

ONE-PIECE CLAMPING COLLARS 1C-SERIES



- Design fully engages the shaft without marring
- Greater axial holding power than set screw collars
- Effective on both hard and soft shafts

PART NUMBER					PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	ZINC PLATED STEEL	316 STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
1C-012	1C-012-S	1C-012-A	1C-012-Z	CR1C-012-S	1/8	11/16	5/16	4-40 x 3/8	0.44
1C-018	1C-018-S	1C-018-A	1C-018-Z	CR1C-018-S	3/16	11/16	5/16	4-40 x 3/8	0.43
1C-025	1C-025-S	1C-025-A	1C-025-Z	CR1C-025-S	1/4	11/16	5/16	4-40 x 3/8	0.40
1C-031	1C-031-S	1C-031-A	1C-031-Z	CR1C-031-S	5/16	11/16	5/16	4-40 x 3/8	0.36
1C-037	1C-037-S	1C-037-A	1C-037-Z	CR1C-037-S	3/8	7/8	3/8	6-32 x 3/8	0.70
1C-043	1C-043-S	1C-043-A	1C-043-Z	CR1C-043-S	7/16	15/16	3/8	6-32 x 3/8	0.81
1C-050	1C-050-S	1C-050-A	1C-050-Z	CR1C-050-S	1/2	1 1/8	13/32	8-32 x 1/2	1.30
1C-056	1C-056-S	1C-056-A	1C-056-Z	CR1C-056-S	9/16	1 5/16	7/16	10-32 x 1/2	2.00
1C-062	1C-062-S	1C-062-A	1C-062-Z	CR1C-062-S	5/8	1 5/16	7/16	10-32 x 1/2	1.80
1C-068	1C-068-S	1C-068-A	1C-068-Z	CR1C-068-S	11/16	1 1/2	1/2	10-32 x 1/2	2.90
1C-075	1C-075-S	1C-075-A	1C-075-Z	CR1C-075-S	3/4	1 1/2	1/2	1/4-28 x 5/8	2.70
1C-081	1C-081-S	1C-081-A	1C-081-Z	CR1C-081-S	13/16	1 5/8	1/2	1/4-28 x 5/8	3.20
1C-087	1C-087-S	1C-087-A	1C-087-Z	CR1C-087-S	7/8	1 5/8	1/2	1/4-28 x 5/8	2.96
1C-093	1C-093-S	1C-093-A	1C-093-Z	CR1C-093-S	15/16	1 3/4	1/2	1/4-28 x 5/8	3.51
1C-100	1C-100-S	1C-100-A	1C-100-Z	CR1C-100-S	1	1 3/4	1/2	1/4-28 x 5/8	3.30
1C-106	1C-106-S	1C-106-A	1C-106-Z	CR1C-106-S	1 1/16	1 7/8	1/2	1/4-28 x 5/8	3.90
1C-112	1C-112-S	1C-112-A	1C-112-Z	CR1C-112-S	1 1/8	1 7/8	1/2	1/4-28 x 3/4	3.63
1C-118	1C-118-S	1C-118-A	1C-118-Z	CR1C-118-S	1 3/16	2 1/16	1/2	1/4-28 x 3/4	4.70
1C-125	1C-125-S	1C-125-A	1C-125-Z	CR1C-125-S	1 1/4	2 1/16	1/2	1/4-28 x 3/4	4.40
1C-131	1C-131-S	1C-131-A	1C-131-Z	CR1C-131-S	1 5/16	2 1/4	9/16	1/4-28 x 3/4	6.19
1C-137	1C-137-S	1C-137-A	1C-137-Z	CR1C-137-S	1 3/8	2 1/4	9/16	1/4-28 x 3/4	5.90
1C-143	1C-143-S	1C-143-A	1C-143-Z	CR1C-143-S	1 7/16	2 1/4	9/16	1/4-28 x 3/4	5.50
1C-150	1C-150-S	1C-150-A	1C-150-Z	CR1C-150-S	1 1/2	2 3/8	9/16	1/4-28 x 3/4	6.30
1C-156	1C-156-S	1C-156-A	1C-156-Z	CR1C-156-S	1 9/16	2 3/8	9/16	1/4-28 x 3/4	5.90
1C-162	1C-162-S	1C-162-A	1C-162-Z	CR1C-162-S	1 5/8	2 5/8	11/16	5/16-24 x 1	9.65
1C-168	1C-168-S	1C-168-A	1C-168-Z	CR1C-168-S	1 11/16	2 3/4	11/16	5/16-24 x 1	10.70
1C-175	1C-175-S	1C-175-A	1C-175-Z	CR1C-175-S	1 3/4	2 3/4	11/16	5/16-24 x 1	10.20
1C-181	1C-181-S	1C-181-A	1C-181-Z	CR1C-181-S	1 13/16	2 7/8	11/16	5/16-24 x 1	10.20
1C-187	1C-187-S	1C-187-A	1C-187-Z	CR1C-187-S	1 7/8	2 7/8	11/16	5/16-24 x 1	10.90
1C-193	1C-193-S	1C-193-A	1C-193-Z	CR1C-193-S	1 15/16	3	11/16	5/16-24 x 1	12.00
1C-200	1C-200-S	1C-200-A	1C-200-Z	CR1C-200-S	2	3	11/16	5/16-24 x 1	11.60
1C-206	1C-206-S	1C-206-A	1C-206-Z	CR1C-206-S	2 1/16	3 1/4	3/4	5/16-24 x 1	11.60
1C-212	1C-212-S	1C-212-A	1C-212-Z	CR1C-212-S	2 1/8	3 1/4	3/4	5/16-24 x 1	15.20
1C-218	1C-218-S	1C-218-A	1C-218-Z	CR1C-218-S	2 3/16	3 1/4	3/4	5/16-24 x 1	14.40
1C-225	1C-225-S	1C-225-A	1C-225-Z	CR1C-225-S	2 1/4	3 1/4	3/4	5/16-24 x 1	13.66
1C-231	1C-231-S	1C-231-A	1C-231-Z	CR1C-231-S	2 5/16	3 1/2	3/4	5/16-24 x 1	13.66
1C-237	1C-237-S	1C-237-A	1C-237-Z	CR1C-237-S	2 3/8	3 1/2	3/4	5/16-24 x 1	16.50
1C-243	1C-243-S	1C-243-A	1C-243-Z	CR1C-243-S	2 7/16	3 1/2	3/4	5/16-24 x 1	15.60
1C-250	1C-250-S	1C-250-A	1C-250-Z	CR1C-250-S	2 1/2	3 3/4	7/8	3/8-24 x 1	23.10
1C-256	1C-256-S	1C-256-A	1C-256-Z	CR1C-256-S	2 9/16	3 7/8	7/8	3/8-24 x 1	23.10
1C-262	1C-262-S	1C-262-A	1C-262-Z	CR1C-262-S	2 5/8	3 7/8	7/8	3/8-24 x 1	23.90
1C-268	1C-268-S	1C-268-A	1C-268-Z	CR1C-268-S	2 11/16	4	7/8	3/8-24 x 1	25.80
1C-275	1C-275-S	1C-275-A	1C-275-Z	CR1C-275-S	2 3/4	4	7/8	3/8-24 x 1	29.20
1C-281	1C-281-S	1C-281-A	1C-281-Z	CR1C-281-S	2 13/16	4 1/4	7/8	3/8-24 x 1	29.20
1C-287	1C-287-S	1C-287-A	1C-287-Z	CR1C-287-S	2 7/8	4 1/4	7/8	3/8-24 x 1	29.20
1C-293	1C-293-S	1C-293-A	1C-293-Z	CR1C-293-S	2 15/16	4 1/4	7/8	3/8-24 x 1	28.00
1C-300	1C-300-S	1C-300-A	1C-300-Z	CR1C-300-S	3	4 1/4	7/8	3/8-24 x 1	26.80
H1C-318	H1C-318-S				3 3/16	4 1/2	7/8	3/8-24 x 1	28.30
H1C-325	H1C-325-S				3 1/4	4 1/2	7/8	3/8-24 x 1	27.30
H1C-343	H1C-343-S				3 7/16	4 3/4	7/8	3/8-24 x 1	31.00
H1C-350	H1C-350-S				3 1/2	4 3/4	7/8	3/8-24 x 1	29.10
H1C-393	H1C-393-S				3 15/16	5 1/4	7/8	3/8-24 x 1	35.00
H1C-400	H1C-400-S				4	5 1/4	7/8	3/8-24 x 1	33.00

Screw lengths for steel parts only

Zinc plated collars have stainless steel screws

Yellow zinc plated collars have black oxide screws

Bore sizes 1-9/16" through 3" do not have a relief cut

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000



For 3D
Models &
2D Sales
Drawings

METRIC ONE-PIECE CLAMPING COLLARS **M1C-SERIES**

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
M1C-03	M1C-03-S	3	11/16	9	M 3 x 8	0.40
M1C-04	M1C-04-S	4	11/16	9	M 3 x 8	0.40
M1C-05	M1C-05-S	5	11/16	9	M 3 x 8	0.41
M1C-06	M1C-06-S	6	3/4	9	M 3 x 8	0.48
M1C-07	M1C-07-S	7	3/4	9	M 3 x 8	0.47
M1C-08	M1C-08-S	8	1	9	M 3 x 10	0.90
M1C-09	M1C-09-S	9	1	9	M 3 x 10	1.00
M1C-10	M1C-10-S	10	1	9	M 3 x 10	1.36
M1C-12	M1C-12-S	12	1 1/8	11	M 4 x 12	1.40
M1C-13	M1C-13-S	13	1 1/4	11	M 4 x 12	1.60
M1C-14	M1C-14-S	14	1 1/4	11	M 4 x 12	1.60
M1C-15	M1C-15-S	15	1 3/8	13	M 5 x 16	2.41
M1C-16	M1C-16-S	16	1 3/8	13	M 5 x 16	2.30
M1C-17	M1C-17-S	17	1 1/2	13	M 5 x 16	2.60
M1C-18	M1C-18-S	18	1 1/2	13	M 5 x 16	2.50
M1C-19	M1C-19-S	19	1 5/8	15	M 6 x 16	3.70
M1C-20	M1C-20-S	20	1 5/8	15	M 6 x 16	3.60
M1C-21	M1C-21-S	21	1 3/4	15	M 6 x 16	4.00
M1C-22	M1C-22-S	22	1 3/4	15	M 6 x 16	3.90
M1C-23	M1C-23-S	23	1 7/8	15	M 6 x 16	4.60
M1C-24	M1C-24-S	24	1 7/8	15	M 6 x 16	4.30
M1C-25	M1C-25-S	25	1 7/8	15	M 6 x 16	4.20
M1C-26	M1C-26-S	26	2	15	M 6 x 16	4.90
M1C-28	M1C-28-S	28	2	15	M 6 x 16	4.50
M1C-30	M1C-30-S	30	2 1/8	15	M 6 x 16	6.11
M1C-32	M1C-32-S	32	2 1/8	15	M 6 x 16	6.02
M1C-34	M1C-34-S	34	2 1/4	15	M 6 x 16	6.20
M1C-35	M1C-35-S	35	2 1/4	15	M 6 x 16	6.13
M1C-36	M1C-36-S	36	2 1/4	15	M 6 x 16	5.90
M1C-38	M1C-38-S	38	2 3/8	15	M 6 x 16	5.90
M1C-40	M1C-40-S	40	2 3/8	15	M 6 x 16	5.90
M1C-42	M1C-42-S	42	2 7/8	19	M 8 x 25	14.00
M1C-45	M1C-45-S	45	2 7/8	19	M 8 x 25	12.90
M1C-48	M1C-48-S	48	3 1/8	19	M 8 x 25	14.80
M1C-50	M1C-50-S	50	3 1/8	19	M 8 x 25	13.80
M1C-54	M1C-54-S	54	3 1/4	19	M 8 x 25	14.90
M1C-55	M1C-55-S	55	3 1/4	19	M 8 x 25	14.50
M1C-60	M1C-60-S	60	3 1/2	19	M 8 x 25	16.20
M1C-65	M1C-65-S	65	3 3/4	19	M 8 x 25	16.80
M1C-70	M1C-70-S	70	4	19	M 8 x 25	18.30
M1C-75	M1C-75-S	75	4 1/4	19	M 8 x 25	19.50
M1C-80	M1C-80-S	80	4 1/4	19	M 8 x 25	20.40



- Design fully engages the shaft without marring
- Greater axial holding power than set screw collars
- Effective on both hard and soft shafts

Bore sizes 20mm through 80mm do not have a relief cut

DIMENSION
BORE, METRIC

TOLERANCE
+0.08MM /
-0.00MM

For 3D
Models &
2D Sales
Drawings



ONE-PIECE CLAMPING COLLARS RECESSED SCREW **H1C-SERIES**



- Recessed screw head provides an outside surface free of major projections for safety
- Design fully engages the shaft without marring
- Greater axial holding power than set screw collars
- Effective on both hard and soft shafts

Bore sizes 3-3/16" through 4" do not have recessed screws

Black oxide steel and aluminum bore sizes 3/4" through 4" do not have a relief cut

Stainless steel bore sizes 1-9/16" through 4" do not have a relief cut

PART NUMBER			PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
H1C-012	H1C-012-S	H1C-012-A	1/8	13/16	1/4	4-40 x 3/8	0.51
H1C-018	H1C-018-S	H1C-018-A	3/16	13/16	1/4	4-40 x 3/8	0.50
H1C-025	H1C-025-S	H1C-025-A	1/4	13/16	1/4	4-40 x 3/8	0.45
H1C-031	H1C-031-S	H1C-031-A	5/16	13/16	1/4	4-40 x 3/8	0.43
H1C-037	H1C-037-S	H1C-037-A	3/8	1 1/16	5/16	6-32 x 3/8	0.95
H1C-043	H1C-043-S	H1C-043-A	7/16	1 1/16	5/16	6-32 x 3/8	0.92
H1C-050	H1C-050-S	H1C-050-A	1/2	1 1/4	3/8	8-32 x 1/2	1.50
H1C-056	H1C-056-S	H1C-056-A	9/16	1 1/4	3/8	8-32 x 1/2	1.50
H1C-062	H1C-062-S	H1C-062-A	5/8	1 1/2	13/32	10-32 x 1/2	2.40
H1C-068	H1C-068-S	H1C-068-A	11/16	1 1/2	13/32	10-32 x 1/2	2.30
H1C-075	H1C-075-S	H1C-075-A	3/4	1 3/4	1/2	1/4-28 x 5/8	3.90
H1C-081	H1C-081-S	H1C-081-A	13/16	1 3/4	1/2	1/4-28 x 5/8	3.80
H1C-087	H1C-087-S	H1C-087-A	7/8	1 7/8	1/2	1/4-28 x 5/8	4.50
H1C-093	H1C-093-S	H1C-093-A	15/16	1 7/8	1/2	1/4-28 x 5/8	4.20
H1C-100	H1C-100-S	H1C-100-A	1	2	1/2	1/4-28 x 5/8	4.80
H1C-106	H1C-106-S	H1C-106-A	1 1/16	2	1/2	1/4-28 x 5/8	4.60
H1C-112	H1C-112-S	H1C-112-A	1 1/8	2 1/8	1/2	1/4-28 x 3/4	5.30
H1C-118	H1C-118-S	H1C-118-A	1 3/16	2 1/8	1/2	1/4-28 x 3/4	5.00
H1C-125	H1C-125-S	H1C-125-A	1 1/4	2 1/4	1/2	1/4-28 x 3/4	5.70
H1C-131	H1C-131-S	H1C-131-A	1 5/16	2 1/4	1/2	1/4-28 x 3/4	5.50
H1C-137	H1C-137-S	H1C-137-A	1 3/8	2 3/8	1/2	1/4-28 x 3/4	6.20
H1C-143	H1C-143-S	H1C-143-A	1 7/16	2 3/8	1/2	1/4-28 x 3/4	5.90
H1C-150	H1C-150-S	H1C-150-A	1 1/2	2 1/2	1/2	1/4-28 x 3/4	6.50
H1C-156	H1C-156-S	H1C-156-A	1 9/16	2 1/2	1/2	1/4-28 x 3/4	6.20
H1C-162	H1C-162-S	H1C-162-A	1 5/8	3	5/8	5/16-24 x 1	13.20
H1C-168	H1C-168-S	H1C-168-A	1 11/16	3	5/8	5/16-24 x 1	12.70
H1C-175	H1C-175-S	H1C-175-A	1 3/4	3	5/8	5/16-24 x 1	12.10
H1C-187	H1C-187-S	H1C-187-A	1 7/8	3 1/4	5/8	5/16-24 x 1	14.60
H1C-193	H1C-193-S	H1C-193-A	1 15/16	3 1/4	5/8	5/16-24 x 1	14.00
H1C-200	H1C-200-S	H1C-200-A	2	3 1/4	5/8	5/16-24 x 1	13.40
H1C-212	H1C-212-S		2 1/8	3 1/2	5/8	5/16-24 x 1	15.80
H1C-218	H1C-218-S		2 3/16	3 1/2	5/8	5/16-24 x 1	15.40
H1C-225	H1C-225-S		2 1/4	3 1/2	5/8	5/16-24 x 1	14.90
H1C-237	H1C-237-S		2 3/8	3 1/2	5/8	5/16-24 x 1	13.50
H1C-243	H1C-243-S		2 7/16	4	3/4	3/8-24 x 1	28.30
H1C-250	H1C-250-S		2 1/2	4	3/4	3/8-24 x 1	24.70
H1C-262	H1C-262-S		2 5/8	4 1/4	3/4	3/8-24 x 1	27.70
H1C-268	H1C-268-S		2 11/16	4 1/4	3/4	3/8-24 x 1	26.80
H1C-275	H1C-275-S		2 3/4	4 1/4	3/4	3/8-24 x 1	26.50
H1C-287	H1C-287-S		2 7/8	4 1/2	3/4	3/8-24 x 1	30.30
H1C-293	H1C-293-S		2 15/16	4 1/2	3/4	3/8-24 x 1	29.30
H1C-300	H1C-300-S		3	4 1/2	3/4	3/8-24 x 1	28.30
H1C-318	H1C-318-S		3 3/16	4 1/2	7/8	3/8-24 x 1	28.30
H1C-325	H1C-325-S		3 1/4	4 1/2	7/8	3/8-24 x 1	27.30
H1C-343	H1C-343-S		3 7/16	4 3/4	7/8	3/8-24 x 1	31.00
H1C-350	H1C-350-S		3 1/2	4 3/4	7/8	3/8-24 x 1	29.10
H1C-393	H1C-393-S		3 15/16	5 1/4	7/8	3/8-24 x 1	35.00
H1C-400	H1C-400-S		4	5 1/4	7/8	3/8-24 x 1	33.00

DIMENSION

BORE, INCH

TOLERANCE

+0.003 / -0.000



For 3D
Models &
2D Sales
Drawings

RE-MACHINABLE ONE-PIECE CLAMPING COLLARS **R1C-SERIES**

PART NUMBER	PRODUCT SPECIFICATIONS					
BLACK OXIDE STEEL	PILOT BORE	MAX BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
R1C-075	1/8	3/4	1 3/4	1/2	1/4-28 x 5/8	6.40
R1C-100	1/2	1	2 1/4	1/2	1/4-28 x 5/8	9.60
R1C-156	5/8	1 9/16	2 1/2	1/2	1/4-28 x 3/4	11.20
R1C-200	3/4	2	3 1/4	5/8	5/16-24 x 1	24.00
R1C-262	1	2 5/8	4 1/4	3/4	3/8-24 x 1	48.00
R1C-300	1 1/4	3	4 1/2	3/4	3/8-24 x 1	51.20
R1C-425	2	4 1/4	5 1/2	7/8	3/8-24 x 1	84.80
R1C-500	2 1/2	5	6 1/4	7/8	3/8-24 x 1	105.60
R1C-600	3	6	7 1/4	7/8	3/8-24 x 1	139.20

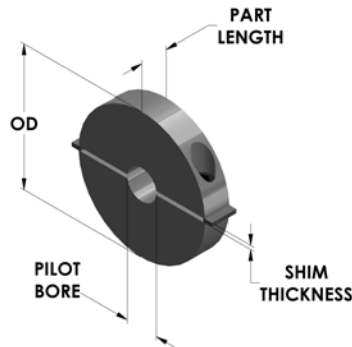


- Collar designed with an undersized ID
- Allows for rebores of the ID without damaging the existing clamp screws
- Pilot bore can be opened safely to the nominal ID reflected in the part number
- Design fully engages the shaft without marring

When reboring the R1C-Series Collars:

1. Start by inserting the shim in the saw cut of the collar as illustrated. Shim thickness is provided in the chart below.

PILOT BORE (IN)	MAX BORE (IN)	OD (IN)	WIDTH (IN)	SHIM THICKNESS (IN)
1/8	3/4	1 3/4	1/2	0.063
1/2	1	2 1/4	1/2	0.063
5/8	1 9/16	2 1/2	1/2	0.093
3/4	2	3 1/4	5/8	0.093
1	2 5/8	4 1/4	3/4	0.125
1 1/4	3	4 1/2	3/4	0.125
2	4 1/4	5 1/2	7/8	0.125
2 1/2	5	6 1/4	7/8	0.125
3	6	7 1/4	7/8	0.125



- Tighten the clamp screw so that the collar clamps down on the shim.
- The collar bore is then machined with the installation screw tightened and the shim firmly in place.

DIMENSION BORE, INCH
TOLERANCE +0.003 / -0.000

For 3D
Models &
2D Sales
Drawings



TWO-PIECE CLAMPING COLLARS 2C-SERIES



- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring
- Greater axial holding power than set screw or one-piece collars
- Effective on both hard and soft shafts

PART NUMBER						PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	ZINC PLATED STEEL	YELLOW ZINC	316 STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
2C-012	2C-012-S	2C-012-A	2C-012-Z		CR2C-012-S	1/8	11/16	5/16	4-40 x 3/8	0.43
2C-018	2C-018-S	2C-018-A	2C-018-Z		CR2C-018-S	3/16	11/16	5/16	4-40 x 3/8	0.39
2C-025	2C-025-S	2C-025-A	2C-025-Z		CR2C-025-S	1/4	11/16	5/16	4-40 x 3/8	0.38
2C-031	2C-031-S	2C-031-A	2C-031-Z		CR2C-031-S	5/16	11/16	5/16	4-40 x 3/8	0.34
2C-037	2C-037-S	2C-037-A	2C-037-Z		CR2C-037-S	3/8	7/8	3/8	6-32 x 3/8	0.71
2C-043	2C-043-S	2C-043-A	2C-043-Z		CR2C-043-S	7/16	15/16	3/8	6-32 x 3/8	0.76
2C-050	2C-050-S	2C-050-A	2C-050-Z	CR2C-050	CR2C-050-S	1/2	1 1/8	13/32	8-32 x 1/2	1.26
2C-056	2C-056-S	2C-056-A	2C-056-Z		CR2C-056-S	9/16	1 5/16	7/16	10-32 x 1/2	2.00
2C-062	2C-062-S	2C-062-A	2C-062-Z	CR2C-062	CR2C-062-S	5/8	1 5/16	7/16	10-32 x 1/2	1.80
2C-068	2C-068-S	2C-068-A	2C-068-Z		CR2C-068-S	11/16	1 1/2	1/2	10-32 x 1/2	2.80
2C-075	2C-075-S	2C-075-A	2C-075-Z	CR2C-075	CR2C-075-S	3/4	1 1/2	1/2	1/4-28 x 5/8	2.60
2C-081	2C-081-S	2C-081-A	2C-081-Z		CR2C-081-S	13/16	1 5/8	1/2	1/4-28 x 5/8	3.10
2C-087	2C-087-S	2C-087-A	2C-087-Z		CR2C-087-S	7/8	1 5/8	1/2	1/4-28 x 5/8	2.83
2C-093	2C-093-S	2C-093-A	2C-093-Z		CR2C-093-S	15/16	1 3/4	1/2	1/4-28 x 5/8	3.40
2C-100	2C-100-S	2C-100-A	2C-100-Z	CR2C-100	CR2C-100-S	1	1 3/4	1/2	1/4-28 x 5/8	3.10
2C-106	2C-106-S	2C-106-A	2C-106-Z		CR2C-106-S	1 1/16	1 7/8	1/2	1/4-28 x 5/8	3.67
2C-112	2C-112-S	2C-112-A	2C-112-Z		CR2C-112-S	1 1/8	1 7/8	1/2	1/4-28 x 3/4	3.50
2C-118	2C-118-S	2C-118-A	2C-118-Z		CR2C-118-S	1 3/16	2 1/16	1/2	1/4-28 x 3/4	4.50
2C-125	2C-125-S	2C-125-A	2C-125-Z	CR2C-125	CR2C-125-S	1 1/4	2 1/16	1/2	1/4-28 x 3/4	4.22
2C-131	2C-131-S	2C-131-A	2C-131-Z		CR2C-131-S	1 5/16	2 1/4	9/16	1/4-28 x 3/4	5.90
2C-137	2C-137-S	2C-137-A	2C-137-Z		CR2C-137-S	1 3/8	2 1/4	9/16	1/4-28 x 3/4	5.70
2C-143	2C-143-S	2C-143-A	2C-143-Z		CR2C-143-S	1 7/16	2 1/4	9/16	1/4-28 x 3/4	5.23
2C-150	2C-150-S	2C-150-A	2C-150-Z		CR2C-150-S	1 1/2	2 3/8	9/16	1/4-28 x 3/4	6.06
2C-156	2C-156-S	2C-156-A	2C-156-Z		CR2C-156-S	1 9/16	2 3/8	9/16	1/4-28 x 3/4	5.61
2C-162	2C-162-S	2C-162-A	2C-162-Z		CR2C-162-S	1 5/8	2 5/8	11/16	5/16-24 x 1	9.31
2C-168	2C-168-S	2C-168-A	2C-168-Z		CR2C-168-S	1 11/16	2 3/4	11/16	5/16-24 x 1	9.86
2C-175	2C-175-S	2C-175-A	2C-175-Z		CR2C-175-S	1 3/4	2 3/4	11/16	5/16-24 x 1	11.00
2C-181	2C-181-S	2C-181-A	2C-181-Z		CR2C-181-S	1 13/16	2 7/8	11/16	5/16-24 x 1	10.90
2C-187	2C-187-S	2C-187-A	2C-187-Z		CR2C-187-S	1 7/8	2 7/8	11/16	5/16-24 x 1	10.46
2C-193	2C-193-S	2C-193-A	2C-193-Z		CR2C-193-S	1 15/16	3	11/16	5/16-24 x 1	11.57
2C-200	2C-200-S	2C-200-A	2C-200-Z		CR2C-200-S	2	3	11/16	5/16-24 x 1	11.00
2C-206	2C-206-S	2C-206-A	2C-206-Z		CR2C-206-S	2 1/16	3 1/4	3/4	5/16-24 x 1	11.00
2C-212	2C-212-S	2C-212-A	2C-212-Z		CR2C-212-S	2 1/8	3 1/4	3/4	5/16-24 x 1	15.00
2C-218	2C-218-S	2C-218-A	2C-218-Z		CR2C-218-S	2 3/16	3 1/4	3/4	5/16-24 x 1	14.00
2C-225	2C-225-S	2C-225-A	2C-225-Z		CR2C-225-S	2 1/4	3 1/4	3/4	5/16-24 x 1	13.10
2C-231	2C-231-S	2C-231-A	2C-231-Z		CR2C-231-S	2 5/16	3 1/2	3/4	5/16-24 x 1	15.90
2C-237	2C-237-S	2C-237-A	2C-237-Z		CR2C-237-S	2 3/8	3 1/2	3/4	5/16-24 x 1	15.20
2C-243	2C-243-S	2C-243-A	2C-243-Z		CR2C-243-S	2 7/16	3 1/2	3/4	5/16-24 x 1	15.30
2C-250	2C-250-S	2C-250-A	2C-250-Z		CR2C-250-S	2 1/2	3 3/4	7/8	3/8-24 x 1	22.30
2C-256	2C-256-S	2C-256-A	2C-256-Z		CR2C-256-S	2 9/16	3 7/8	7/8	3/8-24 x 1	24.00
2C-262	2C-262-S	2C-262-A	2C-262-Z		CR2C-262-S	2 5/8	3 7/8	7/8	3/8-24 x 1	24.00
2C-268	2C-268-S	2C-268-A	2C-268-Z		CR2C-268-S	2 11/16	4	7/8	3/8-24 x 1	25.00
2C-275	2C-275-S	2C-275-A	2C-275-Z		CR2C-275-S	2 3/4	4	7/8	3/8-24 x 1	24.00
2C-281	2C-281-S	2C-281-A	2C-281-Z		CR2C-281-S	2 13/16	4 1/4	7/8	3/8-24 x 1	29.20
2C-287	2C-287-S	2C-287-A	2C-287-Z		CR2C-287-S	2 7/8	4 1/4	7/8	3/8-24 x 1	29.00
2C-293	2C-293-S	2C-293-A	2C-293-Z		CR2C-293-S	2 15/16	4 1/4	7/8	3/8-24 x 1	26.50
2C-300	2C-300-S	2C-300-A	2C-300-Z		CR2C-300-S	3	4 1/4	7/8	3/8-24 x 1	25.80
H2C-318	H2C-318-S					3 3/16	4 1/2	7/8	3/8-24 x 1	28.30
H2C-325	H2C-325-S					3 1/4	4 1/2	7/8	3/8-24 x 1	27.30
H2C-337	H2C-337-S					3 3/8	4 3/4	7/8	3/8-24 x 1	29.00
H2C-343	H2C-343-S					3 7/16	4 3/4	7/8	3/8-24 x 1	31.00
H2C-350	H2C-350-S					3 1/2	4 3/4	7/8	3/8-24 x 1	29.10
H2C-375	H2C-375-S					3 3/4	5	7/8	3/8-24 x 1	32.00
H2C-393	H2C-393-S					3 15/16	5 1/4	7/8	3/8-24 x 1	35.00
H2C-400	H2C-400-S					4	5 1/4	7/8	3/8-24 x 1	33.00
H2C-425	H2C-425-S					4 1/4	5 1/2	7/8	3/8-24 x 1	35.00
H2C-443	H2C-443-S					4 7/16	5 3/4	7/8	3/8-24 x 1	38.50
H2C-450	H2C-450-S					4 1/2	5 3/4	7/8	3/8-24 x 1	36.00
H2C-493	H2C-493-S					4 15/16	6 1/4	7/8	3/8-24 x 1	42.50
H2C-500	H2C-500-S					5	6 1/4	7/8	3/8-24 x 1	40.10
H2C-525	H2C-525-S					5 1/4	6 3/4	7/8	3/8-24 x 1	42.00
H2C-550	H2C-550-S					5 1/2	6 3/4	7/8	3/8-24 x 1	43.30
H2C-593	H2C-593-S					5 15/16	7 1/4	7/8	3/8-24 x 1	50.30
H2C-600	H2C-600-S					6	7 1/4	7/8	3/8-24 x 1	47.60

Screw lengths for steel parts only

Bore sizes 3-3/16" through 6" do not have recessed screws

Zinc plated collars have stainless steel screws

Yellow zinc plated collars have black oxide screws

DIMENSION

BORE, INCH

TOLERANCE

+0.003 / -0.000



For 3D
Models &
2D Sales
Drawings

METRIC TWO-PIECE CLAMPING COLLARS **M2C-SERIES**

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD (IN)	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
M2C-03	M2C-03-S	3	1 1/16	9	M 3 x 8	0.40
M2C-04	M2C-04-S	4	1 1/16	9	M 3 x 8	0.40
M2C-05	M2C-05-S	5	1 1/16	9	M 3 x 8	0.40
M2C-06	M2C-06-S	6	3/4	9	M 3 x 8	0.46
M2C-07	M2C-07-S	7	3/4	9	M 3 x 8	0.43
M2C-08	M2C-08-S	8	1	9	M 3 x 10	0.90
M2C-09	M2C-09-S	9	1	9	M 3 x 10	0.81
M2C-10	M2C-10-S	10	1	9	M 3 x 10	0.80
M2C-12	M2C-12-S	12	1 1/8	11	M 4 x 12	1.31
M2C-13	M2C-13-S	13	1 1/4	11	M 4 x 12	1.50
M2C-14	M2C-14-S	14	1 1/4	11	M 4 x 12	1.50
M2C-15	M2C-15-S	15	1 3/8	13	M 5 x 16	2.30
M2C-16	M2C-16-S	16	1 3/8	13	M 5 x 16	2.25
M2C-17	M2C-17-S	17	1 1/2	13	M 5 x 16	2.60
M2C-18	M2C-18-S	18	1 1/2	13	M 5 x 16	2.40
M2C-19	M2C-19-S	19	1 5/8	15	M 6 x 16	3.61
M2C-20	M2C-20-S	20	1 5/8	15	M 6 x 16	3.41
M2C-21	M2C-21-S	21	1 3/4	15	M 6 x 16	3.90
M2C-22	M2C-22-S	22	1 3/4	15	M 6 x 16	3.71
M2C-23	M2C-23-S	23	1 7/8	15	M 6 x 16	4.45
M2C-24	M2C-24-S	24	1 7/8	15	M 6 x 16	4.20
M2C-25	M2C-25-S	25	1 7/8	15	M 6 x 16	4.80
M2C-26	M2C-26-S	26	2	15	M 6 x 16	4.00
M2C-28	M2C-28-S	28	2	15	M 6 x 16	4.40
M2C-30	M2C-30-S	30	2 1/8	15	M 6 x 16	5.90
M2C-32	M2C-32-S	32	2 1/8	15	M 6 x 16	5.50
M2C-34	M2C-34-S	34	2 1/4	15	M 6 x 16	6.11
M2C-35	M2C-35-S	35	2 1/4	15	M 6 x 16	5.90
M2C-36	M2C-36-S	36	2 1/4	15	M 6 x 16	5.70
M2C-38	M2C-38-S	38	2 3/8	15	M 6 x 16	6.31
M2C-40	M2C-40-S	40	2 3/8	15	M 6 x 16	5.70
M2C-42	M2C-42-S	42	2 7/8	19	M 8 x 25	13.50
M2C-45	M2C-45-S	45	2 7/8	19	M 8 x 25	12.50
M2C-48	M2C-48-S	48	3 1/8	19	M 8 x 25	14.10
M2C-50	M2C-50-S	50	3 1/8	19	M 8 x 25	13.50
M2C-54	M2C-54-S	54	3 1/4	19	M 8 x 25	14.30
M2C-55	M2C-55-S	55	3 1/4	19	M 8 x 25	14.00
M2C-60	M2C-60-S	60	3 1/2	19	M 8 x 25	15.50
M2C-65	M2C-65-S	65	3 3/4	19	M 8 x 25	16.70
M2C-70	M2C-70-S	70	4	19	M 8 x 25	17.70
M2C-75	M2C-75-S	75	4 1/4	19	M 8 x 25	18.80
M2C-80	M2C-80-S	80	4 1/4	19	M 8 x 25	19.70
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD (MM)	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
M2C-85	M2C-85-S	85	125	25	M 10 X 30	45.62
M2C-90	M2C-90-S	90	130	25	M 10 X 30	47.79
M2C-95	M2C-95-S	95	135	25	M 10 X 30	49.97
M2C-100	M2C-100-S	100	140	25	M 10 X 30	52.14
M2C-110	M2C-110-S	110	150	25	M 10 X 30	56.48
M2C-120	M2C-120-S	120	160	25	M 10 X 30	60.83
M2C-125	M2C-125-S	125	165	25	M 10 X 30	63.00
M2C-130	M2C-130-S	130	170	25	M 10 X 30	65.17
M2C-140	M2C-140-S	140	180	25	M 10 X 30	69.52
M2C-150	M2C-150-S	150	190	25	M 10 X 30	73.86



- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring
- Greater axial holding power than set screw or one-piece collars
- Effective on both hard and soft shafts

DIMENSION
BORE, INCH

TOLERANCE
+0.08MM / -0.00MM

For 3D
Models &
2D Sales
Drawings



TWO-PIECE CLAMPING COLLARS RECESSED SCREW **H2C-SERIES**



- Recessed screw head provides an outside surface free of major projections for safety
- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring
- Effective on both hard and soft shafts

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
H2C-012	H2C-012-S	1/8	13/16	1/4	4-40 x 3/8	0.48
H2C-018	H2C-018-S	3/16	13/16	1/4	4-40 x 3/8	0.44
H2C-025	H2C-025-S	1/4	13/16	1/4	4-40 x 3/8	0.42
H2C-031	H2C-031-S	5/16	13/16	1/4	4-40 x 3/8	0.40
H2C-037	H2C-037-S	3/8	1 1/16	5/16	6-32 x 3/8	0.89
H2C-043	H2C-043-S	7/16	1 1/16	5/16	6-32 x 3/8	0.83
H2C-050	H2C-050-S	1/2	1 1/4	3/8	8-32 x 1/2	1.45
H2C-056	H2C-056-S	9/16	1 1/4	3/8	8-32 x 1/2	1.41
H2C-062	H2C-062-S	5/8	1 1/2	13/32	10-32 x 1/2	2.20
H2C-068	H2C-068-S	11/16	1 1/2	13/32	10-32 x 1/2	2.10
H2C-075	H2C-075-S	3/4	1 3/4	1/2	1/4-28 x 5/8	3.60
H2C-081	H2C-081-S	13/16	1 3/4	1/2	1/4-28 x 5/8	3.50
H2C-087	H2C-087-S	7/8	1 7/8	1/2	1/4-28 x 5/8	4.10
H2C-093	H2C-093-S	15/16	1 7/8	1/2	1/4-28 x 5/8	3.90
H2C-100	H2C-100-S	1	2	1/2	1/4-28 x 5/8	4.50
H2C-106	H2C-106-S	1 1/16	2	1/2	1/4-28 x 5/8	4.30
H2C-112	H2C-112-S	1 1/8	2 1/8	1/2	1/4-28 x 3/4	5.00
H2C-118	H2C-118-S	1 3/16	2 1/8	1/2	1/4-28 x 3/4	4.70
H2C-125	H2C-125-S	1 1/4	2 1/4	1/2	1/4-28 x 3/4	5.30
H2C-131	H2C-131-S	1 5/16	2 1/4	1/2	1/4-28 x 3/4	5.00
H2C-137	H2C-137-S	1 3/8	2 3/8	1/2	1/4-28 x 3/4	5.80
H2C-143	H2C-143-S	1 7/16	2 3/8	1/2	1/4-28 x 3/4	5.50
H2C-150	H2C-150-S	1 1/2	2 1/2	1/2	1/4-28 x 3/4	6.20
H2C-156	H2C-156-S	1 9/16	2 1/2	1/2	1/4-28 x 3/4	5.80
H2C-162	H2C-162-S	1 5/8	3	5/8	5/16-24 x 1	12.50
H2C-168	H2C-168-S	1 11/16	3	5/8	5/16-24 x 1	12.10
H2C-175	H2C-175-S	1 3/4	3	5/8	5/16-24 x 1	11.50
H2C-187	H2C-187-S	1 7/8	3 1/4	5/8	5/16-24 x 1	13.80
H2C-193	H2C-193-S	1 15/16	3 1/4	5/8	5/16-24 x 1	13.40
H2C-200	H2C-200-S	2	3 1/4	5/8	5/16-24 x 1	12.70
H2C-212	H2C-212-S	2 1/8	3 1/2	5/8	5/16-24 x 1	15.00
H2C-218	H2C-218-S	2 3/16	3 1/2	5/8	5/16-24 x 1	14.60
H2C-225	H2C-225-S	2 1/4	3 1/2	5/8	5/16-24 x 1	14.00
H2C-237	H2C-237-S	2 3/8	3 1/2	5/8	5/16-24 x 1	13.40
H2C-243	H2C-243-S	2 7/16	4	3/4	3/8-24 x 1	12.90
H2C-250	H2C-250-S	2 1/2	4	3/4	3/8-24 x 1	22.80
H2C-262	H2C-262-S	2 5/8	4 1/4	3/4	3/8-24 x 1	26.60
H2C-268	H2C-268-S	2 11/16	4 1/4	3/4	3/8-24 x 1	26.00
H2C-275	H2C-275-S	2 3/4	4 1/4	3/4	3/8-24 x 1	25.10
H2C-287	H2C-287-S	2 7/8	4 1/2	3/4	3/8-24 x 1	29.00
H2C-293	H2C-293-S	2 15/16	4 1/2	3/4	3/8-24 x 1	28.00
H2C-300	H2C-300-S	3	4 1/2	3/4	3/8-24 x 1	26.60
H2C-318	H2C-318-S	3 3/16	4 1/2	7/8	3/8-24 x 1	28.30
H2C-325	H2C-325-S	3 1/4	4 1/2	7/8	3/8-24 x 1	27.30
H2C-337	H2C-337-S	3 3/8	4 3/4	7/8	3/8-24 x 1	29.00
H2C-343	H2C-343-S	3 7/16	4 3/4	7/8	3/8-24 x 1	31.00
H2C-350	H2C-350-S	3 1/2	4 3/4	7/8	3/8-24 x 1	29.10
H2C-375	H2C-375-S	3 3/4	5	7/8	3/8-24 x 1	32.00
H2C-393	H2C-393-S	3 15/16	5 1/4	7/8	3/8-24 x 1	35.00
H2C-400	H2C-400-S	4	5 1/4	7/8	3/8-24 x 1	33.00
H2C-425	H2C-425-S	4 1/4	5 1/2	7/8	3/8-24 x 1	35.00
H2C-443	H2C-443-S	4 7/16	5 3/4	7/8	3/8-24 x 1	38.50
H2C-450	H2C-450-S	4 1/2	5 3/4	7/8	3/8-24 x 1	36.00
H2C-493	H2C-493-S	4 15/16	6 1/4	7/8	3/8-24 x 1	42.50
H2C-500	H2C-500-S	5	6 1/4	7/8	3/8-24 x 1	40.10
H2C-525	H2C-525-S	5 1/4	6 3/4	7/8	3/8-24 x 1	42.00
H2C-550	H2C-550-S	5 1/2	6 3/4	7/8	3/8-24 x 1	43.30
H2C-593	H2C-593-S	5 15/16	7 1/4	7/8	3/8-24 x 1	50.30
H2C-600	H2C-600-S	6	7 1/4	7/8	3/8-24 x 1	47.60

Bore sizes 3-3/16" through 6" do not have recessed screws

DIMENSION

BORE, INCH

TOLERANCE

+0.003 / -0.000



For 3D
Models &
2D Sales
Drawings

RE-MACHINABLE TWO-PIECE CLAMPING COLLARS **R2C-SERIES**

PART NUMBER				PRODUCT SPECIFICATIONS					
UNPLATED STEEL	BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	PILOT BORE	MAX BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
R2C-075-DT	R2C-075	R2C-075-S	R2C-075-A	1/8	3/4	1 3/4	1/2	1/4-28 x 5/8	6.40
R2C-100-DT	R2C-100		R2C-100-A	1/2	1	2 1/4	1/2	1/4-28 x 5/8	9.60
R2C-156-DT	R2C-156	R2C-156-S		5/8	1 9/16	2 1/2	1/2	1/4-28 x 3/4	11.20
R2C-200-DT	R2C-200	R2C-200-S	R2C-200-A	3/4	2	3 1/4	5/8	5/16-24 x 1	24.00
	R2C-262			1	2 5/8	4 1/4	3/4	3/8-24 x 1	48.00
	R2C-300			1 1/4	3	4 1/2	3/4	3/8-24 x 1	51.20
		R2C-425-S	R2C-425-A	2	4 1/4	5 1/2	7/8	3/8-24 x 1	84.80
		R2C-500-S		2 1/2	5	6 1/4	7/8	3/8-24 x 1	105.60

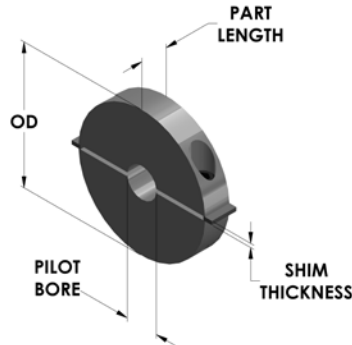


- Collar designed with an undersized ID
- Allows for rebores of the ID without damaging the existing clamp screws
- Pilot bore can be opened safely to the nominal ID reflected in the part number
- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring

When rebores the R2C-Series Collars:

1. Start by inserting the shims in the saw cuts of the collar as illustrated. Shim thickness is provided in the chart below.

PILOT BORE (IN)	MAX BORE (IN)	OD (IN)	WIDTH (IN)	SHIM THICKNESS (IN)
1/8	3/4	1 3/4	1/2	0.063
1/2	1	2 1/4	1/2	0.063
5/8	1 9/16	2 1/2	1/2	0.093
3/4	2	3 1/4	5/8	0.093
1	2 5/8	4 1/4	3/4	0.125
1 1/4	3	4 1/2	3/4	0.125
2	4 1/4	5 1/2	7/8	0.125
2 1/2	5	6 1/4	7/8	0.125
3	6	7 1/4	7/8	0.125



2. Tighten the clamp screws so that the collar clamps down on the shims.
3. The collar bore is then machined with the installation screws tightened and the shims on both sides holding the two halves of the collar apart.

DIMENSION
BORE, INCH
TOLERANCE
+0.003 / -0.000

For 3D
Models &
2D Sales
Drawings



SHAFT MOUNT COLLARS **2SMC-SERIES**

PART NUMBER			PRODUCT SPECIFICATIONS					
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	BORE	OD	WIDTH	ACROSS FLATS	SCREW SIZE	APPROX WEIGHT (OZ)
2SMC-025	2SMC-025-S	2SMC-025-A	1/4	11/16	5/16	9/16	4-40 x 3/8	0.35
2SMC-037	2SMC-037-S	2SMC-037-A	3/8	7/8	3/8	3/4	6-32 x 3/8	0.67
2SMC-050	2SMC-050-S	2SMC-050-A	1/2	1 1/8	13/32	1	8-32 x 1/2	1.28
2SMC-062	2SMC-062-S	2SMC-062-A	5/8	1 5/16	7/16	1 3/16	10-32 x 1/2	1.86
2SMC-075	2SMC-075-S	2SMC-075-A	3/4	1 1/2	1/2	1 5/16	1/4-28 x 5/8	2.72
2SMC-087	2SMC-087-S	2SMC-087-A	7/8	1 5/8	1/2	1 7/16	1/4-28 x 5/8	2.94
2SMC-100	2SMC-100-S	2SMC-100-A	1	1 3/4	1/2	1 9/16	1/4-28 x 5/8	3.26
2SMC-112	2SMC-112-S	2SMC-112-A	1 1/8	1 7/8	1/2	1 11/16	1/4-28 x 3/4	3.61
2SMC-125	2SMC-125-S	2SMC-125-A	1 1/4	2 1/16	1/2	1 7/8	1/4-28 x 3/4	4.42
2SMC-137	2SMC-137-S	2SMC-137-A	1 3/8	2 1/4	9/16	2 1/16	1/4-28 x 3/4	5.70
2SMC-150	2SMC-150-S	2SMC-150-A	1 1/2	2 3/8	9/16	2 3/16	1/4-28 x 3/4	6.21
2SMC-162	2SMC-162-S	2SMC-162-A	1 5/8	2 5/8	11/16	2 7/16	5/16-24 x 1	9.63
2SMC-175	2SMC-175-S	2SMC-175-A	1 3/4	2 3/4	11/16	2 9/16	5/16-24 x 1	10.11
2SMC-200	2SMC-200-S	2SMC-200-A	2	3	11/16	2 13/16	5/16-24 x 1	11.23



- Collars have machined flats for mounting to each other or attached precisely to flat surfaces in a repeatable manner
- Easily installed where major disassembly would otherwise be required

DIMENSION
BORE, INCH
TOLERANCE
+0.003 / -0.000

For 3D
Models &
2D Sales
Drawings



ACETAL TWO-PIECE CLAMPING COLLARS **N2C-SERIES**



For 3D
Models &
2D Sales
Drawings

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

- Ideal for wash down environments, will not rust or corrode
- USDA approved
- Easily installed where major disassembly would otherwise be required

PART NUMBER		PRODUCT SPECIFICATIONS			
ACETAL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
N2C-025	1/4	5/8	5/16	4-40 x 3/8	0.22
N2C-037	3/8	7/8	11/32	6-32 x 3/8	0.38
N2C-050	1/2	1 1/8	13/32	8-32 x 1/2	0.62
N2C-062	5/8	1 5/16	7/16	10-32 x 1/2	0.88
N2C-075	3/4	1 1/2	1/2	1/4-28 x 5/8	1.30
N2C-100	1	1 3/4	1/2	1/4-28 x 5/8	1.85

Acetal collars include stainless steel screws

TWO-PIECE CLAMPING COLLARS DOUBLE WIDE **D2C-SERIES**



For 3D
Models &
2D Sales
Drawings

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

- Ideal for space constrained applications
- High axial load capacity
- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring
- Effective on both hard and soft shafts

PART NUMBER			PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
D2C-012	D2C-012-S	D2C-012-A	1/8	11/16	5/8	4-40 x 3/8	0.87
D2C-018	D2C-018-S	D2C-018-A	3/16	11/16	5/8	4-40 x 3/8	0.79
D2C-025	D2C-025-S	D2C-025-A	1/4	11/16	5/8	4-40 x 3/8	0.77
D2C-031	D2C-031-S	D2C-031-A	5/16	11/16	5/8	4-40 x 3/8	0.69
D2C-037	D2C-037-S	D2C-037-A	3/8	7/8	3/4	6-32 x 3/8	1.44
D2C-050	D2C-050-S	D2C-050-A	1/2	1 1/8	7/8	8-32 x 1/2	2.54
D2C-062	D2C-062-S	D2C-062-A	5/8	1 5/16	15/16	10-32 x 1/2	3.64
D2C-075	D2C-075-S	D2C-075-A	3/4	1 1/2	1 1/16	1/4-28 x 5/8	5.24
D2C-087	D2C-087-S	D2C-087-A	7/8	1 5/8	1 1/16	1/4-28 x 5/8	5.69
D2C-100	D2C-100-S	D2C-100-A	1	1 3/4	1 1/16	1/4-28 x 5/8	6.24

TWO-PIECE CLAMPING COLLARS WITH KEYWAY **2C-KW-SERIES**



For 3D
Models &
2D Sales
Drawings

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

- For use on keyed shafts
- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without marring
- Greater axial holding power than set screw or one-piece collars
- Effective on both hard and soft shafts

PART NUMBER			PRODUCT SPECIFICATIONS					
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	BORE	OD	WIDTH	SCREW SIZE	KEYWAY SIZE	APPROX WEIGHT (OZ)
2C-037-KW	2C-037-S-KW	2C-037-A-KW	3/8	7/8	3/8	6-32 x 3/8	3/32	0.71
2C-050-KW	2C-050-S-KW	2C-050-A-KW	1/2	1 1/8	13/32	8-32 x 1/2	1/8	1.26
2C-062-KW	2C-062-S-KW	2C-062-A-KW	5/8	1 5/16	7/16	10-32 x 1/2	3/16	1.80
2C-075-KW	2C-075-S-KW	2C-075-A-KW	3/4	1 1/2	1/2	1/4-28 x 5/8	3/16	2.60
2C-100-KW	2C-100-S-KW	2C-100-A-KW	1	1 3/4	1/2	1/4-28 x 5/8	1/4	3.10
2C-125-KW	2C-125-S-KW	2C-125-A-KW	1 1/4	2 1/16	1/2	1/4-28 x 3/4	1/4	4.22
2C-150-KW	2C-150-S-KW	2C-150-A-KW	1 1/2	2 3/8	9/16	1/4-28 x 3/4	3/8	6.04
2C-200-KW	2C-200-S-KW	2C-200-A-KW	2	3	11/16	5/16-24 x 1	1/2	10.97
2C-218-KW	2C-218-S-KW	2C-218-A-KW	2 3/16	3 1/4	3/4	5/16-24 x 1	1/2	13.96



- Traditional cost effective collar
- Effective on both hard and soft shafts

Zinc plated collars have black oxide coated screws

Yellow zinc plated collars have black oxide coated screws

DIMENSION	
BORE, INCH	
BORE SIZE	BORE TOLERANCE
1/16" TO 1/2"	+0.0005 / +0.0025
9/16" TO 2"	+0.0005 / +0.0030
2 1/16" TO 5 15/16"	+0.0010 / +0.0040

For 3D
Models &
2D Sales
Drawings



PART NUMBER							PRODUCT SPECIFICATIONS				
ZINC PLATED STEEL	UNPLATED STEEL	BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	YELLOW ZINC	316 STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
C-006	C-006-DT	C-006-BO	C-006-S	C-006-A	CRC-006	CRC-006-S	1/16	1/4	3/16	2-56 x 1/8	0.10
C-009	C-009-DT	C-009-BO	C-009-S	C-009-A	CRC-009	CRC-009-S	3/32	3/8	3/16	6-32 x 1/8	0.10
C-012	C-012-DT	C-012-BO	C-012-S	C-012-A	CRC-012	CRC-012-S	1/8	3/8	1/4	6-32 x 1/8	0.10
C-015	C-015-DT	C-015-BO	C-015-S	C-015-A	CRC-015	CRC-015-S	5/32	7/16	1/4	8-32 x 1/8	0.10
C-018	C-018-DT	C-018-BO	C-018-S	C-018-A	CRC-018	CRC-018-S	3/16	7/16	1/4	8-32 x 1/8	0.10
C-025	C-025-DT	C-025-BO	C-025-S	C-025-A	CRC-025	CRC-025-S	1/4	1/2	5/16	10-32 x 1/8	0.20
C-031	C-031-DT	C-031-BO	C-031-S	C-031-A	CRC-031	CRC-031-S	5/16	5/8	5/16	10-32 x 1/8	0.30
C-037	C-037-DT	C-037-BO	C-037-S	C-037-A	CRC-037	CRC-037-S	3/8	3/4	3/8	1/4-20 x 3/16	0.50
C-043	C-043-DT	C-043-BO	C-043-S	C-043-A	CRC-043	CRC-043-S	7/16	7/8	7/16	1/4-20 x 1/4	0.80
C-050	C-050-DT	C-050-BO	C-050-S	C-050-A	CRC-050	CRC-050-S	1/2	1	7/16	1/4-20 x 1/4	1.10
C-056	C-056-DT	C-056-BO	C-056-S	C-056-A		CRC-056-S	9/16	1	7/16	1/4-20 x 1/4	1.00
C-062	C-062-DT	C-062-BO	C-062-S	C-062-A	CRC-062	CRC-062-S	5/8	1 1/8	1/2	5/16-18 x 1/4	1.50
C-068	C-068-DT	C-068-BO	C-068-S	C-068-A		CRC-068-S	11/16	1 1/4	9/16	5/16-18 x 1/4	2.00
C-075	C-075-DT	C-075-BO	C-075-S	C-075-A	CRC-075	CRC-075-S	3/4	1 1/4	9/16	5/16-18 x 1/4	1.90
C-081	C-081-DT	C-081-BO	C-081-S	C-081-A		CRC-081-S	13/16	1 1/4	9/16	5/16-18 x 1/4	1.70
C-087	C-087-DT	C-087-BO	C-087-S	C-087-A		CRC-087-S	7/8	1 1/2	9/16	5/16-18 x 5/16	2.90
C-093	C-093-DT	C-093-BO	C-093-S	C-093-A		CRC-093-S	15/16	1 1/2	9/16	5/16-24 x 1/4	2.74
C-100	C-100-DT	C-100-BO	C-100-S	C-100-A	CRC-100	CRC-100-S	1	1 1/2	5/8	5/16-24 x 1/4	2.78
C-106	C-106-DT	C-106-BO	C-106-S	C-106-A		CRC-106-S	1 1/16	1 3/4	5/8	5/16-18 x 5/16	4.10
C-112	C-112-DT	C-112-BO	C-112-S	C-112-A		CRC-112-S	1 1/8	1 3/4	5/8	5/16-18 x 5/16	3.90
C-118	C-118-DT	C-118-BO	C-118-S	C-118-A		CRC-118-S	1 3/16	2	11/16	3/8-16 x 3/8	6.10
C-125	C-125-DT	C-125-BO	C-125-S	C-125-A	CRC-125	CRC-125-S	1 1/4	2	11/16	3/8-16 x 3/8	5.70
C-131	C-131-DT	C-131-BO	C-131-S	C-131-A		CRC-131-S	1 5/16	2 1/8	11/16	3/8-16 x 3/8	6.60
C-137	C-137-DT	C-137-BO	C-137-S	C-137-A		CRC-137-S	1 3/8	2 1/8	3/4	3/8-16 x 3/8	6.70
C-143	C-143-DT	C-143-BO	C-143-S	C-143-A		CRC-143-S	1 7/16	2 1/4	3/4	3/8-16 x 3/8	7.60
C-150	C-150-DT	C-150-BO	C-150-S	C-150-A		CRC-150-S	1 1/2	2 1/4	3/4	3/8-16 x 3/8	7.20
C-156	C-156-DT	C-156-BO	C-156-S	C-156-A		CRC-156-S	1 9/16	2 1/2	13/16	3/8-16 x 3/8	10.70
C-162	C-162-DT	C-162-BO	C-162-S	C-162-A		CRC-162-S	1 5/8	2 1/2	13/16	3/8-16 x 3/8	10.10
C-168	C-168-DT	C-168-BO	C-168-S	C-168-A		CRC-168-S	1 11/16	2 1/2	13/16	3/8-16 x 3/8	9.50
C-175	C-175-DT	C-175-BO	C-175-S	C-175-A		CRC-175-S	1 3/4	2 5/8	7/8	1/2-13 x 1/2	11.40
C-181	C-181-DT	C-181-BO	C-181-S	C-181-A		CRC-181-S	1 13/16	2 3/4	7/8	1/2-13 x 1/2	12.70
C-187	C-187-DT	C-187-BO	C-187-S	C-187-A		CRC-187-S	1 7/8	2 3/4	7/8	1/2-13 x 1/2	12.20
C-193	C-193-DT	C-193-BO	C-193-S	C-193-A		CRC-193-S	1 15/16	3	7/8	1/2-13 x 1/2	15.70
C-200	C-200-DT	C-200-BO	C-200-S	C-200-A		CRC-200-S	2	3	7/8	1/2-13 x 1/2	14.90
C-206	C-206-DT	C-206-BO	C-206-S	C-206-A		CRC-206-S	2 1/16	3	7/8	1/2-13 x 1/2	14.90
C-212	C-212-DT	C-212-BO	C-212-S	C-212-A		CRC-212-S	2 1/8	3	7/8	1/2-13 x 1/2	13.30
C-218	C-218-DT	C-218-BO	C-218-S	C-218-A		CRC-218-S	2 3/16	3 1/4	15/16	1/2-13 x 1/2	18.60
C-225	C-225-DT	C-225-BO	C-225-S	C-225-A		CRC-225-S	2 1/4	3 1/4	15/16	1/2-13 x 1/2	17.70
C-231	C-231-DT	C-231-BO	C-231-S	C-231-A		CRC-231-S	2 5/16	3 1/4	15/16	1/2-13 x 1/2	16.80
C-237	C-237-DT	C-237-BO	C-237-S	C-237-A		CRC-237-S	2 3/8	3 1/4	15/16	1/2-13 x 1/2	15.90
C-243	C-243-DT	C-243-BO	C-243-S	C-243-A		CRC-243-S	2 7/16	3 1/2	1	1/2-13 x 1/2	21.80
C-250	C-250-DT	C-250-BO	C-250-S	C-250-A		CRC-250-S	2 1/2	3 1/2	1	1/2-13 x 1/2	20.80
C-256	C-256-DT	C-256-BO	C-256-S	C-256-A		CRC-256-S	2 9/16	3 3/4	1	1/2-13 x 1/2	25.96
C-262	C-262-DT	C-262-BO	C-262-S	C-262-A		CRC-262-S	2 5/8	4	1 1/8	1/2-13 x 1/2	35.49
C-268	C-268-DT	C-268-BO	C-268-S	C-268-A		CRC-268-S	2 11/16	4	1 1/8	1/2-13 x 1/2	34.40
C-275	C-275-DT	C-275-BO	C-275-S	C-275-A		CRC-275-S	2 3/4	4	1 1/8	1/2-13 x 1/2	33.50
C-281	C-281-DT	C-281-BO	C-281-S	C-281-A		CRC-281-S	2 13/16	4	1 1/8	1/2-13 x 1/2	29.70
C-287	C-287-DT	C-287-BO	C-287-S	C-287-A		CRC-287-S	2 7/8	4	1 1/8	1/2-13 x 1/2	29.70
C-293	C-293-DT	C-293-BO	C-293-S	C-293-A		CRC-293-S	2 15/16	4	1 1/8	1/2-13 x 1/2	29.30
C-300	C-300-DT	C-300-BO	C-300-S	C-300-A		CRC-300-S	3	4	1 1/8	1/2-13 x 1/2	27.70
C-318	C-318-DT	C-318-BO					3 3/16	4 1/4	1 1/8	1/2-13 x 1/2	31.00
C-325	C-325-DT	C-325-BO					3 1/4	4 1/4	1 1/8	1/2-13 x 1/2	35.00
C-343	C-343-DT	C-343-BO					3 7/16	4 1/2	1 1/8	1/2-13 x 1/2	33.00
C-350	C-350-DT	C-350-BO					3 1/2	4 3/4	1 1/8	1/2-13 x 1/2	40.70
C-393	C-393-DT	C-393-BO					3 15/16	5	1 1/8	1/2-13 x 1/2	37.60
C-400	C-400-DT	C-400-BO					4	5	1 1/8	1/2-13 x 1/2	39.00
C-418	C-418-DT	C-418-BO					4 3/16	5 1/2	1 1/8	1/2-13 x 1/2	50.53
C-425	C-425-DT	C-425-BO					4 1/4	5 1/2	1 1/8	1/2-13 x 1/2	55.00
C-443	C-443-DT	C-443-BO					4 7/16	5 1/2	1 1/8	1/2-13 x 1/2	41.20
C-450	C-450-DT	C-450-BO					4 1/2	5 1/2	1 1/4	1/2-13 x 1/2	44.00
C-468	C-468-DT	C-468-BO					4 11/16	6	1 1/4	1/2-13 x 1/2	62.00
C-493	C-493-DT	C-493-BO					4 15/16	6	1 1/4	1/2-13 x 1/2	53.10
C-500	C-500-DT	C-500-BO					5	6	1 1/4	1/2-13 x 1/2	56.00
C-518	C-518-DT	C-518-BO					5 3/16	6 1/2	1 1/4	1/2-13 x 1/2	67.20
C-543	C-543-DT	C-543-BO					5 7/16	6 1/2	1 1/4	1/2-13 x 1/2	55.00
C-568	C-568-DT	C-568-BO					5 11/16	7	1 1/4	1/2-13 x 1/2	72.80
C-593	C-593-DT	C-593-BO					5 15/16	7	1 1/4	1/2-13 x 1/2	57.70

METRIC SET SCREW COLLARS MC-SERIES



- Traditional cost effective collar
- Effective on both hard and soft shafts

DIMENSION BORE, MM	
BORE SIZE	BORE TOLERANCE
2 TO 12MM	+0.01 / +0.06MM
14 TO 100MM	+0.01 / +0.08MM



For 3D
Models &
2D Sales
Drawings

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD (IN)	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
MC-02	MC-02-S	2	1/4	3.5	M 2 x 3	0.02
MC-02.5	MC-02.5-S	2.5	3/8	3.5	M 2 x 3	0.03
MC-03	MC-03-S	3	3/8	5	M 2 x 3	0.03
MC-04	MC-04-S	4	3/8	5	M 2 x 3	0.05
MC-05	MC-05-S	5	1/2	6	M 3 x 3	0.09
MC-06	MC-06-S	6	1/2	8	M 4 x 4	0.17
MC-08	MC-08-S	8	5/8	8	M 4 x 4	0.30
MC-09	MC-09-S	9	5/8	8	M 4 x 4	0.30
MC-10	MC-10-S	10	7/8	10	M 5 x 5	0.60
MC-12	MC-12-S	12	7/8	12	M 6 x 6	0.84
MC-13	MC-13-S	13	7/8	12	M 6 x 6	1.00
MC-14	MC-14-S	14	1	12	M 6 x 6	1.00
MC-15	MC-15-S	15	1	12	M 6 x 6	1.00
MC-16	MC-16-S	16	1 1/8	12	M 6 x 6	1.30
MC-18	MC-18-S	18	1 1/4	14	M 6 x 6	2.00
MC-20	MC-20-S	20	1 1/4	14	M 6 x 6	1.70
MC-22	MC-22-S	22	1 1/2	14	M 6 x 6	2.30
MC-24	MC-24-S	24	1 5/8	14	M 8 x 8	3.00
MC-25	MC-25-S	25	1 5/8	16	M 8 x 8	3.20
MC-28	MC-28-S	28	1 7/8	16	M 8 x 8	4.10
MC-30	MC-30-S	30	1 7/8	16	M 8 x 8	3.80
MC-32	MC-32-S	32	2	16	M 8 x 8	4.90
MC-34	MC-34-S	34	2	16	M 8 x 8	4.51
MC-35	MC-35-S	35	2 1/4	16	M 8 x 10	6.40
MC-36	MC-36-S	36	2 1/4	16	M 8 x 10	6.10
MC-38	MC-38-S	38	2 1/4	16	M 8 x 10	5.70
MC-40	MC-40-S	40	2 3/8	18	M 10 x 10	7.50
MC-45	MC-45-S	45	2 7/8	18	M 10 x 10	12.60
MC-50	MC-50-S	50	3 1/8	18	M 10 x 10	13.60
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD (MM)	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
MC-55	MC-55-S	55	85	25	M 12 X 12	22.82
MC-60	MC-60-S	60	85	25	M 12 X 12	19.68
MC-65	MC-65-S	65	95	25	M 12 X 12	26.06
MC-70	MC-70-S	70	95	25	M 12 X 12	22.40
MC-75	MC-75-S	75	105	28	M 12 X 12	32.85
MC-80	MC-80-S	80	105	28	M 12 X 12	28.13
MC-85	MC-85-S	85	115	28	M 12 X 12	36.50
MC-90	MC-90-S	90	115	28	M 12 X 12	31.17
MC-95	MC-95-S	95	125	28	M 12 X 12	40.14
MC-100	MC-100-S	100	125	28	M 12 X 12	34.22

ACETAL SET SCREW COLLARS NC-SERIES



- Ideal for wash down environments
- Will not rust or corrode
- USDA approved



For 3D
Models &
2D Sales
Drawings

DIMENSION BORE, INCH	
TOLERANCE	
+0.003 / -0.000	

PART NUMBER	PRODUCT SPECIFICATIONS				
ACETAL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
NC-025	1/4	1/2	5/16	10-32 x 1/8	0.04
NC-031	5/16	5/8	5/16	10-32 x 1/8	0.06
NC-037	3/8	3/4	3/8	1/4-20 x 3/16	0.10
NC-050	1/2	1	7/16	1/4-20 x 1/4	0.23
NC-062	5/8	1 1/8	1/2	5/16-18 x 1/4	0.30
NC-075	3/4	1 1/4	9/16	5/16-18 x 1/4	0.38
NC-087	7/8	1 1/2	9/16	5/16-18 x 5/16	0.55
NC-100	1	1 5/8	5/8	5/16-18 x 5/16	0.60

Acetal collars include stainless steel screws

LIGHTWEIGHT SET SCREW COLLARS **LC-SERIES**

- Smaller width ideal for limited spaces
- Traditional cost effective collar
- Effective on both hard and soft shafts

PART NUMBER	PRODUCT SPECIFICATIONS				
ZINC PLATED STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
LC-025	1/4	1/2	1/4	8-32 x 1/8	0.15
LC-031	5/16	9/16	1/4	8-32 x 1/8	0.18
LC-037	3/8	5/8	5/16	10-32 x 1/8	0.25
LC-043	7/16	5/8	3/8	10-32 x 1/8	0.24
LC-050	1/2	7/8	3/8	1/4-20 x 3/16	0.65
LC-062	5/8	1	7/16	1/4-20 x 3/16	0.90
LC-075	3/4	1 1/8	7/16	1/4-20 x 3/16	1.01
LC-087	7/8	1 1/4	7/16	1/4-20 x 3/16	1.16
LC-100	1	1 1/2	7/16	1/4-20 x 1/4	1.83
LC-125	1 1/4	1 3/4	1/2	5/16-18 x 1/4	2.50

Zinc plated collars have black oxide coated screws



DIMENSION	
BORE, INCH	
BORE SIZE	BORE TOLERANCE
1/4" TO 1/2"	+0.0005 / +0.0025
5/8" TO 1 1/4"	+0.0005 / +0.0030

For 3D
Models &
2D Sales
Drawings



TWO-HOLE SET SCREW COLLARS **C-2H-SERIES**

- Load capacity is nearly doubled by adding a second screw
- Set screws are at 90°
- Effective on both hard and soft shafts

PART NUMBER	PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
C-025-2H @ 90°	1/4	1/2	5/16	10-32 x 1/8	0.20
C-037-2H @ 90°	3/8	3/4	3/8	1/4-20 x 3/16	0.50
C-050-2H @ 90°	1/2	1	7/16	1/4-20 x 1/4	1.10
C-062-2H @ 90°	5/8	1 1/8	1/2	5/16-18 x 1/4	1.50
C-075-2H @ 90°	3/4	1 1/4	9/16	5/16-18 x 1/4	1.90
C-100-2H @ 90°	1	1 1/2	5/8	5/16-24 x 1/4	2.78
C-125-2H @ 90°	1 1/4	2	11/16	3/8-16 x 3/8	5.70
C-150-2H @ 90°	1 1/2	2 1/4	3/4	3/8-16 x 3/8	7.20
C-200-2H @ 90°	2	3	7/8	1/2-13 x 1/2	14.90



DIMENSION	
BORE, INCH	
TOLERANCE	
+0.003 / -0.000	

For 3D
Models &
2D Sales
Drawings



SET SCREW COLLARS WITH KEYWAY **C-KW-SERIES**

- For use on keyed shafts
- Traditional cost effective collar
- Effective on both hard and soft shafts

PART NUMBER			PRODUCT SPECIFICATIONS					
BLACK OXIDE STEEL	STAINLESS STEEL	ALUMINUM	BORE	OD	WIDTH	SCREW SIZE	KEYWAY SIZE	APPROX WEIGHT (OZ)
C-100-KW	C-100-S-KW	C-100-A-KW	1	1 1/2	5/8	5/16-24 x 1/4	1/4	2.78
C-125-KW	C-125-S-KW	C-125-A-KW	1 1/4	2	11/16	3/8-16 x 1/4	1/4	5.70
C-150-KW	C-150-S-KW	C-150-A-KW	1 1/2	2 1/4	3/4	3/8-16 x 1/4	3/8	7.20
C-200-KW	C-200-S-KW	C-200-A-KW	2	3	7/8	1/2-13 x 3/8	1/2	14.90

Keyway on bore size 1" is 90° to the screw



DIMENSION	
BORE, INCH	
TOLERANCE	
+0.003 / -0.000	

For 3D
Models &
2D Sales
Drawings



ONE-PIECE THREADED CLAMPING COLLARS **ISTC-SERIES**



- Design fully engages the thread for secure locking
- Effective on both hard and soft shafts

Screw lengths for steel parts only

Bore thread sizes 1-3/4-16 and 2-12 do not have a relief cut



For 3D
Models &
2D Sales
Drawings

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE THREAD	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
ISTC-010-32	ISTC-010-32-S	10-32	11/16	5/16	4-40 x 3/8	0.43
ISTC-025-20	ISTC-025-20-S	1/4-20	11/16	5/16	4-40 x 3/8	0.40
ISTC-025-28	ISTC-025-28-S	1/4-28	11/16	5/16	4-40 x 3/8	0.41
ISTC-031-18	ISTC-031-18-S	5/16-18	11/16	5/16	4-40 x 3/8	0.40
ISTC-031-24	ISTC-031-24-S	5/16-24	11/16	5/16	4-40 x 3/8	0.40
ISTC-037-16	ISTC-037-16-S	3/8-16	7/8	3/8	6-32 x 3/8	0.80
ISTC-037-24	ISTC-037-24-S	3/8-24	7/8	3/8	6-32 x 3/8	0.74
ISTC-043-14	ISTC-043-14-S	7/16-14	15/16	11/32	6-32 x 3/8	1.20
ISTC-043-20	ISTC-043-20-S	7/16-20	15/16	11/32	6-32 x 3/8	0.97
ISTC-050-13	ISTC-050-13-S	1/2-13	1 1/8	13/32	8-32 x 1/2	1.40
ISTC-050-20	ISTC-050-20-S	1/2-20	1 1/8	13/32	8-32 x 1/2	1.40
ISTC-062-11	ISTC-062-11-S	5/8-11	1 5/16	7/16	10-32 x 1/2	2.00
ISTC-062-18	ISTC-062-18-S	5/8-18	1 5/16	7/16	10-32 x 1/2	2.00
ISTC-075-10	ISTC-075-10-S	3/4-10	1 1/2	1/2	1/4-28 x 5/8	2.90
ISTC-075-16	ISTC-075-16-S	3/4-16	1 1/2	1/2	1/4-28 x 5/8	2.80
ISTC-087-09	ISTC-087-09-S	7/8-9	1 5/8	1/2	1/4-28 x 5/8	3.20
ISTC-087-14	ISTC-087-14-S	7/8-14	1 5/8	1/2	1/4-28 x 5/8	3.12
ISTC-100-08	ISTC-100-08-S	1-8	1 3/4	1/2	1/4-28 x 5/8	3.44
ISTC-100-12	ISTC-100-12-S	1-12	1 3/4	1/2	1/4-28 x 5/8	3.48
ISTC-100-14	ISTC-100-14-S	1-14	1 3/4	1/2	1/4-28 x 5/8	3.50
ISTC-112-07	ISTC-112-07-S	1 1/8-7	1 7/8	1/2	1/4-28 x 3/4	4.00
ISTC-112-12	ISTC-112-12-S	1 1/8-12	1 7/8	1/2	1/4-28 x 3/4	3.80
ISTC-125-07	ISTC-125-07-S	1 1/4-7	2 1/16	1/2	1/4-28 x 3/4	4.70
ISTC-125-12	ISTC-125-12-S	1 1/4-12	2 1/16	1/2	1/4-28 x 3/4	4.60
ISTC-137-06	ISTC-137-06-S	1 3/8-6	2 1/4	9/16	1/4-28 x 3/4	6.25
ISTC-137-12	ISTC-137-12-S	1 3/8-12	2 1/4	9/16	1/4-28 x 3/4	6.25
ISTC-150-06	ISTC-150-06-S	1 1/2-6	2 3/8	9/16	1/4-28 x 3/4	6.70
ISTC-150-12	ISTC-150-12-S	1 1/2-12	2 3/8	9/16	1/4-28 x 3/4	6.60
ISTC-175-16	ISTC-175-16-S	1 3/4-16	2 3/4	11/16	5/16-24 x 1	10.50
ISTC-200-12	ISTC-200-12-S	2-12	3	11/16	5/16-24 x 1	11.80

ONE-PIECE THREADED CLAMPING COLLARS RECESSED SCREW **TC-SERIES**



- Design fully engages the thread for secure locking
- Recessed screw head provides an outside surface free of major projections for safety
- Effective on both hard and soft shafts

Screw lengths for steel parts only

Bore thread sizes 1-3/4-16 and 2-12 do not have a relief cut



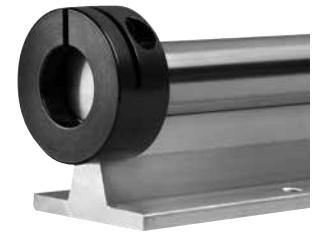
For 3D
Models &
2D Sales
Drawings

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE THREAD	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
TC-010-32	TC-010-32-S	10-32	11/16	1/4	4-40 x 5/16	0.34
TC-025-20	TC-025-20-S	1/4-20	13/16	1/4	4-40 x 3/8	0.47
TC-025-28	TC-025-28-S	1/4-28	13/16	1/4	4-40 x 3/8	0.48
TC-031-18	TC-031-18-S	5/16-18	13/16	1/4	4-40 x 3/8	0.45
TC-031-24	TC-031-24-S	5/16-24	13/16	1/4	4-40 x 3/8	0.44
TC-037-16	TC-037-16-S	3/8-16	1 1/16	5/16	6-32 x 3/8	1.00
TC-037-24	TC-037-24-S	3/8-24	1 1/16	5/16	6-32 x 3/8	1.00
TC-050-13	TC-050-13-S	1/2-13	1 1/4	3/8	8-32 x 1/2	1.60
TC-050-20	TC-050-20-S	1/2-20	1 1/4	3/8	8-32 x 1/2	1.60
TC-062-11	TC-062-11-S	5/8-11	1 1/2	13/32	10-32 x 1/2	2.50
TC-062-18	TC-062-18-S	5/8-18	1 1/2	13/32	10-32 x 1/2	2.50
TC-075-10	TC-075-10-S	3/4-10	1 3/4	1/2	1/4-28 x 5/8	4.10
TC-075-16	TC-075-16-S	3/4-16	1 3/4	1/2	1/4-28 x 5/8	4.10
TC-087-09	TC-087-09-S	7/8-9	1 7/8	1/2	1/4-28 x 5/8	4.60
TC-087-14	TC-087-14-S	7/8-14	1 7/8	1/2	1/4-28 x 5/8	4.50
TC-100-08	TC-100-08-S	1-8	2	1/2	1/4-28 x 5/8	5.00
TC-100-14	TC-100-14-S	1-14	2	1/2	1/4-28 x 5/8	5.00
TC-112-07	TC-112-07-S	1 1/8-7	2 1/8	1/2	1/4-28 x 3/4	5.50
TC-112-12	TC-112-12-S	1 1/8-12	2 1/8	1/2	1/4-28 x 3/4	5.50
TC-125-07	TC-125-07-S	1 1/4-7	2 1/4	1/2	1/4-28 x 3/4	6.00
TC-125-12	TC-125-12-S	1 1/4-12	2 1/4	1/2	1/4-28 x 3/4	6.00
TC-150-06	TC-150-06-S	1 1/2-6	2 1/2	1/2	1/4-28 x 3/4	6.90
TC-150-12	TC-150-12-S	1 1/2-12	2 1/2	1/2	1/4-28 x 3/4	6.70
TC-175-16	TC-175-16-S	1 3/4-16	3	5/8	5/16-24 x 1	12.40
TC-200-12	TC-200-12-S	2-12	3 1/4	5/8	5/16-24 x 1	13.90

PART NUMBER		PRODUCT SPECIFICATIONS				
BLACK OXIDE STEEL	STAINLESS STEEL	BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
ESC-050	ESC-050-S	1/2	1 3/8	3/4	8-32 x 5/8	3.57
ESC-062	ESC-062-S	5/8	1 1/2	3/4	10-32 x 5/8	3.97
ESC-075	ESC-075-S	3/4	1 3/4	7/8	1/4-28 x 5/8	6.29
ESC-100	ESC-100-S	1	2	7/8	1/4-28 x 5/8	7.81
ESC-125	ESC-125-S	1 1/4	2 1/2	1	1/4-28 x 5/8	14.05
ESC-150	ESC-150-S	1 1/2	2 3/4	1	1/4-28 x 5/8	16.96



- Designed to fit over rail assembly on precision shafting

DIMENSION
BORE, INCH

TOLERANCE
+0.003 / -0.000

For 3D
Models &
2D Sales
Drawings



DRILL STOP KITS

Drill stop collar kit makes it easy to drill holes or consecutive holes at a uniform depth. These collars can be located anywhere along the bit. The kit includes set screw shaft collars and necessary hex keys for easy installation. Shaft collar sizes range from 1/8" to 1/2".

Drill Kit #100
DK-Refill #101
(collars only)



Features & Benefits

- Set screw collars firmly grip to the outer diameter of the drill bit
- Zinc plated steel
- Fits drill bit sizes 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
- Packaged in a sturdy plastic box
- DK-Refill #101 contains only collars

To View
Product
Details

