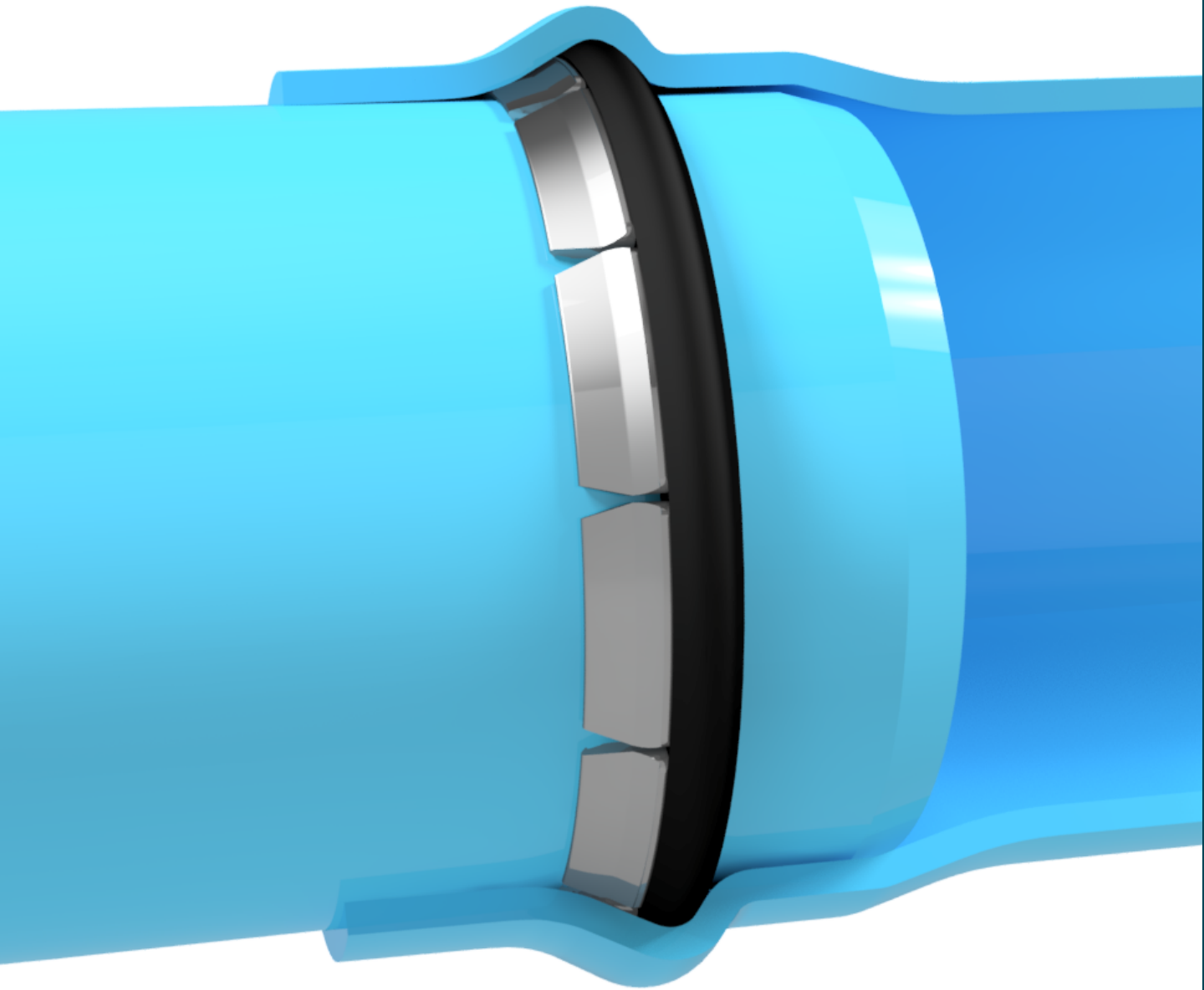


## All-in-One Restraint and Sealing Solution for Anger Type Joints



Twelve metal segments engineered to deliver the right balance between gripping and ease of installation provide thrust restraint without requiring thrust blocks, resulting in savings of material and labor thanks to reduced components and assembly time.

Turner Lock® CIOD

## Material Information

- SBR synthetic rubber compound
- Rubber hardness: 55±5 Shore A
- EPDM and NBR synthetic rubber compounds available.
- Metal inserts made of stainless steel

## Special Features

- Suitable for bell-end PVC U, O, M, I and A pipes for making joints under AWWA C900 & C909
- Can be customized to work with ductile iron pipes and fittings

## Standards Compliance

- ASTM D3139 in combination with a compliant pipe
- ASTM F477 requirements for High-Head application (HH)
- NSF 61/NSF 14/ANSI/CSA B137

## Joint Requirements

- Applying water is recommended to facilitate seal installation
- Pipe joints shall conform to applicable industry standards.
- Spigot end must be chamfered with a 15° angle and edges should be rounded to ensure a proper joint assembly.
- Lubricant is required for joint assembly.

## Quality Assurance

- Quality system: ISO 9001:2015
- Rubber laboratory accreditation: ISO/IEC 17025:2005

## Marking and Labels

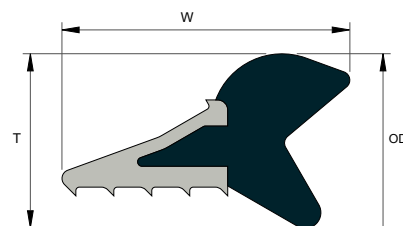
### May include, but not limited to:

- Product name
- Size & sizing standard
- Date and place of manufacturing
- Material designation
- Patent information

## Testing

- The joint assembly shall be tested according to ASTM D3139 and F1674.

## Basic Dimensions



### Basic Dimensions of Available Sizes (mm) \*

Size (in)	ØOD	Width W	Height T
4	146.0 ±0.8	27.4 ±0.4	16.3 ±0.3
6	205.1 ±1.0	32.2 ±0.6	19.6 ±0.3
8	262.0 ±1.3	34.7 ±0.6	21.0 ±0.3
10	322.2 ±1.6	43.8 ±0.8	26.4 ±0.4
12	376.8 ±1.9	44.6 ±0.8	27.0 ±0.4

\* Other sizes can be developed upon request



ISO 9001:2015 - ISO/IEC 17025:2005



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Product Meets:



C900  
C909



F477  
D3139



NSF 61