

get connected with

tube od fittings



Bradford Company, Inc.

800.789.1718 • www.bradfordfittings.com

fittings

For the right part at

clamps

end caps

hangers

ferrules

elbows

tees

laterals

reducers

valves

gaskets

Your applications demand quality and reliability at a competitive price. And you need affordable parts and quick delivery to hold down inventory costs.

That's why businesses from dairy, food and beverage to pharmaceutical and cosmetics have trusted **Bradford** butt-weld fittings for over 14 years.

Tube OD fittings are used to assemble permanent systems that do not require breakdown for service or cleaning. Bradford tube OD fittings are manufactured to very high tolerances, making these superior-quality fittings easier to weld together properly, regardless of your layout design.

Bradford provides tube OD fittings in a wide variety of sizes and configurations; they can be ordered unpolished, or polished to any finish you need. This combination of versatility and quality is unsurpassed in our industry.

Bradford offers high-tolerance tube OD fittings in-stock from our many warehouses around the world – so we can ship the parts you (or your customers) need within a day of your call.

For the right fitting at the right price, **connect with Bradford.**

Bradford Co., Inc. stands behind its products. If, within one year of shipment, any part fails to perform to your satisfaction because of defects in material or workmanship, return the part and Bradford will, at our option, repair or replace it.

Note: Dimensions are approximate. Engineering dimensions available on request. Specifications are subject to change without notice. Some items may not be in stock. Please allow at least 4 weeks for special orders. Inquiries welcome on items available in future or not pictured.





the right price...


tube od fitting connection.



Bradford quality: maintaining the standard

The  Sanitary Standard was created by the dairy industry as a voluntary benchmark for product performance and sanitary safety. The standard, collaboratively developed by a group of processors, suppliers, regulatory officials and sanitation specialists, is generally accepted by federal, state and local regulatory authorities.

Our products have earned the  symbol, which requires an annual assessment to make certain each product conforms in all respects to the published standard.

Bradford Co., Inc. is proud to be a participant in the  program.

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product specifications

- size range: • 1/2" – 12" OD
 materials: • 304
 • 316L
 finish: • unpolished – tumbled

Some items may not be in stock. Call for price and availability. If your part is not listed, call us; we may still be able to get it for you.

ordering instructions

- specify: • quantity
 • product description
 and Bradford part number
 • size
 • material type
 • polish requirements
 • ship to address

adapters & reducers

4

male • female • concentric • eccentric

adapter weld to male npt			B19WB
od tube size	A	nom wall	
1"	1.750"	.065"	
1½"	1.750"	.065"	
2"	1.812"	.065"	
2½"	2.312"	.065"	
3"	2.500"	.065"	
4"	2.562"	.083"	

adapter weld to female npt			B22WB
od tube size	A	nom wall	
1"	1.125"	.065"	
1½"	1.437"	.065"	
2"	1.437"	.065"	
2½"	1.625"	.065"	
3"	1.812"	.065"	
4"	2.000"	.083"	

Call for availability.

concentric reducer			B31W
od tube size	A	nom wall	
1½" x 1"	2.0"	.065"	
2" x 1"	4.0"	.065"	
2" x 1½"	2.0"	.065"	
2½" x 1½"	4.0"	.065"	
2½" x 2"	2.0"	.065"	
3" x 1½"	6.0"	.065"	
3" x 2"	4.0"	.065"	
3" x 2½"	2.0"	.065"	
4" x 2"	8.0"	.083"	
4" x 2½"	6.0"	.083"	
4" x 3"	4.0"	.083"	
6" x 3"	5.5"	.109"	
6" x 4"	5.5"	.109"	
8" x 4"	6.0"	.120"	
8" x 6"	6.0"	.120"	
10" x 6"	7.0"	.109"	
10" x 8"	7.0"	.109"	
12" x 8"	8.0"	.120"	
12" x 10"	8.0"	.120"	

6" - 12" see Larger Materials brochure.

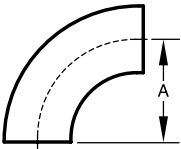
eccentric reducer			B32W
od tube size	A	nom wall	
1½" x 1"	2.0"	.065"	
2" x 1"	4.0"	.065"	
2" x 1½"	2.0"	.065"	
2½" x 1½"	4.0"	.065"	
2½" x 2"	2.0"	.065"	
3" x 1½"	6.0"	.065"	
3" x 2"	4.0"	.065"	
3" x 2½"	2.0"	.065"	
4" x 2"	8.0"	.083"	
4" x 2½"	6.0"	.083"	
4" x 3"	4.0"	.083"	
6" x 3"	5.5"	.109"	
6" x 4"	5.5"	.109"	
8" x 4"	6.0"	.120"	
8" x 6"	6.0"	.120"	
10" x 6"	7.0"	.109"	
10" x 8"	7.0"	.109"	
12" x 8"	8.0"	.120"	
12" x 10"	8.0"	.120"	

6" - 12" see Larger Materials brochure.

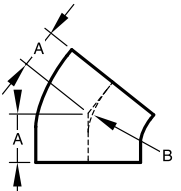


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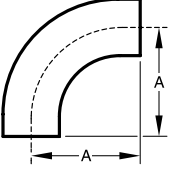
180° · 90° · 45°

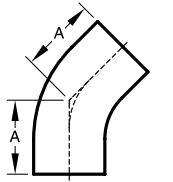
90° elbow less tangent			B2WCL
od tube size	A	nom wall	
1"	1.50"	.065"	
1½"	2.25"	.065"	
2"	3.00"	.065"	
2½"	3.75"	.065"	
3"	4.50"	.065"	
4"	6.00"	.083"	
6"	9.00"	.109"	
8"	12.00"	.120"	
10"	15.00"	.109"	
12"	18.00"	.120"	

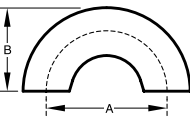
6" - 12" see Larger Materials brochure.

45° elbow less tangent				B2WK
od tube size	A	B	nom wall	
1"	.625"	1.50"	.065"	
1½"	.937"	2.25"	.065"	
2"	1.250"	3.00"	.065"	
2½"	1.562"	3.75"	.065"	
3"	1.875"	4.50"	.065"	
4"	2.500"	6.00"	.083"	
6"	3.750"	12.75"	.109"	
8"	5.000"	17.00"	.120"	
10"	6.250"	21.25"	.109"	
12"	7.500"	25.50"	.120"	

6" - 12" see Larger Materials brochure.

90° elbow with tangent			B2S
od tube size	A	nom wall	
1"	2.062"	.065"	
1½"	2.937"	.065"	
2"	4.062"	.065"	
2½"	5.187"	.065"	
3"	6.312"	.065"	
4"	8.312"	.083"	

45° elbow with tangent			B2KS
od tube size	A	nom wall	
1"	1.188"	.065"	
1½"	1.625"	.065"	
2"	2.312"	.065"	
2½"	3.000"	.065"	
3"	3.688"	.065"	
4"	4.812"	.083"	

180° return bend long radius				B2WUL
od tube size	A	B	nom wall	
1"	3.0"	2.0"	.065"	
1½"	4.5"	3.0"	.065"	
2"	6.0"	4.0"	.065"	
2½"	7.5"	5.0"	.065"	
3"	9.0"	6.0"	.065"	
4"	12.0"	8.0"	.083"	

Call for availability.

tees & end caps

6

weld

tee long				B7W
od tube size	A	B	nom wall	
1"	1.875"	3.75"	.065"	
1½"	2.250"	4.50"	.065"	
2"	3.000"	6.00"	.065"	
2½"	3.000"	6.00"	.065"	
3"	3.250"	6.50"	.065"	
4"	3.875"	7.75"	.083"	
6"	5.625"	11.25"	.109"	
8"	7.000"	14.00"	.120"	
10"	8.500"	17.00"	.109"	
12"	10.000"	20.00"	.120"	

6" - 12" see Larger Materials brochure.

tee			B7WWW
od tube size	A	nom wall	
1"	1.125"	.065"	
1½"	1.656"	.065"	
2"	2.062"	.065"	
2½"	2.344"	.065"	
3"	2.594"	.065"	
4"	3.438"	.083"	

weld end cap			B16W
od tube size	A	nom wall	
1"	.375"	.065"	
1½"	.562"	.065"	
2"	.750"	.065"	
2½"	1.000"	.065"	
3"	1.250"	.065"	
4"	1.500"	.083"	
6"	2.250"	.109"	
8"	2.500"	.120"	
10"	2.750"	.109"	
12"	3.000"	.120"	

6" - 12" see Larger Materials brochure.



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lateral				B28WA
od tube size	A	B	C	
1"	6.000"	5.000"	1.000"	
1½"	7.375"	6.187"	1.187"	
2"	8.750"	7.125"	1.625"	
2½"	10.000"	8.500"	1.500"	
3"	10.750"	8.875"	1.875"	
4"	12.813"	10.750"	2.062"	
6"	18.000"	14.500"	3.500"	
8"	22.000"	17.500"	4.500"	
10"	25.500"	20.500"	5.000"	
12"	30.000"	24.500"	5.500"	

Call for availability.
6" - 12" see Larger Materials brochure.

true Y			B28BW
od tube size	A	B	
1"	3.0"	3.0"	
1½"	3.0"	3.0"	
2"	4.5"	2.5"	
2½"	5.0"	2.5"	
3"	5.5"	3.0"	
4"	6.5"	3.0"	
6"	8.0"	3.5"	
8"	9.0"	4.5"	
10"	11.0"	5.0"	
12"	12.0"	5.5"	

Call for availability.
6" - 12" see Larger Materials brochure.

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