

# Stainless Steel Tube Fittings

## 45° Uni Bends / Elbows (1.5D nominal centreline radius)

	Unit Weight (KG)	Grade	Radius (mm)
45° Uni 1.6x25.4	0.08	316L	37.1
45° Uni 1.6x31.8	0.12	316L	47.6
45° Uni 1.6x38.1	0.12	316L	57.2
45° Uni 1.6x44.5	0.23	316L	79.4
45° Uni 1.6x50.8	0.23	304L, 316L	76.2
45° Uni 1.6x63.5	0.32	304L, 316L	95.3
45° Uni 1.6x76.2	0.43	304L, 316L	114.3
45° Uni 1.6x101.6	0.66	304L, 316L	152.4
45° Uni 1.6x127	1.12	304L, 316L	190.5
45° Uni 2.0x152.4	2.00	316L	228.6

## 90° Bends / Elbows (1.5D centreline radius)

	Unit Weight (KG)	Grade	Radius (mm)
90° Uni 1.6x25.4	0.11	316L	38.1
90° Uni 1.6x31.8	0.15	316L	47.6
90° Uni 1.6x38.1	0.21	316L	57.2
90° NZ 1.6x44.5	0.32	316L	79.4
90° Uni 1.6x50.8	0.34	304L, 316L	76.2
90° Uni 1.6x63.5	0.48	304L, 316L	95.3
90° Uni 1.6x76.2	0.66	304L, 316L	114.3
90° Uni 1.6x101.6	1.12	304L, 316L	152.4
90° Uni 1.6x127	1.85	304L, 316L	190.5
90° Uni 2.0x152.4	3.20	316L	228.6

## Concentric Short Reducers

	Unit Weight (KG)	Grade
Reducer Con 1.6x31.8-25.4	0.04	316L
Reducer Con 1.6x38.1-25.4	0.05	316L
Reducer Con 1.6x38.1-31.8	0.05	316L
Reducer Con 1.6x50.8-25.4	0.08	316L
Reducer Con 1.6x50.8-31.8	0.18	316L
Reducer Con 1.6x50.8-38.1	0.08	316L
Reducer Con 1.6x63.5-25.4	0.13	316L
Reducer Con 1.6x63.5-31.8	0.13	316L
Reducer Con 1.6x63.5-38.1	0.13	316L
Reducer Con 1.6x63.5-50.8	0.13	316L
Reducer Con 1.6x76.2-25.4	0.15	316L
Reducer Con 1.6x76.2-38.1	0.19	316L
Reducer Con 1.6x76.2-50.8	0.18	316L
Reducer Con 1.6x76.2-63.5	0.19	316L
Reducer Con 1.6x101.6-38.1	0.30	316L
Reducer Con 1.6x101.6-50.8	0.33	316L
Reducer Con 1.6x101.6-63.5	0.32	316L
Reducer Con 1.6x101.6-76.2	0.33	316L
Reducer Con 1.6x127-76.2	0.55	316L
Reducer Con 1.6x127-101.6	0.59	316L
Reducer Con 1.6x152.4-50.8	0.66	316L
Reducer Con 1.6x152.4-76.2	0.79	316L
Reducer Con 1.6x152.4-101.6	0.98	316L

Short reducer. Height equal to widest diameter.

## 180° Bends / Elbows (1.5D centreline radius)

	Unit Weight (KG)	Grade	Radius (mm)
180° Uni 1.6x38.1	0.32	316L	57.2
180° Uni 1.6x50.8	0.55	316L	76.2

## Tees Equal

	Unit Weight (KG)	Grade
Tee Equal 1.6x25.4	0.09	316L
Tee Equal 1.6x31.8	0.15	316L
Tee Equal 1.6x38.1	0.21	316L
Tee Equal 1.6x50.8	0.38	316L
Tee Equal 1.6x63.5	0.69	316L
Tee Equal 1.6x76.2	0.89	316L
Tee Equal 1.6x101.6	1.63	316L

Leg length equal to tube diameter. Tee length 3x tube diameter.

## Tees Pulled

	Unit Weight (KG)	Grade
Tee Pulled 1.6x25.4	0.18	316L
Tee Pulled 1.6x31.8	0.24	316L
Tee Pulled 1.6x38.1	0.37	316L
Tee Pulled 1.6x50.8	0.64	316L
Tee Pulled 1.6x63.5	1.15	316L
Tee Pulled 1.6x76.2	1.50	316L
Tee Pulled 1.6x101.6	2.62	316L

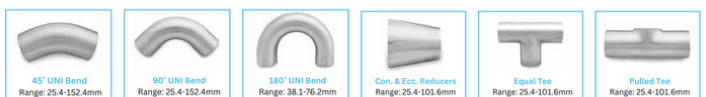
Leg length equal to tube diameter. Tee length 3x tube diameter.

## Eccentric Short Reducers

	Unit Weight (KG)	Grade
Reducer Ecc 1.6x38.1-25.4	0.05	316L
Reducer Ecc 1.6x38.1-31.8	0.05	316L
Reducer Ecc 1.6x50.8-25.4	0.09	316L
Reducer Ecc 1.6x50.8-38.1	0.08	316L
Reducer Ecc 1.6x63.5-38.1	0.13	316L
Reducer Ecc 1.6x63.5-50.8	0.13	316L
Reducer Ecc 1.6x76.2-38.1	0.13	316L
Reducer Ecc 1.6x76.2-50.8	0.19	316L
Reducer Ecc 1.6x76.2-63.5	0.18	316L
Reducer Ecc 1.6x101.6-38.1	0.19	316L
Reducer Ecc 1.6x101.6-50.8	0.30	316L
Reducer Ecc 1.6x101.6x63.5	0.32	316L
Reducer Ecc 1.6x101.6x76.2	0.33	316L
Reducer Ecc 1.6x127x101.6	0.59	316L
Reducer Ecc 1.6x152.4-76.2	0.79	316L
Reducer Ecc 1.6x152.4x101.6	0.98	316L

Short reducer. Height equal to widest diameter.

Other sizes and sanitary fittings, including RJT and BSM unions, ferrules, tri-clamps, valves, caps and custom bends are available on request, in both 304 and 316. Availability is overnight in most cases.



45° UNI Bend  
Range: 25.4-152.4mm

90° UNI Bend  
Range: 25.4-152.4mm

180° UNI Bend  
Range: 38.1-76.2mm

Con. & Ecc. Reducers  
Range: 25.4-101.6mm

Equal Tee  
Range: 25.4-101.6mm

Pulled Tee  
Range: 25.4-101.6mm