

Circular Posts

- Both Ends Female Threaded with Wrench Flats -



Features: Overall length and screw diameter are selectable. For Circular Posts, refer to P.1469.

CAD Data Folder Name : 29_Posts

When ordering, select Part Number and Values from Selection Steps 1~6.

Ordering Example (Selectable, Wrench Flats)

Part Number (1 Type · 2 B) - (3 L) - (4 SC) - (5 M) - (6 N)

Example (Selectable, Wrench Flats)

(L Dimension Configurable, Standard) ETKR10 - 150

(Thread Dia. Configurable, Wrench Flats) PETRF20 - 150

SETS25 - 400 - SC100 - M12 - N12

Both Ends Female Threaded Configurable



L Dimension Selectable	Type L Dimension Configurable						Material	Surface Treatment
	Standard	Wrench Flats		Thread Dia. Configurable	Thread Dia. Configurable, Wrench Flats			
ETKR	ETKRF	ETKRS	ETKF	ETKS			Steel for general structure	Black Oxide
PETR	PETRF	PETRS	PETF	PETS			Steel for general structure	Electroless Nickel Plating
SETR	SETRF	SETRS	SETF	SETS			SUS304 Equiv.	-

• L Dimension Selectable

• L Dimension Configurable

• Thread Dia. Configurable

• L Dimension Configurable, Wrench Flats

• Thread Dia. Configurable, Wrench Flats

25 / (6.3 / 1.6 /)

- L ≥ Mx2 + Nx2
- Tapping may cause slight swelling of D dimension.
- Anti-rust Oil is applied on Steel for general structure products.
- SC ≤ L - l1

L Dimension Selectable

Part Number	2D	3L Selection																M (Coarse)	S	W	l1	
Steel for general structure ETKR PETR SUS304 Equiv. SETR	6	15	20	25	30	35	40	45	50									3	3.5	5		
	8	20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4	6	7	8
	10	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	5	6	8	
	12	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	6	7.5	10	
	15	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	10	13	10		
20	40	45	50	60	70	80	90	100	110	120	130	140	150	200	10	15	17					

L Dimension Configurable / L Dimension Configurable, Wrench Flats

Part Number	2D	3L 1mm Increment	SC 1mm Increment Wrench Flats only	M (Coarse)	W	l1
L Dimension Configurable	6	8~50	0~42	3	5	8
L Dimension Configurable, Wrench Flats	10	10~150	0~142	4	7	8
Steel for general structure	12	15~350	0~342	5	8	
Steel for general structure	12	25~400	0~390	6	10	
ETKRF	15	25~400	0~390	8	13	10
PETRF	15	25~400	0~390	10	17	
PETRS	20	30~400	0~390	10	17	
SUS304 Equiv.	25	40~400	0~390	12	22	
SUS304 Equiv.	30	50~400	0~385	16	27	15

Thread Diameter Configurable / Thread Diameter Configurable, Wrench Flats

Part Number	2D	3L 1mm Increment	SC 1mm Increment Wrench Flats only	M · 6N (Coarse) Selection	W	l1
Thread Dia. Configurable	6	15~50	0~42	3 4	5	
Thread Dia. Configurable, Wrench Flats	8	15~150	0~142	3 4 5	7	8
Steel for general structure	10	20~350	0~342	4 5 6	8	
Steel for general structure	12	25~400	0~390	5 6 8	10	
ETKRF	15	30~400	0~390	6 8 10	13	10
PETRF	20	40~400	0~390	6 8 10 12	17	
PETRS	25	50~400	0~390	6 8 10 12 16	22	
SUS304 Equiv.	30	60~400	0~385	6 8 10 12 16 20	27	15

- When L ≤ Mx4, tapped hole goes through.
- When L ≤ (Mx2+5) + (N+2x5), the Tap pilot hole may go through.

L dim. tolerance is normally L 8-300 ± 0.2 L301-400 ± 0.3

When L ≤ 200, All simultaneously produced pieces in a lot will have L dim. tolerance within ± 0.02

• Except L Dimension Selectable

- L ≥ Mx2 + Nx2
- When SC ≤ Mx3, W-Mx2 is needed. When L-SC ≤ Nx3, W-Nx2 is needed.

Days to Ship 3 Days*

* for orders placed by THA: 12:30, SGP&MYS: 13:30 P.75

Order Quantity	Standard Service		Non-Standard Service
	Regular Quantity	Large Quantity	Large Quantity
Quantity	1~49	50~100	101~
Days to ship	Standard	+ 5 Days	To be quoted

Large Volume Order +5 Days 50~100

• except D = 35, 40, 50

Alterations Part Number (1 Type · 2 D) - (3 L) - (4 SC) - (5 M) - (6 N) - (LKC · HL)

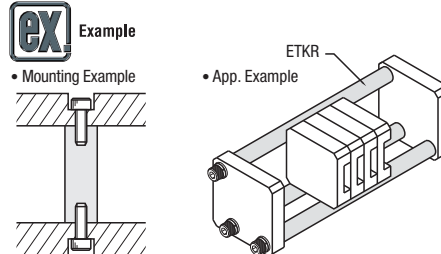
ETKRF10 - 150 - LKC

ETKF20 - 200 - M10 - N10 - LKC

SETS25 - 400 - SC100 - M10 - N12 - HL300

• Not applicable to L Selectable Type.

Alterations	Code	Spec.
L Dimension Tolerance	LKC	L Dimension tolerances are as follows: L Tolerance 8-300 ± 0.05 301-400 ± 0.10
Through Hole for Hexagon Wrench	HL	HL=1mm Increment • d/2+5 ≤ HL ≤ (d/2+5) • Applicable to 8 ≤ D ≤ 30 only <Ordering Code> HL10



Circular Posts

- One End Male Threaded - One End Female Thread - with Wrench Flats -



Features: When Male threaded length is specified, select MLC (threaded length change) alteration or Thread Length Configurable Type on P.1477.

CAD Data Folder Name : 29_Posts

When ordering, select Part Number and Values from Selection Steps 1~6.

Ordering Example (Selectable, Wrench Flats)

Part Number (1 Type · 2 D) - (3 L) - (4 SC) - (5 M) - (6 N)

Example (Selectable, Wrench Flats)

(L Dimension Configurable, Standard) PETGR10 - 150

(Thread Dia. Configurable, Wrench Flats) ETKGRF6 - 32

SETGS20 - 400 - SC100 - M10 - N8

One End Male Threaded One End Female Threaded Configurable



L Dimension Selectable	Type L Dimension Configurable						Material	Surface Treatment
	Standard	Wrench Flats		Thread Dia. Configurable	Thread Dia. Configurable, Wrench Flats			
ETKGR	ETKGRF	ETKGRS	ETKGF	ETKGS			Steel for general structure	Black Oxide
PETGR	PETGRF	PETGRS	PETGF	PETGS			Steel for general structure	Electroless Nickel Plating
SETR	SETRF	SETRS	SETG	SETGS			SUS304 Equiv.	-

• L Dimension Selectable

• L Dimension Configurable

• Thread Dia. Configurable

• L Dimension Configurable, Wrench Flats

• Thread Dia. Configurable, Wrench Flats

25 / (6.3 / 1.6 /)

- SC ≤ L - l1
- Tapping may cause slight swelling of D dimension.
- Anti-rust Oil is applied on Steel for general structure products.

L Dimension Selectable

Part Number	2D	3L Selection																M (Coarse)	S	W	l1	
Steel for general structure ETKGR PETGR SUS304 Equiv. SETGR	6	15	20	25	30	35	40	45	50									3	3.5	5		
	8	20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4	6	7	8
	10	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	5	6	8	
	12	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	6	7.5	10	
	15	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	10	13	10	
20	40	45	50	60	70	80	90	100	110	120	130	140	150	200	10	15	17					

L Dimension Configurable / L Dimension Configurable with Wrench Flats

Part Number	2D	3L 1mm Increment	SC 1mm Increment Wrench Flats Only	M (Coarse)	W	l1
L Dimension Configurable	6	15~50	0~42	3	5	8
L Dimension Configurable, Wrench Flats	8	20~150	0~142	4	7	8
Steel for general structure	10	20~350	0~342	5	8	
Steel for general structure	12	25~400	0~390	6	10	
ETKGRF	15	30~400	0~390	8	13	10
PETGRF	20	40~400	0~390	10	17	
PETGRS	25	50~400	0~390	12	22	
SUS304 Equiv.	30	55~400	0~385	16	27	15

Thread Diameter Configurable / Thread Diameter Configurable, Wrench Flats

Part Number	2D	3L 1mm Increment	SC 1mm Increment Wrench Flats Only	M · 6N (Coarse) Selection	W	l1
Thread Dia. Configurable	6	15~50	0~42	3 4	5	
Thread Dia. Configurable, Wrench Flats	8	20~150	0~142	3 4 5	7	8
Steel for general structure	10	20~350	0~342	4 5 6	8	
Steel for general structure	12	25~400	0~390	5 6 8	10	
ETKGF	15	30~400	0~390	6 8 10	13	10
PETGF	20	40~400	0~390	6 8 10 12	17	
PETGRS	25	55~400	0~390	6 8 10 12 16	22	
SUS304 Equiv.	30	65~400	0~385	6 8 10 12 16 20	27	15

• When L-SC ≤ Nx3, W-Nx2 is required.

L Dimension Tolerances are generally L 15~300 ± 0.2 L 301~400 ± 0.3

For L ≤ 200, ganged machining keeps L dimension variations within ± 0.02 for a single order.

• Except L Dimension Selectable

Days to Ship 3 Days*

* for orders placed by THA: 12:30, SGP&MYS: 13:30 P.75

Order Quantity	Standard Service		Non-Standard Service
	Regular Quantity	Large Quantity	Large Quantity
Quantity	1~49	50~100	101~
Days to ship	Standard	+ 5 Days	To be quoted

Large Volume Order +5 Days 50~100

• except D = 35, 40, 50

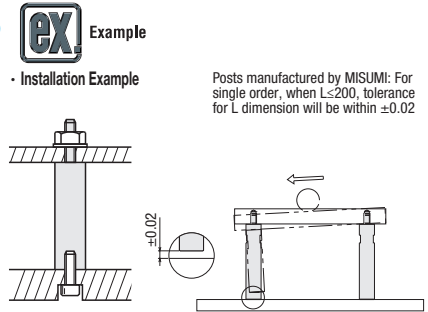
Alterations Part Number (1 Type · 2 D) - (3 L) - (4 SC) - (5 M) - (6 N) - (LKC · MLC · HL)

ETKGRF10 - 150 - MLC7

ETKG12 - 250 - M8 - N6 - LKC

ETKGS20 - 400 - SC100 - M10 - N8 - LKC - HL10

Alterations	Code	Spec.
L Dimension Tolerance	LKC	L Dimension tolerances are as follows: <Ordering Code> LKC L Tolerance 15-300 ± 0.05 301-400 ± 0.15
Through Hole for Hexagon Wrench	HL	HL=1mm Increment • d/2+5 ≤ HL ≤ (d/2+5) • Applicable to 8 ≤ D ≤ 30 only <Ordering Code> HL10
Male Threaded Length	MLC	Changes the threaded length. MLC=0.1mm Increment • Mx1 ≤ MLC < Mx1.5 <Ordering Code> MLC10



• Installation Example

Posts manufactured by MISUMI: For single order, when L ≤ 200, tolerance for L dimension will be within ± 0.02