


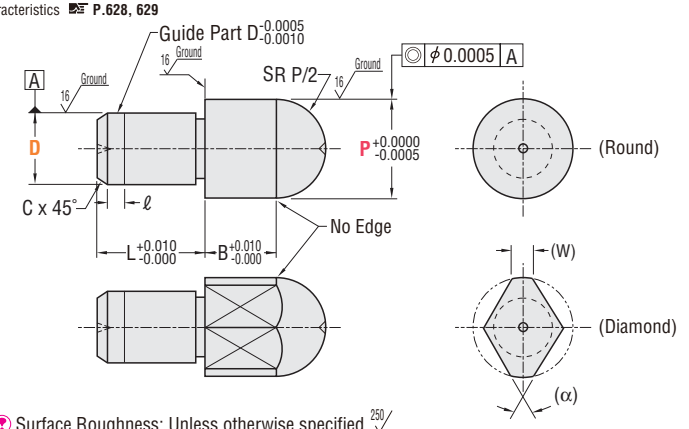
Locating Pins –Large Spherical Head–

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-JPQA	U-JPQD
304 Stainless Steel	-	U-SJPQA	U-SJPQD

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 250

Configurable P Dimension

Type	Part No.			P Choose in 0.0005" Increments	L	B	C	l	(W)	(α)
	Callout	Nominal	Tolerance							
U-JPQA U-JPQD U-SJPQA U-SJPQD	0.13	1/8	0.1255 0.1252	0.1875 ~ 0.2500	0.203	0.203	0.02	0.06	0.063	60°
	0.19	3/16	0.1880 0.1877	0.2500 ~ 0.3125	0.375	0.250	0.05	0.06	0.078	60°
	0.25	1/4	0.2506 0.2502	0.3125 ~ 0.3750	0.375	0.313	0.05	0.06	0.125	60°
	0.31	5/16	0.3131 0.3127	0.3750 ~ 0.4375	0.594	0.313	0.06	0.06	0.141	60°
	0.38	3/8	0.3756 0.3752	0.4375 ~ 0.5620	0.594	0.375	0.08	0.06	0.156	60°
	0.50	1/2	0.5007 0.5003	0.5620 ~ 0.6250	0.875	0.375	0.08	0.08	0.203	60°

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

Part No. — P —
Type D
U-JPQA 0.13 — P 0.2500

Days to Ship: 3 Days (Non-Returnable P.30)

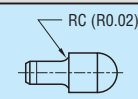
1 Day (Specify Express A) \$5.00/piece P.30

A flat charge of \$13.50 for 3 or more identical pieces.

Part No. — P — (Ordering Code)
Type D
U-JPQA 0.13 — P 0.2500 — RC

6 Days (Non-Returnable P.30)

Radius Modification



Ordering Code: RC

Detail: Increases structural strength against side impact.
Example: RC
Changes the undercut on shank to R0.02 radius.
Applicable for P-D ≥ 0.08

\$ Price Adder: 3.00

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

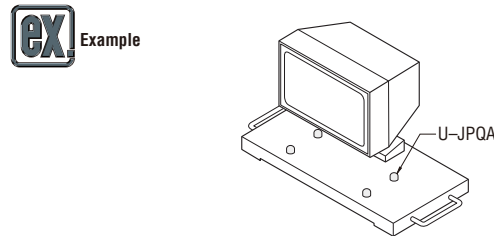
Price


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

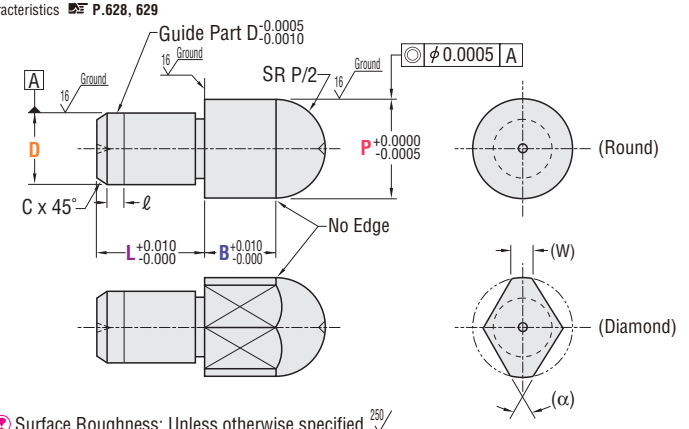
D	\$ Unit Price (Qty. 1-4)			
	Round	Diamond	U-JPQA	U-SJPQA
0.13	7.60	11.30	11.20	16.90
0.19	9.00	13.40	12.70	19.10
0.25	9.50	14.10	13.50	20.20
0.31	9.90	14.90	14.00	21.50
0.38	10.50	15.60	14.60	22.10
0.50	11.30	16.90	16.00	24.20





Material	Hardness	Type	
		Configurable P, L, B Dimension Round	Diamond
A2 Tool Steel	60-63HRC	U-FPQA	U-FPQD
304 Stainless Steel	-	U-SFPQA	U-SFPQD

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 250

Configurable P, L, B Dimension

Type	Part No.			P Choose in 0.0005" Increments	L Choose in 0.001" Increments	B Choose in 0.001" Increments	C	l	(W)	(α)
	Callout	Nominal	Tolerance							
U-FPQA U-FPQD U-SFPQA U-SFPQD	0.13	1/8	0.1255 0.1252	0.1875 ~ 0.2500	0.125 ~ 0.250	0.094 ~ 0.375	0.020	0.06	0.063	60°
	0.19	3/16	0.1880 0.1877	0.2500 ~ 0.3125	0.188 ~ 0.313	0.094 ~ 0.375	0.050	0.06	0.078	60°
	0.25	1/4	0.2506 0.2502	0.3125 ~ 0.3750	0.250 ~ 0.500	0.094 ~ 0.500	0.050	0.06	0.125	60°
	0.31	5/16	0.3131 0.3127	0.3750 ~ 0.4375	0.313 ~ 0.625	0.094 ~ 0.594	0.063	0.06	0.141	60°
	0.38	3/8	0.3756 0.3752	0.4375 ~ 0.5620	0.375 ~ 0.750	0.125 ~ 0.750	0.080	0.06	0.156	60°
	0.50	1/2	0.5007 0.5003	0.5620 ~ 0.6250	0.500 ~ 1.000	0.188 ~ 0.750	0.080	0.08	0.203	60°

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

Part No. — P — L — B —
Type D
U-FPQA 0.25 — P 0.3750 — L 0.250 — B 0.250

Days to Ship: 6 Days (Non-Returnable P.30)

Price

Quantity Discount Rate

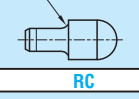
Quantity	1-4	5-19	20-49	50-
Rate	—	5%	10%	15%

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

D	\$ Unit Price (Qty. 1-4)			
	Round	Diamond	U-FPQA	U-SFPQA
0.13	8.90	13.30	12.70	19.10
0.19	10.70	15.80	14.30	21.80
0.25	11.10	16.60	15.20	23.00
0.31	11.70	17.50	15.70	24.20
0.38	12.20	18.30	16.50	25.20
0.50	13.30	19.90	17.90	27.60

Part No. — P — L — B — (Ordering Code)
Type D
U-FPQA 0.25 — P 0.3750 — L 0.250 — B 0.250 — RC

Radius Modification



Ordering Code: RC

Detail: Increases structural strength against side impact.
Example: RC
Changes the undercut on shank to R0.02 radius.
Applicable for P-D ≥ 0.08

\$ Price Adder: 3.00

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

