



LXI Products meet
ANSI/NSF Standard 61
see page 2

Ford Ball Meter Valves

Straight Ball Meter Valves by FIP, MIP and Flared Copper

TYPES OF PIPE AND TUBING – EXPLANATION OF ABBREVIATIONS AND CODES FOR COMPRESSION COUPLINGS

Copper Tube - CTS - copper tubing is widely used as a service line and the outside diameter is closely held by manufacturers. The outside diameter of copper tubing has become a standard in the industry and is known as “copper tube size”. (Pack Joint coded **CTS**.)

Plastic Tubing - CTS - flexible water service tubing in what is referred to as “copper tube size”. Plastic tube refers to *any* plastic with the same outside diameter as corresponding sizes of copper tube such as PET - polyethylene tubing. (Pack Joint coded **CTS**.)

Plastic Pipe - PEP - flexible water service pipe in what is referred to as “pipe size”. Plastic pipe refers to *any* pipe having the same inside diameter as corresponding sizes of standard iron pipe such as PEP - polyethylene pipe. (Pack Joint coded **PEP**.)

PVC Pipe - PVC - polyvinyl chloride rigid plastic pipe. PVC pipe refers to polyvinyl chloride rigid plastic pipe having the same outside diameter as corresponding sizes of standard iron pipe. (Pack Joint coded **PVC**.)

NOTE: Ford Pack Joints for PVC are recommended for use only with Schedule 40 and Schedule 80 PVC.

Abbreviations, dimensions and insert stiffeners for plastic tubing are listed on page 39.

Consult pipe or tubing manufacturer for specific installation requirements.

Female Iron Pipe Thread by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B13-211W	5/8"	1/2"	5/8"	1.2
B13-212W	5/8"	1/2"	5/8"x3/4" & 3/4"	1.2
B13-231W	5/8"	3/4"	5/8"	1.2
B13-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.3
▼ B13-232WW	5/8"	3/4"	5/8"x3/4" & 3/4"	1.3
B13-331W	3/4"	3/4"	5/8"	1.9
B13-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.0
B13-341W	3/4"	1"	5/8"	2.1
B13-342W	3/4"	1"	5/8"x3/4" & 3/4"	2.2
B13-344W	3/4"	1"	1"	2.4
B13-444W	1"	1"	1"	2.8
B13-454W	1"	1-1/4"	1"	3.1



B13-332W



B83-332W

Male Iron Pipe Thread by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B83-231W	5/8"	3/4"	5/8"	-
B83-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	-
B83-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	-
B83-444W	1"	1"	1"	-



B23-332W

Flare Copper by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B23-231W	5/8"	3/4"	5/8"	1.7
B23-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.8
B23-331W	3/4"	3/4"	5/8"	2.2
B23-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.8
B23-341W	3/4"	1"	5/8"	3.2
B23-342W	3/4"	1"	5/8"x3/4" & 3/4"	2.8
B23-344W	3/4"	1"	1"	3.3
B23-444W	1"	1"	1"	3.5
B23-454W	1"	1-1/4"	1"	5.4

NOTE: “W” indicates valve is available with padlock wings only.

Options Available

Reclaimed Water Tee-head is available on 3/4" and 1" Ball Valves, insert “RW” into the catalog number. Example: **BRW13-332W**. Tee-head sold only with padlock wing.

Standard tee-head stops on the body to permit 90° turn *only*. **Full 360° tee-head rotation** is available. Add “R” to the catalog number. Example: **B13-332WR**.

Lock Caps are available for 5/8" through 1" Ball Valves and can be ordered from page 38.

Handles are available for Ball Valves; see page 37.

▼ “WW” indicates double padlock wings for locking in either on or off position.

Ford Ball Meter Valves

Straight Ball Meter Valves with Pack Joints



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Pack Joint for Copper or Plastic Tubing (CTS) Inlet by Meter Swivel Nut



B43-332W-G

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B43-211W	5/8"	1/2"	5/8"	1.4
B43-212W	5/8"	1/2"	5/8"x3/4" & 3/4"	1.5
*♦ B43-231W	5/8"	3/4"	5/8"	1.6
*♦ B43-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.7
* B43-331W	3/4"	3/4"	5/8"	2.1
*♦ B43-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.4
*♦ B43-334W	3/4"	3/4"	1"	2.3
* B43-341W	3/4"	1"	5/8"	2.7
*♦ B43-342W	3/4"	1"	5/8"x3/4" & 3/4"	2.4
*♦ B43-344W	3/4"	1"	1"	2.7
*♦ B43-444W	1"	1"	1"	3.2
* B43-454W	1"	1-1/4"	1"	3.4



B53-232W

Pack Joint for Iron Pipe by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B53-212W	5/8"	1/2"	5/8"x3/4" & 3/4"	1.6
B53-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.7
B53-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.4



B63-332W

Pack Joint for Plastic Pipe (PEP) by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
* B63-231W	5/8"	3/4"	5/8"	1.8
*♦ B63-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.8
* B63-331W	3/4"	3/4"	5/8"	2.3
*♦ B63-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.5
* B63-342W	3/4"	1"	5/8"x3/4" & 3/4"	3.0
* B63-344W	3/4"	1"	1"	3.4
*♦ B63-444W	1"	1"	1"	3.8



B73-332W

Pack Joint for PVC*** Pipe by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B73-231W	5/8"	3/4"	5/8"	1.8
B73-232W	5/8"	3/4"	5/8"x3/4" & 3/4"	1.8
B73-331W	3/4"	3/4"	5/8"	2.1
B73-332W	3/4"	3/4"	5/8"x3/4" & 3/4"	2.6
B73-342W	3/4"	1"	5/8"x3/4" & 3/4"	-
B73-344W	3/4"	1"	1"	3.4
B73-444W	1"	1"	1"	3.8

*** Ford Pack Joints for PVC are only recommended for Schedule 40 and Schedule 80 pipe.

NOTE: "W" indicates valve is standard with padlock wings *only*.

Options Available

* **Grip Joint for CTS (3/4" - 2") and PEP (3/4" & 1")** is available. Add "-G" to the end of the catalog number. Example: B63-332W-G.

♦ **Quick Joint** is available by adding a "-Q" to the end of the catalog number.

Reclaimed Water Tee-head is available on 3/4" and 1" Ball Valves, insert "RW" into the catalog number. Example: BRW63-332W. Tee-head sold only with padlock wing.

Standard tee-head stops on the body to permit 90° turn *only*. **Full 360° tee-head rotation** is available. Add "R" to the catalog number. Example: B63-332WR.

Lock Caps are available for 5/8" through 2" Ball Valves and can be ordered from page 38.

Handles are available for Ball Valves; see page 37.

See page 5 for specific details on above options.



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Ford Ball Meter Valves

Straight Ball Flanged Meter Valves
- for 1-1/2" and 2" Meters

BF13-777W



Female Iron Pipe Thread by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF13-666W	1-1/2"	1-1/2"	1-1/2"	7.8
BF13-676W	1-1/2"	2"	1-1/2"	8.3
BF13-777W	2"	2"	1-1/2" or 2"	10.3
BF13-787W	2"	2-1/2"	1-1/2" or 2"	10.6

BF83-777



Male Iron Pipe Thread by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF83-666W	1-1/2"	1-1/2"	1-1/2"	8.1
BF83-777W	2"	2"	1-1/2" or 2"	10.6

BF23-777W



Flare Copper by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF23-666W	1-1/2"	1-1/2"	1-1/2"	9.7
BF23-676W	1-1/2"	2"	1-1/2"	11.8
BF23-777W	2"	2"	1-1/2" or 2"	13.6

BF43-777W



Pack Joint for Copper or Plastic Tubing (CTS) by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
*◆ BF43-666W	1-1/2"	1-1/2"	1-1/2"	8.9
* BF43-676W	1-1/2"	2"	1-1/2"	9.8
*◆ BF43-777W	2"	2"	1-1/2" or 2"	12.2
* BF43-787W	2"	2-1/2"	1-1/2" or 2"	12.8

Standard features include: Flat drop-in gaskets for 1-1/2" and 2" flanged valves. Slotted holes are standard on 2" Flanged Valves, adapting them for connection to either 1-1/2" or 2" flanged meters.

NOTE: "W" indicates valve is standard with padlock wings *only*.

Options Available

* **Grip Joint for CTS (3/4" - 2") and PEP (3/4" & 1")** is available. Add "-G" to the end of the catalog number. Example: BF43-666W-G.

◆ **Quick Joint** is available by adding a "-Q" to the end of the catalog number.

Reclaimed Water Tee-head is available. Insert "RW" into the catalog number. Example: BFRW43-666W. Tee-head sold only with padlock wing.

Standard tee-head stops on the body to permit 90° turn *only*. **Full 360° tee-head rotation** is available. Add "R" to catalog number. Example: BF13-666WR.

Steel Bolts and Nuts (5/8"x2-1/2", zinc plated) for attaching 1-1/2" and 2" valves to meters are available, but must be ordered separately. Steel bolt catalog number: PSB

2" Gate Valve Operating Nut is available for 1-1/4" through 2" Ball Valves and can be ordered from page 38.

Lock Caps are available for 5/8" through 2" Ball Valves and can be ordered from page 38.

Handles are available for Ball Valves; see page 37.

Meter Support Brackets to support the meter during installation are available on flanged valves at additional cost. ADD "MSB" to the catalog number. Example: BF13-666W-MSB.

See page 5 for specific details on above options.

Ford Ball Meter Valves

Straight Ball Flanged Meter Valves - for 1-1/2" and 2" Meters - Continued



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BF53-777W



Pack Joint for Iron Pipe by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF53-666W	1-1/2"	1-1/2"	1-1/2"	9.1
BF53-777W	2"	2"	1-1/2" or 2"	12.3

BF63-77



Pack Joint for Plastic Pipe (PEP) by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF63-666W-IDR7	1-1/2"	1-1/2"	1-1/2"	11.4
BF63-777W-IDR7	2"	2"	1-1/2" or 2"	12.9

BF73-777W



Pack Joint for PVC*** Pipe by Meter Flange

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
BF73-666W	1-1/2"	1-1/2"	1-1/2"	9.5
BF73-777W	2"	2"	1-1/2" or 2"	13.3

*** Ford Pack Joints for PVC are only recommended for Schedule 40 and Schedule 80 pipe.

Standard features include: Flat drop-in gaskets for 1-1/2" and 2" flanged valves. Slotted holes are standard on 2" Flanged Valves, adapting them for connection to either 1-1/2" or 2" flanged meters.

NOTE: "W" indicates valve is standard with padlock wings *only*.

Options Available

Reclaimed Water Tee-head for Ball Valves is available. Insert "RW" into the catalog number. Example: BFRW53-666W. Tee-head sold only with padlock wing.

Standard tee-head stops on the body to permit 90° turn *only*. **Full 360° tee-head rotation** is available. Add "R" to catalog number. Example: BF53-666WR.

2" Gate Valve Operating Nut is available for 1-1/4" through 2" Ball Valves and can be ordered from page 38.

Lock Caps are available for 5/8" through 2" Ball Valves and can be ordered from page 38.

Handles are available for Ball Valves; see page 37.

Meter Support Brackets to support the meter during installation are available on flanged valves at additional cost.

Add "MSB" to the catalog number. Example: BF53-777W-MSB.

Straight Compression Globe Meter Valves

Female Iron Pipe Thread by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
SG13-331	3/4"	3/4"	5/8"	1.6
SG13-332	3/4"	3/4"	5/8"x3/4" & 3/4"	1.6
SG13-444	1"	1"	1"	2.4

SG13-332



Flare Copper by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
SG23-331	3/4"	3/4"	5/8"	1.9
SG23-332	3/4"	3/4"	5/8"x3/4" & 3/4"	1.9

Pack Joint for Copper or Plastic Tubing (CTS) by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
* SG43-332	3/4"	3/4"	5/8"	1.9

* **Grip Joint** for CTS is available. Add "-G" to end of catalog number.