Parts Manual

DoALL SAWING PRODUCTS

DS-320SA

Band Sawing Machine

MACHINE SPECIFICATIONS

MODEL **SERIAL NO.**

VOLTAGE **CYCLE** **PHASE**

For your information and future reference, insert pertinent data concerning your machine in the spaces provided above.
This information is printed on label attached to the machine frame.

Always specify model and seriál numbers on all parts orders and correspondence concerning your machine. This will help avoid unnecessary delays and inconvenience during processing.

The specifications contained herein were in effect at the time this manual was approved for printing.
The DoALL Company, whose policy is one of continuous product improvement, reserves the right to change specifications or design at any time without notice and without incurring obligations.

How to read your serial number:

For Sales, Parts and Service, call 1-888-362-5572

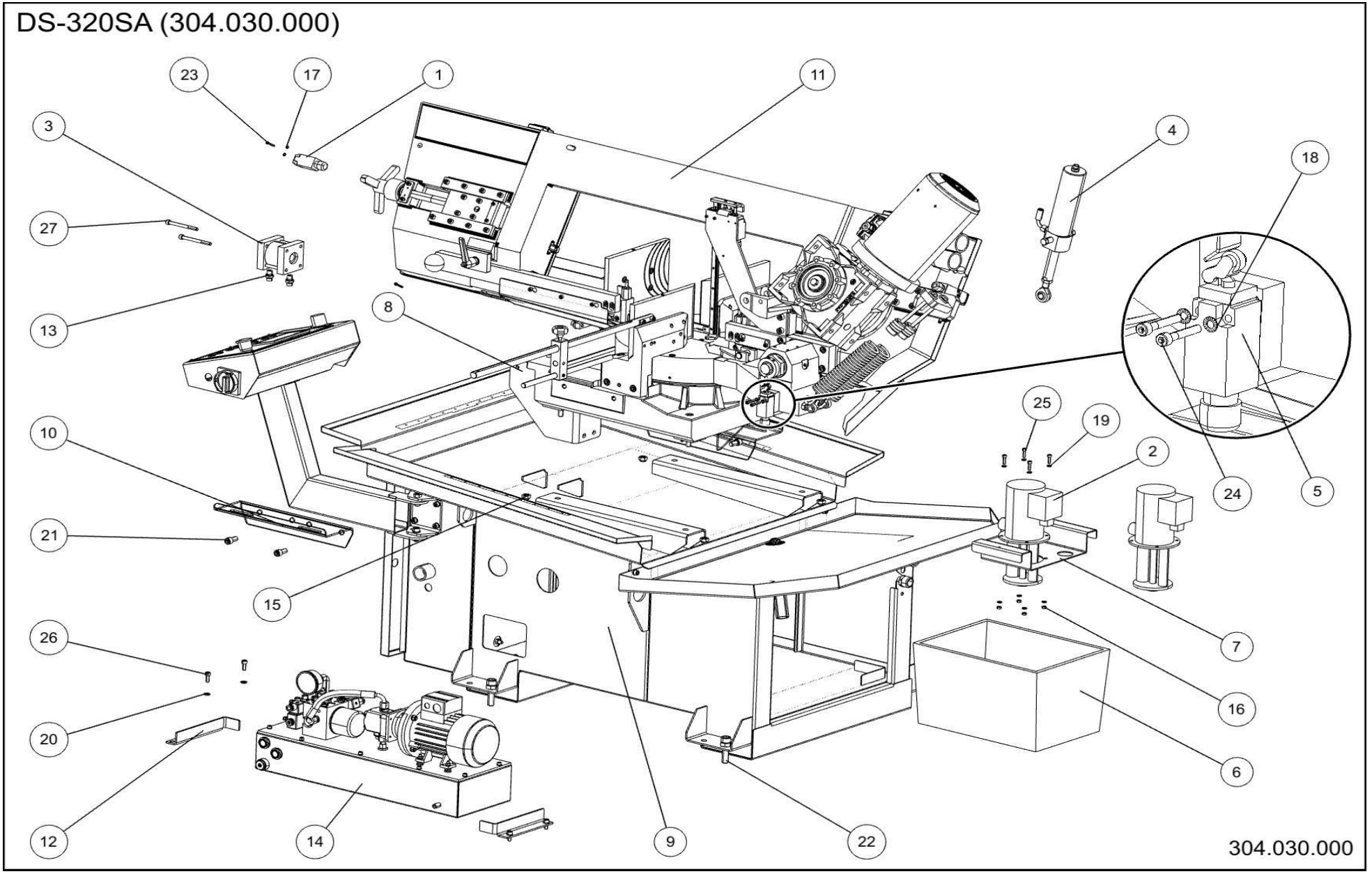
For general information, visit our web site at: **www.doallsawing.com**

DoAll SAWING PRODUCTS
5505 123RD ST.
SAVAGE MIN 55378 U.S.A.

YOUR SERVICE REPRESENTATIVE:

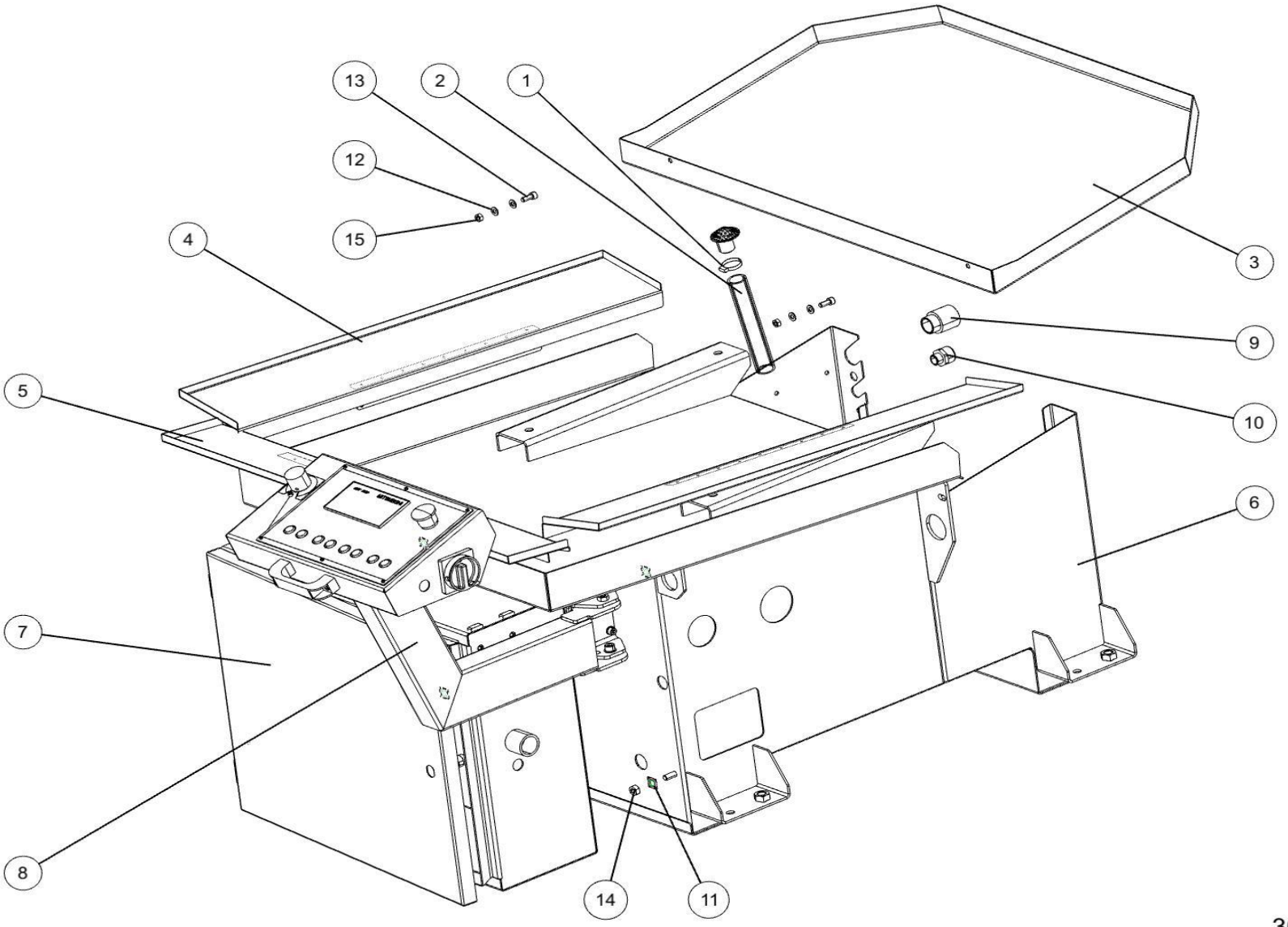
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DS-320SA (304.030.000)
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304.030.000

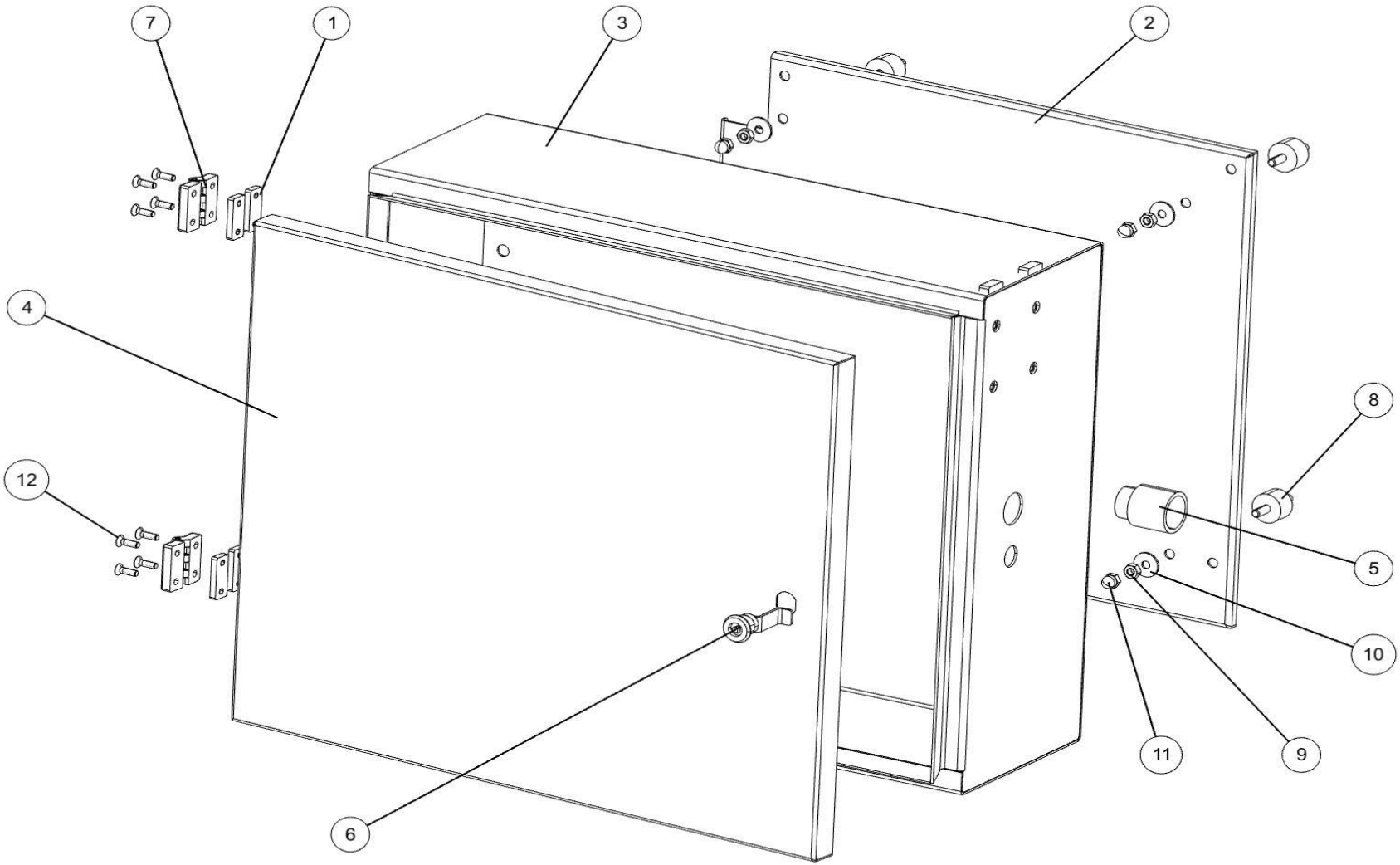
DS-320SA (304.030.000)			
ITM	**Title**	**Order code**	**QTY**
1	End - switch	250-71	1
2	Pump	032.126.000	1
3	Hydraulic cylinder	035.126.000.AB	1
4	Hydraulic cylinder	035.195.000	1
5	End - switch	044.000.004	1
6	Tank	060.000.097	1
7	Holder	235.000.003-a	1
8	Transport support	302.000.001	1
9	Base weldment	302.100.000	1
10	Bracket	302.604.000	2
11	Turntable + arm	304.032.000	1
12	Bracket	361.100.003	2
13	Screw connection		2
14	Hydraulic centrale		1
15	Nut DIN_958		4
16	Nut DIN_934		4
17	Washer DIN_6798		2
18	Washer DIN_6798		2
19	Washer DIN_125		8
20	Washer Din_125		4
21	Screw DIN_912		4
22	Screw DIN_912		4
23	Screw DIN_912		1
24	Screw DIN_912		2
25	Screw DIN_912		4
26	Screw DIN_912		4
27	Screw DIN_912		2

Base weldment (302.100.000)



Base weldment (302.100.000)			
ITM	**Title**	**Order code**	**QTY**
1	Clip TORRO	036.000.052	1
2	Hose	036.000.102	1
3	Drip plate	302.100.100	1
4	Drip plate	302.100.200	2
5	Drip plate	302.100.300	1
6	Base	302.101.000	1
7	Electrical enclosure	302.102.000	1
8	Control panel assembly	302.103.000	1
9	Bushing		1
10	Bushing		1
11	Washer DIN_125		4
12	Washer DIN_125		4
13	Screw DIN_912		2
14	Nut DIN_934		4
15	Nut DIN_934		2

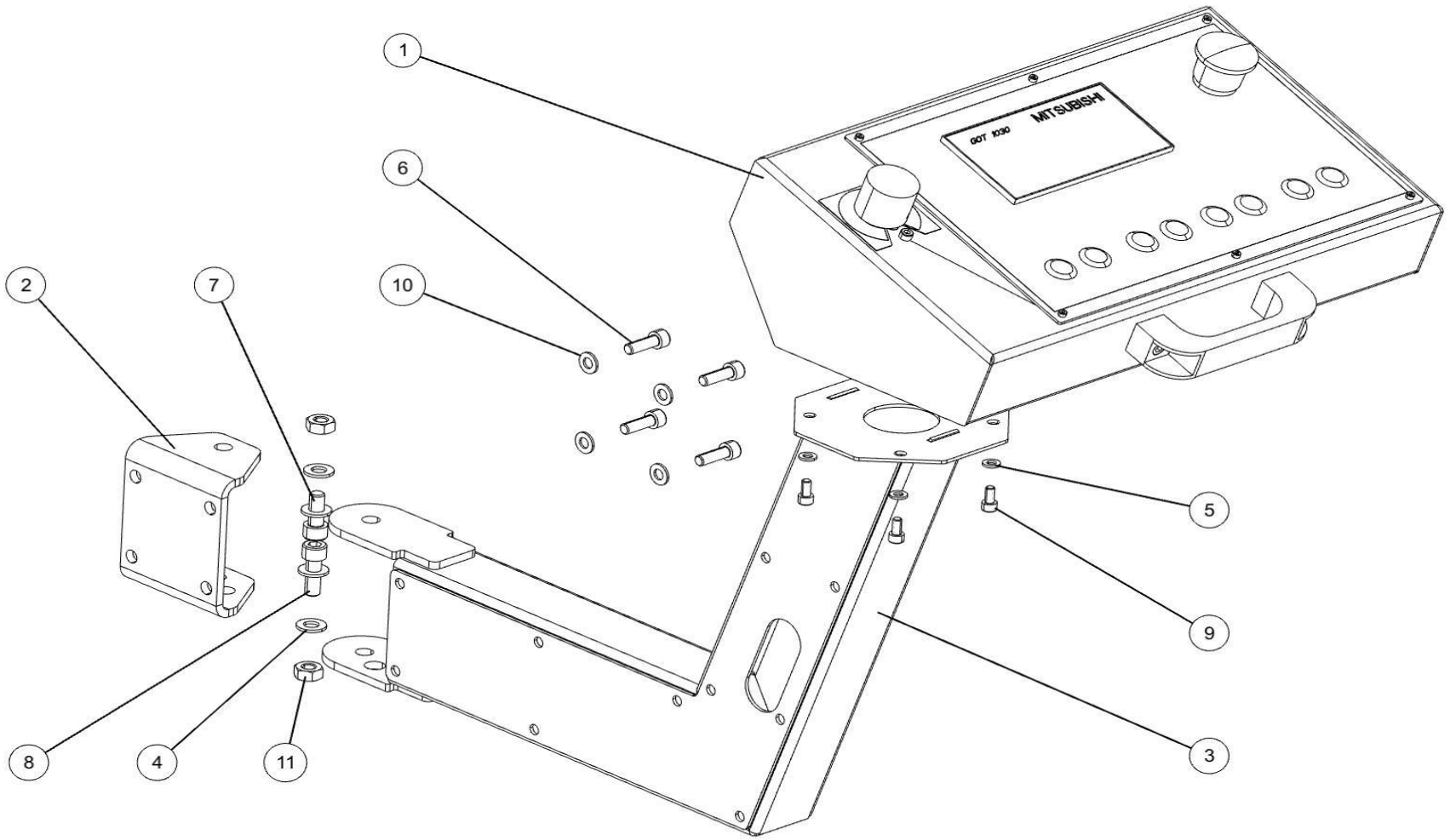
Electrical enclosure (302.102.000)



302.102.000

Electrical enclosure (302.102.000)			
ITM	**Title**	**Order code**	**QTY**
1	Nut	302.102.002	4
2	Power board	302.102.001	1
3	Box	302.102.100	1
4	Door	302.102.200	1
5	Bushing		1
6	Lock	049.000.055	1
7	Hinge	060.000.042	2
8	Silentblock	060.000.071	4
9	Nut DIN_934		4
10	Washer DIN_9021		4
11	Nut		4
12	Screw DIN_7991		8

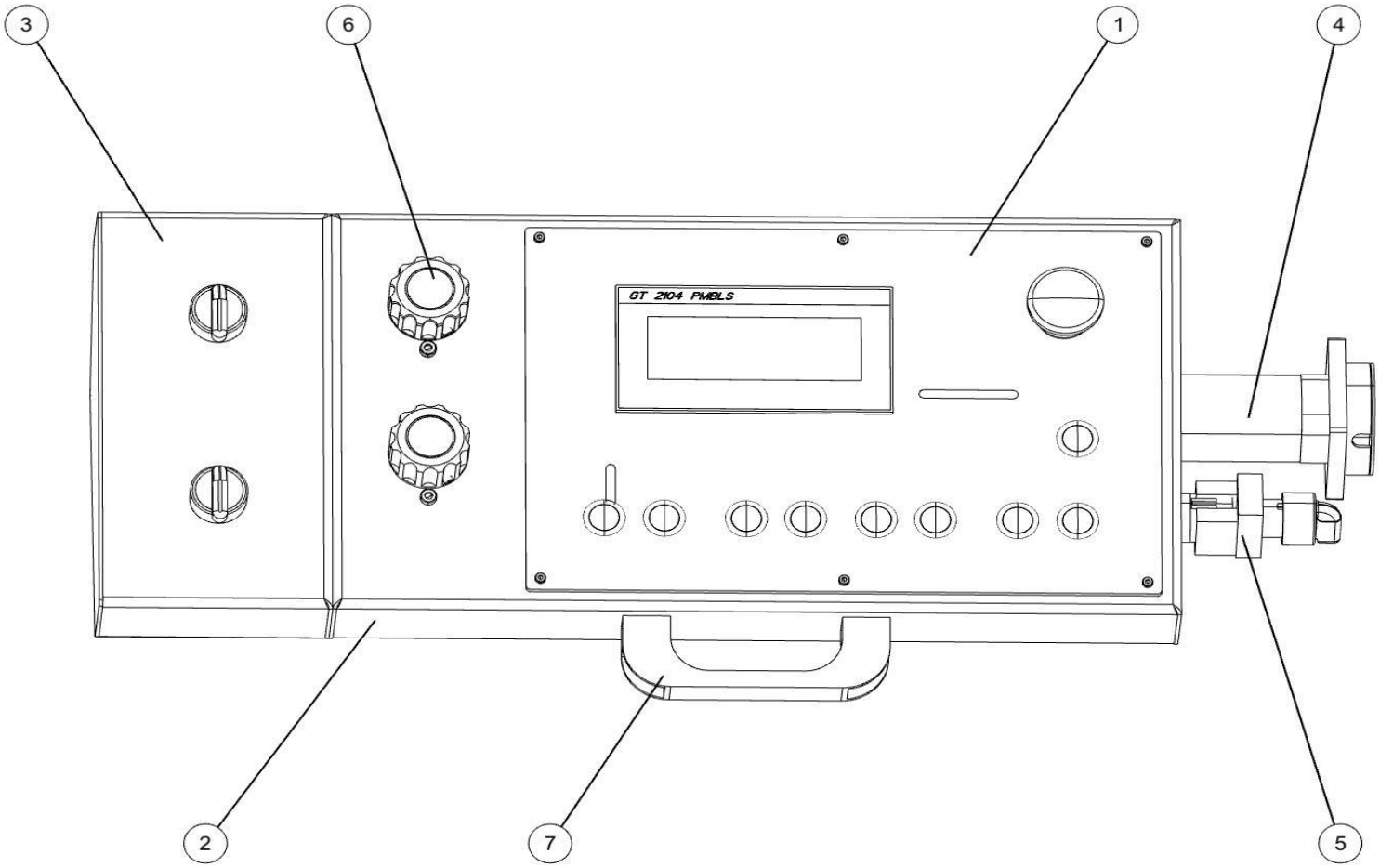
Control panel assembly (302.105.000)



302.105.000

Control panel assembly (302.105.000)			
ITM	**Title**	**Order code**	**ITM**
1	Control panel	000.146.000.A	1
2	Bracket	302.103.201	1
3	Arm	302.103.100	1
4	Washer DIN_125		4
5	Washer DIN_125		4
6	Screw DIN_912		4
7	Screw DIN_912		1
8	Screw DIN_912		1
9	Screw DIN_912		4
10	Washer DIN_125		4
11	Nut DIN_934		2

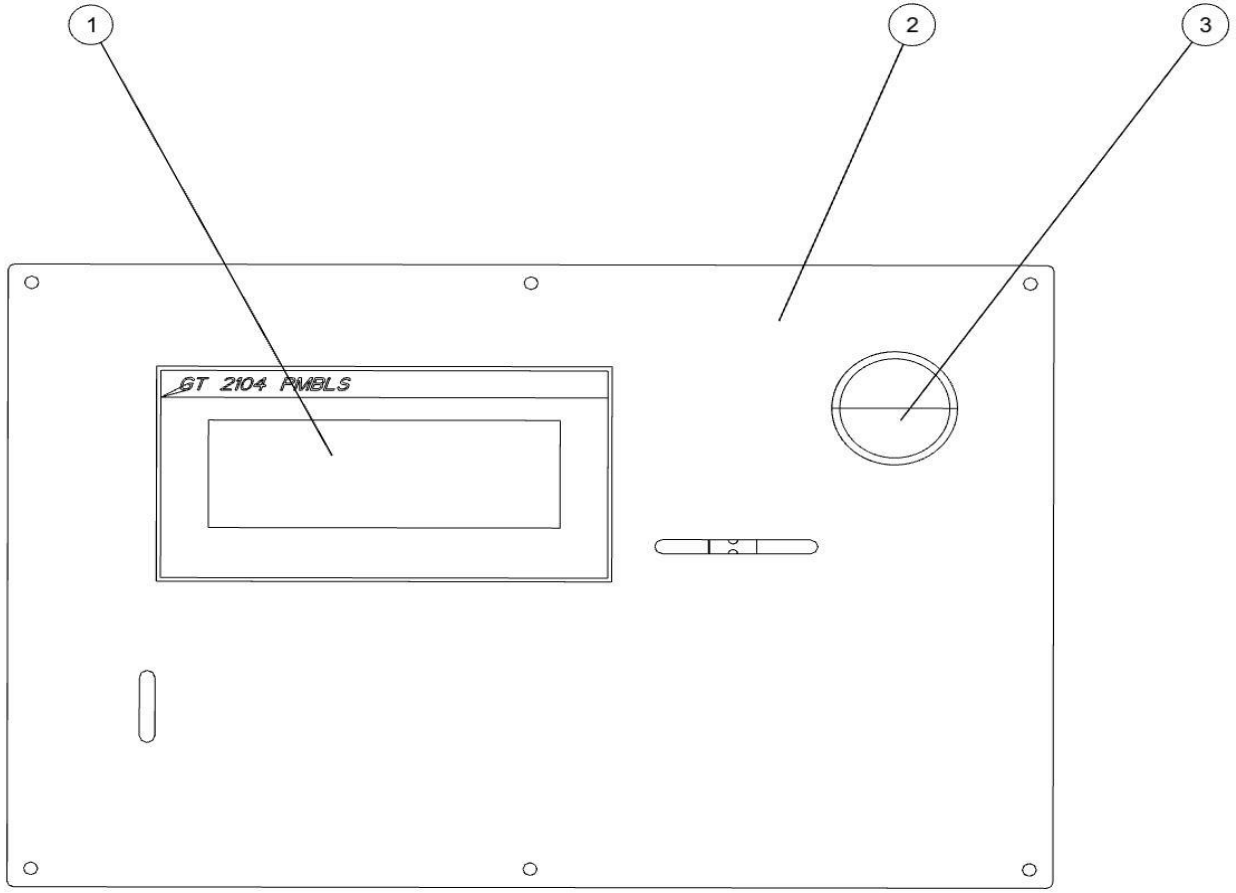
Control panel (000.146.000.A)



000.146.000.A

Control panel (000.146.000.A)			
ITM	**Title**	**Order code**	**QTY**
1	Plate assembly	000.147.200	1
2	Base	000.146.100	8
3	Control panel adapter	000.146.200	1
4	Main switch	045.000.016	1
5	Switch	045.000.020	1
6	Throttle valve	037.143.000	1
7	Handle	060.000.001	1

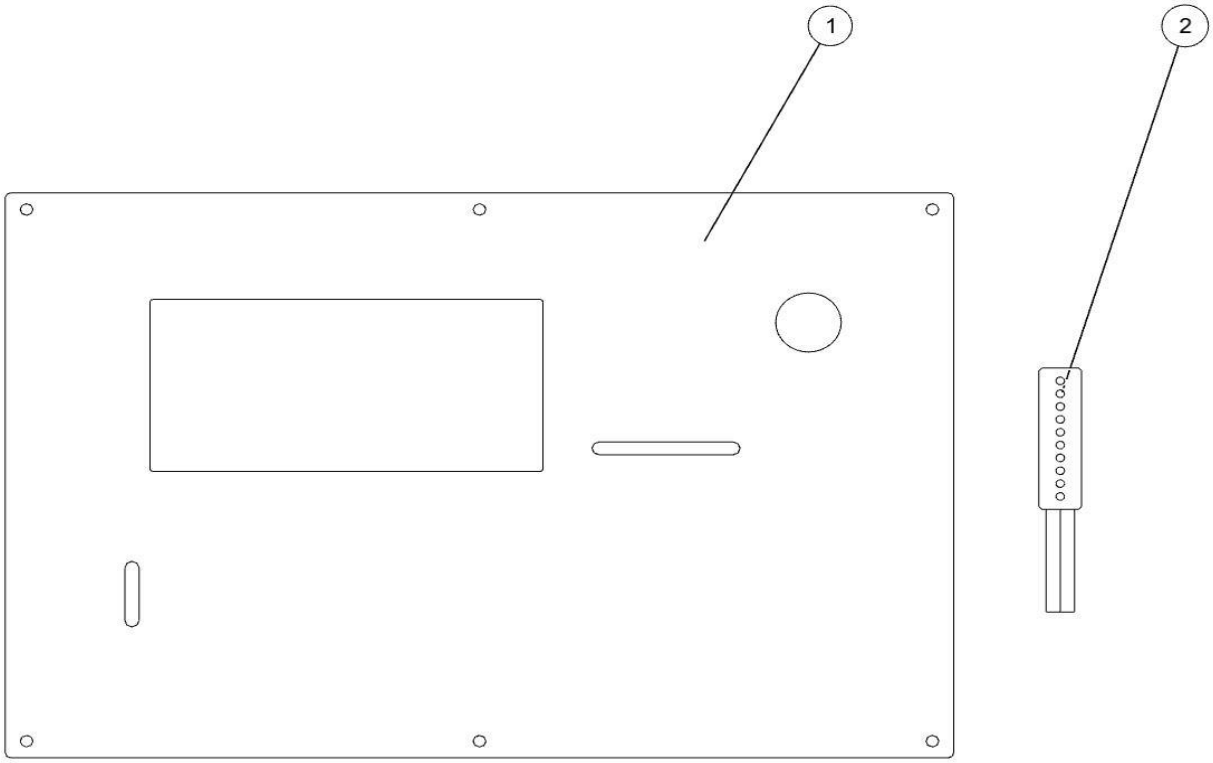
Plate assembly (000.147.200)



000.147.200

Plate assembly (000.147.200)			
ITM	**Title**	**Order code**	**QTY**
1	Control panel GT2104	049.000.423	1
2	Keyboard assembly	000.147.210	1
3	Emergency stop button	045.000.037	1

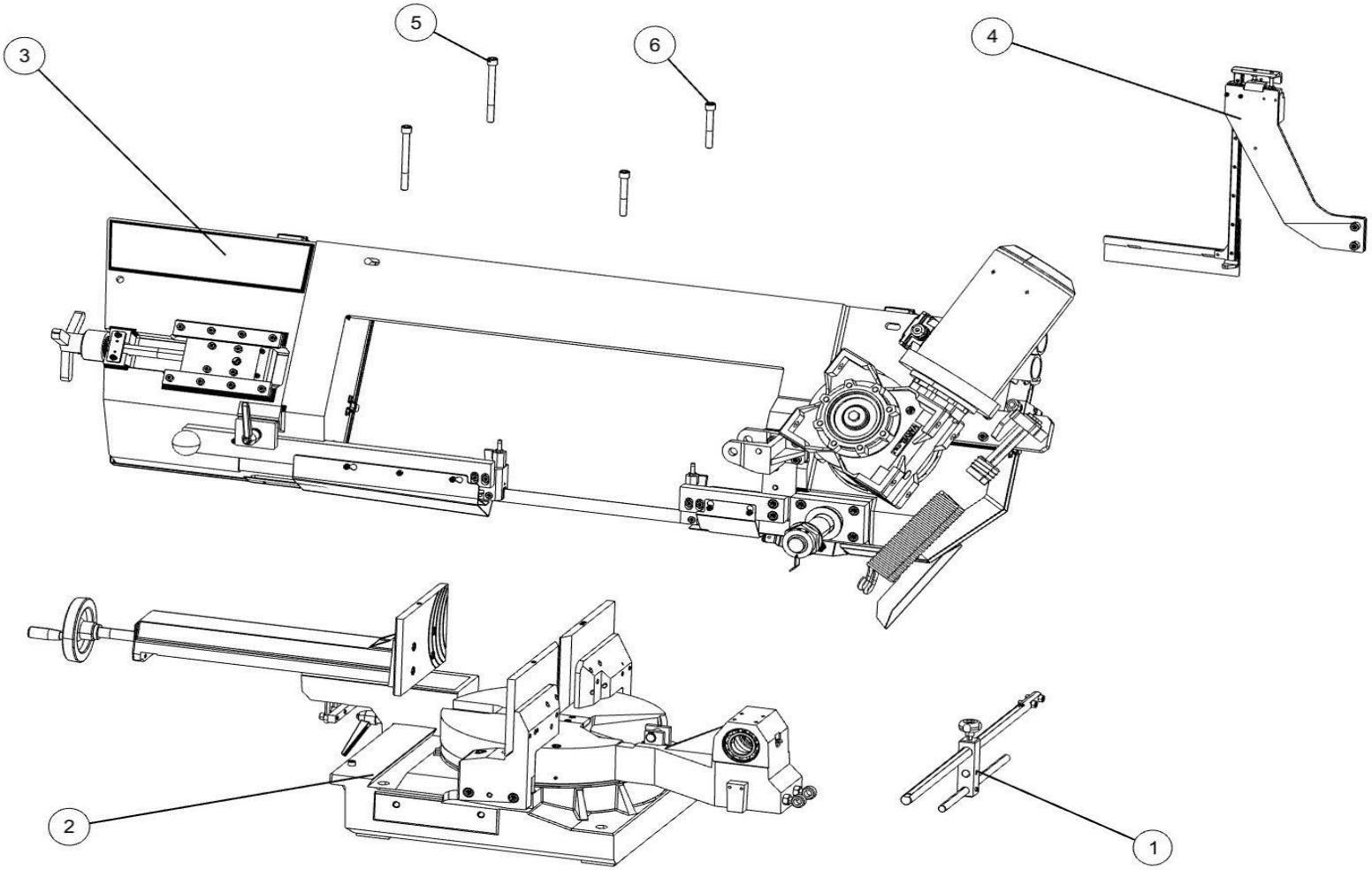
Keyboard assembly (000.147.210)



000.147.210

Keyboard assembly (000.147.210)			
ITM	**Title**	**Order code**	**QTY**
1	Plate	000.147.101	1
2	Conector	049.000.445	1
3	Keyboard	088.089.111	1

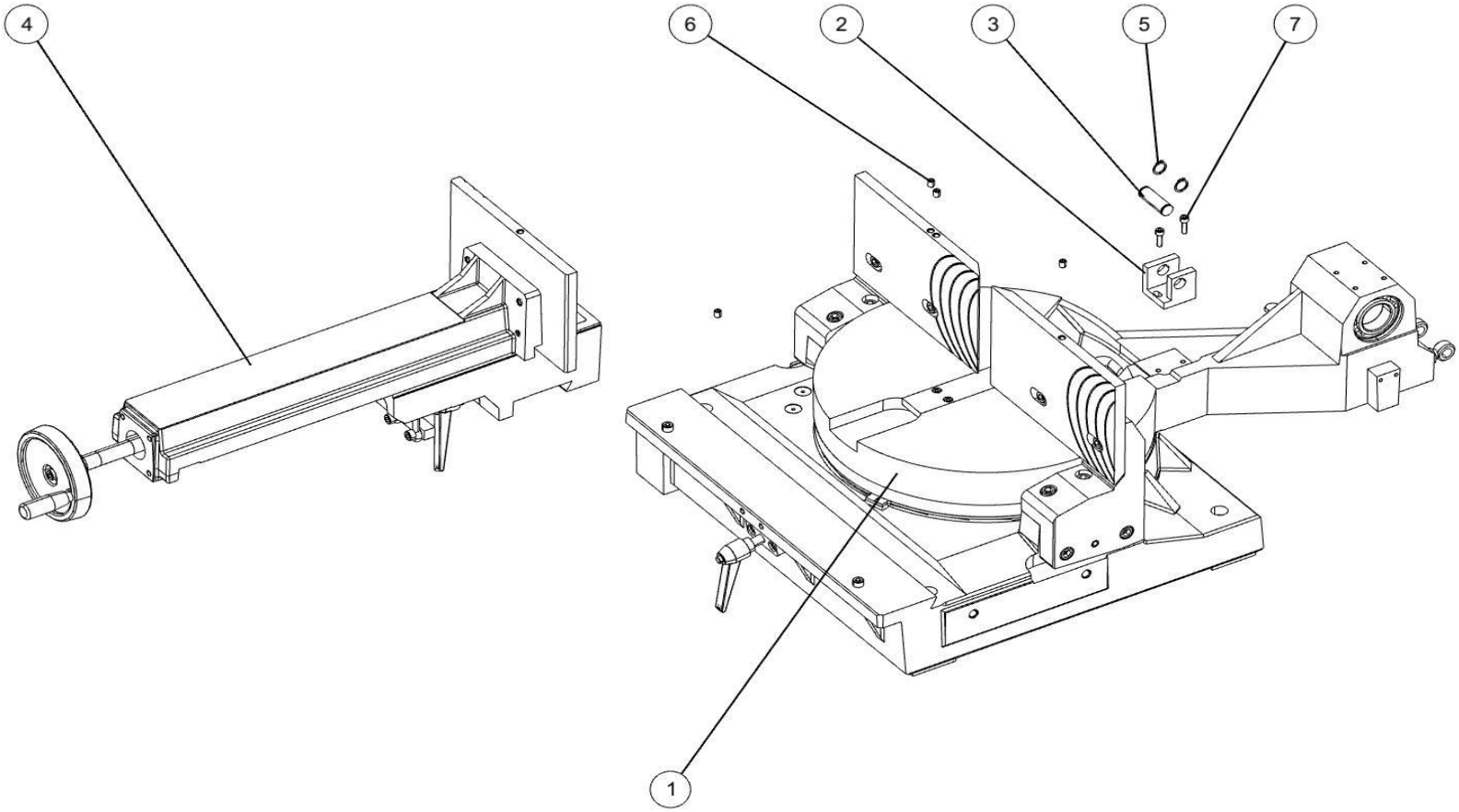
Turntable + arm (304.032.000)



304.032.000

Turntable + arm (304.032.000)			
ITM	**Title**	**Order code**	**QTY**
1	Measuring	000.103.000	1
2	Vise assembly	304.200.000	1
3	Frame assembly	304.300.000	1
4	Work height assembly	T302.350.000A	1
5	Screw DIN_912		2
6	Screw DIN_912		2

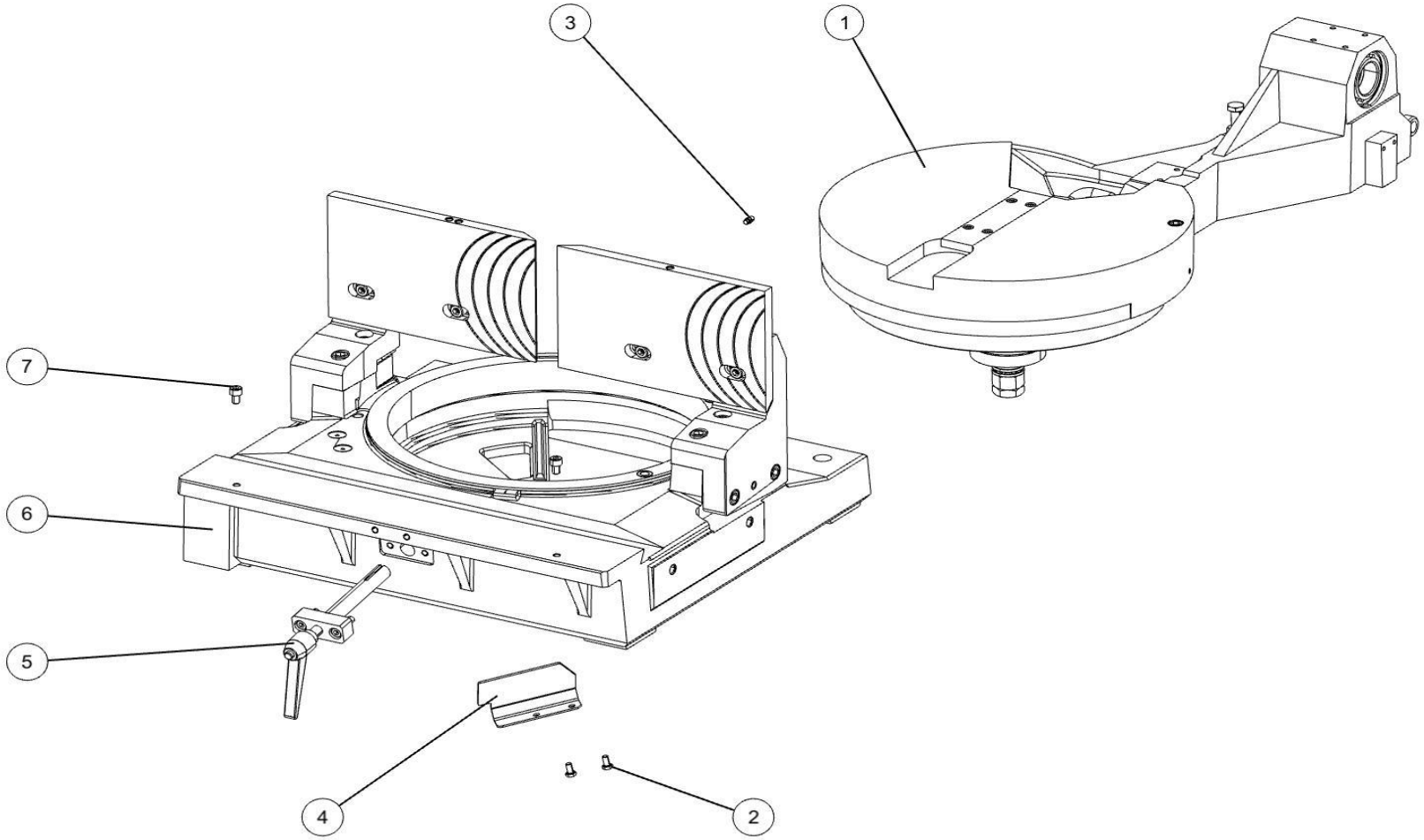
Vise assembly (304.200.000)



304.200.000

Vise assembly (304.200.000)			
ITM	**Title**	**Order code**	**QTY**
1	Turntable assembly	304.230.000	1
2	Bracket	T290.215.033	1
3	Pivot	T290.215.034	1
4	Vise	T290.237.000	1
5	Retaining ring		2
6	Screw DIN_913		4
7	Screw DIN_912		2

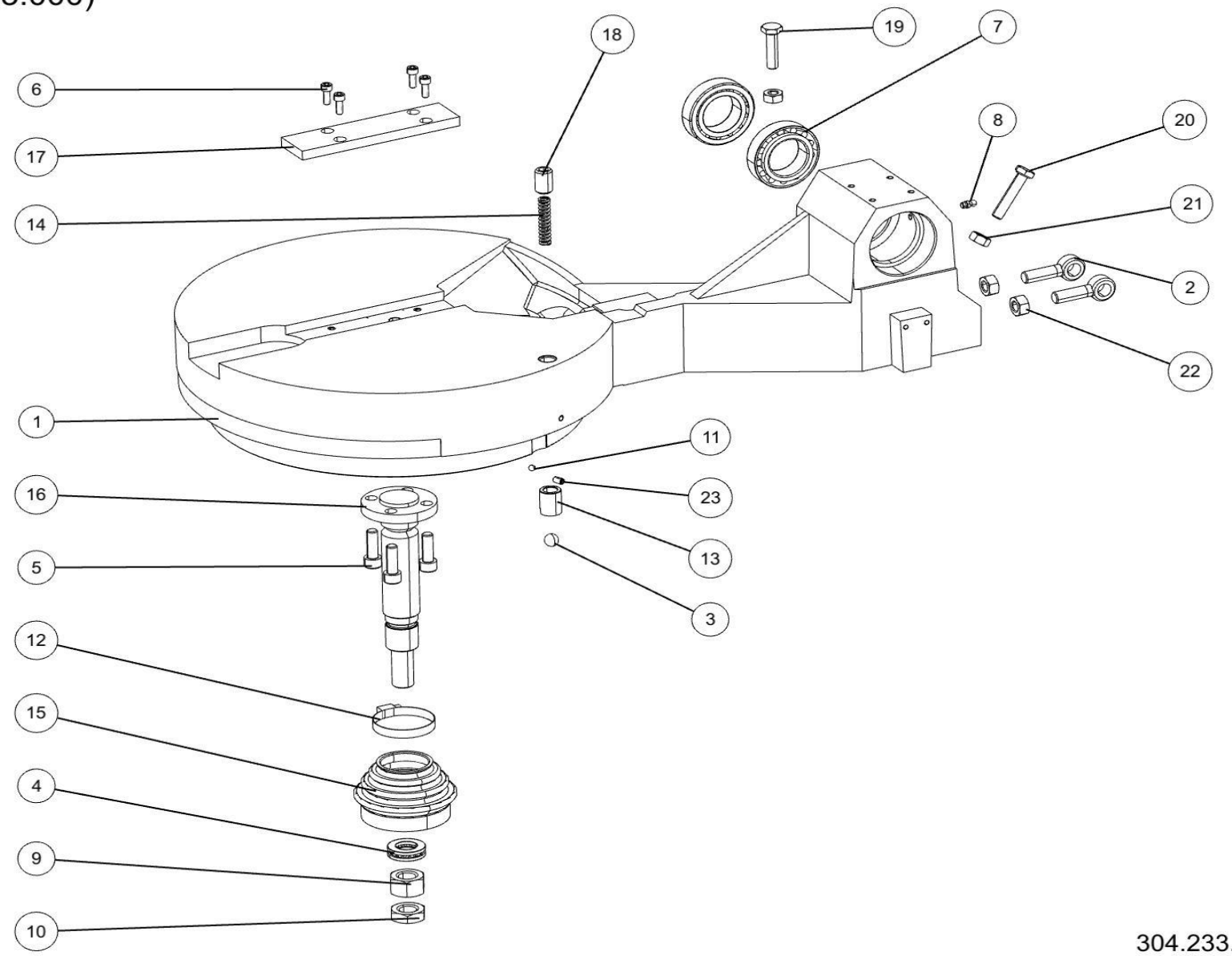
Turntable assembly (304.230.000)



304.230.000

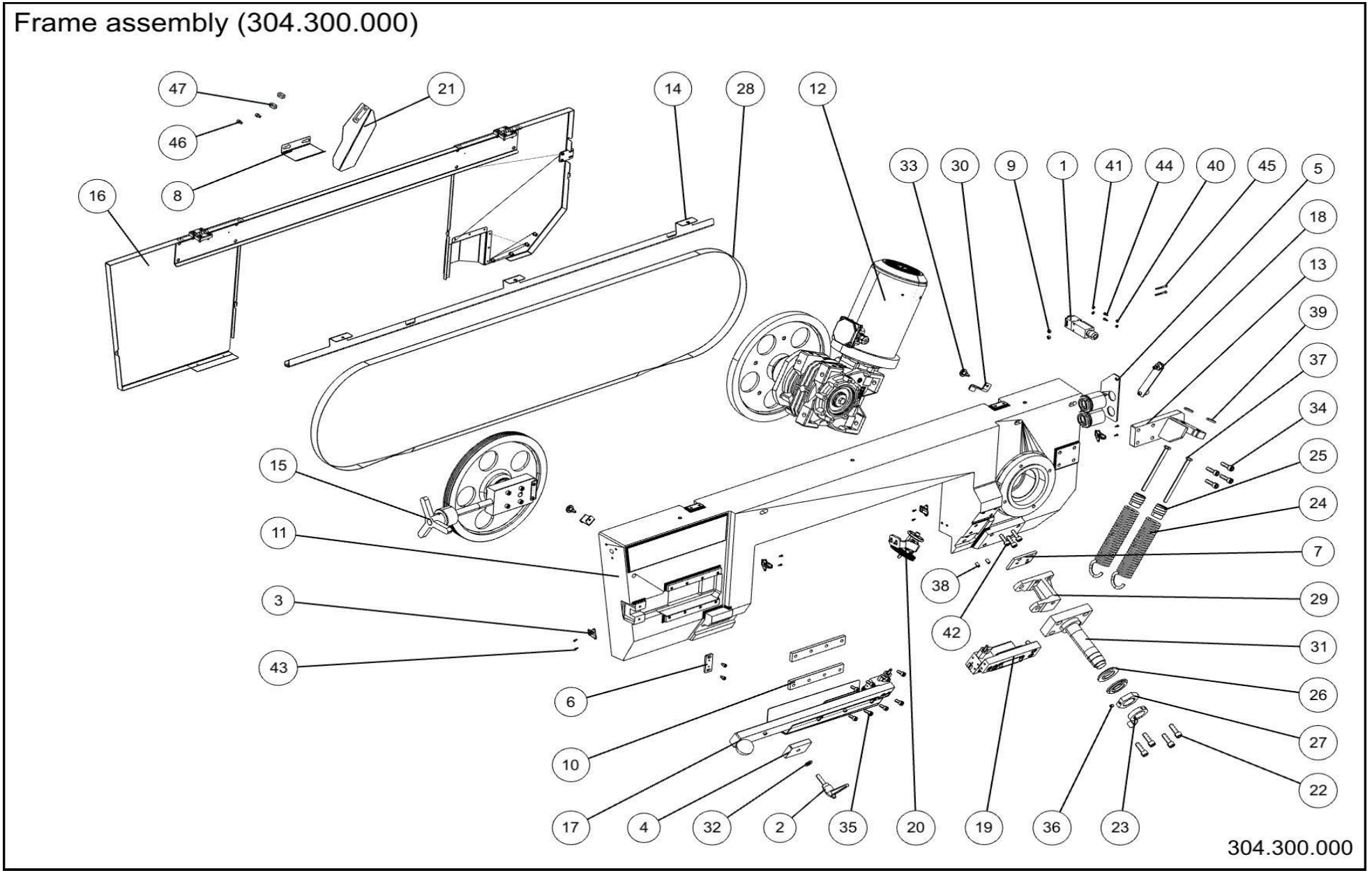
Turntable assembly (304.230.000)			
ITM	**Title**	**Order code**	**QTY**
1	Turntable	304.233.000A	1
2	Screw DIN_931		2
3	Screw		1
4	Cover	T290.231.013	1
5	Plastic handle	T302.231.000	1
6	Turntable mounting	T302.232.000	1
7	Screw DIN_912		2

Turntable (304.233.000)



Turntable (304.233.000)			
ITM	**Title**	**Order code**	**QTY**
1	Turntable	304.233.001	1
2	Screw	060.000.116	2
3	Ball	060.000.224	1
4	Bearing_51104		1
5	Screw DIN_912		4
6	Screw DIN_912		4
7	Bearing	015.000.016	2
8	Screw		1
9	Nut DIN_4032		1
10	Nut DIN_4035		1
11	Ball	060.000.165	1
12	Clip TORRO		1
13	Roller	T290.233.010	1
14	Spring	T290.233.012	1
15	Cuff	T290.233.013	1
16	Pivot	T290.233.090_A	1
17	Filler plate	T302.233.002	1
18	Screw DIN_913		1
19	Screw DIN_933		1
20	Screw DIN_933		1
21	Nut DIN_934		2
22	Nut DIN_934		2
23	Screw DIN_913		1

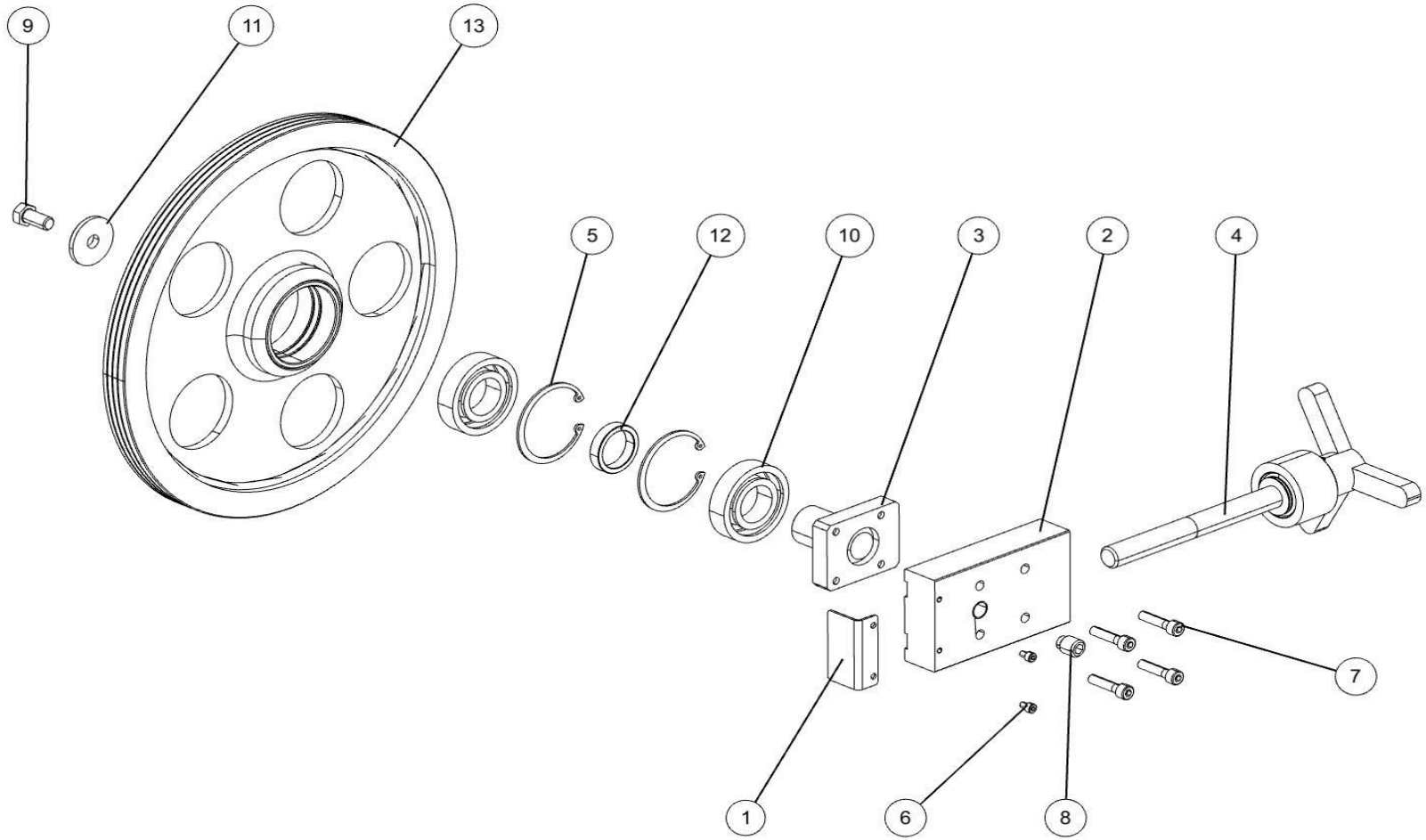
Frame assembly (304.300.000)



Frame assembly (304.300.000)			
ITM	**Title**	**Order code**	**QTY**
1	End - switch	044.000.012	1
2	Plastic handle	060.000.055	1
3	Latch, male	060.000.082	4
4	Plate	230.320.003	1
5	Bracket	230.320.006	1
6	Holder	230.320.007	1
7	Pad	302.310.003	1
8	Cover	302.341.001	1
9	Washer	304.000.001	2
10	Plate	304.300.001	2
11	Frame	304.300.005	1
12	Drive	304.315.000	1
13	Bracket	304.316.000	1
14	Holder	304.320.100	1
15	Idler bandwheel assembly	304.321.000	1
16	Blade guard assembly	304.326.000B	1
17	L.R. guide block assembly	304.330.000A	1
18	Support	304.331.000	1
19	L.H. guide block assembly	304.336.000	1
20	Chip brush assembly	304.340.000	1
21	Drip plate	304.340.010	1
22	Screw		4
23	Stop	T240.340.100	1
24	Spring	T290.317.001	2
25	Spring nut	T290.317.003	2
26	Washer	T290.341.001	2
27	Nut	T290.341.003	1
28	Belt	T302.300.003	1
29	Bracket	T302.310.002	1

Frame assembly (304.300.000)			
ITM	**Title**	**Order code**	**QTY**
30	Blade holder	T302.310.004	2
31	Pivot	T302.320.000	1
32	Washer DIN_125		1
33	Screw DIN_464		2
34	Screw DIN_912		4
35	Screw DIN_912		8
36	Screw DIN_913		1
37	Screw DIN_933		2
38	Peg DIN_6325		2
39	Washer DIN_6340		2
40	Nut DIN_934		2
41	Washer DIN_125		2
42	Screw DIN_912		3
43	Screw DIN_912		8
44	Screw DIN_912		2
45	Screw DIN_912		2
46	Screw DIN_912		2
47	Screw DIN_912		2

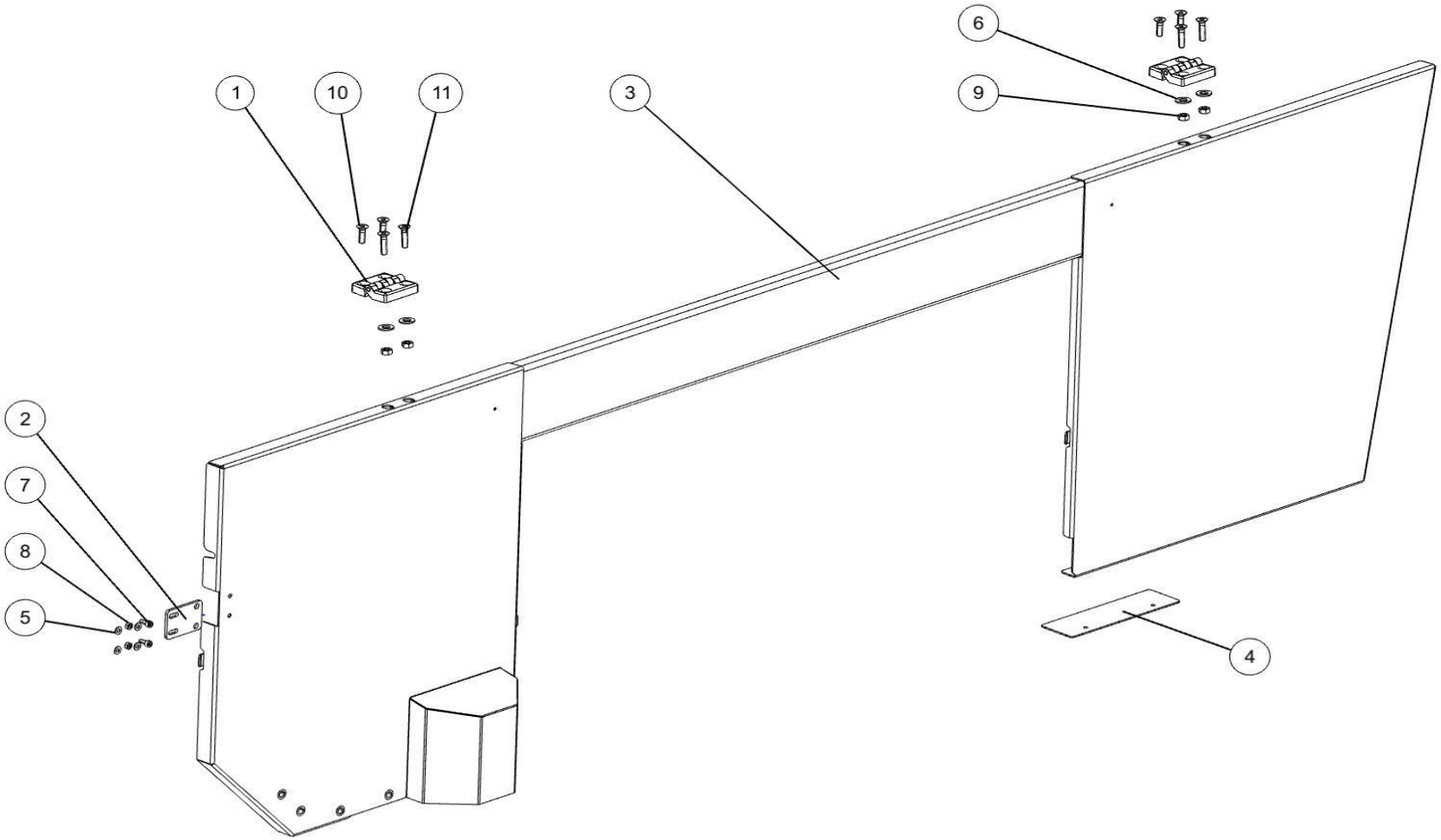
Idler bandwheel assembly (304.321.000)



304.321.000

Idler bandwheel assembly (304.321.000)			
ITM	**Title**	**Order code**	**QTY**
1	Cover	304.321.002	1
2	Plate	304.321.003	1
3	Pivot	304.321.100	1
4	Lever	304.321.200	1
5	Retaining ring		2
6	Screw DIN_912		2
7	Screw DIN_912		4
8	Screw		1
9	Screw		1
10	Bearing		2
11	Washer	T290.332.012	1
12	Spacer ring	T290.332.015	1
13	Pulley	T302.332.100	1

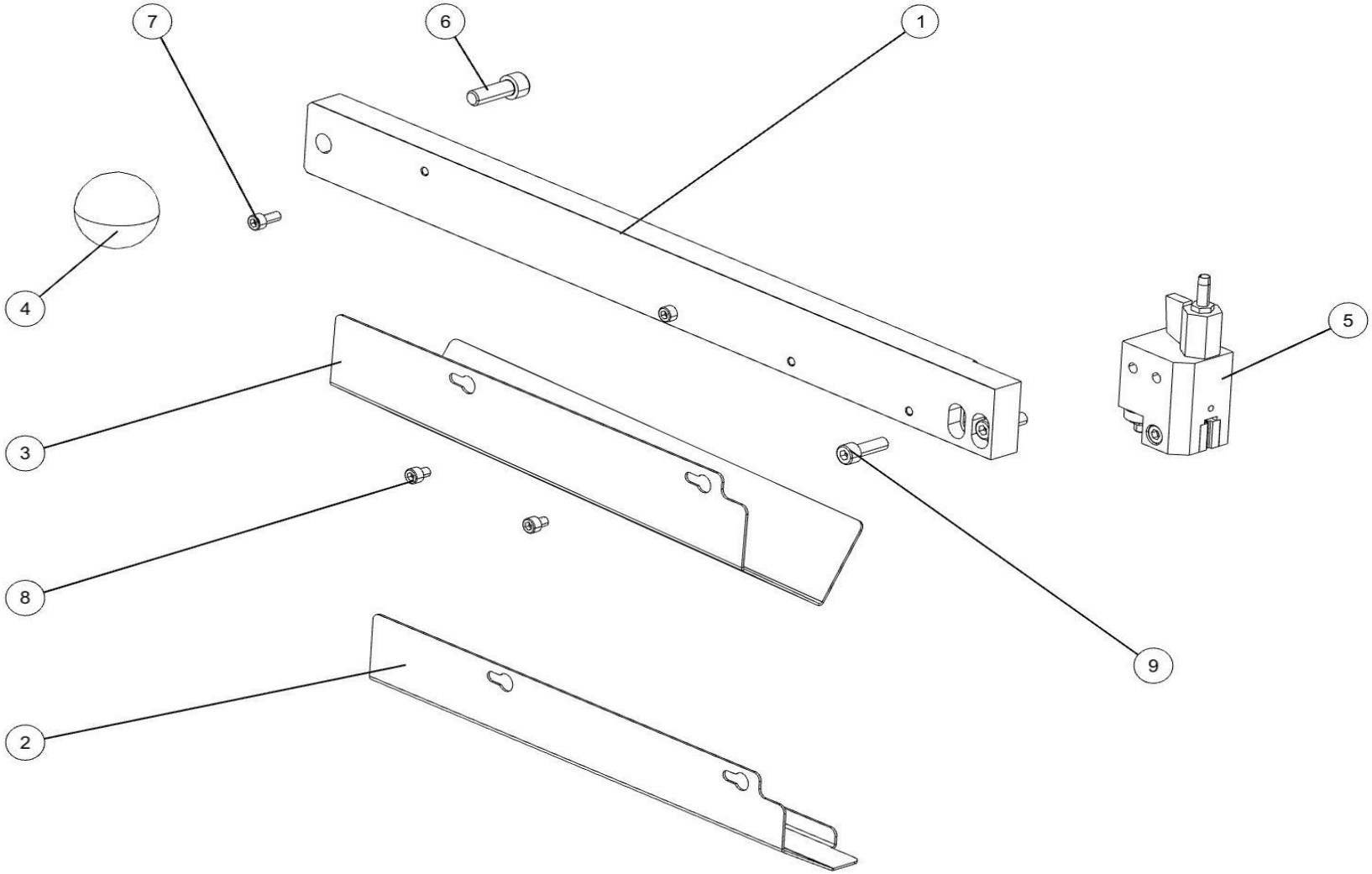
Blade guard assembly (304.326.000)



304.326.000

Blade guard assembly (304.326.000)			
ITM	**Title**	**Order code**	**QTY**
1	Hinge	060.000.042	2
2	Holder	304.300.006	1
3	Cover	304.326.100A	1
4	Plate	304.326.104	1
5	Washer DIN_125		4
6	Washer DIN_125		4
7	Screw DIN_912		2
8	Nut DIN_934		2
9	Nut DIN_934		4
10	Screw DIN_7991		2
11	Screw DIN_7991		2

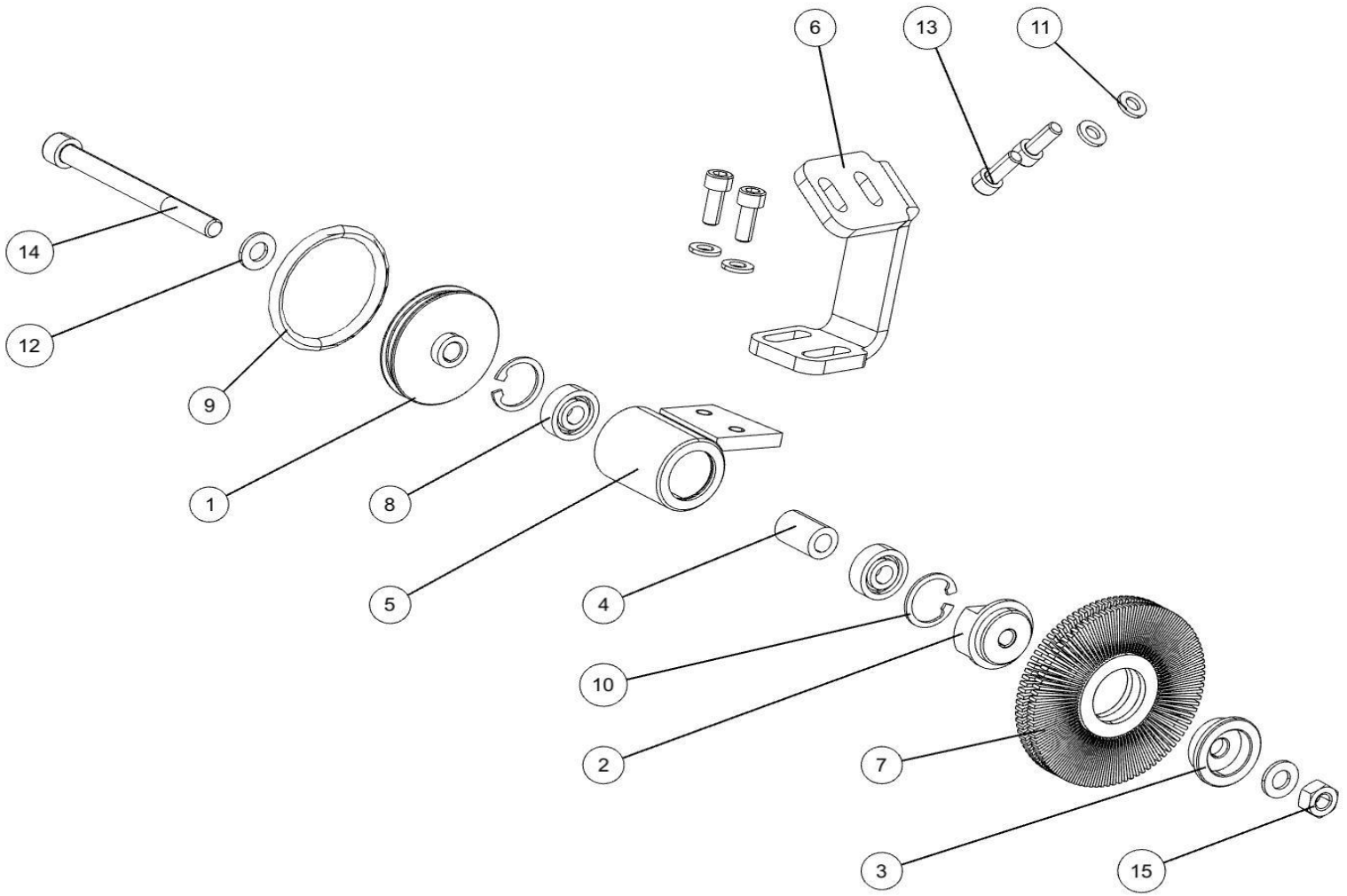
L.R. Guide block assembly (304.330.000)



304.330.000

L.R. Guide block assembly (304.330.000)			
ITM	**Title**	**Order code**	**QTY**
1	Holder	302.330.001	1
2	Blade guard	304.330.002	1
3	Blade guard	304.330.002B	1
4	Plastic ball		1
5	L.R. guide block		1
6	Screw DIN_912		1
7	Screw DIN_912		1
8	Screw DIN_912		3
9	Screw DIN_912		2

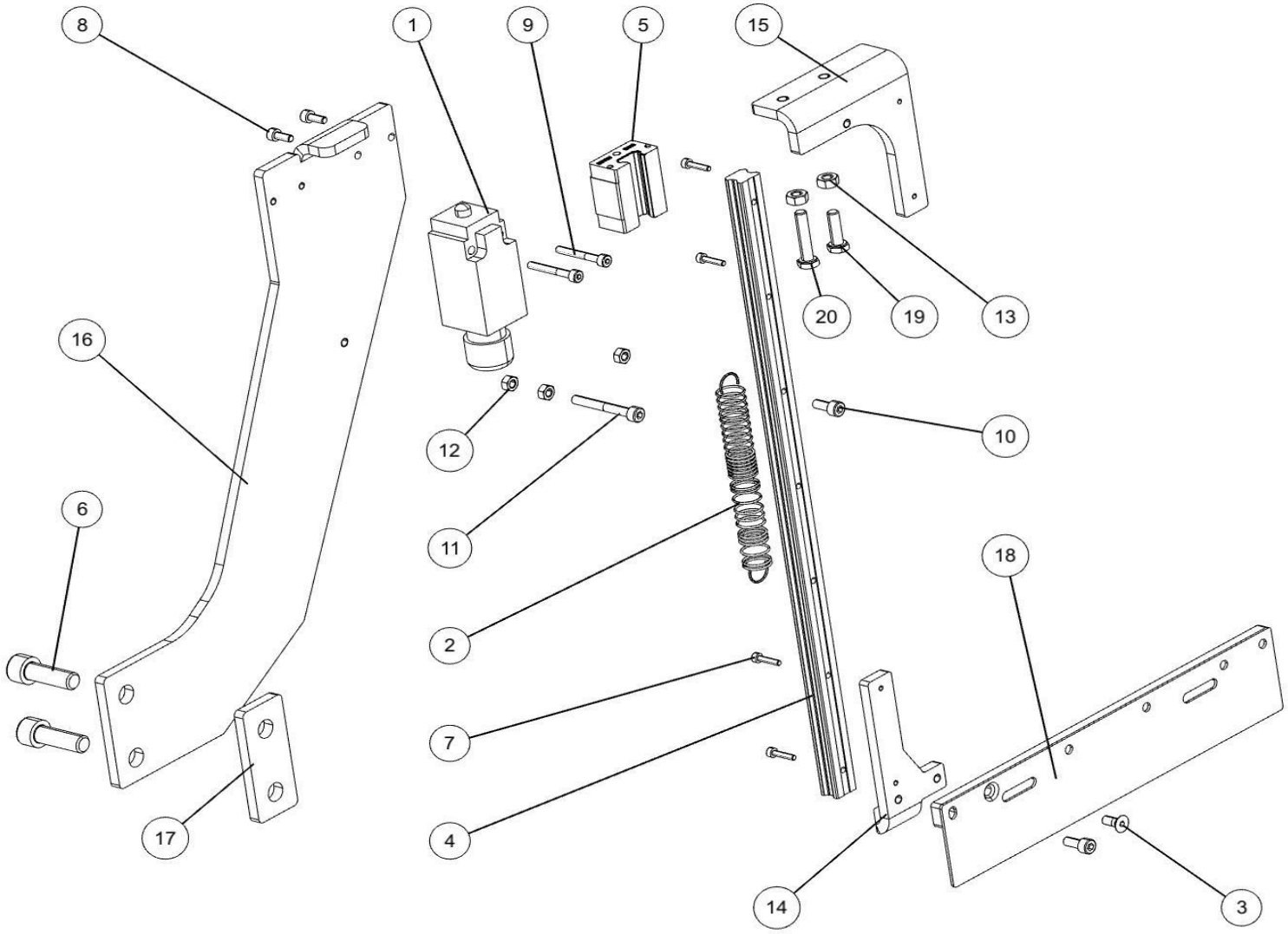
Chip brush assembly (304.340.000)



304.340.000

Chip brush assembly (304.340.000)			
ITM	**Title**	**Order code**	**QTY**
1	Wheel	000.107.002	1
2	Catch	000.107.003	1
3	Cap	000.107.004	1
4	Tube	290.815.002	1
5	Hub	290.815.100	1
6	Bracket	304.340.001	1
7	Wired brush		1
8	Bearing		2
9	O-ring		1
10	Retaining ring		2
11	Washer DIN_125		4
12	Washer DIN_125		2
13	Screw DIN_912		4
14	Screw DIN_912		1
15	Nut DIN_934		1

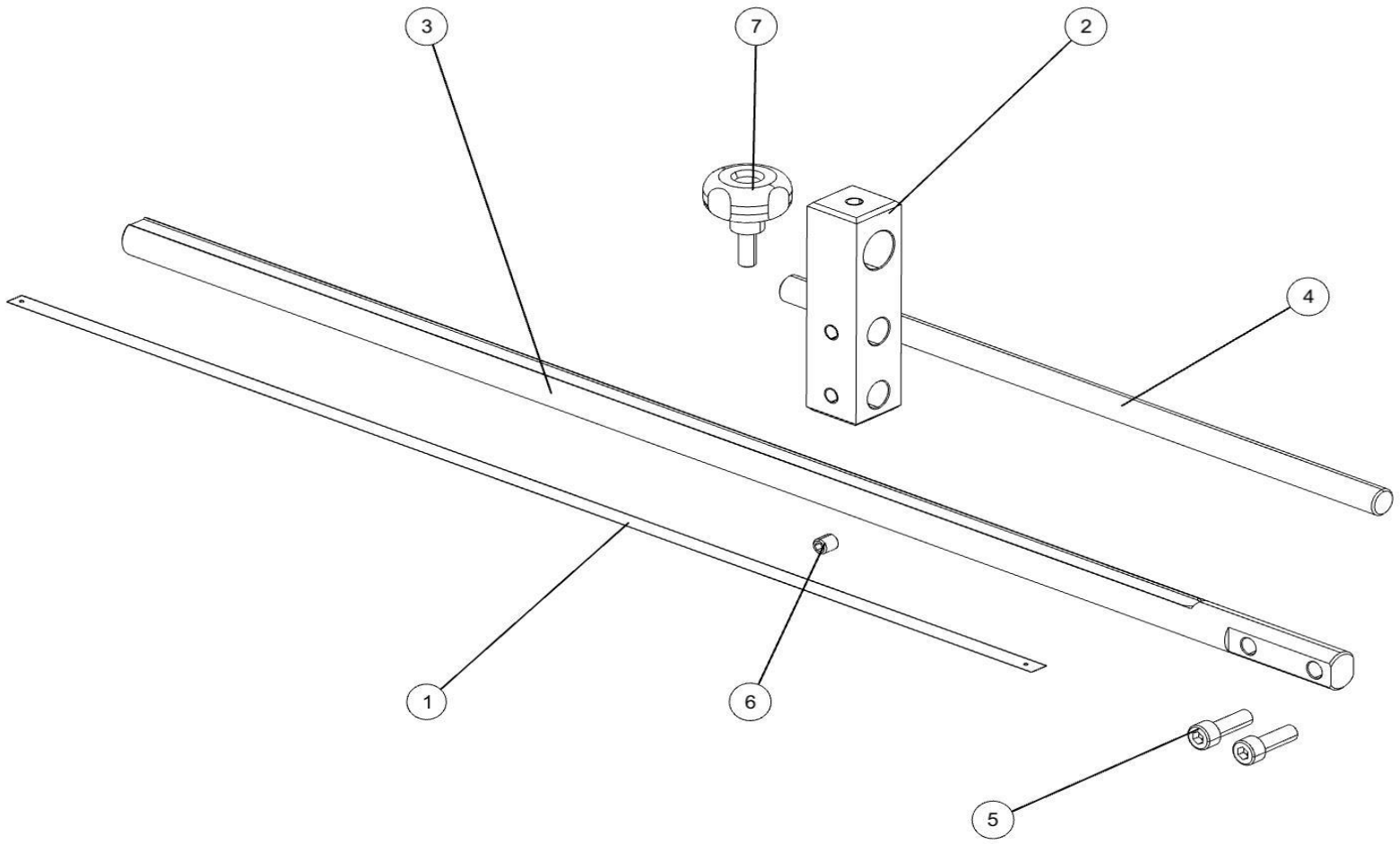
Work height assembly (302.350.000)



302.350.000

Work height assembly (302.350.000)			
ITM	**Title**	**Order code**	**QTY**
1	End - switch	044.000.003	1
2	Spring		1
3	Screw DIN_7991		1
4	Linear rail		1
5	Linear bearings		1
6	Screw DIN_912		2
7	Screw DIN_912		4
8	Screw DIN_912		2
9	Screw DIN_912		2
10	Screw DIN_912		2
11	Screw DIN_912		1
12	Nut DIN_934		3
13	Nut DIN_934		2
14	Bracket	T290.393.002	1
15	Bracket	T290.393.003	1
16	Bracket	T302.350.001	1
17	Plate	T302.350.002	1
18	Touch bar	T302.350.100	1
19	Screw		1
20	Screw		1

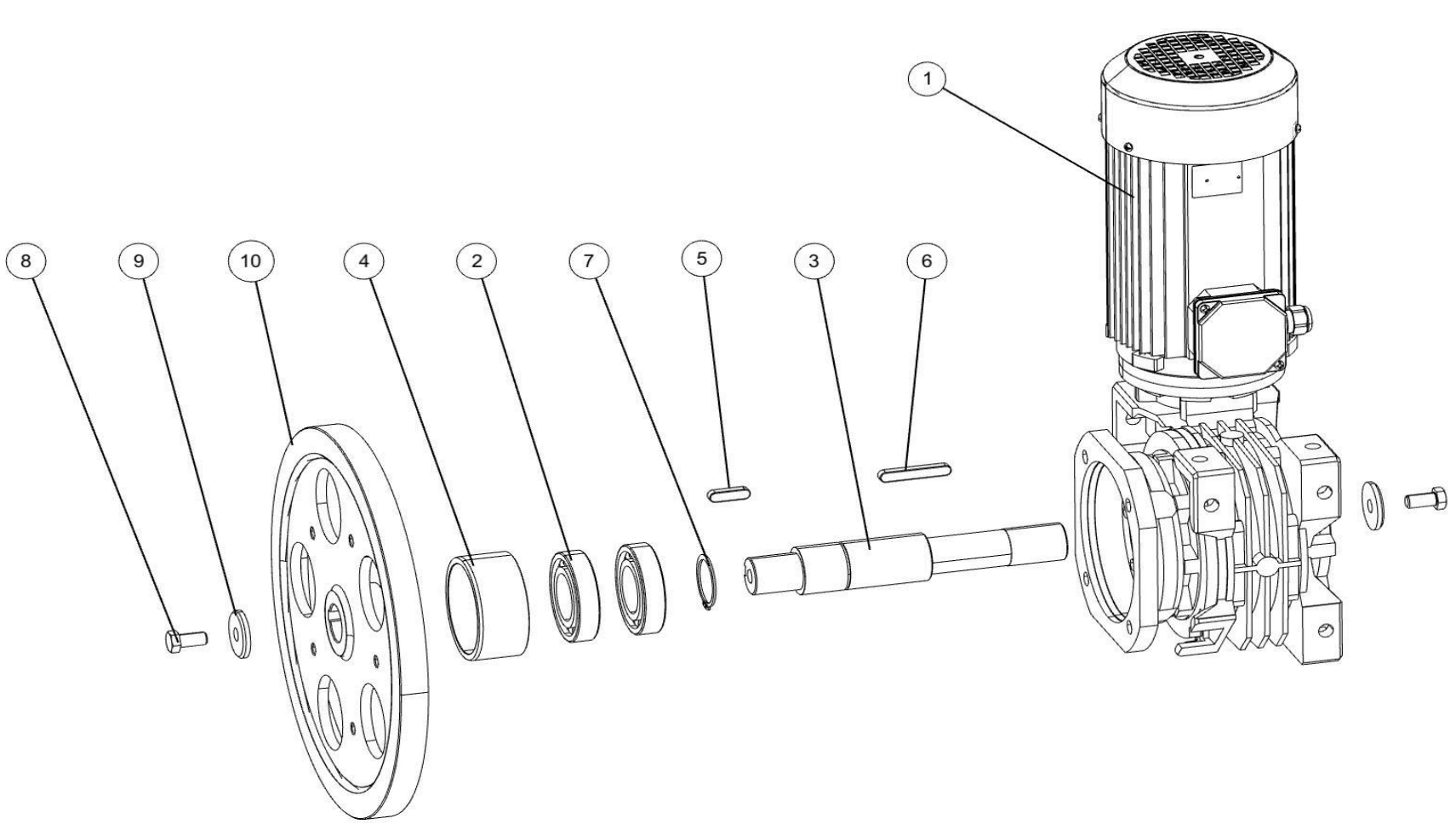
Measuring (000.103.000)



000.103.000

Measuring (000.103.000)			
ITM	**Title**	**Ordrer code**	**QTY**
1	Measuring tape		1
2	Cube	000.101.002	1
3	Bar	000.102.001	1
4	Stop bar	000.103.004	1
5	Screw DIN_912		2
6	Screw		1
7	Screw		1

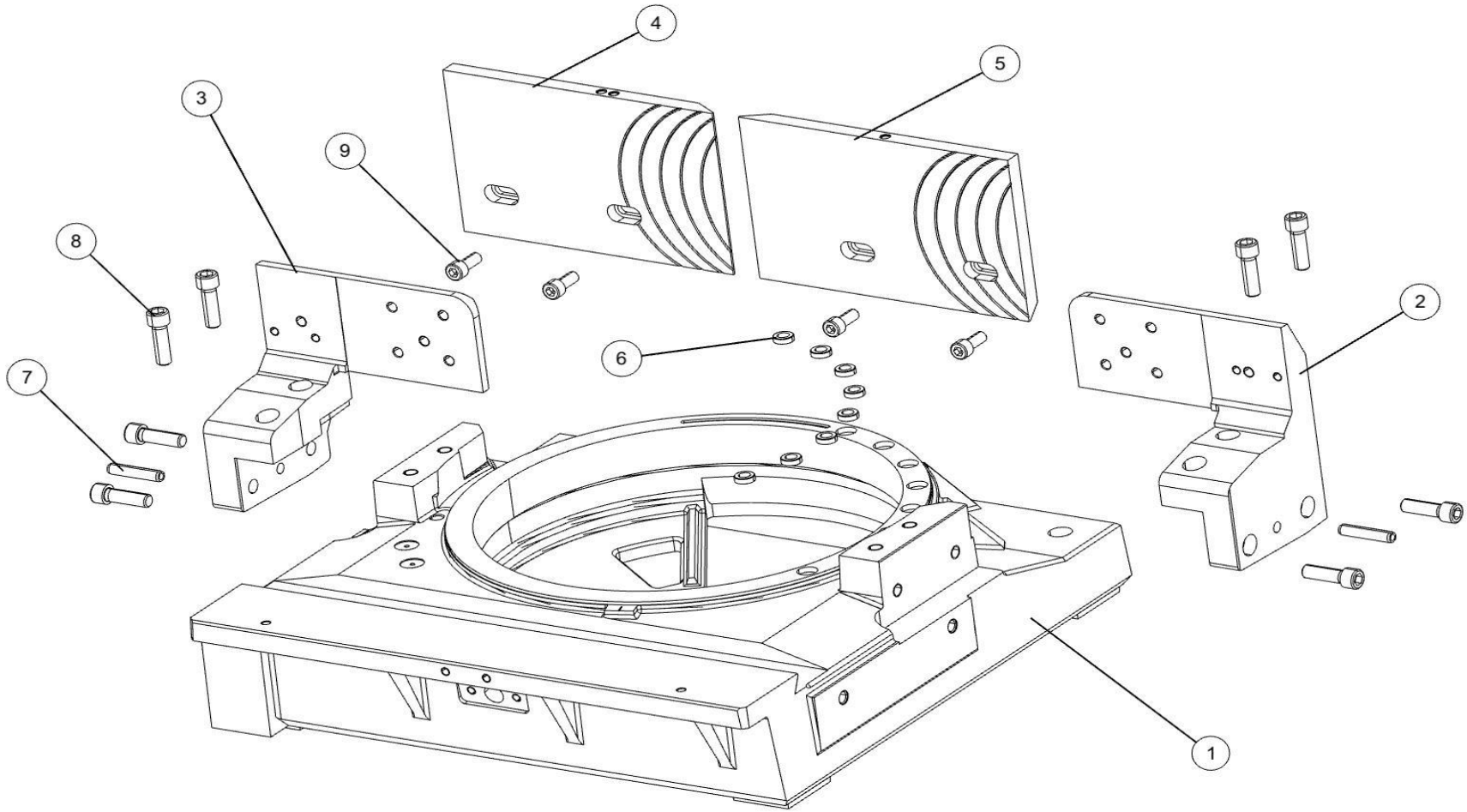
Drive assembly (304.315.000)



304.315.000

Drive assembly (304.315.000)			
ITM	**Title**	**Order code**	**QTY**
1	Drive		1
2	Bearing		2
3	Shaft	304.315.001	1
4	Spacer ring	304.315.002	1
5	Tongue		1
6	Tongue		1
7	Retaining ring		1
8	Screw DIN_4017		2
9	Washer	T290.332.012	2
10	Pulley	T302.321.001	1

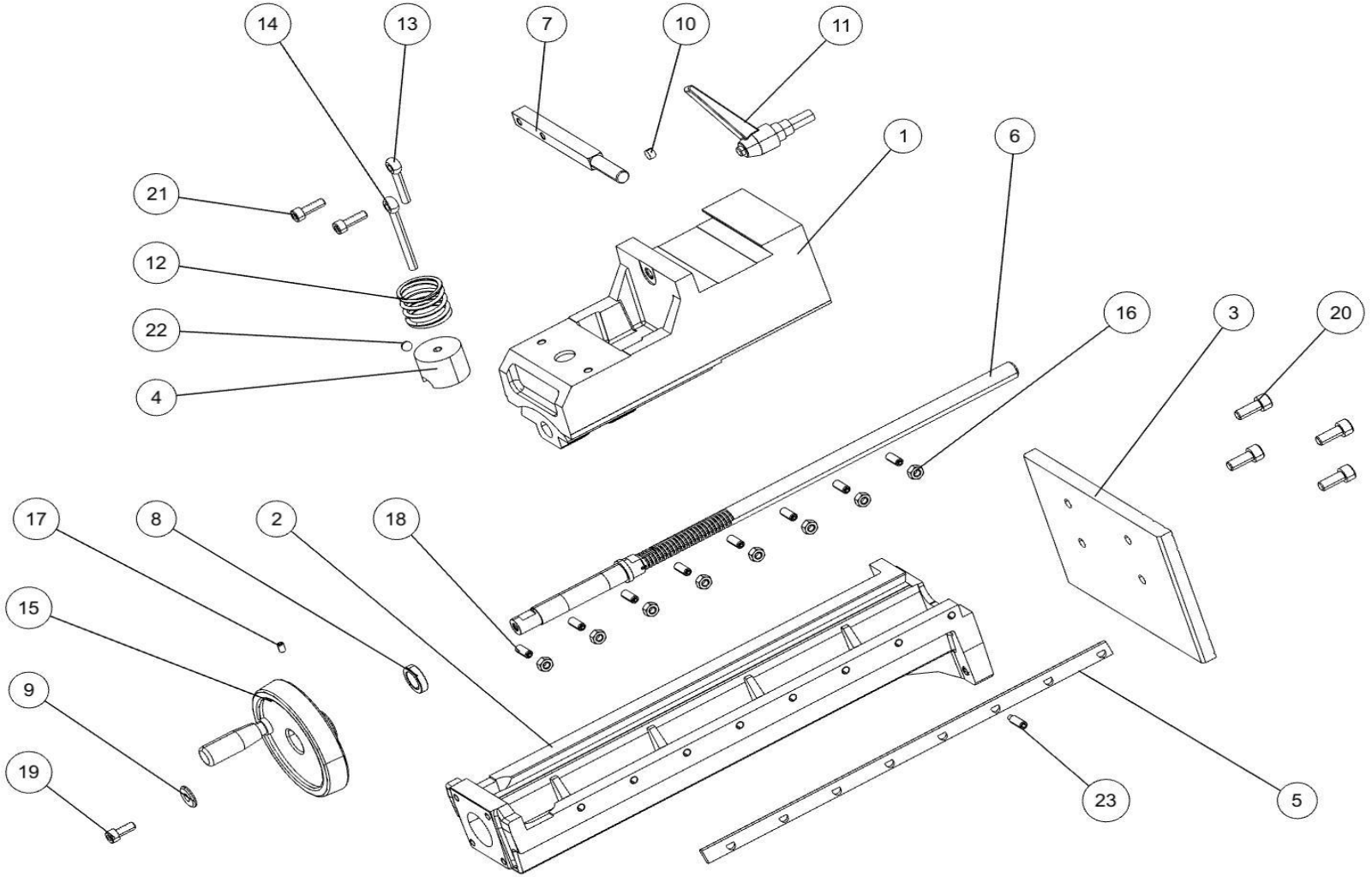
Turntable mounting (302.232.000)



302.232.000

Turntable mounting (302.232.000)			
ITM	**Title**	**Order code**	**QTY**
1	Base	T302.232.001	1
2	Bracket	T290.232.007	1
3	Bracket	T302.232.002	1
4	Fixed jaw	T302.232.003	1
5	Fixed jaw	T290.232.002	1
6	Ring	T290.232.011	8
7	Peg DIN_8752		2
8	Screw DIN_912		8
9	Screw DIN_912		4

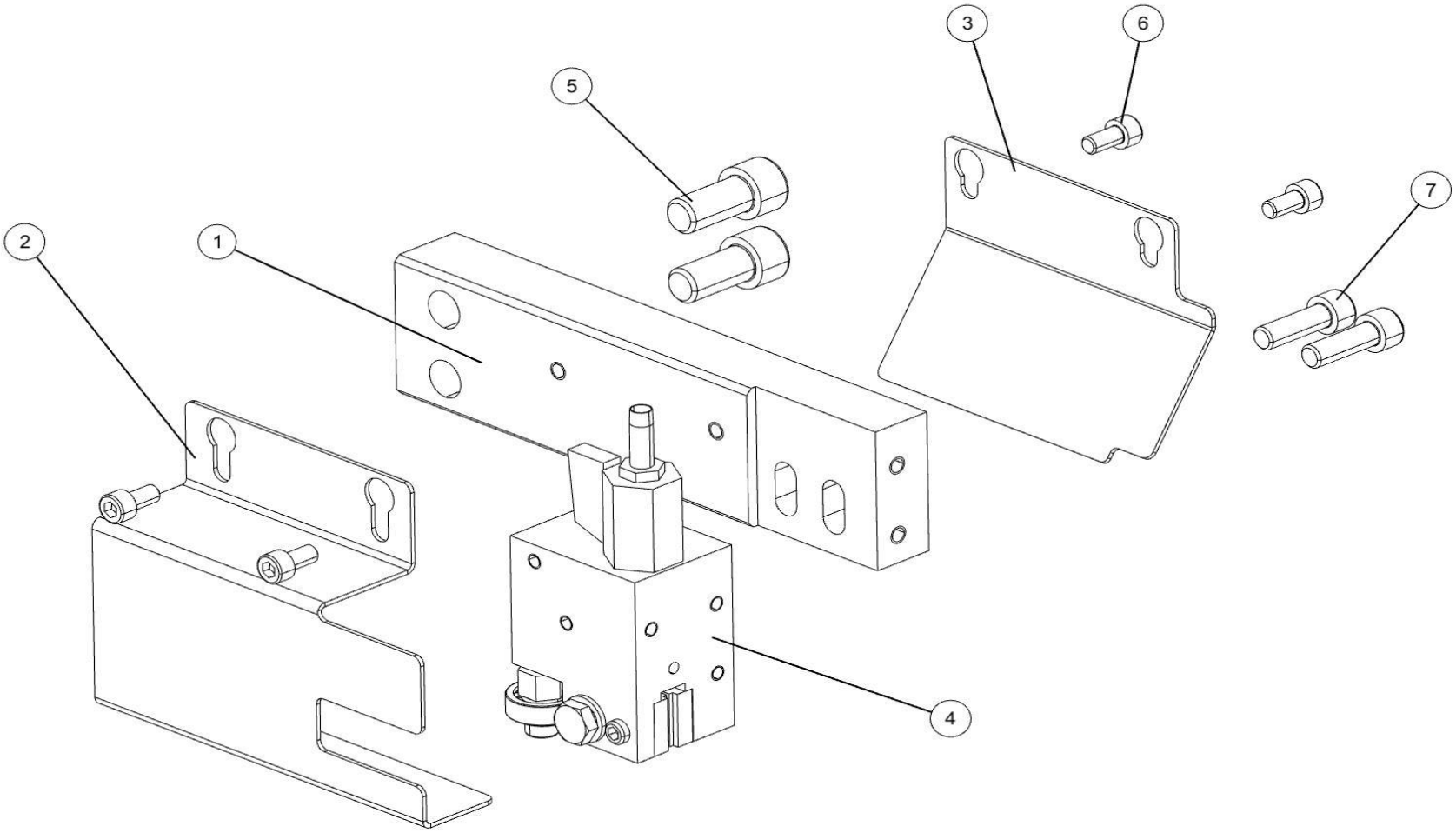
Vise assembly (304.237.000)



304.237.000

Vise assembly (304.237.000)			
ITM	**Title**	**Order code**	**QTY**
1	Base	T290.237.011	1
2	Sliding jaw - body	T290.237.013	1
3	Sliding jaw	T290.237.007	1
4	Nut	T290.237.005	1
5	Plate	T290.237.026	1
6	Screw	T290.237.102	1
7	Lever	T290.237.003	1
8	Ring	T290.237.019	1
9	Washer	T290.237.025	1
10	Washer	T290.237.022	1
11	Plastic handle		1
12	Spring	T290.237.016	1
13	Screw		1
14	Screw		1
15	Handle	060.000.044	1
16	Nut DIN_934		8
17	Screw DIN_913		1
18	Screw DIN_913		8
19	Screw DIN_912		1
20	Screw DIN_912		4
21	Screw DIN_912		2
22	Ball	060.000.171	1
23	Screw DIN_915		1

L.H. Guide block assembly (304.336.000)



304.336.000

L.H. Guide block assembly (304.336.000)			
ITM	**Title**	**Order code**	**QTY**
1	Holder	T302.335.001	1
2	Fixed band guide cover	304.336.002	1
3	Fixed band guide cover	304.335.003	1
4	L.H. guide block		1
5	Screw DIN_912		2
6	Screw DIN_912		4
7	Screw DIN_912		2

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