

# Circular Posts –Tapped End/Threaded End–



The Circular Posts with one end male and one end female thread are available in 1018 steel and 304 stainless steel. The "Standard" Type has two wrench flats for easy mounting. See the optional modifications that can also be selected.

Material	Surface Treatment	Type		
		Standard	Configurable Length	Configurable Length, Selectable Thread
1018 Steel	Black Oxide	U-ETKGR	U-ETKGRF	U-ETKG
304 Stainless Steel	Electroless Nickel Plating	U-PETGR	U-PETGRF	U-PETG
	-	U-SETGR	U-SETGRF	U-SETG

Material Characteristics P. 628, 629

**Standard**

**Configurable Length**

**Configurable Length, Selectable Thread**

**General Tolerance**  
Unless otherwise specified use the table below.

From	To	Tolerance
0.000	5.000	±0.01
5.001	16.000	±0.02
16.001	60.000	±0.05

Thread or hole location tolerance: ±0.005\* non-cumulative.

\*"L" tolerance is below.

Surface Roughness: Unless otherwise specified 1000

## Standard

Type	Part No.			L								T (Thread)		T1	T2	S	W	ℓ
	Callout	Nominal	Actual	Selection								Size	Major Dia.					
				1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"							
U-ETKGR U-PETGR U-SETGR	0.38	3/8	0.375	1.00	1.50	2.00	2.50	3.00	4.00			#10-32	0.190	0.285	0.38	0.25	0.31	0.31
	0.50	1/2	0.500	1.50	2.00	2.50	3.00	3.50	4.00			1/4-20	0.250	0.375	0.50	0.25	0.44	0.38
	0.63	5/8	0.625	2.00	2.50	3.00	3.50	4.00	5.00			5/16-18	0.313	0.469	0.63	0.38	0.56	0.38
	0.75	3/4	0.750	2.50	3.00	3.50	4.00	5.00	6.00			3/8-16	0.375	0.563	0.75	0.50	0.69	0.50

## Configurable Length

Type	Part No.			L Choose in 0.01" Increments	T (Thread)		T1	T2
	Callout	Nominal	Actual		Size	Major Dia.		
U-ETKGRF U-PETGRF U-SETGRF	0.38	3/8	0.375	0.75 ~ 14.00	#10-32	0.190	0.285	0.38
	0.50	1/2	0.500	1.00 ~ 16.00	1/4-20	0.250	0.375	0.50
	0.63	5/8	0.625	1.38 ~ 20.00	5/16-18	0.313	0.469	0.63
	0.75	3/4	0.750	1.50 ~ 20.00	3/8-16	0.375	0.563	0.75
	1.00	1"	1.000	2.50 ~ 24.00	1/2-13	0.500	0.750	1.00

## Configurable Length, Selectable Thread

Type	Part No.			L Choose in 0.01" Increments	T, U Thread Selection (Callout)						
	Callout	Nominal	Actual		#8-32	#10-32	1/4-20	5/16-18	3/8-16	1/2-13	5/8-11
U-ETKG U-PETG U-SETG	0.38	3/8	0.375	0.75 ~ 14.00	8	10	0.25				
	0.50	1/2	0.500	1.00 ~ 16.00		10	0.25	0.31			
	0.63	5/8	0.625	1.38 ~ 20.00			0.25	0.31	0.38		
	0.75	3/4	0.750	1.50 ~ 20.00			0.31	0.38	0.50		
	1.00	1"	1.000	2.50 ~ 24.00			0.38	0.50	0.63		

Please refer to the table below for technical information.

### Technical Information

T, U (Thread)				
Callout	For All Type		For Configurable Length, Selectable Thread	
	Size	Major Dia.	T1 Thread Length	T2, U1 Thread Depth
8	#8-32	0.164	0.246	0.33
10	#10-32	0.190	0.285	0.38
0.25	1/4-20	0.250	0.375	0.50
0.31	5/16-18	0.313	0.469	0.63
0.38	3/8-16	0.375	0.563	0.75
0.50	1/2-13	0.500	0.750	1.00
0.63	5/8-11	0.625	0.938	1.25

### L (Length) Tolerance

L		Tolerance
From	To	
0.75	12.00	±0.010
12.01	24.00	±0.015



Order Example

### Standard & Configurable Length

Part No. — L

Type D

U-ETKGRF 0.50 — L 2.38

### Configurable Length, Selectable Thread

Part No. — L — T — U

Type D

U-ETKG 0.50 — L 1.63 — T 0.25 — U 0.31



Optional Modifications

Part No. — L — T — U — (Ordering Code)

Type D

U-ETKG 0.50 — L 1.63 — T 0.25 — U 0.31 — LKC — TLC 0.28

Not available for "Standard".



Days to Ship

### Standard

1 Day

### Configurable Length & Configurable Length, Selectable Thread

3 Days

Non-Returnable P. 30

Optional Modifications	Length Tolerance Modification	Wrench Flats Modification	Thread Length Modification																																	
Ordering Code	LKC	SC	TLC																																	
Details	Changes the length tolerance to values shown below. <table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td>0.75</td> <td>12.00</td> <td>±0.002</td> </tr> <tr> <td>12.01</td> <td>24.00</td> <td>±0.004</td> </tr> </tbody> </table> Example LKC	From	To	Tolerance	0.75	12.00	±0.002	12.01	24.00	±0.004	SC = 0.01" Increments SC ≥ 0 Example SC0.25 <table border="1"> <thead> <tr> <th>D</th> <th>Wrench Size</th> <th>W</th> <th>ℓ1</th> </tr> </thead> <tbody> <tr> <td>0.38</td> <td>5/16</td> <td>0.313</td> <td>0.31</td> </tr> <tr> <td>0.50</td> <td>7/16</td> <td>0.438</td> <td>0.38</td> </tr> <tr> <td>0.63</td> <td>9/16</td> <td>0.563</td> <td>0.38</td> </tr> <tr> <td>0.75</td> <td>11/16</td> <td>0.688</td> <td>0.50</td> </tr> <tr> <td>1.00</td> <td>7/8</td> <td>0.875</td> <td>0.50</td> </tr> </tbody> </table>	D	Wrench Size	W	ℓ1	0.38	5/16	0.313	0.31	0.50	7/16	0.438	0.38	0.63	9/16	0.563	0.38	0.75	11/16	0.688	0.50	1.00	7/8	0.875	0.50	Changes thread length. TLC = 0.01" Increments Thread Dia. ≤ TLC < T1 Example TLC0.28
From	To	Tolerance																																		
0.75	12.00	±0.002																																		
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\$ Price Adder	4.00	4.00	2.00																																	

When using Optional Modifications, add the "Price Adder" to the standard "Unit Price".



Price

### Quantity Discount Rate

Quantity	1-4	5-9	10-19	20-
Rate(1day)	—	2%	3%	5%
Rate(Others)	—	5%	10%	15%

For larger quantity orders "Days to Ship" may differ from published catalog term. P. 29

## Standard

Type	Part No.	D	\$ Unit Price (Qty. 1-4)		
			Min. L ~ 2.00	L2.50 ~ 4.00	L5.00 ~ 6.00
U-ETKGR	0.38	3/8	3.70	4.10	-
	0.50	1/2	4.00	4.20	-
	0.63	5/8	4.60	4.80	5.00
	0.75	3/4	-	5.50	6.00
U-PETGR	0.38	3/8	4.40	4.70	-
	0.50	1/2	4.60	4.90	-
	0.63	5/8	5.00	5.50	6.00
	0.75	3/4	-	6.10	6.80
U-SETGR	0.38	3/8	4.70	5.00	-
	0.50	1/2	5.50	5.90	-
	0.63	5/8	7.00	7.60	8.30
	0.75	3/4	-	9.20	10.10

## Configurable Length, Selectable Thread

Type	Part No.	D	\$ Unit Price (Qty. 1-4)		
			Min. L ~ 8.00	L8.01 ~ 16.00	L16.01 ~ 24.00
U-ETKG	0.38	3/8	6.60	7.00	-
	0.50	1/2	6.70	10.30	-
	0.63	5/8	7.60	12.10	17.20
	0.75	3/4	8.90	14.20	18.80
U-PETG	0.38	3/8	11.30	16.10	20.80
	0.50	1/2	7.60	8.00	-
	0.63	5/8	7.70	12.10	-
	0.75	3/4	8.90	13.70	19.60
U-SETG	0.38	3/8	10.10	16.10	21.80
	0.50	1/2	13.00	18.60	23.90
	0.63	5/8	8.00	10.20	-
	0.75	3/4	9.00	16.30	-
U-SETG	0.63	5/8	11.60	19.70	31.30
	0.75	3/4	14.20	24.70	33.40
	1.00	1"	20.90	33.10	46.00

## Configurable Length

Type	Part No.	D	\$ Unit Price (Qty. 1-4)		
			Min. L ~ 8.00	L8.01 ~ 16.00	L16.01 ~ 24.00
U-ETKGRF	0.38	3/8	5.40	6.00	-
	0.50	1/2	5.50	9.00	-
	0.63	5/8	6.20	10.40	15.00
	0.75	3/4	7.20	12.20	16.40
U-PETGRF	1.00	1"	9.20	14.20	18.10
	0.38	3/8	6.20	7.00	-
	0.50	1/2	6.40	10.40	-
	0.63	5/8	7.20	12.00	17.20
U-SETGRF	0.75	3/4	8.30	14.20	19.00
	1.00	1"	10.60	16.30	20.90
	0.38	3/8	6.60	8.90	-
	0.50	1/2	7.40	14.20	-
U-SETGRF	0.63	5/8	9.70	17.20	27.20
	0.75	3/4	11.60	21.50	29.20
	1.00	1"	17.30	28.90	40.10