4×3 Shear Elbow – 90 Degree

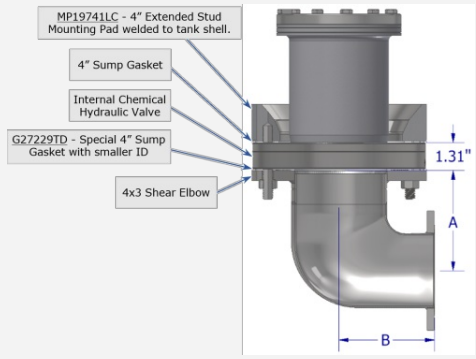
Shear elbows are designed to satisfy the sacrificial shear section requirements of 49CFR §178.345-8 as tested and verified per TTMA RP84. They are Ideal to be used with a Internal Hydraulic Valve.

Elbows are constructed of 316 stainless with a 4" sump inlet flanges and outlet piping flanges as shown in table below. Steam jacket versions are available for temperature sensitive product and have ¾" NPT inlet/outlet ports.

Shear Elbow MAWP: 50 psi [3.4 bar]
Minimum bursting pressure: 200 psi [13.8 bar]
$F_{b\text{-}max}$ per TTMA RP 86: 20,200 lbs [9,163 kg]

***** The "A" dimension shown is for the Shear Elbow only. To compare this to External or Quick Clean Valve, the thickness of the Internal Valve flange and thickness of gasket must be added to the "A" dimension.

Part #	Description	Intlet (4" Sump TTMA)	Outlet (Flange 3" TTMA)	Dimensions	Weight
CH26165SS	4x3 Shear Elbow	**B.C.:** 7.25 " [184 mm] **8 Holes:** 0.563" [14.3 mm]	**B.C.:** 4.88 " [124 mm] **8 Holes:** 0.438" [11.1 mm]	**A:** 4.75" [121 mm] **B:** 4.50" [114 mm]	9.4 lbs. [4.3 kg]
CH26166SS	4x3 Shear Elbow with Jacket	**B.C.:** 7.25 " [184 mm] **8 Holes:** 0.563" [14.3 mm]	**B.C.:** 4.88 " [124 mm] **8 Holes:** 0.438" [11.1 mm]	**A:** 4.75" [121 mm] **B:** 4.50" [114 mm]	13.7 lbs. [6.2 kg]



Shear Elbow Dimensions

⚠ **WARNING**: This product can expose you to chemicals including Chromium (hexavalent compounds) which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov. For additional information on Betts products and Proposition 65 list please see: http://www.bettsind.com/prop-65/