

# Cantilever Shafts (For Tension)

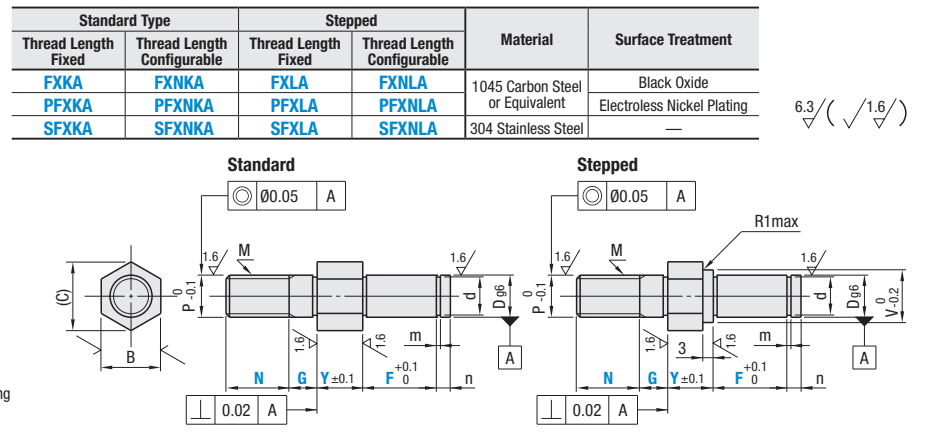
## Retaining Ring / Bolt Fixing



RoHS10

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

This type may have centering holes depending on dimensions.



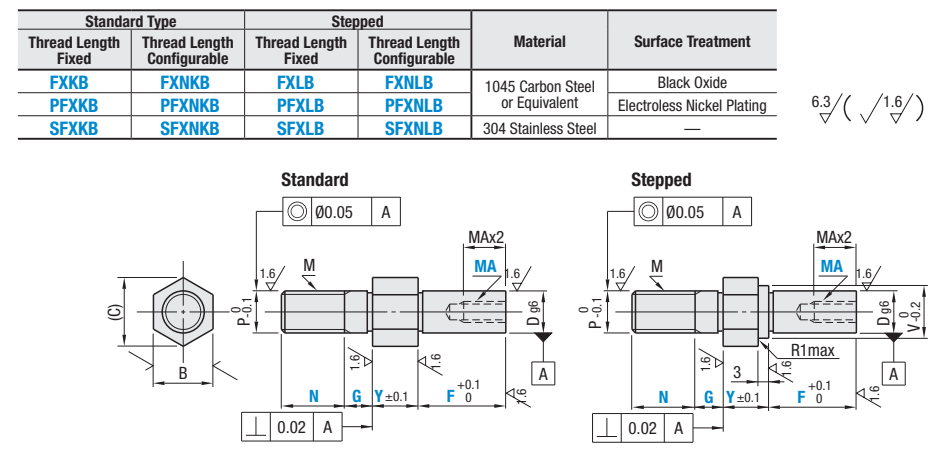
Part Number	Type	No.	D	1 mm Increment			N		P	M (Coarse)	V (Stepped Only)	B	C	d	Tolerance	m	n		
				Y	F	G	Thread Length Fixed	Thread Length Configurable											
Standard Fixed FXKA PFXKA SFXKA	Configurable	6	6	5-60	5-100	5-10	9	6-12	6	M6	8	10	11.5	5	+0.075 0	0.7	2		
		8	8				12	8-16	8	M8	10	12	13.9	7	+0.090 0	0.9	3		
		10	10				15	10-20	10	M10	13	14	16.2	9.6	0 -0.090	1.15			
		12	12				18	12-24	12	M12	15	11.5	15	17	19.6			11.5	0 -0.110
		13	13								16	12.4	18	19	21.9		14.3		
	15	15	18	15.2	20	22					27.5	16.2							
	16	16	10-150	5-20	20	20-40	20	M20	21	24	27.7	17	19	0 -0.210	1.35	5			
	17	17							20	20	22	27.5	16.2						
	18	18							21	24	27.7	17	19	0 -0.210					
	20	20							20	M20	24	27	31.2	19					
22	22	20							M20	26	29	34.6	23.9						
22A	22A	25	25	29	30	34.6	23.9	21	0 -0.210	1.65									
25	25	20	M20	29	30	34.6	23.9												
25A	25A	30	30	34	36	41.6	28.6												
30	30	30A	30A	16	M16	34	36	41.6	28.6	16	M16	34	36	41.6	28.6	1.65			



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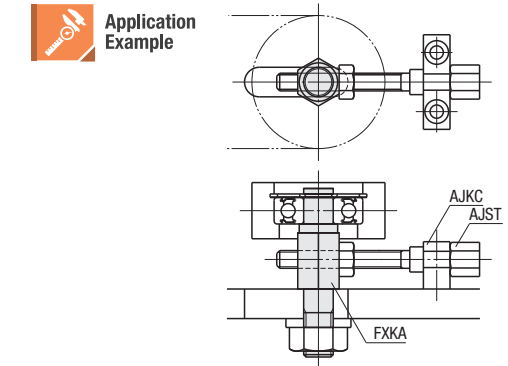
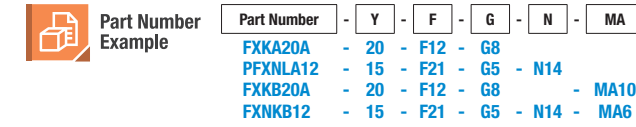
Please refer to Table 1 to specify dimensions Y and F.



Part Number	Type	No.	D	1 mm Increment			N		MA (Coarse)	P	M (Coarse)	V (Stepped Only)	B	C	Table 1				
				Y	F	G	Thread Length Fixed	Thread Length Configurable							MA	Y+F			
Standard Fixed FXKB PFXKB SFXKB	Configurable	6	6	5-60	5-100	5-10	9	6-12	3	6	M6	8	10	11.5	M3	Y+F≥11.5			
		8	8				12	8-16	4	8	M8	10	12	13.9	M4	Y+F≥14.0			
		10	10				15	10-20	4 5 6	10	M10	13	14	16.2	M5	Y+F≥16.2			
		12	12				18	12-24	6 8 10	12	M12	15	17	19.6	15	17	19.6	M6	Y+F≥18.5
		13	13									16	12.4	18	19	21.9	M8	Y+F≥23.5	
	15	15	18	15.2	20	22						27.5	M10	Y+F≥28.5					
	16	16	10-120	5-20	20	20-40	20	M20	21	24	27.7	21	24	27.7	M12	Y+F≥35.5			
	17	17							20	20	22	27.5	16.2						
	18	18							21	24	27.7	17	19	0 -0.210					
	20	20							20	M20	24	27	31.2	19					
22	22	20							M20	26	27	31.2	21	0 -0.210					
22A	22A	25	25	29	30	34.6	23.9	21	0 -0.210	1.65									
25	25	20	M20	29	30	34.6	23.9												
25A	25A	30	30	34	36	41.6	28.6												
30	30	30A	30A	16	M16	34	36	41.6	28.6	16	M16	34	36	41.6	28.6	1.65			

# Cantilever Shafts (For Tension)

## Retaining Ring / Bolt Fixing, continued



Alterations	Retaining Ring Set	Y Dimension Tolerance	Width Across Flats	Tapped Hole																																
		YKC	SC	MTC																																
Code	SET	YKC	SC	MTC																																
Spec.	Attaches a retaining ring to each applicable shaft diameter. Ordering Code: SET Available for retaining ring type. Retaining Ring Shape No.6-8: E Type Retaining Ring No.3-8A: E Type Retaining Ring Retaining Ring Material	Changes Y dimension tolerance to ±0.05. Applicable to all types. Ordering Code: YKC	An alteration of width across flats can be made for a slot hole guide. Applicable to all types. Ordering Code: SC P (wrench flats) tolerance is +0.2/0.	An alteration of a tapped hole made for shaft push/pull. Allows combined use of AJST (P.1710) or AJKC (P.1712). (Configurable dimension Y is limited. Refer to the table below.) Ordering Code: MTC																																
	<table border="1"> <thead> <tr> <th rowspan="2">D</th> <th rowspan="2">X</th> <th rowspan="2">M<sub>1</sub></th> <th colspan="2">Y min.</th> </tr> <tr> <th>Standard</th> <th>Stepped</th> </tr> </thead> <tbody> <tr> <td>6</td> <td rowspan="3">10</td> <td>M4</td> <td>15</td> <td>18</td> </tr> <tr> <td>8</td> <td>M5</td> <td>16</td> <td>19</td> </tr> <tr> <td>10</td> <td>M6</td> <td>18</td> <td>21</td> </tr> <tr> <td>12-18</td> <td rowspan="3">15</td> <td>M8</td> <td>25</td> <td>28</td> </tr> <tr> <td>20-25A</td> <td>M10</td> <td>27</td> <td>30</td> </tr> <tr> <td>30, 30A</td> <td>M12</td> <td>27</td> <td>30</td> </tr> </tbody> </table>	D	X	M <sub>1</sub>	Y min.		Standard	Stepped	6	10	M4	15	18	8	M5	16	19	10	M6	18	21	12-18	15	M8	25	28	20-25A	M10	27	30	30, 30A	M12	27	30		
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