


# Cantilever Shafts

## Screw Mount with Threaded End

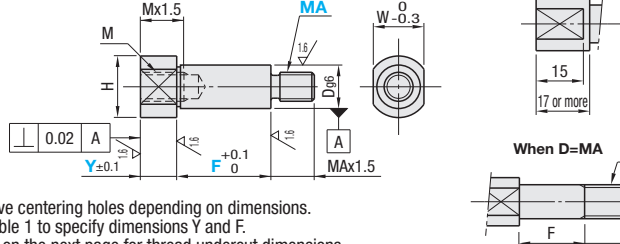
**Standard**

Type	Material	Surface Treatment
FXHC	S45C Equivalent	Black Oxide
PFXHC	S45C Equivalent	Electroless Nickel Plating
SFXHC	SUS304	-



6.3 / (1.6 / )

Dimensions of Wrench Flats when  $Y \geq 17$



When  $D=MA$

⚠ This type may have centering holes depending on dimensions.  
 ⚠ Please refer to Table 1 to specify dimensions Y and F.  
 ⚠ Refer to the table on the next page for thread undercut dimensions.

**RoHS 10**

Part Number Type	No.	Dg6	1mm Increment		MA (Coarse) Selection	M (Coarse)	H	W	Unit Price		
			Y	F					FXHC	PFXHC	SFXHC
FXHC PFXHC SFXHC	6	6	-0.004	5-100	4 5 6	M 3	10	8			
	6A	6	-0.012								
	8	8	-0.005				M 4	12	10		
	8A	8	-0.014								
	10	10	-0.014				M 6	15	13		
	10A	10	-0.017								
	12	12	-0.006	2-60	6 8 10 12	M 8	17	14			
	13	13	-0.017								
	15	15	-0.006								
	16	16	-0.017				M10	18	15		
	17	17	-0.017								
	18	18	-0.017								
	20	20	-0.007	4-75	10 12 (15) 16 20	M12	20	17			
	20A	20	-0.020								
	22	22	-0.007				M 8	21	18		
	22A	22	-0.020								
	25	25	-0.007				M16	23	20		
	25A	25	-0.020								
30	30	-0.007			M12	26	24				
30A	30	-0.020									
					M16	28	26				
					M16	31	27				
					M20	36	32				
					M16						


**Table 1**

M	Y+F
M3	Y+F ≥ 10
M4	Y+F ≥ 12
M6	Y+F ≥ 15.5
M8	Y+F ≥ 19.5
M10	Y+F ≥ 23.5
M12	Y+F ≥ 29.5
M16	Y+F ≥ 37
M20	Y+F ≥ 45

⚠ MA dimensions with ( ) (M15 and M25) are Fine Thread. Specify MSC instead of MA.

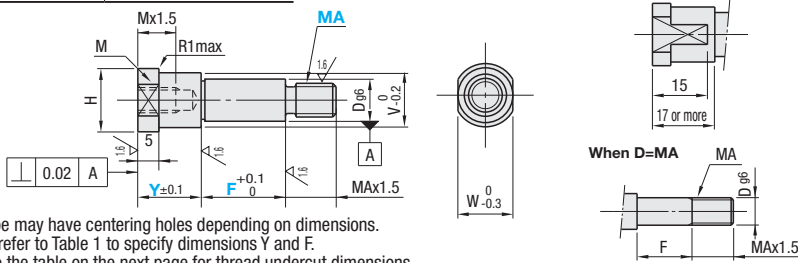
**Stepped**

Type	Material	Surface Treatment
FXJC	S45C Equivalent	Black Oxide
PFXJC	S45C Equivalent	Electroless Nickel Plating
SFXJC	SUS304	-



6.3 / (1.6 / )

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



When  $D=MA$

⚠ This type may have centering holes depending on dimensions.  
 ⚠ Please refer to Table 1 to specify dimensions Y and F.  
 ⚠ Refer to the table on the next page for thread undercut dimensions.

**RoHS 10**

Part Number Type	No.	Dg6	1mm Increment		MA (Coarse) Selection	M (Coarse)	V	H	W	Unit Price		
			Y	F						FXJC	PFXJC	SFXJC
FXJC PFXJC SFXJC	6	6	-0.004	5-75	4 5 6	M 3	8	10	8			
	6A	6	-0.012									
	8	8	-0.005				M 4	10	12	10		
	8A	8	-0.014									
	10	10	-0.014				M 6	14	16	14		
	10A	10	-0.017									
	12	12	-0.006	7-60	6 8 10 12	M 8	13	15	13			
	13	13	-0.017									
	15	15	-0.006									
	16	16	-0.017				M10	18	20	17		
	17	17	-0.017									
	18	18	-0.017									
	20	20	-0.007	10-75	10 12 (15) 16 20	M12	15	17	14			
	20A	20	-0.020									
	22	22	-0.007				M 8	16	18	15		
	22A	22	-0.020									
	25	25	-0.007				M16	18	20	17		
	25A	25	-0.020									
30	30	-0.007			M12	19	21	18				
30A	30	-0.020										
					M 8	20	23	20				
					M 8	26	28	26				
					M16	29	31	27				
					M20	34	36	32				
					M16							

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M	Y+F
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M6	Y+F ≥ 15.5
M8	Y+F ≥ 19.5
M10	Y+F ≥ 23.5
M12	Y+F ≥ 29.5
M16	Y+F ≥ 37
M20	Y+F ≥ 45

⚠ MA dimensions with ( ) (M15 and M25) are Fine Thread. Specify MSC instead of MA.

⚠ When  $W < V$ , wrench flats W reaches O.D.V.