

# Model: LTC-0010F

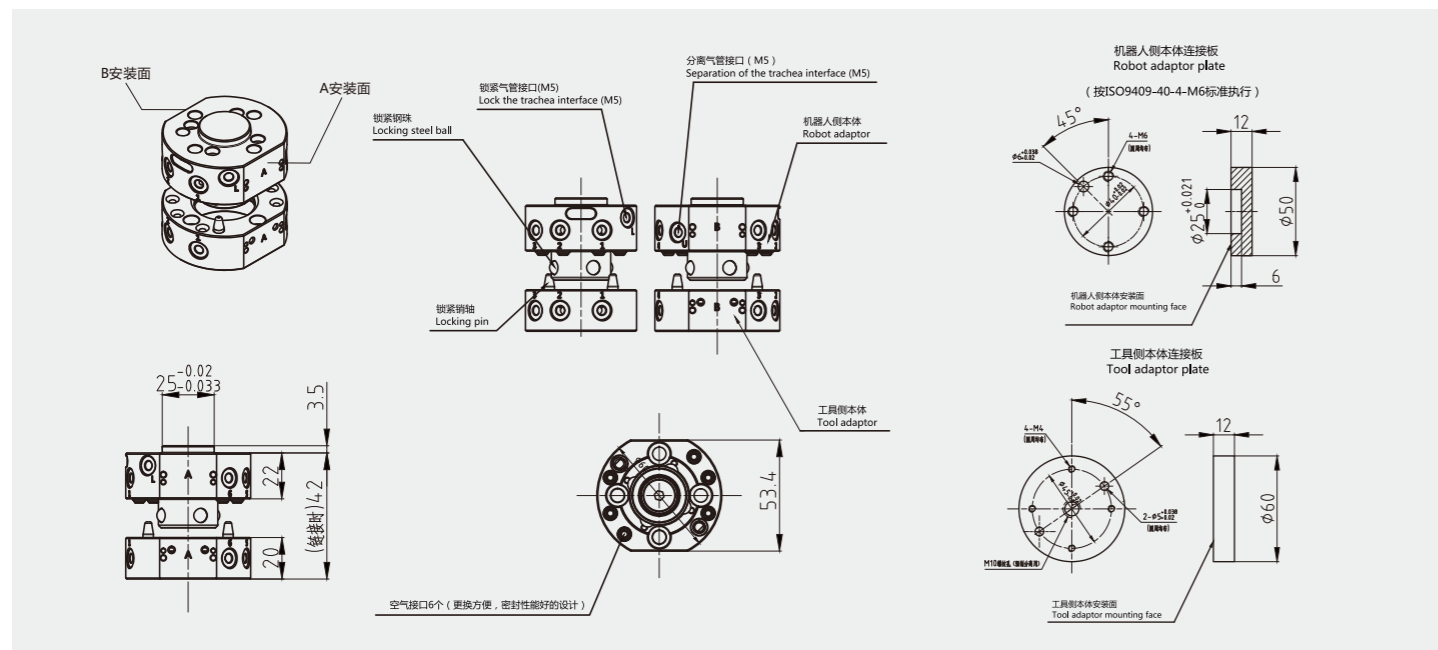
- ▶ Recommended payload ≤ 10kg
- ▶ Locking force: 1193N Allowable static moment: 26.5N·m Allowable static torque: 35.7N·m
- ▶ With 6 x M5 air ports, 2 available module interfaces
- ▶ Suitable for assembly, handling
- ▶ Air pressure lost self locking function, the master plate and tool plate won't be separated even the air pressure in master plate lost accidentally.



## Specifications

Model	Master plate	LTC-0010FM	Item No.	Master plate item No.	0146
	Tool plate	LTC-0010FT		Tool plate item No.	0246
Load	Payload capacity	10kg	Material	Main body	Aluminum alloy
	Locking force	1193N		Locking mechanism	Alloy steel
	Allowable static bending moment	26.5N·m	Locking mechanism		Locking steel ball
	Allowable static torque	35.7N·m	Work environment	Temperature	0-60°C
Size and precision	Dimension	Φ60mm		Humidity	0-95%
	Combined thickness	42mm	Weight	Master side	0.24kg
	Position repeatability	±0.02mm		Tool side	0.09kg
Air pressure for working		0.4~0.7Mpa	Air connector	Pneumatic port	6 x M5
				Max pressure	0.8Mpa

## Dimensions



## Adapter module

Type	Photo	Model	Item No.	Description	Interface No.	
Electrical module		Mater side	LMO-S08BM	0526	2A x 8pins with 5m cables in master side 1m cables in tool side	A, B
		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
		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
		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
		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
		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
		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
		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
		Tool side	LMO-U04AT	0588		
Air&fluid module		Mater side	LMO-GC04BM	0697	4 x M5 Open air port	A, B
		Tool side	LMO-GC04BT	0698		
		Mater side	LMO-GC02BM	0696	2 x PT1/8 Open air port	A, B
		Tool side	LMO-GC02BT	0695		
		Mater side	LMO-GC01EM	1262	1 x PT1/4气路 Open air port	A, B
		Tool side	LMO-GC01ET	1263		