CLAMPS & COUPLINGS

Offtake Clamps	3.03
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Tapping Bands	3.15
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Other Clamps & Couplings	3.37

OFFTAKE CLAMPS

OFFTAKE CLAMPS

DN 40 – DN 600 STAINLESS STEEL CLAMPS

FEATURES

Manufactured from grade 316 stainless steel for superior corrosion protection.

Nitrile rubber gaskets provide a potable water contact approved seal.

Fully passivated stainless steel underscores the quality and longevity of the product.

Dry film anti-galling coating employed to minimise galling of the stainless steel fasteners.

Design features compensate for differential expansion and contraction of HDPE pipe with temperature variation.

Trench friendly mechanical application negates the need for tedious conventional electro fusion processes associated with repair and tapping HDPE pipe.

Rigid clamp body supports and augments the HDPE pipe in tapping applications.

Dispatched with detailed installation instructions.

Manufacturing facility certified to ISO 9001 Quality Assured Standard.

TECHNICAL DATA

Size Range
OD 110 – OD 600

Maximum Operating Pressure
1,600 kPa

Temperature Range
-10˚C to 60˚C

Product Certification
AS 4181 Lic. No SMK1785

Offtakes
Threaded BSP in 20mm to 100mm

Flanged 80mm to 200mm in PN 16 to AS 4087 with Table C, D compatible drilling (AS 2129)

Offtake sizes are subject to a design criteria and cannot exceed ⅓ the parent pipe OD

Other offtake specifications are available upon request.

OFFTAKE CLAMPS

DN 40 – DN 600 STAINLESS STEEL CLAMPS

FLANGE OFFSET

DIMENSION "A"

Flange Size DN	Offset "A" MM
80 - 150	90
200 - 225	105

WANG HDPE CLAMP (REPAIR & TAPPING) - PN16 OPERATING PRESSURE

Nom. Pipe Size DN	Repair Clamps		Bsp Tapped Clamps		Flanged Offtake Clamps	
	Product Code	Clamp Length MM	Product Code	Available Offtake Sizes (??) DN	Product Code	Available Flange Sizes (???) DN
40	KP2-040AB	200	NA	NA	NA	NA
50	KP2-050AB	200	NA	NA	NA	NA
63	KP2-063AB	200	KP2-063T020AB	20	NA	NA
75	KP2-075AB	200	KP2-075T020AB	20	NA	NA
90	KP2-090AB	200	KP2-090T0??AB	20, 25	NA	NA
110	KP2-110AB	200	KP2-110T0??AB	20, 25, 32	NA	NA
125	KP2-125AB	200	KP2-125T0??AB	20, 25, 32, 40	NA	NA
160	KP3-160AC	300	KP3-160T0??AC	20, 25, 32, 40, 50	NA	NA
180	KP3-180AC	300	KP3-180T0??AC	20, 25, 32, 40, 50	NA	NA
200	KP3-200AC	300	KP3-200T0??AC	20, 25, 32, 40, 50	NA	NA
225	KP5-225AD	400	KP5-225T0??AD	20, 25, 32, 40, 50	NA	NA
250	KP5-250AD	400	KP5-250T0??AD	20, 25, 32, 40, 50	KP8-250F080BDC	80
280	KP7-280AF	600	KP7-280T0??AF	20, 25, 32, 40, 50	KP8-280F080BDC	80
315	KP7-315AF	600	KP7-315T0??AF	20, 25, 32, 40, 50	KP14-315F???BFC	80, 100
355	KP14-355BF	600	KP14-355T0??BF	20, 25, 32, 40, 50	KP14-355F???BFC	80, 100
400	KP14-400BF	600	KP14-400T0??BF	20, 25, 32, 40, 50	KP14-400F???BFC	80, 100
450	KP20-450BH	800	KP20-450T0??BH	20, 25, 32, 40, 50	KP20-450F???BHC	80, 100, 150
500	KP20-500BH	800	KP20-500T0??BH	20, 25, 32, 40, 50	KP20-500F???BHC	80, 100, 150
500+	Price and availability upon request, subject to customer's requirements					

REPAIR CLAMPS

TAPPED OFFTAKE REPAIR CLAMPS

DN 50 – DN 1200 STAINLESS STEEL FOR TAPPING INTO OLD, UNSTABLE OR DAMAGED PIPE

FEATURES

Tapped Offtake Repair Clamps provide rehabilitation to damaged and unstable pipes that require a tapping installation.

Offtake is a stainless steel female BSP threaded socket from DN 20 - DN 100 for the connection of threaded valves and fittings.

Clamp body provides pipe reinforcement once the pipe is tapped.

Each clamp fits a range of pipe diameters.

Passivated 316 stainless steel construction maximises corrosion protection and performance life.

Full-circle nitrile rubber gasket insulates against galvanic pipe corrosion.

Supplied with plastic thread protectors.

All sharp surfaces linished to avoid harm to the installer.

Dispatched with installation instructions

Dry film anti-galling coating employed to minimise galling of the stainless steel fasteners.

Manufacturing facility certified to ISO 9001 Quality Assured Standard.

TECHNICAL DATA

Size Range
DN 50 – DN 1200

Offtake Sizes
DN 20 – DN 100*
(Depending on host pipe size)

Maximum Operating Pressure
1600 kPa (up to and including DN 400). Limited to offtake sizes up to and including DN 50

Temperature Range
-10˚C to 60˚C

Relevant Standards
AS 4181

*NOTE: Standard offtake specification is BSP thread. Alternative thread specifications e.g., NPT, can be supplied upon request.

TAPPED OFFTAKE REPAIR CLAMPS

Nom. Size DN	Min Clamp Length MM	Pipe OD Range MM	Product Code	Available BSP Offtake Sizes (??) DN
40	150	47-52	K2-047T0??AA	20, 25
50	150	59-64	K2-059T0??AA	20, 25, 32, 40
		63-68	K2-063T0??AA	20, 25, 32, 40
		69-74	K2-069T0??AA	20, 25, 32, 40
80	150	75-80	K2-075T0??AA	20, 25, 32, 40, 50
		76-83	K2-076T0??AA	20, 25, 32, 40, 50
80	200	85-92	K2-085T0??AB	20, 25, 32, 40, 50
		88-95	K2-088T0??AB	20, 25, 32, 40, 50
		95-105	K2-095T0??AB	20, 25, 32, 40, 50
80	300	85-92	K3-085T0??AC	20, 25, 32, 40, 50
		88-95	K3-088T0??AC	20, 25, 32, 40, 50
		95-105	K3-095T0??AC	20, 25, 32, 40, 50
100-125	200	100-110	K2-100T0??AB	20, 25, 32, 40, 50
		110-120	K2-110T0??AB	20, 25, 32, 40, 50
		114-124	K2-114T0??AB	20, 25, 32, 40, 50
		120-130	K2-120T0??AB	20, 25, 32, 40, 50
		130-140	K2-130T0??AB	20, 25, 32, 40, 50
		140-150	K2-140T0??AB	20, 25, 32, 40, 50
		145-155	K2-145T0??AB	20, 25, 32, 40, 50
100-125	300	100-105	K3-100T0??AC	20, 25, 32, 40, 50, 65
		110-120	K3-110T0??AC	20, 25, 32, 40, 50, 65, 80
		114-124	K3-114T0??AC	20, 25, 32, 40, 50, 65, 80

TAPPED OFFTAKE REPAIR CLAMPS

DN 50 – DN 1200 STAINLESS STEEL FOR TAPPING INTO OLD, UNSTABLE OR DAMAGED PIPE

TAPPED OFFTAKE REPAIR CLAMPS

Nom. Size DN	Min Clamp Length MM	Pipe OD Range MM	Product Code	Available BSP Offtake Sizes (??) DN
		120-130	K3-120T0??AC	20, 25, 32, 40, 50, 65, 80
		130-140	K3-130T0??AC	20, 25, 32, 40, 50, 65, 80
		140-150	K3-140T0??AC	20, 25, 32, 40, 50, 65, 80
		145-155	K3-145T0??AC	20, 25, 32, 40, 50, 65, 80
150	200	150-160	K2-150T0??AB	20, 25, 32, 40, 50
		160-170	K2-160T0??AB	20, 25, 32, 40, 50
		168-178	K2-168T0??AB	20, 25, 32, 40, 50
		175-185	K2-175T0??AB	20, 25, 32, 40, 50
		185-195	K2-185T0??AB	20, 25, 32, 40, 50
		190-200	K2-190T0??AB	20, 25, 32, 40, 50
150	300	150-160	K3-150T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		160-170	K3-160T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		168-178	K3-168T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		175-185	K3-175T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		185-195	K3-185T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		190-200	K3-190T0??AC	20, 25, 32, 40, 50, 65, 80, 100
200	200	200-210	K2-200T0??AB	20, 25, 32, 40, 50
		210-220	K2-210T0??AB	20, 25, 32, 40, 50
		215-225	K2-215T0??AB	20, 25, 32, 40, 50
		225-235	K2-225T0??AB	20, 25, 32, 40, 50
		230-240	K2-230T0??AB	20, 25, 32, 40, 50
		240-250	K2-240T0??AB	20, 25, 32, 40, 50
200	300	200-210	K3-200T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		205-215	K3-205T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		215-225	K3-215T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		225-235	K3-225T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		230-240	K3-230T0??AC	20, 25, 32, 40, 50, 65, 80, 100
225	200	250-260	K2-250T0??AB	20, 25, 32, 40, 50
225	300	250-260	K3-250T0??AC	20, 25, 32, 40, 50, 65, 80, 100
225-250	300	250-260	K4-250T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		255-265	K4-255T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		260-270	K4-260T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		265-275	K4-265T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		270-280	K4-270T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		275-285	K4-275T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		285-295	K4-285T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		290-300	K4-290T0??AC	20, 25, 32, 40, 50, 65, 80, 100
300	300	300-310	K4-300T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		310-320	K4-310T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		315-325	K4-315T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		320-330	K4-320T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		330-340	K4-330T0??AC	20, 25, 32, 40, 50, 65, 80, 100
		340-350	K4-340T0??AC	20, 25, 32, 40, 50, 65, 80, 100

TAPPED OFFTAKE REPAIR CLAMPS

DN 50 – DN 1200 STAINLESS STEEL FOR TAPPING INTO OLD, UNSTABLE OR DAMAGED PIPE

TAPPED OFFTAKE REPAIR CLAMPS

Nom. Size DN	Min Clamp Length MM	Pipe OD Range MM	Product Code	Available BSP Offtake Sizes (??) DN
300	400	310-320	K4-310T0??AD	20, 25, 32, 40, 50, 65, 80, 100
		315-325	K4-315T0??AD	20, 25, 32, 40, 50, 65, 80, 100
		330-340	K4-330T0??AD	20, 25, 32, 40, 50, 65, 80, 100
		340-350	K4-340T0??AD	20, 25, 32, 40, 50, 65, 80, 100
300-400	400	320-340	K10-320T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		330-350	K10-330T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		350-370	K10-350T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		360-380	K10-360T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		370-390	K10-370T0??BD	20, 25, 32, 40, 50, 65, 80, 100
375	400	390-410	K10-390T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		400-420	K10-400T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		410-430	K10-410T0??BD	20, 25, 32, 40, 50, 65, 80, 100
400	400	440-460	K10-440T0??BD	20, 25, 32, 40, 50, 65, 80, 100
450	400	450-470	K10-450T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		470-490	K10-470T0??BD	20, 25, 32, 40, 50, 65, 80, 100
		490-510	K10-490T0??BD	20, 25, 32, 40, 50, 65, 80, 100
450+	Price and availability upon request, subject to customer's requirements			

KWIK REPAIR CLAMPS

DN 15 – DN 50 QUICK INSTALLATION REPAIR CLAMPS

FEATURES

Full circle repair clamps for galvanised steel, PVC and copper pipelines.

Full circle seal provides complete damage containment.

Available in 75mm or 150mm lengths.

316 stainless steel skin.

Galvanised steel or 316 stainless steel fasteners available.

Manufactured in accordance with ISO 9001 quality standards.

TECHNICAL DATA

Size Range:
DN 15 DN 50

Maximum Operating Pressure:
1600 kPa

Temperature Range:
-10˚C to 60°C

Note: Wang KWIK clamps do not provide axial pipe restraint.

PIPE SUITABILITY - COPPER PIPE

		STAINLESS STEEL FASTENERS				GALVANISED FASTENERS			
Nom. Pipe Size DN	Pipe OD	1 Bolt - M10 LENGTH MM	Code	2 Bolt - M10 LENGTH MM	Code	1 Bolt - M10 LENGTH MM	Code	2 Bolt - M10 LENGTH MM	Code
15	15	75	KKFCOP1-015S	150	KKFCOP2-015S	75	KKFCOP1-015G	150	KKFCOP2-015G
20	20	75	KKFCOP1-020S	150	KKFCOP2-020S	75	KKFCOP1-020G	150	KKFCOP2-020G
25	25	75	KKFCOP1-025S	150	KKFCOP2-025S	75	KKFCOP1-025G	150	KKFCOP2-025G
32	32	75	KKFCOP1-032S	150	KKFCOP2-032S	75	KKFCOP1-032G	150	KKFCOP2-032G
40	40	75	KKFCOP1-040S	150	KKFCOP2-040S	75	KKFCOP1-040G	150	KKFCOP2-040G
50	50	75	KKFCOP1-050S	150	KKFCOP2-050S	75	KKFCOP1-050G	150	KKFCOP2-050G

PIPE SUITABILITY - GALVANISED STEEL & PVC

		STAINLESS STEEL FASTENERS				GALVANISED FASTENERS			
Nom. Pipe Size DN	Pipe OD	1 Bolt - M10 LENGTH MM	Code	2 Bolt - M10 LENGTH MM	Code	1 Bolt - M10 LENGTH MM	Code	2 Bolt - M10 LENGTH MM	Code
15	21	75	KKFGAL1-015S	150	KKFGAL2-015S	75	KKFGAL1-015G	150	KKFGAL2-015G
20	27	75	KKFGAL1-020S	150	KKFGAL2-020S	75	KKFGAL1-020G	150	KKFGAL2-020G
25	33	75	KKFGAL1-025S	150	KKFGAL2-025S	75	KKFGAL1-025G	150	KKFGAL2-025G
32	42	75	KKFGAL1-032S	150	KKFGAL2-032S	75	KKFGAL1-032G	150	KKFGAL2-032G
40	48	75	KKFGAL1-040S	150	KKFGAL2-040S	75	KKFGAL1-040G	150	KKFGAL2-040G
50	60	75	KKFGAL1-050S	150	KKFGAL2-050S	75	KKFGAL1-050G	150	KKFGAL2-050G

STAINLESS STEEL REPAIR CLAMPS

DN 40 – DN 1200 FOR FAST, PERMANENT REPAIR & REINFORCEMENT SOLUTION FOR MOST PIPE TYPES AND SIZES

FEATURES

Manufactured from grade 316 stainless steel for superior corrosion protection.

Nitrile rubber gaskets provide a potable water contact approved seal and insulates against galvanic corrosion.

Fully passivated stainless steel underscores the quality and longevity of the product.

Clamp design permits the installation of a single clamp on a range of pipe diameters.

All sharp surfaces linished to avoid injury to the installer.

Product supplied with detailed installation instructions.

Dry film anti-galling coating employed to minimise galling of the stainless steel fasteners.

Manufacturing facility certified to the ISO 9001 quality assured standard.

TECHNICAL DATA

Size Range:
DN 40 - DN 1200

Maximum Operating Pressure:
Up to 690mm OD: 1600 kPa

Temperature Range:
-10˚C to 60˚C

Product Certification:
AS 4181 Lic. No SMK1785

Note: Wang Repair Clamps should not be used to join pipe and DO NOT provide axial pipe restraint.

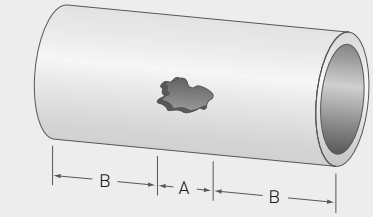
The use of a Vari-Gib Pipe Coupling is recommended for pipe joining applications.

CALCULATING THE MINIMUM RECOMMENDED CLAMP LENGTH

When repairing a damaged pipe, it is important to select a clamp of the right length relative to the length of the damage being repaired. For effective sealing, there should be sufficient gasket in contact with the pipe between the edge of the damage and the end of the clamp on each side.

The diagram and table below provide a method of ensuring that the selected clamp is no less that the minimum recommended length for an effective seal.

Minimum recommended clamp length = A + 2B



EXAMPLE: CALCULATING MINIMUM CLAMP LENGTH

You require a clamp to repair a DN 300 Sr.2 PVC pipe with a 100mm wide hole

1. Determine the minimum required clamp length with formula (A+2B).
   A = Damage dimension
   = 100mm
   B = Seal length
   (extract from table below)
   = 100mm
   Therefore MINIMUM clamp length
   = (100 + [2x100]) = 300mm.
2. Standard clamp length from table below for a DN 300 pipe = 300mm.
   Therefore a standard clamp from the selection chart (page 3 & 4) can be used.
3. However if the damage had been more than 100mm in length, a standard clamp (300mm long in this example) would be too short.
4. Contact Viadux Water in such an instance for assistance with the next available option in clamp length.

STAINLESS STEEL REPAIR CLAMPS

DN 40 – DN 1200 FOR FAST, PERMANENT REPAIR & REINFORCEMENT SOLUTION FOR MOST PIPE TYPES AND SIZES

Nom. Pipe Size	DICL	Steel		CICL		AC		
		MSCL	GWI	B	C	AB	CD	
DN	AS/NZS 2280	AS 1579	AS 1074	AS 1724	AS 2544	AS 1711	AS 1711	
40			K2-047AA 48mm					
50			K2-059AA 60mm			K2-069AA 69mm		
65			K2-076AA 76mm			K2-076AA 79mm		
80	K2-095AB 96mm		K2-085AB 89mm	K2-095AB 96mm	K2-095AB 96mm	K2-095AB 96mm	K2-095AB 96mm	
100	K2-120AB 122mm	K2-114AB 114mm	K2-114AB 114mm	K2-120AB 122mm	K2-120AB 122mm	K2-120AB 122mm	K2-120AB 122mm	
125		K2-140AB 140mm	K2-140AB 140mm		K2-140AB 149mm			
150	K2-175AB 177mm	K2-160AB 168mm	K2-160AB 168mm	K2-175AB 177mm	K2-175AB 177mm	K2-175AB 177mm	K2-175AB 177mm	
175					K2-200AB 203mm			
200	K2-230AB 232mm	K2-215AB 218mm		K2-230AB 232mm	K2-230AB 232mm	K2-230AB 232mm	K2-230AB 232mm	
225	K4-250AC 259mm			K4 250AC 259mm	K4-250AC 259mm	K4-250AC 259mm	K4-250AC 259mm	
250	K4-285AC 286mm	K4-270AC 273mm		K4-285AC 286mm	K4-285AC 286mm	K4-285AC 286mm	K4-285AC 286mm	
300	K4-340AC 345mm	K4-320AC 324mm		K4-330AC 334mm	K4-340AC 345mm	K4-330AC 334mm	K4-340AC 345mm	
350		K10-350BD 355mm						
375	K10-410BD 426mm	K10-400BD 406mm		K10-410BD 413mm	K10-410BD 426mm	K10-410BD 413mm	K10-410BD 426mm	
400		K10-450BD 457mm						
450	K10-490BD 507mm	K10-490BD 508mm		K10-490BD 492mm	K10-490BD 507mm	K10-490BD 492mm	K10-490BD 507mm	
500	K15-560CD 560mm	K15-530CD 559mm		K15-530CD 545mm	K15-560CD 560mm			
525						K15-570CD 572mm	K15-570CD 587mm	
600	K15-650CD 667mm	K15-600CD 610mm		K15-650CD 650mm	K15-650CD 667mm	K15-650CD 650mm	K15-650CD 667mm	

MINIMUM REQUIRED SEAL LENGTH 'B'

Nom. Pipe Dia. DN	Min. Seal Length 'B MM	Standard Clamp Length MM
40 - 80	50	150
100 - 200	65	200

Nom. Pipe Dia. DN	Min. Seal Length 'B MM	Standard Clamp Length MM
225 - 300	100	300
350 - 600	150	400

	ABS*1	GRP*2	RC	Copper	PVC-U/M*3	
	Series 1 AS 3518	Series 1 – B5 AS 3571	 AS 4058	 AS 1432	Series 1 (U) AS/NZS 1477 (M) AS/NZS 4765	Series 2 (U) AS/NZS 1477 M) AS/NZS 4765
	K2-047AA 48mm			N/A 38mm	K2-047AA 48mm	
	K2-059AA 60mm			K2-047AA 51mm	K2-059AA 60mm	
	K2-075AA 75mm			K2-063AA 64mm	K2-075AA 75mm	
	K2-085AB 89mm			K2-076AA 76mm	K2-085AB 89mm	
	K2-114AB 114mm	K2-120AB 122mm		K2-095AB 101mm	K2-114AB 114mm	K2-120AB 122mm
	K2-140AB 140mm			K2-120AB 127mm	K2-140AB 140mm	
	K2-160AB 168mm	K2-175AB 177mm	K2-190AB 197mm	K2-150AB 152mm	K2-160AB 160mm	K2-175AB 177mm
					K2-200AB 200mm	
	K2-215AB 225mm	K2-230AB 232mm		K2-200AB 203mm	K2-215AB 225mm	K2-230AB 232mm
	K4-250AC 250mm	K4-250AC 259mm	K4-275AC 279mm	K2-225AB 229mm	K4-250AC 250mm	K4-250AC 259mm
		K4-285AC 286mm		K4-275AC 280mm	K4-285AC 286mm	
	K4-310AC 315mm	K4-340AC 345mm	K10-350BD 362mm		K4-310AC 315mm	K4-340AC 345mm
	K10-350BD 355mm	K10-390BD 399mm			K10-350BD 355mm	
	K10-400BD 400mm	K10-410BD 426mm	K10-440BD 445mm	K10-400BD 400mm	K10-410BD 426mm	
	K10-450BD 450mm	K10-450BD 453mm			K10-450BD 450mm	
	K10-490BD 500mm	K10-490BD 507mm	K15-530CD 533mm		K10-490BD 500mm	K10-490BD 507mm
	K15-560CD 560mm	K15-560CD 560mm			K15-560CD 560mm	K15-560CD 560mm
		K15-570CD 587mm	K15-610CD 616mm			
	K15-620CD 630mm	K15-650CD 667mm	K15-690CD 699mm		K15-620CD 630mm	K15-650CD 667m

EXAMPLE:

Product Code	Pipe OD
K4-270AC	273mm

Note: The WANG Repair Clamp range extends beyond DN 600. For sizes and configurations not listed above, please contact Viadux Water for assistance
*1 Min. required pipe rating for clamp application: PN 9
*2 Min. required pipe rating for clamp application: SN 10,000
*3 Min. required pipe rating for clamp application: U = PN 9 / M = PN 12 / O = PN 16.

TAPPING BANDS

MULTI TAP SADDLE

DN 100 & DN 150 MULTI RANGE ADAPTABLE TAPPING SOLUTION FOR QUICK APPLICATION

FEATURES

The Multi-Tap tapping band adapts to DI, CI, AC, Series 1 & 2 PVC pipes of the same DN size.

The unique wrap around and hook-on design simplifies adjustment at time of installation.

Fully passivated 316 stainless steel back strap and fastening mechanism underscores the quality of the product.

Dry film coating employed to minimize galling of the stainless steel fastener.

Nitrile rubber back strap gasket employed to isolate against galvanic corrosion between pipe and saddle.

EPDM centre ring seal ensures a water tight tapping with AS/NZS 4020 potable water compliance.

TECHNICAL DATA

Size Range:
DN 100 and DN 150

Offtake Sizes:
DN 20 to DN 50

Maximum Operating Pressure:
1600 kPa

Temperature Range:
-10˚ to 60˚C

Relevant Standards:
AS/NZS 4020 suitable for potable water application.

MULTI TAP SADDLE

Nom. Pipe Size DN	Product Code	Available BSP Offtake Sizes (??) DN
100	KTNDM100??	20, 25, 32, 40, 50
150	KTNDM150??	20, 25, 32, 40, 50

RIGI-TAP TAPPING CLAMPS

DN 40 – DN 450 FAST, PERMANENT TAPPING SOLUTION FOR RIGID PIPE TYPES

FEATURES

Saddle bodies are manufactured from either 316 stainless steel or Ductile Iron Fusion Bonded Epoxy coated (depending on saddle type) with 316 stainless steel fasteners.

Nitrile rubber gaskets provide a potable water approved seal in all saddle types. Larger diameter Rigi-Tap saddles (DN 200 and larger) employ an EPDM back mat, insulating against galvanic corrosion.

Fully passivated 316 stainless steel underscore the quality of the product.

Dry film coating employed to minimise galling of the stainless steel fasteners.

All sharp surfaces linished to avoid injury to the installer.

Supplied with detailed installation instructions and pipe type compatability information.

Manufacturing facility certified to the ISO 9001 Quality Assured Standard.

TECHNICAL DATA

Size range:
DN 40 - DN 450
Depending on saddle type.See selection chart inside

Maximum Operating Pressure:
1600 kPa

Temperature Range:
-10°C to 60°C

Relevant Standards:
AS/NZS 4793
Lic. No. SMK00278

RIGI-TAP TAPPING CLAMPS

Nom. Pipe Size DN	Min. Clamp Length MM	PIPE OD Range MM	Product Code	Available BSP Offtake Sizes (??) DN
40	125	47-52	KT1-047T0??	20, 25
50	125	59-64	KT1-059T0??	20, 25
		63-68	KT1-063T0??	20, 25
		69-74	KT1-069T0??	20, 25
75	125	75-80	KT1-075T0??	20, 25
80	125	88-98	KT1-088T0??	20, 25, 32, 40, 50
100	125	101-111	KT1-101T0??	20, 25, 32, 40, 50
		114-124	KT1-114T0??	20, 25, 32, 40, 50
		120-130	KT1-120T0??	20, 25, 32, 40, 50
		130-140	KT1-130T0??	20, 25, 32, 40, 50
125	125	140-150	KT1-140T0??	20, 25, 32, 40, 50
		450-155	KT1-145T0??	20, 25, 32, 40, 50
150	125	152-162	KT1-152T0??	20, 25, 32, 40, 50
		160-170	KT1-160T0??	20, 25, 32, 40, 50
		168-178	KT1-168T0??	20, 25, 32, 40, 50
		175-185	KT1-175T0??	20, 25, 32, 40, 50
175	125	182-192	KT1-182T0??	20, 25, 32, 40, 50
		190-200	KT1-190T0??	20, 25, 32, 40, 50
200	125	200-220	KT4-200T0??	20, 25, 32, 40, 50
		215-235	KT4-215T0??	20, 25, 32, 40, 50
		225-245	KT4-225T0??	20, 25, 32, 40, 50

Nom. Pipe Size DN	Min. Clamp Length MM	PIPE OD Range MM	Product Code	Available BSP Offtake Sizes (??) DN
225	125	240-260	KT4-240T0??	20, 25, 32, 40, 50
		250-270	KT4-250T0??	20, 25, 32, 40, 50
250	125	270-290	KT4-270T0??	20, 25, 32, 40, 50
		290-310	KT4-290T0??	20, 25, 32, 40, 50
300	125	300-320	KT4-300T0??	20, 25, 32, 40, 50
		315-335	KT4-315T0??	20, 25, 32, 40, 50
		330-350	KT4-330T0??	20, 25, 32, 40, 50
		355-375	KT4-355T0??	20, 25, 32, 40, 50
		360-380	KT4-360T0??	20, 25, 32, 40, 50
		370-390	KT4-370T0??	20, 25, 32, 40, 50
375	125	390-410	KT4-390T0??	20, 25, 32, 40, 50
		410-430	KT4-410T0??	20, 25, 32, 40, 50
		430-450	KT4-430T0??	20, 25, 32, 40, 50
400	125	440-460	KT4-440T0??	20, 25, 32, 40, 50
450	125	460-490	KT4-460T0??	20, 25, 32, 40, 50
		470-490	KT4-470T0??	20, 25, 32, 40, 50
		490-510	KT4-490T0??	20, 25, 32, 40, 50

VARI-TAP TAPPING CLAMPS

DN 40 – DN 450 FAST, PERMANENT TAPPING SOLUTION FOR BOTH RIGID AND FLEXIBLE PIPE TYPES

VARI-TAP TAPPING SADDLES

Nom. Pipe Size DN	Product Code	Available BSP Offtake Sizes (??) DN
100	KTFD-122T0??	20, 25
150	KTFD-177T0??	20, 25

TAPPING SADDLES

PN 16 OPERATING PRESSURE – RIGID AND FLEXIBLE PRESSURE PIPE

Nominal Pipe Size DN	Rigid Pipe						
	DICL AS/NZS 2281	Steel MSCL AS 1579	GWI AS 1074	CICL B AS 1724	C AS 2544	AC AB AS 1711	CD AS 1711
40			KT1-047T0??				
			48MM				
50			KT1-059T0??				
			60MM				
65			KT1-075T0??				
			76MM				
80	KT1-088T0??		KT1-088T0??			KT1-088T0??	KT1-088T0??
	96MM		89MM			96MM	96MM
100	KT1-114T0??	KT1-114T0??	KT1-114T0??	KT1-114T0??	KT1-114T0??	KT1-114T0??	KT1-114T0??
	KTFD-122T0??	KTFD-122T0??	KTFD-122T0??	KTFD-122T0??	KTFD-122T0??	KTFD-122T0??	KTFD-122T0??
	122MM	114MM	114MM	122MM	122MM	122MM	122MM
125		KT1-140T0??	KT1-140T0??		KT1-140T0??		
		140MM	140MM		149MM		
150	KT1-168T0??	KT1-168T0??	KT1-160T0??	KT1-168T0??	KT1-168T0??	KT1-168T0??	KT1-168T0??
	KTFD-177T0??	KTFD-177T0??		KTFD-177T0??	KTFD-177T0??	KTFD-177T0??	KTFD-177T0??
	177MM	168MM	165MM	177MM	177MM	177MM	177MM
175							
200	KT4-215T0??	KT4-215T0??		KT4-215T0??	KT4-215T0??	KT4-215T0??	KT4-215T0??
	232MM	219MM		232MM	232MM	232MM	232MM
225	KT4-250T0??			KT4-250T0??	KT4-250T0??	KT4-250T0??	KT4-250T0??
	259MM			259MM	259MM	259MM	259MM
250	KT4-270T0??	KT4-270T0??		KT4-270T0??	KT4-270T0??	KT4-270T0??	KT4-270T0??
	286MM	273MM		286MM	286MM	286MM	286MM
300	KT4-330T0??	KT4-315T0??		KT4-330T0??	KT4-330T0??	KT4-330T0??	KT4-330T0??
	345MM	324MM		334MM	345MM	334MM	345MM
350		KT4-355T0??					
		355MM					
375	KT4-410T0??	KT4-390T0??		KT4-410T0??	KT4-410T0??	KT4-410T0??	KT4-410T0??
	426MM	406MM		413MM	426MM	413MM	426MM
400		KT4-440T0??					
		457MM					
450	KT4-490T0??	KT4-490T0??		KT4-490T0??	KT4-490T0??	KT4-490T0??	KT4-490T0??
	507MM	508MM		492MM	507MM	492MM	507MM

EXAMPLE:

Product Code	Pipe OD
KTFD-122T0??	122mm

TAPPING SADDLES

PN 16 OPERATING PRESSURE – RIGID AND FLEXIBLE PRESSURE PIPE

RIGI–TAP Saddle
VARI-TAP Saddle

				Flexible Pipe	
	ABS*1 Series 1 AS 3518	GRP*2 Series 1 – B5 AS 3571	RC AS 4058	PVC Series 2 (U) AS/NZS 1477 (M) AS/NZS 4765 (O) AS/NZS 4441	HDPE AS/NZS 4130
	KT1-047T0??				
	48MM				
	KT1-059T0??	KT1-059T0??			
	60MM	64MM			
	KT1-075T0??				
	75MM				
	KT1-088T0??	KT1-101T0??			
	89MM	101MM			
	KT1-114T0??	KT1-114T0??			
	KTFD-122T0??	KTFD-122T0??		KTFD-122T0??	
	114MM	122MM		122MM	
	KT1-140T0??				KTFD-122T0??
	140MM				125MM
	KT1-168T0??	KT1-175T0??	KT1-190T0??		
	KTFD-177T0??	KTFD-177T0??		KTFD-177T0??	
	168MM	177MM	197MM	177MM	
					KTFD-177T0??
					180MM
	KT4-215T0??	KT4-215T0??			
	225MM	232MM			
	KT4-250T??		KT4-270T0??		
	250MM		279MM		
		KT4-270T0??			
		286MM			
	KT4-315T0??	KT4-330T0??	KT4-355T0??		
	315MM	345MM	362MM		
	KT4-355T0??	KT4-390T0??			
	355MM	399MM			
	KT4-390T0??		KT4-440T0??		
	400MM		445MM		
	KT4-440T0??	KT4-440T0??			
	450MM	453MM			
	KT4-490T0??	KT4-490T0??			
	500MM	507MM			

*1 Min. required pipe rating for saddle application: PN 9
*2 Min. required pipe rating for saddle application: SN 10,000.

4N TAPPING BANDS

DN 40 – DN 450 FAST, PERMANENT TAPPING SOLUTION FOR BOTH RIGID AND FLEXIBLE PIPE TYPES

FEATURES

4N Tapping Bands are suitable for a multitude of pipes with numerous benefits

- Colour coded to match pipe types for easy field identification.
- The nuts are coated with a specially formulated anti galling compound.
- The E-Lip seal requires low bolt torque to be effective, therefore reduces point loading on the pipe.
- Easy to install.
- 4N Tapping Bands are available to suit pipes from 40 to 300mm.

SPECIFICATIONS

Sizes: Butt They are suitable for all diameter pipes and pipe surfaces and are available with; 20, 25, 32, 40 & 50 BSP threaded off.

Approvals: 4N Tapping Bands have Water Service Association of Australia (WSAA) approval / appraisal No PA1018 (AS/NZS 4793) and PA1019 (AS/NZS 4129).

4N TAPPING BANDS PVC - SERIES 1

Product Code	Size	Description
ZZ4NS1TB10020	100	100X20 TAPPING BAND PVC S1 4N
ZZ4NS1TB10025	100	100x25 TAPPING BAND S1 4N
ZZ4NS1TB10032	100	100x32 TAPPING BAND S1 4N
ZZ4NS1TB10040	100	100x40 TAPPING BAND S1 4N
ZZ4NS1TB10050	100	100x50 TAPPING BAND S1 4N
ZZ4NS1TB15020	150	150x20 TAPPING BAND S1 4N
ZZ4NS1TB15025	150	150x25 TAPPING BAND S1 4N
ZZ4NS1TB15032	150	150x32 TAPPING BAND S1 4N
ZZ4NS1TB15040	150	150x40 TAPPING BAND S1 4N
ZZ4NS1TB15050	150	150x50 TAPPING BAND S1 4N
ZZ4NS1TB15525	155	155x25 TAPPING BAND S1 4N
ZZ4NS1TB15550	155	155x50 TAPPING BAND S1 4N
ZZ4NS1TB19525	195	195x25 TAPPING BAND S1 4N
ZZ4NS1TB19550	195	195x50 TAPPING BAND S1 4N
ZZ4NS1TB20020	200	200x20 TAPPING BAND S1 4N
ZZ4NS1TB20025	200	200x25 TAPPING BAND S1 4N
ZZ4NS1TB20032	200	200x32 TAPPING BAND S1 4N

Product Code	Size	Description
ZZ4NS1TB20040	200	200x40 TAPPING BAND S1 4N
ZZ4NS1TB20050	200	200x50 TAPPING BAND S1 4N
ZZ4NS1TB30020	300	300x20 TAPPING BAND S1 4N
ZZ4NS1TB30025	300	300x25 TAPPING BAND S1 4N
ZZ4NS1TB30032	300	300x32 TAPPING BAND S1 4N
ZZ4NS1TB30040	300	300x40 TAPPING BAND S1 4N
ZZ4NS1TB30050	300	300x50 TAPPING BAND S1 4N
ZZ4NS1TB4020	40	40x20 TAPPING BAND S1 4N
ZZ4NS1TB4025	40	40x25 TAPPING BAND S1 4N
ZZ4NS1TB5020	50	50X20BSP S1 TAPPLING SADDLE ABS/PVC
ZZ4NS1TB5025	50	50x25 TAPPING BAND S1 4N
ZZ4NS1TB8020	80	80X20BSP S1 TAPPLING SADDLE ABS/PVC
ZZ4NS1TB8025	80	80x25 TAPPING BAND S1 4N
ZZ4NS1TB8032	80	80x32 TAPPING BAND S1 4N
ZZ4NS1TB8040	80	80x40 TAPPING BAND S1 4N
ZZ4NS1TB8050	80	80x50 TAPPING BAND S1 4N

4N TAPPING BANDS PVC - SERIES 2

Product Code	Size	Description
ZZ4NS2TB10020	100	100X20 TAPPING BAND PVC S2 4N
ZZ4NS2TB10020L	100	100X20 TAPPING BAND PVC S2 LILAC 4N
ZZ4NS2TB10025	100	100X25 PVC/S2 TAPPING SADDLE
ZZ4NS2TB10025L	100	100x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB10032	100	100X32 TAPPING BAND PVC/S2 4N
ZZ4NS2TB10032L	100	100x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB10040	100	100X40 TAPPING BAND PVC/S2 4N
ZZ4NS2TB10040L	100	100x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB10050	100	100X50 TAPPING BAND PVC/S2 4N
ZZ4NS2TB10050L	100	100x50 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB15020	150	150X20 TAPPING BAND PVC/S2 4N
ZZ4NS2TB15020L	150	150X20 TAPPING BAND PVC S2 LILAC 4N
ZZ4NS2TB15025	150	150X25 TAPPING BAND PVC/S2 4N
ZZ4NS2TB15025L	150	150x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB15032	150	150X32 TAPPING BAND PVC/S2 4N
ZZ4NS2TB15032L	150	150x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB15040	150	150X40 TAPPING BAND PVC/S2 4N
ZZ4NS2TB15040L	150	150x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB15050	150	150X50 TAPPING BAND PVC/S2 4N
ZZ4NS2TB15050L	150	150x50 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB20020	200	200X20 TAPPING BAND PVC/S2 4N
ZZ4NS2TB20020L	200	200x20 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB20025	200	200X25 TAPPING BAND PVC/S2 4N
ZZ4NS2TB20025L	200	200x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB20032	200	200X32 TAPPING BAND PVC/S2 4N
ZZ4NS2TB20032L	200	200x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB20040	200	200X40 TAPPING BAND PVC/S2 4N
ZZ4NS2TB20040L	200	200x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB20050	200	200X50 TAPPING BAND PVC/S2 4N
ZZ4NS2TB20050L	200	200x50 TAPPING BAND S2PVC/DI 4N LILAC

Product Code	Size	Description
ZZ4NS2TB22520	225	225X20 TAPPING BAND PVC S2 4N
ZZ4NS2TB22520L	225	225X20 TAPPING BAND PVC S2 LILAC 4N
ZZ4NS2TB22525	225	225X25 TAPPING BAND PVC/S2 4N
ZZ4NS2TB22525L	225	225x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB22532	225	225X32 TAPPING BAND PVC/S2 4N
ZZ4NS2TB22532L	225	225x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB22540	225	225X40 TAPPING BAND PVC/S2 4N
ZZ4NS2TB22540L	225	225x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB22550	225	225X50 TAPPING BAND PVC/S2 4N
ZZ4NS2TB22550L	225	225x50 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB25020	250	250X20 TAPPING BAND PVC/S2 4N
ZZ4NS2TB25020L	250	250x20 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB25025	250	250x25 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB25025L	250	250x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB25032	250	250x32 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB25032L	250	250x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB25040	250	250x40 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB25040L	250	250x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB25050	250	250x50 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB25050L	250	250x50 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB30020	300	300X20 TAPPING BAND PVC S2 4N
ZZ4NS2TB30020L	300	300X20 TAPPING BAND PVC S2 LILAC 4N
ZZ4NS2TB30025	300	300x25 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB30025L	300	300x25 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB30032	300	300x32 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB30032L	300	300x32 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB30040	300	300x40 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB30040L	300	300x40 TAPPING BAND S2PVC/DI 4N LILAC
ZZ4NS2TB30050	300	300x50 TAPPING BAND S2PVC/DI 4N
ZZ4NS2TB30050L	300	300x40 TAPPING BAND S2PVC/DI 4N LILAC

4N TAPPING BANDS PE - METRIC

Product Code	Size	Description
ZZ4NTBPE11020	110	110x20 TAPPING BAND PE 4N
ZZ4NTBPE11025	110	110x25 TAPPING BAND PE 4N
ZZ4NTBPE11032	110	110x32 TAPPING BAND PE 4N
ZZ4NTBPE11040	110	110x40 TAPPING BAND PE 4N
ZZ4NTBPE11050	110	110x50 TAPPING BAND PE 4N
ZZ4NTBPE12520	125	125x20 TAPPING BAND PE 4N
ZZ4NTBPE12525	125	125x25 TAPPING BAND PE 4N
ZZ4NTBPE12532	125	125x32 TAPPING BAND PE 4N
ZZ4NTBPE12540	125	125x40 TAPPING BAND PE 4N
ZZ4NTBPE12550	125	125x50 TAPPING BAND PE 4N
ZZ4NTBPE16020	160	160x20 TAPPING BAND PE 4N
ZZ4NTBPE16025	160	160x25 TAPPING BAND PE 4N
ZZ4NTBPE16032	160	160x32 TAPPING BAND PE 4N
ZZ4NTBPE16040	160	160x40 TAPPING BAND PE 4N
ZZ4NTBPE16050	160	160x50 TAPPING BAND PE 4N
ZZ4NTBPE18020	180	180x20 TAPPING BAND PE 4N
ZZ4NTBPE18025	180	180x25 TAPPING BAND PE 4N
ZZ4NTBPE18032	180	180x32 TAPPING BAND PE 4N
ZZ4NTBPE18040	180	180x40 TAPPING BAND PE 4N
ZZ4NTBPE18050	180	180x50 TAPPING BAND PE 4N

Product Code	Size	Description
ZZ4NTBPE22520	225	225x20 TAPPING BAND PE 4N
ZZ4NTBPE22525	225	225x25 TAPPING BAND PE 4N
ZZ4NTBPE22532	225	225x32 TAPPING BAND PE 4N
ZZ4NTBPE22540	225	225x40 TAPPING BAND PE 4N
ZZ4NTBPE22550	225	225x50 TAPPING BAND PE 4N
ZZ4NTBPE31520	315	315x20 TAPPING BAND PE 4N
ZZ4NTBPE31525	315	315x25 TAPPING BAND PE 4N
ZZ4NTBPE31532	315	315x32 TAPPING BAND PE 4N
ZZ4NTBPE31540	315	315x40 TAPPING BAND PE 4N
ZZ4NTBPE31550	315	315x50 TAPPING BAND PE 4N
ZZ4NTBPE6320	63	63x20 TAPPING BAND PE 4N
ZZ4NTBPE6325	63	63x25 TAPPING BAND PE 4N
ZZ4NTBPE9020	90	90x20 TAPPING BAND PE 4N
ZZ4NTBPE9025	90	90x25 TAPPING BAND PE 4N
ZZ4NTBPE9032	90	90x32 TAPPING BAND PE 4N
ZZ4NTBPE9040	90	90x40 TAPPING BAND PE 4N
ZZ4NTBPE9050	90	90x50 TAPPING BAND PE 4N
	315+	Price and availability upon request, subject to customer's requirements

STAINLESS STEEL COUPLINGS

WANG
POLY-GIB COUPLINGS

DN 90 – DN 180 RESTRAINED MECHANICAL COUPLING FOR CONNECTING TO HDPE PIPE

FEATURES

The Poly-Gib range comes in a variety of configuration. Straight couplings, stepped couplings, flange adaptors and blank ends.

The Poly-Gib range of restrained couplings can be installed without the need to disassemble—significantly improving speed and ease of installation.

No internal stiffener require in application on HDPE pipe of SDR 11 or less.

Nitrile rubber seals suitable for potable water, waste water and oil/gas applications.

Fasteners feature a captive head configuration enabling single spanner installation.

Stainless steel components made from 316SS, that has been fully pickled and passivated.

Three bolt design is used in sizes up to DN 180 to improve installation in the field.

Components are pre-lubricated during assembly to assist installation.

Tapping pads on the blank end products permit a drain, flush or sampling point to be added to the system.

Manufacturing facility certified to ISO 9001 Quality Assured Standard.

TECHNICAL DATA

Size Range
DN 90 - DN 180

Maximum Operating Pressure
1600 kPa

Temperature Range
-10˚C to 60˚C

Relevant Standards
AS/NZS 4129:2000 - Fittings for polyethylene (PE) pipes for pressure applications

Standards: Mark Licence Certificate No SMK40080

Not applicable to Stepped Couplings.

POLY-GIB COUPLINGS

DN 90 - DN 180 RESTRAINED MECHANICAL COUPLING FOR CONNECTING TO HDPE PIPE

STRAIGHT POLY-GIB COUPLINGS

Nom. Size DN	Product Code	Flange OD A	Bolt Detail Qty	Bolt Detail Size	Barrel Length B	Bolt Length C	Pipe Gap D Minimum	Pipe Gap D Maximum	Barrel Material	Weight Approx. KG
90	KR0090DCS	238	3	M16	176	300	15	50	DI	7.4
110	KR0110ACS	265	3	M16	176	300	15	50	SS	8.4
125	KR0125ACS	265	3	M16	176	300	15	50	SS	8.7
160	KR0160ACS	315	3	M16	176	300	15	50	SS	10.4
180	KR0180ACS	315	3	M16	176	300	15	50	SS	10.3

STEPPED POLY-GIB COUPLINGS

Nom. Size DN	Product Code	Flange OD A Small	Flange OD A Large	Bolt detail Qty	Bolt detail Size	Barrel Length B	Bolt Length C	Pipe Gap D Min.	Pipe Gap D Max.	Barrel Material	Weight Approx. KG
90 / 110	KRS00900110DCS	238	265	3	M16	176	300	15	50	DI	9.4
90 / 125	KRS00900125DCS	238	265	3	M16	176	300	15	50	DI	9.5
110 / 125	KRS01100125ACS	265	265	3	M16	176	300	15	50	SS	8.5
110 / 160	KRS01100160ACS	265	315	3	M16	216	350	15	50	DI	13.1
110 / 180	KRS01100180ACS	265	315	3	M16	216	350	15	50	DI	13.1
125 / 160	KRS01250160ACS	265	315	3	M16	216	350	15	50	DI	13.3
125 / 180	KRS01250180ACS	265	315	3	M16	216	350	15	50	DI	13.2
160 / 180	KRS01600180ACS	315	315	3	M16	176	300	15	50	SS	10.4

POLY-GIB COUPLINGS

DN 90 - DN 180 RESTRAINED MECHANICAL COUPLING FOR CONNECTING TO HDPE PIPE

POLY-GIB FLANGED ADAPTER

Nom. Size DN	Product Code	Flange OD A	Bolt detail QTY	Bolt detail Size	Barrel Length B	Bolt Length C	Pipe Gap D Min.	Pipe Gap D Max.	Barrel Material	Weight Approx. KG
110	KRFA0110F100DCS	265	3	M16	150	200	15	50	DI	10.4
125	KRFA0125F100DCS	265	3	M16	150	200	15	50	DI	10.5
160	KRFA0160F150DCS	315	3	M16	150	200	15	50	DI	13.9
180	KRFA0180F150DCS	315	3	M16	150	200	15	50	DI	13.8

POLY-GIB BLANK END

Nom. Size DN	Product Code	Flange OD A	Bolt Detail Qty	Bolt Detail Size	Barrel Length B	Bolt Length C	Pipe Gap D Min.	Pipe Gap D Max.	Barrel Material	Weight Approx. KG
90	KRB0090DCS	238	3	M16	107	125	15	50	DI	6.3
110	KRB0110DCS	265	3	M16	107	125	15	50	DI	9.4
125	KRB0125DCS	265	3	M16	107	125	15	50	DI	9.5
160	KRB0160DCS	315	3	M16	107	125	15	50	DI	12.5
180	KRB0180DCS	315	3	M16	107	125	15	50	DI	12.4

VARI-FLANGED COUPLINGS

DN 80 – DN 600 ADAPT A STUB ENDED PIPE OR VALVE TO A FITTING OR PIPE WITH A FLANGED FACE

FEATURES

Vari-Flanged Couplings are utilised to enable a connection between a stub ended pipe and a valve, fitting or pipe with a flanged face. Manufactured in accordance with AS/NZS 4998.

Manufactured from grade 316 stainless steel and/or fusion bonded epoxy coated ductile iron, depending on size.

Non-standard mating flanges are available to cater for customers individual requirements (a standard flange is considered to be to AS 4087—PN 16.

A specially designed wedge shaped nitrile rubber gasket provides a potable water approved seal at the coupling end.

A 24mm OD range at the coupling end enables the product to adapt to most pipe diameters within a nominal size.

Fasteners have a captive head design to facilitate easy in field assembly.

Dry film, anti-galling coating employed on stainless steel fasteners to minimise galling.

Manufacturing facility certified to the ISO 9001 Quality Assured Standard.

TECHNICAL DATA

Size Range
DN 80 - DN 600

Maximum Operating Pressure
1600 kPa (up to and including DN 600)

Temperature Range
-10˚C to 60˚C

Relevant Standards
AS/NZS 4998 –Bolted unrestrained mechanical couplings for waterworks purposes)

AS 4020 Potable water approval.

VARI-FLANGED COUPLINGS

Nom. Pipe Size DN	Pipe OD Range MM	Flange Size MM	Product Code
100	109-133	100	KVFA0109F100DSC
150	158-182	150	KVFA0158F150DSC
200	214-236	200	KVFA0214F200ASC
225	240-264	225	KVFA0240F225ASC
250	272-296	250	KVFA0272F250ASC
300	330-354	300	KVFA0330F300ASC
350	370-394	350	KVFA0370F350CSC
	396-420	250	KVFA0396F250CSC
375	410-434	375	KVFA0410F375CSC
	436-460	375	KVFA0436F375CSC
450	488-512	450	KVFA0488F450CSC
500	552-576	500	KVFA0552F500CSC
	560-584	375	KVFA0560F375CSC
	574-598	500	KVFA0574F500CSC
	602-626	500	KVFA0602F500CSC
600	620-644	500	KVFA0620F500CSC
	658-682	600	KVFA0658F600CSC

VARI-GIB COUPLINGS

DIN 40 –DN 1200 NON-RESTRAINED MECHANICAL COUPLINGS FOR CONNECTING PIPES WITH EQUAL OR UNEQUAL DIAMETERS

FEATURES

One coupling fits a wide range of pipe OD's (up to 24mm variation), significantly reducing stockholding requirements.

Specially designed wedge shaped nitrile rubber gaskets are suitable for use with water, wastewater and gas mediums.

Compatible with most pipe types.

Vari-Gib Couplings can be installed without the need to disassemble, significantly improving speed and ease of installation.

Fasteners have a captive head configuration to enable single spanner operation, facilitating ease of field assembly.

Fasteners are 316 stainless steel for long life operation. Galvanised mild steel is available in sizes up to DN 300.

Components are pre-lubricated during assembly to assist installation.

A three bolt design is used in sizes up to DN 150 for ease of installation.

An extended range of stepped couplings are now available.

TECHNICAL DATA

Size Range:
DN 40 - DN 1200

Please contact Viadux Water for information on additional sizes not detailed in this brochure (most sizes to DN 1200 available).

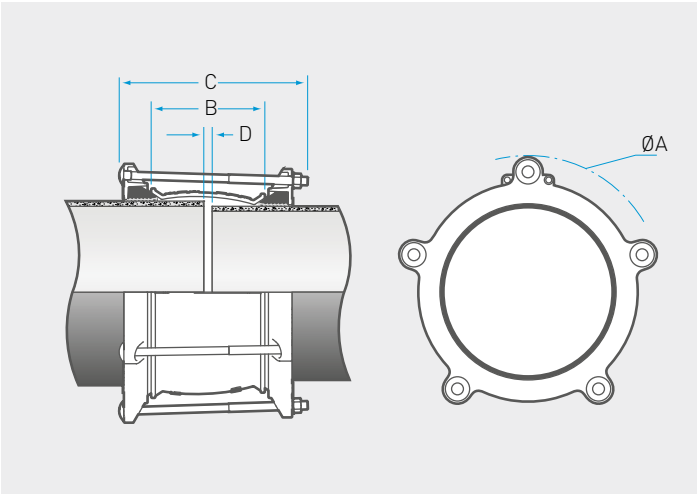
Maximum Operating Pressure
1600 kPa (up to and including DN 600).

Temperature Range:
-10˚C to 60˚C

Product Certification:
AS/NZS 4998 Lic. No. SMKP25236
– applicable up to DN 600

VARI-GIB STEPPED COUPLINGS

SPECIFICATIONS



DIMENSIONS

Nom. Size	Smaller End		Larger End		Bolt		Total Angular Deflection	Barrel Length	Bolt Length	Max. Pipe Gap	Min. Pipe Gap	Approx. Weight
DN	OD Range	Flange OD A	OD Range	Flange OD A	Qty	Size		B	C	D	D	KG
80 / 100	88–103	238	109-133	263	3	M16	6°	176	300	15	12	7.5
100 / 150	109–133	263	158-182	312	3	M16	6°	216	350	80	15	12
125 / 150	123–147	277	158-182	312	3	M16	6°	216	350	80	15	12.5
200 / 225	214–238	371	240-264	399	5	M16	6°	216	350	80	15	21
225 / 250	240–264	399	272-296	431	6	M16	6°	216	350	80	15	24
300 / 300	310–334	490	330-354	510	6	M16	6°	216	350	80	15	33
300+	Fabricated 316 stainless steel stepped couplings available above DN 300. Price available upon request.											

All dimensions in millimetres unless stated otherwise.

MATERIAL OPTIONS

Nom. Size	Barrel Ductile Iron FC Blue	Flanges Ductile Iron FC Blue	Fasteners		Gasket
DN	AS/NZS 4158	AS/NZS 4158	316 Stainless Steel	Galvanised Mild Steel	Nitrile Rubber
80 / 100	✓	✓	✓	✓	✓
100 / 150	✓	✓	✓	✓	✓
125 / 150	✓	✓	✓	✓	✓
200 / 225	✓	✓	✓	✓	✓
225 / 250	✓	✓	✓	✓	✓
300 / 300	✓	✓	✓	✓	✓

All dimensions in millimetres.

VARI-GIB STEPPED COUPLINGS

RESTRAINED MECHANICAL STRAIGHT AND STEPPED COUPLINGS

STEPPED VARI-GIB COUPLINGS - DN80-DN300

Nom. Pipe Size DN	Small End PIPE OD Range MM	Small End PIPE OD Range MM	Min. Clamp Length MM	Product Code - Galvanised Fasteners	Product Code - Stainless Steel Fasteners
80-80	88-108	88-108	176	KVS00880093DCG	KVS00880093DCS
80-100	88-103	109-133	176	KVS00880109DCG	KVS00880109DCS
100-150	109-133	158-182	216	KVS01090158DDG	KVS01090158DDS
125-150	123-147	158-182	216	KVS01230158DDG	KVS01230158DDS
200-225	214-238	240-264	216	KVS02140240DDG	KVS02140240DDS
225-250	240-264	272-296	216	KVS02400272DDG	KVS02400272DDS
300-300	310-334	330-354	216	KVS03100330DDG	KVS03100330DDS

STEPPED VARI-GIB COUPLINGS - DN300+ - STAINLESS STEEL

Nom. Pipe Size DN	Small End PIPE OD Range MM	Small End PIPE OD Range MM	Min. Clamp Length MM	Product Code - Stainless Steel Fasteners
300	342-366	360-384	216	KVS03420360CDS
	342-366	370-394	216	KVS03420370CDS
350	370-394	396-420	216	KVS03700396CDS
	370-394	410-434	216	KVS03700410CES
375	380-404	410-434	216	KVS03800410CDS
	396-420	426-450	216	KVS03960426CDS
	410-434	436-460	216	KVS04100436CDS
	422-446	452-476	216	KVS04220452CDS
400	444-468	498-522	216	KVS04440498CES
	447-471	620-644	216	KVS04470620CES
	447-471	648-672	216	KVS04470648CES
450	466-490	488-512	216	KVS04660488CDS
	498-522	510-534	216	KVS04980510CDS
	498-522	522-546	216	KVS04980522CDS
500	510-534	542-566	216	KVS05100542CDS
	530-554	552-576	216	KVS05300552CDS
	552-576	574-598	216	KVS05520574CDS
	552-576	580-604	216	KVS05520580CDS
	552-576	596-620	216	KVS05520596CES
525	574-598	596-620	216	KVS05740596CDS
	574-598	658-682	216	KVS05740658CES
	596-620	620-644	216	KVS05960620CDS
	596-620	648-672	216	KVS05960648CES
600	620-644	648-672	216	KVS06200648CDS
	640-664	648-672	216	KVS06400648CDS
	658-682	700-724	216	KVS06580700CES
	660-684	690-714	216	KVS06600690CDS
675	714-738	741-765	216	KVS07140741CDS
750	790-814	810-834	216	KVS07900810CDS
	790-814	850-874	216	KVS07900850CES
800	820-844	850-874	216	KVS08200850CDS
900	920-944	945-969	216	KVS09200945CDS

VARI-GIB STRAIGHT COUPLINGS

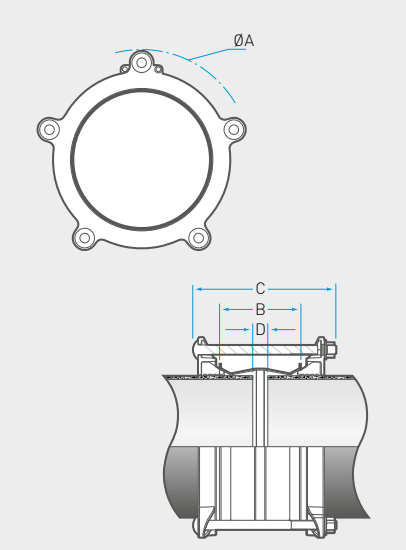
DN 40 – DN 1200 NON-RESTRAINED MECHANICAL COUPLINGS
FOR CONNECTING PIPES WITH EQUAL OR UNEQUAL DIAMETERS

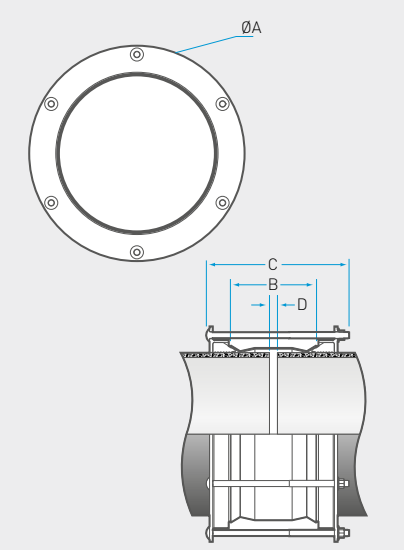
MATERIAL OPTIONS

OD Range		Barrel		Flanges		Fasteners		Gasket
Start	End	Ductile Iron FC Blue AS/NZS 4158	316 Stainless Steel	Ductile Iron FC Blue AS/NZS 4158	316 Stainless Steel	316 Stainless Steel	Galvanised Mild Steel	Nitrile Rubber
47	59	✓		✓		✓	✓	✓
59	71	✓		✓		✓	✓	✓
72	84	✓		✓		✓	✓	✓
88	103	✓		✓		✓	✓	✓
109	133		✓	✓		✓	✓	✓
123	147	✓		✓		✓	✓	✓
158	182		✓	✓		✓	✓	✓
170	194	✓		✓		✓	✓	✓
178	202	✓		✓		✓	✓	✓
214	238		✓	✓		✓	✓	✓
240	264		✓	✓		✓	✓	✓
272	296		✓	✓		✓	✓	✓
310	334		✓	✓		✓	✓	✓
330	354		✓	✓		✓	✓	✓
346	370		✓		✓	✓		✓
396	420		✓		✓	✓		✓
410	434		✓		✓	✓		✓
436	460		✓		✓	✓		✓
444	468		✓		✓	✓		✓
488	512		✓		✓	✓		✓
498	522		✓		✓	✓		✓
522	546		✓		✓	✓		✓
530	554		✓		✓	✓		✓
542	566		✓		✓	✓		✓
552	576		✓		✓	✓		✓
560	584		✓		✓	✓		✓
574	598		✓		✓	✓		✓
596	620		✓		✓	✓		✓
620	644		✓		✓	✓		✓
630	654		✓		✓	✓		✓
648	672		✓		✓	✓		✓
658	682		✓		✓	✓		✓

VARI-GIB STRAIGHT COUPLINGS

SPECIFICATIONS





DIMENSIONS

OD Range		Flange OD	Bolt		Total Angular	Barrel Length B		Bolt Length C		Max Pipe Gap D		Min. Pipe Gap D		Approx. Weight
Start	End	A	Qty	Size	Deflection	Short	Long	Short	Long	Short	Long	Short	Long	KG
47	59	191	3	M12	6°	110		200		15		12		4
59	71	198	3	M12	6°	110		200		15		12		4.5
72	84	213	3	M12	6°	110		200		15		12		5
88	103	238	3	M16	6°	110	176	240	300	15	50	12	12	5.5
109	133	263	3	M16	6°	110	176	240	300	15	50	12	12	6.5
123	147	277	3	M16	6°	110		240		15		12		8
158	182	312	3	M16	6°	110	176	240	300	15	50	12	12	7.5
170	194	324	3	M16	6°	110		240		15		12		8.5
178	202	332	4	M16	6°	110		240		15		12		10
214	238	371	5	M16	6°	136	176	240	300	30	50	15	15	11
240	264	399	5	M16	6°	136	176	240	300	30	50	15	15	13
272	296	431	6	M16	6°		176		300		50		15	14
310	334	490	6	M16	6°		216		350		80		15	24
330	354	510	6	M16	6°		216		350		80		15	26
346	370	504	8	M16	6°		216		350		80		15	30
396	420	554	8	M16	5°		216		350		80		15	37
410	434	568	8	M16	5°		216		350		80		15	38
436	460	594	8	M16	4°		216		350		80		15	42
444	468	602	8	M16	4°		216		350		80		15	45
488	512	646	10	M16	4°		216		350		80		15	49.5
498	522	656	10	M16	4°		216		350		80		15	51
522	546	679	12	M16	4°		216		350		80		15	56
530	554	688	12	M16	4°		216		350		80		15	57
542	566	700	12	M16	4°		216		350		80		25	58
552	576	710	12	M16	4°		216		350		80		25	59
560	584	717	12	M16	4°		216		350		80		25	60
574	598	732	12	M16	4°		216		350		80		25	61
596	620	754	14	M16	4°		216		350		80		25	65
620	644	777	14	M16	3°		216		350		80		25	69
630	654	788	14	M16	3°		216		350		80		25	70
648	672	806	14	M16	3°		216		350		80		25	71.5
658	682	816	14	M16	3°		216		350		80		25	72

VARI-GIB STRAIGHT COUPLINGS

SELECTION CHART FOR PN 16 OPERATING PRESSURE

VARI-GIB COUPLING

Nom. Pipe Size DN	PIPE OD Range MM	Min. Clamp Length MM	Product Code - Galvanised Fasteners	Product Code - Stainless Steel Fasteners
40	47-59	110	KV0047DAG	KV0047DAS
50	59-71	110	KV0059DAG	KV0059DAS
65	72-84	110	KV0072DAG	KV0072DAS
80	88-103	110	KV0088DAG	KV0088DAS
	88-103	176	KV0088DCG	KV0088DCS
100	109-133	110	KV0109AAG	KV0109AAS
	109-133	176	KV0109ACG	KV0109ACS
125	123-147	110	KV0123DAG	KV0123DAS
150	158-182	110	KV0158AAG	KV0158AAS
	158-182	176	KV0158ACG	KV0158ACS
	170-194	110	KV0170DAG	KV0170DAS
175	178-202	110	KV0178DAG	KV0178DAS
200	214-238	136	KV0214ABG	KV0214ABS
	214-238	176	KV0214ACG	KV0214ACS
225	240-264	136	KV0240ABG	KV0240ABS
	240-264	176	KV0240ACG	KV0240ACS
250	272-296	176	KV0272ACG	KV0272ACS
300	310-334	176	KV0310ACG	KV0310ACS
	310-334	216	KV0310ADG	KV0310ADS
	330-354	176	KV0330ACG	KV0330ACS
	330-354	216	KV0330ADG	KV0330ADS
	342-366	216	-	KV0342CDS
	346-370	216	-	KV0346CDS
	360-384	216	-	KV0360CDS
350	370-394	216	-	KV0370CDS
375	380-404	216	-	KV0380CDS
	396-420	216	-	KV0396CDS
	402-426	216	-	KV0402CDS
	410-434	216	-	KV0410CDS
	422-446	216	-	KV0422CDS
	426-450	216	-	KV0426CDS
400	436-460	216	-	KV0436CDS
	444-478	216	-	KV0444CDS
	447-471	216	-	KV0447CDS
450	466-490	216	-	KV0466CDS
	488-512	216	-	KV0488CDS
	498-522	216	-	KV0498CDS

VARI-GIB COUPLING

Nom. Pipe Size DN	PIPE OD Range MM	Min. Clamp Length MM	Product Code - Galvanised Fasteners	Product Code - Stainless Steel Fasteners
500	510-534	216	-	KV0510CDS
	522-546	216	-	KV0522CDS
	530-554	216	-	KV0530CDS
	542-566	216	-	KV0542CDS
	552-576	216	-	KV0552CDS
525	560-584	216	-	KV0560CDS
	565-589	216	-	KV0565CDS
	574-598	216	-	KV0574CDS
	580-604	216	-	KV0580CDS
	596-620	216	-	KV0596CDS
600	602-626	216	-	KV0602CDS
	608-632	216	-	KV0608CDS
	620-644	216	-	KV0620CDS
	630-654	216	-	KV0630CDS
	640-664	216	-	KV0640CDS
	648-672	216	-	KV0648CDS
	654-678	216	-	KV0654CDS
	658-682	216	-	KV0658CDS
	670-694	216	-	KV0670CDS
	690-714	216	-	KV0690CDS
	700-724	216	-	KV0700CDS
675	714-738	216	-	KV0714CDS
700	736-760	216	-	KV0736CDS
	741-765	216	-	KV0741CDS
750	750-774	216	-	KV0750CDS
	770-794	216	-	KV0770CDS
	780-804	216	-	KV0780CDS
	790-814	216	-	KV0790CDS
	799-823	216	-	KV0799CDS
	805-829	216	-	KV0805CDS
	810-834	216	-	KV0810CDS
	820-844	216	-	KV0820CDS
	830-854	216	-	KV0830CDS
	850-874	216	-	KV0850CDS
	860-884	216	-	KV0860CDS
	870-894	216	-	KV0870CDS
750+	Price and availability upon request, subject to customer's requirements			

MILD STEEL COUPLINGS

HIGH PRESSURE COUPLINGS

DN 150 – DN 2000 CONNECTION OF PIPES OF EQUAL OR UNEQUAL DIAMETERS IN A HIGH PRESSURE ENVIRONMENT

HIGH PRESSURE COUPLINGS

Outside Diameter			
Norm. Pipe Size DN	MSCL - AS1579 MM	DICL - AS/NZS2280 MM	Product Code
100		122	KD0122DS
150	168		KD0168DS
		177	KD0177DS
200	219		KD0219DS
		232	KD0232DS
225		259	KD0259DS
250	273		KD0273DS
		286	KD0286DS
300	324		KD0324DS
		345	KD0345DS
	356		KD0356DS
375	406		KD0406DS
	419		KD0419DS
		426	KD0426DS
400	445		KD0445DS
	457		KD0457DS
450	502		KD0502DS
		507	KD0507DS
	508		KD0508DS
500	559		KD0559DS
		560	KD0560DS
525	610		KD0610DS
	648		KD0648DS
600	660		KD0660DS
		667	KD0667DS
700	711		KD0711DS
	762		KD0762DS
750	800		KD0800DS
	813		KD0813DS
		826	KD0826DS
750+	Price and availability upon request, subject to customer's requirements		

FEATURES

High pressure capability. PN 35 for indicated sizes within.

Available for similar as well as stepped OD connections.

Available for most pipe types and sizes.

Mild steel construction with fusion bonded epoxy coating to 350 micron thickness.

Supplied with corrosion resistant high grade 316 stainless steel bolts.

Flanges have a captive bolt head receptor for easy field installation.

Supplied with nitrile rubber gaskets approved for potable water application.

TECHNICAL DATA

Size Range:
DN 150 to DN 2000
(for both similar and stepped OD sizes)

Pressure Rating:
PN 35 (For sizes indicated within the selection table overleaf)

Sleeve length:
254mm

Maximum Coupling Length:
365mm (bolt length)

Temperature Range:
-10˚C to 60˚C

Pipe OD Tolerance:
±3.0 mm (see 'Ovality Check' in the 'Typical installation instructions')

Relevant Standards:
FBE coating complies with AS/NZS 4020 for potable water use

NOTE: The pipe chart at left is NOT reflective of the full range of coupling sizes available but is intended to provide a selection of High Pressure Couplings for some of the common sizes of DICL and MS pipe. Please contact Viadux if your size requirements are not displayed on the selection chart. In most instances, we will be able to supply you with a High Pressure Coupling for both straight and stepped OD connections. We can cater for your requirements in sizes that are both larger and smaller than the adjacent selection range displayed.

OTHER CLAMPS & COUPLINGS

SEWER OB JUNCTION CLAMPS

DN 100 – DN 700 FOR FAST, PERMANENT BRANCH CONNECTIONS ON NON-PRESSURE SEWER PIPELINES

FEATURES

Simple and permanent installation.

Quickly repairs and reconnects broken sewer junctions.

Expedient means of replacing property branches on renewed/relined pipes.

45° and 90° junctions available.

uPVC access coupling fixed to off-take (as standard) for convenient solvent weld connections to PVC property drains.

Fully constructed from 316 stainless steel for high corrosion protection.

Full circle nitrile rubber gasket.

Fully passivated.

All sharp surfaces linished to avoid injury.

Plastic thread protectors.

Dry film anti-galling coating employed to minimise galling of the stainless steel fasteners.

Off-take does not interfere with CCTV camera inspections.

Clamp design provides rehabilitation to old or damaged pipes.

Manufacturing facility certified to ISO 9001 quality assured standard.

TECHNICAL DATA

Size Range:
DN 100 – DN 450

Offtake Sizes:
DN 100, DN 150, DN 225
(Depending on host pipe size)

Maximum Operating Pressure:
100 kPa

Temperature Range:
-10° to 60°C

SEWER OB JUNCTION CLAMPS

Nom. Pipe Size DN	Start of OD Range MM	Nominal Offtake Size MM	No of Bolts	Min Clamp Length MM	Product Code - 45 Deg	Product Code - 90 Deg
100	120	110	6	300	K6-120W110BCA	K6-120W110BCC
	135	110	6	300	K6-135W110BCA	-
150	150	110	6	300	K6-150W110BCA	K6-150W110BCC
	160	110	6	300	K6-160W110BCA	K6-160W110BCC
		160	8	400	K8-160W160BDA	K8-160W160BDC
	175	110	6	300	K6-175W110BCA	-
		160	8	400	K8-175W160BDA	-
	190	110	6	300	K6-190W110BCA	K6-190W110BCC
		160	8	400	K8-190W160BDA	K8-190W160BDC
200	225	110	6	300	K6-225W110BCA	-
		160	8	400	K8-225W160BDA	K8-225W160BDC

SEWER OB JUNCTION CLAMPS

DN 100 – DN 700 FOR FAST, PERMANENT BRANCH CONNECTIONS ON NON-PRESSURE SEWER PIPELINES

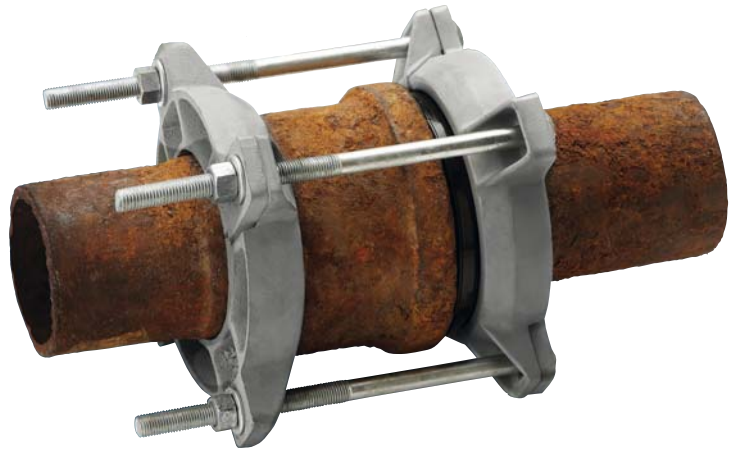
SEWER OB JUNCTION CLAMPS

Nom. Pipe Size DN	Start of OD Range MM	Nominal Offtake Size MM	No of Bolts	Min Clamp Length MM	Product Code - 45 Deg	Product Code - 90 Deg
225	240	160	8	400	K8-240W160BDA	K8-240W160BDC
	245	110	6	300	K6-245W110BCA	-
		160	8	400	K8-245W160BDA	K8-245W160BDC
	255	110	6	300	K6-255W110BCA	K6-255W110BCC
		160	8	400	K8-255W160BDA	-
	270	160	8	400	K8-270W160BDA	-
	275	110	6	300	K6-275W110BCA	-
		160	8	400	K8-275W160BDA	K8-275W160BDC
		225	14	600	K14-275W250BFA	K14-275W250BFC
250	285	110	6	300	K6-285W110BCA	-
		160	8	400	K8-285W160BDA	-
300	310	110	6	300	K6-310W110BCA	-
		160	8	400	K8-310W160BDA	K8-310W160BDC
	320	160	8	400	K8-320W160BDA	-
	330	110	6	300	K6-330W110BCA	-
		160	8	400	K8-330W160BDA	-
	340	225	14	600	K14-340W250BFA	K14-340W250BFC
	345	160	8	400	K8-345W160BDA	K8-345W160BDC
	350	110	6	300	K6-350W110BCA	-
		160	8	400	K8-350W160BDA	-
	360	110	6	300	K6-360W110BCA	K6-360W110BCC
		160	8	400	K8-360W160BDA	-
		225	14	600	K14-360W250BFA	K14-360W250BFC
	370	110	6	300	K6-370W110BCA	-
		160	8	400	K8-370W160BDA	K8-370W160BDC
		225	14	600	K14-370W250BFA	-
375	400	110	6	300	K6-400W110BCA	K6-400W110BCC
		160	8	400	K8-400W160BDA	K8-400W160BDC
	420	110	6	300	K6-420W110BCA	-
		160	8	400	K8-420W160BDA	-
		225	14	600	K14-420W250BFA	-
	440	110	6	300	K6-440W110BCA	-
		160	8	400	K8-440W160BDA	-
450	450	110	6	300	K6-450W110BCA	-
	480	160	8	400	K8-480W160BDA	-
		225	14	600	K14-480W250BFA	-
	500	110	6	300	K6-500W110BCA	-
		160	8	400	K8-500W160BDA	-
	530	110	6	300	K6-530W110BCA	-
		160	8	400	K8-530W160BDA	-
600	610	110	6	300	K6-610W110BCA	-
	660	110	6	300	K6-660W110BCA	-
700	710	110	6	300	K6-710W110BCA	-

All dimensions in millimetres unless stated otherwise.

SOCKET LEAK CLAMPS

DN 80 – DN 120 ENDS LEAKS AT THE SOCKET-SPIGOT JOINT OR COLLARS



Can be installed on a pipe under working pressure.

Eliminates the need to cut out an affected socket-spigot joint and replace with a section of pipe.

The interlock gasket system eliminates the need for on-site cutting and glueing, stapling or taping of the gasket.

Lightweight self locking segments allow for easy, one person installation.

Available with galvanised steel or 316 stainless steel fasteners.

FEATURES

Available for DICL, CICL and AC pipes from DN 80 to DN 1200 (suit only DI pipe manufactured before 2003).

Ductile iron construction.

Nitrile interlock gasket supplied to fit pipe outside diameter.

TECHNICAL DATA

Size Range:
DN 80 – DN 1200

Maximum Operating Pressure:
1 kPa

Temperature Range:
-1° to 0°C

SOCKED LEAK CLAMPS

Nom. Pipe Size DN	Pipe Od Range MM	Product Code - Galvanised Fasteners	Product Code - Stainless Steel Fasteners
80	96-100	KSC-096G	KSC-096S
100	122-127	KSC-122G	KSC-122S
150	175-180	KSC-175G	KSC-175S
200	230-236	KSC-230G	KSC-230S
225	256-262	KSC-256G	KSC-256S
250	282-289	KSC-282G	KSC-282S
300	345-355	KSC-345G	KSC-345S
350	360-370	KSC-360G	KSC-360S
	380-390	KSC-380G	-
375	425-430	KSC-425G	KSC-425S
	440-450	KSC-440G	KSC-440S
400	450-460	KSC-450G	KSC-450S
450	500-510	KSC-500G	KSC-500S
500	552-562	KSC-552G	KSC-552S
525	590-604	KSC-590G	KSC-590S
600	616-630	KSC-616G	KSC-616S
	645-655	-	KSC-645S
	660-670	KSC-660G	KSC-660S
675	720-730	KSC-720G	KSC-720S
700	760-770	KSC-760G	-
750	820-830	KSC-820G	-
900	960-990	-	KSC-960S
1200	1290-1325	-	KSC-1290S

SOCKED LEAK CLAMPS - DOUBLE COLLAR SEAL

Nom. Pipe Size DN	Pipe Od Range MM	Product Code - Galvanised Fasteners	Product Code - Stainless Steel Fasteners
80	96-100	KSC-096GD	KSC-096SD
100	122-127	KSC-122GD	KSC-122SD
150	175-180	KSC-175GD	KSC-175SD
200	230-236	KSC-230GD	KSC-230SD
225	256-262	KSC-256GD	KSC-256SD
250	282-289	-	KSC-282SD
300	345-355	KSC-345GD	KSC-345SD
375	425-430	KSC-425GD	KSC-425SD
400	450-460	KSC-450GD	KSC-450SD
450	500-510	KSC-500GD	KSC-500SD
525	590-604	KSC-590GD	-
600	616-630	-	KSC-616SD
	645-655	KSC-645GD	-
	660-670	KSC-660GD	KSC-660SD
675	720-730	KSC-720GD	-

BLANK END VARI-GIB COUPLING

DN 80 – DN 600 NON-RESTRAINED MECHANICAL COUPLING BLANK FOR SEALING OFF PIPE ENDS

FEATURES

The variable OD range of each coupling often enables application on more than one pipe type and size, thereby significantly reducing stockholding requirements.

Compatible with most pipe types.

Specially designed wedge shaped nitrile rubber gasket is suitable for use with water, wastewater and gas mediums.

Fasteners have a captive head configuration to enable single spanner operation, facilitating ease of field assembly.

Fasteners are 316 stainless steel for extended longevity.

A three bolt design is used in sizes up to DN 150 for ease of installation.

A 'Tapping Pad' on the blank end permits a drain flush or sampling point to be added to the system.

Manufacturing facility certified to the ISO 9001 Quality Assured Standard.

BLANK END VARI-GIB COUPLINGS

Nom. Pipe Size DN	PIPE OD Range MM	Product Code
80	88-103	KVB0088DS
100	109-133	KVB0109DS
150	158-182	KVB0158DS
200	214-238	KVB0214DS
225	240-264	KVB0240DS
250	272-296	KVB0272DS
300	310-334	KVB0310DS
	330-354	KVB0330DS
350	370-394	KVB0370DS
375	380-404	KVB0380CS
	396-420	KVB0396CS
	410-434	KVB0410CS
400	436-460	KVB0436CS
450	466-490	KVB0466CS
	488-512	KVB0488CS
	498-522	KVB0498CS
500	510-534	KVB0510CS
600	630-654	KVB0630CS
	648-672	KVB0648CS

TECHNICAL DATA

Size Range:
DN 80 – DN 250 (see reverse)

Maximum Operating Pressure:
1600 kPa

Temperature Range:
-10° to 60°C

Relevant Standards:
AS/NZS 4998
Lic. No SMKP25236

Notes:

1. Product not recommended for use on HDPE pipe.
2. Vari-Gib blank ends are a non-restrained mechanical coupling and adequate shoring will be required at the fittng to prevent axial dislodgement under pressure.