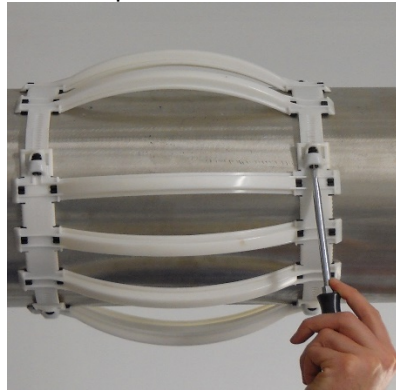


## Application

A completely non-corroding, non-metallic bow spring casing spacer and centralizer for vertical and horizontal pipe-in-pipe (PIP) and open bore applications such as production wells, wastewater and sewer pipelines, slip lining and cased crossings. Suitable for all vertically installed pipe materials and light to medium weight horizontally installed carrier pipe materials. Will fit diameters from 4.33" OD to greater than 63" OD by addition of multiple segments. For horizontally installed heavy carrier pipe materials and diameters greater than 14" in non-grouted, pressure installations the kwik-ZIP<sup>®</sup> HDX or HDXT Series is recommended.

## Construction & Features

- Made from ACETAL POM engineering thermoplastic with high flexural strength, high temperature resistance, low co-efficient of friction, abrasion resistance and outstanding chemical resistance.
- Integrated rubber grip pads under collars to prevent slippage. No requirement to pre-wrap pipe.
- Requires only a flat blade screwdriver for installation.
- Load sharing bow spring system allowing heavy loads to be shared across multiple bows reducing point loading and increasing the overall load capacity of the spacer.
- The flexible bows can deflect under force to pass minor obstructions in the borehole.



## Models

Model	Runner (Bow) Height	Part #	Operating Temp (Deg F)	Recommended for use on Pipe Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
HD 30	1 3/16"	00992	- 4 F to 176 F (temperatures above 122 F may require closer intervals)	4" NPS & greater (consider the HDX or HDXT for pipe dia greater than 14")	30	13.78" x 13" x 14.57"	18.43 lbs
HD 50	2"	00991			30	13.78" x 13" x 14.57"	18.69 lbs
HD 75	3"	00993			30	13.78" x 13" x 14.57"	20.41 lbs
HD 100	4"	00100			30	17.32" x 13" x 14.57"	22.55 lbs

## Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2005 Products for use in contact with drinking water.
- Complaint with lead free requirements of Section 1417 of the US Safe Water Drinking Act.

<b>Notes:</b>	<b>Submitted By:</b>
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