

Cantilever Shafts (Pilot – Threaded with Tapped End)

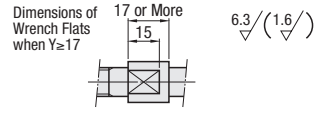
Standard / Stepped

Cantilever Shafts – Pilot – Threaded with Tapped End Standard

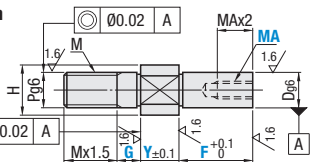


RoHS10

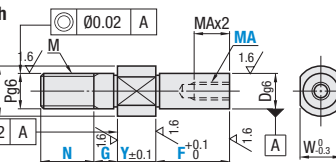
Type	Material	Surface Treatment
FXCB	1045 Carbon Steel or Equivalent	Black Oxide
PFXCB	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
SFXCB	304 Stainless Steel	—



Thread Length Fixed



Thread Length Configurable



Please refer to Table 1 to specify dimensions Y and F. This type may have centering holes depending on dimensions.

Part Number	Type	No.	Dg ₆	1 mm Increment			MA (Coarse)	Pg ₆	M (Coarse)	H	W	Available Types															
				Y	F	G						N	Thread Length Fixed			Thread Length Config.											
													FXCB	PFXCB	SFXCB	FXNCB	PFXNCB	SFXNCB									
6		6	-0.004	2-60	5-100	5-10	3	6	M6	10	8																
6A		6	-0.012																								
8		8	-0.005												4	8	M8	12	10								
8A		8	-0.014																								
10		10	-0.014												4 5 6	10	M10	15	13								
10A		10	-0.017																								
12		12	-0.006												5 6 8	12	M12	17	14								
13		13	-0.017																								
15		15	-0.006												12-24	12	M12	18	15								
16		16	-0.017																								
17		17	-0.007				6 8 10	20	M20	20	17																
18		18	-0.020																								
20		20	-0.007				6 8 10 12	20	M20	26	24																
20A		20	-0.020																								
22		22	-0.007				8 10 12 16	16	M16	28	25																
22A		22	-0.020																								
25		25	-0.020				8 10 12 16	20	M20	31	27																
25A		25	-0.020																								
30		30	-0.007				8 10 12 16 20	20	M20	36	32																
30A		30	-0.020																								

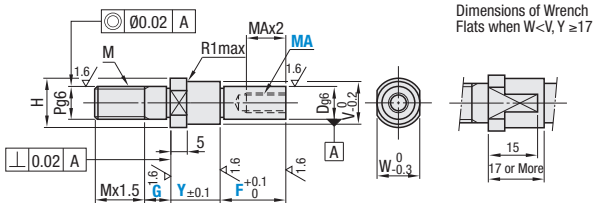
N dimension can only be specified for the Thread Length Configurable Type.

Cantilever Shafts – Pilot – Threaded with Tapped End Stepped



RoHS10

Type	Material	Surface Treatment
FXDB	1045 Carbon Steel or Equivalent	Black Oxide
PFXDB	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
SFXDB	304 Stainless Steel	—



Please refer to Table 1 to specify dimensions Y and F. This type may have centering holes depending on dimensions.

Part Number	Type	No.	Dg ₆	1 mm Increment			MA (Coarse) Selection	Pg ₆	M (Coarse Thread)	V	H	W	Available Types														
				Y	F	G							FXDB	PFXDB	SFXDB												
																6		6	-0.004	7-60	5-100	5-10	3	6	M6	8	10
6A		6	-0.012																								
8		8	-0.005				4	8	M8	12	10																
8A		8	-0.014																								
10		10	-0.014				4 5 6	10	M10	15	13																
10A		10	-0.017																								
12		12	-0.006				5 6 8	12	M12	17	14																
13		13	-0.017																								
15		15	-0.006				6 8 10	12	M12	18	15																
16		16	-0.017																								
17		17	-0.007				6 8 10	20	M20	20	17																
18		18	-0.020																								
20		20	-0.007				6 8 10 12	20	M20	24	26																
20A		20	-0.020																								
22		22	-0.007				8 10 12 16	16	M16	26	28																
22A		22	-0.020																								
25		25	-0.020				8 10 12 16	20	M20	29	31																
25A		25	-0.020																								
30		30	-0.007				8 10 12 16 20	20	M20	34	36																
30A		30	-0.020																								

When W < V, width across flats W reaches outer diameter V.

Table 1

MA	Y+F
M3	Y+F≥11.5
M4	Y+F≥14.0
M5	Y+F≥16.2
M6	Y+F≥18.5
M8	Y+F≥23.5
M10	Y+F≥28.5
M12	Y+F≥35.5
M16	Y+F≥45.0
M20	Y+F≥55.0

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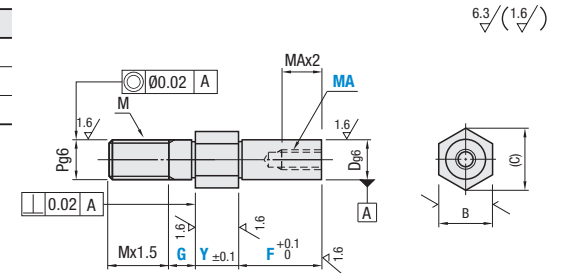
Hex

Cantilever Shafts – Pilot – Threaded with Tapped End Hex



RoHS10

Type	Material	Surface Treatment
PLXCB	1045 Carbon Steel or Equivalent	Electroless Nickel Plating
LXCB	1045 Carbon Steel or Equivalent	Black Oxide
SLXCB	304 Stainless Steel	—



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

Part Number	Type	No.	Dg ₆	1 mm Increment			MA (Coarse)	Pg ₆	M (Coarse)	B	(C)						
				Y	F	G											
												6		6	-0.004	2-60	5-100
6A		6	-0.012														
8		8	-0.005			4	8	M8	10	11.5							
8A		8	-0.014														
10		10	-0.014			4 5 6	10	M10	13	15.0							
10A		10	-0.017														
12		12	-0.006			5 6 8	12	M12	14	16.2							
13		13	-0.017														
15		15	-0.006			6 8 10	12	M12	17	19.6							
16		16	-0.017														
17		17	-0.007			6 8 10 12	20	M20	19	21.9							
18		18	-0.020														
20		20	-0.007			6 8 10 12	20	M20	24	27.7							
20A		20	-0.020														
22		22	-0.007			8 10 12 16	16	M16	27	31.2							
22A		22	-0.020														
25		25	-0.020			8 10 12 16 20	20	M20	32	36.9							
25A		25	-0.020														
30		30	-0.007														
30A		30	-0.020														

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M10	Y+F≥28.5
M12	Y+F≥35.5
M16	Y+F≥45.0
M20	Y+F≥55.0

Part Number Example
 FXCB8 - 15 - F25 - G5 - MA4
 PFXNCB10 - 27 - F10 - G5 - N10 - MA5

Part Number Alterations
 FXCB15 - 10 - F21 - G7 - MA6 - WSC

Application Example

Alterations	Y Dimension Tolerance	Four Wrench Flats
Code	YKC	WSC
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 / Stepped Types. Ordering Code: WSC

