

Features:

- Compact design, gripping body is made of hardcoated aluminum, ensures abrasion and corrosion proof.
- Use non-lubricated seals and bush for durable performance.
- Reed Switches are available for indication of the position of jaws.
- Ideal for applications where gripper size and weight are critical.






Specifications:

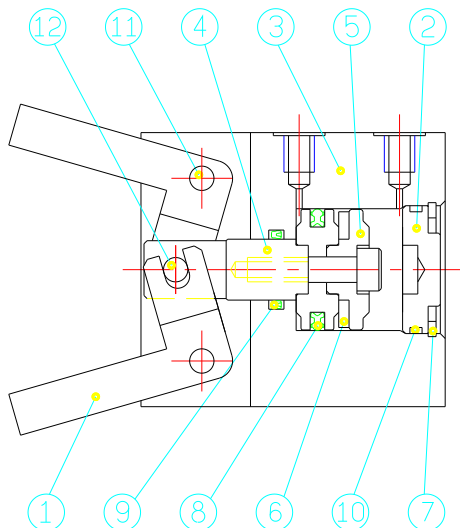
		Double acting with magnetic piston			
Series		KA			
Bore		ø10	ø16	ø20	ø25
Operating Fluid		Compressed air			
Operating Pressure		1.0-7.0 kgf/cm ²			
Proof pressure		10 kgf/cm ²			
Speed range		50~100 mm/sec			
Temperature range		-10°C ~ +70°C			
Lubrication		Not required			
M (M) AxP	Open	1.1xP	2.0xP	3.1xP	4.9xP
	Close	0.8xP	1.5xP	2.3xP	3.8xP
Max. tooling length		30 mm	40 mm	60 mm	70 mm
Effective gripping force (F)		F=MLx0.85 kgf			
Angle of displacement		-10°C ~ +30°C			
Ports		M5x0.8			
Weight		40 g	96 g	180 g	313 g

F=Effective gripping force(Kgf)
M=Theoretical moment(Kgf.cm)
P=Operating pressure(Kgf.cm²)
L=Max. Tooling length(mm)
A=Effective area of cyl.

How to order:

KA	16	TC	2
Series	Bore	Reed Switch	Switch quantity
KA standard type 	ø10 ø16 ø20 ø25	TC-IIIN:(KA16~25) DC 5~30V  TD-II:(KA10) DC/AC 4~110V 	1 : 1 PC 2 : 2 PCS

Internal Construction:

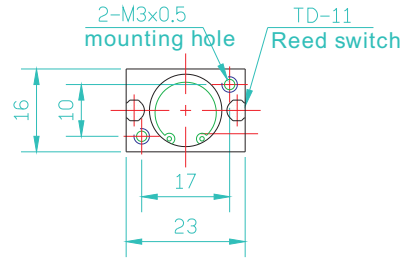
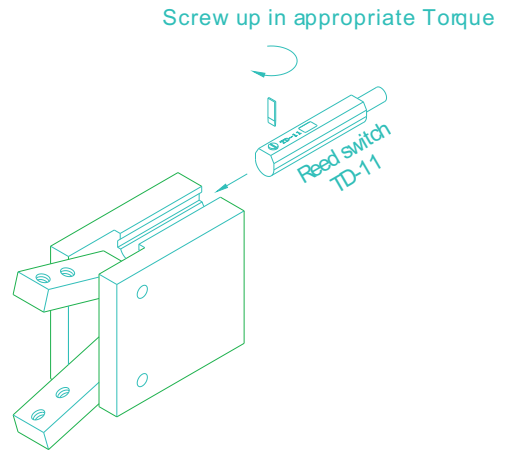
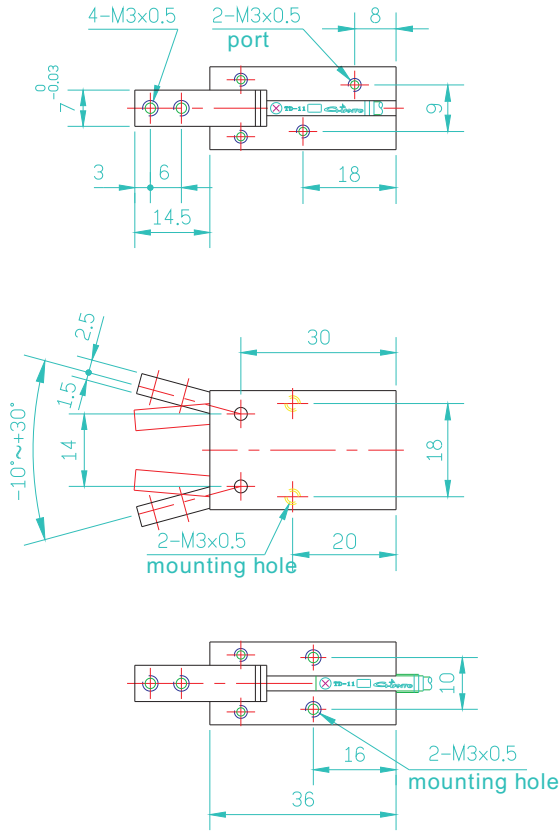


Parts List:

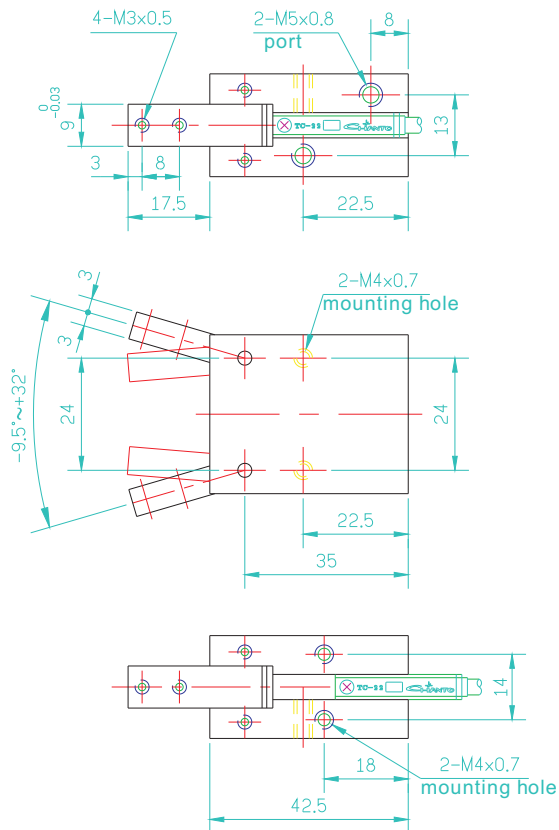
NO.	Description	Material	Qty
①	Finger	Nitrided steel alloy	1
②	Rear end cover	Anodized aluminium alloy	1
③	Barrel	Hard anodized aluminium alloy	1
④	Piston rod	Hardened chrome steel	1
⑤	Piston	Aluminium alloy	1
⑥	Magnet	Resinous magnet	1
⑦	Snap ring	Steel alloy	1
⑧	Piston seal	NBR	1
⑨	Piston rod seal	NBR	1
⑩	End cover seal	NBR	1
⑪	Finger pivot	Steel alloy	1
⑫	Finger pivot	Steel alloy	1

External Dimensions:

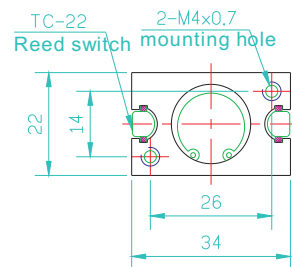
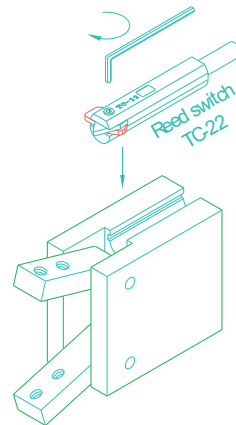
• KA10



• KA16

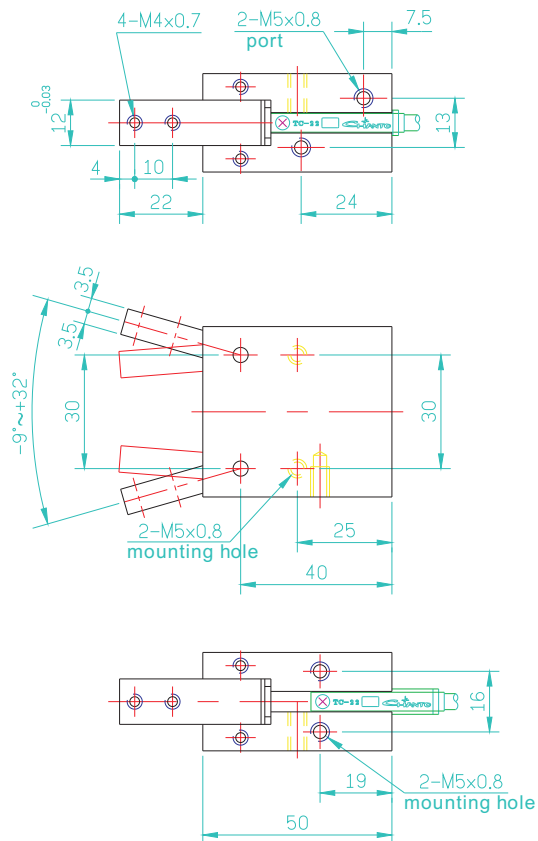


Screw up in appropriate Torque

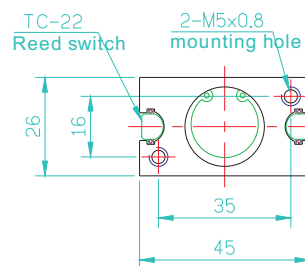
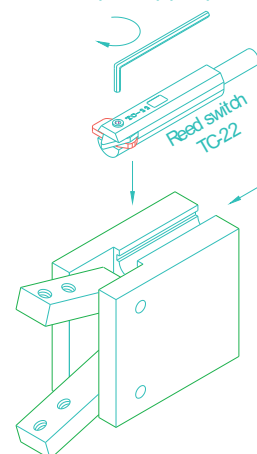


External Dimensions:

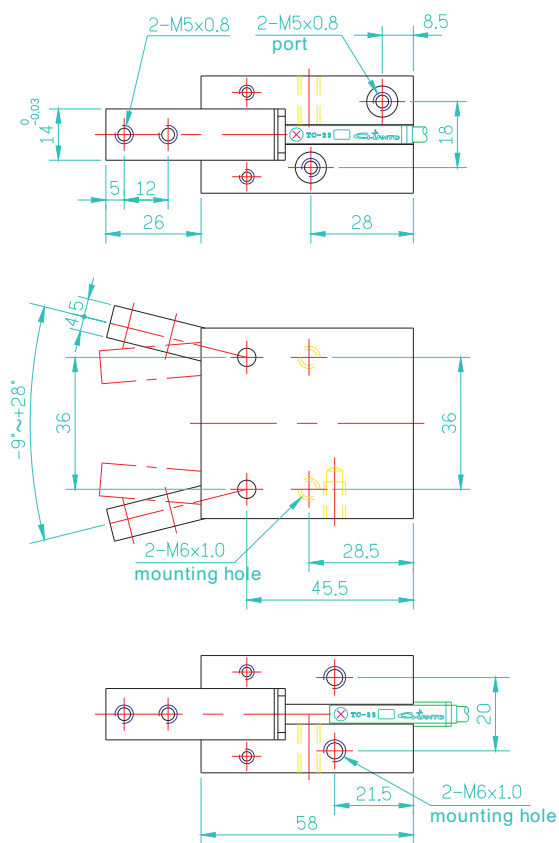
• KA20



Screw up in appropriate Torque



• KA25



Screw up in appropriate Torque

