155 Series

Application

A non-metallic bow spring centralizer for applications such as gravel packed screens, water well casing, monitor wells, drop pipe, and pump installation plus Ground Engineering related applications such as piles, soil nails, anchors and sheathing installations. This model will fit casing and sheathing diameters from 58mm OD (2.28”) to in excess of 180mm OD (8”), and is available in three bow heights of 20mm (0.78”), 30mm (1.18”), and 50mm (2”).



Construction & Features

- Made from Kwik-ZIP’s engineered thermoplastic blend with high flexural strength, high temperature resistance, low co-efficient of friction, abrasion resistance and outstanding chemical resistance.
- Flexible bow able to deflect to handle tight annulus settings.
- The flexible bows can deflect under force to pass minor obstructions in the borehole.
- Larger diameters are accommodated by joining additional segments.
- A 155 Series setting tool is required for assembly.





Model	Runner (Bow) Height	Part #	Operating Temp (Deg C / F)	Recommended for use on Pipe/Nail Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
155 HT-C	20mm / 0.78”	09810	- 20 C to 80 C - 4 F to 176 F in certain applications (temperatures above 50 C / 122 F may require closer intervals)	58mm OD- 180mm OD 2.28” OD- 7.09” OD	30	254mm x 205mm x 210mm 10” x 8.1” x 8.3”	1.7 Kg / 3.96 lbs
155 HT-D	30mm / 1.18”	09988			30	260mm x 205mm x 210mm 10.3” x 8.1” x 8.3”	1.7 Kg / 3.96 lbs
155 HT-E	50mm / 2”	09865			30	284mm x 205mm x 210mm 11.2” x 8.1” x 8.3”	1.7 Kg / 3.96 lbs
155 Series Setting Tool	-	09940	-	-	1	485mm x 150mm x 58mm 19.1” x 5.9” x 2.3”	1.5 Kg / 3.3 lbs

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act.











Sizing Table - 155 Series

Outside Dia of Casing mm (Inches)	Number of Segments	Approx Setting Guide Position
58 (2.28)	2	0
60 (2.362)	2	5
70 (2.756)	2	15
80 (3.150)	2	35
88.9 (3.50)	3	0
90 (3.543)	3	0
100 (3.937)	3	10
110 (4.331)	3	20
120 (4.724)	3	30
130 (5.118)	3	40
140 (5.512)	3	50
150 (5.905)	4	25
160 (6.299)	4	40
170 (6.693)	4	40
180 (7.087)	4	45

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

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GT Series

Application

A non-metallic bow spring centralizer for applications such as soil nails, rock bolts, anchors, sheathing, small diameter drop pipe, down hole cameras, geophysical tools and other data collection devices. Adjustable diameters to fit 18mm OD (0.70”) up to 76mm OD (3”) and five models to suit numerous ID-OD combinations.











Construction & Features

- Made from Kwik-ZIP’s engineered thermoplastic blend with high flexural strength, high temperature resistance, low co-efficient of friction, abrasion resistance and outstanding chemical resistance.
- Curved and wide bow profile for easy insertion.
- Simple integrated cable tie method of assembly. No special tool required for installation.
- The flexible bows can deflect under force to pass minor obstructions in the borehole.
- Larger diameters are accommodated by joining additional segments.

Models

Model	Runner (Bow) Height	Part #	Operating Temp (Deg C / F)	Recommended for use on Pipe/Nail Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
GT 10-1	10mm / 0.39”	00987	- 20 C to 80 C - 4 F to 176 F in certain applications (temperatures above 50 C / 112 F may require closer intervals)	18mm OD – 65mm OD 0.70” OD – 2.56” OD	100	265mm x 140mm x 210mm 10.43” x 5.51” x 8.27”	1.45 Kg / 3.19 lbs
GT 20-1	20mm / 0.78”	00989			100	288mm x 184mm x 178mm 11.34” x 7.25” x 7”	1.67 Kg / 3.67 lbs
GT 30-1	30mm / 1.18”	00988			100	339mm x 184mm x 218mm 13.35” x 7.25” x 8.58”	2 Kg / 4.4 lbs
GT 40-1	40mm / 1.57”	00990			100	358mm x 184mm x 260mm 14.10” x 7.25” x 10.24”	2.69 Kg / 5.92 lbs
GT 80-1	80mm / 3.15”	00986		24mm OD – 76mm OD 0.94” OD – 3” OD	100	540mm x 320mm x 320mm 21.2” x 12.60” x 12.60”	7 Kg / 15.43 lbs

Compliance

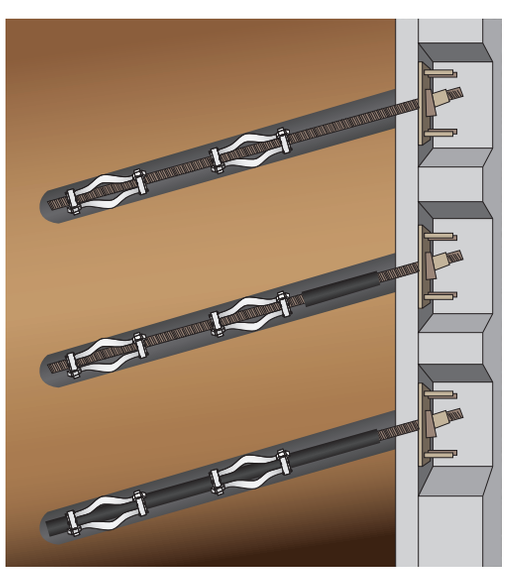
- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act.











Sizing Table - GT Series (GT-10, 20, 30 & 40)

Approx Bar / Pipe Dia (mm)	Units per Centralizer
18mm - 29mm (0.70 inch - 1.14 inch)	2
29mm - 46mm (1.14 inch - 1.81 inch)	3
46mm - 65mm (1.81 inch - 2.56 inch)	4
Over 65mm (Over 2.56 inch)	Use 155 HT Series

Important: Check pre-assembled centralizer against bar diameter before tightening collar straps.

Sizing Table – GT-80

Approx Bar / Pipe Dia (mm)	Units per Centralizer
24mm - 35mm (0.94 inch - 1.38 inch)	2
35mm - 57mm (1.38 inch – 2.24 inch)	3
57mm - 76mm (2.24 inch - 3 inch)	4

Note – The bow height of the GT 80 can be increased from 80mm to 100mm by compressing the collars closer together and taping around the bar/pipe to prevent the collars from returning to their normal position.

Important: Check pre-assembled centralizer against bar diameter before tightening collar straps.

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HD Series - Horizontal

Application

A non-corroding, non-metallic heavy duty bow spring casing spacer for horizontal pipe-in-pipe (PIP) and open bore applications such as wastewater and sewer pipelines, slip lining and cased crossings. Suitable for light to medium weight carrier pipe materials including steel, ductile, MSCL, GRE, PVC, and HDPE. Will fit diameters from 110mm OD (4.33”) to greater than 1600mm OD (63”) by addition of multiple segments.

For heavy carrier pipe materials and diameters greater than 355mm (14”) in non-grouted, pressure installations the kwik-ZIP® HDX or HDXT Series is recommended.








Construction & Features

- Made from Kwik-ZIP’s engineered 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. No requirement to pre-wrap pipe.
- 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

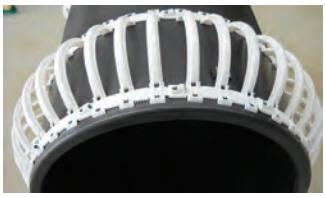
Model	Runner (Bow) Height	Part #	Operating Temp (Deg C / F)	Recommended for use on Pipe Diameter	Units per carton	Carton Dimensions (L x W x H)	Gross Carton Weight
HD 30	30mm / 1 3/16”	00992	- 20 C to 80 C - 4 F to 176 F in certain applications (temperatures above 50 C / 122 F may require closer intervals)	110mm / 4” NPS & greater (consider the HDX or HDXT for pipe dia greater than 355mm / 14”)	30	325mm x 325mm x 375mm 12.8” x 12.8” x 14.8”	8.36 Kg / 18.43 lbs
HD 50	50mm / 2”	00991			30	340mm x 325mm x 375mm 13.4” x 12.8” x 14.8”	8.48 Kg / 18.69 lbs
HD 75	75mm / 3”	00993			30	385mm x 325mm x 375mm 15.1” x 12.8” x 14.8”	9.26 Kg / 20.41 lbs
HD 100	100mm / 4”	00100			30	460mm x 325mm x 375mm 18.1” x 12.8” x 14.8”	10.25 Kg / 22.55 lbs

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act
- Compliant with WSAA Product Specification # 324 – Casing Spacers.
- Approved by MRWA and SEQ IPAM..





Sizing Table - HD Series - Horizontal

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	3	0
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	**5	80
14	355.60	14.00	**6	50
16	406.40	16.00	**7	35
18	457.20	18.00	**8	65
20	508.00	20.00	**8	55
24	609.60	24.00	**10	65
	650	25.59	**11	50
	710	27.95	**12	70
	800	31.50	**14	75
	900	35.43	**15	60
	1000	39.37	**17	65
	1100	43.30	**19	70
	1200	47.24	**20	45

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

For pipe installed in the horizontal position, (e.g. Cased Crossings), it is recommended that the No. of bows be maximised to enable the highest load capacity per spacer.

Use the following formula to calculate the No. of segments per spacer for such pipe:

No. of Segments = [Pipe OD (mm) x 3.1428] ÷ 180. (Round the result down to nearest whole number).

Spacer intervals of 2m (approx. 6ft) are generally suitable for light weight pipe up to 300mm NPS (12" NPS).

**For heavy weight or large diameter carrier pipes installed in the horizontal position, kwik-ZIP's heavier duty HDX or HDXT Series spacer models should be considered, especially if the pipeline annulus will not be grouted after installation.





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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 engineered 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)	110mm / 4” NPS & greater	30	325mm x 325mm x 375mm 12.8” x 12.8” x 14.8”	8.36 Kg / 18.43 lbs
HD 50	50mm / 2”	00991			30	340mm x 325mm x 375mm 13.4” x 12.8” x 14.8”	8.48 Kg / 18.69 lbs
HD 75	75mm / 3”	00993			30	385mm x 325mm x 375mm 15.1” x 12.8” x 14.8”	9.26 Kg / 20.41 lbs
HD 100	100mm / 4”	00100			30	460mm x 325mm x 375mm 18.1” x 12.8” x 14.8”	10.25 Kg / 22.55 lbs

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act











Sizing Table - HD Series - Vertical

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	3	0
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





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HDX Series

Application

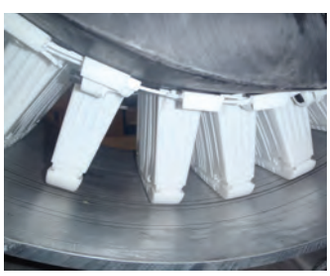
A non corroding, non-metallic casing spacer for Pipe-in-Pipe (PIP) applications such as slip lining and cased crossings for all medium to heavy weight pipe materials including steel, DICL, MSCL, GRE, PVC and HDPE. Suitable for all diameters from 100mm OD to 1600mm OD and beyond by addition of multiple segments.













Construction & Features

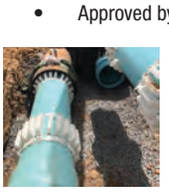
- Made from Kwik-ZIP's engineered thermoplastic blend with high flexural strength, high temperature resistance, low co-efficient of friction, abrasion resistance and outstanding chemical resistance.
- Integrated rubber grip pads under collars to prevent slippage. No requirement to pre-wrap pipe.
- Load sharing suspension system allowing heavy loads to be shared across multiple runners reducing point loading and increasing the overall load capacity of the spacer.
- Minimizes spacer weight bearing capacity and reduces point loading via a unique load sharing runner system.
- Ability to combine different runner heights in the same spacer ring to assist in borehole grade correction.
- Larger diameters are accommodated by joining additional segments.
- Requires only a flat blade screwdriver for installation.

Models

Model	Runner 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
HDX 38	38mm / 1 ½"	00038	- 20 C to 80 C - 4 F to 176 F in certain applications (temperatures above 50 C / 122 F may require closer intervals)	100mm OD & greater	20	370mm x 350mm x 300mm 14.6" x 13.8" x 11.8"	11 Kg / 24.2 lbs
HDX 65	65mm / 2.56"	00065			20	370mm x 350mm x 330mm 14.6" x 13.8" x 12.9"	13 Kg / 28.6 lbs
HDX 90	90mm / 3.54"	00090			20	370mm x 350mm x 365mm 14.6" x 13.8" x 14.4"	14.6 Kg / 32.1 lbs
HDX 125	125mm / 4.92"	00125			20	370mm x 350mm x 405mm 14.6" x 13.8" x 15.9"	17 Kg / 37.4 lbs

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act.
- Compliant with WSAA Product Specification # 324 – Casing Spacers.
- Approved by MRWA and SEQ IPAM.













Size table

NPS	Pipe OD (mm)	Pipe OD (inches)	Recommended # Segments	Banding Recommended	Approx Setting Guide Position
3.5	101.60	4.00	2		0
4	114.30	4.50	2		20
4.5	127.00	5.00	2		40
5	141.30	5.56	2		65
	150.00	5.91	3		5
	160.00	6.30	3		15
	168.27	6.62	3		20
	180.00	7.09	3		30
	200.00	7.87	3		55
8	219.08	8.63	4		10
	240.00	9.45	4		25
	250.00	9.84	4		35
10	273.05	10.75	5		10
12	323.85	12.75	5		40
14	355.60	14.00	6		25
16	406.40	16.00	7		20
18	457.20	18.00	8		20
20	508.00	20.00	9		20
22	558.00	21.97	10		15
24	609.60	24.00	11		15
26	660.40	26.00	12		15
28	711.20	28.00	12		25
30	762.00	30.00	13		25
32	812.80	32.00	14	Yes	20
34	863.60	34.00	14	Yes	30
36	914.40	36.00	15	Yes	30
40	1016.00	40.00	17	Yes	30
42	1066.80	42.00	18	Yes	30
44	1117.60	44.00	19	Yes	30
46	1168.40	46.00	20	Yes	30
48	1219.20	48.00	21	Yes	30
52	1320.80	52.00	22	Yes	35
56	1422.40	56.00	23	Yes	40
60	1524.00	60.00	25	Yes	30

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

* For PE Pipe refer to the nearest Carrier Pipe OD.
** OD for Nominal Size (DN) designations is a guide only. If unsure please confirm actual carrier pipe OD.

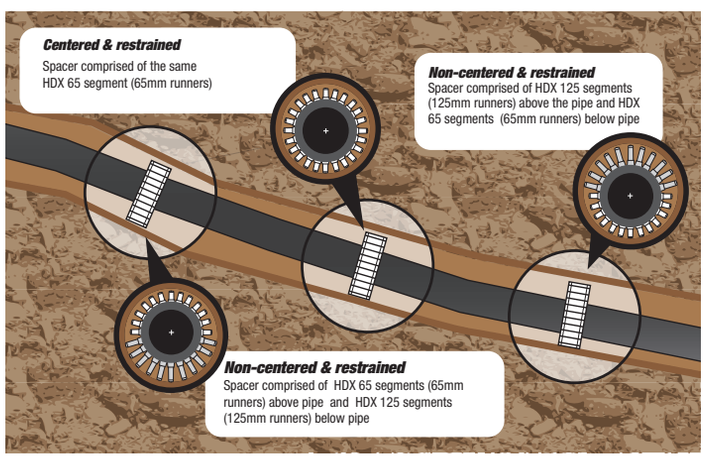
For pipe greater than 800mm OD (e.g. DN 750 and above), for very heavy weight pipe, or if the pipe material is slippery, it is recommended that 12mm stainless steel worm drive banding be applied over the collars. Contact kwik-ZIP for further information.

HDX 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.

Load sharing

Using a unique “load sharing runner” system, each HDX segment maximises its weight bearing capacity by distributing the pipe load across multiple runners. This reduces point loading at any one location, boosting and optimising the overall support capacity of the spacer exponentially as pipe size increases. The “load sharing runner” system also delivers a suspension and dampening effect, reducing the transfer of potentially damaging vibration and movement from the outer casing to the carrier pipe. This may be beneficial in tectonically active regions or high traffic areas where ongoing external vibration affects the outer casing.

When used in accordance with the Installation Guide, HDX Spacers will easily handle weights equivalent to a standard Ductile Iron Cement Lined (DICL) pipe full of fluid.



Friction and Wear capabilities

HDX Spacers are fitted with wear pads made from kwik-ZIP’s engineered thermoplastic blend to achieve superior abrasion resistance and a low coefficient of friction, especially under high load conditions.

These properties allow for greater run lengths and lower insertion forces during carrier pipe installation.

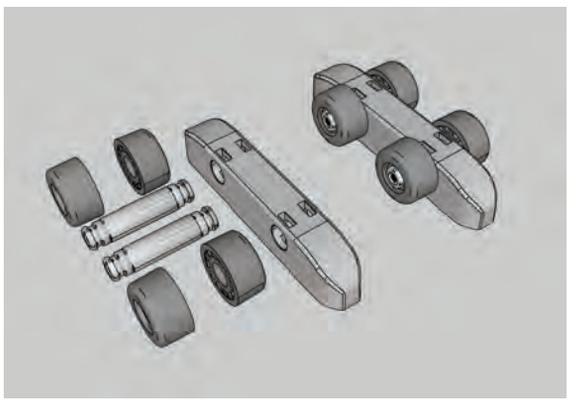
For specific advice on load, friction or wear capacities please contact sales@kwikzip.com (Australasia) or usa@kwikzip.com (USA).

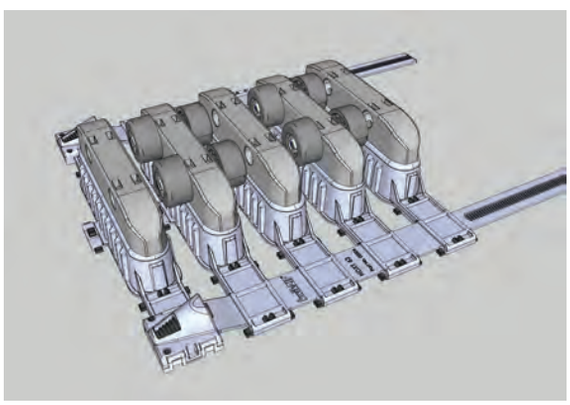
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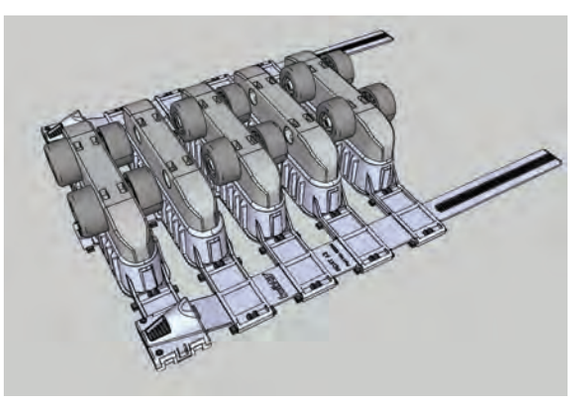
Kwik-ROLLER®

Application

A non-metallic roller assembly designed to be used with Kwik-ZIP HDXT-58W and HDXT-78W casing spacer models to provide an alternative spacer solution to long-run slip lining installations where the reduction of any sliding friction is critical.







Construction & Features

- Roller body and wheels made from Kwik-ZIPs engineered thermoplastic blend with high flexural strength, high-temperature resistance and outstanding chemical resistance. Wheels axles are ultra-low friction reinforced axles.
- Limited moving parts produce an overall coefficient of friction of approx 0.065 which minimizes insertion forces.
- Roller assembly is installed through the specially modified wear pad.
- Unique load sharing characteristics of Kwik-Zip spacers are un-affected allowing load to be distributed across multiple roller assemblies, minimizing point loading and increasing capacity overall.
- No special installation tools required. The axles are simply installed through the modified wear pad, and the wheels clipped on either end.

Models

Model	Equivalent Runner 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
Kwik-Roller® with HDXT -58W	58mm (without kwik-ROLLER® wheels) 65mm (inclusive of kwik-ROLLER® wheels)	00015	-20 C to 80 C -4 F to 176 F	Unlimited	100 (1 unit = two axles and 4 wheels)	350 x 315 x 230mm 13.8 x 12.4 x 9.1”	12 kg / 26.45 lbs
Kwik-Roller® with HDXT -78W	78mm (without kwik-ROLLER® wheels) 85mm (inclusive of kwik-ROLLER® wheels)						

Compliance

- Manufactured under a certified ISO 9001 Quality Management System

HDXT Series

Application

A completely non corroding, non-metallic casing spacer for Pipe-in-Pipe (PIP) applications such as slip lining and cased crossings for all heavy weight pipe materials including steel, ductile, MSCL, GRE, PVC, HDPE. Suitable for all diameters from 300mm (11.81”) OD and beyond by addition of multiple segments.











Construction & Features

- Made from Kwik-ZIP’s engineered 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. No requirement to pre-wrap pipe.
- Load sharing suspension system allowing heavy loads to be shared across multiple runners reducing point loading and increasing the overall load capacity of the spacer.
- Minimizes spacer weight bearing capacity and reduces point loading via a unique load sharing runner system.
- Ability to combine different runner heights in the same spacer ring to assist in borehole grade correction.
- Larger diameters are accommodated by joining additional segments.

Models

Model	Runner 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
HDXT 43	43mm / 1.69”	00002	- 20 C to 80 C - 4 F to 176 F in certain applications **(HDXT Hi Load Inserts should be used for service temperatures above 50 C / 122 F)**	300mm (11.81”) OD & greater	20	640mm x 360mm x 330mm 25.20” x 14.17” x 12.99”	20.2 Kg / 44.5 lbs
HDXT 58W	58mm / 2.30”	00014			20	640mm x 350mm x 510mm 25.20” x 14.20” x 13.00”	24.55 Kg / 54.1 lbs
HDXT 78W	78mm / 3.07”	00020			20	640mm x 350mm x 540mm 25.20” x 14.20” x 21.26”	27.2 kg / 60lbs
HDXT 63	63mm / 2.48”	00004			20	640mm x 360mm x 375mm 25.20” x 14.17” x 14.76”	22.8 Kg / 50.2 lbs
HDXT 103	103mm / 4.05”	00006			20	640mm x 360mm x 445mm 25.20” x 14.17” x 17.52”	26.2 Kg / 57.8 lbs
HDXT 153	153mm / 6.02”	00008			20	640mm x 360mm x 570mm 25.20” x 14.17” x 22.44”	31.2 Kg / 68.8 lbs

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with AS/NZS 4020:2018 Products for use in contact with drinking water.
- Compliant with lead free requirements of Section 1417 of the US Safe Water Drinking Act.
- Compliant with WSAA Product Specification # 324 – Casing Spacer.





Size table

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

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

Important: Please read HDXT Spacer Installation Guide before use.

For pipe greater than 1000mm OD, or if the pipe material is slippery, it is recommended that 12mm stainless steel worm drive banding be considered for application over the collars.

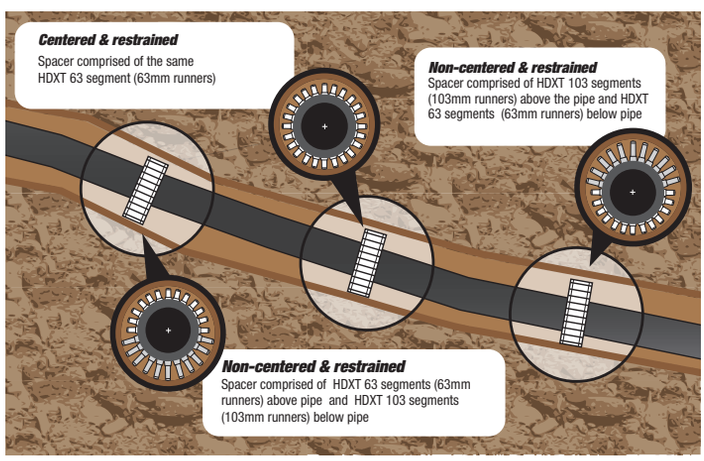
HDXT Spacers are generally suitable for heavy pipe run lengths up to 300m (approx. 1,000 ft) in good condition casings. Longer run lengths may be possible with casing lubrication, banding, and/or closer spacer intervals.

Contact kwik-ZIP for further advice.

Load sharing

Using a unique "load sharing runner" system, each HDXT segment maximises its weight bearing capacity by distributing the pipe load across multiple runners. This reduces point loading at any one location, boosting and optimising the overall support capacity of the spacer exponentially as pipe size increases. The "load sharing runner" system also delivers a suspension and dampening effect, reducing the transfer of potentially damaging vibration and movement from the outer casing to the carrier pipe. This may be beneficial in tectonically active regions or high traffic areas where ongoing external vibration affects the outer casing.

When used in accordance with the Installation Guide, HDXT Spacers will easily handle weights equivalent to a standard Ductile Iron Cement Lined (DICL) pipe full of fluid.



Friction and Wear capabilities

HDXT Spacers are fitted with wear pads made from kwik-ZIP's engineered thermoplastic blend to achieve superior abrasion resistance and a low coefficient of friction, especially under high load conditions.

These properties allow for greater run lengths and lower insertion forces during carrier pipe installation.

For specific advice on load, friction or wear capacities please contact sales@kwikzip.com (Australasia) or usa@kwikzip.com (USA).

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Visit us online for details of your nearest distributor at ***www.kwikzip.com*** or e-mail us at ***sales@kwikzip.com*** or ***usa@kwikzip.com*** (US customers)

HDXT Load Insert

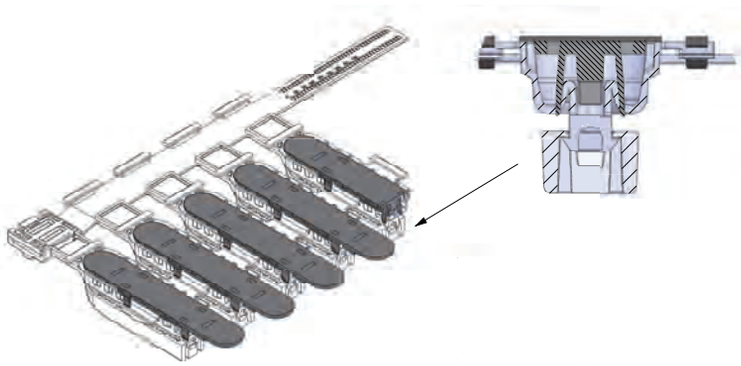
Application

HDXT load inserts are designed to be used with the Kwik-ZIP HDXT casing spacers to provide additional load capacity for very heavy applications or where high point loadings on one runner are experienced.

They also allow HDXT spacers to continue to carry heavy loads at elevated temperatures.







Construction & Features

- Load Inserts made from Kwik-ZIPs engineered thermoplastic blend with high flexural strength, high-temperature resistance and outstanding chemical resistance.
- When used in conjunction with HDXT casing spacers will increase load capacity up to 1000kg per runner.
- Unique load sharing characteristics of Kwik-Zip spacers allow multiple load inserts to be used for optimum effect.
- Particularly useful for slip lining applications where large differences between casing pipe radius and enveloper radius exist causing point loadings
- No special installation tools are required. Load inserts can be installed on site.
- HDXT Load Inserts can be used in either in every runner, or just in the centre and outer runners on each HDXT segment, depending on load requirements.

Models

Model	Matching HDXT model	Part #	Operating Temp	Units per Carton	Carton Dimensions	Gross Carton Weight
LI-XT 43	HDXT-43/ HDXT-58W	00003	-20 C to 80 C -4 F to 176 F	100	15.0 x 13.4 x 4.7” 380 x 340 x 120mm	7.9 lbs / 3.6 Kg
LI XT-63	HDXT-63/ HDXT-78W	00005		100	15.3 x 14.6 x 6.3” 390 x 370 x 160mm	14.8 lbs / 6.7 Kg
LI XT-103	HDXT-103	00007		100	16.5 x 15.7 x 11.8” 420 x 400 x 300mm	30.6 lbs / 13.9 Kg
LI XT-153	HDXT-153	00009		100	19.3 x 16.5 x 14.2” 490 x 420 x 360mm	49.4 lbs / 22.4 Kg

Compliance

- Manufactured under a certified ISO 9001 Quality Management System.
- Compliant with WSAA Product Specification # 324 – Casing Spacer.

