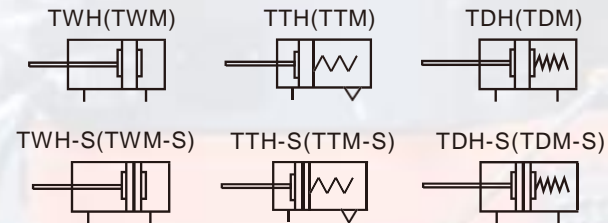


TWH Series Stopper Cylinder



Ordering Code TWH Series Stopper Cylinder

**TWH**    **50** × **30**    **S**    **K**          
 Model    Bore size    Stroke    Magnet    Stopper    Self-lock    Thread type  
 Blank: Without magnet    Blank: Without self-lock    Blank: PT  
 S: With magnet    F: With magnet    G: G  
 T: NPT

TWH: Double acting type  
 TDH: Built-in spring double acting type  
 TTH: Single acting Pull type  
 TWM: Double acting type  
 TDM: Built-in spring double acting type  
 TTM: Single acting-Pull type  
 L: Shockless stopper (Non-adjustable absorber)  
 K: Shockless stopper (adjustable absorber)

\* When the thread is standard, the code is blank.  
 \* The buffer is not adjustable if the bore size is 20 and 25. It is adjustable if the bore is over 32.

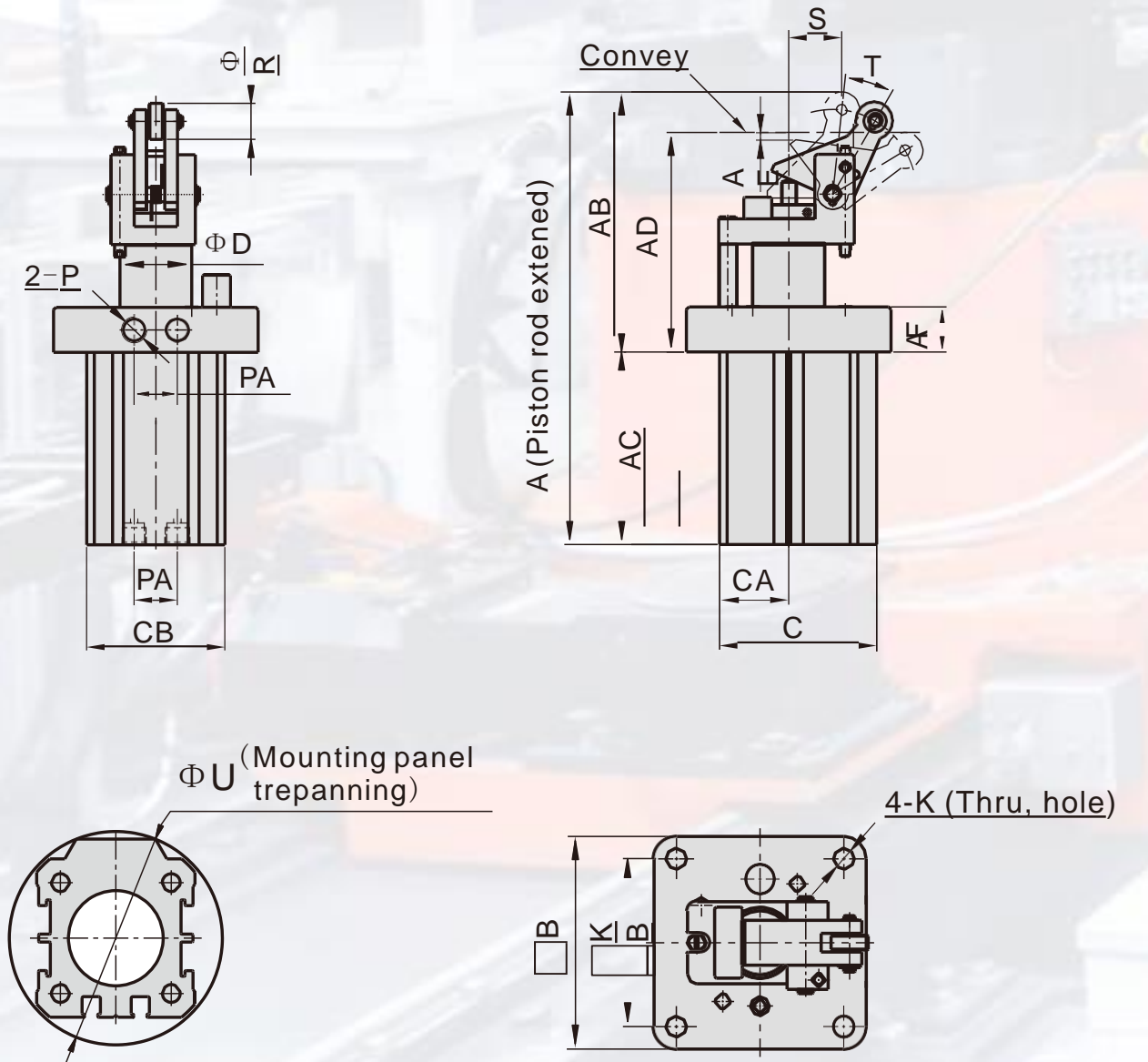
Specifications

Series	TWH								TWM
Bore(mm)	20	25	32	40	50	63	80	50	
Working medium	Air (to be filtered by 40µm filter element)								
Acting type	Double acting type, Single acting-Pull type								
Operating pressure	Double acting	0.15~1.0MPa							
	Single acting-Pull	Φ20: 0.25~1.0MPa Others: 0.2~1.0Mpa							
Proof pressure	1.5MPa								
Working temperature	-20 to 70°C								
Range of stroke tolerance	+1.0 0								
Cushion	Bumper								
Lubrication	Non required								
Mounting type	Flange								
Stopper type	Shockless (Non-adjustable absorber)				Shockless (With adjustable absorber)				
Port size	M5×0.8			1/8"		1/4"		1/8"	
Sensor thread	M5×0.5				M8×1.0				

\* PT thread,G thread and NPT thread are available.

Main Dimensions Non-adjustable Absorber  
 TWH-L (F), TDH-L(F), TTH-L(F)

Φ20 Φ25



(mm)

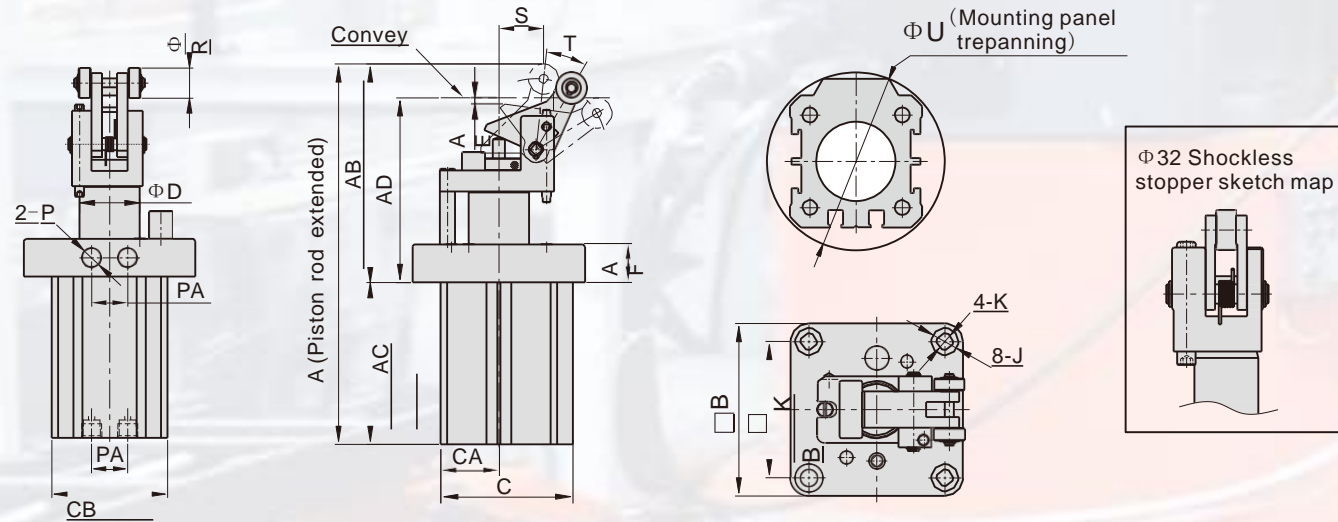
Sign	A	AB	AC	AD	AE	AF	B	C	CA	CB	D	K	KB	P	PA	R	S	T
20	129	74	55	60	2.5	8	48	40	18	36	16	4.5	40	M5×0.8	12	12	16	28
25	135.5	78	57.5	64	2.5	12	58	45	20	40	16	6.5	47	M5×0.8	16	12	16	28

### TWH Series Stopper Cylinder

Main Dimensions Adjustable Absorber

TWH-K (F), TDH-K(F), TTH-K(F)

Φ 32~ Φ 80

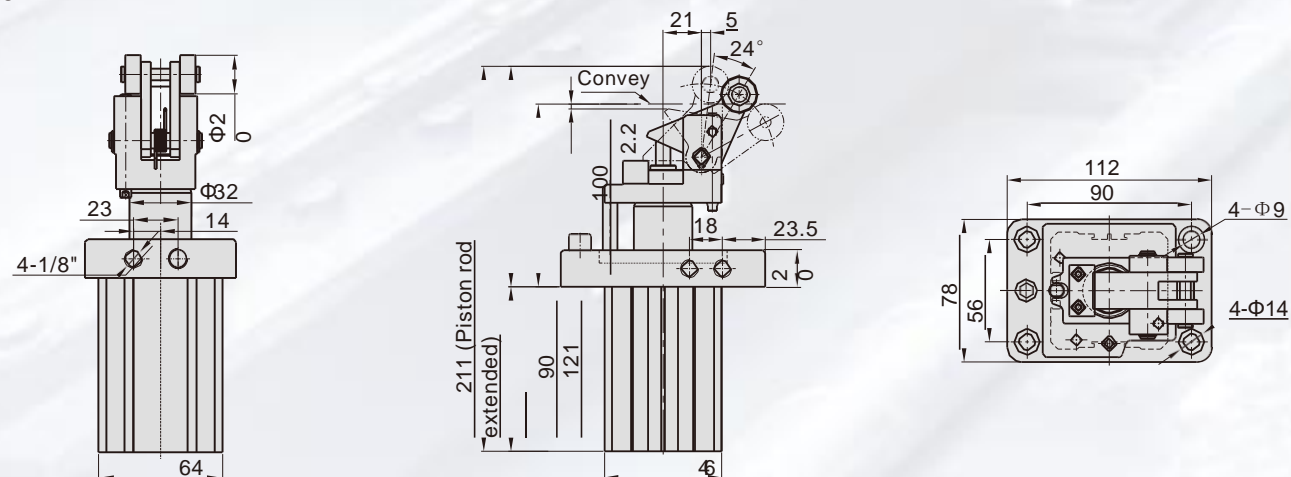


(mm)

Sign Bore	A	AB	AC	AD	AE	AF	B	C	CA	CB	D	J	K	KB	P	PA	R	S	T
32	152.5	87	65.5	73.5	1.5	16	67	51.5	23	46	20	11	6.5	53	1/8"	16	12	18.5	28
40	191	112	79	92.5	3.5	16	82	62	26.5	53	25	11	6.5	65	1/8"	16	20	21	26
50	211	128	83	107.5	2.5	20	93	72	32	64	32	14	9	73	1/8"	18	20	26	24
63	245.5	144.5	101	122	3.5	25	114	87.5	38.5	77	40	18	11	90	1/4"	24	20	30	24
80	299.5	171.5	128	145.5	3.5	25	138	109	49	98	50	20	13	110	1/4"	30	25	37	23

TWM-K (F), TDM-K(F), TTM-K(F)

Φ50



\* The type with magnet and the type without magnet have the same dimension.