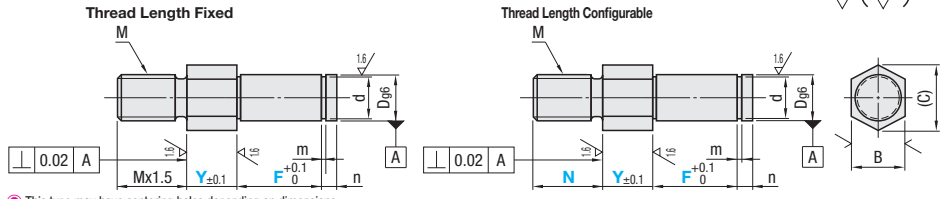




Type		Material	Surface Treatment
Thread Length Fixed	Thread Length Configurable		
LXAA	LXNAA	S45C	Black Oxide
PLXAA	PLXNAA	Equivalent	Electroless Nickel Plating
SLXAA	SLXNAA	SUS304	-



⚠ This type may have centering holes depending on dimensions.
 ⚠ Refer to the table below for thread undercut dimensions.

Part Number Type	No.	Dg6	1mm Increment					M (Coarse)	d		m	n	Unit Price												
			Y	F	N	B	(C)		Ref. Dim.	Tolerance			Thread Length Fixed LXAA	Thread Length Configurable PLXAA	Thread Length Configurable SLXAA										
Thread Length Fixed LXAA PLXAA SLXAA	3	3	2-30	3-50	3-6	6	6.9	M 3	2	+0.060	0.5	2													
	4	4						M 4	3	0															
	5	5						M 5	4	+0.075															
	6	6						M 6	5	0															
	8	8						M 8	7	+0.090			0.9	3											
	10	10						M10	9.6	0															
	12	12								-0.090															
	13	13						2-60	12-24	11.5					14	16.2	M12	11.5	0	-0.110	1.15	4			
	15	15																12.4							
	16	16																14.3							
17	17	15.2																							
18	18	16.2																							
20	20	17																							
22	22	10-150	20-40	24	27.7	M20	19				0	-0.210						1.35					5		
25	25						21																		
25A	25						23.9																		
30	30						28.6																		
30A	30																								

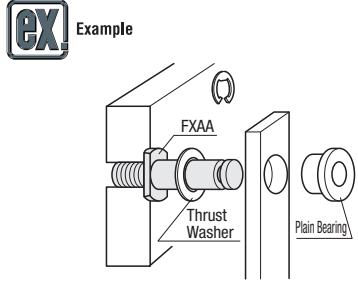
⚠ N is available for Thread Length Configurable Type only.

Ordering Example: Part Number - Y - F - N
 FXAA10 - 25 - F18
 PLXNAA12 - 15 - F25 - N12

Alterations Part Number - Y - F - N - (YKC, WSC, SET)
 FXAA20 - 20 - F20 - YKC

Alterations	Y Dimension Tolerance	Four Wrench Flats	Retaining Ring Set
Code	YKC	WSC	SET

Spec.	Changes Y dimension tolerance to ±0.05. ⚠ Applicable to all types. Ordering Code YKC	Changes from two wrench flats to four wrench flats. ⚠ Applicable to Standard and Stepped Types. Ordering Code WSC	Retaining Ring applicable to each shaft diameter is included. Ordering Code SET ⚠ Applicable to all types. Retaining Ring Shape No.=3 ~ 8A: E Type Retaining Ring No.=10 ~ 30A: C Type Retaining Ring Retaining Ring Material
			Cantilever Shafts
			Retaining Ring
			S45C Black Oxide Spring Steel
			SUS304 Electroless Nickel Plating SUS304-CSP
			SCM435 Black Oxide Spring Steel
			SCM435 Electroless Nickel Plating SUS304-CSP



⚠ Thread Undercut Dimensions

Thread Dia. (M)	Coarse Thread		
	g	r	f
3			2.1-2.4
4	1.2-1.5	0.2-0.3	2.9-3.2
5			3.9-4.1
6			4.3-4.9
8	1.5-2.5	0.2-0.6	6.3-6.6
10			8.1-8.3
12			9.8-10.1
16	1.5-3.0	0.2-1.0	13.6-13.8
20	1.5-4.0		17.0-17.2