# ONE-LOK ™ MODEL T-SLDE

## TANDEM WEDGE RESTRAINT FOR HIGH PRESSURE DUCTILE IRON PIPE

Project Name: | Contractor: | Date:

Engineer: | Spec Section:

## PRODUCT SPECIFICATIONS

**Material:**
Gland body, wedge inserts, break-off top actuating bolts are manufactured of high strength ductile iron in accordance with ASTM A536, Grade 65-45-12. Wedge inserts are heat-treated to a hardness of 370 BHN minimum.

**Pressure Rating:**
4"-16" 700 psi
18"-24" 400 psi
30"-48" 350 psi

**Factor of Safety:**
2:1

**Size Range:**
4"-48"

**Dimensions:**
Conform to ANSI/AWWA C111/A21.11 & ANSI/AWWA C153/A21.53 standards

**Deflection:**
5° for 4"-12", 2° for 14"-16", 1-1/2° for 18"-24" and 1° for 30"-48"

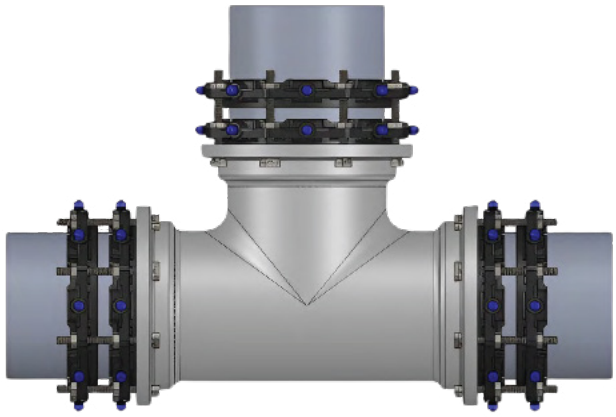
**Traceability:**
Gland body, wedge inserts and break-off top actuating bolts are individually cast with exact heat code information.

**Coating:**
Asphaltic black enamel
Electro-deposition "CORRSAFE™" available upon request. For further information, please refer to our CORRSAFE product information sheet.

**Installations:**
In accordance with manufacturer's recommendation and applicable AWWA standards.

## OPTIONAL SPECIFICATIONS

| | | |
|---|---|---|
| Gaskets | SBR (In accordance with ANSI/AWWA C111/A21.11) | ☐ |
| | EPDM | ☐ |
| | Neoprene | ☐ |
| | Nitrile | ☐ |
| | Other - Specify | ☐ |
| Coatings | Asphaltic Black Enamel | ☐ |
| | Electro-Deposition "CORRSAFE™" | ☐ |
| | Others- Specify | ☐ |
| Bolts & Nuts | High Strength, Low Alloy Steel (HSLA) (In accordance with ANSI/AWWA C111/A21.11) | ☐ |
| | Stainless Steel ☐ Type 304 ☐ Type 316 | ☐ |
| | Blue Fluoropolymer | ☐ |
| | Others- Specify | ☐ |



FM APPROVED

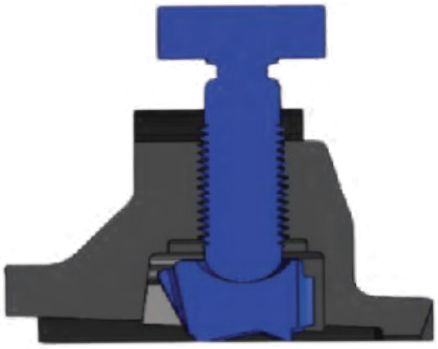
CLASSIFIED UL WATER QUALITY

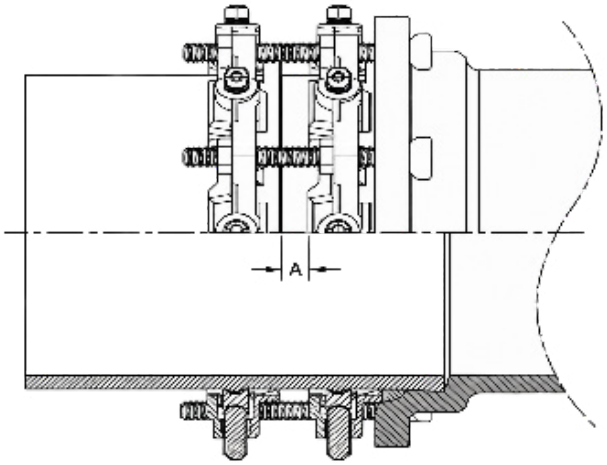
Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

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# ONE-LOK ™ MODEL T-SLDE

## TANDEM WEDGE RESTRAINT
## FOR HIGH PRESSURE DUCTILE IRON PIPE






## Dimensions in Inches, Weight in Pounds

| Nominal Pipe Size | Part # | Wgt/ Lbs | Pipe OD | Dim. "A" (IN) | Break-Off Bolts | | | T-Bolts &Nuts *** | | | | Pres. Rating |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | No | Size | Torque | Size (IN) | Qty | Size | Qty | |
| 4 | T-SLDE 4 | 13 | 4.80 | 1.0 | 4 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 4 | ¾ | 8 | 700 PSI |
| 6 | T-SLDE 6 | 20 | 6.90 | 1.0 | 6 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 6 | ¾ | 12 | 700 PSI |
| 8 | T-SLDE 8 | 29 | 9.05 | 1.0 | 8 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 6 | ¾ | 12 | 700 PSI |
| 10 | T-SLDE 10 | 46 | 11.10 | 1.0 | 12 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 8 | ¾ | 16 | 700 PSI |
| 12 | T-SLDE 12 | 58 | 13.20 | 1.0 | 16 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 8 | ¾ | 16 | 700 PSI |
| 14 | T-SLDE 14 | 79 | 15.30 | 1.0 | 20 | ⅞ | 80-90 ft-lbs | ¾ x 7 | 10 | ¾ | 20 | 700 PSI |
| 16 | T-SLDE 16 | 99 | 17.40 | 1.0 | 24 | ⅞ | 80-90 ft-lbs | ¾ x 9 | 12 | ¾ | 24 | 700 PSI |
| 18 | T-SLDE 18 | 121 | 19.50 | 1.0 | 24 | ⅞ | 80-90 ft-lbs | ¾ x 9 | 12 | ¾ | 24 | 400 PSI |
| 20 | T-SLDE 20 | 138 | 21.60 | 1.0 | 28 | ⅞ | 80-90 ft-lbs | ¾ x 9 | 14 | ¾ | 28 | 400 PSI |
| 24 | T-SLDE 24 | 207 | 25.80 | 1.0 | 32 | ⅞ | 80-90 ft-lbs | ¾ x 11 | 16 | ¾ | 48 | 400 PSI |
| 30 | T-SLDE 30 | 317 | 32.00 | 1.0 | 40 | 1 | 115-125 ft-lbs | 1 x 13 | 20 | 1 | 60 | 350 PSI |
| 36 | T-SLDE 36 | 469 | 38.30 | 1.0 | 48 | 1 | 115-125 ft-lbs | 1 x 13 | 24 | 1 | 72 | 350 PSI |
| 42 | T-SLDE 42 | 688 | 44.50 | 1.0 | 56 | 1 ¼ | 115-125 ft-lbs | 1 ¼ x 15 | 28 | 1 ¼ | 84 | 350 PSI |
| 48 | T-SLDE 48 | 912 | 50.80 | 1.0 | 64 | 1 ¼ | 115-125 ft-lbs | 1 ¼ x 15 | 32 | 1 ¼ | 96 | 350 PSI |

Notes:

Sigmaseal™ mechanical joint gaskets provided with each nominal restraint assemblies to accommodate the pressure ratings and applicable safety factors.

Threaded Rods are provided for sizes 24"-48" in place of T-Bolts