

Precision Pivot Pins

-Standard with Retaining Ring Grooves-



Our Precision Pivot Pins are offered in many popular configurations with either selectable standard length or configurable length that users can specify the lengths in 0.001" increments. All pins have high precision O.D. tolerance for consistent fit and good functional reliability. They are available in 1045 Steel soft/hard and 304 stainless steel.



□: New Price

Material	Hardness	Surface Treatment	Type
1045 Steel	-	Black Oxide	U-CDG
	40-45HRC		U-CDGH
304 Stainless Steel	-	-	U-SCDG

Material Characteristics P.628, 629

U-CDG Identification Mark

Surface Roughness: Unless otherwise specified 1000/

U-CDG non-hardened pins are marked on one end to distinguish them from hardened pins.

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.

Material	Hardness	Surface Treatment	Type
1045 Steel	-	Black Oxide	U-CCG
	40-45HRC		U-CCGH
304 Stainless Steel	-	-	U-SCCG

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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.

Standard L Dimension

Type	Part No. D			Selection (Callout) L								\$ Unit Price (Qty. 1-19)			
	Callout	Nominal	Tolerance	3/8	1/2	5/8	3/4	1"	1-1/4	1-1/2	1-3/4	2"	U-CDG	U-CDGH	U-SCDG
U-CDG U-CDGH U-SCDG	0.13	1/8	0.1249 0.1246	0.38	0.50	0.63	0.75	1.00					1.80	2.00	2.50
	0.19	3/16	0.1874 0.1871	0.38	0.50	0.63	0.75	1.00					2.00	2.20	2.70
	0.25	1/4	0.2498 0.2494			0.63	0.75	1.00	1.25	1.50			2.50	2.70	3.20
	0.38	3/8	0.3748 0.3744				0.75	1.00	1.25	1.50	1.75		3.30	3.80	4.50
	0.50	1/2	0.4998 0.4994					1.00	1.25	1.50	1.75	2.00	3.90	4.50	6.00

Order Example The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No. -

Type -

U-CDG 0.50 - L 2.00

Technical Information

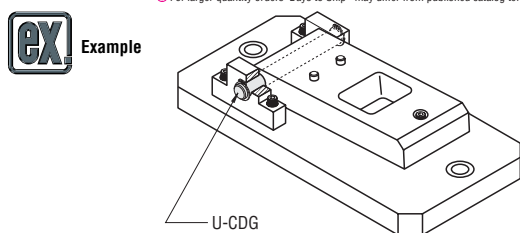
D		d		M		N	R max	Compatible Retaining Rings (ASME B18.27-1998)	L		
Callout	Nominal	Diameter	Tolerance	Width	Tolerance				Callout	Nominal	Dimension
0.13	1/8	0.117	0.1185 0.1155	0.012	0.014 0.012	0.094	0.002	NA1-12	0.38	3/8	0.375
0.19	3/16	0.175	0.1765 0.1735	0.018	0.020 0.018	0.094	0.002	NA1-18	0.50	1/2	0.500
0.25	1/4	0.230	0.2315 0.2285	0.029	0.032 0.029	0.094	0.003	NA1-25	0.63	5/8	0.625
0.38	3/8	0.352	0.3540 0.3500	0.029	0.032 0.029	0.125	0.005	NA1-37	0.75	3/4	0.750
0.50	1/2	0.468	0.4700 0.4660	0.039	0.042 0.039	0.156	0.005	NA1-50	1.00	1"	1.000
									1.25	1-1/4	1.250
									1.50	1-1/2	1.500
									1.75	1-3/4	1.750
									2.00	2"	2.000

Days to Ship Day

Price

Quantity	1-19	20-49	50-99	100~
Rate	-	2%	3%	5%

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



Configurable L Dimension

Type	Part No. D			Choose in 0.001" Increments L	\$ Unit Price		
	Callout	Nominal	Tolerance		U-CCG	U-CCGH	U-SCCG
U-CCG U-CCGH U-SCCG	0.13	1/8	0.1249 0.1246	0.500 ~ 2.000	5.20	5.70	6.80
	0.19	3/16	0.1874 0.1871	0.500 ~ 2.500	6.70	7.70	9.40
	0.25	1/4	0.2498 0.2494	0.750 ~ 4.000	7.20	8.00	9.90
	0.38	3/8	0.3748 0.3744	0.750 ~ 4.000	8.50	9.10	11.30
	0.50	1/2	0.4998 0.4994	1.000 ~ 5.500	9.50	10.30	13.00
	0.63	5/8	0.6248 0.6244	1.250 ~ 5.500	10.90	12.20	15.20
	0.75	3/4	0.7497 0.7492	1.250 ~ 5.500	12.20	13.40	16.80
	1.00	1"	0.9997 0.9992	1.500 ~ 5.500	13.80	15.10	18.50

Order Example The part number consists only of the fields with blue characters. Please refer to the table below for technical information.

Part No. -

Type -

U-CCG 0.50 - L 4.000

Technical Information

D		d		M		N	R max	Compatible Retaining Rings (ASME B18.27-1998)
Callout	Nominal	Diameter	Tolerance	Width	Tolerance			
0.13	1/8	0.117	0.1185 0.1155	0.012	0.014 0.012	0.094	0.002	NA1-12
0.19	3/16	0.175	0.1765 0.1735	0.018	0.020 0.018	0.094	0.002	NA1-18
0.25	1/4	0.230	0.2315 0.2285	0.029	0.032 0.029	0.094	0.003	NA1-25
0.38	3/8	0.352	0.3540 0.3500	0.029	0.032 0.029	0.125	0.005	NA1-37
0.50	1/2	0.468	0.4700 0.4660	0.039	0.042 0.039	0.156	0.005	NA1-50
0.63	5/8	0.588	0.5910 0.5850	0.039	0.042 0.039	0.156	0.005	NA1-62
0.75	3/4	0.704	0.7070 0.7010	0.046	0.049 0.046	0.156	0.005	NA1-75
1.00	1"	0.940	0.9430 0.9370	0.046	0.049 0.046	0.156	0.005	NA1-100

Days to Ship Days Days (Specify Express A) \$2.00/piece P.30

Non-Returnable P.30 A flat charge of \$5.40 for 3 or more identical pieces.

Price

Quantity	1	2-4	5-19	20~
Rate	-	5%	15%	20%

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

Related Components



Express Options P.30

MISUMI
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