

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

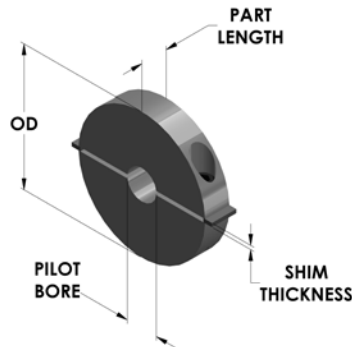


- Collar designed with an undersized ID
- Allows for rebores of the ID without damaging the existing clamp screws
- Pilot bore can be opened safely to the nominal ID reflected in the part number
- Design fully engages the shaft without marring

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



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

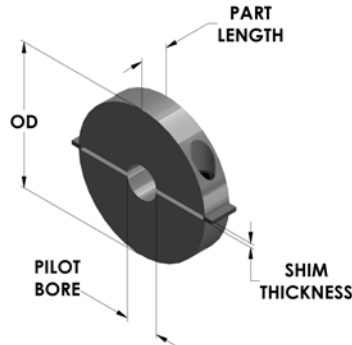


- Collar designed with an undersized ID
- Allows for rebores of the ID without damaging the existing clamp screws
- Pilot bore can be opened safely to the nominal ID reflected in the part number
- Easily installed where major disassembly would otherwise be required
- Design fully engages the shaft without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

