

Hollow Shafts

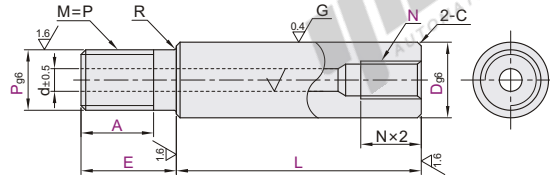
- One End Threaded, One End Tapped/Both Ends Threaded
- One End Stepped/One End Stepped, One End Tapped

Code	Type	D Tol.	Material GB Equiv.	Hardness	Surface Treatment
SLJ01	One End Threaded, One End Tapped	g6	GCr15 SUJ2	Induction Hardened Effective Hardened Depth refer to P10 Quench Hardness GCr15 HRC56~	Hard Chrome Plating, Plating Hardness HV750~, Plating Thickness More Than 3µm
SLL01	Both Ends Threaded				
SLM01	One End Stepped				
SLN01	One End Stepped, One End Tapped				

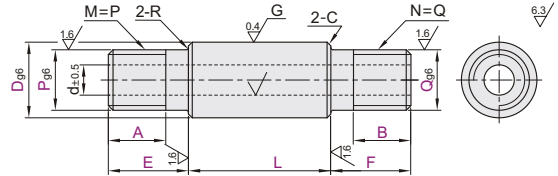


- The inner part of Hollow, Tapped part and lateral holes are not chrome plated, which may cause rust.
- Circularity, Straightness, Perpendicularity and Changes in Hardness. Please refer to shaft product introduction.
- Annealing may lower hardness at shaft end machined areas (effective thread length + approx. 10mm), Please refer to shaft product introduction.
- Note: when A=0 or A-B=0, there is no external thread.**

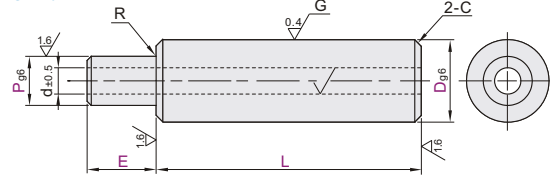
One End Threaded, One End Tapped SLJ01



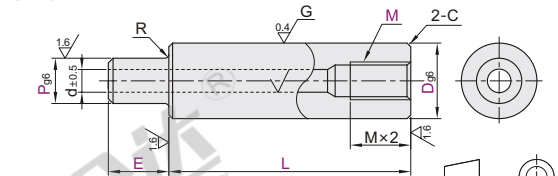
Both Ends Threaded SLL01



One End Stepped SLM01



One End Stepped, One End Tapped SLN01



The first perspective

One End Threaded, One End Tapped

Part Number	1 mm Increment			P	N	d	R	C
Code	Dg6	L	E	A	Selection			
16	-0.006 -0.017				16	12 T2(RC1/4)	8	0.5Below
20		20~1200			20	16 T3(RC3/8)	14	0.3
25	-0.007 -0.020		E=2~Px5		24	24	15	1.0Below
30					24 30	20	17	
35	-0.009 -0.025	20~1500			30	24	19	0.5
40					30	24 30	20	

One End Stepped

Part Number	1 mm Increment			P	d	R	C
Code	Dg6	L	E	P			
16	-0.006 -0.017			13≤P<D	8	0.5Below	
20		20~1200		16≤P<D	14	0.5	
25	-0.007 -0.020		E=2~Px3	20≤P<D	15		
30				22≤P<D	17	1.0Below	
35	-0.009 -0.025	20~1500		24≤P<D	19		
40				25≤P<D	20	0.3	
50				32≤P<D	26		

Both Ends Threaded

Part Number	1 mm Increment			P-Q	d	R	C
Code	Dg6	L	E-F	A-B	Selection		
16	-0.006 -0.017				16	8	0.5Below
20		20~1200			20	14	0.3
25	-0.007 -0.020		E=2~Px5		24	15	1.0Below
30			F=2~Qx5		24 30	17	
35	-0.009 -0.025	20~1500			30	19	0.5
40					30	20	

One End Stepped, One End Tapped

Part Number	1 mm Increment			M	d	R	C
Code	Dg6	L	E	P	Selection		
16	-0.006 -0.017			13≤P<D	12 T2(RC1/4)	8	0.5Below
20		20~1200		16≤P<D	16 T3(RC3/8)	14	0.5
25	-0.007 -0.020		E=2~Px3	20≤P<D	20	15	1.0Below
30				22≤P<D	24	17	
35	-0.009 -0.025	20~1500		24≤P<D	24	19	0.3
40				25≤P<D	24 30	20	
50				32≤P<D	30	26	

If A=0 and B=0 are specified, there is no thread machining.

One End Threaded, One End Tapped

Part Number	1 mm Increment			P	N
Code	D	L	E	A	Selection
SLJ01	16	20	1200	E=2~Px5	16 12 T2 20 16 T3

Both Ends Threaded

Part Number	1 mm Increment			P-Q
Code	D	L	E-F	A-B
SLL01	16	20	1200	E=2~Px5 F=2~Qx5

One End Stepped

Part Number	1 mm Increment			P
Code	D	L	E	P
SLM01	16	20	1200	E=2~Px3 13≤P<D



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

One End Stepped, One End Tapped

Part Number	1 mm Increment			M
Code	D	L	E	P
SLN01	16	20	1200	E=2~Px3 13≤P<D 16 T3

Optional Processing (One End Threaded, One End Tapped)

Part Number	1 mm Increment			P	N	Optional Processing Code
Code	D	L	E	A	P	N
SLJ01	16	20	1200	E=2~Px5	16 12 T2	20 16 T3



Delivery	4
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Code	Spec.
LC	Alteration to L Dimension Tolerance [Ordering Code] LC 0.1 mm Increment When L < 300, L±0.03; When 300 ≤ L < 600, L±0.05; When L ≥ 600, L±0.1.

Code	Spec.																								
SC(S)	Wrench Flats at One Location [Ordering Code] SC5 SD(S) Wrench Flats at Two Locations [Ordering Code] SD12-S8 1 mm Increment <table border="1"> <thead> <tr> <th>D</th> <th>W</th> <th>V</th> </tr> </thead> <tbody> <tr><td>16</td><td>14</td><td></td></tr> <tr><td>18</td><td>16</td><td>11</td></tr> <tr><td>20</td><td>17</td><td></td></tr> <tr><td>25</td><td>22</td><td></td></tr> <tr><td>30</td><td>27</td><td>16</td></tr> <tr><td>35</td><td>30</td><td></td></tr> <tr><td>40</td><td>36</td><td>21</td></tr> </tbody> </table>	D	W	V	16	14		18	16	11	20	17		25	22		30	27	16	35	30		40	36	21
D	W	V																							
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30	27	16																							
35	30																								
40	36	21																							

- When selecting multiple optional processing, the distance between machined areas should be greater than 2mm.
- Optional processing may reduce hardness.

SD optional machining is only applicable to SLJ01/SLL01.