# ONE-LOK ™ MODEL SLDE

## WEDGE ACTION RESTRAINT FOR DUCTILE IRON PIPE

Project Name: | Contractor: | Date:

Engineer: | Spec Section:

## PRODUCT SPECIFICATIONS

**Material:**
Gland body, wedge inserts and 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:**
3"-16" 350 psi WWP
18"- 64" 250 psi WWP

**Factor of Safety:**
2:1

**Size Range:**
3" - 64"

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

**Deflection:**
5° on 3"- 12", 2° on 14" & 16", 1.5° on 18"- 30" and 1° on 36"- 64"

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

**Approvals:**
Underwriters Laboratories' listed in sizes 3"-36" and Factory Mutual approved in sizes 3"-12".

**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 (In accordance with ANSI/AWWA C111/A21.11) | ☐ |
| | Stainless Steel ☐ Type 304 ☐ Type 316 | ☐ |
| | Blue Fluoropolymer | ☐ |
| | Others- Specify | ☐ |



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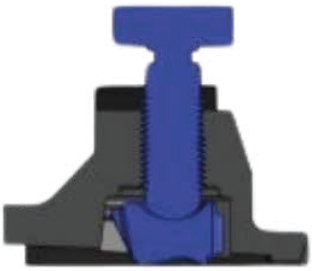
CLASSIFIED UL WATER QUALITY

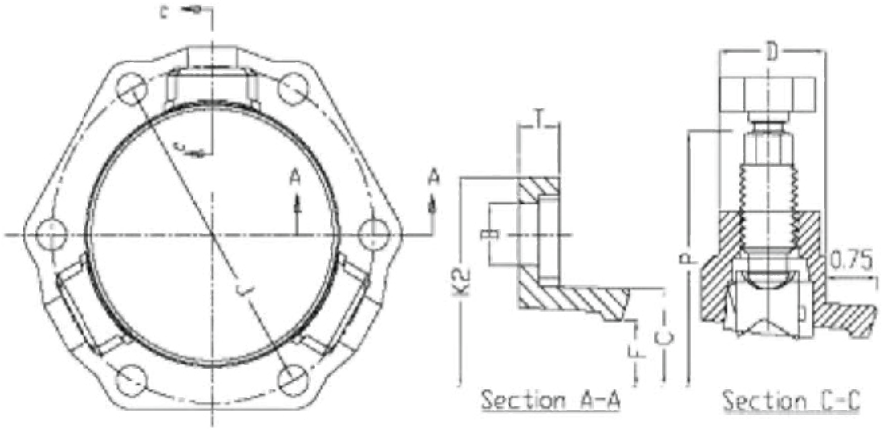
Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372

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# ONE-LOK ™ MODEL SLDE

## WEDGE ACTION RESTRAINT FOR DUCTILE IRON PIPE






## ONE-LOK™ Model SLDE for Ductile Iron

| Nom Pipe Size | Wgt | DI Pipe OD | Steel Pipe OD | Dimensions | | | | | | | | Bolts & Inserts | | | Pres. Rating | T-Bolts | | | Gasket |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | C | F | D | T | P* | B | J | K2 | | Size | Torq. | | No | Size | Torque | No |
| ☐ 3 | 5.50 | 3.96 | --- | 4.84 | 4.16 | 1.58 | 0.55 | 9.40 | 0.750 | 6.19 | 7.69 | 2 | ⅞ | 75-90 | 350 | 4 | ⅝ x 3.0 | 45-60 | 1 |
| ☐ 4 | 6.50 | 4.80 | 4.50 | 5.92 | 5.00 | 1.58 | 0.55 | 10.24 | 0.875 | 7.50 | 9.12 | 2 | ⅞ | 75-90 | 350 | 4 | ¾ x 3.5 | 75-90 | 1 |
| ☐ 6 | 10.00 | 6.90 | 6.625 | 8.02 | 7.10 | 1.58 | 0.60 | 12.34 | 0.875 | 9.50 | 11.12 | 3 | ⅞ | 75-90 | 350 | 6 | ¾ x 3.5 | 75-90 | 1 |
| ☐ 8 | 14.50 | 9.05 | 8.625 | 10.17 | 9.25 | 1.63 | 0.75 | 14.32 | 0.875 | 11.75 | 13.37 | 4 | ⅞ | 75-90 | 350 | 6 | ¾ x 4.0 | 75-90 | 1 |
| ☐ 10 | 23.00 | 11.10 | 10.75 | 12.22 | 11.30 | 1.58 | 0.85 | 16.54 | 0.875 | 14.00 | 15.62 | 6 | ⅞ | 75-90 | 350 | 8 | ¾ x 4.0 | 75-90 | 1 |
| ☐ 12 | 29.00 | 13.20 | 12.75 | 14.32 | 13.40 | 1.58 | 0.85 | 18.80 | 0.875 | 16.25 | 17.88 | 8 | ⅞ | 75-90 | 350 | 8 | ¾ x 4.0 | 75-90 | 1 |
| ☐ 14 | 39.60 | 15.30 | --- | 16.40 | 15.55 | 1.58 | 1.125 | 21.20 | 0.875 | 18.75 | 20.25 | 10 | ⅞ | 75-90 | 350 | 10 | ¾ x 4.5 | 75-90 | 1 |
| ☐ 16 | 49.67 | 17.40 | --- | 18.50 | 17.54 | 1.77 | 1.21 | 23.74 | 0.875 | 21.00 | 22.50 | 12 | ⅞ | 75-90 | 350 | 12 | ¾ x 4.5 | 75-90 | 1 |
| ☐ 18 | 60.33 | 19.50 | --- | 20.60 | 19.64 | 1.77 | 1.25 | 25.84 | 0.875 | 23.25 | 24.75 | 12 | ⅞ | 75-90 | 250 | 12 | ¾ x 4.5 | 75-90 | 1 |
| ☐ 20 | 69.00 | 21.60 | --- | 22.70 | 21.74 | 1.87 | 1.25 | 27.94 | 0.875 | 25.50 | 27.00 | 14 | ⅞ | 75-90 | 250 | 14 | ¾ x 5.0 | 75-90 | 1 |
| ☐ 24 | 103.67 | 25.80 | --- | 26.88 | 25.95 | 1.92 | 1.47 | 32.14 | 0.875 | 30.00 | 31.50 | 16 | ⅞ | 75-90 | 250 | 16 | ¾ x 5.0 | 75-90 | 1 |
| ☐ 30 | 158.67 | 32.00 | --- | 33.29 | 32.17 | 2.13 | 1.65 | 39.30 | 1.125 | 36.88 | 39.12 | 20 | 1.00 | 115-125 | 250 | 20 | 1 x 6.5 | 100-120 | 1 |
| ☐ 36 | 234.50 | 38.30 | --- | 39.59 | 38.47 | 3.15 | 1.75 | 46.07 | 1.125 | 43.75 | 46.00 | 24 | 1.00 | 115-125 | 250 | 24 | 1 x 6.5 | 100-120 | 1 |
| ☐ 42 | 344.00 | 44.50 | --- | 45.79 | 44.67 | 3.56 | 2.25 | 53.25 | 1.38 | 50.62 | 53.38 | 28 | 1 ¼ | 115-125 | 250 | 28 | 1 ¼ x 8.0 | 120-150 | 1 |
| ☐ 48 | 456.00 | 50.80 | --- | 52.09 | 50.97 | 3.81 | 2.25 | 59.55 | 1.38 | 57.5 | 60.26 | 32 | 1 ¼ | 115-125 | 250 | 32 | 1 ¼ x 8.0 | 120-150 | 1 |
| ☐ 54 | 1045.00 | 57.56 | --- | 58.85 | 57.73 | 6.00 | 4.50 | 70.43 | 1.375 | 63.20 | 67.50 | 18 | 1 ½ | 400 +/- 5 | 250 | 36 | 1 ¼ x 11.0 | 120-150 | 1 |
| ☐ 60 | 1136.00 | 61.61 | --- | 62.90 | 61.78 | 6.00 | 4.50 | 74.52 | 1.375 | 67.72 | 72.00 | 18 | 1 ½ | 400 +/- 5 | 250 | 36 | 1 ¼ x 11.0 | 120-150 | 1 |
| ☐ 64 | 1258.00 | 65.67 | --- | 66.96 | 65.84 | 6.00 | 4.50 | 78.68 | 1.375 | 71.86 | 76.00 | 19 | 1 ½ | 400 +/- 5 | 250 | 38 | 1 ¼ x 11.0 | 120-150 | 1 |

**Notes:**

*ONE-LOK SLDE was previously referred to as model SLD.*
*P* Dim shows OD after head is broken/removed.*
*SLDE 4" - 12" can be used on Steel Pipe - Sch 40 & above with Transition Gasket.*
*Sizes 3"-12" is approved for thinnest class of DI pipe.*

*Sizes 3" - 14" are UL listed for 350 psi on DI Pipe*
*Sizes 16" are UL listed for 300 psi on DI Pipe*
*Sizes 18" - 30" are UL listed for 250 psi on DI Pipe*
*Sizes 36" are UL listed for 200 psi on DI Pipe*
*Sizes 42" and 48" are pressure rated at 250 psi on DI Pipe*
*Sizes 54", 60" and 64" are pressure rated at 250 psi on DI Pipe*
*Sizes 4" - 12" are FM approved for 175 psi on DI Pipe*

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CLASSIFIED UL WATER QUALITY

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

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