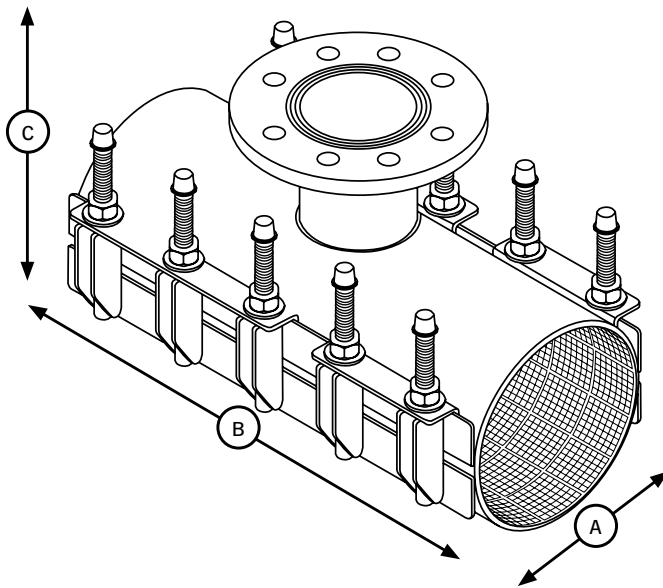


HandiTee DN80 to DN250 Clamp Length 600 to 1000mm

Datasheet 3/8

HandiTee



HandiTee Under Pressure Tapping Tee

DN (mm)	OD Range (mm)	Working Pressure		Length of Clamp (mm)											
				600				800				1000			
				Gas (bar)	Water (bar)	Max Flange Nom & Flange Drilling	A (mm)	B (mm)	C (mm)	Max Flange Nom & Flange Drilling	A (mm)	B (mm)	C (mm)	Max Flange Nom & Flange Drilling	A (mm)
80	88-110	4.0	16.0	DN65 PN10/16	140	600	260	Not Available	Not Available						
80	100-120	4.0	16.0	DN80 PN10/16	140	600	260								
100	108-128	3.0	12.0	DN80 PN10/16	160	600	280								
100	114-134	3.0	12.0	DN80 PN10/16	160	600	280								
100	120-140	3.0	12.0	DN80 PN10/16	160	600	280								
100	130-150	3.0	12.0	DN100 PN10/16	160	600	280								
125	133-155	3.0	12.0	DN100 PN10/16	185	600	305								
125	135-155	3.0	12.0	DN125 PN10/16	185	600	305								
125	140-160	3.0	12.0	DN125 PN10/16	185	600	305								
150	158-180	3.0	12.0	DN125 PN10/16	210	600	330								
150	165-185	3.0	12.0	DN125 PN10/16	210	600	330								
150	168-189	3.0	12.0	DN125 PN10/16	210	600	330								
150	170-190	3.0	12.0	DN150 PN10/16	210	600	330								
150	176-196	3.0	12.0	DN150 PN10/16	210	600	330								
150	180-200	3.0	12.0	DN150 PN10/16	210	600	330								
150	190-210	3.0	12.0	DN150 PN10/16	210	600	330								
150	195-217	3.0	12.0	DN150 PN10/16	210	600	330								
150	205-225	3.0	12.0	DN150 PN10/16	210	600	330								
200	210-230	3.0	12.0	DN150 PN10/16	260	600	380								
200	216-238	3.0	10.0	DN150 PN10/16	260	600	380								
200	225-246	3.0	10.0	DN150 PN10/16	260	600	380								
200	230-250	3.0	10.0	DN150 PN10/16	260	600	380								
225	240-260	3.0	10.0	DN200 PN10	285	600	405								
225	250-270	3.0	10.0	DN200 PN10	285	600	405								
250	260-280	3.0	10.0	DN200 PN10	310	600	430								
250	269-289	3.0	10.0	DN200 PN10	310	600	430								
250	273-293	3.0	10.0	DN200 PN10	310	600	430								
250	282-302	3.0	10.0	DN200 PN10	310	600	430								

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When using HandiRange products on PE pipe, consideration to clamp length must be given, please contact the Viking Johnson Marketing Department for more details.

DR10998_01_10_2024_ISSUE 8

HandiTee DN80 to DN250 Clamp Length 600 to 1000mm

Datasheet

4/8

Technical Information

Pressure Rating

- ▶ Water = In accordance the rating as defined in the tables.
- ▶ Gas = In accordance the rating as defined in the tables.

Vacuum Pressure

Capable of accommodating a vacuum pressure of -0.7 bar.

Site Test Pressure

1.5 times working pressure for short duration (2 hours).

Angularity

HandiTee fittings are not able to accommodate any angularity.

Bolt Torque/Spanner

M16; Torque = 95-120Nm on every bolt

Temperature Rating of Product

- ▶ EPDM = -20°C to +40°C
- ▶ Nitrile = 20°C to +40°C

Note: HandiTee is not suitable for use on heating systems with fluctuating temperatures

End Load Due to Internal Pressure

HandiTee fittings DO NOT resist end load due to the internal pressure - adequate external restraint must be provided to prevent pipe pull out from the clamp.

Loads from Drilling Equipment and Valve / Branch Pipework

HandiTee is not designed to accommodate / resist the loads from the under pressure drilling equipment, which needs to be supported externally during the operation to drill into the main. In addition, the valve and branch pipework needs to be adequately supported to ensure none of the dead / live loads are imposed in the branch outlet in the HandiTee.

Approvals

The following water contact materials used in HandiTee are approved for use with potable water:-

- ▶ EPDM Gaskets; WRAS

Materials & Relevant Standards

Body & Plates

Shell, channel plate, bridging plate, lug plate & nut plate
Stainless Steel AISI 304 (A2)

Gasket

EPDM as standard, Nitrile option

Flange Outlets

Stainless Steel AISI 304, flanges according to DIN2576
varying from DN50 up to DN300

Bolts

Stainless Steel AISI 304 (A2); M16
(metric thread according DIN267),
thread is PTFE coated to prevent galling

Nuts

Stainless Steel AISI 304 (A2). M16 according DIN934

Washers

Stainless Steel BS1449:PART 2 GRADE 304S15

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