

Standard/with Wrench Flats

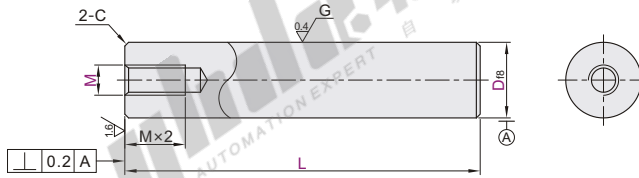
One End Tapped (D Tol. f8)

Shafts

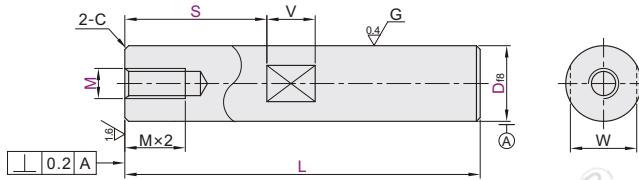
Standard	with Wrench Flats	Accuracy Grade	D Tol.	Material		Hardness	Surface Treatment
				GB	Equiv.		
SCD11	SCE11	Ordinary Grade	f8	45	S45C	—	Hard Chrome Plating, Plating Hardness HV750+, Plating Thickness More Than 3µm
SCD14	SCE14	Ordinary Grade	f8	0Cr18Ni9	SUS304	—	



Standard
SCD11
SCD14



with Wrench Flats
SCE11
SCE14



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

The first perspective

□ Standard

Part Number Code	D _φ	L 1 mm Inc.	M Selection	C
8	15~800	3 4 5		
10	15~800	3 4 5 6		
12	15~1000	4 5 6 8		
13	15~1000	4 5 6 8		
15	20~1000	4 5 6 8 10	0.5 Below	
16	20~1200	4 5 6 8 10		
18*	25~1200	4 5 6 8 10 12		
20	25~1200	4 5 6 8 10 12		
25	30~1500	4 5 6 8 10 12 16		
30	30~1500	4 5 6 8 10 12 16 20	1.0 Below	
35*	40~1500	8 10 12 16 20 24		
40*	40~1500	10 12 16 20 24 30		
50*	60~1500	12 16 20 24 30		

□ with Wrench Flats

Part Number Code	D _φ	L 1 mm Inc.	M Selection	Wrench Flats Dimensions		C
				S	V	
6	15~600	3		5		
8	15~800	3 4 5		7	8	
10	15~800	3 4 5 6		8		
12	15~1000	4 5 6 8		10	0.5 Below	
13	15~1000	4 5 6 8		11		
15	20~1000	4 5 6 8 10		13	10	
16	20~1200	4 5 6 8 10		14		
18*	25~1200	4 5 6 8 10 12		16		
20	25~1200	4 5 6 8 10 12		17		
25	30~1200	4 5 6 8 10 12 16		22		
30	30~1500	6 8 10 12 16 20		27	15	1.0 Below
35*	40~1500	8 10 12 16 20 24		30		
40*	40~1500	10 12 16 20 24 30		36		
50*	60~1500	12 16 20 24 30		41		

□ Specifications with * do not apply to SCD14.

□ Specifications with * do not apply to SCE14.

□ Standard

Part Number	D	L	M
SCD11	6	15~600	3
SCD14	8	15~800	3 4 5

SCD11—D6—L80—M3

□ Optional Processing (Standard)

Part Number	D	L	M	Optional Processing Code
SCD11	6	15~600	3	EC()
SCD14	8	15~800	3 4 5	MC()/JD()

SCD11—D6—L80—M3—LC



Discount price	Per	1~4	5~
Price	100%	Additional quotation	

□ with Wrench Flats

Part Number	D	L	M	S
SCE11	6	15~600	3	
SCE14	8	15~800	3 4 5	

SCE11—D6—L80—M3—S20

□ Optional Processing (with Wrench Flats)

Part Number	D	L	M	S	Optional Processing Code
SCE11	6	15~600	3		MC()
SCE14	8	15~800	3 4 5		MC()

SCE11—D6—L80—M3—S20—LC



Delivery
4



Code	Spec.
LC	<p>Alteration to L Dimension Tolerance</p> <p>Ordering Code LC</p> <p>□ 0.1 mm Increment</p> <p>□ When L < 300, L_{±0.03}; When 300 ≤ L < 600, L_{±0.05}; When L ≥ 600, L_{±0.1}.</p>
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 P.10.</p>

Code	Spec.																		
EC()	<p>Set Screw Flat at One Location</p> <p>Ordering Code EC10-K8</p> <p>□ 1 mm Increment</p> <table border="1"> <thead> <tr> <th>D</th> <th>h</th> </tr> </thead> <tbody> <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> </tbody> </table>	D	h	6~18	1	20~40	2	50	3										
D	h																		
6~18	1																		
20~40	2																		
50	3																		
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>—</td> </tr> <tr> <td>15~16</td> <td>—</td> </tr> <tr> <td>18</td> <td>—</td> </tr> <tr> <td>20</td> <td>8</td> </tr> <tr> <td>25~35</td> <td>10</td> </tr> <tr> <td>40</td> <td>12</td> </tr> <tr> <td>50</td> <td>12</td> </tr> <tr> <td>Pitch</td> <td>1.0 1.25 1.5</td> </tr> </tbody> </table> <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	—	15~16	—	18	—	20	8	25~35	10	40	12	50	12	Pitch	1.0 1.25 1.5
D	MC																		
12~13	—																		
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18	—																		
20	8																		
25~35	10																		
40	12																		
50	12																		
Pitch	1.0 1.25 1.5																		

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

□ Optional processing may reduce hardness.