

Shaft Collars – Clamp–



The Clamping Shaft Collars shown below can be clamped around the shafts and mounted to a plate as shown in the application example. When installing the clamps remember that for proper operation the collar must first be clamped around the shaft before bolting it to the plate. Available in 1045 carbon steel and 304 stainless steel.

2 Taps

Material	Surface Treatment	Included Hardware & Material	Type
1045 Steel	Black Oxide	Steel S.H.C.S. (1 Piece)	U-SCSW
	Electroless Nickel Plating	Stainless Steel S.H.C.S. (1 Piece)	U-PSCSW
304 Stainless Steel	-	Stainless Steel S.H.C.S. (1 Piece)	U-SSCSW

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 $250/\sqrt{\quad}$

Type	Part No.			B		\$ Unit Price (Qty. 1-9)		
	Callout	Nominal	Actual	Callout	Actual	U-SCSW	U-PSCSW	U-SSCSW
U-SCSW U-PSCSW U-SSCSW	0.13	1/8	0.1250	0.25	0.250	5.40	6.20	9.80
	0.19	3/16	0.1875	0.31	0.313	5.20	6.00	9.60
	0.25	1/4	0.2500	0.31	0.313	5.00	5.80	9.40
	0.38	3/8	0.3750	0.38	0.375	5.80	6.80	9.90
	0.50	1/2	0.5000	0.44	0.438	6.00	7.60	10.00
	0.63	5/8	0.6250	0.44	0.438	6.70	7.90	10.90
	0.75	3/4	0.7500	0.50	0.500	8.60	10.10	14.80
	1.00	1"	1.0000	0.50	0.500	9.20	10.90	16.00
	1.25	1-1/4	1.2500	0.50	0.500	12.80	14.70	20.60
	1.50	1-1/2	1.5000	0.56	0.563	16.40	18.50	25.20

Order Example

Part No.

Type

U-SCSW 0.25 — B 0.31

Technical Information

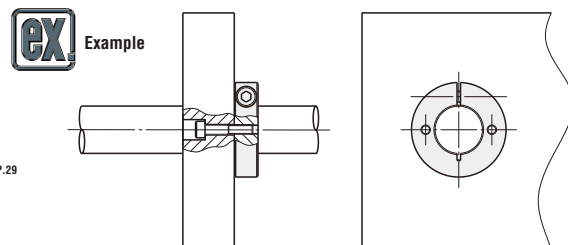
D	D1	T (Thread)		d	CB	W	X	Y	Z	C	P	T1
		Size	Major Dia.									
0.13	0.500	#4-40	0.112	0.118	0.188	0.040	0.154	0.069	0.141	0.020	0.313	#2-56
0.19	0.625	#4-40	0.112	0.125	0.219	0.040	0.202	0.089	0.172	0.020	0.438	#2-56
0.25	0.688	#4-40	0.112	0.125	0.219	0.040	0.234	0.100	0.219	0.020	0.469	#2-56
0.38	0.875	#6-32	0.138	0.154	0.281	0.060	0.313	0.141	0.290	0.020	0.625	#4-40
0.50	1.125	#8-32	0.164	0.180	0.312	0.060	0.406	0.141	0.375	0.020	0.813	#6-32
0.63	1.313	#10-32	0.190	0.206	0.375	0.060	0.484	0.203	0.438	0.020	1.000	#8-32
0.75	1.500	#10-32	0.190	0.206	0.375	0.060	0.563	0.203	0.525	0.020	1.125	#10-32
1.00	1.750	1/4-28	0.250	0.265	0.438	0.080	0.678	0.281	0.650	0.040	1.375	#10-32
1.25	2.063	1/4-28	0.250	0.265	0.438	0.080	0.828	0.313	0.750	0.040	1.656	1/4-20
1.50	2.375	1/4-28	0.250	0.265	0.438	0.080	0.968	0.344	0.875	0.040	1.938	1/4-20

Days to Ship Day

Price

Quantity	1-9	10-29	30-49	50~
Rate	—	2%	3%	5%

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



2 Holes

Material	Surface Treatment	Included Hardware & Material	Type
1045 Steel	Black Oxide	Steel S.H.C.S. (1 Piece)	U-SCSM
	Electroless Nickel Plating	Stainless Steel S.H.C.S. (1 Piece)	U-PSCSM
304 Stainless Steel	-	Stainless Steel S.H.C.S. (1 Piece)	U-SSCSM

Material Characteristics **P.628, 629**

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	0.50	1/2	0.5000	0.44	0.438	4.80	5.90	8.90
	0.63	5/8	0.6250	0.44	0.438	5.50	6.30	9.80
	0.75	3/4	0.7500	0.50	0.500	7.30	8.50	13.80
	1.00	1"	1.0000	0.50	0.500	9.00	10.80	15.70
	1.25	1-1/4	1.2500	0.50	0.500	11.70	12.60	20.00
	1.50	1-1/2	1.5000	0.56	0.563	14.00	16.70	24.80

Order Example

Part No.

Type

U-SCSM 0.50 — B 0.44

Technical Information

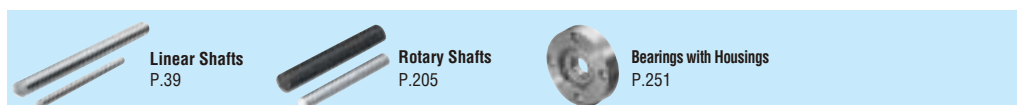
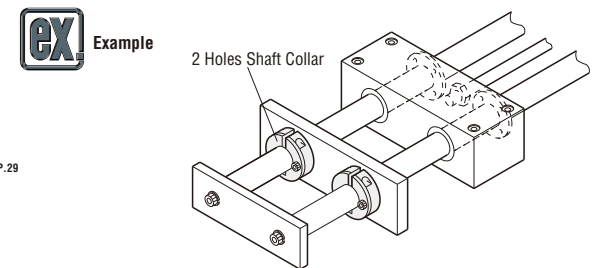
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		Size	Major Dia.									
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0.75	1.500	#10-32	0.190	0.206	0.375	0.060	0.563	0.203	0.525	0.020	1.125	0.206
1.00	1.750	1/4-28	0.250	0.265	0.438	0.080	0.678	0.281	0.650	0.040	1.375	0.206
1.25	2.063	1/4-28	0.250	0.265	0.438	0.080	0.828	0.313	0.750	0.040	1.656	0.266
1.50	2.375	1/4-28	0.250	0.265	0.438	0.080	0.968	0.344	0.875	0.040	1.938	0.266

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