

Locating Pins – Small Head with Tapped Shank–

The Locating Pins in this section are provided in: Head O.D. selectable, Head O.D. Specifiable (0.0005" inc.), and Head / Height / Shank Length, all user specifiable groupings. Available in hardened A2 tool steel and 304 stainless steel. See modifications for more customized options.

Material	Hardness	Type	
		Configurable P Dimension Round	Diamond
A2 Tool Steel	60-63HRC	U-JPSTA	U-JPSTD
304 Stainless Steel	-	U-SJPSTA	U-SJPSTD
316 Stainless Steel	-	U-GJPSTA	U-GJPSTD

Material Characteristics P.628, 629

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.

Surface Roughness: Unless otherwise specified $\sqrt{32}$.

Configurable P Dimension

Type	Part No. D			Choose in P 0.0005" Increments	L	B	m	(W)	()	T (Thread)	T Dia.	ℓ
	Callout	Nominal	Tolerance									
U-JPSTA U-JPSTD U-SJPSTA U-SJPSTD U-GJPSTA U-GJPSTD	0.25	1/4	0.2498 0.2494	0.1875 ~ 0.2500	0.375	0.188	0.094	0.063	60°	#5-40	0.125	0.19
	0.31	5/16	0.3123 0.3119	0.2500 ~ 0.3125	0.594	0.250	0.125	0.078	60°	#10-32	0.190	0.28
	0.38	3/8	0.3748 0.3744	0.2810 ~ 0.3750	0.594	0.313	0.125	0.094	60°	#10-32	0.190	0.28
	0.50	1/2	0.4998 0.4994	0.3125 ~ 0.5000	0.875	0.313	0.156	0.125	60°	1/4-20	0.250	0.38

Order Example The part number consists only of the fields with blue characters.

Part No. — P —
Type D

U-JPSTA 0.25 — P 0.2500

Days to Ship: 3 Days (Non-Returnable P.30) or 1 Day (Specify Express A) \$5.00/piece (P.30). A flat charge of \$13.50 for 3 or more identical pieces.

Optional Modifications: Part No. — P — (Ordering Code) (TC, RC) or Type D. U-JPSTA 0.25 — P 0.2500 — RC or 6 Days (Non-Returnable P.30).

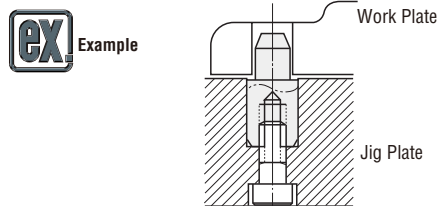
Quantity Discount Rate

Quantity	1-4	5-19	20-49	50~
Rate	—	5%	10%	15%

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

\$ Unit Price (Qty. 1~4)

D	Round		Diamond	
	U-JPSTA	U-SJPSTA U-GJPSTA	U-JPSTD	U-SJPSTD U-GJPSTD
0.25	12.10	15.20	14.70	22.40
0.31	12.50	15.80	15.30	23.30
0.38	13.00	16.40	15.80	24.30
0.50	13.90	17.60	16.90	26.30



Optional Modifications: Head Taper Modification (TC) and Radius Modification (RC).

Optional Modifications	Head Taper Modification	Radius Modification
Ordering Code	TC	RC
Details	Changes the length of tapered portion. Example: TC0.188 (0.001" Increments). D TC 0.25 0.063-0.156 0.31 0.094-0.250 0.38 0.125-0.344 0.50 0.156-0.375 B + m ≥ TC + 0.08 (B ₁ ≥ 0.08) P/2 - TC (tan30°) > 0.02 (The top dia. ≥ 0.040) When TC is selected, dimension B will be changed.	Increases structural strength against side impact. Example: RC Changes the undercut on shank to R 0.02 radius. Applicable for D - P ≥ 0.08
\$ Price Adder	3.00	3.00

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

Material	Hardness	Type	
		Configurable P, L, B Dimension Round	Diamond
A2 Tool Steel	60-63HRC	U-FPSTA	U-FPSTD
304 Stainless Steel	-	U-SFPSTA	U-SFPSTD
316 Stainless Steel	-	U-GFPSTA	U-GFPSTD

Material Characteristics P.628, 629

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.

Surface Roughness: Unless otherwise specified $\sqrt{32}$.

Configurable P,L,B Dimension

Type	Part No. D			Choose in P 0.0005" Increments	Choose in L 0.001" Increments	Choose in B 0.001" Increments	m	(W)	()	T (Thread)	T Dia.	ℓ
	Callout	Nominal	Tolerance									
U-FPSTA U-FPSTD U-SFPSTA U-SFPSTD U-GFPSTA U-GFPSTD	0.25	1/4	0.2498 0.2494	0.1875 ~ 0.2500	0.313 ~ 0.469	0.094 ~ 0.500	0.094	0.063	60°	#5-40	0.125	0.19
	0.31	5/16	0.3123 0.3119	0.2500 ~ 0.3125	0.438 ~ 0.625	0.094 ~ 0.594	0.125	0.078	60°	#10-32	0.190	0.28
	0.38	3/8	0.3748 0.3744	0.2810 ~ 0.3750	0.438 ~ 0.818	0.125 ~ 0.750	0.125	0.094	60°	#10-32	0.190	0.28
	0.50	1/2	0.4998 0.4994	0.3125 ~ 0.5000	0.500 ~ 1.000	0.188 ~ 0.750	0.156	0.125	60°	1/4-20	0.250	0.38

Order Example The part number consists only of the fields with blue characters.

Part No. — P — L — B —
Type D

U-FPSTA 0.25 — P 0.1875 — L 0.375 — B 0.125

Days to Ship: 6 Days (Non-Returnable P.30) or 4 Days (Specify Express A) \$5.00/piece (P.30). A flat charge of \$13.50 for 3 or more identical pieces.

Optional Modifications: Part No. — P — L — B — (Ordering Code) (TC, RC) or Type D. U-FPSTA 0.25 — P 0.1875 — L 0.375 — B 0.125 — RC

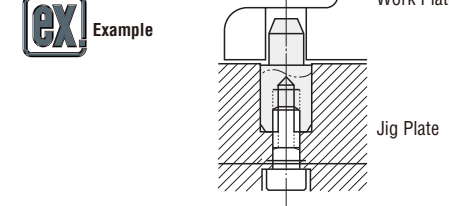
Quantity Discount Rate

Quantity	1-4	5-19	20-49	50~
Rate	—	5%	10%	15%

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

\$ Unit Price (Qty. 1~4)

D	Round		Diamond	
	U-FPSTA	U-SFPSTA U-GFPSTA	U-FPSTD	U-SFPSTD U-GFPSTD
0.25	13.30	18.80	16.40	25.70
0.31	13.90	19.60	17.20	26.80
0.38	14.30	20.40	17.70	28.10
0.50	15.40	21.90	18.90	30.30



Optional Modifications: Head Taper Modification (TC) and Radius Modification (RC).

Optional Modifications	Head Taper Modification	Radius Modification
Ordering Code	TC	RC
Details	Changes the length of tapered portion. Example: TC0.188 (0.001" Increments). D TC 0.25 0.063-0.156 0.31 0.094-0.250 0.38 0.125-0.344 0.50 0.156-0.375 B + m ≥ TC + 0.08 (B ₁ ≥ 0.08) P/2 - TC (tan30°) > 0.02 (The top dia. ≥ 0.040) When TC is selected, dimension B will be changed.	Increases structural strength against side impact. Example: RC Changes the undercut on shank to R 0.02 radius. Applicable for D - P ≥ 0.08
\$ Price Adder	3.00	3.00

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

