



The Babcock & Wilcox Co.

Tubular Products Division—Fittings Department
3839 West Burnham St. Milwaukee 46, Wisconsin
SEAMLESS WELDING FITTINGS AND FORGED STEEL FLANGES

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B&W Welding Fittings are available in carbon, alloy and stainless steels in a wide range of sizes. Typical types and size ranges are listed below. For information on the complete line of B&W Seamless Welding Fittings and Flanges, write for B&W's Welding Fittings Catalog FB-76.



90° Long Radius Elbow



180° Long Radius Return



Straight Tee



Concentric Reducer



Cap



Stub End



Welding Neck Flange



Slip-on Flange



Blind Flange

Type of fitting	Carbon and Alloy Steel				Stainless Steel			
	Standard Weight	Extra Strong	Schedule 160	Double Extra Strong	Schedule 80	Light Weight Schedule 10S	Standard Weight Schedule 40S	Extra Strong Schedule 80S
45° Elbows—Long Radius	1/2-36	1/2-36	1-12	1/2-8	1/2-12	1/2-12	1/2-12	1/2-12
90° Elbows—Long Radius	1/2-36	1/2-36	1-12	1/2-8	1/2-12	1/2-12	1/2-12	1/2-12
90° Elbows—Reducing—Long Radius	2x1 to 12x10	2x1 to 12x10	—	—	—	—	—	—
90° Elbows—Short Radius	1-30	1 1/2-30	—	—	—	—	—	—
180° Returns—Long Radius	1/2-30	1/2-30	1-12	2-8	1/2-12	1/2-12	1/2-12	1/2-12
180° Returns—Short Radius	1-30	1 1/2-30	—	—	—	—	—	—
Tees—Straight	1/2-36	1/2-36	1/2-12	1/2-8	1/2-12	1/2-12	1/2-12	1/2-12
Tees—Reducing Outlet	1/2-30	1/2-30	1/2-12	1/2-8	1/2-12	1/2-12	1/2-12	1/2-12
Reducers—Concentric and Eccentric	3/4x1/2 to 36x30	3/4x1/2 to 36x30	12x10 to 12x10	1x3/4 to 12x10	3/4x1/2 to 12x10	3/4x1/2 to 12x10	3/4x1/2 to 12x10	3/4x1/2 to 12x10
Caps	1-36	1-36	1-12	1-8	1-12	1-12	1-12	1-12
Stub Ends—Lap Joint	1-24	1-24	—	—	1/2-12	1/2-12	1/2-12	1/2-12
Reducers—Straight and Reducing	1-24	1-24	—	—	On Application	On Application	On Application	On Application
Crosses—Straight and Reducing	1/2-24	1/2-24	—	—	On Application	On Application	On Application	On Application
Swaged Nipples	On Application	On Application	—	—	—	—	—	—
Bull Plugs	On Application	On Application	—	—	—	—	—	—
Shaped Nipples 90°-45°	2-12	2-12	—	—	—	—	—	—
Saddles—Sleeves	1-30	—	—	—	—	—	—	—

Type of flange	150 lb	300 lb	400 lb	600 lb	900 lb	1500 lb	2500 lb
Welding Neck	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Slip-on	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Lap Joint	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Threaded	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Blind	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Socket Welding	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24	1/2-24
Reducing... Slip-on and Threaded	3/4x1/2 to 24x4	3/4x1/2 to 24x4	3/4x1/2 to 24x4	3/4x1/2 to 24x4	3/4x1/2 to 24x4	3/4x1/2 to 24x4	3/4x1/2 to 24x4

FA-6910



LADISH CO.

Cudahy, Wisconsin

Complete service in Controlled Quality pipe fittings regardless of size, type, wall thickness, pressure rating or material specifications.

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BRANCH PLANTS: Los Angeles, California—Brantford, Ontario, Canada—Kenosha, Wisconsin

Standardizing on Ladish assures unrestricted selection in meeting your entire fittings requirements... for the Ladish fittings line is complete in types, sizes, pressure ratings and materials, including carbon, alloy and stainless steels, aluminum, brass and other non-ferrous alloys. All Ladish fittings are produced under rigid metallurgical and manufacturing controls.

BUTT WELDING FITTINGS

IPS AND TUBE O.D.

1/2 in. through 42 in. Schedule 5 through Double Extra Strong and special heavy wall thickness over 4 inches.

ASA AND MSS FLANGES

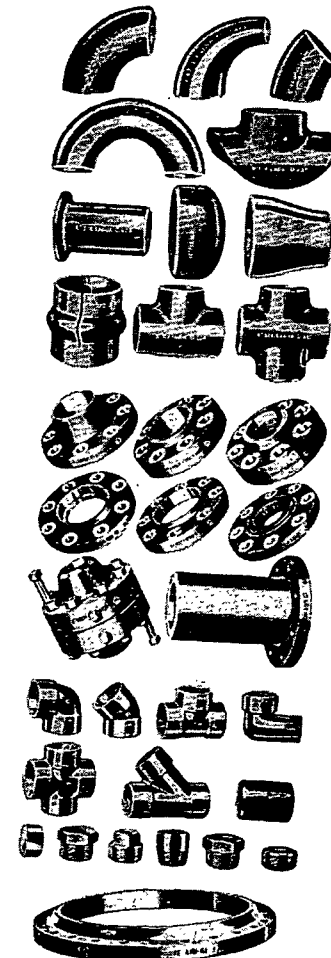
ASA Flanges 1/2 in. through 24 in. 150 lb through 2500 lb ratings. MSS 150 lb Flanges 1/2 in. through 12 in. Large O.D. Flanges in sizes up to 20 ft diameter. Forged under exacting metallurgical controls, accurately machined to full dimensions.

SCREWED AND SOCKET WELDING FITTINGS AND UNIONS

Forged Steel Fittings 1/2 in. through 4 in. 2000 lbs through 6000 lbs. Wide reinforcing bands provide ample wrench grip surface and extra strength at stress points. Sharp, clean threads of Ladish Screwed Fittings assure tight, leak-proof joints. Socket Welding Fittings have deep, true welding sockets to assure proper alignment and slip fit. 150 LB STAINLESS STEEL SCREWED FITTINGS are also available in a complete range of sizes

PRODUCED IN ANY FORGEABLE MATERIAL

Carbon Steels	Carbon-Molybdenum Steels
Stainless Steels	Chromium-Nickel Steels
Alloy Steels	Chromium-Molybdenum Steels
Inconel	Aluminum
Monel	Forging Brass
Titanium	Nickel-Copper Alloys
Nickel Steels	Aluminum-Manganese Alloys



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