

COLLETS DE SERRAGE

ACIER INOXYDABLE
OXYDE NOIR
PLAQUÉ EN ZINC



STAINLESS STEEL
BLACK OXIDE
ZINC PLATED

SHAFT COLLARS



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Shaft Collars

Stainless Steel

Series

SCSS

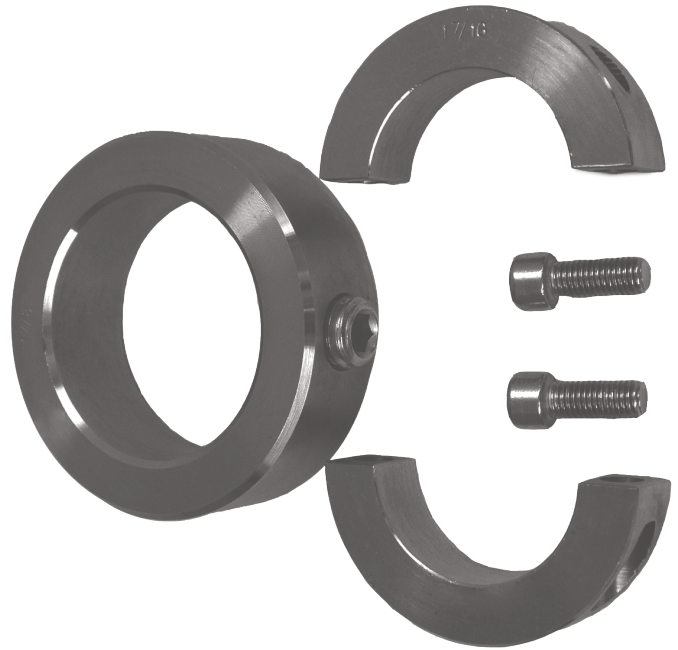
2SCSS

Shaft Collar Material

Our shaft collars are made of AISI 303 Austenitic stainless steel. They are ductile, tough and, most importantly, easy to weld. They are also non magnetic.

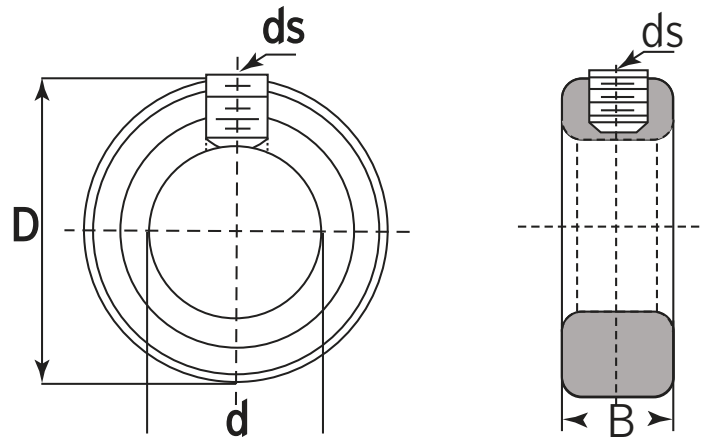
Solid or Two Piece?

Although economical, Solid Type shaft collars have a reduced holding power and their screw can mar a shaft since it directly fastens on it. Two-Piece shaft collars have about 2-1/2 times the holding power of a Solid Type collar since they can be compressed. Because Two-Piece shaft collars have two tangential screws, they can be installed without having to disturb your initial arrangement.



Solid Type Shaft Collars

SCSS Series



Unit No.	Dimensions (inch)				Mass	
	d	D	B	ds	kg	lbs
SCSS 1/8	0.125	0.375	0.250	6-32	0.003	0.006
3/16	0.188	0.438	0.250	8-32	0.003	0.006
1/4	0.250	0.500	0.313	10-32	0.006	0.013
5/16	0.313	0.625	0.313	10-32	0.009	0.019
3/8	0.375	0.750	0.375	1/4-20	0.014	0.031
SCSS 7/16	0.438	0.875	0.438	1/4-20	0.023	0.050
1/2	0.500	1.000	0.438	1/4-20	0.031	0.069
9/16	0.563	1.000	0.438	1/4-20	0.029	0.063
5/8	0.625	1.125	0.500	5/16-18	0.043	0.094
11/16	0.688	1.250	0.563	5/16-18	0.057	0.125
SCSS 3/4	0.750	1.250	0.563	5/16-18	0.054	0.119
13/16	0.813	1.313	0.563	5/16-18	0.048	0.106
7/8	0.875	1.500	0.563	5/16-18	0.082	0.181
15/16	0.938	1.625	0.563	5/16-18	0.078	0.171
1	1.000	1.625	0.625	5/16-18	0.079	0.174
SCSS 1-1/16	1.063	1.750	0.625	5/16-18	0.116	0.256
1-1/8	1.125	1.750	0.625	5/16-18	0.111	0.244
1-3/16	1.188	2.000	0.688	3/8-16	0.173	0.381
1-1/4	1.250	2.000	0.688	3/8-16	0.162	0.356
1-5/16	1.313	2.125	0.688	3/8-16	0.188	0.413

Other sizes could be available upon request. Minimum quantity may apply.

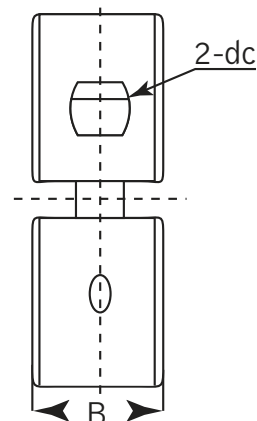
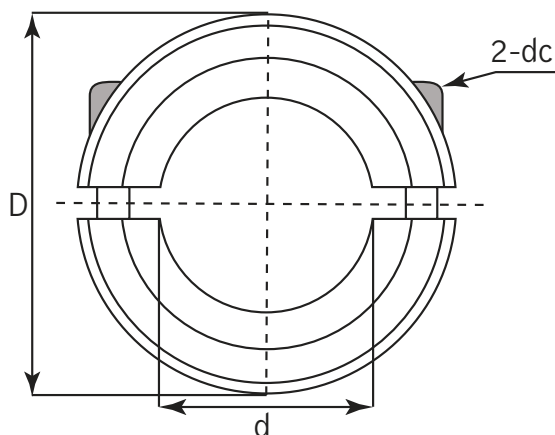
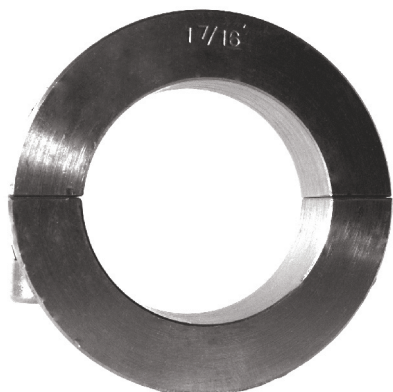
Unit No.	Dimensions (inch)				Mass	
	d	D	B	ds	kg	lbs
SCSS 1-3/8	1.375	2.125	0.750	3/8-16	0.190	0.419
1-7/16	1.438	2.250	0.750	3/8-16	0.216	0.475
1-1/2	1.500	2.250	0.750	3/8-16	0.205	0.450
1-9/16	1.563	2.500	0.813	3/8-16	0.304	0.669
1-5/8	1.625	2.500	0.813	3/8-16	0.287	0.631
SCSS 1-11/16	1.688	2.500	0.813	3/8-16	0.270	0.594
1-3/4	1.750	2.625	0.875	1/2-13	0.324	0.713
1-13/16	1.813	2.750	0.875	1/2-13	0.361	0.794
1-7/8	1.875	2.750	0.875	1/2-13	0.347	0.763
1-15/16	1.938	3.000	0.875	1/2-13	0.446	0.981
SCSS 2	2.000	3.000	0.875	1/2-13	0.423	0.931
2-1/8	2.125	3.000	0.875	1/2-13	0.378	0.831
2-3/16	2.188	3.250	0.938	1/2-13	0.529	1.163
2-1/4	2.250	3.250	0.938	1/2-13	0.503	1.106
2-5/16	2.313	3.250	0.938	1/2-13	0.051	0.113
SCSS 2-3/8	2.375	3.250	0.938	1/2-13	0.452	0.994
2-7/16	2.438	3.500	1.000	1/2-13	0.620	1.363
2-1/2	2.500	3.500	1.000	1/2-13	0.591	1.300
2-9/16	2.563	3.750	1.125	1/2-13	0.738	1.623
2-5/8	2.625	4.000	1.125	1/2-13	0.980	2.156
SCSS 2-11/16	2.688	4.000	1.125	1/2-13	0.977	2.150
2-3/4	2.750	4.000	1.125	1/2-13	0.952	2.094
2-7/8	2.875	4.250	1.125	1/2-13	0.844	1.856
2-15/16	2.938	4.250	1.125	1/2-13	0.832	1.831
3	3.000	4.250	1.125	1/2-13	0.786	1.730

Other sizes could be available upon request. Minimum quantity may apply.



Two Piece Shaft Collar

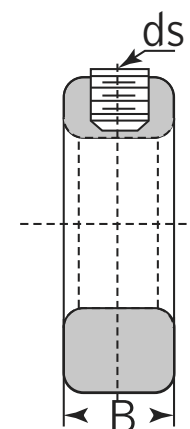
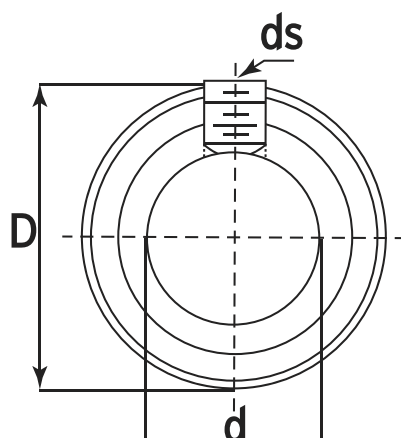
2 SCSS Series



Unit No.		Dimensions (inch)				Mass	
		d	D	B	dc	kg	lbs
2SCSS	1/8	0.125	0.500	0.250	4-40	0.014	0.030
	3/16	0.188	0.625	0.313	4-40	0.013	0.028
	1/4	0.250	0.688	0.313	4-40	0.012	0.026
	5/16	0.313	0.688	0.313	4-40	0.011	0.025
	3/8	0.375	0.875	0.375	6-32	0.023	0.050
2SCSS	7/16	0.438	0.938	0.375	6-32	0.023	0.051
	1/2	0.500	1.125	0.406	8-32	0.041	0.090
	9/16	0.563	1.250	0.438	10-32	0.040	0.088
	5/8	0.625	1.313	0.438	10-32	0.063	0.138
	11/16	0.688	1.375	0.438	10-32	0.060	0.131
2SCSS	3/4	0.750	1.500	0.500	1/4-28	0.102	0.225
	7/8	0.875	1.625	0.500	1/4-28	0.116	0.256
	15/16	0.938	1.750	0.500	1/4-28	0.111	0.244
	1	1.000	1.750	0.500	1/4-28	0.128	0.281
	1-1/8	1.125	1.875	0.500	1/4-28	0.142	0.313
2SCSS	1-3/16	1.188	2.063	0.500	1/4-28	0.134	0.294
	1-1/4	1.250	2.063	0.500	1/4-28	0.150	0.331
	1-5/16	1.313	2.125	0.563	1/4-28	0.142	0.313
	1-3/8	1.375	2.250	0.563	1/4-28	0.165	0.363
	1-7/16	1.438	2.250	0.563	1/4-28	0.156	0.344
2SCSS	1-1/2	1.500	2.375	0.563	1/4-28	0.176	0.388
	1-3/4	1.750	2.750	0.688	5/16-24	0.327	0.719
	1-15/16	1.938	3.000	0.688	5/16-24	0.381	0.838
	2	2.000	3.000	0.688	5/16-24	0.361	0.794
	2-1/4	2.250	3.250	0.750	5/16-24	0.398	0.875
2SCSS	2-3/8	2.375	3.500	0.750	5/16-24	0.381	0.838
	2-7/16	2.438	3.500	0.750	5/16-24	0.366	0.806
	2-1/2	2.500	3.750	0.875	3/8-24	0.648	1.425
	2-15/16	2.938	4.250	0.875	3/8-24	0.795	1.750
	3	3.000	4.250	0.875	3/8-24	0.756	1.663

Other sizes could be available upon request. Minimum quantity may apply.

Solid Shaft Collar



GRB Part number	Bore «d»	O.D. «D»	Width «B»
SC 1/8	1/8	0.355	0.250
SC 3/16	3/16	0.418	0.250
SC 1/4	1/4	0.480	0.2810
SC 5/16	5/16	0.605	0.313
SC 3/8	3/8	0.730	0.375
SC 7/16	7/16	0.855	0.437
SC 1/2	1/2	0.980	0.437
SC 9/16	9/16	0.980	0.437
SC 5/8	5/8	1.105	0.500
SC 11/16	11/16	1.230	0.562
SC 3/4	3/4	1.230	0.562
SC 13/16	13/16	1.480	0.562
SC 7/8	7/8	1.480	0.562
SC 15/16	15/16	1.605	0.562
SC 1	1	1.605	0.625
SC 1-1/16	1-1/16	1.730	0.625
SC 1-1/8	1-1/8	1.730	0.625
SC 1-3/16	1-3/16	1.975	0.687
SC 1-1/4	1-1/4	1.975	0.687
SC 1-5/16	1-5/16	2.100	0.687
SC 1-3/8	1-3/8	2.100	0.750
SC 1-7/16	1-7/16	2.225	0.750
SC 1-1/2	1-1/2	2.225	0.813
SC 1-9/16	1-9/16	2.480	0.813
SC 1-5/8	1-5/8	2.480	0.813

GRB Part number	Bore «d»	O.D. «D»	Width «B»
SC 1-11/16	1 11/16	2.480	0.813
SC 1-3/4	1 3/4	2.720	0.875
SC 1-13/16	1 13/16	2.720	0.875
SC 1-7/8	1 7/8	2.720	0.875
SC 1-15/16	1 15/16	2.975	0.875
SC 2	2	2.975	0.875
SC 2-1/8	2 1/8	2.975	0.875
SC 2-3/16	2 3/16	3.225	0.937
SC 2-1/4	2 1/4	3.225	0.937
SC 2-5/16	2 5/16	3.225	0.937
SC 2-3/8	2 3/8	3.225	0.937
SC 2-7/16	2 7/16	3.470	1.000
SC 2-1/2	2 1/2	3.470	1.000
SC 2-9/16	2 9/16	3.720	1.125
SC 2-5/8	2 5/8	3.720	1.125
SC 2-11/16	2 11/16	3.970	1.125
SC 2-3/4	2 3/4	3.970	1.125
SC 2-13/16	2 13/16	3.970	1.125
SC 2-7/8	2 7/8	4.220	1.125
SC 2-15/16	2 15/16	4.220	1.125
SC 3	3	4.220	1.125
SC 3-3/16	3 3/16	4.220	1.125
SC 3-7/16	3 7/16	4.470	1.125
SC 3-15/16	3 15/16	4.970	1.125
SC 4-7/16	4 7/16	5.970	1.375
SC 4-15/16	4 15/16	6.400	1.375

Standard Tolerances

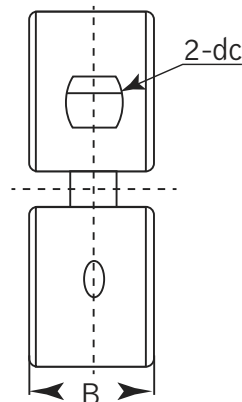
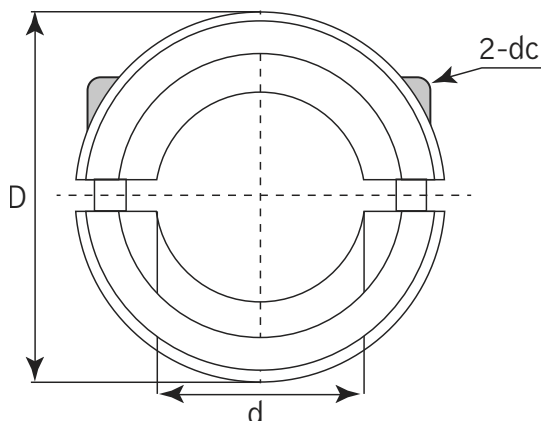
Dimensions (Bore)	Tolerances
1/8" - 3"	+0.001 - +0.003
3" - 4 15/16"	+0.001 - +0.004

Items in bold = stock items
other sizes available
on request

Some sizes available
in zinc plated or
black oxide finish



Double Split Shaft Collar



GRB Part number	Bore «d»	O.D. «D»	Width «B»
2SC 1/8	1/8	1/2	1/4
2SC 3/16	3/16	5/8	5/16
2SC 1/4	1/4	11/16	5/16
2SC 5/16	5/16	11/16	5/16
2SC 3/8	3/8	7/8	11/32
2SC 7/16	7/16	15/16	3/8
2SC 1/2	1/2	1 1/8	13/32
2SC 9/16	9/16	1 1/4	7/16
2SC 5/8	5/8	1 5/16	7/16
2SC 11/16	11/16	1 3/8	7/16
2SC 3/4	3/4	1 1/2	1/2
2SC 13/16	13/16	1 5/8	1/2
2SC 7/8	7/8	1 5/8	1/2
2SC 15/16	15/16	1 3/4	1/2
2SC 1	1	1 3/4	1/2
2SC 1 1/16	1 1/16	1 7/8	1/2
2SC 1 1/8	1 1/8	1 7/8	1/2
2SC 1 3/16	1 3/16	2 1/16	1/2
2SC 1 1/4	1 1/4	2 1/16	1/2
2SC 1 5/16	1 5/16	2 1/8	9/16
2SC 1 3/8	1 3/8	2 1/4	9/16
2SC 1 7/16	1 7/16	2 1/4	9/16
2SC 1 1/2	1 1/2	2 3/8	9/16
2SC 1 9/16	1 9/16	2 3/8	9/16
2SC 1 5/8	1 5/8	2 5/8	11/16

GRB Part number	Bore «d»	O.D. «D»	Width «B»
2SC 1 11/16	1 11/16	2 3/4	11/16
2SC 1 3/4	1 3/4	2 3/4	11/16
2SC 1 13/16	1 13/16	2 7/8	11/16
2SC 1 7/8	1 7/8	2 7/8	11/16
2SC 1 15/16	1 15/16	3	11/16
2SC 2	2	3	11/16
2SC 2 1/16	2 1/16	3 1/8	3/4
2SC 2 1/8	2 1/8	3 1/4	3/4
2SC 2 3/16	2 3/16	3 1/4	3/4
2SC 2 1/4	2 1/4	3 1/4	3/4
2SC 2 5/16	2 5/16	3 3/8	3/4
2SC 2 3/8	2 3/8	3 1/2	3/4
2SC 2 7/16	2 7/16	3 1/2	3/4
2SC 2 1/2	2 1/2	3 3/4	7/8
2SC 2 9/16	2 9/16	3 7/8	7/8
2SC 2 5/8	2 5/8	3 7/8	7/8
2SC 2 11/16	2 11/16	4	7/8
2SC 2 3/4	2 3/4	4	7/8
2SC 2 13/16	2 13/16	4 1/4	7/8
2SC 7/8	2 7/8	4 1/4	7/8
2SC 2 15/16	2 15/16	4 1/4	7/8
2SC 3	3	4 1/4	7/8
2SC 3 3/16	3 3/16	4 1/2	7/8
2SC 3 7/16	3 7/16	4 3/4	7/8
2SC 3 1/2	3 1/2	4 3/4	7/8
2SC 3 15/16	3 15/16	5 1/4	7/8

Standard Tolerances

Dimensions (Bore)	Tolerances
1/8" - 3"	+0.001 - +0.003
3" - 3 15/16"	+0.001 - +0.004

Items in bold = stock items
other sizes available
on request