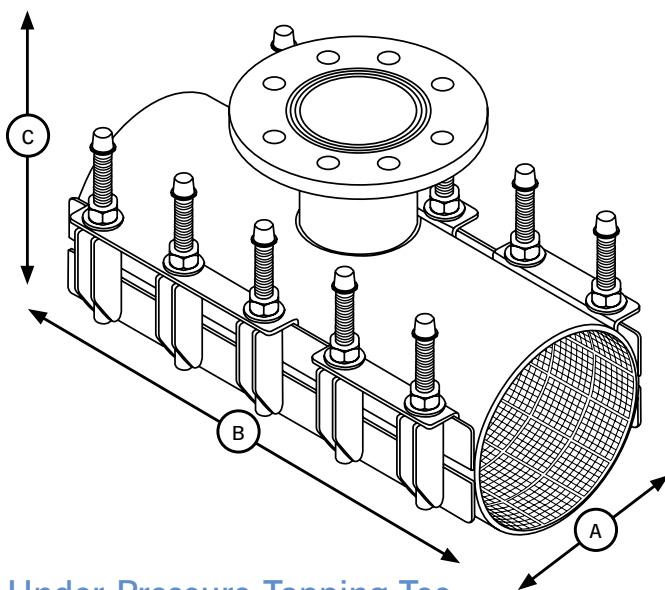


HandiTee DN300 to DN750 Clamp Length 300 to 500mm

HandiTee



HandiTee Under Pressure Tapping Tee

DN (mm)	OD Range (mm)	Working Pressure		Length of Clamp (mm)											
				300			400			500					
				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)	B (mm)	C (mm)
300	295-315	3.0	10.0	DN65 PN10/16	360	300	480	DN150 PN10/16	360	400	480	DN200 PN10	360	500	480
300	314-334	3.0	10.0	DN65 PN10/16	360	300	480	DN150 PN10/16	360	400	480	DN200 PN10	360	500	480
300	322-344	3.0	10.0	DN65 PN10/16	360	300	480	DN150 PN10/16	360	400	480	DN200 PN10	360	500	480
300	335-355	3.0	10.0	DN65 PN10/16	360	300	480	DN150 PN10/16	360	400	480	DN200 PN10	360	500	480
300	347-367	3.0	10.0					DN150 PN10/16	360	400	480	DN200 PN10	360	500	480
350	350-368	3.0	10.0					DN150 PN10/16	410	400	530	DN200 PN10	410	500	530
350	360-380	3.0	10.0					DN150 PN10/16	410	400	530	DN200 PN10	410	500	530
350	365-385	3.0	10.0					DN150 PN10/16	410	400	530	DN200 PN10	410	500	530
350	382-402	3.0	10.0					DN150 PN10/16	410	400	530	DN200 PN10	410	500	530
350	396-420	3.0	10.0					DN150 PN10/16	410	400	530	DN200 PN10	410	500	530
400	404-424	3.0	10.0					DN150 PN10/16	460	400	580	DN200 PN10	460	500	580
400	410-430	3.0	10.0					DN150 PN10/16	460	400	580	DN200 PN10	460	500	580
400	420-440	2.0	6.0									DN200 PN10	460	500	580
450	435-455	2.0	6.0									DN200 PN10	510	500	630
450	468-488	2.0	6.0									DN200 PN10	510	500	630
450	485-505	2.0	6.0									DN200 PN10	510	500	630
500	532-552	2.0	6.0									DN200 PN10	560	500	680
500	545-575	2.0	6.0									DN200 PN10	560	500	680
500	568-498	2.0	6.0									DN200 PN10	560	500	680
600	588-618	2.0	6.0									DN200 PN10	660	500	780
600	608-638	2.0	6.0												
600	628-658	2.0	6.0												
600	648-678	2.0	6.0												
600	668-698	2.0	6.0												
600	688-718	2.0	6.0												
700	708-738	2.0	6.0												
700	728-758	2.0	6.0												
750	748-778	2.0	6.0												
750	768-798	2.0	6.0												

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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.

HandiTee DN300 to DN750 Clamp Length 300 to 500mm

Datasheet

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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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