HDXT SIZE TABLE & SETTING GUIDE

NPS (ASME)	*Carrier Pipe OD (mm)	*Carrier Pipe OD (inch)	Recommended # Segments	Banding	Approx Setting Guide Position
	300.00	11.81	3		15
12	323.85	12.75	3		40
14	355.60	14.00	3		70
	400.00	15.75	4		15
16	406.40	16.00	4		20
	426.00	16.77	4		35
18	457.00	17.99	4		60
	500.00	19.69	5		15
20	508.00	20.00	5		20
22	560.00	22.05	5		50
24	610.00	24.02	6		20
26	660.00	25.98	6		40
28	711.20	28.00	7		15
30	762.00	30.00	7		35
	800.00	31.50	8		15
	826.00	32.52	8		20
	900.00	35.43	8		50
36	914.00	35.98	8		55
	1000.00	39.37	9		45
42	1066.80	42.00	10	Yes	30
44	1117.60	44.00	10	Yes	45
48	1219.20	48.00	11	Yes	45
52	1320.80	52.00	12	Yes	40
	1400.00	55.12	13	Yes	30
	1564.00	61.57	14	Yes	45
	1600.00	62.99	15	Yes	30
	1668.00	65.67	16	Yes	20
	1800.00	70.87	17	Yes	25
	1900.00	74.80	18	Yes	20
	2000.00	78.74	19	Yes	20
	2200.00	86.61	20	Yes	35
	2500.00	98.43	23	Yes	30
	3000.00	118.11	27	Yes	40
Contact kwik-ZIP for carrier pipe diameters greater than 3000 mm OD					

*** For PE Pipe refer to the nearest Carrier Pipe OD.**

For pipe greater than 1000mm OD, or if the carrier pipe surface is slippery, it is recommended that 12mm stainless steel worm drive banding be considered for application over the collars. Contact kwik-ZIP for further information.

HDXT Spacers are generally suitable for heavy pipe run lengths up to 300m (approx. 1,000 ft) in good condition casings. Longer run lengths may be possible with casing lubrication, banding, and/or closer spacer intervals. Contact kwik-ZIP for further advice.

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INERT CENTRALIZER & SPACER SYSTEMS
FOR THE DRILLING & CIVIL CONSTRUCTION INDUSTRY

INSTALLATION GUIDE

HDXT SPACERS

FOR LARGE DIAMETER AND HEAVY PIPE IN PIPE APPLICATIONS SUCH AS SLIP LINING, CASED CROSSINGS, ETC.

IMPORTANT: PLEASE READ IN FULL BEFORE INSTALLATION

www.kwikzip.com

Issue Date: Nov 2025

PRODUCT SELECTION GUIDE

The table below shows Model details, Part # and maximum operating temperatures:

Model & (Runner Height)	Part #	Max Operating Temp (Deg C/F)	Recommended for use on Pipe Diameter:
HDXT 43: (1.69 " / ~ 43mm)	00002	- 20 C to 80 C (- 4 F to 176 F) (**HDXT Hi Load Inserts should be used for service temperatures above 50 C / 122 F)**	300 mm (11.81") OD & greater
HDXT 58W: (2.28" / ~ 58mm) **	00014		
HDXT 63: (2.48" / ~ 63mm)	00004		
HDXT 78W: (3.07" / ~ 78mm) **	00020		
HDXT 103: (4.05" / ~ 103mm)	00006		
HDXT 153: (6.02" / ~ 153mm)	00008		

** **Compatible with the *kwik-ROLLER*® clip on wheel accessory**

HDXT Spacers are made with rubber grip pads under the collars to prevent slippage on the pipe, however banding of collars with 12mm stainless steel worm drive banding may be required in certain circumstances.

HDXT Spacer runners incorporate a load sharing suspension system allowing heavy loads to be shared across multiple runners, thereby reducing point loading and increasing the overall load capacity of the spacer.

Selecting Model (Runner Height): The HDXT Model # corresponds to the runner height. To select the correct runner height, calculate the annular clearance between the inner pipe and the outer casing (assuming centralisation in the casing). The annular clearance is half the difference between the outer casing ID and the inner pipe OD.

For ease of insertion it is recommended that the selected runner height is at least 10mm (0.3937") less than the annular clearance. The runner height should also be at least 15mm (0.59") greater than the height of the bell.

Different casing positions can be achieved by combining different runner heights in the same spacer, including centred, or restrained. Contact kwik-ZIP if assistance is required.

Spacer Interval: Subject to project specifications and confirmation of carrier pipe weight, recommended maximum intervals for heavy weight pipe (including fluid weights), including (MSCL) up to 1750 OD are shown in the table below:

Carrier Pipe OD (mm)	Typical Maximum Interval (Centre to Centre)
FROM 300MM (11.81") TO 750MM (29.53")	2.0 M / 6.56 FT
FROM 750MM (29.53") TO 1100MM (43.31")	1.5 M / 4.92 FT
FROM 1100MM (43.31") TO 1750MM (68.90")	1.0 M / 3.28 FT

Intervals of 1m may be required on gravity sewers to comply with prevailing codes and standards.

A spacer should also be placed within 500mm (20") of each end of the pipe. For pipe diameters greater than 1750mm OD, please contact kwik-ZIP for further advice.

If installing on heavy weight pipe with an annular clearance of greater than 300mm (11.81") (more than 600mm (23.62") difference between inner pipe OD and casing ID), contact kwik-ZIP for confirmation of the interval between spacers.

INSTALLATION INSTRUCTIONS

The table on the back page of this guide indicates the number of HDXT Spacer segments required to make each complete spacer and the approx. setting position for various pipe diameters.

Step 1. When you have established the appropriate setting guide position (see table on rear page), place the segments on a flat surface and insert the male section of each segment into the mouth of the screw housing on the next segment as indicated by the arrows (Fig. 1).

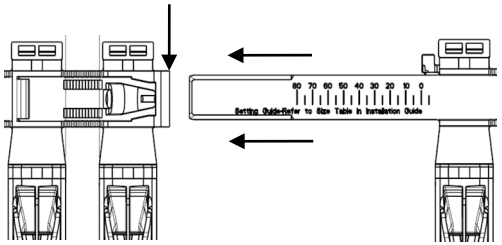


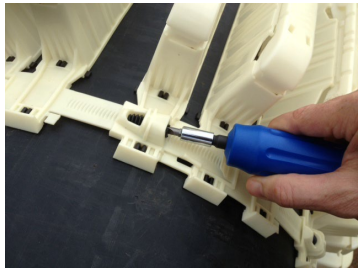
Fig. 1

Step 2. Line up the leading edge of each screw housing (Fig 1.) with the appropriate number on the Setting Guide.

Step 3. Once all segments are set, they can be wrapped around the pipe and the final joints can be fastened. This method allows the centralizer to be made up mostly by hand. Alternatively a cordless drill with screw driver attachment can be used provided care is taken not to over torque the screws.

All screws must be tightened and always tighten the screws underneath the pipe last as this will provide greater tension and better grip.

A flat screwdriver of approx. 8mm ($^5/_{16}$") is used to tighten the screws once the segments are fixed to the pipe.



Important Notes:

- ***Do not over tension the screws as this may cause damage to the thread. Maximum torque of 10 inch-lbs (1.13Nm) is recommended.***
- ***Care must be taken to support the pipe outside the casing during horizontal applications as unsupported pipe can lead to excess loads on the spacers.***

kwik-ZIP® products should not be exposed to a naked flame or sparks from welding. Failure to shield the product whilst welding may result in damage.

Conditions of Sale and Use / Warranty:

Due to the varying conditions and applications for which kwik-ZIP products are used, neither kwik-ZIP Pty Ltd or kwik-ZIP Marketing Pty Ltd (collectively, kwik-ZIP) offer any warranty for the products suitability for any particular purpose. Accordingly, the Purchaser is deemed to have assessed the suitability of the goods for the intended application and to the extent permitted by law, liability of kwik-ZIP for breach of any implied, express, or statutory warranty or condition which cannot be excluded is restricted, at kwik-ZIP's option, to:

i) The replacement of goods found to be defective in material and workmanship; or

ii) The payment of the cost of having such goods replaced;

Replacement of or payment for such goods is subject the goods being returned to us within 12 months of shipment by kwik-ZIP.

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