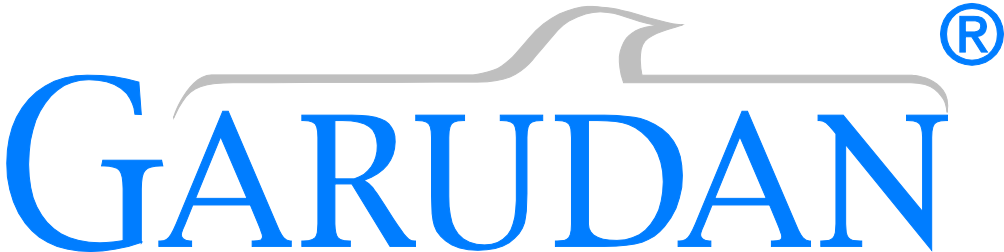


Spare Parts Book
Katalog náhradních dílů

GARUDAN®

FTD7000 Series



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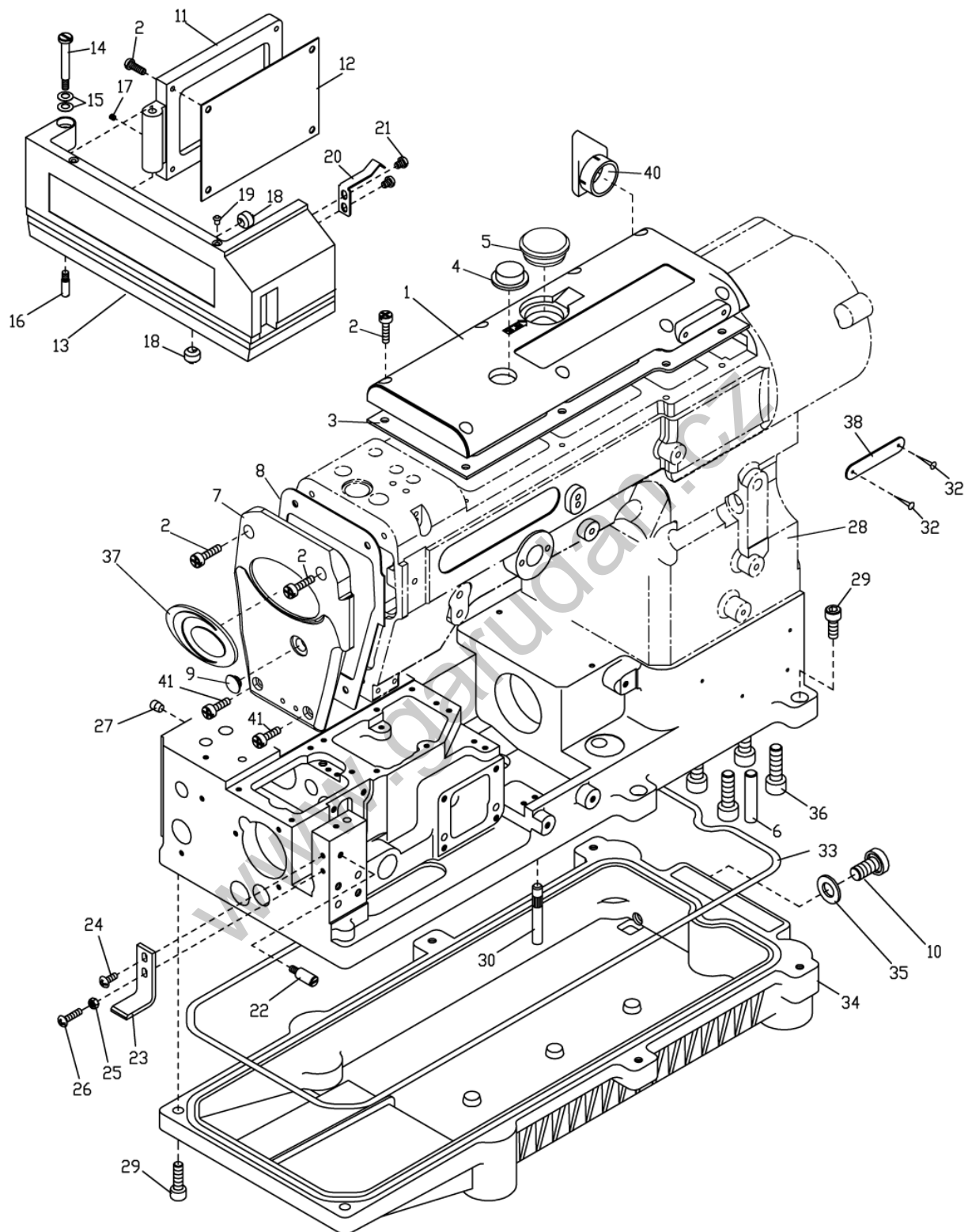
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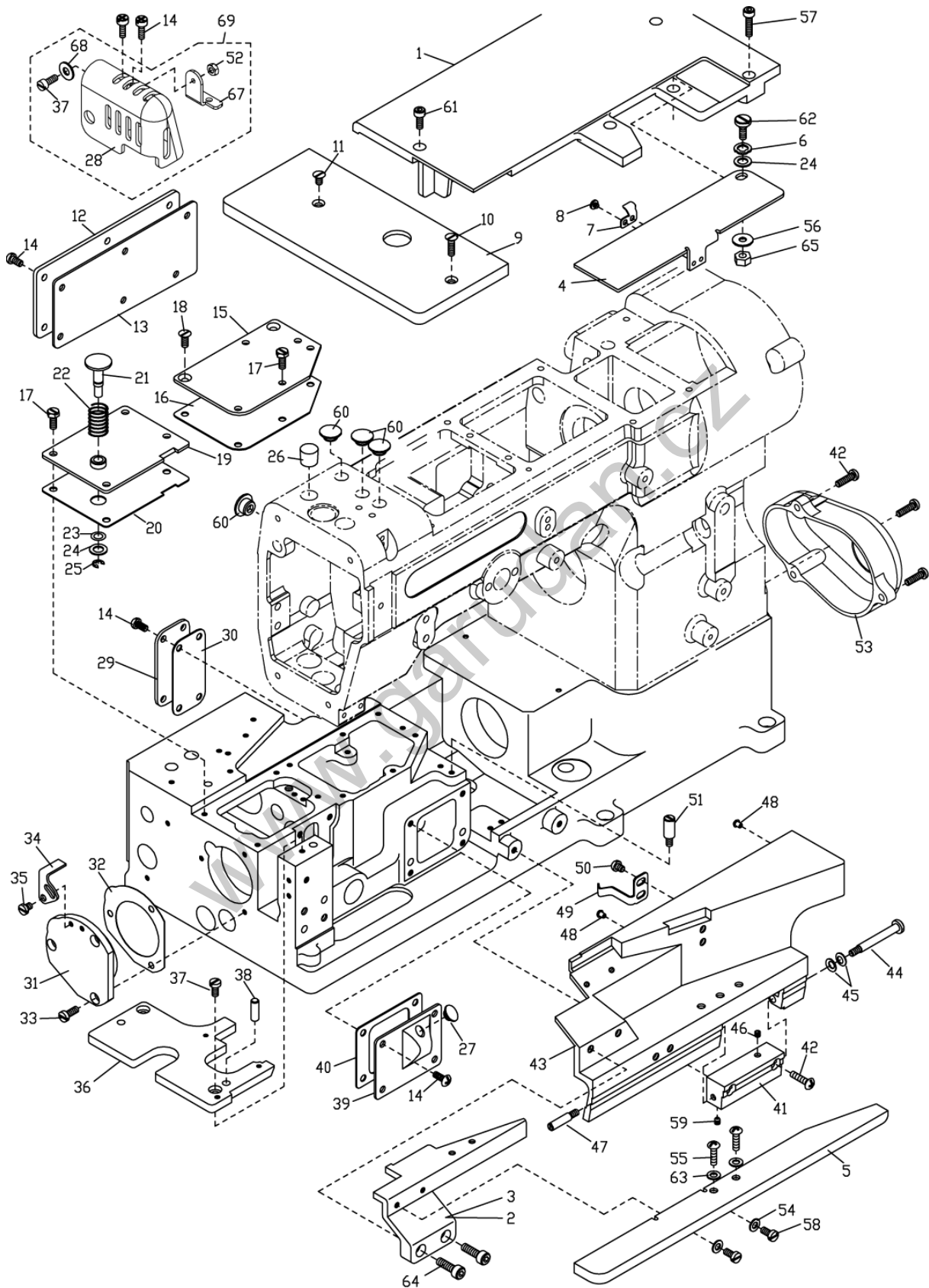
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1. FRAME COMPONENTS

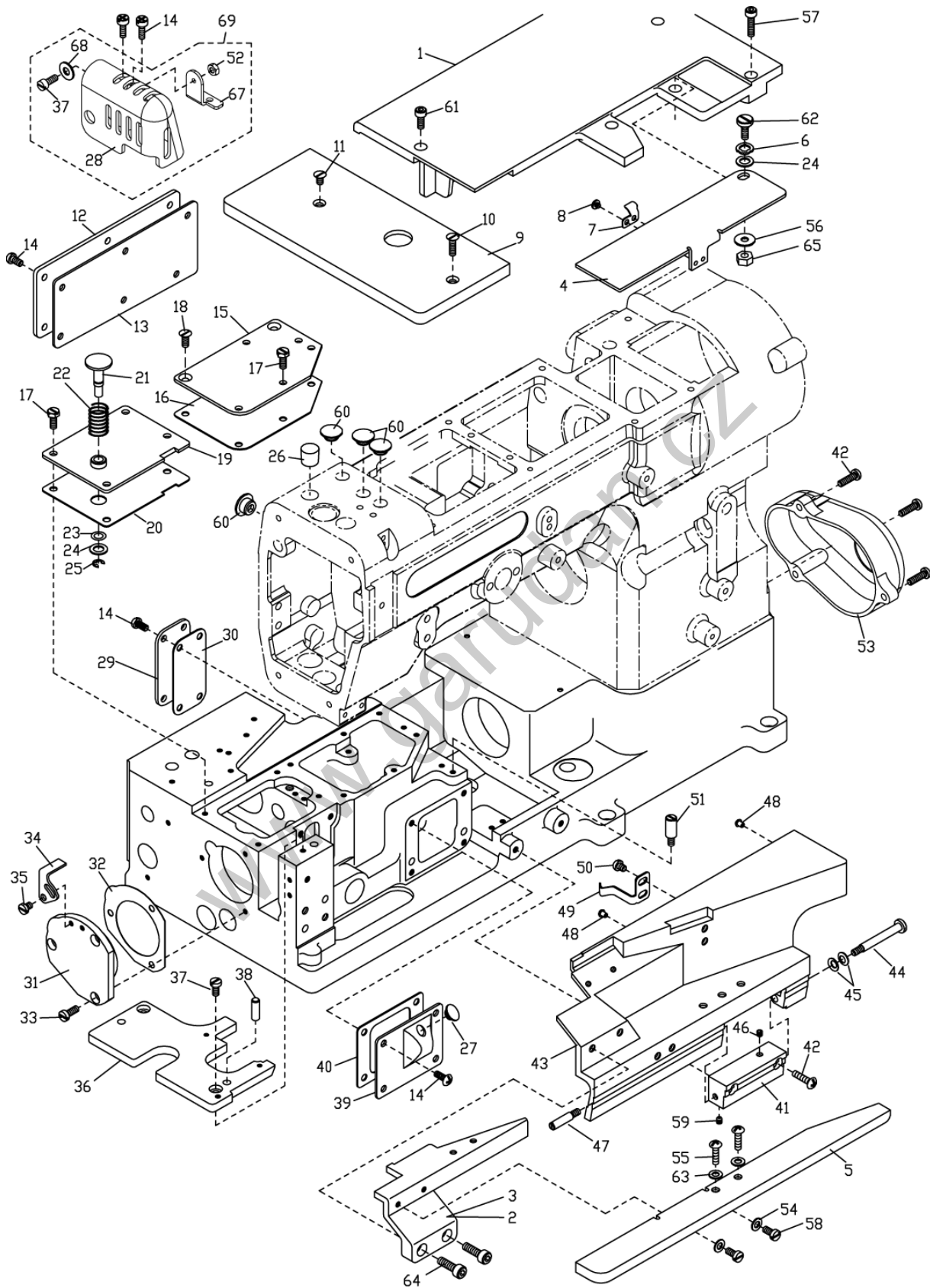
1. FRAME COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	22400001011	Top Cover	1
2	8MC04281207D	Screw (M4-0.7*12)	14
3	22400001031	Gasket	1
4	22400001041	Oil Window	1
5	22200002552	Plug	1
6	2200000139	Knock Pin	2
7	22400001071	Needle Cover	1
8	2240000108	Gasket	1
9	22000001091	Plug	1
10	8SM95281017A	Stud (3/8"-28*10)	1
11	2210000111	Oil Filter Cover	1
12	2210000112	Gasket	1
13	2280000113	Oil Filter Cover	1
14	8MB04283809E	Stud (CT0227 M4-0.7*38)	1
15	2200000228	Disk Washer (CT0228)	2
16	8MB04280605M	Stud (M4-0.7*6)	1
17	8MN04280400A	Screw (M4-0.7*4)	1
18	2210000118	Rubber Cushion	2
19	22100001191	Rubber Cushion	2
20	2210000120	Latch Spring	1
21	8MC04280507D	Screw (CT0122 M4-0.7*8)	2
22	8MB04280707M	Stud (M4-0.7*21)	1
23	2280000123	Side Cover Holder	1
24	8MC04280807D	Screw (CT0130 M4-0.7*8)	1
25	8MA04280307A	Nut (CT0238 M4-0.7*3)	1
26	8MB04281607A	Screw (M4-0.7*16)	1
27	2200000136	Plug (CT0136)	1
28	2230000128	Frame Unit	1
28-A	2240000135	Frame Unit	1
28-B	2280000128B	Frame Unit	1
29	8MM06402010A	Screw (M6-1*20)	6
30	2210000130	Supporting Bar	4
32	66620	Rivet	2
33	2210000133	Gasket	1
34	2210000134	Oil Reservoir	1
35	2100000244	Seal	1
36	8MM10603016A	Screw (M10-1.5*30)	4
37	66484-11	Plate	1
38	66480-14	Machine No. Plate	1
40	22400001131	Guid Pipe	1
41	8MC04281007D	Screw (M4-0.7*10)	2

2. FRAME COMPONENTS (1/2)



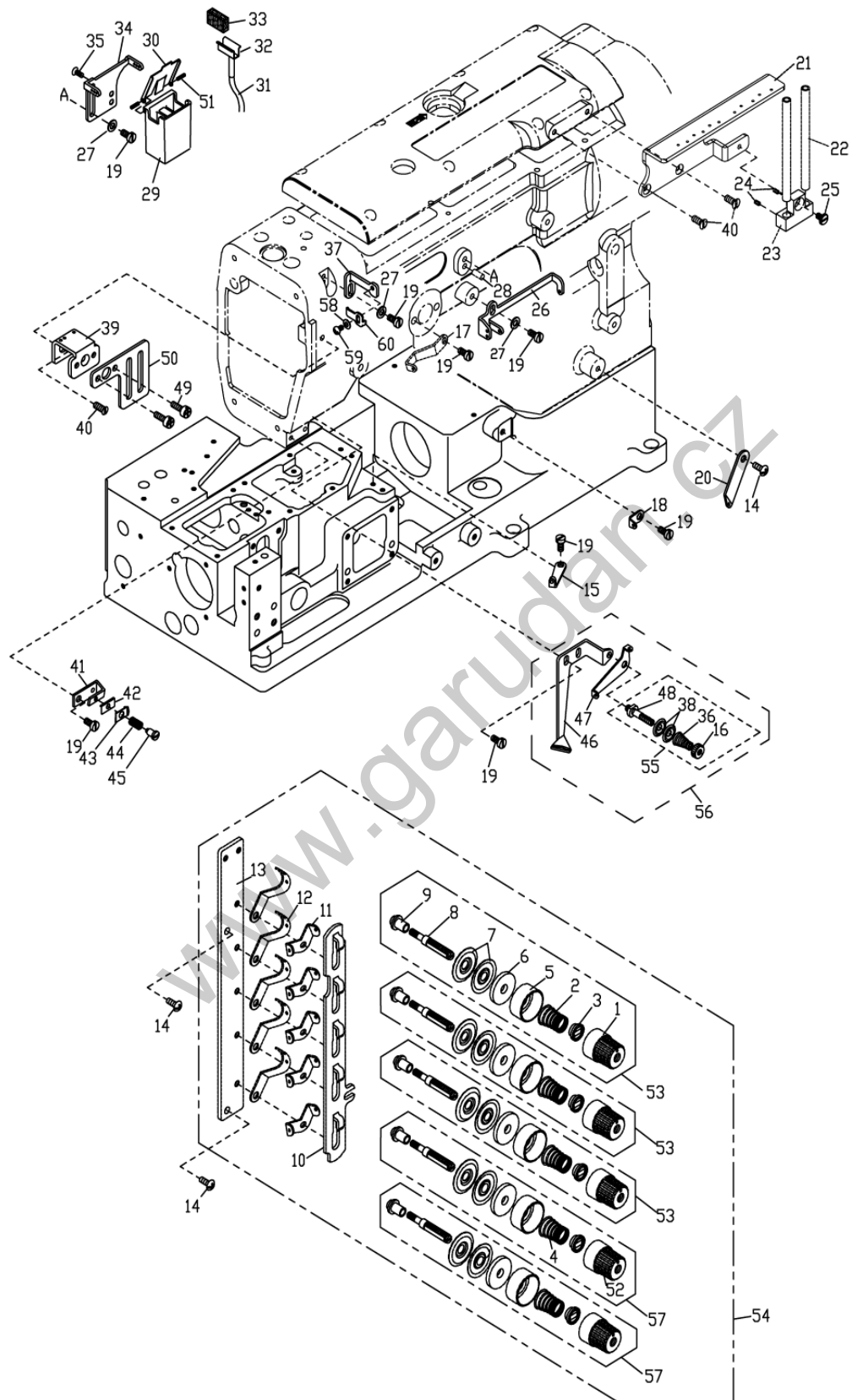
2. FRAME COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	2210000201	Rear Cover	1
*2	2280000202	Movable Block	1
**3	2280000203	Movable Block	1
4	22100002041	Cloth Plate	1
5	2280000205	Front Cove Holder	1
6	90WW060	Wave Washer	1
7	2210000207	Latch Spring	1
8	8MB03200306A	Screw (M3-0.5*2.5)	2
9	2280000209	Cloth Plate	1
10	8ME04281408A	Screw (M4-0.7*14)	1
11	8ME04280708A	Screw (M4-0.7*7)	1
12	2200000210	Rear Cover	1
13	2200000209	Gasket	1
14	8MC04280807D	Screw (M4-0.7*8)	16
15	2210000215	Oil Filter Cover	1
16	2210000216	Gasket	1
17	8MK04281007A	Screw (M4-0.7*10)	9
18	8ME04281008A	Screw (M4-0.7*10)	2
19	2210000219	Oil Filter Cover	1
20	2210000220	Gasket	1
21	2210000221	Stopper Pin	1
22	2210000222	Spring	1
23	90OR060	OIL Rin	1
24	2200000910	Washer	2
25	90ER040	E Ring	1
26	22000002081	Plug	1
27	22100002271	Plug	1
28	22700002121	Needle Bar Protector	1
29	2210000229	Oil Filter Cover	1
30	2210000230	Gasket	1
31	2210000231	Crankshaft Bushing	1
32	2210000232	Gasket	1
33	8MB04281007K	Screw (M4-0.7*10)	3
34	2210000234	Pushbutton Stop	1
35	8MB04280507K	Screw (M4-0.7*5)	2
36	2210000236	Needle Plate Seat	1
37	8MB04280807K	Screw (M4-0.7*8)	3
38	2200001133	Knock Pin	2
39	2210000239	Oil Filter Cover	1

2. FRAME COMPONENTS (2/2)



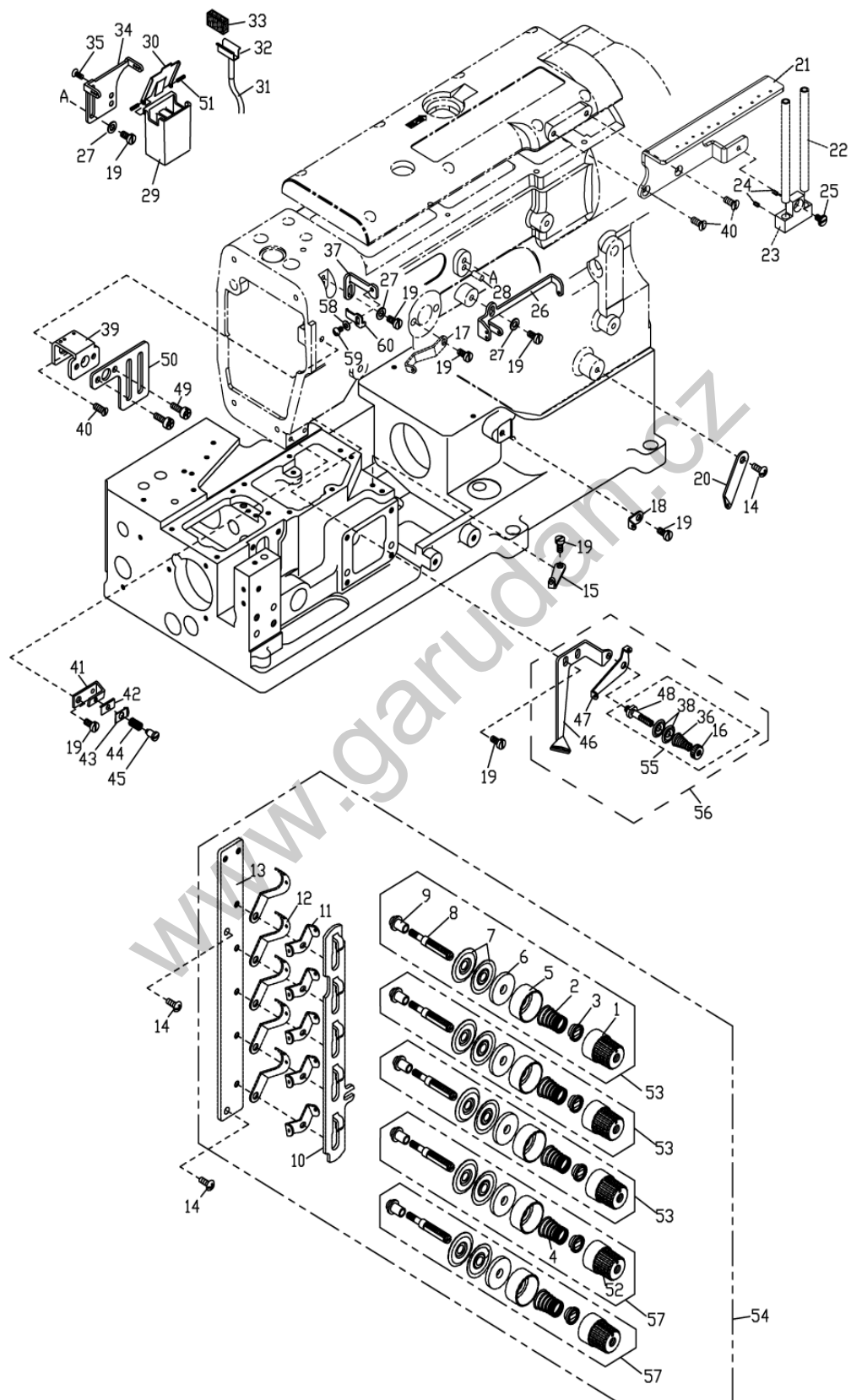
2. FRAME COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
40	2210000240	Gasket	1
41	2280000241	Hinge	1
42	8MC04281407D	Screw (M4-0.7*14)	5
43	2280000243	Front Cover	1
44	8MB04284209E	Stand (M4-0.7*42)	1
45	2200000228	Disk Washer	2
46	8MN04280400A	Screw (M4-0.7*4)	1
47	8MB04280705M	Stand (M4-0.7*7)	1
48	22100001191	Rubber Cushion	2
49	2210000249	Latch Spring	1
50	8MC04280507D	Screw (M4-0.7*5)	2
51	8MB04280707M	Stand (M4-0.7*7)	1
52	8MA04280207A	Nut (M4-0.7*2.5)	1
53	2230000253	Side Cover	1
54	2100000223	Washer	2
55	8MC05321209D	Screw (M5-0.8*12)	2
56	2210090124	Washer	1
57	8MM04281607A	Screw (M4-0.7*16)	3
58	8MB04281207K	Screw (M4-0.7*12)	2
59	8MN04280500C	(M4-0.7*5)	1
60	22000001091	Plug	4
61	8MM04281007A	Screw(M4-0.7*10)	1
62	2210090121	Screw	1
63	2200001025	Washer	2
64	8MM05321409A	Screw (M5-0.8*14)	2
65	8MA95300307A	Nut	1
67	2270000211	Base	1
68	90DW040	Washer	1
69	227A0000259	Needle Bar Protector Asm.	1
	* 40M,48M,56M For 40M,48M,56M		
	** 64M For 64M		

3. THREAD GUIDE TENSION COMPONENTS (1/2)



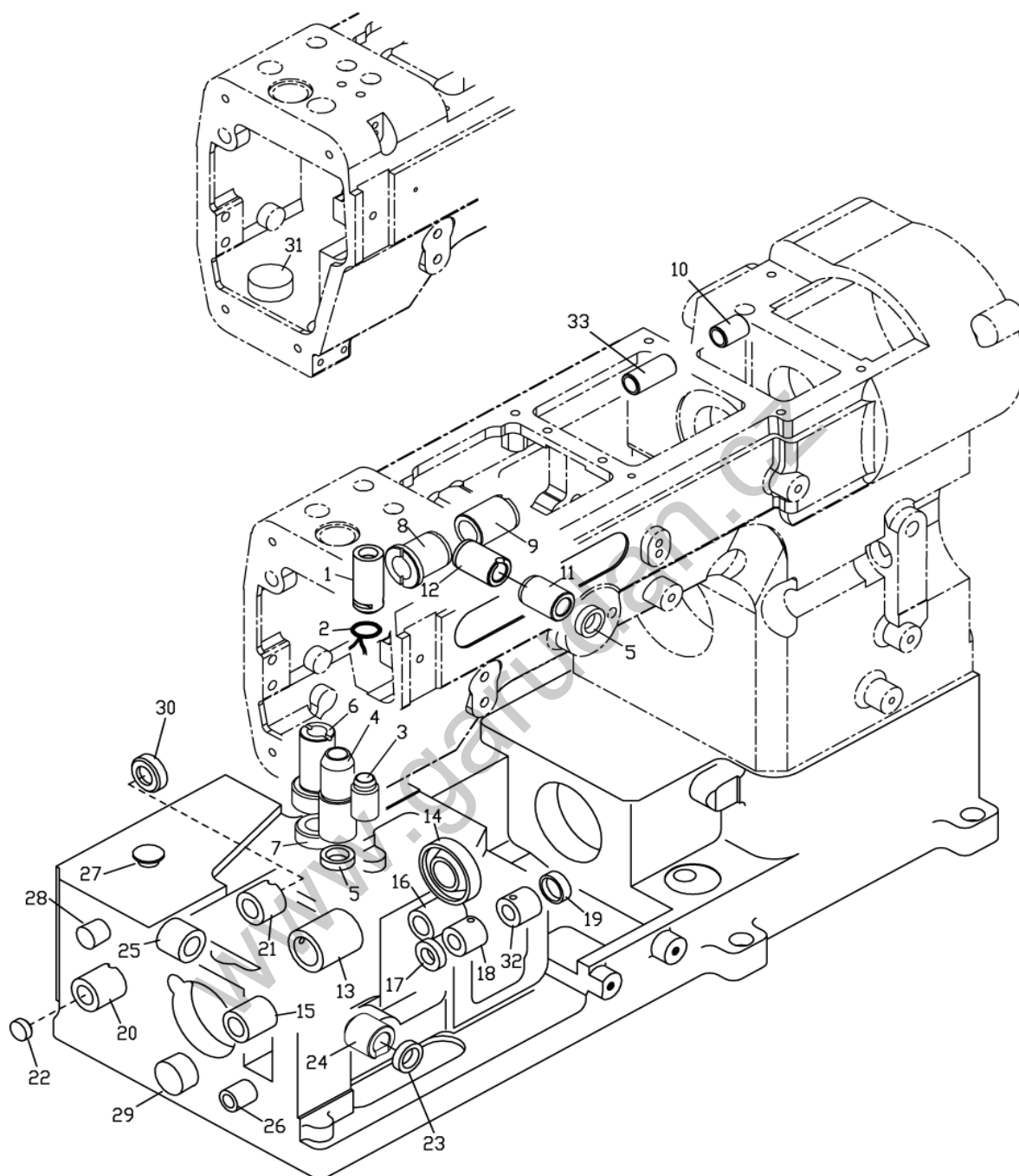
3. THREAD GUIDE TENSION COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	2100001121	Tension Nut (Red)	3
2	2100001123	Spring (Red)	3
3	2200000303	Bushing	5
4	2100041131	Spring (Yellow)	2
5	2200000305	Spring Seat	5
6	2100001127	Felt	5
7	2100001126	Tension Disc	10
8	22000003081	Stud	5
9	22000003091	Spacer	5
10	4UTB000419	Release Wedge	1
11	2200000311	Thread Guide	5
12	2200000312	Thread Guide	5
13	4UTB000420	Tension Post Support	1
14	8MC04280807D	Screw (M4-0.7*8)	3
15	2210000315	Thread Guide	1
16	2200000357	Nut	1
17	2210000317	Thread Guide	1
18	2210000318	Thread Guide	1
19	8MB04280807K	Screw (M4-0.7*8)	9
20	2200000317	Thread Guide (CT0317)	1
21	22400003021	Thread Guide Holder	1
22	2200000327	Thread Guide Pipe	2
23	2240000301	Thread Guide Holder	1
24	8MN03200300A	Screw (M3-0.5*3)	2
25	8MB04280608A	Screw (M4-0.7*6)	1
26	2210000326	Thread Guide	1
27	2100000223	Washer W3	3
28	90ST0410	Knock Pin	1
29	22000003351	Cooler Oil Tank	1
30	2200000336	Cooler Oil Tank Cover	1
31	66800	Oil Wick	1
32	2200000338	Wick Clamp	1
33	2200000339	Felt	1
34	2200000340	Thread Guide	1
35	8TE03440806A	Screw	2
36	2200000356	Spring	1
37	2600000343	Thread Guide	1
38	2200000355	Tension Disc	2
39	2200000345	Thread Guide	1

3. THREAD GUIDE TENSION COMPONENTS (2/2)



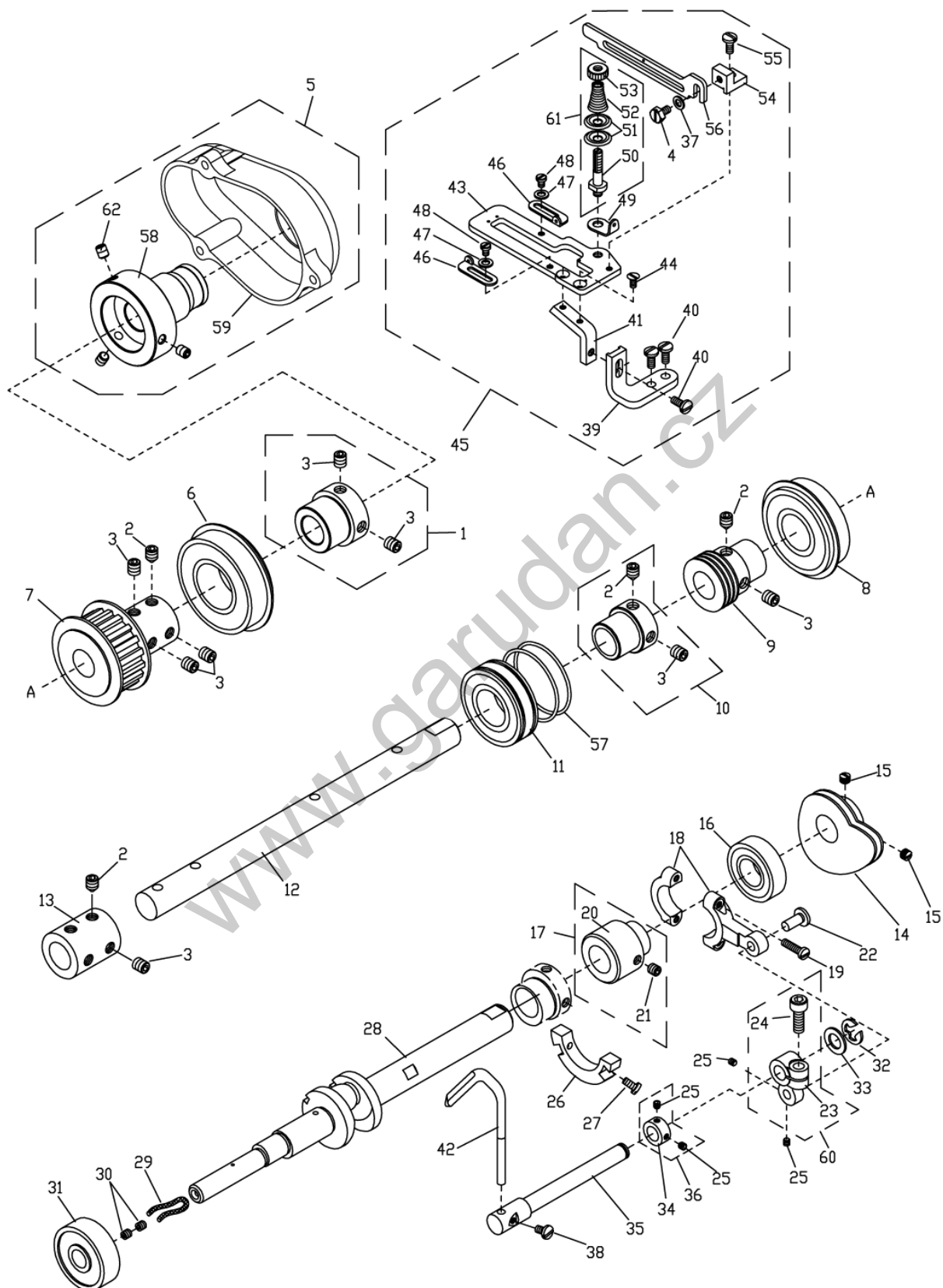
3. THREAD GUIDE TENSION COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
40	8ME04280708A	Screw (M4-0.7*7)	3
41	2200000347	Thread Retainer Support	1
42	2200000348	Thread Guide Plate	1
43	2200000349	Tension Control plate	1
44	22000003501	Spring	1
45	8MC03200807G	Stud (M3-0.5*8)	1
46	2210000346	Thread Guide	1
47	2200000353	Thread Guide	1
48	2200000354	Stud	1
49	8MC04280507D	Screw (M4-0.7*5)	2
50	2200000359	Takeup Arm Protect	1
51	90SP0206T	Spring Pin	2
52	2100001121A	Tension Nut (Yellow)	2
53	231A0001922	Thread Asm. (Red)	3
54	224A0000317	Thread Tension Mechanism Asm.	1
55	227A0000342	Thread Retainer Asm	1
56	221A0000356	Thread Tension Mechanism Asm.	1
57	220A0000315	Thread Asm. (Yellow)	2
58	90DW030	Disk Washer	1
59	8MB03200506K	Screw (M3-0.5*5)	1
60	2600000307	Thread Guide	1

4. BUSHING AND SEAL



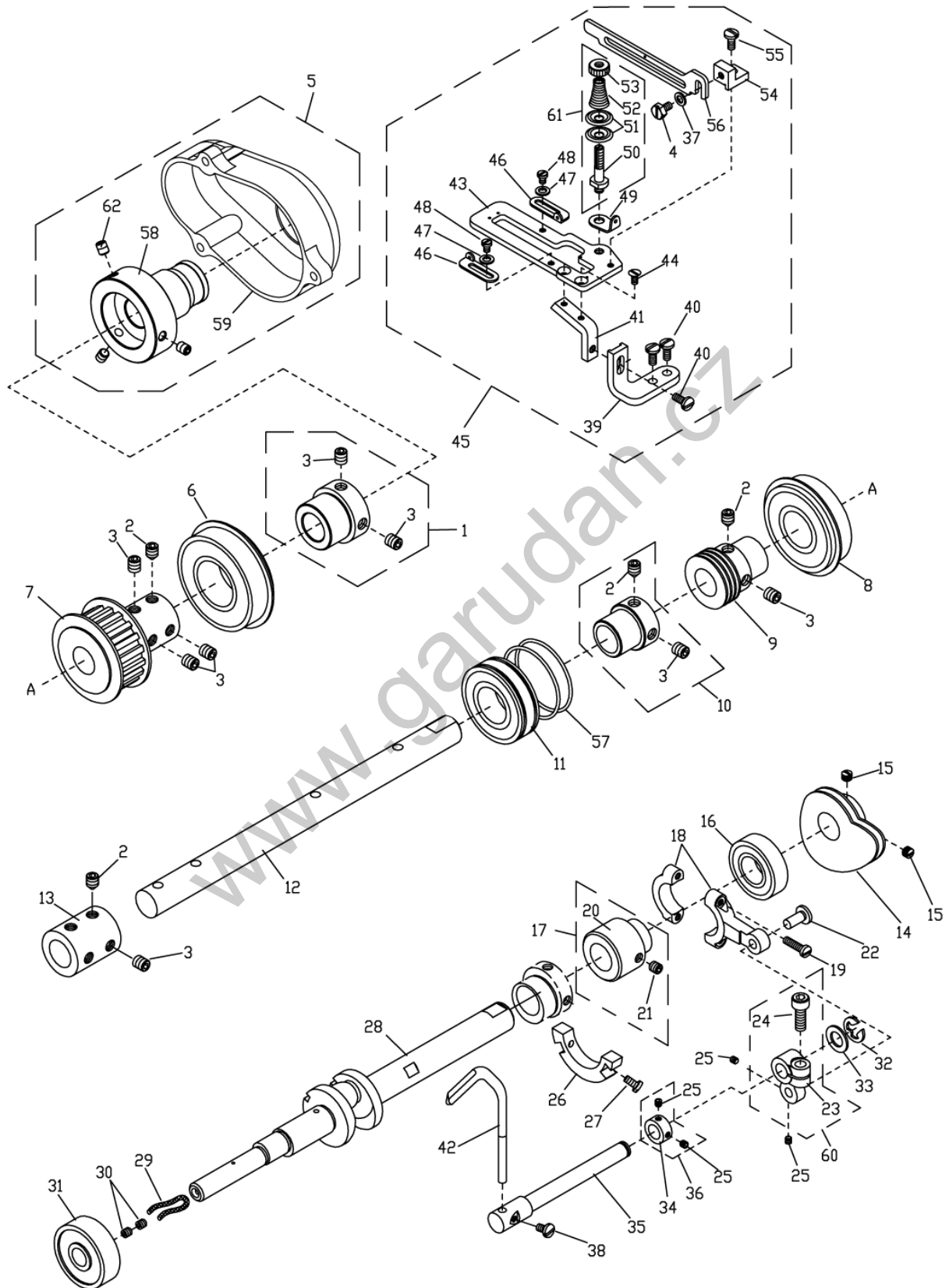
4. BUSHING AND SEAL			
Ref. No.	Parts No.	Description	QTY
1	2210000401	Bushing	1
2	66800	Oil Wick	1
3	2210000403	Bushing	1
4	2210000404	Bushing	1
5	2200000404	Oil Seal	2
*6	2220000405	Bushing	1
*7	2200000406	Oil Seal	1
*8	2210000408	Bushing	1
*9	2200000408	Bushing	1
10	2240000409	Bushing	1
11	22000004101	Bushing	1
12	2200000411	Bushing	1
13	2210000413	Bushing	1
14	2210000414	Oil Seal	1
15	2210000415	Bushing	1
16	2210000416	Bushing	1
17	2210000417	Oil Seal	1
18	2210000418	Bushing (Left)	1
19	22100004191	Plug	1
20	22100004201	Bushing	1
21	2210000421	Bushing	1
22	22100004221	Plug	1
23	2210000423	Oil Seal	1
24	22100004241	Bushing	1
25	2210000425	Bushing	1
26	2210000426	Bushing	1
27	22000001091	Plug	1
28	22000002081	Plug	1
29	22100004291	Plug	1
30	22100004301	Plug	1
**31	2200000422	Plug	1
32	2210000432	Bushing (Right)	1
33	2240000422	Bushing	1
	*With top cover thread		
	**Without top cover thread		

5. LOWER MAIN SHAFT COMPONENTS (1/2)



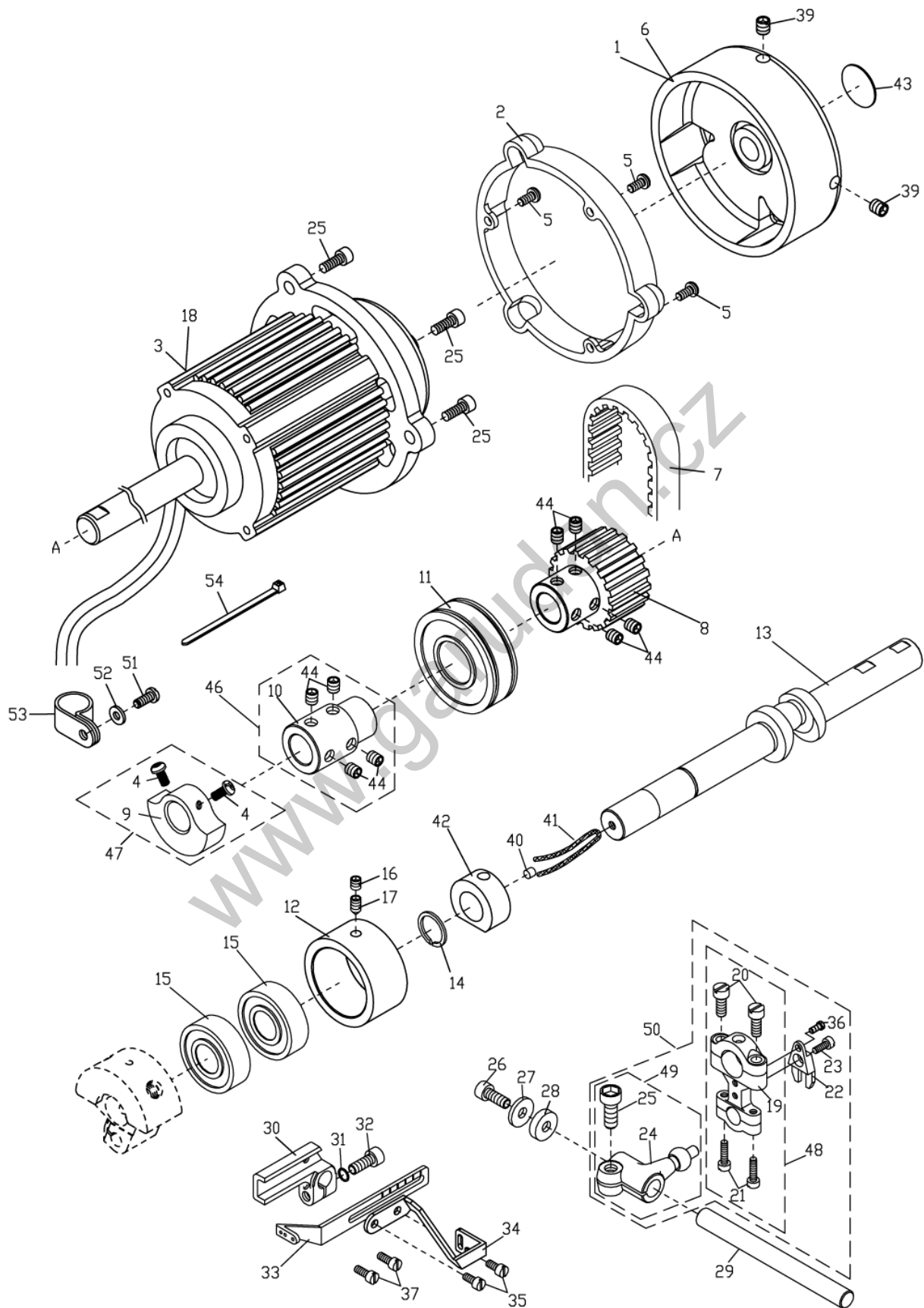
5. LOWER MAIN SHAFT COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	2230000501	Bushing	1
2	8MN06400800C	Screw (M6-1*8)	5
3	8MN06400600A	Screw (M6-1*6)	9
4	8MK85240807A	Screw (M3.5-0.6*8)	1
*5	223A0000505	Joint Asm	1
6	90BB2552154	Ball Bearing	1
7	2240000505	Timing Pulley	1
8	90BB2047144	Ball Bearing	1
9	2210000509	Worm	1
10	2210000610	Bushing	1
11	90BB2042126	Ball Bearing	1
12	2230000512	Shaft	1
13	2210000513	Shaft Joint	1
14	2210000514	Looper Thread Takeup Cam	1
15	8MH05320400A	Screw (M5-0.8*4)	2
16	90BB153209	Ball Bearing	1
17	221A0000562	Eccentric Asm.	1
18	2210000518	Connecting Rod	1
19	8MB85241306K	Screw (M3.5-0.6*13)	2
20	2210000520	Eccentric	1
21	8MN05320500E	Screw (M5-0.8*5)	2
22	2210000522	Connecting Pin	1
23	2210000523	Lever	1
24	8MM05321209A	Screw (M5-0.8*12)	1
25	8MN03200300A	Screw (M3-0.5*3)	4
26	2210000526	Counterweight	1
27	8MB03200606K	Screw (M3-0.5*6)	2
28	2210000528	Crank Shaft	1
29	66800	Oil Wick	2
30	8MN04280400A	Screw (M4-0.7*4)	2
31	90BB103511	Ball Bearing	1
32	90ER060	E Ring	1
33	2210000533	Washer	1
34	2210000534	Collar	1
35	2210000535	Driving Shaft	1
36	221A0000563	Collar Asm.	1
37	2100000223	Washer	1
38	8MB85240407A	Screw (M3.5-0.6*5)	1
39	2210000539	Support	1

5. LOWER MAIN SHAFT COMPONENTS (2/2)



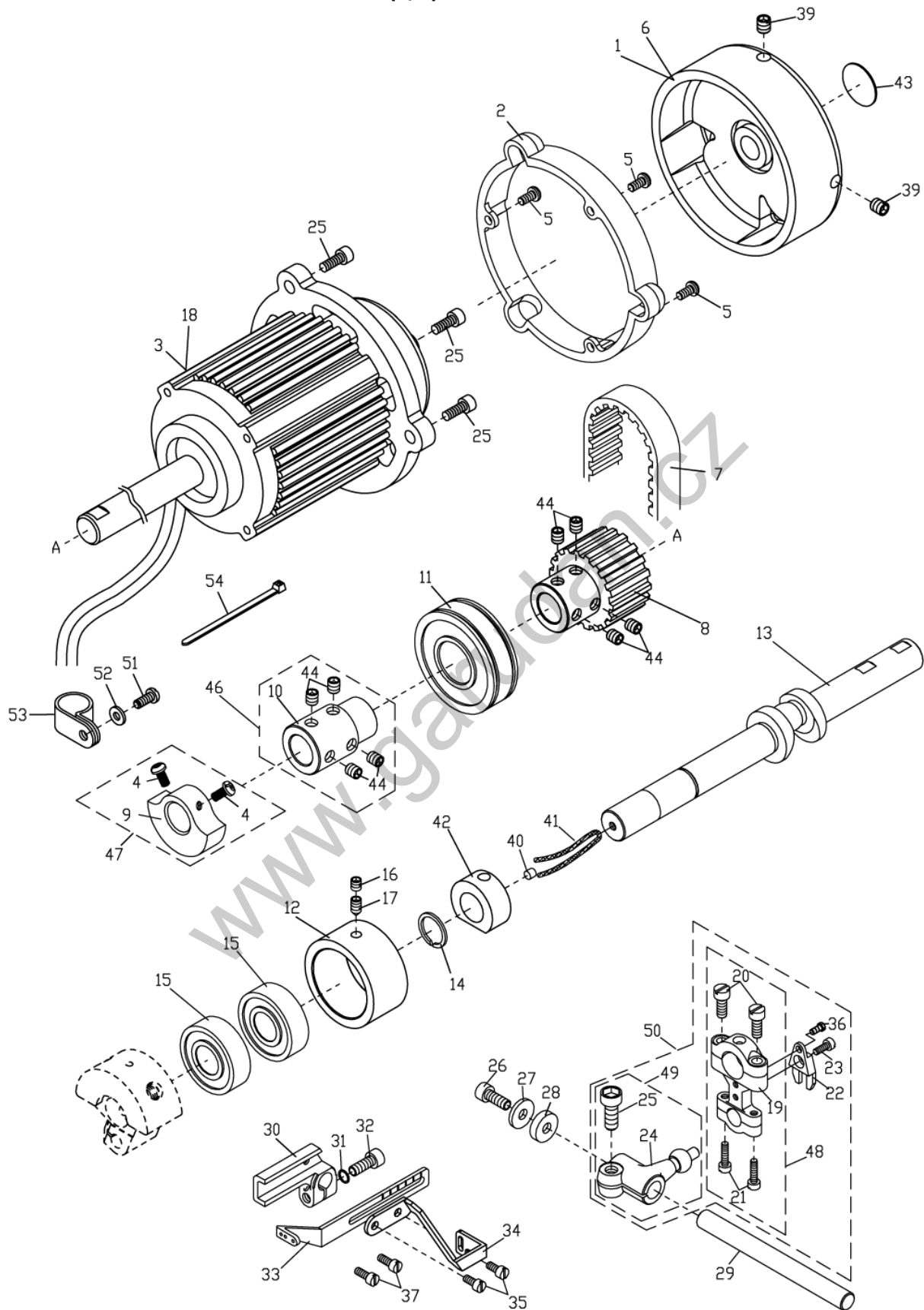
5. LOWER MAIN SHAFT COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
40	8MB04280807K	Screw (M4-0.7*8)	3
41	2210000541	Support	1
42	5221NG00562	Needle Guide	1
43	2210000543	Thread Guide Seat	1
44	8ME03200606A	Screw (M3-0.5*6)	2
45	221A0000545	Thread Guide Asm.	1
46	2210000546	Thread Guide	2
47	2210000547	Washer	2
48	8MB03200405A	Screw (M3-0.5*4)	2
49	2210000318	Thread Guide	1
50	2200000354	Stud	1
51	2200000355	Tension Disc	2
52	2200000356	Spring	1
53	2200000357	Nut	1
54	2210000554	Support	1
55	8MB85240807K	Screw (M3.5-0.6*8)	1
56	2210000556	Thread Guide	1
57	2200000547	O Ring	2
*58	2230000558	Joint	1
*59	2230000559	Side Cover	1
60	221A0000560	Collar Asm.	1
61	227A0000342	Thread Retainer Asm	1
62	8MN05320600A	Screw (M5-0.8*6)	3
	*Custom-made Item		

6. UPPER MAIN SHAFT COMPONENTS (1/2)



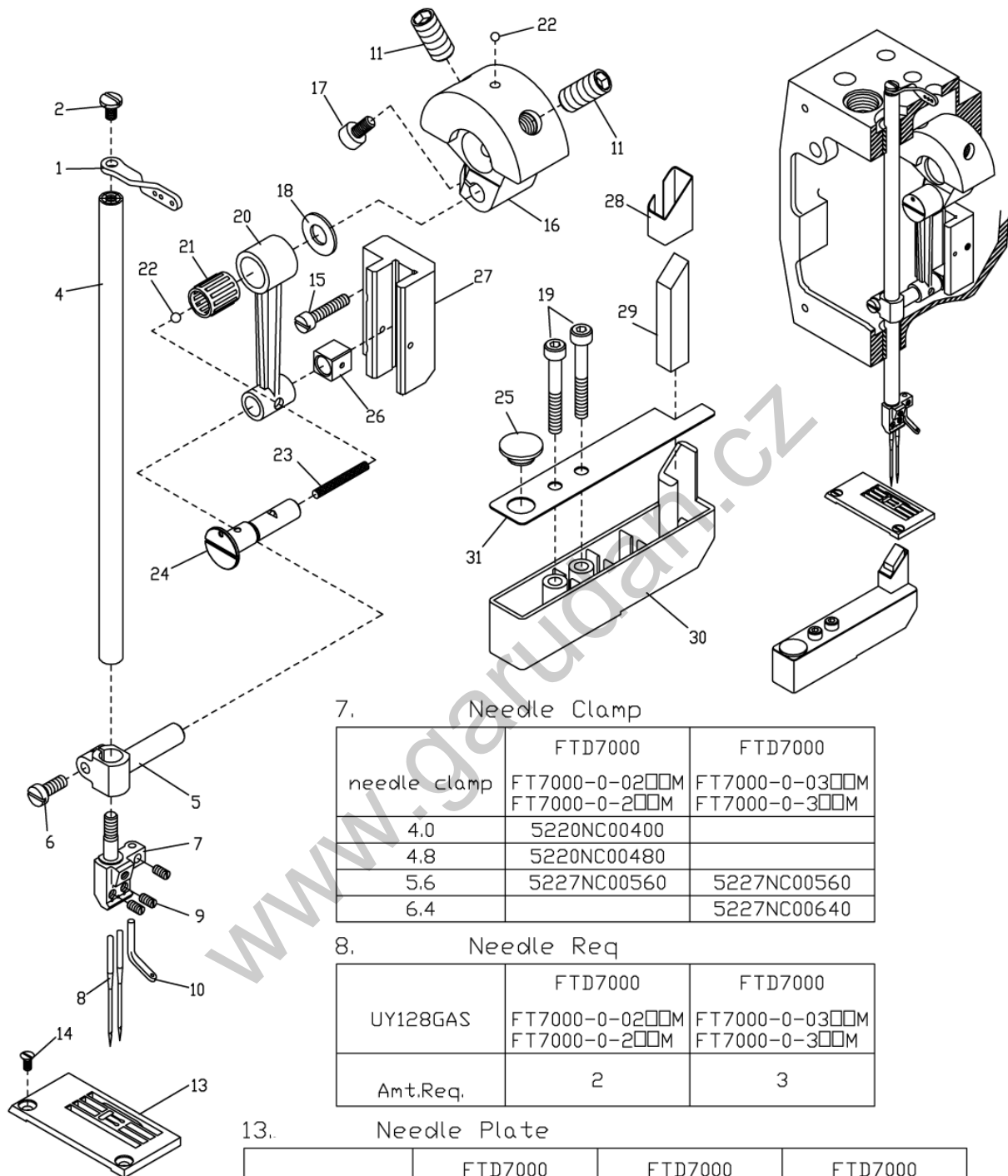
6. UPPER MAIN SHAFT COMPONENT (1/2)			
Ref. No.	Parts No.	Description	QTY
▲ 1	2230000601	Handwheel	1
2	2240000602	Cover	1
▲ 3	22400006032	Mini Motor	1
4	8MB04280807K	Screw(M4-0.7*8)	2
5	8MP04280808A	Screw (M4-0.7*8)	3
△ 6	2230000601S	Handwheel	1
7	2200000607	Timeing Belt	1
8	22400006081	Timeing Pulley	1
9	2200000509	Balance Weight	1
10	2200000610	Joint	1
11	90BB204714	Ball Bearing	1
12	2240000612	Bearing Sleeve	1
13	2210000613	Crank Shaft	1
14	90SCR150	C Ring	1
15	90BB1535115	Ball Bearing	2
16	8MN06400400A	Screw (M6-1*4)	1
17	8MN06400600C	Screw(M6-1*6)	1
△ 18	2240000603S	Mini Motor	1
19	2200000619	Connecting Rod	1
20	8MB95301407K	Screw(M4.5-0.75*14)	2
21	8MB85241006K	Screw(M3.5-0.6*10)	2
22	2200000622	Orient Guide	1
23	8MB03200806K	Screw (M3-0.5*8)	1
24	2200000624	Ball Lever	1
25	8MM06401610A	Screw (M6-1*16)	4
26	8MM05321009A	Screw (M5-08*10)	1
27	2200000627	Washer	1
28	2200000628	Spacer	1
29	2200000629	Shaft	1
30	2200000630	Bracket	1
31	90SW050	Spring Washer	1
32	8MM05321409A	Screw (M5-0.8*14)	1
33	2200000633	Thread Take-up	1
*34	2220000634	Thread Take-up	1
*35	8MB85240806K	Screw (M3.5-0.6*8)	2
36	8MB03200705A	Screw (M3-0.5*6.5)	1
**37	8MB85240607K	Screw (M3.5-0.6*6)	2
39	8MN06400800A	Screw (M6-1*8)	2

6. UPPER MAIN SHAFT COMPONENTS (2/2)



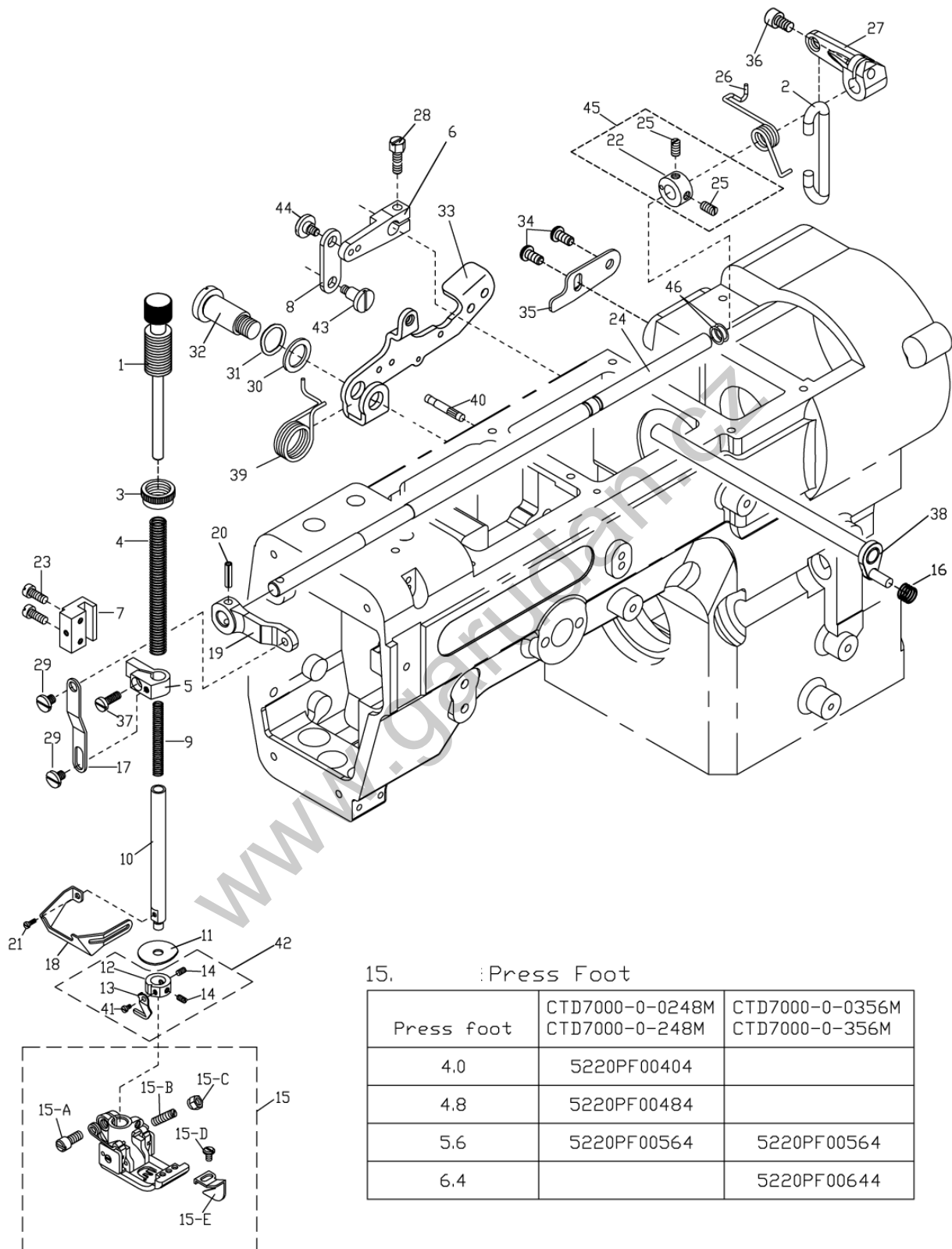
6. UPPER MAIN SHAFT COMPONENT (2/2)			
Ref. No.	Parts No.	Description	QTY
40	2100001404	Plug	1
41	66800	Oil Wick	1
42	2240000642	Oil Sleeve	1
43	66485-10	Plate	1
44	8MN06400600A	Screw(M6-1*6)	8
46	222A0000646	Joint Asm	1
47	222A0000647	Balance Weight Asm	1
48	222A0000648	Connecting Rod Asm	1
49	222A0000649	Ball Lever Asm	1
50	222A0000650	Connecting Rod Asm	1
51	8MB04281007K	Screw (M4-0.7*10)	1
52	2100000223	Washer	1
53	4MN0210108	Cord Clamp	1
54	4UTB020306	Plastic Binding Wire	1
	▲ Ho hsing motor (Optional)		
	△Shokei motor (Optional)		
	*With top cover thread		
	**Without top cover thread		

7. NEEDLE BAR COMPONENTS



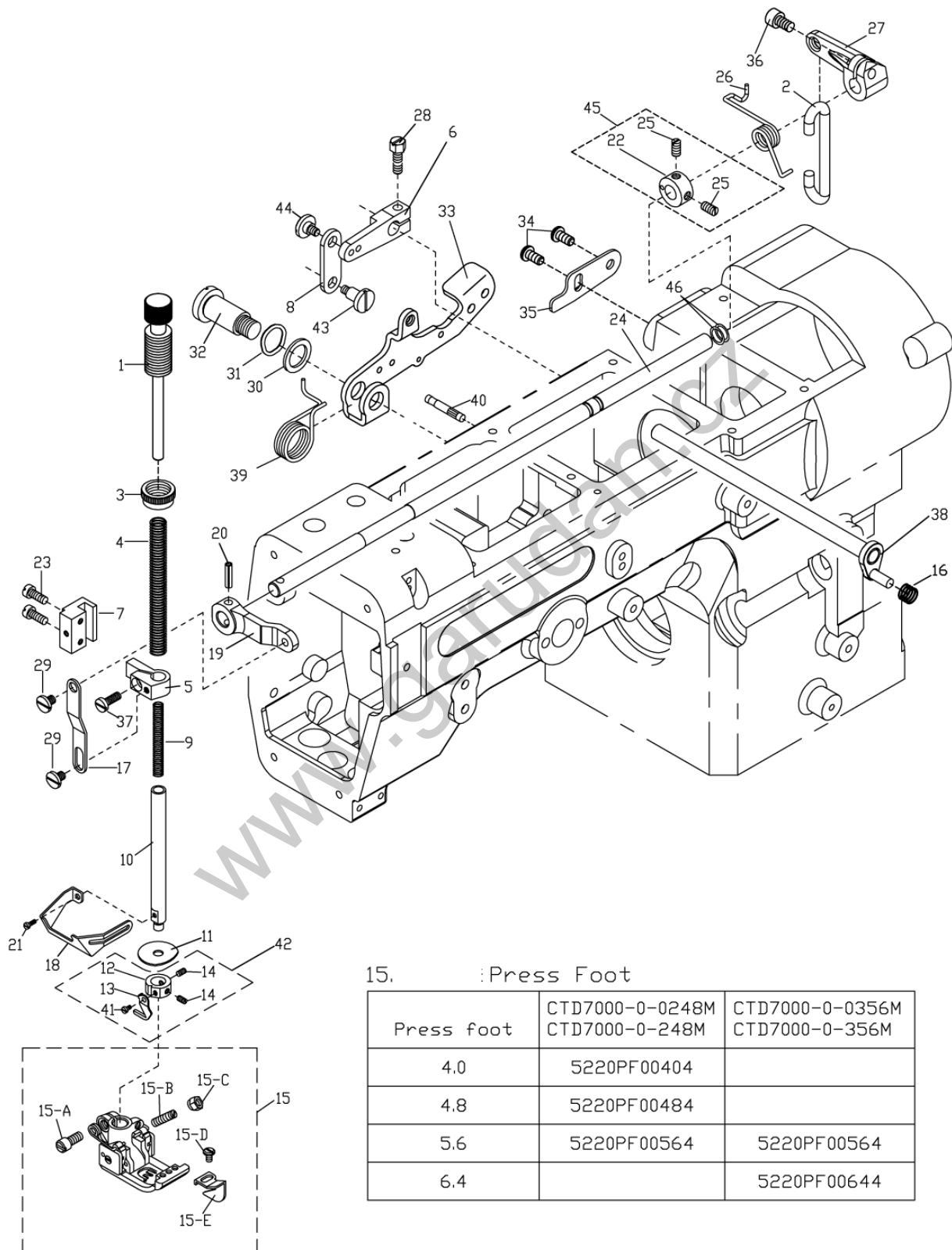
7. NEEDLE BAR COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	2200000703	Thread Guide	1
2	8MB85240607K	Screw (M3.5-0.6*6)	1
4	22000007011	Needle Bar	1
5	2210000705	Needle Bar Clamp	1
6	8MB95301107K	Screw (M4.5-0.75*11)	1
7		Needle clamp (See Left Page)	1
9	8SH32440300A	Screw (1/8"-44*2.5)	4
*10	2200000710	Thread Guide (	1
11	8MN08401600E	Screw M8-1*16)	2
13		Needle Plate (See Left Page)	1
14	8SF36400706C	Screw (9/64"-40*7)	2
15	8MB04281607A	Screw (M4-0.7*16)	2
16	2270000714	Balance Weight	1
17	8MM05321009A	Screw (M5-0.8*10)	1
18	2270000716	Washer	1
19	8MM04282507B	Screw (M4-0.7*25)	2
20	2210000720	Connecting Rod	1
21	90NB081113	Ball Bearing	1
22	2100001404	Plug	2
23	66800	Oil Wick	1
24	2270000720	Rod Pin	1
25	22000001091	Plug	1
26	2200000722	Slide Block	1
27	2210000727	Guide Block	1
28	2210000728	Felt Guard	1
29	2210000729	Felt	1
30	22100007301	Cooler Oil Tank	1
31	2210000731	Cooler Oil Tank Cover	1
	* With top cover thread		

8. PRESSER FOOT COMPONENTS (1/2)

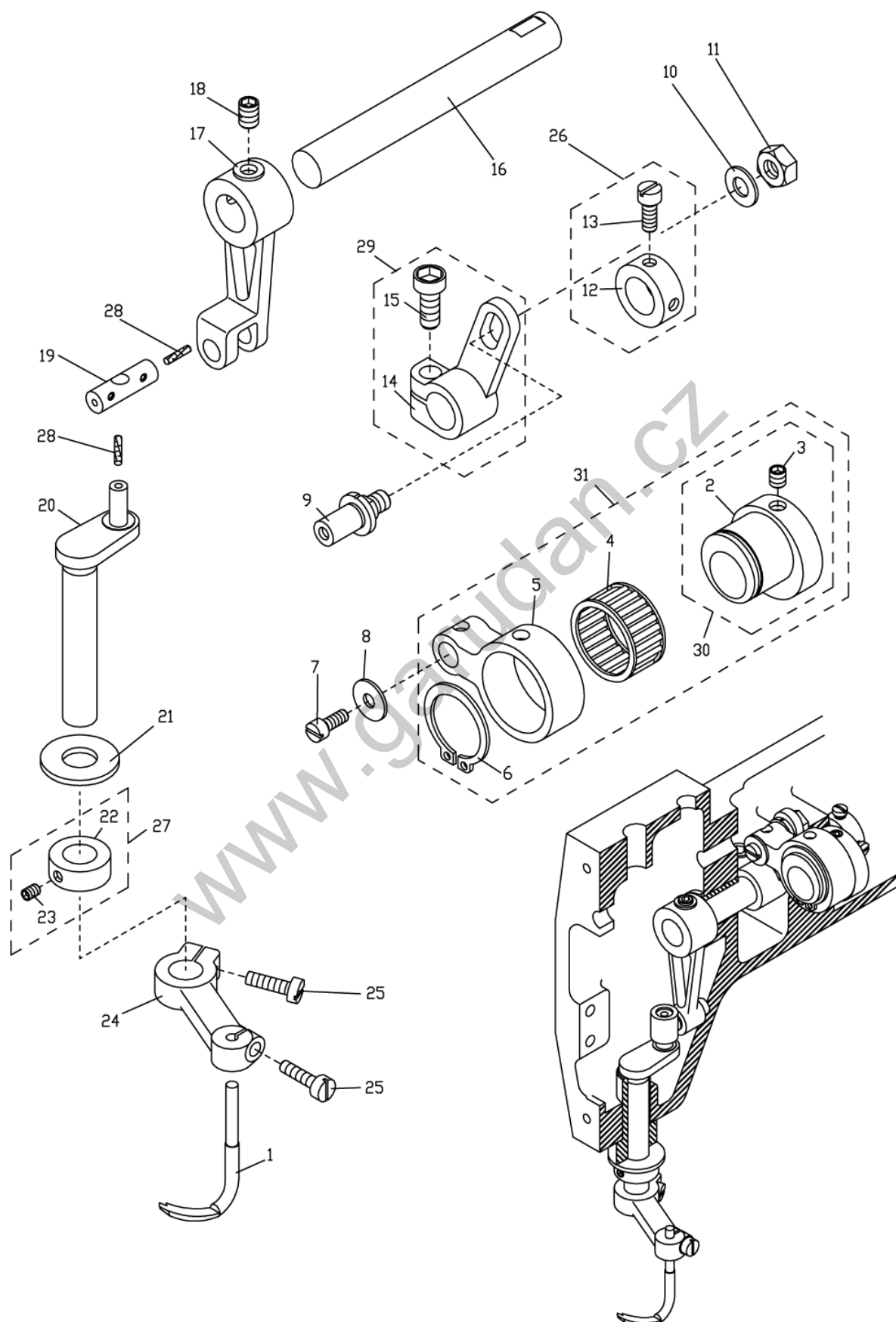


8. PRESSER FOOT COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	2280000801	Spring Regulator	1
2	2240000802	Lifter Connecting Plate	1
3	2220000803	Nut	1
4	2210000804	Spring	1
5	2200000805	Presser Bar Clamp	1
*6	2240000806	Drive Arm	1
7	2200000807	Guide Block	1
*8	2240000808	Link	1
9	2210000809	Spring	1
10	2200000810	Presser Bar	1
11	2200000811	Oil Separator	1
12	2220000812	Stop Collar	1
13	2220000813	Knife	1
14	8MH85240300A	Screw (M3.5-0.6*3)	2
15	-----	Presser Foot (See Left Page)	1
15-A	5220PF0356M	Screw (M3.5-0.6*8)	1
15-B	5221PF0956C	Screw (1/8"-44*11)	1
15-C	5220PF0356D	Nut	1
15-D	8SB24560405A	Screw (3/32"-56*4)	1
15-E	5220PF0056L	Curl Guard	1
*16	4UTB000411	Spring	1
17	2200000817	Link	1
18	2220000818	Safety Plate Holder	1
19	2240000819	Lever	1
20	90SP0416	Spring Pin	1
21	8MB85240607K	Screw (M3.5-0.6*6)	1
22	2200000822	Collar	1
23	8MC95301608E	Screw (M4.5-0.75*16)	2
24	22400008241	Shaft	1
25	8MC95300606F	Screw (M4.5-0.75*5.5)	2
26	2240000826	Spring	1
27	2240000827	Link	1
28	8MK95301407A	Screw (M4.5-0.75*14)	1
29	8MB05320509G	Stud (M5-0.8*5)	2
30	2310001012	Washer	1
31	2310001207	Corrugated Ring	1
32	2310001013	Stud	1
33	22400008331	Lifter Arm	1
*34	8MP06401011A	Screw (M6-1*10)	2
*35	2240000835	Stopper	1

8. PRESSER FOOT COMPONENTS (2/2)

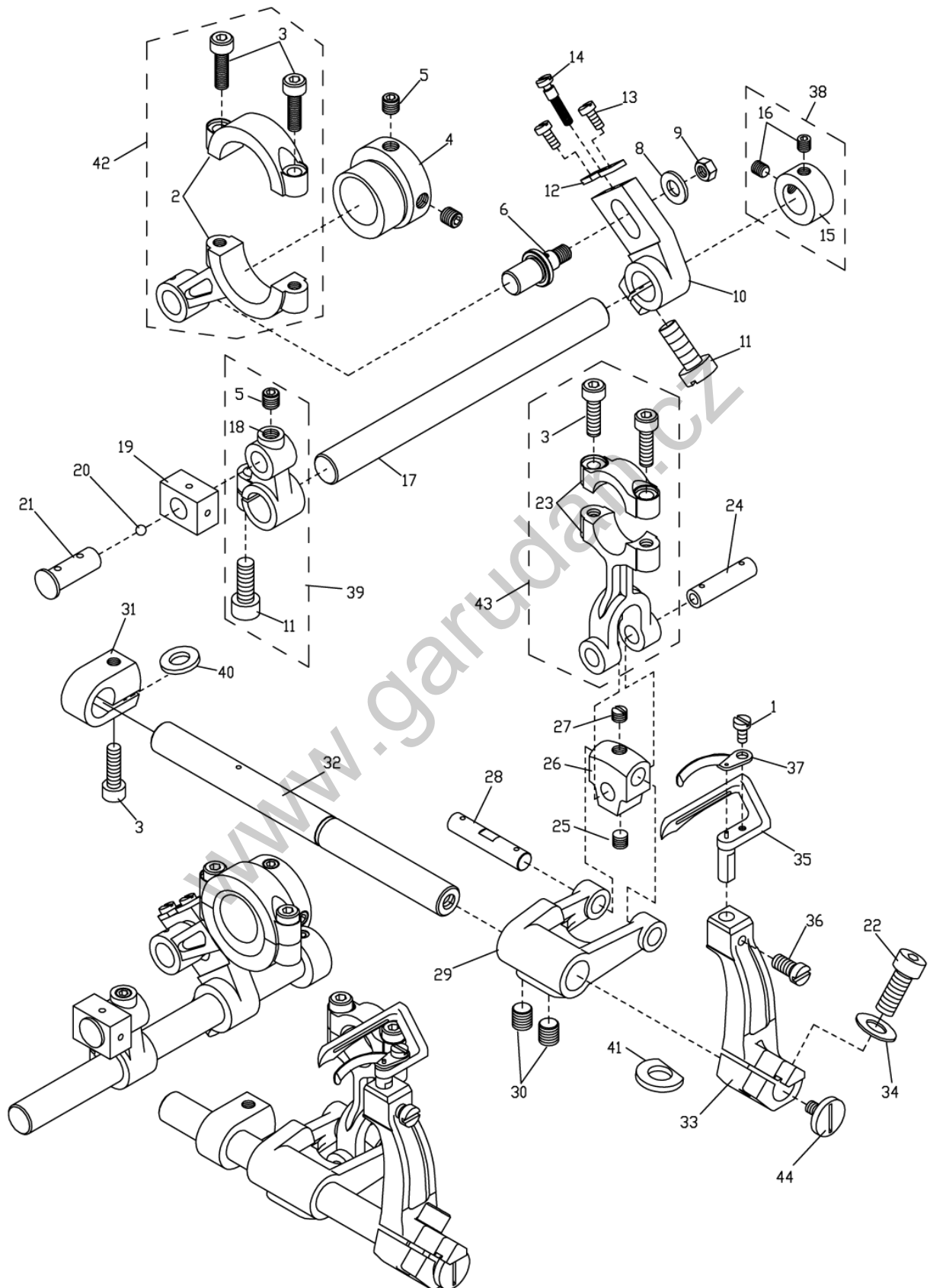


8. PRESSER FOOT COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
36	8MM06401210A	Screw (M6-1*12)	1
37	8MC95300808E	Screw (M4.5-0.75*8)	1
*38	2240000838	Shift	1
39	2240000839	Spring	1
40	2310001017	Pin	1
41	8MB03200405A	Screw (M3-0.5*4)	1
42	222A0000842	Stop Collar Asm	1
*43	2310000343	Stud	1
*44	2310000344	Stud	1
45	220A0000825	Collar Asm.	1
46	2240000846	O Ring	2
	* For basic model only. Not applicable to thread trimmer (UT series) series.		

9. SPREADER MECHNISM

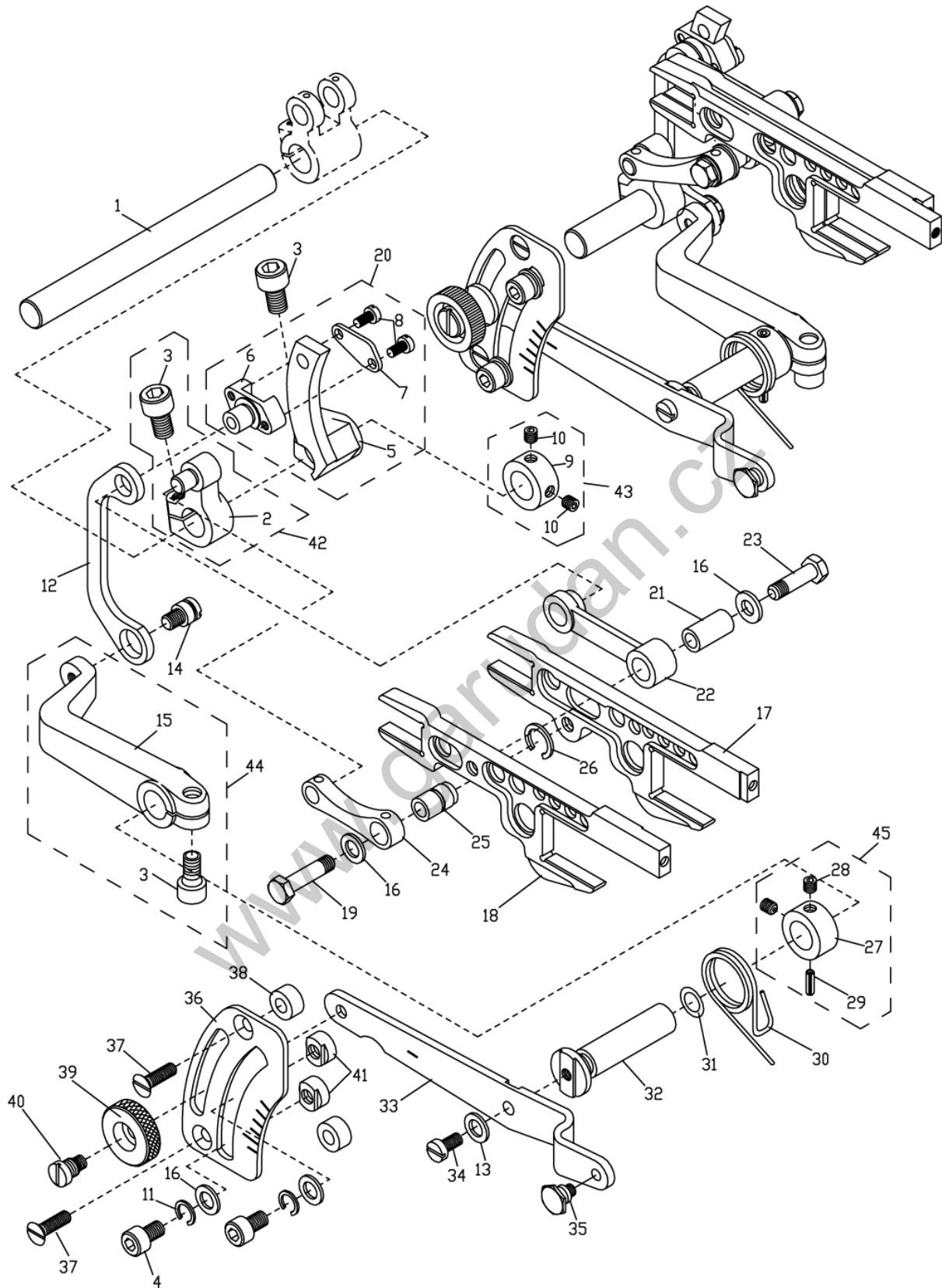
9. SPREADER MECHNISM			
Ref. No.	Parts No.	Description	QTY
1	5221SL00560	Spreader	1
2	2200000902	Eccentric	1
3	8MN05320500E	Screw (M5-0.8*5)	2
4	90NB222613	Needle Bearing	1
5	2200000905	Connecting Rod	1
6	90SCR220	C Ring	1
7	8MB04280807K	Screw (M4-0.7*8)	1
8	2200000908	Washer	1
9	2200000909	Rod Pin	1
10	2200000910	Washer	1
11	8MA06400510A	Nut (M6-1*5)	1
12	2200000912	Collar	1
13	8MC95300606F	Screw (M4.5-0.75*5.5)	2
14	2200000914	Lever	1
15	8MM06401610A	Screw (M6-1*16)	1
16	2200000916	Shaft	1
17	2220000917	Connecting Rod	1
18	8MN06400600A	Screw (M6-1*6)	2
19	2220000919	Rod Pin	1
20	2220000920	Crank Shaft	1
21	2200000921	Washer	1
22	2200000922	Collar	1
23	8MH85240500A	Screw (M3.5-0.6*4.5)	2
24	22000009241	Spreader Arm	1
25	8MB04281207K	Screw (M4-0.7*12)	2
26	220A0000926	Collar Asm	1
27	220A0000927	Collar Asm	1
28	66801	Oil Wick	2
29	222A0000929	Lever	1
30	222A0000930	Collar Asm	1
31	222A0000931	Collar Asm	1

10. LOOPER DRIVING MECHNAISM



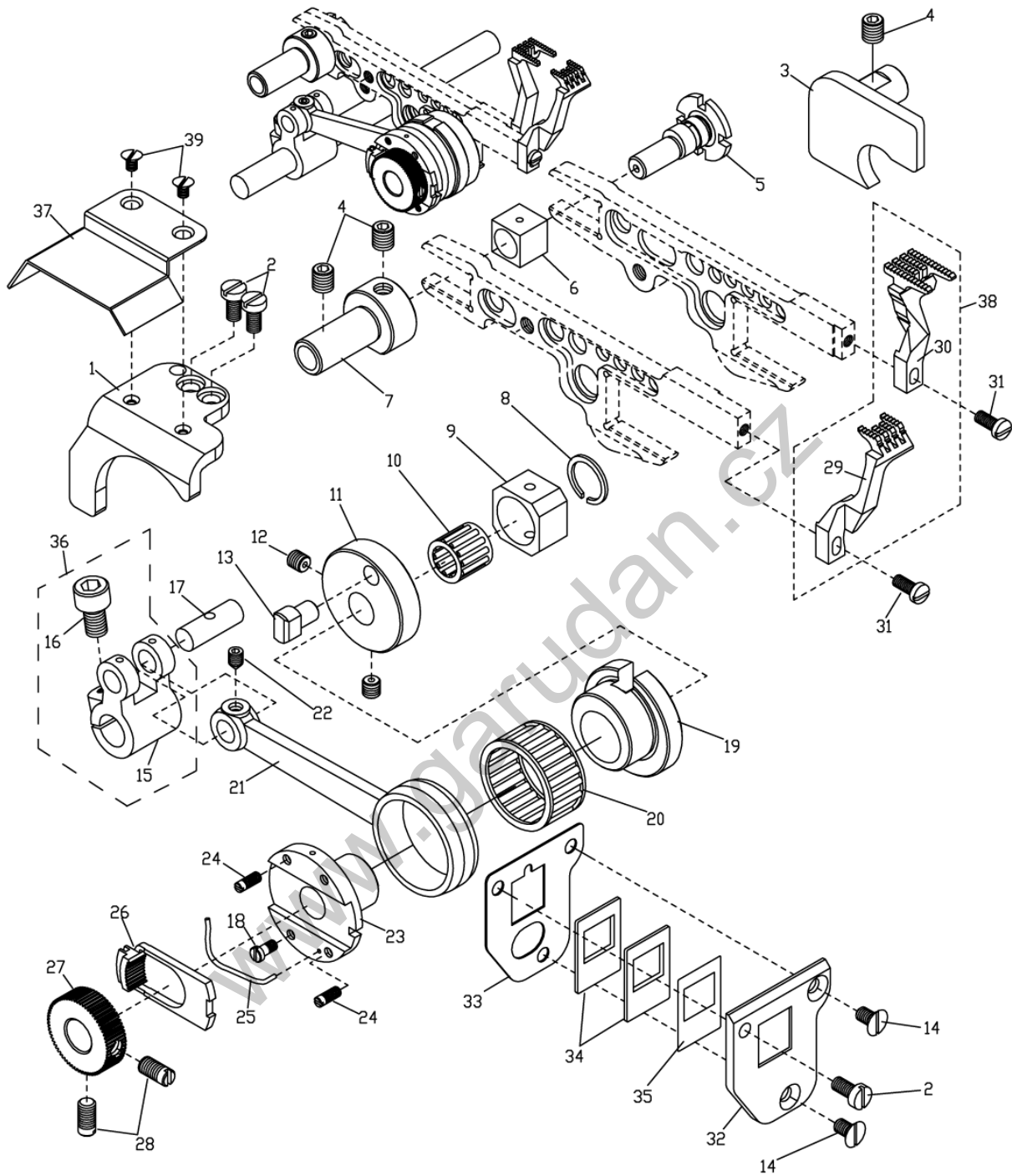
10. LOOPER DRIVING MECHNAINSM			
Ref. No.	Parts No.	Description	QTY
1	8SB24560404A	Screw	1
2	2210001002	Connecting Rod	1
3	8MM04281407A	Screw (M4-0.7*14)	5
4	2210001004	Eccentric	1
5	8MN05320500E	Screw (M5-0.8*5)	3
6	2210001006	Lever Pin	1
8	2200001025	Washer	1
9	8MA05320408A	Nut (M5-0.8*4)	1
10	2210001010	Adjusting Lever	1
11	8MM05321209A	Screw	2
12	2210001012	Adjusting Guide Plate	1
13	8MB75180505A	Screw (M2.5-0.45*5)	2
14	2210001014	Adjusting Stud	1
15	2210001015	Collar	1
16	8MN04280400A	Screw (M4-0.7*4)	2
17	2210001017	Shaft	1
18	2210001018	Lever	1
19	2210001019	Slide Block	1
20	2100000403	Plug	1
21	2210001021	Lever Pin	1
22	8MM05321609A	Screw (M5-0.5*16)	1
23	2210001023	Rod	1
24	2210001024	Connecting Pin	1
25	8MN95300600A	Screw (M 4.5-0.75*6)	1
26	2210001026	Lever Link	1
27	8MH95300400A	Screw (M4.5-0.75*3.5)	1
28	2210001028	Connecting Pin	1
29	2210001029	Lever	1
30	8MN06400600A	Screw (M6-1*6)	2
31	2210001031	Collar	1
32	22100010321	Shaft	1
33	22100010331	Rocker Arm	1
34	2210001034	Washer	1
35	5221LL00561	Looper	1
36	8MB04280705K	Screw (M4-0.7*7)	1
37	5221NG00561	Needle Guide	1
38	221A0001038	Collar Asm.	1
39	221A0001039	Lever Asm.	1
40	2100000223	Washer	1
41	2210001041	Washer	1
42	221A0001042	Connecting Rod Asm	1
43	221A0001043	Connecting Rod Asm	1
44	8MB04280713A	Screw (M4-0.7*7)	1

11. FEED CONTROL DRIVING



11. FEED CONTROL DRIVING			
Ref. No.	Parts No.	Description	QTY
1	2210001101	Shaft	1
2	2210001102	Lever	1
3	8MM06401210A	Screw (M6-1*12)	3
4	8MM05320809A	Screw (M5-0.8*8)	2
5	2210001105	Differential Rocker	1
6	2210001106	Slide Block	1
7	2210001107	Slide Block Cap	1
8	8MB03200606K	Screw (M3-0.5*6)	2
9	2210001109	Collar	1
10	8MN05320500E	Screw (M5-0.8*5)	2
11	90SW050	Spring Washer	2
12	2210001112	Link	1
13	2100000223	Washer	1
14	2210001114	Connecting Pin	1
15	2210001115	Differential Lever	1
16	2200001025	Washer	4
17	2210001117	Feed Dog Seat	1
18	2210001118	Feed Dog Seat	1
19	8MK05201808G	Screw (M5-0.5*18)	1
20	221A0001147	Differential Rocker Asm.	1
21	2210001121	Bushing	1
22	2210001122	Rod	1
23	8MK05202108G	Screw (M5-0.5*21)	1
24	2210001124	Rod	1
25	2210001125	Bushing	1
26	2210001126	C Ring	1
27	2210001127	Collar	1
28	8MN04280400A	Screw (M4-0.7*4)	2
29	90SP0416	Spring Pin	1
30	2210001130	Spring	1
31	90OR070	O Ring	1
32	2210001132	Shaft	1
33	2210001133	Lever	1
34	8MB04280807K	Screw (M4-0.7*8)	1
35	2210001135	Stud	1
36	2210001136	Regulator Plate	1
37	8ME04281408A	Screw (M4-0.7*14)	2
38	2200001141	Spacer	2
39	2200001147	Nut	1
40	8MB06401108T	Stud (M6-1*11)	1
41	2200001142	Stopper	2
42	221A0001142	Lever Asm.	1
43	221A0001143	Collar Asm.	1
44	221A0001144	Differential Lever Asm.	1
45	221A0001145	Collar Asm.	1

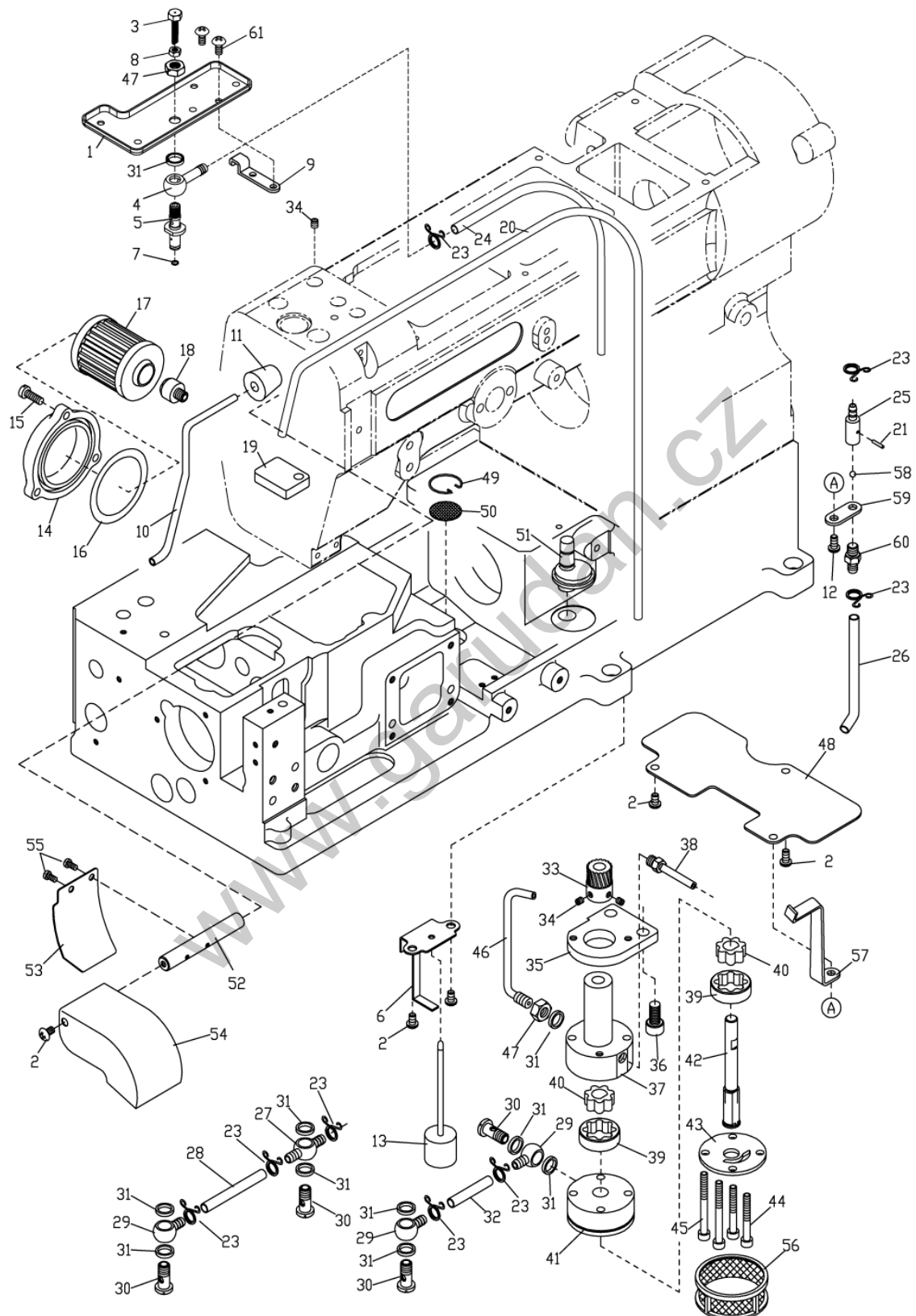
12. NEEDLE GUIDE AND FEED DOG DRIVING



Ref.No.	Description	Distance Of Needles			
		4.0	4.8	5.6	6.4
30	Main Feed Dog	5221FD00567	5221FD00567	5221FD00567	5221FD00646
29	Diff Feed Dog	5221DF00563	5221DF00563	5221DF00563	5221DF00643
38	Feed Dog Asm.	5221DG00211	5221DG00211	5221DG00211	5221DG00221

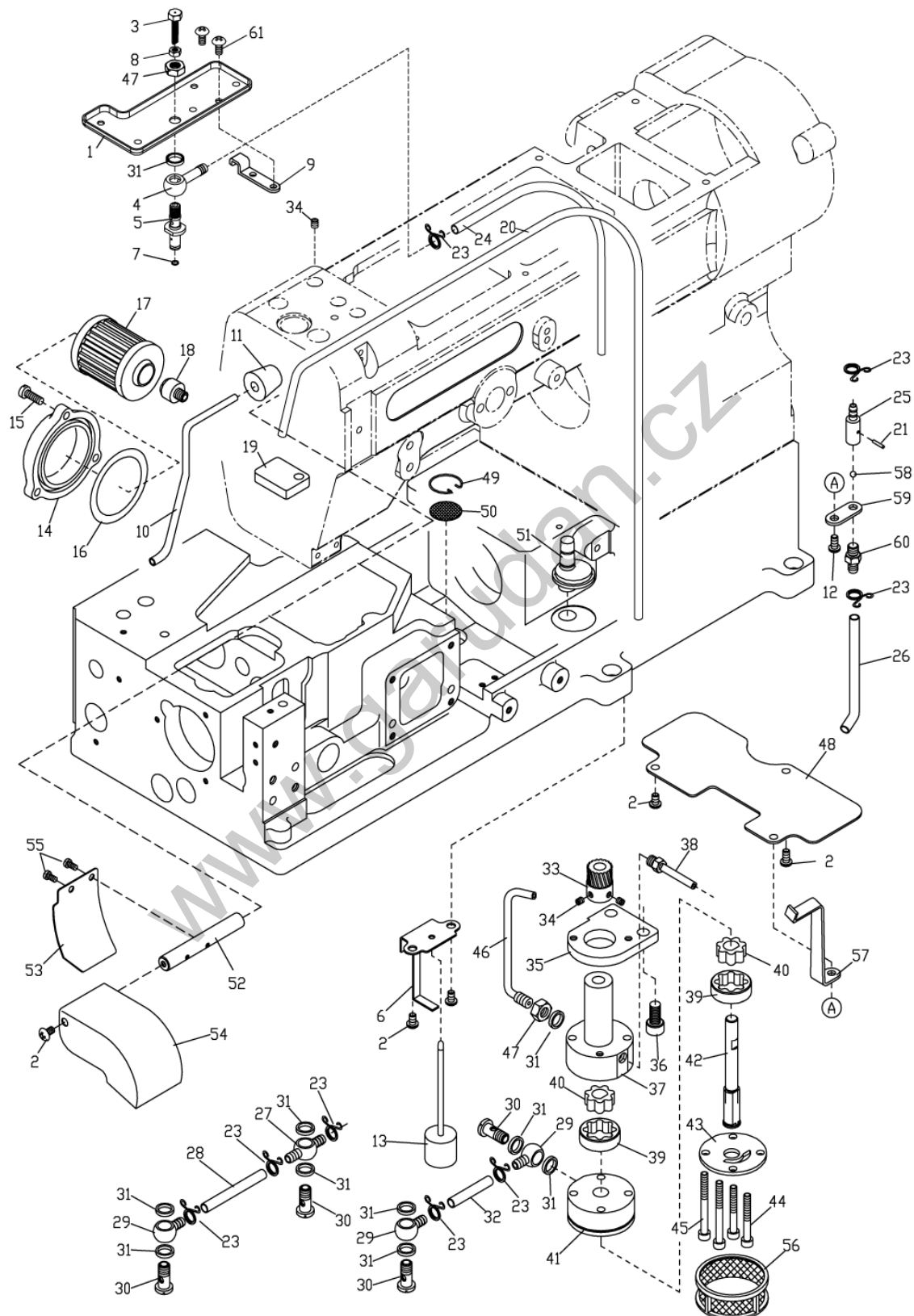
12. NEEDLE GUIDE AND FEED DOG DRIVING			
Ref. No.	Parts No.	Description	QTY
1	22100012011	Feed Bar Guide	1
2	8MB04280807K	Screw (M4-0.7*8)	3
3	2210001203	Feed Bar Guide	1
4	8MN06400600A	Screw (M6-1*6)	3
5	2210001205	Feed Adjusting Shaft	1
6	2200001245	Slide Block	1
7	2210001207	Guide	1
8	2210001208	C Ring	1
9	2210001209	Slide Block	1
10	90NB121510	Needle Bearing	1
11	2210001211	Eccentric Pin Holder	1
12	8MN05320500E	Screw (M5-0.8*5)	2
13	2210001213	Eccentric Pin	1
14	8ME04280708A	Screw (M4-0.7*5)	2
15	2210001215	Shaft	1
16	8MM06401210A	Screw (M6-1*12)	1
17	2210001217	Shaft Pin	1
18	8MB03200605B	Screw (M3-0.5*6)	1
19	2210001219	Eccentric	1
20	90NB242810	Needle Bearing	1
21	2210001221	Rod	1
22	8MN04280500C	Screw (M4-0.7*5)	1
23	2210001223	Regulating Eccentric	1
24	8MB03200403F	Screw (M3-0.8*8)	2
25	2210001225	Spring	1
26	2210001226	Regulating Plate	1
27	2210001227	Regulating Gear	1
28	8MB05320805F	Screw (M5-0.8*8)	2
29		Diff. Feed Dog (See Left Page)	1
30		Main Feed Dog (See Left Page)	1
31	8MB85240807K	Screw (M3.5-0.6*8)	2
32	2210001232	Rubber Case	1
33	2210001233	Gasket	1
34	2210001234	Rubber	2
35	2210001235	Washer	1
36	221A0001236	Crank Asm.	1
37	2210001237	Cover	1
38		Feed Dog Asm.(See Left Page)	1
39	8ME03200506A	Screw (M3-0.5*4.5)	2

13. LUBRICATION SYSTEM (1/2)



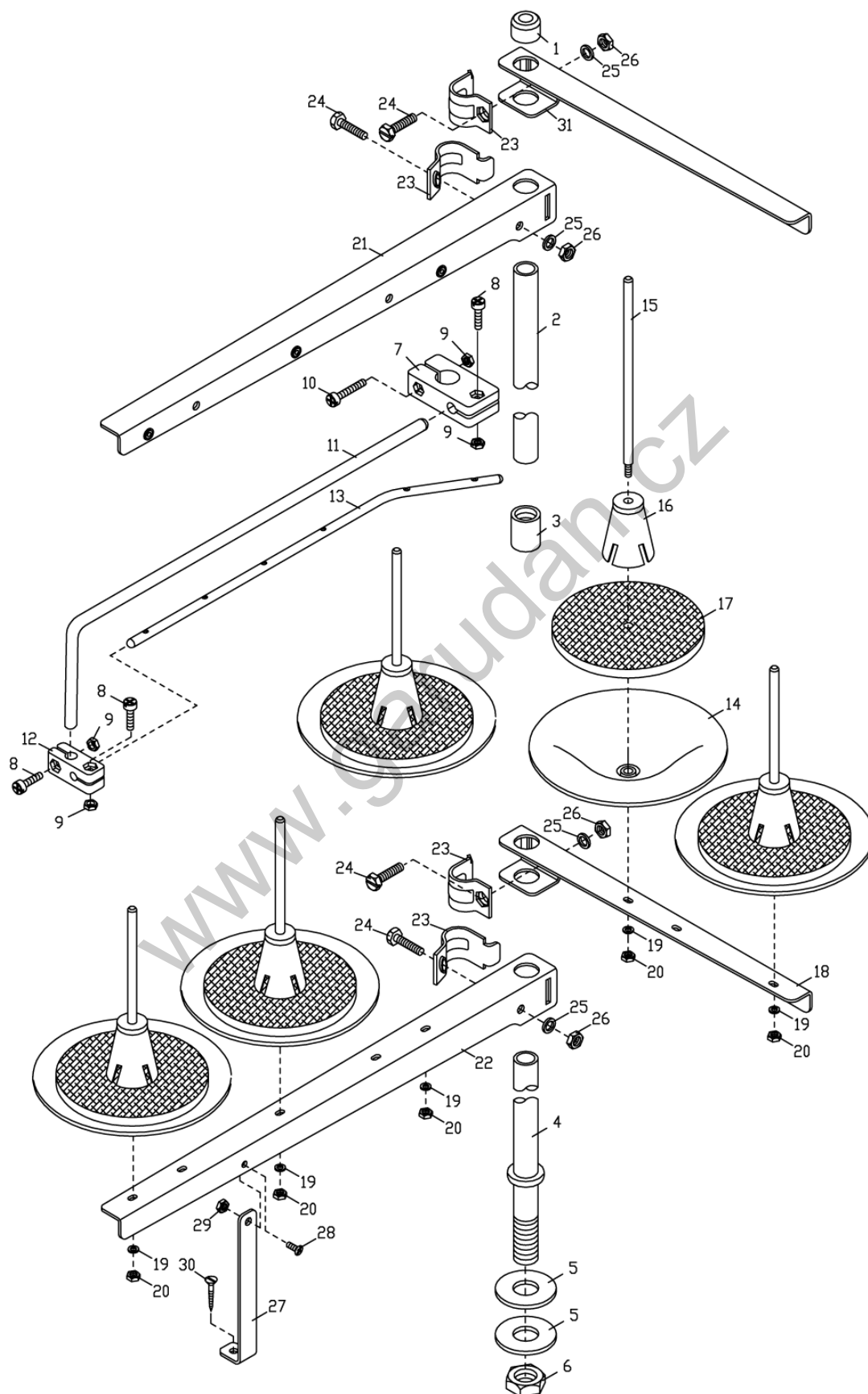
13. LUBRICATION SYSTEM (1/2)			
Ref. No.	Parts No.	Description	QTY
1	2240001301	Oil Receiver	1
2	8MC04280507D	Screw (M4-.7*5)	5
3	2240001303	Nozzle	1
4	2240001304	Oil Tube Joint	1
5	2240001302	Oil Tube	1
6	2210001306	Indicator Support	1
7	90OR030	Oil Rin	1
8	8MA85240306B	Nut (M3.5-0.6*2.8)	1
9	22400013051	Washer	1
10	2210001310	Oil Tube	1
11	2210001311	Plug	1
12	8MC04281007D	Screw (M4-0.7*10)	1
13	2210001313	Indicator	1
14	2200001311	Oil Filter Cover	1
15	8MB04281207K	Screw (M4-0.7*12)	3
16	2200001313	O Ring	1
17	2100001521	Oil Filter	1
18	2200001315	Oil Filter Joint	1
19	2200001318	Felt	1
20	66792	Oil Tube	1
21	2220001331	Pin	1
22	2210001322	Oil Tube	1
23	2100001536	Latch Spring	8
24	66790	Oil Tube	1
25	2220001325	One Way Valve	1
26	66790	Oil Tube	1
27	2200001327	Oil Tube Joint	1
28	2200001328	Oil Tube	1
29	2100001535	Oil Tube Joint	3
30	2100001533	Stud	4
31	2100001534	Washer	10
32	2200001332	Oil Tube	1
33	2200001341	Worm Gear	1
34	8MN04280400A	Screw (M4-0.7*40)	3
35	2200001352	Pump Seat	1
36	8MM06401210A	Screw (M6-1*12)	2
37	2200001353	Pump Body	1
38	2200001344	Oil Tube	1
39	2200001354	Outside Rotor	2

13. LUBRICATION SYSTEM (2/2)



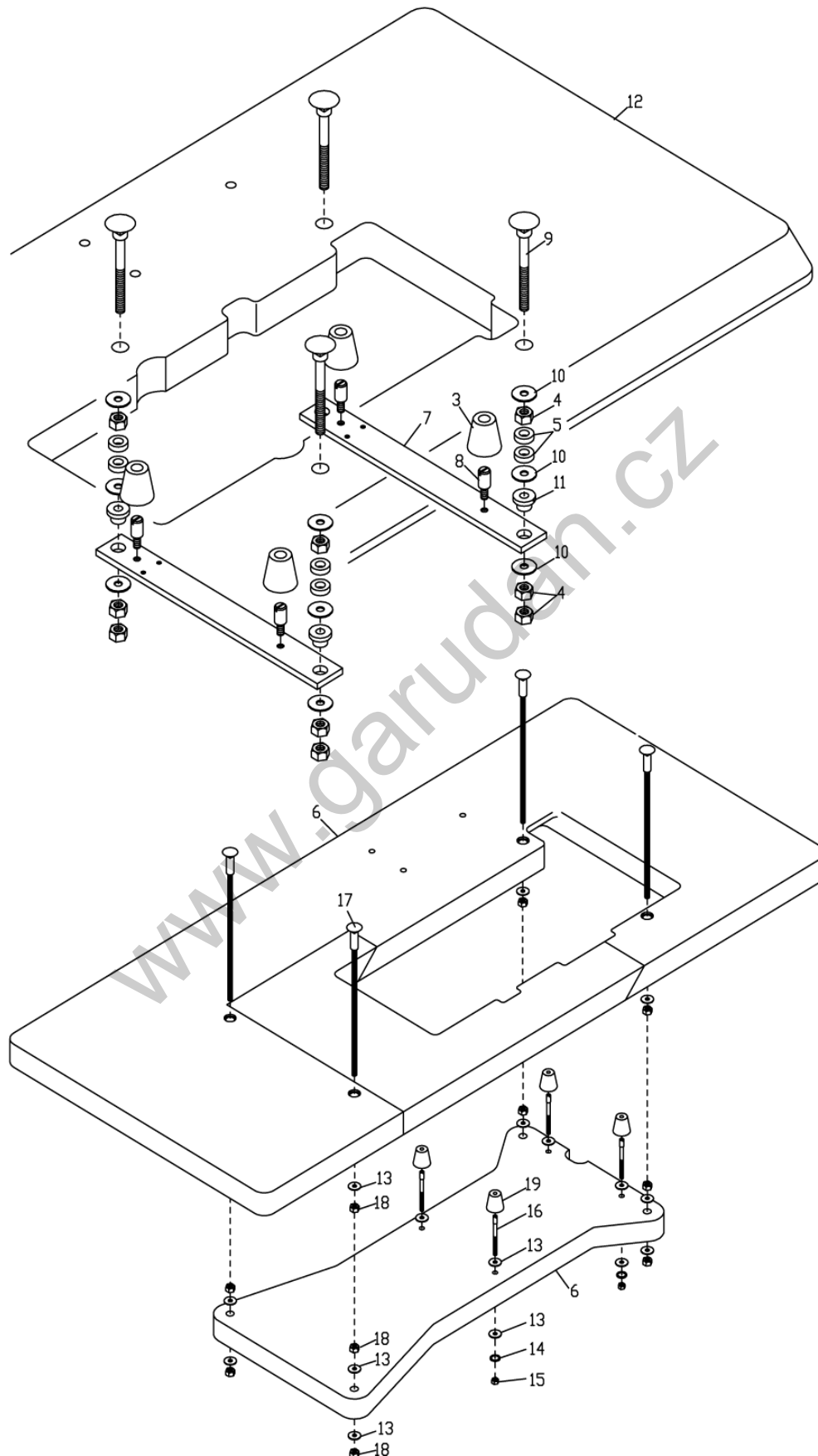
13. LUBRICATION SYSTEM (2/2)			
Ref. No.	Parts No.	Description	QTY
40	2200001355	Inside Rotor	2
41	2200001356	Rotor Case	1
42	2200001357	Shaft	1
43	2200001358	Cover	1
44	8MM04283007B	Screw (M4-0.7*30)	2
45	8MM04284007B	Screw (M4-0.7*40)	2
46	2200001346	Nozzle	1
47	8MA06400510A	Nut (M6-1*5)	2
48	2210001348	Separate	1
49	2200001316	Filter Screen Clamp	1
50	2200001317	Filter Screen	1
51	2210001351	Oil Wick	1
52	2210001352	Shaft	1
53	2210001353	Cover	1
54	2210001354	Cover	1
55	8MB03200506K	Screw (M3-0.5*5)	2
56	2200001366	Oil Mesh	1
57	2200001348	Oil Tube Holder	1
58	2220001349	Steel ball	1
59	2220001339	Bracket	1
60	2220001340	Oil Tube Joint	1
61	8MC04280807D	Screw (M4-0.7*8)	2

14. THREAD STAND



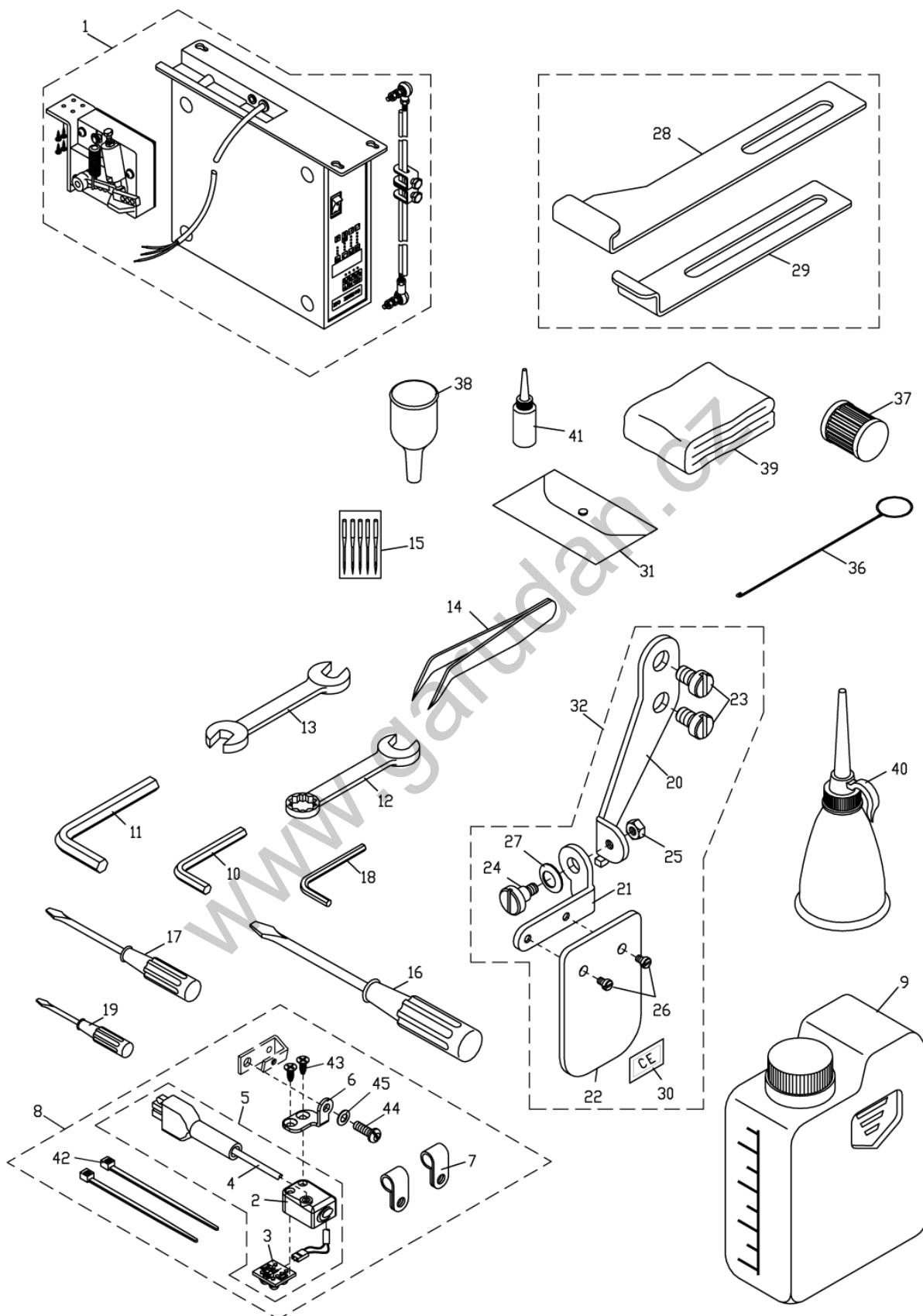
14. THREAD STAND			
Ref. No.	Parts No.	Description	QTY
1	667051	Rod Cup	1
2	667052	Upper Thread Stand Rod	1
3	667053	Joint	1
4	667054	Lower Thread Stand Rod	1
5	667055	Washer	2
6	667056	Nut	1
7	667057	Bracket	1
8	667058	Screw	3
9	667059	Nut	4
10	6670510	Screw	1
11	6670511	Arm	1
12	6670512	Bracket	1
13	6670513	Thread Guide	1
14	6670514	Spool Set for SH6005	5
15	6670515	Spool Pin	5
16	6670516	Spool Retaining Fig	5
17	6670517	Seat	5
18	667061	Spool Set Bracket	1
19	6670519	Spring Washer	5
20	6670520	Nut	5
21	6670521	Thread Guide	1
22	6670522	Spool Set Bracket	1
23	6670523	Clamp	4
24	6670524	Screw	4
25	6670525	Spring Washer	4
26	6670526	Nut	4
27	6670527	Support Rod	1
28	6670528	Screw	1
29	6670529	Nut	1
30	6670530	Wood Screw	1
31	6670531	Thread Guide	1

15. SUPPORTING BOARD

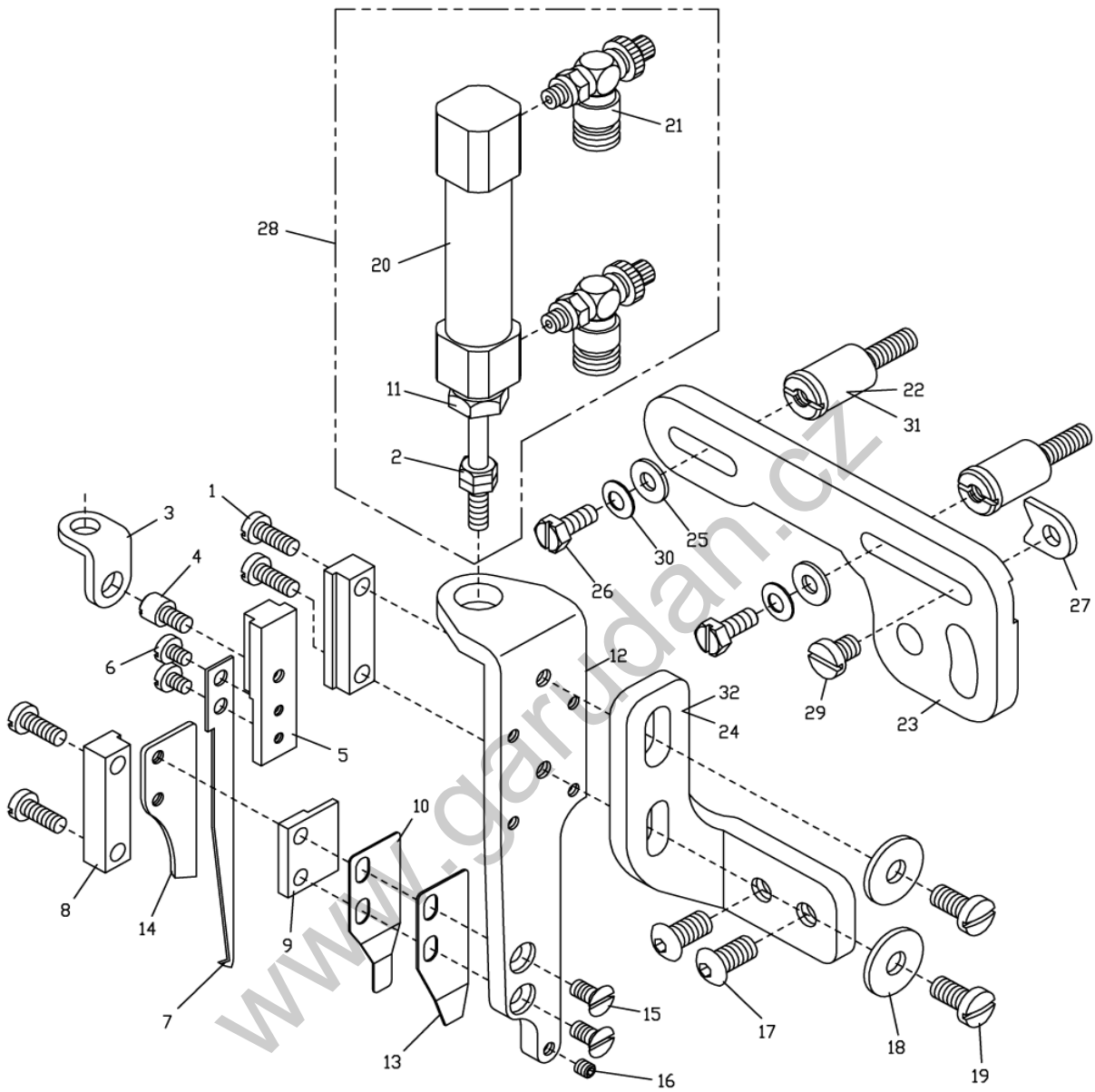


15. SUPPORTING BOARD			
Ref. No.	Parts No.	Description	QTY
3	66945	Rubber Cushion	4
4	8SA79180613A	Nut (5/16"-18*6)	12
5	2210001505	Spacer	8
6	66812-2	Table	1
7	2210001507	Supporting Board	2
8	8MB06401012M	Bolt (M6-1*10)	4
9	8SC79189627B	Bolt (5/16"-18*96)	4
10	2200001510	Washer	12
11	2200001511	Rubber Washer	4
12	66812-4	Table	1
13	2200001504	Washer	20
14	90SW070	Spring Wahsher -	4
15	8MA06400612A	Nut (M6-1*6)	4
16	8MB06406507B	Bolt (M6-1*65)	4
17	2210001608	Bolt	4
18	8MA08500613A	Nut (M8-1.25)	12
19	66943	Rubber Cushion	4

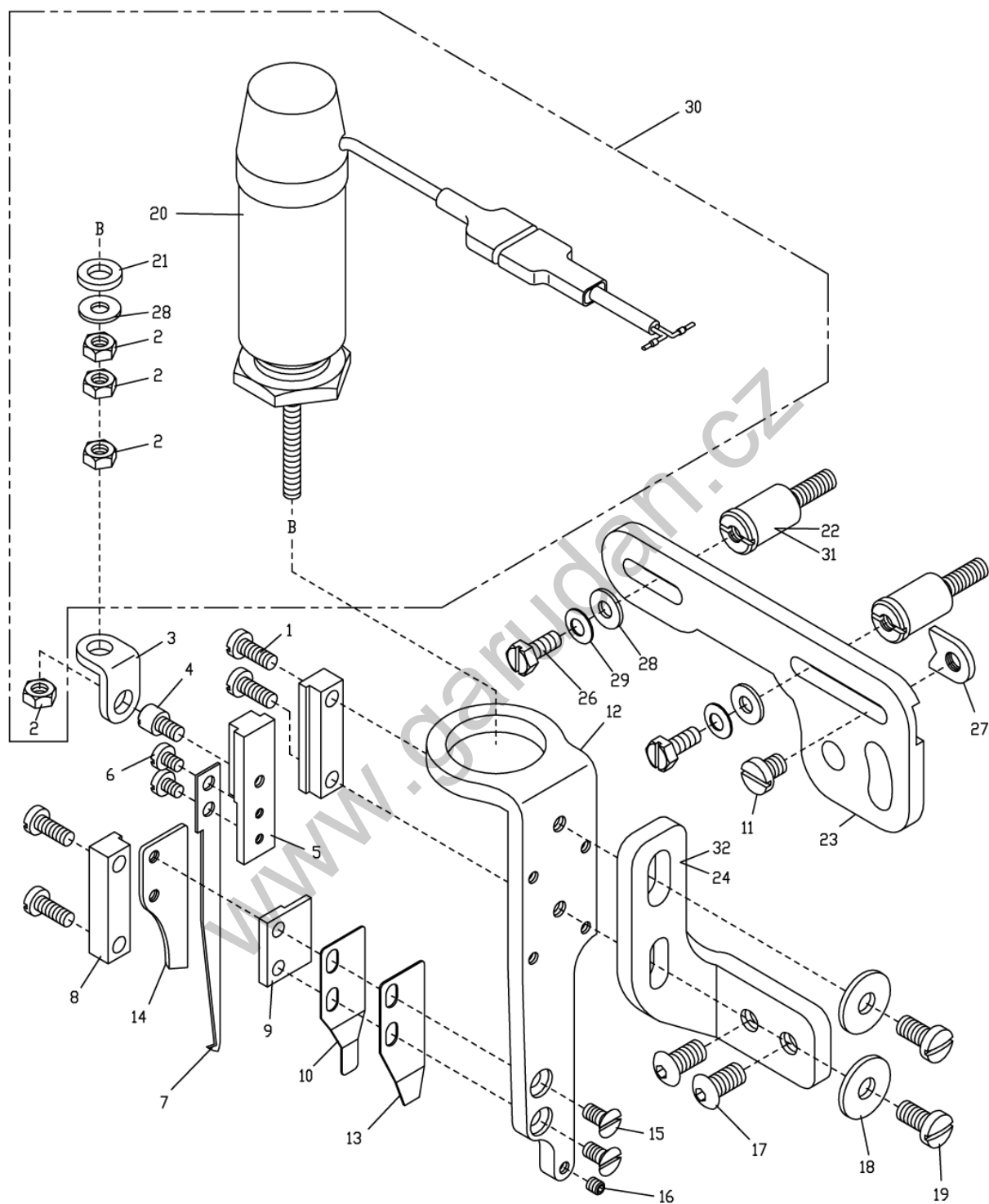
16. ACCESSORIES



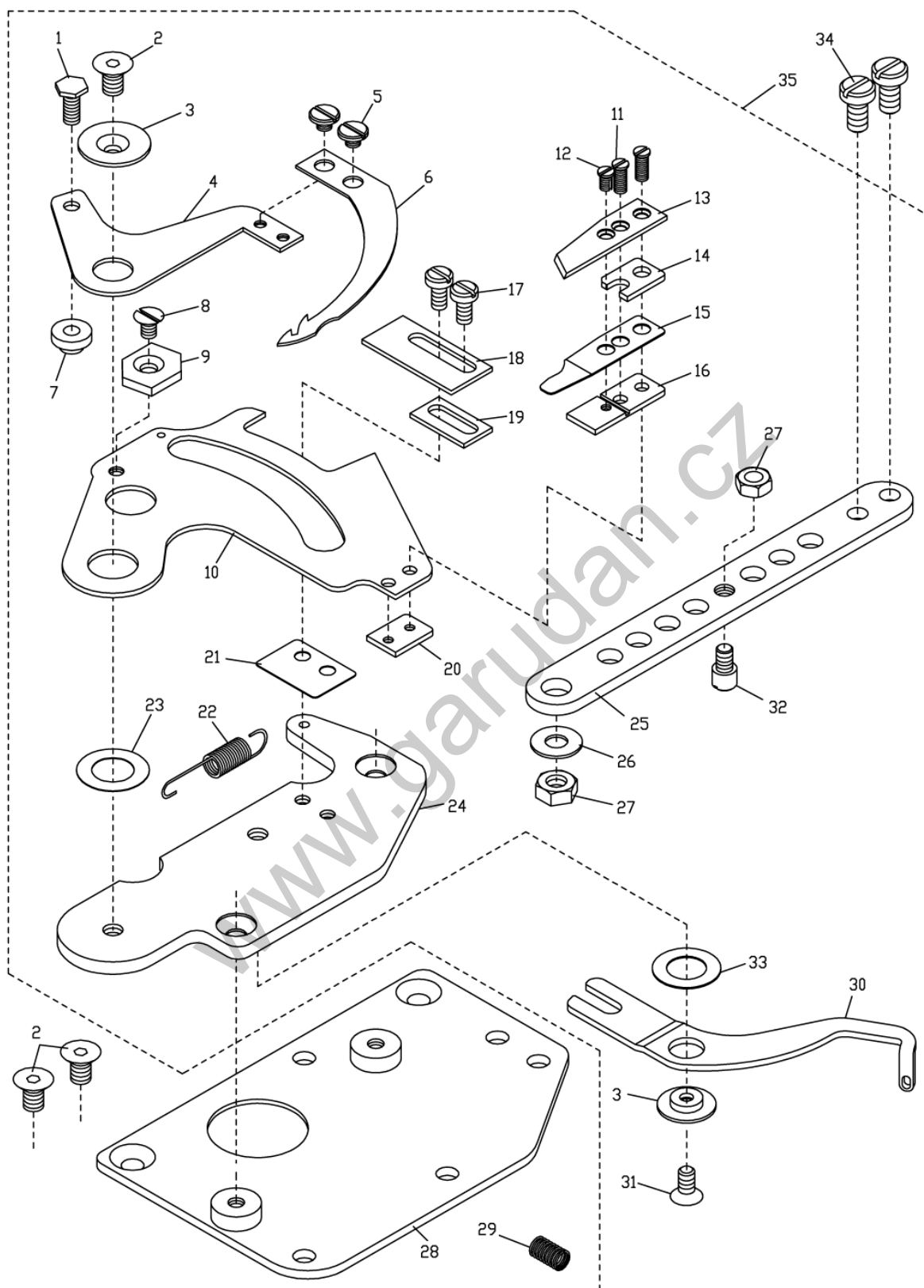
16. ACCESSORIES			
Ref. No.	Parts No.	Description	QTY
*1	-----	Control Box Asm.	1
2	2240001602	Light holder bracket	1
3	2240001603	LED light	1
4	2240001604	Power connector	1
**5	224A0001605	Light Asm.	1
6	2240001606	Holder Bracket	1
7	4UTD000254	Cord Clamp	2
8	/TL001	LED Light Asm.	1
9	66715	Oil Container	1
10	66636	Spanner 3MM	1
11	66637	Spanner 4MM	1
12	66612	Wrench 10MM	1
13	66613	Wrench 7/8MM	1
14	66690	Tweezer	1
15	66725-11-5	Retainer Needle	1
16	66665	Screw Driver (Large)	1
17	66666	Screw Driver (Medium)	1
18	66639	Spanner 1.5MM	1
19	66667	Screw Driver (Small)	1
20	2200001620	Safety Plate Support	1
21	2200001621	Safety Plate Holder	1
22	2200001622	Safety Plate	1
23	8MC06401008E	Screw (M6-1*9.5)	2
24	8SB36400810E	Screw (9/64"-40*7.7)	1
25	8SA36400306A	Nut (9/64"-40*3)	1
26	8MB03200405A	Screw (M3-0.5*4)	2
27	2200000228	Washer	1
28	66857	Fabric Guide (L)	1
29	66858	Fabric Guide (R)	1
30	66451	Paster	1
31	66831	Tools Bag	1
32	220A0001632	Safety Plate Asm.	1
36	66840	Threading Bar	1
37	2100001521	Oil Filter	1
38	66720	Oil Funnel	1
39	66846	Mechine Cover	1
40	66721	Oiler	1
41	66722	Silicon Oil	1
42	4UTB020306	Plastic Binding Wire	2
43	8TE03440806A	Screw	2
44	8MB04281007K	Screw (M4-0.7*10)	1
45	90DW040	Disk Washer	1
	** Must be sold in complete set		

I. SPREAER THREAD TRIMMER COMPONENTS

I. SPREAER THREAD TRIMMER COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	8MB03200806K	Screw (M3-0.5*8)	4
2	8MA04280307A	Nut (M4-0.7*3)	2
3	4STB000103	Joint	1
4	8MB03200505A	Stud (M3-0.5*5)	1
5	4STB000105	Upper Movable Knife Base	1
6	8MB75180205A	Screw (M2.5-0.45*3)	2
7	4STB000107	Upper Movable Knife	1
8	4STB000108	Slide Block	2
9	4STB000109	Knife Guide	1
10	4STB000110	Thread Clamp Spring	1
11	8MA08400311A	Nut	1
12	4STB000112	Cylinder Holder	1
13	4STB000113	Knife Pressure Spring	1
14	4STB000114	Fixed Knife	1
15	8ME03200906A	Screw (M3-0.5*7)	2
16	8MN03200500A	Screw (M3-0.5*5)	1
17	8MP05320810A	Screw (M5-0.8*8)	2
18	2200000908	Washer	2
19	8MC04280807A	Screw (M4-0.7*8)	2
20	4STB000120	Cylinder	1
21	4STB000121	Speed Controller	2
22	4STB020122	Stud	-
23	4STB020123	Knife Holder Bracket	1
24	4STB000124	Knife Holder Bracket	-
25	2100000223	Spring Washer	2
26	8MK04281007A	Screw (M4-0.7*10)	2
27	4STB020127	Knock Block	1
28	4STB00A0127	Cylinder Asm.	1
29	8MB04280508A	Screw (M4-0.7*5.5)	1
30	90DW040	Disk Washer	2
31	4STB030122	Stud	-
32	4STD000124	Knife Holder Bracket	-

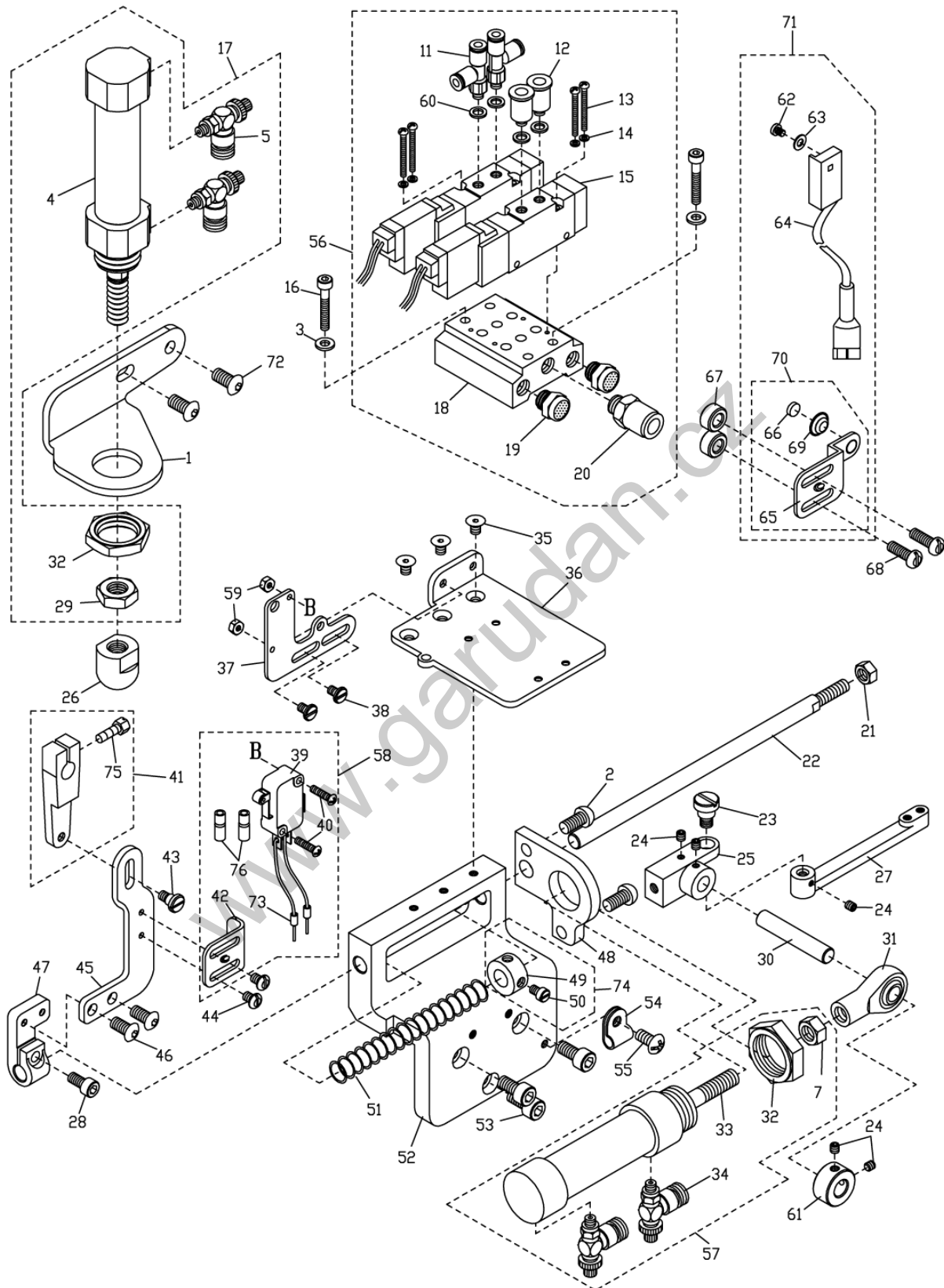
II. SPREAER THREAD TRIMMER COMPONENTS

II. SPREAER THREAD TRIMMER COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	8MB03200806K	Screw (M3-0.5*8)	4
2	8MA04280207A	Nut (M4-0.7*2.5)	4
3	4STB000103	Joint	1
4	8MB03200505A	Stud (M3-0.5*5)	1
5	4STB000105	Upper Movable Knife Base	1
6	8MB75180205A	Screw (M2.5-0.45*2)	2
7	4STB000107	Upper Movable Knife	1
8	4STB000108	Slide Block	2
9	4STB000109	Knife Guide	1
10	4STB000110	Thread Clamp Spring	1
11	8MB04280508A	Screw (M4-0.7*5.5)	1
12	4STC000112	Solenoid Bracket	1
13	4STB000113	Knife Pressure Spring	1
14	4STB000114	Fixed Knife	1
15	8ME03200906A	Screw (M3-0.5*7)	2
16	8MN03200500A	Screw (M3-0.5*5)	1
17	8MP05320810A	Screw (M5-0.8*8)	2
18	2200000908	Washer	2
19	8MC04280807A	Screw (M4-0.7*8)	2
20	4STC0201201	Solenoid	1
21	4STC000121	Rubber Cushion	1
22	4STB020122	Stud	-
23	4STB020123	Knife Holder Bracket	1
24	4STB000124	Knife Holder Bracket	-
26	8MK04281007A	Screw (M4-0.7*10)	2
27	4STB020127	Knock Block	1
28	2100000223	Spring Washer	3
29	90DW040	Disk Washer	2
30	4STC02A0130	Solenoid Asm.	1
31	4STB030122	Stud	-
32	4STD000124	Knife Holder Bracket	-

III. UNDER TRIMMER COMPONENTS

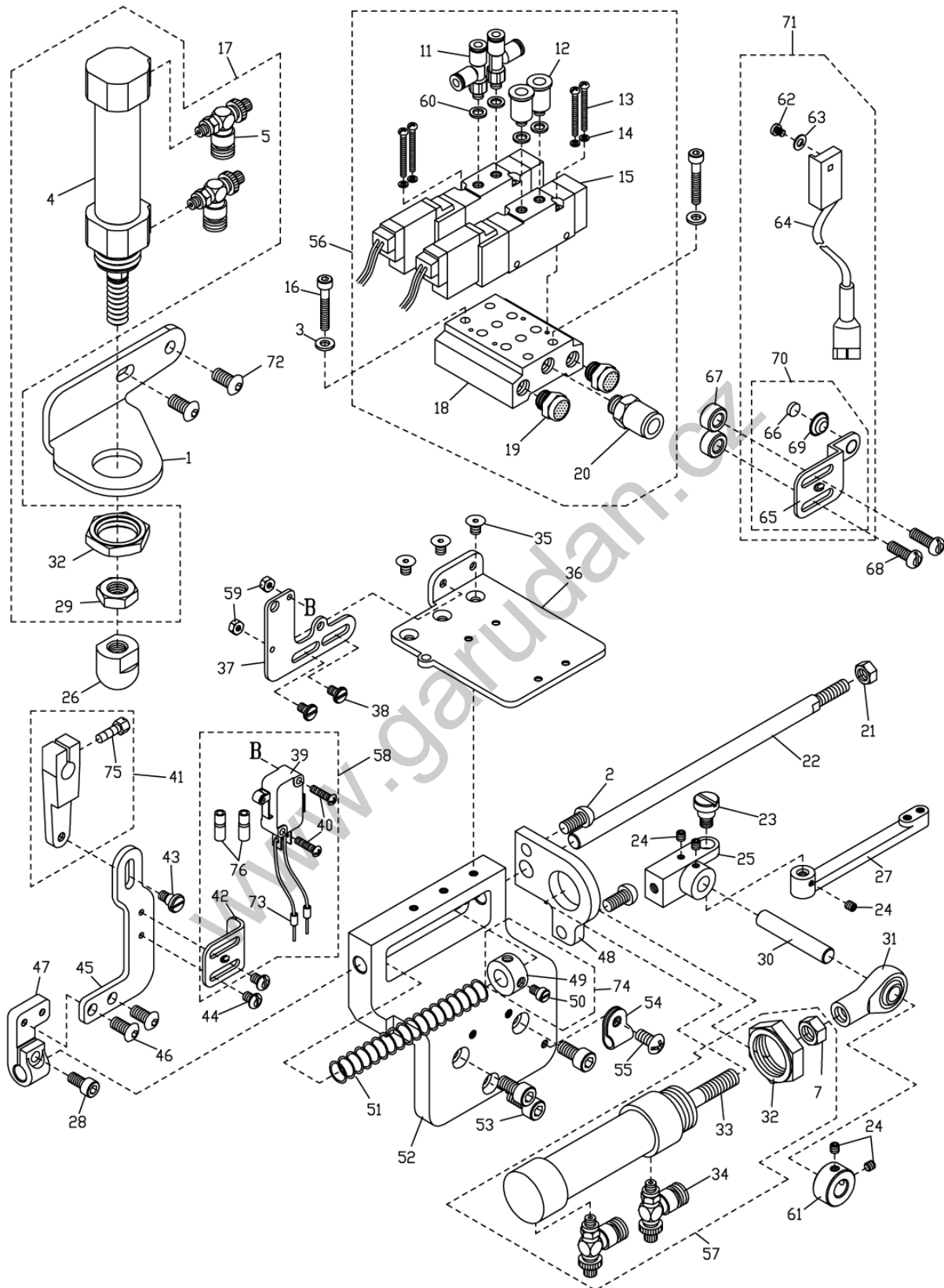
III. UNDER TRIMMER COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	4UTD000101	Screw	1
2	8MQ04280808A	Screw (M4-0.7*8)	3
3	4UTD000103	Adjusting Ring	2
4	4UTD000104	Lower Knife Carrier	1
5	8MB03200306A	Screw (M3-0.5*3)	2
6	4UTD000106	Lower Movable Knife	1
7	4UTD000107	Ring	1
8	8ME03200506A	Screw (M3-0.5*5)	1
9	4UTD000109	Stop Plate	1
10	4UTD000110	Lower Knife Holder	1
11	4UTD000111	Screw	2
12	4UTD000112	Screw	1
13	4UTD000113	Lower Fixed Knife	1
14	4UTD000114	Upper Knife Carrier	1
15	4UTD000115	Clamp Spring	1
16	4UTD0001161	Clamp Spring Adjusting Piece	1
17	8MB03200506K	Screw (M3-0.5*5)	2
18	4UTD000118	Upper Knife Carrier Stop	1
19	4UTD000119	Carrier Stop	1
20	4UTD000120	Clamp Spring Pressure Holde	1
21	4UTD000121	Stop Washer	2
22	4UTD000122	Spring	1
23	4UTD000123	Space Washer	1
24	4UTD000124	Trimming Device Basement	1
25	4UTD0001251	Connecting Rod	1
26	2100000223	Washer	1
27	8MA04280307A	Nut (M4-0.7*3)	2
28	4UTD0001281	Oil filter Cover	1
29	4UTB010141	Spring	1
30	4UTD010130	Release Wedge	1
31	8MQ04280608A	Screw (M4-0.7*6)	1
32	8MB04280606A	Screw (M4-0.7*6)	1
33	4UTD000133	Washer	1
34	8MB04280807K	Screw (M4-0.7*8)	2
35	4UTD00A0124	Under Trimmer Components	1

IV. COMPRESSED AIR COMPONENTS (1/2)



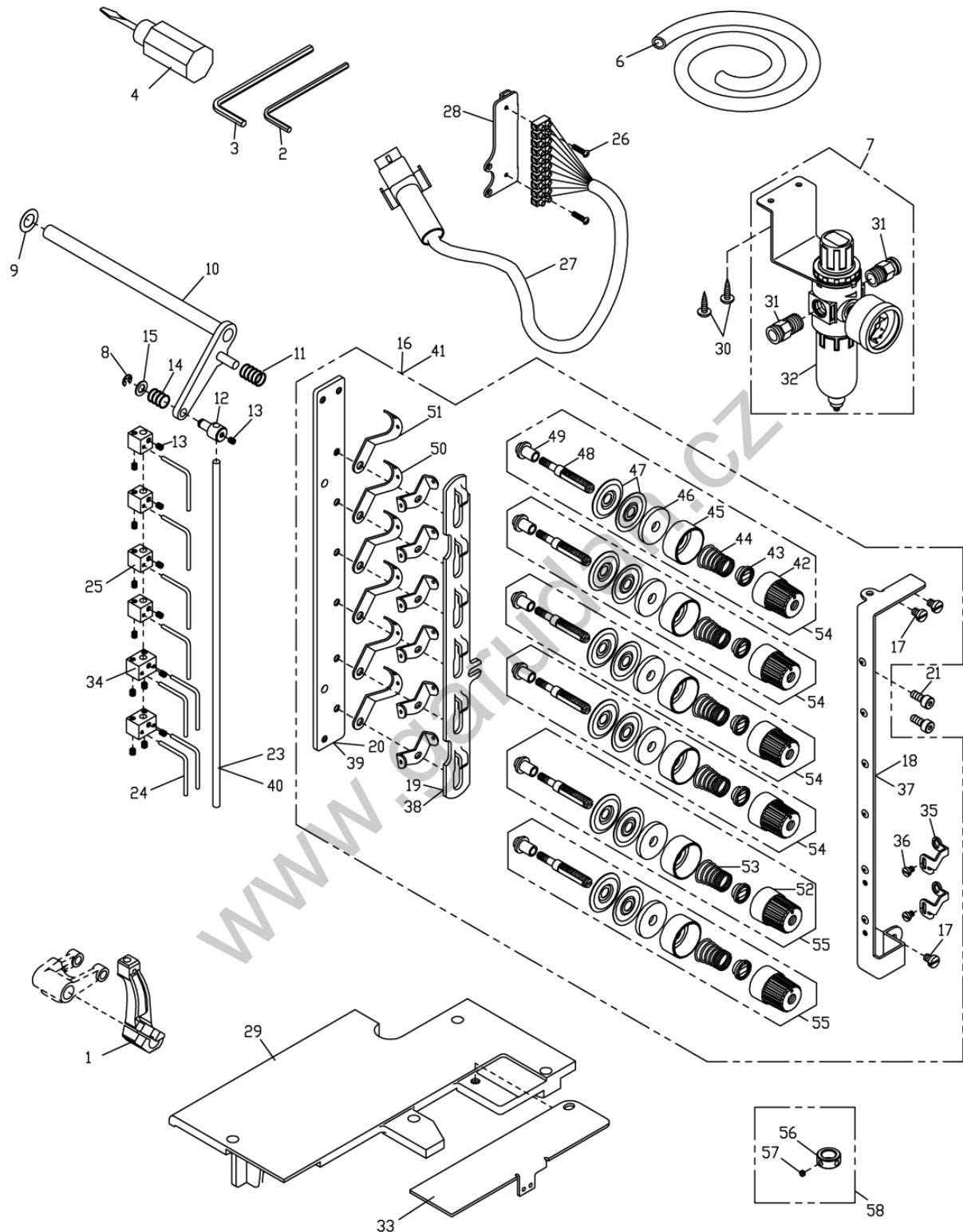
IV. COMPRESSED AIR COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	4UTB030216	Bracker	1
2	8MP06401211A	Screw (M6-1*12)	2
3	90SW040	Spring Washer	2
4	4UTB030223	Cylinder	1
5	4UTB000305	Speed Controller	2
7	8MA08500613A	Nut (M8-1.25*6)	1
11	4UTB010311	Connector	2
12	4UTB010312	Connector	2
13	4UTB010313	Screw (M2.5*0.45*25)	4
14	4UTB010314	Spring Washer	4
15	4UTB010315	Electromagnetic Valve	2
16	8MM04282507B	Screw (M4-0.7*25)	2
17	4UTB03A0217	Cylinder Asm	1
18	4UTB010318	Electromagnetic Valve Base	1
19	4UTG010319	Silencer	2
20	4UTB020266	Elbow Connector	1
21	8MA08500513A	Nut (M8-1.25*5)	1
22	4UTD000222	Shaft	1
23	4UTD000223	Stud	1
24	8MN04280400A	Screw (M4-0.7*4)	5
25	4UTD000225	Plunger	1
26	4PFE010113	Clutch Sleeve	1
27	4UTD0002271	Connecting Rod	1
28	8MM05321209A	Screw (M5-0.8*12)	1
29	8MA10600617A	Nut	1
30	4UTB0003251	Shaft	1
31	4UTD000231	Plunger Connecting Rod	1
32	8MA22600627A	Nut	2
33	4UTD000233	Cylinder	1
34	4UTB000344	Speed Controller	2
35	8MQ04280808A	Screw (M4-0.7*8)	3
36	4UTD020236	Base	1
37	4UTC020114	Safety Switch Bracket	1
38	8MB04280507K	Screw (M4-0.7*5)	2

IV. COMPRESSED AIR COMPONENTS (2/2)



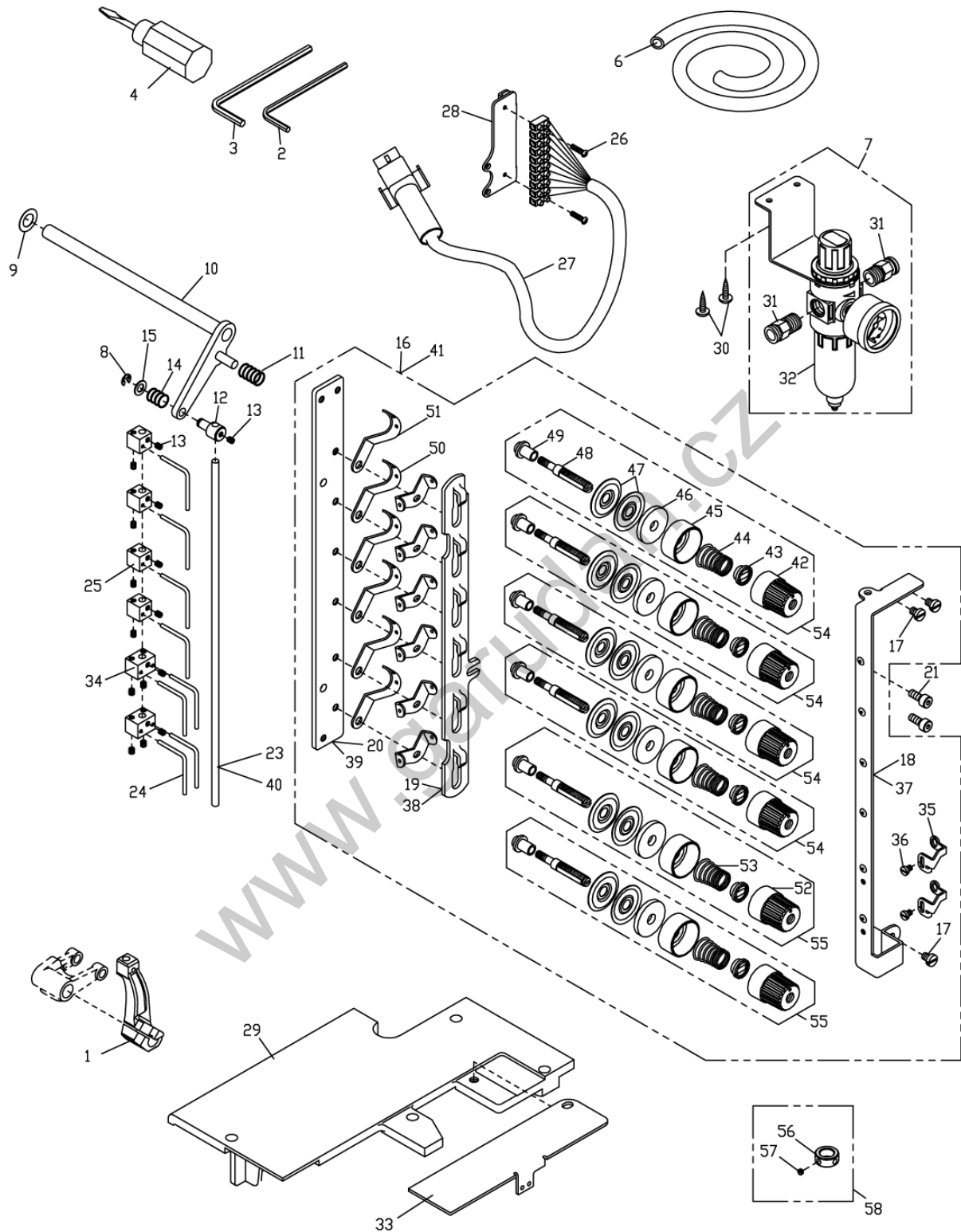
IV. COMPRESSED AIR COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
39	4UTB000336	Safety Switch	1
40	8MC03201606D	Screw (M3-0.5*16)	2
41	4UTB010337	Tension Release Lever	1
42	4UTB020212	Stopper	1
43	8MB04280908G	Stud (M4-0.7*8)	1
44	8MB04280507K	Screw (M4-0.7*5)	2
45	4UTD020245	Connecting Plate	1
46	8MP05320810A	Screw (M5-0.8*8)	2
47	4UTD020247	Connecting Block	1
48	4UTD000248	Cylinder Barcket	1
49	4UTB010245	Collar	1
50	8MC95300606F	Screw (M4.5-0.75*5)	1
51	4UTB000346	Spring	1
52	4UTD000252	Trimming Cylinder Support	1
53	8MM06401210A	Screw (M6-1*12)	3
54	4UTD000254	Cord Clamp	1
55	8MC04280807D	Screw (M4-0.7*8)	1
56	4UTB01A03491	Electromagnetic Valve Asm.	1
57	4UTD01A0257	Cyliner Asm	1
58	4UTB02A0255	One Touch Type Safety Switch SET.	1
59	8MA03200306A	Nut (M3-0.5*3)	2
60	4UTB010353	Washer	4
61	4UTB010152	Collar	1
*62	8SB44400507A	Screw	1
*63	2200001025	Washer	1
*64	4UTB020256	Safety Switch	1
*65	4UTB020259	Knife Holder Bracket	1
*66	4UTB000444	Magnet	1
*67	2200001141	Spacer	2
*68	8MB04281207K	Screw (M4-0.7*12)	2
*69	4UTB020250	Brass Button	1
*70	4UTB02A0249	Knife Holder Bracket Asm.	1
*71	4UTB02A0253	Magnetic Type Safety Switch SET.	1
72	8MP06401211A	Screw (M6-1*12)	2
73	4UTB020272	Power cord	2
74	4UTB01A0255	Collar Asm	1
75	8MK95301407A	Screw (M4.5-0.75*14)	1
76	4UTB020228	Bushing	2

V. THREAD TENSION COMPONENTS AND MOTOR COMPONENTS (1/2)



V. THREAD TENSION COMPONENTS AND MOTOR COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
1	4UTD0003511	Rocker Arm	1
2	66635	Allen Key 2MM	1
3	66640	Allen Key 2.5MM	1
4	66668	Screwdriver	1
*6	4UTB010430	Air Tube	1
*7	4UTB00A04582	Regulator Asm.	1
8	90ER030	E Ring	1
9	4UTB010459	Washer	1
10	4UTB000410	Tension Release Shaft	1
11	4UTB000411	Spring	1
12	4UTB000412	Pin	1
13	8MN03200300A	Screw (M3-0.5*3) (see the table)	-
14	4UTB000414	Spring	1
15	2200001025	Washer	1
16	4UTB02A0349	Theard Tension Mechanism	1
17	8MB04280507K	Screw (M4-0.7*5)	-
18	4UTB000418	Thread Guide Eyelet	1
19	4UTB000419	Release Wedge	1
20	4UTB000420	Tension Post Support	1
21	8MM04281007A	Screw (M4-0.7*10)	2
23	4UTB000423	Guide Bar	1
24	4UTB000424	Release Bar (see the table)	-
25	4UTB000425	Thread Pull-off Block (see the table)	-
26	8MC03201006D	Screw (M3-0.5*10)	2
27	4UTB000427	Terminal Holder	1
28	4UTD000328	Terminal Holder Support	1
29	4UTD0003291	Rear Cover	1
*30	8WD30000015B	Wood Screw	2
*31	4UTB010456	8mm Connector	2
*32	4UTB0004321	Regulator	1
33	4UTD0003091	Dust Cover	1
34	4UTB000434	Thread Pull-off Block (see the table)	-
35	4UTB000	Thread Guide Eyelet	2
36	8MB03200306X	Screw (M3-0.5*3)	2
37	4UTB040318	Thread Guide Eyelet	1
38	4UTB040319	Release Wedge	1
39	4UTB040320	Tension Post Support	1
40	4UTB040323	Guide Bar	1
41	4UTB04A0349	Theard Tension Mechanism	1

V. THREAD TENSION COMPONENTS AND MOTOR COMPONENTS (2/2)



V. THREAD TENSION COMPONENTS AND MOTOR COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
42	2100001121	Tension Nut (Red) (see the table)	-
43	2200000303	Bushing (see the table)	-
44	2100001123	Spring (Red) (see the table)	-
45	2200000305	Spring Seat (see the table)	-
46	2100001127	Felt (see the table)	-
47	2100001126	Tension Disc (see the table)	-
48	22000003081	Stud (see the table)	-
49	22000003091	Spacer (see the table)	-
50	2200000311	Thread Guide (see the table)	-
51	2200000312	Thread Guide (see the table)	-
52	2100001121A	Tension Nut (Yellow) (see the table)	-
53	2100041131	彈簧 Spring (Yellow) (see the table)	-
54	231A0001922	Tension Asm. (Red) (see the table)	-
55	220A0000315	Tension Asm. (Yellow) (see the table)	-
56	2200000812	Stop Collar	1
57	8MH85240300A	Screw (M3.5-0.6*3)	2
58	220A0000839	Collar Asm.	1

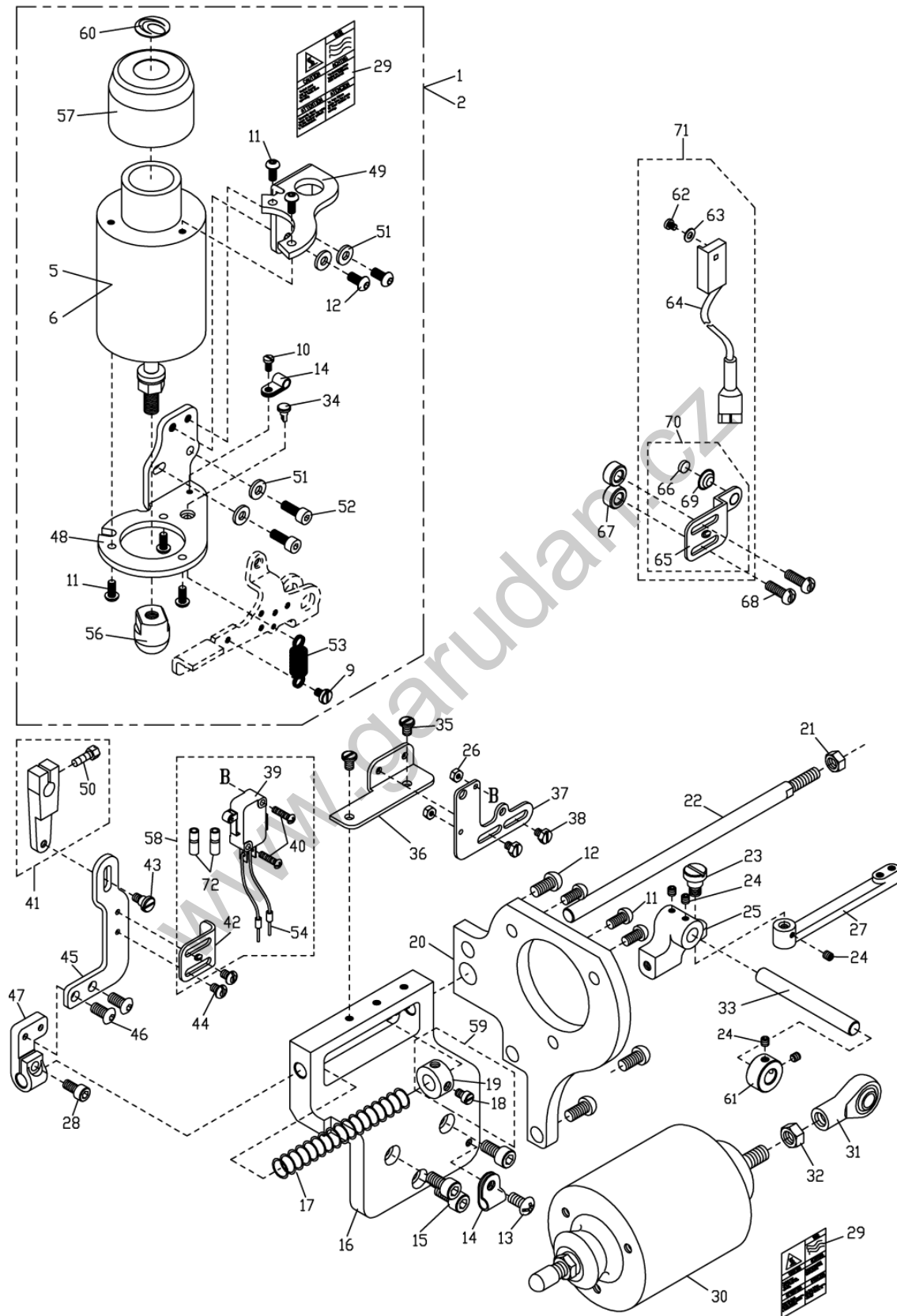
Number of needle\ Ref. No.	13	24	25	34	16	17	18	19	20	23	42	43
2 Needle without Spreader	8pcs.	4pcs.	2pcs.	1pcs.	1pcs.	2pcs.	1pcs.	1pcs.	1pcs.	1pcs.	3	3
3 Needle without Spreader	10pcs.	5pcs.	3pcs.	1pcs.								
2 Needle with Spreader	11pcs.	6pcs.	2pcs.	2pcs.								
3 Needle with Spreader	13pcs.	7pcs.	3pcs.	2pcs.								

Number of needle\ Ref. No.	44	45	46	47	48	49	50	51	52	53	54	55
2 Needle without Spreader	5	5	5	10	5	5	5	5	2	2	3	2
3 Needle without Spreader												
2 Needle with Spreader												
3 Needle with Spreader												

Number of needle\ Ref. No.	13	17	24	25	34	37	38	39	40	41	42	43
4 Needle without Spreader	12pcs.	3pcs.	6pcs.	4pcs.	1pcs.	1pcs.	1pcs.	1pcs.	1pcs.	1pcs.	4	4
4 Needle with Spreader	15pcs.		8pcs.	4pcs.	2pcs.							

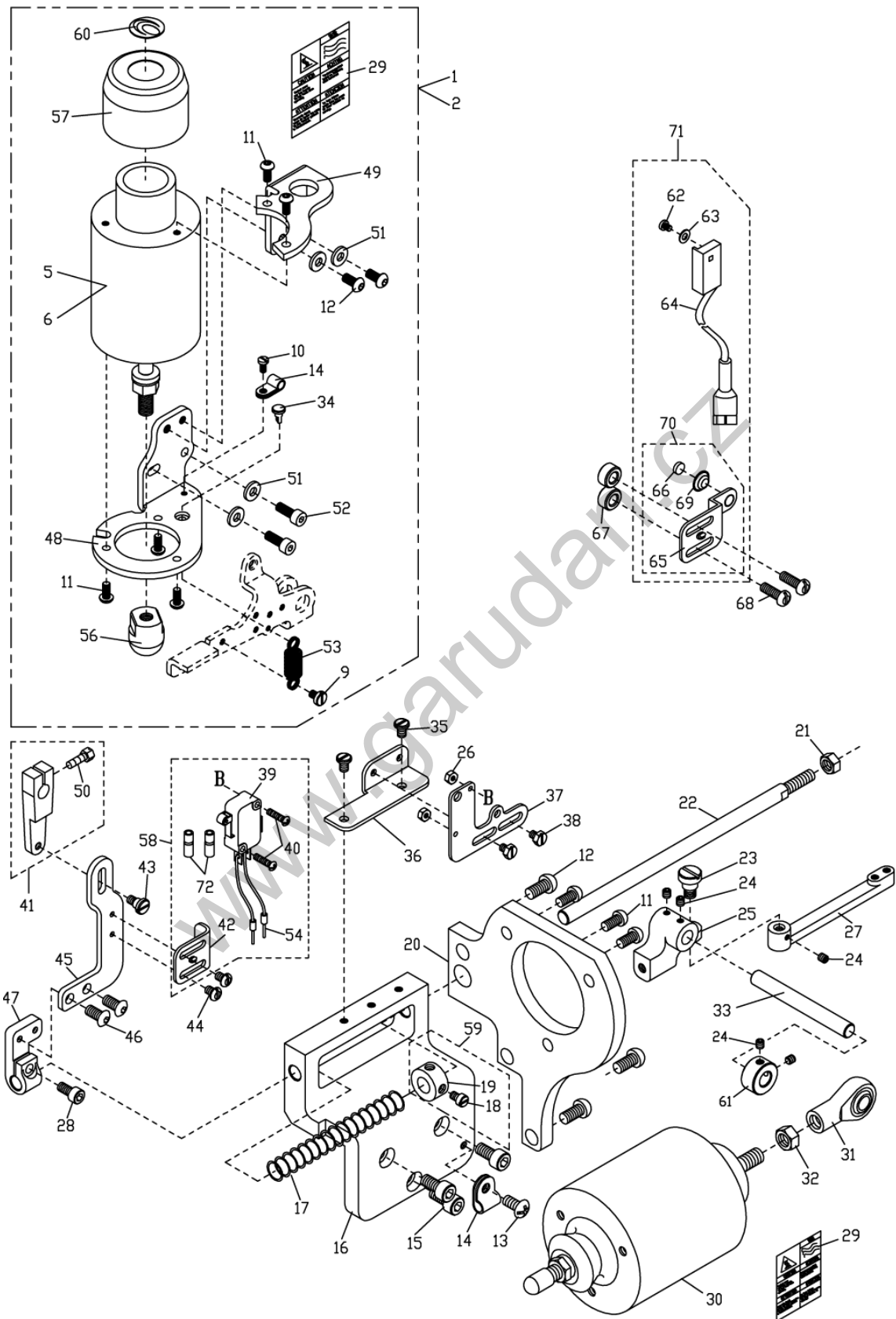
Number of needle\ Ref. No.	44	45	46	47	48	49	50	51	52	53	54	55
4 Needle without Spreader	6	6	6	12	6	6	6	6	2	2	4	2
4 Needle with Spreader												

VI. ELECTRIC TYPE COMPONENTS (1/2)

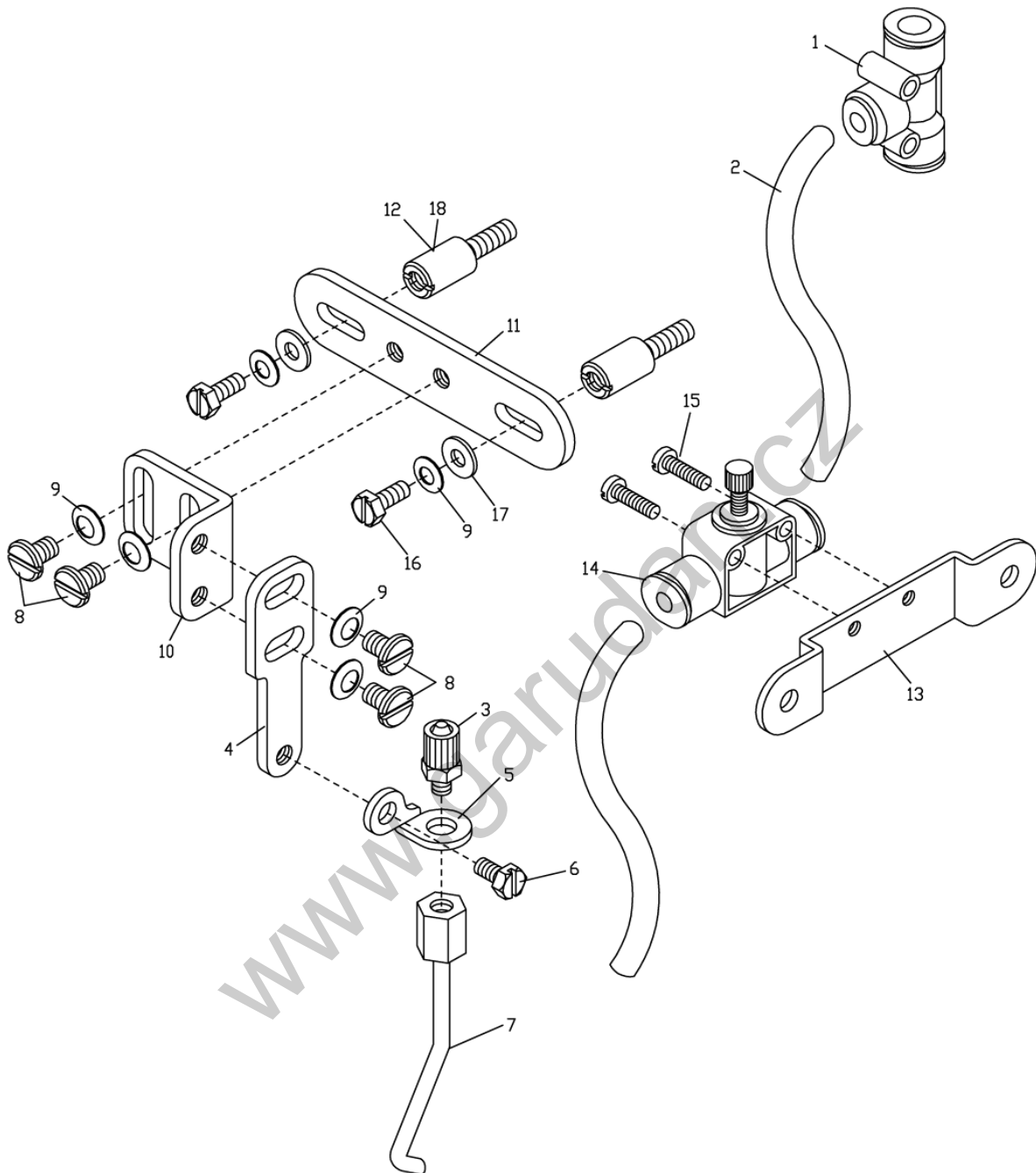


VI. ELECTRIC TYPE COMPONENTS (1/2)			
Ref. No.	Parts No.	Description	QTY
**1	PFE2P	Presser Foot Lifter,C.Set	1
2	PFE02	Presser Foot Lifter,C.Set	1
5	4PFE010101	Presser Foot Lifter Solenoid	1
**6	4PFE1P0121	Presser Foot Lifter Solenoid	1
9	8MB05320710G	Screw (M5-0.8*7)	1
10	8MC04280807A	Screw (M4-0.7*8)	1
11	8MP05321210A	Screw (M6-1*11.5)	8
12	8MP06401211A	Screw (M6-1*12)	5
13	8MC04280807D	Screw (M4-0.7*8)	2
14	4UTD000254	Cord Clamp	2
15	8MM06401210A	Screw (M6-1*12)	3
16	4UTD000252	Trimming Cylinder Support	1
17	4UTC000112	Spring	1
18	8MC95300606F	Screw (M4.5-0.75*5)	1
19	4UTB010245	Collar	1
20	4UTE0001201	Solenoid Barcket	1
21	8MA08500513A	Nut (M8-1.25*5)	1
22	4UTD000222	Shaft	1
23	4UTD000223	Stud	1
24	8MN04280400A	Screw (M4-0.7*4)	5
25	4UTE000125	Plunger	1
26	8MA03200306A	Nut (M3-0.5*3)	2
27	4UTD0002271	Connecting Rod	1
28	8MM05321209A	Screw (M5-0.8*12)	1
29	4UTC000139	Paster	2
30	4UTC0001301	Solenoid	1
31	4UTB010326	Plunger Connecting Rod	1
32	8MA08500613A	Nut (M8-1.25*6)	1
33	4UTC0001251	Shaft	1
34	4PFE020102	Joint	1
35	8MB04280607K	Screw (M4-0.7*6)	2
36	4UTD030203	Base	1
37	4UTC020114	Safety Switch Bracket	1
38	8MK04280507A	Screw (M4-0.7*5)	2

VI. ELECTRIC TYPE COMPONENTS (2/2)

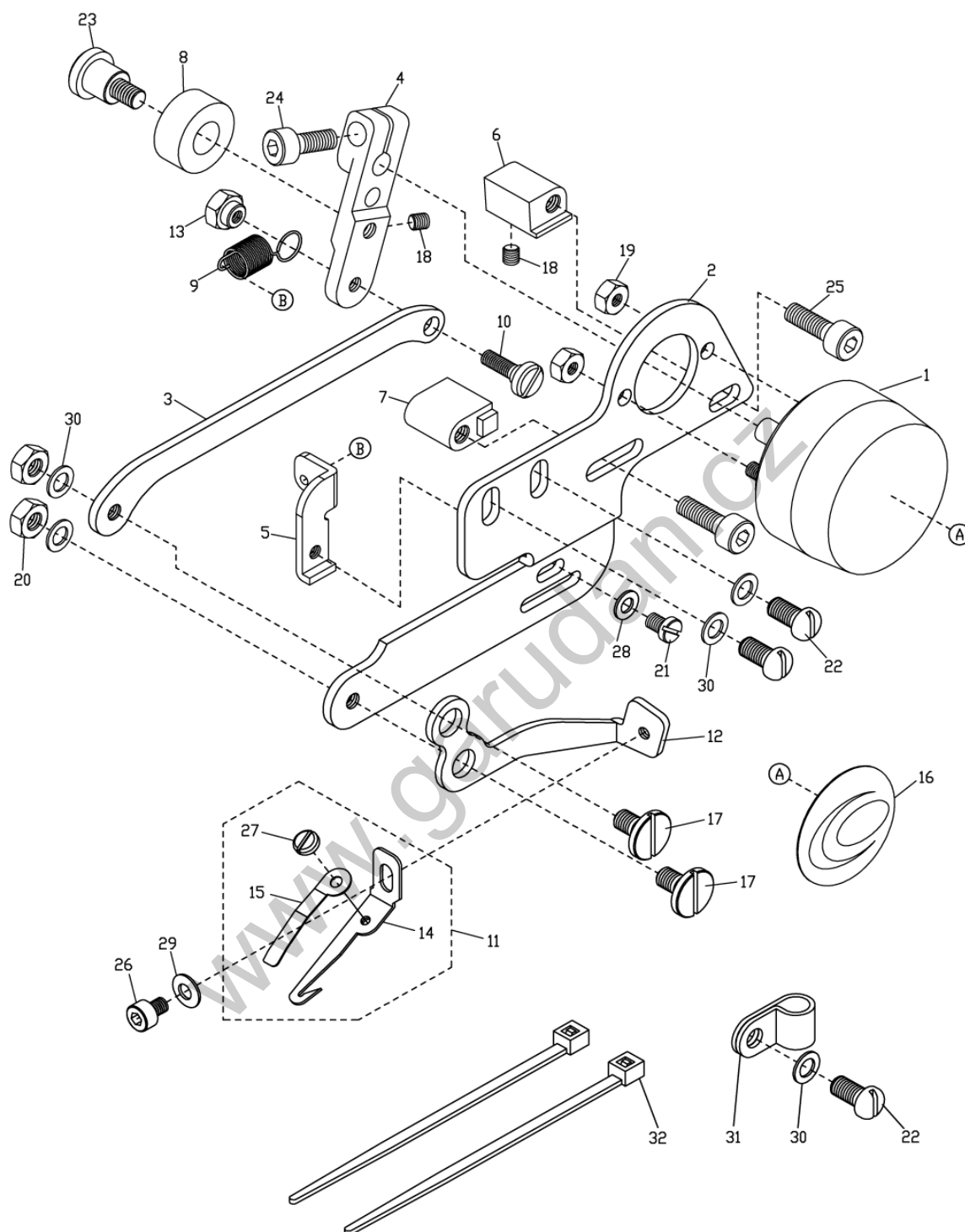


VI. ELECTRIC TYPE COMPONENTS (2/2)			
Ref. No.	Parts No.	Description	QTY
39	4UTB000336	Safety Switch	1
40	8MC03201606D	Screw (M3-0.5*16)	2
41	4UTB010337	Tension Release Lever	1
42	4UTB020212	Stopper	1
43	8MB04280908G	Stud (M4-0.7*8)	1
44	8MB04280507K	Screw (M4-0.7*5)	2
45	4UTD020245	Connecting Plate	1
46	8MP05320810A	Screw (M5-0.8*8)	2
47	4UTD020247	Connecting Block	1
48	4PFE020103	Bracker	1
49	4PFE020104	Bracker	1
50	8MK95301407A	Screw (M4.5-0.75*14)	1
51	2100000323	Washer	4
52	8MM06401610A	Screw (M6-1*16)	2
53	4PFE010106	Spring	1
54	4UTB020272	Power cord	2
56	4PFE010113	Clutch Sleeve	1
57	4PFE010119	Cover	1
58	4UTB02A0255	One Touch Type Safety Switch SET.	1
59	4UTB01A0255	Collar Asm.	1
60	66480-11	Plate	1
61	4UTB010152	Collar	1
*62	8SB44400507A	Screw	1
*63	2200001025	Washer	1
*64	4UTB020256	Safety Switch	1
*65	4UTB020259	Knife Holder Bracket	1
*66	4UTB000444	Magnet	1
*67	2200001141	Spacer	2
*68	8MB04281207K	Screw (M4-0.7*12)	2
*69	4UTB020250	Brass Button	1
*70	4UTB02A0249	Knife Holder Bracket Asm.	1
*71	4UTB02A0253	Magnetic Type Safety Switch SET.	1
72	4UTB020228	Bushing	2
	* For Magnetic Type Safety Switch SET		
	* Should be used together with AC servo motor (Model : i60,i70)		

VII. AIR-WIPE COMPONENTS

VII. AIR-WIPE COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	4WPC000101	T Connector	1
2	4WPC000102	Air Tube	2
3	4WPC000103	Controller	1
4	4WPC000104	Holder Arm	1
5	4WPC000105	Holder Bracket	1
6	8MK04280507A	Screw (M4-0.7*5)	1
7	4WPC000107	Blow Tube	1
8	8MB04280608A	Screw (M4-0.7*6)	4
9	90DW040	Dick Washer	6
10	4WPC000110	Connecting Bracket	1
11	4WPC000111	Knife Holder Bracket	1
*12	4STB020122	Stud	2
13	4WPC000113	Holder Bracket	1
14	4WPC000114	Speed Controller	1
15	8MC03201606D	Screw (M3-0.5*16)	2
16	8MK04281007A	Screw (M4-0.7*10)	2
17	90PW040	Spring Washer	2
**18	4STB030122	Stud	2

VIII. THREAD-WIPE COMPONENTS



VIII. THREAD-WIPE COMPONENTS			
Ref. No.	Parts No.	Description	QTY
1	4WPG010101	Wiper Solenoid	1
2	4WPH010102	Solenoid Support	1
3	4WPG0101031	Arm	1
4	4WPG010104	Driving Lever	1
5	4WPG010105	Solenoid Support	1
6	4WPG010106	Stop Block	1
7	4WPG010107	Stop Block	1
8	4WPG010108	Rubber cushion	1
9	4WPG010109	Spring	1
10	4WPG010110	Stud	1
11	4WPG01A0111	Hook Asm	1
12	4WPH010112	Arm	1
13	4WPG010113	Nut	1
14	4WPG010114	Hook	1
15	4WPG010115	Latch Spring	1
16	66480-18	Plate	1
17	8MB04280810G	Stud	2
18	8MN03200300A	Screw (M3-0.5*3)	2
19	8MA03200306A	Nut (M3-0.5*3)	2
20	8MA04280307A	Nut (M4-0.7*3)	2
21	8MB03200606K	Screw (M3-0.5*6)	1
22	8MB04280807K	Screw (M4-0.7*8)	3
23	8MB04281210E	Stud	1
24	8MM04281007A	Screw (M4-0.7*10)	1
25	8MM04281207A	Screw (M4-0.7*12)	2
26	8MM03200406A	Screw (M3-0.5*4)	1
27	8SB24560205A	Screw (3/32"-56*2)	1
28	90PW030	Washer	1
29	90DW030	Disk Washer	1
30	90DW040	Disk Washer	5
31	4UTD000254	Cord Clamp	1
32	4UTB020306	Plastic Binding Wire	2

GAUGE PARTS LIST

FTD7000 GAUGE PARTS LIST

FTD7000-0-0 □□□M
FTD7000-0-□□□M

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle m.m										
2	4.0	5222TP00401	5221FD00567 5221DC00021	5221DF00563	5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.8	5220TP00484	5221FD00567 5221DC00021	5221DF00563	5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	4.8	5220TP00484	5221FD00567 5221DC00021	5221DF00563	5220NC00485	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5220TP00564	5221FD00567 5221DC00021	5221DF00563	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5220TP00644	5221FD00646 5221DC00021	5221DF00643	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000-0-0 □□□H
FTD7000-0-□□□H

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle m.m										
2	4.0	5222TP00400	5221FD00567 5221DC00021	5221DF00563	5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 14
2	4.8	5222TP00480	5221FD00567 5221DC00021	5221DF00563	5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	4.8	5222TP00480	5221FD00567 5221DC00021	5221DF00563	5220NC00485	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5220TP00566	5221FD00567 5221DC00021	5221DF00563	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5220TP00644	5221FD00646 5221DC00021	5221DF00643	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000 GAUGE PARTS LIST

FTD7000-0-0 □□□□W
FTD7000-0-0 □□□□W

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle										
3	5.6	5220TP00568	5220PF00564	5221DF00563 5221DG00211	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
3	6.4	5220TP00646	5220PF00644	5221F000646 5221DG00221	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000-0-0 □□□□L
FTD7000-0-0 □□□□L

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle										
2	4.0	5222TP00402	5220PF00404	5221F000567 5221DG00211	5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.8	5222TP00481	5220PF00484	5221F000567 5221DG00211	5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	4.8	5222TP00481	5220PF00485	5221F000567 5221DG00211	5220NC00485	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5222TP00560	5220PF00564	5221F000567 5221DG00211	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5222TP00640	5220PF00644	5221F000646 5221DG00221	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000 GAUGE PARTS LIST

FTD7003-0-0□□□M
FTD7003-0-□□□M

Main Parts		Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle	m.m										
		2	5222TP03321	5222PF03321	5223FJ03562 5223DF03563 5223DF00001	5221NC15320					UY128GAS # 11
		2	5222TP03401	5222PF03401	5223FJ03562 5223DF03563 5223DF00001	5220NC00400					
		2	5222TP03481	5222PF03481	5223FJ03562 5223DF03563 5223DF00001	5220NC00480	5221SL00560	5221LL00561	5221NG00561		
		3	5222TP03561	5222PF03561	5223FJ03562 5223DF03563 5223DF00001	5227NC00560					
		3	5222TP03641	5222PF03641	5223FJ03562 5223DF03563 5223DF00001	5227NC00640					

FTD7003-1-0□□□M
FTD7003-1-□□□M

Main Parts		Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle	m.m										
		2	5222TP03321	5222PF03321	5223FJ03563 5223DF03561 5223DF00001	5221NC15320					UY128GAS # 11
		2	5222TP03401	5222PF03401	5223FJ03563 5223DF03561 5223DF00001	5220NC00400					
		2	5222TP03481	5222PF03481	5223FJ03563 5223DF03561 5223DF00001	5220NC00480	5221SL00560	5221LL00561	5221NG00561		
		3	5222TP03561	5222PF03561	5223FJ03563 5223DF03561 5223DF00001	5227NC00560					
		3	5222TP03641	5222PF03641	5223FJ03563 5223DF03561 5223DF00001	5227NC00640					

FTD7000 GAUGE PARTS LIST

FTD7008-2-0100M

Main Parts		Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle mm											
1	-	5228TP08000	5228PF08000	5228FD08001 5228DF08000 5228DG00031		5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS #11

FTD7011-0-0 □□□M
FTD7011-0- □□□M

Main Parts		Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle mm											
2	4.0	5222TP00401	5222PF11400	5222FD00567 5222DF00563 5222DG00211		5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.8	5220TP00484	5222PF11480	5222FD00567 5222DF00563 5222DG00211		5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5220TP00564	5222PF11560	5222FD00567 5222DF00563 5222DG00211		5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5220TP00642	5222PF11640	5222FD00646 5222DF00643 5222DG00221		5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000 GAUGE PARTS LIST

FTD7013-0-□□□M

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle mm										
2	4.0	5222TP13403	5220PF00404	522IF000567 5221DG00211	5220NC00400	5221SL00560	5221LL00561	522ING00561	522ING00562	UY128GAS # 11
2	4.8	5222TP13483	5220PF00484	522IF000567 5221DG00211	5220NC00480	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	4.8	5222TP13483	5220PF00485	522IF000567 5221DG00211	5220NC00485	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	5.6	5222TP13563	5220PF00564	522IF000567 5221DG00211	5227NC00560	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	6.4	5222TP13643	5220PF00644	522IF000646 5221DG00261	5227NC00640	5221SL00560	5221LL00561	522ING00561	522ING00562	

FTD7013-1-□□□M

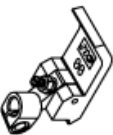
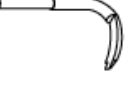
Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle mm										
2	4.0	5222TP13404	5220PF00404	522IF000567 5221DG00251	5220NC00400	5221SL00560	5221LL00561	522ING00561	522ING00562	UY128GAS # 11
2	4.8	5222TP13484	5220PF00484	522IF000567 5221DG00251	5220NC00480	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	4.8	5222TP13484	5220PF00485	522IF000567 5221DG00251	5220NC00485	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	5.6	5222TP13564	5220PF00564	522IF000567 5221DG00251	5227NC00560	5221SL00560	5221LL00561	522ING00561	522ING00562	
3	6.4	5222TP13644	5220PF00644	522IF000646 5221DG00261	5227NC00640	5221SL00560	5221LL00561	522ING00561	522ING00562	

FTD7000 GAUGE PARTS LIST

FTD7013-2- □□□M

Main Parts											
Needle	m.m	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
2	4.0	5222TP13402	5220PF00404	5221F00567 5221DG0021	5221DF00563	5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.8	5222TP13482	5220PF00484	5221F00567 5221DG0021	5221DF00563	5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	4.8	5222TP13482	5220PF00485	5221F00567 5221DG0021	5221DF00563	5220NC00485	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5222TP13562	5220PF00564	5221F00567 5221DG0021	5221DF00563	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5222TP13642	5220PF00644	5221F00646 5221DG0021	5221DF00643	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7015-0-0232M

Main Parts											
Needle	m.m	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
2	3.2	5221TP15320	5221PF15320	5221F00567 5221DG0021	5221DF15320	5221NC15320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS #11

FTD7000 GAUGE PARTS LIST

FTD7060-0-4□□M

Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle										
4	5.2	5227TP60520	5221PF60520	5221F000646 5221JG00021	5221DF000643	5221SL00560	5221LL00561	5221NG00561	5221NG00562	MY1014B # 11
4	5.6	5227TP60560	5221PF60560	5221F000646 5221JG00021	5221DF000643	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
4	6.0	5227TP60600	5221PF60600	5221F000646 5221JG00021	5221DF000643	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
4	6.4	5227TP60640	5221PF60640	5221F000646 5221JG00021	5221DF000643	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

*OPTION-MAKE TO ORDER

FTD7069-4-□□□M

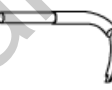
Main Parts	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle										
2	3.2	5228TP69321	5228PF69321	5228F069561 5228JG00051	5228DF69320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.0	5228TP69401	5228PF69401	5228F069561 5228JG00051	5228DF69320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
2	4.8	5228TP69481	5228PF69481	5228F069561 5228JG00051	5228DF69320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5228TP69561	5228PF69561	5228F069561 5228JG00011	5228DF69560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5228TP69641	5228PF69641	5228F069561 5228JG00011	5228DF69560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000 GAUGE PARTS LIST

FTD7069-5-□□□M

Main Parts											
Needle	m.m	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
2	3.2	5228TP69325	5228PF69325	5228FJ69561 5228DG00061	5228DF69325	5221NC15320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11

FTD7069-6□-□□□M

Main Parts											
Needle	m.m	Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
2	3.2	5228TP69321	5228PF69321	5228FJ69561 5228DG00051	5228DF69320	5221NC15320	5221SL00560	5221LL00561	5221NG00561	5221NG00562	UY128GAS # 11
2	4.0	5228TP69401	5228PF69401	5228FJ69561 5228DG00051	5228DF69320	5220NC00400	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
2	4.8	5228TP69481	5228PF69481	5228FJ69561 5228DG00051	5228DF69320	5220NC00480	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	5.6	5228TP69561	5228PF69561	5228FJ69561 5228DG00011	5228DF69560	5227NC00560	5221SL00560	5221LL00561	5221NG00561	5221NG00562	
3	6.4	5228TP69641	5228PF69641	5228FJ69561 5228DG00011	5228DF69560	5227NC00640	5221SL00560	5221LL00561	5221NG00561	5221NG00562	

FTD7000 GAUGE PARTS LIST

FTD7200-0-0□□□H
FTD7200-0-□□□□H

Main Parts		Throat plate	Presser foot asm	Main feed dog	Diff feed dog	Needle clamp	Upper looper	Lower looper	Needle guide	Needle guide	Needle
Needle	mm										
	3	5.6	5220TP00567	5220PF00563	522IFD00568 522IFD00568 522IFD00568 522IFD00568	522IDF00561 522IDG00161 522IDF00561 522IDG00161	5227NC00560 5227NC00640	5221SL00560 5221SL00560	5221LL00561 5221LL00561	5221NG00562 5221NG00562	UY128GAS # 14
3	6.4	5220TP00645	5220PF00643								

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