

# Kor-N-Seal<sup>®</sup> I

## Stainless Steel Wedge Connector

### Installation Instructions

#### Connector Installation

1. Check to be sure the Stainless Steel Waveband<sup>®</sup> is properly located in Connector groove.
2. Inspect the inside surface of the cored hole. If there is porosity or wire-to-concrete separation, use patching or hydraulic cement to smooth the surface.
3. Insert Connector Assembly into hole with Wedge Expander at top of hole.
4. Position Connector so it is square to manhole both vertically and horizontally.
5. Tighten Wedge Expander using 1/2" socket wrench and preset torque limiter to 12 foot pounds. Check calibration of torque limiter monthly.
6. Retorquing prior to shipment is recommended but not required.

#### Pipe Installation

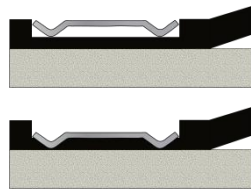
1. Be sure sealing area of pipe is smooth and free of defects. Repair if needed.
2. Center pipe in Connector opening.  
**(Pipe must not rest on Connector Korband)**
3. Position the Pipe Clamp in the Connector's Pipe Clamp groove with the screw at the top.
4. Tighten the Pipe Clamp screw to 60 inch pounds with a T-handle Torque Wrench, P/N 80090.

Note: On minimum pipe O.D. installations, lift the rubber up underneath the Pipe Clamp screw so that the Connector contacts the bottom surface of the pipe while the Pipe Clamp screw is being tightened. Application of pipe lubrication on the underside of the clamp will also help ensure that an even contraction of rubber is maintained throughout the clamping area.

Caution: Do not use impact wrench for installation. All pipe stubs must be restrained.

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*Patented Waveband technology "captures" the rubber between itself and the concrete, creating a more effective seal.*



Using Corrugated Pipe:

Adapters are required when using Corrugated Pipe.

Refer to the Corrugated Pipe Adapter Data Sheet for details.

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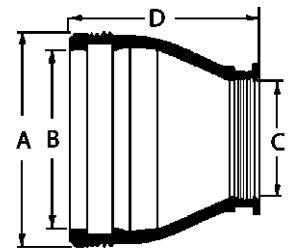
\*Covered under US Patent No.: 5,738,359

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### Sizing Chart

Kor-N-Seal Connector P/N	Suggested Pipe O.D. Range	Hole Size Range		Connector Dimensions				Pipe Clamp P/N
		A		B	C	D		
S406-10AWS	6.00 -- 6.75	10.00	10.20	8.30	6.50	6	I-128	
S406-10WS	7.50 8.200	10.00	10.20	8.30	8.50	6	I-180	
S406-10.5AWS	6.00 6.75	10.50	10.70	8.80	6.50	6	I-128	
S406-10.5WS	7.50 8.70	10.50	10.70	8.80	8.50	6	I-180	
S406-11BWS	6.00 7.00	11.00	11.20	9.30	6.00	6	I-128	
S406-11AWS	7.50 9.00	11.00	11.20	9.30	8.00	6	I-180	
S406-12CWS	6.00 7.00	12.00	12.20	10.30	6.50	6	I-128	
S406-12BWS	6.25 7.50	12.00	12.20	10.30	7.00	6	I-128	
S406-12AWS	7.50 9.00	12.00	12.20	10.30	8.50	6	I-180	
S406-12WS	9.00 10.20	12.00	12.20	10.30	10.00	6	I-180	
S106-12BWS	5.75 7.00	12.00	12.20	10.30	6.50	8	I-128	
S106-12AWS	7.00 8.50	12.00	12.20	10.30	8.00	8	I-180	
S106-12WS	8.25 9.75	12.00	12.20	10.30	9.25	8	I-180	
S106-14AWS	9.50 11.25	14.00	14.20	12.25	10.50	8	I-190	
S106-16BWS	9.50 11.25	15.95	16.15	14.30	10.50	8	I-190	
S106-16AWS	11.25 13.00	15.95	16.15	14.30	12.25	8	I-218	
S106-16WS	13.00 14.20	15.95	16.15	14.30	14.00	8	I-242	
S106-20BWS	14.00 15.50	19.95	20.10	18.25	15.00	8	I-306	
S106-20AWS	15.50 17.00	19.95	20.10	18.25	16.50	8	I-306	
S106-20WS	17.00 18.15	19.95	20.10	18.25	18.00	8	I-306	



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