

## Floating Joint Series SF

φ 10, φ 16, φ 20, φ 25, φ 32,  
φ 40, φ 50, φ 63, φ 80, φ 100,  
φ 125, φ 140, φ 160



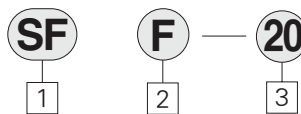
Accurate cylinder alignment not required

- Reduced installation time
- Compact design allows high load

### Standard Specifications

Operating Pressure	Air Cylinder 9.9kgf/cm <sup>2</sup> (140 psi)
	Hydraulic Cylinder 35kgf/cm <sup>2</sup> (498 psi)
Mounting	Standard, Flange Type

### How to Order – Metric



#### 1 Floating Joint(Metric)

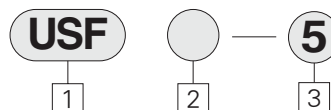
#### 2 Mounting

Blank : Standard  
F : Flange Type  
(φ 10, φ 16 : Standard Type only.)

#### 3 Applicable Tube/Thread Size

Metric Type	Applicable Cylinder Bore Size	Connection
10	10	M4×0.7
16	16	M5×0.8
20	20	M8×1.25
32	25.32	M10×1.25
40	40	M14×1.5
63	50 · 63	M18×1.5
80	80	M22×1.5
100	100	M26×1.5
140	125 · 140	M30×1.5
160	160	M36×1.5

### How to Order – Inch



#### 1 Floating Joint(Inch)

#### 2 Mounting

Blank : Standard  
F : Flange Type

#### 3 Thread Size

1 : 6-40 UNF  
2 : 10-32 UNF  
4 : 1/4-28 UNF  
5 : 5/16-28 UNF  
6 : 3/8-24 UNF  
7 : 7/16-20 UNF  
8 : 1/2-20 UNF  
12 : 3/4-16 UNF  
16 : 1-12 UNF  
20 : 1 1/4-12 UNF

#### Model

Inch Type	Thread	Angle
USF □ -1	6-40 UNF	±5 degrees
USF □ -2	10-32 UNF	
USF □ -4	1/4-28 UNF	
USF □ -5	5/16-28 UNF	
USF □ -6	3/8-24 UNF	
USF □ -7	7/16-20 UNF	
USF □ -8	1/2-20 UNF	
USF □ -12	3/4-16 UNF	
USF □ -16	1-12 UNF	
USF □ -20	1 1/4-12 UNF	