

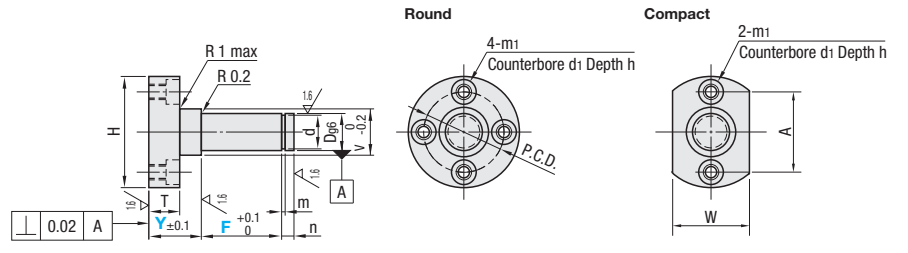
Cantilever Shafts

Flanged - Configurable / Selectable Dimensions



Type		Material	Surface Treatment
Round	Compact	1045 Carbon Steel	Black Oxide
FXFA	FXEA		Electroless Nickel Plating
PFXFA	PFXEA	304 Stainless Steel	-
SFXFA	-		-

D Tolerance (g6)	
6	-0.004 -0.012
8, 10	-0.005 -0.014
12-18	-0.006 -0.017
20-30	-0.007 -0.020
35-50	-0.009 -0.025



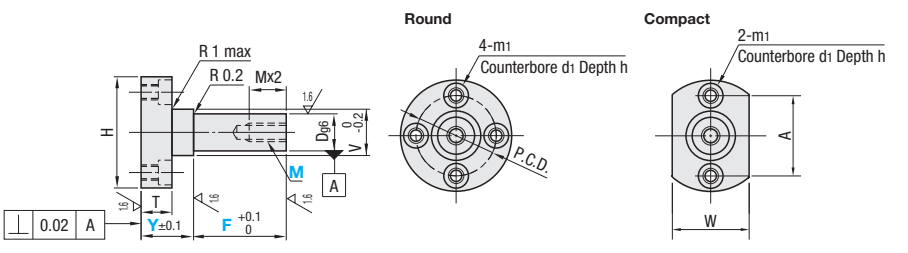
Part Number	Type	No.	D	1mm Increment		V	H	T	m1	d1	h	P.C.D.	d Tolerance	m	n	W	A	Unit Price										
				Y	F													FXFA	PFXFA	SFXFA	FXEA	PFXEA						
6	Round	6A	6	12-60	5-100	8	26	10	M4	6.5	3.5	17	5	+0.075	0.7	2	14	17										
8		8A	8						10	28		M5	8	4.4	26	7	+0.090	0.9	3	15	19							
10		10A	10						13	32		M4	6.5	3.5	23	9.6	0	-0.090	1.15	3	16	23						
12		12	12						15	36		M5	8	4.4	26	11.5	0		4	20	26							
13		13	13						16	38								27	12.4	0		4	22	27				
15		15	15				18	40								30	14.3	0		4	24	30						
16		16	16				19	42								31	15.2	-0.110		4	25	31						
17		17	17				20	44								32	16.2	0		4	28	32						
18	Compact	18	18		17-75	10-150	21	46		M6	9.5	5.4	34	17	0		5	31	34									
20		20	20						24				48					36	19	-0.210		5	32	36				
22		22	22					26	50								39	21	0		5	34	39					
25		25	25					29	54								42	23.9	0		5	38	42					
30		30	30					34	62					M8	11	6.5	49	28.6	0		5	42	49					
35		35	35				39	70					55				33	0		5	50	55						
40		40	40				44	80					63				38	-0.250		5	56	63						
50		50	50				54	90					73				47	0		5	70	73						
							20-75																					

Mounting holes are tapped and counterbored to allow mounting from either the front or the back side.



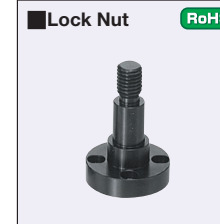
Type		Material	Surface Treatment
Round	Compact	1045 Carbon Steel	Black Oxide
FXFB	FXEB		Electroless Nickel Plating
PFXFB	PFXEB	304 Stainless Steel	-
SFXFB	-		-

D Tolerance (g6)	
6	-0.004 -0.012
8, 10	-0.005 -0.014
12-18	-0.006 -0.017
20-30	-0.007 -0.020
35-50	-0.009 -0.025



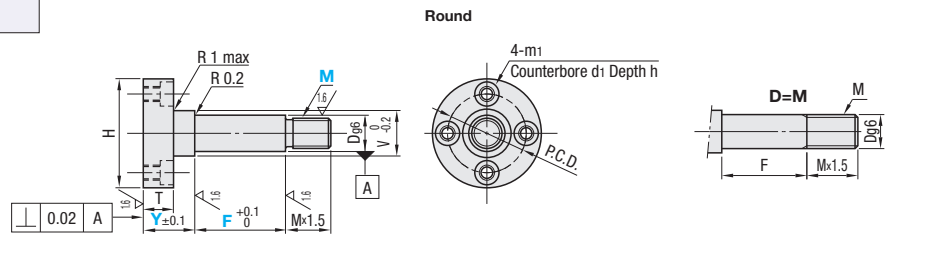
Part Number	Type	No.	D	1mm Increment		V	H	T	m1	d1	h	P.C.D.	W	A	Unit Price										
				Y	F										Round	Compact									
6	Round	6A	6	12-60	5-100	8	26	10	M4	6.5	3.5	17	14	17											
8		8A	8						10	28		M5	8	4.4	26	-	-								
10		10A	10						13	32		M4	6.5	3.5	23	16	23								
12		12	12						15	36		M5	8	4.4	26	20	26								
13		13	13						16	38								27	22	27					
15		15	15				18	40								30	24	30							
16		16	16				19	42								31	25	31							
17		17	17				20	44								32	28	32							
18	Compact	18	18		17-75	10-150	21	46		M6	9.5	5.4	34	17	0		5	31	34						
20		20	20						24				48					36	32	36					
22		22	22					26	50								39	34	39						
25		25	25					29	54								42	38	42						
30		30	30					34	62					M8	11	6.5	49	42	49						
35		35	35				39	70					55				50	55							
40		40	40				44	80					63				56	63							
50		50	50				54	90					73				70	73							
							20-75																		

Mounting holes are tapped and counterbored to allow mounting from either the front or the back side.



Type		Material	Surface Treatment
Round	Compact	1045 Carbon Steel	Black Oxide
FXFC	PFXFC		Electroless Nickel Plating
SFXFC	-	304 Stainless Steel	-
-	-		-

D Tolerance (g6)	
6	-0.004 -0.012
8, 10	-0.005 -0.014
12-18	-0.006 -0.017
20-30	-0.007 -0.020
35-50	-0.009 -0.025



Part Number	Type	No.	D	1mm Increment		V	H	T	m1	d1	h	P.C.D.	Unit Price												
				Y	F								FXFC	PFXFC	SFXFC										
6	Round	6A	6	12-60	5-100	8	26	10	M4	6.5	3.5	17													
8		8A	8						10	28		M5	8	4.4	26										
10		10A	10						13	32		M4	6.5	3.5	23										
12		12	12						15	36		M5	8	4.4	26	11.5	0								
13		13	13						16	38								27	12.4	0					
15		15	15				18	40								30	14.3	0							
16		16	16				19	42								31	15.2	-0.110							
17		17	17				20	44								32	16.2	0							
18	Compact	18	18		17-75	10-150	21	46		M6	9.5	5.4	34	17	0		5	31	34						
20		20	20						24				48					36	19	-0.210		5	32	36	
22		22	22					26	50								39	21	0		5	34	39		
25		25	25					29	54								42	23.9	0		5	38	42		
30		30	30					34	62					M8	11	6.5	49	28.6	0		5	42	49		
35		35	35				39	70					55				33	0		5	50	55			
40		40	40				44	80					63				38	-0.250		5	56	63			
50		50	50				54	90					73				47	0		5	70	73			
							20-75																		

M dimensions with () (M15 and M25) are Fine Thread. Specify MSC instead of M. Mounting holes are tapped and counterbored to allow mounting from either the front or the back side.

Ordering Example: Part Number - Y - F - M
 FXFA12 - 27 - F35
 FXFB10 - 30 - F40 - M4

Price [Configure Online](#)

Days to Ship [Configure Online](#)

Example:

Thread Undercut Dimensions:

Alterations: Part Number - Y - F - M (MSC) - (YKC, APC...etc.)
 PFXFC10 - 20 - F40 - MSC10 - APC

Alterations	Retaining Ring Set	Y Dimension Tolerance	Add a Pilot	Fine Thread
Code	SET	YKC	APC	MSC
Spec.	Attaches a retaining ring to each applicable shaft diameter. [Ordering Code] SET Applicable to Retaining Ring Type. Retaining Ring Shape No. 6 - 8A: E Type Retaining Ring No. 10 - 30: C Type Retaining Ring Retaining Ring Material	Changes Y dimension tolerance to ±0.05. Applicable to all types. [Ordering Code] YKC	Adds a pilot to the Shoulder seat. Applicable to all types. [Ordering Code] APC	Changes the Lock Nut Type Thread M to Fine Thread on the table below. Applicable to Lock Nut Type only. Specify MSC instead of M. [Ordering Code] MSC8
Price Adder				

Coarse Thread				
Thread Dia.(M)	g	r	f	
4	1.2-1.5	0.2-0.3	29-32	
5			39-41	
6			43-49	
8	1.5-2.5	0.2-0.6	63-66	
10			81-83	
12	1.5-3.0	0.2-1.0	98-101	
16			136-138	
20	1.5-4.0		170-172	
24			202-207	
30	2.5-5.0	0.2-1.5	260-262	

Fine Thread				
Thread Dia.(MSC)	g	r	f	
4	1.2-1.5	0.2-0.3	29-32	
5			39-41	
6			43-49	
8	1.5-2.5	0.2-0.6	63-66	
10			83-86	
12	1.5-3.0	0.2-1.0	98-107	
15	1.5-3.0	0.2-1.0	136-138	
20	1.5-4.0		172-188	
25	2.5-5.0	0.2-1.5	202-232	
30			262-282	