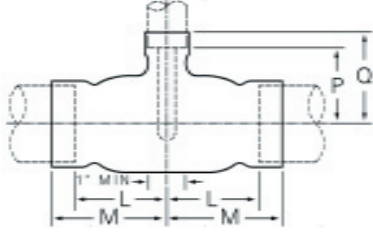


## Copper-Nickel Belled End Fittings

### Straight Thermowell Tees- NAVSEA 802-5959353 App.B, MSS SP-119



- UNS Designation Numbers: 90-10 (UNS C70600) and 70-30 (UNS C71500).
- Nominal Chemicals 90-10: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Nominal Chemicals 70-30: Copper 69.5%, Nickel 30.0%, Iron 0.5%.

Nominal Pipe Size	Body Nominal Pipe Size	Minimum Wall	L	M	P	Q	Weight	90-10 Part Number	70-30 Part Number
$1/2 \times 1/2 \times 3/4$	$3/4$	.065	2.18	2.5	1.87	2.19	.5	470572	480268
$3/4 \times 3/4 \times 3/4$	1	.065	2.18	2.5	1.87	2.19	.7	483428	483452
$1 \times 1 \times 3/4$	$1 1/4$	.065	2.12	2.5	1.87	2.19	.8	483436	483266
$1 1/4 \times 1 1/4 \times 3/4$	$1 1/2$	.072	2.56	3.0	2.06	2.38	1	483444	483274
$1 1/2 \times 1 1/2 \times 3/4$	2	.072	2.44	3.0	2.06	2.38	1.5	483460	483478

Dimensions M and Q are center to end of fitting.

Dimensions P and L are center of fitting to end of adjoining pipe or thermowell base.

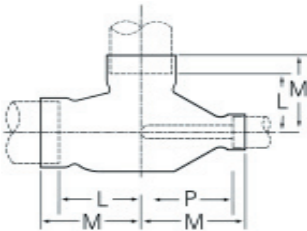
Fitting minimum wall thickness corresponds with Body Nominal Pipe Size.

The radius of curvature of the external contoured portion of the branch outlet measured in the plane containing the axes of the run and branch shall not be less than 0.05 times the outside diameter of the branch.

Dimensions are in inches.

Sizes not shown may be available upon request.

### Angle Thermowell Tees- NAVSEA 802-5959353 App.B, MSS SP-119



- UNS Designation Numbers: 90-10 (UNS C70600) and 70-30 (UNS C71500).
- Nominal Chemicals 90-10: Copper 88.6%, Nickel 10.0%, Iron 1.4%.
- Nominal Chemicals 70-30: Copper 69.5%, Nickel 30.0%, Iron 0.5%.

Nominal Pipe Size	Body Nominal Pipe Size	Minimum Wall	L	M	P	Weight	90-10 Part Number	70-30 Part Number
$1/2 \times 3/4 \times 1/2$	$3/4$	.065	1.88	2.19	1.88	.5	483787	483826
$3/4 \times 3/4 \times 3/4$	1	.065	1.88	2.19	1.88	.6	483795	483834
$1 \times 3/4 \times 1$	$1 1/4$	.065	1.82	2.19	1.88	.8	483800	483842
$1 1/4 \times 3/4 \times 1 1/4$	$1 1/2$	.072	1.94	2.38	2.07	1	483818	483850

Dimension M is center to end of fitting.

Dimensions P and L are center of fitting to end of adjoining pipe or thermowell base.

Fitting minimum wall thickness corresponds with Body Nominal Pipe Size.

The radius of curvature of the external contoured portion of the branch outlet measured in the plane containing the axes of the run and branch shall not be less than 0.05 times the outside diameter of the branch.

There shall be sufficient tangent length in the midbody of each fitting to form the branch and not effect the midbody to run transition shape.

Dimensions are in inches.

Sizes not shown may be available upon request.