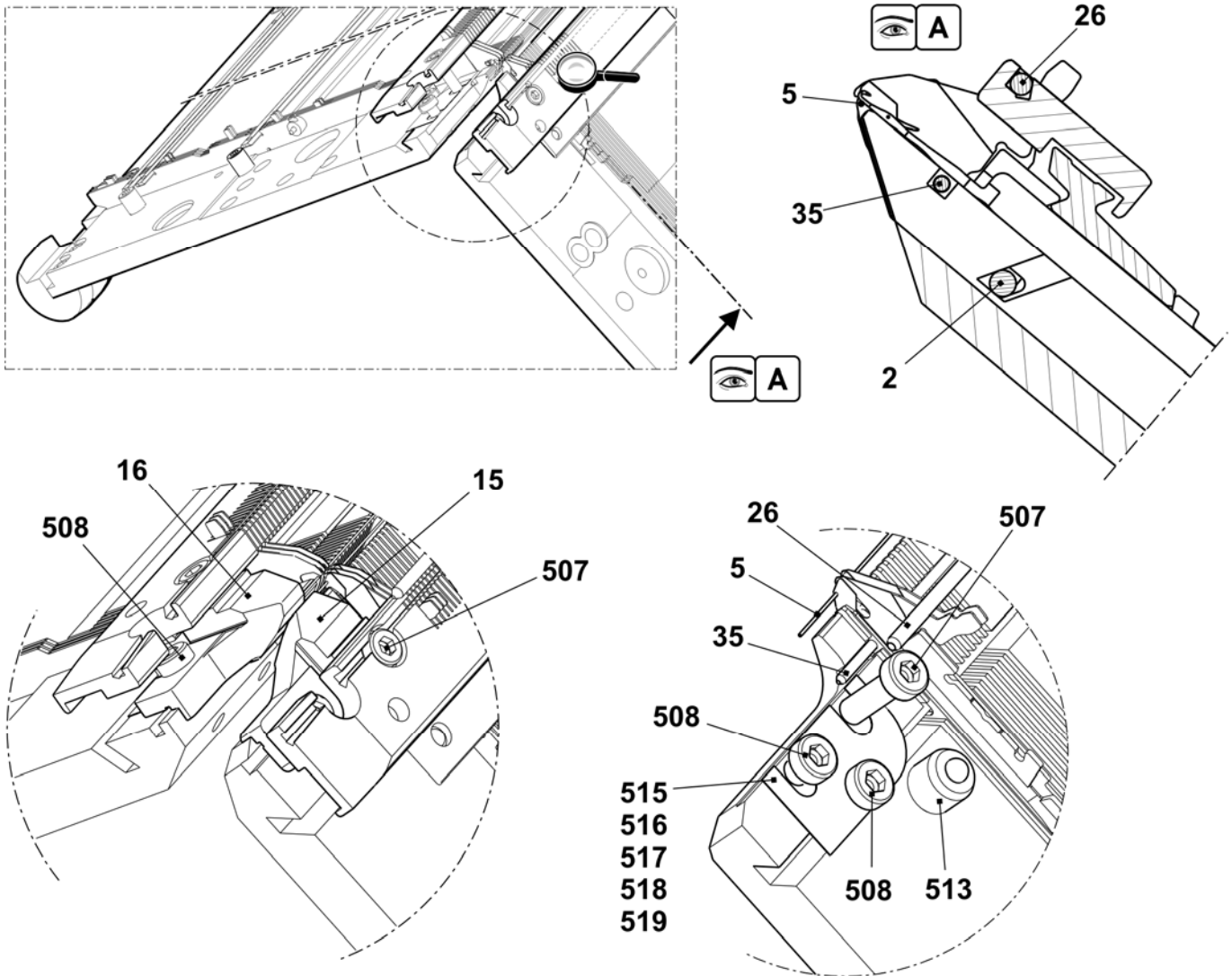
## Needle bed E8.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front and rear E8.2</b>	<b>251 106</b>	21	Cover rail	213 762
1	Needle bed at the front rear E16	245 318	22	Cover rail	213 763
3	Main trick wall E16	245 319	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E16	240 026	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 – E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16	237 326	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	Set screw M3.5x3-1	020 512



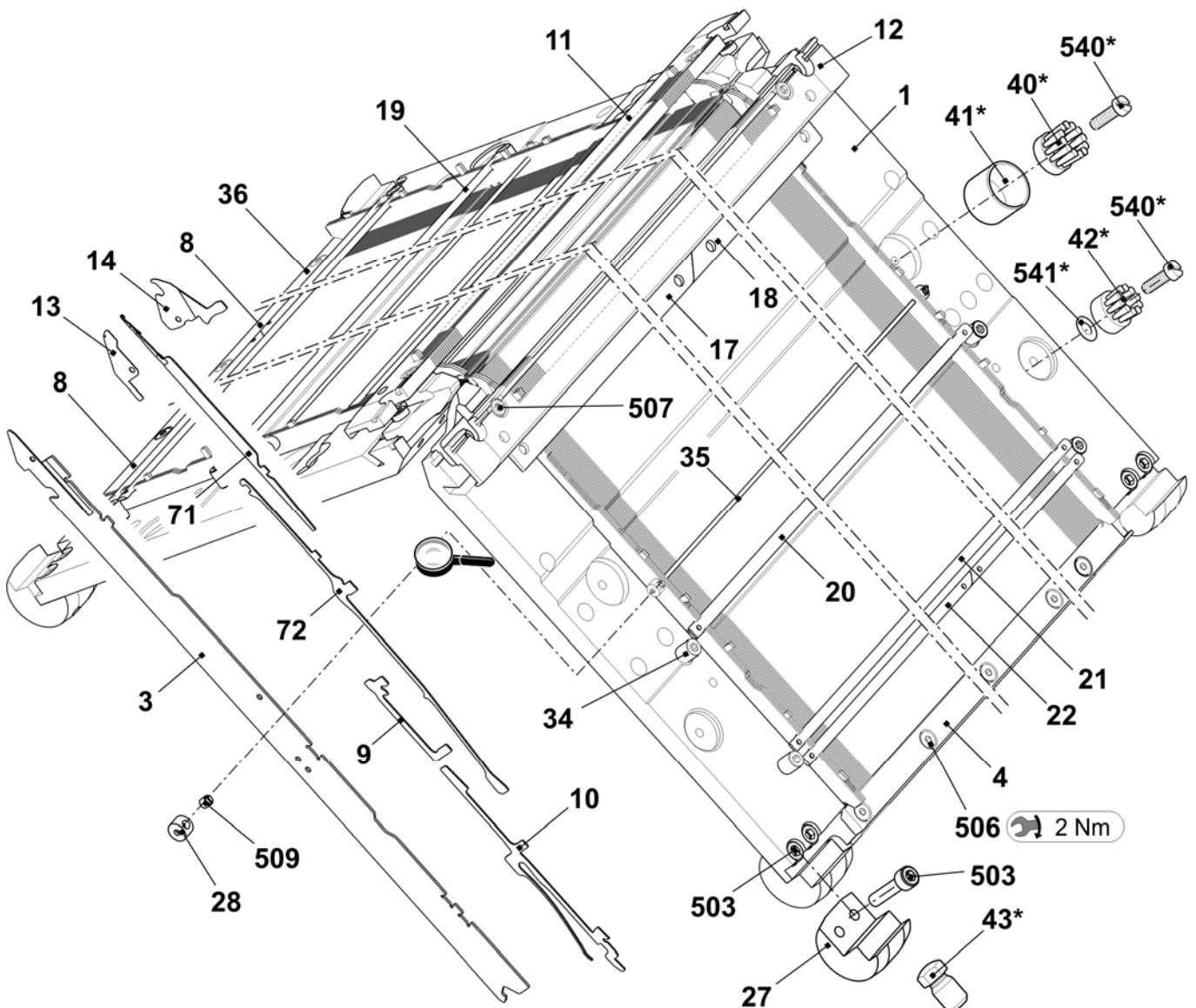
## Continuation needle bed E8.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Fixed wire D=3.4 1290 mm	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire D=0.5 1,287 mm	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 D=2.8 1,285 mm	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire D=2.0 1,287 mm	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



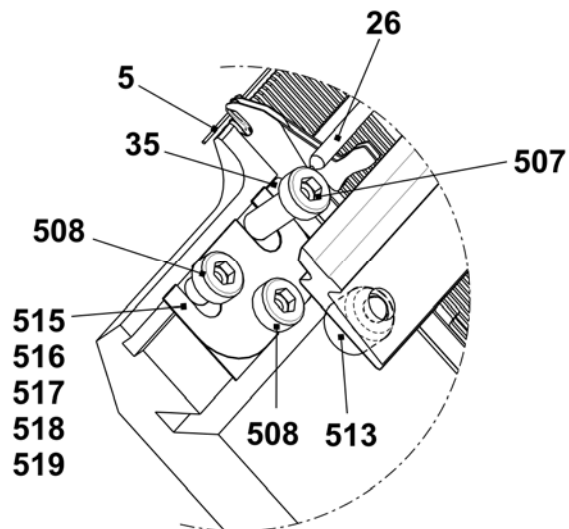
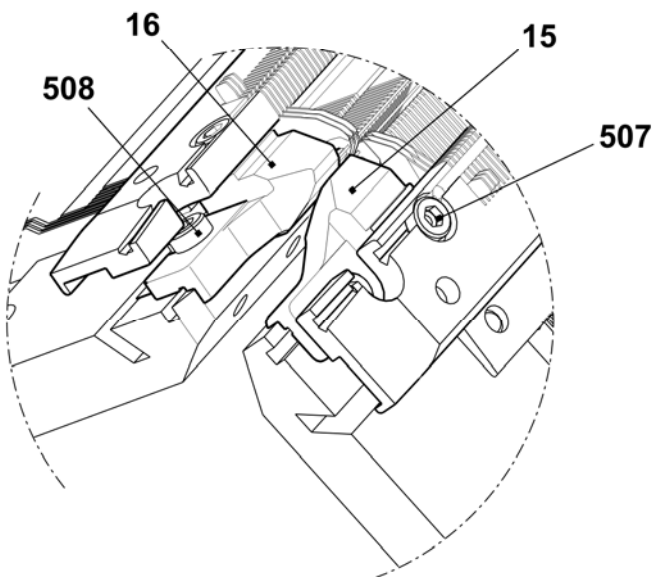
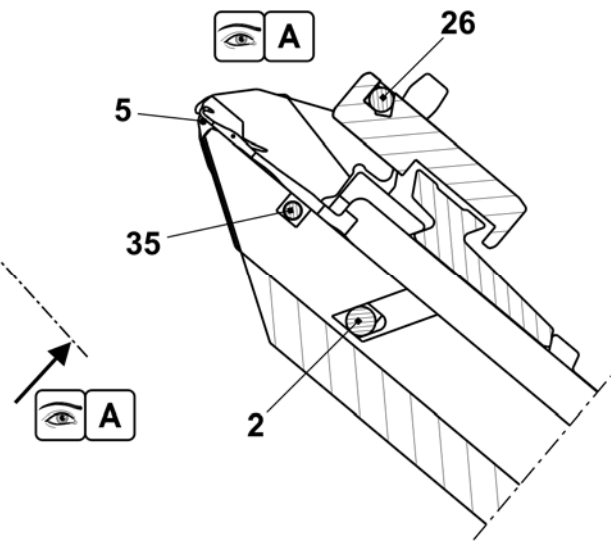
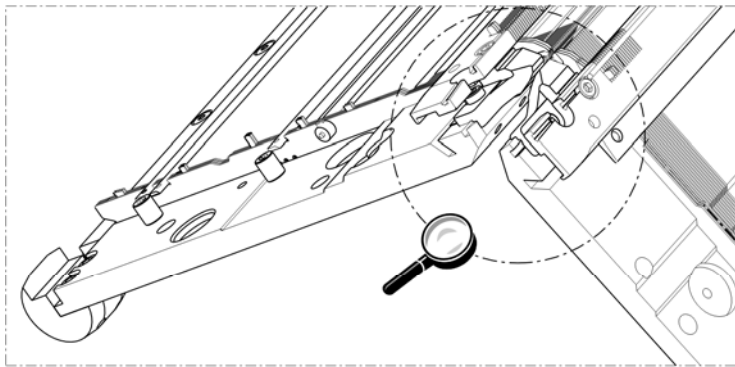
## Needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front + rear E18</b>	<b>251 105</b>	21	Cover rail	213 762
1	Needle bed at the front + rear E18	250 039	22	Cover rail	213 763
3	Main trick wall E18	251 051	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E18	239 527	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 – E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16 – E18 + E9.2	237 326	40*	Disk brush	235 612
10	Selection jack E16 - E20 with spring	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	Set screw M3.5x3-1	020 512



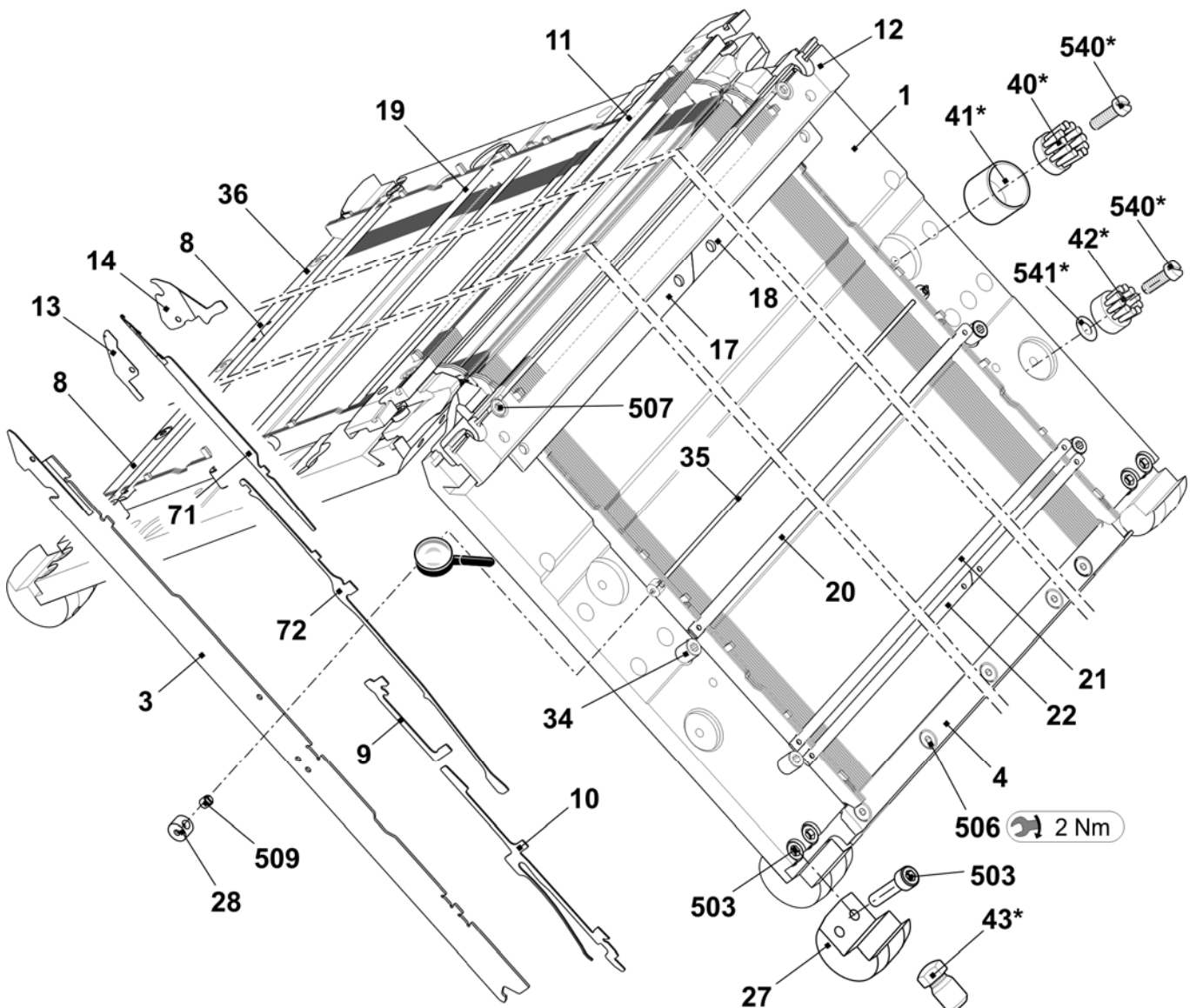
## Continuation needle bed E18

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Fixed wire D=3.4 1290 mm	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire D=0.5 1,287 mm	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 D=2.8 1,285 mm	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire D=2.0 1,287 mm	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253



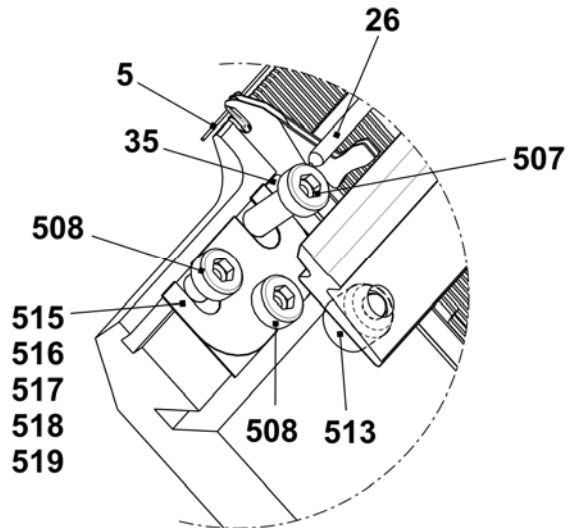
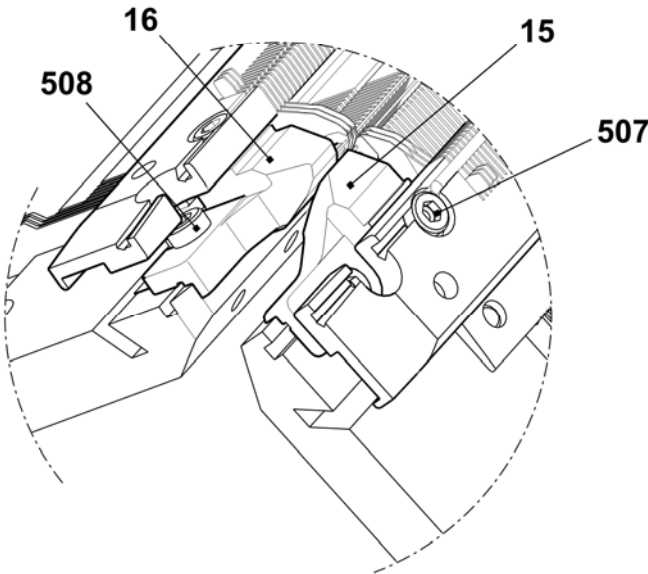
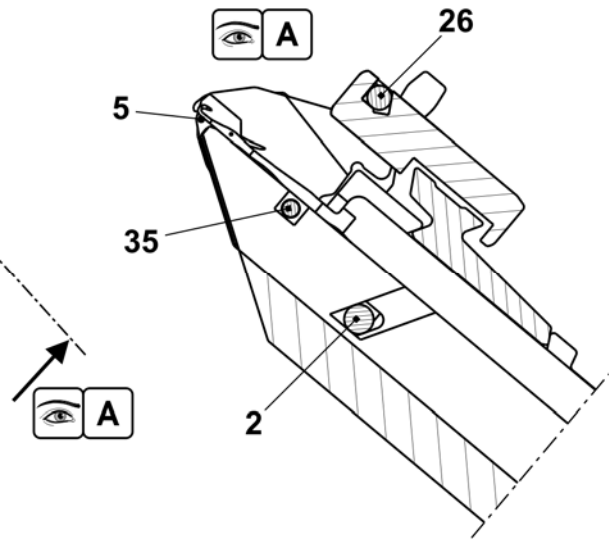
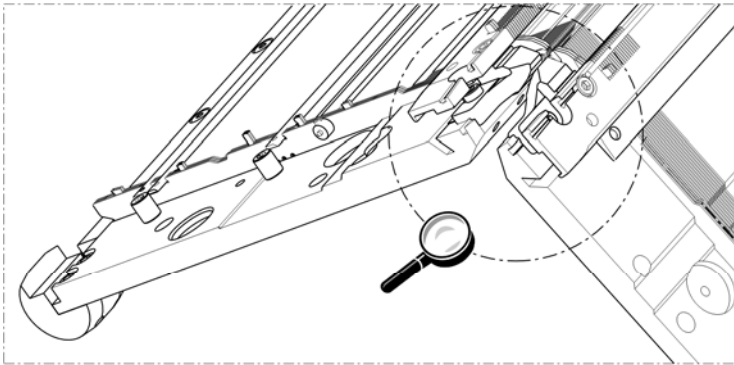
## Needle bed E9.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Needle bed complete at the front and rear E9.2</b>	<b>251 107</b>	21	Cover rail	213 762
1	Needle bed at the front + rear E18	250 039	22	Cover rail	213 763
3	Main trick wall E9.2	251 052	27	Support	241 339
4	Pressure strip at the front E5 – E14	219 536	28	Bush	206 090
71	Needle E9.2	227 755	34	Stop screw	214 039
72	Coupling part E16 - E20	220 382	35	Spring steel wire D=2.0 1,287 mm	245 320
8	Pressure strip at the rear E5 - E14	219 537	36	Pressure strip at the rear on the right E16 – E20	223 042
9	Intermediate slider E16 - E18 + E9.2	237 326	40*	Disk brush	235 612
10	Selection jack E16 - E20 with spring	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	Wire support	229 141	540*	Cap screw M5x12	020 032
14	Holding-down jack breast E9.2	229 425	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	023379
19	Cover rail at the rear	213 981	507	Cap screw M5x22	023 193
20	Cover rail at the front E18	220 745	509	Set screw M3.5x3-1	020 512



## Continuation needle bed E9.2

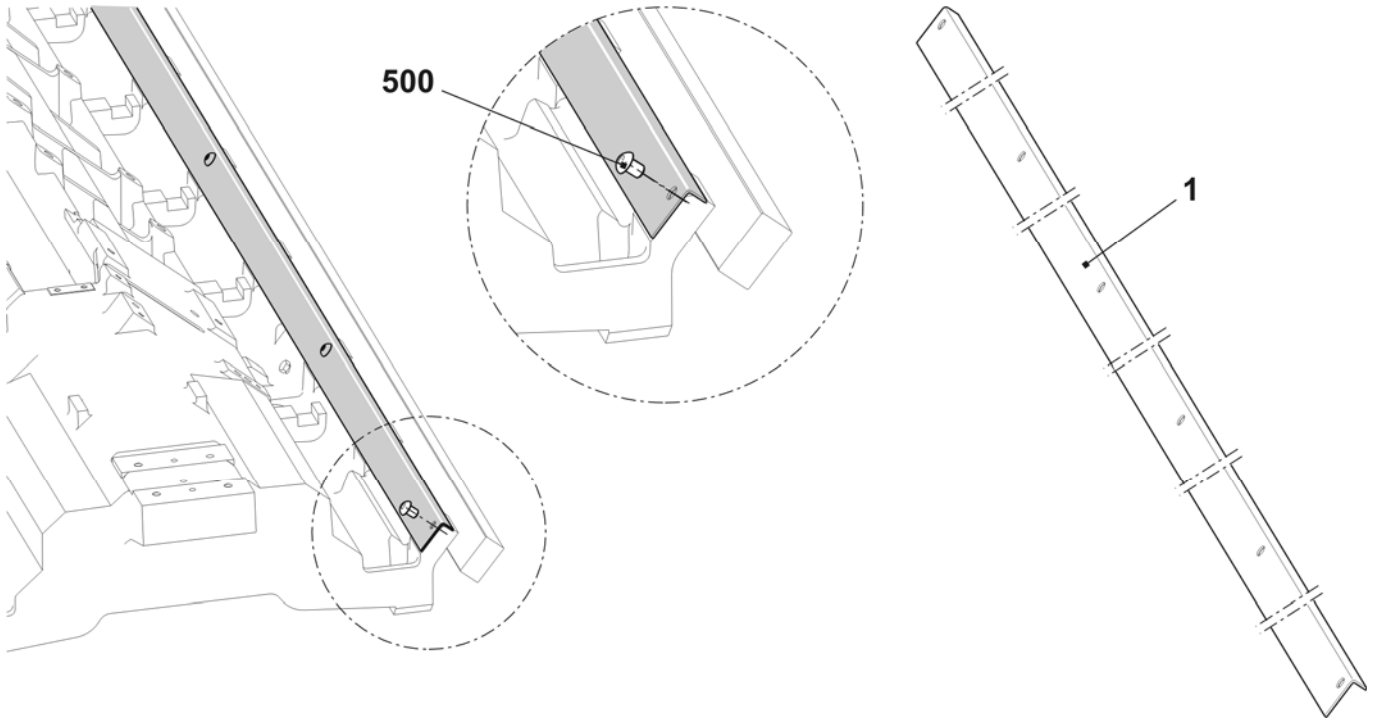
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Fixed wire D=3.4 1290 mm	213 995	508	Cap screw M5x12-8.8	022 943
5	Spring steel wire D=0.5 1,287 mm	220 759	513	Sprung thrust piece	023 177
15	Limiter on the left E16 - E20	220 821	515	Shim 0.02x18.5x345	023 194
16	Limiter on the right E16 - E20	220 822	516	Shim 0.03x18.5x34	023 195
26	Fixed wire D=2.8 1,285 mm	223 922	517	Shim 0.05x18.5x34	023 196
35	Spring steel wire D=2.0 1,287 mm	245 320	518	Shim 0.1x18.5x34	023 197
507	Cap screw M5x22	023 193	519	Shim 0.2x18.5x34	023 253





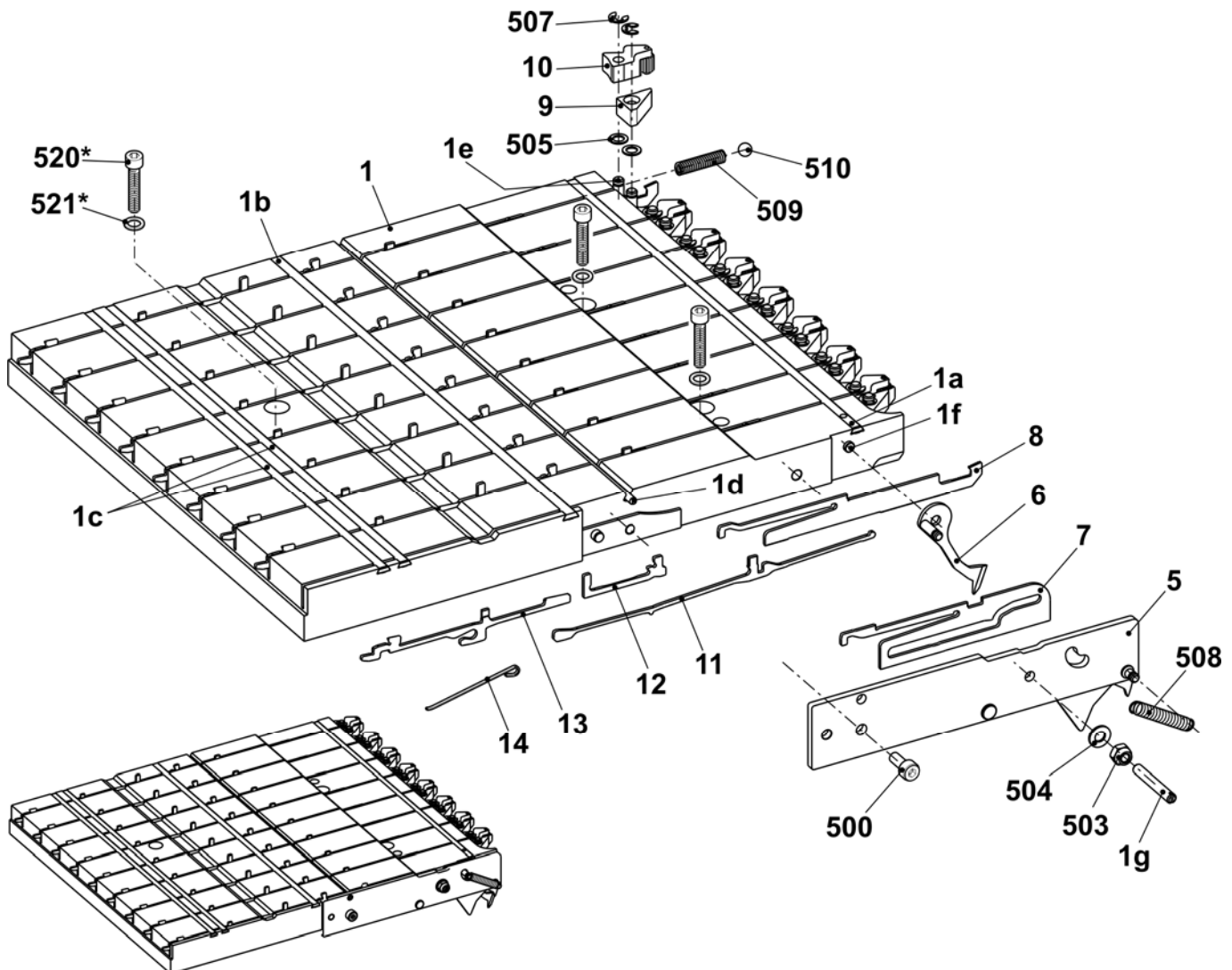
## Cover

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover	241 922	500	Countersunk screw M8x10	241 930



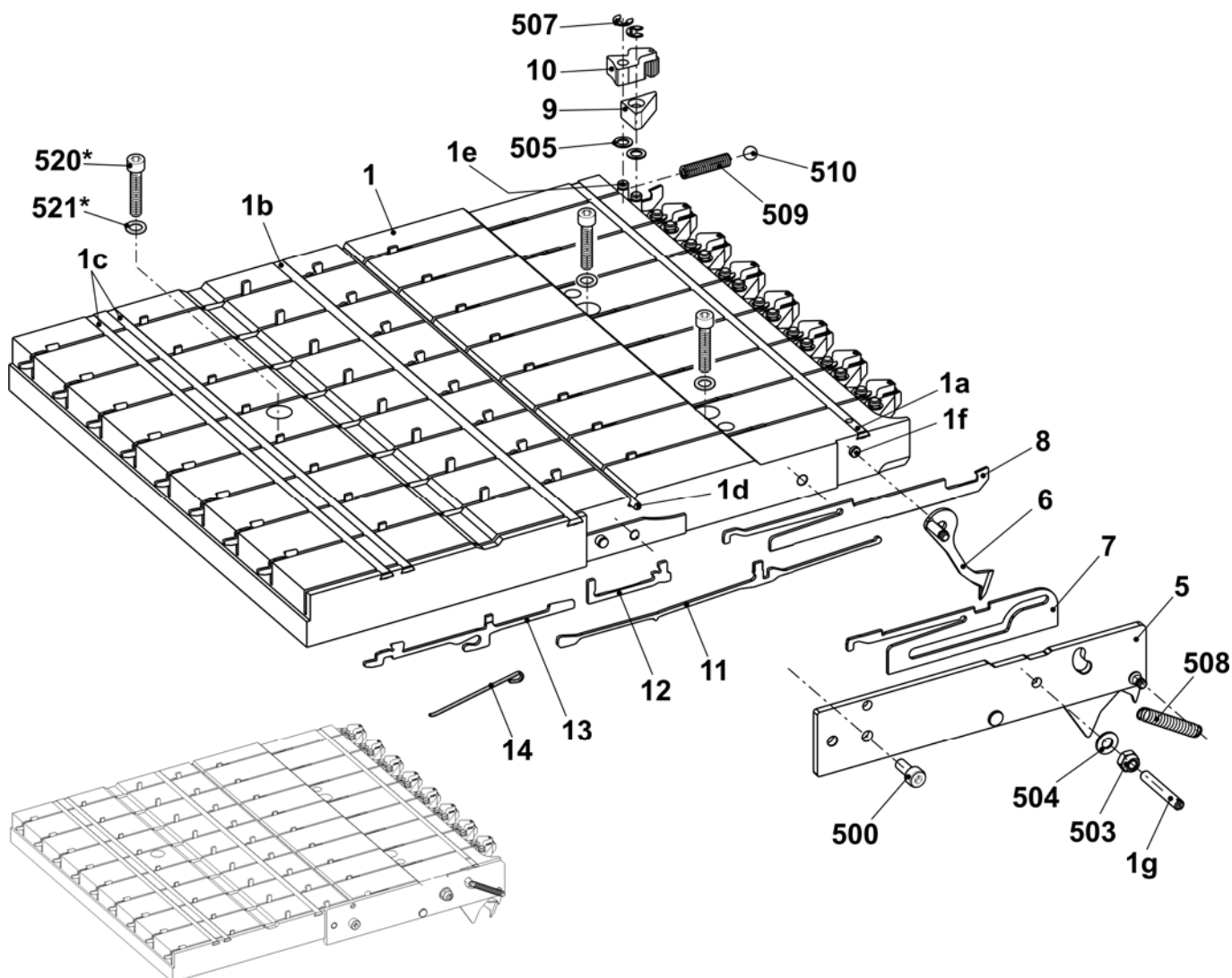
## Left clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Left clamping/cutting bed</b>		10	Clamp on the left complete	210 462
	<b>E5-8 (E2,5.2/3,5.2/5.2/5m.4/7m.8/8m.7)</b>	<b>245 333</b>	11	Coupling part E4-E8	200 682
1	Guide plate on the left E5-14	244 784	12	Intermediate slider with brake E5-8	237 323
	1a Cover rail	211 358	13	Selection jack E4-E8	200 687
	1b Cover rail	209 223	14	Selector spring E4-E8	200 690
	1c Cover rail	209 224	500	Cap screw M4x10	023 136
	1d Fixed wire	215 927	503	Hexagon nut M4-8	023 046
	1e Bolt	208 094	504	Washer 4	020 870
	1f Axle	211 349	505	Washer 4.3x7x0.5	022 153
	1g Guide pin	211 351	507	Circlip 3.2	021 019
5	Cover on the left complete	211 771	508	Tension spring 5x0.5x17.4	023 377
6	Catch hook on the left	213 151	509	Compression spring 0.8x4x26.3	023 333
7	Slider E4-8	211 096	510	Ball 5	023 309
8	Tuck needle on the left E4-8	211 804	520*	Cap screw M6x20	244 824
9	Blade	210 422	521*	Washer 7.6x11.6x1.5	023 334



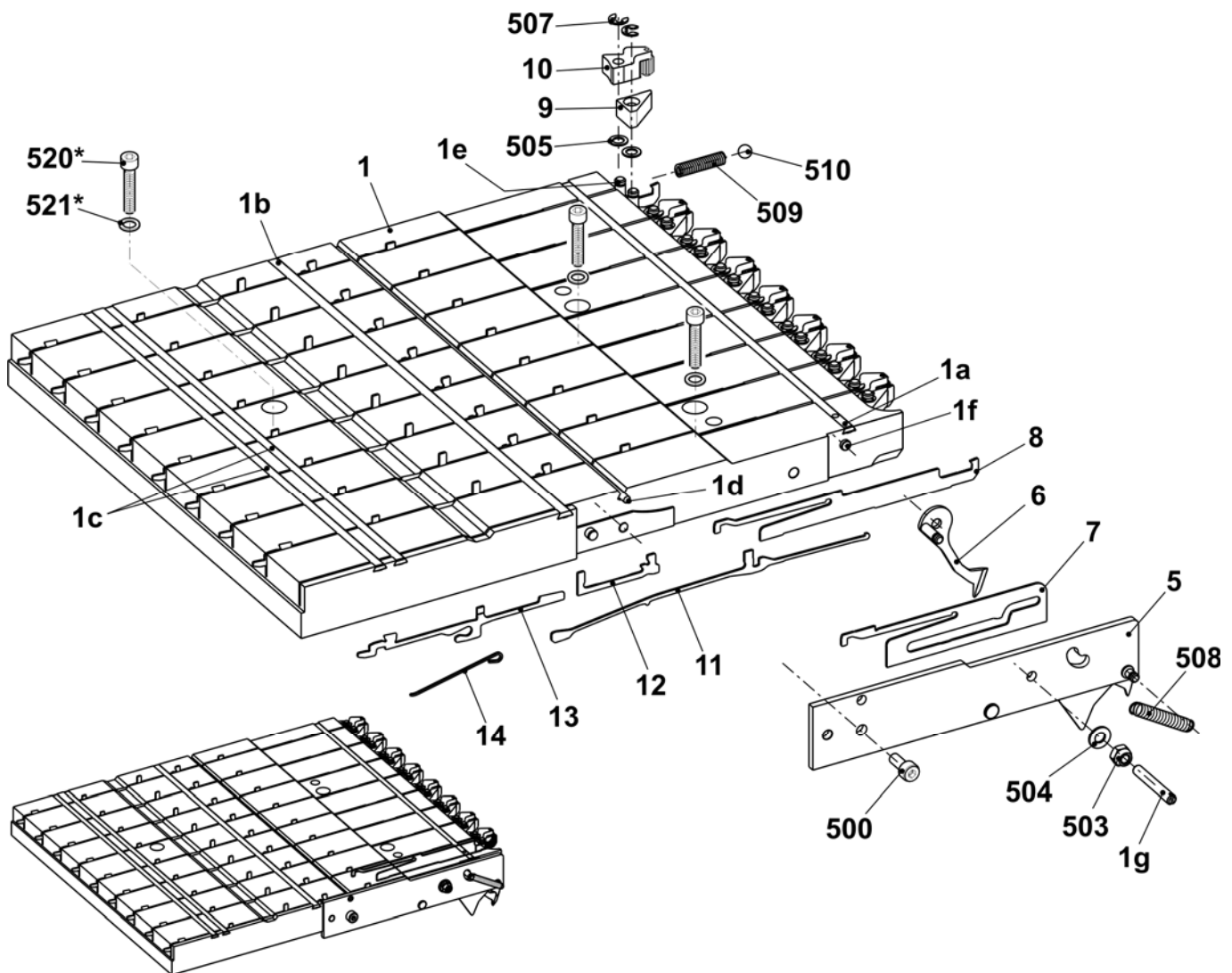
## Left clamping/cutting bed E10-14

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Left clamping/cutting bed E10-14</b> (E6.2/7.2/6.2(E12m.10)/10m.12/14/12)	<b>245 335</b>	10	Clamp on the left complete	210 462
1	Guide plate on the left E5-14	244 784	11	Coupling part E4-E8	200 682
1a	Cover rail	211 358	12	Intermediate slider with brake E5-8	237 323
1b	Cover rail	209 223	13	Selection jack E4-E8	200 687
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	503	Hexagon nut M4-8	023 046
1f	Axle	211 349	504	Washer 4	020 870
1g	Guide pin	211 351	505	Washer 4.3x7x0.5	022 153
5	Cover on the left complete E10-14	251 120	507	Circlip 3.2	021 019
6	Catch hook on the left E10-14	251 377	508	Tension spring 4x0.55x18.9	023 392
7	Slider E10-14	251 117	509	Compression spring 0.8x4x26.3	023 333
8	Tuck needle on the left E10-14	211 809	510	Ball 5	023 309
9	Blade	210 422	520*	Cap screw M6x20	244 824
			521*	Washer 7.6x11.6x1.5	023 334



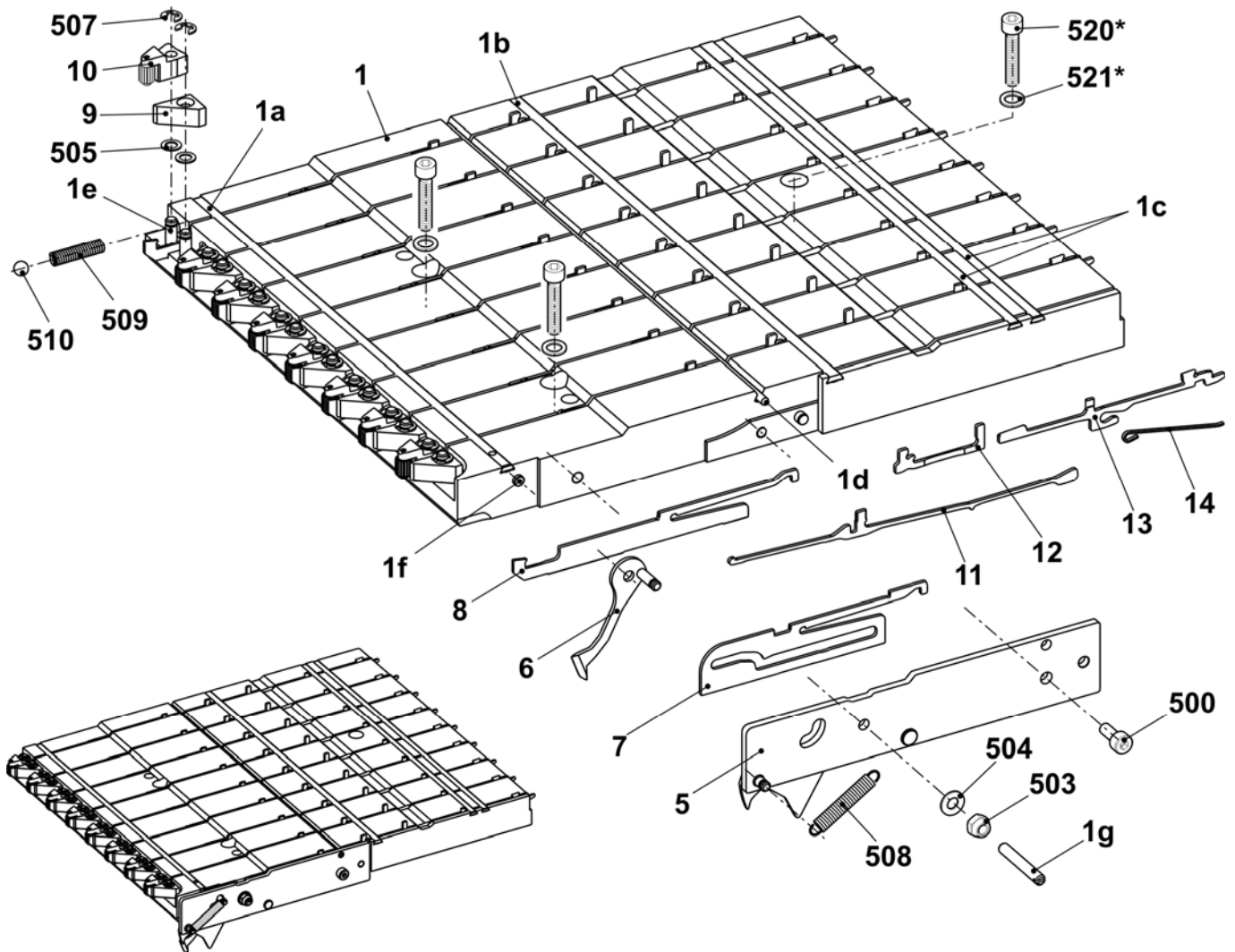
## Left clamping/cutting bed E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Left clamping/cutting bed E16-18</b>		10	Clamp on the left complete	210 462
	E16-18 (E8.2/9.2)	<b>245 337</b>	11	Coupling part E10-12	200 683
1	Guide plate on the left E16-20	244 810	12	Intermediate slider with brake E10-12	237 324
	1a Cover rail	211 358	13	Selection jack E10-12	200 688
	1b Cover rail	209 223	14	Selector spring E10-12	200 691
	1c Cover rail	209 224	500	Cap screw M4x10	023 136
	1d Fixed wire	215 927	503	Hexagon nut M4-8	023 046
	1e Bolt	208 094	504	Washer 4	020 870
	1f Axle	211 349	505	Washer 4.3x7x0.5	022 153
	1g Guide pin	211 351	507	Circlip 3.2	021 019
5	Cover on the left complete E16-20	221 114	508	Tension spring 4x0.55x18.9	023 392
6	Catch needle on the left E16-18	243 254	509	Compression spring 0.8x4x26.3	023 333
7	Slider E16-20	221 106	510	Ball 5	023 309
8	Tuck needle on the left E16-20	221 111	520*	Cap screw M6x20	244 824
9	Blade	210 422	521*	Washer 7.6x11.6x1.5	023 334



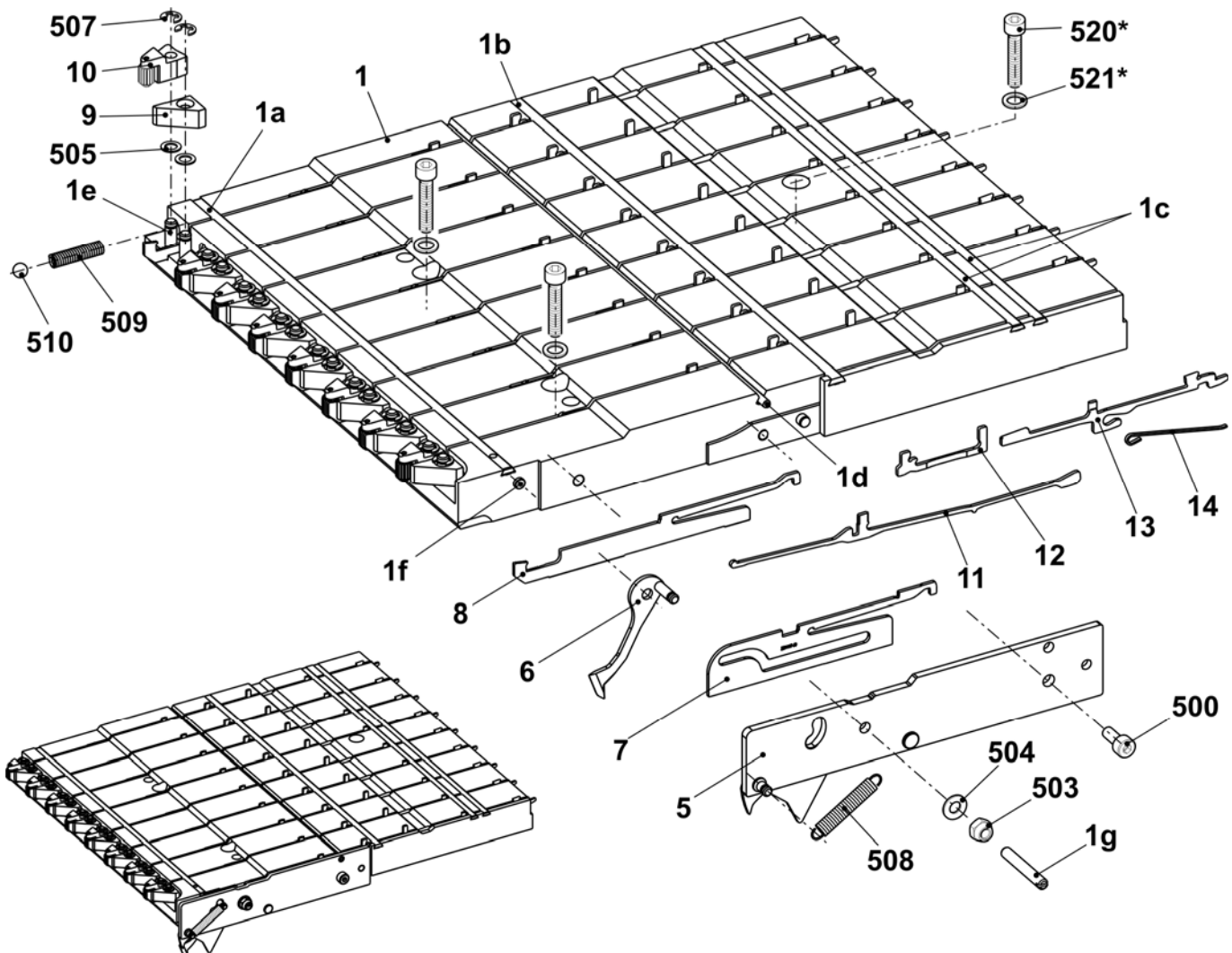
## Right clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No	
<b>Σ</b>	<b>Clamping/cutting bed on the right</b>		10	Clamp on the right complete	210 464	
	<b>E5 - E8 (E3,5.2)</b>	<b>245 334</b>	11	Coupling part E4-E8	200 682	
1	Guide plate E5-14	245 341	12	Intermediate slider with brake E5-E8	237 323	
	1a	Cover rail	211 358	13	Selection jack E4-E8	200 687
	1b	Cover rail	209 223	14	Selector spring E4-E8	200 690
	1c	Cover rail	209 224	500	Cap screw M4x10	023 136
	1d	Fixed wire	215 927	503	Hexagon nut M4	023 046
	1e	Bolt	208 094	504	Washer 4	020 870
	1f	Axle	211 349	505	Washer 4.3x7x0.5	022 153
	1g	Guide pin	211 351	507	Circlip 3.2	021 019
5	Cover on the right complete	211 347	508	Tension spring 5x0.55x18.9 (E3,5.2)	023 377	
6	Catch hook on the right	213 150	509	Compression spring 0.8x4x26.3	023 333	
7	Slider E4-8 (E3,5.2)	211 096	510	Ball DIN 5401 - 5	023 309	
8	Tuck needle on the right E4-8 (E3,5.2)	210 420	520*	Cap screw M6x20	244 824	
9	Blade	210 422	521*	Washer 7.6x11.6x1.5	023 334	



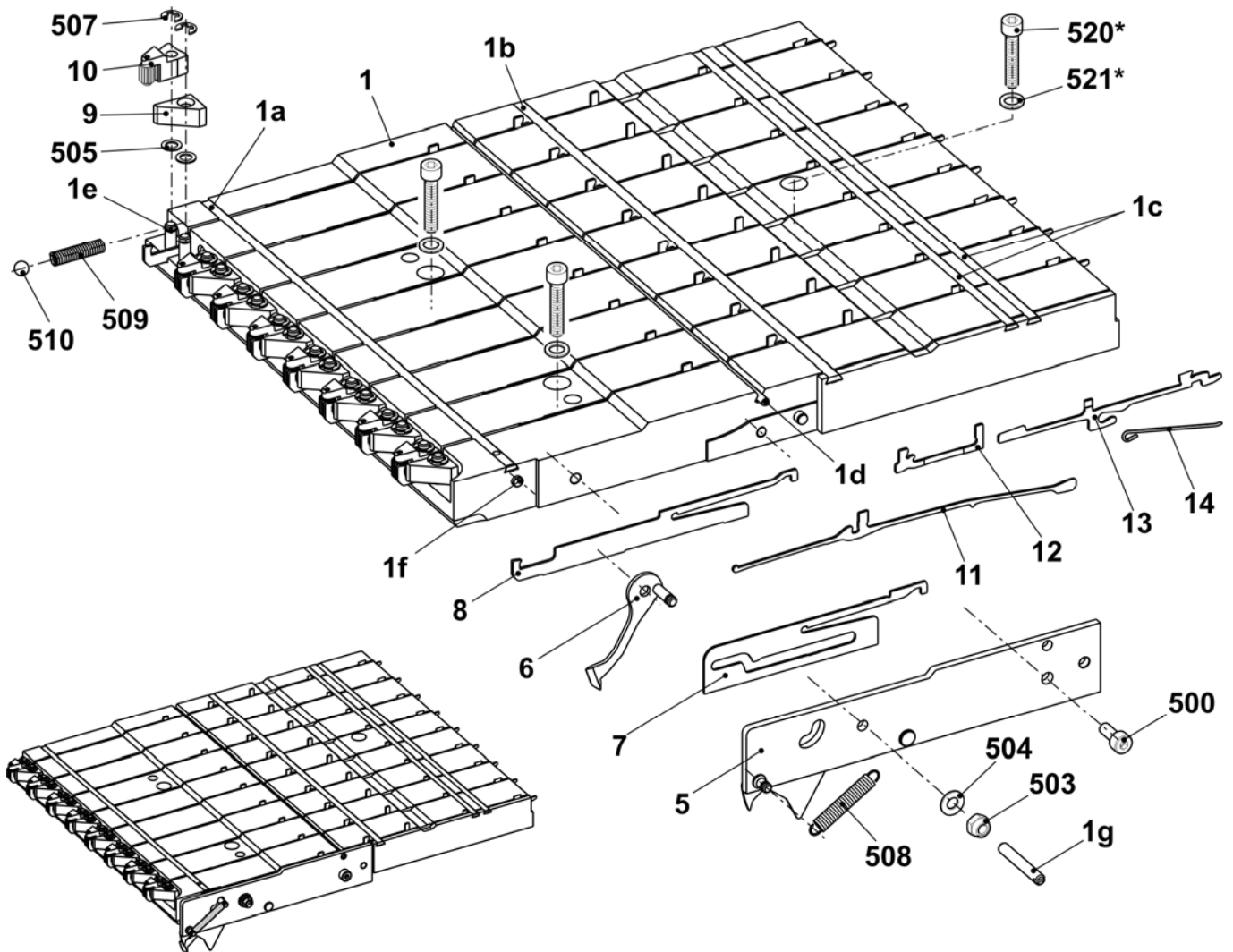
## Right clamping/cutting bed E10-14

Pos	Designation	Ident No	Pos	Designation	Ident No	
<b>Σ</b>	<b>Clamping/cutting bed on the right</b>		10	Clamp on the right complete	210 464	
	<b>E10 – E14 (E6.2/7.2/12m.10)</b>		11	Coupling part E4-E8	200 682	
1	Guide plate E5-14	245 341	12	Intermediate slider with brake E5-E8	237 323	
	1a	Cover rail	211 358	13	Selection jack E4-E8	200 687
	1b	Cover rail	209 223	14	Selector spring E4-E8	200 690
	1c	Cover rail	209 224	500	Cap screw M4x10	023 136
	1d	Fixed wire	215 927	503	Hexagon nut M4	023 046
	1e	Bolt	208 094	504	Washer 4	020 870
	1f	Axle	211 349	505	Washer 4.3x7x0.5	022 153
	1g	Guide pin	211 351	507	Circlip 3.2	021 019
5	Cover on the right complete E10-14	251 119	508	Tension spring 4x0.55x18.9 (E6.2/7.2/12m.10)	023 392	
6	Catch hook on the right E10-14	251 378	509	Compression spring 0.8x4x26.3	023 333	
7	Slider E10-14 (E6.2/7.2/12m.10)	251 117	510	Ball DIN 5401 - 5	023 309	
8	Tuck needle on the right E10-14 (E6.2/7.2/12m.10)	210 249	520*	Cap screw M6x20	244 824	
9	Blade	210 422	521*	Washer 7.6x11.6x1.5	023 334	

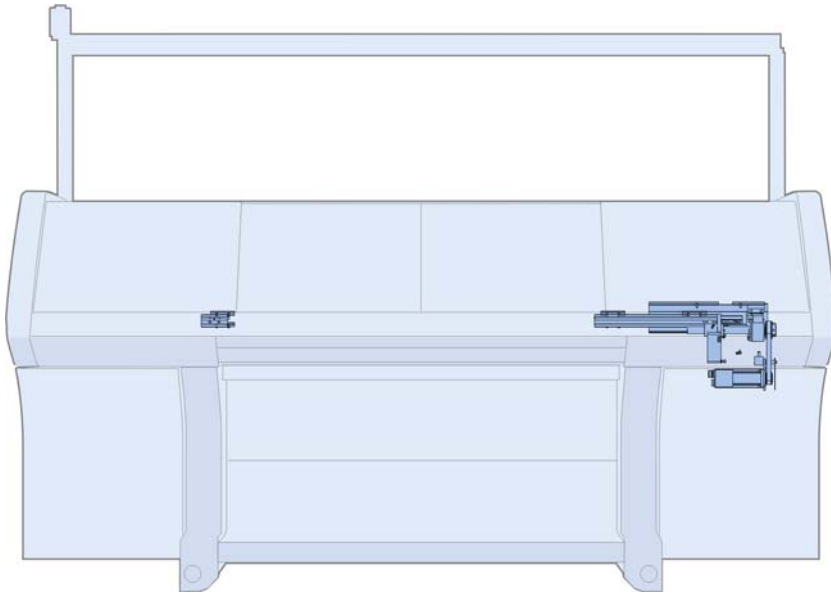


## Right clamping/cutting bed E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Clamping/cutting bed on the right</b>	<b>245 338</b>	10	Clamp on the right complete	210 464
	E16-18 (8.2/9.2)	244 809	11	Coupling part E10-12	200 683
1	Guide plate E16-20	244 809	12	Intermediate slider with brake E10-12	237 324
	1a Cover rail	211 358	13	Selection jack E10-12	200 688
	1b Cover rail	209 223	14	Selector spring E10-12	200 691
	1c Cover rail	209 224	500	Cap screw M4x10	023 136
	1d Fixed wire	215 927	503	Hexagon nut M4	023 046
	1e Bolt	208 094	504	Washer 4	020 870
	1f Axle	211 349	505	Washer 4.3x7x0.5	022 153
	1g Guide pin	211 351	507	Circlip 3.2	021 019
5	Cover on the right complete E16-20	221 115	508	Tension spring 4x0.55x18.9	023 392
6	Catch hook on the right E16-18	243 253	509	Compression spring 0.8x4x26.3	023 333
7	Slider E16-20	221 106	510	Ball DIN 5401 - 5	023 309
8	Tuck needle on the right E16-20	221 112	520*	Cap screw M6x20	244 824
9	Blade	210 422	521*	Washer 7.6x11.6x1.5	023 334



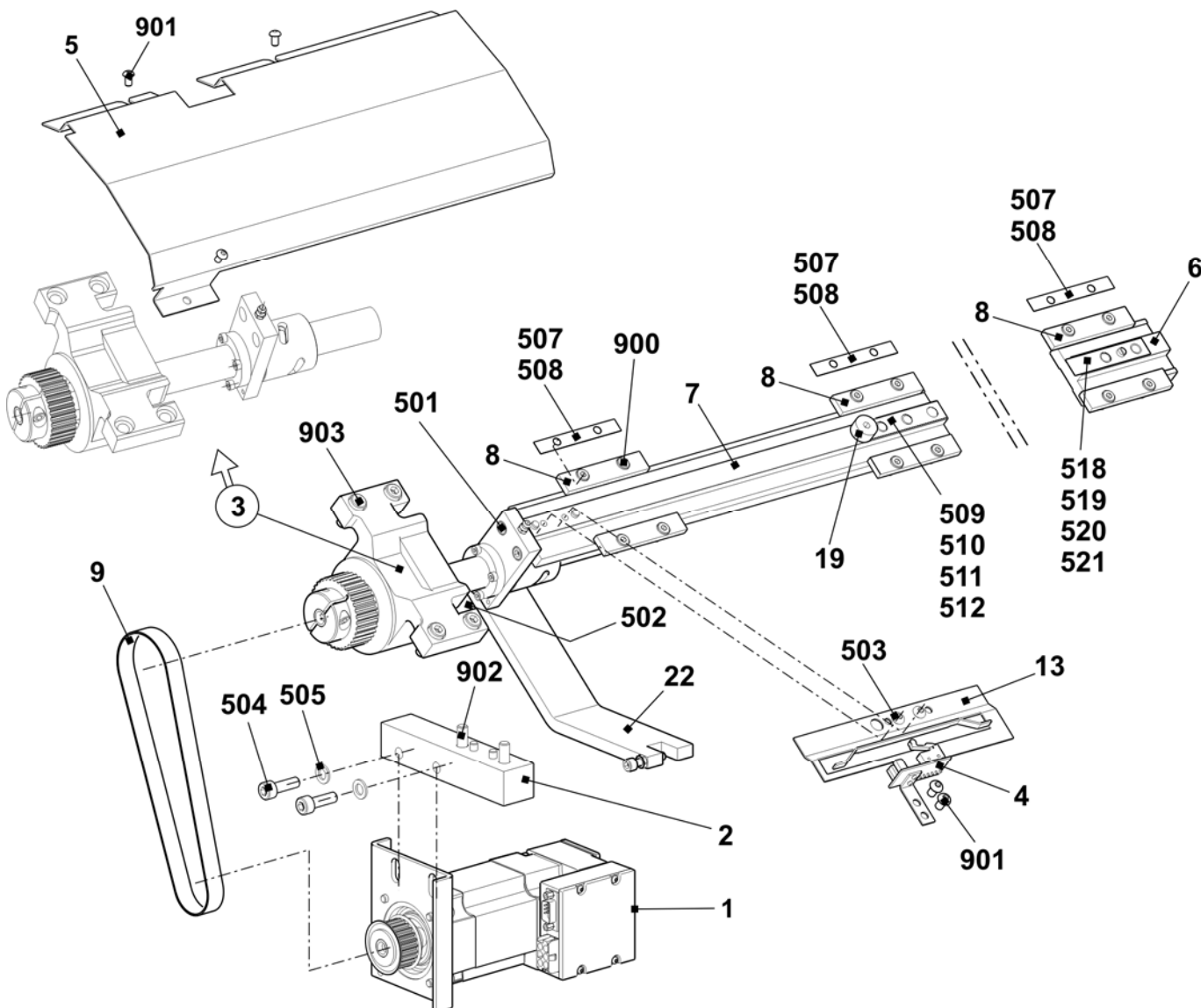
# Racking



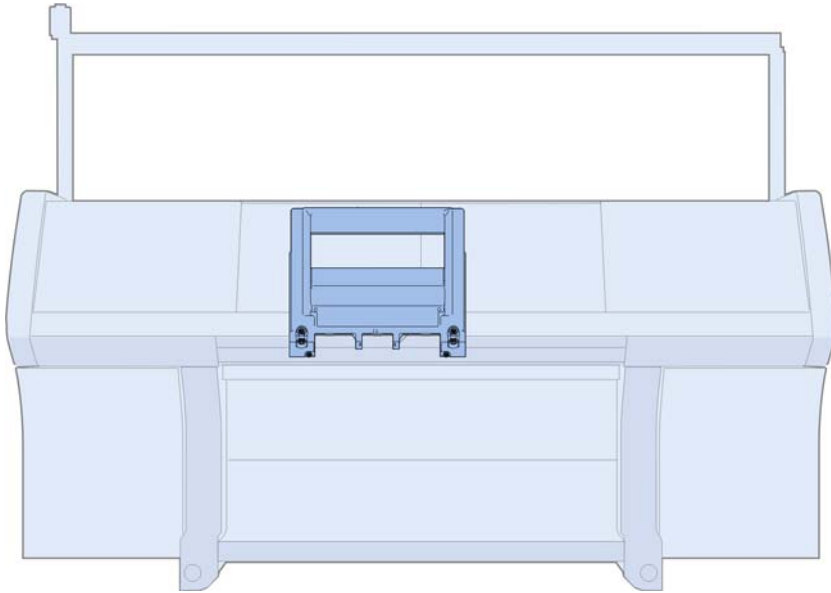


## Racking drive

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Drive unit racking</b>	<b>241 455</b>	504	Cap screw M8X25	020 142
1	Three phase servo motor racking complete	241 454	505	Washer 8.4X20X3	022 175
2	Bearing	227 605	507	Shim 0.03x11x80	023 286
3	Spindle bearing complete	240 798	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	Shim 0.2x15x85	023 170
8	Guide strip	206 382	518	Shim 0.03x15x75	023 395
9	Toothed belt 150 S 5M 490	229 281	519	Shim 0.05x15x75	023 396
13	Switching metal plate	240 722	520	Shim 0.1x15x75	023 397
19	Stop screw	221 386	521	Shim 0.2x15x75	023 398
22	Bearing fork	240 689	900	Cap screw M6x12	022 795
501	Cap screw M6x16	023 116	901	Countersunk screw M6x10-12.9	023 183
502	Cap screw M6x16	020 135	902	Cap screw M8x35	020 144
503	Countersunk screw M6x10-12.9	023 183	903	Cap screw M8x25-12.9	020 142

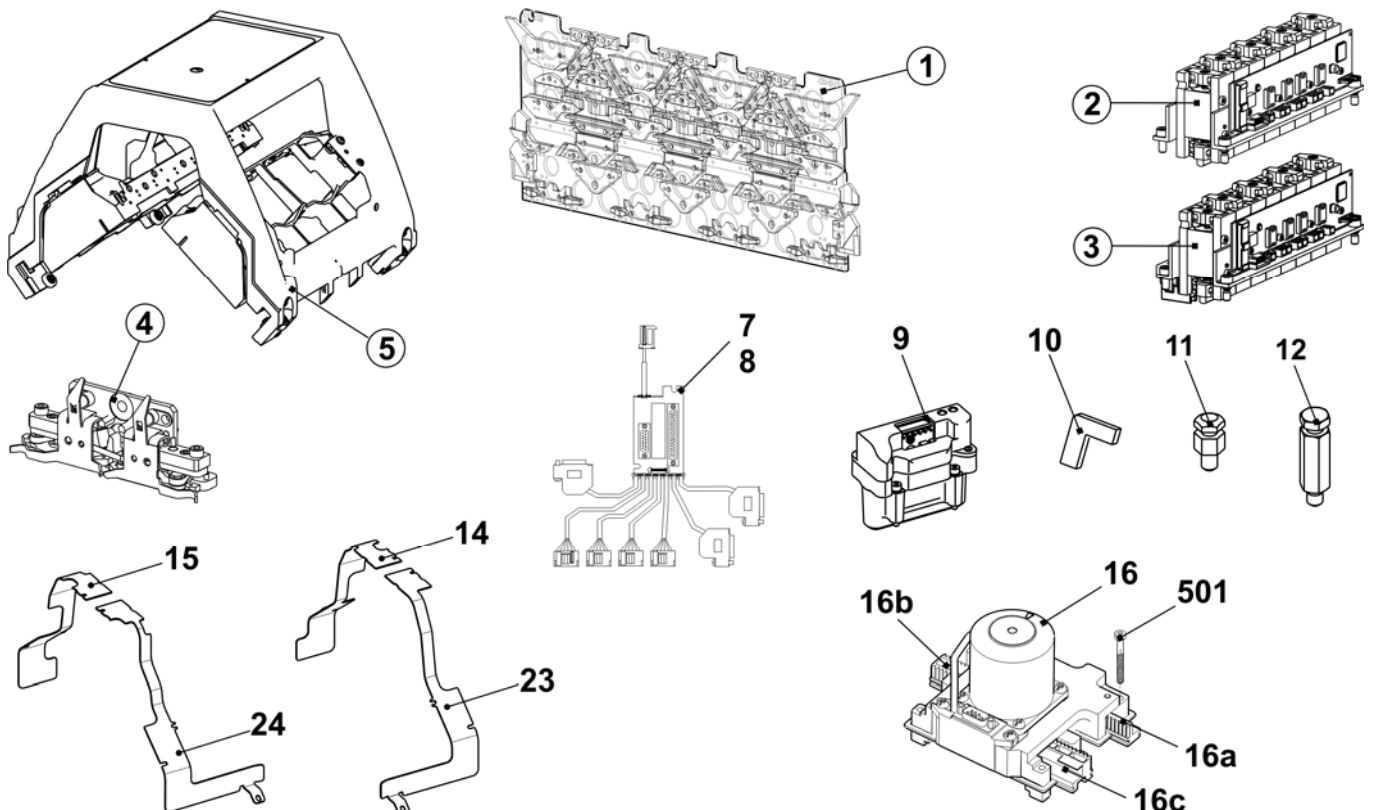


# Carriage



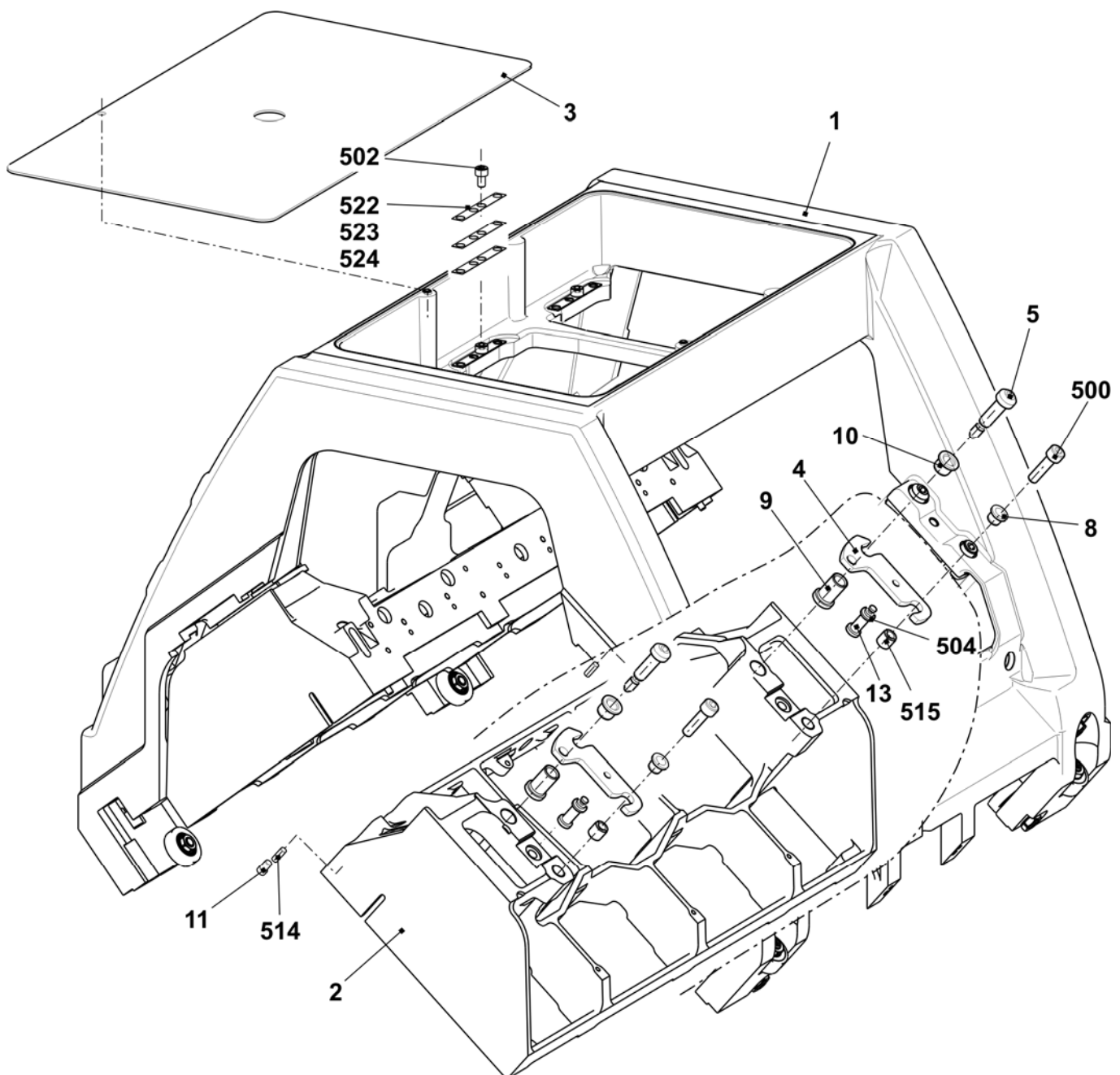
## Overview of carriage

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Carriage 3 cam boxes complete</b>		<b>1</b>	<b>Cam (set) complete</b>	
	E5 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2	<b>241 556</b>		E5 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 566
	E5.2	<b>243 087</b>		E7 - E8 + E7m.8 + E8m.7	241 567
	E7 + E8 + E7m.8 + E8m.7	<b>241 557</b>		E10	243 091
	E10	<b>243 084</b>		E10m.12	243 093
	E10m.12	<b>243 086</b>		E6.2	243 095
	E6.2	<b>243 088</b>		E6.2(12m.10)	242 402
	E6.2(12m.10)	<b>242 401</b>		E12	241 596
	E12	<b>241 415</b>		E7.2	241 573
	E7.2	<b>241 564</b>		E14 + E14/12	243 092
	E14 + E14/12	<b>243 085</b>		E8.2	243 162
	E8.2	<b>243 161</b>		E16 + E18	241 571
	E16 + E18	<b>241 561</b>		E9.2	243 096
	E9.2	<b>243 089</b>			
2	YC driving outside complete	241 080	7	Distributor at the front okc	240 557
3	YC driving in the middle complete	241 081	8	Distributor at the rear okc	240 556
4	<b>Holding-down jack control complete</b>		9	<b>Selection system complete</b>	
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 515		E2 - E8 + E7m.8 + E8m.7	216 218
	E10 + E10m.12	241 516		E10 - E12 + E10m.12 + E5.2 + E6.2 + E6.2(12m.10)	216 219
	E12 - E14 + E6.2 + E6.2(12m.10) + E14/12 + E7.2	241 517		E14 + E14/12 + E7.2	229 300
	E16 - E18 + E8.2 + E9.2	241 520		E16 - E18 + E8.2 + E9.2	220 114
5	Carriage assembly 3 cam boxes complete	241 414	10	Wiper (felt)	241 411
16	Motor unit complete (AT=711017)	211 017	11	Bolt	212 392
	16a Gear rack at the top	209 781	12	Bolt	243 171
	16b Gear rack in the middle	209 782	14	Cover plate on the left	250 274
	16c Gear rack at the bottom	209 783	15	Cover plate on the right	250 275
501	Screw M4x12	023 367	23	Guide plate at the rear on the left	245 323
			24	Guide plate at the rear on the right	245 324



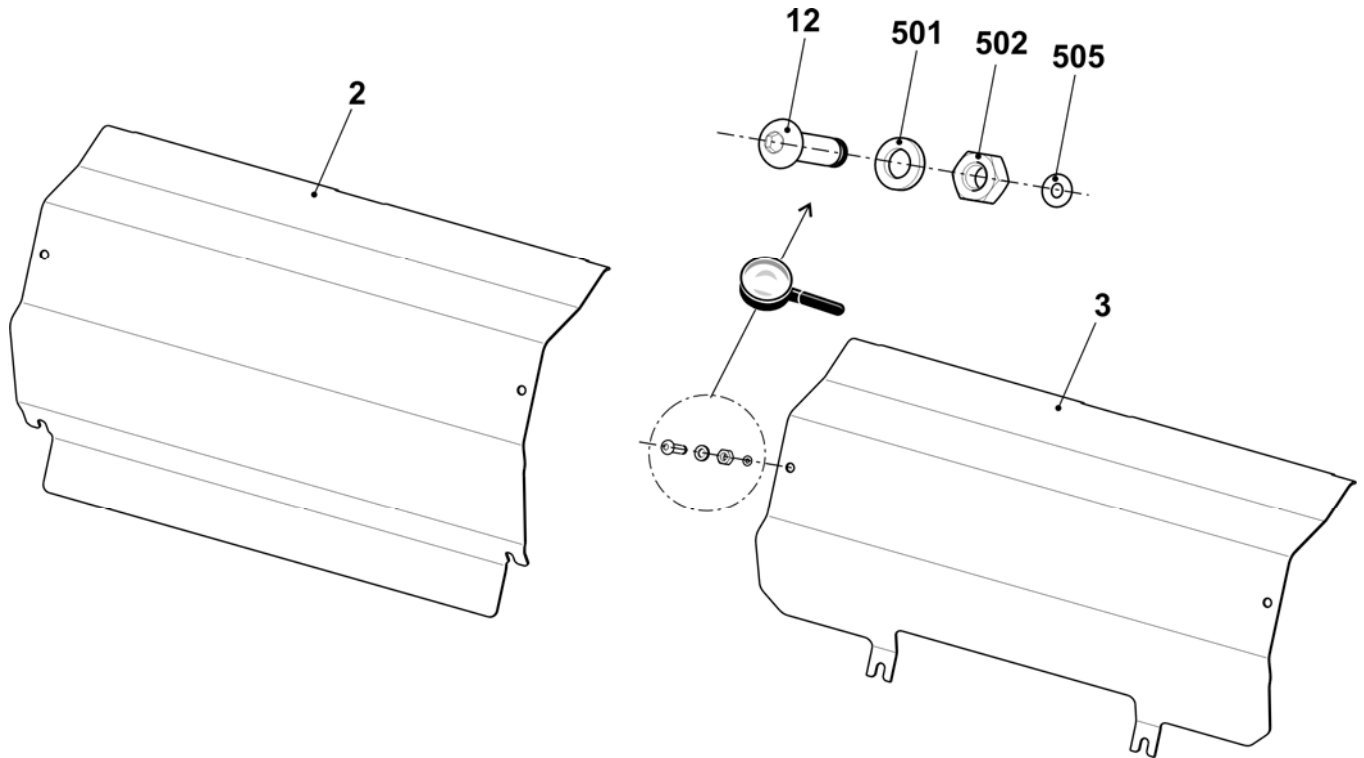
## Carriage assembly

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Carriage assembly 3 cam boxes complete</b>	<b>241 414</b>			
1	Carriage frame, 3 cam boxes	251 352	13	Fixing bolt linking spot	244 179
2	Carriage part, 3 cam boxes	240 695	500	Cap screw M8X30	020 143
3	Carriage cover at the top, 3 cam boxes	251 194	502	Countersunk screw M6x10	023 183
4	Shim	225 312	504	Circlip 6	021 022
5	Shoulder screw	211 750	514	Setting pin 5x14	020 670
8	Bush	207 546	515	Threaded bushing	041 863
9	Bush	209 275	522	Shim 0.2x10x70	023 699
10	Bush	209 274	523	Shim 0.1x10x70	023 698
11	Eccentric	222 983	524	Shim 0.05x10x70	023 697



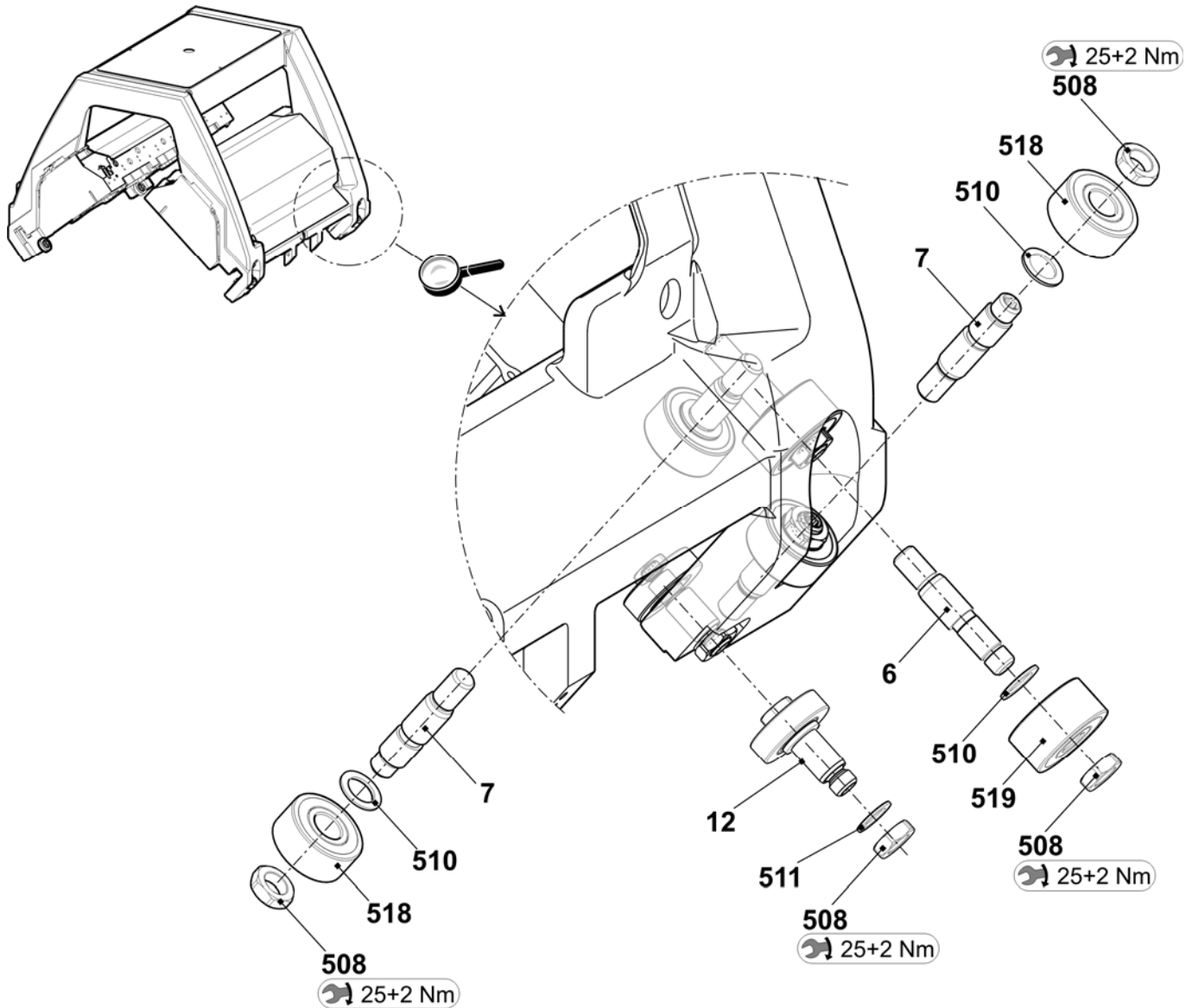
## Carriage cover

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Carriage cover front 3 cam boxes	251 199	501	Serrated lock washer 6.4	022 385
3	Carriage cover at the rear 3 cam boxes	251 200	502	Hexagon nut M6	022 899
12	Fixing bolt	242 382	505	O-ring 3x2	242 420



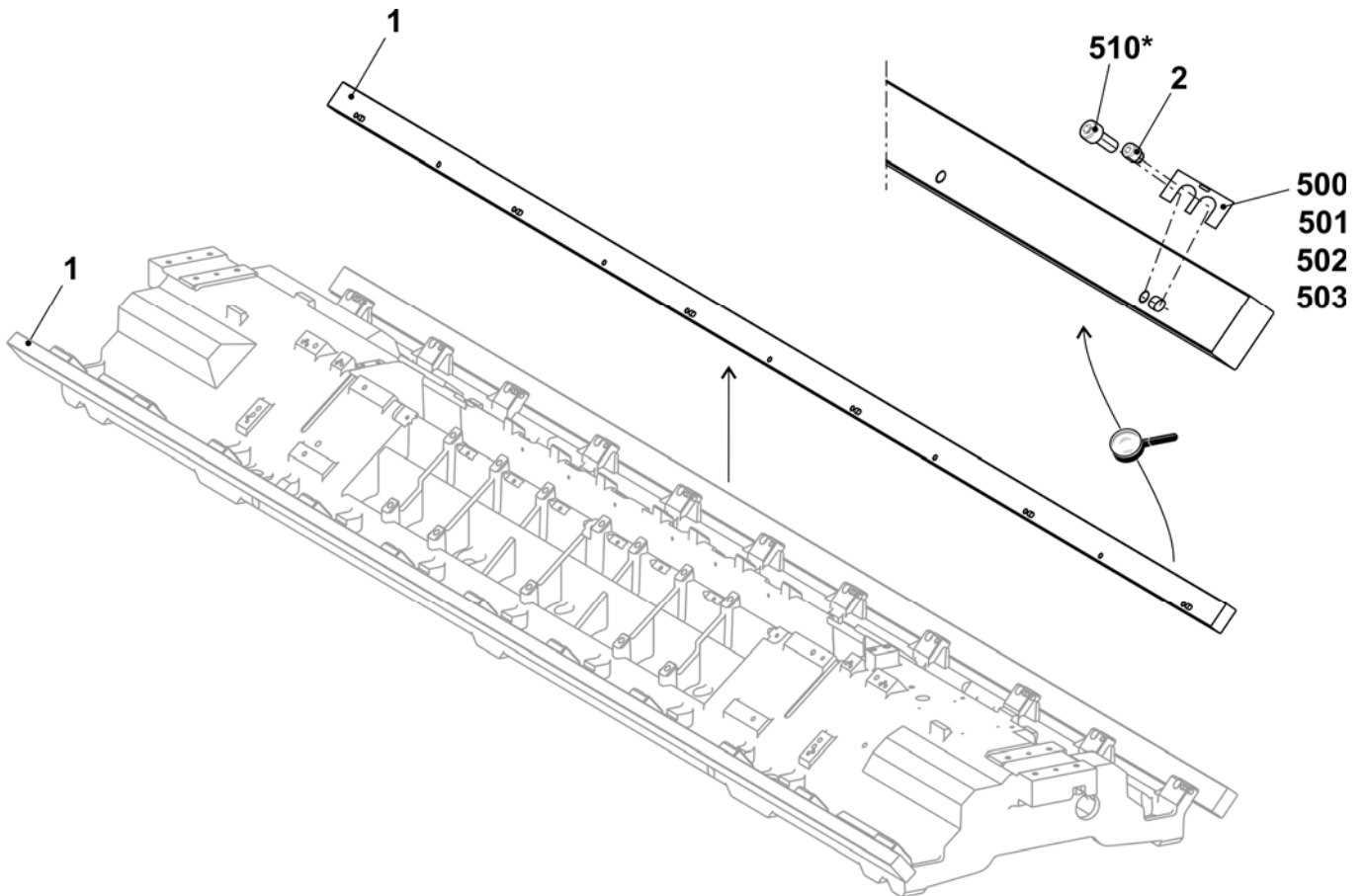
## Carriage guide

Pos	Designation	Ident No	Pos	Designation	Ident No
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



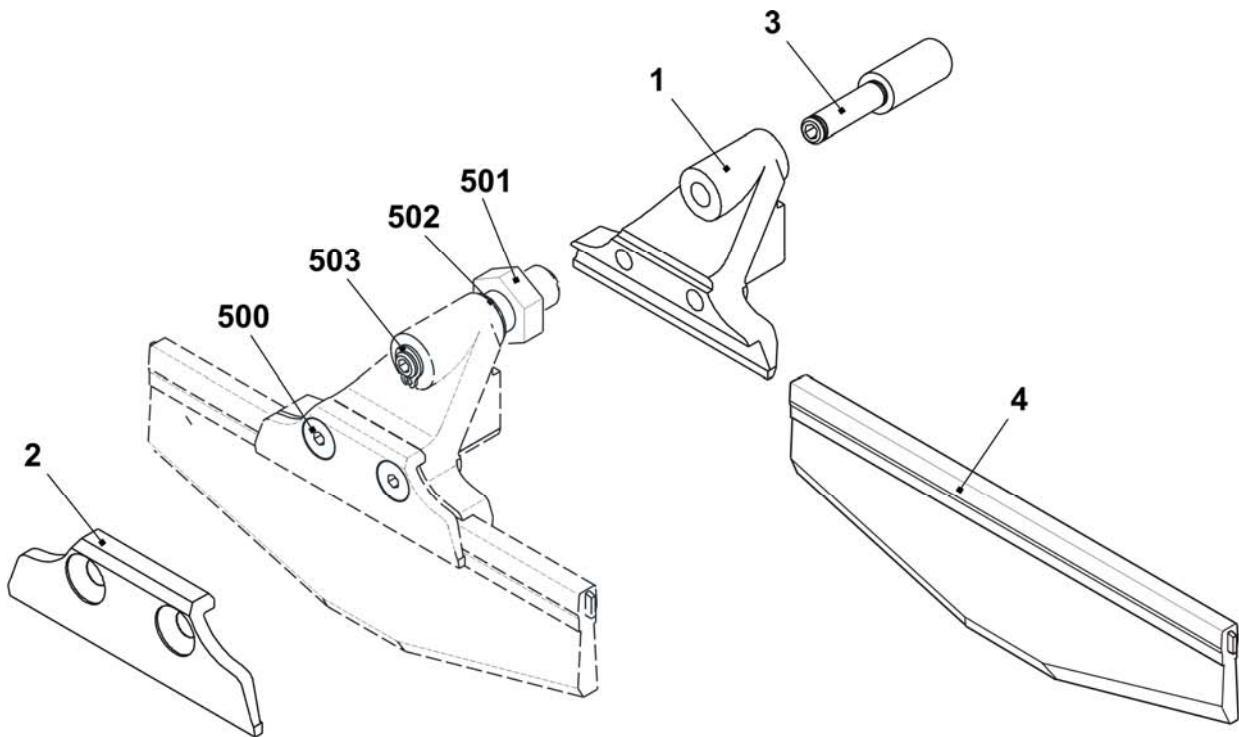
## Spare parts package carriage guide bar

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Spare parts package carriage guide bar 5XX</b>	<b>243 423</b>	501	Shim 0.05x22x42	243 291
1	Carriage guide bar	239 926	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



## Brush holder

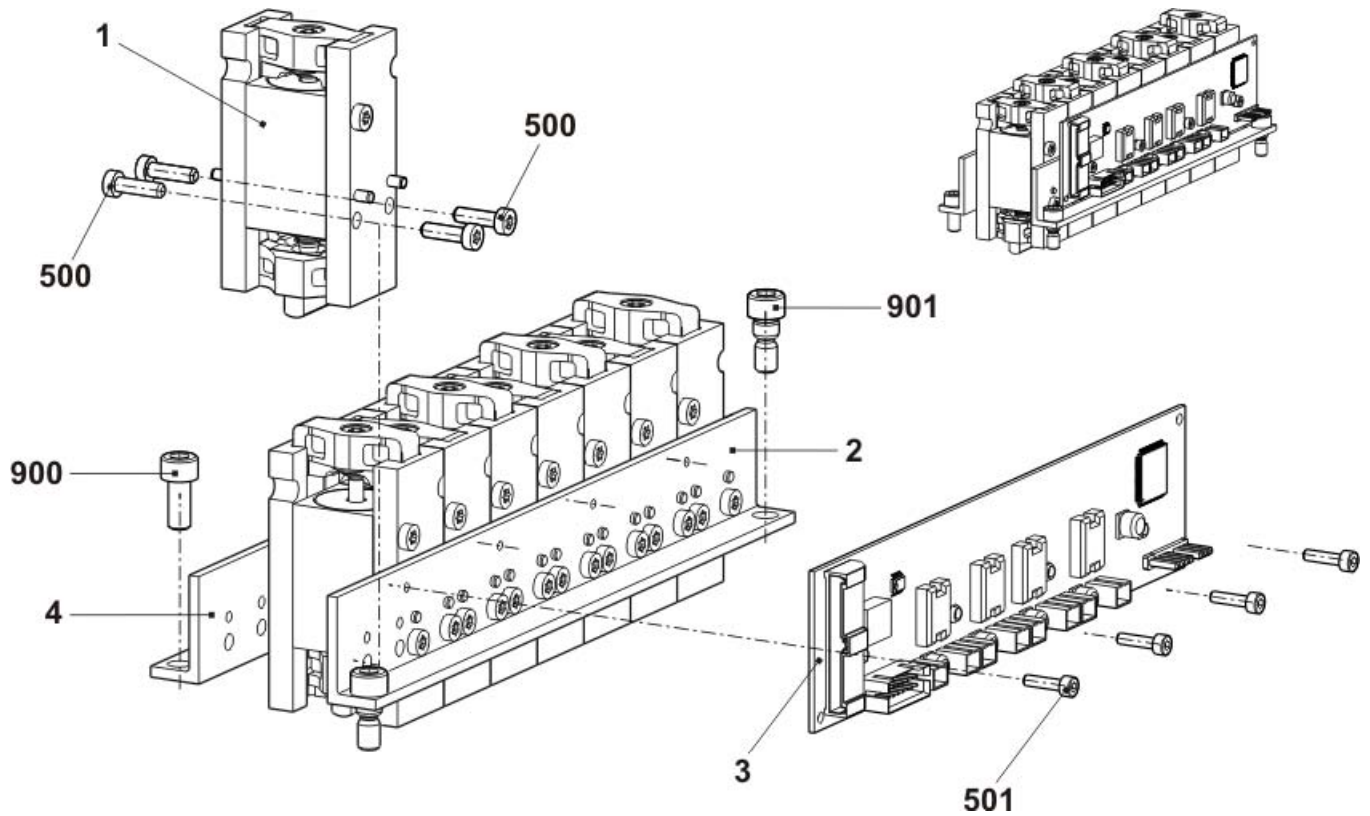
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Brush holder complete</b>		4	Brush	
	<b>E5 - E8 + E2,5.2 + E3,5.2 + E5.2</b>	<b>213 710</b>		<b>E5 - E8 + E2,5.2 + E3,5.2 + E5.2</b>	<b>203 254</b>
	<b>E5m.4 + E7m.5 + E7m.8 + E8m.7</b>			<b>E5m.4 + E7m.5 + E7m.8 + E8m.7</b>	
	<b>E10 - E14 + E14/12+ E6.2 - E7.2</b>	<b>213 711</b>		<b>E10 - E14 + E14/12+ E6.2 - E7.2</b>	<b>212 854</b>
	<b>E10m.12 + E12m.10 + E6.2 (E12M.10)</b>			<b>E10m.12 + E12m.10 + E6.2 (E12M.10)</b>	
	<b>E16 + E18 + E8.2 + E9.2</b>	<b>223 185</b>		<b>E16 + E18 + E8.2 + E9.2</b>	<b>224 822</b>
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 5x0.6	023 347





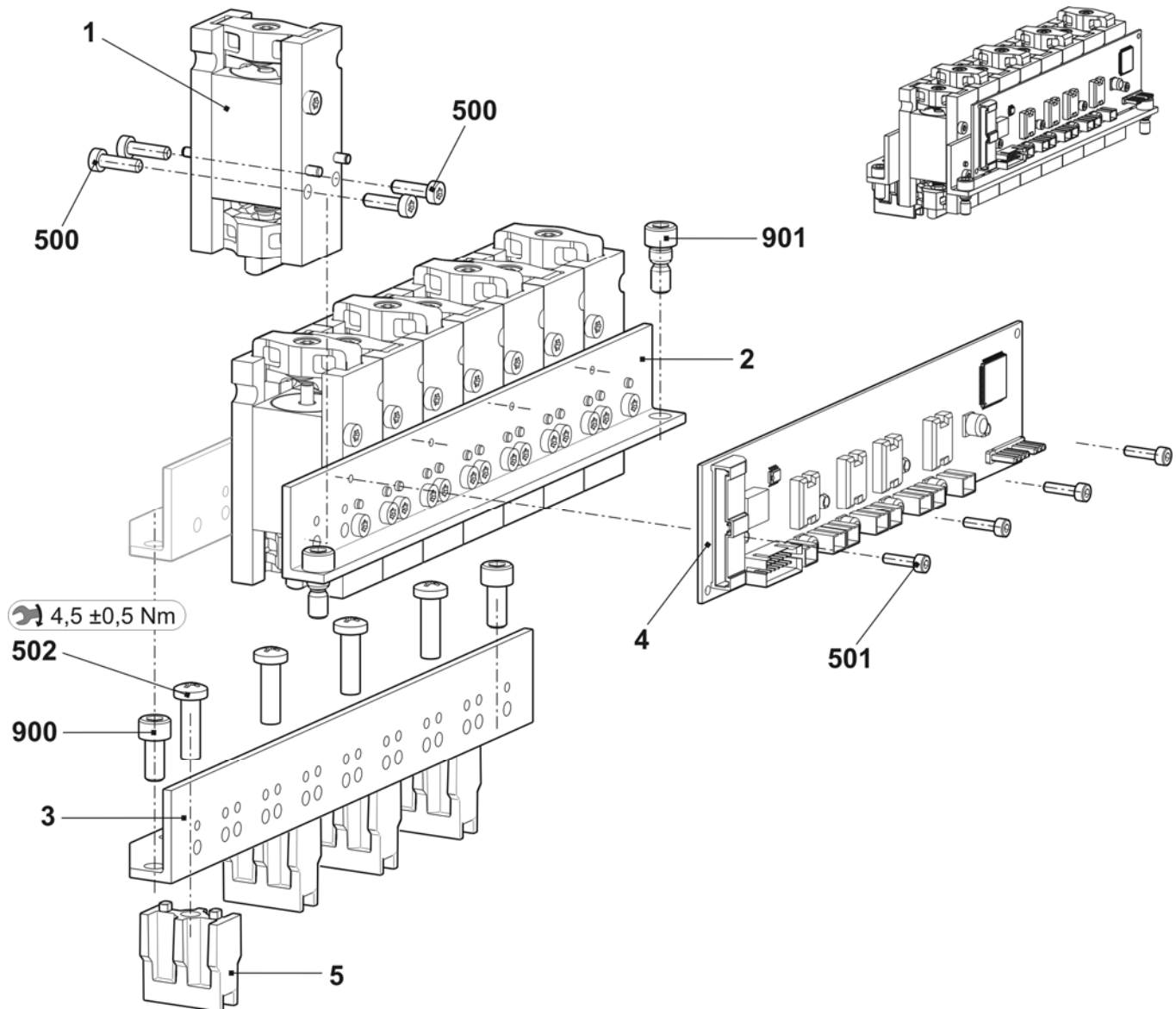
## Yarn carrier driving without guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>YC driving outside complete</b>	<b>241 080</b>			
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



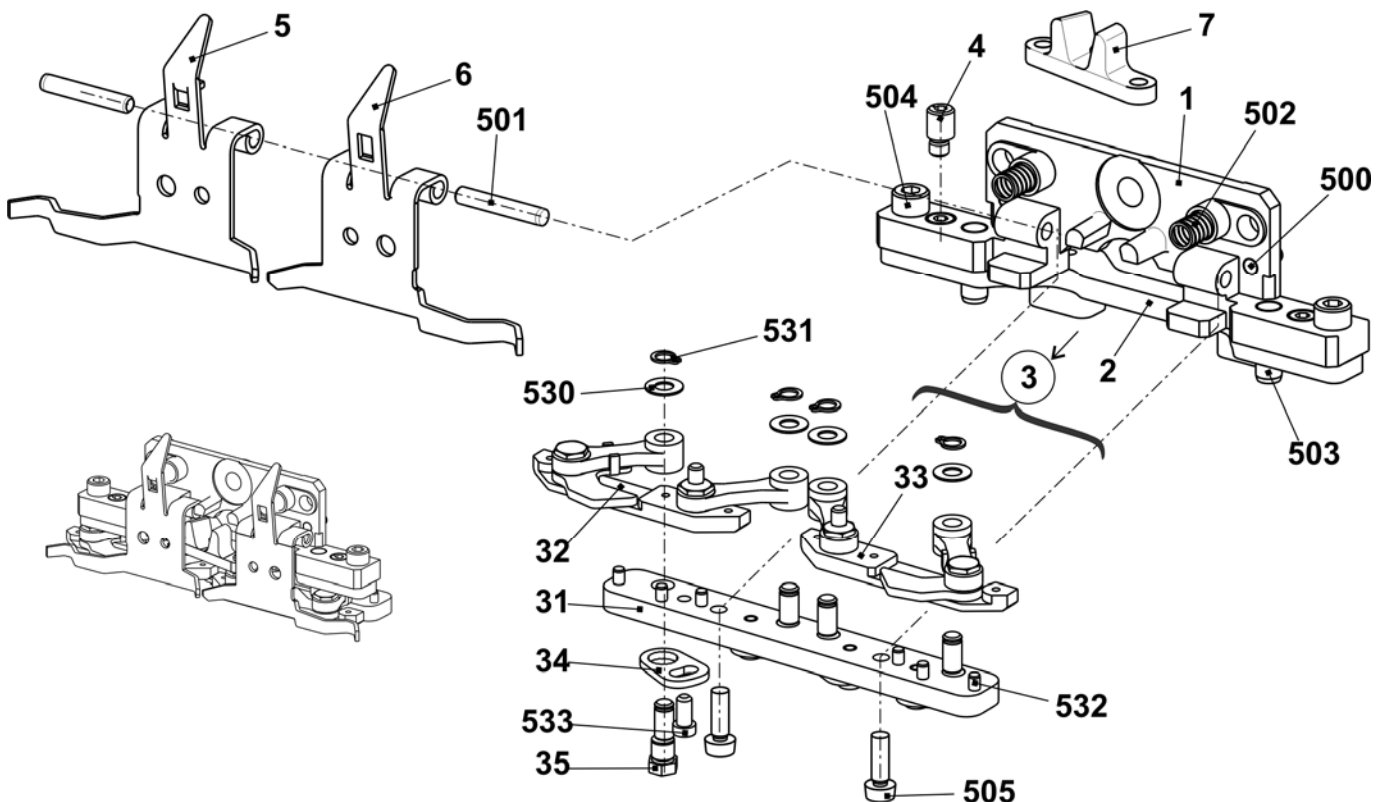
## Yarn carrier driving with guiding part

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>YC driving in the middle complete</b>	<b>241 081</b>			
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	242 903	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



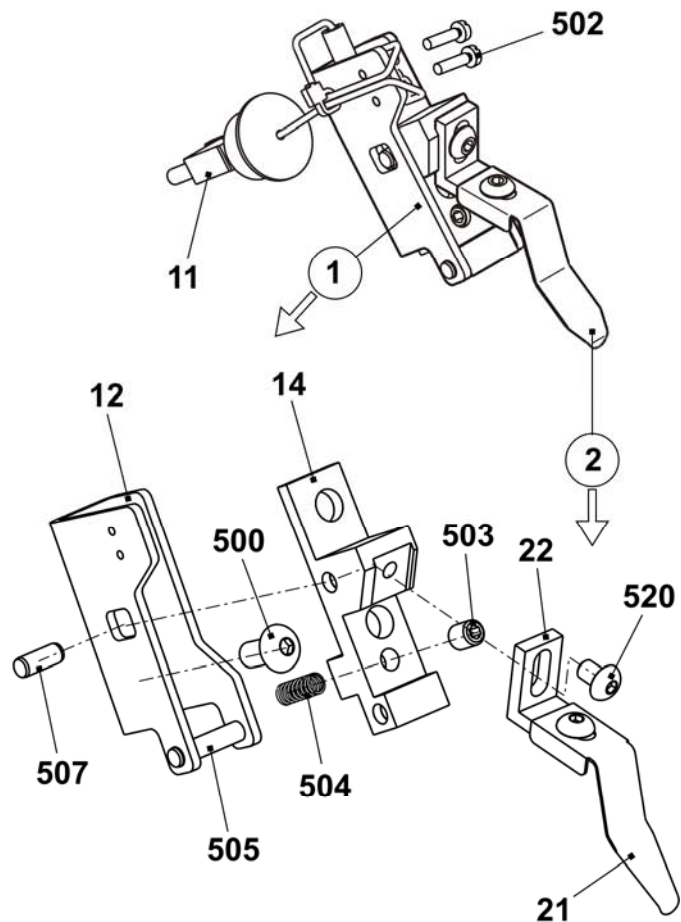
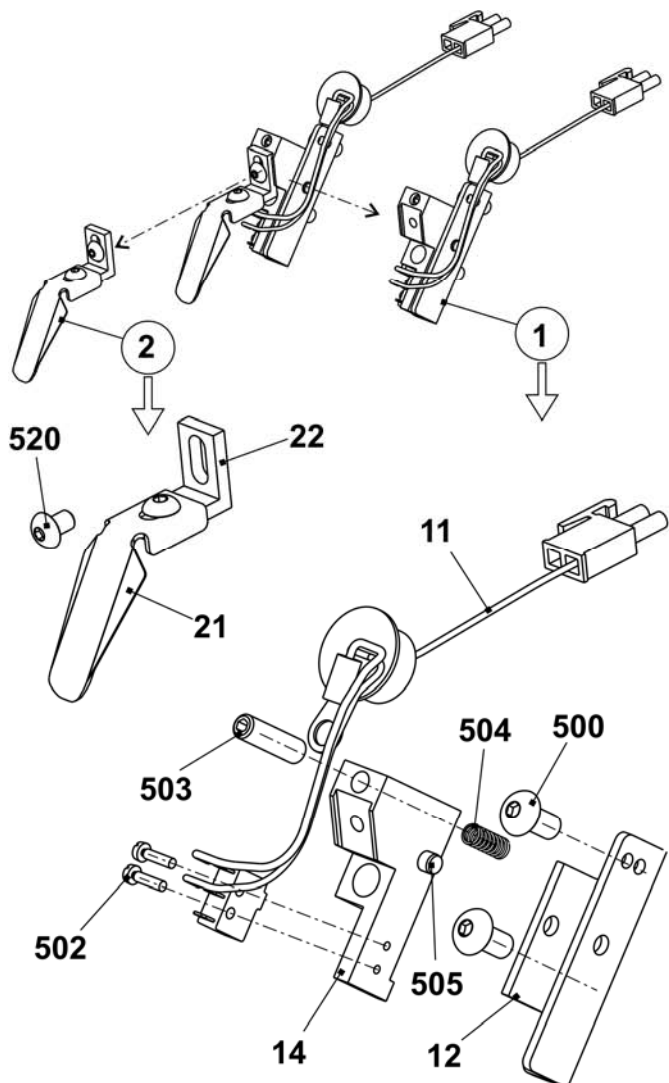
## Holding-down jack control

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Holding-down jack control complete</b>		3	Continuation of holding-down jack cam plate	
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	<b>241 515</b>	34	Adjusting plate	211 507
	E10 + E10m.12	<b>241 516</b>	35	Bolt	209 722
	E12 - E14 + E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	<b>241 517</b>	530	Adjusting washer 5x10x0.5	023 348
	E16 - E18 + E8.2 + E9.2	<b>241 520</b>	531	Locking ring 5x0.6	023 347
1	Assembly plate	241 281	532	Setting pin 3x10	020 645
2	Connection plate	241 326	533	Countersunk screw M4x8	023 579
3	Jack cam plate complete		4	Eccentric	241 362
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	241 521	5	Set-out plate on the right	212 382
	E10 + E10m.12	241 522	6	Set-out plate on the left	212 396
	E12 - E14 + E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	241 523	7	Plunger	210 559
	E16 - E18 + E8.2 + E9.2	241 526	500	Setting pin 4x10	020 657
31	Holding-down cam plate	241 349	501	Setting pin 4x24	020 664
32	Slider on the right complete E?		502	Compression spring 0.68x5.10x19.00	238 702
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	212 610	503	Dowel pin 6x18	020 678
	E10 + E10m.12	212 943	504	Cap screw M5x12	020 132
	E12 - E14 + E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	213 055	505	Cap screw M4x12-5.8	241 859
	E16 - E18 + E8.2 + E9.2	239 825			
33	Slider on the left complete				
	E5 - E8 + E7m.8 + E8m.7 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2	212 611			
	E10 + E10m.12	213 053			
	E12 - E14 + E6.2 + E6.2(12m.10) + E14 + 12 + E7.2	213 056			
	E16 - E18 + E8.2 + E9.2	239 824			



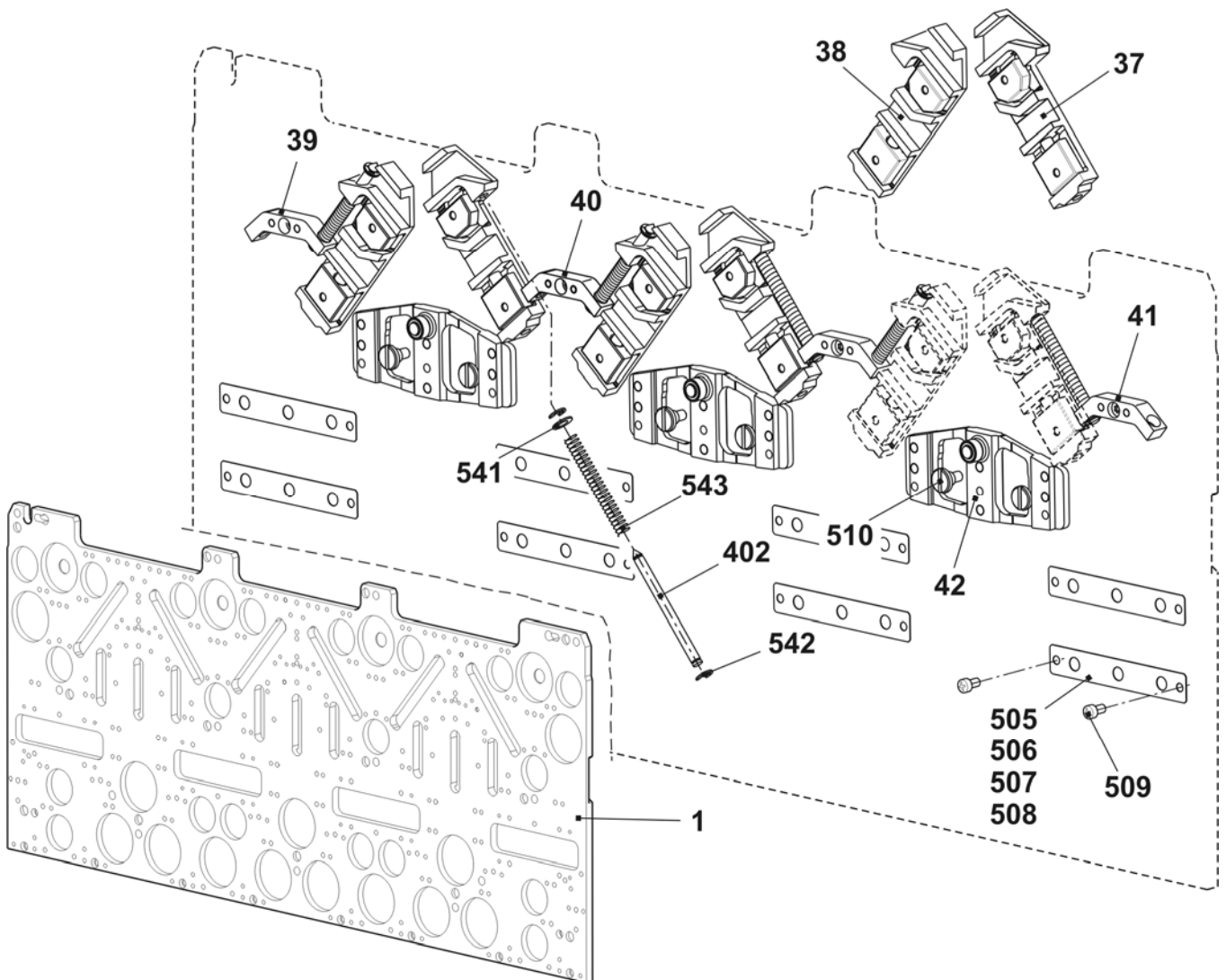
## Needle detector

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Needle detector E5 - E14 E2,5.2 - E6.2 + E6.2(12m.10) E5m.4 + E7m.5 + E7m.8 + E8m.7 + E10m.12 + E14/12</b>	<b>221 238</b>	$\Sigma$	<b>Needle detector E16 + E18 E8.2 + E9.2</b>	<b>239 321</b>
1	Needle detector pre-assembled	221 773	1	Needle detector pre-assembled E16-18	238 929
500	Countersunk screw M4x6	023 427	500	Countersunk screw M4x6	023 427
11	Cable of needle detector complete	221 207	11	Cable of needle detector complete E16 - E18	239 319
12	Retainer	220 464	12	Retainer E16-20	238 824
14	Switch rocker	220 637	14	Switch rocker E16-20	238 823
500	Countersunk screw M5x10	023 247	500	Countersunk screw M5x10	023 247
502	Cap screw M2x8	022 954	502	Cap screw M2x8	022 954
503	Set screw M5x20-45	023 526	503	Set screw M5x8-45H	022 809
504	Compression spring 4.3x0.45x10	021 398	504	Compression spring 4.3x0.45x10	021 398
505	Dowel pin 4x18	023 525	505	Dowel pin 4x20-A-St	239 316
			507	Dowel pin 4x10-A-St	023 753
2	Sensor pre-assembled	221 758	2	Sensor pre-assembled E16-18	239 324
21	Sensor	220 839	21	Sensor E16-20	238 658
22	Angle	221 175	22	Angle	221 175
520	Countersunk screw M4x6	023 427	520	Countersunk screw M4x6	023 427



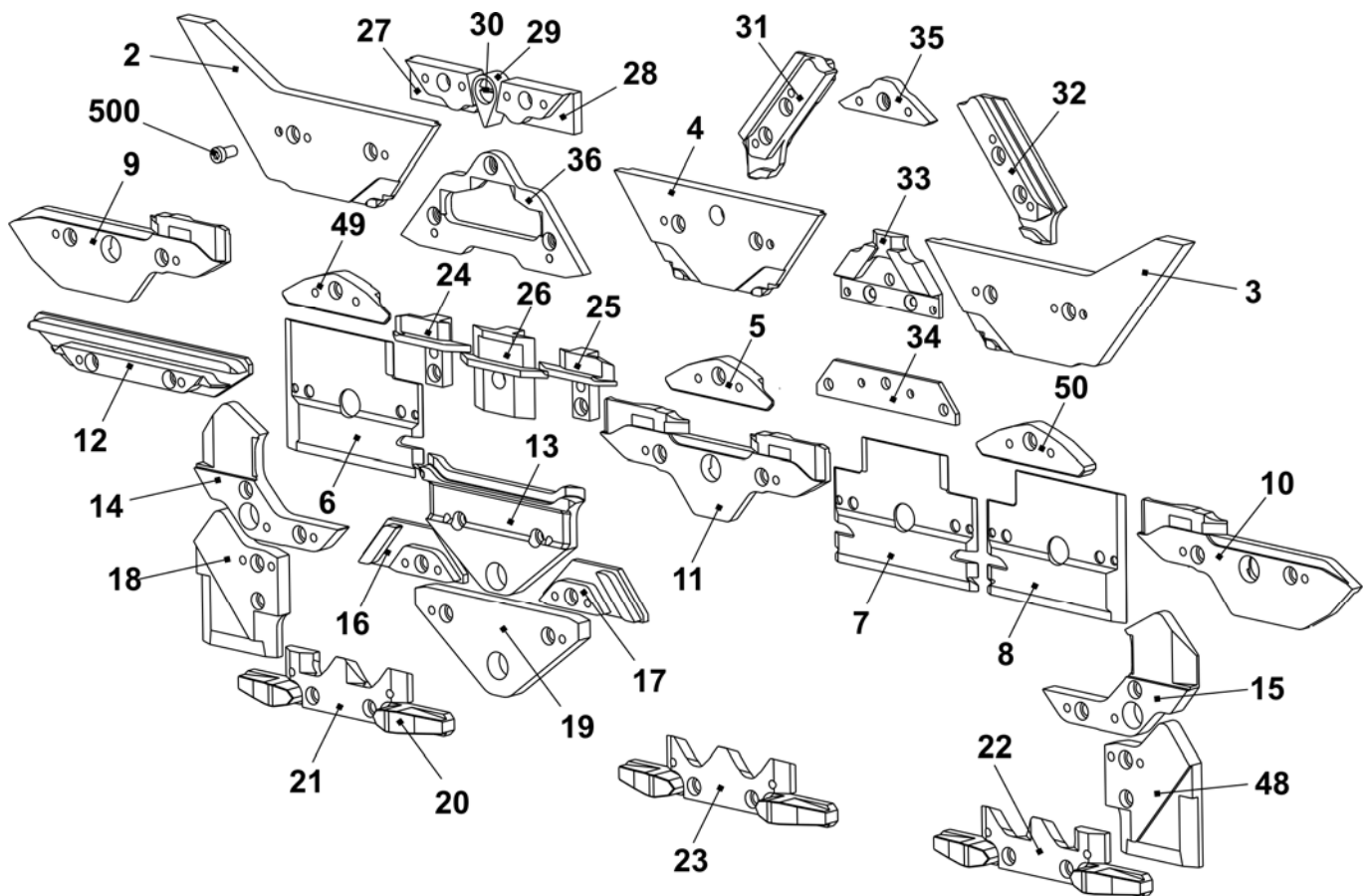
## Cam box E5 + E5m.4 + E7m.5 + E2,5.2 + E3,5.2 + E5.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E5</b>	<b>241 566</b>			
1	Cam plate	240 371	42	Switching piece	240 281
37	Stitch forming cam on the right <b>co.</b> E5 - E10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left <b>co.</b> E5 - E10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the right	211 168	509	Countersunk screw M3x4	023 142
402	Spring rod	209 791	510	Shoulder screw	239 626
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



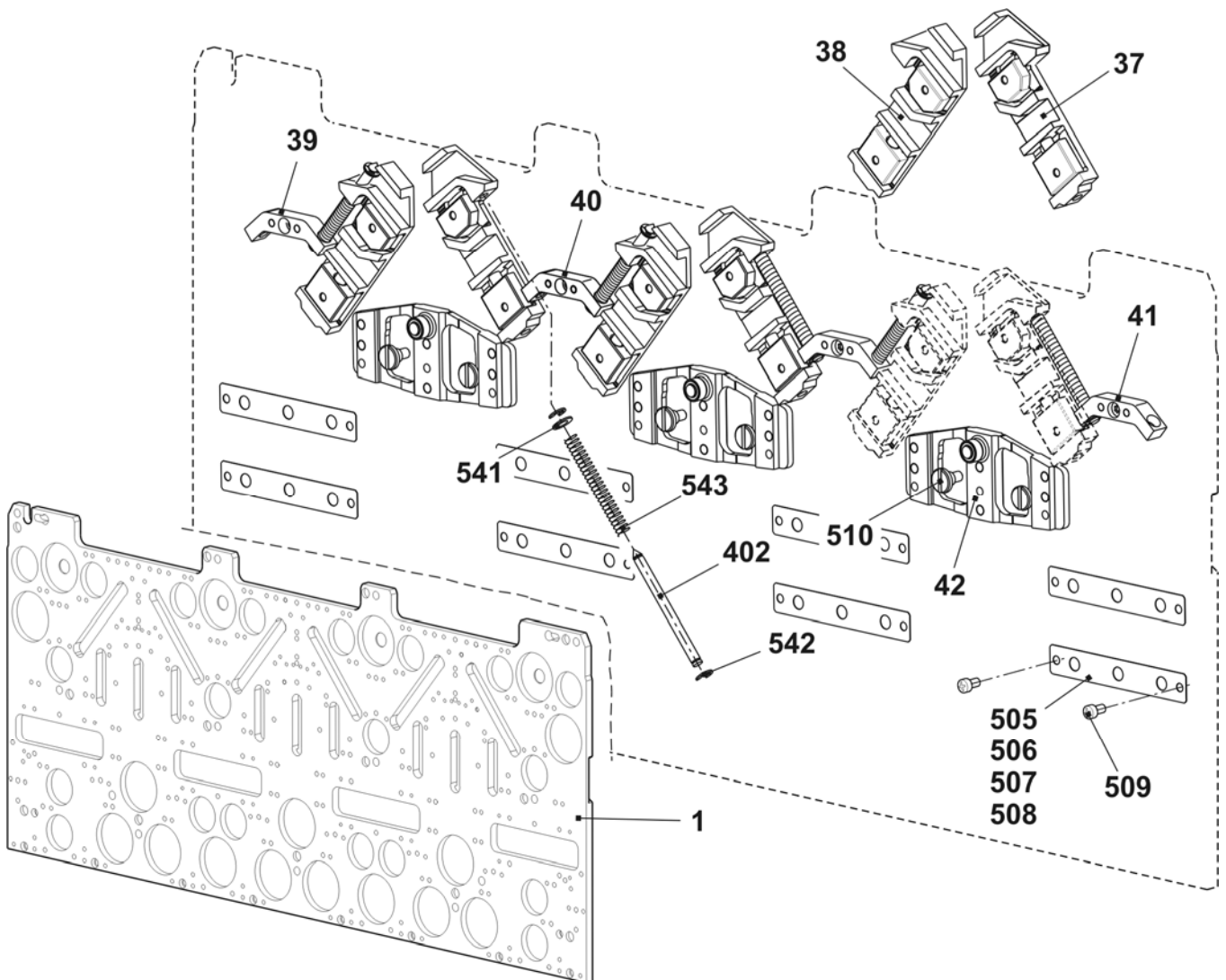
## Cams E5

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	22	Selector cam on the right	212 947
3	Entry cam on the right	213 303	23	Selector cam	212 946
4	Entry cam at the top	210 285	24	Pressure part take-over on the left	239 848
5	Entry cam in the middle at the bottom E2,5.2 + E3,5.2	235 719	25	Pressure part take-over on the right	239 849
6	Plate on the left	230 988	26	Tuck pressure part	239 621
7	Plate in the middle	231 035	27	Limit cam on the left E5	210 289
8	Plate on the right	231 036	28	Limit cam on the right E5	210 290
9	Cam on the left	231 039	29	Pointer E2,5.2 + E3,5.2	229 505
10	Cam on the right	231 041	30	Screw	210 335
11	Cam in the middle	231 040	31	Stitch cam on the left E2,5.2 + E3,5.2	235 712
12	Cam	227 923	32	Stitch cam on the right E2,5.2 + E3,5.2	235 713
13	Cam	210 254	33	Tuck limit cam E5	214 051
14	Cam on the left E5-14	212 265	34	Raising cam plate E4-12	204 372
15	Cam on the right E5-14	212 266	35	Receiving cam E5	210 386
16	Cam on the left	236 192	36	Raising cam without split E5	213 302
17	Cam on the right	236 193		Knitting raising cam with split E5	213 294
18	Cam on the left E5-14	212 274		Accessories	
19	Cam	210 252	48	Cam on the right E5-14	212 275
20	Offering cam	210 185	49	Entry cam on the left bottom E5-8	235 718
21	Selector cam on the left	212 944	50	Entry cam on the right at the bottom E5-8	235 720
			500	Cap screw M4x8	020 091



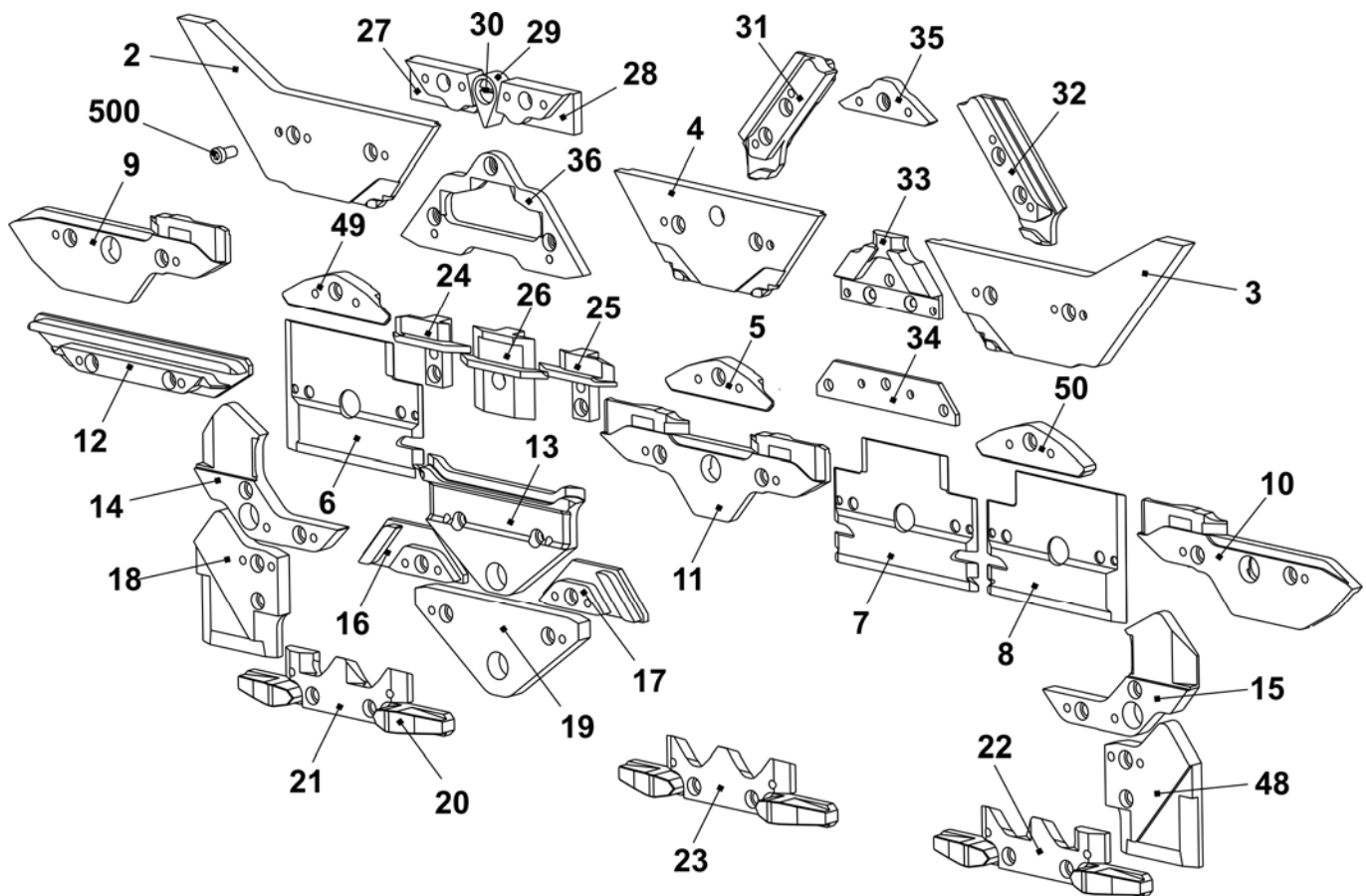
## Cam box E7 – E8 + E7m.8 + E8m.7

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E7-8</b>	<b>241 567</b>			
1	Cam plate	240 371	42	Switching piece	240 281
37	Stitch forming cam on the right co. E5-10	211 163	505	Shim 0.03x12x75	022 828
38	Stitch forming cam on the left co. E5-10	211 164	506	Shim 0.05x12x75	022 829
39	Rod guide element on the left	211 165	507	Shim 0.1x12x75	022 830
40	Rod guide element in the middle	211 166	508	Shim 0.2x12x75	022 831
41	Rod guide element on the right	211 168	509	Countersunk screw M3x4	123 142
	402 Spring rod	209 791	510	Shoulder screw	239 626
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



## Cams E7 – E8

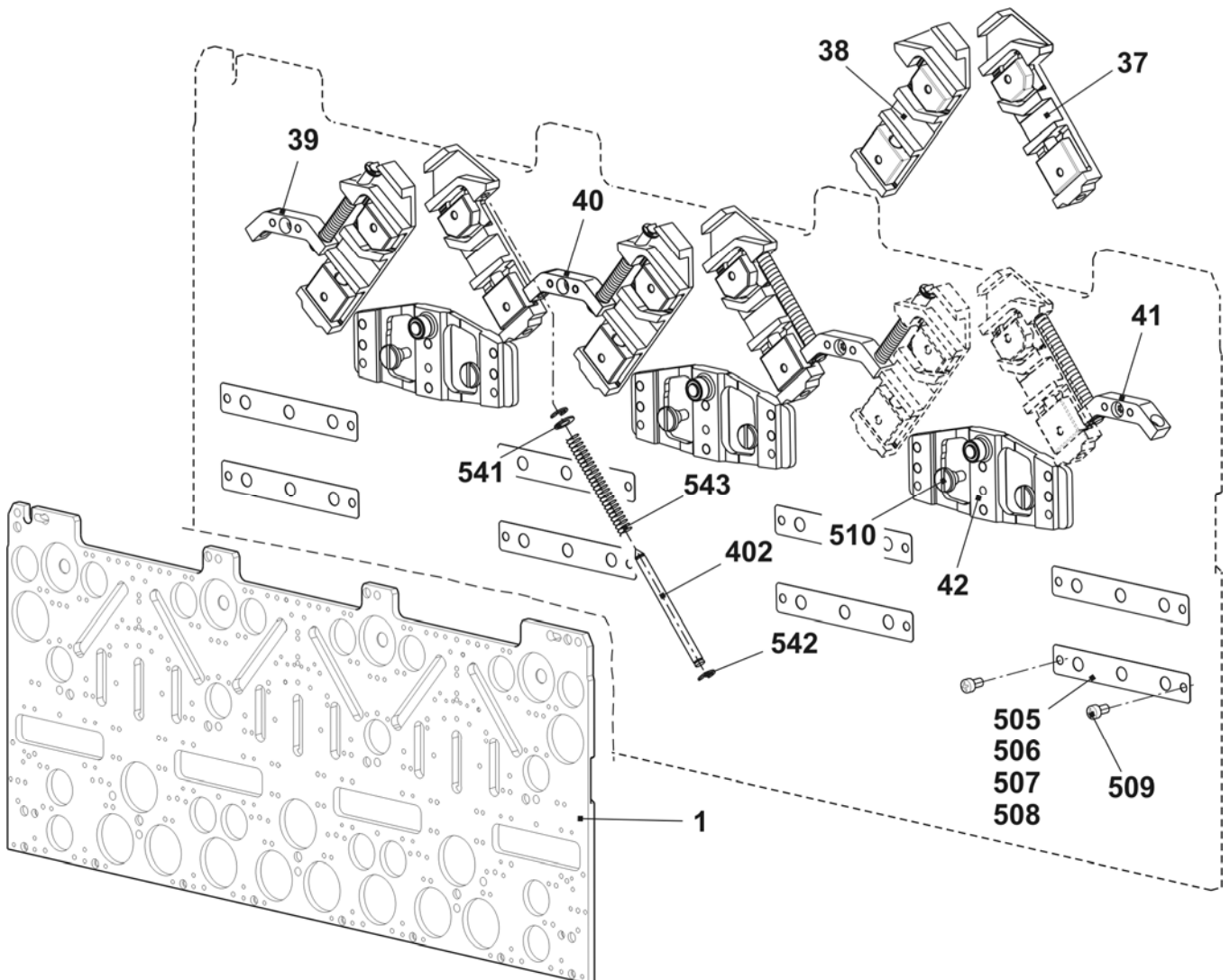
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	213 304	23	Selector cam	212 946
3	Entry cam on the right	213 303	24	Pressure part take-over on the left	239 848
4	Entry cam at the top	210 285	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom E5-8	212 395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





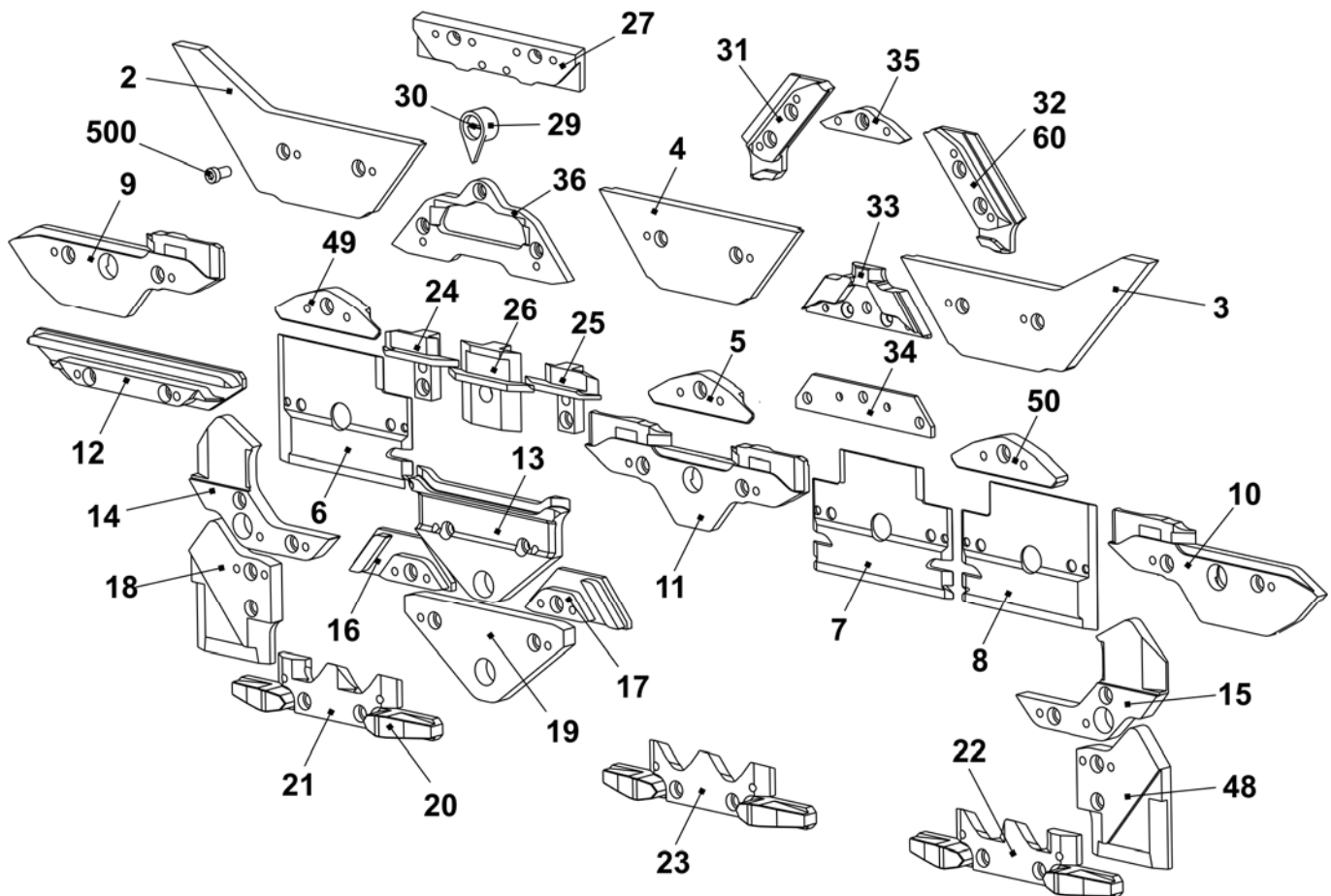
## Cam box E10

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box set complete E10</b>	<b>243 091</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right complete E5-10	211 163	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left complete E5-10	211 164	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791			
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



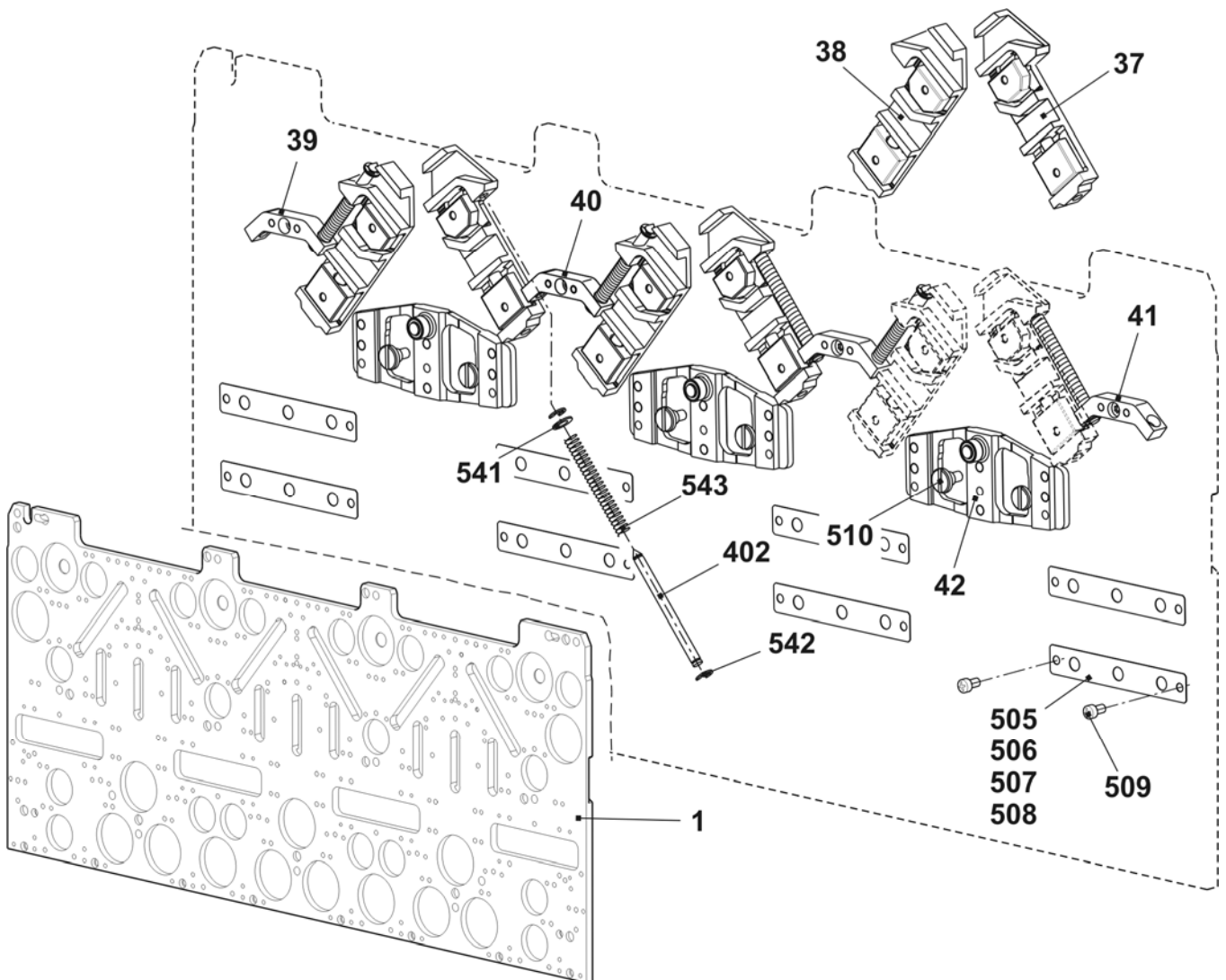
## Cams E10

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



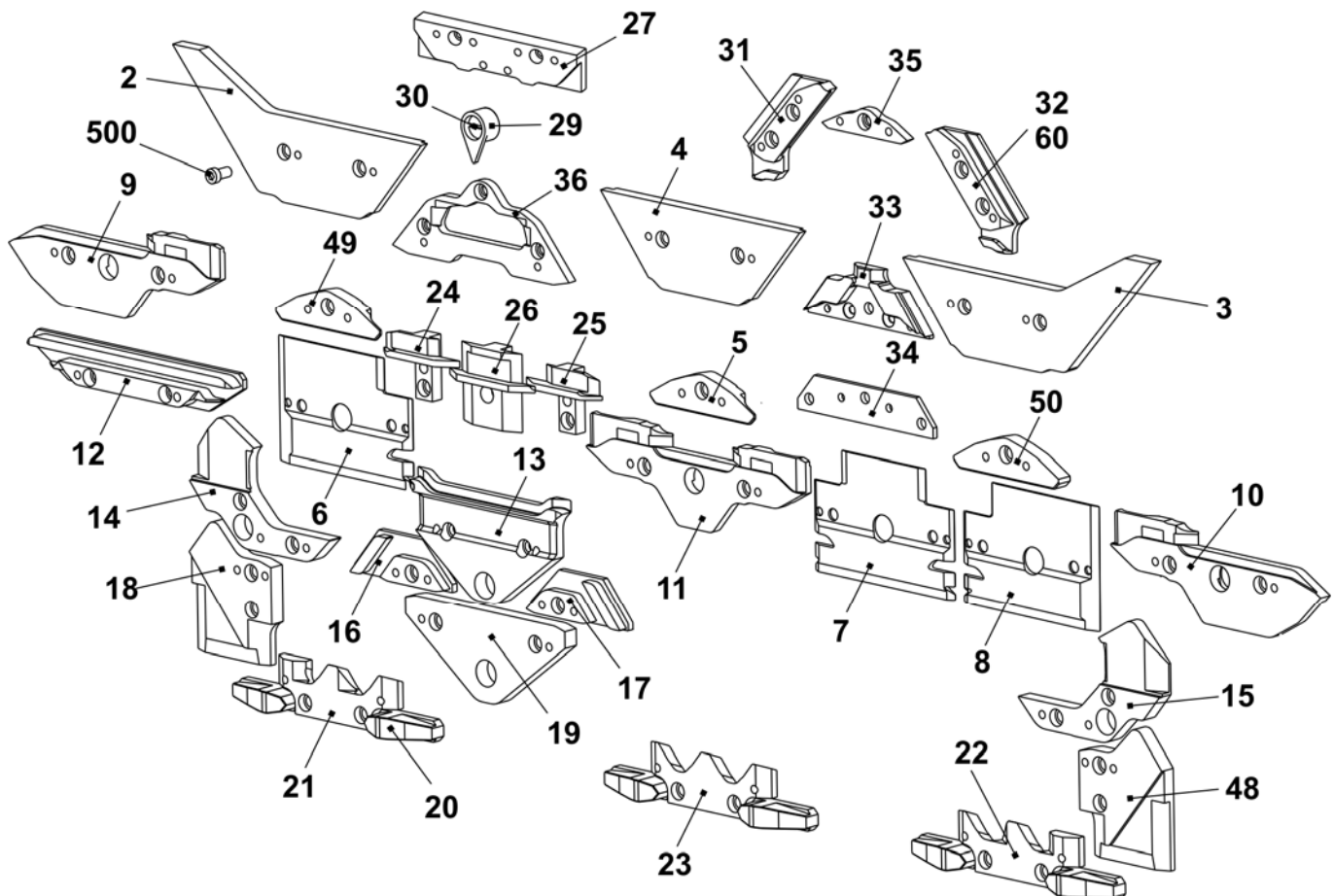
## Cam box E10m.12

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Cam box set complete E10m.12</b>	<b>243 093</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E5-10	211 163	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E5-10	211 164	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791	Parts at the bottom of the cam box <b>Cam box set complete</b> contains all parts for <b>both</b> carriage sides		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



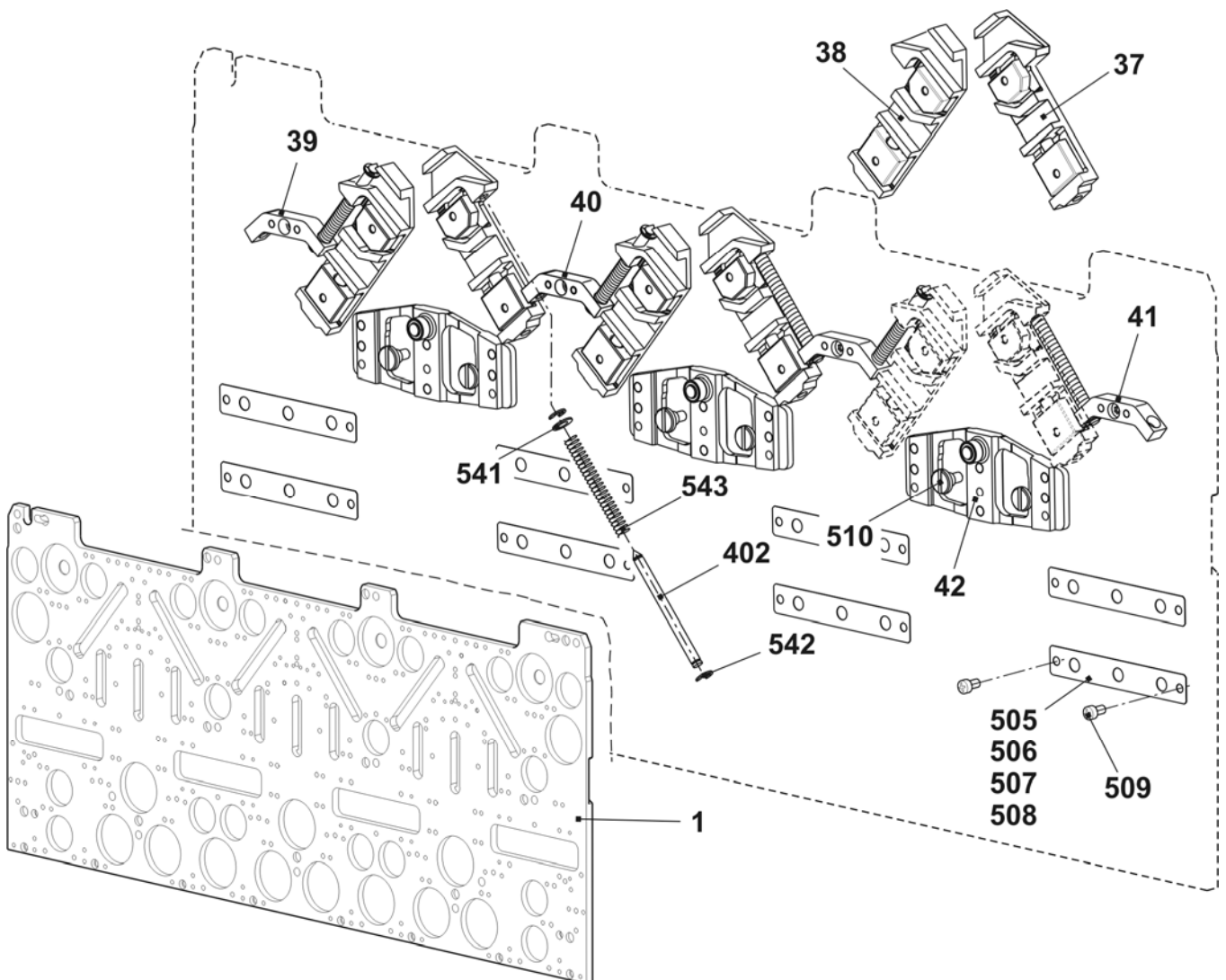
## Cams E10m.12

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



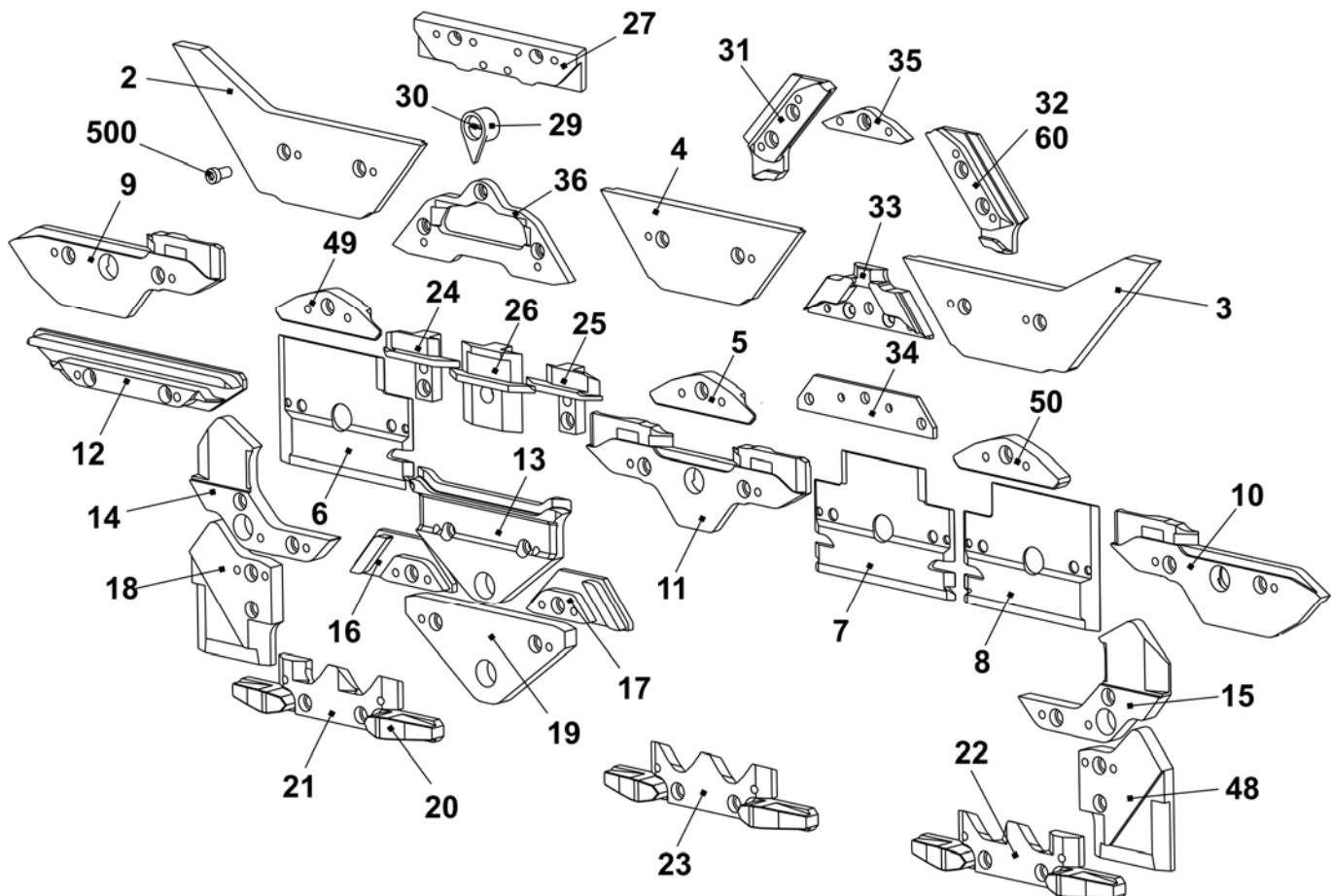
## Cam box E12

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box set complete E12</b>	<b>241 569</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E12 – E14	214 088	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E12 – E14	214 089	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
	402 Spring rod	209 791			
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



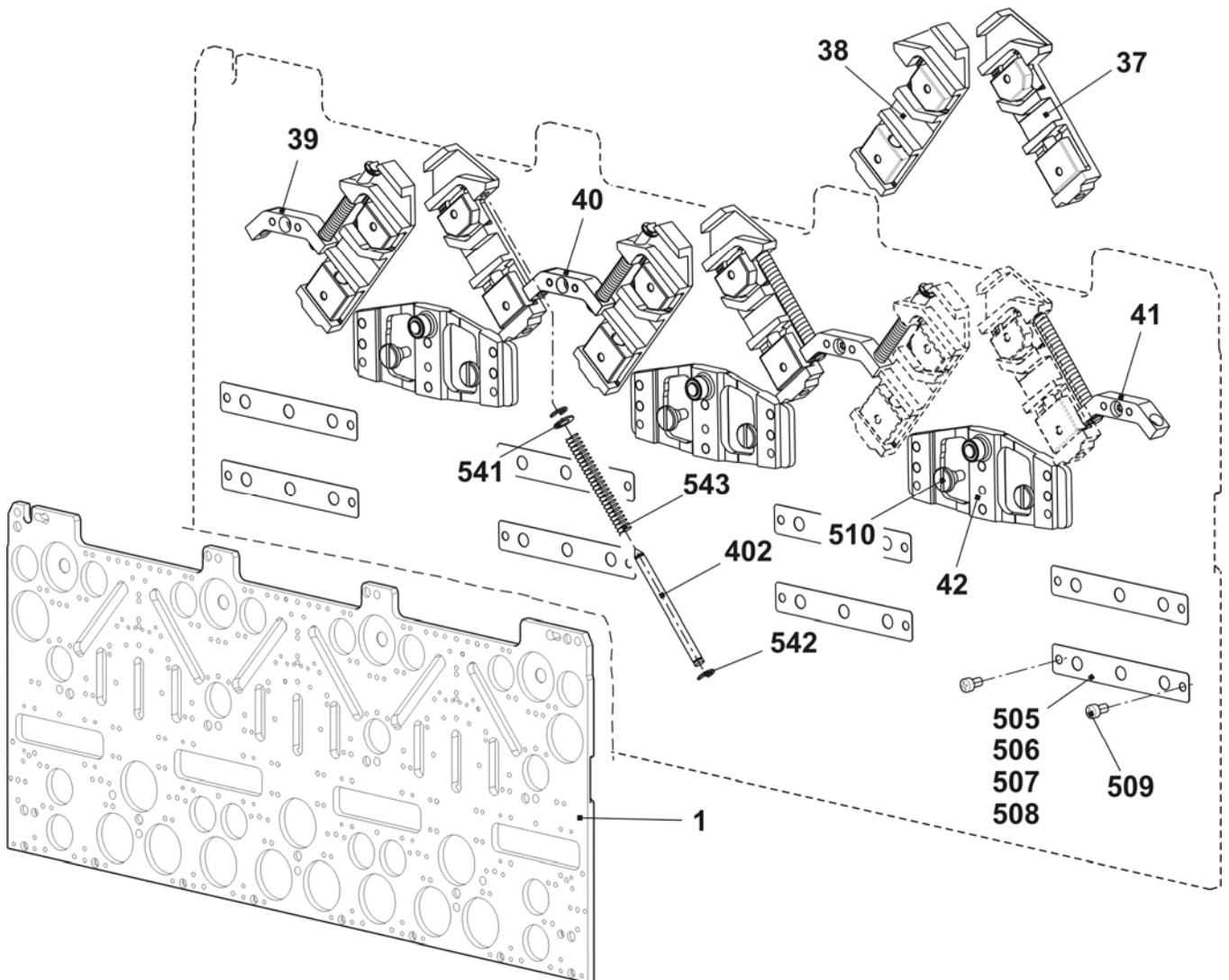
## Cams E12

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



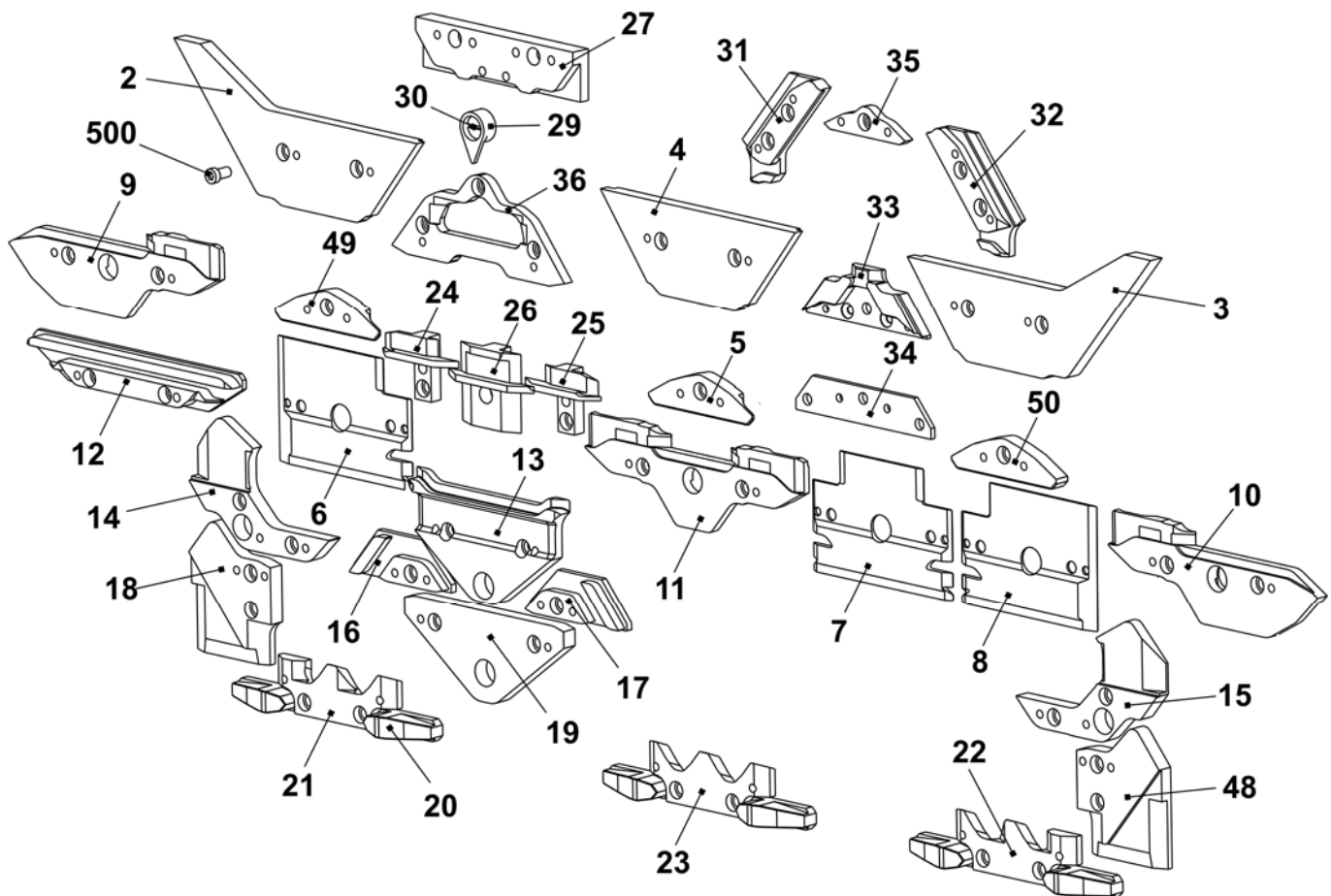
## Cam box E6.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E6.2</b>	<b>243 095</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E12 – E14	214 088	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E12 – E14	214 089	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791			
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



## Cams E6.2

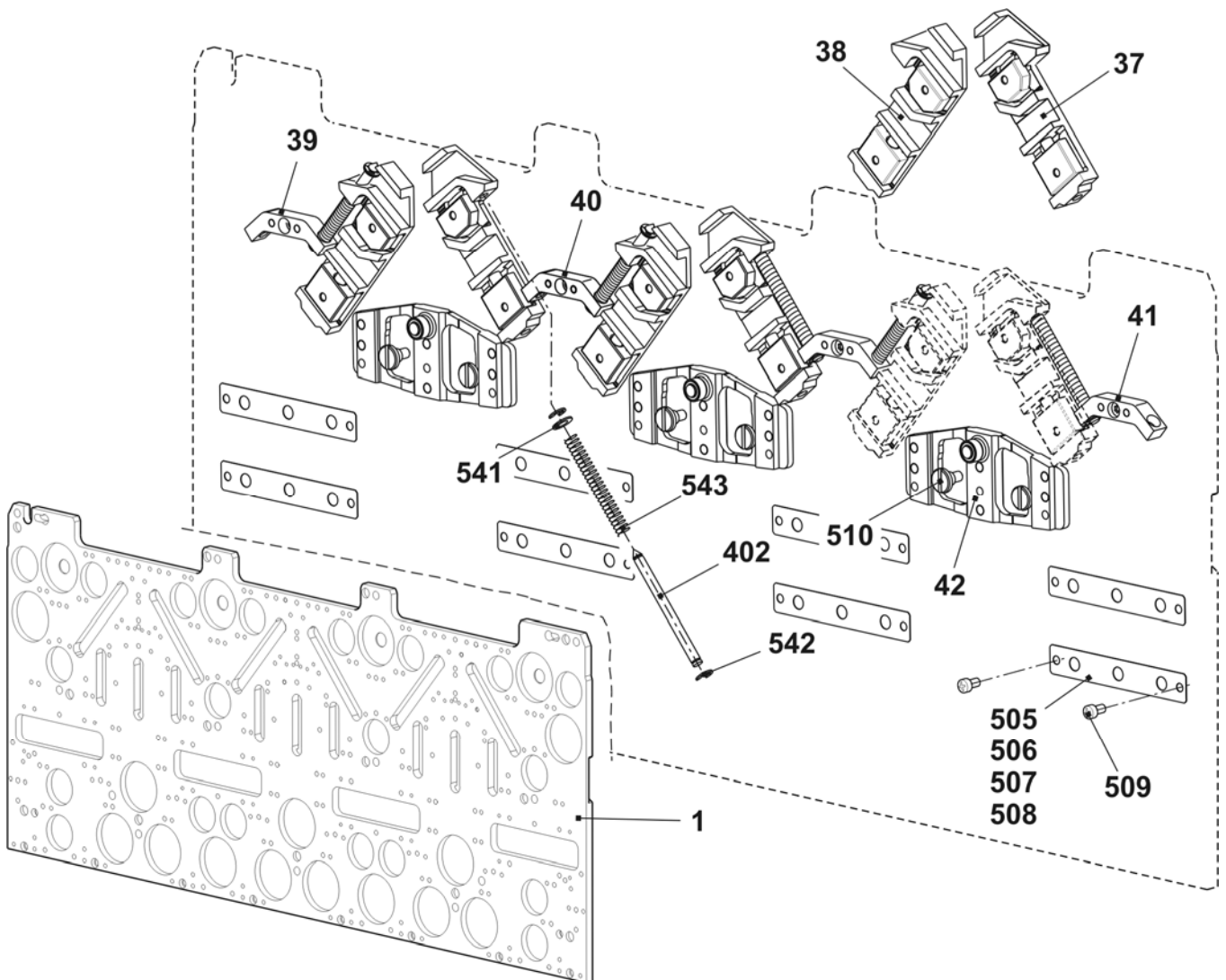
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam at the top	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom - 1.5 E10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





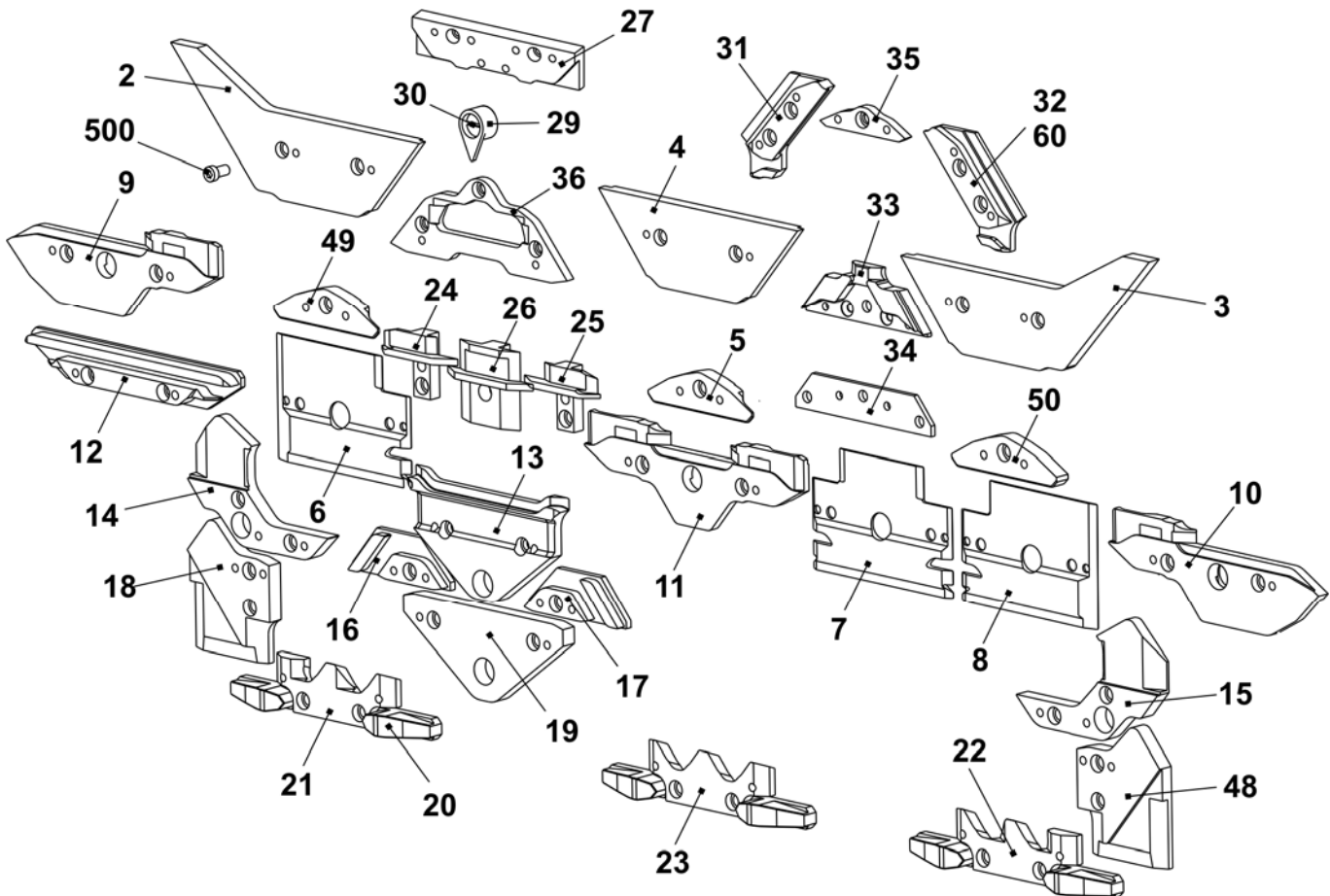
## Cam box E6.2 (12m.10)

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box set complete E12m.10</b>	<b>242 402</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E12 – E14	214 088	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E12 – E14	214 089	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
	402 Spring rod	209 791			
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



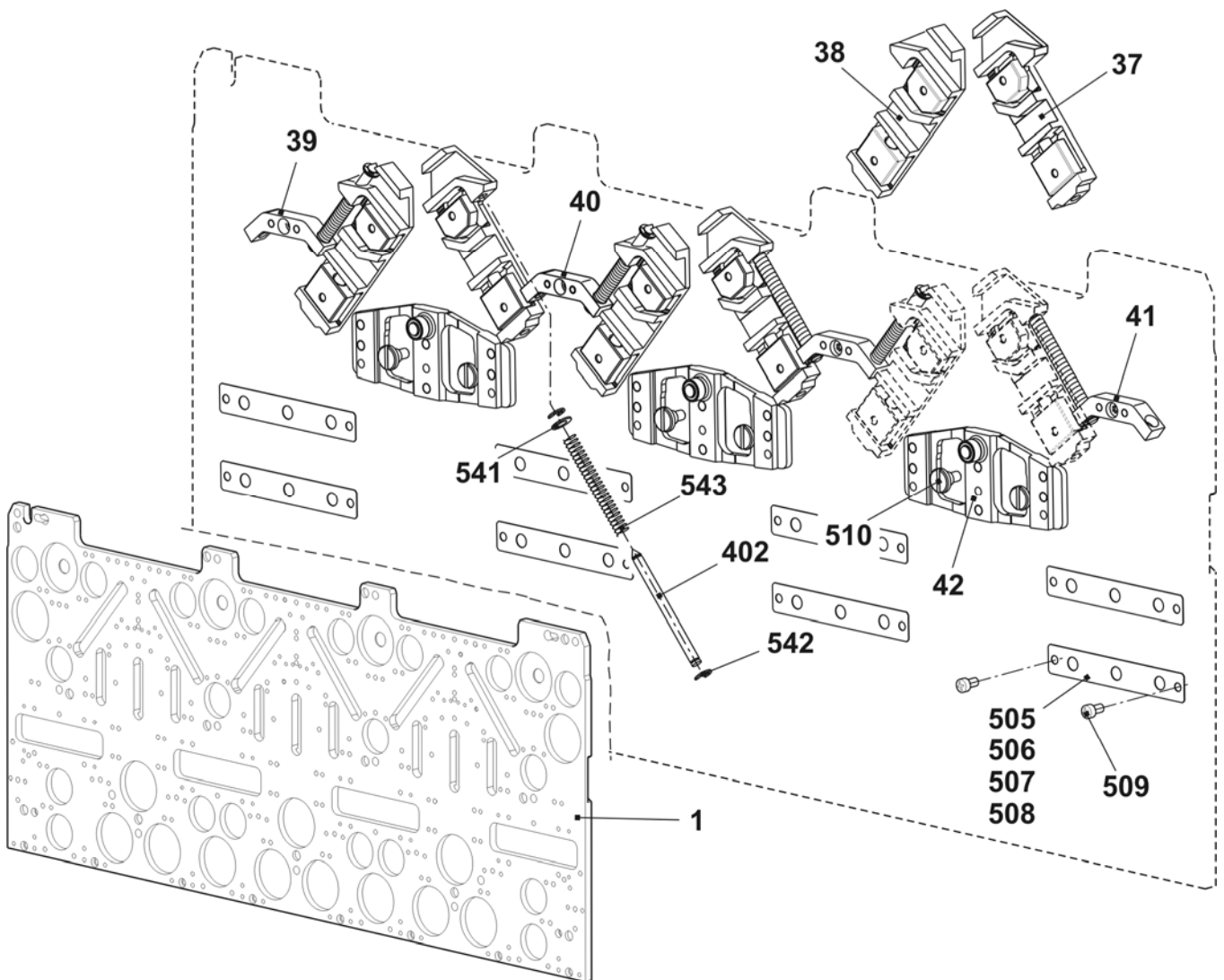
## Cams E6.2 (12m.10)

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



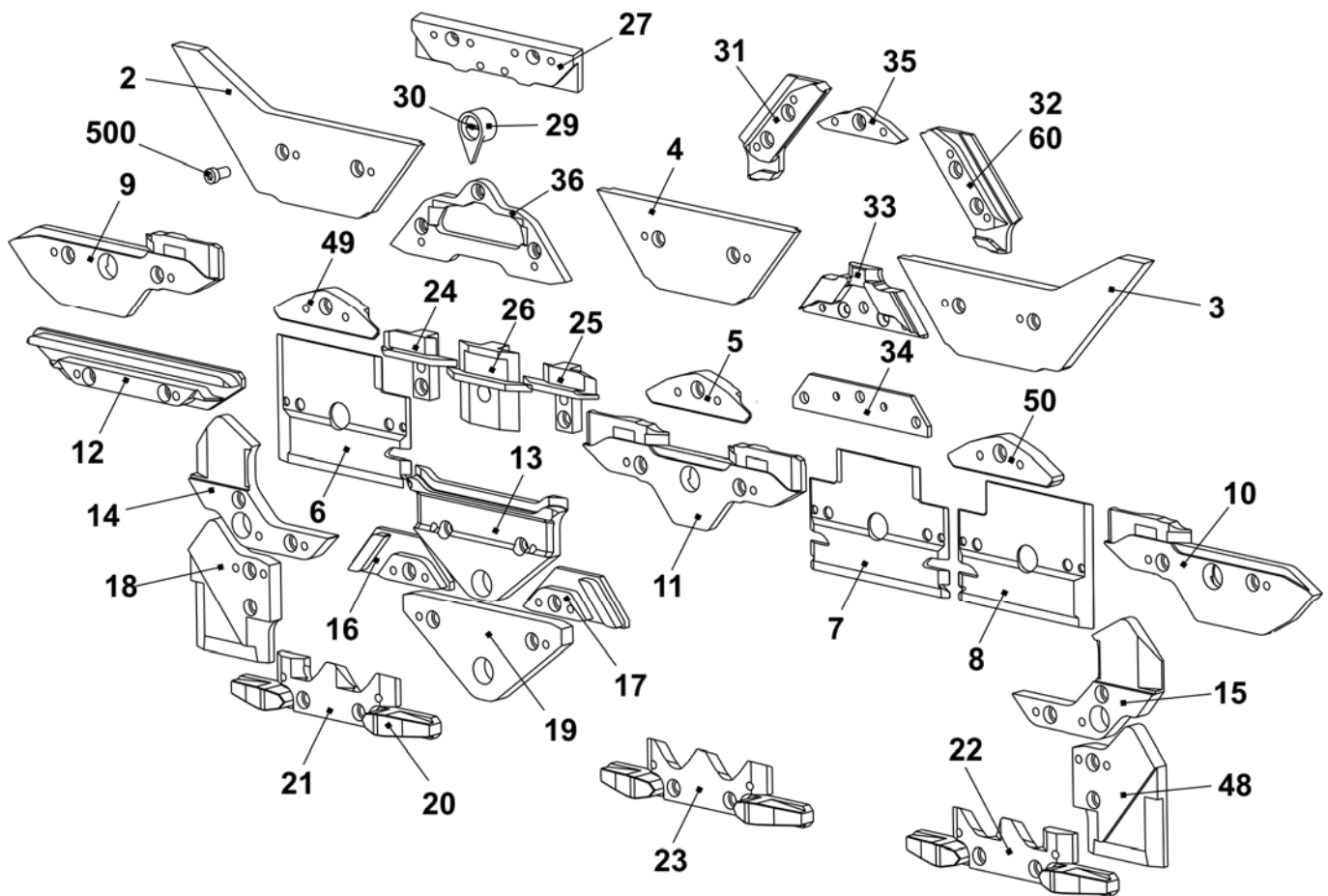
## Cam box E14 + E14/12

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E14</b>	<b>243 092</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E12 – E14	214 088	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E12 – E14	214 089	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791	Parts at the bottom of the cam box <b>Cam box co.</b> contains all parts for <b>one</b> carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



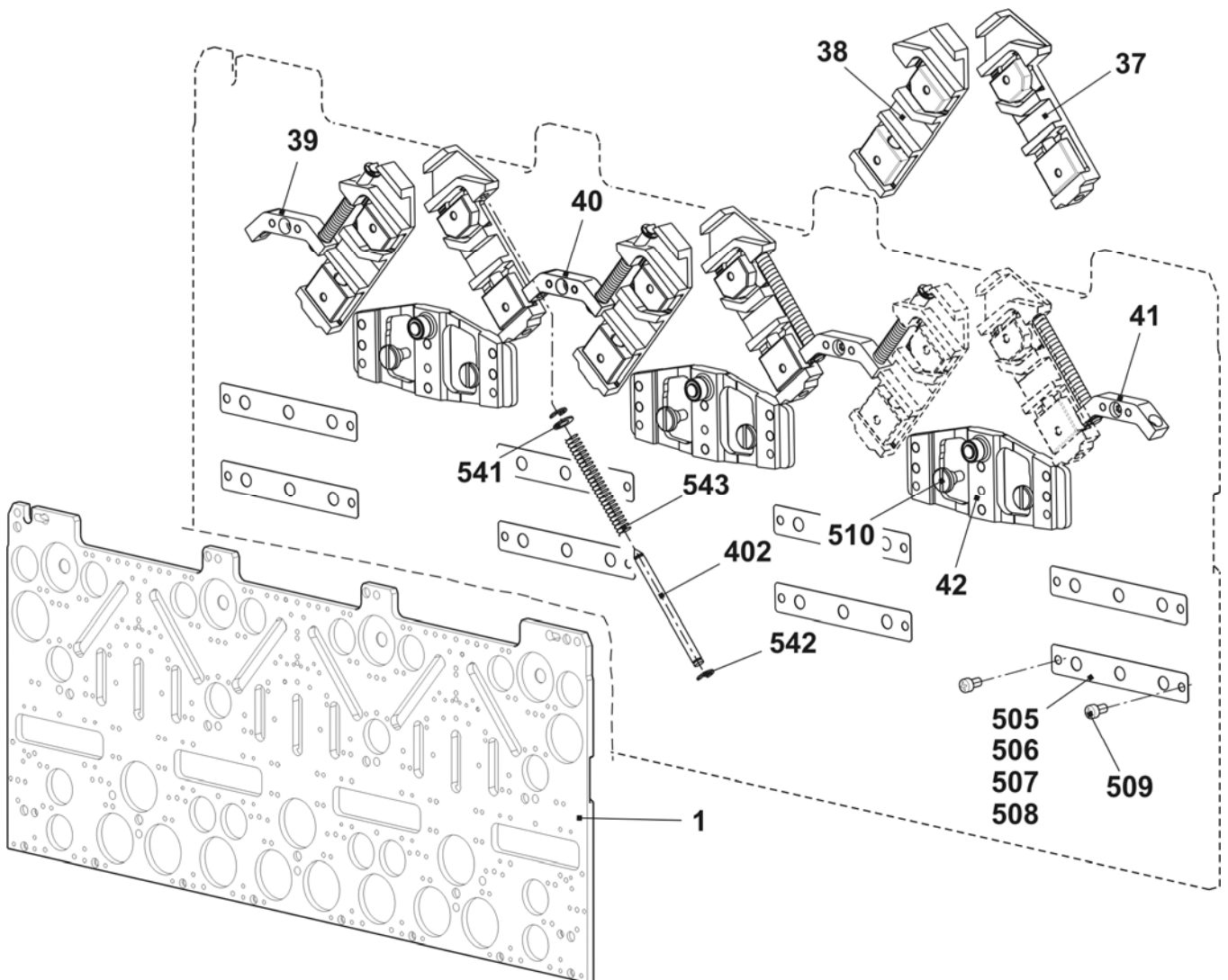
**Cams E14**

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



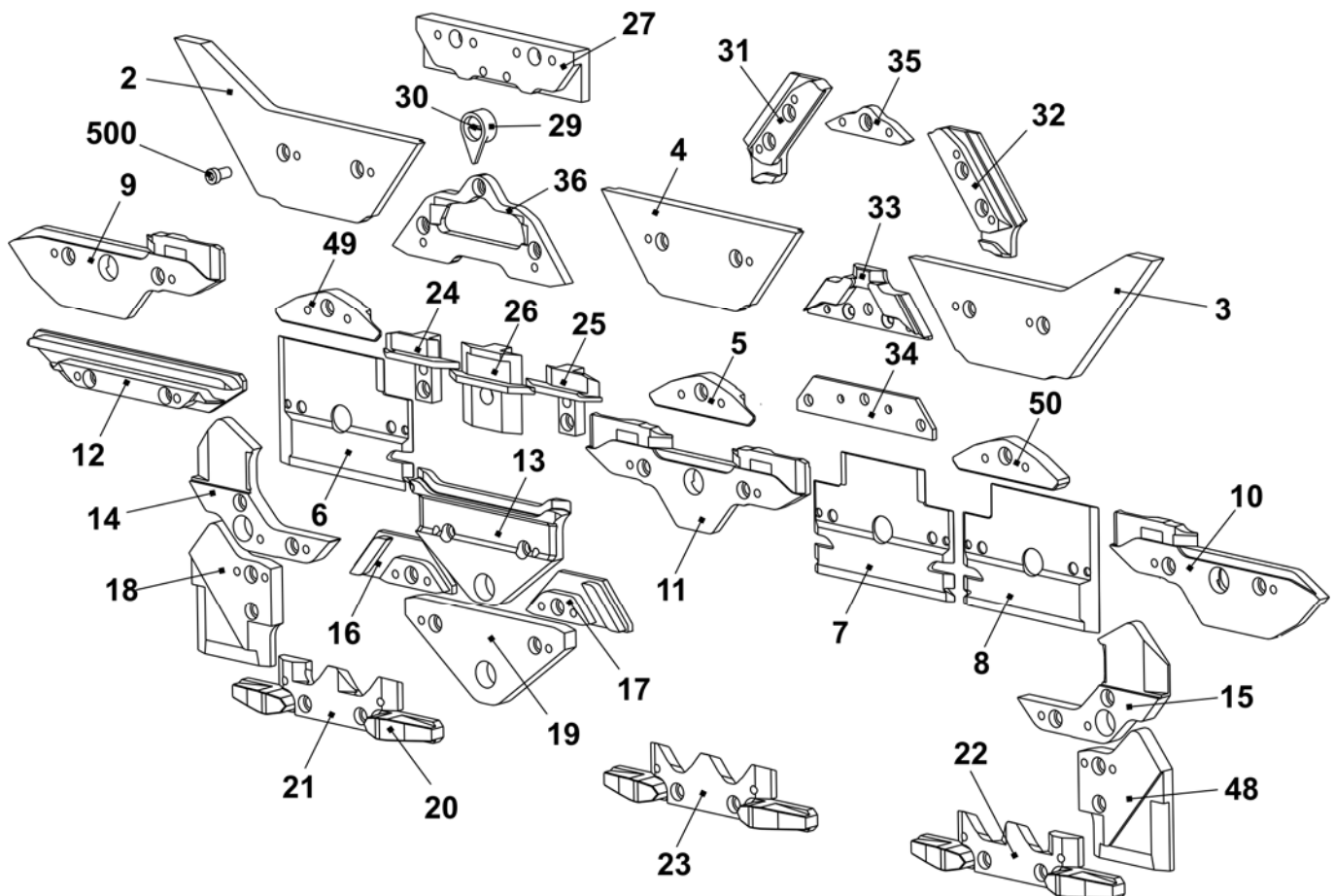
## Cam box E7.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E7.2</b>	<b>241 573</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right complete E12 – E14	214 088	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left complete E12 – E14	214 089	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
	402 Spring rod	209 791			
	541 Disc 4.3x7x0.5	022 153			
	542 Circlip 3.2	021 019			
	543 Spring	023 344			



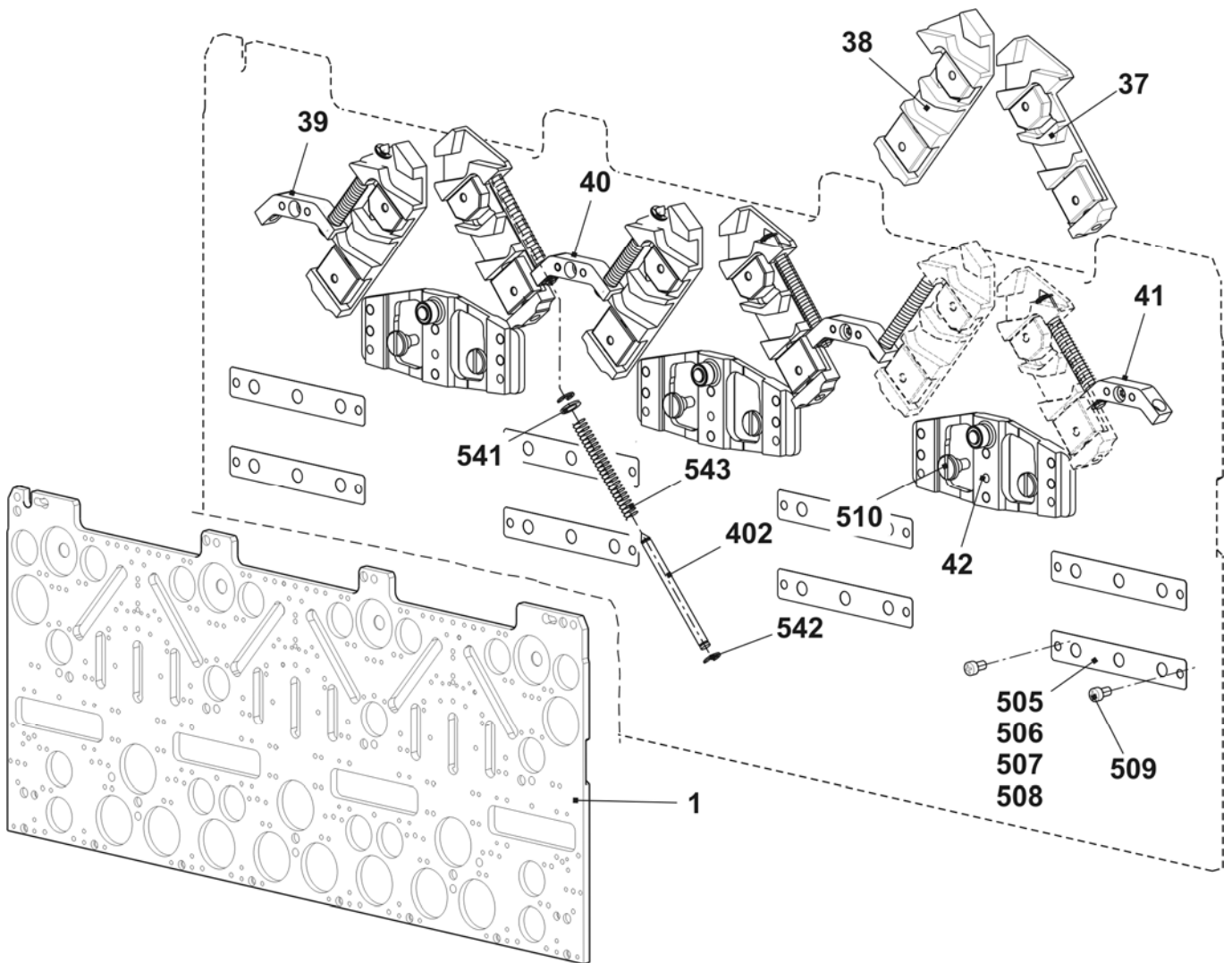
## Cams E7.2

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



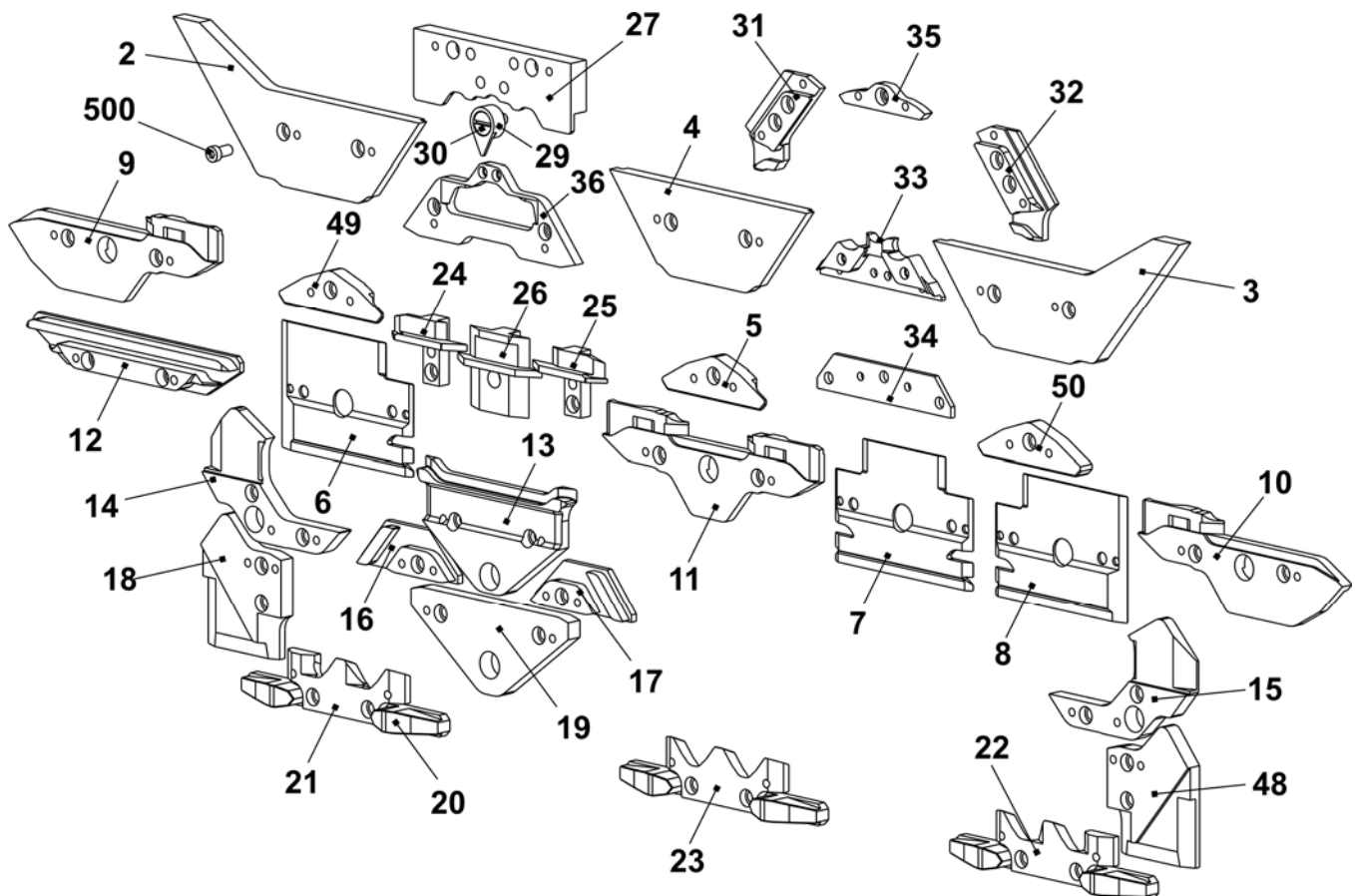
## Cam box E16 - E18

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E16 - E18</b>	<b>241 571</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E16 - E20	221 123	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E16 - E20	221 124	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791	Parts at the bottom of the cam box <b>Cam box complete</b> contains all parts for <b>one</b> carriage side		
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



## Cams E16 + E18

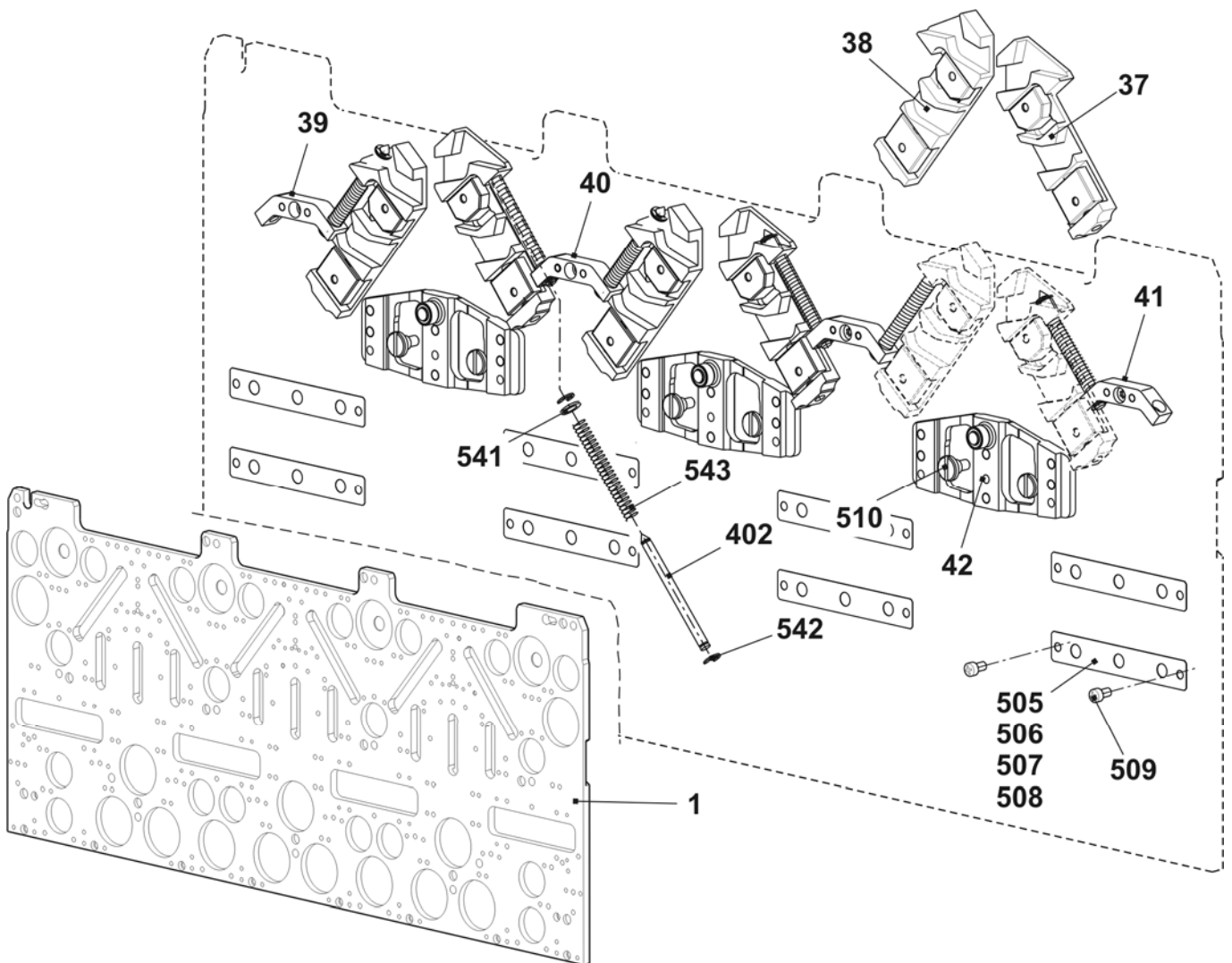
Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the left	243 595	23	Selector cam	212 946
3	Entry cam on the right	243 597	24	Pressure part take-over on the left	239 848
4	Entry cam at the top	243 596	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom E16 - E20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





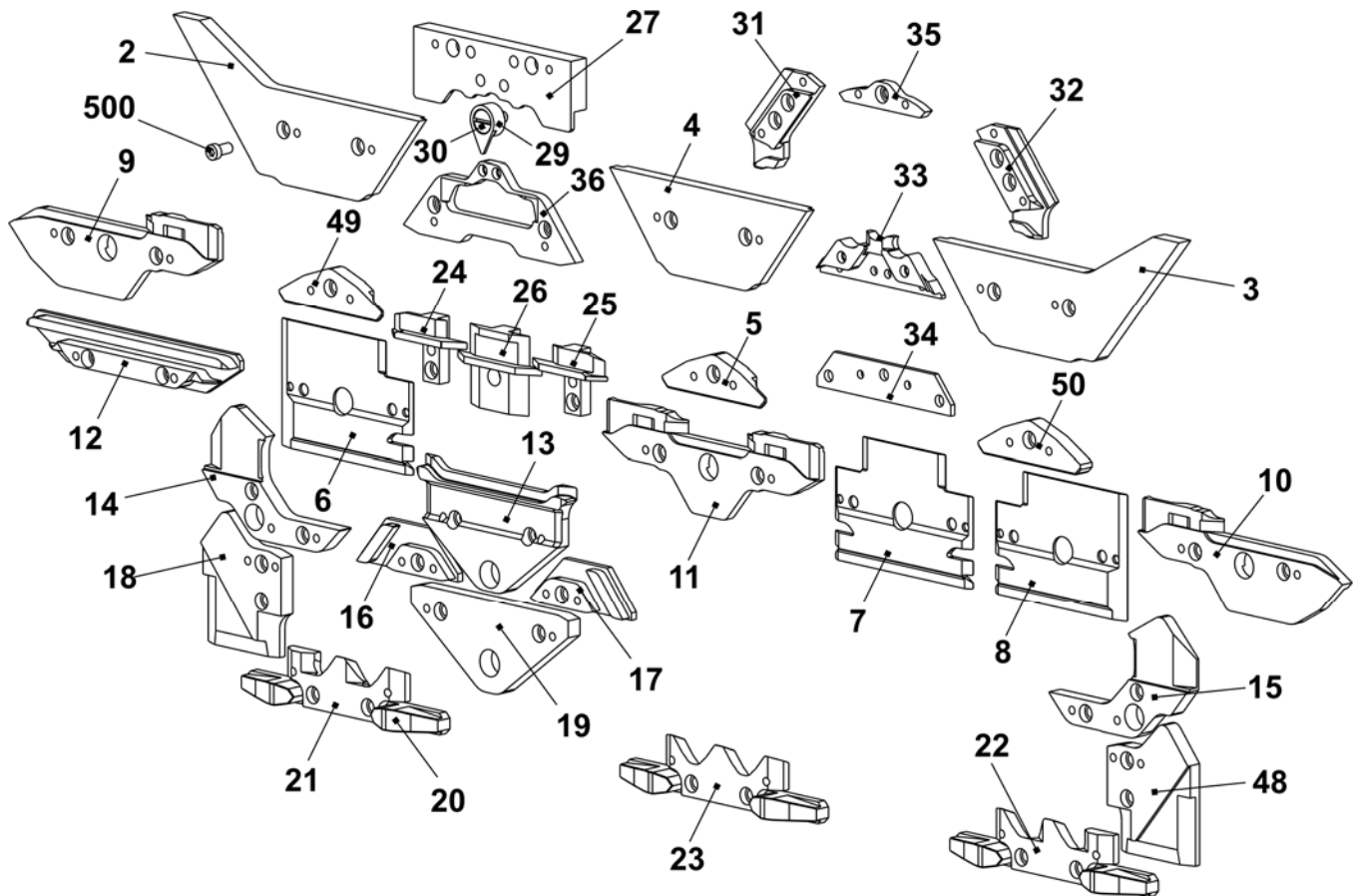
## Cam box E8.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E8.2</b>	<b>243 162</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E16 - E20	221 123	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E16 - E20	221 124	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791			
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			



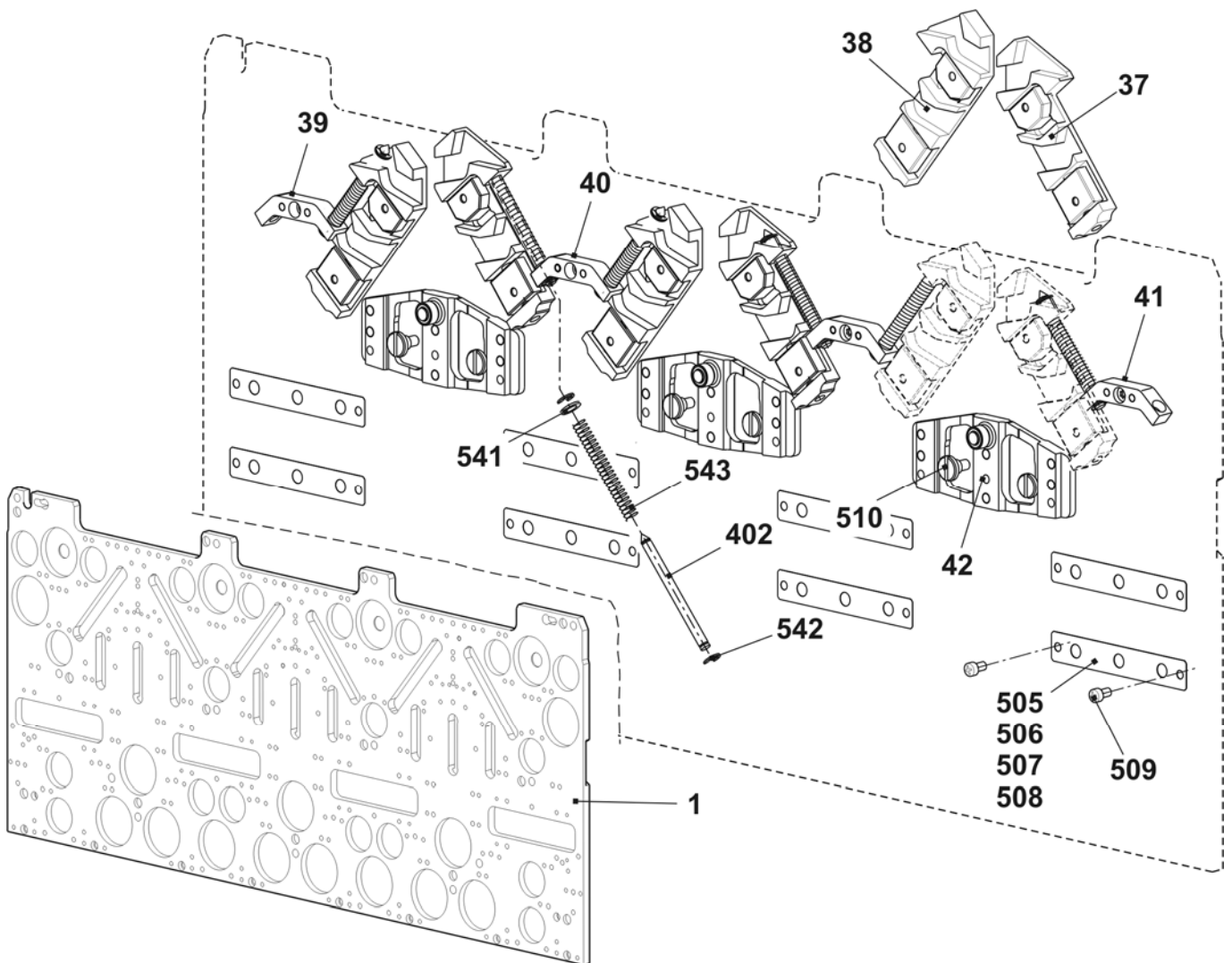
## Cams E8.2

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



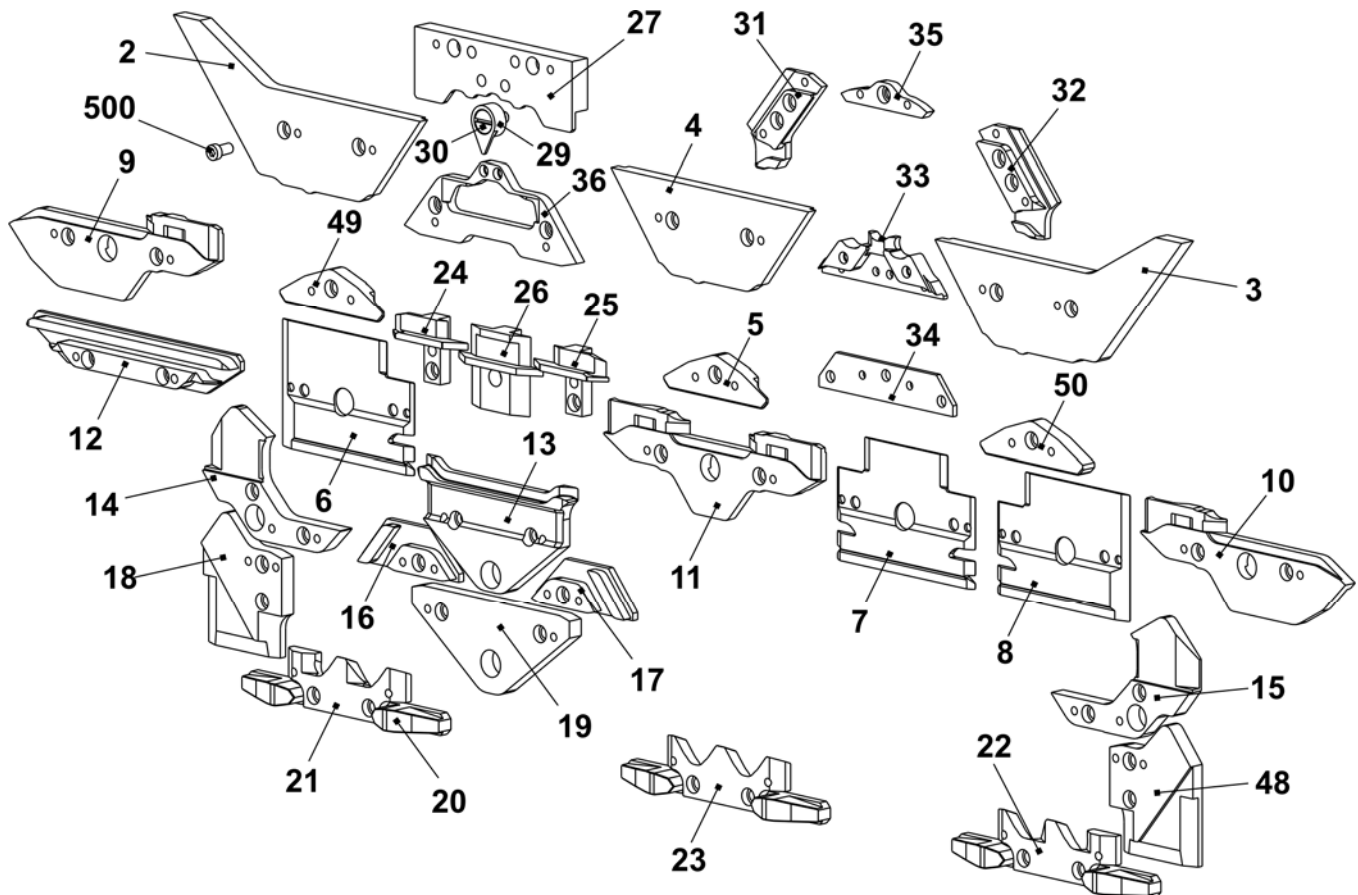
## Cam box E9.2

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Cam box complete E9.2</b>	<b>243 096</b>	42	Switching piece	240 281
1	Cam plate	240 371	505	Shim 0.03x12x75	022 828
37	Stitch forming cam on the right co. E16 - E20	221 123	506	Shim 0.05x12x75	022 829
38	Stitch forming cam on the left co. E16 - E20	221 124	507	Shim 0.1x12x75	022 830
39	Rod guide element on the left	211 165	508	Shim 0.2x12x75	022 831
40	Rod guide element in the middle	211 166	509	Countersunk screw M3x4	023 142
41	Rod guide element on the right	211 168	510	Shoulder screw	239 626
402	Spring rod	209 791			
541	Disc 4.3x7x0.5	022 153			
542	Circlip 3.2	021 019			
543	Spring	023 344			

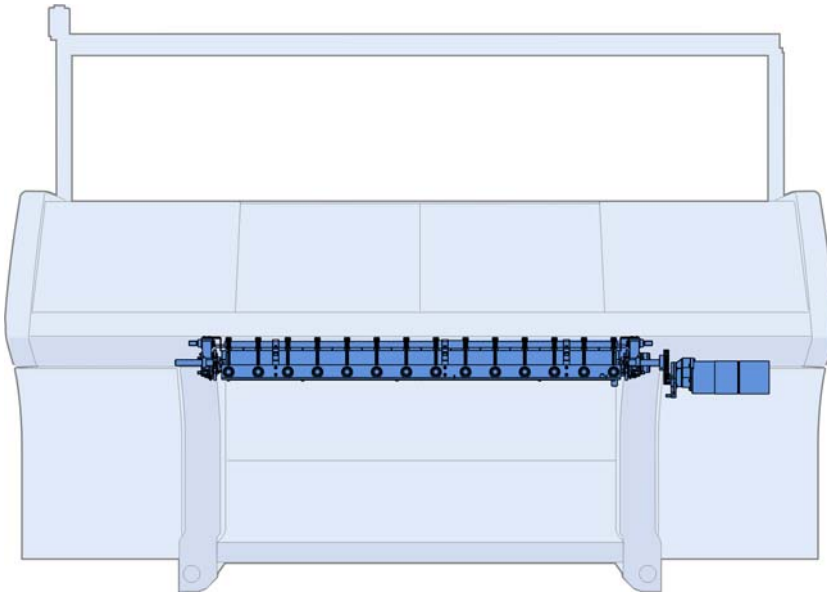


## Cams E9.2

Pos	Designation	Ident No	Pos	Designation	Ident No
2	Entry cam on the right E6.2 + E7.2 + E9.2	243 870	23	Selector cam	212 946
3	Entry cam at the top E6.2 + E7.2 + E9.2	243 872	24	Pressure part take-over on the left	239 848
4	Entry cam in the middle E6.2 + E7.2 + E9.2	243 871	25	Pressure part take-over on the right	239 849
5	Entry cam at the bottom -1.5 E10 - E14	216 328	26	Tuck pressure part	239 621
6	Plate on the left	230 988	27	Limit cam E9.2	228 978
7	Plate in the middle	231 035	29	Pointer E16 - E20	224 383
8	Plate on the right	231 036	30	Screw	210 335
9	Cam on the left	231 039	31	Stitch cam on the left E16 - E20	220 870
10	Cam on the right	231 041	32	Stitch cam on the right E16 - E20	220 871
11	Cam in the middle	231 040	33	Tuck limit cam E9.2	239 458
12	Cam	227 923	34	Raising cam plate E4-12	204 372
13	Cam	210 254	35	Receiving cam E9.2	228 977
14	Cam on the left E5 - E14	212 265	36	Raising cam without split E16 - E18 + E9.2	239 457
15	Cam on the right E5 - E14	212 266		Raising cam with split E16 - E18 + E9.2	239 742
16	Cam on the left	236 192		Accessory	
17	Cam on the right	236 193	48	Cam on the right E5 - E14	212 275
18	Cam on the left E5 - E14	212 274	49	Entry cam on the left -1.5 E10 - E14	216 329
19	Cam	210 252	50	Entry cam on the right -1.5 E10 - E14	216 330
20	Offering cam	210 185	500	Cap screw M4x8	020 091
21	Selector cam on the left	212 944			
22	Selector cam on the right	212 947			



# Main take-down



Take-down rollers and left bearing

Take-down motor and right bearing

Impulse giver and motor

Rear take-down roller

Front take-down roller

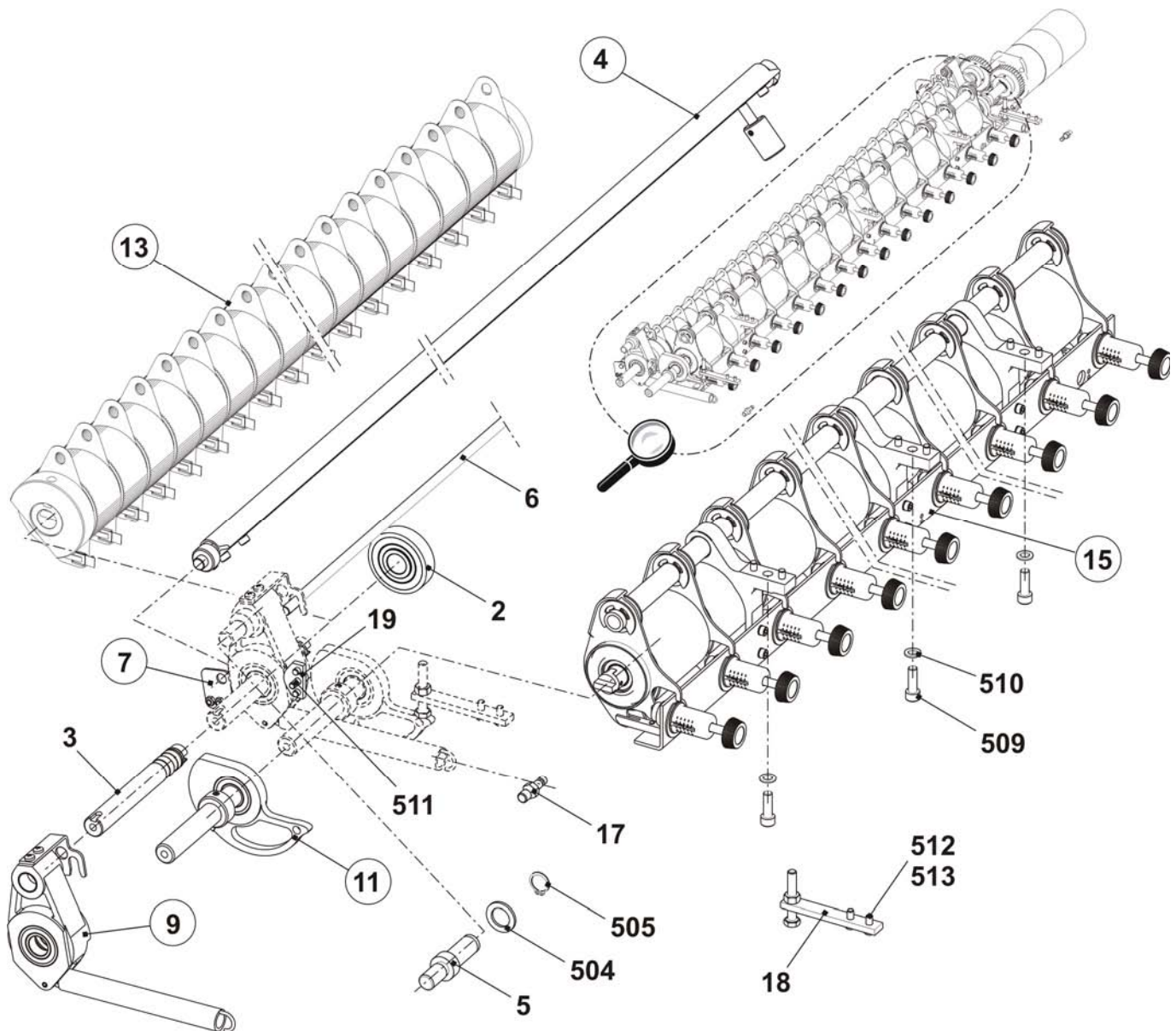
Mounting plate

Floating axle

Swivel-mounted bearing

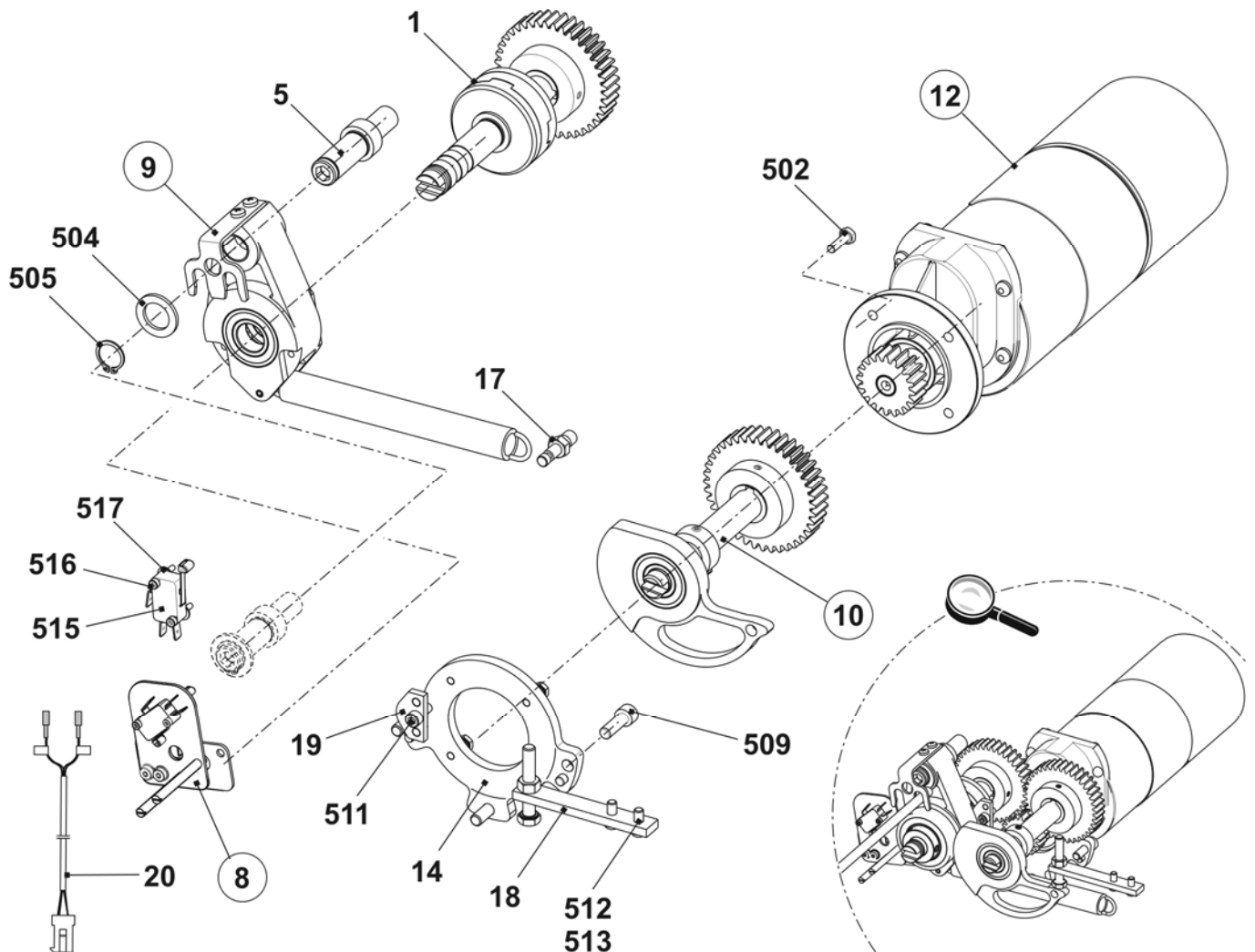
## Take-down rollers and left bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Main take-down complete</b>		13	Take-down roller at the rear complete	
	<b>E5 - E14 + E2,5.2 - E7.2</b>	<b>240 184</b>		E5 - E14 + E2,5.2 - E7.2	242 338
	<b>E16 - E18 + E8.2 - E9.2</b>	<b>241 576</b>		E16 - E18 + E8.2 - E9.2	242 787
2	Bearing race complete	221 168	15	Take-down roller at the front complete	241 426
3	Shaft on the left at the rear	221 012	17	Spring bolt	221 143
4	Stripper angle at the rear complete	240 125	18	Stop point	221 146
5	Bolt	208 538	19	Stop point	232 364
6	Rod	221 338	504	Washer 18-200	023 295
7	Mounting plate on the left complete	231 725	505	Locking ring 18x1.2	020 955
9	Swivel-mounted bearing	240 714	509	Cap screw M8x25-12.9	020 142
11	Floating axle on the left	221 174	510	Washer 8-200	020 883
			511	Cap screw M6x16	020 135
			512	Washer 6-200	020 881
			513	Countersunk screw M6x16	023 124



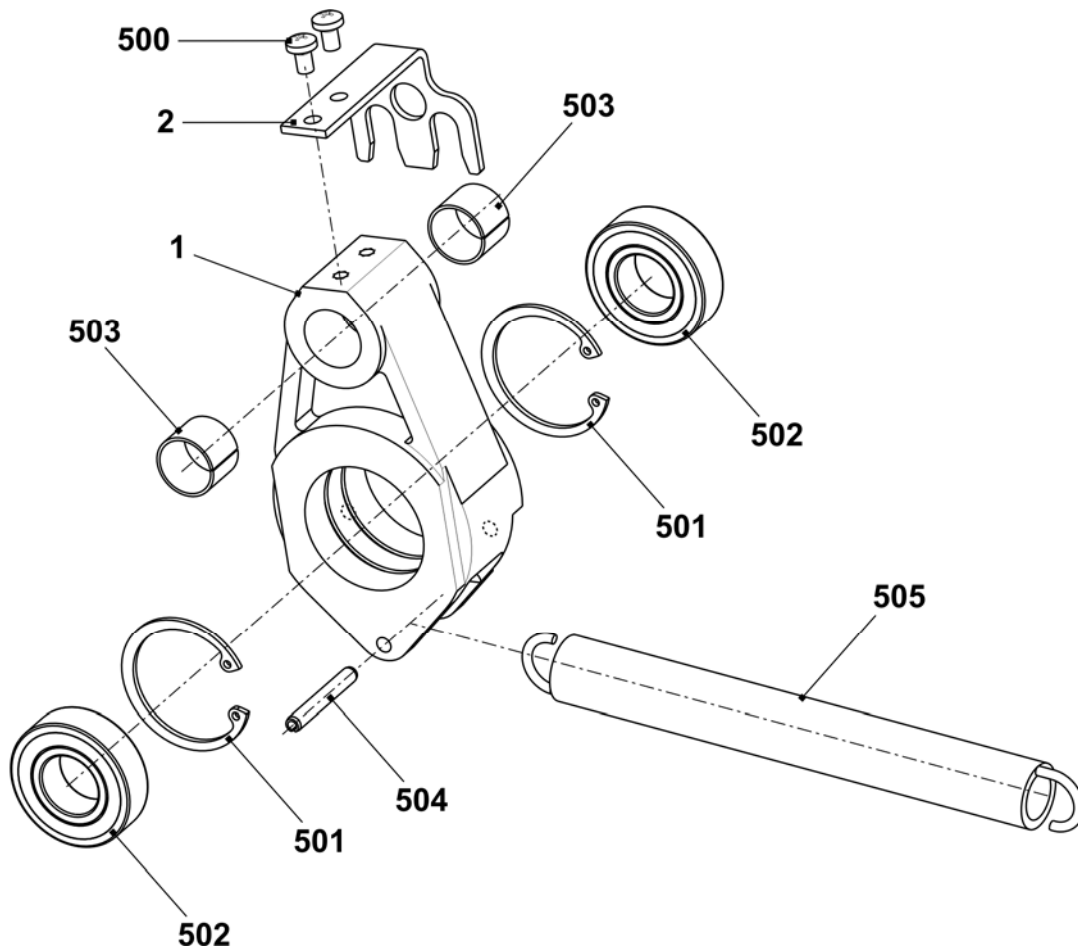
## Take-down motor and right bearing

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Clutch set	223 441	502	Hexagon screw M6X16	020 356
8	Mounting plate on the right complete	240 069	504	Washer 18-200	023 295
9	Swivel-mounted bearing	240 714	505	Locking ring 18x1.2	020 955
10	Floating axle on the right	223 442	509	Cap screw M8x25-12.9	020 142
12	Motor take-down + comb	214 279	511	Cap screw M6x16	020 135
14	Flange	241 754	512	Washer 6-200	020 881
17	Spring bolt	221 143	513	Countersunk screw M6x16	023 124
18	Stop point	221 146	515	Microswitch Xgk2-S21 250	210 510
19	Stop point	232 364	516	Cap screw M3x20	023 221
20	Cable winding plate OKC	241 703	517	Washer 3-200	023 657



## Swivel-mounted bearing

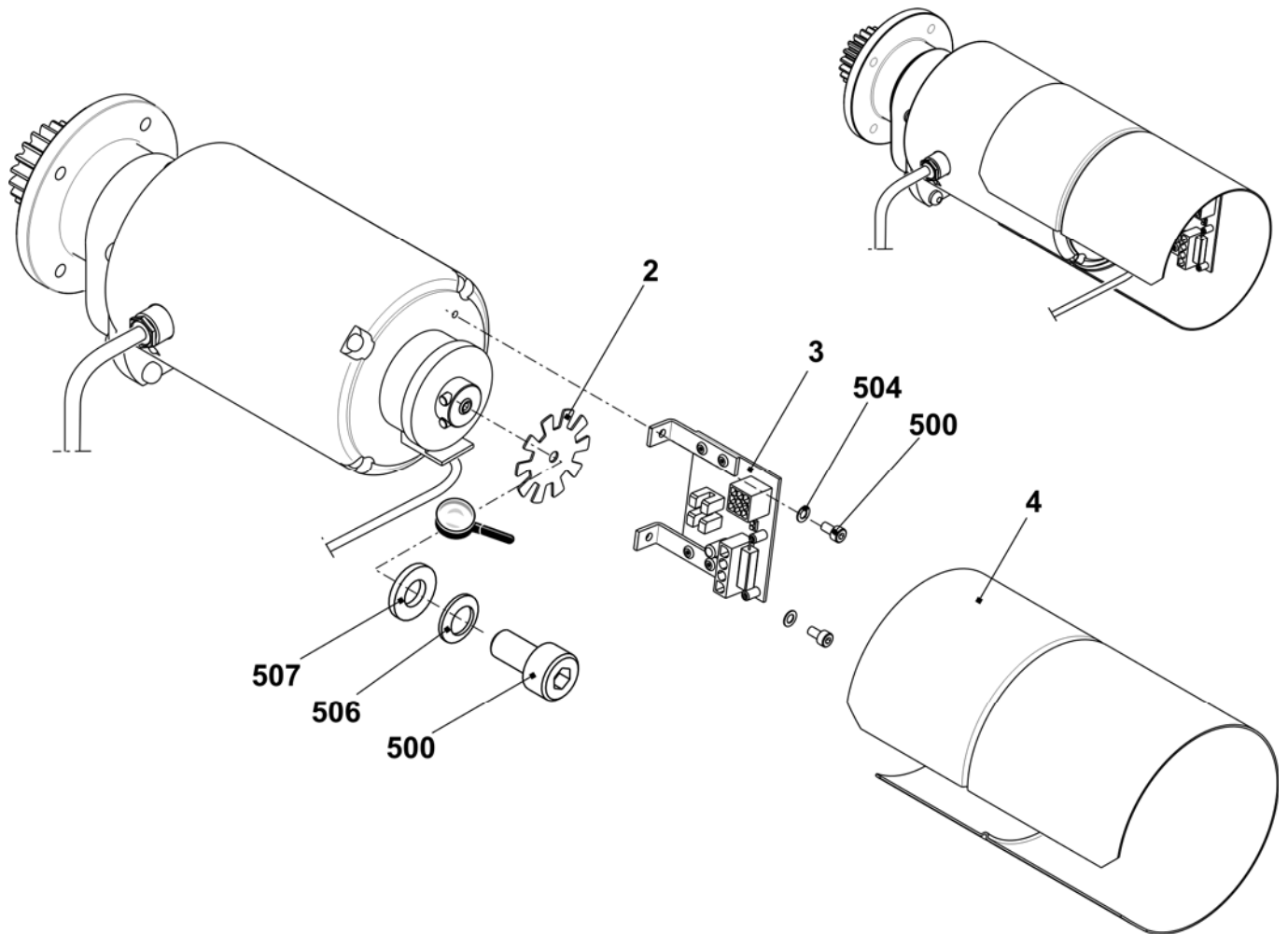
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Swivel-mounted bearing</b>	<b>240 714</b>	502	Ball bearing 6004-2Z	022 720
1	Lever	221 081	503	Slide bearing 18x20x15	022 951
2	Sheet metal support	209 393	504	Spring dowel sleeve 5x36	023 150
500	Countersunk screw M5x8	022 779	505	Tension spring 21x3.0x192	240 217
501	Locking ring 42x1.75	023 293			





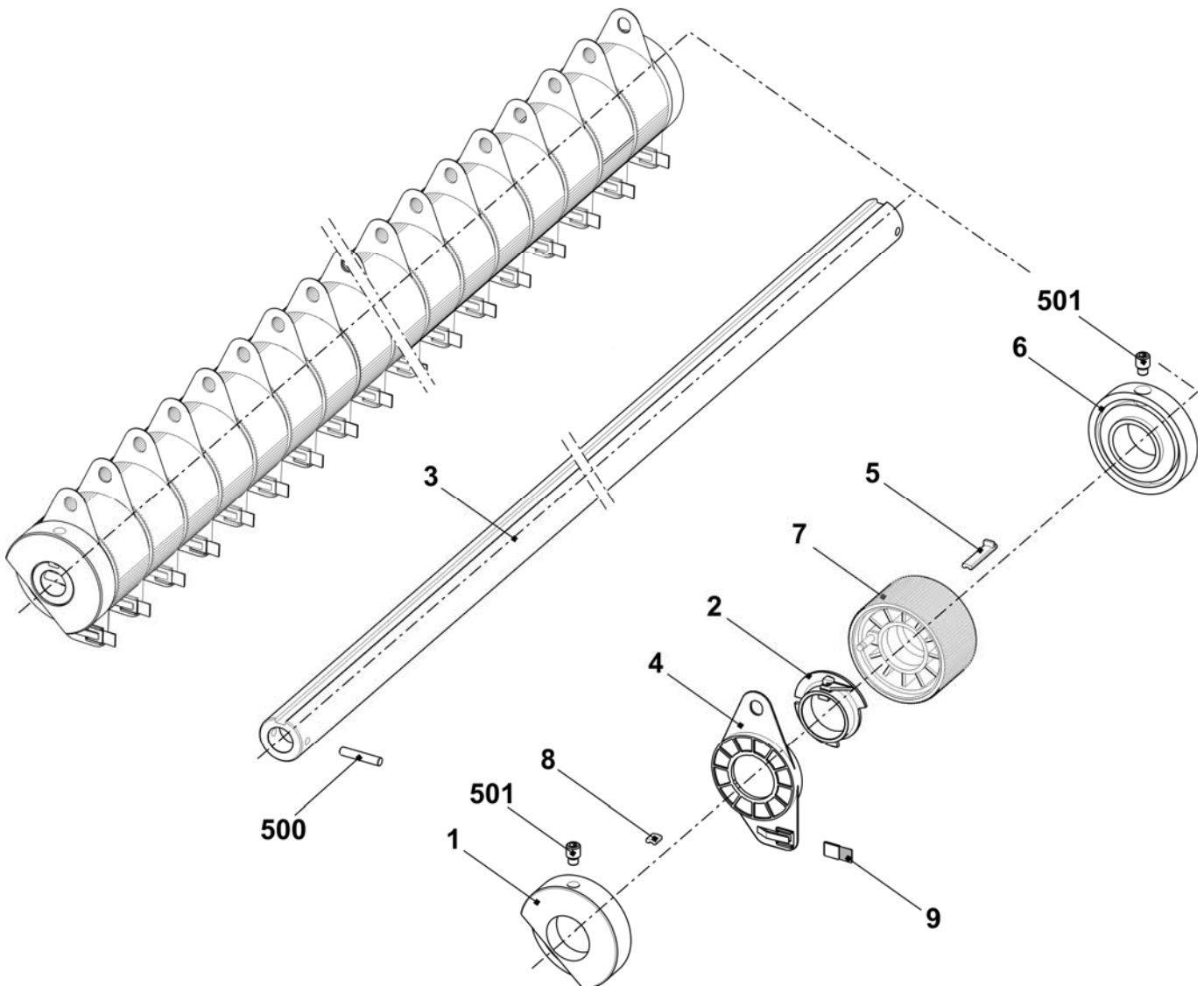
## Impulse giver and motor

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Motor take-down unit + comb</b>	<b>214 279</b>	500	Cap screw M4x8	022 501
2	Impulse disc	208 716	504	Washer 4-200	020 879
3	Photoelectric sensor take-down + comb	300 744	506	Circlip	022 774
4	Cover	212 262	507	Shim ring 4x8x1	023 369



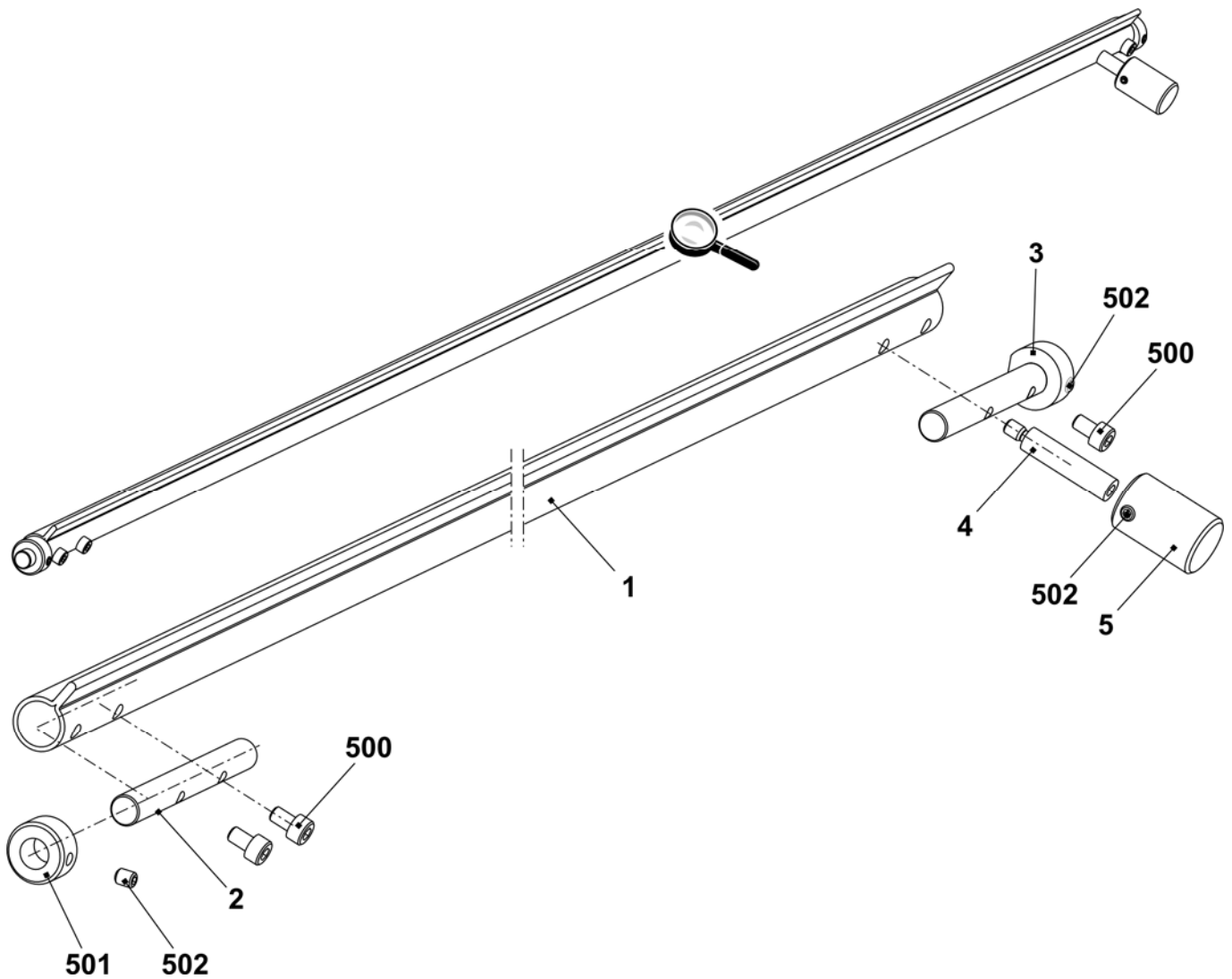
## Rear take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Take-down roller at the rear complete</b>		6	Ring on the right	250 574
	<b>E5 - E14 + E2,5.2 - E7.2</b>	<b>242 338</b>	7	Roller checkered E5 - E14 + E2,5.2 - E7.2	206 770
	<b>E16 - E18 + E8.2 - E9.2</b>	<b>242 787</b>		Roller plain E16 - E18 + E8.2 - E9.2	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	500	Setting pin 6x32	020 685
4	Stripper	241 612	501	Set screw M10x15-4	020 635
5	Spacer slide	240 104			



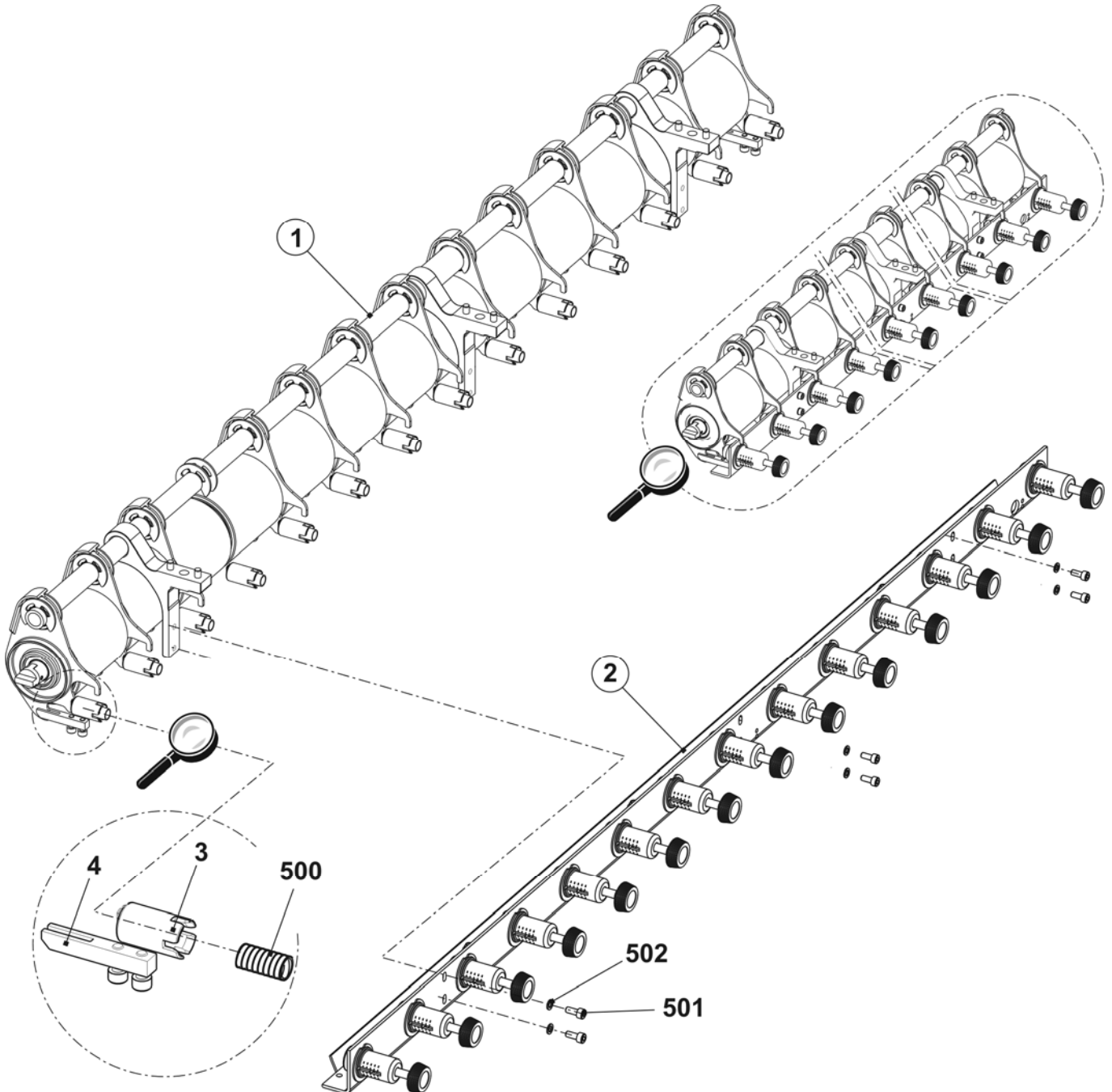
## Stripper angle

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Stripper angle at the rear complete</b>	<b>240 125</b>			
1	Stripper angle	240 126	5	Setting 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



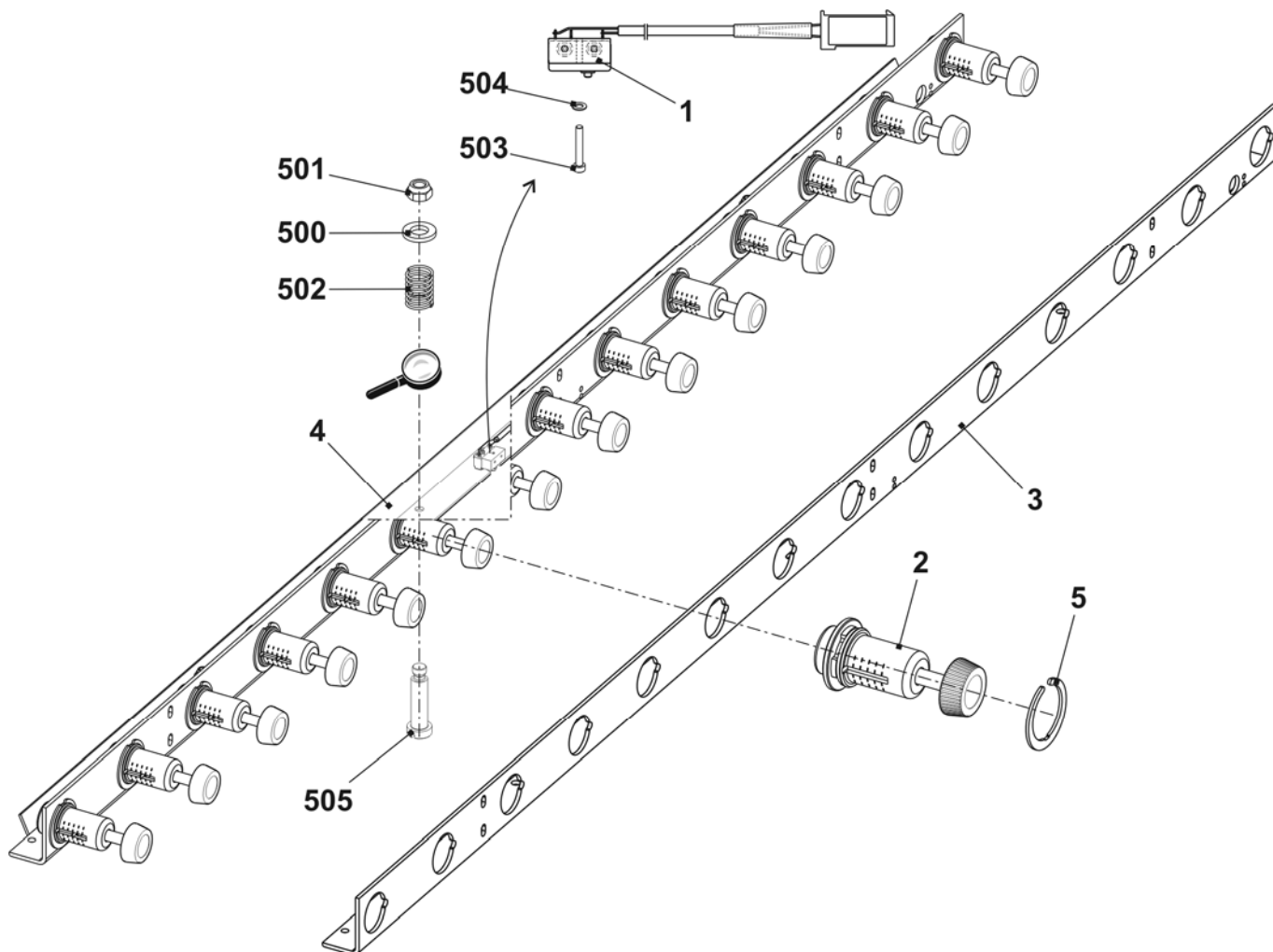
# Front take-down roller

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Take-down roller at the front complete</b>	<b>241 426</b>	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	Washer 5-200	020 880



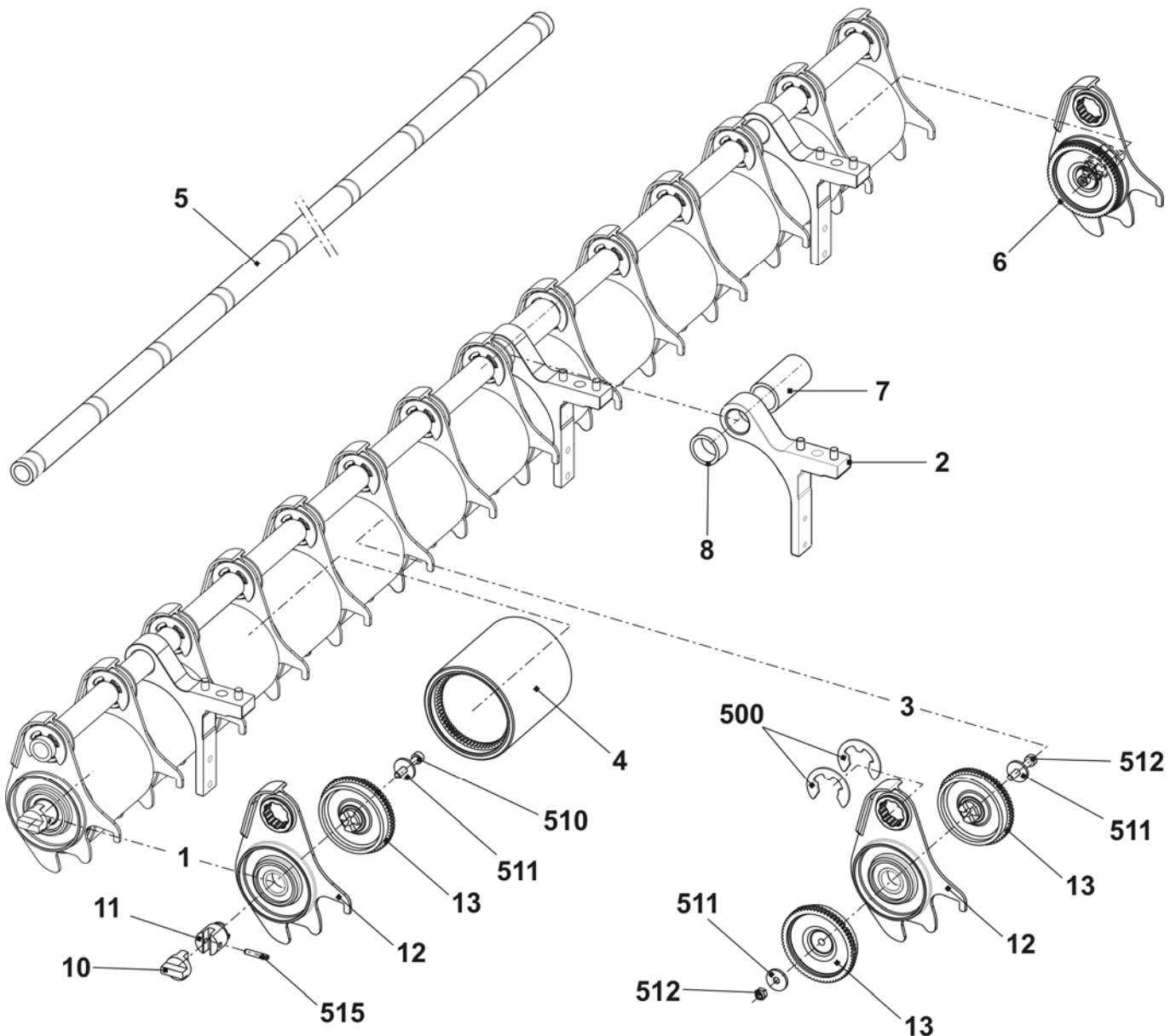
## Pressure angle rail

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Angle rail complete</b>	<b>241 425</b>	500	Washer 6-200	022 431
1	Switch complete with cable	221 265	501	Hexagon nut M5-8	023 541
2	Spring flange	242 327	502	Compression spring 0.8x9.2x27.5	023 537
3	Angle rail	241 773	503	Cap screw M2x12	023 522
4	Winding plate	221 101	504	Washer 2-200	022 908
5	Locking ring	242 325	505	Shoulder screw M5x20x5	023 675



## Front roller elements

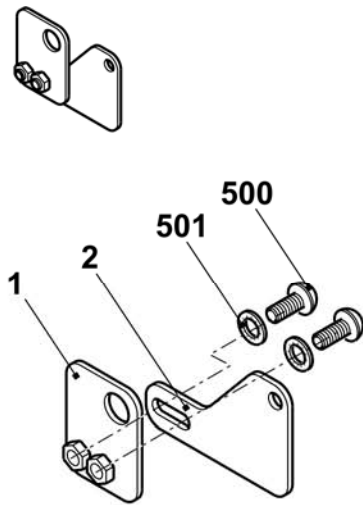
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Take-down roller at the front</b>	<b>221 243</b>	4	Roller	220 905
1	Bearing support on the left complete	221 225	5	Tube	221 092
10	Universal joint	221 137	6	Bearing support on the right complete	221 240
11	Adaptor	221 132	10	Universal joint	221 137
12	Bearing support	220 913	11	Adaptor	221 132
13	Gear wheel	220 910	12	Bearing support	220 913
510	Cap screw M5x20	020 133	13	Gear wheel	220 910
511	Washer 5-100hv	023 542	510	Cap screw M5x20	020 133
515	Spring dowel sleeve 4x20	023 551	511	Washer 5-100hv	023 542
2	Support	221 089	515	Spring dowel sleeve 4x20	023 551
3	Bearing support complete	221 241	7	Distance pipe on the right	221 920
12	Bearing support	220 913	8	Distance pipe on the left	221 919
13	Gear wheel	220 910	500	Circlip	021 025
511	Washer 5-100hv	023 542			
512	Cap screw M5x30	022 396			



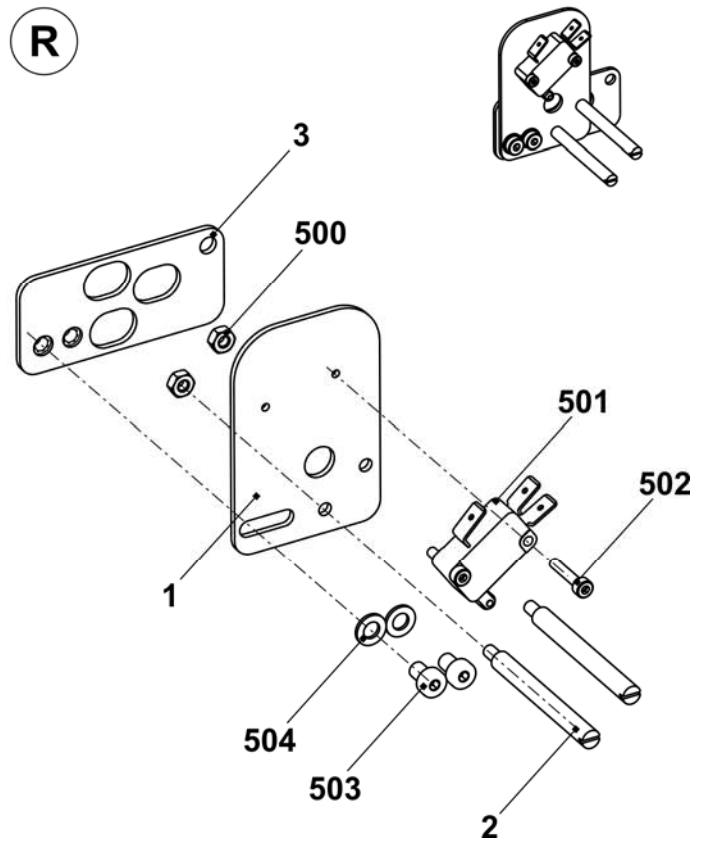
## Mounting plate

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ L</b>	<b>Mounting plate on the left complete</b>	<b>231 725</b>	<b>Σ R</b>	<b>Mounting plate on the right complete</b>	<b>240 069</b>
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	Shoulder screw M3x16	022 583
			503	Cap screw M5x8	244 278
			504	Washer 5-200	020 871

**L**

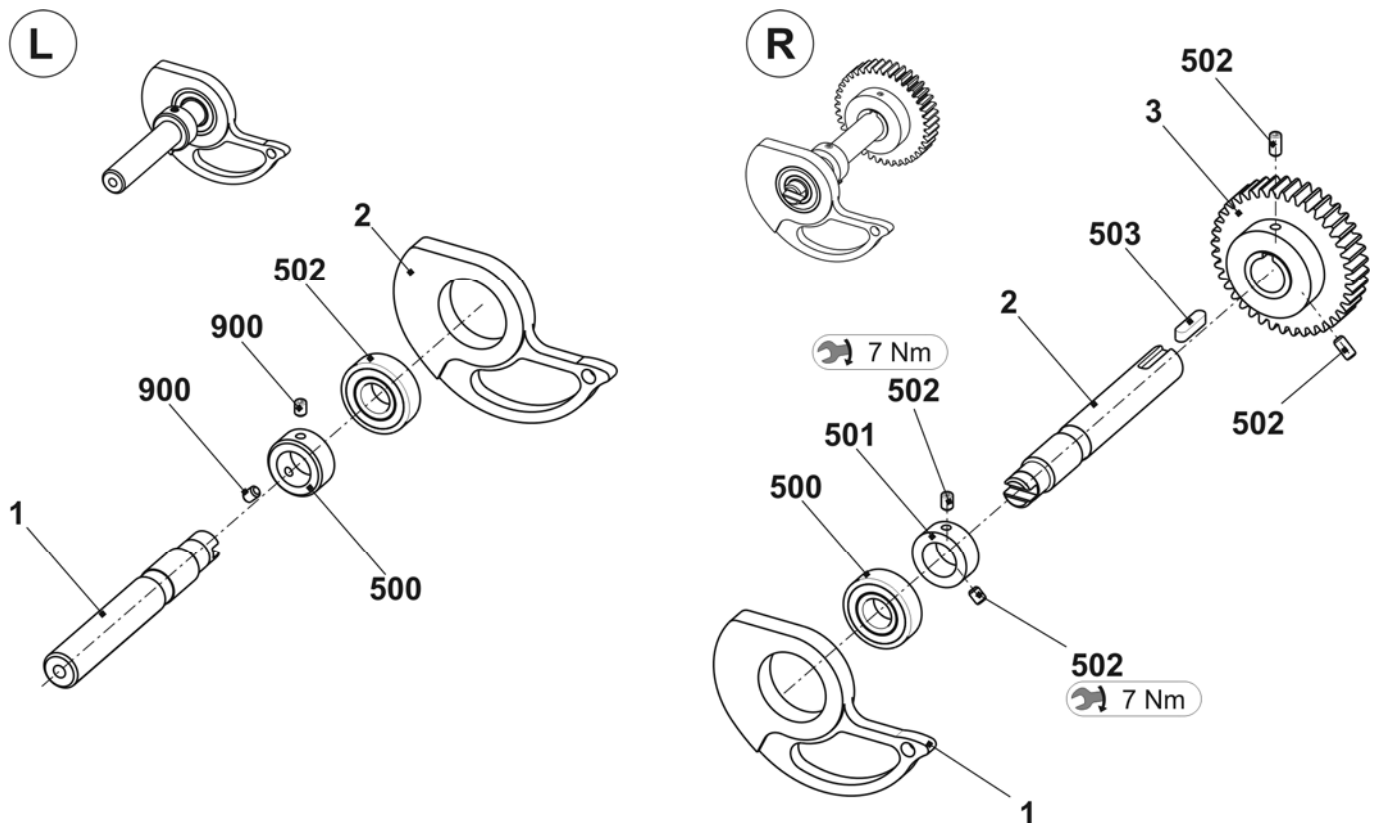


**R**



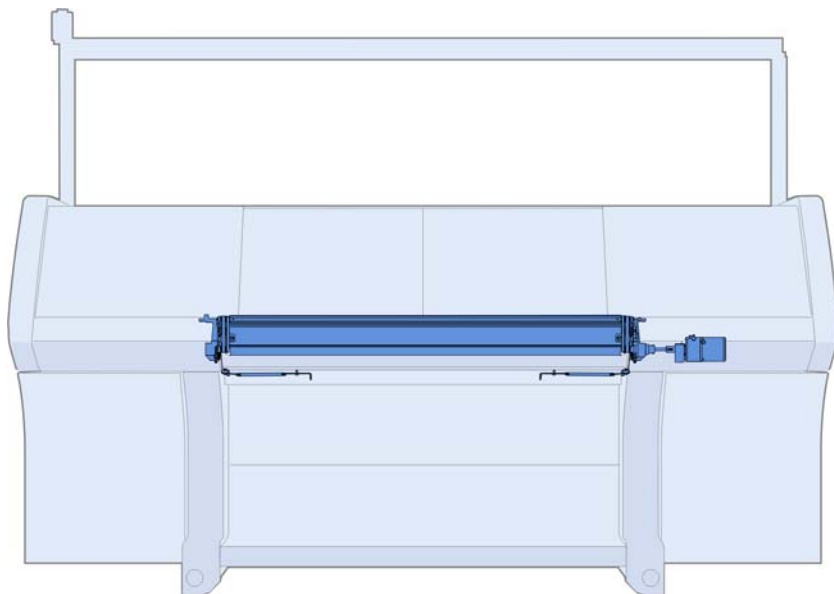
## Floating axle

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ A</b>	<b>Floating axle on the left</b>	<b>221 174</b>	<b>Σ B</b>	<b>Floating axle on the right</b>	<b>223 442</b>
1	Shaft on the left at the front	221 013	1	Eccentric	220 998
2	Eccentric	220 998	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



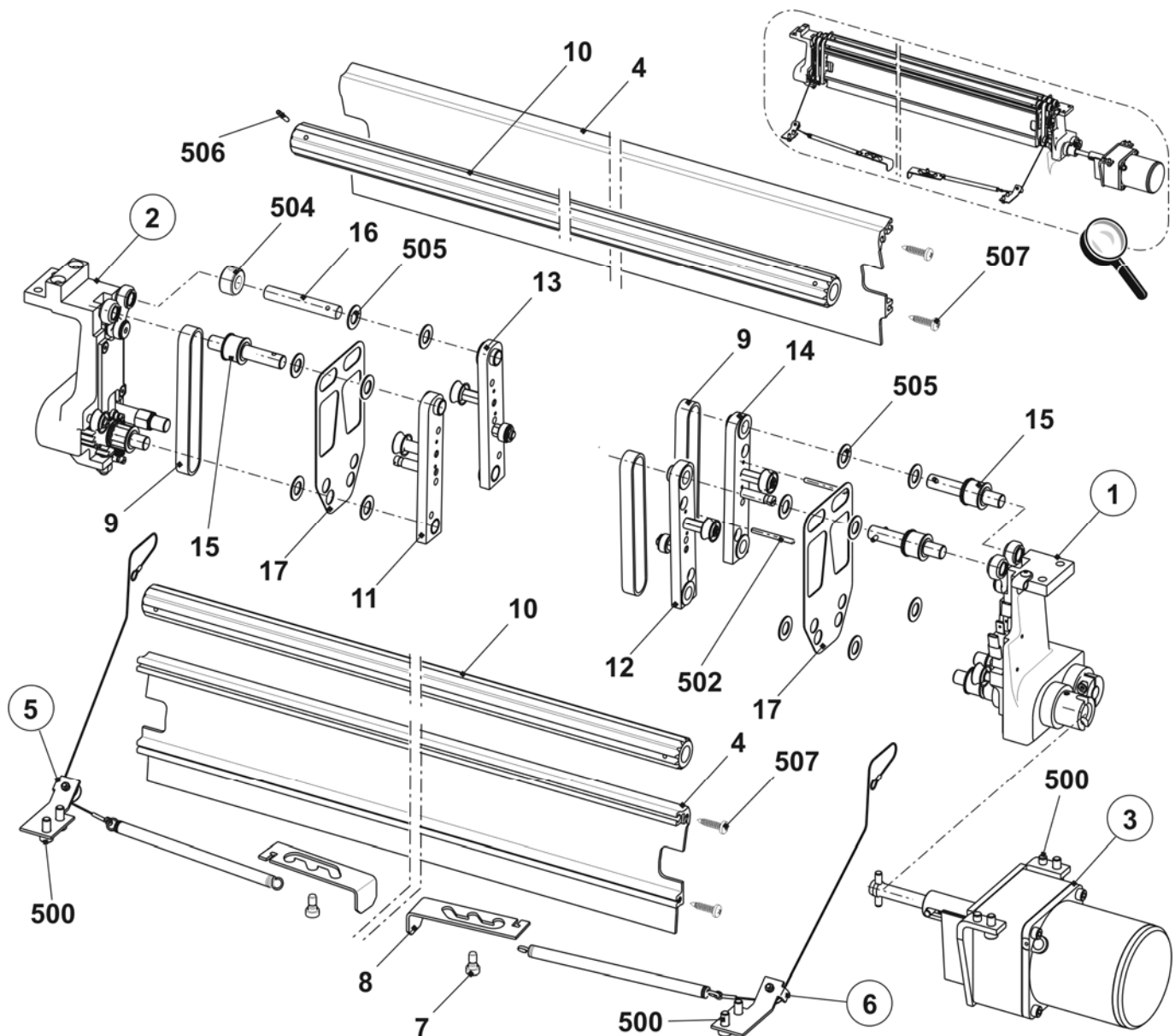


## Auxiliary take-down



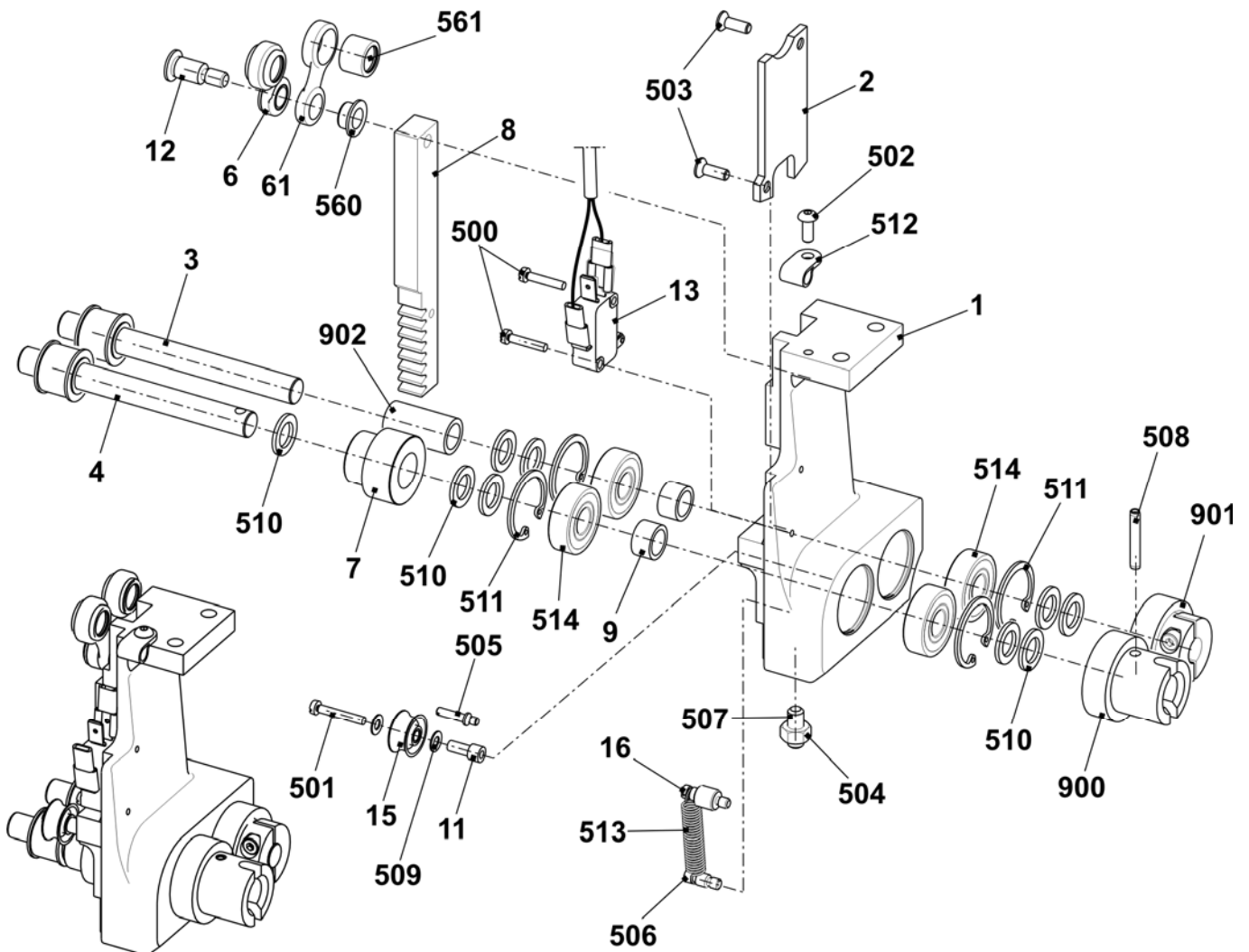
## Auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Auxiliary take-down</b>	<b>240 002</b>	12	Lever at the front on the right	227 262
1	Bearing on the right complete	239 996	13	Lever at the rear on the left	227 261
2	Bearing on the left complete	239 999	14	Lever at the rear on the right	227 260
3	Take-down motor co. auxiliary take-down	214 449	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	500	Cap screw M6x12	020 134
7	Shoulder screw	207 101	502	Shoulder screw M3x27x32	023 634
8	Detent plate	222 040	504	Set collar	020 934
9	Toothed belt 10T5/260	208 832	505	Stop disc	023 646
10	Take-down roller	224 891	506	Spring dowel sleeve 3x20	020 776
11	Lever at the front on the left	227 263	507	Sheet metal screw St4.8x22-	023 259



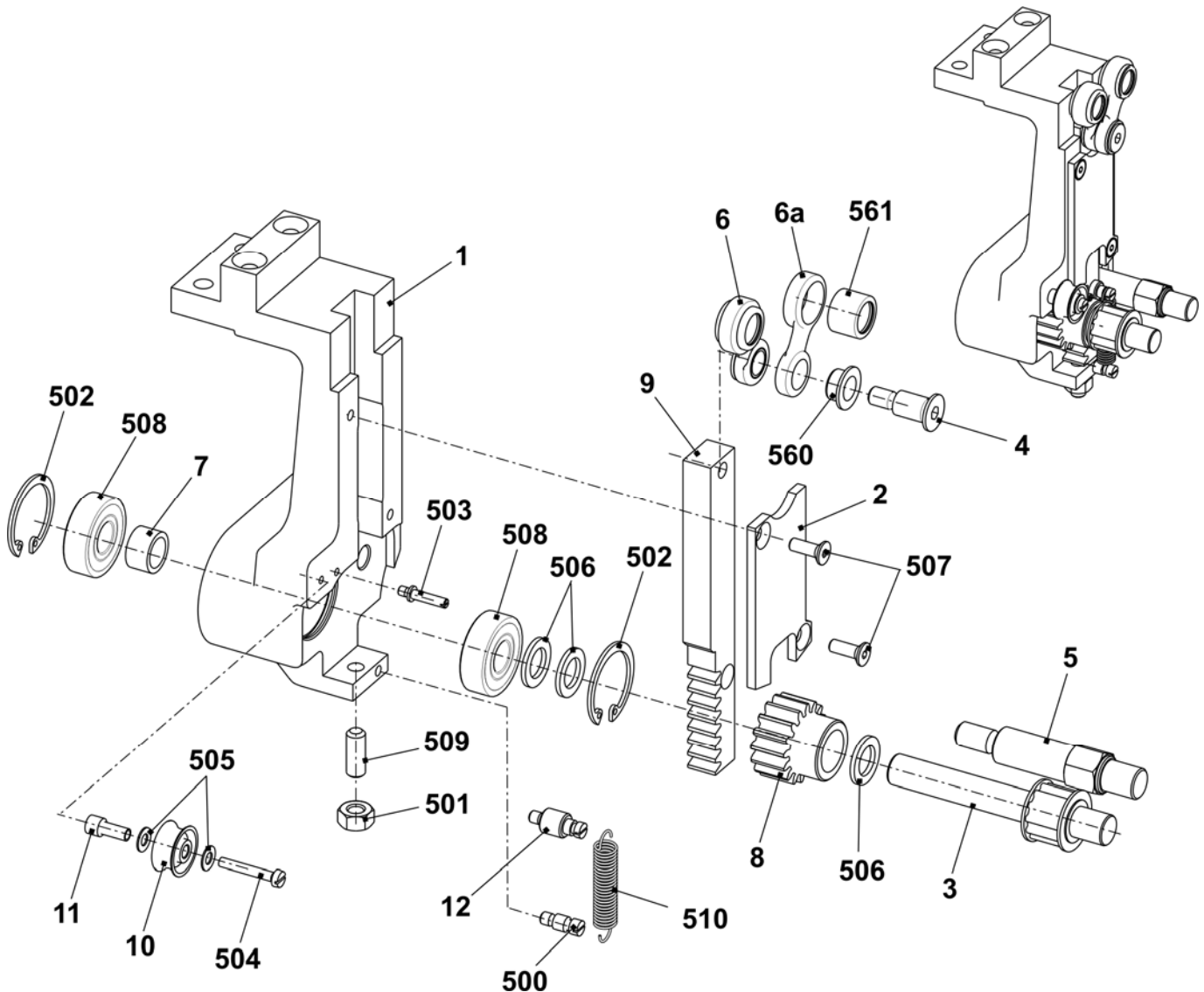
## Right bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Bearing on the right complete</b>	<b>239 996</b>			
1	Bearing block on the right	239 967	501	Cap screw M3x20	022 448
2	Cover	224 881	502	Countersunk screw M4x10	023 450
3	Drive shaft complete	227 857	503	Countersunk head screw M4x12	023 062
4	Drive shaft complete	227 853	504	Hexagon nut M6-6	020 836
6	Connecting rod complete	226 710	505	Threaded bolt with shoulder	243 226
61	Connecting rod	226 696	506	Shoulder screw M4x9x14	020 602
560	Slide bearing GFM-081014-06	023 358	507	Set screw M6x16-45	023 092
561	Needle roller bearing HK1010	023 664	508	Spiral pin 4x24	023 544
7	Gear wheel on the right complete	218 524	509	Adjusting washer 4x8x0.5	023 384
8	Gear rack on the right	239 218	510	Adjusting washer 10x16x1.5	023 261
9	Spacer	229 683	511	Locking ring 26x1.2	023 359
11	Sleeve	239 997	512	Cable clip 255/5.2	008 335
12	Collar bolt	210 551	513	Tension spring 7.5x0.7x28	023 595
13	Cable with switch auxiliary take-down okc	243 142	514	Ball bearing 6000-2Z	022 599
15	Roller deflector	218 805	900	Gear wheel M=1.5, Z=20	213 880
16	Shoulder screw	239 215	901	Gear wheel M=1.5, Z=20	210 504
500	Shoulder screw M3x16	022 560	902	Sleeve	227 257



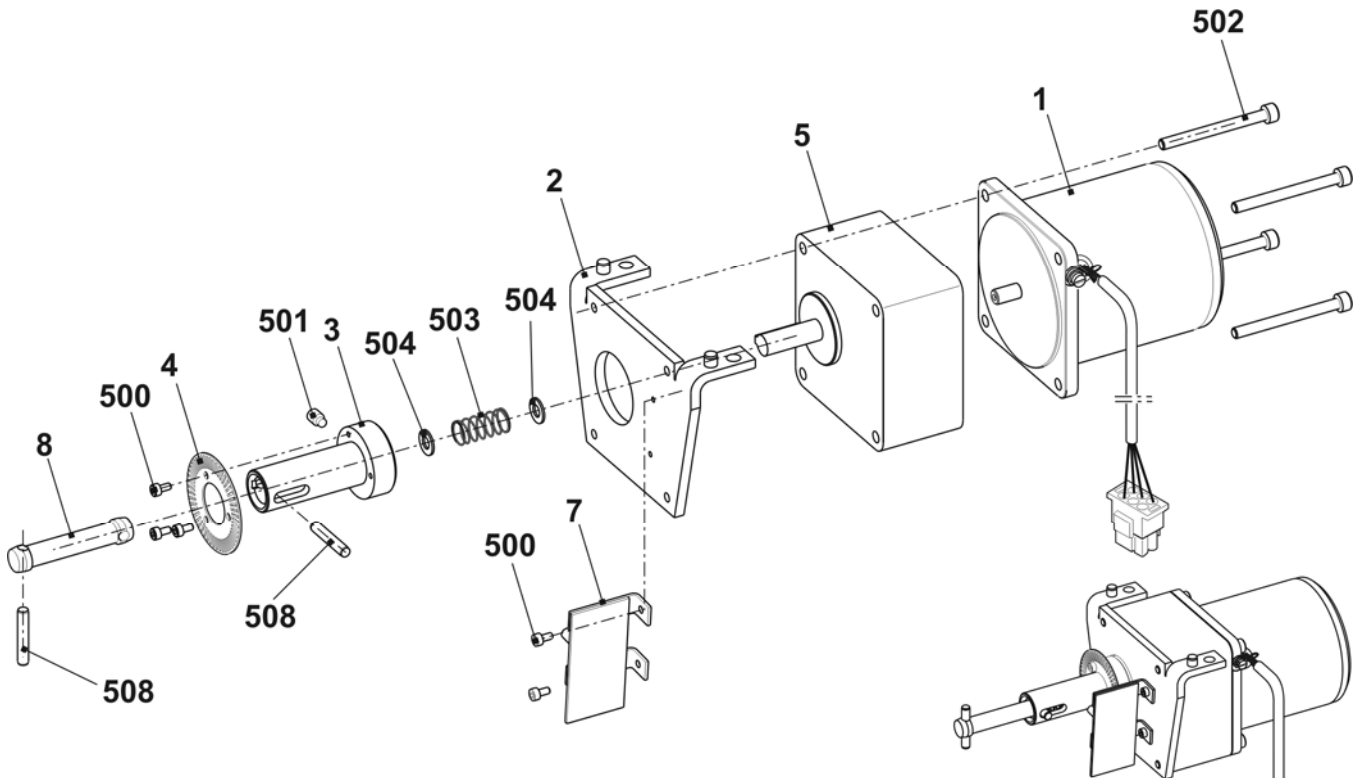
## Left bearing of the auxiliary take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Bearing on the left</b>	<b>239 999</b>	11	Sleeve	239 997
1	Bearing block on the left	240 001	12	Shoulder screw	239 215
2	Cover	224 881	500	Shoulder screw M4x9x14	020 602
3	Drive shaft complete	227 887	501	Hexagon nut M6-6	020 836
4	Collar bolt	210 551	502	Locking ring 26x1.2	023 359
5	Bolt	226 705	503	Threaded bolt with shoulder	243 226
6	Connecting rod complete	226 710	504	Cap screw M3x20	022 448
6a	Connecting rod	226 696	505	Adjusting washer 4x8x0.5	023 384
560	Slide bearing GFM-081014-06	023 358	506	Adjusting washer 10x16x1.5	023 261
561	Needle roller bearing HK1010	023 664	507	Countersunk head screw M4x12	023 062
7	Spacer	229 683	508	Ball bearing 6000-2Z	022 599
8	Gear wheel on the left complete	218 523	509	Set screw M6x16-45	023 092
9	Gear rack on the left	239 216	510	Tension spring 7.5x0.7x28	023 595
10	Roller deflector	218 805			



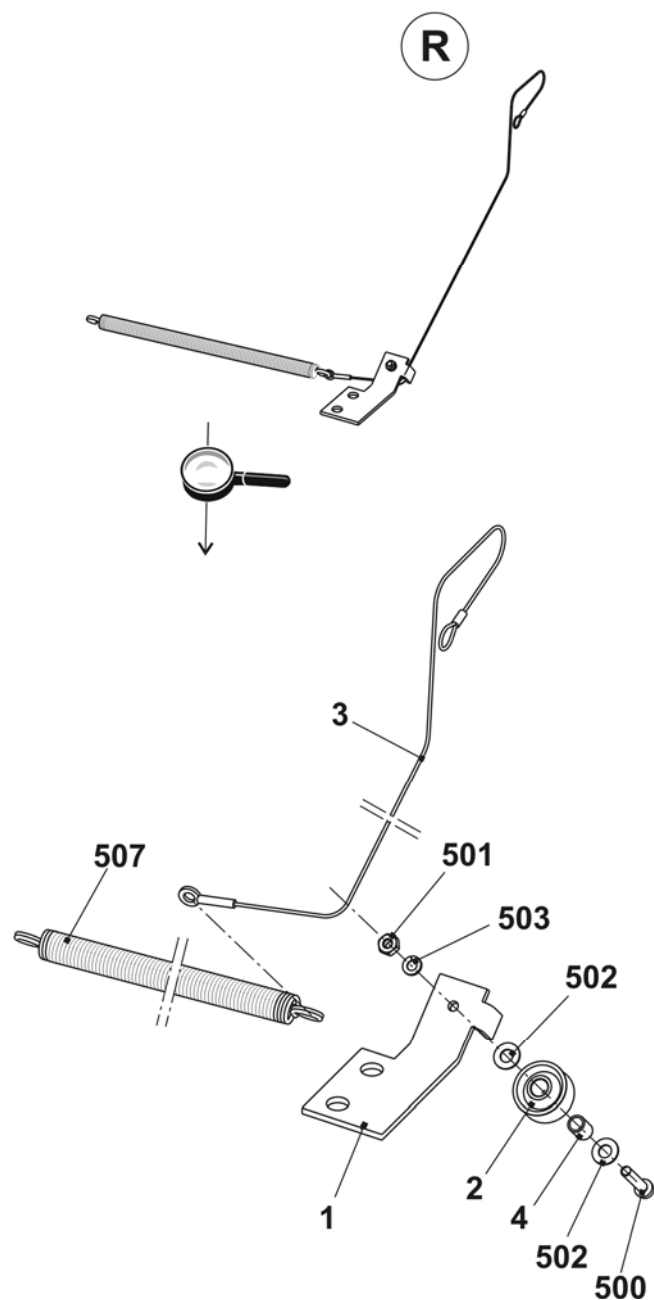
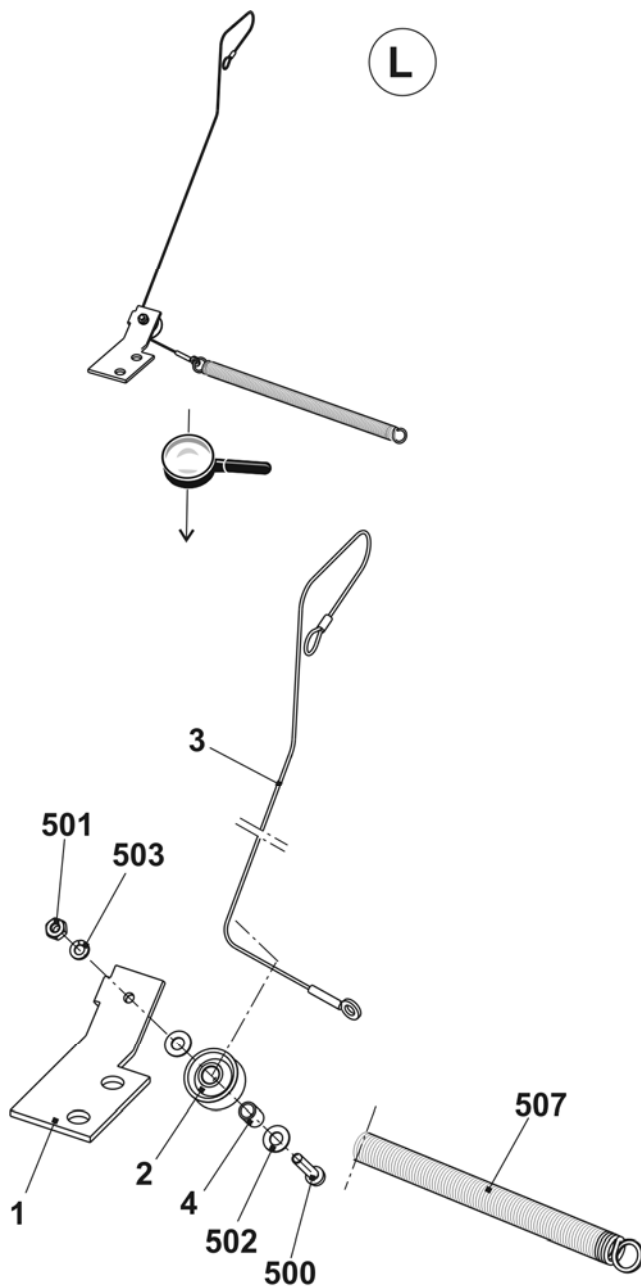
## Motor

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Motor auxiliary take-down complete</b>	<b>214 449</b>	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



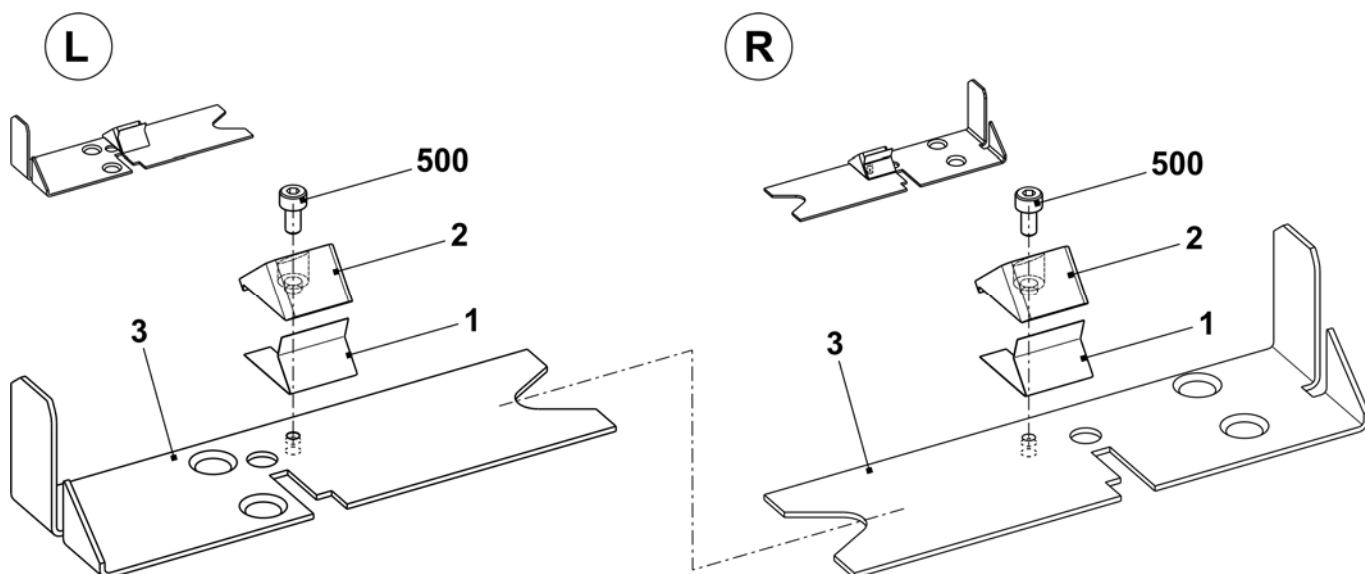
## Angular sheet metal on the left and right complete

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ L</b>	<b>Angular sheet metal on the left co.</b>	<b>225 013</b>	<b>Σ R</b>	<b>Angular sheet metal on the right co.</b>	<b>225 014</b>
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 cable	224 977	3	Fine cable	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

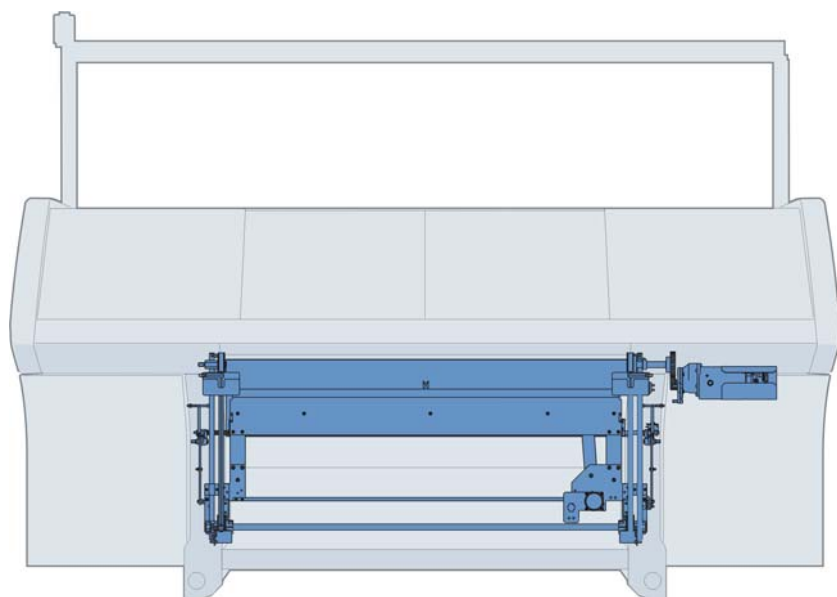


## Yarn brake at clamping/cutting bed

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ L</b>	<b>Yarn brake</b>	<b>240 019</b>	<b>Σ R</b>	<b>Yarn brake</b>	<b>240 021</b>
1	Leaf spring	232 164	1	Cover on the right	240 022
2	Clamping part	232 165	2	Leaf spring	232 164
3	Cover on the left	240 020	3	Clamping part	232 165
500	Cap screw M4x8	022 501	500	Cap screw M4x8	022 501



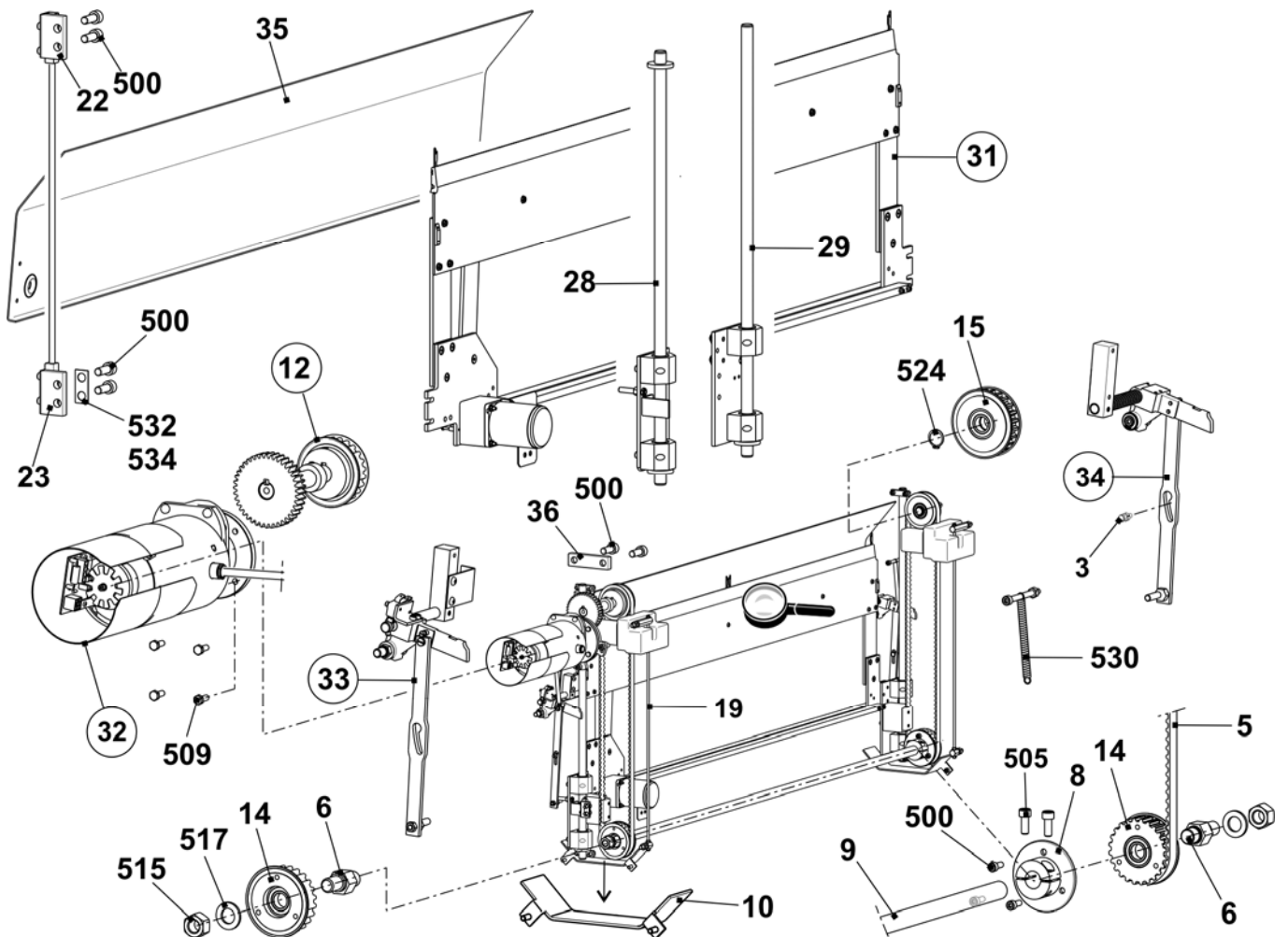
# Comb take-down





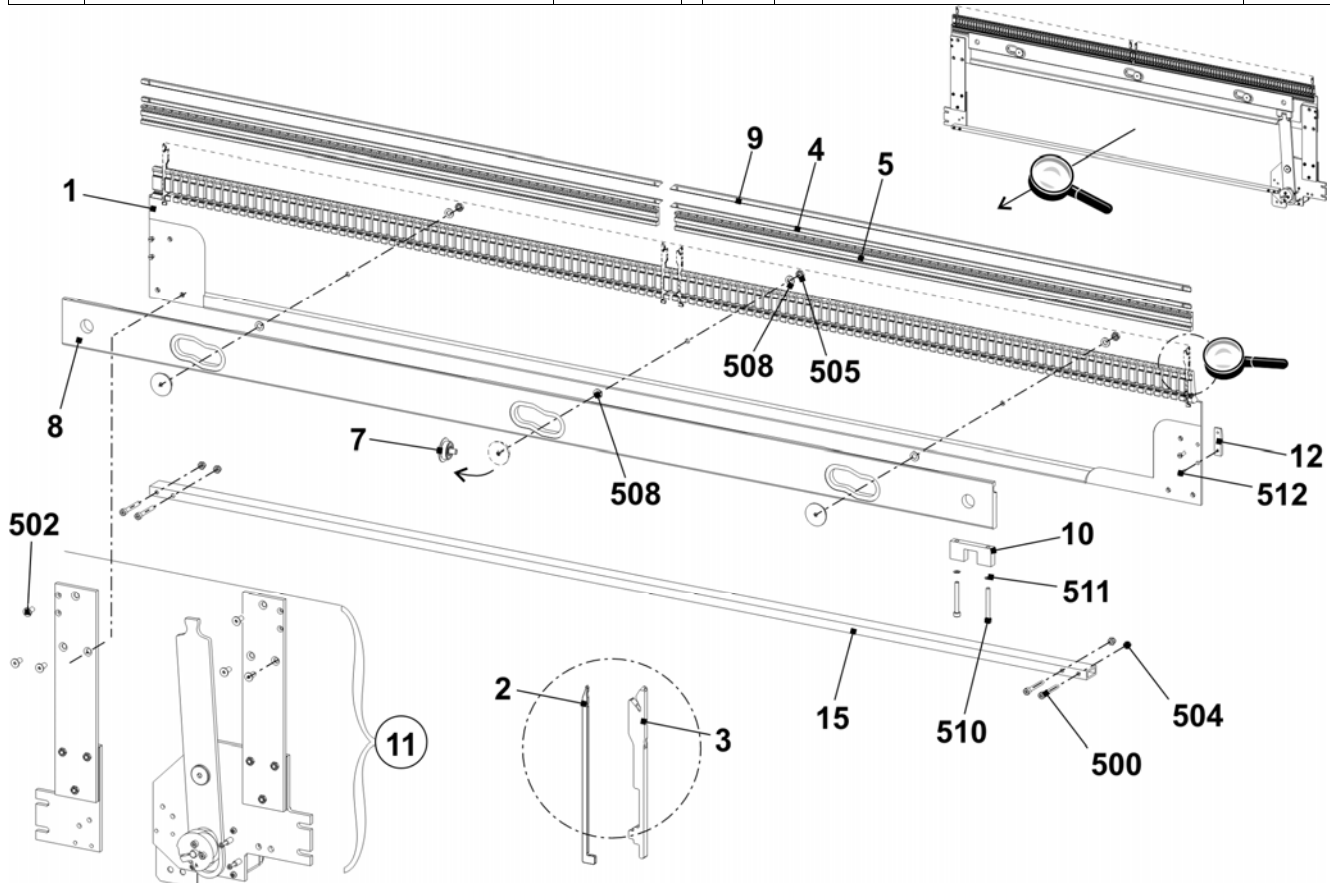
## Comb take-down

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Comb take-down</b>		29	Comb guide on the right	240 109
	<b>E5 + E5m.4 + E2,5.2</b>	<b>241 537</b>	31	Comb unit	
	<b>E7 + E7m.5 + E7m.8 + E3,5.2</b>	<b>241 538</b>		E5 + E5m.4 + E2,5.2	241 530
	<b>E8 + E8m.7</b>	<b>241 539</b>		E7 + E7m.5 + E7m.8 + E3,5.2	241 531
	<b>E10 + E10m.12 + E5.2</b>	<b>241 540</b>		E8 + E8m.7	241 532
	<b>E12 + E6.2(12m.10) + E6.2</b>	<b>240 160</b>		E10 + E10m.12 + E5.2	241 533
	<b>E14 + E14/12 + E7.2</b>	<b>241 541</b>		E12 + E6.2(12m.10) + E6.2	240 061
	<b>E16 + E8.2</b>	<b>241 542</b>		E14 + E14/12 + E7.2	241 534
	<b>E18 + E9.2</b>	<b>241 543</b>		E16 + E8.2	241 535
3	Bolt	222 152		E18 + E9.2	241 536
5	Toothed belt	240 065	32	Motor take-down + comb	214 279
6	Eccentric pin	222 320	33	Swivel lever on the right	252 858
8	Flange	207 695	34	Swivel lever on the left	252 859
9	Shaft long	213 968	35	Guide plate	252 828
10	Protective plate	240 055	36	Clamping plate	227 159
12	Drive shaft comb complete	214 583	500	Cap screw M6x16	020 135
14	Timing belt pulley at the bottom complete	211 822	505	Cap screw M8X20	020 141
15	Timing belt pulley at the top complete	211 823	509	Hexagon screw M6X16	020 356
19	Threaded rod M5	240 057	524	Locking ring 17x1	023 299
22	Proximity switch at the top complete	231 516	530	Tension spring 8x19x35	251 614
23	Proximity switch at the bottom complete	231 520	532	Shim 0.2x12x27	023 735
28	Comb guide on the left	240 110	534	Shim 0.5x12x27	023 736



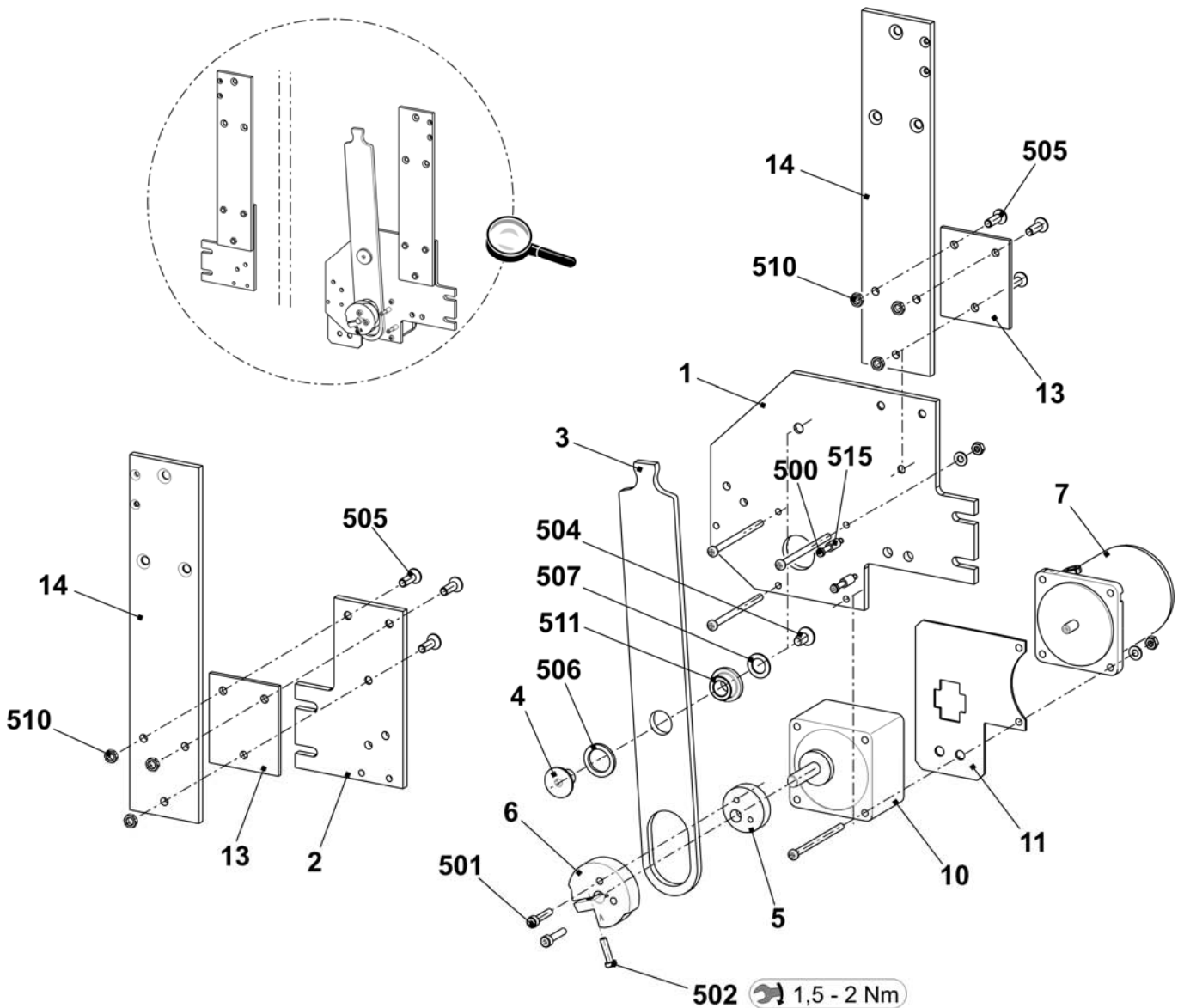
**Comb unit**

Pos	Designation	Ident No	Pos	Designation	Ident No	
<b>Σ</b>	<b>Comb unit</b>		<b>3</b>	<b>Body</b>		
	<b>E5 + E5m.4 + E2,5.2</b>	<b>241 530</b>		E10 + E10m.12 + E5.2	230 094	
	<b>E7 + E7m.5 + E7m.8 + E3,5.2</b>	<b>241 531</b>		E12 + E6.2(12m.10) + E6.2	230 094	
	<b>E8 + E8m.7</b>	<b>241 532</b>		E14 + E14/12 + E7.2	230 094	
	<b>E10 + E10m.12 + E5.2</b>	<b>241 533</b>		E16 + E8.2	230 095	
	<b>E12 + E6.2(12m.10) + E6.2</b>	<b>240 061</b>		E18 + E9.2	230 095	
	<b>E14 + E14/12 + E7.2</b>	<b>241 534</b>				
	<b>E16 + E8.2</b>	<b>241 535</b>		<b>4</b>	<b>Cover rail</b>	213 428
	<b>E18 + E9.2</b>	<b>241 536</b>		<b>5</b>	<b>Hook slider</b>	220 995
<b>1</b>	<b>Hook bed</b>		E5 + E5m.4 + E2,5.2		220 995	
	E5 + E5m.4 + E2,5.2	221 193	E7 + E7m.5 + E7m.8 + E3,5.2		220 993	
	E7 + E7m.5 + E7m.8 + E3,5.2	221 194	E8 + E8m.7		220 994	
	E8 + E8m.7	221 195	E10 + E10m.12 + E5.2		220 996	
	E10 + E10m.12 + E5.2	221 196	E12 + E6.2(12m.10) + E6.2		220 994	
	E12 + E6.2(12m.10) + E6.2	221 197	E14 + E14/12 + E7.2		220 993	
	E14 + E14/12 + E7.2	221 198	E16 + E8.2		220 994	
	E16 + E8.2	221 199	E18 + E9.2		220 997	
	E18 + E9.2	221 200	<b>7</b>	<b>Collar bolt complete</b>	211 036	
<b>2</b>	<b>Closer</b>			<b>8</b>	<b>Cross slider</b>	213 429
	E5 + E5m.4 + E2,5.2	230 105	<b>9</b>	<b>Cover rail</b>	222 866	
	E7 + E7m.5 + E7m.8 + E3,5.2	230 105	<b>10</b>	<b>Plunger</b>	205 678	
	E8 + E8m.7	230 105	<b>11</b>	<b>Switch lever complete</b>	240 060	
	E10 + E10m.12 + E5.2	230 106	<b>12</b>	<b>Ramp</b>	221 269	
	E12 + E6.2(12m.10) + E6.2	230 106	<b>15</b>	<b>Stabilizator</b>	215 253	
	E14 + E14/12 + E7.2	230 106	<b>500</b>	<b>Cap screw M4x30</b>	023 290	
	E16 + E8.2	230 107	<b>502</b>	<b>Countersunk head screw M5x12</b>	023 340	
	E18 + E9.2	230 107	<b>504</b>	<b>Hexagon nut M4-8</b>	023 046	
<b>3</b>	<b>Body</b>		<b>505</b>	<b>Hexagon nut M5-04</b>	020 854	
	E5 + E5m.4 + E2,5.2	230 093	<b>508</b>	<b>Washer 5-200</b>	020 871	
	E7 + E7m.5 + E7m.8 + E3,5.2	230 093	<b>510</b>	<b>Cap screw M4x35</b>	023 550	
	E8 + E8m.7	230 093	<b>511</b>	<b>Circlip</b>	022 774	
			<b>512</b>	<b>Countersunk head screw M3x10</b>	020 288	



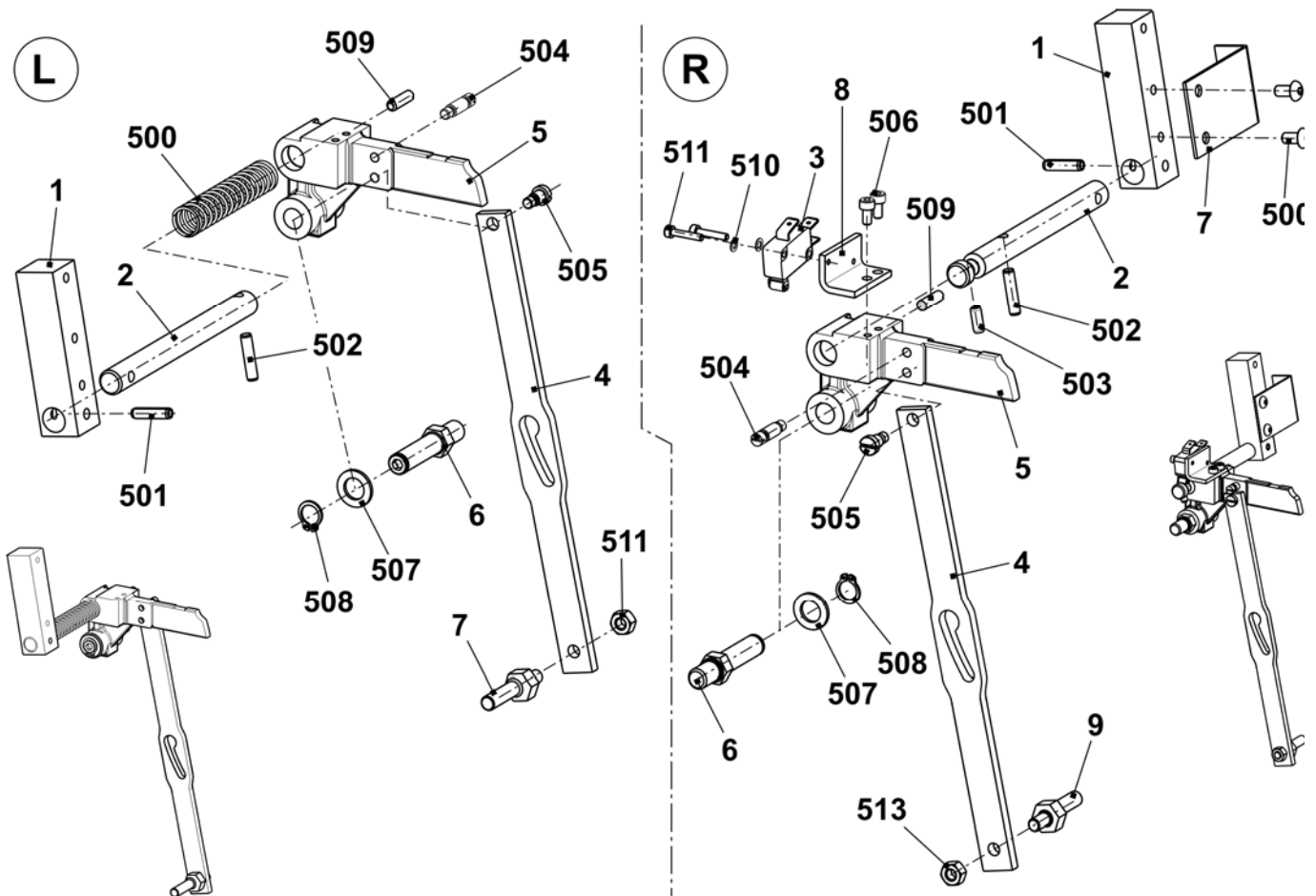
## Switch lever comb take-down

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



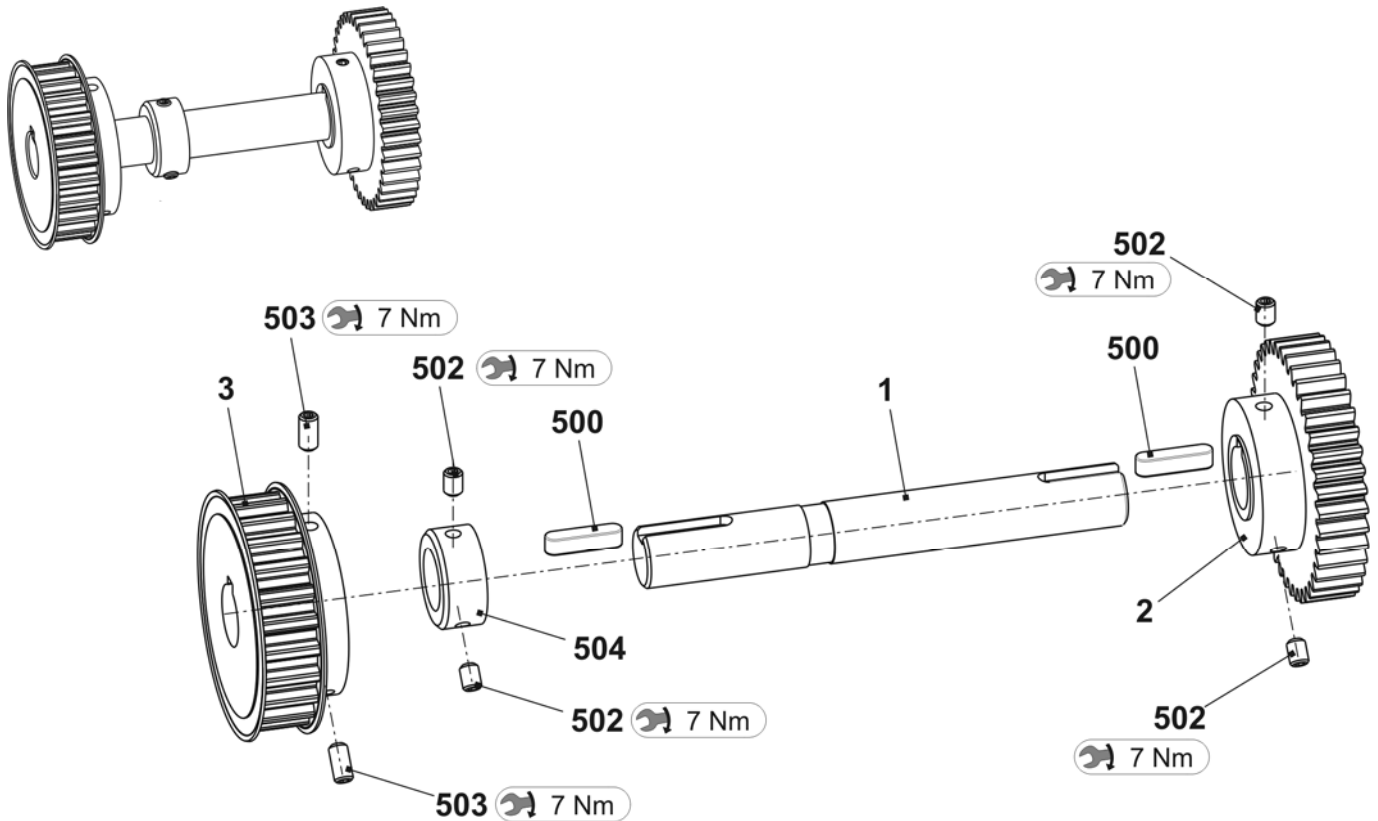
**Swivel lever comb take-down**

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ L</b>	<b>Swivel lever on the left</b>	<b>252 859</b>	<b>Σ R</b>	<b>Swivel lever on the right</b>	<b>252 858</b>
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	Washer 10-200	020 884	502	Dowel pin 5x22	023 716
508	Locking ring	020 950	503	Spring dowel sleeve 5x12	020 793
509	Shoulder screw M5x12x18	020 539	504	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	Washer 10	020 884
			508	Locking ring 10x1	020 950
			509	Shoulder screw M5x12x18	020 539
			510	Shoulder screw M3x16	022 583
			511	Washer 3	020 877
			513	Hexagon nut M6-6	022 899

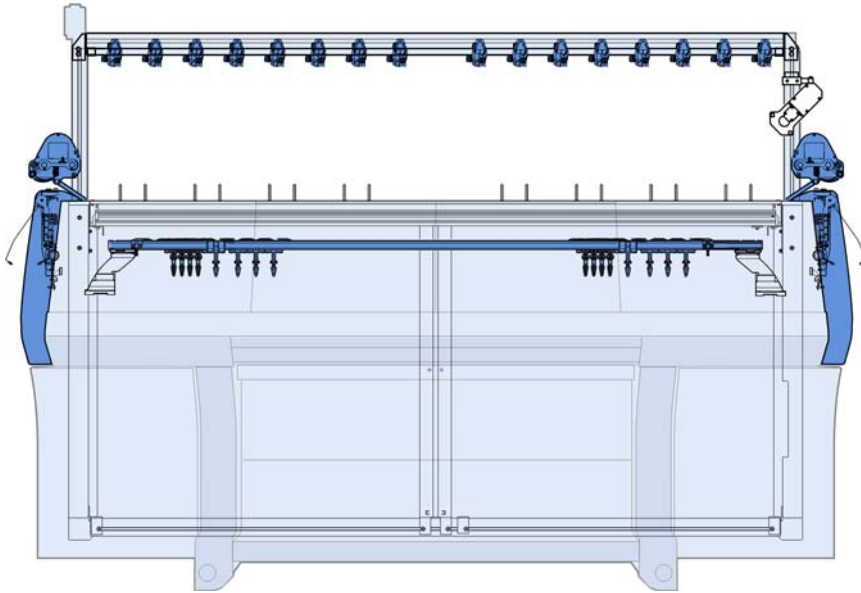


## Drive shaft of comb

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

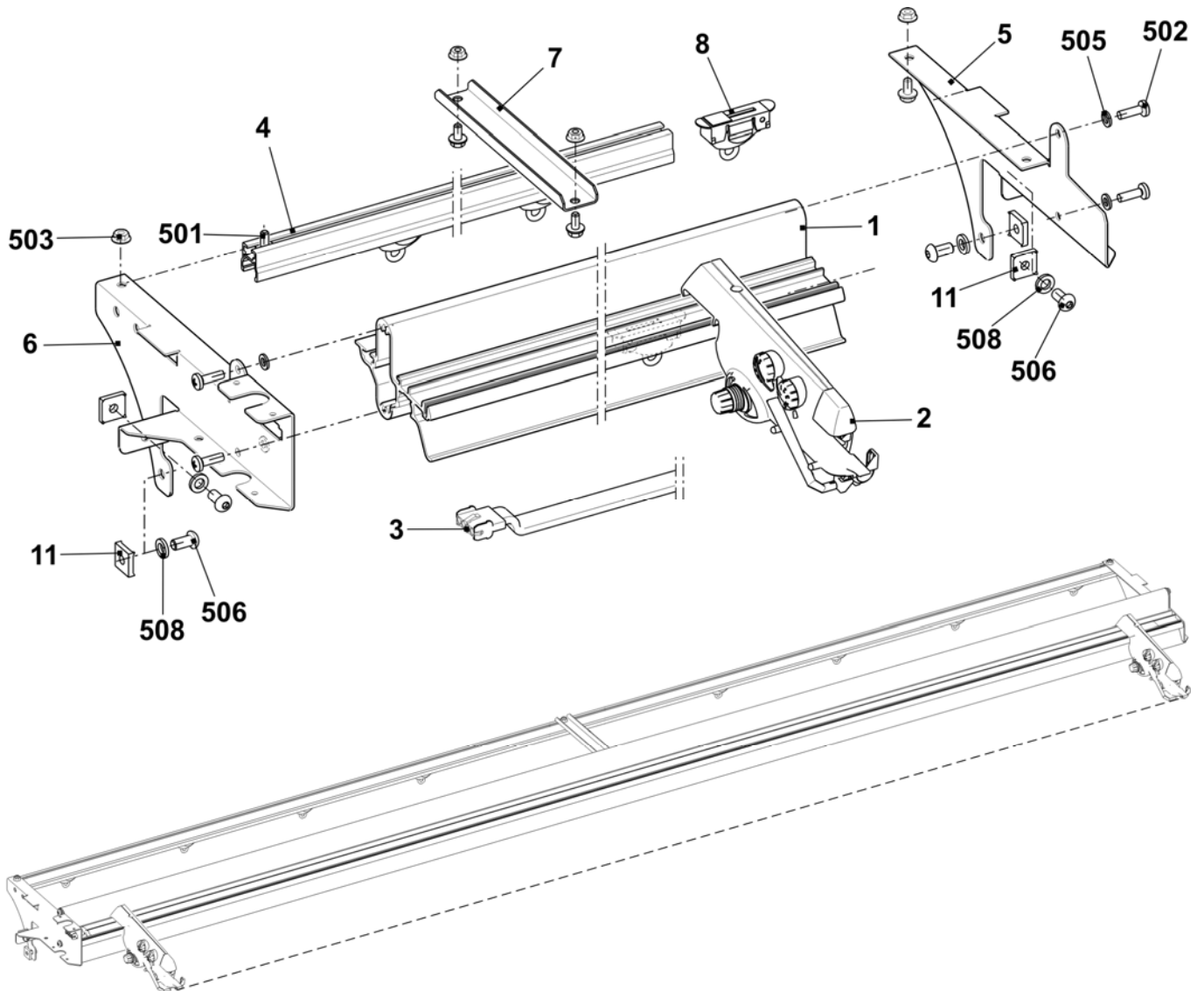


# Yarn delivery device



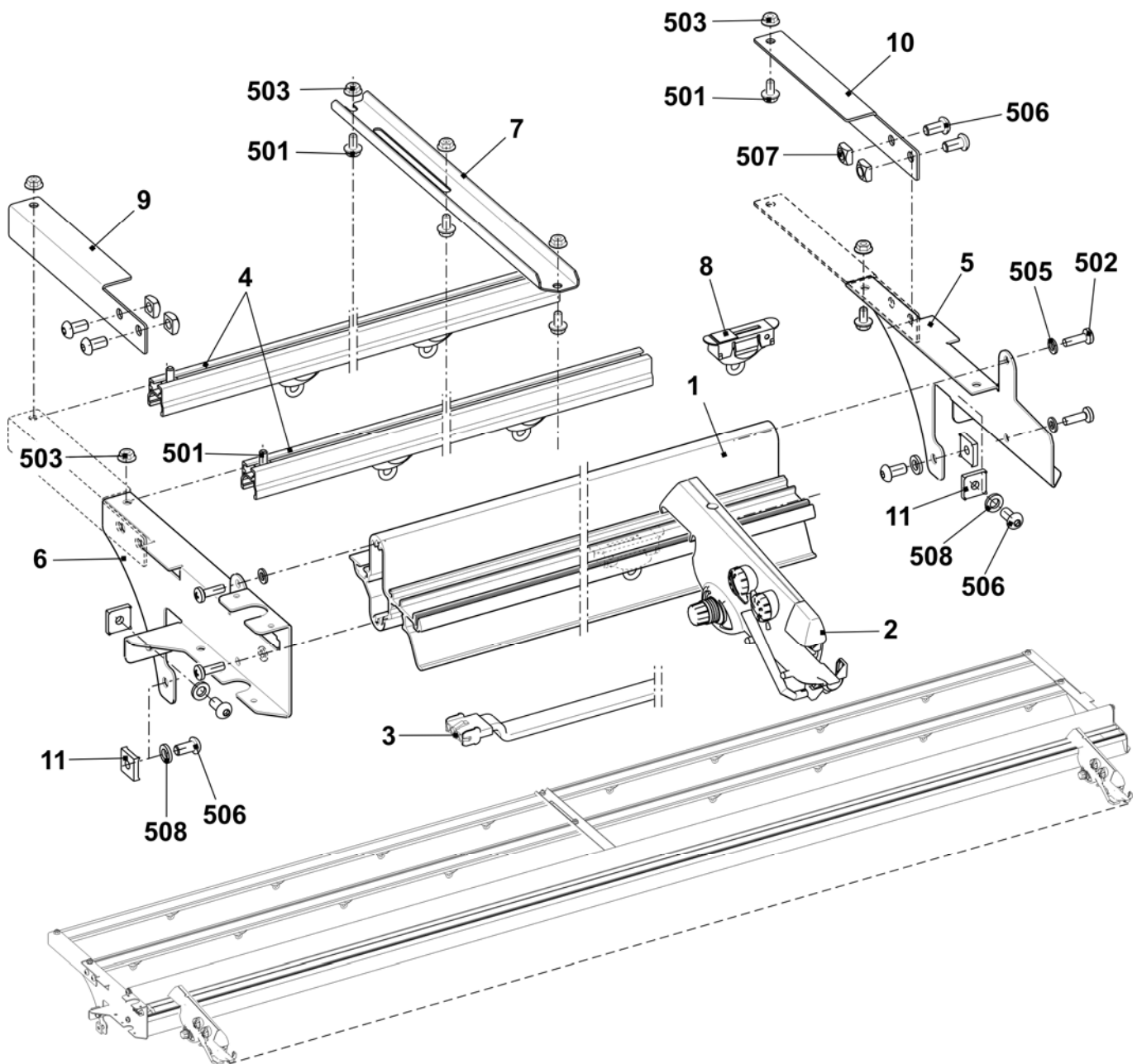
## Yarn guide system from 10 up to 16 FKE

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide system 10 FKE</b>	<b>241 588</b>	7	Support	243 792
	<b>Yarn guide system 12 FKE</b>	<b>241 589</b>	8	Yarn guide bracket complete	241 581
	<b>Yarn guide system 14 FKE</b>	<b>241 587</b>	11	Sliding block	228 851
	<b>Yarn guide system 16 FKE</b>	<b>241 550</b>	501	Self-locking screw M6x12	023 415
1	Support 50"	243 110	502	Screw M6x20	023 721
2	Yarn control device (FKE)	237 124	503	Ribbed safety nut M6-10	023 414
3	Connection cable FKE-3 50"	239 710	505	Washer 6-200	022 431
4	Yarn guide bar	240 324	506	Countersunk screw M8x16	023 113
5	Support on the right	243 601	508	Serrated lock washer	023 388
6	Support on the left	243 600			



## Yarn guide system from 20 up to 24 FKE

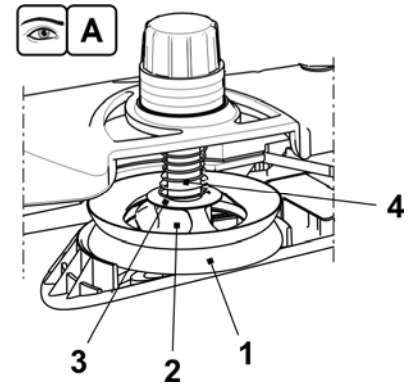
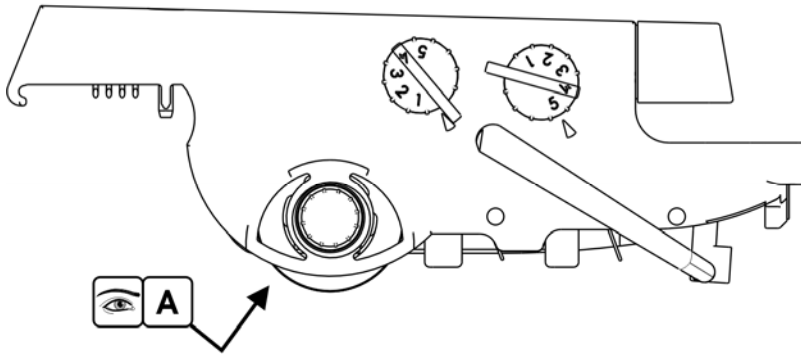
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide system 20 FKE</b>	<b>241 599</b>	9	Support on the left	243 602
	<b>Yarn guide system 24 FKE</b>	<b>241 549</b>	10	Support on the right	243 603
1	Support	243 110	11	Sliding block	228 851
2	Yarn control device (FKE)	237 124	501	Self-locking screw M6x12	023 415
3	Connection cable FKE-3 50"	239 710	502	Screw M6x20	023 721
4	Yarn guide bar	240 324	503	Ribbed safety nut M6-10	023 414
5	Support on the right	243 601	505	Washer 6-200	022 431
6	Support on the left	243 600	506	Countersunk screw M8x16	023 113
7	Support	239 295	507	Square nut M8	023 269
8	Yarn guide bracket complete	241 581	508	Serrated lock washer	023 388





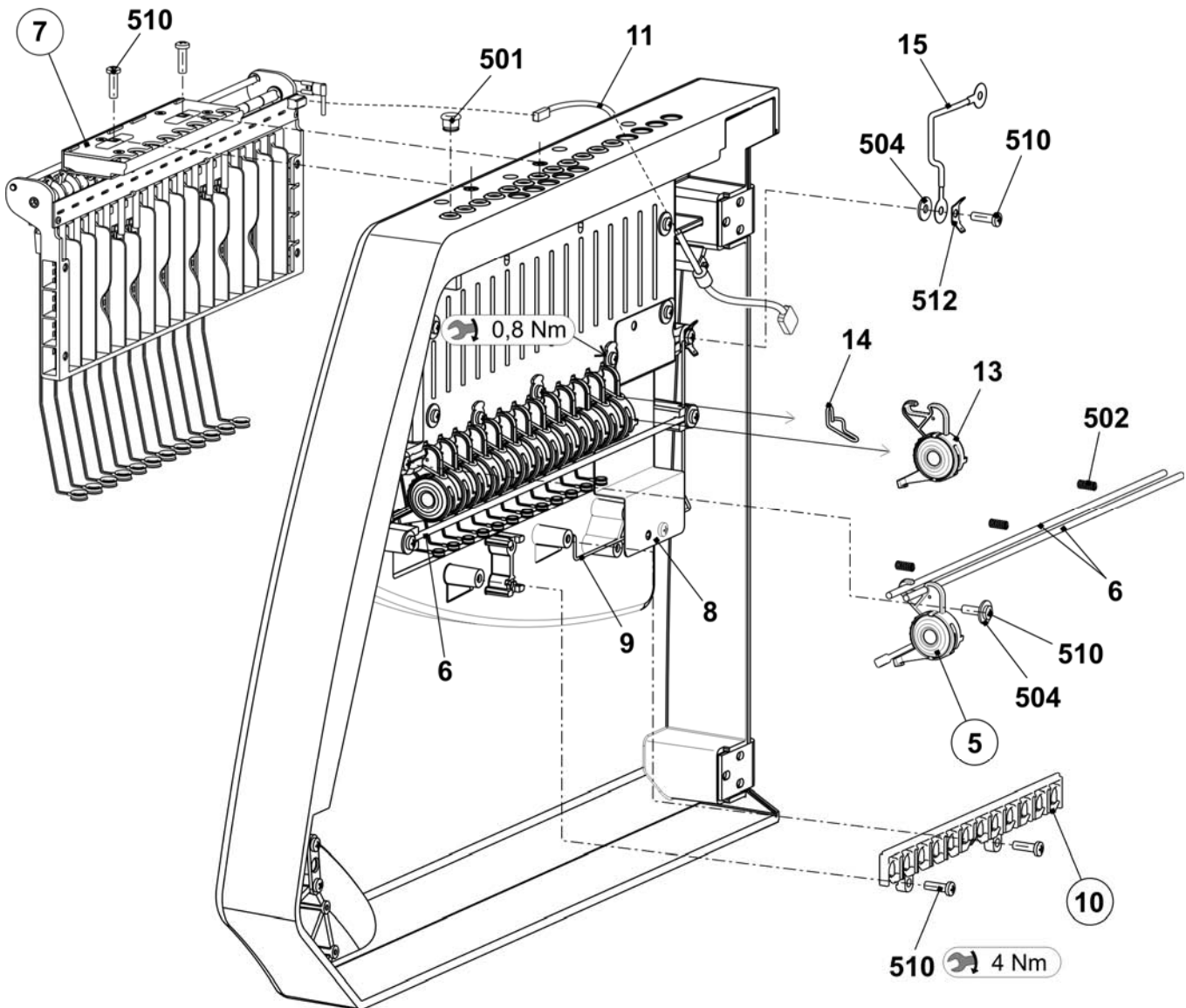
## Yarn control unit

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn control unit</b>	<b>237 124</b>	3	Disc	216 372
1	Yarn brake disk	216 365	4	Compression spring	244 488
2	Porcelain eyelet of yarn brake	244 407			



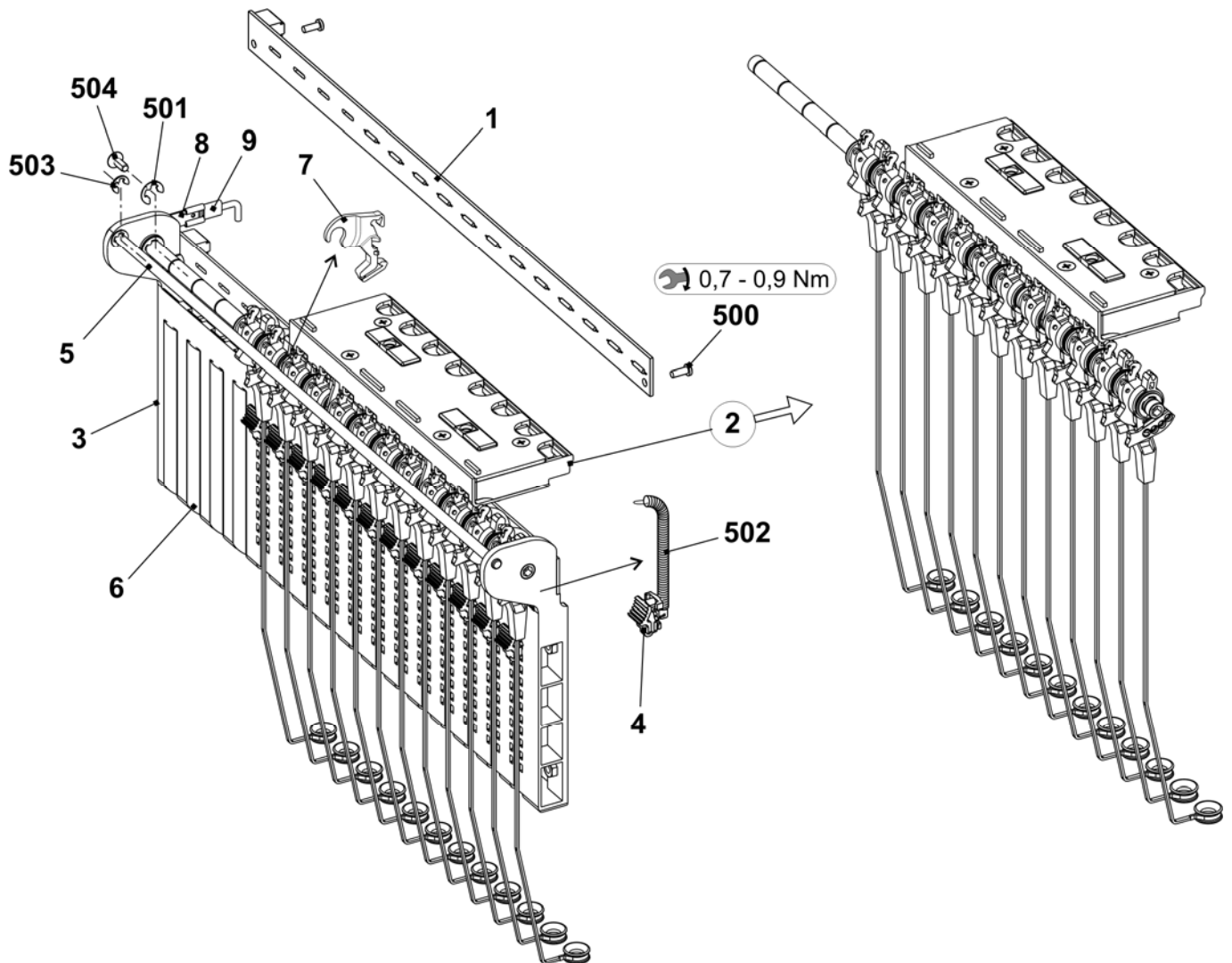
# Left yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Safety cover on the left complete</b>		9	Wire bow on the left	241 370
	<b>E3 - E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>	<b>241 271</b>	10	Yarn deflector	242 011
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	<b>241 272</b>	11	Connection cable yarn tensioner OKC	240 808
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E6.2(12m.10)</b>	<b>241 273</b>	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	<b>Yarn tensioner on the left complete</b>		501	Ceramic eyelet	240 640
	<b>E3 - E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>	241 363	502	Compression spring 0.90x5.40x13.60	241 360
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	241 364	504	Washer	022 537
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)</b>	241 365	510	Screw KB 60x20	237 682
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



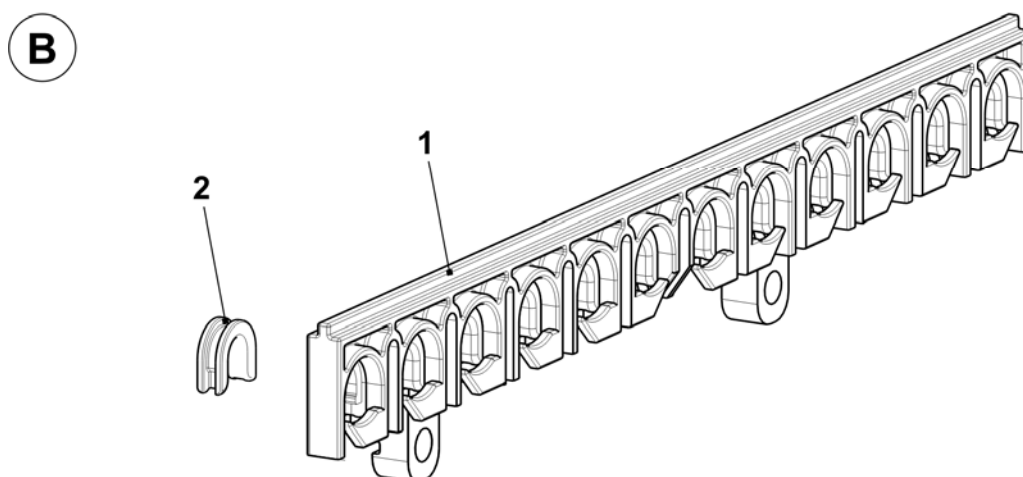
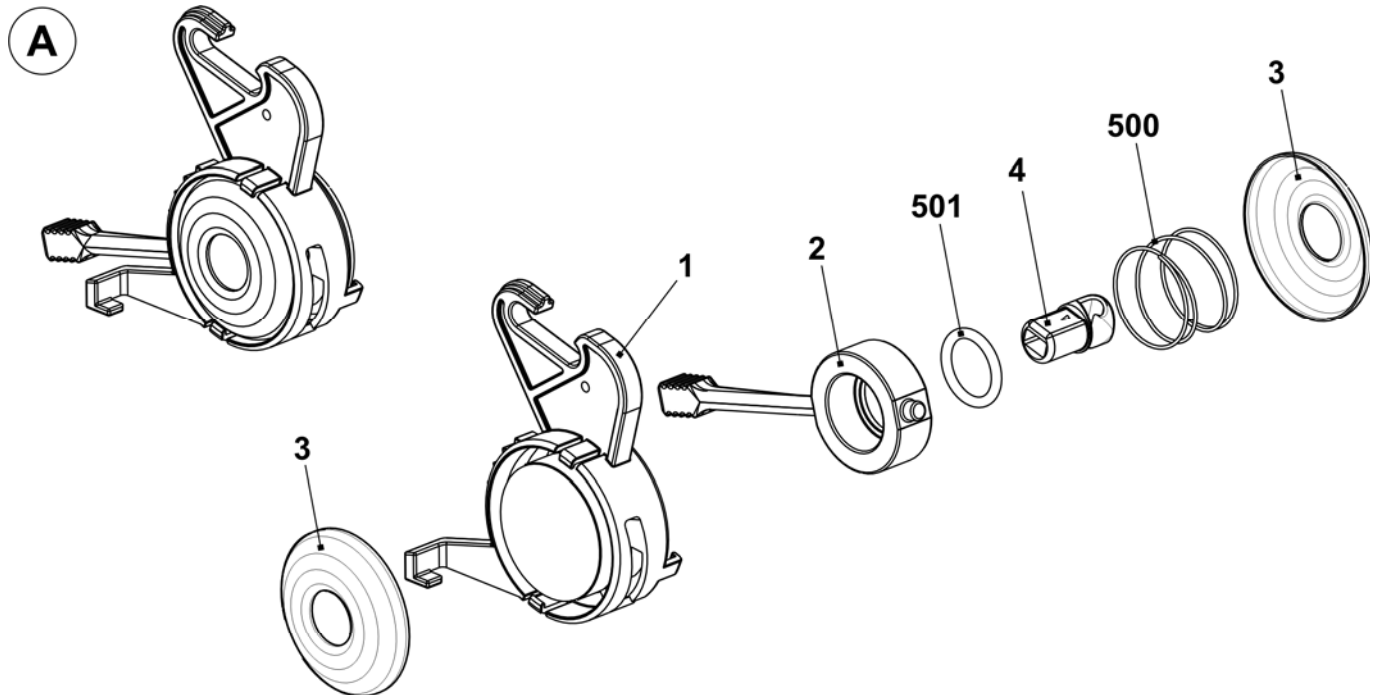
## Left yarn tensioner

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn tensioner on the left complete</b>		6	Cover	242 268
	<b>E3 - E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>	<b>241 363</b>	7	Spacer	242 048
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	<b>241 364</b>	8	Grounding sheet metal of tension axle	243 121
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E6.2(12m.10)</b>	<b>241 365</b>	9	Ground cable yarn tensioner OKC	243 105
1	Card yarn tensioner 16-fold on the left	241 345	500	Screw KB 30x8	236 228
2	Tension axle on the left complete		501	Circlip	021 022
	<b>E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7</b>	241 366	502	Tension spring 5.05x0.55x53 (E3 - E5+ E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5)	023 502
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)</b>	241 381		Tension spring 4.9x0.5x53 (E7 - E8 + E6.2 + E7m.8 + E8m.7)	023 503
3	Housing	241 367		Tension spring 4.9x0.45x53 (E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10))	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



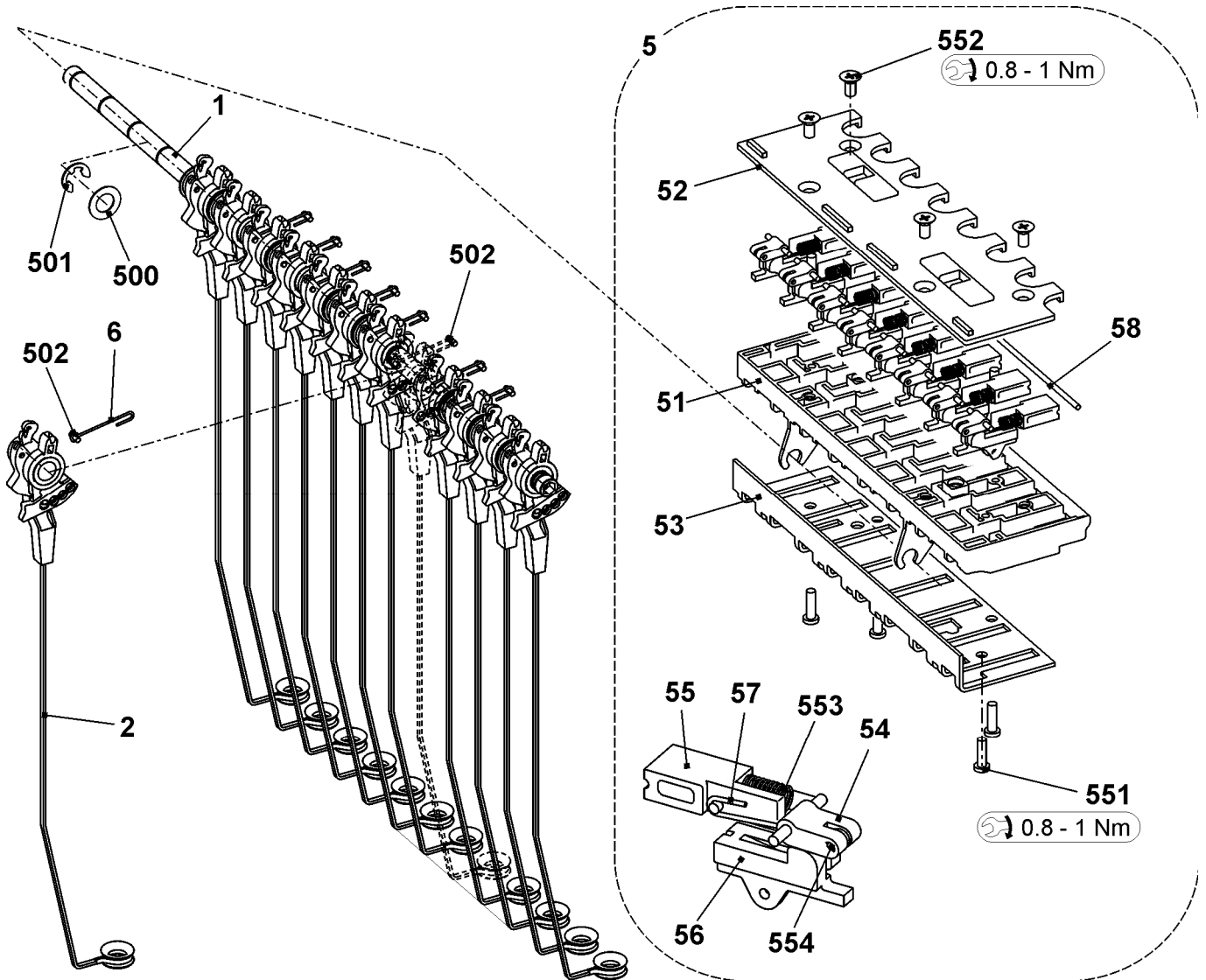
## Yarn brake and yarn deflector

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>A</b>	<b>Yarn brake complete</b>	<b>244 347</b>	<b>B</b>	<b>Yarn deflector</b>	<b>242 011</b>
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			



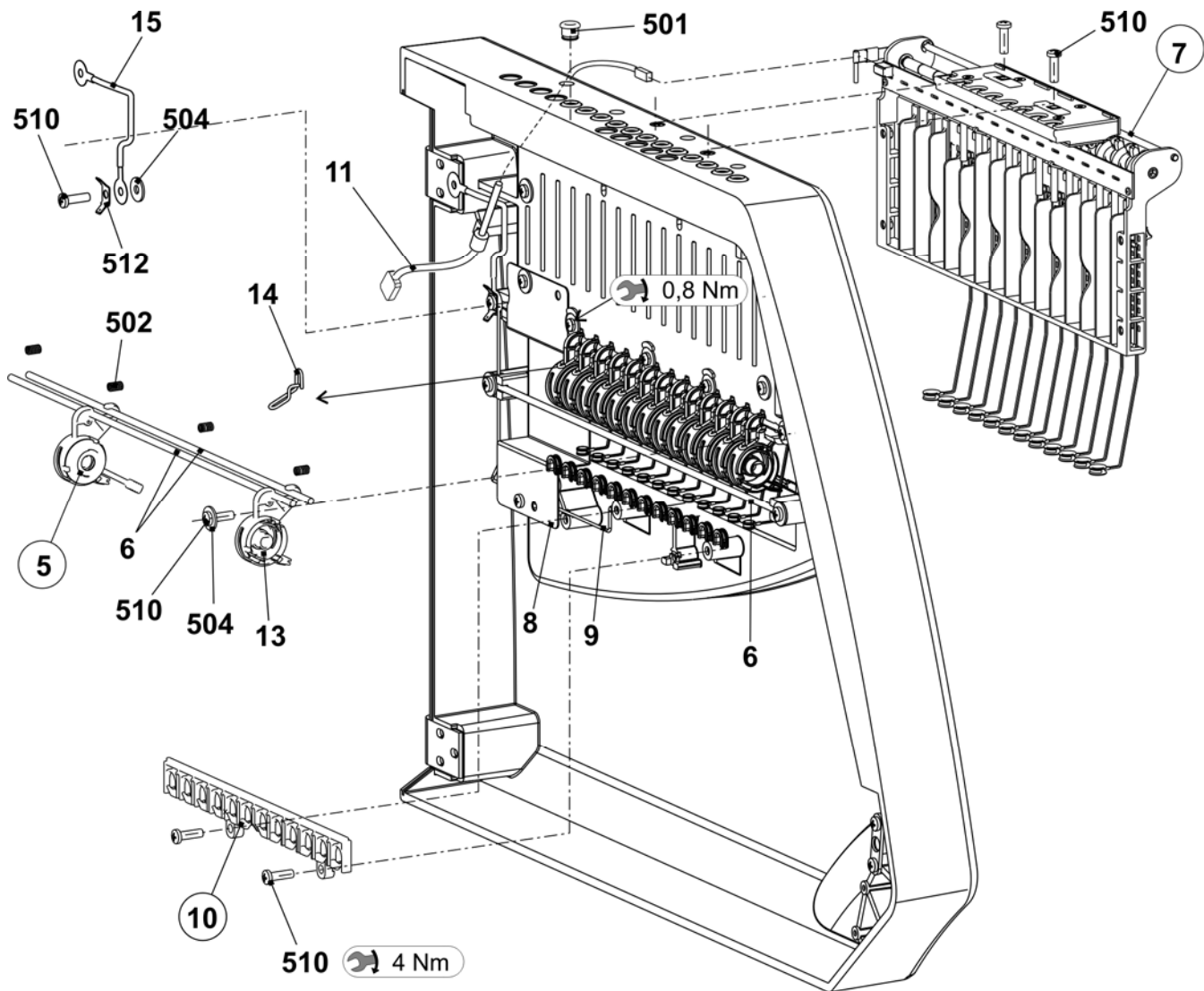
## Left tension axle

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Tension axle on the left complete</b>		502	Grooved pin 2x6	243 172
	<b>E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7</b>	<b>241 366</b>	<b>5</b>	<b>Thread clamp AKF</b>	<b>238 695</b>
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)</b>	<b>241 381</b>	51	Housing AKF	238 689
1	Axle	243 107	52	Cover AKF	237 926
2	Tension arm pre-assembled		53	Sheet metal at the bottom (housing AKF)	240 719
	E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	242 770	54	Lever AKF	238 692
	E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)	242 771	55	Thrust piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0.5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
			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



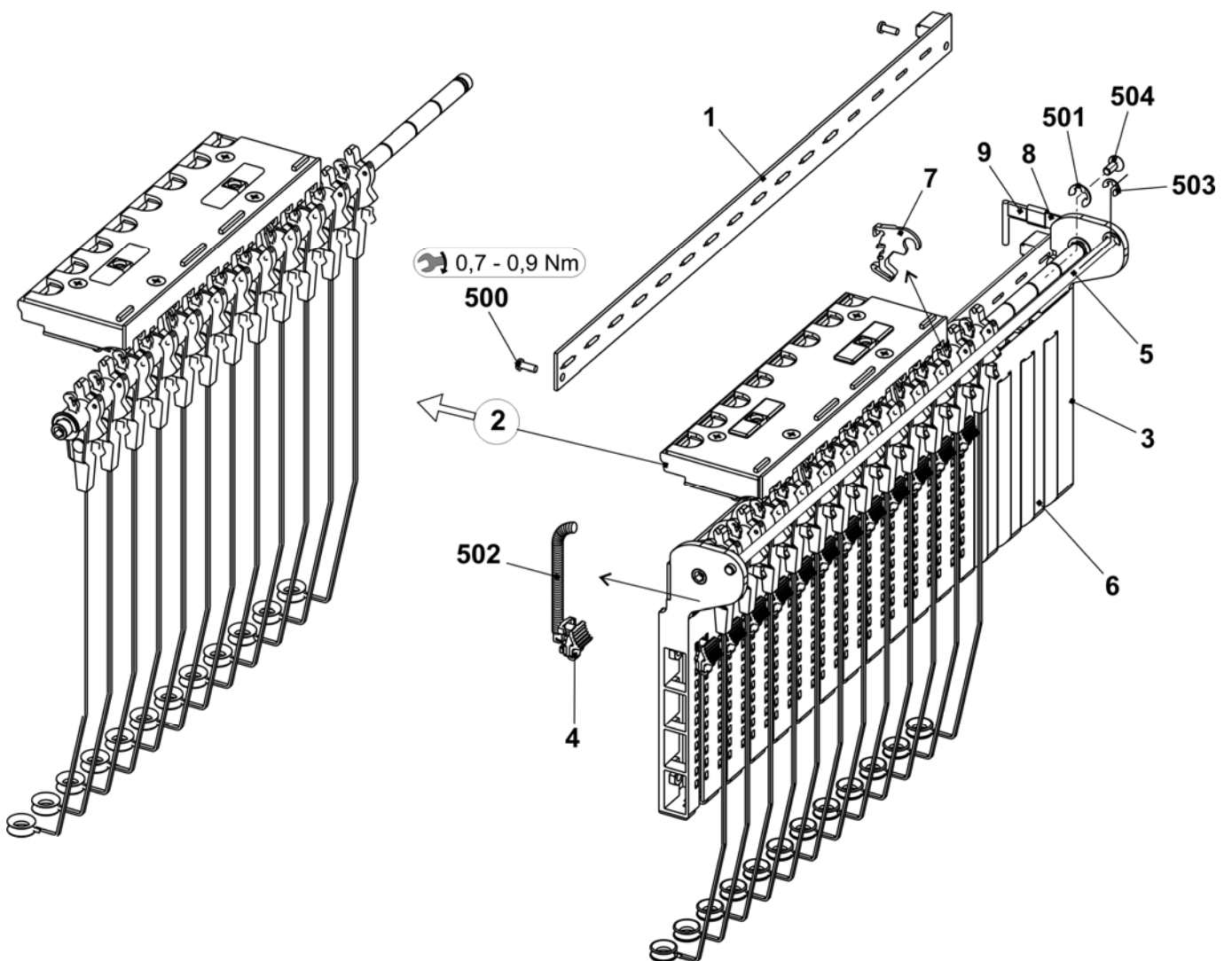
## Right yarn guide

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Safety cover on the right complete</b>		9	Wire bow on the right	241 369
	<b>E3 - E5</b>	241 274	10	Yarn deflector	242 011
	<b>+ E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>		11	Connection cable yarn tensioner OKC	240 808
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	241 275	13	Yarn brake not adjustable	244 356
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E6.2(12m.10)</b>	241 276			
5	Yarn brake complete	244 347	14	Clamping bow	244 409
6	Shaft	241 318	15	Ground cable	244 404
7	Yarn tensioner on the right complete		501	Ceramic eyelet	240 640
	<b>E3 - E5</b>	241 382	502	Compression spring 0.90x5.40x13.60	241 360
	<b>+ E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>		504	Washer	022 537
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	241 383	510	Screw KB 60x20	237 682
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)</b>	241 384			
8	Cover	240 783	512	Flat connector 2x45° M6	243 117



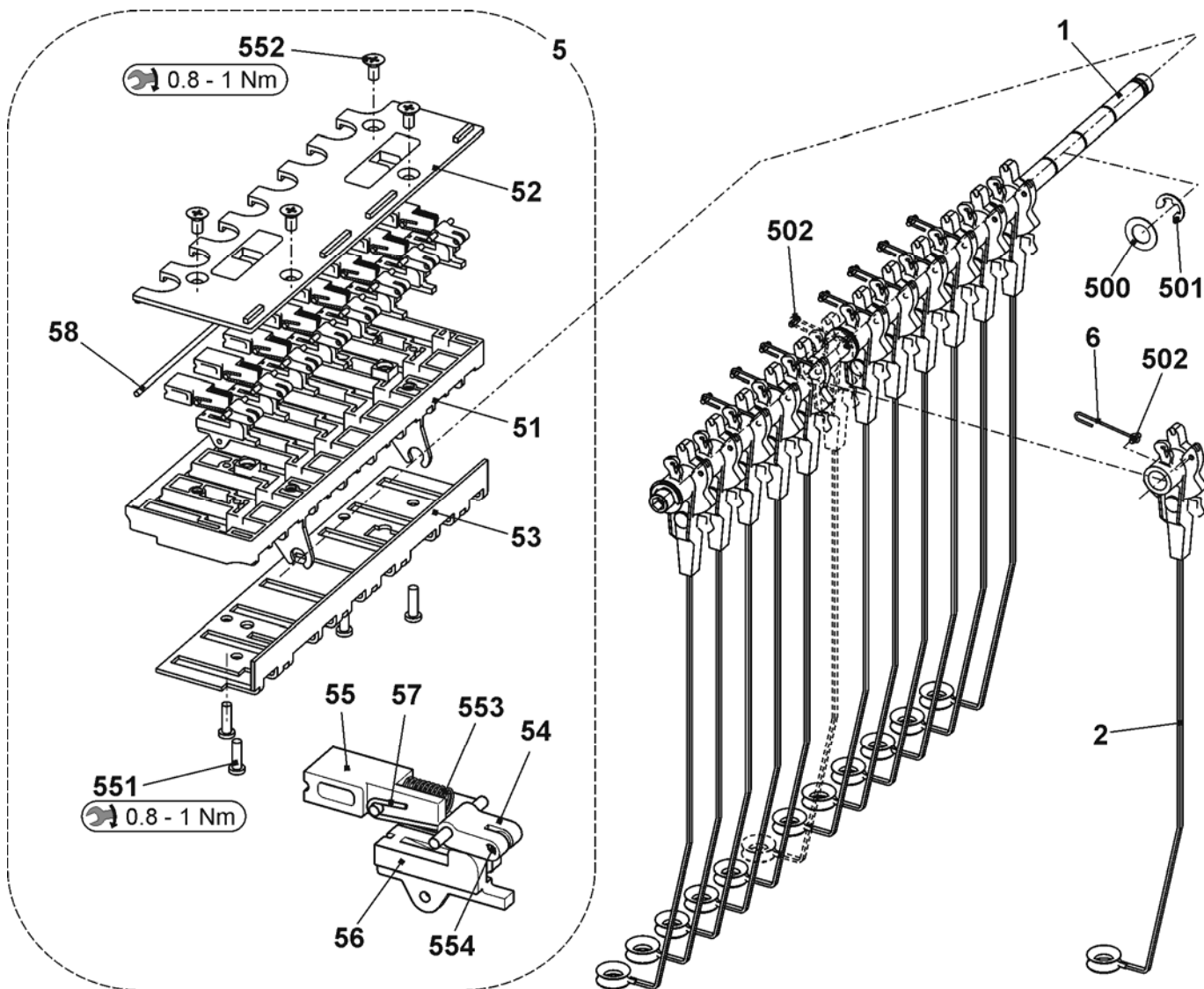
## Right yarn tensioner

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn tensioner on the right</b>		6	Cover	242 268
	<b>E3 - E5 + E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5</b>	<b>241 382</b>	7	Spacer	242 048
	<b>E7 - E8 + E6.2 + E7m.8 + E8m.7</b>	<b>241 383</b>	8	Grounding sheet metal of tension axle	243 121
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E6.2(12m.10)</b>	<b>241 384</b>	9	Ground cable yarn tensioner OKC	243 105
1	Card yarn tensioner 16-fold on the right	241 346	500	Screw KB 30x8	236 228
2	Tension axle on the right complete		501	Circlip	021 022
	E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	241 379	502	Tension spring 5.05x0.55x53 (E3 - E5+ E2,5.2 + E3,5.2 + E5.2 + E5m.4 + E7m.5)	023 502
	E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)	241 380		Tension spring 4.9x0.5x53 (E7 - E8 + E6.2 + E7m.8 + E8m.7)	023 503
3	Housing	241 367		Tension spring 4.9x0.45x53 (E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10))	023 504
4	Slider	241 694	503	Circlip	021 020
5	Stop point	241 368	504	Countersunk screw M4x10	241 914



## Right tension axle

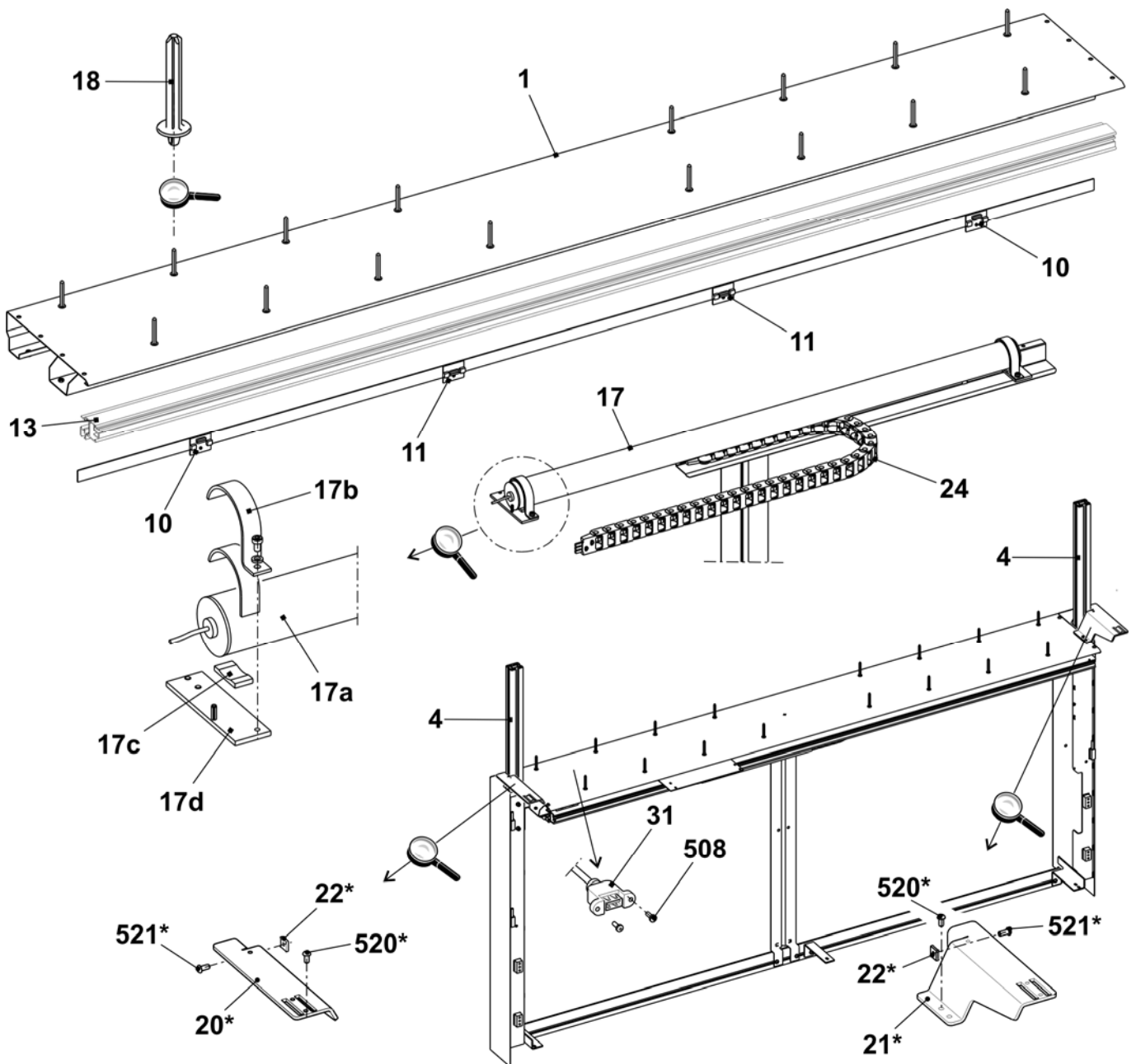
Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Tension axle on the right complete</b>		502	Grooved pin 2x6	243 172
	<b>E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7</b>	<b>241 379</b>	<b>5</b>	<b>Thread clamp AKF</b>	<b>238 695</b>
	<b>E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)</b>	<b>241 380</b>	51	Housing AKF	238 689
1	Axle	243 107	52	Cover AKF	237 926
2	Tension arm pre-assembled		53	Sheet metal at the bottom (housing AKF)	240 719
	E3 - E8 + E2,5.2 + E3,5.2 + E5.2 + E6.2 + E5m.4 + E7m.5 + E7m.8 + E8m.7	242 770	54	Lever AKF	238 692
	E10 - E18 + E7.2 + E8.2 + E9.2 + E10m.12 + E12m.10 + E6.2(12m.10)	242 771	55	Thrust piece AKF	238 690
6	Wire bow	238 694	56	Slider AKF	238 691
500	Shim ring 8x14x0.5	023 501	57	Wire bow	238 694
501	Circlip	021 022	58	Wire	237 940
			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





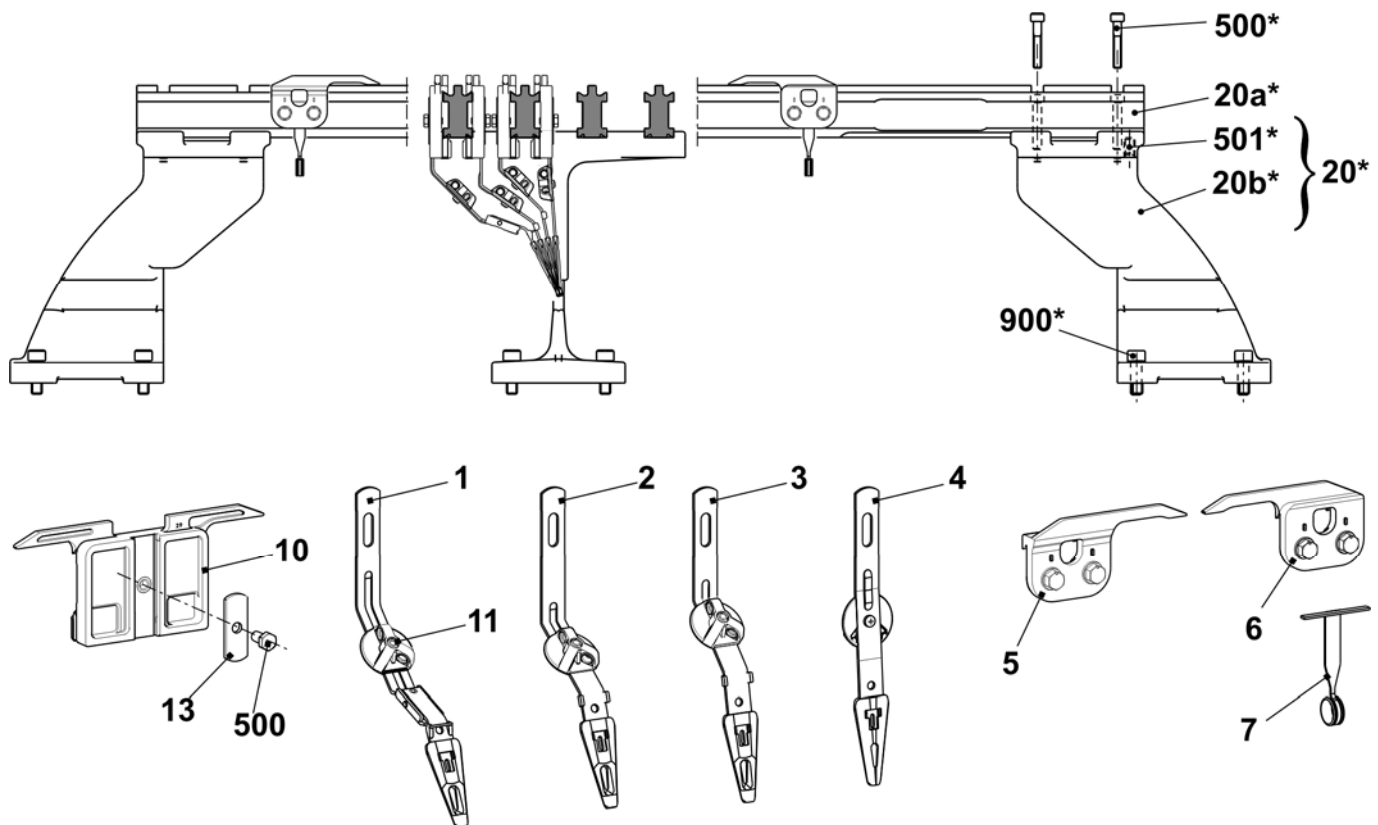
## Bobbin board

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Table complete 50"</b>	<b>251 357</b>			
1	Table	251 244	18	Positioning pin	251 050
4	Support element	228 594	24	Energy chain display (38 links)	235 518
10	Magnet switch protective hood	219 983	31	Cable USB extension okc	240 317
11	Magnet switch protective hood	220 159	508	Countersunk screw M3x8	023 251
13	Guide rail at the top complete	240 251	20*	Support of left feed wheel	250 966
17	Lamp at the top complete	222 509	21*	Support of right feed wheel	250 967
	17a Lamp 230 V 50/60 Hz	205 546	22*	Sliding block	228 851
	17b Clamping bow	209 504	520*	Countersunk screw M8x16	023 113
	17c Cellular caoutchouc 40x20	208 018	521*	Countersunk screw M8x18	251 331
	17d Lamp support	221 951			



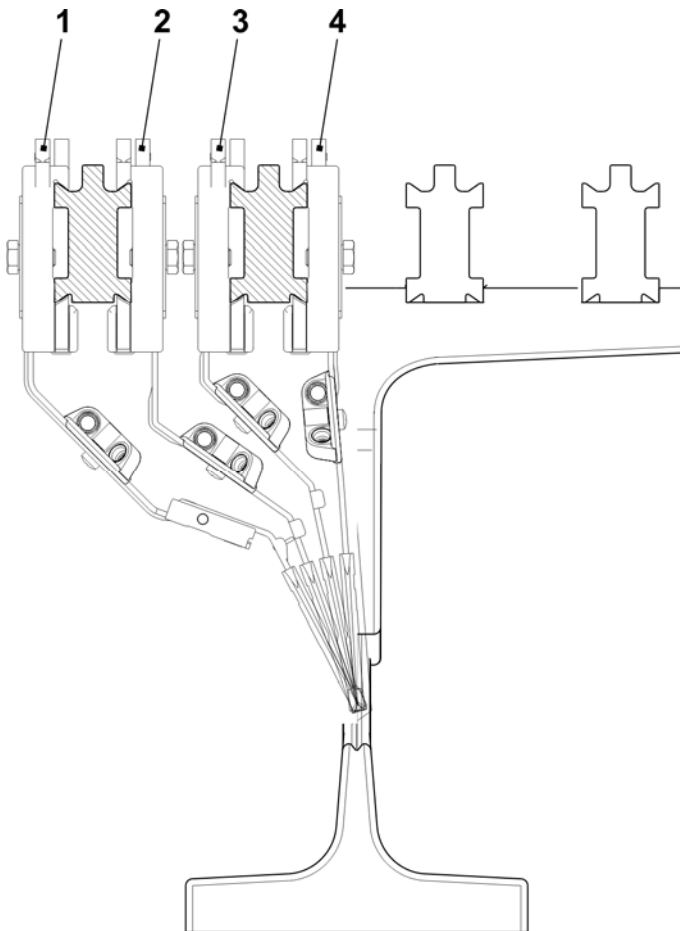
## Yarn carrier and guide rails

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide complete</b>			<b>E5 (E5m.4/ E7m.5/ E2,5.2/E3,5.2/E5.2)</b>	
	<b>E5 (E5m.4/ E7m.5/ E2,5.2/E3,5.2/E5.2)</b>	<b>244 007</b>	1	YC bow 1+8 complete E5	212 990
	<b>E7 - E8 (E6.2/ E7.2)</b>	<b>244 008</b>	2	YC bow 2+7 complete E5	212 992
	<b>E10 - E14 (E10m.12 /E14/12/ E6.2 (E12m.10)/E8.2)</b>	<b>244 009</b>	3	YC bow 3+6 complete E5	212 991
	<b>E16 - E18 (E9.2)</b>	<b>244 002</b>	4	YC bow 4+5 complete E5	212 993
5	Limiters on the left complete	244 099		<b>E7 - E8 (E6.2/ E7.2)</b>	
6	Limiters on the right complete	244 098	1	YC bow 1+8 complete E7-8	212 892
7	Slider with eyelet	230 709	2	YC bow 2+7 complete E7-8	212 914
10	YC carriage complete	243 062	3	YC bow 3+6 complete E7-8	212 925
11	Yarn guide wheel complete	209 257	4	YC bow 4+5 complete E7-8	212 910
13	Shim	213 035		<b>E10 - E14 (E10m.12 /E14/12/ E6.2 (E12m.10)/E8.2)</b>	
500	Hexagon screw M5x10	020 351	1	YC bow 1+8 complete E10-14	212 994
20*	Bar unit	250 971	2	YC bow 2+7 complete E10-14	212 996
	20a* Yarn carrier bar	240 282	3	YC bow 3+6 complete E10-14	212 995
	20b* YC support	250 010	4	YC bow 4+5 complete E10-14	212 997
	500* Cap screw M6x35	020 139		<b>E16 - E18 (E9.2)</b>	
	501* Set screw M8x12	022 975	1	YC bow 1+8 complete E16-18	223 199
	900* Cap screw M8X25	020 142	2	YC bow 2+7 complete E16-18	223 201
			3	YC bow 3+6 complete E16-18	223 200
			4	YC bow 4+5 complete E16-18	223 202



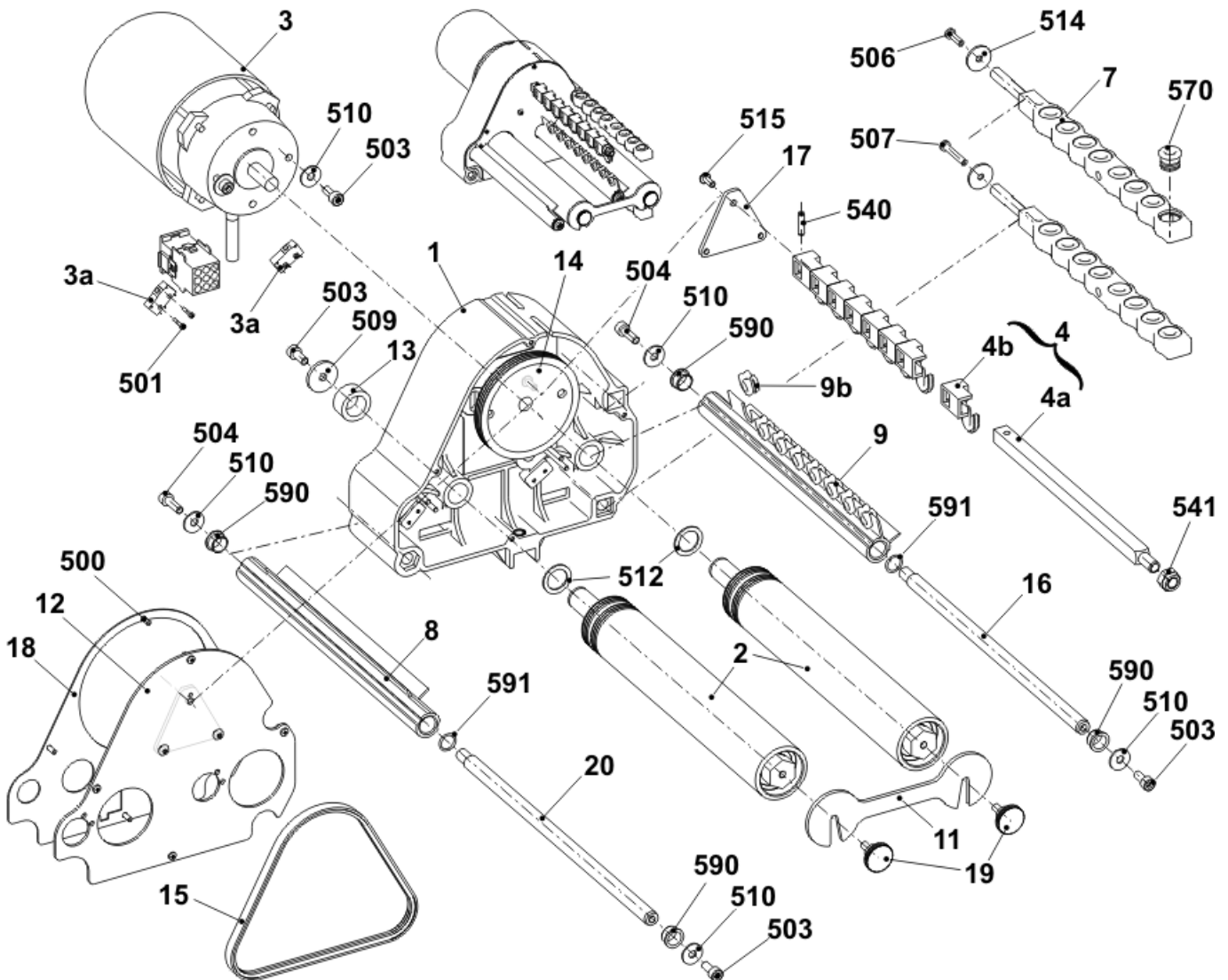
## Complete yarn carriers

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



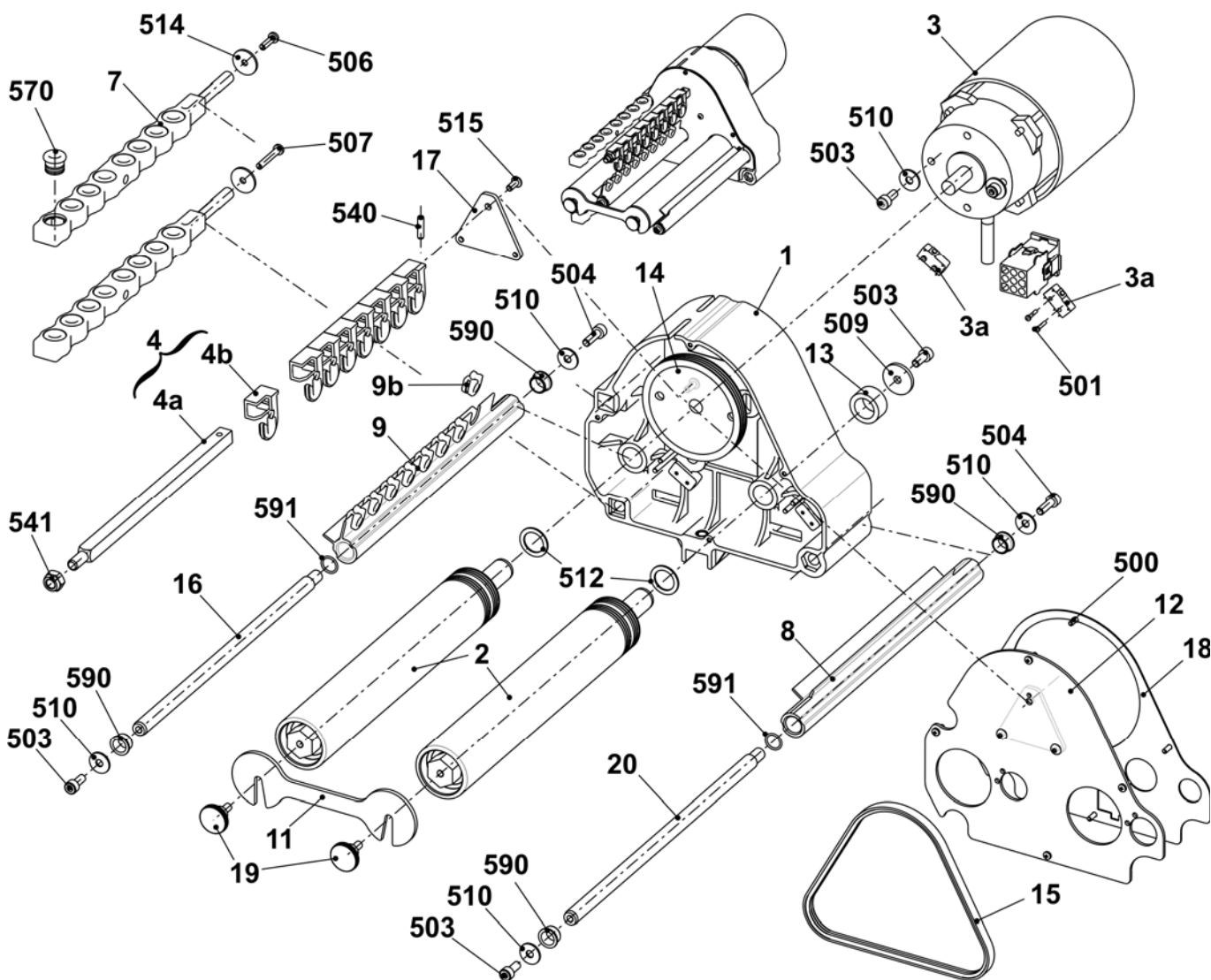
# Left friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Friction feed wheel on the left complete</b>	<b>243 571</b>	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	Washer	020 901
	591 O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	Washer 4.3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450



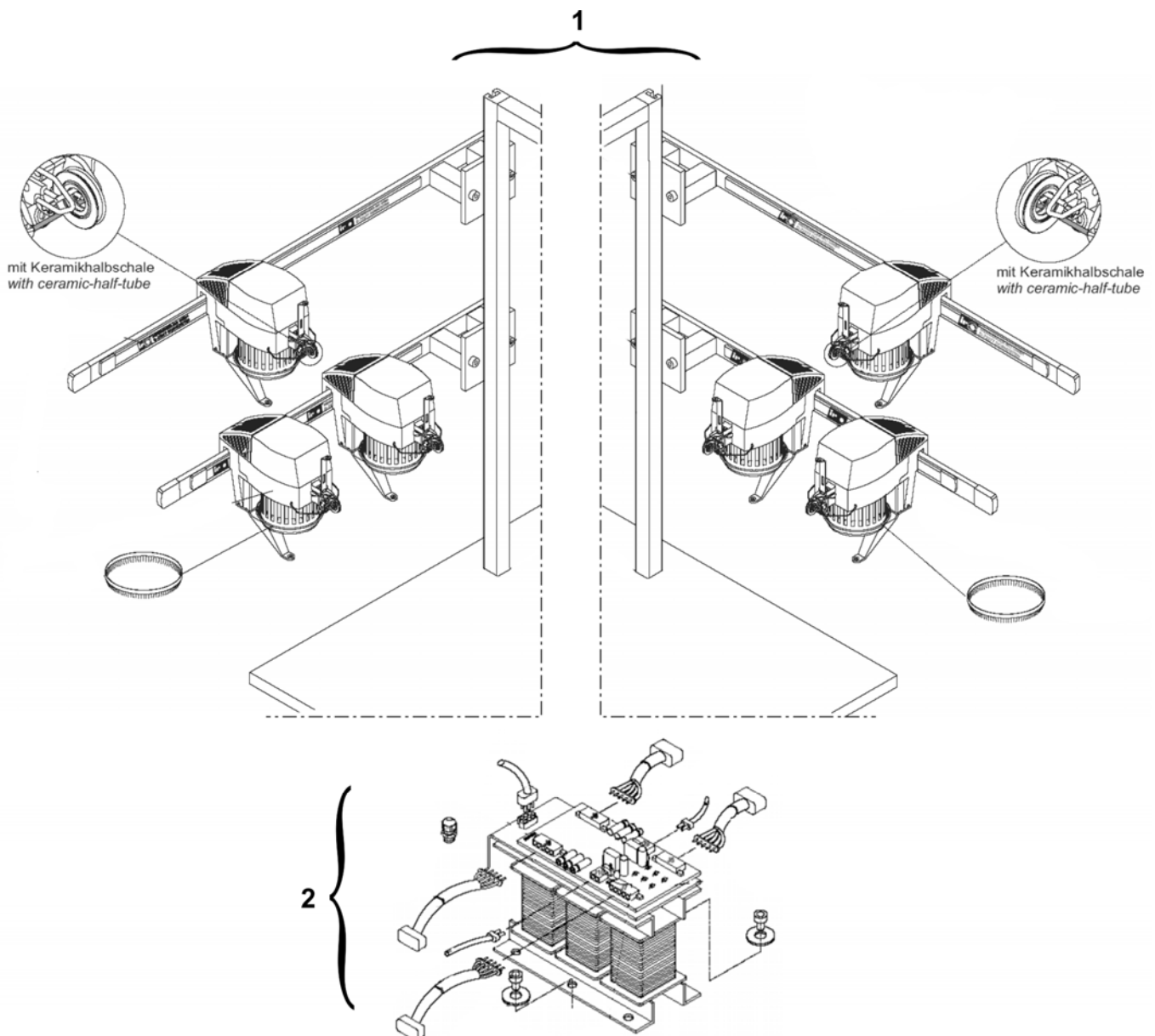
## Right friction feed wheel

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Friction feed wheel on the right complete</b>	<b>243 572</b>	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	502 132
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 5.3x22x2.5	023 219
590	Slide bearing	023 627	510	Washer	020 901
591	O-ring	244 895	512	Adjusting washer 15x21x1	023 216
11	Strap	221 316	514	Washer 4.3	020 908
12	Cover	251 098	515	Countersunk screw M4x10	023 450

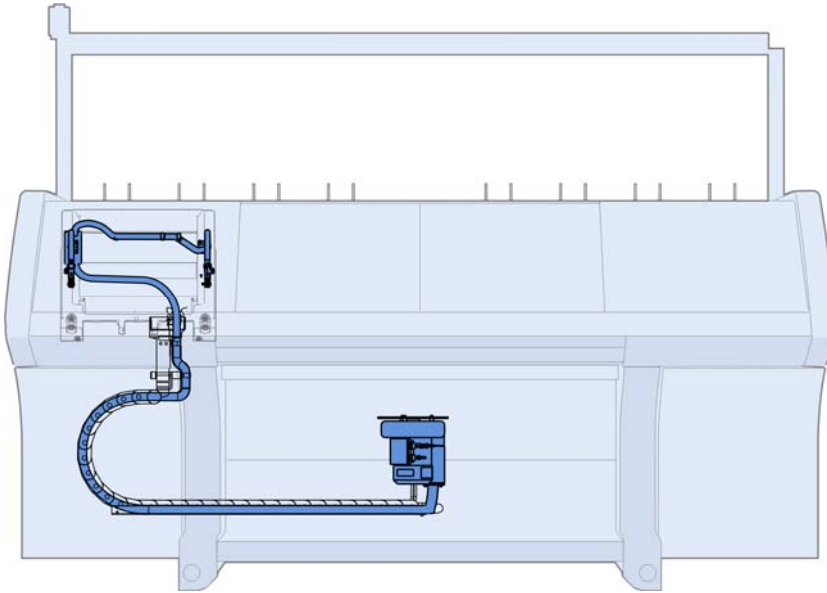


## Feed wheel SFE

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

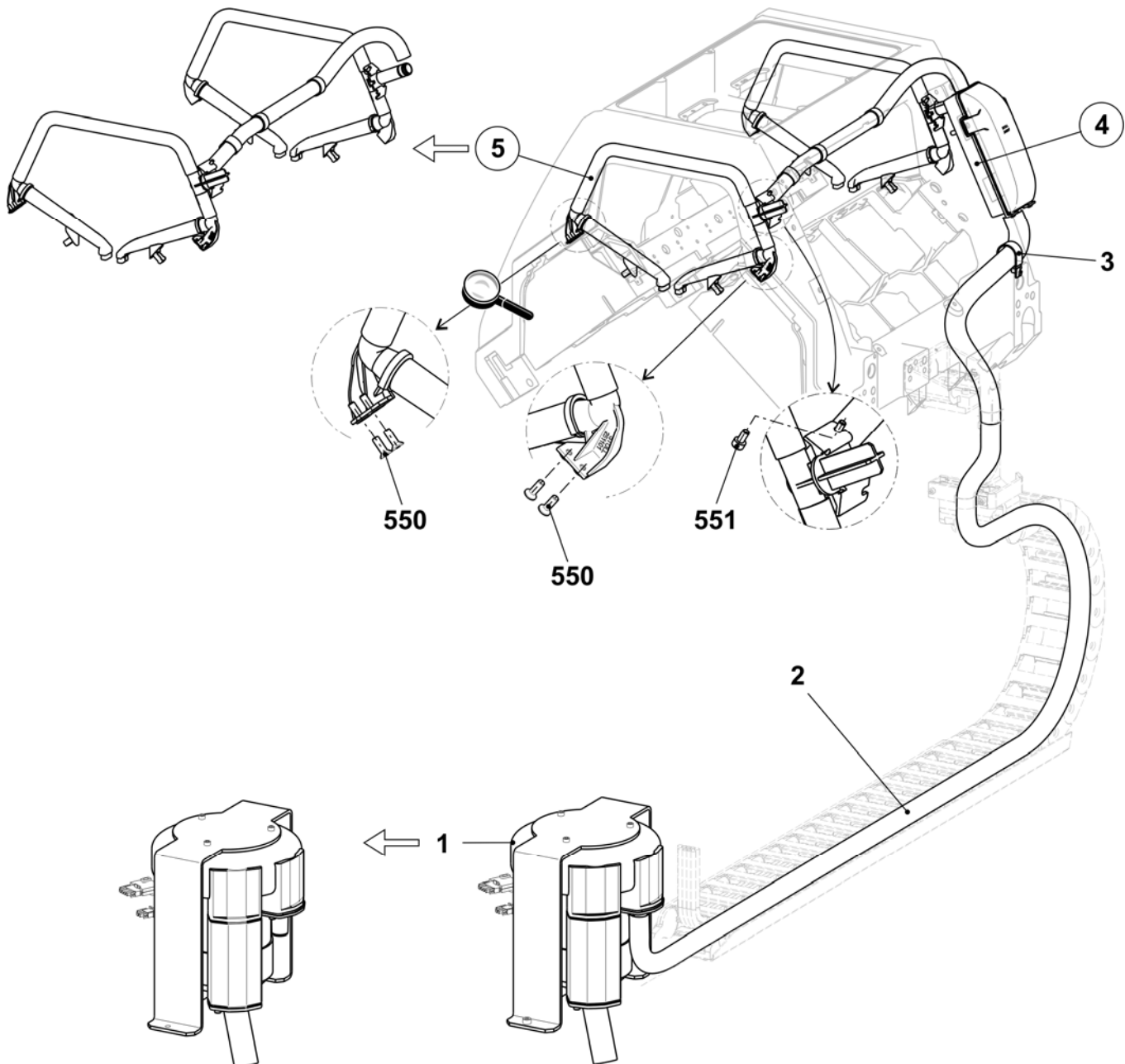


## Fluff absorption



# Fluff absorption

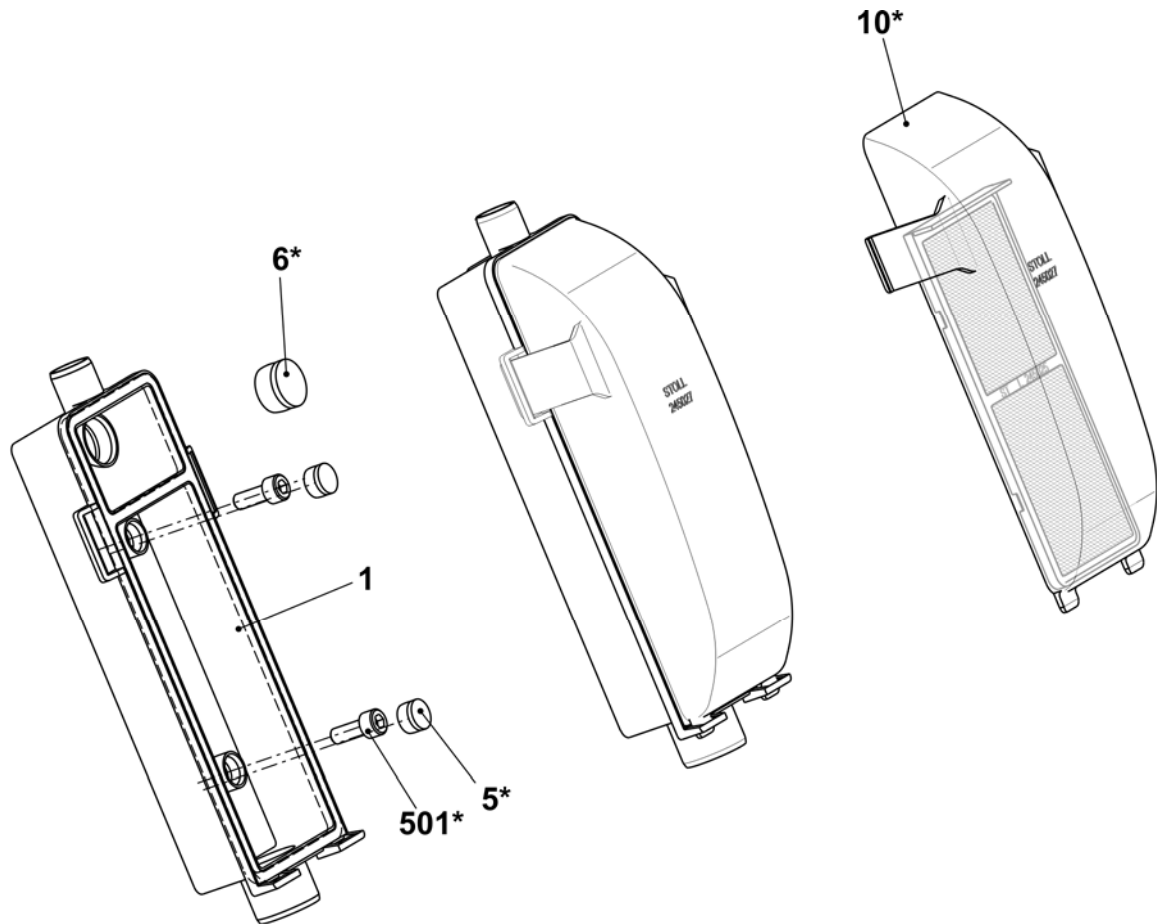
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Fluff absorption</b>				
1	Suction fan complete	251 332	5	Set of tubes complete	251 339
2	Suction hose 29x25x2800	252 627	550	Countersunk head screw M4x12	023 062
3	Cable clip	250 051	551	Cap screw M4x8	022 501
4	Lint container	245 024			





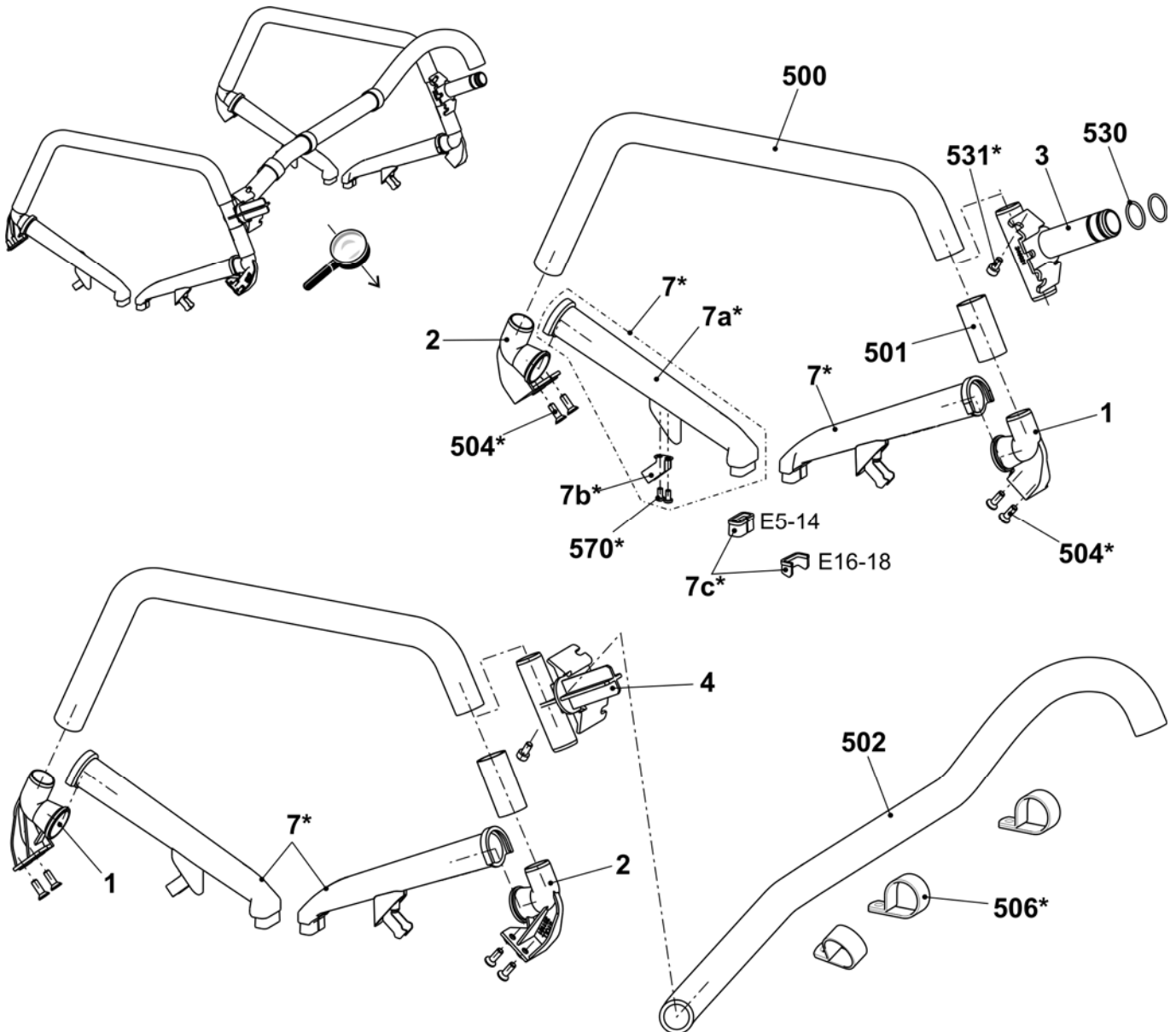
## Lint container

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Lint container</b>		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

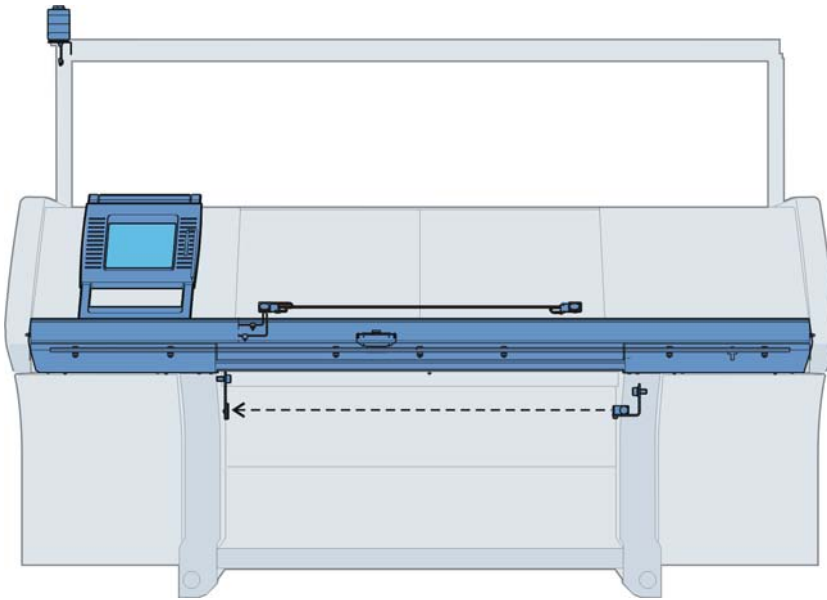


### Set of tubes

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Set of tubes complete 530/520C</b>	<b>251 339</b>			
1	Angle connection on the right	250 121	7a*	Suction tube	250 120
2	Angle connection on the left	251 101	7b*	Bracket	250 117
3	T-piece FLENT	245 021	7c*	Brush (E5-14)	251 041
	530 O-ring 15x1.5	250 054		Brush (E16-18)	251 042
	531* Cap screw M4x8	022 501	500	Suction hose 20x16x440	244 983
4	Connection piece Flent	245 022	501	Suction hose 20x16x40	251 043
7*	Suction tube complete (E5-14)	251 310	502	Suction hose 20x16x570	251 044
	Suction tube complete (E16-18)	251 311	504*	Countersunk head screw M4x12	023 062
			506*	Cable clip	250 051

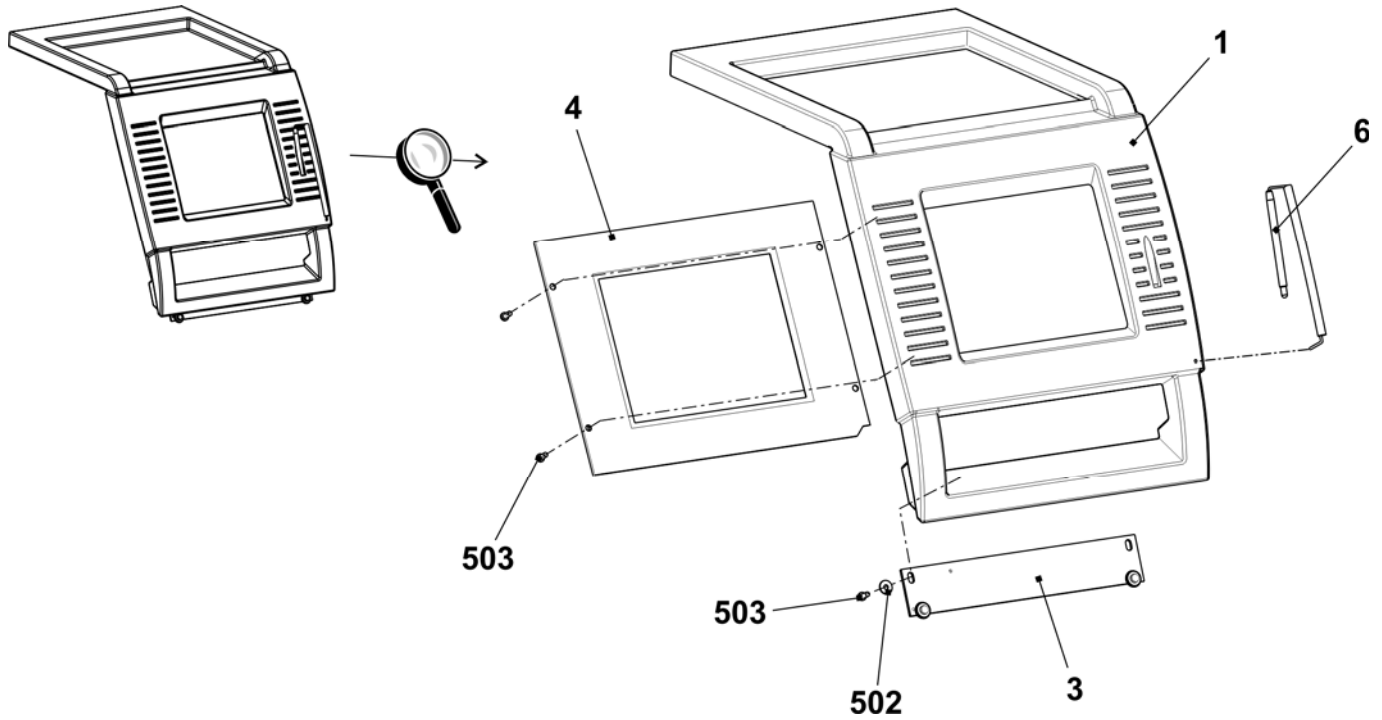


## Operation and control



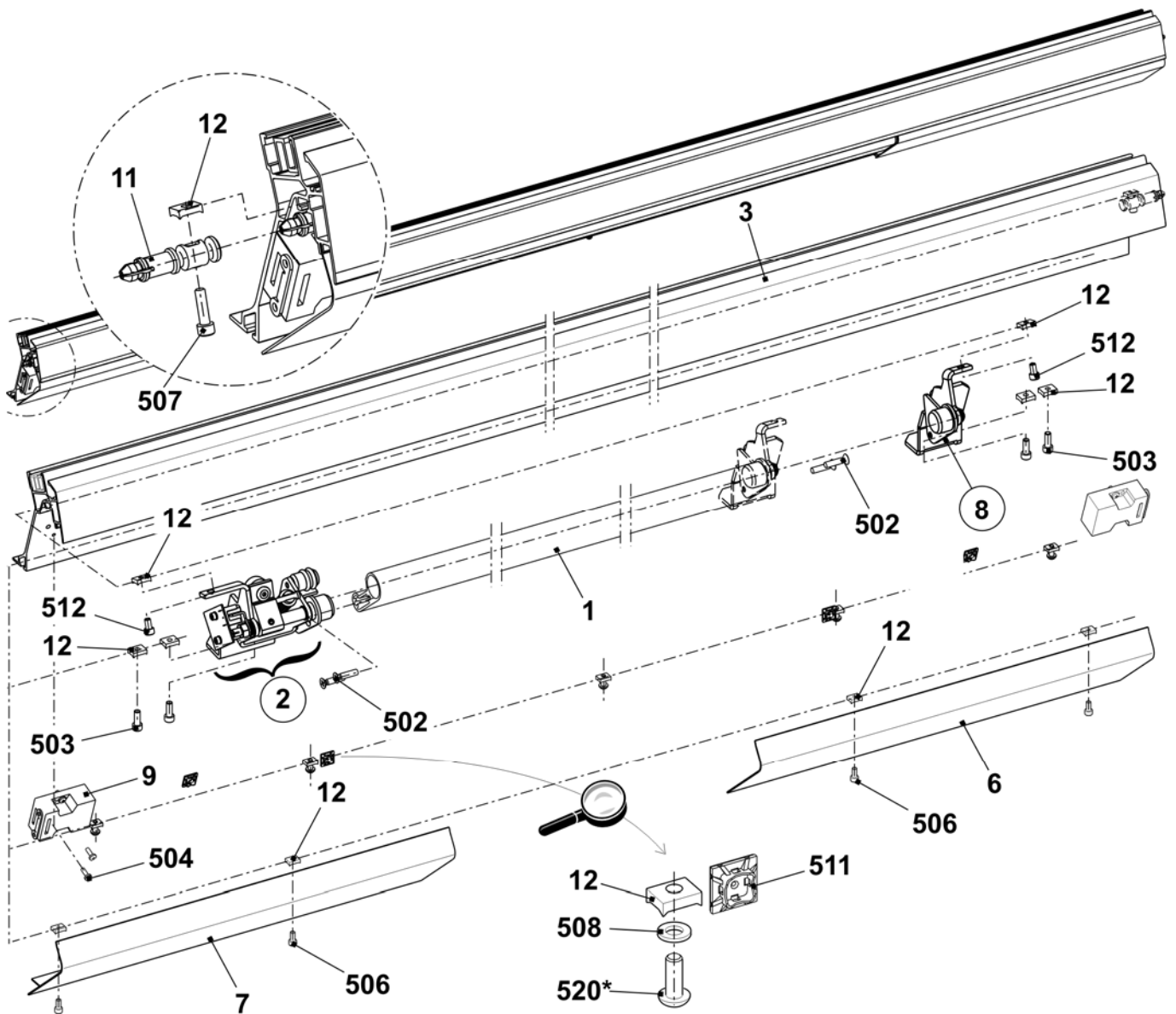
## Input unit

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Input unit complete</b>	<b>240 194</b>			
1	Base frame	240 195	6	Touch pen	242 812
3	Bearing strip complete	240 198	502	Washer	020 901
4	Display touch complete	250 298	503	Screw KB 50x12	240 359



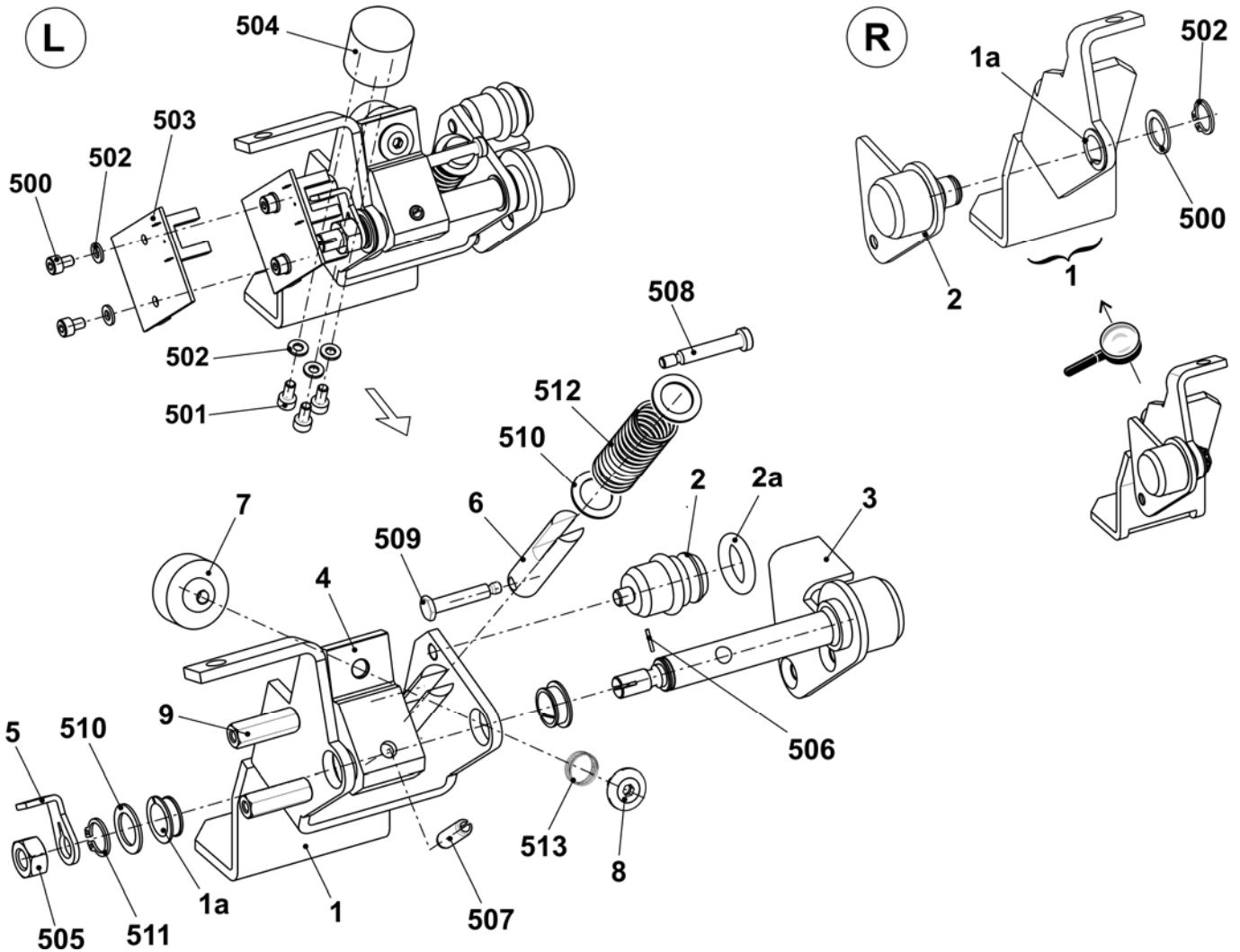
## Starting unit

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Starting unit complete</b>	<b>240 306</b>	500	Locking ring 12x1	020 951
1	Engaging rod	240 227	501	Shim ring 12x18x1	023 315
2	Bearing on the left complete	250 071	502	Screw M6x25	023 510
3	Guide rail at the bottom complete	251 225	503	Cap screw M6x16	020 135
5	Shaft on the right	242 888	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 M6x20-12.9	020 136
8	Bearing on the right complete	252 964	508	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
12	Sliding nut (sliding block)	225 099	520*	Countersunk screw M6x16	023 124



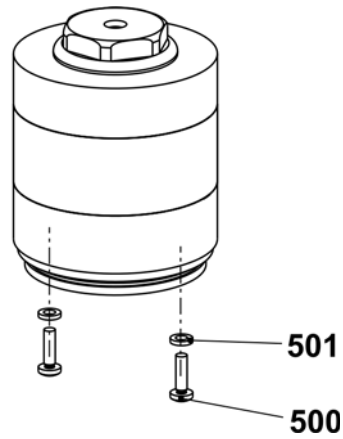
## Bearing of the engaging rod

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>L</b>	<b>Bearing on the left complete</b>	<b>250 071</b>			
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	245 223	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	245 224			
9	Distance bolt	240 287	<b>R</b>	<b>Bearing on the right complete</b>	<b>252 964</b>
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 OKC	240 167	500	Shim ring 12x18x1	023 315
504	Adhesive magnet direct current	026 233	502	Locking ring 12x1	020 951



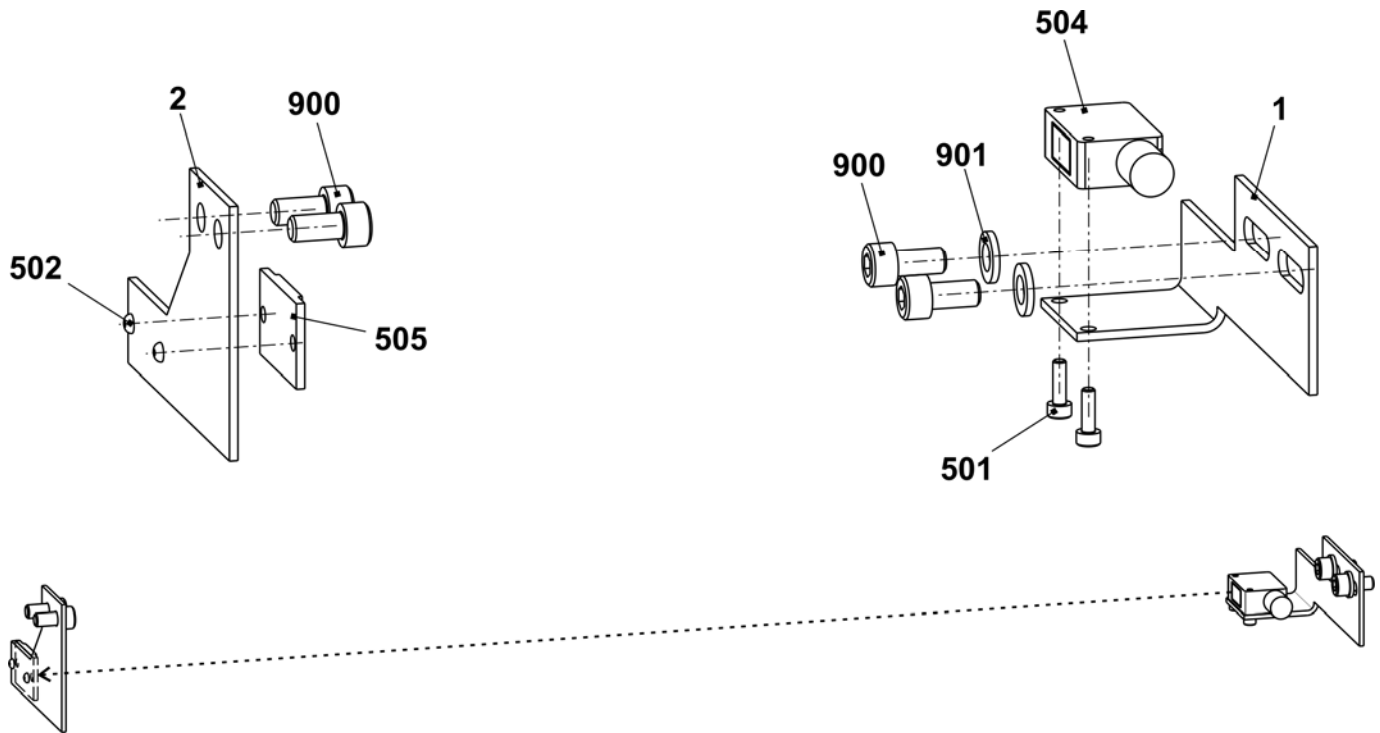
## Signal light

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Signal light LED single lamp with horn</b>	<b>251 153</b>			
	500	Countersunk screw M4x14			
	501	Serrated lock washer A4.3-FS			



## Collecting area - control

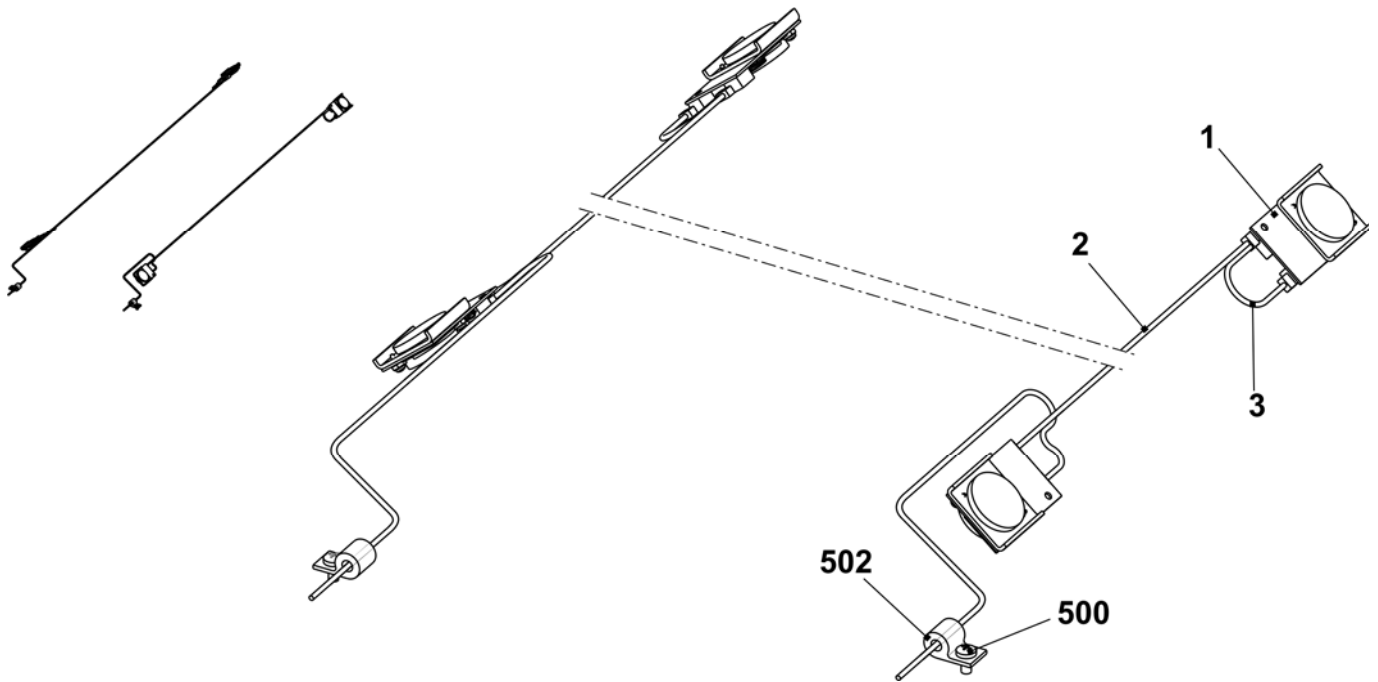
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Collecting area - control</b>	<b>240 157</b>	504	Photoelectric sensor WI100-P4330	243 355
1	Angle support photoelectric sensor	243 353	505	Reflector 20x20 mm	243 356
2	Mounting plate reflector	243 354	900	Cap screw M6x12	020 134
501	Cap screw M3x10	022 991	901	Washer	020 872
502	Blind rivet A3x8-AI	023 158			





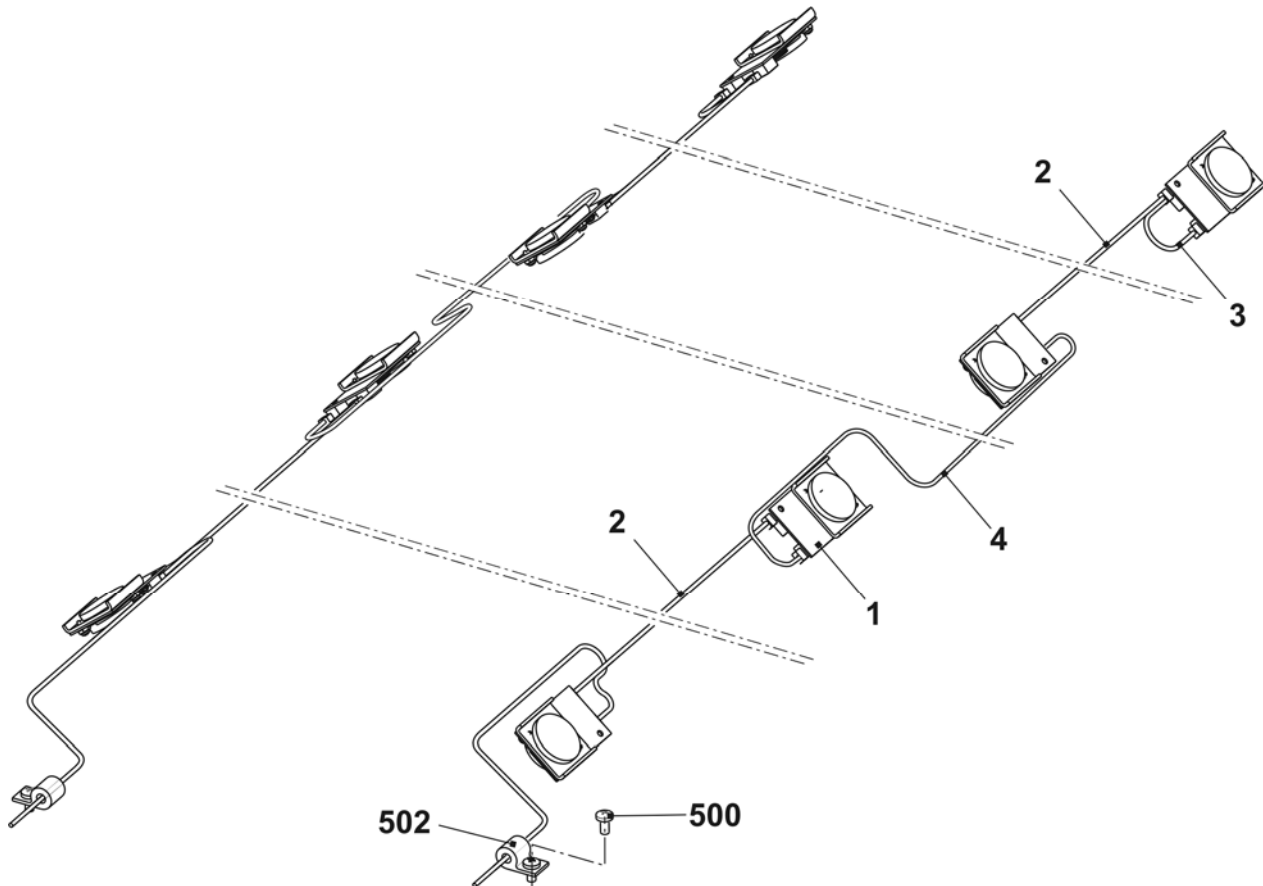
## Shock stop motion (up to E14)

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>Shock stop motion complete E5 – E14</b>	<b>241 819</b>	3	End plug piezo sensor	220 053
1	Shock stop motion (Piezo)	220 011	500	Countersunk screw M4x8	023 036
2	Connecting cable piezo sensor	220 061	502	Cable clip N-3B, 5 mm	210 729



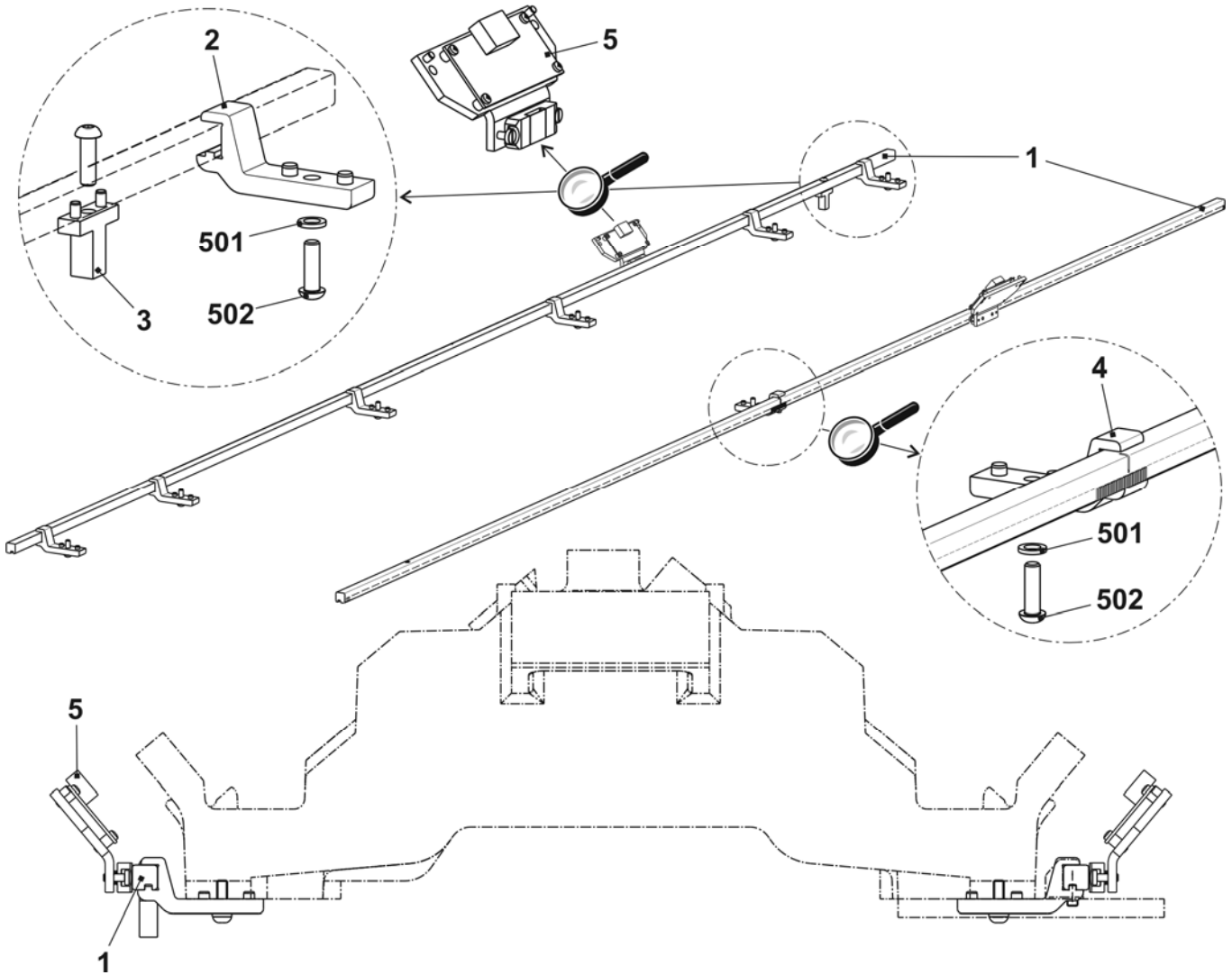
## Shock stop motion E16-18

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Shock stop motion complete E16-18</b>	<b>250 384</b>			
1	Shock stop motion (Piezo)	220 011	4	Cable connection piezo	250 295
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

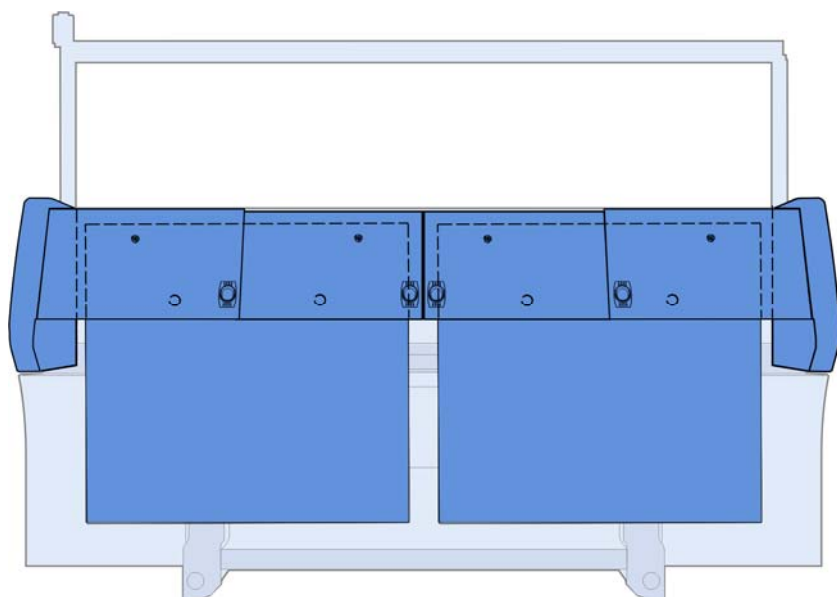


## Measuring device

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	Measuring device	240 661	5	Measuring head complete	240 562
1	Measuring bar	240 229			
2	Guidance	212 210			
3	Stop point	209 289			
4	Guidance	240 672			
501	Washer	020 881			
502	Countersunk screw	241 603			

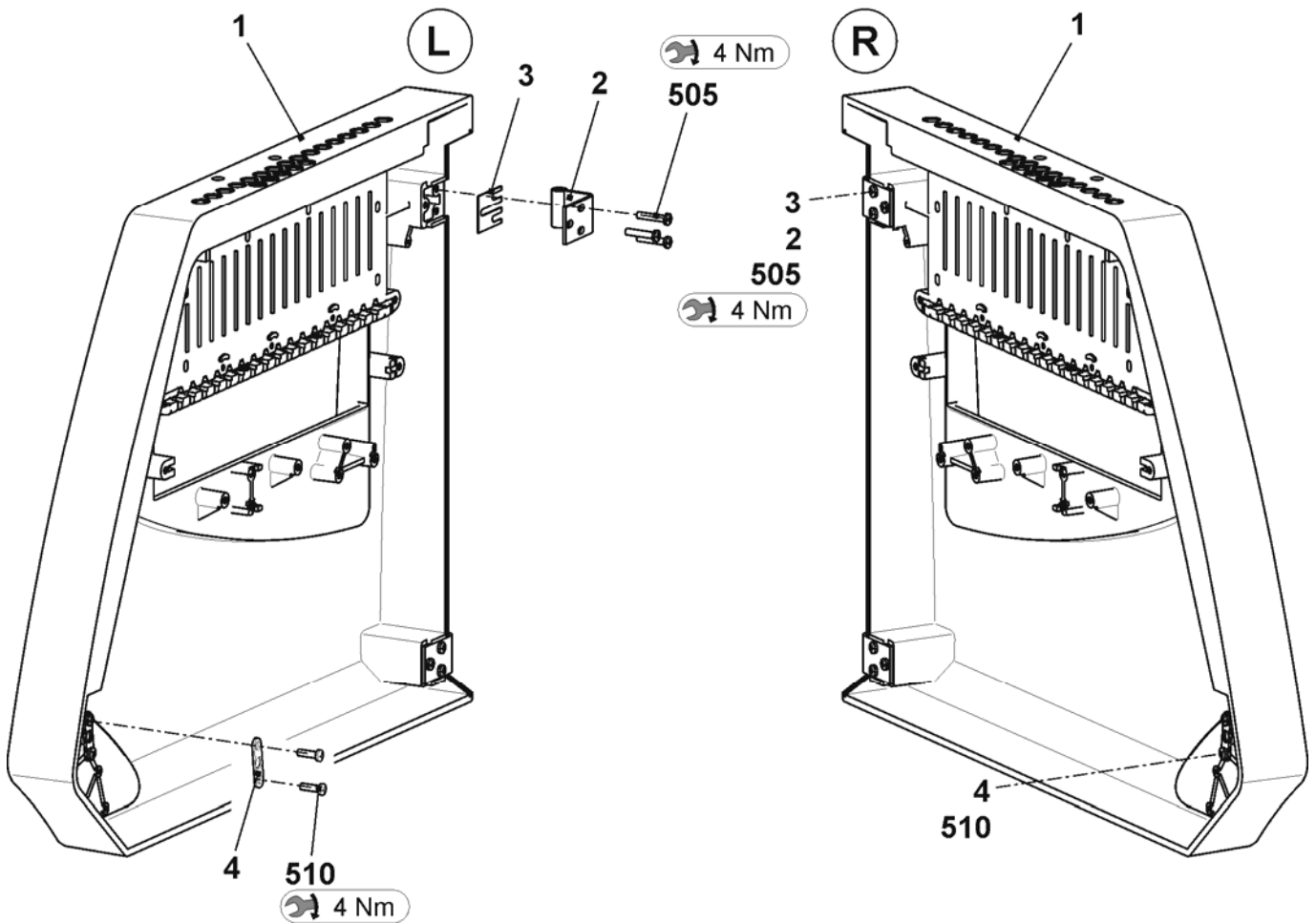


# Protective units



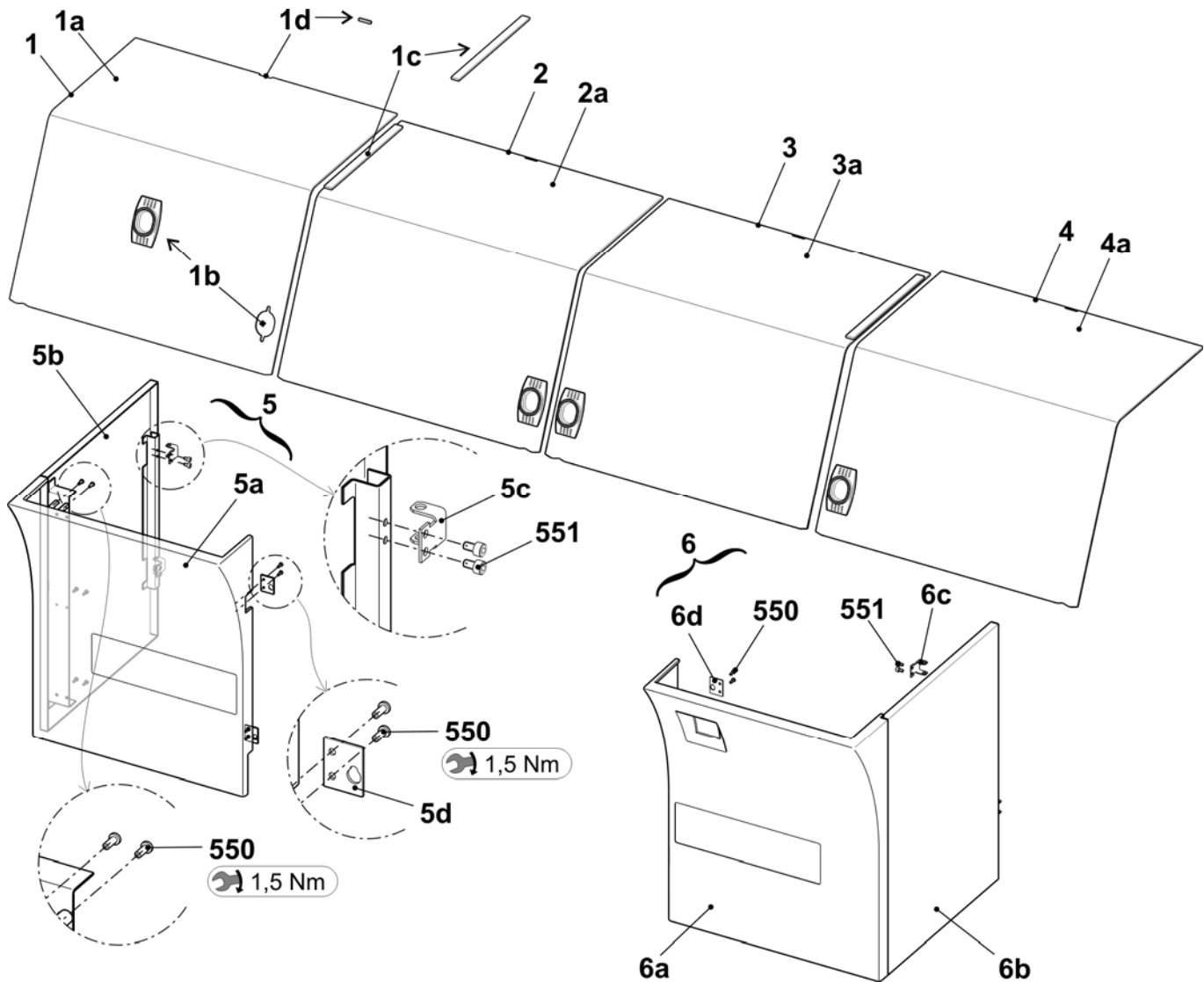
## Lateral safety covers

Pos	Designation	Ident No	Pos	Designation	Ident No
Σ	<b>Left safety cover</b>		Σ	<b>Right safety cover</b>	
	E3 - E5	241 271		E3 - E5	241 274
	E7 - E8	241 272		E7 - E8	241 275
	E10 - E18	241 273		E10 - E18	241 276
1	Safety cover on the left	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			



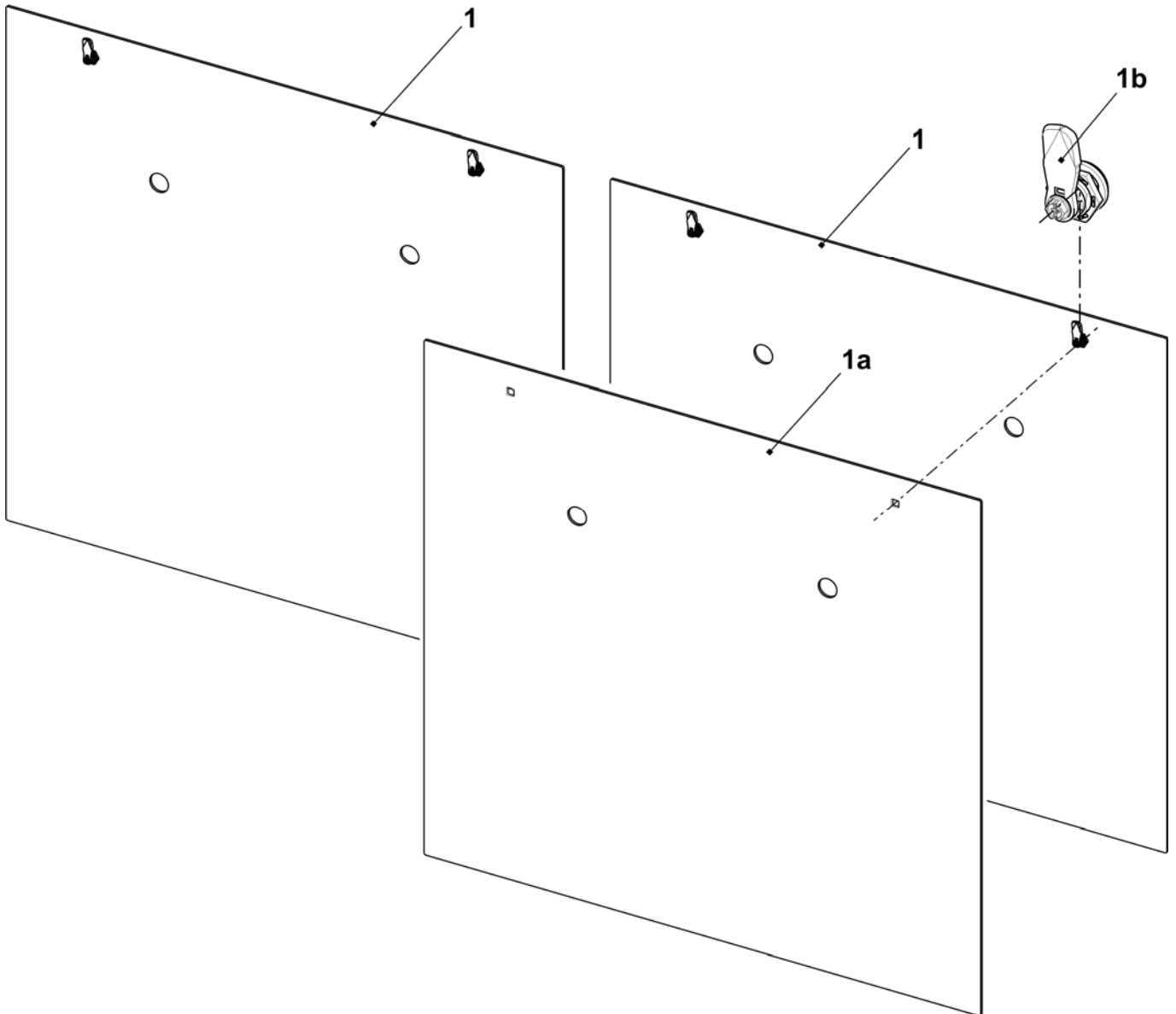
# Panelling

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Cover 1 complete	250 680	3	Cover 3 complete	250 682
	1a Cover 1	250 684		3a Cover 3	250 686
	1b Inlet type handle	240 210		1b Inlet type handle	240 210
	1c Stripper	219 393		1c Stripper	219 393
	1d Magnet	204 666		1d Magnet	204 666
2	Cover 2 complete	250 681	4	Cover 4 complete	250 683
	2a Cover 2	250 685		4a Cover 4	250 687
	1b Inlet type handle	240 210		1b Inlet type handle	240 210
	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
	5a Control unit panelling on the left	251 185		6a Control unit panelling on the right	251 186
	5b Side part	244 989		6b Side part	244 989
	5c Hinge	250 273		6c Hinge	250 273
	5d Strap	240 412		6d Strap	240 412
	550 Screw KB 50x12	240 359		550 Screw KB 50x12	240 359
	551 Cap screw M6x10	023 690		551 Cap screw M6x10	023 690

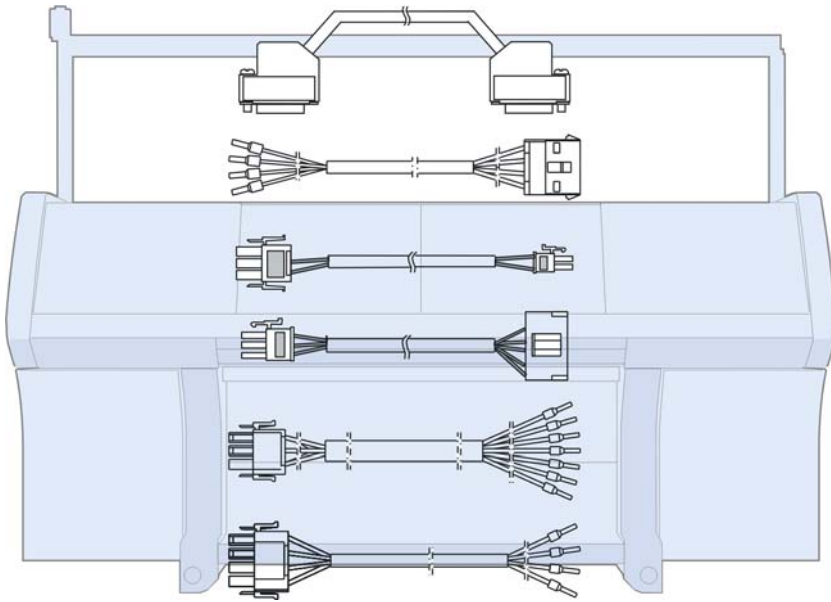


## Rear panel

Pos	Designation	Ident No	Pos	Designation	Ident No
1	<b>Panelling at the rear complete</b>	<b>251 565</b>	1a	Panelling	251 564
			1b	Safety sash fastener	243 052



# Electrical equipment

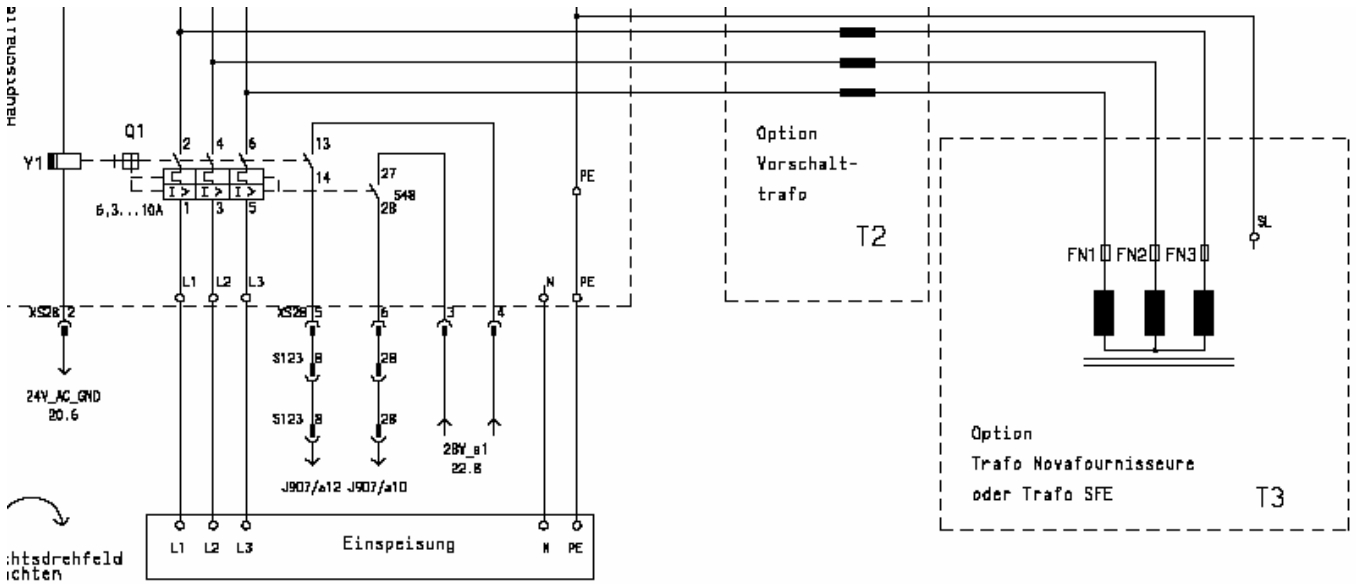






## Circuit diagram as PDF

Designation	Ident No	Identification
Circuit diagram 219 German	243 991	_DE
Circuit diagram 219 English	243 991	_GB
Circuit diagram 219 Chinese	243 991	_CN

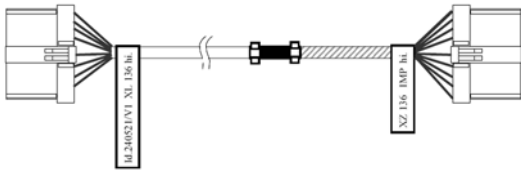
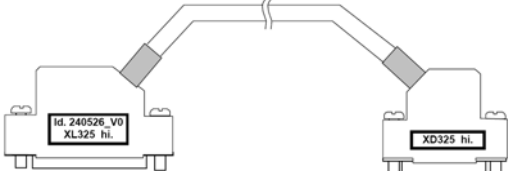
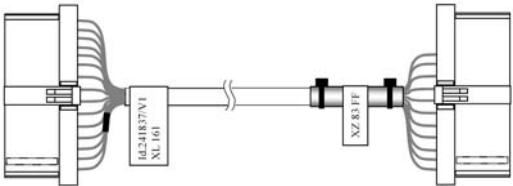
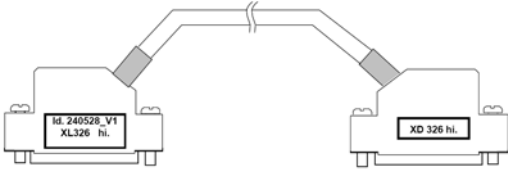
You will find the circuit diagram 219 on the CMS documentation DVD with the identification number 242283




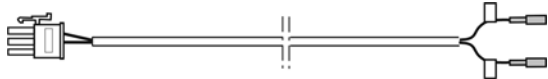
## Fuses

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

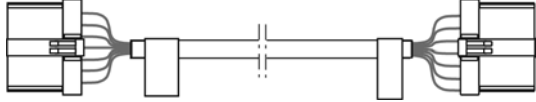
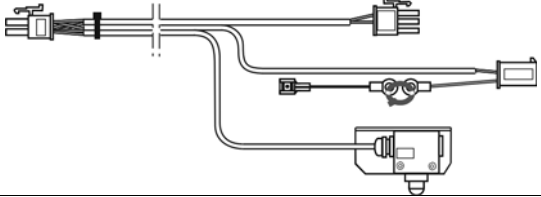

## Trailing cable

Designation	Ident No	Designation	Ident No
Cable impulse giver at the rear XL136	240 521	Cable SM at the rear XL325	240 526
Cable impulse giver at the front XL137	240 522	Cable SM at the front XL327	240 527
			
Cable yarn carrier XL161	241 837	Cable signal at the rear XL326	240 528
			

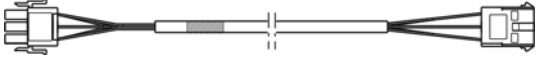
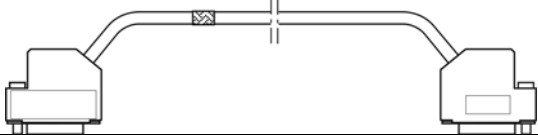
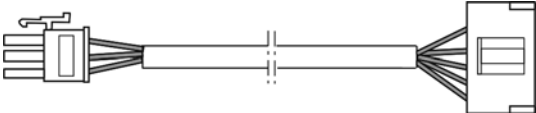
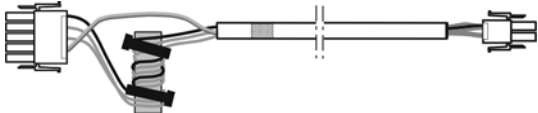

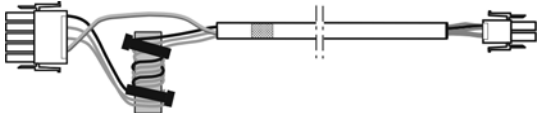
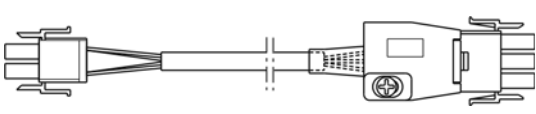
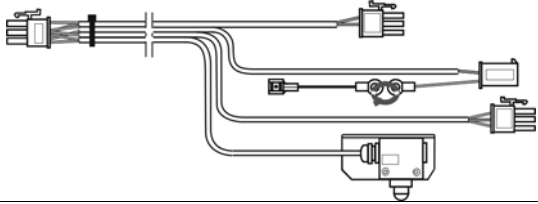
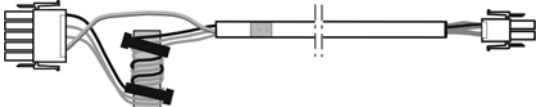
## Cable set installation

Designation		Ident No	Designation		Ident No
Σ	<b>Cable set installation 530T okc</b>	<b>240 192</b>			
1	Loom of cables base 1 OKC	240 256	3	Loom of cables 50" OKC	240258
2	Loom of cables base 2 OKC	240 257	4	Loom of cables comb OKC	240 259
8	Cable Piezo needle bed OKC	240 518	10	Cable switch main take-down 50" OKC	240 537
					

## Loom of cables base 1 OKC


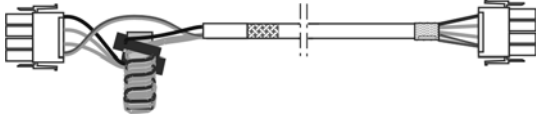

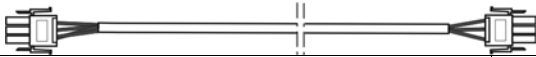
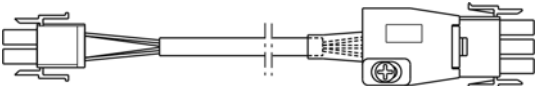
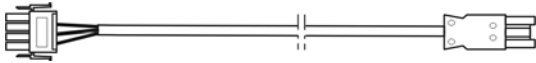
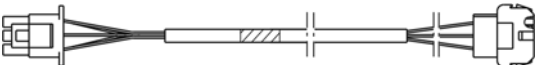


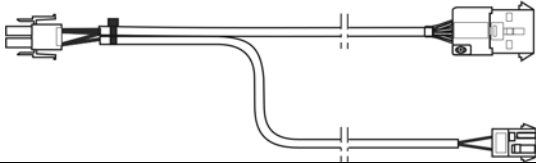
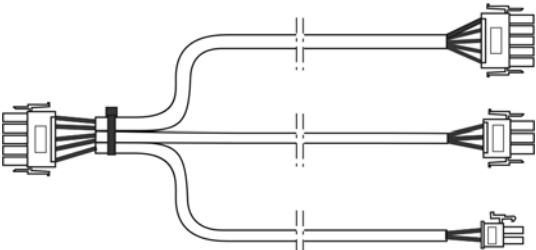
<i>Designation</i>		<i>Ident No</i>		<i>Designation</i>		<i>Ident No</i>	
<b>Σ</b>	<b>Loom of cables base 1 OKC</b>	<b>240 256</b>					
	Cable engaging OKC 3XX	240 289			Cable protective unit on the left OKC	238 705	
							
	Cable mains supply FKE lamp OKC	240 290					
							

## Loom of cables base 2 OKC

Designation		Ident No	Designation		Ident No
<b>Σ</b>	<b>Loom of cables base 2 OKC</b>	<b>240 257</b>			
	Cable motor HIAB OKC	240 291		Cable resolver drive OKC	240 296
					
	Cable limit switch racking OKC 3xx	240 292		Cable racking motor OKC 3xx	240 297
					
	Cable ventilator drive 3xx OKC	240 293		Cable resolver racking OKC 3xx	240 298
					
	Cable feed wheel on the right / on the left OKC	240 294		Cable protective unit on the right OKC	238 706
					
	Cable drive motor okc 3xx	240 295			
					



## Loom of cables 50"

<i>Designation</i>	<i>Ident No</i>	<i>Designation</i>	<i>Ident No</i>
<b>Loom of cables 50" OKC</b>	<b>240 258</b>		
Cable CAN 50" okc	240 459	Cable power supply Servo 50" okc	240 502
			
Cable electro 50" OKC	238 703	Cable power supply of mains supply OKC	240 505
			
Cable feed wheel on the left 50" OKC	240 464	Cable power supply lighting	236 572
			
Cable motor HIAB 50" OKC	240 467	Cable switch HIAB 3xx OKC	240 472
			
Cable impulse giver HIAB 50" OKC	240 468	Cable power supply FLENT	243 141
			
Cable power supply WAZ/F 50" OKC	240 469		
			

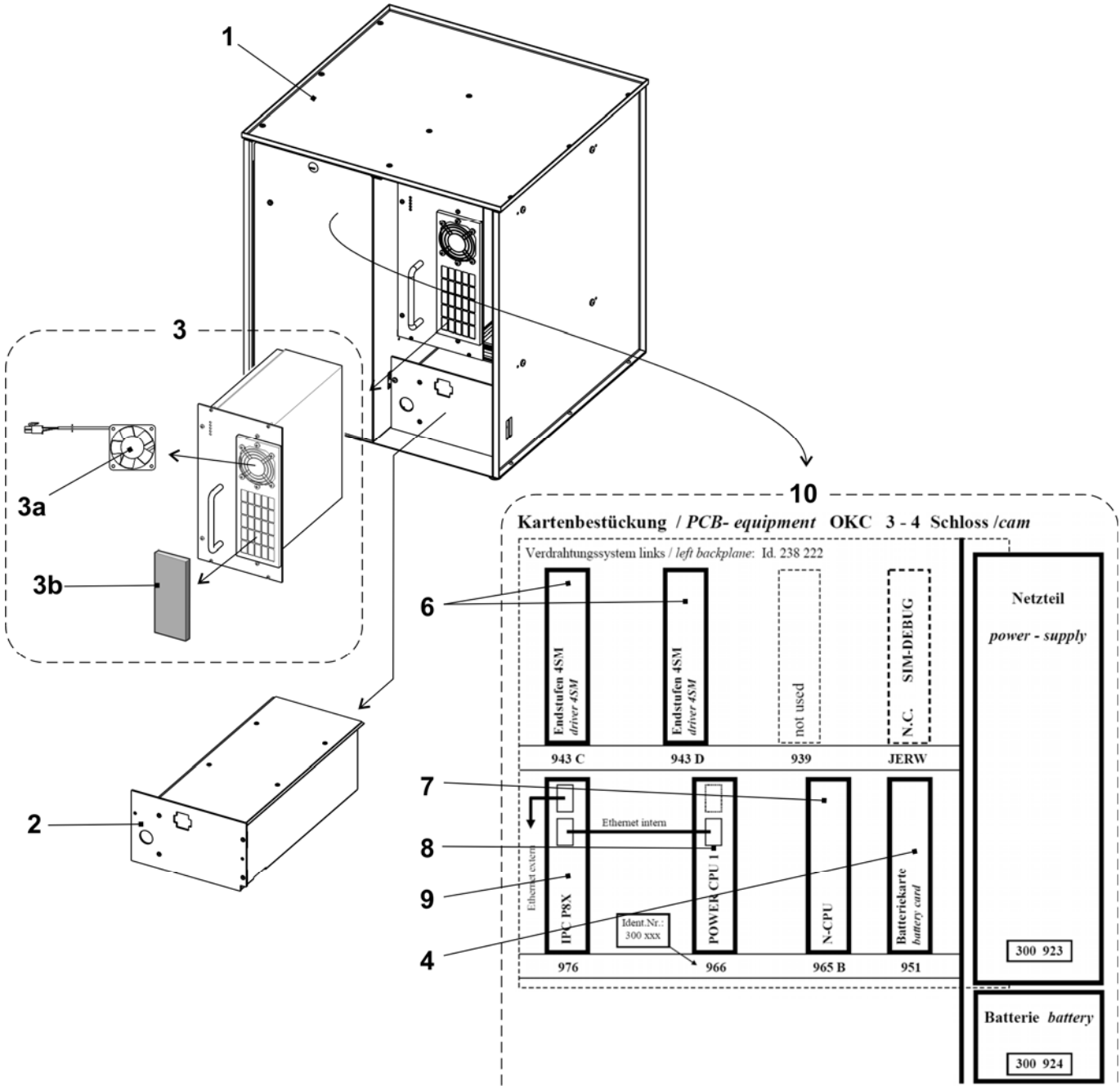


## Control electronics



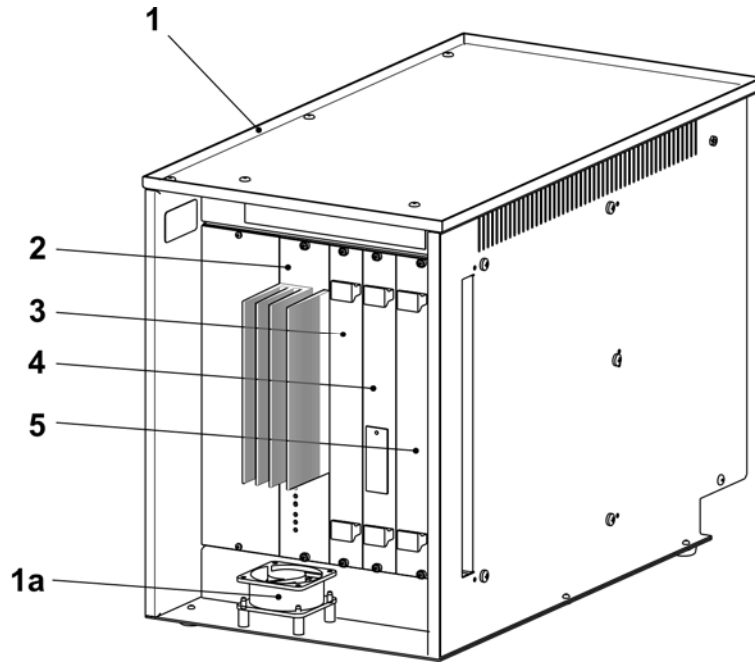
# Left control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Control unit on the left complete 530 okc</b>	<b>238 750</b>	4	Card battery OKC	300 951
1	Control unit on the left without equipment	238 751	6	Card amplifier 4SM 7TE	300 943
2	Battery plug-in unit	300 924	7	Card N-CPU 432	300 965
3	Power supply CG54	300 923	8	Card power CPU1	300 966
	3a Ventilator power supply	239 305	9	Card IPC P8X OKC	300 976
	3b Filter mat CG54	239 350	10	Adhesive label of card equipment	240 767

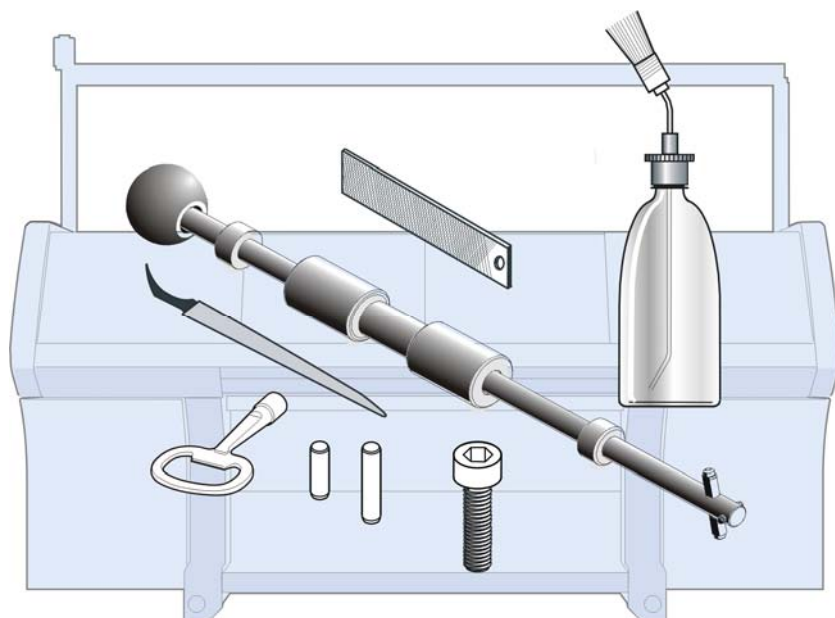


## Right control cabinet

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Control unit on the right complete OKC</b>	<b>239 899</b>			
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 servo 6 okc	301 000	5	Card CWAZ capacitor 8 μF	300 948



## Deliverable accessories

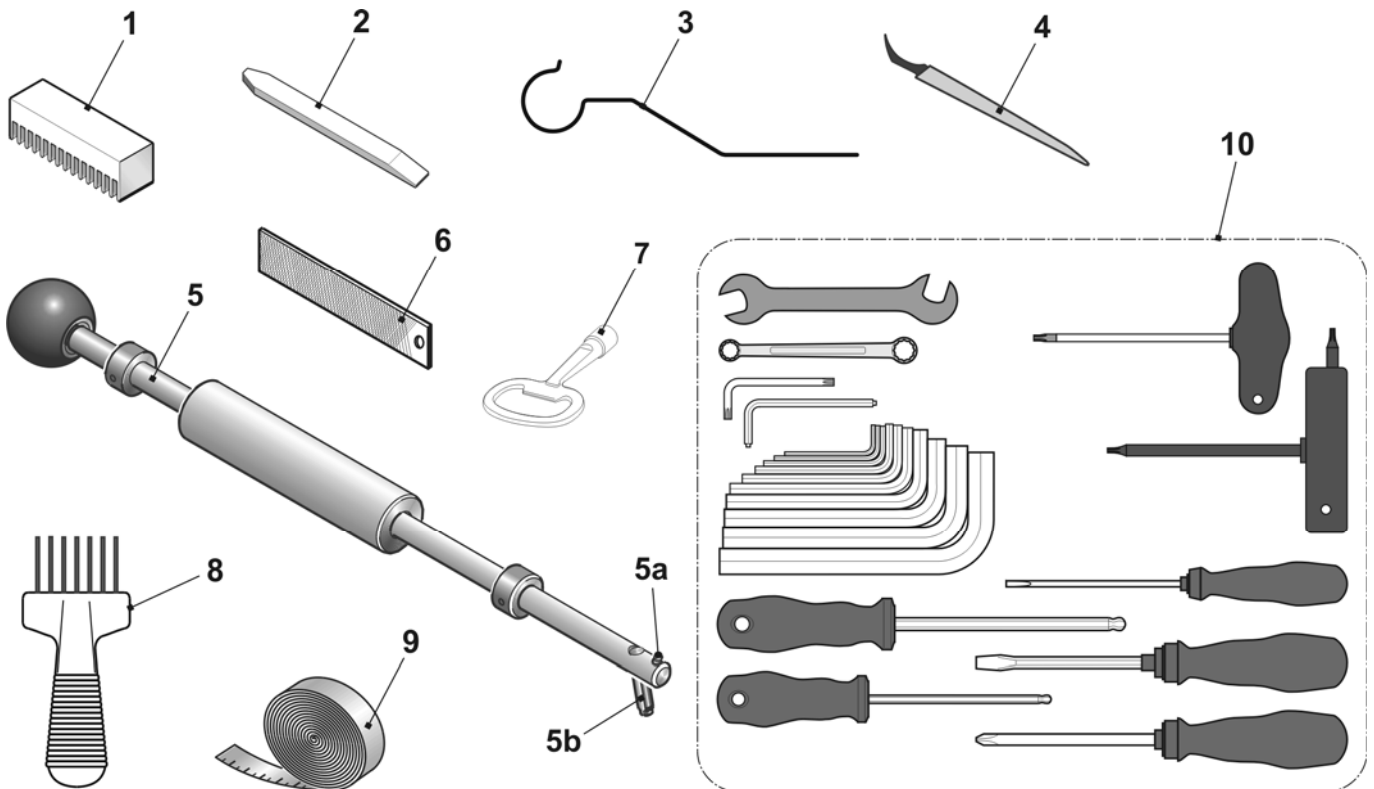


You can order the following tools, lubricants and expendables.

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

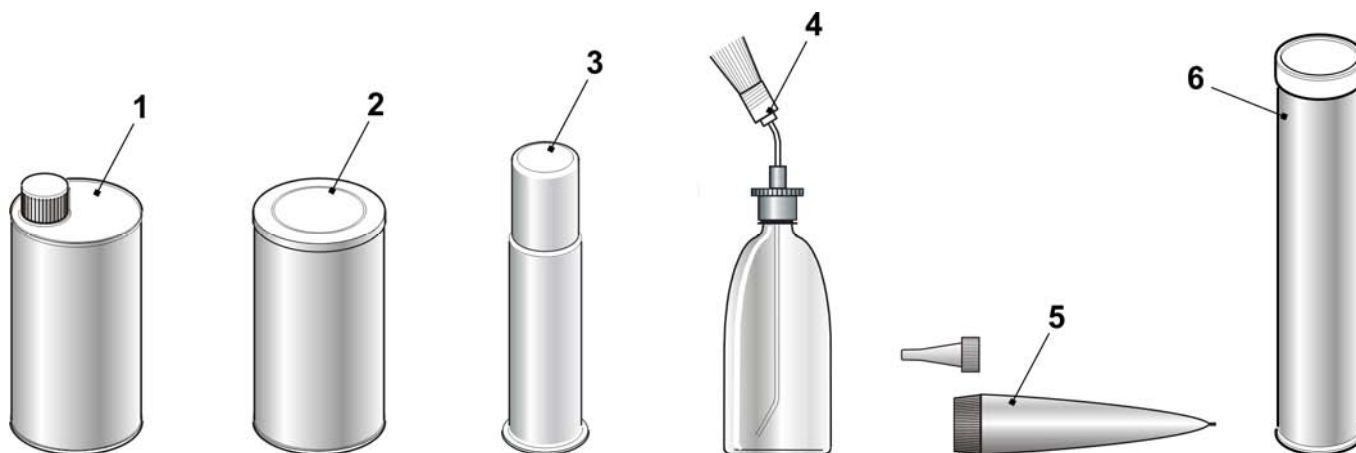
## Tool

Pos	Designation	Ident No	Pos	Designation	Ident No
1	Channel support E4	062 309	6	Groove file 1.33 mm E3-4	006 169
	Channel support E5, E2,5.2	062 310		Groove file 1.25 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
	Channel support E14, E7.2	218 069	8		Groove cleaner E4
	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	
5a	Small pin	202 843	9	Measuring tape L=150 cm	228 180
	Pin	232 022		10	Tool kit



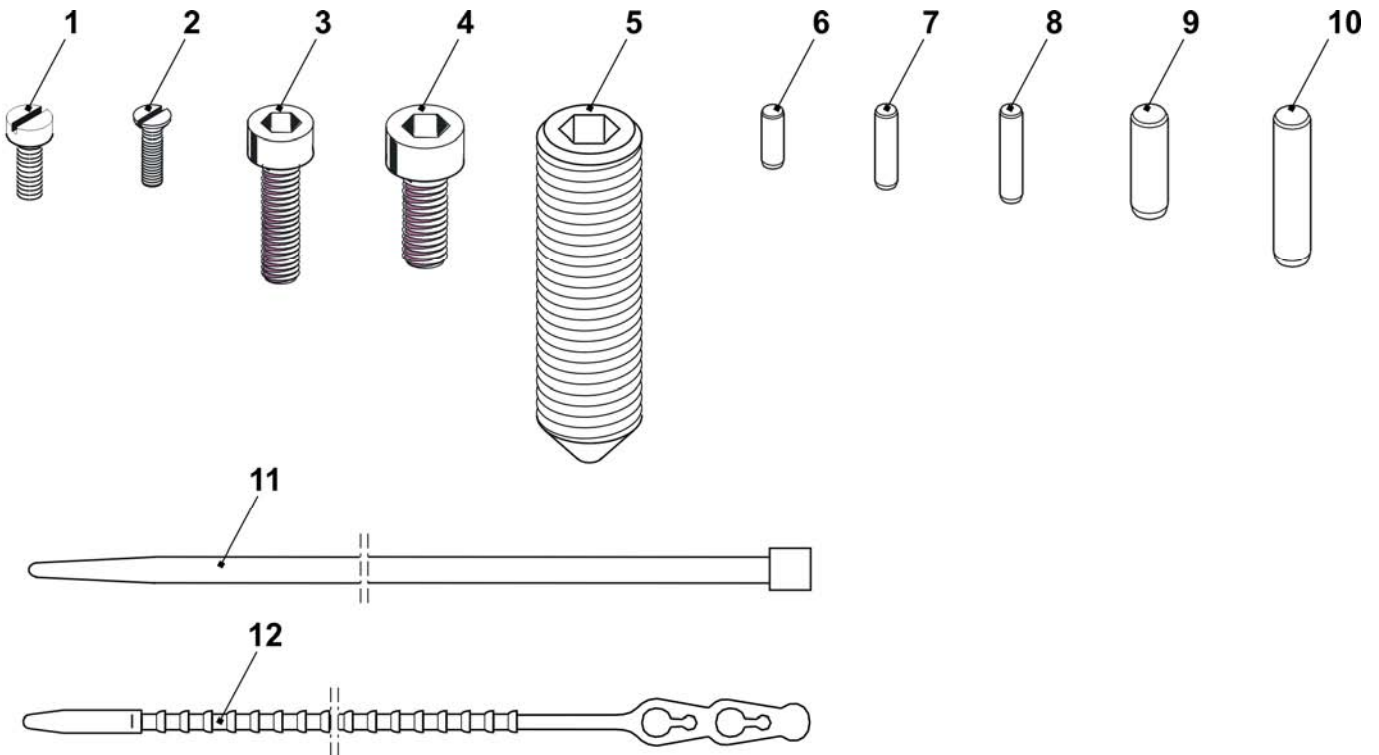
## Lubricating stuff

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

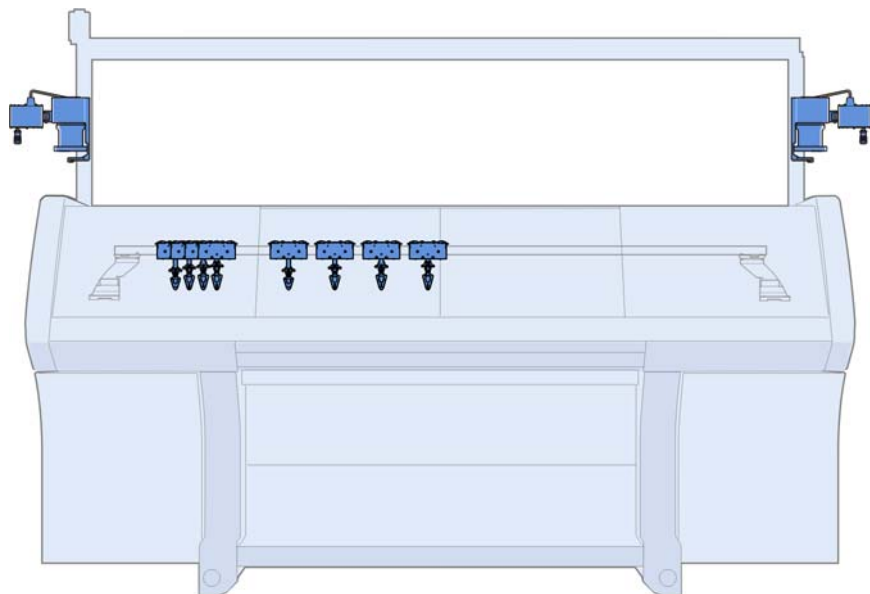


## Mechanical parts

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



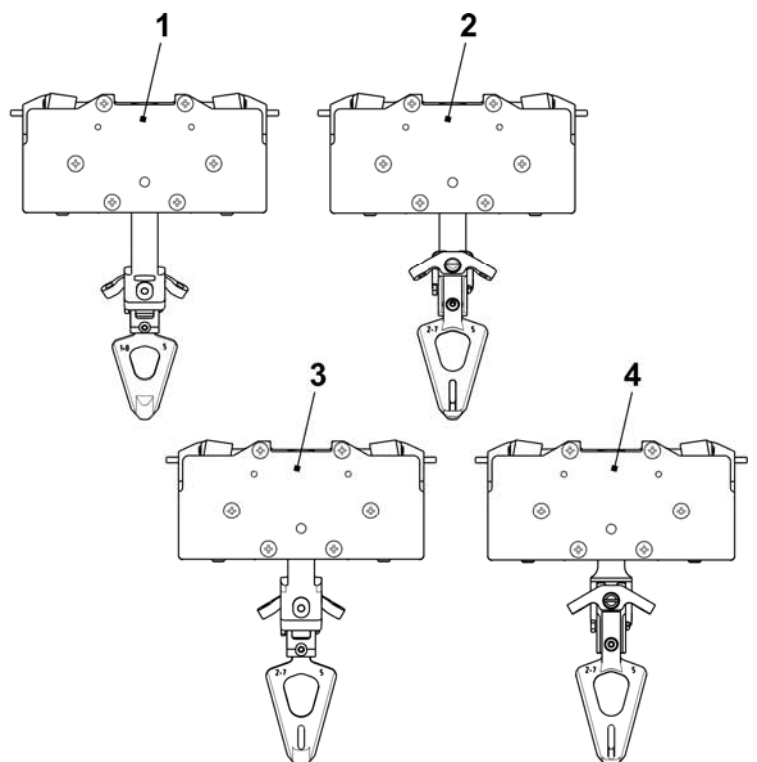
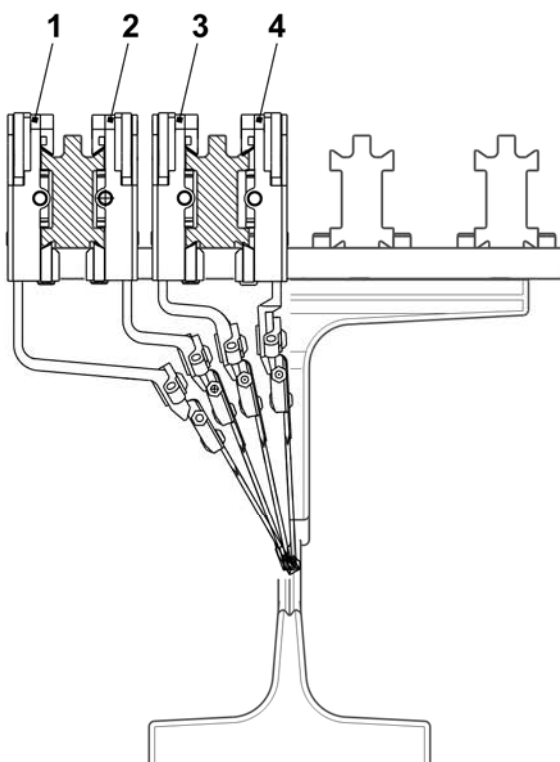
# Special equipment





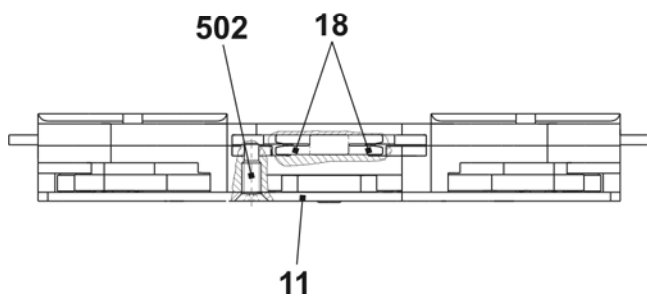
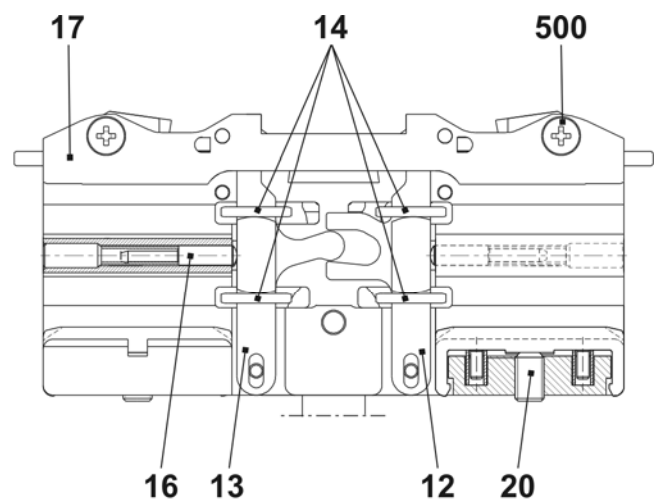
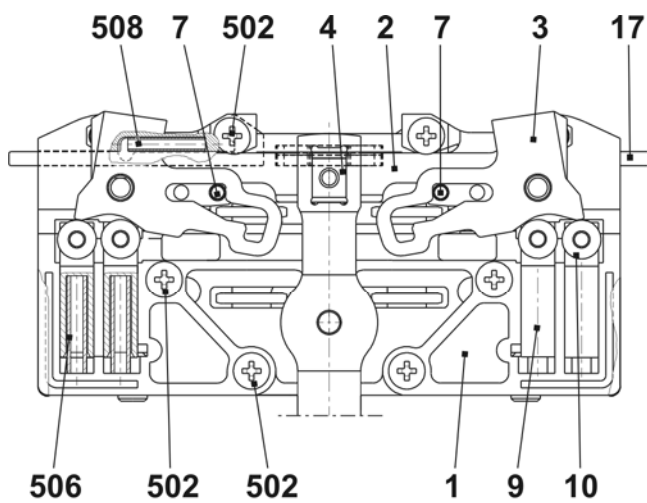
## Complete intarsia yarn carriers

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



## Carriage IYC

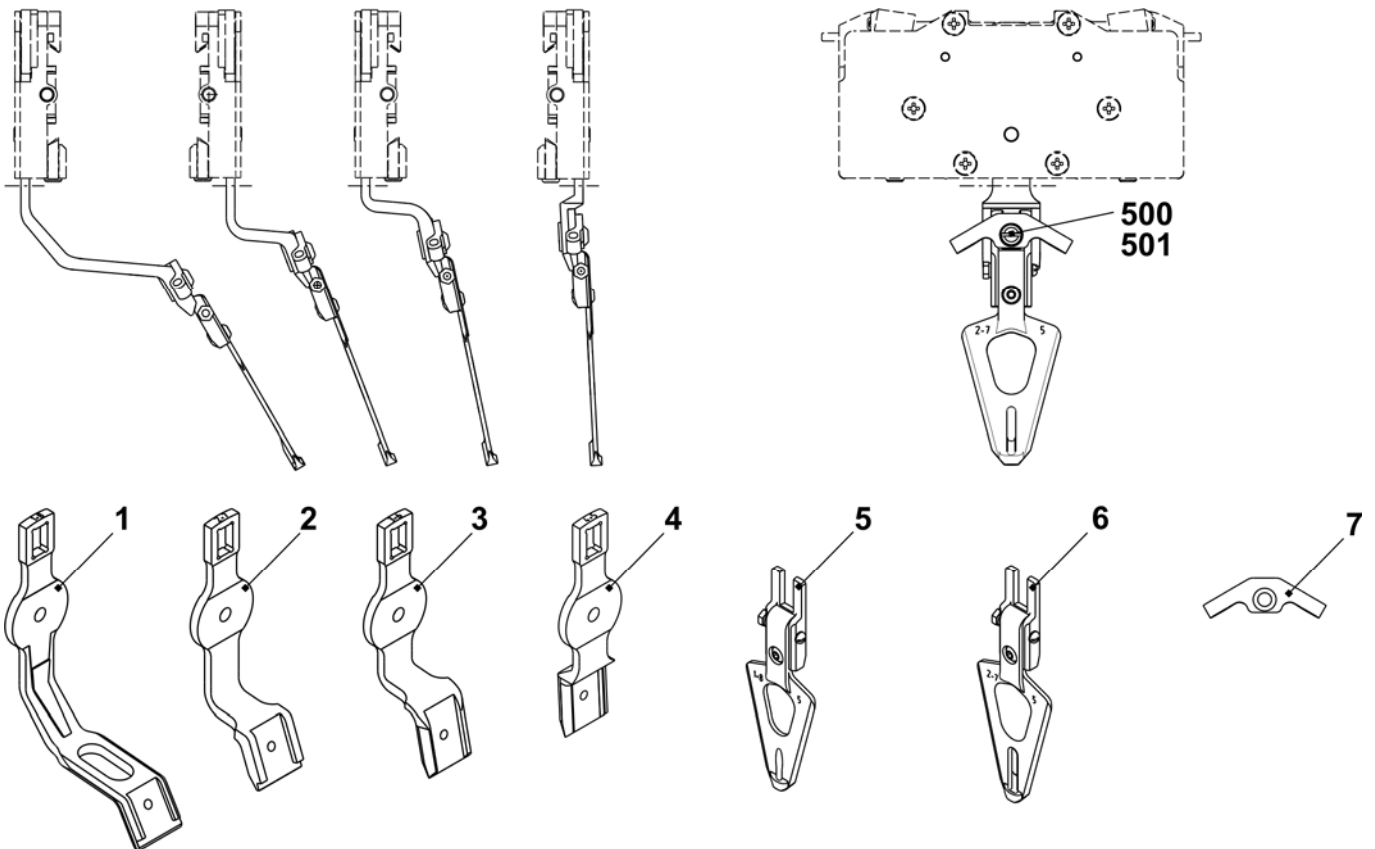
Pos	Designation	Ident No	Pos	Designation	Ident No
1	Basic plate complete	216 031	13	Clamping lever on the left	216 101
	20 Threaded bolt	213 399		14	Pressure plate 2,04
2	Slider	217 170			Pressure plate 2,06
3	Locking plunger	212 508		Pressure plate 2.02	235 740
4	Sliding block	213 807	16	Spring pin	201 677
7	Locating pin 3,3	212 504	17	Lifter	212 547
	Locating pin 3,4	212 505	18	Sliding part	212 543
	Locating pin 3.5	212 506			
9	Thrust piece	212 773	500	Countersunk head screw M4x6	022 994
10	Pressure roller	212 774	502	Countersunk head screw M4x12.5	022 979
11	Cover	212 507	506	Compression spring 4.0x0.7x25	022 969
12	Clamping lever on the right	216 087	508	Compression spring 2.8x0.35x19	023 394



## Bow and head IYC

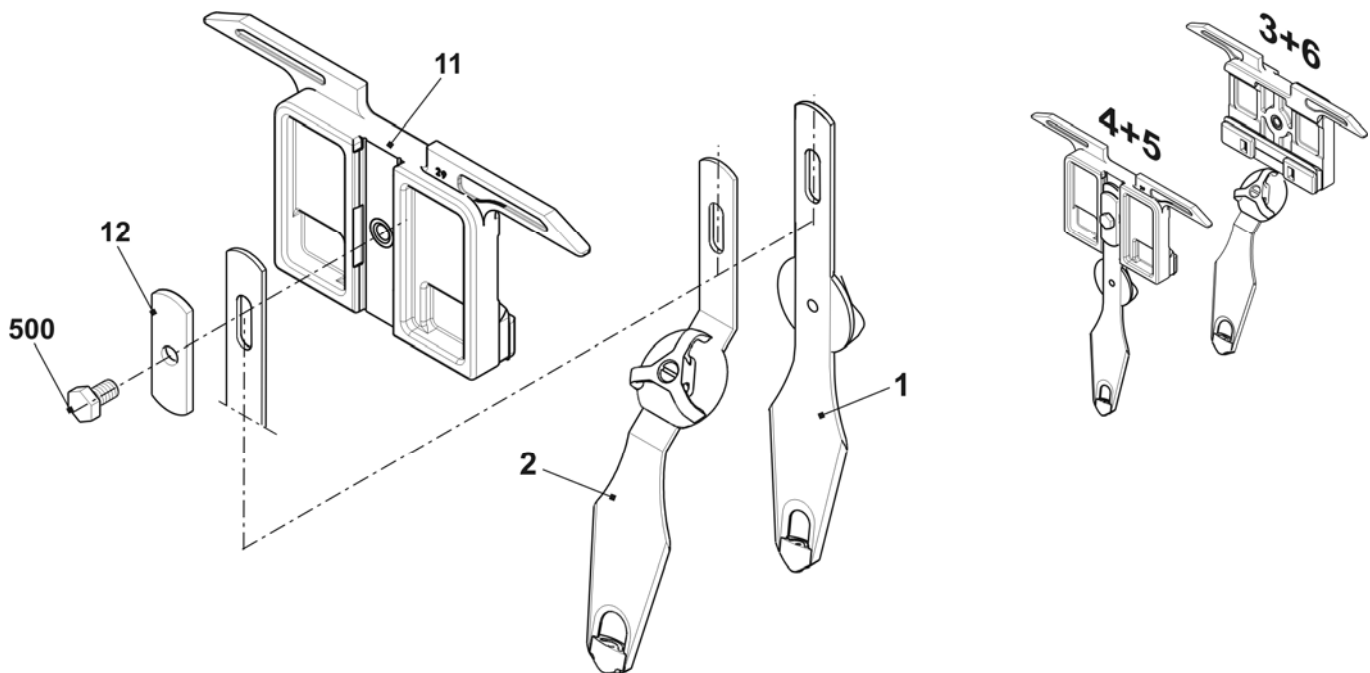
Pos	Designation	Ident No	Pos	Designation	Ident No
1	YC bow 1+8	212 986	7	Yarn guide angle	201 672
2	YC bow 2+7	212 987	500	Countersunk screw M4x8	023 579
3	YC bow 3+6	212 988	501	Circlip S4-FST	022 774
4	YC bow 4+5	212 989			

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



## Bow of plating yarn carrier

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

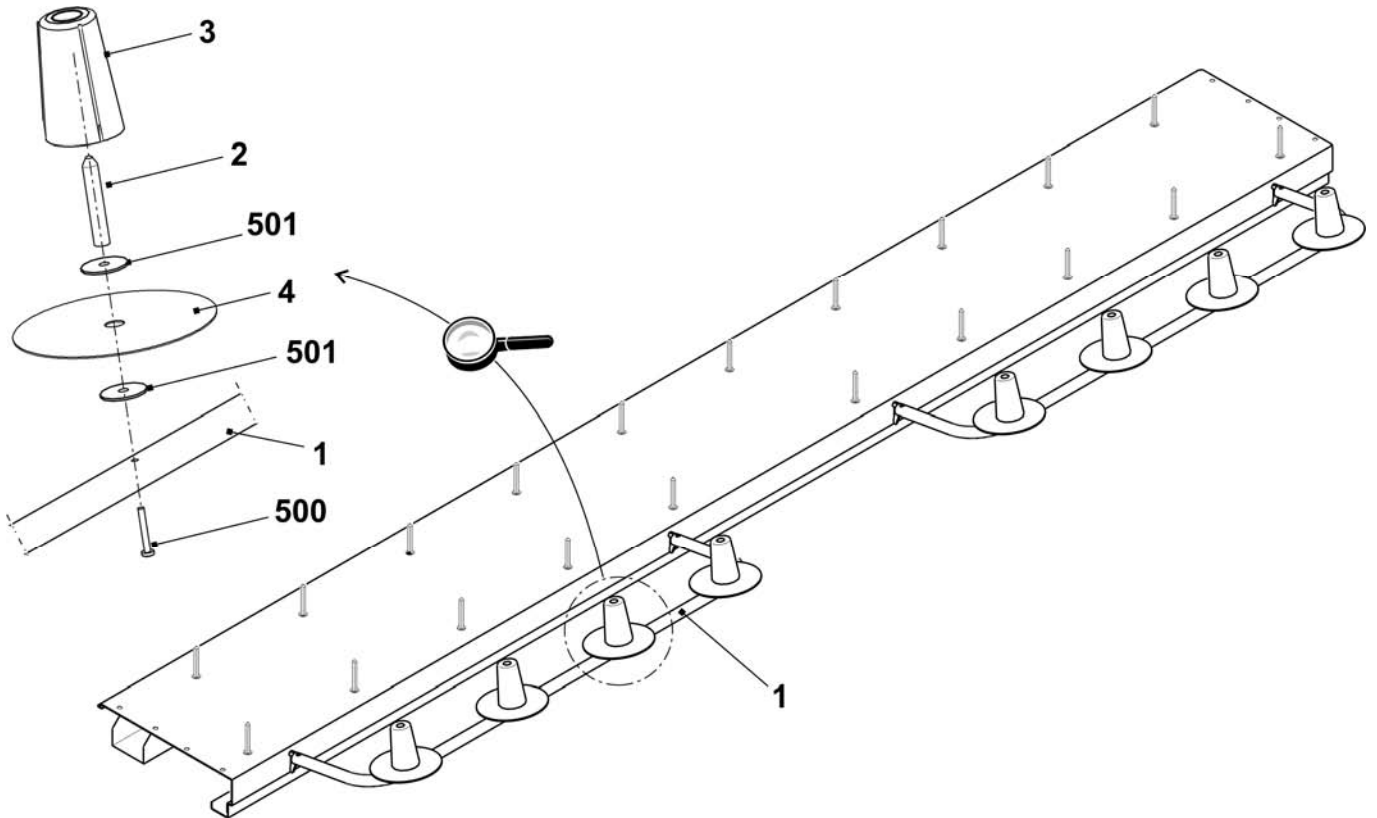






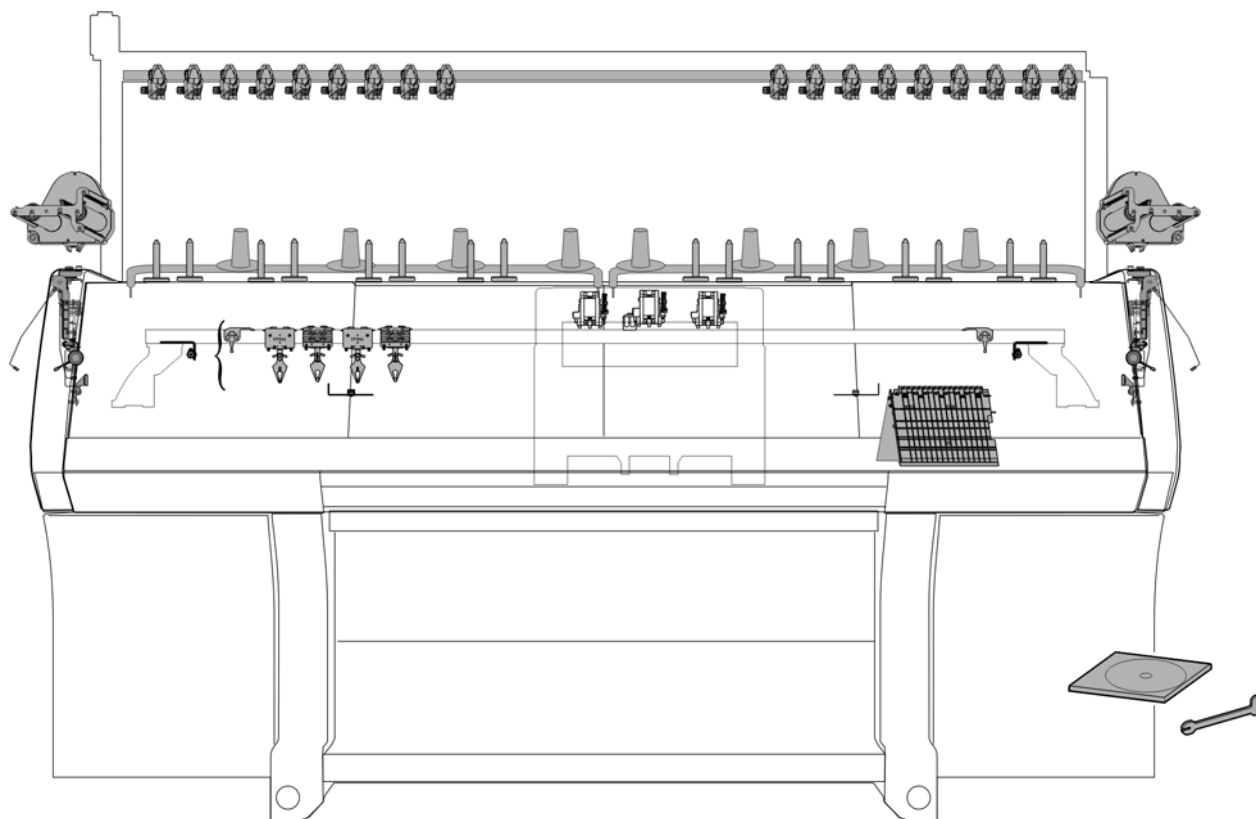
## Additional board

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Additional board</b>	<b>241 852</b>			
1	Additional board welded	241 851	4	Disc D=130	062 385
2	Positioning pin	202 777	500	Countersunk screw M4x30	023 681
3	Bobbin support	200 363	501	Washer 5.3x30x1.25	023 556



# Conversion kit 32 IYC type 2

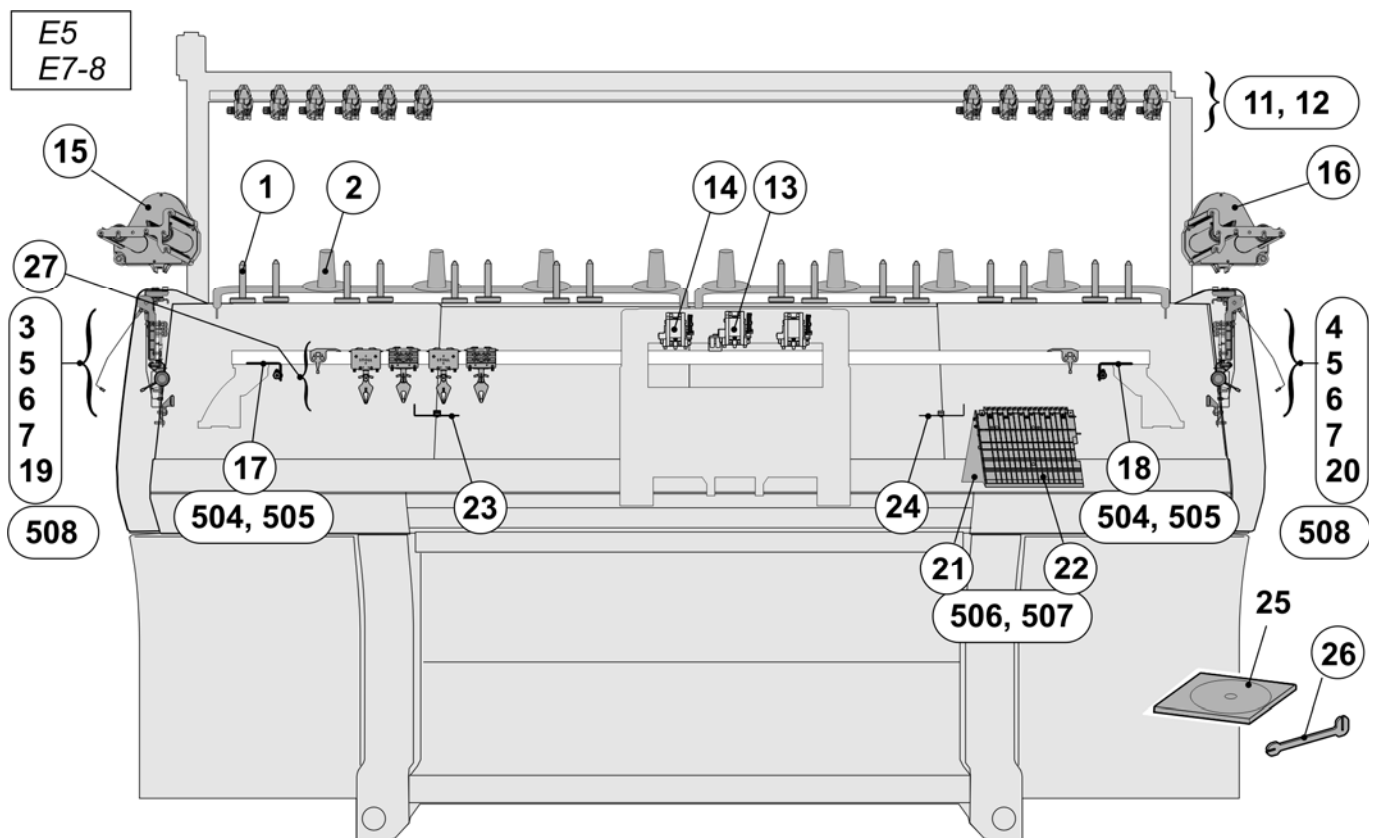
<i>Designation</i>	<i>Ident No</i>
<b>CMS 530 conversion kit 32 IYC type 2 E5 (E2,5.2/3,5.2/5.2)</b>	<b>244 539</b>
<b>CMS 530 conversion kit 32 IYC type 2 E7-8 (E6.2)</b>	<b>244 540</b>
<b>CMS 530 conversion kit 32 IYC type 2 E10-14 (E7.2)</b>	<b>244 541</b>
<b>CMS 530 conversion kit 32 IYC type 2 E16-18 (E8.2)</b>	<b>245 005</b>





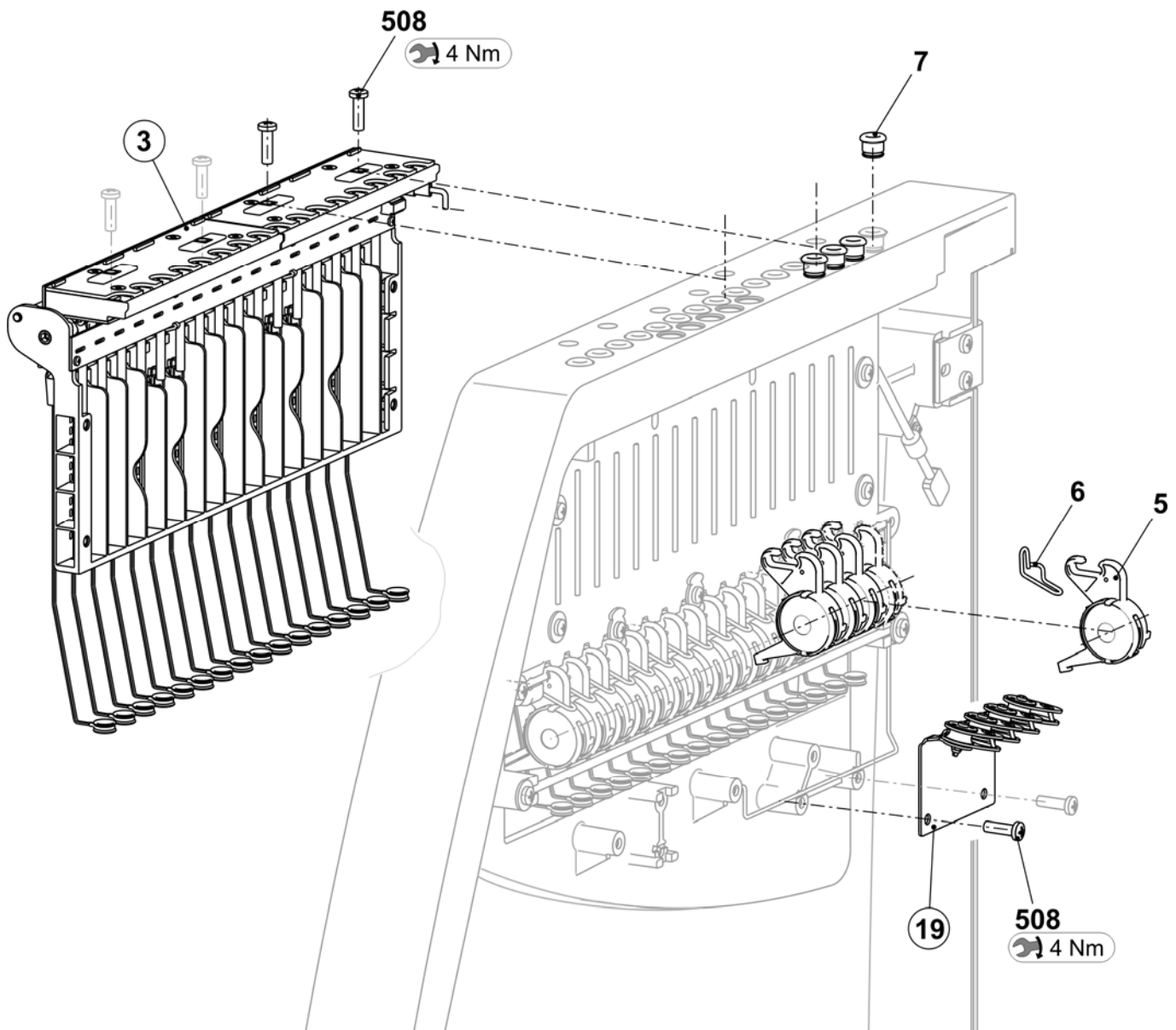
## Overview of conversion kit E5 und E7-8

Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>CMS 530 conversion kit 32 IYC type 2</b>				
	<b>E5 (E2,5.2/3,5.2/5.2)</b>	<b>244 539</b>	17	Yarn deflector on the left complete	244 517
	<b>E7-8 (E6.2)</b>	<b>244 540</b>	18	Yarn deflector on the right complete	244 521
1	Magnetic support complete	229 373	19	Deflector on the left complete	223 316
2	Additional bobbin board 50" IYC complete	244 424	20	Deflector on the right complete	223 049
3	Yarn tensioner on the left complete E5	244 498	21	Left clamping/cutting bed E5-8	244 732
	Yarn tensioner on the left complete E7-8	244 499	22	Right clamping/cutting bed E5-8	244 731
4	Yarn tensioner on the right complete E5	244 501	23	Yarn brake on the left	245 031
	Yarn tensioner on the right complete E7-8	244 502	24	Yarn brake on the right	245 032
5	Yarn brake complete	244 347	25	DVD instructions conversion kit IYC	245 169
6	Clamping bow	244 409	26	Adjusting part for yarn carrier bow	250 119
7	Ceramic eyelet	240 640	27	Yarn guide complete E5 IYC	245 161
11	Yarn control device	237 124		Yarn guide complete E7-8 IYC	245 162
12	Yarn guide bracket complete	241 581	504	Cap screw M6X14	022 658
13	YC driving in the middle complete	245 298	505	Washer 6	020 881
14	YC driving outside complete	245 297	506	Setting pin 6x16	020 677
15	Friction feed wheel on the left co. 16-fold	244 991	507	Screw M6x20	244 824
16	Friction feed wheel on the right co. 16-fold	244 992	508	Screw KB60X20	237 682



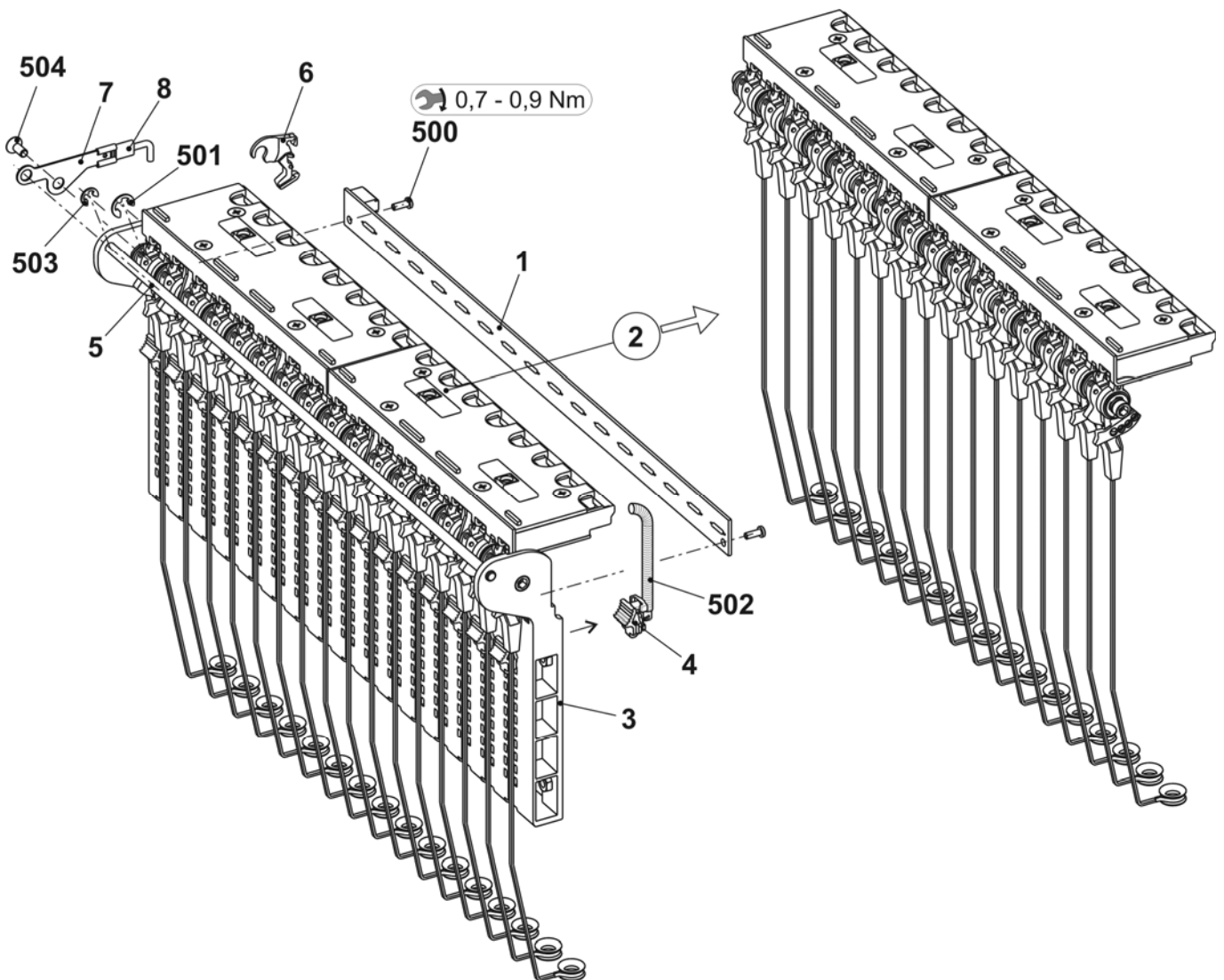
## Parts for the left safety cover E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
3	Yarn tensioner on the left complete		6	Clamping bow	244 409
	E3 - E5 (E2,5.2/3,5.2/5.2)	244 498	7	Ceramic eyelet	240 640
	E7 - E8 (E6.2)	244 499	19	Deflector on the left complete	223 316
5	Yarn brake complete	244 347	508	Screw KB60X20	237 682



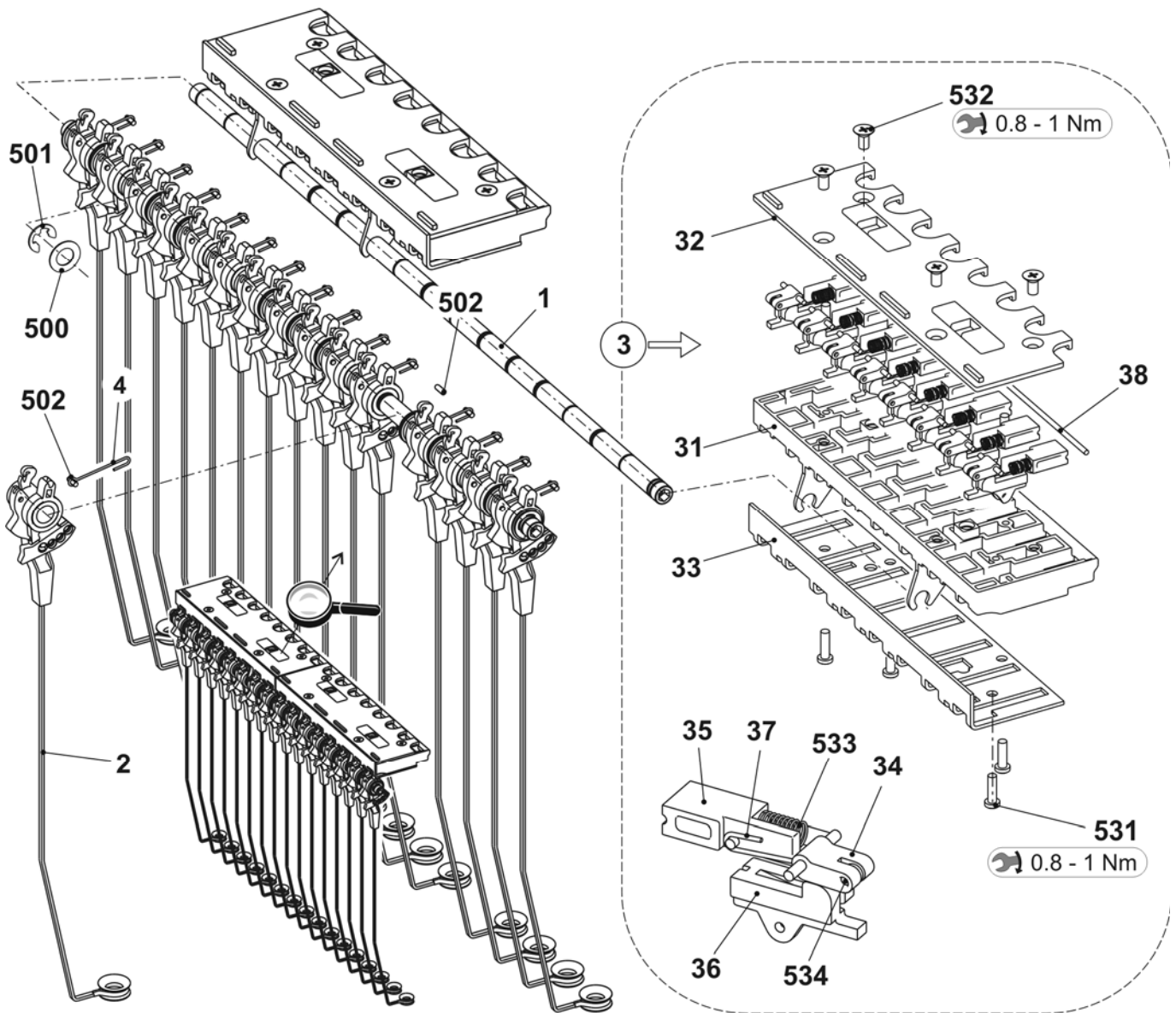
## Yarn tensioner on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn tensioner on the left complete</b>				
	<b>E5 (E2,5.2/3,5.2/5.2)</b>	<b>244 498</b>	6	Spacer	242 048
	<b>E7 - E8 (E6.2)</b>	<b>244 499</b>	7	Grounding sheet metal of tension axle	243 121
	<b>E10 - E18 (E7.2/8.2)</b>	<b>244 500</b>	8	Ground cable yarn tensioner OKC	243 105
1	Card yarn tensioner 16-fold on the left	241 345	500	Screw KB30x8	236 228
2	Tension axle complete		501	Circlip	021 022
	E3-8	244 494	502	Tension spring 5.05x0.55x53 (E3-5)	023 502
	E10-18	244 495		Tension spring 4.9x0.5x53 (E7-8)	023 503
				Tension spring 4.9x0.45x53 (E10-18)	023 504
3	Housing	241 367	503	Circlip	021 020
4	Slider	241 694	504	Countersunk screw M4x10	241 914
5	Stop point	241 368			



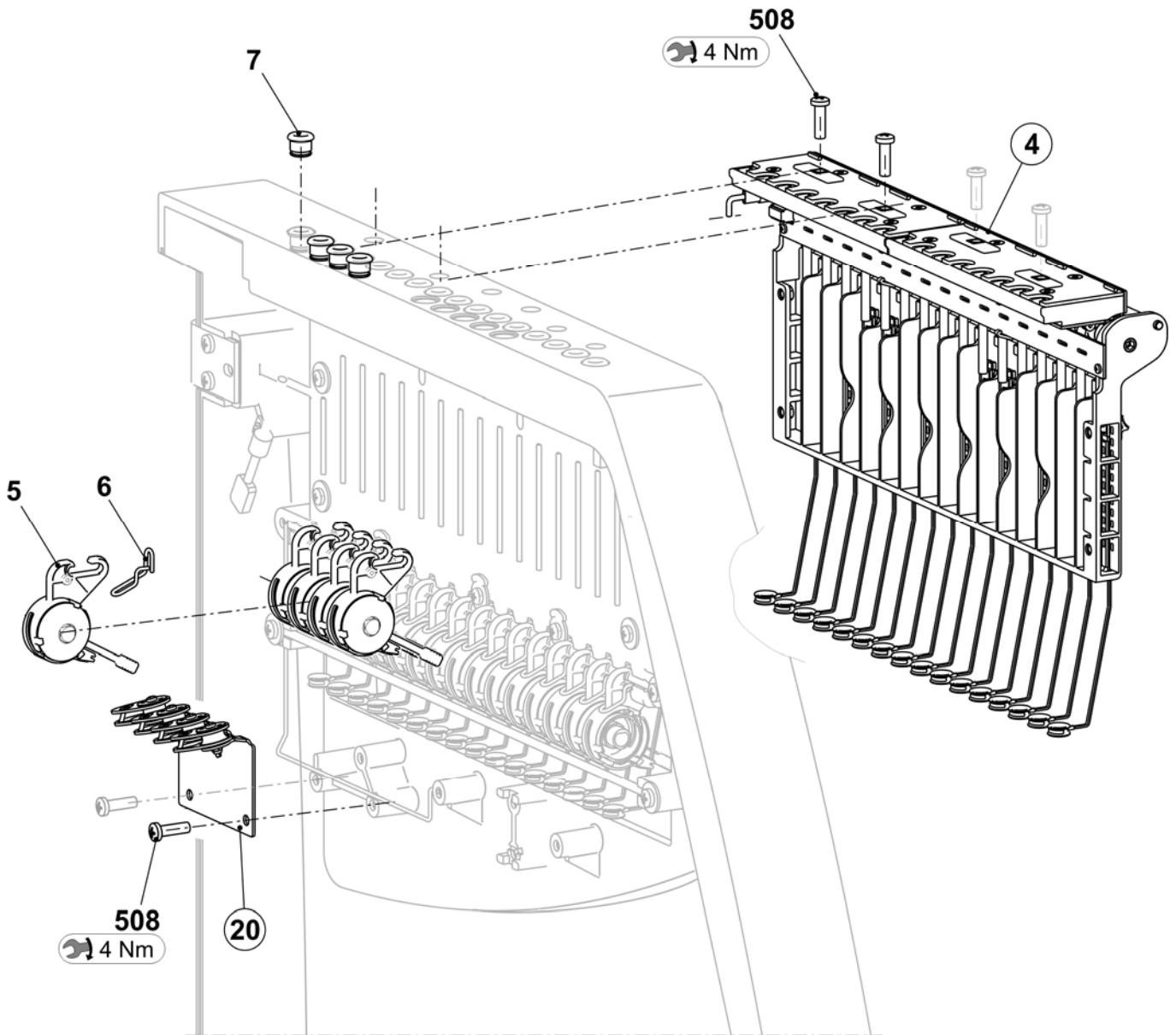
**Tension axle**

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Tension axle complete</b>		<b>3</b>	<b>Thread clamp AKF</b>	<b>238 695</b>
	<b>E5 – E8 (E2,5.2/3,5.2/5.2/6.2)</b>	<b>244 494</b>	31	Housing AKF	238 689
	<b>E10 – E18 (E7.2/8.2)</b>	<b>244 495</b>	32	Cover AKF	237 926
1	Axle	244 522	33	Sheet metal at the bottom (housing AKF)	240 719
2	Tension arm pre-assembled		34	Lever AKF	238 692
	E3 – E8	242 770	35	Thrust piece AKF	238 690
	E10 – E18	242 771	36	Slider AKF	238 691
4	Wire bow	238 694	37	Wire bow	238 694
500	Shim ring 8x14x0.5	023 501	38	Wire	237 940
501	Circlip	021 022	531	Screw KB 35x12	237 681
502	Grooved pin 2x6	243 172	532	Screw KB 40x8	236 227
			533	Compression spring 0.30x4.50x18.50	241 437
			534	Grooved pin 2x6	243 172



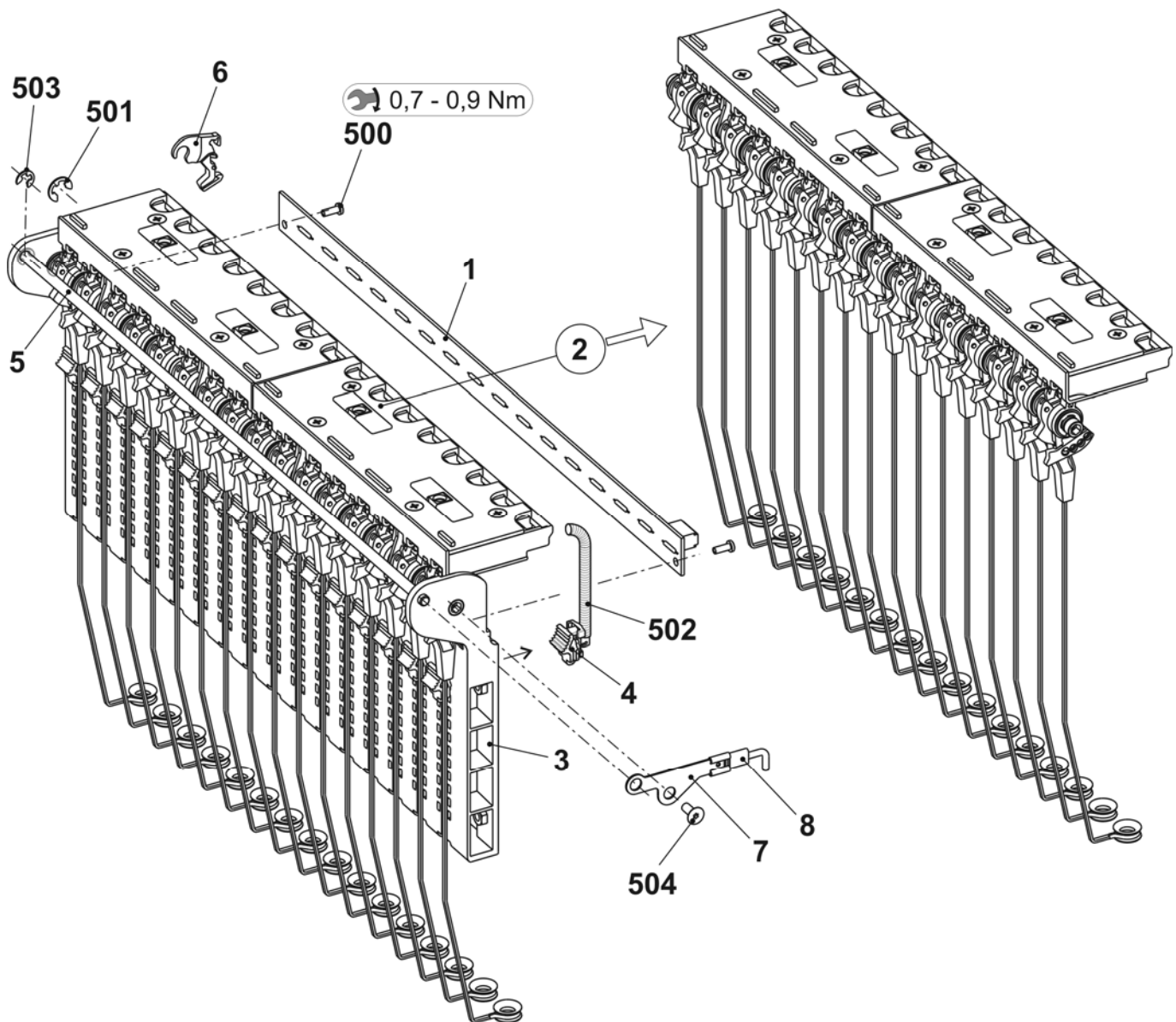
## Parts for the right safety cover E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
4	Yarn tensioner on the right complete		6	Clamping bow	244 409
	E3 - E5 (E2,5.2/3,5.2/5.2)	244 501	7	Ceramic eyelet	240 640
	E7 - E8 (E6.2)	244 502	20	Deflector on the right complete	223 049
5	Yarn brake complete	244 347	508	Screw KB60X20	237 682



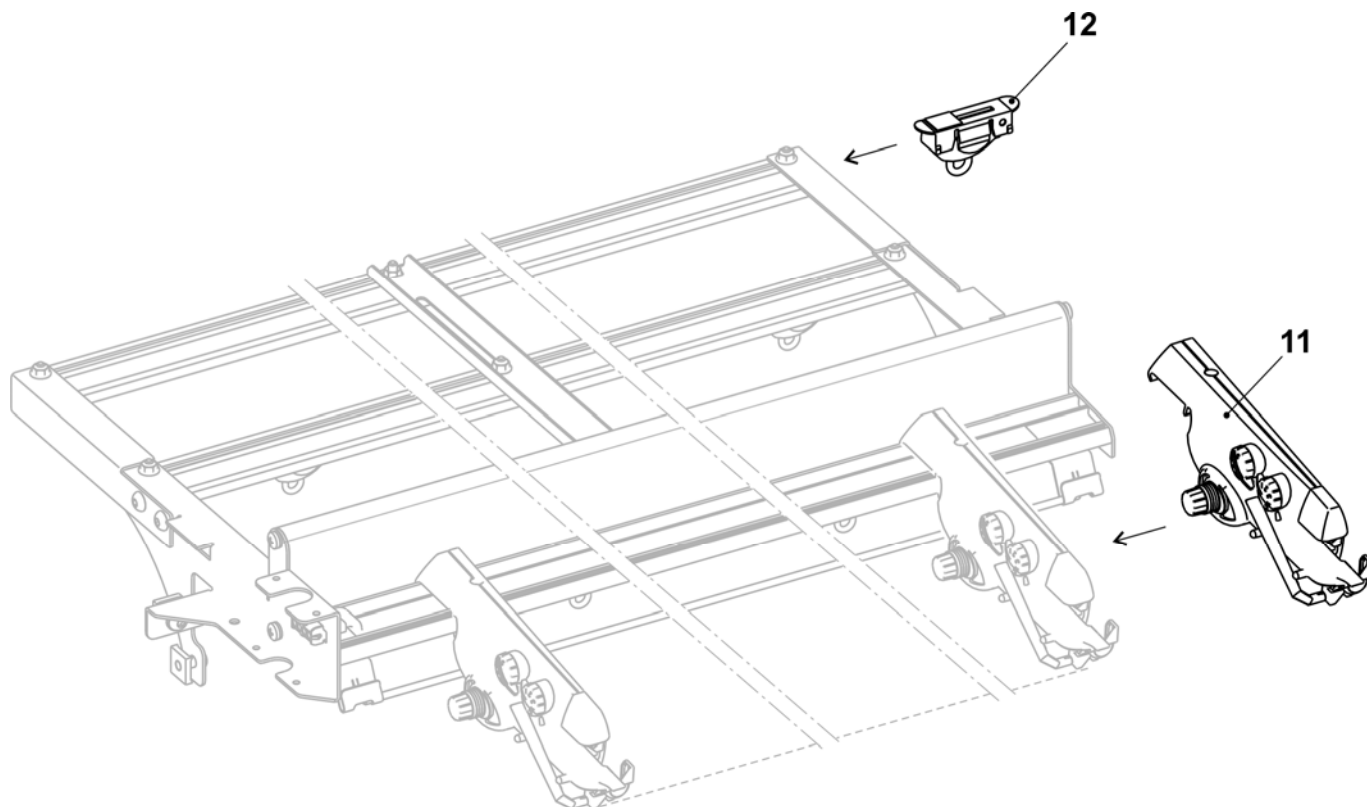
## Yarn tensioner on the right

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



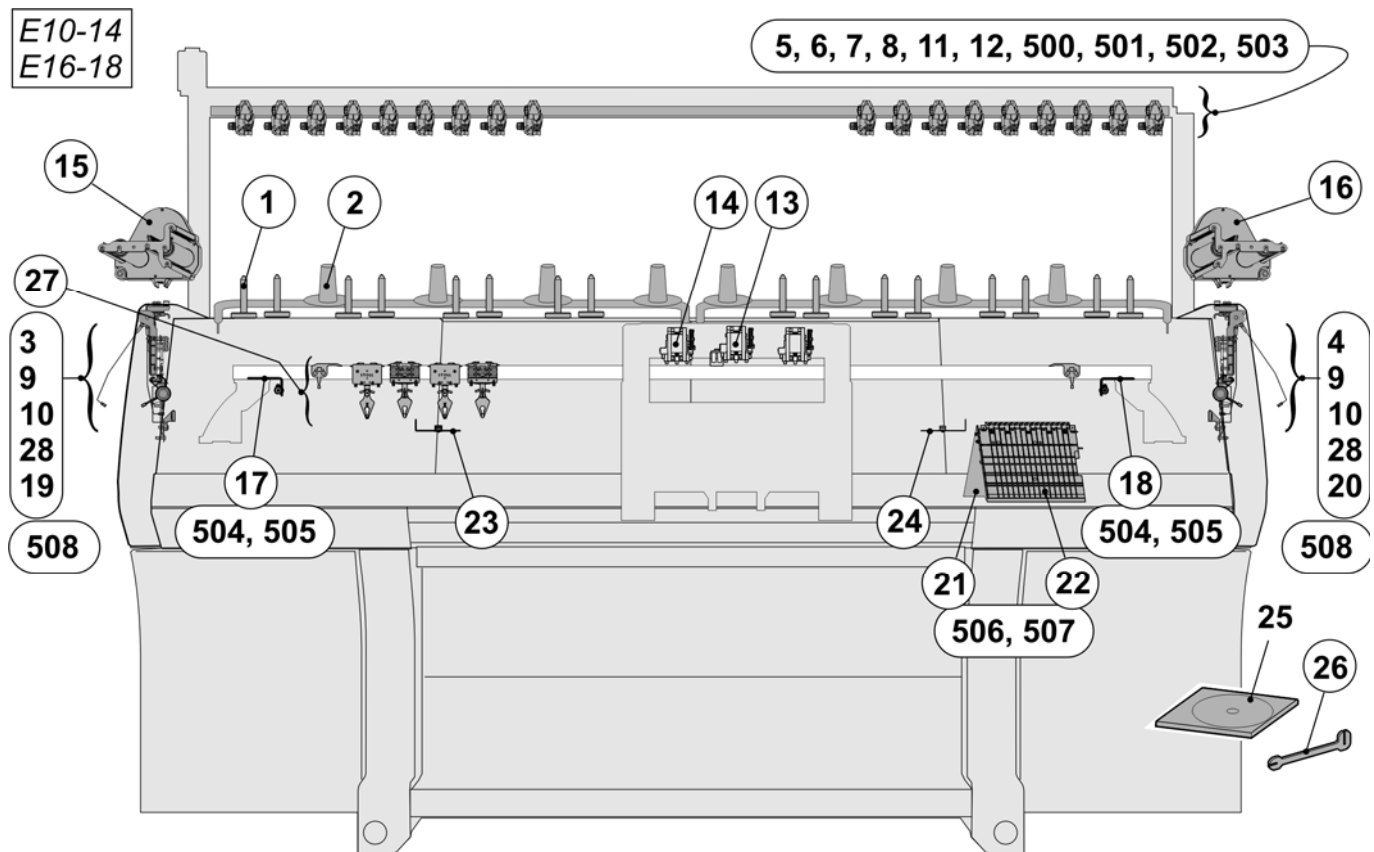
## Parts for the yarn guide system (12 FKE)

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide system with 12 FKE (yarn control unit), E5-8</b>				
11	Yarn control device	237 124	12	Yarn guide bracket complete	241 581



## Overview of conversion kit E10-14 and E16-18

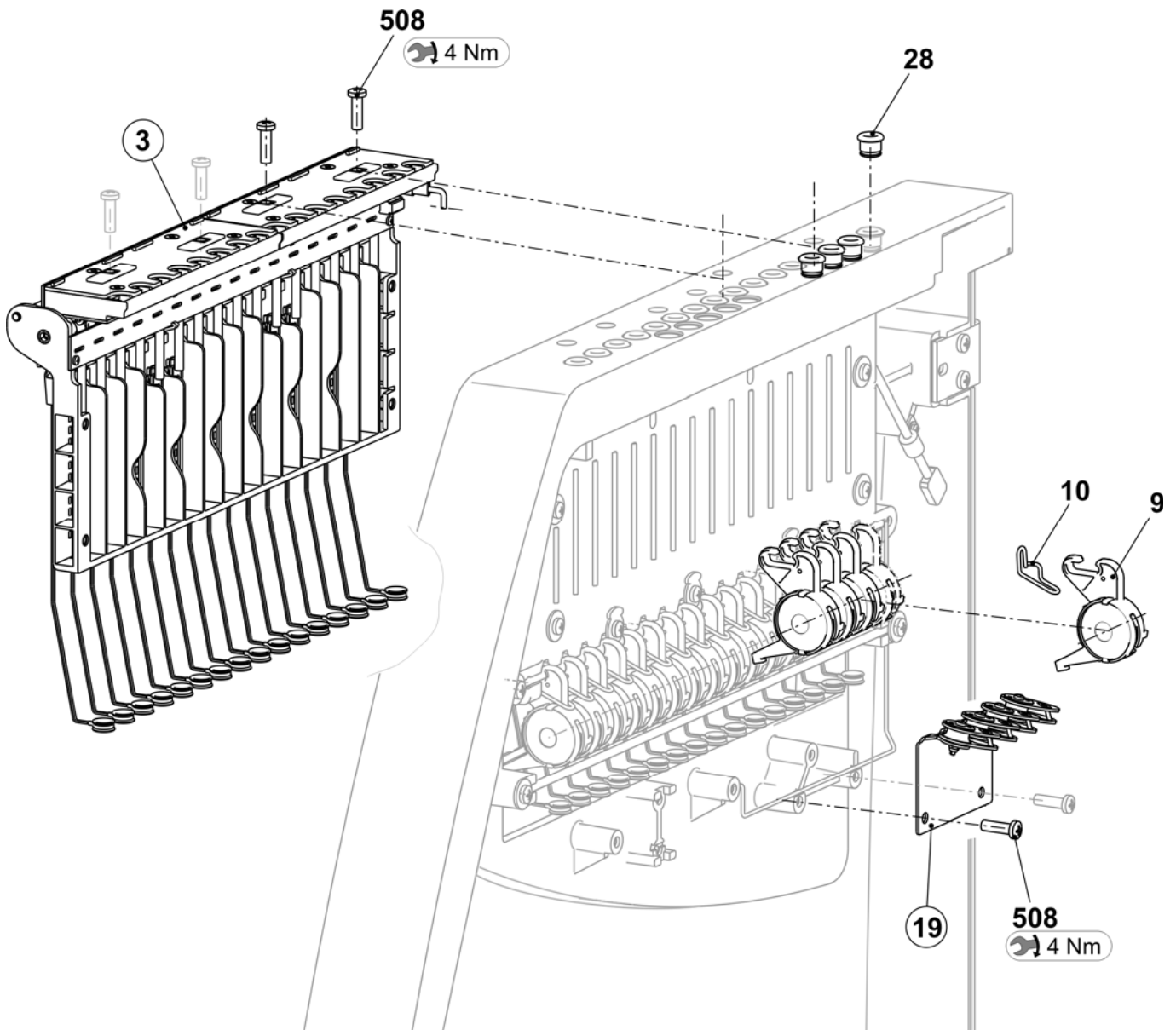
Pos	Designation	Ident No	Pos	Designation	Ident No
$\Sigma$	<b>CMS 530 conversion kit 32 IYC type 2</b>				
	<b>E10-14 (E7.2)</b>	<b>244 541</b>	20	Deflector on the right complete	223 049
	<b>E16-18 (E8.2)</b>	<b>245 005</b>	21	Left clamping/cutting bed E10-14	244 643
1	Magnetic support complete	229 373		Left clamping/cutting bed E16-18	244 821
2	Additional bobbin board 50" IYC complete	244 424	22	Right clamping/cutting bed E10-14	244 610
3	Yarn tensioner on the left complete E10-18	244 500		Right clamping/cutting bed E16-18	244 062
4	Yarn tensioner on the right complete E10-18	244 503	23	Yarn brake on the left	245 031
5	Yarn guide bar 50"	240 324	24	Yarn brake on the right	245 032
6	Support on the left	243 602	25	DVD instructions conversion kit IYC	245 169
7	Support on the right	243 603	26	Adjusting part for yarn carrier bow	250 119
8	Support	239 295	27	Yarn guide complete E10-14 IYC	245 163
9	Yarn brake complete	244 347		Yarn guide complete E16-18 IYC	245 164
10	Clamping bow	244 409	28	Ceramic eyelet	240 640
11	Yarn control device	237 124	500	Self-locking screw M6x12	023 415
12	Yarn guide bracket complete	241 581	501	Ribbed safety nut M6-10	023 414
13	YC driving in the middle complete	245 298	502	Square nut M8	023 269
14	YC driving outside complete	245 297	503	Countersunk screw M8x16	023 113
15	Friction feed wheel on the left co. 16-fold	244 991	504	Cap screw M6X14	022 658
16	Friction feed wheel on the right co. 16-fold	244 992	505	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 KB60X20	237 682





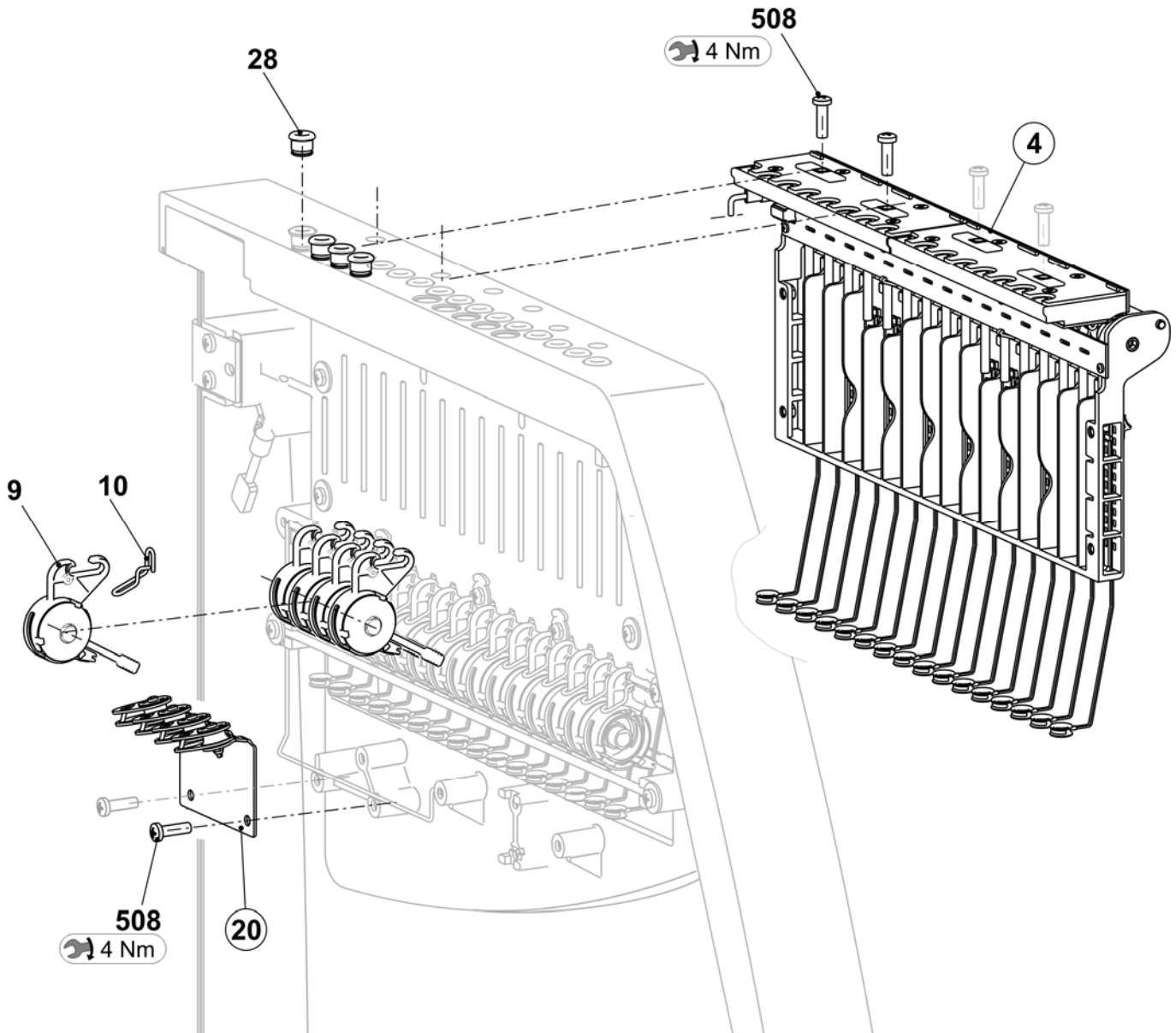
## Parts for the left safety cover E10-18

Pos	Designation	Ident No	Pos	Designation	Ident No
3	Yarn tensioner on the left complete E10-18 (E7.2 + E8.2)	244 500	19	Deflector on the left complete	223 316
9	Yarn brake complete	244 347	28	Ceramic eyelet	240 640
10	Clamping bow	244 409	508	Screw KB60X20	237 682



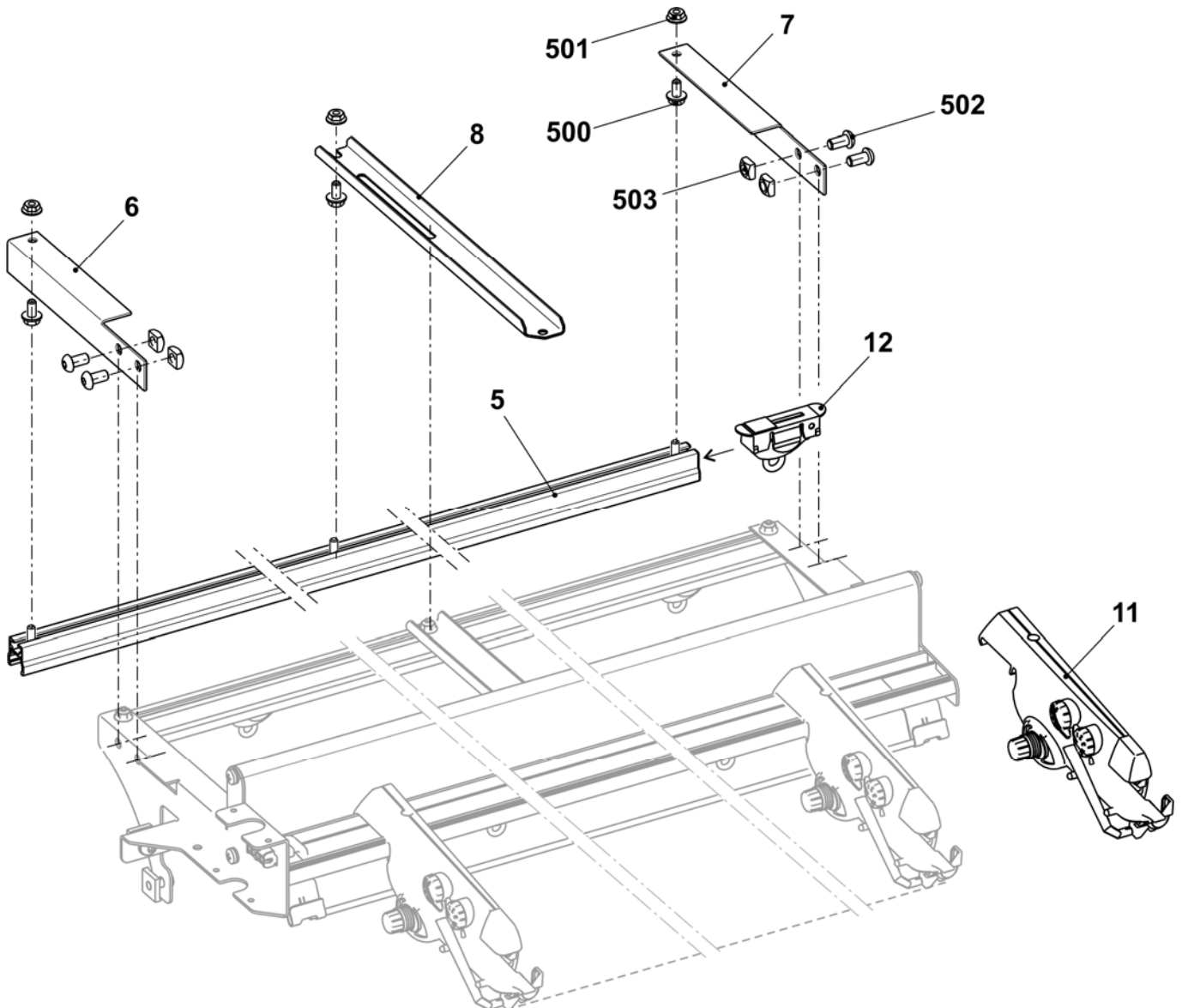
## Parts for the right safety cover E10-18

Pos	Designation	Ident No	Pos	Designation	Ident No
3	Yarn tensioner on the right complete E10-18 (E7.2 + E8.2))	244 503	20	Deflector on the right complete	223 049
9	Yarn brake complete	244 347	28	Ceramic eyelet	240 640
10	Clamping bow	244 409	508	Screw KB60X20	237 682



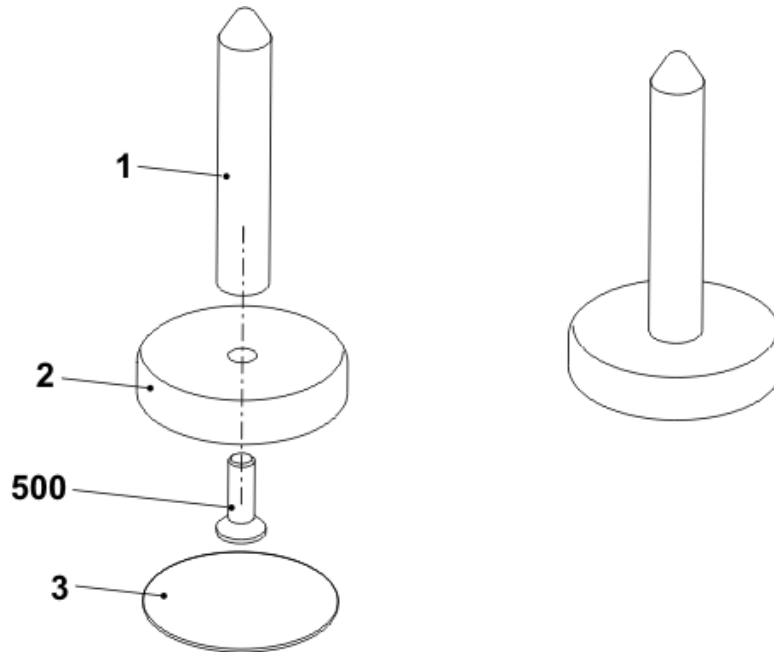
## Parts for the yarn guide system (18 FKE)

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Parts for the yarn guide system with 18 FKE, E10-18</b>				
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 safety nut 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



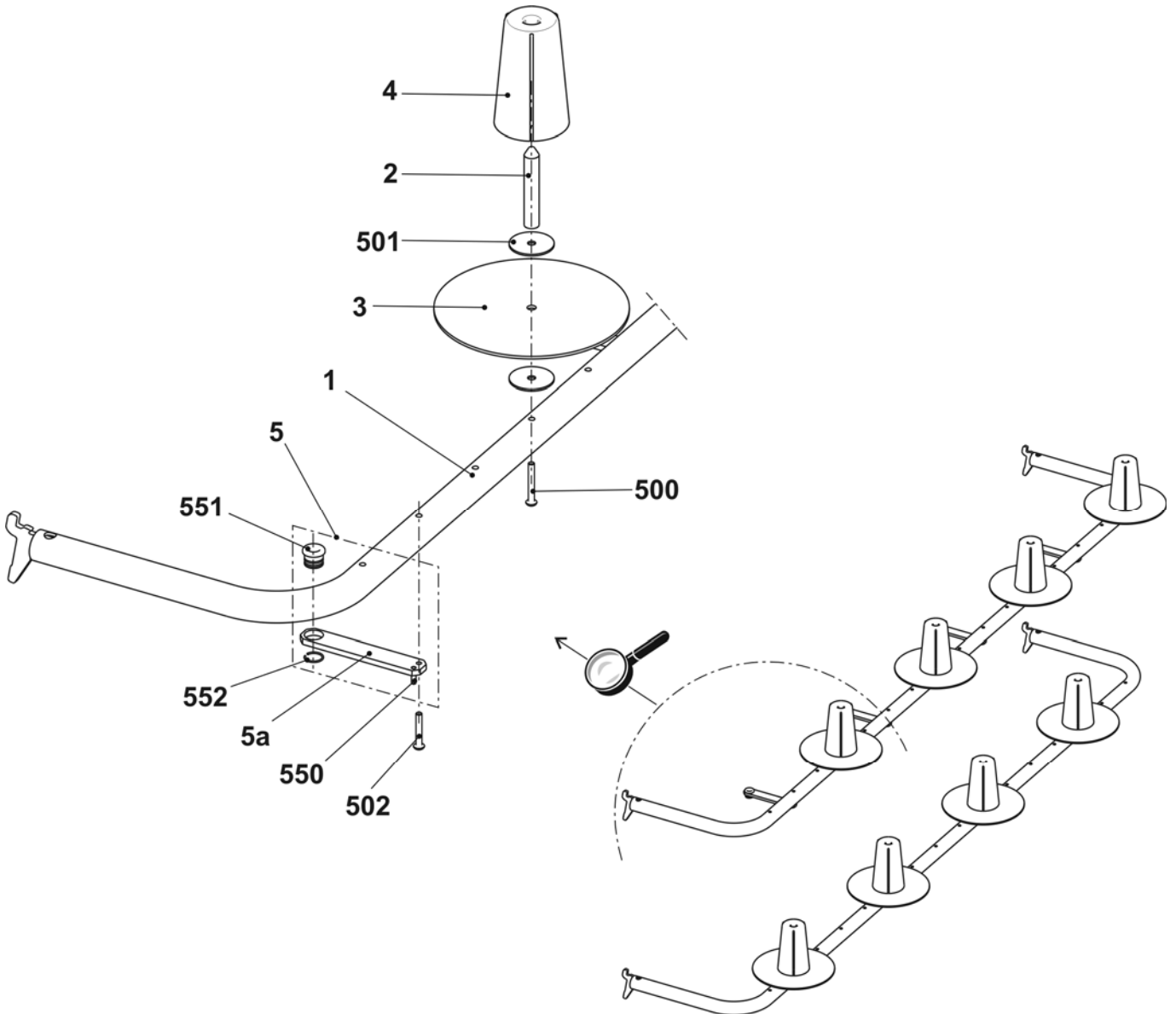
## Magnetic support

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Magnetic support complete</b>	<b>229 373</b>			
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



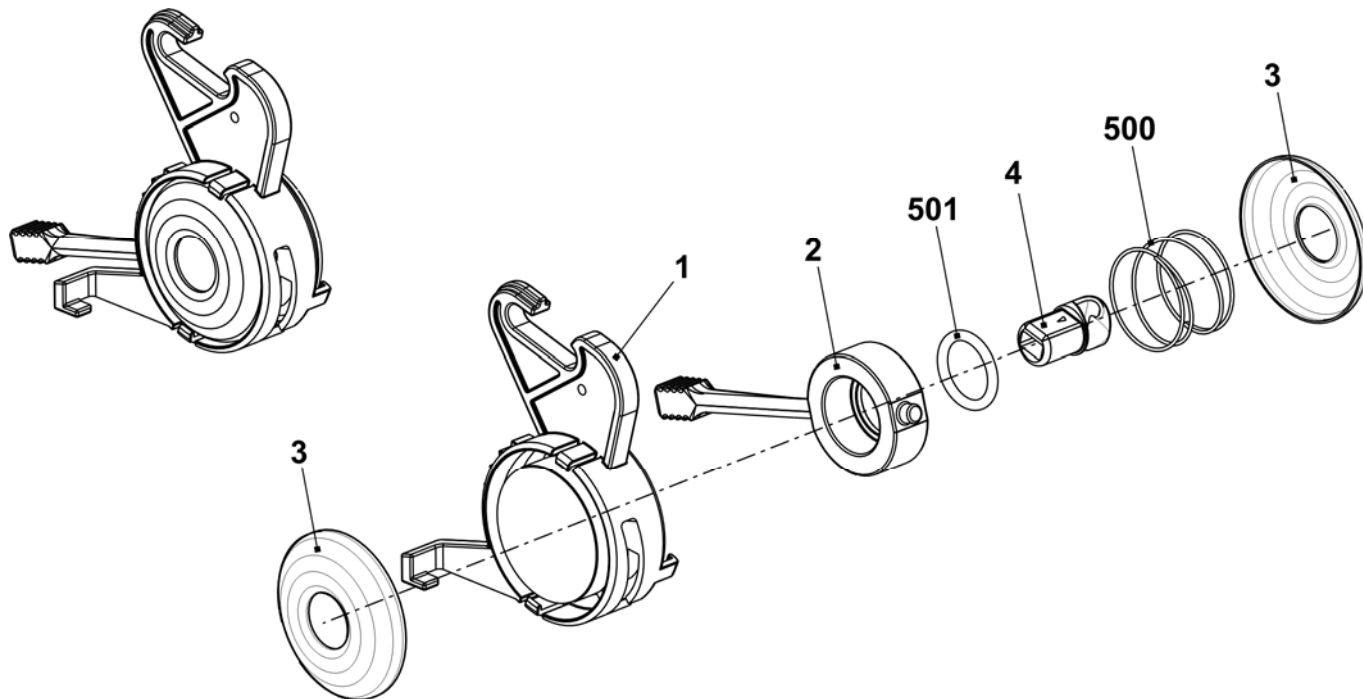
## Additional board

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Additional board 50" IYC complete</b>	<b>244 424</b>			
1	Additional 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
	5a Guiding part	243 623	502	Countersunk screw M4x25	023 511



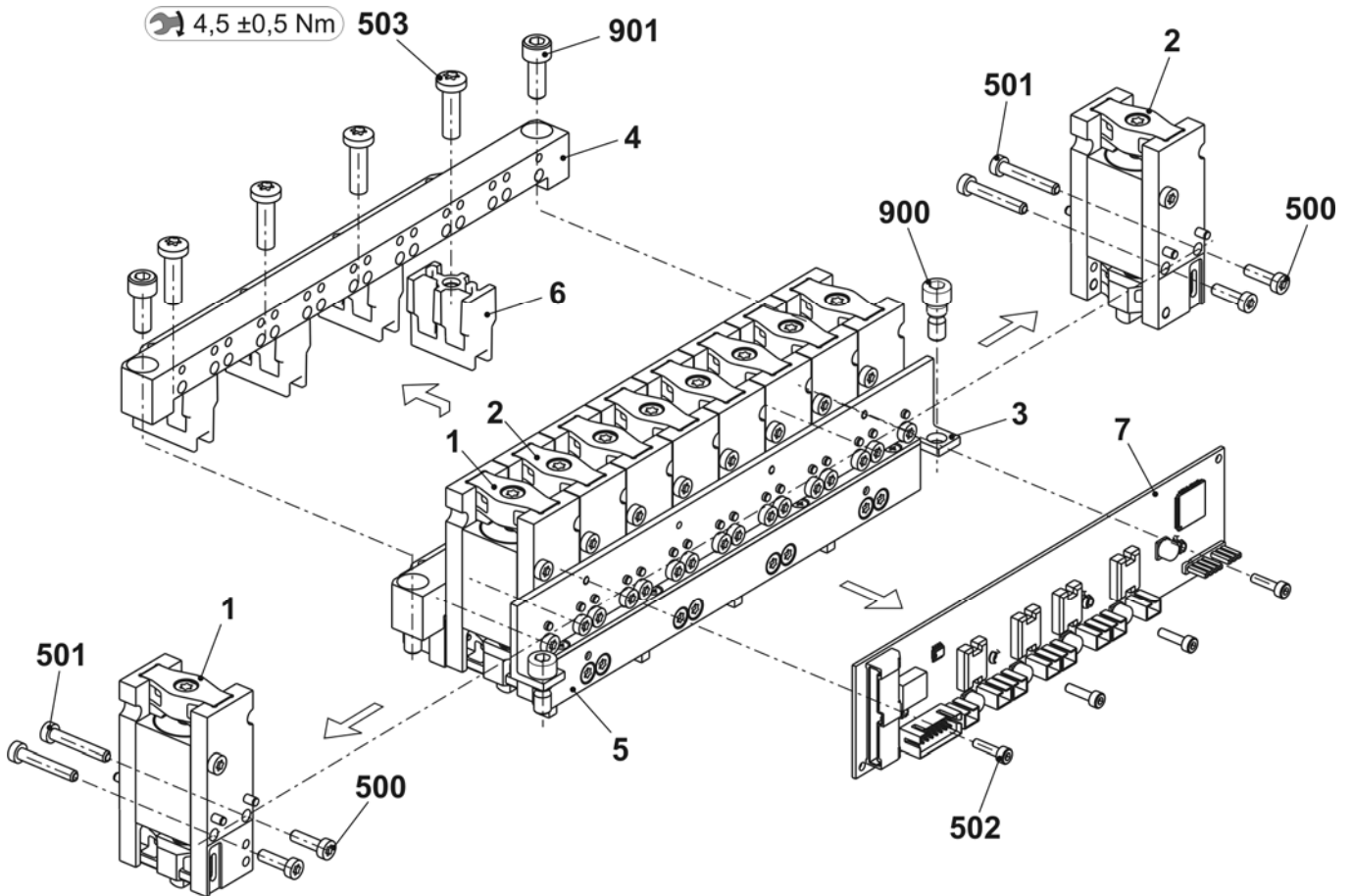
# Yarn brake

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>A</b>	<b>Yarn brake complete</b>	<b>244 347</b>			
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



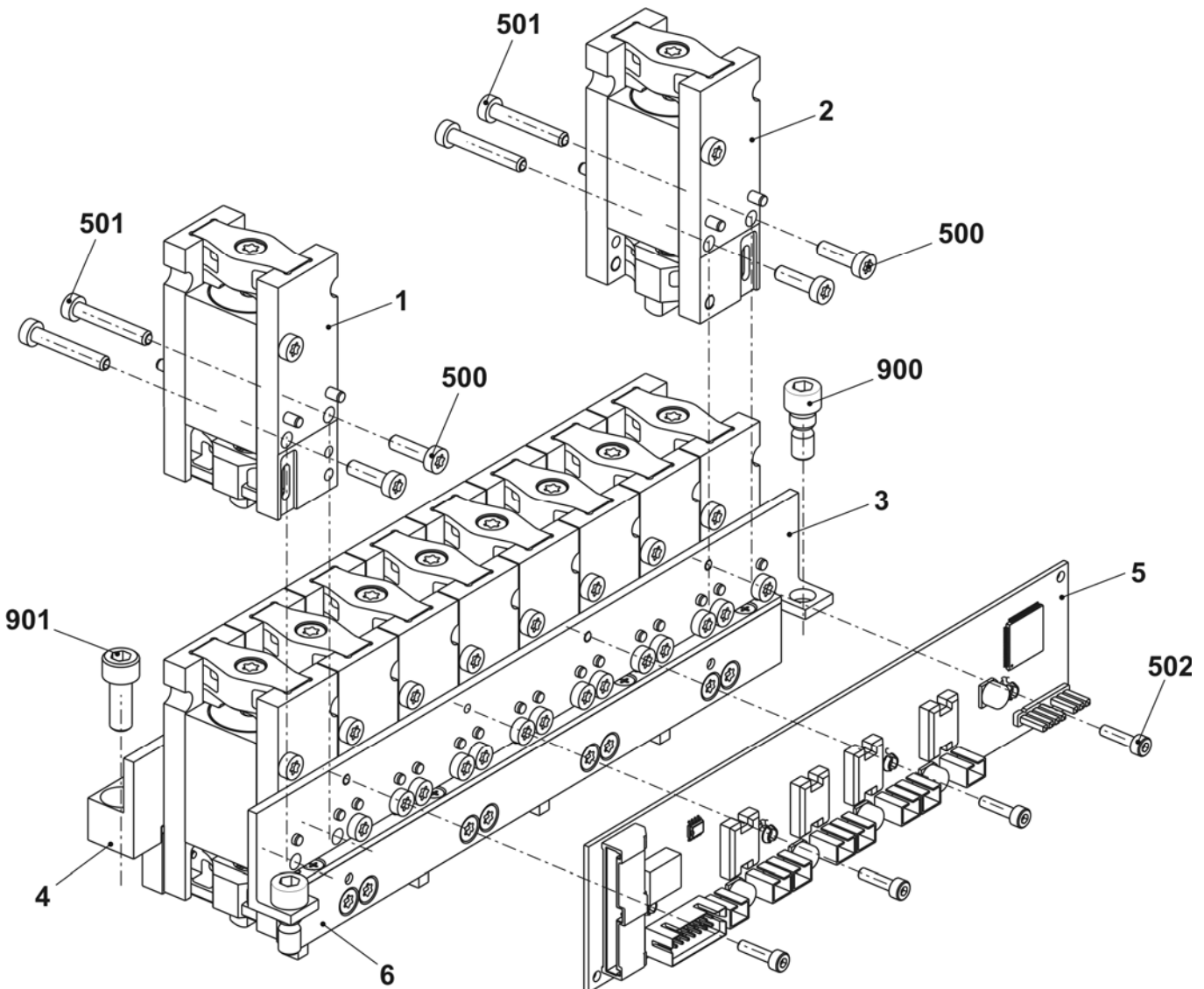
## Driving in the middle

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>YC driving in the middle complete</b>	<b>245 298</b>	7	Card yarn carrier final stages OKC	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 KB60X20	243 625
5	Switch mechanism	245 312	900	Shoulder screw	231 899
6	Guiding part	239 972	901	Cap screw M6x16	020 135



## Driving outside

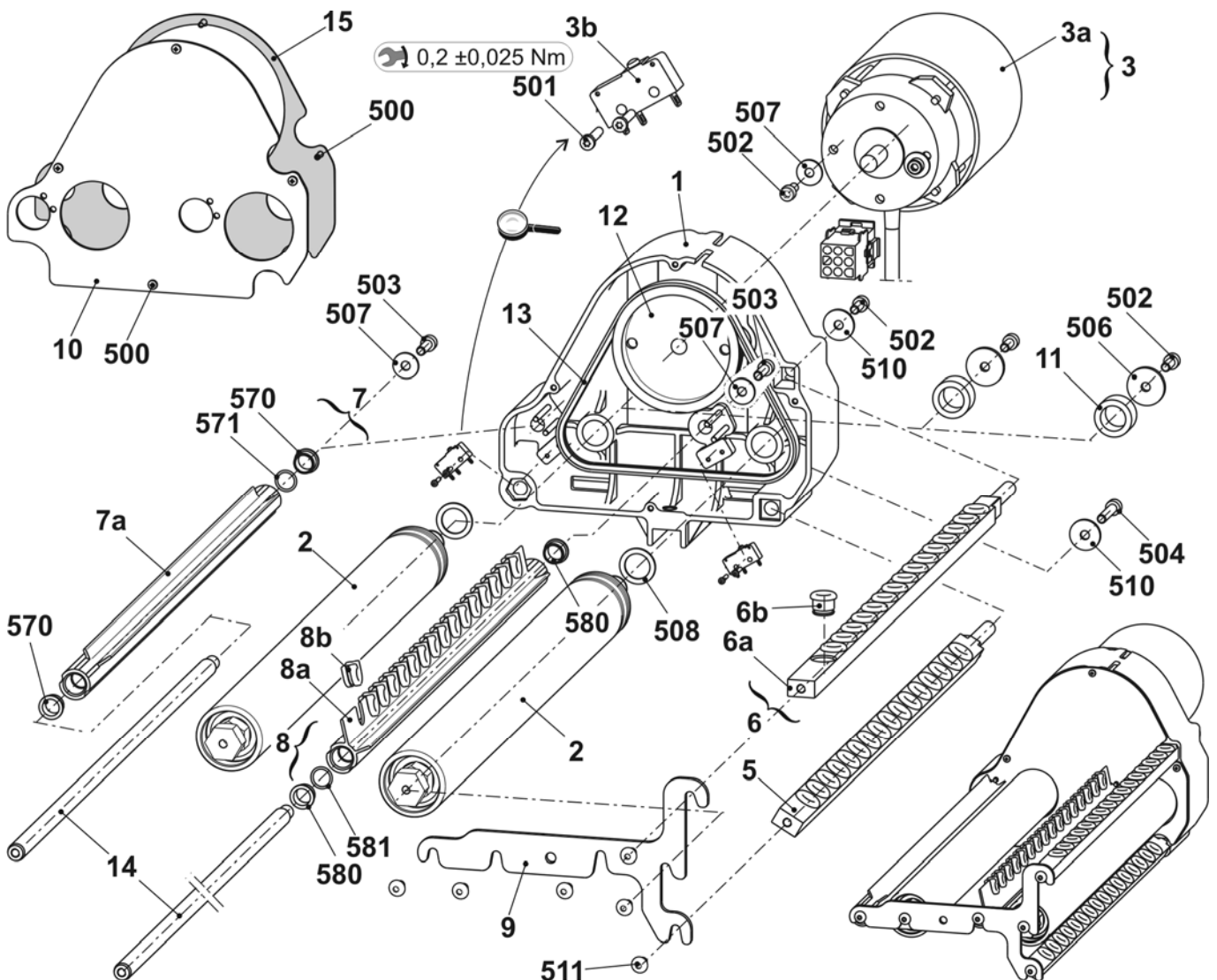
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>YC driving outside complete</b>	<b>245 297</b>	6	Switch mechanism	245 312
1	Yarn carrier plunger on the right complete	243 080	500	Cap screw M4x14-I-Torx	242 279
2	Yarn carrier plunger on the left complete	243 118	501	Cap screw M4x25-I-Torx	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 OKC	300 960	901	Cap screw M6x16	020 135





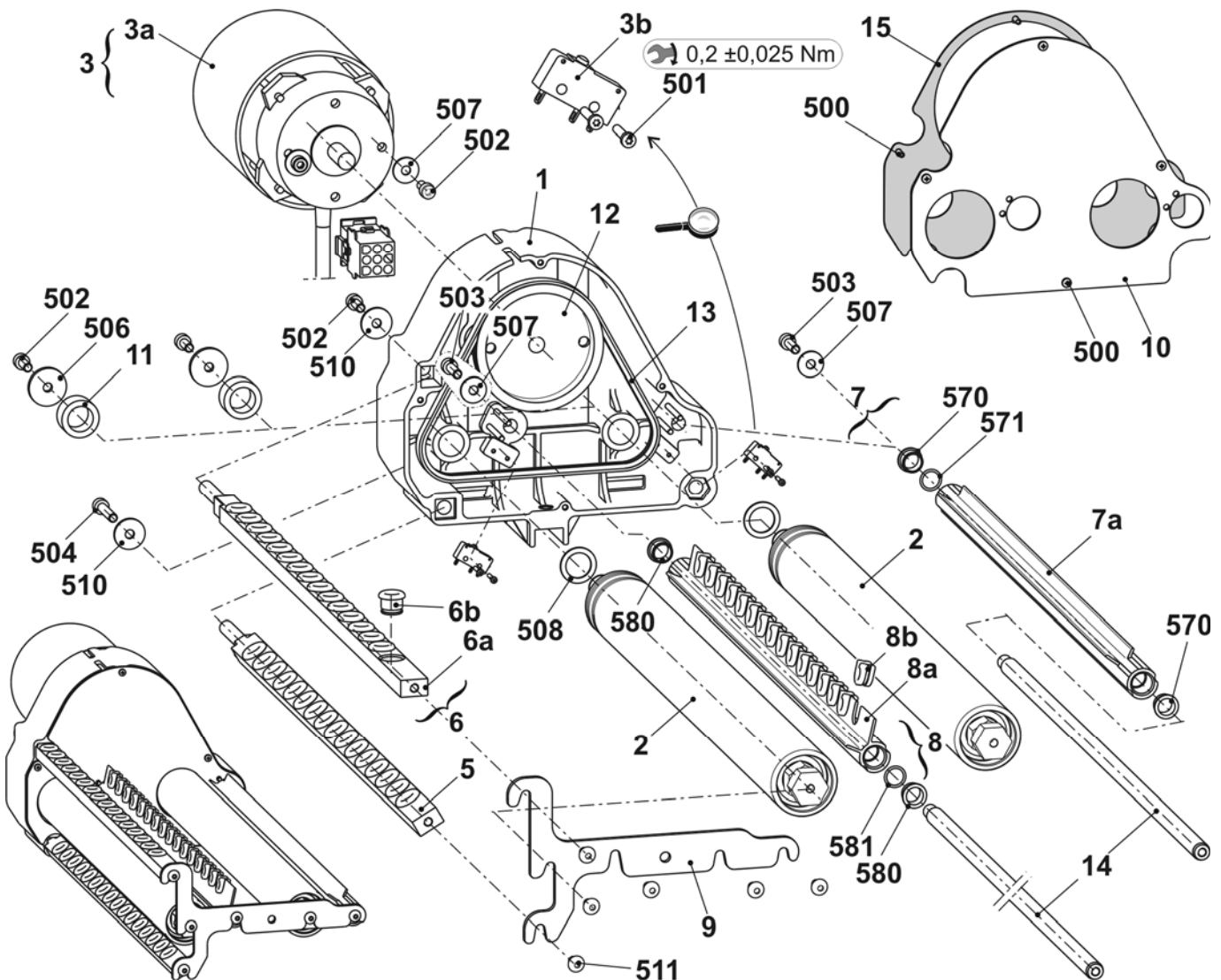
## Friction feed wheel on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Friction feed wheel on the left co. 16-fold</b>	<b>244 991</b>			
1	Housing	240 368	9	Strap	244 515
2	Friction roller complete	243 860	10	Cover	230 759
3	Three-phase A.C. motor 3x42V complete	219 800	11	Bush	221 391
	3a Three-phase A.C. motor	220 161	12	Ribbed V-belt pulley	221 268
	3b Microswitch	008 664	13	Ribbed V-belt	206 927
5	Yarn guide rod 16-fold complete	244 576	14	Rod	243 868
6	Yarn guide rod 16-fold complete	244 578	15	Cover	230 758
	6a Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
	6b Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
	570 Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
	571 O-ring 10x1.3	244 895	506	Washer 5.3x22x2.5	023 219
8	Stop motion rail on the left complete	243 865	507	Washer 5	020 901
	8a Stop motion rail on the left	243 866	508	Shim ring 15x21x1	023 216
	8b Eyelet	230 662	510	Washer 5.3x18x1.5	020 909
	580 Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
	581 O-ring 10x1.3	244 895			



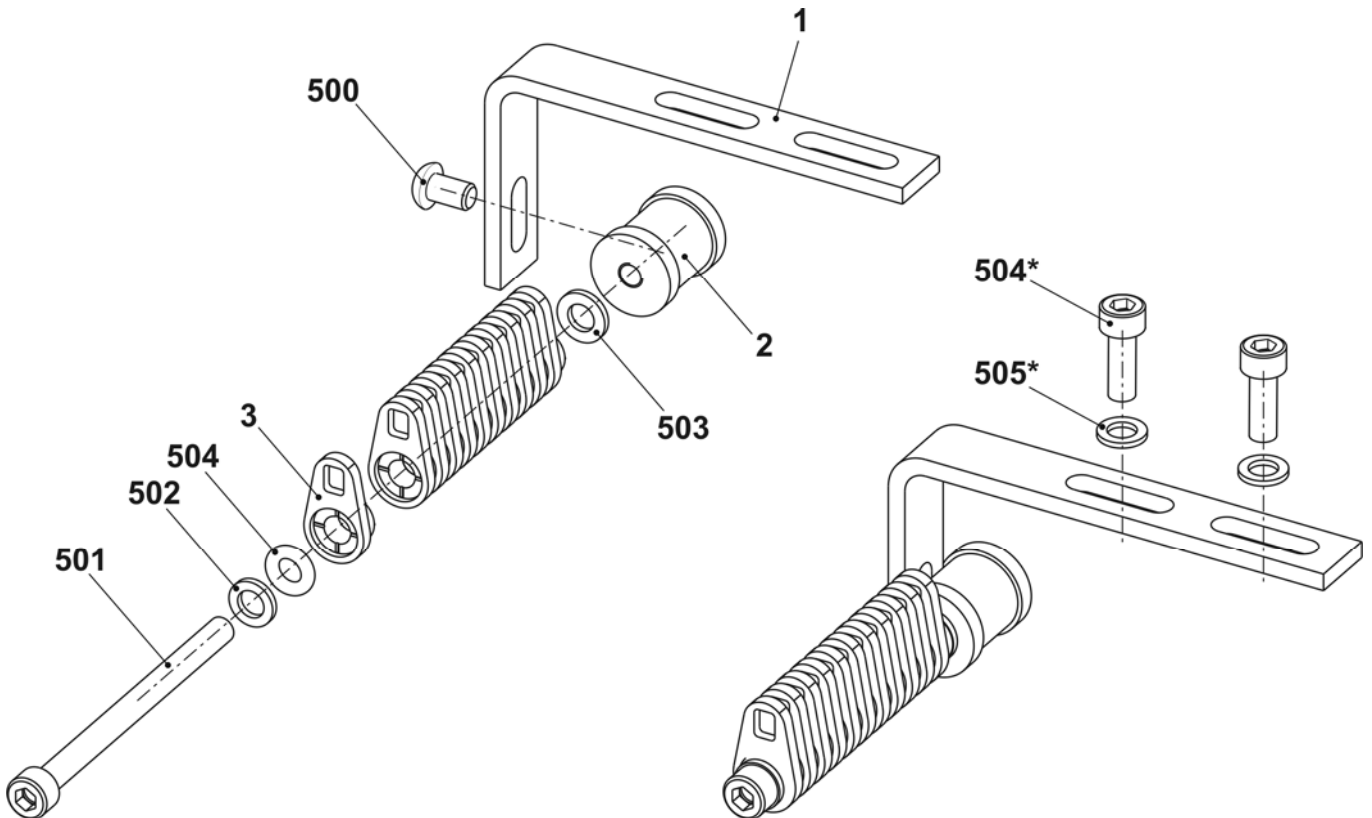
# Friction feed wheel on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Friction feed wheel on the right co. 16-fold</b>	<b>244 992</b>			
1	Housing	240 368	9	Strap	244 515
2	Friction roller complete	243 860	10	Cover	230 759
3	Three-phase A.C. motor 3x42V complete	219 800	11	Bush	221 391
	3a Three-phase A.C. motor	220 161	12	Ribbed V-belt pulley	221 268
	3b Microswitch	008 664	13	Ribbed V-belt	206 927
5	Yarn guide rod 16-fold complete	244 576	14	Rod	243 868
6	Yarn guide rod 16-fold complete	244 578	15	Cover	230 758
	6a Yarn guide rod 16-fold	244 577	500	Screw KB30x8	236 228
	6b Ceramic eyelet	240 640	501	Cap screw M20x10	244 736
7	Stop motion rail on the right complete	243 863	502	Cap screw M5x12	020 132
	7a Stop motion rail on the right	243 864	503	Cap screw M5x16	022 726
	570 Slide bearing GFM-101214-07	023 627	504	Cap screw M5x25	023 523
	571 O-ring 10x1.3	244 895	506	Washer 5.3x22x2.5	023 219
8	Stop motion rail on the right complete	244 530	507	Washer 5	020 901
	8a Stop motion rail on the right	244 531	508	Shim ring 15x21x1	023 216
	8b Eyelet	230 662	510	Washer 5.3x18x1.5	020 909
	580 Slide bearing GFM-101214-07	023 627	511	Countersunk screw M5x8	239 408
	581 O-ring 10x1.3	244 895			



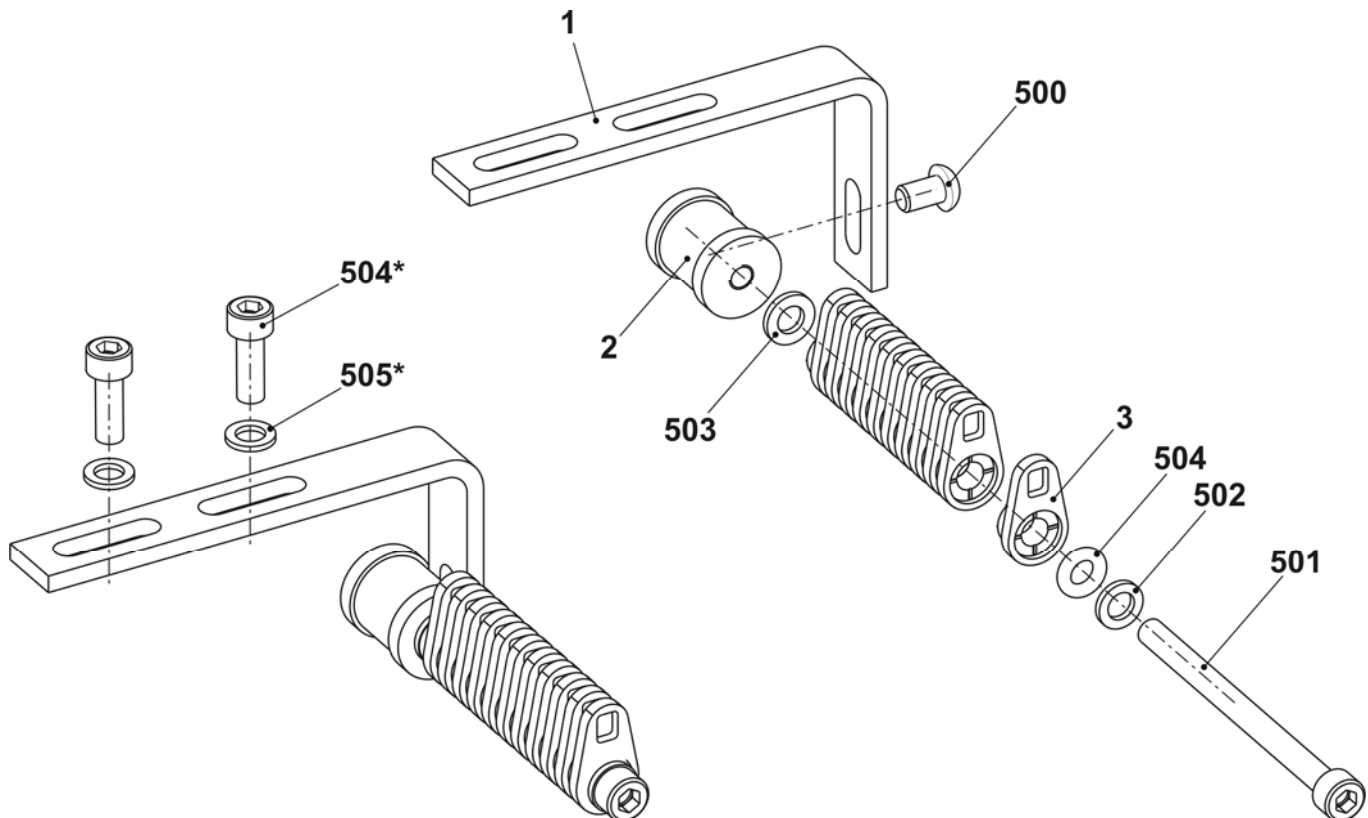
## Thread deflector on the left

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



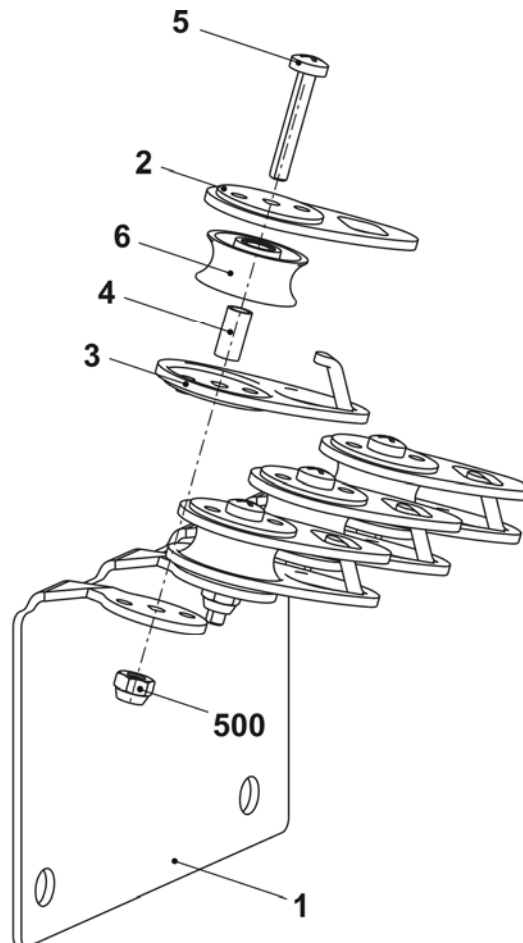
## Yarn deflector on the right

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



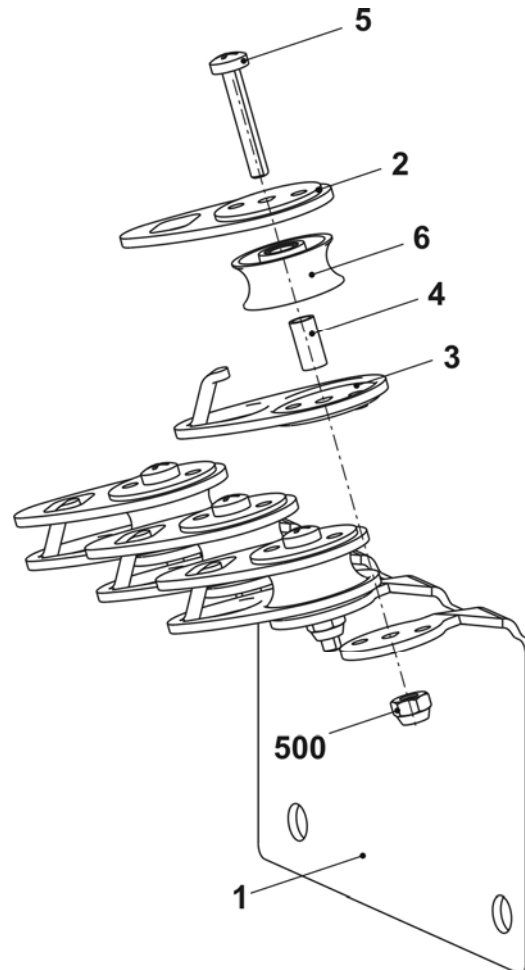
## Deflector on the left

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Deflector on the left complete</b>	<b>223 316</b>	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



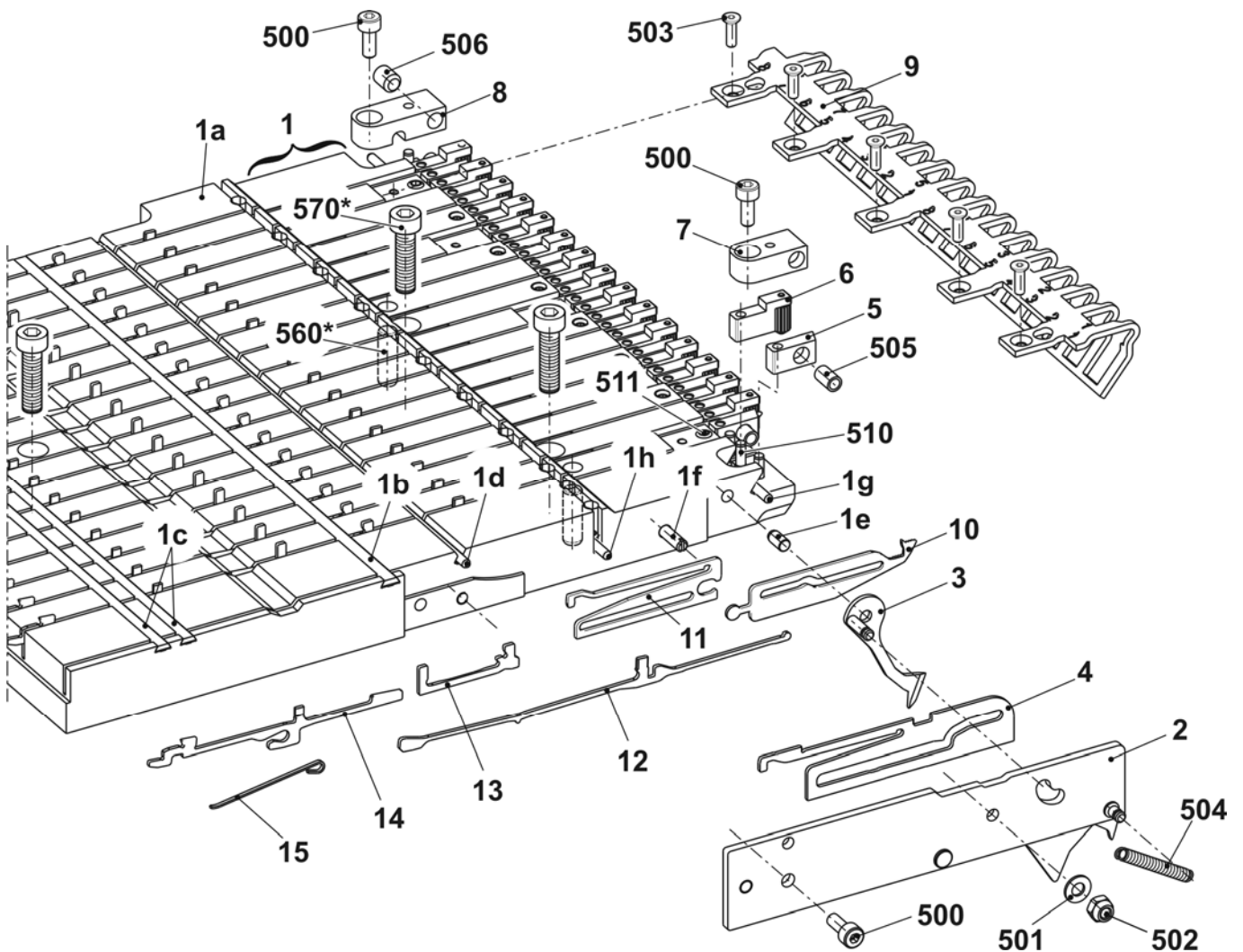
## Deflector on the right

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Deflector on the right complete</b>	<b>223 049</b>	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



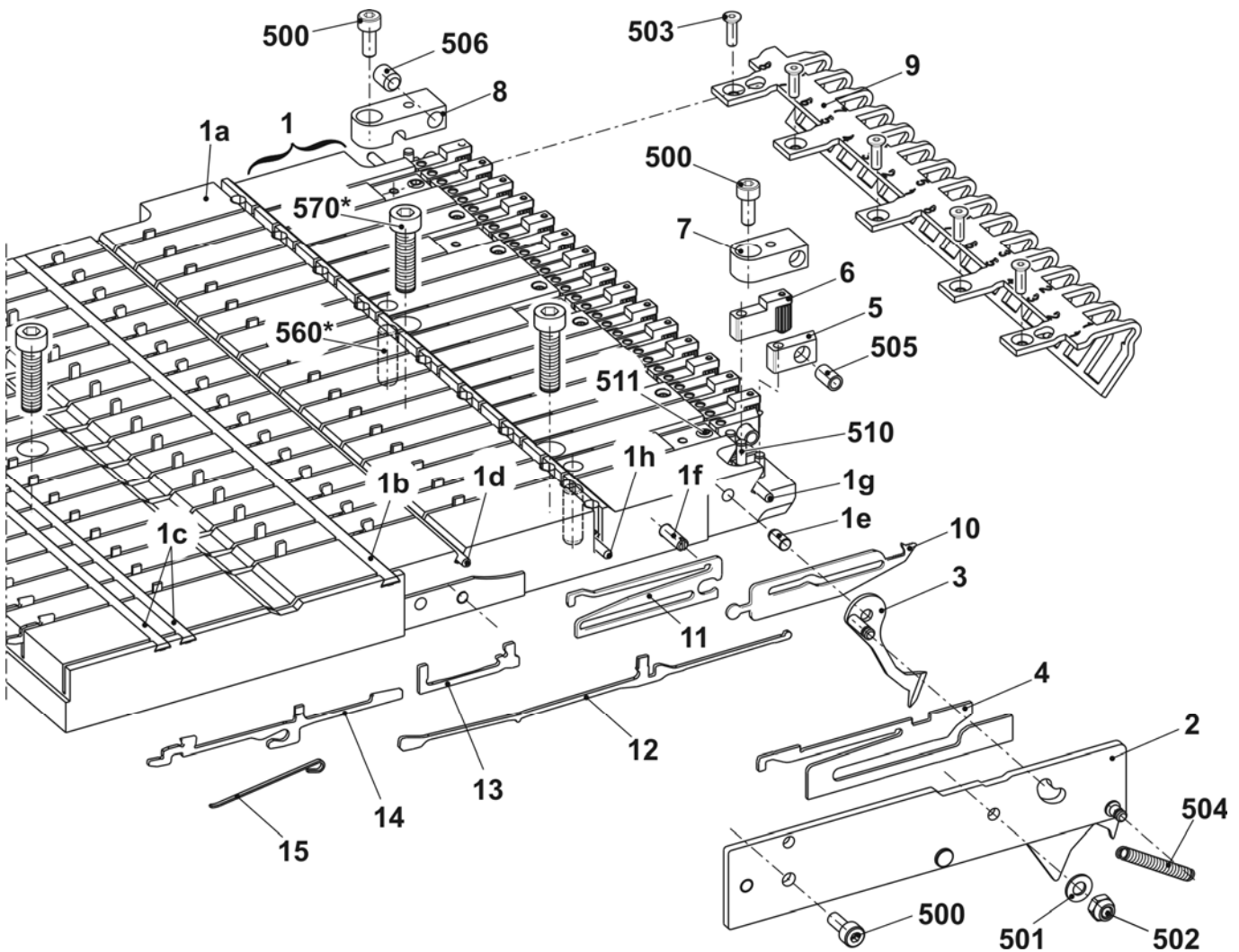
## Left clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Left clamping/cutting bed E5-8</b>	<b>244 732</b>			
1	Guide plate on the left E5-14	244 642	8	Spring holder	244 590
1a	Guide plate on the left E5-14	244 632	9	Holding strip on the left	250 607
1b	Cover rail	243 923	10	Tuck needle on the left E5-8	244 729
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E4-E8	200 687
1g	Fixed wire	244 588	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the left complete	211 771	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left	213 151	504	Tension spring 5x0.5x17.4	023 377
4	Slider E4-8	211 096	505	Compression spring D 117 W 7x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



# Left clamping/cutting bed E10-14

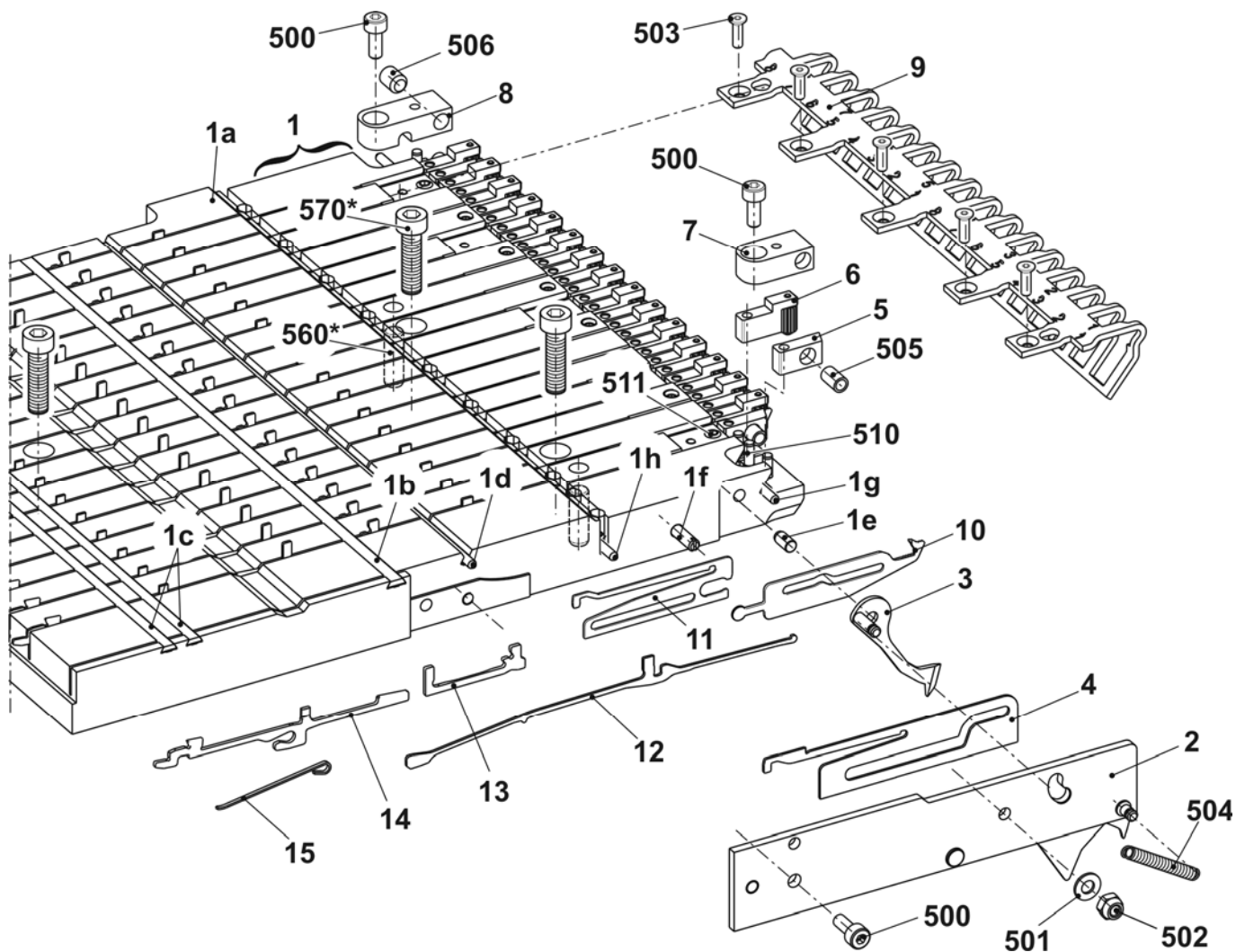
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Left clamping/cutting bed E10-14</b>	<b>244 643</b>			
1	Guide plate on the left E5-14	244 642	8	Spring holder	244 590
	1a Guide plate on the left E5-14	244 632	9	Holding strip on the left	250 607
	1b Cover rail	243 923	10	Tuck needle on the left E10-14	244 630
	1c Cover rail	243 924	11	Intermediate cam E10-14	244 591
	1d Fixed wire	243 925	12	Coupling part E4-E8	200 682
	1e Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
	1f Guide pin	211 351	14	Selection jack E10-14	200 687
	1g Fixed wire	244 588	15	Selector spring E4-E8	200 690
	1h Fixed wire	244 589	500	Cap screw M4x10	023 136
	510 Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
	511 Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the left complete	211 771	503	Countersunk head screw M3x10	242 029
3	Catch hook on the left	213 151	504	Tension spring 5x0.5x17.4	023 377
4	Slider E10-14	211 104	505	Compression spring D 117 W 7x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the left complete	244 633	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824





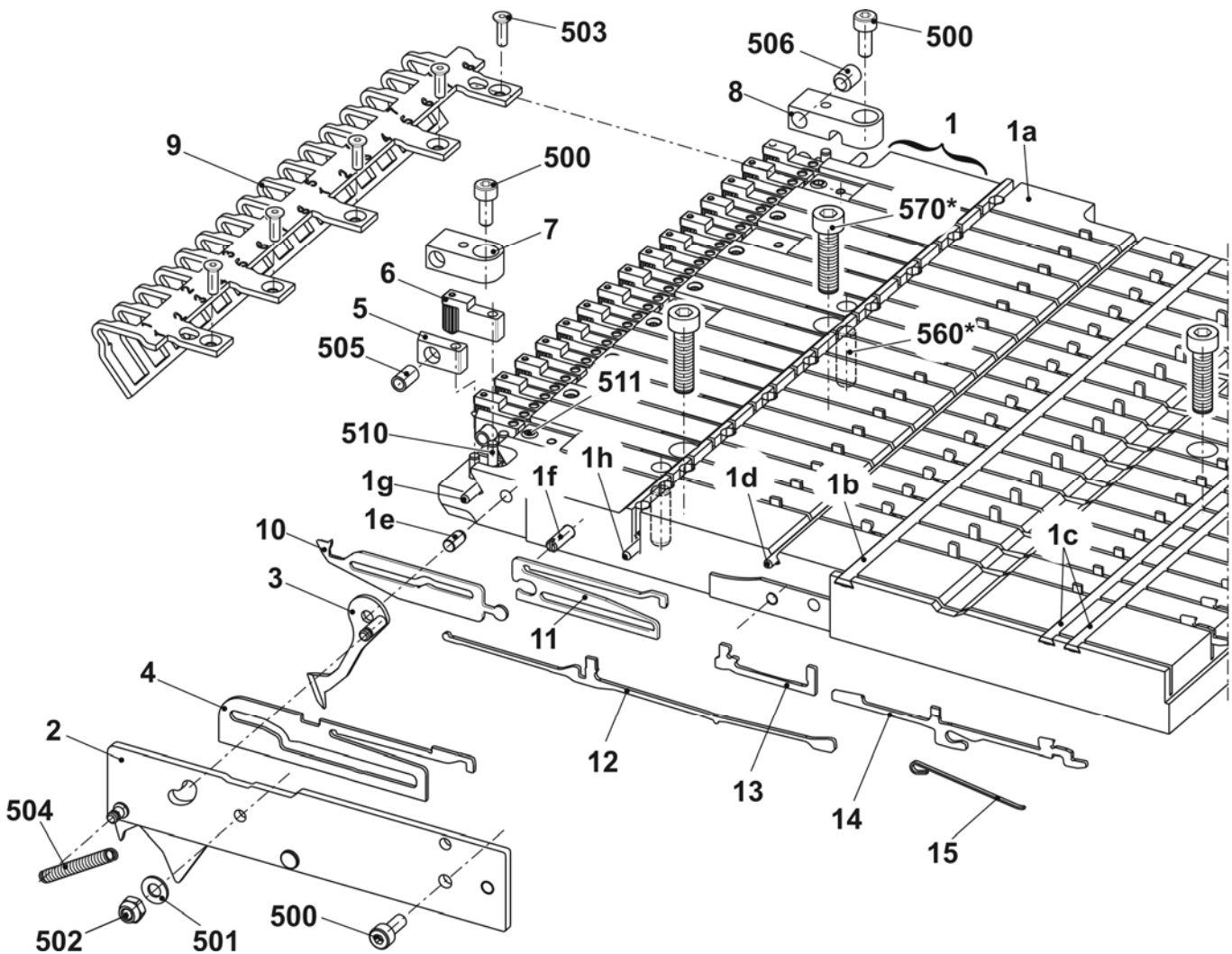
## Left clamping/cutting bed E16-18

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



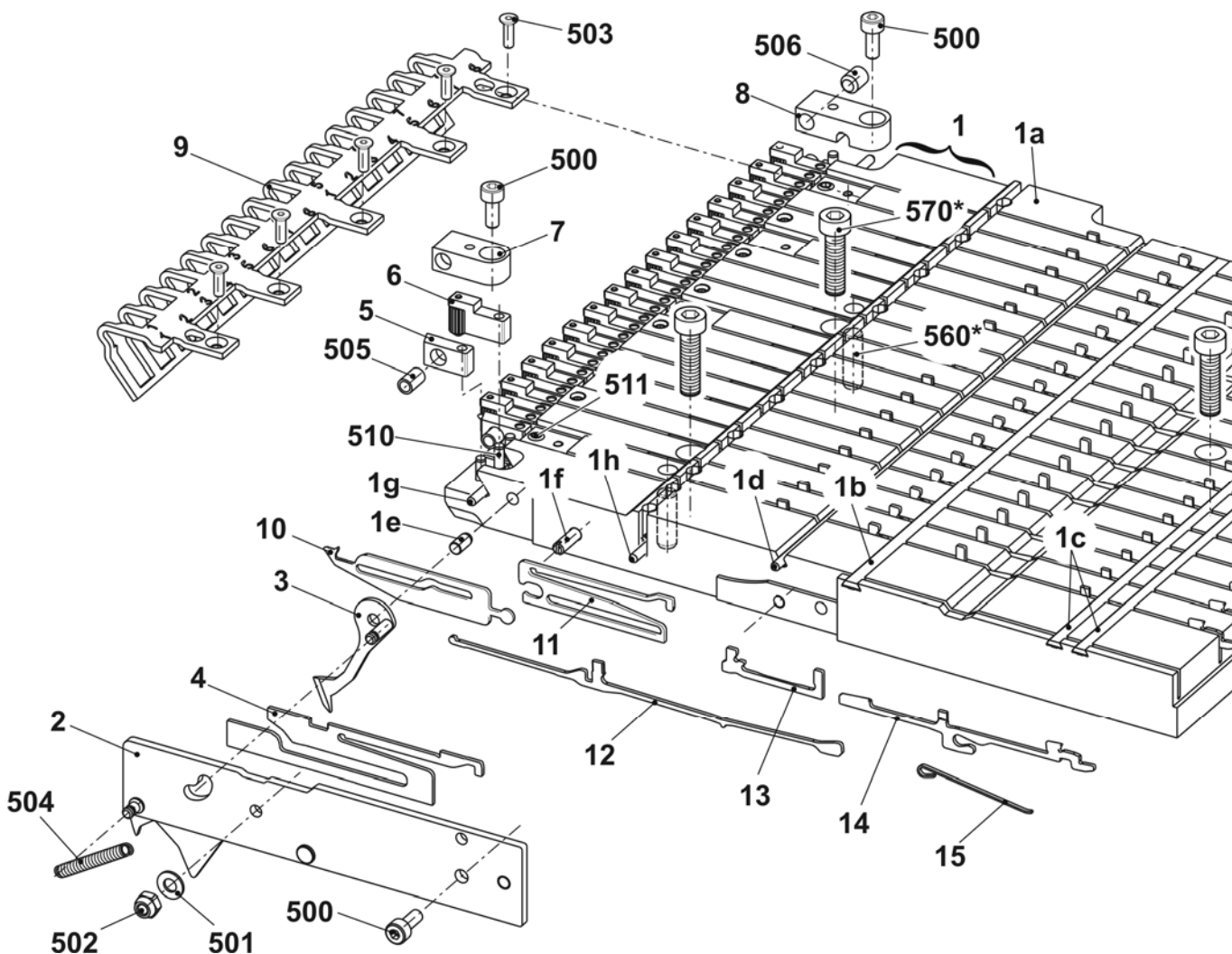
# Right clamping/cutting bed E5-8

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Right clamping/cutting bed E5-8</b>	<b>244 731</b>			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
	1a	244 586	9	Holding strip on the right	250 510
	1b	243 923	10	Tuck needle on the right E5-8	244 728
	1c	243 924	11	Intermediate cam E10-14	244 591
	1d	243 925	12	Coupling part E4-E8	200 682
	1e	211 349	13	Intermediate slider with brake E5-E8	237 323
	1f	211 351	14	Selection jack E4-E8	200 687
	1g	244 588	15	Selector spring E4-E8	200 690
	1h	244 589	500	Cap screw M4x10	023 136
	510	020 649	501	Hexagon nut M4-8	023 046
	511	236 061	502	Washer 4	020 870
2	Cover on the right complete	211 347	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right	213 150	504	Tension spring 5x0.5x17.4	023 377
4	Slider E4-8	211 096	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



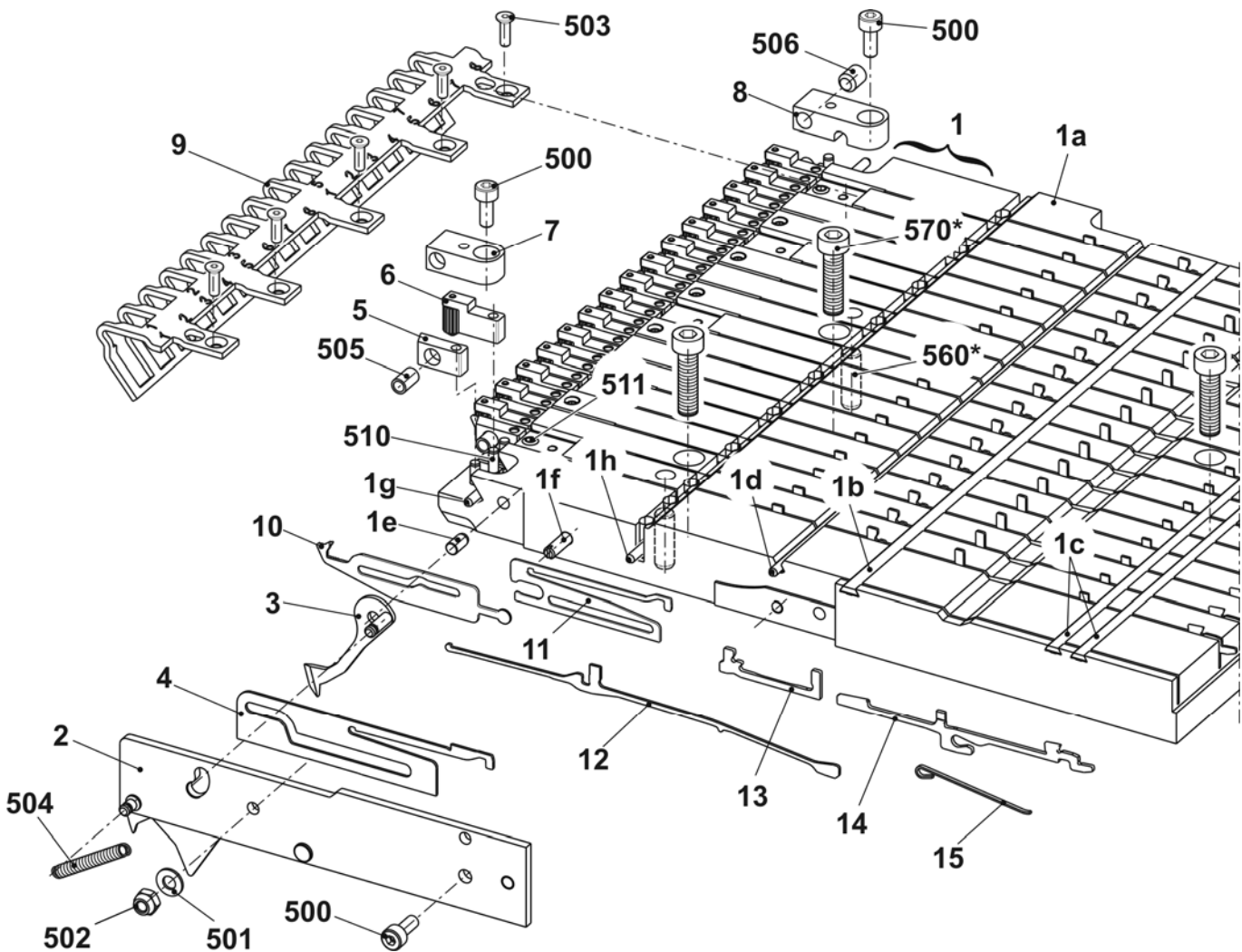
## Right clamping/cutting bed E10-14

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Right clamping/cutting bed E10-14</b>	<b>244 610</b>			
1	Guide plate on the right E5-14	244 601	8	Spring holder	244 590
1a	Guide plate on the right E5-14	244 586	9	Holding strip on the right	250 510
1b	Cover rail	243 923	10	Tuck needle on the right E10-14	244 592
1c	Cover rail	243 924	11	Intermediate cam E10-14	244 591
1d	Fixed wire	243 925	12	Coupling part E4-E8	200 682
1e	Axle	211 349	13	Intermediate slider with brake E5-E8	237 323
1f	Guide pin	211 351	14	Selection jack E10-14	200 687
1g	Fixed wire	244 588	15	Selector spring E4-E8	200 690
1h	Fixed wire	244 589	500	Cap screw M4x10	023 136
510	Setting pin 3x16	020 649	501	Hexagon nut M4-8	023 046
511	Set screw M5x5	236 061	502	Washer 4	020 870
2	Cover on the right complete	211 347	503	Countersunk head screw M3x10	242 029
3	Catch hook on the right	213 150	504	Tension spring 5x0.5x17.4	023 377
4	Slider E10-14	211 104	505	Compression spring D 117 W 07x4.3x12.1	023 521
5	Blade	243 948	506	Set screw M6x8-45H	022 581
6	Clamp on the right complete	244 602	560*	Setting pin 6x16	023 335
7	Spring holder	244 032	570*	Cap screw M6x20	244 824



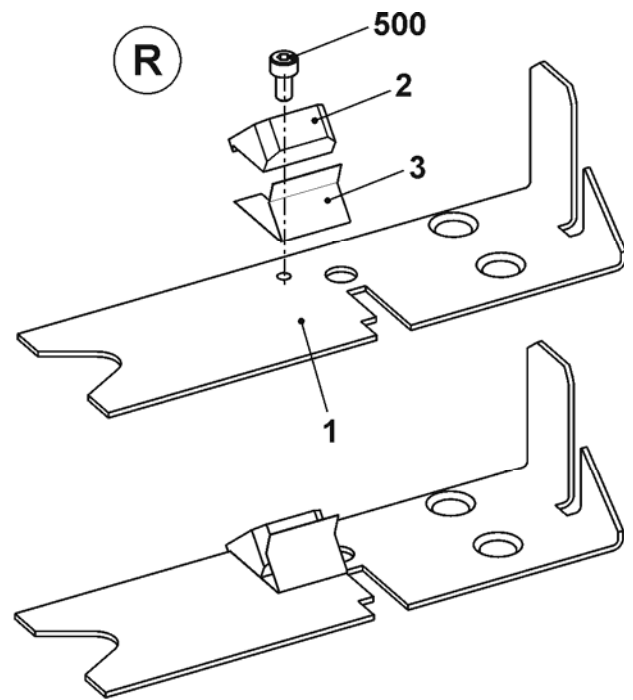
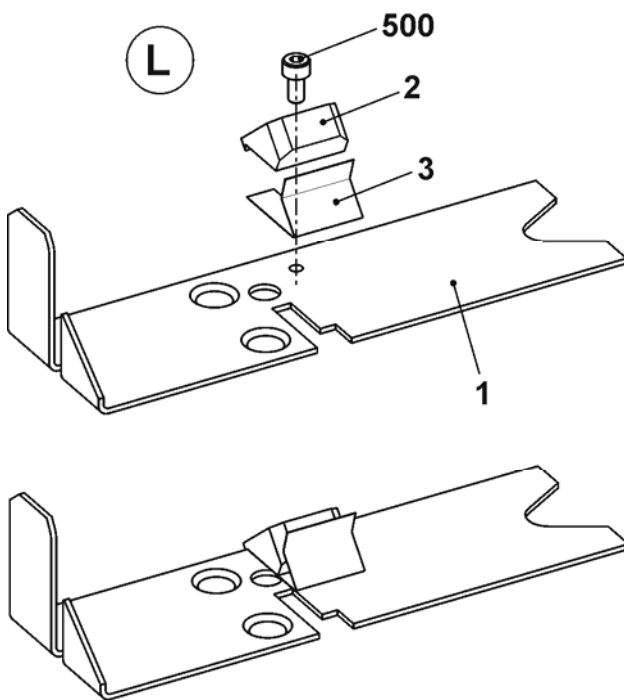
## Right clamping/cutting bed E16-18

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



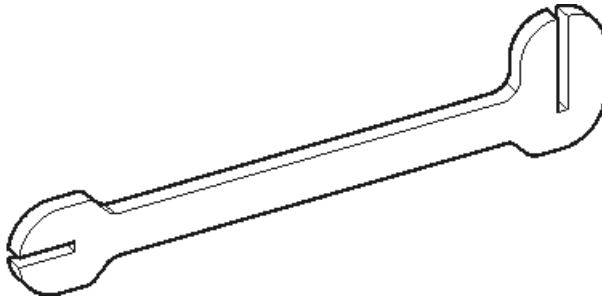
## Yarn brake on the left and right

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



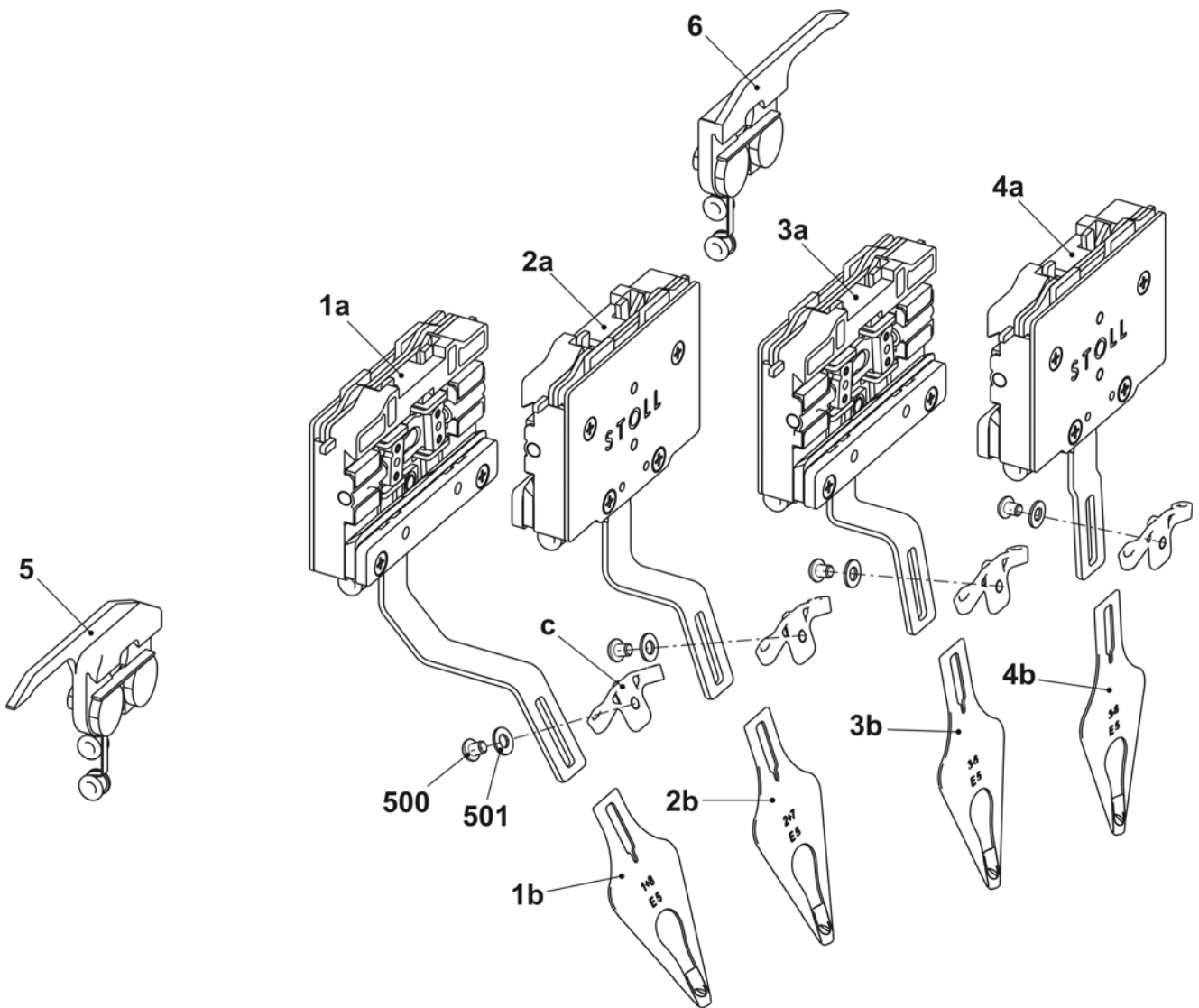
## Adjusting part

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



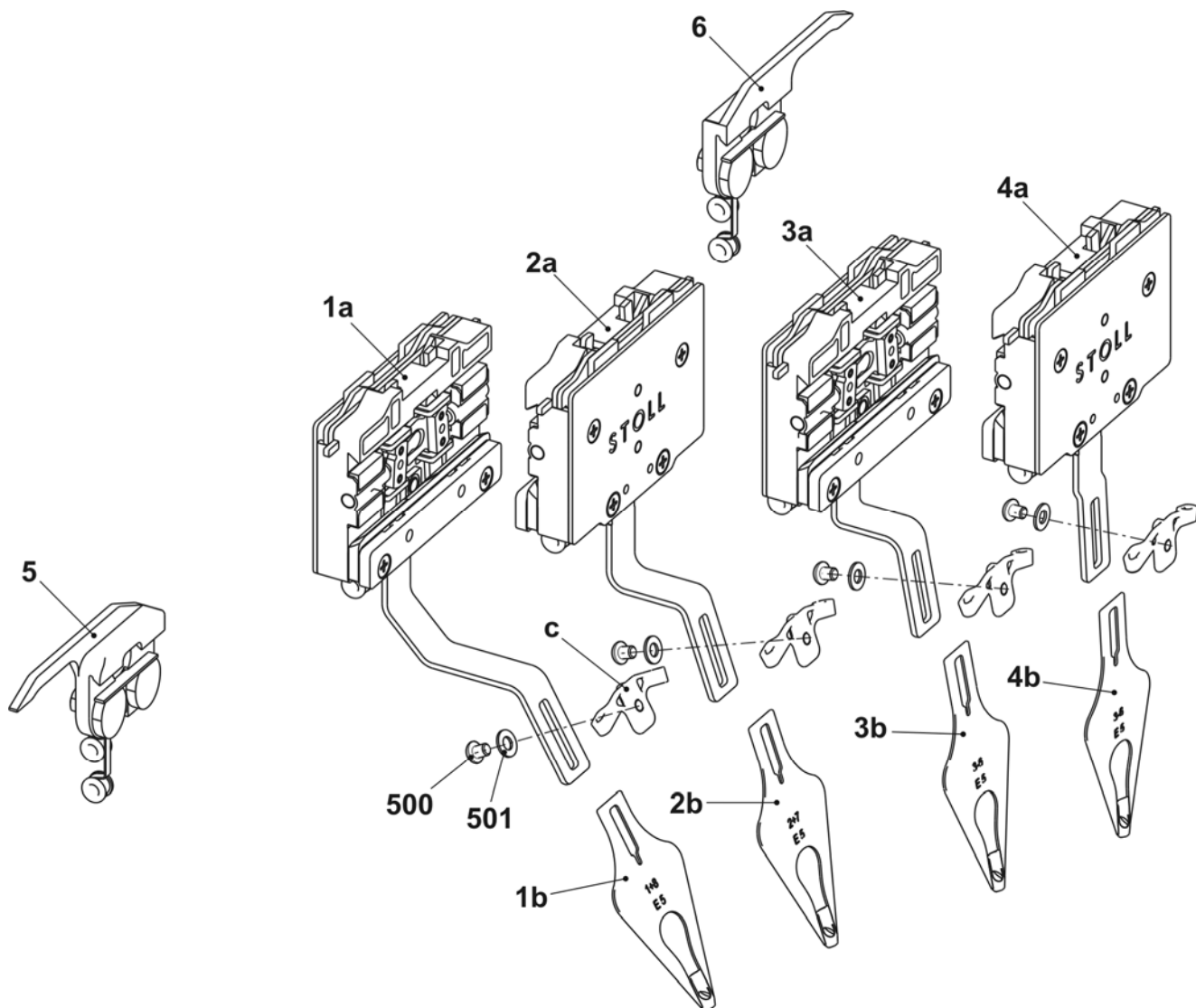
## Yarn guide complete E5 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide complete E5 IYC (E2,5.2/3,5.2/5.2)</b>	<b>245 161</b>			
1	Intarsia YC carriage complete 1+8 E5	250 319	4	Intarsia YC carriage complete 4+5 E5	250 322
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E5	244 076		4b Yarn carrier head 3-6 complete E5	244 078
2	Intarsia YC carriage complete 2+7 E5	250 320	5	Limiters on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiters on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E5	244 077	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E5	250 321	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E5	244 078			



## Yarn guide complete E7-8 IYC

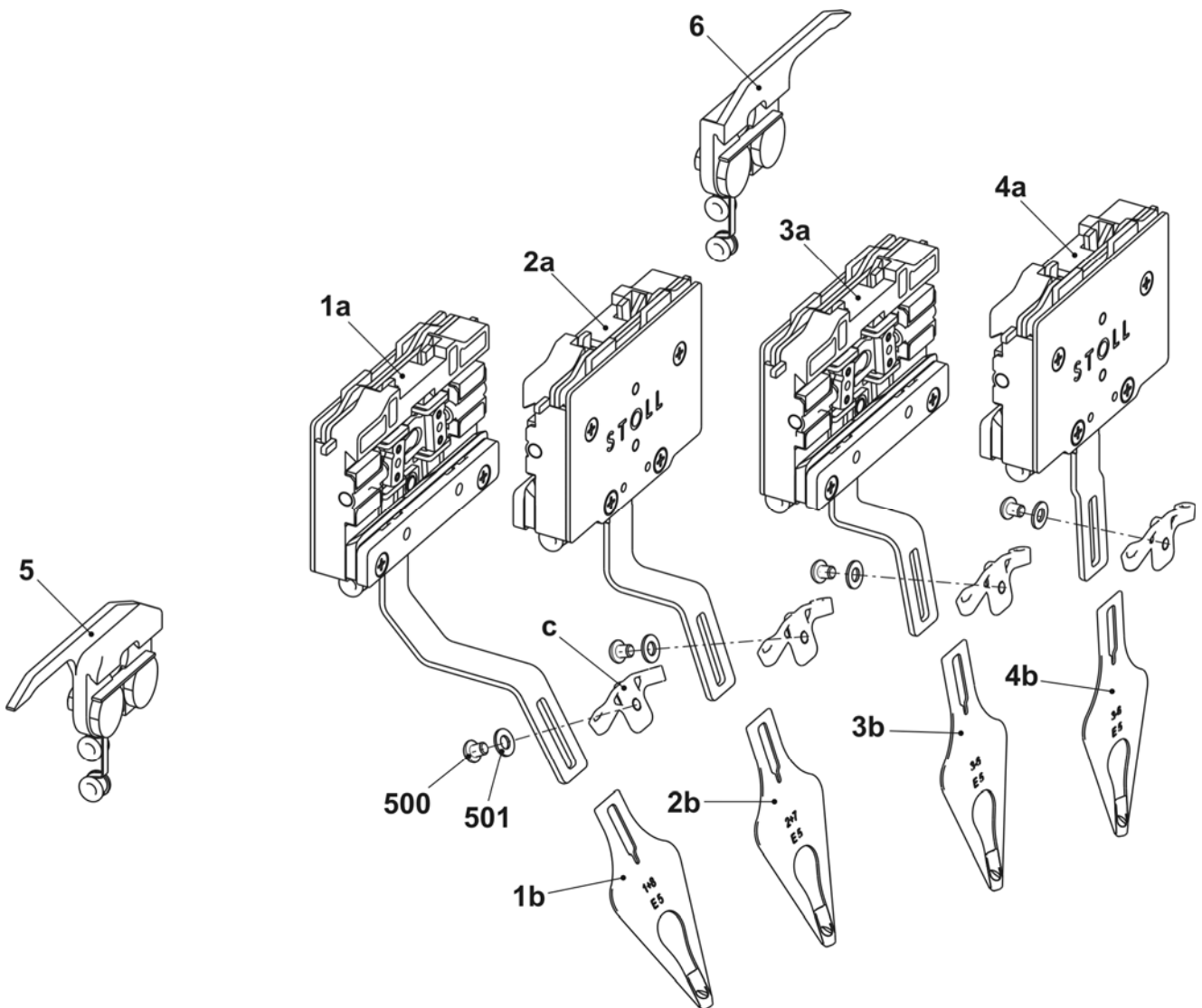
Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide complete E7-8 IYC (E6.2)</b>	<b>245 162</b>			
1	Intarsia YC carriage complete 1+8 E7-8	250 323	4	Intarsia YC carriage complete 4+5 E7-8	250 326
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage 4+5	250 318
	1b Yarn carrier head 1+8 complete E7-8	244 082		4b Yarn carrier head 3-6 complete E7-8	244 084
2	Intarsia YC carriage complete 2+7 E7-8	250 324	5	Limiters on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiters on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E7-8	244 083	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E7-8	250 325	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E7-8	244 084			





## Yarn guide complete E10-14 IYC

Pos	Designation	Ident No	Pos	Designation	Ident No
<b>Σ</b>	<b>Yarn guide complete E10-14 IYC (E7.2/8.2/9.2)</b>	<b>245 163</b>			
1	Intarsia YC carriage complete 1+8 E10-14	250 327	4	Intarsia YC carriage complete 4+5 E10-14	250 330
	1a Intarsia YC carriage 1+8	250 315		4a Intarsia YC carriage E10-14	250 318
	1b Yarn carrier head 1+8 complete E10-14	250 008		4b Yarn carrier head 3-6 complete E10-14	250 010
2	Intarsia YC carriage complete 2+7 E10-14	250 328	5	Limiters on the left with 2 eyelets	244 446
	2a IYC carriage 2+7	250 316	6	Limiters on the right with two eyelets	244 445
	2b Yarn carrier head 2+7 complete E10-14	250 009	C	Yarn guide angle	242 863
3	Intarsia YC carriage complete 3+6 E10-14	250 329	500	Countersunk screw M4x5	239 549
	3a Intarsia YC carriage 3+6	250 317	501	Washer 4	020 870
	3b Yarn carrier head 3-6 complete E10-14	250 010			



# Yarn guide complete E16-18 IYC

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

