

Circular Posts –Both Ends Tapped–



The Circular Posts 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-ETKR	U-ETKRF	U-ETKF
304 Stainless Steel	Electroless Nickel Plating	U-PETR	U-PETRF	U-PETF
	-	U-SETR	U-SETRF	U-SETF

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 250/√

Standard

Type	Part No.			L Selection							T (Thread)		T ₁	S	W	ℓ		
	Callout	Nominal	Actual	1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"					Size	Major Dia.
U-ETKR U-PETR U-SETR	0.38	3/8	0.375	1.00	1.50	2.00	2.50	3.00	3.50	4.00			#10-32	0.190	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	0.50	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	0.63	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	0.75	0.50	0.69	0.50

Configurable Length

Type	Part No.			L Choose in 0.01" Increments	T (Thread)		T ₁
	Callout	Nominal	Actual		Size	Major Dia.	
U-ETKRF U-PETRF U-SETRF	0.38	3/8	0.375	1.00 ~ 14.00	#10-32	0.190	0.38
	0.50	1/2	0.500	1.00 ~ 16.00	1/4-20	0.250	0.50
	0.63	5/8	0.625	1.50 ~ 20.00	5/16-18	0.313	0.63
	0.75	3/4	0.750	2.00 ~ 20.00	3/8-16	0.375	0.75
	1.00	1"	1.000	2.50 ~ 24.00	1/2-13	0.500	1.00

⊖ When L ≤ 2 × T₁, the post will be fully threaded. ⊖ When L ≤ 2.5 × T₁, pilot holes may be through.

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-ETKF U-PETF U-SETF	0.38	3/8	0.375	1.00 ~ 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	1.50 ~ 20.00			0.25	0.31	0.38		
	0.75	3/4	0.750	2.00 ~ 20.00				0.31	0.38	0.50	
	1.00	1"	1.000	2.50 ~ 24.00				0.38	0.50	0.63	

Selection Criteria: L ≥ T₁ + U₁

⊖ Please refer to the table below for technical information.

Technical Information

Callout	T, U (Thread)		
	Size	Major Dia.	T ₁ , U ₁ Thread Depth
8	#8-32	0.164	0.33
10	#10-32	0.190	0.38
0.25	1/4-20	0.250	0.50
0.31	5/16-18	0.313	0.63
0.38	3/8-16	0.375	0.75
0.50	1/2-13	0.500	1.00
0.63	5/8-11	0.625	1.25

L (Length) Tolerance

From	To	Tolerance
12.01	24.00	±0.015



Order Example

Standard & Configurable Length

Part No. — L

Type D

U-ETKR 0.50 — L 1.50

Configurable Length, Selectable Thread

Part No. — L — T — U

Type D

U-ETKF 0.38 — L 2.25 — T 8 — U 10



Optional Modifications

Part No. — L — T — U — (Ordering Code) (LKC, SC)

Type D

U-ETKF 0.38 — L 2.25 — T 8 — U 10 — LKC

⊖ 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																																	
	LKC	SC																																	
Ordering Code	LKC	SC																																	
	Changes the length tolerance to values shown below.	SC=0.01" Increments ⊖ SC ≥ 0 [Example] SC0.25																																	
Details	<table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Tolerance</th> </tr> </thead> <tbody> <tr> <td>1.00</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> <p>Example LKC</p>	From	To	Tolerance	1.00	12.00	±0.002	12.01	24.00	±0.004	<table border="1"> <thead> <tr> <th>D</th> <th>Wrench Size</th> <th>W Actual</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 Actual	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
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\$ Price Adder	4.00	4.00																																	

⊖ 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-ETKR	0.38	3/8	3.40	3.60	-
	0.50	1/2	3.50	3.70	-
	0.63	5/8	3.80	4.10	4.60
	0.75	3/4	-	4.90	5.30
U-PETR	0.38	3/8	3.80	4.10	-
	0.50	1/2	4.10	4.40	-
	0.63	5/8	4.60	4.90	5.30
U-SETR	0.75	3/4	-	5.50	6.00
	0.38	3/8	4.60	4.70	-
	0.50	1/2	4.70	4.90	-
	0.63	5/8	5.50	6.10	6.40
	0.75	3/4	-	6.80	7.60

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-ETKF	0.38	3/8	5.80	6.10	-
	0.50	1/2	6.00	9.40	-
	0.63	5/8	6.70	10.80	15.60
	0.75	3/4	7.80	12.80	17.30
U-PETF	1.00	1"	10.10	14.80	19.30
	0.38	3/8	6.60	7.00	-
	0.50	1/2	6.80	10.60	-
	0.63	5/8	7.80	12.50	18.00
U-SETF	0.75	3/4	8.90	14.60	19.90
	1.00	1"	11.50	17.00	22.20
	0.38	3/8	7.00	8.20	-
	0.50	1/2	7.30	12.50	-
	0.63	5/8	9.10	16.40	24.10
	0.75	3/4	10.60	19.90	28.20
	1.00	1"	15.60	26.90	39.60

Configurable Length

Type	Part No.	D	\$ Unit Price (Qty. 1-4)		
			Min. L ~ 8.00	L8.01 ~ 16.00	L16.01 ~ 24.00
U-ETKRF	0.38	3/8	4.70	5.30	-
	0.50	1/2	4.90	8.00	-
	0.63	5/8	5.50	9.50	13.70
	0.75	3/4	6.40	11.20	15.10
U-PETRF	1.00	1"	8.30	13.00	16.80
	0.38	3/8	5.40	6.00	-
	0.50	1/2	5.60	9.20	-
	0.63	5/8	6.40	10.90	15.70
U-SETRF	0.75	3/4	7.30	12.80	17.40
	1.00	1"	9.40	14.80	19.40
	0.38	3/8	5.80	7.00	-
	0.50	1/2	6.00	10.90	-
	0.63	5/8	7.40	14.30	21.00
	0.75	3/4	8.90	17.40	24.60
	1.00	1"	12.80	23.50	34.70



Example

