

Pivot Pins

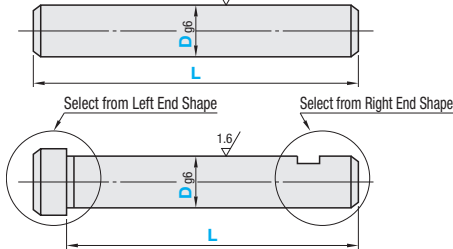
End Shape Combination Selectable



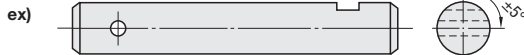
RoHS 10

Type	Material	Surface Treatment	Hardness
FCL□□	S45C Equivalent	Black Oxide	40~45HRC
FCLH□□			
PFCLH□□		Electroless Nickel Plating	40~45HRC
GFCL□□			
FCLS□□	SUS304	Hard Chrome Plating	Plating Hardness 750HV~
GFCLS□□	SUS440C Equivalent		
GFCLSH□□		Hard Chrome Plating	45~50HRC Plating Hardness 750HV~

Basic Shape (Shape A at Both Ends) $1.6/\sqrt{r}$



- For L Dimension, Standard Machining Tolerances (Class: Medium) is used.
- When machining is needed at one end only, select Shape A for the other end.
- FCL□□, PFCL□□ may have identification grooves on the side in order to distinguish them from Hardened Type.
- FCLSH□□ and GFCLSH□□ (SUS440C equivalent) may be discolored by hardening.
- When selecting shapes B and G or BG and GB for both ends, hole and flat positions are as shown in the catalog. The angle tolerance is $\pm 5^\circ$.



- This type may have centering holes depending on shapes and dimensions.
- When $L \leq$ the depth of tap's pilot hole, the pilot hole might go through.
- Shape D: Relief dimension under the shoulder is for reference.
- Selecting Shape F (FCLDD) for both ends is not available.
- When Shape F is selected, $11 \leq L$.

Shape C: e, m Dimensions for Selection

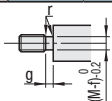
D	Ref. Dim.	Tolerance	m	e
3	2	+0.06	0.5	+0.14
4	3	0	0.7	0
5	4	+0.075		
6	5	0	0.9	0
7	6	0		
8	7	+0.09	1.15	0
9	8	0		
10	9.6	-0.09	1.35	0
11	10.5	0		
12	11.5	-0.11	0	0
13	12.4			
14	13.4	0	0	0
15	14.3			
16	15.2	0	0	0
17	16.2			
18	17	0	0	0
19	18			
20	19	0	0	-0.21

Shape D: u (n) Dimensions for Selection

D	u	n
3	2.9	
4	3.9	
5	4.9	
6	5.8	
7	6.8	
8	7.8	
9	8.8	
10	9.8	
11	10.8	
12	11.8	
13	12.8	
14	13.8	
15	14.8	
16	15.8	
17	16.8	
18	17.8	
19	18.8	
20	19.8	

Shape E: Details of Thread Relief Machining

M (Coarse)	M x Pitch	g	r	f
3	M3x0.5	0.9	0.2~0.4	0.9
4	M4x0.7			
5	M5x0.8	1.2	0.2~0.6	1.7
6	M6x1.0	1.8		
9	M8x1.25	2.5	0.2~0.6	1.7
10	M10x1.5			
12	M12x1.75	3	0.2~1.0	2.2
16	M16x2.0			



Shape H: W Dimension for Selection

D	W
6	1.5
7	
8	
9	
10	2
11	
12	
13	
14	3
15	
16	
17	
18	
19	
20	

