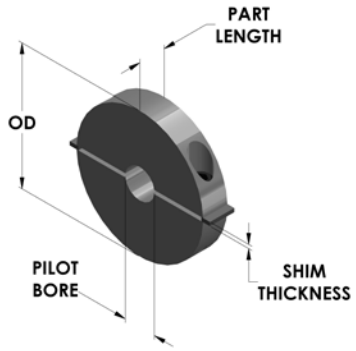
PART NUMBER	PRODUCT SPECIFICATIONS					
BLACK OXIDE STEEL	PILOT BORE	MAX BORE	OD	WIDTH	SCREW SIZE	APPROX WEIGHT (OZ)
R1C-075	1/8	3/4	1 3/4	1/2	1/4-28 x 5/8	6.40
R1C-100	1/2	1	2 1/4	1/2	1/4-28 x 5/8	9.60
R1C-156	5/8	1 9/16	2 1/2	1/2	1/4-28 x 3/4	11.20
R1C-200	3/4	2	3 1/4	5/8	5/16-24 x 1	24.00
R1C-262	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 rebore 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



2. Tighten the clamp screw so that the collar clamps down on the shim.
3. 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