

### XSHS Series Air Gripper(Through-hole type)



**Ordering Code**  
XSHS □ - 3 - 32 - D - □ - □

**Series Code**  
XSHS: Through-hole Type

**Dust Cover**  
Blank: None  
J: With Dust Cover (Φ16, Φ20, Φ25 are not available with Dust cover)

**Finger Quantity**  
3: 3PCS

**Cylinder Bore**  
16mm~80mm

**Action**  
D: Double-acting

**Center Pusher**  
Blank: None  
A: Cylinder Type  
B: Spring Type (Φ16, Φ20, Φ25 are not available with Dust cover)

**Dust Cover Material**  
Blank: CR  
F: FKM  
S: Si(with dust cover only)


XSHS3-20D

**Specification**

Bore(mm)	16	20	25	32	40	50	63	80	
Working Medium	Air(No Lubrication)								
Operating Pressure Range	0.2~0.6			0.1~0.6					
Ambient And Fluid	-10~+60°C (Not freezing)								
Repeatability Precision	±0.01								
Max.motion Frequency	120			60			30		
Lubrication	Not required								
Motion Pattern	Double acting								
Note:grip Power Pressure 0.5Mpa	Outer Diameter Grip	9	21	36	62	97	155	280	400
	Inner Diameter Grip	15	26	45	77	118	187	329	490
Central Hole Diameter	Φ3H10 <sup>+0.040</sup>	Φ3H10 <sup>+0.040</sup>	Φ4H10 <sup>+0.040</sup>	Φ6H10 <sup>+0.040</sup>	Φ10H10 <sup>+0.060</sup>	Φ12H10 <sup>+0.070</sup>	Φ16H10 <sup>+0.070</sup>	Φ20H10 <sup>+0.084</sup>	
Open Close Stroke	4	4	6	8	8	12	16	20	

Note: Grip distance, Φ16-Φ25, is 20mm, at Φ32-Φ63, is 30mm, at Φ80, is 50mm

### SRC Series Twist Clamp Cylinder



**Ordering Code**  
SRC R 32 × 13 - □

**Series Code**  
SRC: Twist clamp Cylinder

**Rotary Direction**  
R: Right  
L: Left

**Cylinder Bore**  
25mm-63mm

**Stroke(push)**  
25: 11mm  
32: 13mm  
40: 13mm  
50: 15mm  
63: 15mm

**Plate Type**  
Blank: Single Plate  
D: Double Plate (not available for Φ25)

SRC40-90L

**Specification**

Bore(mm)	25	32	40	50	63
Motion Pattern	Double Action				
Working Medium	Air				
Operating	1.5~9.5(150-950) kg/cm <sup>2</sup> (kpa)				
Operating Temperature	0~60				
Operating Stroke	30~500 mm/sec				
Rotating Stroke	11	13		15	
Pushing Stroke	11	13		15	
Rotating Angle	90°can be customized(0°, 45°, 90°)				
Rotating Direction	Left-handed rotation [from right to left]-L, Right-handed rotation[from left to right]				
Cushion Direction	Rubber Gasket Buffer				
Lubricating	Self Motion Finish Pattern				
Port Size	M5×0.8				

### ACK Series Twist Clamp Cylinder



**Ordering Code**  
ACK L 25 - 90 - □

**Series Code**  
ACK: Twist Clamp Cylinder (Double Acting Type)  
ACKD: Twist Clamp Cylinder (Double Push Plate Type, only for 90°)

**Rotary Direction**  
L: Push and turn left  
When the piston of cylinder moves downward, the swivel arms moves anticlockwise, this is called levorotatory  
R: Push and turn right  
When the piston of cylinder moves downward, the swivel arms moves clockwise, this is called destrorotatory

**Cylinder Bore**  
25mm~63mm

**Rotary Angle**  
90: 90°  
180: 180°

**Thread Type**  
Blank: PT  
N: NPT  
G: G

ACKL25-90

**Specification**

Bore(mm)	25	32	40	50	63
Motion Pattern	Double Action				
Working Medium	Air				
Operating Pressure Range	0.15~1.0(23~148) kg/cm <sup>2</sup> (kpa)				
Compression Resistance	1.5(215) kg/cm <sup>2</sup> (kpa)				
Working Temperature °C	-20~80°C				
Operating Speed Range	30~300 mm/s				
Stroke Tolerance Range	+1.0 0				
Rotating Angle Tolerance Range	±1.5				
*Cushion Model	crash pad				
*Port Size	M5×0.8			PT1/8	

### MXH Series Slide Cylinder



**Ordering Code**  
MXH 10 × 30

**Series Code**  
MXH: Air Slide Table

**Cylinder Bore**  
6mm-20mm

**Stroke**  
5mm-60mm

MXH 16-10

**Specification**

Bore(mm)	6	10	16	20
Guide Bearing Width	5	7	9	12
Working Medium	Air(to be filtered by 40μm filter element)			
Action	Double acting			
Min.operating Pressure	0.15MPa	0.06MPa	0.05MPa	
Max.operating Pressure	0.7MPa			
Ambient And Fluid Temperature	Without auto switch:-10~+70°C With auto switch:-10~+60°C (No freezing)			
Piston Speed	50~500mm/s			
Allowable Kinetic Energy	0.0125	0.025	0.05	0.1
Lubrication	Non-lube			
Cushion	Rubber bumper on both ends			
Stroke Length Tolerance	+1.0 0			
Piping Port Size	M5×0.8			

Such as the need Lubrication, please use turbine No.1 oil ISO VG32.