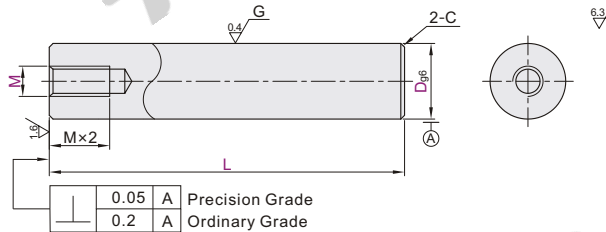


Shafts

One End Tapped Ordinary Grade/Precision Grade

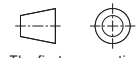


Code	Type	Accuracy Grade	DTol.	Material		Hardness	Surface Treatment
				GB	Equiv.		
SCD02	One End Tapped	Ordinary Grade	g6	GCr15	SUJ2	Induction Hardened Effective Hardened Depth refer to P10 Quench Hardness GCr15 HRC56~S45C HRC56~9Cr18Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness HRC52~	Hard Chrome Plating,Plating Hardness HV750~, Plating Thickness More Than 3um
SCD06				9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	SUS440C Or Corrosion-Resistant Steel With Equivalent Hardness		
SCD07				45	S45C		
SCD22				45	S45C		
SCD52	Precision Grade	Precision Grade	g6	GCr15	SUJ2	Induction Hardened Effective Hardened Depth refer to P10 Quench Hardness GCr15 HRC56~S45C HRC56~9Cr18Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness HRC52~	Hard Chrome Plating,Plating Hardness HV750~, Plating Thickness More Than 3um
SCD56				9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	SUS440C Or Corrosion-Resistant Steel With Equivalent Hardness		
SCD57				9Cr18Mo Or Corrosion-Resistant Steel With Equivalent Hardness	SUS440C Or Corrosion-Resistant Steel With Equivalent Hardness		



□ Circularity, Straightness, Perpendicularity and Changes in Hardness. Please refer to shaft product introduction.

□ Annealing may lower hardness at shaft end machined areas (effective thread length + approx. 10mm). Please refer to shaft product introduction.



Ordinary Grade

Part Number Code	D _{g6}	1 mm Inc.	M Selection	C
6	-0.004 -0.012	15~600	3	0.5 Below
8	-0.005 -0.014	15~800	3 4 5	
10	-0.005 -0.014	15~800	3 4 5 6	
12	-0.005 -0.014	15~1000	4 5 6 8	
13	-0.006 -0.017	20~1000	4 5 6 8 10	1.0 Below
15	-0.006 -0.017	20~1000	4 5 6 8 10	
16	-0.007 -0.020	20~1200	4 5 6 8 10 12	
18	-0.007 -0.020	20~1200	4 5 6 8 10 12	
20	-0.007 -0.020	25~1200	4 5 6 8 10 12 16	1.0 Below
25	-0.007 -0.020	25~1200	4 5 6 8 10 12 16	
30	-0.009 -0.025	30~1500	4 5 6 8 10 12 16 20	
35	-0.009 -0.025	30~1500	8 10 12 16 20 24	
40	-0.009 -0.025	40~1500	10 12 16 20 24 30	1.0 Below
50	-0.009 -0.025	60~1500	12 16 20 24 30	

Precision Grade

Part Number Code	D _{g6}	1 mm Inc.	M Selection	C
6	-0.004 -0.012	20~300	3	0.5 Below
8	-0.005 -0.014		3 4 5	
10	-0.005 -0.014		3 4 5 6	
12	-0.005 -0.014		4 5 6 8	
13	-0.006 -0.017	20~350	4 5 6 8	0.5 Below
15	-0.006 -0.017		4 5 6 8 10	
16	-0.006 -0.017		4 5 6 8 10	
18	-0.006 -0.017		4 5 6 8 10 12	
20	-0.007 -0.020	25~450	4 5 6 8 10 12	1.0 Below
25	-0.007 -0.020		4 5 6 8 10 12 16	
30	-0.007 -0.020		4 5 6 8 10 12 16 20	
30	-0.007 -0.020		4 5 6 8 10 12 16 20	

Optional Processing

Part Number Code	D	L	M	Optional Processing Code
SCD02	15~600			EC()
SCD06	15~800	3 4 5		MC() JD()

SCD02—D6—L20—M3 SCD02—D6—L20—M3—LC

Discount price

Per	1~4	5~
Price	100%	Additional quotation

Delivery

4

Code	Spec.																
LC	<p>L Dimension Tolerance Change</p> <p>Ordering Code LC</p> <p>□ 0.1 mm Increment</p> <p>□ When L < 300, L_{+0.03};</p> <p>When 300 ≤ L < 600, L_{+0.05};</p> <p>When L ≥ 600, L_{+0.1}.</p> <p>□ L > 300 's Precision Grade is not applicable.</p>																
MC()	<p>Change to Fine Tapped Thread</p> <p>Ordering Code MC14</p> <table border="1"> <thead> <tr> <th>D</th> <th>MC</th> </tr> </thead> <tbody> <tr> <td>12-13</td> <td>8 —</td> </tr> <tr> <td>15-16</td> <td>8 10 —</td> </tr> <tr> <td>18</td> <td>8 10 12</td> </tr> <tr> <td>20</td> <td>8 10 12 16</td> </tr> <tr> <td>25-35</td> <td>8 10 12 16 20</td> </tr> <tr> <td>40</td> <td>— 10 12 16 20</td> </tr> <tr> <td>50</td> <td>— 12 16 20</td> </tr> </tbody> </table> <p>Pitch 1.0 1.25 1.5</p> <p>□ In selection, M must be changed to MC.</p> <p>□ In selection, M and MC must be the same size.</p>	D	MC	12-13	8 —	15-16	8 10 —	18	8 10 12	20	8 10 12 16	25-35	8 10 12 16 20	40	— 10 12 16 20	50	— 12 16 20
D	MC																
12-13	8 —																
15-16	8 10 —																
18	8 10 12																
20	8 10 12 16																
25-35	8 10 12 16 20																
40	— 10 12 16 20																
50	— 12 16 20																

Code	Spec.								
EC()	<p>Set Screw Flat at One Location</p> <p>Ordering Code EC10-K8</p> <p>□ 1 mm Increment</p> <p>□ Only applicable to ordinary grade.</p> <table border="1"> <tr> <th>D</th> <th>h</th> </tr> <tr> <td>6~18</td> <td>1</td> </tr> <tr> <td>20~40</td> <td>2</td> </tr> <tr> <td>50</td> <td>3</td> </tr> </table>	D	h	6~18	1	20~40	2	50	3
D	h								
6~18	1								
20~40	2								
50	3								
JD()	<p>Add Keyway at One Location</p> <p>Ordering Code JD10-J10</p> <p>□ 1 mm Increment</p> <p>□ When JD = 0, see the right figure.</p> <p>□ Only applicable to D=12, 16, 20, 25 and 30.</p> <p>□ Keyway details refer to P10.</p> <p>□ Only applicable to ordinary grade.</p>								

□ When selecting multiple Optional Processing, the distance between machined areas should be greater than 2 mm.

□ Optional Processing may reduce hardness.