

M7 模板机

M7 Template machine

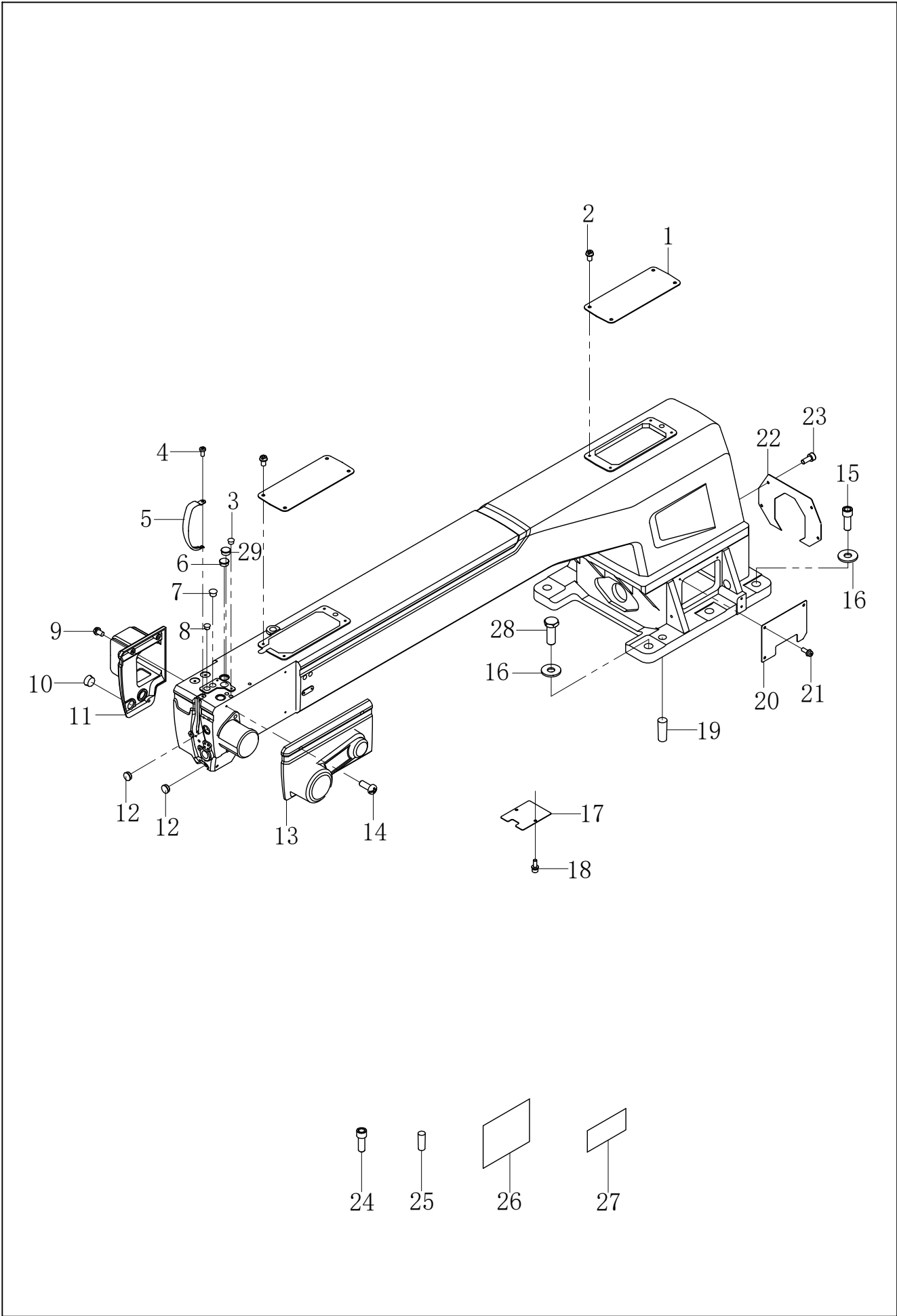
零件手册

Parts manual

目录/CONTENTS

A1、	机体部分 / Machine body	2
B1、	主台面部分 / Main table mechanism	4
B2、	前台面部分 / Front table mechanism	6
B3、	辅助台面部分 / Auxiliary table mechanism	8
C1、	上轴装置 / Upper shaft mechanism	10
C2、	挑线装置 / Take up mechanism	12
E、	Y送料装置 / Y Feed mechanism	14
F1、	X送料装置(S) / X Feed mechanism (S)	16
F2、	X送料装置(T) / X Feed mechanism (T)	20
F3、	压紧夹具装置 / Clamping fixture mechanism	22
F4、	夹扣夹具装置 / Clamping fixture mechanism	24
G1、	电子中压脚装置 / Electronic presser foot mechanism	26
H、	大压脚装置 / External work clamp mechanism	28
J	下轴装置 / Lower shaft mechanism	30
K1、	供油润滑装置 / Lubrication mechanism	32
K2、	旋梭供油装置 / Fusier oil supply mechanism	34
L、	穿线装置 / Threading mechanism	36
M、	卷线装置 / Bobbin winder mechanism	38
N、	切线装置 - 平刀 / Thread trimmer mechanism	40
P、	扫线装置 / Thread wiper mechanism	42
Q、	松线装置 / Tension release mechanism	44
R1、	电控柜装置 / Electric control box mechanism	46
R2、	控制箱装置(S) / Control box mechanism (S)	48
S1、	气动部分 / Air pressure mechanism	50
S2、	电器部品装置 / Power supply equipment mechanism	52
T、	操作界面装置 / Operation interface mechanism	54
U、	机架部分 / Talbe mechanism	56
V、	断线感应装置 / Thread breakage detector mechanism	58
W1、	吹气装置 / Blow mechanism	60
W2、	底线检测 / Catch string mechanism	62
X3、	点笔装置 / Marking device	64
X4、	激光切割装置 / Laser cutting mechanism	66
X5、	激光切割控制部分 / Laser cutting control part	68
X6、	激光切割吸风装置 / Laser cutting smoke exhaust part	70
Z1、	附件 / Accessories	72
Z2、	工模具一览表 / Gauge parts list	74

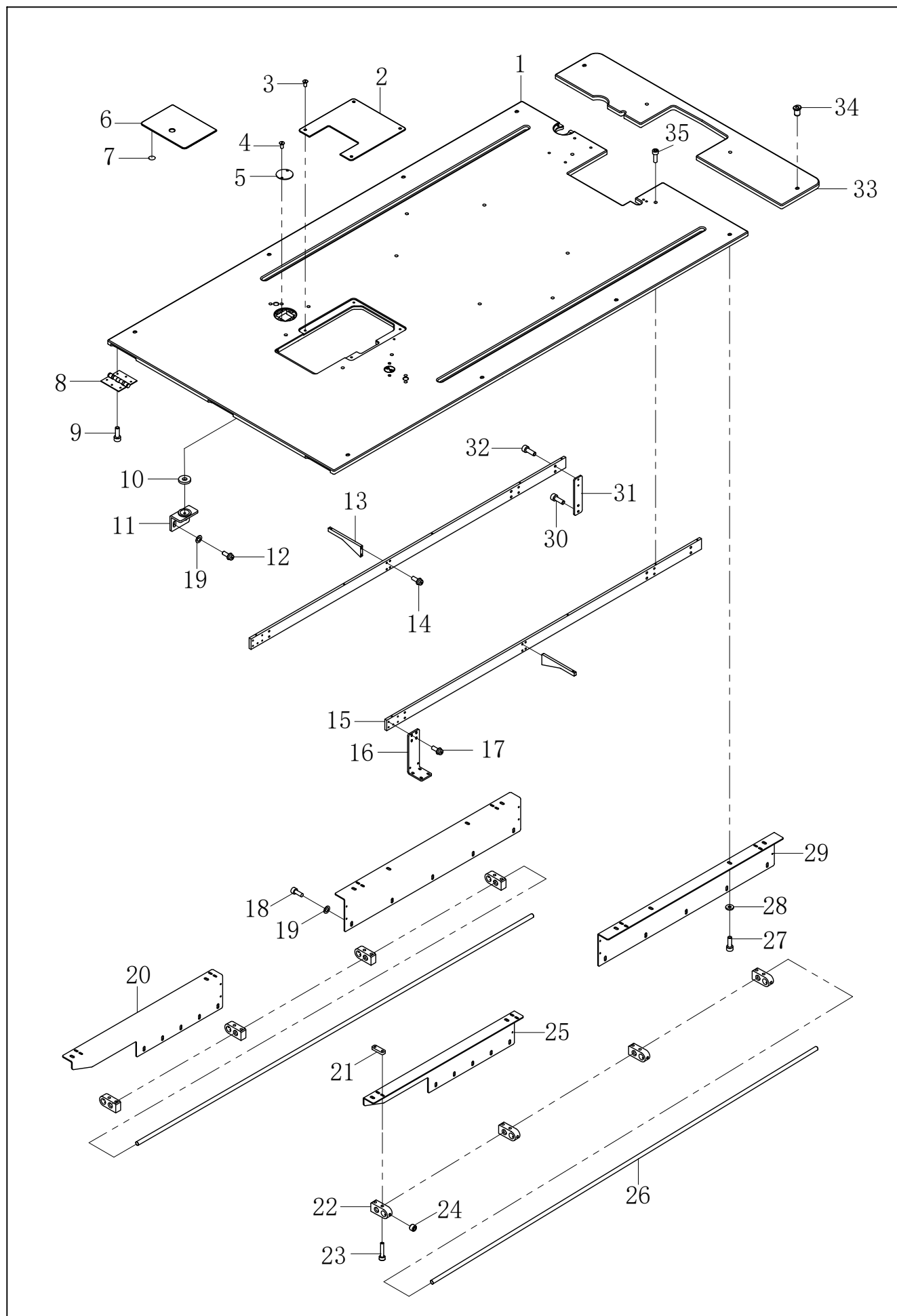
A1、机体部分 / Machine body



A1、机体部分 / Machine body

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	930001189	上盖板F		2	142012243
2	S04028	螺钉M5×8		8	
3	10122005	孔塞		2	
4	S04078	螺钉M4×8		1	
5	930000686	挑线杆防护罩M		1	142012159
6	41722004	橡皮塞15.5		1	
7	41722009	橡皮塞13		1	
8	10122013	针杆上套孔塞		1	
9	S05133	螺钉M4×12		4	
10	14222007	上盖橡皮塞		2	
11	930001187	左侧罩壳		1	142001039
12	41722004	橡皮塞15.5		2	
13	930001188	右侧罩壳		1	142001038
14	S05133	螺钉M4×12		4	
15	S05994	螺钉M16×70		4	
16	142012110	垫圈16		6	
17		机头下盖板		2	
18	417S30302	螺钉M4×12（带垫圈）		4	
19	P02011	销子16		2	
20		侧盖板D		2	
21	417S30302	螺钉M4×12（带垫圈）		6	
22		机头后盖板		1	
23	417S30302	螺钉M4×12（带垫圈）		4	
24	S05276	螺钉M14×45		2	
25	P02012	销子12		2	
26	20131063	警告牌		1	
27	140337007	型号牌		1	
27	140337009	型号牌B		1	B
28	L02186	外六角螺钉M16×50		2	
29	41722301	橡皮塞16		1	

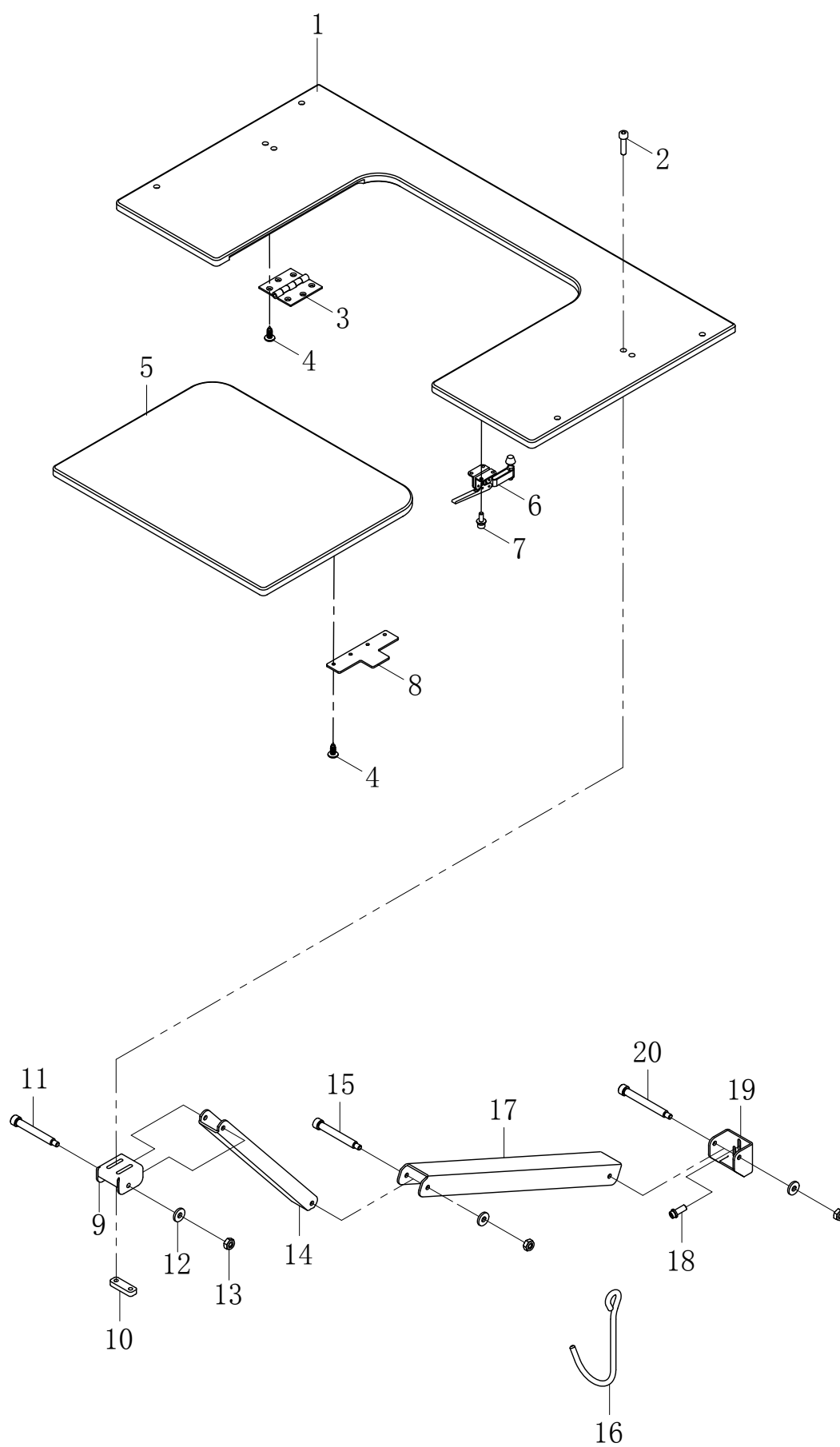
B1、主台面部分 / Main table mechanism



B1、主台面部分 / Main table mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142032126	主台面F	Main table F	1	142032184
2	142032150	台面前盖板F	Front cover F	1	
3	417S15008	一字平面圆柱头螺钉	screws M4×9	4	
4	S02039	开槽沉头螺钉M4×9	screws M4×9	4	
5	141932044	圆形盖板	Round cover	2	
6	142032131	旋梭盖板F	Hook cover F	1	
7	915624	磁铁15×1	Magnet 15×1	4	
8	142031002	合页A	Hinge A	3	
9	417S30036	螺钉(带垫圈)M5×12	Screw (with washer) M5×12	12	
10	41822012	减振垫圈	Damping washer	2	
11	4181204800	台面支撑板组件	Table support plate assembly	2	
12	421S13059	螺钉(带垫圈)M5×20	Screw (with washer) M5×20	4	
13	930000413	肋板	Ribs	2	142012087
14	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	
15	142012015	台面中托板	Countertop plate	2	
16	930001193	台面托板支架F	Countertop bracket assembly F	2	142012244
17	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	16	
18	S05087	螺钉M5×12	Screw M5×16	20	
19	41828611	平垫圈M5	Flat washer M5	24	
20	930001191	主台面前左支撑板	Left and right table support plate	1	142012249
21	142012031	螺纹板M5	Threaded plate M5	8	
22	142001030	滑杆轴支座B	Slider shaft support B	8	
23	S05083	螺钉M5×30	Screw M5×30	16	
24	S09041	螺钉M6×5	Screw M6×5	16	
25	930001192	主台面前右支撑板	Left and right table support plate	1	142012248
26	142002035	滑竿轴F	Slide shaft F	2	
27	S05026	螺钉M5×20	Screw M5×20	10	
28	41828611	平垫圈M5	Flat washer M5	10	
29	930001190	台面支撑板F	Table support plate F	4	142012250
30	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	
31	142012198	主台面后支撑板	Main countertop rear support plate	2	
32	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	
33	142032127	后台面F	Back side table F	1	
34	142026005	滚花螺纹套M5	Knurled thread sleeve M5	10	
35	S05124	螺钉M5×16	Screw M5×16	14	

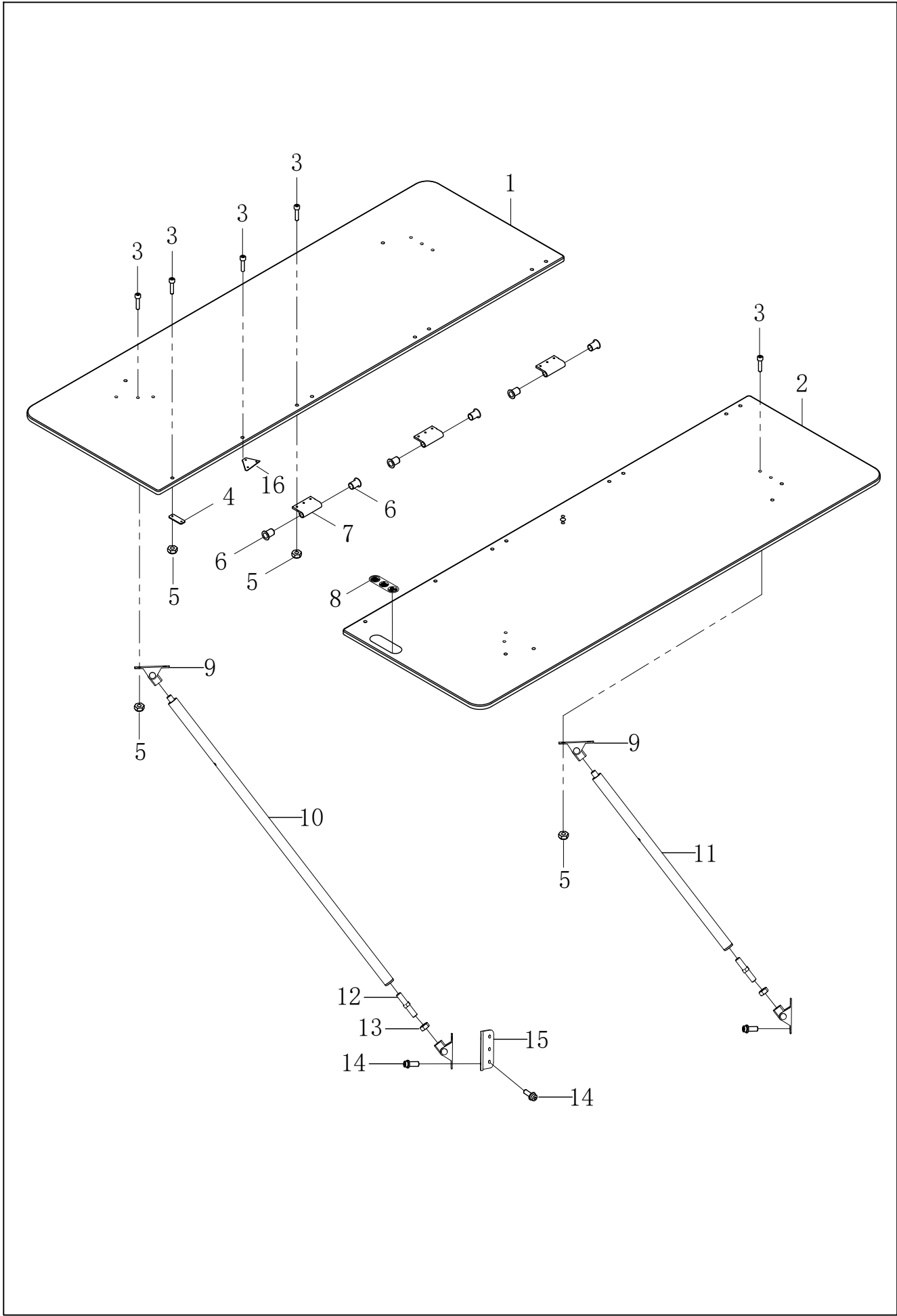
B2、前台面部分 / Front table mechanism



B2、前台面部分 / Front table mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142032132	前辅助台面F	Front auxiliary table B	1	142032187
2	S05026	螺钉M5×20	Screw M5×20	4	
3	142031002	合页A	Hinge A	2	
4	S16022	自攻螺钉ST5×14	Screw ST5×14	16	
5	142032093	开合台面	Opening and closing table	1	
6	42231512	压紧夹具	Clamping fixture	1	
7	417S30036	螺钉(带垫圈)M5×12	Screw (with washer) M5×12	4	
8	142012128	开合台面限位板A	Opening and closing table limit board A	1	
9	930000306	折叠杆支架B	Folding rod bracket B	2	142012019
10	142012031	螺纹板M5	Threaded plate M5	2	
11	1420NS20003	轴位螺钉M5B	Axial screw M5B	2	
12	41728028	垫圈5	Washer 5	6	
13	407N01001	自锁螺母M5	Self-locking nut M5	6	
14	930000307	折叠杆B	Folding rod B	2	142012020
15	1420NS20003	轴位螺钉M5B	Axial screw M5B	2	
16	42212620	挂钩	Hook up	1	
17	930000305	折叠杆A	Folding rod A	2	142012018
18	417S30036	螺钉(带垫圈)M5×12	Screw (with washer) M5×12	6	
19	930000304	折叠杆支架A	Folding rod bracket A	2	142012017
20	1420NS20002	轴位螺钉M5A	Axial screw M5A	2	

B3、辅助台面部分 / Auxiliary table mechanism



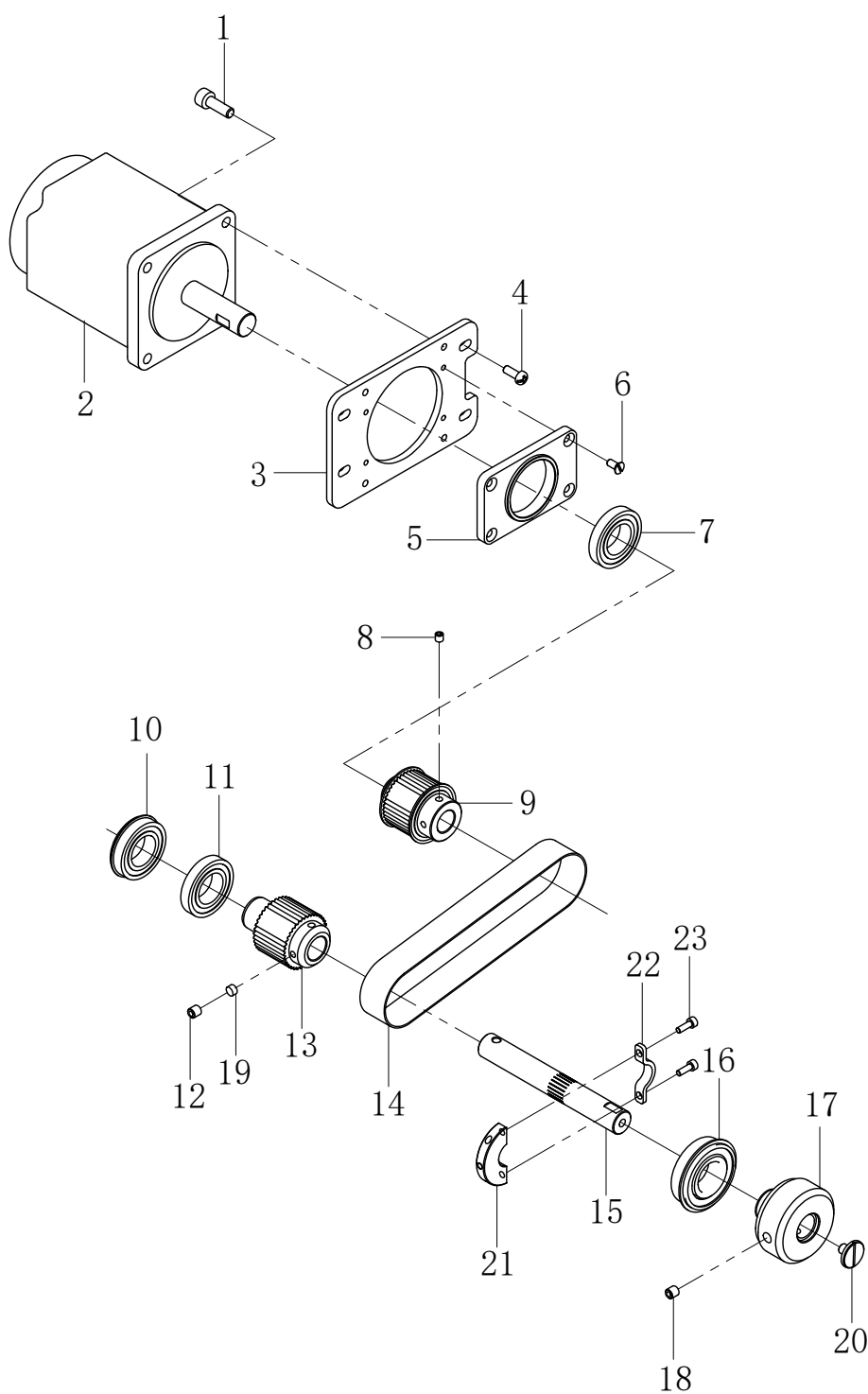
B3、辅助台面部分 / Auxiliary table mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142032130	左辅助台面F	Left auxiliary table F	1	142032185
2	142032128	右辅助台面F	Right auxiliary table F	1	142032186
3	S05218	螺钉M5×22	screw M5×22	30	
4	142012168	台面拼接板A	Mesa splice board A	2	
5	407N01001	自锁螺母M5(切换)	Self-locking nut(transform)	26	
6	142003016	工程塑料轴套	Engineering plastic bushing	12	
7	142042020	辅助台面连接转动座	Auxiliary table connecting rotaing seat	6	
8	142037007	急停开关标贴	Emergency stop swotch label	1	
9	14192900200	T型接头M10组件	T joint M10 assembly	8	
10	930001355	前支撑柱组件(喷漆)	Front support post assembly(Spray paint)	2	14193221300
11	930001354	后支撑柱组件(喷漆)	Rear support post assembly(Spray paint)	2	14193221200
12	141932214	双头螺杆	Double head screw	4	
13	N01009	螺母M10	Nut M10	4	
14	417S30036	螺栓(带垫圈)M5×12	Bolt(With washer)M5×12	14	
15	141912332	支撑杆座	Support rod holder	2	
16	142012335	台面拼接板	Mesa splice board	2	

变更记录/CHANGE LOG

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	时间/TIME
16	142012335	台面拼接板	Mesa splice board	2025/2/18～

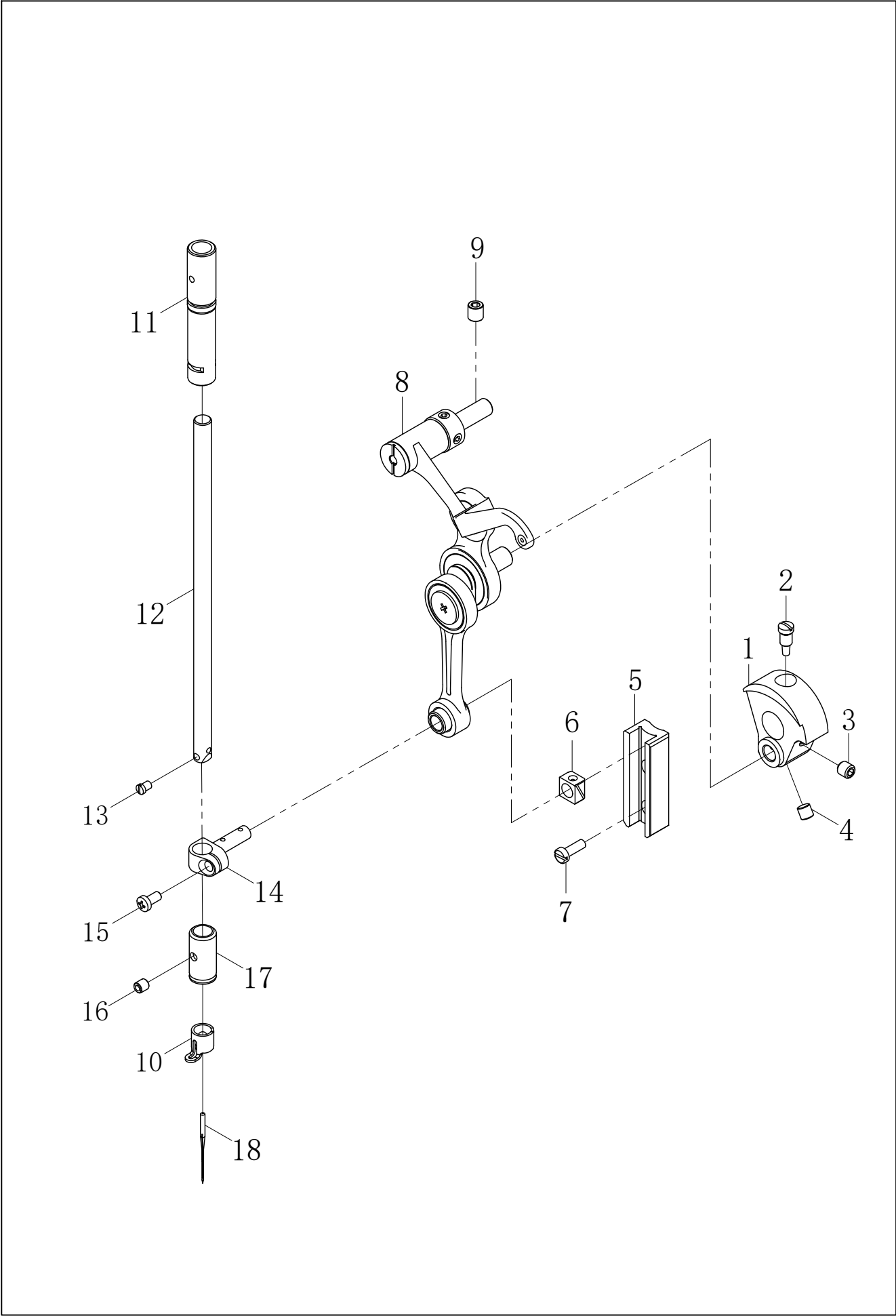
C1、上轴装置 / Upper shaft mechanism



C1、上轴装置 / Upper shaft mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	417S30306	螺钉M5×15	Screw M5×15	4	
2	142030050	主轴电机F	Spindle motor F	1	
3	142012245	上轴电机安装板F		1	
4	417S30306	螺钉M5×15	Screw M5×15	4	
5	142012246	轴承支架F		1	
6	S02039	螺钉M4×9	Screw M4×9	4	
7	B060001	轴承6904	Bearing 6904	1	
8	S10019	螺钉M6×6	Screw M6×6	2	
9	14203500800	上轴主动轮组件		1	
10	B100002	轴承6904（带挡圈）	Bearing 6904	1	
11	B060001	轴承6904	Bearing 6904	1	
12	S10019	螺钉M6×6	Screw M6×6	2	
13	142035006	上轴从动轮F		1	
14	142035007	同步带378-S3M	Timing belt	1	
15	142002033	上轴		1	
16	B100001	轴承6004(带挡圈)	Bearing 6004	1	
17	142011021	手轮F	Handwheel F	1	
18	S10019	螺钉M6×6	Screw M6×6	2	
19	141902029	凸轮顶柱	Camshaft	2	
20	403S11003	开槽大圆柱头螺钉	Slotted large cheese head screws	1	
21	142010006	偏心轮	Eccentric wheel	1	
22	142010007	偏心轮夹板	Eccentric wheel splint	1	
23	S05133	螺钉M4×12	Screw M4×12	2	

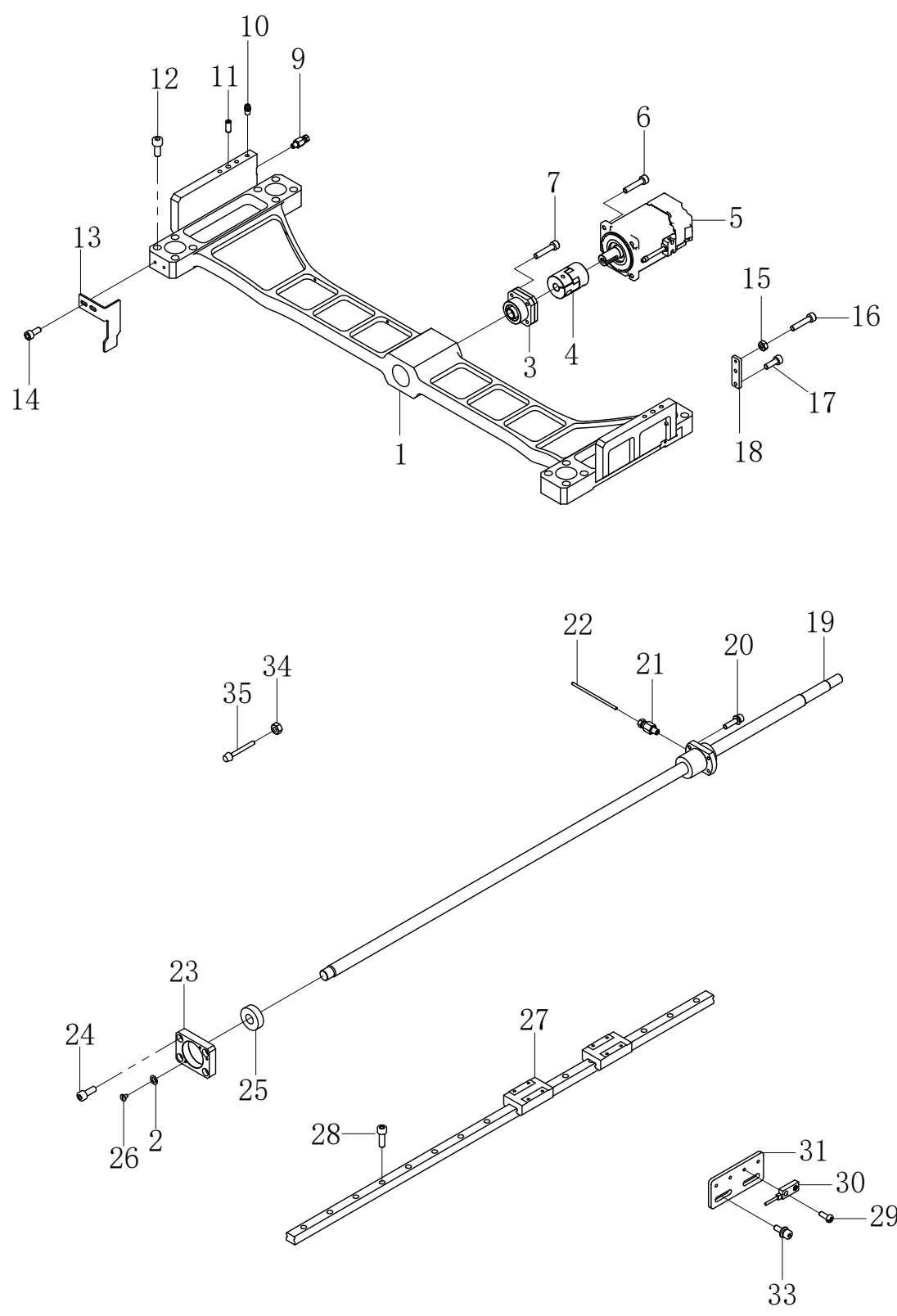
C2、挑线装置 / Take up mechanism



C2、挑线装置 / Take up mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142004023	针杆曲柄B1	Needle bar crank B1	1	
2	135S11002	针杆曲柄定位螺钉	Needle bar crank positioning screw	1	
3	409S14001	内六角平面端紧定螺钉	Hexagon socket set screws	1	
4	409S14001	内六角平面端紧定螺钉	Hexagon socket set screws	2	
5	14200919	针杆滑块导向	Needle bar slider guide	1	
6	41709001	滑块	Slider	1	
7	207S11008	开槽圆柱头螺钉M4×12	Slotted cheese head screws M4×12	2	
8	14203800800	挑线连杆组件F	Thread take-up link assembly G	1	
9	S10024	螺钉M6×10	Screw M6×10	1	
10	142013030	过线套C	Overpass sleeve C	1	
11	142002021	针杆上套B	Needle bar cover B	1	
12	142002043	针杆F	Needle bar F	1	
13	201S11005	开槽圆柱头螺钉	Slotted socket head screws	1	
14	141904404	针杆接头S	Needle bar connector S	1	
15	201S11012	S022螺钉	S022 Screw	1	
16	S09019	螺钉M5×5	Screw M5×5	1	
17	142002022	针杆下套B	Needle shaft sleeve B	1	
18	42217504	机针DP×5 8#	Machine needle DP×5 8#	1	
19					

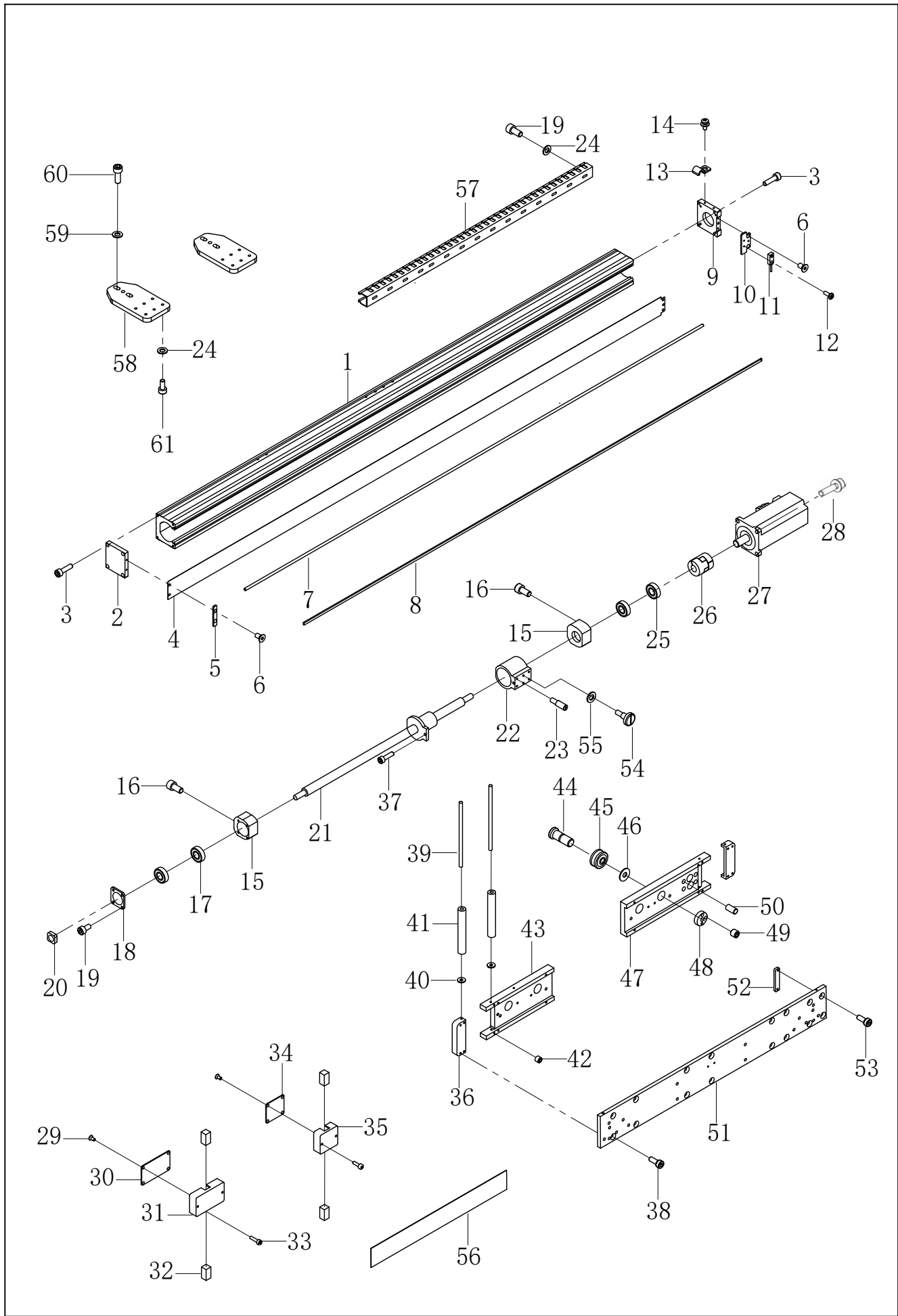
E1、Y送料装置 / Y Feed mechanism



E1、Y送料装置 / Y Feed mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142001031	Y丝杆驱动座	Y screw drive seat	1	
2	41828611	平垫圈M5	Flat washer M5	2	
3	142024018	丝杆轴承座FK15	Screw housing FK15	1	
4	142003027	联轴器19-13	Coupling 19-13	1	
5	141933024	Y丝杆电机(高压)	Y screw motor	1	
6	S05124	螺钉M5×16	Screw M5×16	4	
7	S05124	螺钉M5×16	Screw M5×16	4	
8					
9	41836011	铜卡套式直通油管接头M6	tubing connector M6	2	
10	142036004	黄油嘴接头M6	Butter Nipple M6	1	
11	41826011	圆柱销6×15	Cylindrical pin 6×15	1	
12	S05087	螺钉M5×12	Screw M5×12	16	
13	142012236	Y传感器感应板F	Y sensor plate F	1	
14	S05133	螺钉M4×12	Screw M4×12	2	
15	1421NS16002	六角螺母螺母M5	nut M5	1	
16	S05026	螺钉M5×20	Screw M5×20	1	
17	S05087	螺钉M5×12	Screw M5×12	2	
18	141812169	横梁调节板	Beam adjustment plate	1	
19	142024015	Y丝杆组件F	Y screw assembly F	1	
20	421S13059	螺钉M5×20	Screw M5×20	4	
21	41836011	铜卡套式直通油管接头M6	tubing connector M6	1	
22	141821006	油管	Tubing	1	
23	41801042	Y丝杆支撑端轴承座	screw rod support end bearing	1	
24	S05040	螺钉M6×16	Screw M6×16	4	
25	B01033	轴承6203	Bearing 6203	1	
26	418S30218	圆柱头螺钉M4×7	head screws M4×7	2	
27	142024001	Y导轨	Y rail	2	
28	S05124	螺钉M5×16	Screw M5×16	22	
29	421S10015	螺钉M3×8	Screw M3×8	1	
30	142030060	传感器	Sensor	1	
31	141912362	Y传感器安装板	Y sensor mounting plate	1	
32					
33	417S30302	螺钉M4×12	Screw M4×12	2	
34	205S16005	M6螺母	M6 nut	2	
35	141822009	橡胶头螺钉M6	Rubber head screw M6	2	

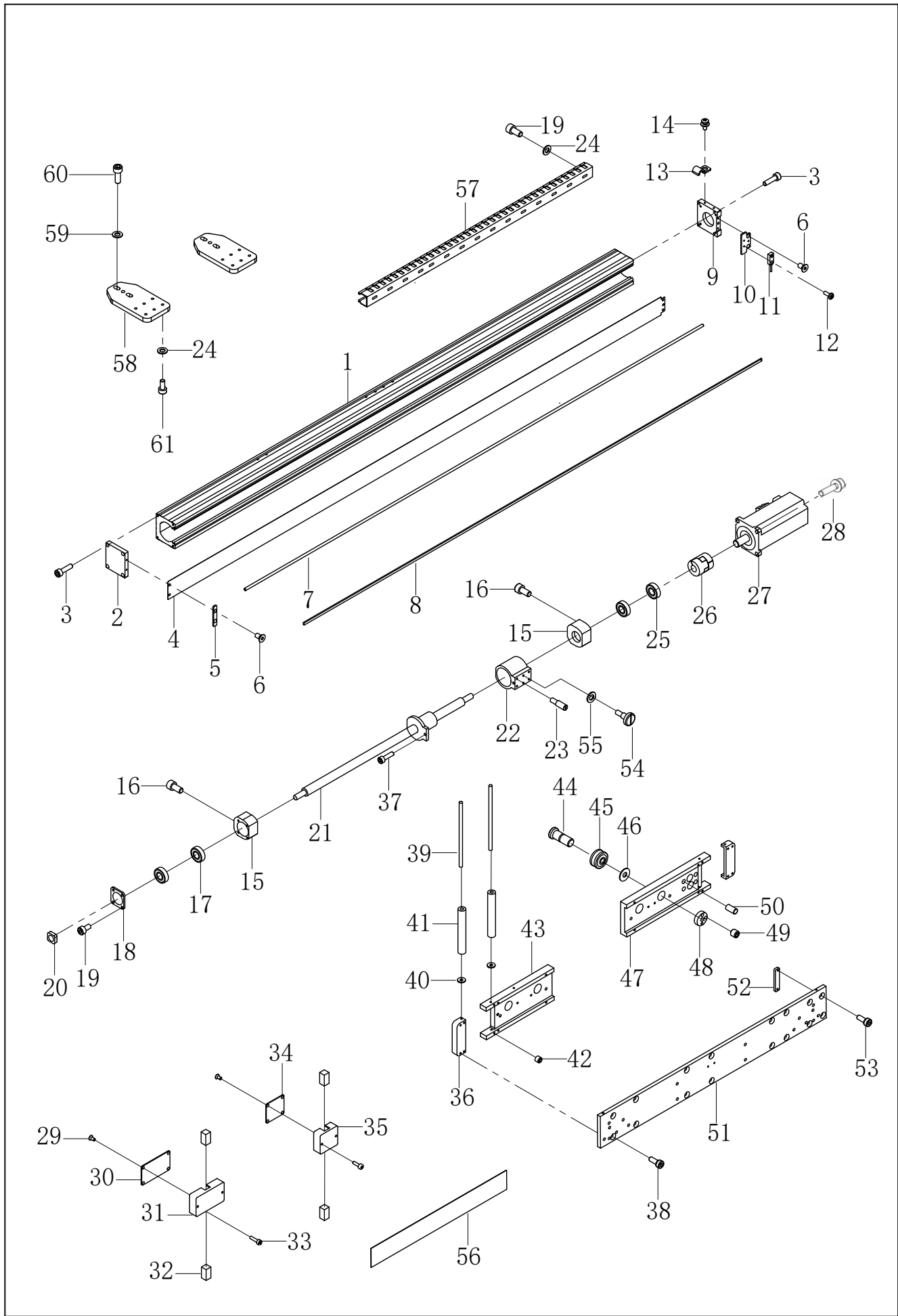
F1、X送料装置(S) / X Feed mechanism (S)



F1、X送料装置(S) / X Feed mechanism (S)

序号 No.	件号 Part No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	141801044	丝杆罩壳	Screw housing	1	
2	141801051	端盖	End cap	1	
3	S05124	螺钉M5×16	Screw M5×18	8	
4	141912435	防尘钢带A	Dust proof steel strip A	1	
5	141812261	钢条压紧板	Steel bar pressing plate	1	
6	S02039	沉头螺钉M4×9	Screw M4×9	4	
7	141824012	导轨轴	Guide	2	
8	141822019	软磁条	Soft magnetic stripe	2	
9	141801050	电机安装座	Motor mounting base	1	
10	141812260	传感器安装板	Sensor mounting plate	1	
11	142030060	传感器	Sensor	1	
12	421S10015	螺钉M3×8	Screw M3×8	1	
13	41711014	线夹	Wire clip Wire clip	2	
14	417S30025	螺钉(带垫圈)M4×10	Screw M4×10	2	
15	141801045	轴承座	Bearing pedestal	2	
16	S05121	螺钉M5×10	Screw M5×10	8	
17	B11011	轴承7001C DB	Bearing	2	
18	141812258	轴承挡板	Bearing baffle	1	
19	421S13035	螺钉M4×8	Screw M4×8	4	
20	141824017	丝杆锁紧螺母	Screw lock nut	1	
21	141824018	丝杆组件	Screw assembly	1	
22	141801046	丝杆螺母安装座	Screw nut mounting base	1	
23	141802030	轴位螺钉M5	Screw M5	4	
24	W01001	平垫圈4	Washer 4	15	
25	B01058	轴承6001ZZ	Bearing	2	
26	141903082	联轴器Z14-12	Coupling	1	
27	141930057	X伺服电机(高压)	X screw motor	1	
28	421S13052	螺钉M4×18	Screw M4×18	4	
29	S02032	螺钉M3×6	Screw M3×6	8	
30	141812281	油盒盖板B	Oil box cover plate B	1	
31	141801067	油盒B	Oil box B	1	
32	141823006	油毡	Asphalt felt	4	
33	S05052	螺钉M3×10	Screw M3×10	4	
34	141812280	油盒盖板A	Oil box cover plate A	1	
35	141801066	油盒A	Oil box A	1	
36	141901143	钢带压块A	Steel strip pressing block A	2	
37	421S13059	螺钉M5×20	Screw M5×20	1	
38	S05133	螺钉M4×12	Screw M4×12	14	
39	141826009	圆柱销3	Cylindrical pin	4	
40	W01002	平垫圈3	Washer 3	12	
41	141844010	塑料轴套P210RLM-0309-50	Plastic bushing P210RLM-0309-50	4	
42	S09103	螺钉M4×4	Screw M4×4	8	
43	141801048	移动块B	Moving block B	1	
44	141824014	轴位螺钉M6	Axial screw	8	
45	B01057	轴承SG66	Bearing	8	
46	141812263	平垫圈	Washer	8	
47	141801047	移动块A	Moving block A	1	
48	141810001	调节螺母	Adjusting nut	4	
49	413S14013	螺钉M5×6	Screw M5×6	4	
50	141844011	塑料轴套GSM-0608-10	Plastic bushing GSM-0608-10	4	

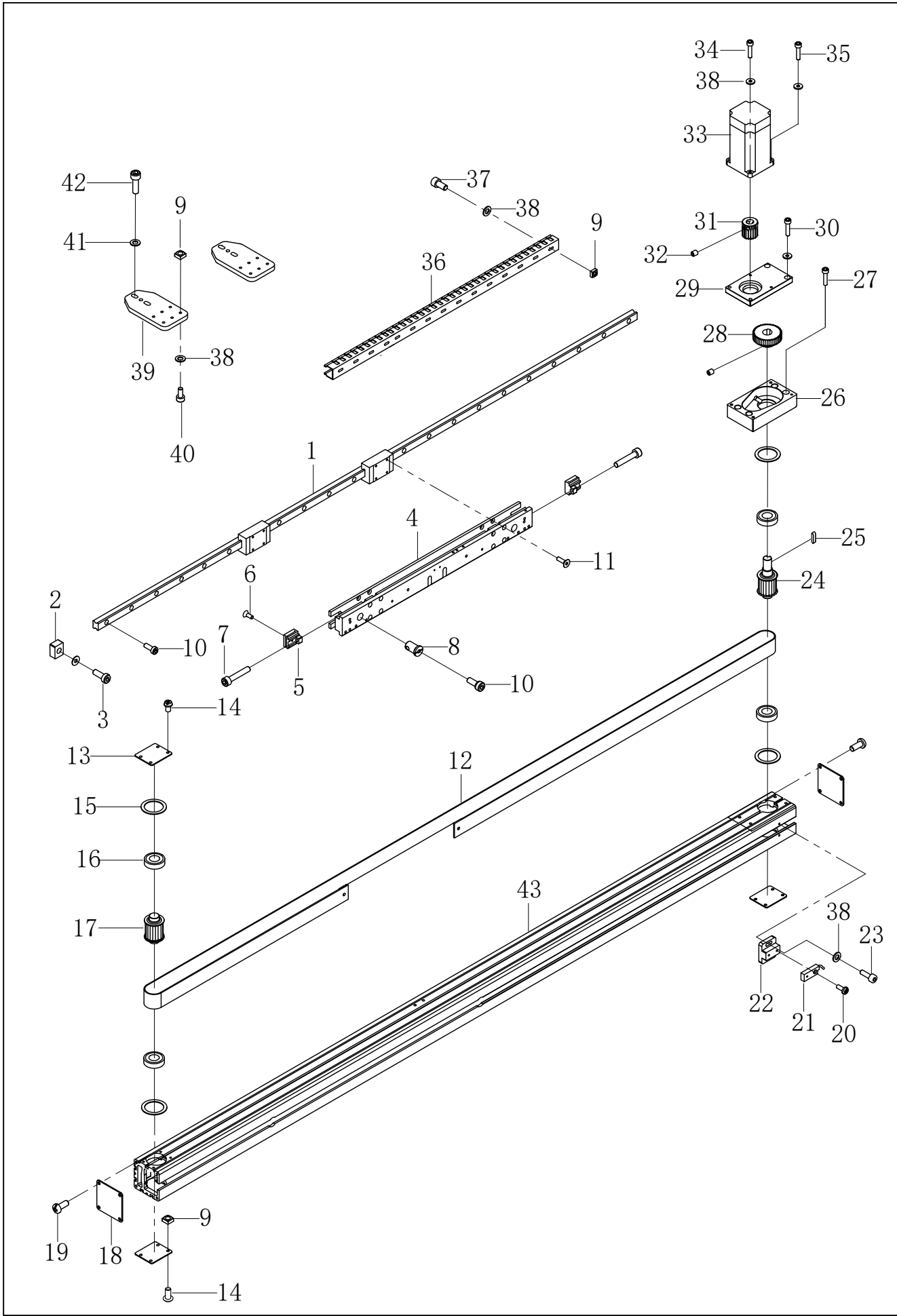
F1、X送料装置(S) / X Feed mechanism (S)



F1、X送料装置(S) / X Feed mechanism (S)

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
51	142001033	移动块盖板	Moving block cover plate	1	
52	141812262	传感器感应片	Sensor plate	1	
53	421S13035	螺钉M4×8	Screw M4×8	2	
54	417S30003	段螺钉	Screw	2	
55	41722021	O形圈P7	O-ring P7	2	
56	141831028	耐磨带	Wear resistant belt	0.4	
57	142511012	线槽4030L800	Trunking 4030L800	1	
58	142014002	丝杆送料联接板	Screw feed connection seat	2	
59	41728033	垫片M6	Gasket M6	4	
60	S05111	螺钉M6×20	Screw M6×20	4	
61	417S13017	螺钉M4×10	Screw M4×10	12	

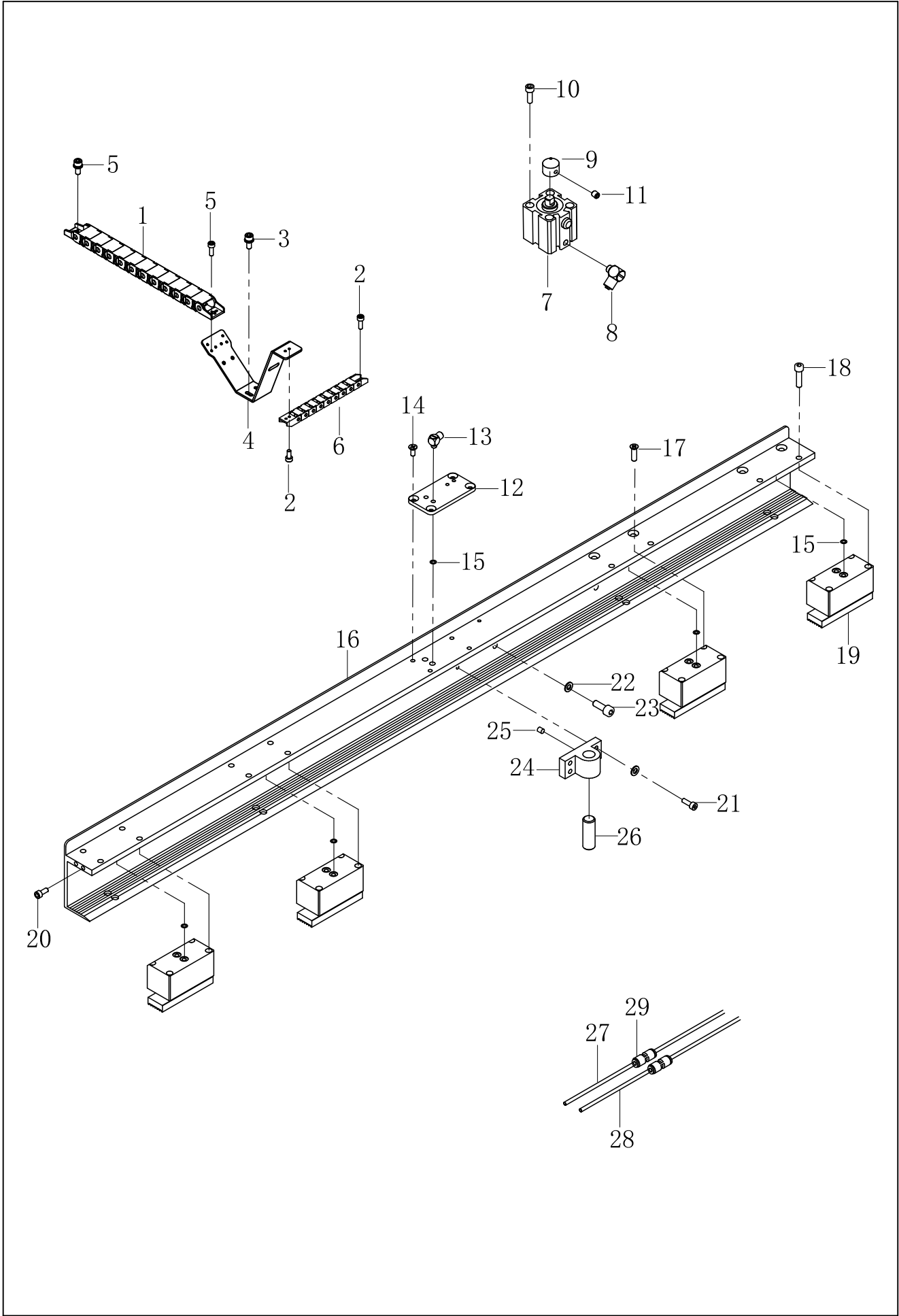
F2、X送料装置(T) / X Feed mechanism (T)



F2、X送料装置(T) / X Feed mechanism (T)

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142042026	X导轨	X rail	1	
2	142011019	防撞橡胶垫	Anti-collision rubber pad	2	
3	S05133	螺钉M4×12	Screw M4×12	2	
4	142042038	压框连接座B	Compression frame connector	1	
5	142001027	同步带扣	Synchronous belt buckle	2	
6	421S10015	螺钉M3×8	Screw M3×8	2	
7	L01864	螺钉M5×45	Screw M5×45	2	
8	142026010	同步带拉紧销	Timing belt tension pin	2	
9	N03009	螺母块M4	Nut block M4	24	
10	S05133	螺钉M4×12	Screw M4×12	15	
11	407S17001	沉头螺钉M4×10	Screw M4×10	8	
12	142035001	同步带	Synchronous belt	1	
13	142012209	轴承盖板	Bearing cover	3	
14	421S10022	沉头螺钉M4×6	Screw M4×16	12	
15	142028011	平垫圈	Flat washer	4	
16	B04126	轴承6003	Bearing 6003	4	
17	14203500500	从动带轮组件B	Driven pulley assembly B	1	
18	142012208	端盖	End cap	2	
19	S04028	盘头螺钉M5×8	Screw M5×8	8	
20	421S10015	螺钉M3×8	Screw M3×8	1	
21	142030060	传感器	Sensor	1	
22	142042082	传感器安装座B	Sensor mount	1	
23	S05133	螺钉M4×12	Screw M4×12	2	
24	14203500400	主动带轮组件B	Driving pulley assembly B	1	
25	K01020	键	Key	1	
26	142042044	齿轮箱	Gear box	1	
27	S05035	内六角螺钉M5×25	Screw M5×25	4	
28	142025004	被动齿轮	Passive gear	1	
29	142012210	齿轮箱盖	Gear box cover	1	
30	S05118	螺钉M4×16	Screw M4×16	2	
31	142025003	主动齿轮	Driving gear	1	
32	403S14006	紧定螺钉M6-0.75	Screw M6-0.75	5	
33	142033003	模组电机	Modular motor	1	
34	S05064	螺钉M4×30	Screw M4×25	2	
35	S05118	螺钉M4×16	Screw M4×16	2	
36	142511012	线槽4030L800	Trunking 4030L800	1	
37	S05115	螺钉M4×6	Screw M4×6	4	
38	W01001	平垫圈4	Flat washer 4	26	
39	142014002	送料连接板	Feeding connecting plate	2	
40	421S13035	螺钉M4×8	Screw M4×8	12	
41	41728033	垫片M6	Gasket M6	4	
42	S05111	螺钉M6×20	Screw M6×20	4	
43	142042037	横梁型材B	Cross beam Profile Bar B	1	

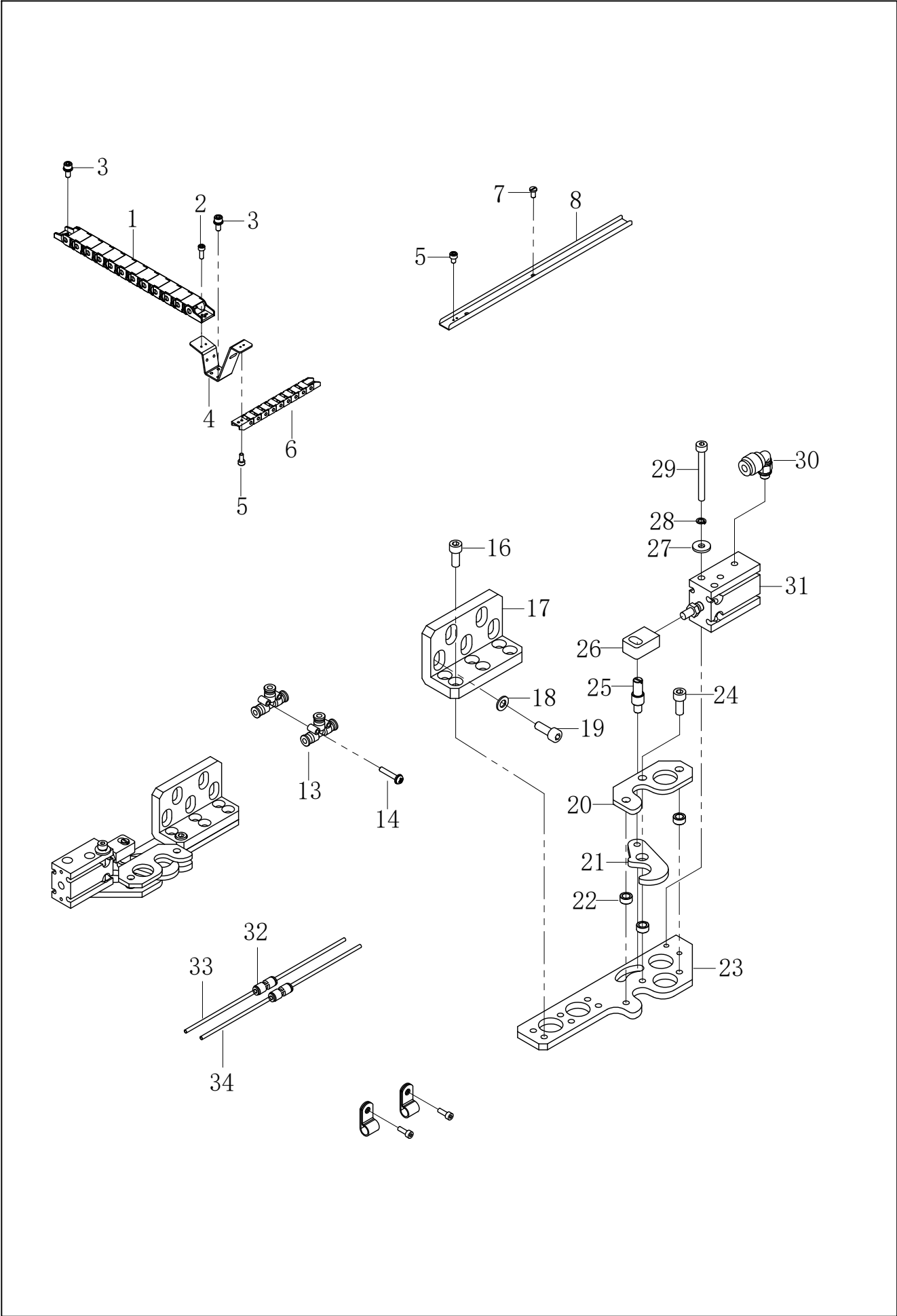
F3、压紧夹具装置 / Clamping fixture mechanism



F3、压紧夹具装置 / Clamping fixture mechanism

序号 No.	件号 Part.No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	141911035	Y向拖链M	Y Plastic towline M	1	
2	413S13008	螺钉(带垫圈)M4×8	Screw M4×8	4	
3	417S30036	螺钉(带垫圈)M5×12	Screw M5×12	2	
4	930002067	拖链支架F	Screw Y drag chain bracket F	1	142012309
5	417S30302	螺钉M4×12	Screw M4×12	8	
6	141811001	小坦克链	Small towline	1	
7	142045016	顶柱气缸B	Top column cylinder B	2	
8	42230519	微型接头M-5HLH-4	Mini connector M-5HLH-4	2	
9	142009013	顶柱B	Top pillar B	2	
10	S05124	螺钉M5×16	Screw M5×16	8	
11	S09103	紧定螺钉M4×4	Set screw M4×4	2	
12	142045018	进气转接板	Intake adapter plate	1	
13	142045024	微型接头M-5HL-6	Mini connector M-5HL-6	2	
14	407S17001	十字沉头螺钉	Phillips countersunk head screws	4	
15	142022007	O形圈6×1	O-ring 6×1	10	
16	141942047	压框支架	Frame Pressing Bracket	1	
17	421S17005	沉头螺钉	countersunk head screws	4	
18	S05124	螺钉M5×16	Screw M5×16	12	
19	142045017	下压气缸B	Press down cylinder B	4	
20	413S13010	螺钉M5×8	screw M5×16	4	
21	417S30034	螺钉M4×14	screw M4×14	4	
22	41728028	垫圈5	washer 5	10	
23	S05087	螺钉M5×12	screw M4×12	6	
24	42512028	限位支座	Limit bearing	1	
25	S09019	螺钉M5×5	screw M5×5	1	
26	42526008	限位销	Limit pin	1	
27	142045009	气管φ6×2.5透明蓝	tube φ6 transparent blue	1.2	
28	142045023	气管φ6×2.5黑色	tube φ6 black	1.2	
29	42136024	管接头PU6	Weasand connector PU6	2	
30	142042049	胶带13		0.8	
31	142042048	胶带25		0.8	

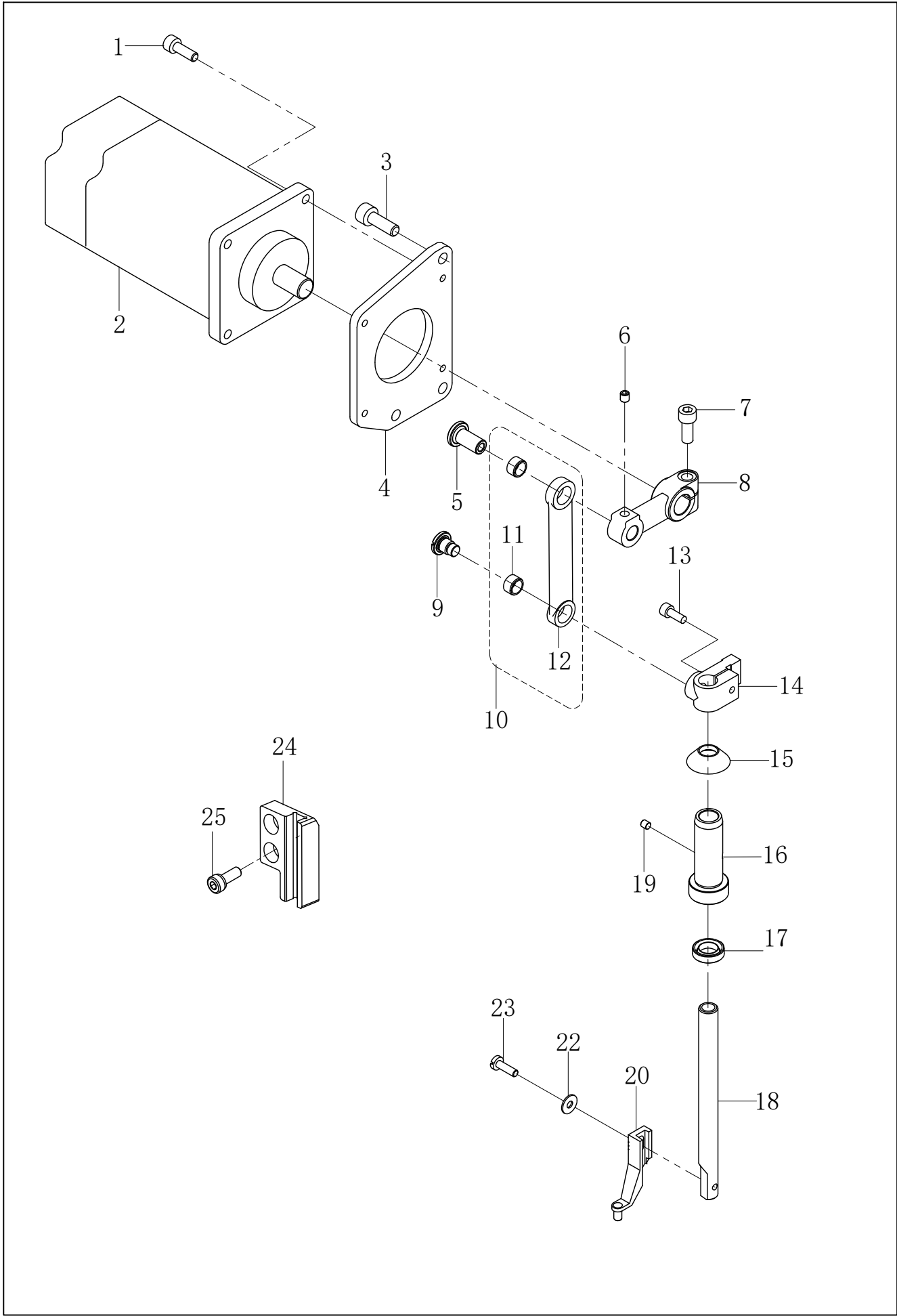
F4、夹扣夹具装置 / Clamping fixture mechanism



F4、夹扣夹具装置 / Clamping fixture mechanism

序号 No.	件号 Part.No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142011014	塑料拖链B	Plastic towline	1	
2	S05115	螺钉M4×6	Screw M4×8	6	
3	417S30036	螺钉(带垫圈)M5×12	Screw M5×12	2	
4	930000984	丝杆Y拖链支架B	Screw Y drag chain bracket B	1	142012212
5	421S13003	螺钉M4×8	Screw M4×8	2	
6	141811001	小坦克链	Small towline	1	
7	417S15008	螺钉M4×8	Screw M4×8	2	
8	142012213	夹扣拖链导板	Clip-on chain guide	1	
9	421S13003	螺钉M4×8	Screw M4×8	2	
10	41711014	塑料线夹	Plastic clamp	2	
11	S05115	螺钉M4×6	Screw M4×8	2	
12	141845002	气管接头 (三通)	Trachea joint	2	
13	407S04053	螺钉M3×25	Screw M3×25	2	
14	42536004	气管接头	Weasand connector	4	
15	41730441	气缸CU16-15D	Cylinder CU16-15D	2	
16	S05121	螺钉M5×10	Bolt M5×10	12	
17	41842218	夹具连接板B	Clamp Connection plate B	2	
18	W01009	垫圈5	Washer	8	
19	S05124	螺钉M5×16	Bolt M5×16	8	
20	42212607	夹紧杆挡板	Press bar Baffle	2	
21	42212813	夹紧杆	Press bar	2	
22	42228811	转动垫圈	Moving washer	6	
23	42212538	夹具安装板L	Clamp Installation board L	2	
24	S05087	螺钉M5×12	Bolt M5×12	6	
25	42226811	接头销	Pin	2	
26	401727	接头	Connector	2	
27	42128003	垫圈	Washer	4	
28	W02008	弹簧垫圈2-4	Spring Washer	4	
29	S05065	螺钉M4×40	Screw M4×40	4	

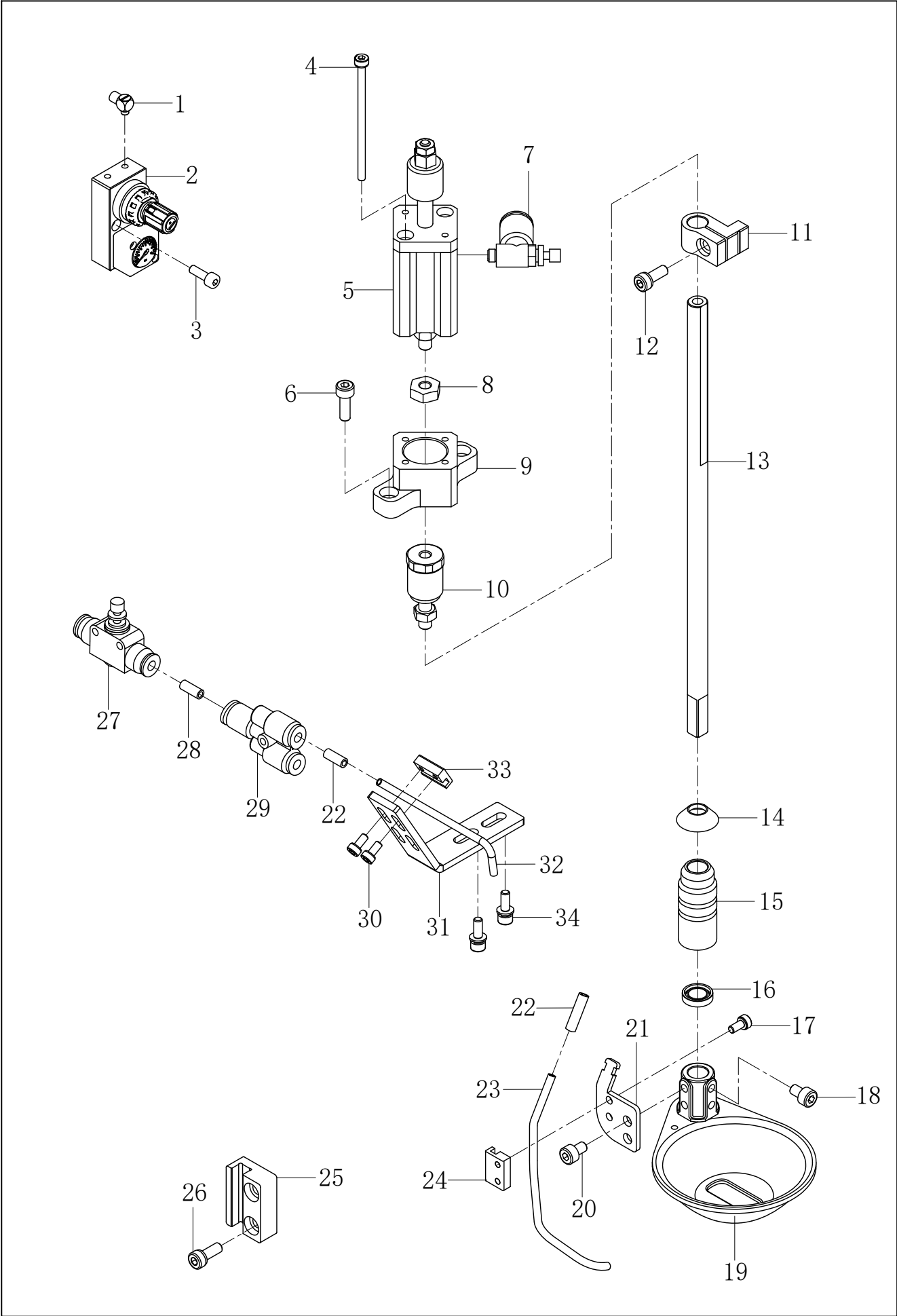
G1、电子中压脚装置 / Electronic presser foot mechanism



G1、电子中压脚装置 / Electronic presser foot mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	417S30302	螺钉M4×12	Screw M4×12	4	
2	142033013	中压脚电机F	Medium presser foot motor F	1	
3	S05087	螺钉M5×12	Screw M5×12	4	
4	142012238	中压脚电机安装板F	Intermediate presser motor mounting plate F	1	
5	142026002	连杆销	Link pin	1	
6	S09019	螺钉M5×5	Screw M5×5	1	
7	S05004	螺钉M5×14	Screw M5×14	1	
8	142004020	中压脚摇杆F	Intermediate presser rocker	1	
9	1420NS20001	轴位螺钉M6×0.75	Screw M6×0.75	1	
10	14200500100	中压脚连杆组件	Intermediate presser foot link assembly	1	
11	142003006	工程塑料轴套	plastic sleeve GLW-0709-05	2	
12	142005001	中压脚连杆	Intermediate presser connecting rod	1	
13	421S13035	螺钉M4×8	Screw M4×8	1	
14	41709020	压紧杆接头	Compression rod connector	1	
15	41822101	橡胶套	Rubber sleeve	1	
16	41803031	中压杆轴套	Medium pressure rod bushing	1	
17	41822612	油封9-15-4	Oil seal 9-15-4	1	
18	142002004	压紧杆F	Compression rod F	1	
19	S09019	螺钉M5×5	Screw M5×5	1	
20	141916003	中压脚A	Intermediate presser foot	1	
21					
22	41728025	平垫圈L3.5	Flat washer L3.5	1	
23	417S15011	螺钉SM3.57	Screw SM3.57	1	
24	142009018	中压脚滑块导架	Middle presser foot slider guide	1	
25	S05133	螺钉M4×12	Screw M4×12	2	

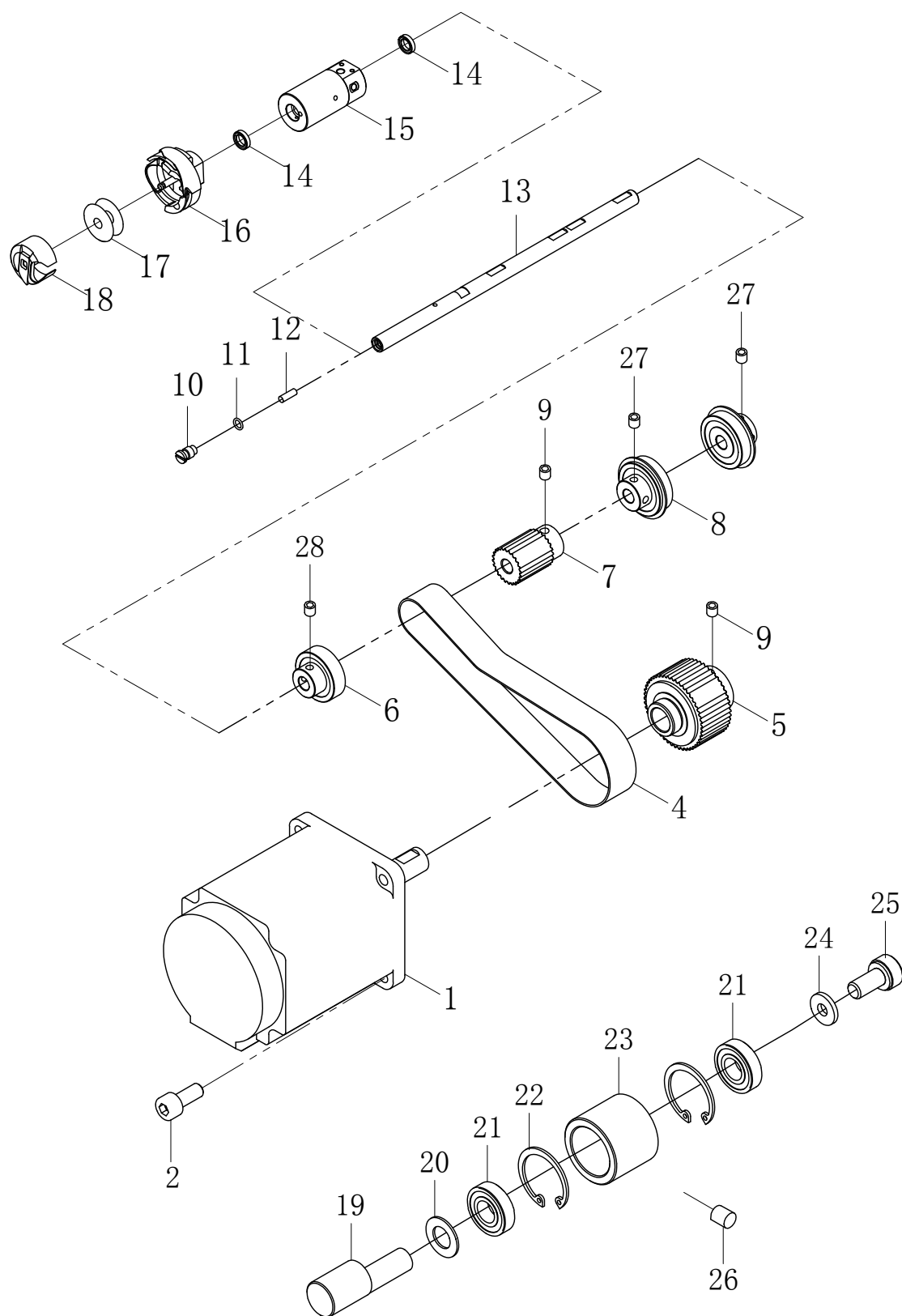
H、大压脚装置 / External work clamp mechanism



H、大压脚装置 / External work clamp mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	42230519	微型接头M-5HLH-4	Miniature connector M-5HLH-4	2	
2	142045019	压力调节器	Pressure regulator	1	
3	S05118	螺钉M4×16	Screw M4×16	2	
4	S05330	螺钉M3×45	Screw M3×45	4	
5	142045004	行程可调节气缸	Stroke adjustable cylinder 12-15D	1	
6	S05133	螺钉M4×12	Screw M4×12	2	
7	142045021	接头ASL4-M5	Connector ASL4-M5	2	
8	1421NS16002	六角螺母螺母M5	nut M5	1	
9	142001006	大压脚气缸安装板	Large presser foot cylinder mounting plate	1	
10	4250400600	浮动接头	Floating joint	1	
11	142009005	大压脚压杆导架	Large presser foot lever guide	1	
12	S05949	螺钉M4×8	Screw M4×8	1	
13	142002042	大压脚杆	Large presser foot rod	1	
14					
15	142003008	大压杆防尘轴套	Large pressure rod dustproof sleeve	1	
16	11522001	油封	Oil seal	1	
17	S05192	螺钉M3×6	Screw M3×6	2	
18	S05115	螺钉M4×6	Screw M4×6	2	
19	14251213700	大压脚K组件	Large presser foot K assembly	1	
20	S05115	螺钉M4×6	Screw M4×6	2	
21	142012237	铜管安装板F	Copper tube mounting plate F	1	
22	141845007	软管TUS0425N	Hose TUS0425N	1	
23	142021002	铜管	Copper tube	1	
24	41801064	铜管压板	Copper tube pressure plate	1	
25	42509004	导架滑槽	Guide Chute	1	
26	S05133	螺钉M4×12	Screw M4×12	2	
27	41845232	T形接管KJT04	T take over KJT04	1	
28	41845224	气管Φ4×Φ2.5	Trachea Φ4×2.5	0.2	
29	40736036	气管接头APY4(Y型三通)	Trachea joint APY4 (Y type tee)	1	
30	S05192	螺钉M3×6	Screw M3×12	2	
31	142012297	吹气安装板	Blowing mounting plate	1	
32	142021003	机针吹气铜管	Needle blowing copper tube	1	
33	41801064	铜管压板	Copper tube pressure plate	1	
34	417S30302	螺钉M4×12	Screw M4×12	2	

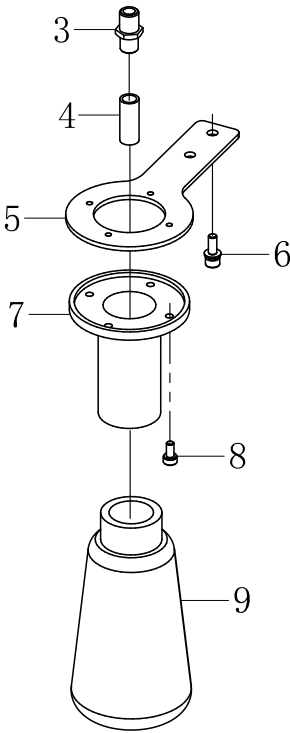
J、下轴装置 / Lower shaft mechanism



J、下轴装置 / Lower shaft mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142030050	主轴电机F	Spindle motor F	1	
2	421S13059	螺钉M5×20	Screw M5×20	4	
3					
4	142035007	同步带378-S3M	Synchronous Belt 378-S3M	1	
5	14203501000	下轴主动轮组件F	Lower axle drive wheel assembly	1	
6	142024017	一体轴承6200	One-piece bearing 6200	1	
7	142035009	下轴从动轮F	Driven Wheel F of lower axle	1	
8	142024016	一体轴承6201	One-piece bearing 6201	2	
9	S10019	紧定螺钉M6×6	Screw M6×6	4	
10	141803006	下轴油芯套	Lower shaft oil core sleeve	1	
11	141822002	O形圈3.6×0.8	O ring 3.6×0.8	1	
12	141823001	下轴限油芯	Lower shaft oil core	1	
13	142002037	下轴F	Lower shaft F	1	
14	11522001	油封	Oil seal	2	
15	142003026	下轴柱塞轴套	Lower shaft plunger sleeve	1	
16	41818101	广濑旋梭组件	Rotary	1	
17	142018007	两倍底线检测梭芯	Big bobbin	5	
18	42218002	梭壳	Bobbin case	1	
19	142002030	张紧轮偏心销	Tensioner pin	1	
20	41728001	平垫圈10	Flat washer 10	1	
21	B04036	轴承61900	Bearings 61900	2	
22	H01122	孔用弹性挡圈	Elastic retaining ring for holes	2	
23	142003028	张紧轮B	Tensioner	1	
24	41828611	平垫圈M5	Flat washer M5	1	
25	413S13010	螺钉M5×8	Screw M5×8	1	
26	S10019	螺钉M6×6	Screw M5×10	1	
27	S09019	螺钉M5×5	Screw M5×5	4	
28	S09019	螺钉M5×5	Screw M5×5	2	

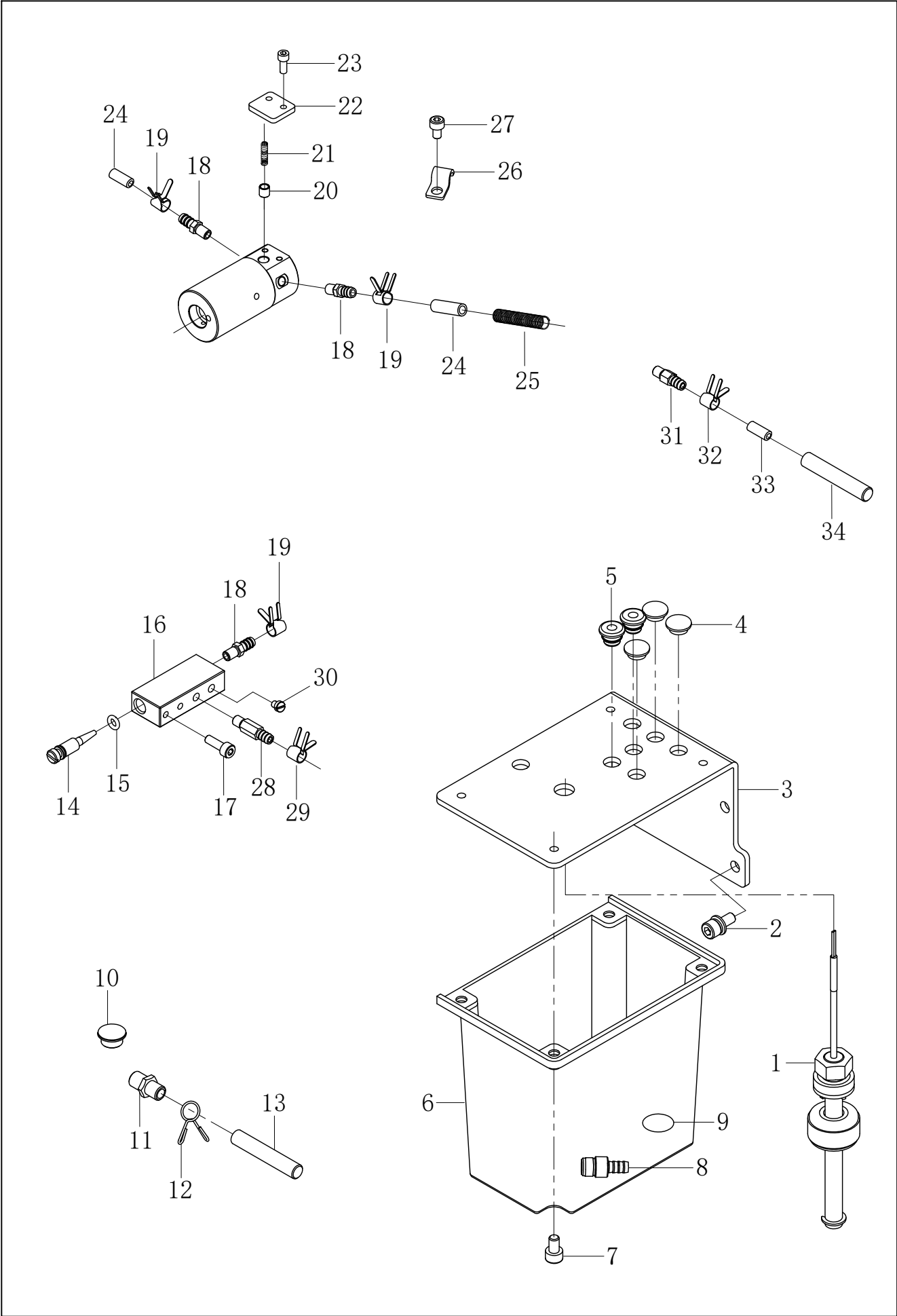
K1、供油润滑装置 / Lubrication mechanism



K1、供油润滑装置 / Lubrication mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1					
2					
3	12936004	油管嘴	OIL FEEDING PIPE	1	
4	12921006	维尼龙油管($\phi 6 \times \phi 8$)	Vinyon tubing ($\phi 6 \times \phi 8$)	0.3	
5	41812014	废油壶安装板	Waste oil pot mounting plate	1	
6	417S30306	螺钉(带垫圈)M5 $\times$ 15	Screw (with washer) M5 $\times$ 15	1	
7	40311010	油壶接头	Oiler connector	1	
8	421S10005	螺钉M3 $\times$ 6	Screw M3 $\times$ 6	4	
9	40311011	接油壶	Oil pot	1	

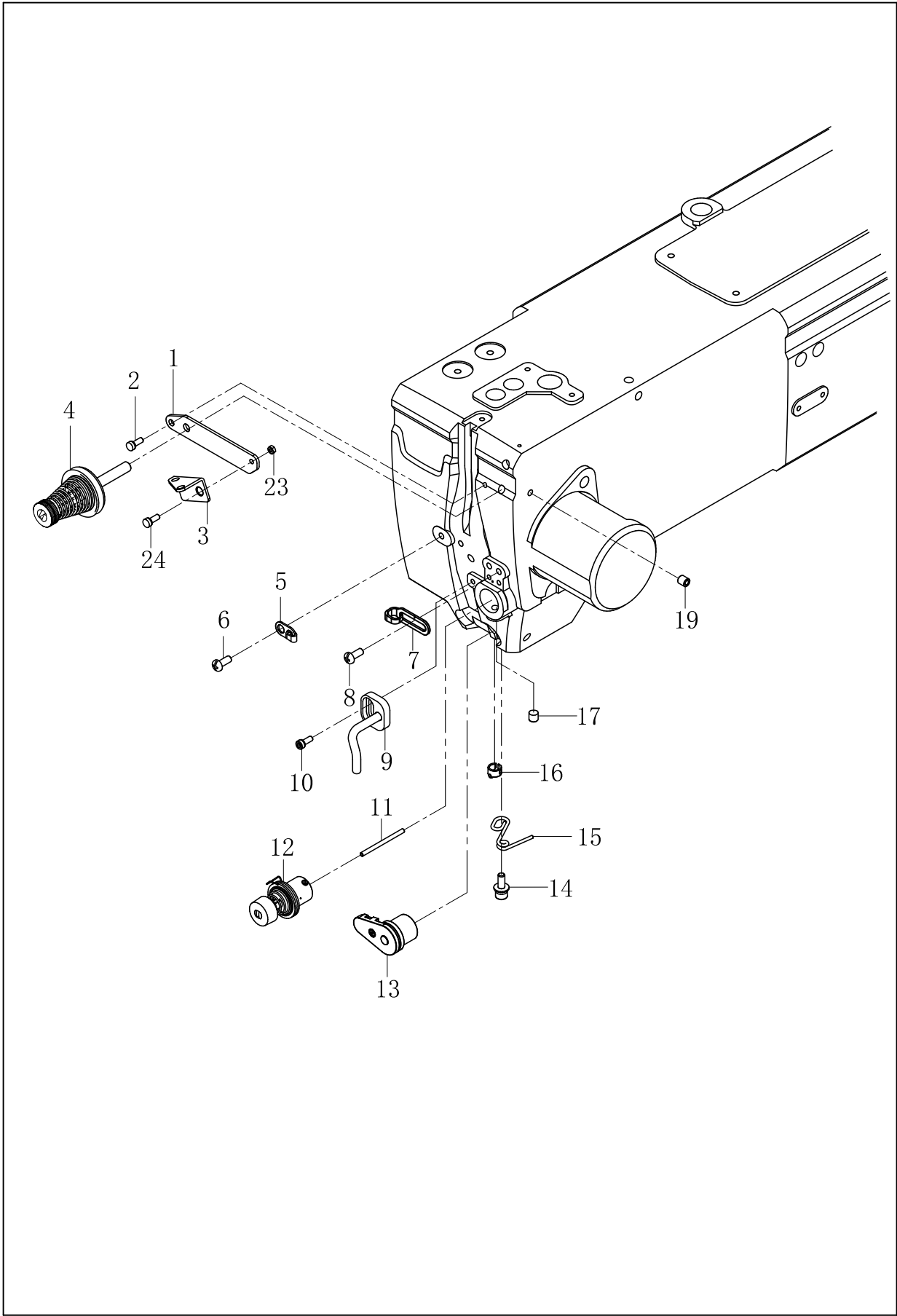
K2、旋梭供油装置 / Fusier oil supply mechanism



K2、旋梭供油装置 / Fusier oil supply mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142030003	油量报警器	Fuel volume alarm	1	
2	417S30036	螺钉M5×12	Screws M5×12	2	
3	142012045	油壶安装板	Oiler mounting plate	1	
4	41222002	橡皮塞	Rubber cap	3	
5	40322027	橡皮塞	Rubber cap	2	
6	41811228	油杯	Oil Cup	1	
7	413S13010	螺栓M5×8	Bolt M5×8	4	
8	4183601700	滤网组件	Filter assembly	1	
9	915624	磁铁15×1	Magnet 15×1	2	
10	41722003	橡皮塞10.5	Rubber cap 10.5	1	
11	12936004	油管嘴	OIL FEEDING PIPE	1	
12	12912038	油管夹	TUBE CLIP	1	
13	12921006	油管(Φ6×Φ8)	TUBE(Φ6×Φ8)	0.3	
14	418S30612	调节螺钉	Adjusting screw	1	
15	001004	O型橡胶密封圈4×1.8	rubber sealing ring 4×1.8	1	
16	142009002	调节阀座A	Regulating seat A	1	
17	S05133	螺钉M4×12	Screw M4×12	2	
18	41836015	油管嘴M5	OIL FEEDING PIPE M5	3	
19	11412055	油管卡簧6	Oil tube shap ring	3	
20	10526003	柱塞	Plunger	1	
21	11427021	柱塞弹簧	Plunger spring	1	
22	41812093	柱塞弹簧压板	Plunger spring pressure plate	1	
23	S05094	螺栓M3×8	Bolt M3×8	2	
24	12921002	维尼龙油管(Φ3xΦ5)	Vinyon tubing (Φ3×Φ5)	1	
25	142027001	回油管弹簧	Return pipe spring	1	
26	12912326	线夹	Wire clip	1	
27	S05115	螺钉M4×6	Screws M4×6	1	
28	142036001	加长油管嘴	Lengthened OIL FEEDING PIPE	1	
29	11412055	油管卡簧6	Oil pipe clamp spring 6	1	
30	S04030	螺钉M5×6	Screws M5×6	1	
31	12936004	油管嘴M5	OIL FEEDING PIPE M5	1	
32	12912038	油管卡簧6	Oil pipe clamp spring 6	1	
33	12921005	油管	TUBE	0.2	
34		黄腊管		0.3	

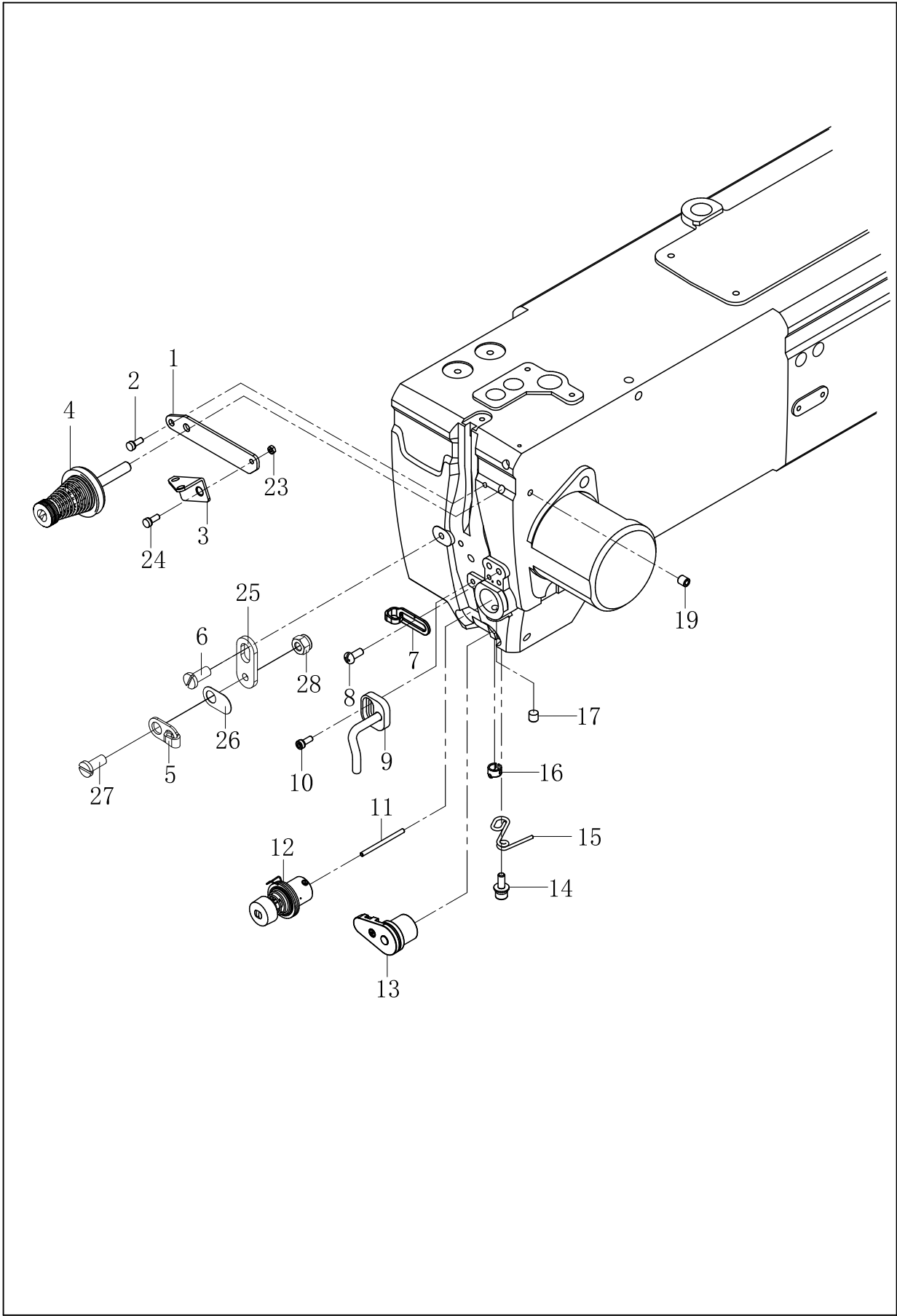
L、穿线装置 / Threading mechanism



L、穿线装置 / Threading mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142012241	线管支撑板	Line pipe support plate	1	
2	417S15008	螺钉M4×8	Screw M4×8	1	
3	41712077	过线导向A	ARM THREAD GUIDE A	1	
4	14201300400	副夹线器组件	Auxiliary wire clamp assembly	1	
5	141913011	左线钩	Left line hook	1	
6	S04078	螺钉M4×8	Screw M4×8	1	
7	40213010	右线钩	Right line hook	1	
8	S04078	螺钉M4×8	Screw M4×8	1	
9	14201300100	线勾组件	Line hook components	1	
10	S05133	螺钉M4×12	Screw M4×12	1	
11	142026012	松线杆	Slack rod	1	
12	141913005	主夹线器M	Main clamp M	1	
13	14203000900	电子夹线器组件	Electronic wire clamp assembly	1	
14	421S13012	螺钉(带垫圈)M4×10	Screw (with washer) M4×10	1	
15	142012012	线导向F	THREAD GUIDE F	1	
16	141912422	针杆线套	Needle rod thread sleeve	1	
17	S10019	螺钉M6×6	Screw M6×6	1	
18					
19	S09019	螺钉M5×5	Screw M5×5	1	
20					
21					
22					
23	407N01002	自锁螺母M4	Self locking nut M4	1	
24	417S15008	螺钉M4×8	Screw M4×8	1	

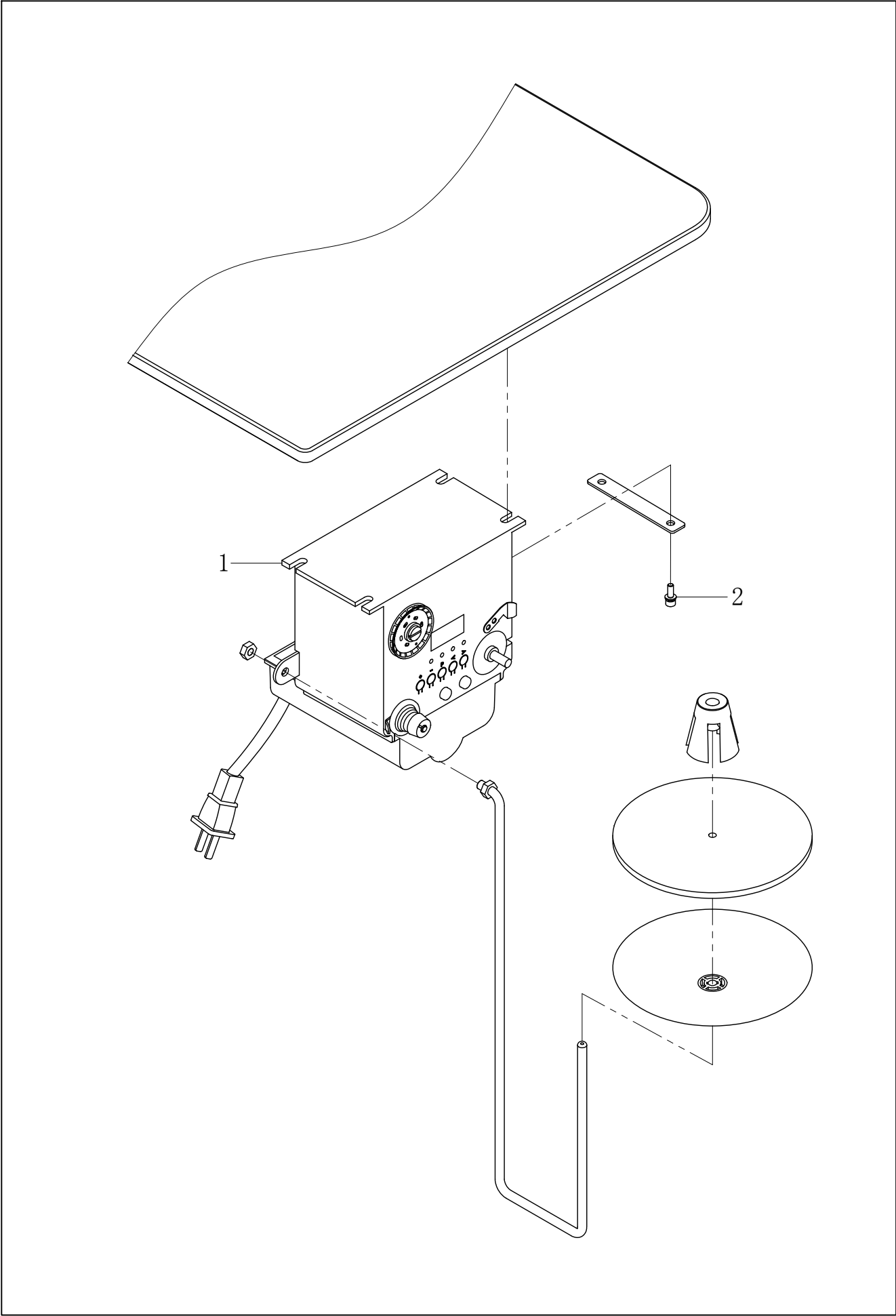
L、穿线装置 (P) / Threading mechanism (P)



L、穿线装置(P) / Threading mechanism(P)

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142012241	线管支撑板	Line pipe support plate	1	
2	417S15008	螺钉M4×8	Screw M4×8	1	
3	41712077	过线导向A	ARM THREAD GUIDE A	1	
4	14201300400	副夹线器组件	Auxiliary wire clamp assembly	1	
5	141913011	左线钩	Left line hook	1	
6	S04078	螺钉M4×8	Screw M4×8	1	
7	40213010	右线钩	Right line hook	1	
8	S04078	螺钉M4×8	Screw M4×8	1	
9	14201300100	线勾组件	Line hook components	1	
10	S05133	螺钉M4×12	Screw M4×12	1	
11	142026012	松线杆	Slack rod	1	
12	141913005	主夹线器M	Main clamp M	1	
13	14203000900	电子夹线器组件	Electronic wire clamp assembly	1	
14	421S13012	螺钉(带垫圈)M4×10	Screw (with washer) M4×10	1	
15	142012012	线导向F	THREAD GUIDE F	1	
16	141912422	针杆线套	Needle rod thread sleeve	1	
17	S10019	螺钉M6×6	Screw M6×6	1	
18					
19	S09019	螺钉M5×5		1	
20					
21					
22					
23	407N01002	自锁螺母M4	Screw M5×5	1	
24	417S15008	螺钉M4×8		1	
25	142012326	左线勾转接板		1	
26	142028016	挡线垫片		1	
27	S04078	螺钉M4×8	Self locking nut M4	1	
28	407N01002	自锁螺母M4	Screw M4×8	1	

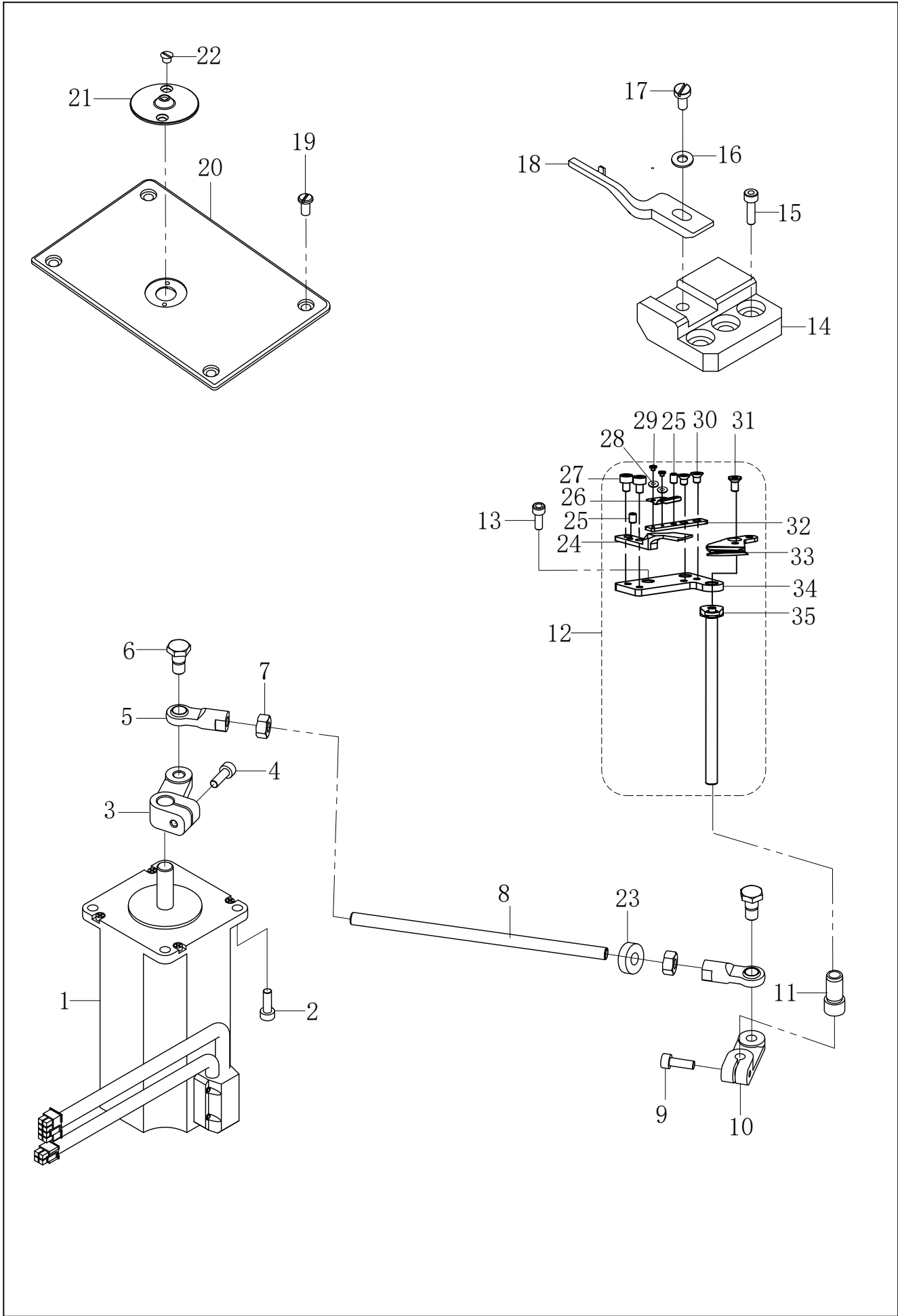
M、卷线装置 / Bobbin winder mechanism



M、卷线装置 / Bobbin winder mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	141931009	自动绕线器BOSHITE	Automatic winder BOSHITE	1	
2	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	

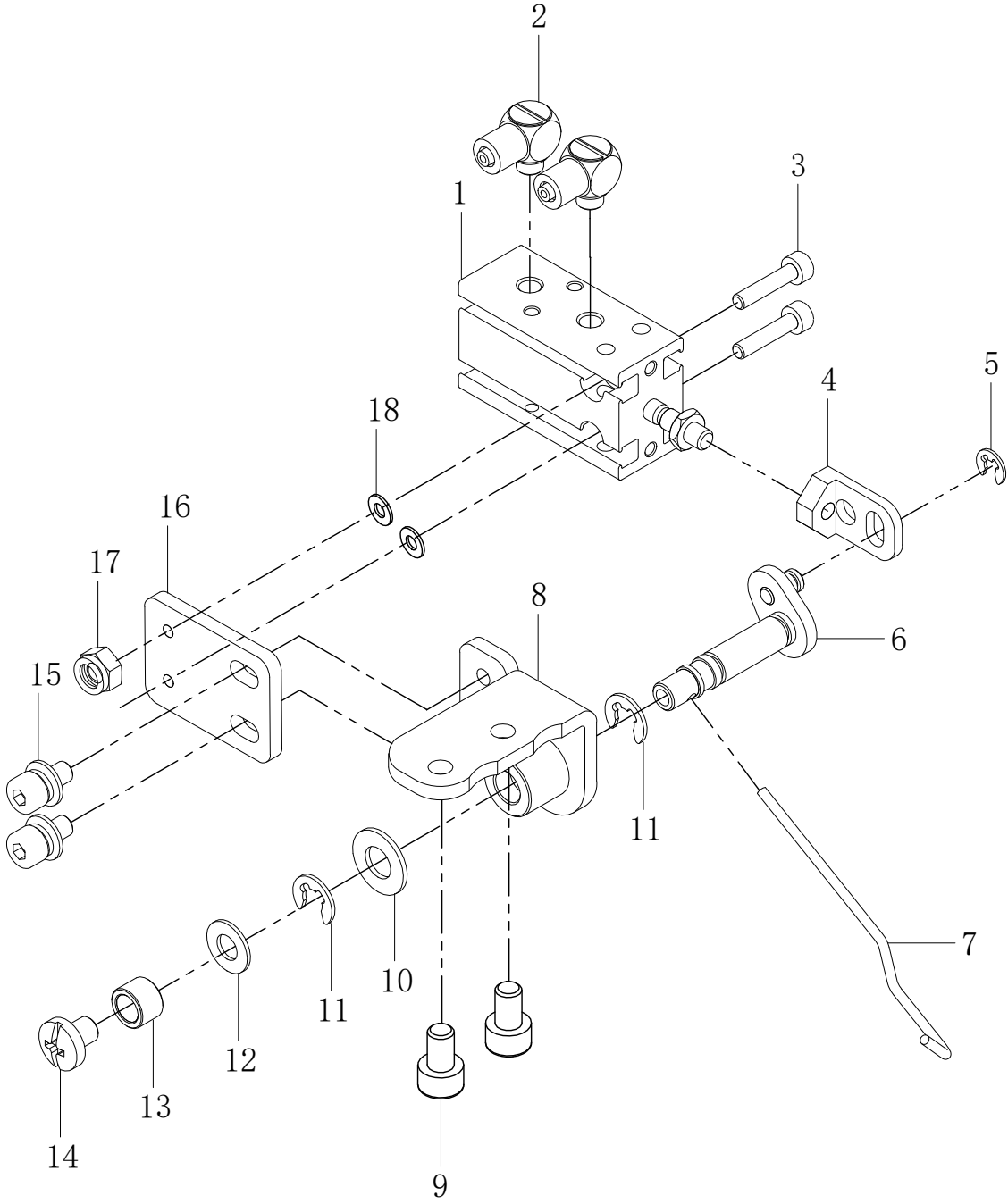
N、切线装置-平刀 / Thread trimmer mechanism



N、剪线装置-平刀 / Thread trimmer mechanism-Flat knife

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	42230534	切线电机	Tangent motor	1	
2	413S13011	螺钉M4×12	Screw M4×12	4	
3	41804021	切线驱动摆杆	Tangent drive oscillating bar	1	
4	S05118	螺钉M4×16	Screw M4×16	1	
5	4170500300	接头组件	Adapter assembly	2	
6	417S12005	段螺钉B	Screw	2	
7	205S16005	螺母M6	Nut M6	2	
8	142002036	剪线杆F	Thread cutting pole F	1	
9	413S13011	螺钉M4×12	Screw M4×12	1	
10	41804022	切线摆杆	Tangent oscillating bar	1	
11	41803021	长轴套0508	Long shaft sleeve 0508	1	
12	4181901100	切刀组件	Knife components	1	
13	413S13011	螺钉M4×12	Screw M4×12	2	
14	142001018	定位钩支座	Positioning hook support	1	
15	S05133	螺钉M4×12	Screw M4×12	3	
16	41728028	垫圈5	Washers 5	1	
17	116S11005	牙架曲柄螺钉	Screw	1	
18	42212555	定位钩	Positioning hook	1	
19	417S15008	螺钉M4×8	Screw M4×8	4	
20	142015001	针板	Needle plate	1	
21	141915008	针孔板Φ1.6T2.0（带槽）	Pinhole plate Φ1.6T2.0 (slotted)	1	
22	417S17001	螺钉SM2.38	Screw SM2.38	2	
23	41722010	缓冲橡胶圈	Cushioning rubber rings	1	
24	41819016	定刀	Fixed blade	1	
25	S09042	螺钉M3X4	Screw M3X4	2	
26	41812519	压线片	Pressure line piece	1	
27	S05047	内六角螺钉M3x4	An M3x4 hexagonal screw.	2	
28	GB/T95-2002	垫片	Shim	2	
29	GB/T818-2000	十字槽盘头螺钉M1.6x1.5	Cross-slot socket head screw M1.6x1.5	2	
30	GB/T819.1	十字槽沉头螺钉M3x4	Cross-slot recessed screw M3x4	2	
31	GB/T70.3-2000	内六角沉头螺钉M3x6	Hex recess head screw M3x6	1	
32	41812518	压线片安装板	Pressure line plate mounting board	1	
33	41819015	动刀	Use the knife.	1	
34	41812517	定刀安装板	Fixed blade mounting plate	1	
35	41819020	动刀杆	Move the cutting bar.	1	

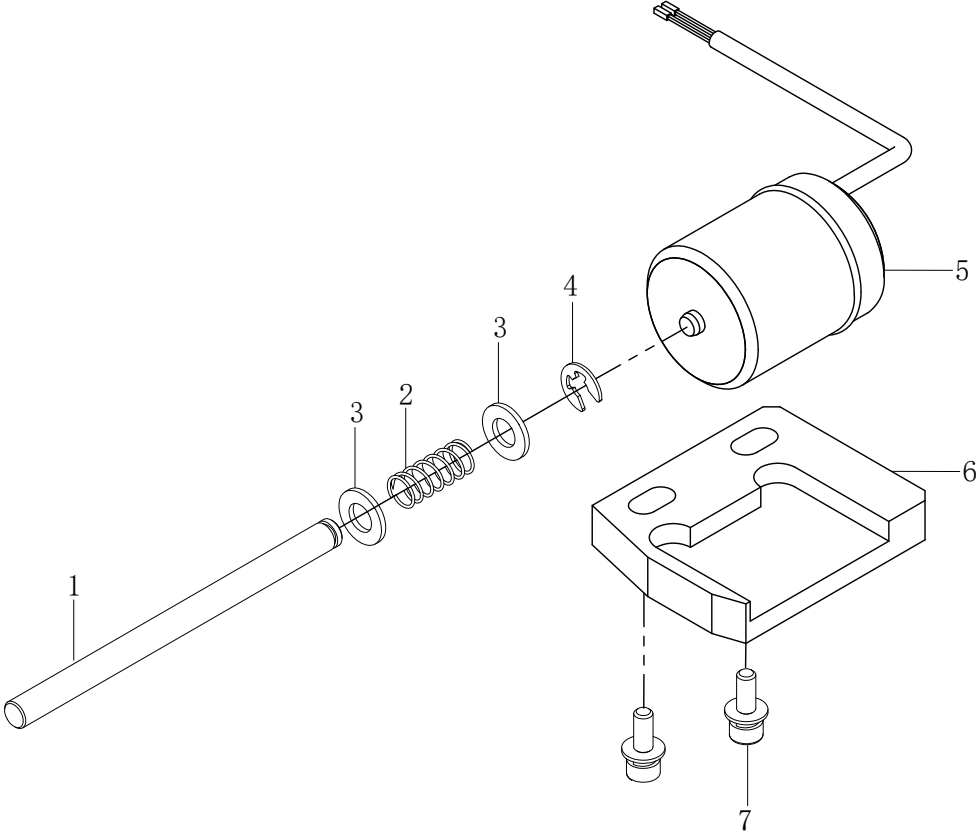
P、扫线装置 / Thread wiper mechanism



P、扫线装置 / Thread wiper mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142045020	扫线气缸		1	
2	42230519	微型接头M-5HLH-4		2	
3	S01591	内六角圆柱头螺钉M3×18		2	
4	142001037	扫线接头F		1	
5	H05002	开口挡圈3	Split ring E3	1	
6	14200203400	扫线曲柄组件F	Thread sweeping crank assembly F	1	
7	142527003	扫线钢丝	Wire sweeping wire	1	
8	14201225600	扫线轴支架组件F		1	
9	421S13035	内六角圆柱头螺钉M4×8		2	
10	W01015	垫圈6.5		1	
11	H05029	挡圈E4		2	
12	41728034	垫圈		1	
13	41708008	档线轴挡圈	Retaining shaft retaining ring	1	
14	417S15013	十字槽小盘头螺钉		1	
15	421S13035	内六角圆柱头螺钉M4×8（带垫圈）		2	
16	142012255	扫线气缸安装板F		1	
17	N08008	自锁螺母M3		2	
18	W01024	垫圈4		2	

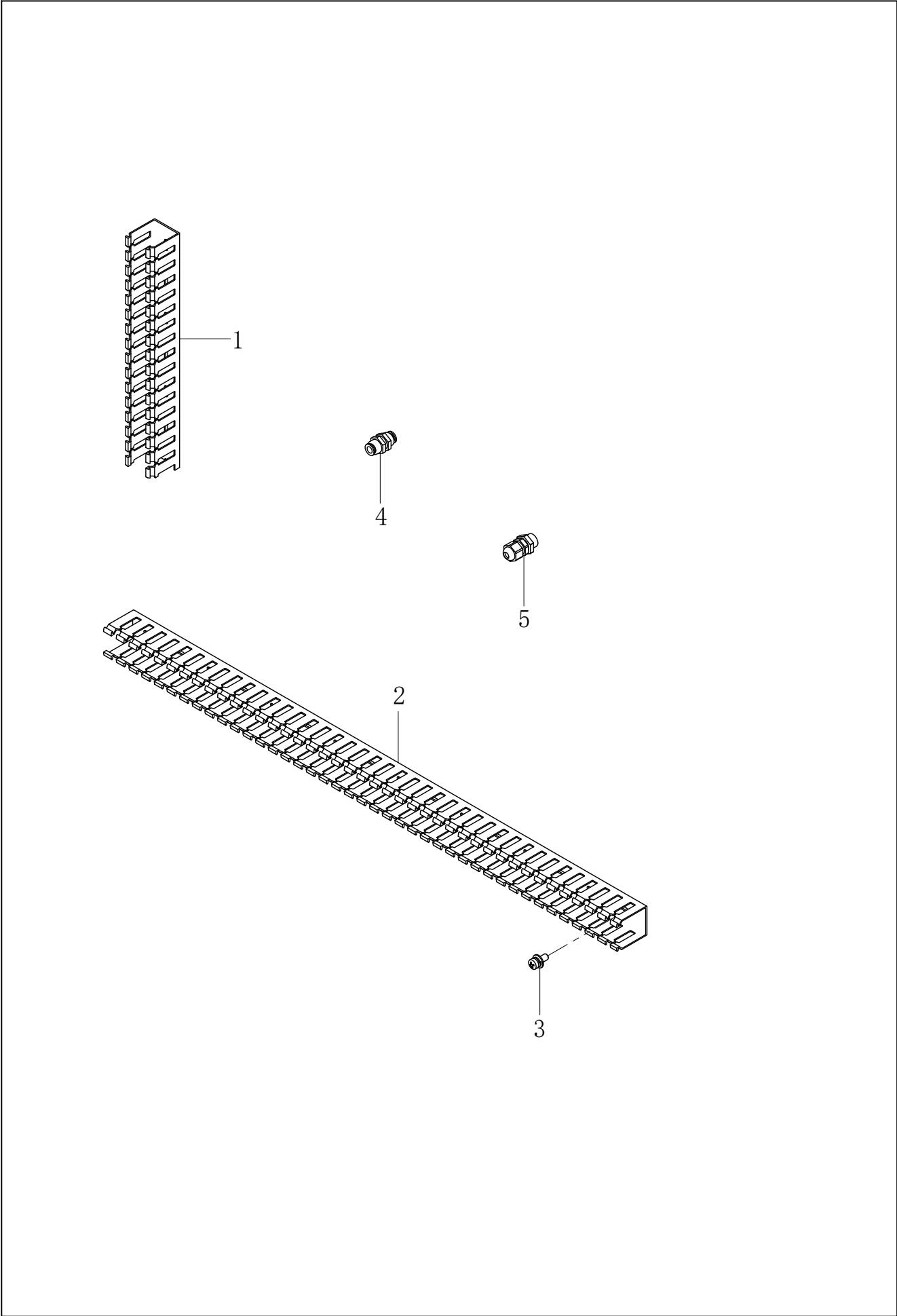
Q、松线装置 / Tension release mechanism



Q、松线装置 / Tension release mechanism

序号 No.	件号 Part.No.	零部件名称	NAME OF PARTS	数量 Amt
1	142026012	松线杆F	Loose pole F	1
2	10127003	弹簧	Spring	1
3	W01009	平垫圈5		2
4	H05029	开口挡圈E4(进口)		1
5	142030055	松线电磁铁F	Loose wire electromagnet F	1
6	142009016	松线电磁铁安装板		1
7	417S30034	内六角圆柱头螺钉		2

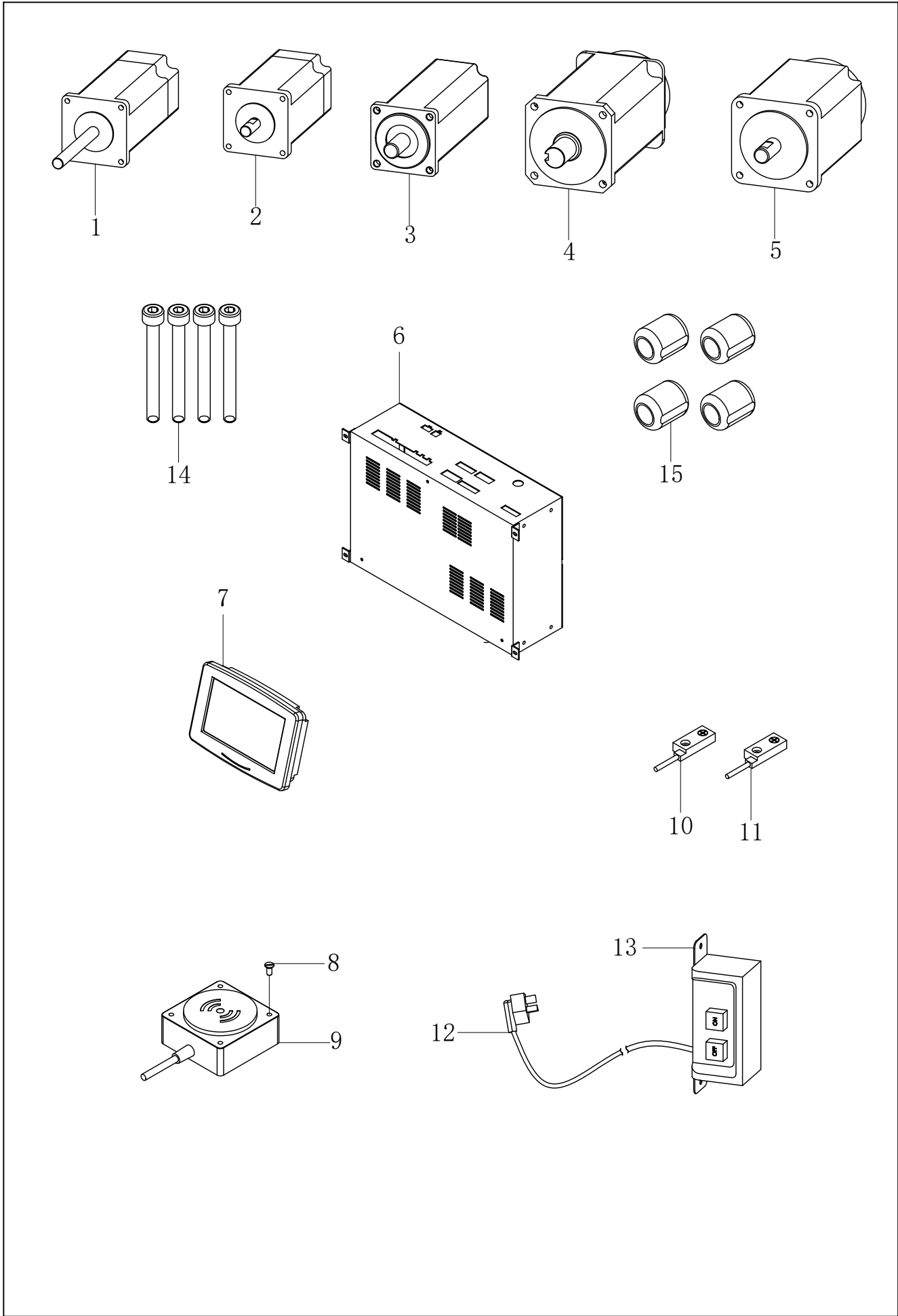
R1、电控柜装置 / Electric control box mechanism



R1、电控柜装置 / Electric control box mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142011008	线槽5040-320	Trunking 5040-320	1	
2	142011009	线槽5040-750	Trunking 5040-750	1	
3	417S30025	螺钉(带垫圈)M4×10DB	Screw(with washer) M4×10DB	6	
4	41845022	出气口	Outlet for air	1	
5	41811215	出线口	Outlet for thread	1	

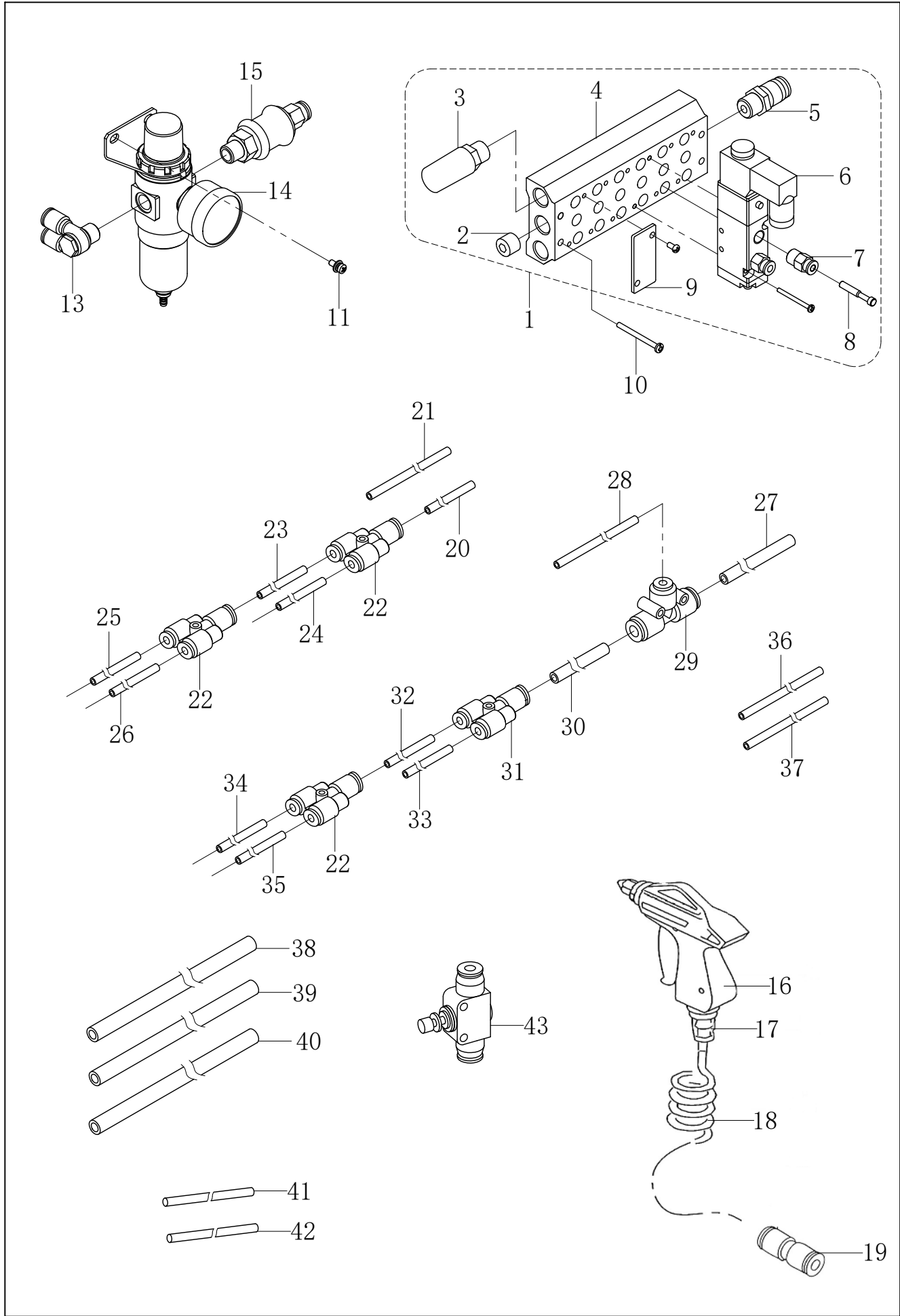
R2、控制箱装置(S/D) / Control box mechanism (S/D)



R2、控制箱装置(S/T) / Control box mechanism (S/T)

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	142033013	中压脚电机F	Medium presser foot motor	1	
2	142033003	模组电机	Modular motor	1	
3	141930057	X伺服电机(高压)	X screw servo motor	1	
4	141933024	Y丝杆电机(高压)	Y screw motor	1	
5	142030050	主轴电机F	Main shaft motor F	2	
6	142030066	星火电控DP-05	Xinghuo control box DP-05	1	
6	142030052	星火电控V2BP-05	Xinghuo control box V2BP-05	1	T
7	41830641	显示屏V2CP	Panel V2CP	1	
8	S02039	开槽沉头螺钉M4×9	Slotted countersunk head screws M4×9	2	
9	142030004	射频识别器	RFID	1	
10	41730851	X传感器	X Sensor	1	
11	41730851	Y传感器	Y Sensor	1	
12	142030054	主电源开关线	Main power switch line	1	
13	41830213	押扣开关	Snap switch	1	
14	S05065	螺钉M4×40	Screw M4×40	4	
15	61301012	磁环ZCAT	Magnetic ring ZCAT	4	

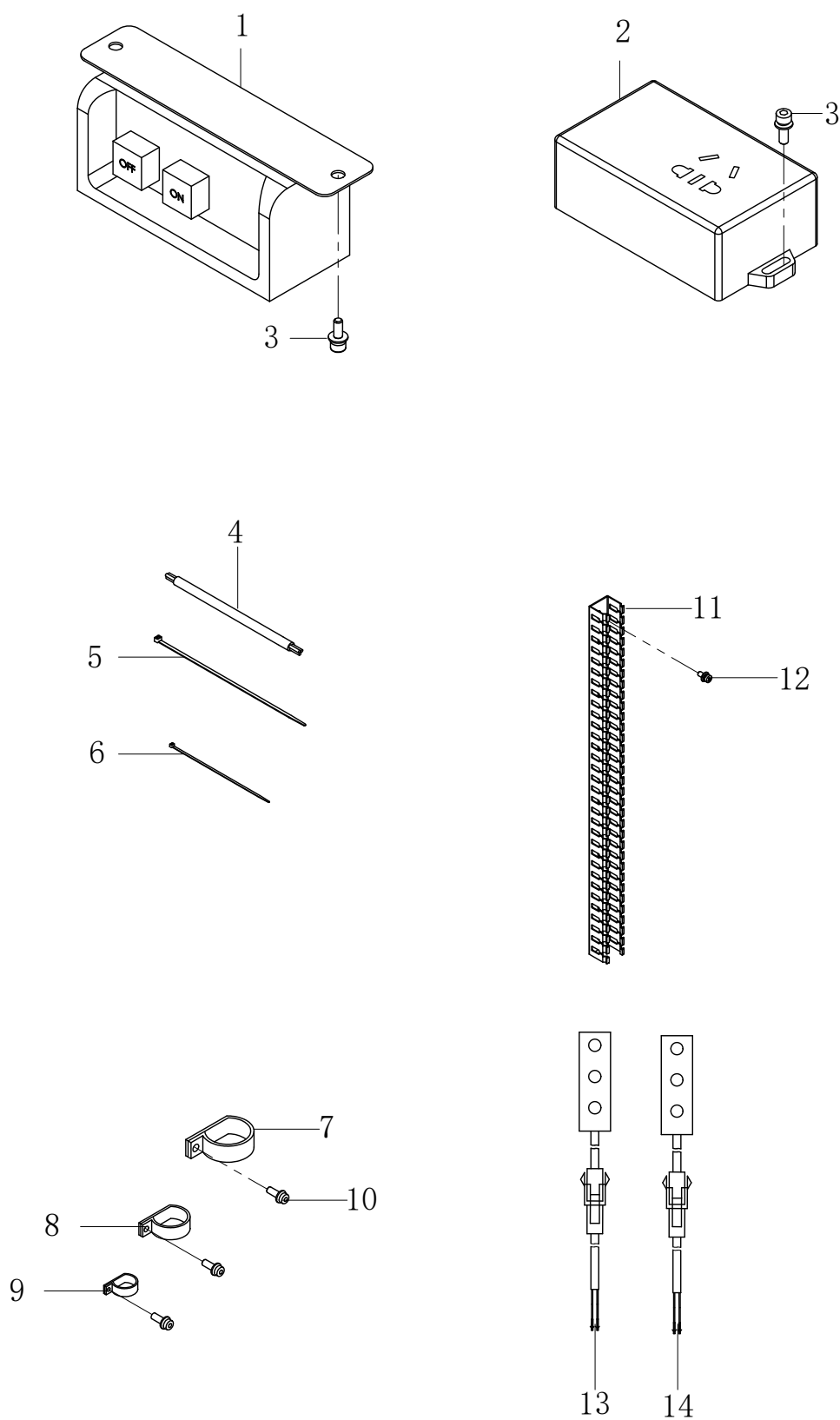
S、空压装置 / Air pressure mechanism



S、空压装置 / Air pressure mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	14194501700	六位四通电磁阀		1	
1	14204501400	六位五通电磁阀		1	F11
2	41845219	内六角堵头ABP02	Inner Hexagon plug ABP02	3	
3	41845214	消音器PAL02	Silencer PAL02	2	
4	41845021	双通汇流板100M6F	Double-pass manifold 100M6F	1	
5	40736021	接头PL802	Connector PL802	1	
6	41845212	电磁阀4V110-06-B	The electromagnetic valve 4V110-06-B	3	
7	41845222	螺纹直通APC4-01	Tube joints APC4-01	6	
7	40736018	螺纹直通APC6-02	Trachea joint APG6	1	
8	42122001	快换插头KQ2P-04	Quick change plug KQ2P-04	1	
9	41845213	盲盖100M	Blind cover 100M	3	
10	421S11013	螺钉M4×35	Screw M4×35	4	
11	417S30025	螺钉(带垫圈)M4×10DB	Screw(with washer) M4x10DB	2	
12					
13	42236512	气管接头APC8-02	Trachea joint APC8-02	1	
14	141845004	气源处理元件AW20	Air Source Treatment Components AW20	1	
15	141945405	手滑阀M	Hand slide valve M	1	
16	41845220	气枪AG-B	Air gun AG-B	1	
17	40736018	螺纹直通APC6-02	Tube joints APC6-02	1	
18	185245047	螺旋气管 (3mφ6)	Spiral trachea (3mφ6)	1	
19	40736022	气管接头APG6	Trachea joint APG6	1	
20	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	0.2	
21	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	3.2	压框
22	40736036	气管接头APY4(Y型三通)	Trachea joint APY4 (Y type tee)	5	
23	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	0.1	
24	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	3	压框
25	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	3.5	顶柱气缸
26	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	2.9	顶柱气缸
27	142045009	气管φ6	Trachea φ6	0.4	
28	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	2.5	上吹气
29	142045007	气管接头三通	Trachea joint	1	
30	142045009	气管φ6	Trachea φ6	2.6	
31	140736004	气管接头KQ2004-06A	Trachea joint	1	
32	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	2	
33	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	2	底线吹气
34	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	0.3	下吹气1
35	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	0.3	下吹气2
36	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5	6	大压脚+扫线
37	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 (black)	6	大压脚+扫线
38	42221503	气管φ8	Trachea φ8	0.2	
39	42221503	气管φ8	Trachea φ8	3.2	
40	42221503	气管φ8	Trachea φ8	4.2	
41	142144001	色带	Ribbon	2.4	
42	142122003	号码管4	Number sleeve 4	2.4	
43	41845232	T形接管KIT04	T-shaped tube KIT04	2	

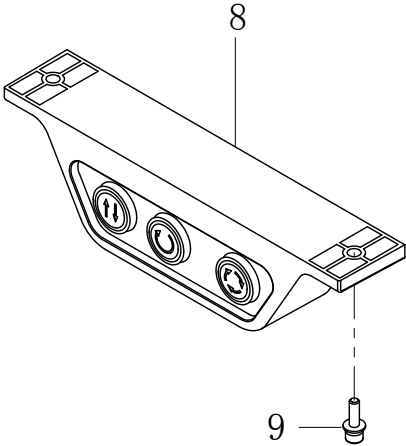
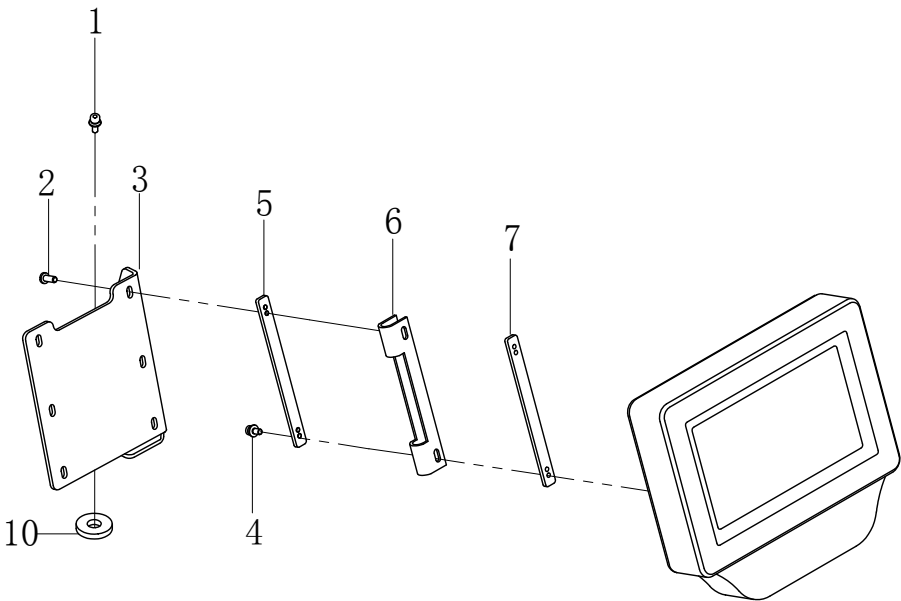
S2、电器部分 / Power supply equipment



S2、电器部分 / Power supply equipment

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	41830213	押扣开关		1	
2	41830021	插线板A01	Plug board A01	1	
3	417S30302	螺钉(带垫圈)M4×12	Screw(with washer)M4×12	4	
4	99200037	控制器电源线	Controller power cord	0.4	
5	61910001	大扎带	Big cable tie	10	
6	61910003	小扎带	Small cable tie	30	
7	41711026	电线夹23	Wire clip 23	2	
8	41711015	电线夹13.2	Wire clip 13.2	4	
9	41711014	电线夹6.4	Wire clip 6.4	3	
10	417S30025	螺钉(带垫圈)M4×10DB	Screw(with washer) M4×10DB	7	
11	142011005	线槽4040-300	Trunking 4040-300	1	
12	417S30025	螺钉(带垫圈)M4×10DB	Screw(with washer) M4×10DB	2	
13	142030001	LED灯	LED light	1	
14	142030001	LED灯	LED light	1	
15	41831617	黄腊管	Yellow wax tube	0.6	
16	421S13035	螺钉M4×8	Screw M4×8	2	
17	41837611	电磁泵警告标贴	Waming label electromagnetic pump	1	
18	41837612	高压危险标贴	High voltage electrical hazad labeling	2	
19	41837613	重心标贴	Centroid label	2	
20	41837614	机械防撞标贴	Mechanical anti-collision labeling	2	
21	41837615	电源线警告标贴	Power cord labeling	1	
22	20131063	警告标志	Waming label	1	
23	142037002	油量标贴	Oil label	1	
24	142037004	台面折叠注意标贴	Folding the table top label	2	
25	41837101	油量调节标贴	Fuel adjustment label	1	
26	140237002	警告牌(护手)		1	
27	142037007	急停开关标贴		1	
28	42311004	缠绕管φ10	Winding tube φ10	1.5	

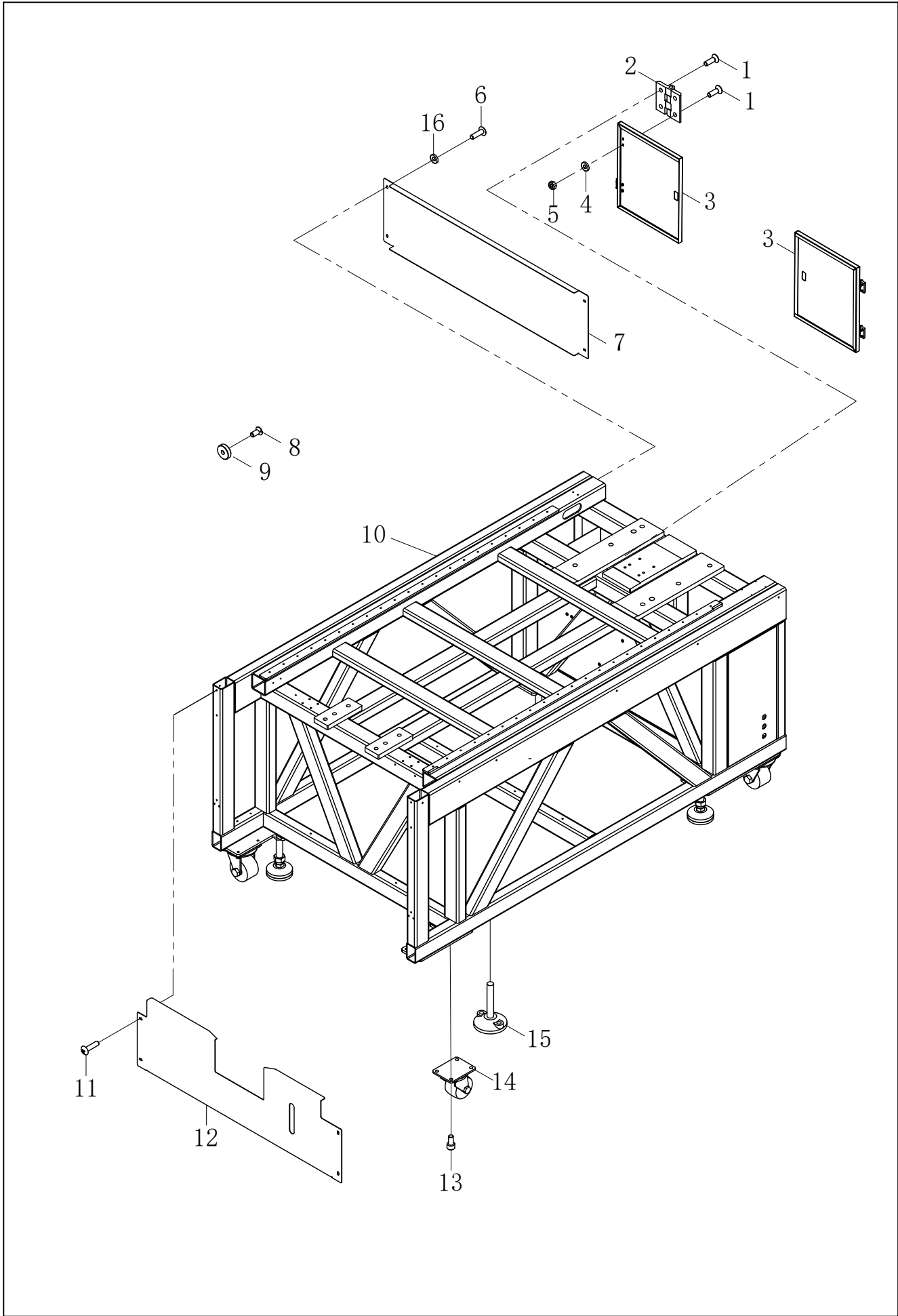
T、操作界面装置 / Operation interface mechanism



T、操作界面装置 / Operation interface mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	417S30036	螺钉(带垫圈)M5×12	Screw(with washer)M5×12	2	
2	421S13012	螺钉(带垫圈)M4×10	Screw(with washer)M4×10	4	
3	930001194	显示屏支架		1	142012251
4	417S15008	螺钉M4×8	Screw M4×8	4	
5	142012050	压板2M	Pressure plate 2M	2	
6	142022003	减振垫	Damping pad	2	
7	142012051	压板2孔	Pressure plate 2 holes	2	
8	142030036	开关盒组件	Switch box mounting assembly	1	
9	417S30036	螺钉(带垫圈)M5×12	Screw (with washer) M5×12	2	
10	41822012	减振垫圈	Damping washer	2	

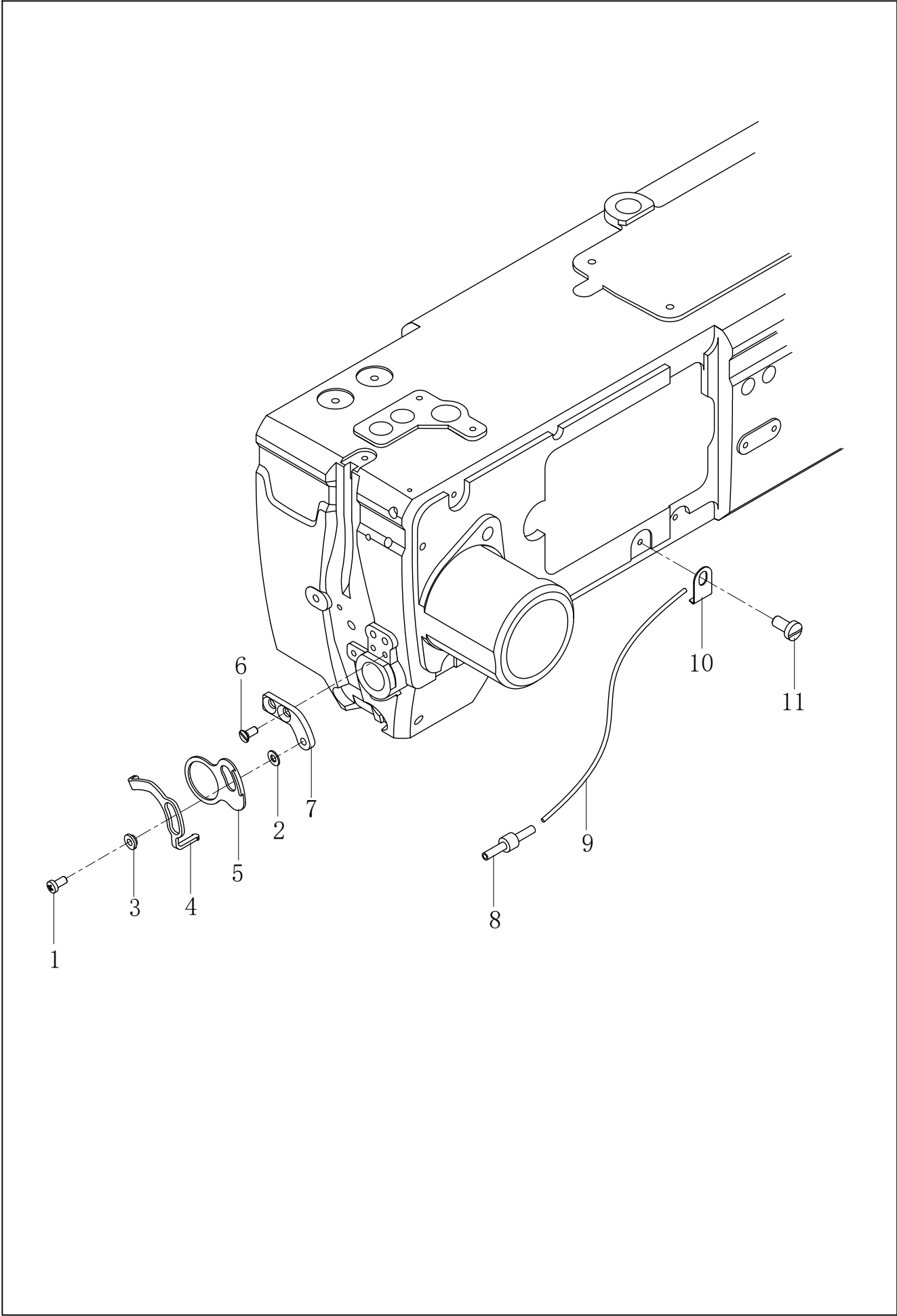
U、机架部分 / Table mechanism



U、机架部分 / Table mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt	备注
1	417S17852	内六角沉头螺钉		16	
2	41831016	电控柜合页	Electric control cabinet hinge	4	
3	930001196	电控柜门	door of electric control cabinet	2	142012247
4	W01001	平垫圈4	Flat washer 4	8	
5	407N01001	自锁螺母M5	Self-locking nut M5	8	
6	1420NS10001	十字大扁头螺钉M5×10	Phillips flat head screws M5×10	5	
7	930001197	机架后盖板F	Rack rear cover F	1	142032134
8	407S17001	十字沉头螺钉		4	
9	142047002	圆磁铁15	Round magnet 15	4	
10	930001195	机架焊合组件(加工图)	Rack components	1	14203213600
11	1420NS10001	十字大扁头螺钉M5×10	Phillips flat head screws M5×10	4	
12	930001198	机架前盖板F	Rack front cover F	1	142032133
13	701S13002	内六角圆柱头螺钉	Hexagon socket head cap screw	16	
14	42232502	脚轮	Caster	4	
15	141831042	铁脚垫M20	Caster M20	5	
16	41828611	平垫圈M5	Flat washer M5	5	

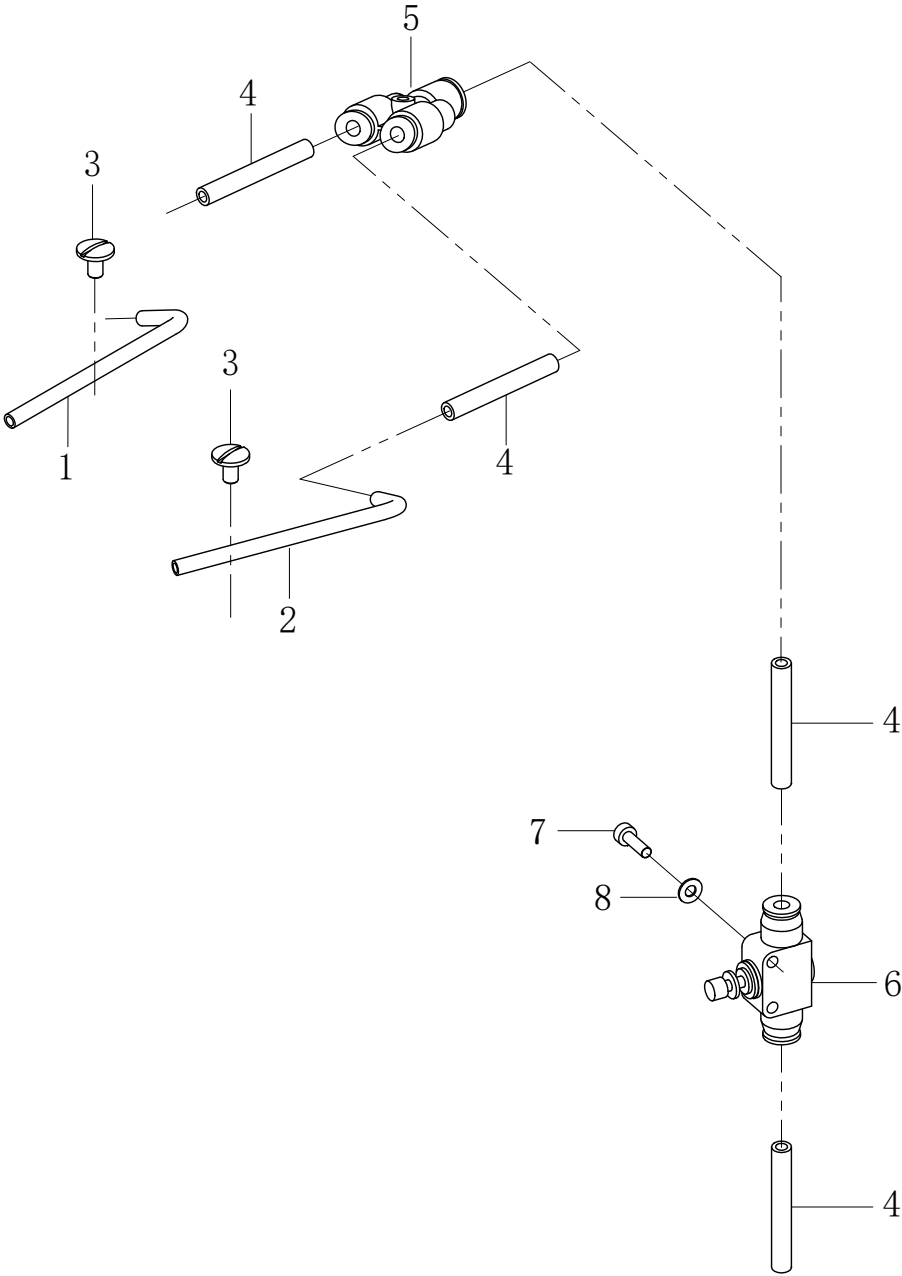
V、断线感应装置 / Thread breakage detector mechanism



V、断线感应装置 / Thread breakage detector mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	S04078	螺钉M4×8	Screw M4×8	1	
2					
3	41711053	传感器外绝缘片	Sensor outer insulation sheet	1	
4	42212837	感应铜片	Induction copper	1	
5	41711054	传感器内绝缘片	Sensor inter insulation sheet	1	
6	S02039	螺钉M4×9	Screw M4×9	2	
7	142012252	感应器安装板		1	
8		热缩管		0.04	
9		单芯线	Single core	2	电控标配
10	142012254	线夹	Wire clip	2	
11	417S15008	螺钉M4×8	Screw M4×8	2	

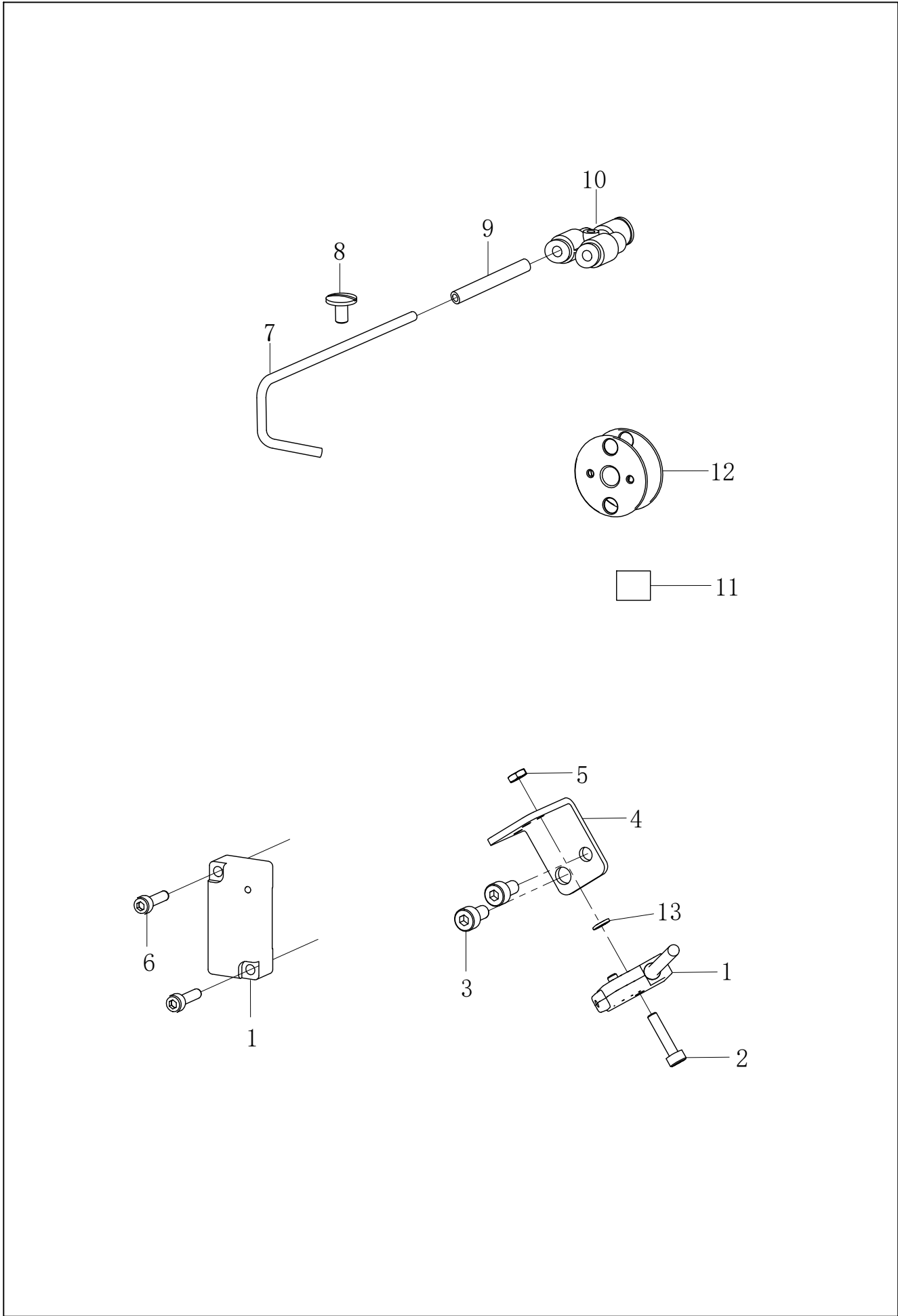
W1、吹气装置 / Air-blowing device



W1、吹气装置 / Air-blowing device

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	141821005	吹气铜管	Blowing copper pipe	1	
2	141821005	吹气铜管	Blowing copper pipe	1	
3	418S30218	一字球面圆柱头螺钉M4×	Slotted cylindrical head screws M4×7	2	
4	41845224	气管 φ4×2.5黑色	Trachea φ4×2.5 black	1	
5	40736036	气管接头APY4(Y型三通)	Trachea joint APY4 (Y type tee)	1	
6	41845232	T形接管KJT04	T take over KJT04	1	
7	W01002	M3垫片	M3 gasket	2	
8	S01591	螺钉M3×18	Screw M3×18	2	

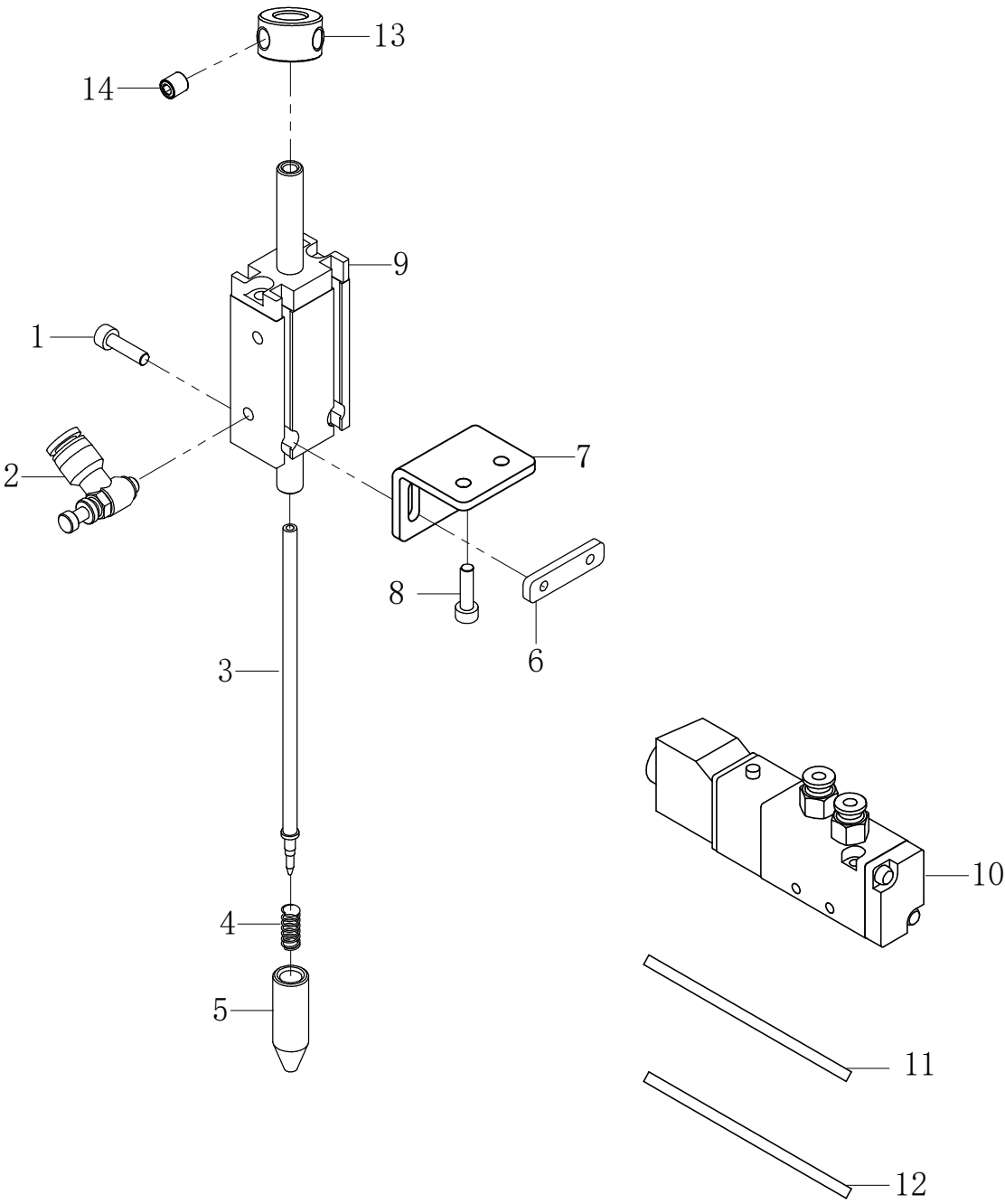
W2、底线检测装置 / Bottom line detection mechanism



W2、底线检测 / Bottom line detection

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	14183000400	MT-90C-43-006底线检测传感器		1	
2	413S14012	JK-T1790S-0159螺钉(切换)		1	
3	417S30302	JK-T3020-01-061螺栓(带垫圈)M4×12		2	
4	141812028	MS-90A-34-002传感器支架C		1	
5	N08008	GB/T889.1非金属嵌件六角锁紧螺母M3		1	
6	413S14012	JK-T1790S-0159螺钉(切换)		2	
7	142016002	MS-100A-3001铜管G(控制数量)		1	
8	418S30218	JK-T10080B-06-034螺钉M4×7		2	
9	41845224	JK-T10080B-20-014气管 φ4×2.5黑色		0.5	
10	40736036	气管接头APY4(Y型三通)		1	
11	42130028	JK-T5878-68-2611反射纸		40	
12	142018007	两倍底线检测梭芯		1	
13	W01002	GB/T 97.1平垫圈3(切换)		1	
14	W01009	GB/T 97.1平垫圈 5(镀锌)		3	

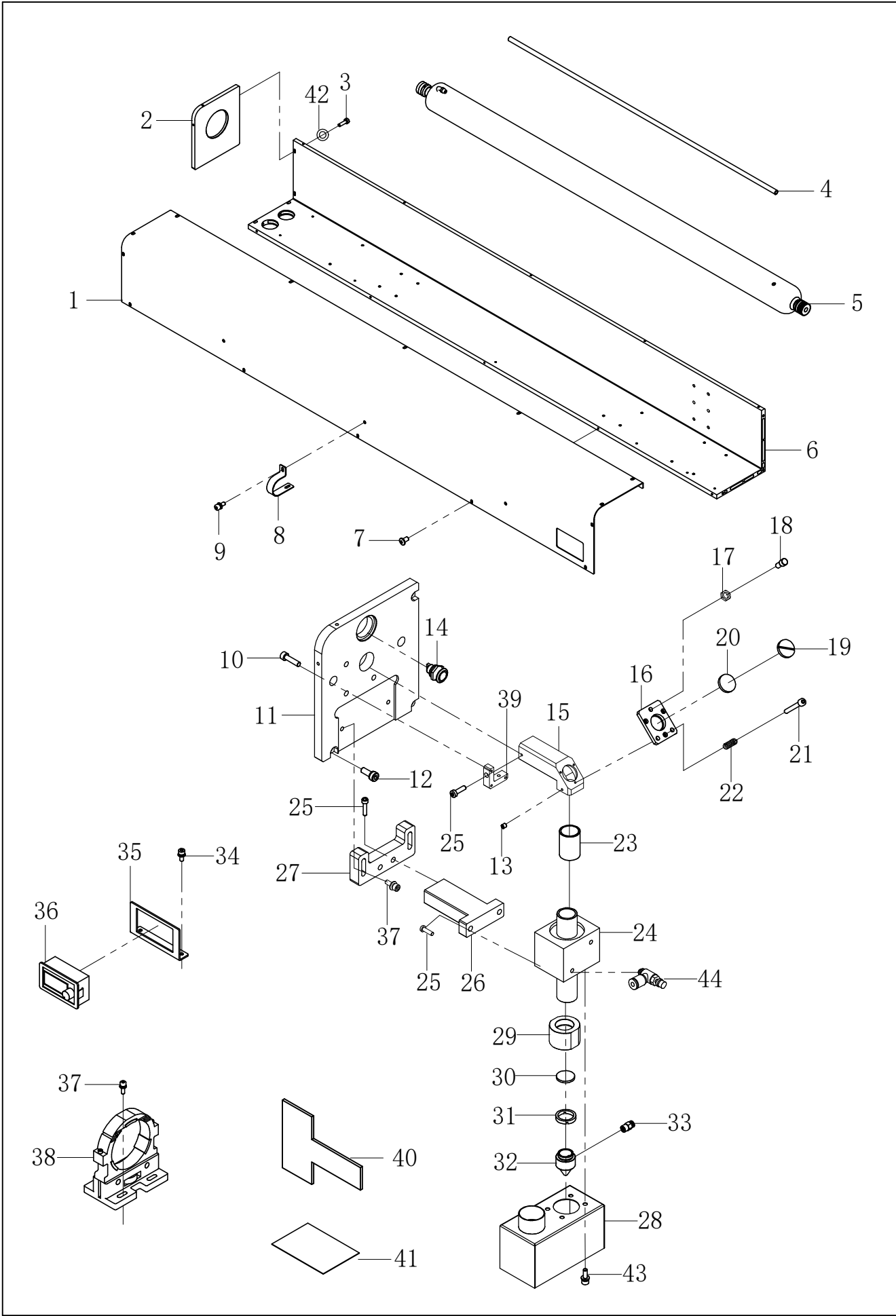
X3、点笔装置 / Marking device



X3、点笔装置 / Marking device

序号 No.	件号 Part No.	零部件名称	NAME OF PARTS	数量 Amt	备注
1	S05119	螺栓M4×20(滚花,镀镍)	Screw M4×20	2	
2	41845231	接头ASL4-M5	Connector ASL4-M5	2	
3	41811302	点笔笔芯	Marking pen refill	1	
4	41827302	点笔弹簧	Marking pen spring	1	
5	418S16304	点笔杆锁帽	Marking pen lock cap	1	
6	141812215	气缸调节片	Cylinder regulator	1	
7	142012240	点笔气缸安装板F	Marking device cylinder mounting plate F	1	
8	S05133	内六角圆柱头螺钉M4×12	Screw M4×12	2	
9	142045001	气缸CMDD16×25	Air Cylinder CMDD16×25	1	
10	141945029	电磁阀4v210-06	Solenoid valve 4v210-06	1	
11	41845224	气管φ4×2.5黑色	Trachea φ4×2.5 black	3M	
12	41845223	气管φ4×2.5透明蓝	Trachea φ4×2.5 transparent blue	3M	
13	41708002	紧圈B	Tight ring B	1	
14	S10019	螺钉M6×6	Screw M6×6	2	

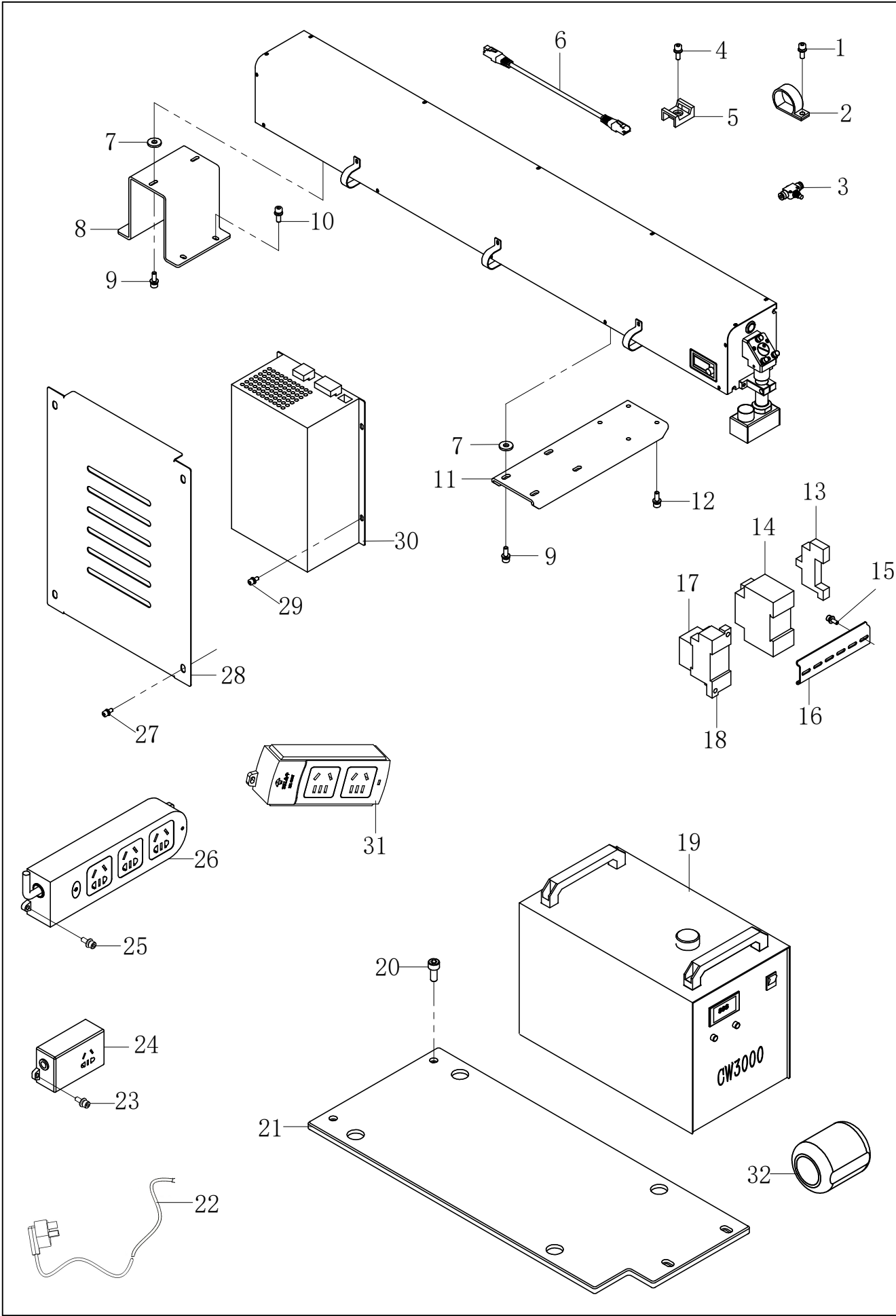
X4、激光切割装置 / Laser cutting mechanism



X4、激光切割装置 / Laser cutting mechanism

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	930001425	激光装置上盖F	Upper cover of shell D	1	142012289
2	142042008	腔体后盖板	Chamber rear cover plate	1	
3	S05118	螺钉M4×16	Screw M4×16	3	
4	41822701	水管	Water pipe	8	
5	142030015	激光管	Laser tube	1	
6	142042095	激光腔体底板F	Shell bottom plate F	1	
7	421S10022	螺钉M4×6	Screw M4×6	14	
8	142012220	排烟管夹B	Smoke exhaust pipe clamp B	3	
9	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	8	
10	S05026	螺钉M5×20	Screw M5×20	2	
11	142042086	激光装置面板F	Laser device panel F	1	
12	S05124	螺钉M5×16	Screw M5×16	3	
13	S09019	螺钉M5×5	Screw M5×5	3	
14	142030014	点动开关M22	Inching switch	1	
15	142042084	反射镜安装座F	Reflector mounting base	1	
16	142009007	反射镜调节板	Reflector mounting plate	1	
17	1420NS16007	反射镜调节螺母	Mirror adjusting nut	3	
18	1420NS20004	激光调节铜螺钉	Screw	3	
19	142008004	反射镜固定圈	Mirror fixing ring	1	
20	41811631	硅反射镜	Silicon mirror	1	
21	S05064	螺钉M4×30	Screw M4×30	3	
22	142027002	反射镜弹簧	Mirror spring	3	
23	142042098	光筒C	Light tube C	1	
24	142045025	气缸MD32×15	Cylinder MD32×15	1	
25	S05124	螺钉M5×16	Screw M5×16	6	
26	142042097	升降气缸转接座B	Lifting cylinder adapter seat	1	
27	142042096	升降气缸安装调节座A	Lifting cylinder mounting adjustment seat A	1	
28	930002017	升降式排烟罩	Lifting hood	1	142012303
29	142042099	升降式聚焦镜固定筒	Lifting focusing mirror fixing cylinder	1	
30	41830701	聚焦镜	Focusing lens	1	
31	141908026	聚焦镜固定圈	Fixed ring of focusing lens	1	
32	142002016	出光口B	Light outlet B	1	
33	41845222	螺纹直通APC4-01	Tube joints APC4-01	1	
34	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	2	
35	142012219	电位器安装板B	Potentiometer mounting plate	1	
36	142030011	一体式电位器	Integrated potentiometer	1	
37	421S13059	螺钉(带垫圈)M5×20	Screw (with washer) M5×20	8	
38	142011015	激光管支架80	Laser tube bracket 80	2	
39	142042085	反射镜安装座定位板	Reflector mounting seat positioning plate	1	
40	142012278	镜片螺母拆装板	Lens nut disassembly plate	1	
41	141831047	激光调对中用纸	Laser alignment paper	1	
42	41728028	垫圈5	Gasket 5	3	
43	417S30036	螺钉M5×12(带垫圈)	Screw M5×12 (with washer)	4	
44	41845231	接头ASL4-M5	Connector ASL4-M5	2	
45	141942049	隔套	Spacer	1	

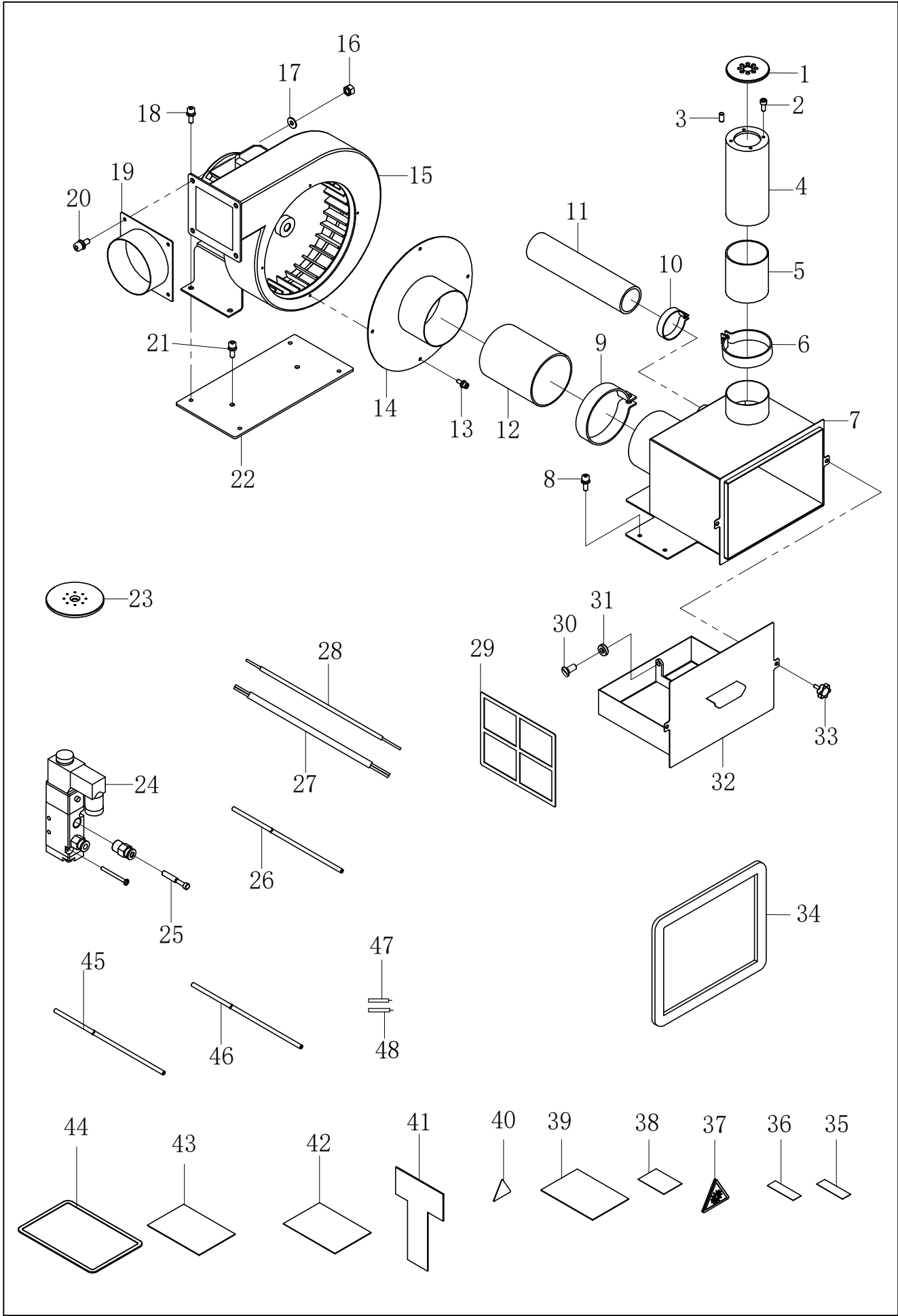
X5、激光切割控制部分 / Laser cutting control part



X5、激光切割控制部分 / Laser cutting control part

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	3	
2	41711025	电线夹19	Wire clip 19	3	
3	41845232	T形接管KJT04	Tracheal connector	1	
4	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	1	
5	142011016	扎带固定座	Cable tie holder	1	
6	142030017	网线	Network cable	1	
7	41822012	减振垫圈	Damping washer	6	
8	930000323	腔体后支架	Cavity rear bracket	1	142012055
9	421S13059	螺钉(带垫圈)M5×20	Screw (with washer) M5×20	6	
10	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	
11	930001206	激光前支架F(喷漆)	Laser Front Bracket F (Painting)	1	142012272
12	421S13059	螺钉(带垫圈)M5×20	Screw (with washer) M4×12	4	
13	141830037	卡件	Card	2	
14		空气开关	Air switch	1	
15	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	2	
16	142012052	电气安装板	Electrical mounting plate	1	
17	41830302	中间继电器	Intermediate relay	2	
18	41830303	中间继电器座	Intermediate relay seat	2	
19	41830703	3000型水箱	3000 type water tank	1	
20	S05124	螺钉M5×16	Screw M5×16	4	
21	142032136	水箱放置板	The tank is placed on the board	1	
22	199300097	控制器电源线(T19)	Controller Power Cord (T19)	2	
23	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	2	
24	41830021	插线板A01	Plug board A01	1	
25	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	2	
26	141830013	公牛插板3插孔	Bull plug 3 jack	1	
27	1420NS10001	十字大扁头螺钉M5×10	Phillips large flat head screwsM5×10	4	
28	930001335	激光电源侧盖(喷漆)	Laser power supply side cover (painting)	1	142012269
29	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	2	
30	142030016	激光电源箱120W	Laser power supply 120W	1	
31	142030031	插线板A02	Plug board A01	1	
32	141947001	磁环	Magnetic ring	2	

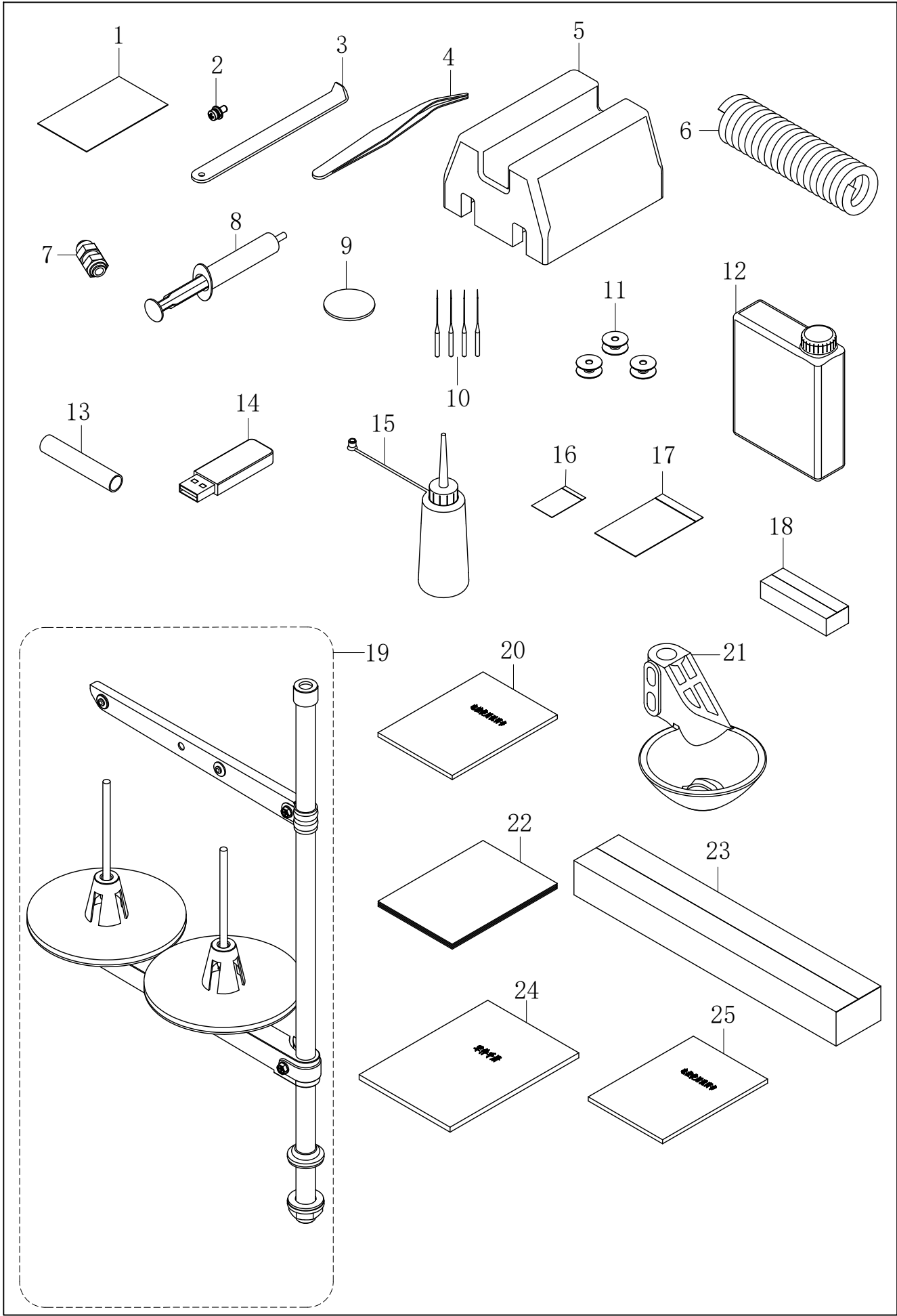
X6、激光切割吸风装置 / Laser cutting smoke exhaust part



X6、激光切割吸风装置 / Laser cutting smoke exhaust part

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	141812017	吸风口板-中厚料	Suction port plate-medium thick material	1	
2	S05087	螺钉M5×12	Screw M5×12	4	
3	41831019	强力磁铁6×12	Powerful magnet 6×12	4	
4	142012287	吸风筒C	Chimney C	1	
5					
6	142531041	抱箍52-76	Hoop 52-76	2	
7	930001205	烟雾过滤箱B	Smoke filter box	1	14201222900
8	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	3	
9	142012276	抱箍90-110	Hoop 90-110	3	
10	41831409	抱箍32-44	Hoop 32-44	2	
11	142011017	吸烟软管32	Hose 32	4	
12	142031013	铝箔管100	Aluminum foil tube 100	7M	
13	417S30302	螺钉(带垫圈)M4×12	Screw (with washer) M4×12	4	
14	930001200	离心风机进风口B	Air inlet of centrifugal fan B	1	142012223
15	41830705	离心风机650W	Centrifugal fan 650W	1	
16	407N01001	自锁螺母M5	Self-locking nut M5	4	
17	41828611	平垫圈M5	Flat washer M5	4	
18	417S30037	螺钉(带垫圈)M6×14	Screw (with washer) M6×14	4	
19	930001201	离心风机出风口B	Air outlet of centrifugal fan B	1	142012222
20	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	4	
21	417S30306	螺钉(带垫圈)M5×15	Screw (with washer) M5×15	2	
22	930001199	风机安装板B	Fan mounting plate C	1	142012224
23	41812551	吸风口板	Suction board	1	
24	141945029	电磁阀4V210-06	Solenoid valve 4V210-06	2	
25	42122001	快换插头KQ2P-04	Quick change plug KQ2P-04	1	
26	41845223	气管Φ4×2.5透明蓝	Trachea Φ4×2.5 transparent blue	4M	
27	41730022	电磁阀接线	Solenoid valve wire	15M	
28	62800019	单芯线	Single core wire	5M	
29	14251217300	过滤网组件	Filter screen assembly	1	
30	407S17001	十字沉头螺钉M4×10	Phillips countersunk screws M4×10	4	
31	142047002	圆磁铁15	Circular magnet 15	4	
32	930001204	过滤箱抽屉B	Filter box drawer B	1	14201222500
33	1420NS30002	梅花螺钉M5×15	Plum blossom screw M5×15	2	
34	142022004	密封条D型	Sealing strip	1M	
35	141837004	IN标贴	In label	2	
36	141837005	OUT标贴	Out label	2	
37	142037003	激光标识贴	Laser label	1	
38	141823002	擦镜纸	Mirror cleaning paper	5	
39	41837617	激光设备注意事项贴	Precautions for laser equipment	1	
40	41837616	三角高压危险标贴	High voltage hazard label	2	
41	142012278	镜片螺母拆装板	Lens nut disassembly plate	1	
42	142037005	过滤箱标贴	Filter box labels	1	
43	142037014	防冻液添加提醒标贴	Antifreeze is reminded of the sticker	1	
44	142012283	过滤网10目	Filter 10 mesh	1	
45	42311004	缠绕管Φ10	Spiral pipe Φ10	2M	
46	41845224	气管Φ4×2.5黑色	Trachea Φ4×2.5black	4M	
47	61807020	红头簧片 VE7508	Red-headed reed VE7508	7	
48	61807019	红头簧片 VE1508	Red-headed reed VE1508	3	

Z1、附件 / Accessories



Z1、附件 / Accessories

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
1	42131008	干燥剂(100克)	Desiccant(100g)	2	
2	417S30025	螺栓(带垫圈)M4×10DB	Bolt(with washer)M4×10DB	2	
3	41712355	针板专用螺丝刀	Special screwdriver for needle board	1	
4	20131051	镊子	Tweezers	1	
5	42211812	机头支撑	Nose support	1	
6	40730010	螺旋气管	Spiral trachea	6	
7	40736001	螺纹套管接头	Threaded casing joint	1	
8	11411029	注射器	Syringe	1	
9	41830017	电子标签卡	Electronic label card	30	
10	42217504	机针DP×5 8#	Machine needle DP×5 8#	4	
11	142018007	两倍底线检测梭芯	Double bottom thread detection bobbin	4	
12	933672	白油10#	White oil 10#	0.4	
12	110211011	油袋(含工业白油)	OIL BAG (contain industrial white oil)400ml	1	
13	12921006	维尼龙油管(Φ6×Φ8)	Vinylon tubing (Φ6×Φ8)	0.5	
14		U盘	U disk	1	
15	11631008	油壶	Oiler	1	
16	20131076	15×9袋	15×9 bags	6	
17	20131077	20×15袋	20×15 bags	2	
18	41731015	花样机附件箱B	Pattern accessory box B	1	
19	14183106000	线架组件	Wire rack assembly	1	
19	14183106100	线架组件B	Thread stand assembly B	1	B
20	141831051	模组安装说明		1	
21	142016009	塑料外压脚A		2	
22	952203	打包装箱清单		6	
23	141831017	X同步带模组附件箱	X synchronous belt module accessory box	1	T
23	141831018	X模组支撑纸板A	X Module Support Cardboard A	2	T
23	141831019	X模组支撑纸板B	X Module Support Cardboard B	2	T
23	141831020	X模组支撑纸板C	X Module Support Cardboard C	1	T
23	141831064	X丝杆纸箱	X screw carton	1	S
23	141844009	气泡袋	Bubble bag	2	S
23	141844008	气泡柱	Bubble column	0.5	S
24	142031004	零件样本	Parts sample	1	
24	142031005	零件样本B	Parts sample B	1	B
25	41831622	电控使用说明书V2CP	Electronic Control User Manual V2CP	1	