

**Ty-Flo**

**TECHNICAL INFORMATION**

**USE/APPLICATIONS**

Ty-Flo ball valves are for use in any application where quick on-off service is required - for pressure systems and analysis in instrumentation - control panels - test stands - laboratories -shops - hydraulic systems - for OEM's - pilot plants - chemical plants - refineries - hydro carbon and nuclear power plants -food processing plants - paper mills and gas companies.

**DESIGN/FEATURES**

- Reliable, simple operation for on off service.
- Fast acting - one quarter turn fully opens or closes the valve.
- Corrosion resistant.
- Maximum performance - straight through flow for minimum turbulence and pressure drop.
- No valve over-tightening.
- Positive leak tight shut off - even with fluctuating pressures.
- Panel mounting capabilities.

**OPERATION**

The Ty-Flo ball valve features simple on-off operation. Fully open or fully closed, it offers sure positive service. The orifice through the valve is designed to be the same size as the orifice of the ball, allowing unrestricted flow. The handle of the valve points in the direction of the flow. When the handle is turned one quarter turn 90°, the ball rotates, blocking the flow and causing the normally open valve to close or shut off. The O-Rings seal against the ball, providing leak tight sealing, even at fluctuating pressures. Every valve is designed with panel mounting features and Ty-Flow interchangeable end connectors offer versatility and selection for any application requirement.

**TECHNICAL DATA**

**Construction**

Ty-Flo ball valves are made with a minimum of components. The one piece construction body with one piece stem and separate ball, assures long life and easy maintenance. Strict quality control procedures are adhered to throughout production. Every valve is hand inspected and tested to provide our customers with the best possible product.

**Materials**

Body:	316 stainless steel, steel, or brass	Handle:	nylon
Stem:	316 stainless steel	Seals:	standard o-rings: Viton
Ball:	316 stainless steel	Seats:	Kel-F standard, Teflon available upon request

**Specifications**

Specifications Operating pressure ranges: to 1500 PSI with TFE seats  
to 5000 PSI with Kel-F seats

Operating temperature ranges: Orifice size: -SOOT to +300T with  
Kel-F seats  
0 to 400°F with TFE seats,

Orifice size: .188, .250, .375

**HOW TO ORDER**

When ordering, please identify the part number in the following order:

- 1) specify material first: SS = Stainless steel S = Steel B = Brass
- 2) specify orifice series: series 4 (.188 orifice) Series 6 (.250 orifice) series 8 (.375 orifice)
- 3) specify outlet end and size before inlet end and size

**EXAMPLE:**

SS-6-1FT-6-4 stainless steel  
series 6 (.250 orifice)  
with 3/8" female NPT outflow  
to 1/4" Tylok inflow

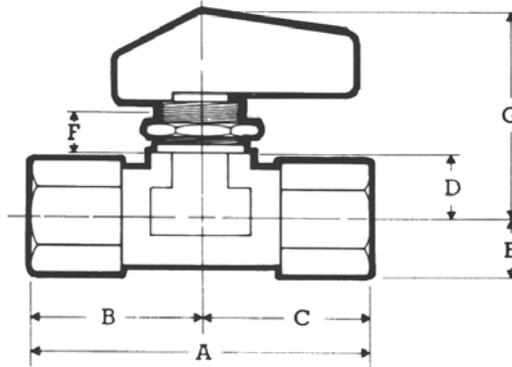
**SPECIAL PRODUCTS**

If you require special materials, shapes and/or applications that are not shown in this catalog, please submit inquiries. Special Ty-Flo Ball Valves can be made to order from any machinable material. Prices quoted upon receipt of print with quantity and material specified.



# TY-FLO BALL VALVE FEMALE TO FEMALE

This Ty-Flo ball valve offers a FEMALE NPT END Connector on both the inlet and the outlet of the valve.



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1FF-2-2	.188	2-25/64	1-3/16	1-3/16	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/8" Female NPT
4-1FF-2-4	.188	2-5/8	1-3/16	1-7/16	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/4" Female NPT
4-1FF-4-2	.188	2-5/8	1-7/16	1-3/16	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/8" Female NPT
4-1FF-4-4	.188	2-5/8	1-7/16	1-7/16	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/4" Female NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1FF-4-4	.250	3	1-1/2	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	1/4" Female NPT
6-1FF-4-6	.250	3	1-1/2	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	3/8" Female NPT
6-1FF-4-8	.250	3-3/16	1-1/2	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/4" Female NPT	1/2" Female NPT
6-1FF-6-4	.250	3	1-1/2	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	1/4" Female NPT
6-1FF-6-6	.250	3	1-1/2	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	3/8" Female NPT
6-1FF-6-8	.250	3-3/16	1-1/2	1-11/16	9/16	5/8	1/8	1-11/16	3/4	3/8" Female NPT	1/2" Female NPT
6-1FF-8-4	.250	3-3/16	1-11/16	1-1/2	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/4" Female NPT
6-1FF-8-6	.250	3-3/16	1-11/16	1-1/2	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	3/8" Female NPT
6-1FF-8-8	.250	3-3/8	1-11/16	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/2" Female NPT

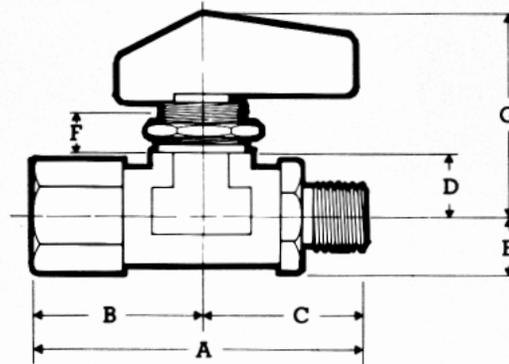
Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1FF-4-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/4" Female NPT
8-1FF-4-6	.375	3-1/4	1-41/64	1-39/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	3/8" Female NPT
8-1FF-4-8	.375	3-13/32	1-41/64	1-49/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/2" Female NPT
B-1FF-4-12	.375	3-17/32	1-41/64	1-57/64	13/16	23/32	21/32	2	7/8	1/4" Female NPT	3/4" Female NPT
8-1FF-6-4	.375	3-1/4	1-39/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	1/4" Female NPT
8-1FF-6-6	.375	3-7/32	1-39/64	1-39/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	3/8" Female NPT
8-1FF-6-8	.375	3-3/8	1-39/64	1-49/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	1/2" Female NPT
8-1FF-6-12	.375	3-1/2	1-39/64	1-57/64	13/16	23/32	21/32	2	7/8	3/8" Female NPT	3/4" Female NPT
8-1FF-8-4	.375	3-13/32	1-49/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	1/4" Female NPT
8-1FF-8-6	.375	3-3/8	1-49/64	1-39/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	3/8" Female NPT
8-1FF-8-8	.375	3-17/32	1-49/64	1-49/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	1/2" Female NPT
8-1FF-8-12	.375	3-21/32	1-49/64	1-57/64	13/16	23/32	21/32	2	7/8	1/2" Female NPT	3/4" Female NPT
8-1FF-12-4	.375	3-17/32	1-57/64	1-41/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/4" Female NPT
8-1FF-12-6	.375	3-1/2	1-57/64	1-39/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/8" Female NPT
8-1FF-12-8	.375	3-21/32	1-57/64	1-49/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/2" Female NPT
8-1FF-12-12	.375	3-25/32	1-57/64	1-57/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/4" Female NPT

Instrumentation

# TY-FLO BALL VALVE FEMALE TO MALE

This Ty-Flo ball valve offers a FEMALE NPT END Connector on both the outlet, and a MALE NPT END on the inlet END Connector.

Ty-Flo



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1FM-2-2	.188	2-27/64	1-3/16	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/8" Male NPT
4-1FM-2-4	.188	2-39/64	1-3/16	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/4" Male NPT
4-1FM-4-2	.188	2-43/64	1-7/16	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/8" Male NPT
4-1FM-4-4	.188	2-55/64	1-7/16	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/4" Male NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1FM-4-4	.250	2-15/16	1-1/2	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	1/4" Male NPT
6-1FM-4-6	.250	2-15/16	1-1/2	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	3/8" Male NPT
6-1FM-4-8	.250	3-1/8	1-1/2	1-5/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	1/2" Male NPT
6-1FM-6-4	.250	2-15/16	1-1/2	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	1/4" Male NPT
6-1FM-6-6	.250	2-15/16	1-1/2	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	3/8" Male NPT
6-1FM-6-8	.250	3-1/8	1-1/2	1-5/8	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	1/2" Male NPT
6-1FM-8-4	.250	3-1/8	1-11/16	1-7/16	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/4" Male NPT
6-1FM-8-6	.250	3-1/8	1-11/16	1-7/16	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	3/8" Male NPT
6-1FM-8-8	.250	3-5/16	1-11/16	1-5/8	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/2" Male NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1FM-4-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/4" Male NPT
8-1FM-4-6	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	3/8" Male NPT
8-1FM-4-8	.375	3-15/32	1-41/64	1-53/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/2" Male NPT
8-1FM-4-12	.375	3-15/32	1-41/64	1-53/64	13/16	23/32	21/32	2	7/8	1/4" Female NPT	3/4" Male NPT
8-1FM-6-4	.375	3-1/4	1-39/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	1/4" Male NPT
8-1FM-6-6	.375	3-1/4	1-39/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	3/8" Male NPT
8-1FM-6-8	.375	3-7/16	1-39/64	1-53/64	13/16	39/64	21/32	2	7/8	3/8" Female NPT	1/2" Male NPT
8-1FM-6-12	.375	3-7/16	1-39/64	1-53/64	13/16	23/32	21/32	2	7/8	3/8" Female NPT	3/4" Male NPT
8-1FM-8-4	.375	3-13/32	1-49/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	1/4" Male NPT
8-1FM-8-6	.375	3-13/32	1-49/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	3/8" Male NPT
8-1FM-8-8	.375	3-19/32	1-49/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	1/2" Male NPT
8-1FM-8-12	.375	3-19/32	1-49/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Female NPT	3/4" Male NPT
8-1FM-12-4	.375	3-17/32	1-57/64	1-41/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/4" Male NPT
8-1FM-12-6	.375	3-17/32	1-57/64	1-41/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/8" Male NPT
8-1FM-12-8	.375	3-23/32	1-57/64	1-53/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/2" Male NPT
8-1FM-12-12	.375	3-23/32	1-57/64	1-53/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/4" Male NPT

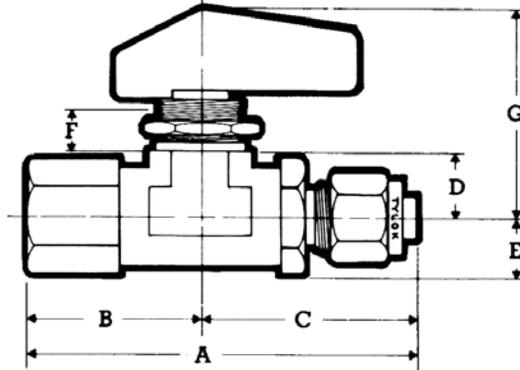
Instrumentation



# TY-FLO BALL VALVE FEMALE TO TYLOK

This Ty-Flo ball valve offers a FEMALE NPT END Connector on both the outlet,  
and a TYLOK® Tube Coupling on the inlet END Connector

Ty-Flo



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1FT-2-2	.188	2-51/64	1-3/16	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/8" Tylok
4-1FT-2-3	.188	2-53/64	1-3/16	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	3/16" Tylok
4-1FT-2-4	.188	2-15/16	1-3/16	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/8" Female NPT	1/4" Tylok
4-1FT-4-2	.188	3-3/64	1-7/16	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/8" Tylok
4-1FT-4-3	.188	3-5/64	1-7/16	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	3/16" Tylok
4-1FT-4-4	.188	3-3/16	1-7/16	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/4" Female NPT	1/4" Tylok

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1FT-4-4	.250	3-1 7/64	1-1/2	1-49/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	1/4" Tylok
6-1FT-4-6	.250	3-3/8	1-1/2	1-7/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	3/8" Tylok
6-1FT-4-8	.250	3-33/64	1-1/2	1-1/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Female NPT	1/2" Tylok
6-1FT-6-4	.250	3-33/64	1-1/2	1-49/64	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	1/4" Tylok
6-1FT-6-6	.250	3-3/8	1-1/2	1-7/8	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	3/8" Tylok
6-1FT-6-8	.250	3-33/64	1-1/2	2-1/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Female NPT	1/2" Tylok
6-1FT-8-4	.250	3-29/64	1-11/16	1-49/64	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/4" Tylok
6-1FT-8-6	.250	3-9/16	1-11/16	1-7/8	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	3/8" Tylok
6-1FT-8-8	.250	3-45/64	1-11/16	2-1/64	9/16	5/8	1/8	1-11/16	3/4	1/2" Female NPT	1/2" Tylok

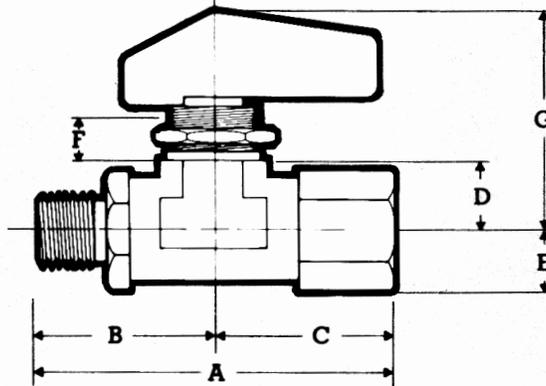
Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1FT-4-4	.375	3-9/64	1-41/64	1-1/2	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/4" Tylok
8-1FT-4-6	.375	3-11/64	1-41/64	1-17/32	13/16	39/64	21/32	2	7/8	1/4" Female NPT	3/8" Tylok
8-1FT-4-8	.375	3-7/32	1-41/64	1-37/64	13/16	39/64	21/32	2	7/8	1/4" Female NPT	1/2" Tylok
8-1FT-4-10	.375	3-15/64	1-41/64	1-19/32	13/16	39/64	21/32	2	7/8	1/4" Female NPT	5/8" Tylok
8-1FT-4-12	.375	3-25/32	1-41/64	1-3/4	13/16	41/64	21/32	2	7/8	1/4" Female NPT	3/4" Tylok
8-1FT-6-4	.375	3-7/64	1-39/64	1-1/2	13/16	41/64	21/32	2	7/8	3/8" Female NPT	1/4" Tylok
8-1FT-6-6	.375	3-9/64	1-39/64	1-17/32	13/16	41/64	21/32	2	7/8	3/8" Female NPT	3/8" Tylok
8-1FT-6-8	.375	3-3/16	1-39/64	1-37/64	13/16	41/64	21/32	2	7/8	3/8" Female NPT	1/2" Tylok
8-1FT-6-10	.375	3-13/64	1-39/64	1-19/32	13/16	41/64	21/32	2	7/8	3/8" Female NPT	5/8" Tylok
8-1FT-6-12	.375	3-23/64	1-39/64	1-3/4	13/16	41/64	21/32	2	7/8	3/8" Female NPT	3/4" Tylok
8-1FT-8-4	.375	3-17/64	1-49/64	1-1/2	13/16	41/64	21/32	2	7/8	1/2" Female NPT	1/4" Tylok
8-1FT-8-6	.375	3-19/64	1-49/64	1-17/32	13/16	41/64	21/32	2	7/8	1/2" Female NPT	3/8" Tylok
8-1FT-8-8	.375	3 11/32	1-49/64	1-37/64	13/16	41/64	21/32	2	7/8	1/2" Female NPT	1/2" Tylok
8-1FT-8-10	.375	3-23/64	1-49/64	1-19/32	13/16	41/64	21/32	2	7/8	1/2" Female NPT	5/8" Tylok
8-1FT-8-12	.375	3-33/64	1-49/64	1-3/4	13/16	41/64	21/32	2	7/8	1/2" Female NPT	3/4" Tylok
8-1FT-12-4	.375	3-25/32	1-57/64	1-1/2	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/4" Tylok
8-1FT-12-6	.375	3-1 7/32	1-57/64	1-17/32	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/8" Tylok
8-1FT-12-8	.375	3-15/32	1-57/64	1-37/64	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/2" Tylok
8-1FT-12-10	.375	3-21/64	1-57/64	1-19/32	13/16	23/32	21/32	2	7/8	3/4" Female NPT	1/2" Tylok
8-1FT-12-12	.375	3-41/64	1-57/64	1-3/4	13/16	23/32	21/32	2	7/8	3/4" Female NPT	3/4" Tylok

Instrumentation

# TY-FLO BALL VALVE MALE TO FEMALE

This Ty-Flo ball valve offers a MALE NPT END Connector on both the outlet, and a FEMALE NPT END on the inlet END Connector.

**Ty-Flo**



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1MF-2-2	.188	2-27/64	1-7/32	1-3/16	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/8" Female NPT
4-1MF-2-4	.188	2-39/64	1-7/32	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/4" Female NPT
4-1MF-4-2	.188	2-43/64	1-13/32	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/8" Female NPT
4-1MF-4-4	.188	2-55/64	1-13/32	1-7/16	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/4" Female NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1MF-4-4	.250	2-15/16	1-7/16	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	1/4" Female NPT
6-1MF-4-6	.250	2-15/16	1-7/16	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	3/8" Female NPT
6-1MF-4-8	.250	3-1/8	1-7/16	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/4" Male NPT	1/2" Female NPT
6-1MF-6-4	.250	2-15/16	1-7/16	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	1/4" Female NPT
6-1MF-6-6	.250	2-15/16	1-7/16	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	3/8" Female NPT
6-1MF-6-8	.250	3-1/8	1-7/16	1-11/16	9/16	5/8	1/8	1-11/16	3/4	3/8" Male NPT	1/2" Female NPT
6-1MF-8-4	.250	3-1/8	1-5/8	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	1/4" Female NPT
6-1MF-8-6	.250	3-1/8	1-5/8	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	3/8" Female NPT
6-1MF-8-8	.250	3-5/16	1-5/8	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/2" Male NPT	1/2" Female NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1MF-4-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/4" Female NPT
8-1MF-4-6	.375	3-1/4	1-41/64	1-39/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	3/8" Female NPT
8-1MF-4-8	.375	3-13/32	1-41/64	1-49/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/2" Female NPT
8-1MF-4-12	.375	3-17/32	1-41/64	1-57/64	13/16	23/32	21/32	2	7/8	1/4" Male NPT	3/4" Female NPT
8-1MF-6-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	1/4" Female NPT
8-1MF-6-6	.375	3-1/4	1-41/64	1-39/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	3/8" Female NPT
8-1MF-6-8	.375	3-13/32	1-41/64	1-49/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	1/2" Female NPT
8-1MF-6-12	.375	3-17/32	1-41/64	1-57/64	13/16	23/32	21/32	2	7/8	3/8" Male NPT	3/4" Female NPT
8-1MF-8-4	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	1/4" Female NPT
8-1MF-8-6	.375	3-7/16	1-53/64	1-39/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	3/8" Female NPT
8-1MF-8-8	.375	3-19/32	1-53/64	1-49/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	1/2" Female NPT
8-1MF-8-12	.375	3-23/32	1-53/64	1-57/64	13/16	23/32	21/32	2	7/8	1/2" Male NPT	3/4" Female NPT
8-1MF-12-4	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	1/4" Female NPT
8-1MF-12-6	.375	3-7/16	1-53/64	1-39/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	3/8" Female NPT
8-1MF-12-8	.375	3-19/32	1-53/64	1-49/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	1/2" Female NPT
8-1MF-12-12	.375	3-23/32	1-53/64	1-57/64	13/16	23/32	21/32	2	7/8	3/4" Male NPT	3/4" Female NPT

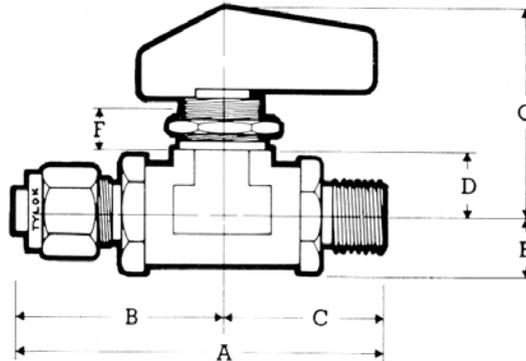
Instrumentation



# TY-FLO BALL VALVE MALE TO MALE

This Ty-Flo ball valve offers a MALE NPT END Connector on both the inlet and the outlet of the valve.

Ty-Flo



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1MM-2-2	.188	2-7/16	1-7/32	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/8" Male NPT
4-1MM-2-4	.188	2-5/8	1-7/32	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/4" Male NPT
4-1MM-4-2	.188	2-5/8	1-13/32	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/8" Male NPT
4-1MM-4-4	.188	2-13/16	1-13/32	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/4" Male NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1MM-4-4	.250	2-7/8	1-7/16	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	1/4" Male NPT
6-1MM-4-6	.250	2-7/8	1-7/16	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	3/8" Male NPT
6-1MM-4-8	.250	3-1/16	1-7/16	1-5/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	1/2" Male NPT
6-1MM-6-4	.250	2-7/8	1-7/16	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	1/4" Male NPT
6-1MM-6-6	.250	2-7/8	1-7/16	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	3/8" Male NPT
6-1MM-6-8	.250	3-1/16	1-7/16	1-5/8	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	1/2" Male NPT
6-1MM-8-4	.250	3-1/16	1-5/8	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	1/4" Male NPT
6-1MM-8-6	.250	3-1/16	1-5/8	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	3/8" Male NPT
6-1MM-8-8	.250	3-1/4	1-5/8	1-5/8	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	1/2" Male NPT

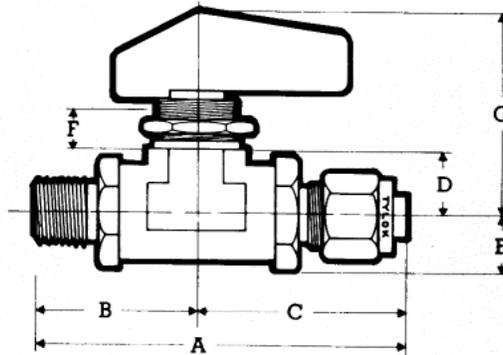
Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1MM-4-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/4" Male NPT
8-1MM-4-6	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	3/8" Male NPT
8-1MM-4-8	.375	3-15/32	1-41/64	1-53/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/2" Male NPT
8-1MM-4-12	.375	3-15/32	1-41/64	1-53/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	3/4" Male NPT
8-1MM-6-4	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	1/4" Male NPT
8-1MM-6-6	.375	3-9/32	1-41/64	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	3/8" Male NPT
8-1MM-6-8	.375	3-15/32	1-41/64	1-53/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	1/2" Male NPT
8-1MM-6-12	.375	3-15/32	1-41/64	1-53/64	13/16	39/64	21/32	2	7/8	3/8" Male NPT	3/4" Male NPT
8-1MM-8-4	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	1/4" Male NPT
8-1MM-8-6	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	3/8" Male NPT
8-1MM-8-8	.375	3-21/32	1-53/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	1/2" Male NPT
8-1MM-8-12	.375	3-21/32	1-53/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Male NPT	3/4" Male NPT
8-1MM-12-4	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	1/4" Male NPT
8-1MM-12-6	.375	3-15/32	1-53/64	1-41/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	3/8" Male NPT
8-1MM-12-8	.375	3-21/32	1-53/64	1-53/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	1/2" Male NPT
8-1MM-12-12	.375	3-21/32	1-53/64	1-53/64	13/16	39/64	21/32	2	7/8	3/4" Male NPT	3/4" Male NPT

Instrumentation

# TY-FLO BALL VALVE MALE TO TYLOK

This Ty-Flo ball valve offers a MALE NPT END Connector on the outlet,  
and a TYLOK® Tube Coupling on the inlet END Connector.

Ty-Flo



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1MT-2-2	.188	2-53/64	1-7/32	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/8" Tylok
4-1MT-2-3	.188	2-55/64	1-7/32	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	3/16" Tylok
4-1MT-2-4	.188	2-31/32	1-7/32	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/8" Male NPT	1/4" Tylok
4-1MT-4-2	.188	3-1/64	1-13/32	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/8" Tylok
4-1MT-4-3	.188	3-3/64	1-13/32	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	3/16" Tylok
4-1MT-4-4	.188	3-5/32	1-13/32	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/4" Male NPT	1/4" Tylok

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1MT-4-4	.250	3-13/64	1-7/16	1-49/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	1/4" Tylok
6-1MT-4-6	.250	3-5/16	1-7/16	1-7/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	3/8" Tylok
6-1MT-4-8	.250	3-29/64	1-7/16	2-1/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Male NPT	1/2" Tylok
6-1MT-6-4	.250	3-13/64	1-7/16	1-49/64	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	1/4" Tylok
6-1MT-6-6	.250	3-5/16	1-7/16	1-7/8	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	3/8" Tylok
6-1MT-6-8	.250	3-29/64	1-7/16	2-1/64	9/16	1/2	1/4	1-11/16	3/4	3/8" Male NPT	1/2" Tylok
6-1MT-8-4	.250	3-25/64	1-5/8	1-49/64	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	1/4" Tylok
6-1MT-8-6	.250	3-1/2	1-5/8	1-7/8	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	3/8" Tylok
6-1MT-8-8	.250	3-41/64	1-5/8	2-1/64	9/16	1/2	1/4	1-11/16	3/4	1/2" Male NPT	1/2" Tylok

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1MT-4-4	.375	3-9/64	1-41/64	1-1/2	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/4" Tylok
8-1MT-4-6	.375	3-11/64	1-41/64	1-17/32	13/16	39/64	21/32	2	7/8	1/4" Male NPT	3/8" Tylok
8-1MT-4-8	.375	3-7/32	1-41/64	1-37/64	13/16	39/64	21/32	2	7/8	1/4" Male NPT	1/2" Tylok
8-1MT-4-10	.375	3-15/64	1-41/64	1-19/32	13/16	39/64	21/32	2	7/8	1/4" Male NPT	5/8" Tylok
8-1MT-4-12	.375	3-25/32	1-41/64	1-3/4	13/16	41/64	21/32	2	7/8	1/4" Male NPT	3/4" Tylok
8-1MT-6-4	.375	3-9/64	1-41/64	1-1/2	13/16	41/64	21/32	2	7/8	3/8" Male NPT	1/4" Tylok
8-1MT-6-6	.375	3-11/64	1-41/64	1-17/32	13/16	41/64	21/32	2	7/8	3/8" Male NPT	3/8" Tylok
8-1MT-6-8	.375	3 7/32	1-41/64	1-37/64	13/16	41/64	21/32	2	7/8	3/8" Male NPT	1/2" Tylok
8-1MT-6-10	.375	3-15/64	1-41/64	1-19/32	13/16	41/64	21/32	2	7/8	3/8" Male NPT	5/8" Tylok
8-1MT-6-12	.375	3-25/64	1-41/64	1-3/4	13/16	41/64	21/32	2	7/8	3/8" Male NPT	3/4" Tylok
8-1MT-8-4	.375	3-21/64	1-53/64	1-1/2	13/16	41/64	21/32	2	7/8	1/2" Male NPT	1/4" Tylok
8-1MT-8-6	.375	3-1/2	1-53/64	1-17/32	13/16	41/64	21/32	2	7/8	1/2" Male NPT	3/8" Tylok
8-1MT-8-8	.375	3-13/32	1-53/64	1-37/64	13/16	41/64	21/32	2	7/8	1/2" Male NPT	1/2" Tylok
8-1MT-8-10	.375	3-27/64	1-53/64	1-19/32	13/16	41/64	21/32	2	7/8	1/2" Male NPT	5/8" Tylok
8-1MT-8-12	.375	3-27/64	1-53/64	1-3/4	13/16	41/64	21/32	2	7/8	1/2" Male NPT	3/4" Tylok
8-1MT-2-4	.375	3-21/32	1-53/64	1-1/2	13/16	41/64	21/32	2	7/8	3/4" Male NPT	1/4" Tylok
8-1MT-2-6	.375	3-1/2	1-53/64	1-17/32	13/16	41/64	21/32	2	7/8	3/4" Male NPT	3/8" Tylok
8-1MT-12-8	.375	3-13/32	1-53/64	1-37/64	13/16	41/64	21/32	2	7/8	3/4" Male NPT	1/2" Tylok
8-1MT-2-10	.375	3-27/64	1-53/64	1-19/32	13/16	41/64	21/32	2	7/8	3/4" Male NPT	5/8" Tylok
8-1MT-2-12	.375	3-37/64	1-53/64	1-3/4	13/16	41/64	21/32	2	7/8	3/4" Male NPT	3/4" Tylok

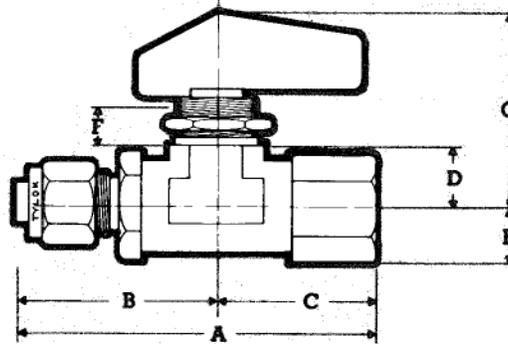
Instrumentation



# TY-FLO BALL VALVE TYLOK TO FEMALE

This Ty-Flo ball valve offers a TYLOK® Tube Coupling on the outlet END Connector,  
and a FEMALE NPT END on the inlet END Connector.

**Ty-Flo**



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1TF-2-2	.188	2-51/64	1-39/64	1-3/16	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/8" Female NPT
4-1TF-2-4	.188	3-3/64	1-39/64	1-7/16	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/4" Female NPT
4-1TF-3-2	.188	2-53/64	1-41/64	1-3/16	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/8" Female NPT
4-1TF-3-4	.188	3-5/64	1-41/64	1-7/16	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/4" Female NPT
4-1TF-4-2	.188	2-15/16	1-3/4	1-3/16	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/8" Female NPT
4-1TF-4-4	.188	3-3/16	1-3/4	1-7/16	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/4" Female NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1TF-4-4	.250	3-17/64	1-49/64	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	1/4" Female NPT
6-1TF-4-6	.250	3-17/64	1-49/64	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	3/8" Female NPT
6-1TF-4-8	.250	3-29/64	1-49/64	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/4" Tylok	1/2" Female NPT
6-1TF-6-4	.250	3-3/8	1-7/8	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	1/4" Female NPT
6-1TF-6-6	.250	3-3/8	1-7/8	1-1/2	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	3/8" Female NPT
6-1TF-6-8	.250	3-9/16	1-7/8	1-11/16	9/16	5/8	1/8	1-11/16	3/4	3/8" Tylok	1/2" Female NPT
6-1TF-8-4	.250	3-33/64	2-1/64	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	1/4" Female NPT
6-1TF-8-6	.250	3-33/64	2-1/64	1-1/2	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	3/8" Female NPT
6-1TF-8-8	.250	3-45/64	2-1/64	1-11/16	9/16	5/8	1/8	1-11/16	3/4	1/2" Tylok	1/2" Female NPT

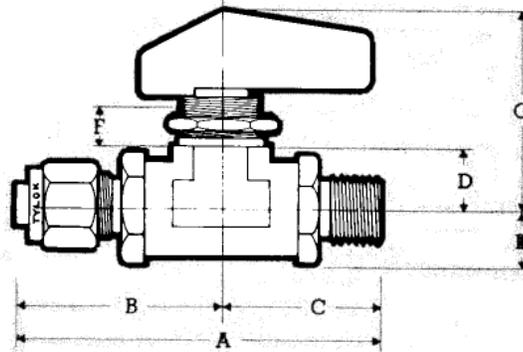
Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1TF-4-4	.375	3-9/64	1-1/2	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/4" Female NPT
8-1TF-4-6	.375	3-7/16	1-1/2	1-39/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	3/8" Female NPT
8-1TF-4-8	.375	3-17/64	1-1/2	1-49/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/2" Female NPT
8-1TF-4-12	.375	3-25/64	1-1/2	1-57/64	13/16	23/32	21/32	2	7/8	1/4" Tylok	3/4" Female NPT
8-1TF-6-4	.375	3-11/64	1-17/32	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/4" Female NPT
8-1TF-6-6	.375	3-9/64	1-17/32	1-39/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	3/8" Female NPT
8-1TF-6-8	.375	3-19/64	1-17/32	1-49/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/2" Female NPT
8-1TF-6-12	.375	3-27/64	1-17/32	1-57/64	13/16	23/32	21/32	2	7/8	3/8" Tylok	3/4" Female NPT
8-1TF-8-4	.375	3-7/32	1-37/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/4" Female NPT
8-1TF-8-6	.375	3-3/16	1-37/64	1-39/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	3/8" Female NPT
8-1TF-8-8	.375	3-11/32	1-37/64	1-49/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/2" Female NPT
8-1TF-8-12	.375	3-15/32	1-37/64	1-57/64	13/16	23/32	21/32	2	7/8	1/2" Tylok	3/4" Female NPT
8-1TF-10-4	.375	3-15/64	1-19/32	1-41/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/4" Female NPT
8-1TF-10-6	.375	3-13/64	1-19/32	1-39/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	3/8" Female NPT
8-1TF-10-8	.375	3-23/64	1-19/32	1-49/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/2" Female NPT
8-1TF-10-12	.375	3-31/64	1-19/32	1-57/64	13/16	23/32	21/32	2	7/8	5/8" Tylok	3/4" Female NPT
8-1TF-12-4	.375	3-25/32	1-3/4	1-41/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/4" Female NPT
8-1TF-12-6	.375	3-23/64	1-3/4	1-39/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	3/8" Female NPT
8-1TF-12-8	.375	3-33/64	1-3/4	1-49/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/2" Female NPT
8-1TF-12-12	.375	3-41/64	1-3/4	1-57/64	13/16	23/32	21/32	2	7/8	3/4" Tylok	3/4" Female NPT

**Instrumentation**

## TY-FLO BALL VALVE TYLOK TO MALE

This Ty-Flo ball valve offers a TYLOK® Tube Coupling on the outlet END Connector,  
and a MALE NPT END on the inlet END Connector.

**Ty-Flo**



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1TM-2-2	.188	2-53/64	1-39/64	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/8" Male NPT
4-1TM-2-4	.188	3-1/64	1-39/64	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/4" Male NPT
4-1TM-3-2	.188	2-55/64	1-41/64	1-7/32	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/8" Male NPT
4-1TM-3-4	.188	3-3/64	1-41/64	1-13/32	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/4" Male NPT
4-1TM-4-2	.188	2-31/32	1-3/4	1-7/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/8" Male NPT
4-1TM-4-4	.188	3-5/32	1-3/4	1-13/32	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/4" Male NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1TM-4-4	.250	3-13/64	1-49/64	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	1/4" Male NPT
6-1TM-4-6	.250	3-13/64	1-49/64	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	3/8" Male NPT
6-1TM-4-8	.250	3-25/64	1-49/64	1-5/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	1/2" Male NPT
6-1TM-6-4	.250	3-5/16	1-7/8	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	1/4" Male NPT
6-1TM-6-6	.250	3-5/16	1-7/8	1-7/16	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	3/8" Male NPT
6-1TM-6-8	.250	3-1/2	1-7/8	1-5/8	9/16	1/4	1/4	1-11/16	3/4	3/8" Tylok	1/2" Male NPT
6-1TM-8-4	.250	3-29/64	2-1/64	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	1/4" Male NPT
6-1TM-8-6	.250	3-29/64	2-1/64	1-7/16	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	3/8" Male NPT
6-1TM-8-8	.250	3-41/64	2-1/64	1-5/8	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	1/2" Male NPT

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1TM-4-4	.375	3-9/64	1-1/2	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/4" Male NPT
8-1TM-4-6	.375	3-9/64	1-1/2	1-41/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	3/8" Male NPT
8-1TM-4-8	.375	3-21/64	1-1/2	1-53/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/2" Male NPT
8-1TM-4-12	.375	3-21/64	1-1/2	1-53/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	3/4" Male NPT
8-1TM-6-4	.375	3-11/64	1-17/32	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/4" Male NPT
8-1TM-6-6	.375	3-11/64	1-17/32	1-41/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	3/8" Male NPT
8-1TM-6-8	.375	3-23/64	1-17/32	1-53/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/2" Male NPT
8-1TM-6-12	.375	3-23/64	1-17/32	1-53/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	3/4" Male NPT
8-1TM-8-4	.375	3-7/32	1-37/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/4" Male NPT
8-1TM-8-6	.375	3-7/32	1-37/64	1-41/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	3/8" Male NPT
8-1TM-8-8	.375	3-13/32	1-37/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/2" Male NPT
8-1TM-8-12	.375	3-13/32	1-37/64	1-53/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	3/4" Male NPT
8-1TM-10-4	.375	3-15/64	1-19/32	1-41/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/4" Male NPT
8-1TM-10-6	.375	3-15/64	1-19/32	1-41/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	3/8" Male NPT
8-1TM-10-8	.375	3-27/64	1-19/32	1-53/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/2" Male NPT
8-1TM-10-12	.375	3-27/64	1-19/32	1-53/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	3/4" Male NPT
8-1TM-12-4	.375	3-25/32	1-3/4	1-41/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/4" Male NPT
8-1TM-12-6	.375	3-25/64	1-3/4	1-41/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	3/8" Male NPT
8-1TM-12-8	.375	3-37/64	1-3/4	1-53/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/2" Male NPT
8-1TM-12-12	.375	3-37/64	1-3/4	1-53/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	3/4" Male NPT

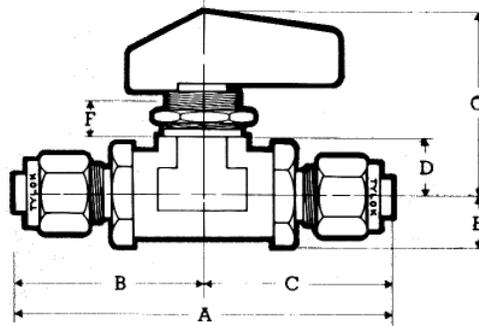
Instrumentation



# TY-FLO BALL VALVE TYLOK TO TYLOK

This Ty-Flo ball valve offers a TYLOK® Tube Coupling on both the outlet END Connector, and on the inlet END Connector.

Ty-Flo



Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
4-1TT-2-2	.188	3-7/32	1-39/64	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/8" Tylok
4-1TT-2-3	.188	3-9/32	1-39/64	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	3/16" Tylok
4-1TT-2-4	.188	3-23/64	1-39/64	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/8" Tylok	1/4" Tylok
4-1TT-3-2	.188	3-1/4	1-41/64	1-39/64	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/8" Tylok
4-1TT-3-3	.188	3-9/32	1-41/64	1-41/64	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	3/16" Tylok
4-1TT-3-4	.188	3-25/64	1-41/64	1-3/4	19/32	25/64	3/8	1-1/2	3/4	3/16" Tylok	1/4" Tylok
4-1TT-4-2	.188	3-23/64	1-3/4	1-39/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/8" Tylok
4-1TT-4-3	.188	3-25/64	1-3/4	1-41/64	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	3/16" Tylok
4-1TT-4-4	.188	3-1/2	1-3/4	1-3/4	19/32	25/64	3/8	1-1/2	3/4	1/4" Tylok	1/4" Tylok

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
6-1TT-4-4	.250	3-17/64	1-49/64	1-49/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	1/4" Tylok
6-1TT-4-6	.250	3-41/64	1-49/64	1-7/8	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	3/8" Tylok
6-1TT-4-8	.250	3-25/32	1-49/64	2-1/64	9/16	1/2	1/4	1-11/16	3/4	1/4" Tylok	1/2" Tylok
6-1TT-6-4	.250	3-41/64	1-7/8	1-49/64	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	1/4" Tylok
6-1TT-6-6	.250	3-3/4	1-7/8	1-7/8	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	3/8" Tylok
6-1TT-6-8	.250	3-57/64	1-7/8	2-1/64	9/16	1/2	1/4	1-11/16	3/4	3/8" Tylok	1/2" Tylok
6-1TT-8-4	.250	3-25/32	2-1/64	1-49/64	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	1/4" Tylok
6-1TT-8-6	.250	3-57/64	2-1/64	1-7/8	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	3/8" Tylok
6-1TT-8-8	.250	4-1/32	2-1/64	2-1/64	9/16	1/2	1/4	1-11/16	3/4	1/2" Tylok	1/2" Tylok

Part #	Orifice (in.)	A	B	C	D	E	F	G	Panel Hole	Outlet	Inlet
8-1TT-4-4	.375	3	1-1/2	1-1/2	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/4" Tylok
8-1TT-4-6	.375	3-1/32	1-1/2	1-17/32	13/16	39/64	21/32	2	7/8	1/4" Tylok	3/8" Tylok
8-1TT-4-8	.375	3-5/64	1-1/2	1-37/64	13/16	39/64	21/32	2	7/8	1/4" Tylok	1/2" Tylok
8-1TT-4-10	.375	3-3/32	1-1/2	1-19/32	13/16	39/64	21/32	2	7/8	1/4" Tylok	5/8" Tylok
8-1TT-4-12	.375	3-1/4	1-1/2	1-3/4	13/16	41/64	21/32	2	7/8	1/4" Tylok	3/4" Tylok
8-1TT-6-4	.375	3-1/32	1-17/32	1-1/2	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/4" Tylok
8-1TT-6-6	.375	3-1/16	1-17/32	1-17/32	13/16	39/64	21/32	2	7/8	3/8" Tylok	3/8" Tylok
8-1TT-6-8	.375	3-7/64	1-17/32	1-37/64	13/16	39/64	21/32	2	7/8	3/8" Tylok	1/2" Tylok
8-1TT-6-10	.375	3-1/4	1-17/32	1-19/32	13/16	39/64	21/32	2	7/8	3/8" Tylok	5/8" Tylok
8-1TT-6-12	.375	3-9/32	1-17/32	1-3/4	13/16	41/64	21/32	2	7/8	3/8" Tylok	3/4" Tylok
8-1TT-8-4	.375	3-5/64	1-37/64	1-1/2	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/4" Tylok
8-1TT-8-6	.375	3-7/64	1-37/64	1-17/32	13/16	39/64	21/32	2	7/8	1/2" Tylok	3/8" Tylok
8-1TT-8-8	.375	3-5/32	1-37/64	1-37/64	13/16	39/64	21/32	2	7/8	1/2" Tylok	1/2" Tylok
8-1TT-8-10	.375	3-11/64	1-37/64	1-19/32	13/16	39/64	21/32	2	7/8	1/2" Tylok	5/8" Tylok
8-1TT-8-12	.375	3-21/64	1-37/64	1-3/4	13/16	41/64	21/32	2	7/8	1/2" Tylok	3/4" Tylok
8-1TT-10-4	.375	3-3/32	1-19/32	1-1/2	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/4" Tylok
8-1TT-10-6	.375	3-1/4	1-19/32	1-17/32	13/16	39/64	21/32	2	7/8	5/8" Tylok	3/8" Tylok
8-1TT-10-8	.375	3-11/64	1-19/32	1-37/64	13/16	39/64	21/32	2	7/8	5/8" Tylok	1/2" Tylok
8-1TT-10-10	.375	3-3/16	1-19/32	1-19/32	13/16	39/64	21/32	2	7/8	5/8" Tylok	5/8" Tylok
8-1TT-10-12	.375	3-11/32	1-19/32	1-3/4	13/16	41/64	21/32	2	7/8	5/8" Tylok	3/4" Tylok
8-1TT-12-4	.375	3-1/4	1-3/4	1-1/2	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/4" Tylok
8-1TT-12-6	.375	3-9/32	1-3/4	1-17/32	13/16	41/64	21/32	2	7/8	3/4" Tylok	3/8" Tylok
8-1TT-12-8	.375	3-21/64	1-3/4	1-37/64	13/16	41/64	21/32	2	7/8	3/4" Tylok	1/2" Tylok
8-1TT-12-10	.375	3-11/32	1-3/4	1-19/32	13/16	41/64	21/32	2	7/8	3/4" Tylok	5/8" Tylok
8-1TT-12-12	.375	3-1/2	1-3/4	1-3/4	13/16	41/64	21/32	2	7/8	3/4" Tylok	3/4" Tylok

Instrumentation