

# 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