

Arthur Harris & Co.

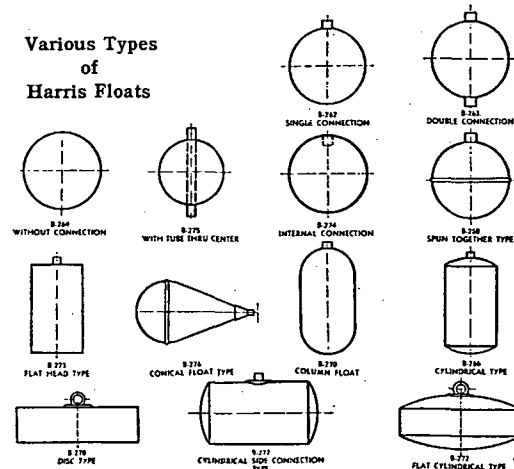
210-218 N. Aberdeen Street

Chicago 7, Ill.

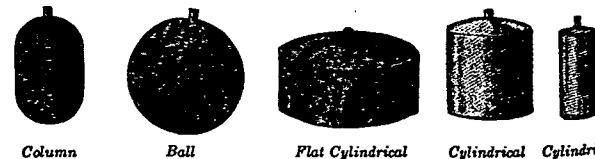
Engineers—Metal Float Manufacturers

Floats Fabricated of Aluminum, Brass, Copper, Admiralty, Everdur, Monel, Nickel, Inconel, Stainless Steel, Type 304, Type 316, etc., Steel and other Workable Metals

Floats can be plated with copper, nickel, chrome, zinc, tinned, or lead coated. Special connections can be furnished where required, but standard B-262 ball floats are provided with standard female pipe spuds—unless special connections are ordered. Stainless steel, steel, nickel and monel floats, are suitable for high pressure and high temperature. Where corrosion is a factor, our catalog should be consulted so that floats of suitable material can be furnished. Open tank floats can be loaded with sand, lead or steel to bring them to a desired weight. Aluminum floats are vulnerable to corrosion by many solutions, but also give satisfactory results when properly used.

Various Types
of
Harris Floats

Metal Floats



Seamless copper ball floats carried in stock in diameters of 3 in., 4 in., 5 in., 6 in., 7 in., 8 in., 10 in., and 12 in. for open tank. . . 25 lb, 50 lb, 100 lb, and 150 lb working pressure. Copper floats of special sizes and for special pressures made to order.

Stainless steel ball floats 2½ in. to 12 in. diameter for high pressure and corrosion carried in stock. Special stainless steel floats made to order.—Copper Ball floats of 12 in. and to 18 in. diameter, and stainless steel floats over 12 in. to 14 in. diameter made to order. Consult our Engineering Department when you have float problems. Catalog on request.

Copper plated—brazed joint—steel ball and special floats for high and low pressure. Ask for Special Bulletin on these steel base floats.

Ladish Co., Cudahy, Wisconsin

Controlled Quality

FORGED AND SEAMLESS WELDING FITTINGS

Complete range of types, sizes and materials

DISTRICT OFFICES: Atlanta, Buffalo, Chicago, Cleveland, Havana,
Houston, Los Angeles, Mexico City, New York, Philadelphia,
Pittsburgh, St. Louis, St. Paul, San Francisco, Tulsa

In Canada . . . LADISH CO. OF CANADA LTD., Brantford, Ontario



TO MARK PROGRESS

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 material including carbon, alloy and stainless steels, aluminum, brass and other non-ferrous alloys.

WELDING FITTINGS — Size Ranges Given in Inches

DESCRIPTION	STD. WEIGHT	EXTRA STRONG	SCH. 160*	XX-STRONG
90° Elbows	Long Rad. 1-36 Short Rad. 1-30 Reducing 2x1 12x6	1-36 1-30 2x1 12x6	1-14	1-8
45° Elbows	Long Rad. 1-36 Short Rad. 1-30	1-36 1-30	1-14	1-8
180° Returns	Long Rad. 1-24 X-Long Rad. 1-30 Short Rad. 1-30	1-24 1-30 1-30	1-12	1-8
Tees	Straight 1-30 Reducing 1-24 Outlet 30x16	1-30 1-24 30x16	1-12 1-8 12x6	1-8 1-4 8x3½
Reducers	Concentric 1-24 Eccentric 36x20	1-24 36x20	1-12 12x5	1-8 8x3½
Stub Ends	Lap Joint 1-24 Caps 1-30	1-24 1-30	1-12	1-8
Saddles	90° & 45° 2-24	Do not conform to I.P.S.		
Nipples	1-12	1-12		
Laterals	1-24	1-24		
Sleeves	2-24	Do not conform to I.P.S.		
Crosses	1-24	1-24		

* Also available in a range of sizes in Schedules 30, 60, 80, and 120.

† For reinforcement only.

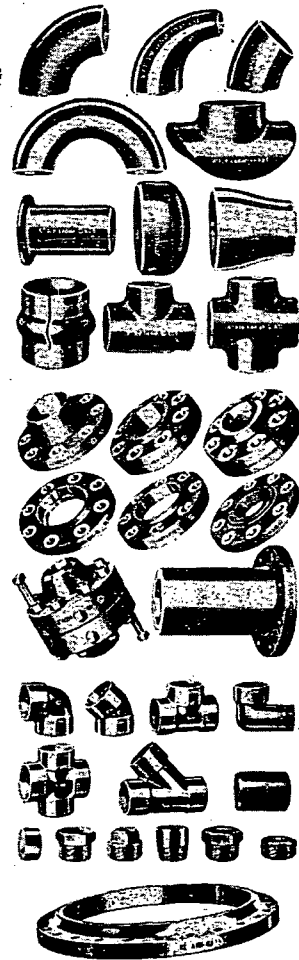
FLANGES — Size Ranges Given in Inches

DESCRIPTION	150 #	300 #	400 #	600 #	900 #	1500 #	2500 #
Welding Neck	1-24	1-24	1-24	1-24	1-24	1-24	1-12
Slip-On	1-24	1-24	1-24	1-24	1-24	1-24	1-12
Lap Joint	1-24	1-24	1-24	1-24	1-24	1-24	1-12
Threaded	1-24	1-24	1-24	1-24	1-24	1-12	1-12
Blind	1-24	1-24	1-24	1-24	1-24	1-24	1-12
Socket	1-24	1-4	1-4	1-3½			
Orifice	1-24	1-24	1-12	1-12	1-12	1-12	
Reducing	1-24	1-24	1-24	1-24	1-24	1-12	1-12
Long Welding Neck	1-24	1-24	1-24	1-24	1-24	1-24	1-12

SCREWED & SOCKET — Size Ranges Given in Inches

DESCRIPTION	SCREWED			SOCKET-WELDING			
	2000 #	3000 #	6000 #	2000 #	3000 #	4000 #	6000 #
90° Eli	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
45° Eli	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Tee	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Cross	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Street Eli	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Lateral Couplings	1-2	1-1½	1-1½	1-2	1-2	1-1½	1-1½
Reducer	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Caps	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Bushings	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Plugs	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½
Inserts	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½	1-1½

1x1-4x1 For use with Sch. 40, 80 & 160 Pipe



Large O.D. Flanges and T.E.M.A. Flanges up to 160 in.