

# HD Series - Vertical



## Application

A non-corroding, non-metallic heavy duty bow spring centralizer for vertical applications such as production wells, gravel packed well screens, pump torque arrestor, water well casing, coal seam methane casing, pump riser/submersible pump installation, and piling and is suitable for all pipe materials including PVC, Poly, Stainless Steel, Fibreglass and GRP, etc. Will fit diameters from 110mm OD (4.33") to greater than 1600mm OD (63") by addition of multiple segments.

## Construction & Features

- Made from Kwik-ZIP's modified Acetal (POM) engineering thermoplastic blend 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.
- 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.
- Requires only a flat blade screwdriver for installation.



## Models

Model	Runner (Bow) Height	Part #	Operating Temp (Deg C / F)	Recommended for use on Pipe Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
HD 30	30mm / 1 3/16"	00992	- 20 C to 80 C - 4 F to 176 F in certain applications (temperatures above 50 C / 122 F may require closer intervals)	101mm / 4" NPS & greater (consider the HDX or HDXT for pipe dia greater than 355mm / 14")	30	350mm x 330mm x 370mm 13.78" x 13" x 14.57"	8.36 Kg / 18.43 lbs
HD 50	50mm / 2"	00991			30	350mm x 330mm x 370mm 13.78" x 13" x 14.57"	8.48 Kg / 18.69 lbs
HD 75	75mm / 3"	00993			30	350mm x 330mm x 370mm 13.78" x 13" x 14.57"	9.26 Kg / 20.41 lbs
HD 100	100mm / 4"	00100			30	440mm x 330mm x 370mm 17.32" x 13" x 14.57"	10.25 Kg / 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



## Sizing Table - HD Series

Nominal Pipe Size (NPS)	OD of Pipe (mm)	OD of Pipe (Inches)	Suggested Number of Segments	Approx Setting Guide Position
	110	4.33	2	0
4	114.30	4.50	2	15
4.5	127.00	5.00	2	30
5	141.30	5.563	2	55
	160	6.30	2	85
6	168.27	6.625	3	5
	180	7.09	3	20
	200	7.87	3	40
8	219.08	8.625	3	65
	250	9.84	4	25
10	273.05	10.75	4	45
12	323.85	12.75	4	80
14	355.60	14.00	5	50
16	406.40	16.00	6	35
18	457.20	18.00	6	65
20	508.00	20.00	7	55
24	609.60	24.00	8	65
	650	25.59	9	50
	710	27.95	9	70
	800	31.50	10	75
	900	35.43	12	60
	1000	39.37	13	65
	1100	43.30	14	70
	1200	47.24	17	45

Please refer to the relevant product series installation guide for additional information

