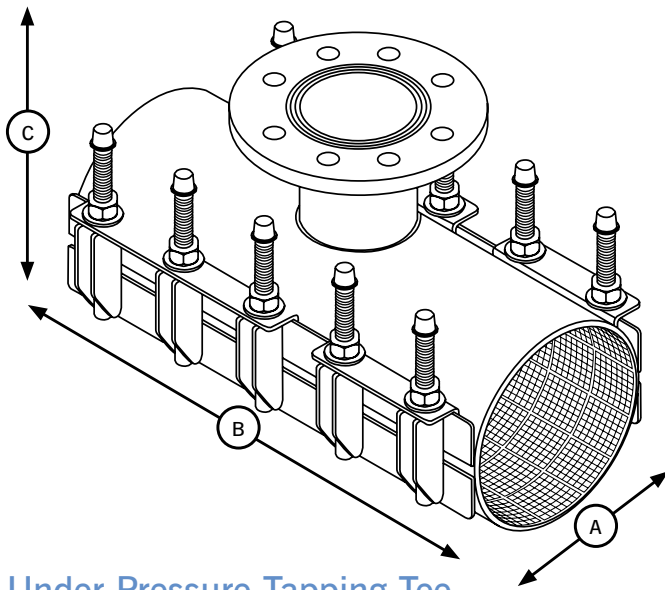


HandiTee DN300 to DN750 Clamp Length 600 to 1000mm

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)	B (mm)
300	295-315	3.0	10.0	DN200 PN10	360	600	480									
300	314-334	3.0	10.0	DN250 PN10	360	600	480									
300	322-344	3.0	10.0	DN250 PN10	360	600	480									
300	335-355	3.0	10.0	DN250 PN10	360	600	480									
300	347-367	3.0	10.0	DN250 PN10	360	600	480									
350	350-368	3.0	10.0	DN250 PN10	410	600	530									
350	360-380	3.0	10.0	DN250 PN10	410	600	530									
350	365-385	3.0	10.0	DN250 PN10	410	600	530	DN300 PN10	410	800	530	DN300 PN10	410	1000	530	
350	382-402	3.0	10.0	DN250 PN10	410	600	530	DN300 PN10	410	800	530	DN300 PN10	410	1000	530	
350	396-420	3.0	10.0	DN250 PN10	410	600	530	DN300 PN10	410	800	530	DN300 PN10	410	1000	530	
400	404-424	3.0	10.0	DN250 PN10	460	600	580	DN300 PN10	460	800	580	DN300 PN10	460	1000	580	
400	410-430	3.0	10.0	DN250 PN10	460	600	580	DN300 PN10	460	800	580	DN300 PN10	460	1000	580	
400	420-440	2.0	6.0	DN250 PN10	460	600	580	DN300 PN10	460	800	580	DN300 PN10	460	1000	580	
450	435-455	2.0	6.0	DN250 PN10	510	600	630	DN300 PN10	510	800	630	DN300 PN10	510	1000	630	
450	468-488	2.0	6.0	DN250 PN10	510	600	630	DN300 PN10	510	800	630	DN300 PN10	510	1000	630	
450	485-505	2.0	6.0	DN250 PN10	510	600	630	DN300 PN10	510	800	630	DN300 PN10	510	1000	630	
500	532-552	2.0	6.0	DN250 PN10	560	600	680	DN300 PN10	560	800	680	DN300 PN10	560	1000	680	
500	545-575	2.0	6.0	DN250 PN10	560	600	680	DN300 PN10	560	800	680	DN300 PN10	560	1000	680	
500	568-498	2.0	6.0	DN250 PN10	560	600	680	DN300 PN10	560	800	680	DN300 PN10	560	1000	680	
600	588-618	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
600	608-638	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
600	628-658	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
600	648-678	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
600	668-698	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
600	688-718	2.0	6.0	DN250 PN10	660	600	780	DN300 PN10	660	800	780	DN300 PN10	660	1000	780	
700	708-738	2.0	6.0	DN250 PN10	760	600	880	DN300 PN10	760	800	880	DN300 PN10	760	1000	880	
700	728-758	2.0	6.0	DN250 PN10	760	600	880	DN300 PN10	760	800	880	DN300 PN10	760	1000	880	
750	748-778	2.0	6.0	DN250 PN10	810	600	930	DN300 PN10	810	800	930	DN300 PN10	810	1000	930	
750	768-798	2.0	6.0	DN250 PN10	810	600	930	DN300 PN10	810	800	930	DN300 PN10	810	1000	930	

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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.

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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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