



# Nipple Outlet

**Specification:** ASME B31.1

Also in ASME B31.3, ASME B31.8, and ASME BPVC Sec I & Sec VIII Div 2  
Threaded ends per ASME B1.20.1 • Beveled ends per ASME B16.25

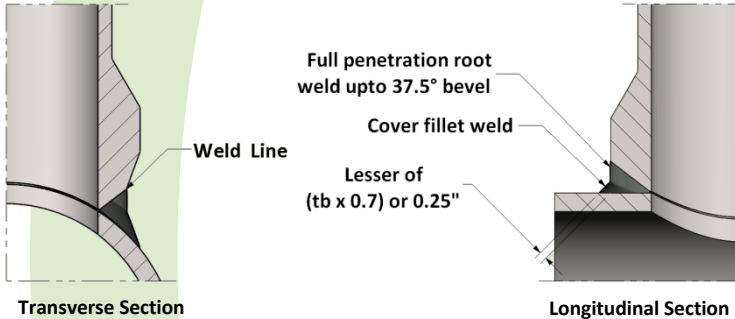
**Material:** Available in a complete range of Carbon Steels, Stainless Steels, Alloy Steels and Non-ferrous metals certified to ASTM, ASME, and Military standards.

**Sizes:** 1/2" – 6" in all Schedules

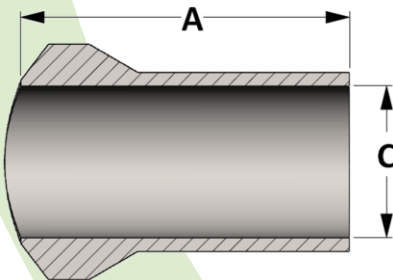
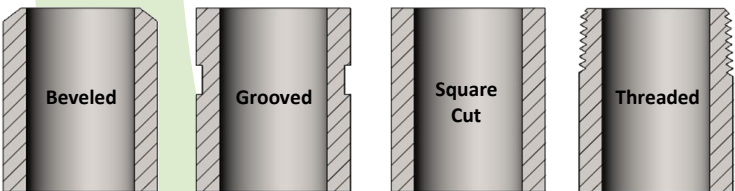
Also available in other requirements such as pressure and temperature specifics and special header, branch wall thickness.

Available in standard lengths and **in any length the customer desires**

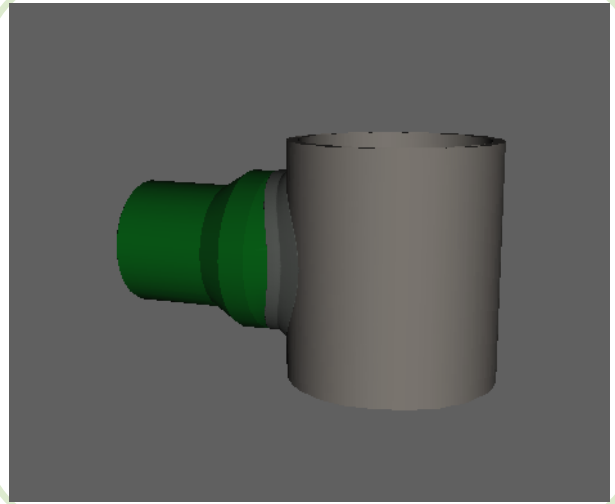
## Welding onto Header Pipe



## End Preparations



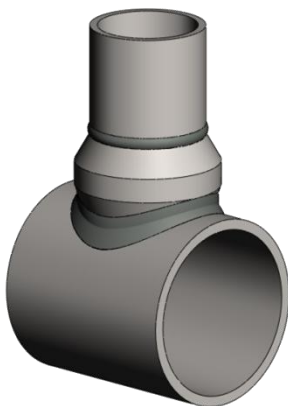
Active  
**3D**  
Model



All dimensions are in inches • Weights are based on Carbon Steel

PIPE SIZE	STD – Figure No. 45535			XH – Figure No. 48535			S160 – Figure No. 52535			XXH – Figure No. 53535		
	A	C	LBS	A	C	LBS	A	C	LBS	A	C	LBS
1/2	3.500	0.622	0.33	3.500	0.546	0.39	3.500	0.466	0.55	3.500	0.252	0.57
3/4	3.500	0.824	0.44	3.500	0.742	0.53	3.500	0.614	0.82	3.500	0.434	0.83
1	3.500	1.049	0.70	3.500	0.957	0.81	3.500	0.815	1.32	3.500	0.599	1.39
1-1/4	3.500	1.380	1.036	3.500	1.278	1.22	3.500	1.160	1.83	3.500	0.896	1.86
1-1/2	3.500	1.610	1.23	3.500	1.500	1.45	3.500	1.338	2.73	3.500	1.100	2.37
2	3.500	2.067	1.72	3.500	1.939	2.08	3.500	1.689	3.71	3.500	1.503	3.57

## Advantages of a Nipple Outlet



### Nipple & Branch Connection

- Two fittings
- Two MTR's
- Two welds
- Rough Transition
- More labor

### Nipple Outlet

- One fitting
- One MTR
- One weld
- Smooth Transition
- Less labor

