


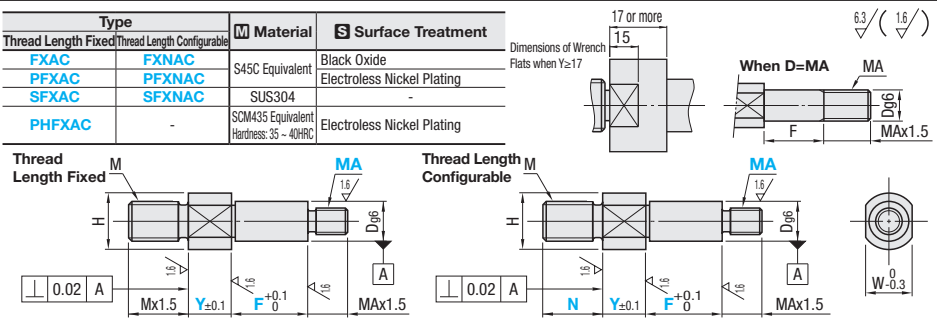
Cantilever Shafts

Threaded with Threaded Ends

Standard



Type	Material	Surface Treatment
FXAC PFXAC SFXAC	S45C Equivalent SUS304	Black Oxide Electroless Nickel Plating
PHFXAC	SCM435 Equivalent Hardness: 35 - 40HRC	Electroless Nickel Plating



Dimensions of Wrench Flats when $Y \geq 17$

When $D=MA$


RoHS 10

This type may have centering holes depending on dimensions.
Refer to the table on P888 for thread undercut dimensions.

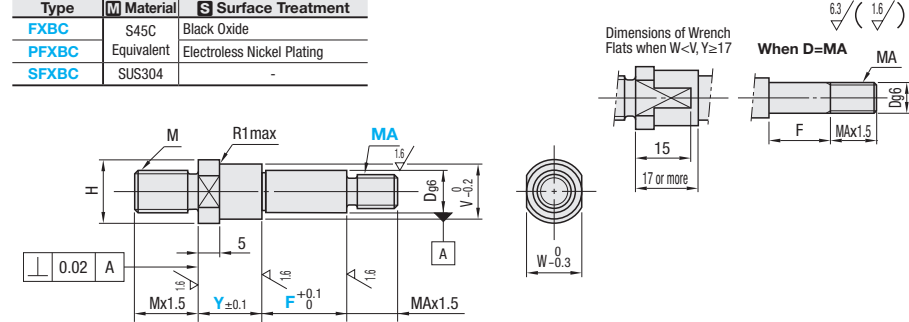
Part Number	Type	No.	Dg6	1mm Increment		MA (Coarse) Selection		H	W	M (Coarse)	Unit Price							
				Y	F	N	FXAC				PFXAC	SFXAC	PHFXAC	FXNAC	PFXNAC	SFXNAC		
Thread Length Fixed FXAC PFXAC SFXAC PHFXAC (D≥6)	3	3	-0.002	2-30	3- 50	3- 6	3	7	5	M 3								
	3A	3	-0.008					11	9									
	4	4	-0.004					5-100	4- 8		3 4	8	6					
	4A	4										12	10					
	5	5	-0.012	2-60	5-100	5-10	3 4 5	9	7	M 5								
	5A	5	13					11										
	6	6	-0.005					10-20	6 8 10		4 5 6	10	8	M 6				
	6A	6										14	12					
	8	8	-0.014	10-100	10-100	8-16	5 6 8	12	10	M 8								
	8A	8	16					14										
10	10	-0.006	12-24					6 8 10	6 8 10 12		15	13	M10					
10A	10										20	17						
Thread Length Configurable FXNAC SFXNAC PFXNAC	12	12	-0.007	4-60	20-40	10 12 (15) 16 20	10 12 (15) 16 20	17	14	M12								
	13	13	-0.017					18	15									
	15	15	-0.007					10-100	8 10 12 (15)		8 10 12 (15)	20	17	M20				
	16	16										21	18					
	17	17	-0.020	10-100	10 12 (15) 16 20 24 (25)	10 12 (15) 16 20 24 (25)	22	19	M16									
	18	18					23	20										
	20	20	-0.007	10-100	10 12 (15) 16 20	10 12 (15) 16 20	26	24	M20									
	20A	20					28	24										
	22	22	-0.020	10-100	10 12 (15) 16 20 24 (25) 30	10 12 (15) 16 20 24 (25) 30	31	27	M16									
	25	25					36	32										
25A	25																	
30	30																	
30A	30																	

MA dimensions with () (M15 and M25) are Fine Thread. Specify MSC instead of MA. N is available for Thread Length Configurable Type only. PHFXAC is applicable to D6 or larger specifications.

Stepped



Type	Material	Surface Treatment
FXBC	S45C	Black Oxide
PFXBC	Equivalent	Electroless Nickel Plating
SFXBC	SUS304	-



Dimensions of Wrench Flats when $W < V, Y \geq 17$

When $D=MA$

RoHS 10

This type may have centering holes depending on dimensions.
Refer to the table on P888 for thread undercut dimensions.

Part Number	Type	No.	Dg6	1mm Increment		MA (Coarse) Selection		V	H	W	M (Coarse)	Unit Price						
				Y	F	FXBC	PFXBC					SFXBC						
Thread Length Fixed FXBC PFXBC SFXBC	3	3	-0.002	7-30	3- 50	3	3	5	7	5	M 3							
	3A	3	-0.008					9	11	9								
	4	4	-0.004					5-100	3 4	3 4		6	8	6	M 4			
	4A	4										10	12	10				
	5	5	-0.012	2-60	5-100	3 4 5	3 4 5	7	9	7	M 5							
	5A	5	11					13	11									
	6	6	-0.005					10-20	4 5 6	4 5 6		8	10	8	M 6			
	6A	6										12	14	12				
	8	8	-0.014	10-100	10-100	5 6 8	5 6 8	10	12	10	M 8							
	8A	8	14					16	14									
10	10	-0.006	12-24					6 8 10	6 8 10	13		15	13	M10				
10A	10									18		20	17					
Thread Length Configurable FXNAC SFXNAC PFXNAC	12	12	-0.007	7-60	10-100	6 8 10 12	6 8 10 12	15	17	14	M12							
	13	13	-0.017					16	18	15								
	15	15	-0.007					10-100	8 10 12 (15)	8 10 12 (15)		18	20	17	M16			
	16	16										20	22	19				
	17	17	-0.020	10-100	10 12 (15) 16 20	10 12 (15) 16 20	21	23	20	M20								
	18	18					24	26	24									
	20	20	-0.007	10-100	10 12 (15) 16 20	10 12 (15) 16 20	26	28	24	M16								
	20A	20					28	24										
	22	22	-0.020	10-100	10 12 (15) 16 20 24 (25)	10 12 (15) 16 20 24 (25)	29	31	27	M20								
	22A	22					34	36	32									
25	25																	
25A	25																	
30	30																	
30A	30																	

MA dimensions with () (M15 and M25) are Fine Thread. Specify MSC instead of MA. When $W < V$, wrench flats W reaches O.D.V.