

Circular Posts

One End Threaded One End Tapped / Both Ends Threaded / Thread Length Diameter Configurable with Wrench Flats

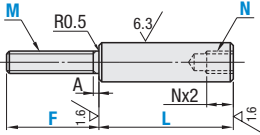
Circular Posts – One End Threaded, One End Tapped / Both Ends Threaded Thread Length Diameter Configurable with Wrench Flats



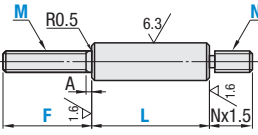
RoHS10

Type						Material	Surface Treatment
One End Threaded – One End Tapped Thread Length and Dia. Configurable		Both Ends Threaded		Both Ends Threaded Thread Length and Dia. Configurable			
Standard	Wrench Flats	Standard	Wrench Flats	Standard	Wrench Flats		
NETH	NETHS	NETL	NETLS	—	NETPS	1018 Carbon Steel or Equivalent	—
ETKH	ETKHS	ETKL	ETKLS	—	ETKPS		Black Oxide
PETH	PETHS	PETL	PETLS	PETP	PETPS		Electroless Nickel Plating
SETH	SETHS	SETL	SETLS	SETP	SETPS	304 Stainless Steel	—

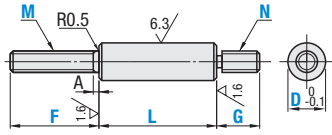
One End Threaded – One End Tapped Thread Length & Dia. Configurable (Standard)



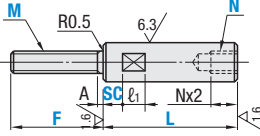
Both Ends Threaded (Standard)



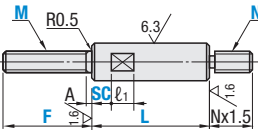
Both Ends Threaded Thread Length & Diameter Configurable (Standard)



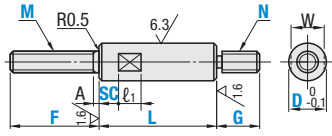
(Wrench Flats)



(Wrench Flats)



(Wrench Flats)



Tapping may cause slight swelling of D dimension. Anti-rust Oil is applied on 1018 Carbon Steel or Equivalent products. $SC \leq L - L_1$

25 (6.3/1.6)

One End Threaded One End Tapped / Both Ends Threaded, Thread Length & Dia. Configurable

Part Number		0.5 mm Increment				M	N	W	ℓ ₁	A
Type	D	L	F	SC Wrench Flats Only						
(Standard)	(Wrench Flats)	5 15–100	5–25	0–92	2.6 3	2.6 3		4	8	1.0
One End Threaded One End Tapped 1018 Carbon Steel or Equivalent NETH ETKH PETH 304 Stainless Steel SETH	Thread Length and Diameter Configurable 1018 Carbon Steel or Equivalent NETHS ETKHS PETHS 304 Stainless Steel SETHS	6 15–100	5–30	0–92	3 4	3 4		5		1.0
		8 20–200	8–40	0–192	4 5	4 5		7		1.6
		10 20–400	8–45	0–392	4 5 6	4 5 6		8		2.0
		12 25–500	10–55	0–490	5 6 8	5 6 8		10		2.5
		15 30–600	12–60	0–590	6 8 10	6 8 10		13		3.0
Both Ends Threaded 1018 Carbon Steel or Equivalent NETL ETKL PETL 304 Stainless Steel SETL	Both Ends Threaded 1018 Carbon Steel or Equivalent NETLS ETKLS PETLS 304 Stainless Steel SETLS	20 40–600	15–75	0–590	6 8 10 12	6 8 10 12		17	10	3.5
		25 55–700	20–80	0–690	6 8 10 12 16	6 8 10 12 16		22		4.0
		30 65–800	25–90	0–785	6 8 10 12 16 20	6 8 10 12 16 20		27	15	5.0
		*35 80–900	30–100	0–885	8 10 12 16 20 24	8 10 12 16 20 24		30	15	6.0
		*40 80–1000	35–110	0–980	10 12 16 20 24	10 12 16 20 24		36	20	6.0
		*50 80–1000	40–120	0–980	12 16 20 24	12 16 20 24		41	20	6.0

*D≥35 is applicable only to N____ E____ and P____. (Only applicable to 5 digit part types starting in E, N, and P) When L–SC≤Nx3, W–N≥2 is required. L≥Nx3+2

Circular Posts

One End Threaded One End Tapped / Both Ends Threaded / Thread Length Diameter Configurable with Wrench Flats, *continued*

Both Ends Threaded, Thread Length & Dia. Configurable

Part Number		0.5 mm Increment					M	N	W	ℓ ₁	A
Type	D	L	F	G	SC Wrench Flats Only						
(Standard) 1018 Carbon Steel or Equivalent PETP	5	15–100	5–25	5–25	0–92	2.6 3	2.6 3		4	8	1.0
304 Stainless Steel SETP	6	15–100	5–30	5–30	0–92	3 4	3 4		5		1.0
	8	20–200	8–40	8–40	0–192	4 5	4 5		7		1.6
	10	20–400	8–45	8–45	0–392	4 5 6	4 5 6		8		2.0
(Wrench Flats) 1018 Carbon Steel or Equivalent NETPS ETKPS PETPS	12	25–500	10–55	10–55	0–490	5 6 8	5 6 8		10		2.5
	15	30–600	12–60	12–60	0–590	6 8 10	6 8 10		13	10	3.0
	20	40–600	15–75	15–75	0–590	6 8 10 12	6 8 10 12		17		3.5
	25	55–700	20–80	20–80	0–690	6 8 10 12 16	6 8 10 12 16		22		4.0
	30	65–800	25–90	25–90	0–785	6 8 10 12 16 20	6 8 10 12 16 20		27	15	5.0
304 Stainless Steel SETPS	*35	80–900	30–100	30–100	0–885	8 10 12 16 20 24	8 10 12 16 20 24		30	15	6.0
	*40	80–1000	35–110	35–110	0–980	10 12 16 20 24	10 12 16 20 24		36	20	6.0
	*50	80–1000	40–120	40–120	0–980	12 16 20 24	12 16 20 24		41	20	6.0

*D≥35 is applicable only to N____, E____ and P____.

Part Number		Available Types					
Type	B	Min. L–200	L200.5–400	L400.5–600	L600.5–800	L800.5–1000	
One End Threaded One End Tapped, Thread Length & Dia. Configurable 1018 Carbon Steel or Equivalent NETH NETHS	5	•	—	—	—	—	
	6	•	—	—	—	—	
	8	•	—	—	—	—	
	10	•	•	—	—	—	
	12	•	•	—	—	—	
1018 Carbon Steel or Equivalent Black Oxide ETKH ETKHS	15	•	•	•	—	—	
	20	•	•	•	—	—	
	25	•	•	•	—	—	
1018 Carbon Steel or Equivalent Electroless Nickel Plating PETH PETHS	30	•	•	•	•	—	
	35	•	•	•	•	—	
	40	•	•	•	•	•	
304 Stainless Steel SETH SETHS	50	•	•	•	•	•	

Part Number Example

Part Number - L - F - G - SC - M - N
ETKH15 - 210.5 - F40 - M6 - N8
ETKLS12 - 300 - F40 - SC150 - M5 - N8
NETPS12 - 300 - F40 - G20 - SC150 - M8 - N8

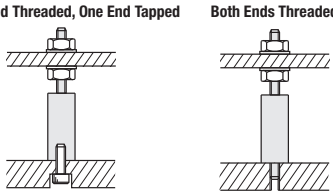
L dim. tolerance is normally.
L15–300 ±0.2
L300.5–600 ±0.3
L600.5–1000 ±0.4

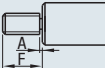
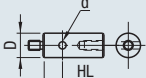
However the when L≤200, all Simultaneously Produced pieces in a lot Will Have L dim. tolerance of ± 0.02 or better.
Except L Dimension Selectable

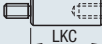
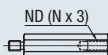
Part Number Alterations

Part Number - L - F - G - SC - M - N - (FC / HL)
ETKH15 - 210.5 - F40 - M6 - N8 - VC
ETKLS12 - 300 - F40 - SC150 - M5 - N8 - VC
NETPS12 - 300 - F40 - G20 - SC150 - M8 - N8 - HL100

Application Example



Alterations	Code	Spec.																														
Undercut 	FC	Adds a relief to Dimension A. Ordering Code: FC																														
Through Hole for Hexagonal Wrench 	HL	HL=1mm Increment ① $d/2+5 \leq HL \leq L-(d/2+5)$ ① Applicable to $8 \leq D \leq 30$ only Ordering Code: HL10 <table><tr><th>D</th><th>d</th><th>Hex Wrench Width</th><th>D</th><th>d</th><th>Hex Wrench Width</th></tr><tr><td>8</td><td>2.5</td><td>2</td><td>20</td><td>5.8</td><td>5</td></tr><tr><td>10</td><td>3</td><td>2.5</td><td>25</td><td>6.9</td><td>6</td></tr><tr><td>12</td><td>3.5</td><td>3</td><td>30</td><td>9.2</td><td>8</td></tr><tr><td>15</td><td>4.6</td><td>4</td><td></td><td></td><td></td></tr></table>	D	d	Hex Wrench Width	D	d	Hex Wrench Width	8	2.5	2	20	5.8	5	10	3	2.5	25	6.9	6	12	3.5	3	30	9.2	8	15	4.6	4			
D	d	Hex Wrench Width	D	d	Hex Wrench Width																											
8	2.5	2	20	5.8	5																											
10	3	2.5	25	6.9	6																											
12	3.5	3	30	9.2	8																											
15	4.6	4																														

Alterations	Code	Spec.								
L Dimension Tolerance 	LKC	L Dimension tolerances are as follows. Ordering Code: LKC <table><tr><th>L</th><th>L Tolerance</th></tr><tr><td>15-300</td><td>±0.05</td></tr><tr><td>300.5-600</td><td>±0.10</td></tr><tr><td>600.5-1000</td><td>±0.15</td></tr></table>	L	L Tolerance	15-300	±0.05	300.5-600	±0.10	600.5-1000	±0.15
L	L Tolerance									
15-300	±0.05									
300.5-600	±0.10									
600.5-1000	±0.15									
Thread Length 	ND	Change the effective length of the tapped thread portion to N x 3. Ordering Code: MD6/ND6 (Change N to ND) ① ND x 4 ≤ L ① Applicable to One End Threaded/One End Tapped type ❌ Not available for N2.6								