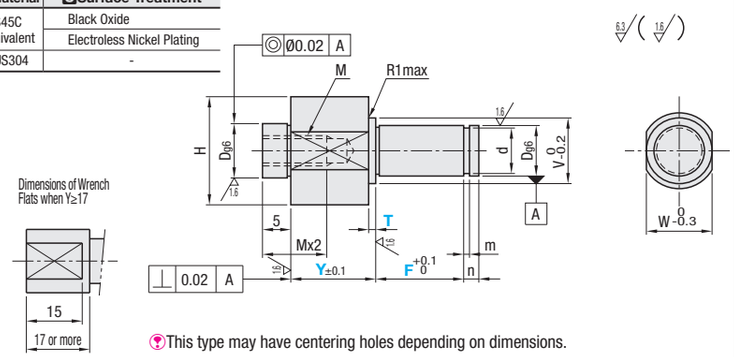
Cantilever Shafts
Heavy Load

Features: This is the highly stable type with a tapped hole mounting on a large base.

Type	Material	Surface Treatment
FXMA	S45C Equivalent	Black Oxide
PFXMA		Electroless Nickel Plating
SFXMA	SUS304	-



This type may have centering holes depending on dimensions.

Part Number Type	No.	Dg6		1mm Increment Y	1mm Increment F	Selection T	M Coarse	V	H	W	d Ref. Dim.	d Tolerance	m	n	Unit Price FXMA	Unit Price PFXMA	Unit Price SFXMA
FXMA PFXMA SFXMA	6	6	-0.004 -0.012	4~60	5~75	1 3 5	M3	8	14	12	5	+0.075 0	0.7	2			
	8	8	-0.005 -0.014				M4	10	17	14	7	+0.090 0	0.9	3			
	10	10				2 5 8	M6	13	21	18	9.6	0 -0.090	1.15				
	12	12	-0.006 -0.017		10~100		M8	15	24	21	11.5	0 -0.110		4			
	15	15						18	28	25	14.3						
	17	17						20	32	28	16.2						
	20	20	-0.007 -0.020	4~75				24	36	32	19	0 -0.120	1.35	5			
	25	25						29	43	38	23.9						
	30	30						34	50	44	28.6		1.65				

When the pilot hole depth is ≥Y+F+5, the pilot for M goes through. Also, when Mx2≥Y+F+5, M goes through.

Ordering Example

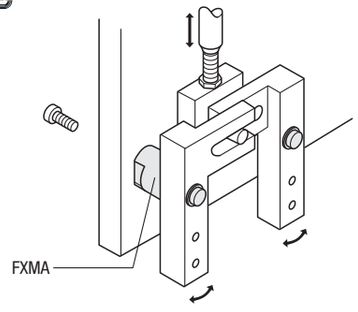
Part Number	-	Y	-	F	-	T
FXMA20	-	20	-	F70	-	T5
SFXMA12	-	10	-	F100	-	T2

Alterations

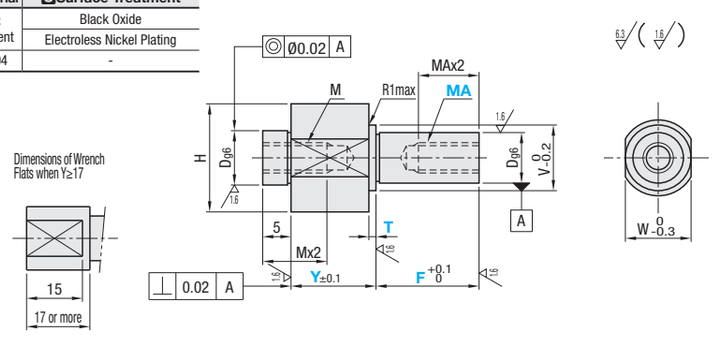
Part Number	-	Y	-	F	-	T	-	(SET · SC)
PFXMA15	-	20	-	F60	-	T8	-	SET -SC

Alterations	Retaining Ring Set	Wrench Flats
Code	SET	SC
Spec.	Retaining Ring applicable to each shaft diameter is included. Ordering Code SET Retaining Ring Shape No.=6, 8: E Type Retaining Ring No.10 ~ 30: C Type Retaining Ring Retaining Ring Material	An alteration of wrench flats can be made for a slot hole guide. Ordering Code SC For D (Wrench Flats), the tolerance is always positive. Y-T≥6

Cantilever Shafts		Retaining Ring
Material	Surface Treatment	Material
S45C	Black Oxide	Spring Steel
	Electroless Nickel Plating	SUS304-CSP
SUS304	-	



Type	Material	Surface Treatment
FXMB	S45C Equivalent	Black Oxide
PFXMB		Electroless Nickel Plating
SFXMB	SUS304	-



Part Number Type	No.	Dg6		1mm Increment Y	1mm Increment F	Selection T	Selection MA (Coarse)	M Coarse	V	H	W	Unit Price FXMB	Unit Price PFXMB	Unit Price SFXMB
FXMB PFXMB SFXMB	6	6	-0.004 -0.012	4~60	5~75	1 3 5	3	M3	8	14	12			
	8	8	-0.005 -0.014				4	M4	10	17	14			
	10	10				2 5 8	4 5 6	M6	13	21	18			
	12	12	-0.006 -0.017		10~100		5 6 8	M8	15	24	21			
	15	15							18	28	25			
	17	17					6 8 10		20	32	28			
	20	20	-0.007 -0.020						24	36	32			
	25	25					8 10 12		29	43	38			
	30	30					8 10 12 16		34	50	44			

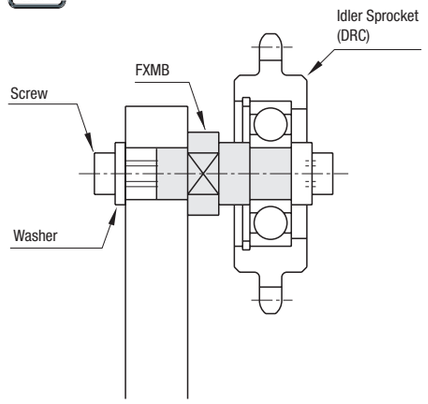
Tap Size	Effective Length	Pilot Hole Depth
M3	6	11
M4	8	14
M5	10	17
M6	12	20
M8	12	25
M10	20	29
M12	24	34
M16	32	44

Please select Y, F and T so that M and MA don't interfere with each other.

Ordering Example

Part Number	-	Y	-	F	-	T	-	MA
FXMB20	-	20	-	F70	-	T5	-	MA6
SFXMB12	-	10	-	F100	-	T2	-	MA6

Alterations

Part Number	-	Y	-	F	-	T	-	MA	-	(SC)
PFXMB15	-	20	-	F60	-	T8	-	MA10	-	SC

Alterations	Wrench Flats
Code	SC
Spec.	An alteration of wrench flats can be made for a slot hole guide. Ordering Code SC For D (Wrench Flats), the tolerance is always positive. Y-T≥6