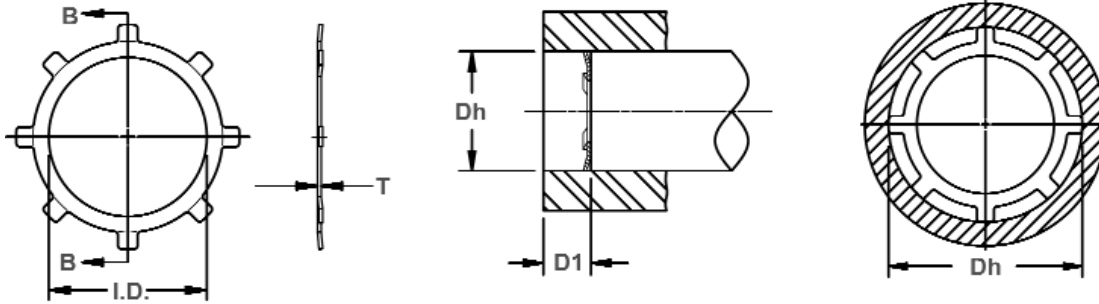


# Internal, Self-Locking Push-On

The internal version of the TY featuring a series of prongs protruding outward. The ends create interference with the housing when the ring is installed and a load introduced to the other side.

# TI Housing Rings



Inside Diameter With Section B-B

Housing Diameter

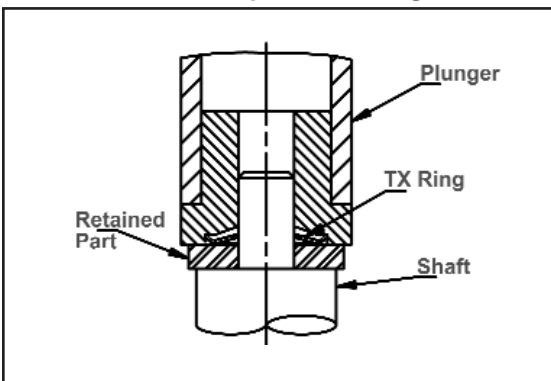
RING NO.	HOUSING DIAMETER				RING SIZE & WEIGHT						Min. Distance Face of part to end of housing	
	Dh DEC		Dh FRACT	Dh mm	INSIDE DIAMETER		THICKNESS***		No. of Prongs	Thrust Load		Weight Per 1000 Pcs.
	FROM	TO			I.D.	Tol.	T	Tol.				
TI-31	.311	.313	5/16	7.92	.136	±.005	.010	±.001	6	81	.11	.040
TI-37	.374	.376	3/8	9.53	.175				6	76	.16	.040
TI-43	.437	.439	7/16	11.13	.237				6	71	.20	.040
TI-44	.440	.442	-	11.20	.258				6	41	.18	.040
TI-50	.498	.502	1/2	12.7	.258				6	61	.24	.040
TI-56	.560	.564	9/16	14.27	.312				6	51	.29	.040
TI-62	.623	.627	5/8	15.85	.390				6	46	.30	.040
TI-63	.638	.640	-	16.23	.390				6	43	.32	.040
TI-75	.748	.752	3/4	19.05	.500				8	76	.62	.060
TI-87	.873	.877	7/8	22.23	.625				8	71	.75	.060
TI-93	.936	.940	15/16	23.83	.687	10	71	.85	.060			
TI-100	.998	1.002	1	25.4	.750	10	75	.91	.060			
TI-112	1.123	1.127	1 1/8	28.58	.813	±.010	.015	±.002	10	60	1.30	.060
TI-125	1.248	1.252	1 1/4	31.75	.938				10	60	1.50	.060
TI-143	1.436	1.44	1 7/16	36.51	1.117				12	60	1.73	.060
TI-150	1.498	1.502	1 1/2	38.10	1.188				12	60	1.80	.060
TI-175	1.748	1.752	1 3/4	44.45	1.438				12	55	2.10	.060
TI-200	1.998	2.002	2	50.80	1.600				14	55	3.00	.060

\*\*\* FOR PLATED RINGS ADD .002" TO MAXIMUM THICKNESS. LARGER SIZES MAY BE AVAILABLE UPON REQUEST.

† BASED ON HOUSINGS/SHAFTS MADE OF COLD ROLLED STEEL. FOR AN EXPLANATION OF FORMULAS USED TO DERIVE THRUST LOAD AND OTHER PERFORMANCE DATA, CONTACT THE ROTOR CLIP ENGINEERING DEPT. THRUST LOAD CAPACITY IF APPLICABLE TO PARTS MADE FROM CARBON SPRING STEEL AND STAINLESS STEEL MATERIALS ONLY.

## PLUNGER

For Fast, Easy Installation Of Rotor Clip TX, TY Rings.



A cylindrical plunger can be easily made to install TX, TY rings. The ring is positioned at the opening of the plunger and then pushed or tapped onto the shaft, as illustrated.

HARDNESS RANGES: STAINLESS STEEL RINGS (PH 15-7MO)

RING TYPE	SIZE RANGE	SCALE	ROCKWELL HARDNESS
TI	31-62	15N	82.5-86*
	75+	15N	82.5-86

HARDNESS RANGES: BERYLLIUM COPPER RINGS

RING TYPE	SIZE RANGE	SCALE	ROCKWELL HARDNESS
TI	31-62	15N	77-82*
	75+	15N	77-82

HARDNESS RANGES: CARBON STEEL RINGS (SAE 1060-1090)

RING TYPE	SIZE RANGE	SCALE	ROCKWELL HARDNESS
TI	31-62	15N	84-86*
	75+	15N	84-86

\*HARDNESS CAN NOT BE CHECKED WITH ANY DEGREE OF ACCURACY DIRECTLY ON THESE RINGS.