

# Model: LTC-0020D

- ▶ Recommended payload ≤ 20kg
- ▶ Locking force: 2514N Allowable static moment: 58.6N·m Allowable static torque: 80N·m
- ▶ With 12 x M5 air ports, 4 available module interfaces
- ▶ Suitable for assembly, handling, Ultrasonic soldering
- ▶ Air pressure lost self locking function, the master plate and tool plate won't be separated even the air pressure in master plate lost accidentally.
- ▶ Master plate with locking/unlocking sensor and tool-in-position sensor

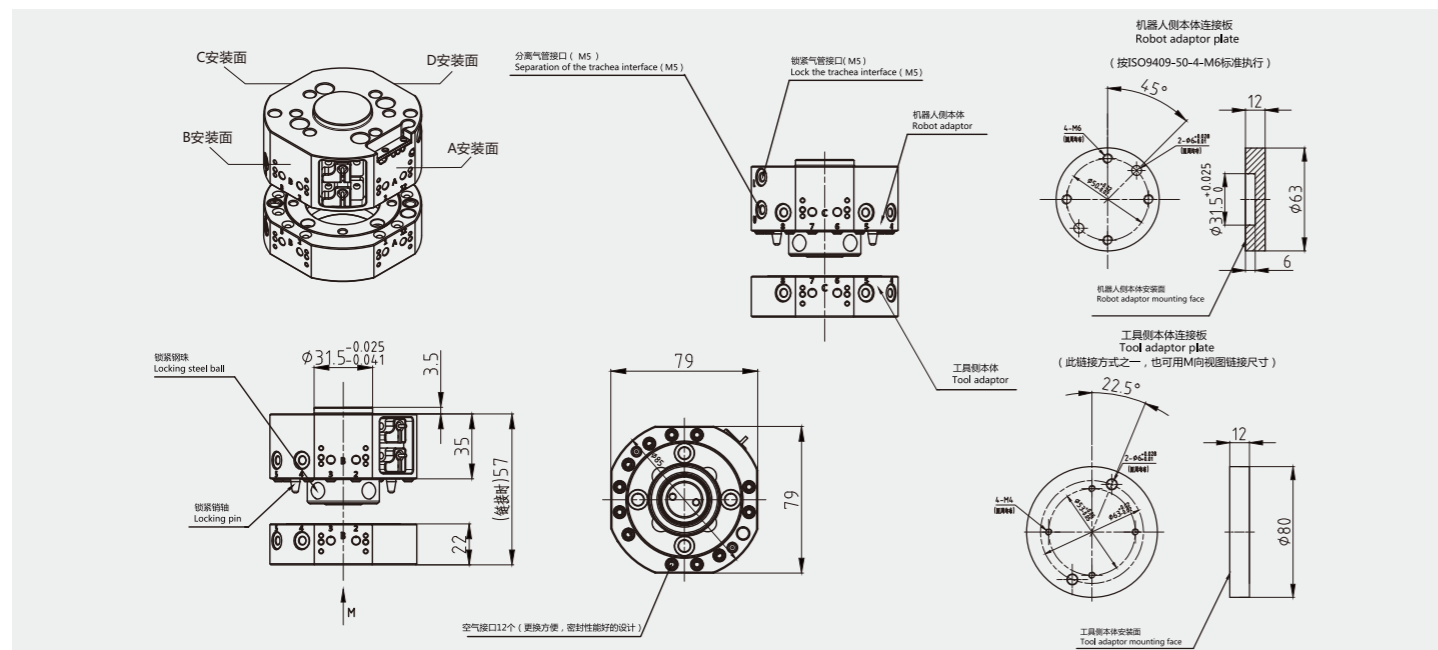


## Specifications

Model	Master plate	LTC-0020DM
	Tool plate	LTC-0020DT
Load	Payload capacity	20kg
	Locking force	2514N
	Allowable static bending moment	58.6N·m
	Allowable static torque	80N·m
Size and precision	Dimension	Φ85mm
	Combined thickness	57mm
	Position repeatability	±0.02mm
Air pressure for working		0.4~0.7Mpa

Item No.	Master plate item No.	0147
	Tool plate item No.	0247
Material	Main body	Aluminum alloy
	Locking mechanism	Alloy steel
Locking mechanism		Locking steel ball
Work environment	Temperature	0-60°C
	Humidity	0-95%
Weight	Master side	0.53kg
	Tool side	0.30kg
Air connector	Pneumatic port	12 x M5
	Max pressure	0.8Mpa

## Dimensions



## Adapter module

Type	Photo	Model	Item No.	Description	Interface No.	
Sensor		PNP	LMO-PL-01	1566	Locking/Unlocking sensor and tool-in-position sensor 2m cables	A
		NPN	LMO-NL-01	1571		
Electrical module		Mater side	LMO-S08BM	0526	2A x 8pins with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-S08BT	0527		
		Mater side	LMO-S14A-M	0954	2A x 14pins with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-S14A-T	0955		
		Mater side	LMO-E04-M	0960	10A x 4pins with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-E04-T	0961		
		Mater side	LMO-E04-S11-M	0962	10A x 4pins, 2A x 11pins with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-E04-S11-T	0963		
Industrial Bus module		Mater side	LMO-S06-RJ45C-M	1125	5A x 6pins RJ45 connector with 10m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-S06-RJ45C-T	1126		
Servo module		Mater side	LMO-SM20BM	0996	12A x 4pins 10pins encoder with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-SM20BT	0997		
High frequency module		Mater side	LMO-U02CM	0585	Signal channel 4A 1.4KV with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-U02CT	0586		
		Mater side	LMO-U04AM	0587	Double channels 4A 1.4KV with 5m cables in master side 1m cables in tool side	A, B C, D
		Tool side	LMO-U04AT	0588		
Air&fluid module		Mater side	LMO-GC04BM	0697	4 x M5 Open air port	A, B C, D
		Tool side	LMO-GC04BT	0698		
		Mater side	LMO-GC02BM	0696	2 x PT1/8 Open air port	A, B C, D
		Tool side	LMO-GC02BT	0695		
		Mater side	LMO-GC01EM	1262	1 x PT1/4 Open air port	A, B C, D
		Tool side	LMO-GC01ET	1263		