

Circular Posts

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

For products uncovered by the e-Catalog Standard, see P.131.

For this product, L dim. can be configured in 0.1mm increments by specifying LKC Alteration.

Circular Posts

Type						Material	Surface Treatment
One End Threaded One End Tapped, Thread Length & Dia. Configurable		Both Ends Threaded		Both Ends Threaded, Thread Length & Dia. Configurable			
Standard	Wrench Flats	Standard	Wrench Flats	Standard	Wrench Flats		
NETH	NETHS	NETL	NETLS	-	NETPS	Steel for General Structure SUS304	-
ETKH	ETKHS	ETKL	ETKLS	-	ETKPS		Black Oxide
PETH	PETHS	PETL	PETLS	PETP	PETPS		Electroless Nickel Plating
SETH	SETHS	SETL	SETLS	SETP	SETPS		-
							-

* C0.2~0.5 at the corner

• One End Threaded One End Tapped, Thread Length & Dia. Configurable (Standard)
 • Both Ends Threaded (Standard)
 • Both Ends Threaded, Thread Length & Dia. Configurable (Standard)

(Wrench Flats)

RoHS 10

⚠ Tapping may cause slight swelling of D dimension. ⚠ Anti-rust Oil is applied on products made of Steel for General Structure. ⚠ SC≤L-ℓ₁
 ⚠ The area around the wrench flats may become glossy due to polishing.

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

Part Number	0.5mm Increment				M (Coarse) Selection	N (Coarse) Selection	W	ℓ ₁	A
	Type	D	L	F					
One End Threaded One End Tapped Thread Length and Dia. Configurable (Standard) (Wrench Flats)	5	15-100	5-25	0-92	2.6 3 4	2.6 3	4	8	1.0
Steel for General Structure	6	15-100	5-30	0-92	3 4 5	3 4	5	8	1.0
NETH	8	20-200	8-40	0-192	3 4 5 6	3 4 5	7	8	1.6
NETHS	10	20-400	8-45	0-392	3 4 5 6 8	3 4 5 6	8	8	2.0
ETKH	12	25-500	10-55	0-490	4 5 6 8 10	4 5 6 8	10	10	2.5
ETKHS	15	30-600	12-60	0-590	5 6 8 10 12	5 6 8 10	13	10	3.0
PETH	20	40-600	15-75	0-590	5 6 8 10 12 16	5 6 8 10 12	17	10	3.5
PETHS	25	55-700	20-80	0-690	5 6 8 10 12 16 20	5 6 8 10 12 16	22	10	4.0
NETL	30	65-800	25-90	0-785	5 6 8 10 12 16 20 24	5 6 8 10 12 16 20	27	15	5.0
NETLS	*35	80-900	30-100	0-885	6 8 10 12 16 20 24	6 8 10 12 16 20 24	30	15	6.0
ETKL	*40	80-1000	35-110	0-980	8 10 12 16 20 24	8 10 12 16 20 24	36	20	6.0
ETKLS	*50	80-1000	40-120	0-980	10 12 16 20 24	10 12 16 20 24	41	20	6.0

* D≥35 is applicable only to N□□□□, E□□□□ and P□□□□. ⚠ When L-SC≤Nx3, W-N≥2 is required. ⚠ L≥Nx3+2

Both Ends Threaded, Thread Length & Dia. Configurable

Part Number	0.5mm Increment				M (Coarse) Selection	N (Coarse) Selection	W	ℓ ₁	A
	Type	D	L	F					
(Standard)	5	15-100	5-25	0-92	2.6 3 4	2.6 3 4	4	8	1.0
Steel for General Structure	6	15-100	5-30	0-92	3 4 5	3 4 5	5	8	1.0
PETP	8	20-200	8-40	0-192	3 4 5 6	3 4 5 6	7	8	1.6
SUS304	10	20-400	8-45	0-392	3 4 5 6 8	3 4 5 6 8	8	8	2.0
SETP	12	25-500	10-55	0-490	4 5 6 8 10	4 5 6 8 10	10	10	2.5
(Wrench Flats)	15	30-600	12-60	0-590	5 6 8 10 12	5 6 8 10 12	13	10	3.0
Steel for General Structure	20	40-600	15-75	0-590	5 6 8 10 12 16	5 6 8 10 12 16	17	10	3.5
NETPS	25	55-700	20-80	0-690	5 6 8 10 12 16 20	5 6 8 10 12 16 20	22	10	4.0
ETKPS	30	65-800	25-90	0-785	5 6 8 10 12 16 20 24	5 6 8 10 12 16 20 24	27	15	5.0
PETPS	*35	80-900	30-100	0-885	6 8 10 12 16 20 24	6 8 10 12 16 20 24	30	15	6.0
SUS304	*40	80-1000	35-110	0-980	8 10 12 16 20 24	8 10 12 16 20 24	36	20	6.0
SETPS	*50	80-1000	40-120	0-980	10 12 16 20 24	10 12 16 20 24	41	20	6.0

* D≥35 is applicable only to N□□□□, E□□□□ and P□□□□.

Ordering Example

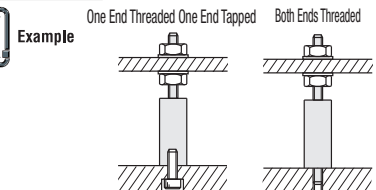
Part Number - L - F - G - SC - M - N

ETKH15 - 210.5 - F40 - - - M6 - N8

ETKLS12 - 300 - F40 - - SC150 - M5 - N8

NETPS12 - 300 - F40 - G20 - SC150 - M8 - N8

L Dimension Tolerance	
L 15-300	±0.1
L 300.5-600	±0.3
L 600.5-1000	±0.4



One End Threaded One End Tapped, Thread Length & Dia. Configurable

Part Number	Type	Unit Price				
		D	Min. L - 200	L200.5-400	L400.5-600	L600.5-800
Steel for General Structure	NETH	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Black Oxide	ETKH	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Electroless Nickel Plating	PETH	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
SUS304	SETH	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-

Both Ends Threaded

Part Number	Type	Unit Price				
		D	Min. L - 200	L200.5-400	L400.5-600	L600.5-800
Steel for General Structure	NETL	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Black Oxide	ETKL	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Electroless Nickel Plating	PETL	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
SUS304	SETL	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-

Both Ends Threaded, Thread Length & Dia. Configurable

Part Number	Type	Unit Price				
		D	Min. L - 200	L200.5-400	L400.5-600	L600.5-800
Steel for General Structure	NETPS	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Black Oxide	ETKPS	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
Steel for General Structure Electroless Nickel Plating	PETPS	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-
SUS304	SETPS	5	-	-	-	-
		6	-	-	-	-
		8	-	-	-	-
		10	-	-	-	-
		12	-	-	-	-
		15	-	-	-	-
		20	-	-	-	-
		25	-	-	-	-
		30	-	-	-	-
		35	-	-	-	-

Alterations

Part Number - L - F - G - SC - M - N - (LKC, FC, MLC, HL)

ETKH15 - 210.5 - F40 - - - M6 - N8 - FC

ETKLS12 - 300 - F40 - - SC150 - M5 - N8 - FC

NETPS12 - 300 - F40 - G20 - SC150 - M8 - N8 - HL100

Alterations	L Dimension Tolerance	Effective Tapped Length	Undercut	Threaded Length	Through Hole for Hex Wrench
	LKC	MD(Mx3)	FC	MLC	HL
Code	LKC	MD ND	FC	MLC	HL
Spec.	L Dimension tolerances are as follows: Ordering Code LKC By specifying LKC, L dim. can be configured in 0.1mm increment.	Changes the Effective Tapped Length to "M (N) x 3." Ordering Code MD3/ND3 (M is changed to MD, or N is changed to ND.)	Adds a relief to A Dimension. Ordering Code FC	Changes the threaded length. ⚠ Not applicable to D=5. MLC = 0.1mm Increment ⚠ Mx1≤MLC<Mx1.5 Ordering Code MCL10	HL = 1mm Increment Ordering Code HL10 ⚠ d/2+5≤HL≤L-(d/2+5) ⚠ Applicable to 8<D≤30 only

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			

⚠ When HL is combined with SC, a through hole is machined in perpendicular to SC part.