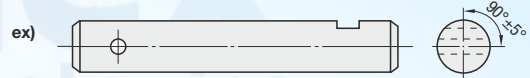
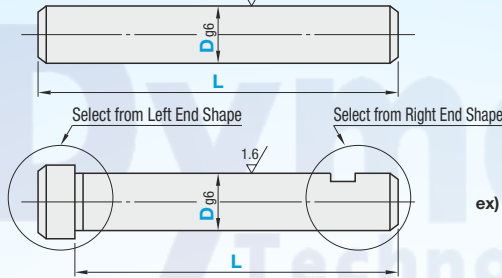


Pivot Pins - End Shape Combination Selectable



Basic Shape (Shape A at Both Ends)^{1.6/}



- 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 D (FCLDD) for both ends is not available
- When Shape F is selected, $11 \leq L$

Shape C: e, m Dimensions for Selection

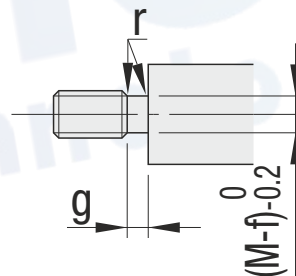
D	e		+0.14
	Ref. Dim	Tolerance	m 0
3	2	+0.06	0.5
4	3	0	0.7
5	4	+0.075	
6	5	0	0.9
7	6	+0.09	
8	7	0	
9	8	-0.09	1.15
10	9.6	0	
11	10.5	-0.11	
12	11.5	0	
13	12.4	-0.11	
14	13.4	0	
15	14.3	-0.11	
16	15.2	0	
17	16.2	0	1.35
18	17	-0.21	
19	18	0	
20	19	-0.21	

Shape D: u (n) Dimensions for Selection

D	u	(n)
3	2.9	1.0~1.5
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×Pitch	g	r	r
3	M3x0.5	0.9	0.2~0.4	0.9
4	M4x0.7			
5	M5x0.8			
6	M6x1.0	1.8	0.2~0.6	1.7
8	M8x1.25			
10	M10x1.5			
12	M12x1.75	3	0.2~1.0	2.2
16	M16x2.0			



Shape H: W Dimension for Selection

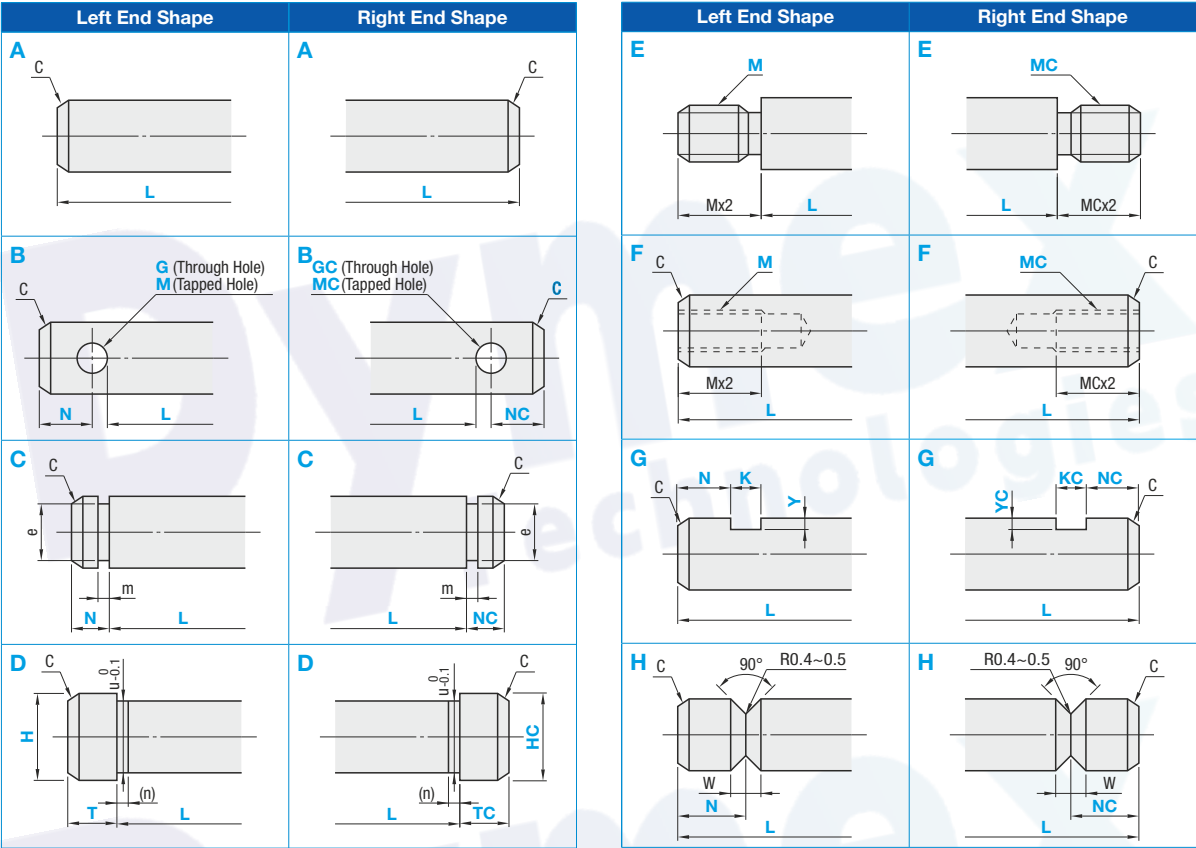
D	W
6	1.5
7	
8	
9	
10	2
11	
12	
13	
14	
15	3
16	
17	
18	
19	
20	

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Pivot Pins - End Shape Combination Selectable



Part Number			1mm Increment		0.1mm Increment					0.5mm Increment	Selection	
Type	Left End Shape	Right End Shape	D	L	T (TC)	N (NC)	G (GC)	K (KC)	Y (YC)	H (HC)	M (MC) (Coarse)	C
DFCL	A B C D E F G H	A B C D E F G H	3~20 4≤D (Shaft End Shape E) 6≤D (Shaft End Shape B, F, H)	5~200 (L≤Dx20)	0.5≤T (TC)≤L/4	2≤N(NC)≤L/4 (Shaft End Shape C)	D/5≤G(GC)≤D/2	2≤K(KC)≤30	Y(YC)≤D/2	D+1≤H(HC)≤D+10	3	0.5 or Less
DFCLH						G(GC) • M(MC)/2+1					4	
DPFCL						≤N(NC)≤L/4					5	
DPFCLH						(Shaft End Shape B)					6	
DGFCL						N(NC)=0 or					8	
DFCLS						2≤N(NC)≤L/4					10	
DFCLSH						(Shaft End Shape G)					12	
DGFCLSH						2≤N(NC)≤L/4 (Shaft End Shape H)					16	
											(M(MC)≤D/2) (Shaft End Shape B) (M(MC)<D) (Shaft End Shape E) (M(MC)≤D-3) (Shaft End Shape F)	

Part Number			D	L	T	N	G	K	Y	H	H	M	TC	NC	GC	KC	YC	HC	MC
Type	Left End	Right End	DFCL	D	G	D10	L100	T2			H14		NC1		KC6.5	YC1.5			

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Pivot Pins - End Shape Combination Selectable



DFCL □	3~5	DPFCL □	3~5	DGFCCL □	3~5	DFCLSH □	3~5
	6~10		6~10		6~10		6~10
	11~15		11~15		11~15		11~15
	16~20		16~20		16~20		16~20
DFCLH □	3~5	DPFCLH □	3~5	DFCLS □	3~5	DGFCCLSH □	3~5
	6~10		6~10		6~10		6~10
	11~15		11~15		11~15		11~15
	16~20		16~20		16~20"		16~20

Alterations	Shape D: T(TC) Dimension, Wrench Flats		Shape E: M (MC) Length Change		O.D. Tolerance																				
	Left End Shape	Right End Shape	Left End Shape	Right End Shape																					
Code	LFC	RFC	LBC	RBC	DKC																				
Spec.	Ordering Code LFC (RFC) 10 LFC (RFC) =0.5mm Increment ⚡ D≤LFC (RFC) <H (HC)		Ordering Code LBC (RBC) 20 LBC (RBC) =0.5mm Increment ⚡ 4≤LBC (RBC) ≤M(MC)×3 <table><tr><th>M</th><th>LBC (RBC)</th></tr><tr><td>M3</td><td>3~9</td></tr><tr><td>M4</td><td>3.5~12</td></tr><tr><td>M5</td><td>4~15</td></tr><tr><td>M6</td><td>5.5~18</td></tr><tr><td>M8</td><td>6.5~24</td></tr></table> <table><tr><th>M</th><th>LBC (RBC)</th></tr><tr><td>M10</td><td>7~30</td></tr><tr><td>M12</td><td>8.5~36</td></tr><tr><td>M16</td><td>9~48</td></tr></table>		M	LBC (RBC)	M3	3~9	M4	3.5~12	M5	4~15	M6	5.5~18	M8	6.5~24	M	LBC (RBC)	M10	7~30	M12	8.5~36	M16	9~48	Changes O.D. tolerance to h6. Ordering Code DKC
M	LBC (RBC)																								
M3	3~9																								
M4	3.5~12																								
M5	4~15																								
M6	5.5~18																								
M8	6.5~24																								
M	LBC (RBC)																								
M10	7~30																								
M12	8.5~36																								
M16	9~48																								

Part Number			D	L	T	N	G	K	Y	H	H	M	TC	NC	GC	KC	YC	HC	MC	- LFC (RFC), LBC (RBC), DKC
Type	Left End	Right End																		
DFCL	D	G																		
DFCL	D	G	D10 – L100 – T2										H14		NC1		KC6.5 – YC1.5		- LFC13-DKC	

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