

( $\phi 6 - \phi 32$ )



### ● Features

Thin double cylinder structure, non rotating high precision and 2 times output force, strong resistance to the side load.

Chosen Type

TN

32

100

Bore

- 10  $\Phi 10\text{mm}$
- 16  $\Phi 16\text{mm}$
- 20  $\Phi 20\text{mm}$
- 25  $\Phi 25\text{mm}$
- 32  $\Phi 32\text{mm}$

Stroke

### ■ Graphics Sign



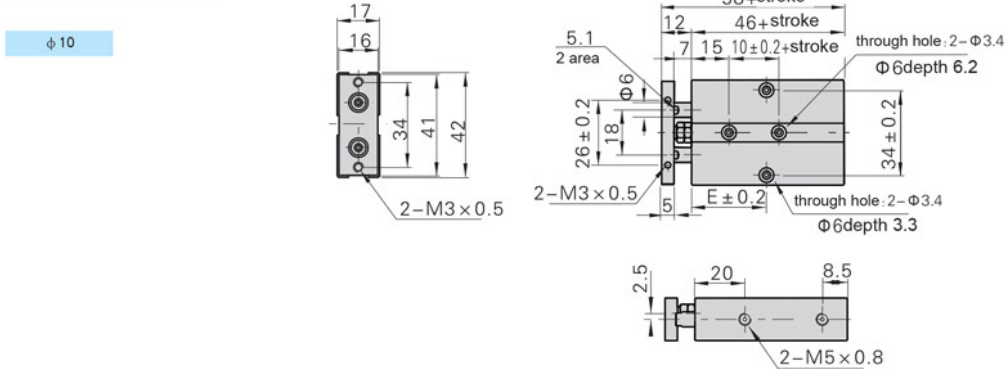
### ■ Specification

Bore (mm)	12	16	20	25	32
Action	Double Acting				
Applicable medium	Air				
Using pressure range	0.1~1.0MPa				
Proof pressure MPa	1.5MPa				
Using temperature range	-10~60°C				
Using Speed range	30~500mm/s				
Stroke adjustable range	-10~0mm				
Cushion	Rubber cushion on both end				
Non-rotating Accuracy	$\pm 0.40$		$\pm 0.30$		
Pipe Size	M5X0.8				Rc1/8

### ■ Standard Stroke

Bore (mm)	Standard Stroke	Max. Stroke
10	10 20 30 40 50 60 70 80 90 100	100
16	10 20 30 40 50 60 70 80 90 100 125 150 175 200	200
20	10 20 30 40 50 60 70 80 90 100 125 150 175 200	200
25	10 20 30 40 50 60 70 80 90 100 125 150 175 200	200
32	10 20 30 40 50 60 70 80 90 100 125 150 175 200	200

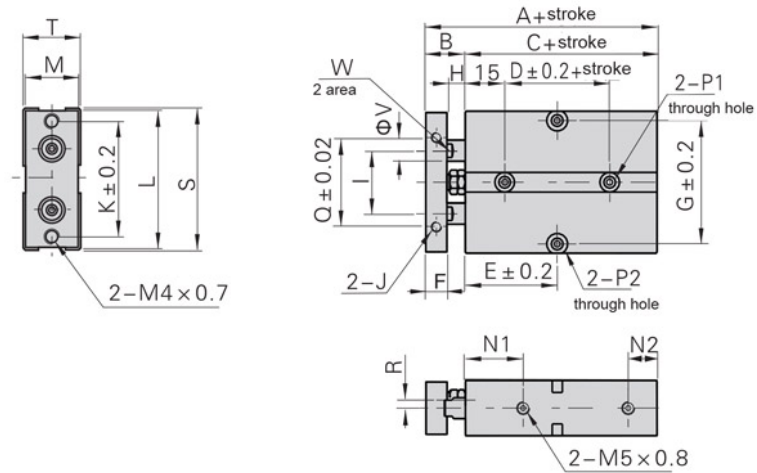
### ■ Figure Dimension(mm)



Stroke	10	20	30	40	50	60	70	80	90	100
E	30	30	35	40	45	50	55	60	65	70

Figure Dimension(mm)

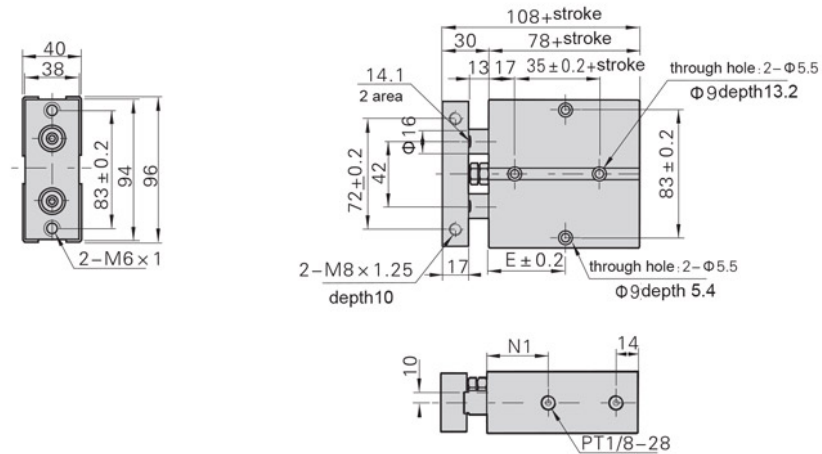
φ 16 ~ φ 25



Stroke Bore ≤	A	B	C	D	E														F	G	H	I	K
					10	20	30	40	50	60	70	80	90	100	125	150	175	200					
16	68	15	53	20	30	35	40	45	50	55	60	65	70	75	87.5	100	112.5	125	8	47	7	24	47
20	78	20	58	20	35	35	40	45	50	55	60	65	70	75	87.5	100	112.5	125	10	55	10	28	55
25	81	19	62	30	40	40	45	50	55	60	65	70	75	80	92.5	105	117.5	130	10	66	9	34	66

Stroke	J	L	M	N1	N2	P1	P2	Q	R	S	T	V	W
16	M4X0.7 depth5	53	20	22	11	Φ7.5 depth 7.2 through hole Φ4.5	Φ8 depth 4.5 through hole Φ4.5	34	3	54	21	8	6.1
20	M4X0.7 depth5	61	24	25	12	Φ7.5 depth 7.2 through hole Φ4.5	Φ8 depth 4.5 through hole Φ4.5	44	3.5	62	25	10	8.1
25	M4X0.7 depth6	72	29	27	12	Φ7.5 depth 7.2 through hole Φ4.5	Φ8 depth 4.5 through hole Φ4.5	56	6	73	30	12	10.1

φ 32



Stroke	10	20	30	40	50	60	70	80	90	100	125	150	175	200
E	45	50	55	60	65	70	75	80	85	90	102.5	15	127.5	140
N1	35	40												