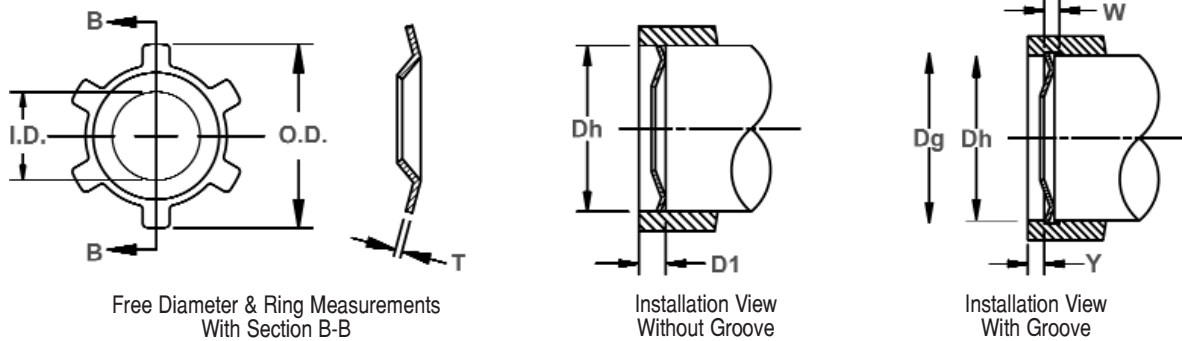


# Self-Locking, Internal "Push-On", Metric

The internal version of the TX with a curved inner rim and 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.

# DTI Housing Rings



| RING NO. | HOUSING DIAMETER |        | GROOVE SIZE DIMENSIONS |        |        | RING DIMENSIONS |            |                      |                | SUPPLEMENTARY DATA |             |      |      |
|----------|------------------|--------|------------------------|--------|--------|-----------------|------------|----------------------|----------------|--------------------|-------------|------|------|
|          |                  |        |                        |        |        | No. Of Prongs   | THICK-NESS | WEIGHT Per 1000 Pcs. | Min. Dis-tance | THRUST LOAD        | EDGE MARGIN |      |      |
|          |                  |        |                        |        |        |                 |            |                      |                |                    |             | I.D. | O.D. |
|          | Dh               | TOL.   | Dg                     | Tol.   | W Min. |                 |            |                      |                |                    |             |      |      |
| DTI-8.0  | 8,0              | +0,09  | 8,10                   | +0,060 | 0,4    | 4,0             | 8,25       | 6                    | 0,25           | 0,048              | 2,0         | 300  | 1,0  |
| DTI-10.0 | 10,0             | -0,00  | 10,10                  | +0,075 | 0,4    | 5,0             | 10,20      | 6                    | 0,25           | 0,068              | 2,0         | 350  | 1,0  |
| DTI-12.0 | 12,0             |        | 12,10                  |        | 0,4    | 6,0             | 12,25      | 6                    | 0,25           | 0,112              | 2,5         | 450  | 1,0  |
| DTI-14.0 | 14,0             |        | 14,10                  | 0,5    | 8,0    | 14,25           | 6          | 0,30                 | 0,172          | 2,5                | 500         | 1,0  |      |
| DTI-15.0 | 15,0             | +0,11  | 15,10                  | 0,5    | 9,0    | 15,25           | 6          | 0,30                 | 0,192          | 2,5                | 550         | 1,0  |      |
| DTI-16.0 | 16,0             | -0,00  | 16,15                  | 0,5    | 10,0   | 16,30           | 6          | 0,30                 | 0,206          | 2,5                | 600         | 1,5  |      |
| DTI-17.0 | 17,0             |        | 17,15                  | 0,5    | 11,0   | 17,30           | 8          | 0,30                 | 0,236          | 3,0                | 650         | 1,5  |      |
| DTI-18.0 | 18,0             |        | 18,15                  | 0,8    | 10,5   | 18,30           | 8          | 0,40                 | 0,380          | 3,0                | 700         | 1,5  |      |
| DTI-19.8 | 19,8             |        | 20,00                  | 0,8    | 11,0   | 20,20           | 8          | 0,50                 | 0,604          | 3,5                | 800         | 1,5  |      |
| DTI-20.0 | 20,0             |        | 20,20                  | 0,8    | 11,0   | 20,35           | 8          | 0,40                 | 0,512          | 3,5                | 800         | 1,5  |      |
| DTI-22.0 | 22,0             | +0,13  | 22,20                  | 1,0    | 13,0   | 22,35           | 8          | 0,50                 | 0,680          | 3,5                | 800         | 2,0  |      |
| DTI-25.0 | 25,0             | -0,00  | 25,20                  | 1,0    | 16,0   | 25,35           | 10         | 0,50                 | 0,810          | 3,5                | 800         | 2,0  |      |
| DTI-26.0 | 26,0             |        | 26,20                  | 1,0    | 17,0   | 26,40           | 10         | 0,50                 | 0,856          | 3,5                | 850         | 2,0  |      |
| DTI-28.0 | 28,0             |        | 28,20                  | 1,0    | 19,0   | 28,40           | 10         | 0,50                 | 0,922          | 3,5                | 850         | 2,0  |      |
| DTI-30.0 | 30,0             |        | 30,20                  | 1,0    | 21,0   | 30,40           | 8          | 0,50                 | 1,010          | 4,0                | 900         | 2,0  |      |
| DTI-32.0 | 32,0             |        | 32,20                  | 1,0    | 22,5   | 32,40           | 12         | 0,50                 | 1,210          | 4,0                | 900         | 2,0  |      |
| DTI-35.0 | 35,0             | +0,160 | 35,20                  | 1,0    | 25,0   | 35,40           | 12         | 0,50                 | 1,320          | 4,0                | 900         | 2,0  |      |
| DTI-40.0 | 40,0             | -0,00  | 40,20                  | 1,0    | 30,0   | 40,40           | 12         | 0,50                 | 1,720          | 4,0                | 950         | 2,0  |      |
| DTI-45.0 | 45,0             |        | 45,20                  | 1,0    | 35,0   | 45,40           | 12         | 0,50                 | 1,830          | 4,0                | 950         | 2,0  |      |
| DTI-46.0 | 46,0             |        | 46,20                  | 1,0    | 36,0   | 46,50           | 12         | 0,50                 | 1,870          | 4,0                | 1000        | 2,0  |      |
| DTI-50.0 | 50,0             |        | 50,20                  | 1,0    | 39,0   | 50,50           | 12         | 0,50                 | 2,160          | 4,0                | 1000        | 2,0  |      |

ALL DIMENSIONS IN MILLIMETERS.

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

| RING TYPE | SIZE RANGE  | HARDNESS |          |                 |
|-----------|-------------|----------|----------|-----------------|
|           |             | VICKERS  | ROCKWELL |                 |
|           |             |          | HRC      | LOWER SCALE*    |
| DTI       | 8-20***     | 435-530  | 44-51    | 82.5-86 HR15N** |
|           | 19.8, 22-50 | 435-530  | 44-51    | 82.5-86 HR15N   |

\*WHERE APPLICABLE

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

\*\*\*EXCLUDING DTI-19.8

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

| RING TYPE | SIZE RANGE  | HARDNESS |          |                 |
|-----------|-------------|----------|----------|-----------------|
|           |             | VICKERS  | ROCKWELL |                 |
|           |             |          | HRC      | LOWER SCALE*    |
| DTI       | 8-20***     | 450-520  | 45-50    | 83-85.5 HR15N** |
|           | 19.8, 22-50 | 450-520  | 45-50    | 83-85.5 HR15N   |

\*WHERE APPLICABLE

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

\*\*\*EXCLUDING DTI-19.8