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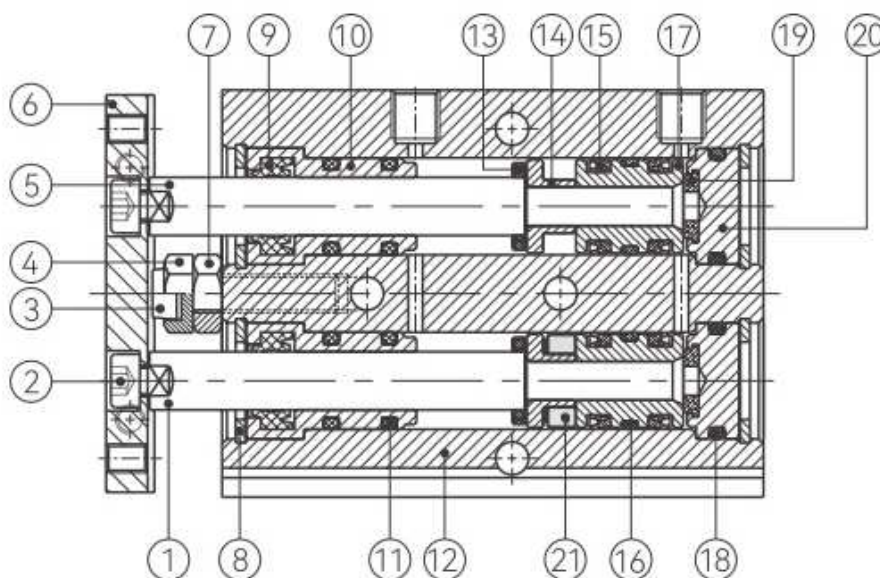
FTN Series Double-Rod Cylinder

Specifications

Inner Diameter(mm)	10	16	20	25	32
Mode of Operation	Double-Acting Type				
Working Medium	Air (filtered through a Filter Element with a pore size smaller than 40μm)				
Operating Pressure Range	0.15~1.0MPa(22~145psi)				
Guaranteed Pressure Resistance	1.5MPa(215psi)				
Operating Temperature (°C)	-20~70				
Operating Speed Range (mm/s)	30~500				
Adjustable Stroke mm	-5~0				
Stroke Tolerance Range	≤100 > 100				
Cushion Type	Bumper Pad				
Non-Rotation Accuracy[Note 1]	±0.4°	±0.3°			
Pipe Diameter[Note 2]	M5X0.8	M5X0.8 or PT1/8			PT1/8

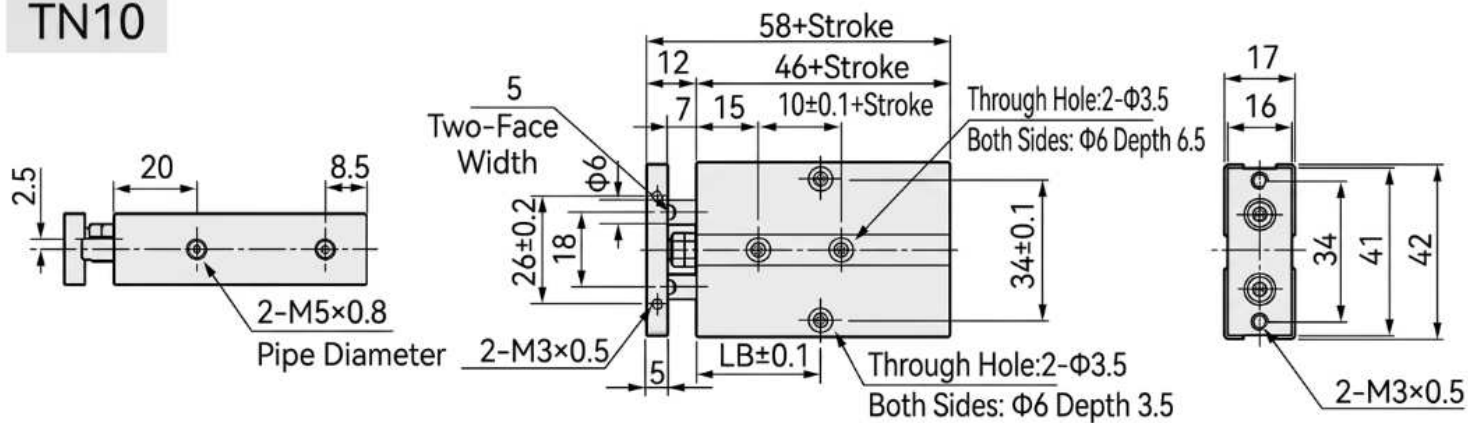
[Note 1] Non-rotation accuracy refers to the angle that the cylinder fixing plate can rotate when the cylinder is fully retracted.

[Note 2] PT Thread is available for Pipe Thread.



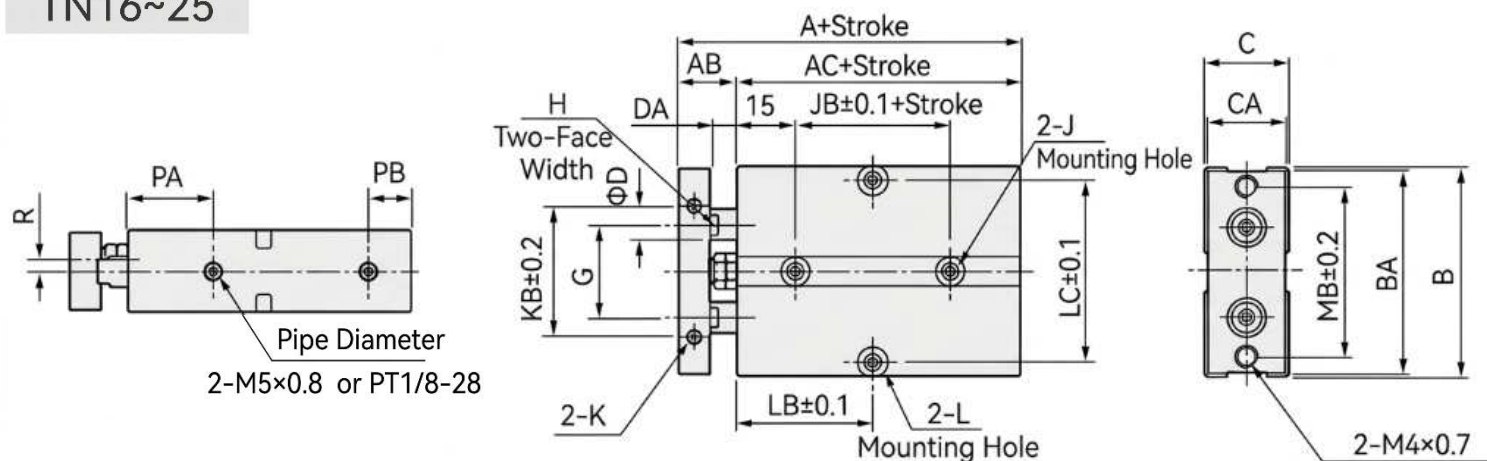
No.	Name		Material	No.	Name		Material
1	Piston Rod B	φ32	S45C Hard Chrome Grinding Rod	12	Body		Aluminum Alloy
		Others	SUS304 Hard Chrome Grinding Rod	13	Bumper Pad		TPU
2	Hexagon Socket Screw		Medium Carbon Steel	14	Magnet Seat	Φ10	SUS303
3	Bumper Pad		POM			Others	Aluminum Alloy
4	Screw		Medium Carbon Steel	15	Piston O-Ring		NBR
5	Piston Rod A		S45C Hard Chrome Grinding Rod	16	Wear-Resistant Pad		Wear-Resistant Material
6	Cylinder Fixing Plate		Free Cutting Steel	17	Piston	Φ10	SUS303
7	Nut		Medium Carbon Steel			Others	Aluminum Alloy
8	C-shaped Retaining Ring		Spring Steel	18	Rear Cover0-Ring		NBR
9	Front Cover O-Ring		NBR	19	Bumper Pad		TPU
10	Front Cover		Aluminum Alloy	20	Rear Cover		Aluminum Alloy
11	O-Ring		NBR	21	Magnet		Rare Earth

TN10



Symbol/Stroke	10	20	30	40	50	60	70	80	90	100
LB	30	30	35	40	45	50	55	60	65	70

TN16~25



Cylinder Diameter/Symbol	A	AB	AC	B	BA	C	CA	D	DA	G	H	J	JB	K	KB	PA	PB	L	LC	MB	R
16	68	15	53	54	53	21	20	8	8.2	24	6	Both sides: Φ7.5 Depth 7.5 Through Hole: Φ4.5	20	M4X0.7 Depth5	34	22	11	Both sides: Φ8 Depth 4.5 Through Hole: Φ4.5	47	47	3
20	75	20	58	62	61	25	24	10	10.2	28	8	Both sides: Φ7.5 Depth 7.5 Through Hole: Φ4.5	20	M4X0.7 Depth5	44	25	12	Both sides: Φ8 Depth 4.5 Through Hole: Φ4.5	55	55	3.5
25	81	19	62	73	72	30	29	12	10.2	34	10	Both sides: Φ7.5 Depth 7.5 Through Hole: Φ4.5	30	M4X0.7 Depth6	56	27	12	Both sides: Φ8 Depth 4.5 Through Hole: Φ4.5	66	66	6