

# CATALOG SECTION G

## NUMBERING SYSTEM

### TYPE OF VALVE

**AV** = Angle Key Yoke Valve or Service Valve  
**B** = Ball Valve  
**BA** = Angle Ball Valve  
**BF** = Flanged Ball Valve  
**BFA** = Flanged Angle Ball Valve  
**BL** = Ball Valve (long)  
**BLA** = Blow-Off Ball Valve  
**BH** = 5/8" Ball Valve with a Heavy Tee-Head  
**BRW** = Reclaimed Water Tee-Head  
**FV** = Flanged Angle Key Valve  
**KV** = Angle Key Meter Valve  
**SG** = Straight Compression Valve  
**SV** = Straight Key Valve  
**UV** = Branch Key Valve Assembly  
**UAV** = Angle Branch Key Valve Assembly  
**UVB** = Branch Ball Valve Assembly  
**UAVB** = Angle Branch Ball Valve Assembly  
**UVZS** = Branch Key Curb Stop Assembly  
**Z** = Curb Stop (standard)  
**ZL** = Curb Stop (long)  
**ZS** = Curb Stop (short)  
**ZX** = 1/2" Curb Stop (plug style)

### SIZE OF INLETS - OUTLETS

(one end - other end)

**1** = 1/2" (or 5/8" meter nut)  
**2** = 5/8" (or 5/8" x 3/4" and 3/4" meter nut)  
**3** = 3/4"  
**4** = 1"  
**5** = 1-1/4"  
**6** = 1-1/2"  
**7** = 2"  
**8** = 2-1/2"

### METER NUTS

**1** = 5/8"  
**2** = 5/8" x 3/4" and 3/4"  
**4** = 1"

### METER FLANGES

**6** = 1-1/2"  
**7** = 2"

### VALVE SIZE

**1** = 1/2"  
**2** = 5/8"  
**3** = 3/4"  
**4** = 1"  
**5** = 1-1/4"  
**6** = 1-1/2"  
**7** = 2"

### TYPE OF INLETS - OUTLETS

(one end - other end)

**1** = Female Iron Pipe Threads  
**2** = Flare Copper Tube Nut  
**3** = Meter Nut or Flange  
**4** = Pack Joint for Plastic or Copper Tube (CTS)  
**5** = Pack Joint for Iron Pipe  
**6** = Pack Joint for PE Pipe  
**7** = Pack Joint for PVC Pipe (Schedule 40 and 80)  
**8** = Male Iron Pipe Threads  
**9** = Yoke Nose  
**0** = Female Copper Tube Nut Thread or 'Special'

### OPTIONAL FEATURES

**D** = Test/Drain Valve  
**G** = Grip Joint (for 3/4" - 2" CTS and 3/4" and 1" PEP)  
**IDR7** = Inner Dimension Ratio for 1-1/2" and 2" PE Pipe  
**M** = Minneapolis Pattern  
**NE** = New England Threads  
**OR** = Open Right  
**Q** = Quick Joint  
**R** = 360° Tee-head Rotation  
**SW** = Stop and Waste  
**TW-Q** = CTS Quick Joint with Tracer Wire Terminal  
**U-AWT** = Ultra-Tite (components assembled watertight)  
**W** = Padlock Wing

**B 4 3 - 3 4 2 W - NL**  
**UV 4 3 - 4 2 W - NL**

▲ No-Lead Alloy

▲ Ford Meter Box no-lead brass products manufactured from UNS/CDA No. 89833 alloy shall contain no more than 0.25% total lead content by weight. United States federal and state laws allow the use of products manufactured from UNS C83600 85-5-5-5 brass alloy for only non-potable water systems within the United States.

**Parties responsible for monitoring and maintaining proper water system design must exercise full responsibility in understanding and upholding the full intent and scope of applicable lead laws.**

Note: See item listings in catalog section to assure that desired sizes and options are available.

### Please Note:

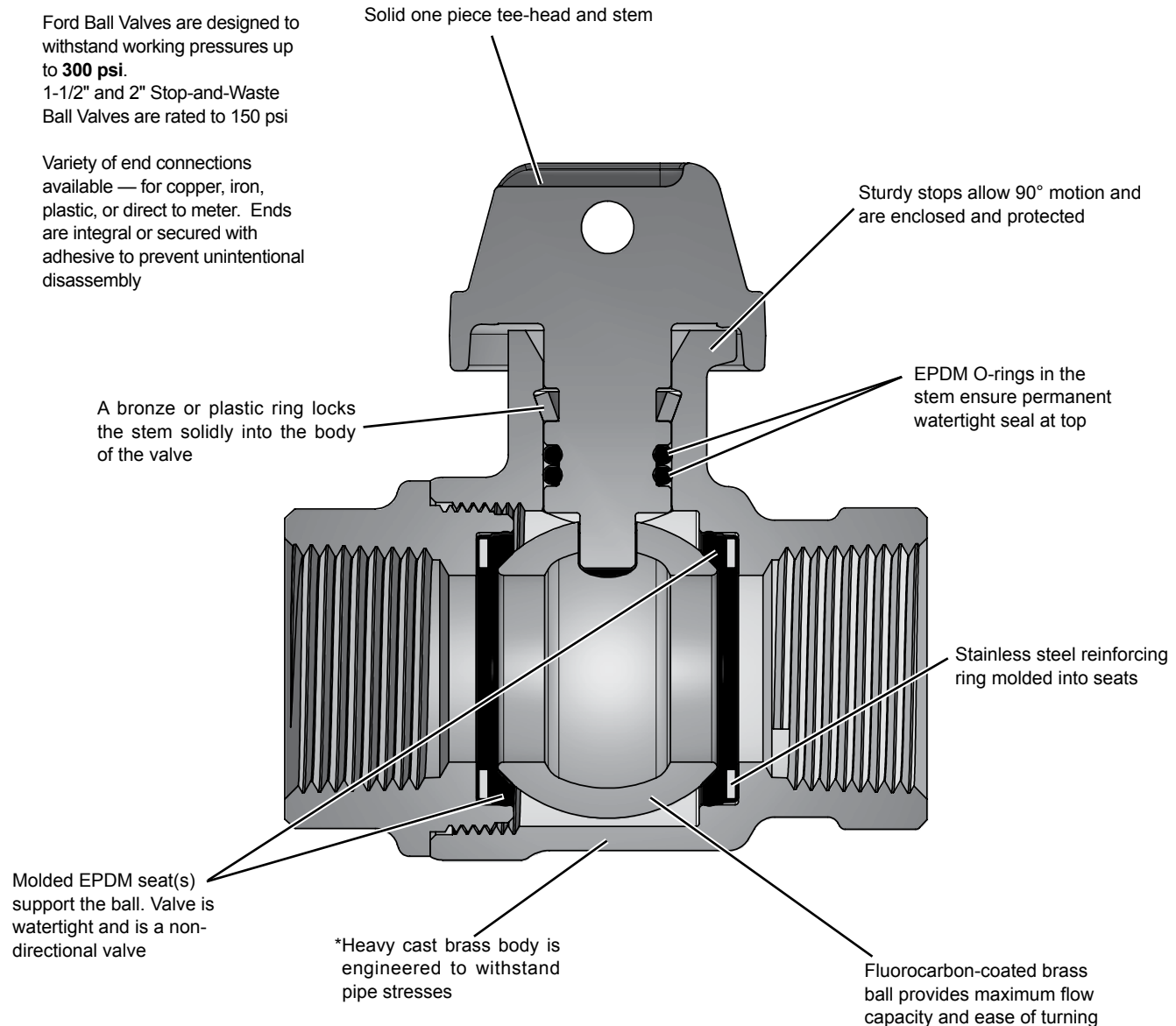
Consult the Ford Meter Box Company, Inc. website ([www.fordmeterbox.com](http://www.fordmeterbox.com)) for the most recent catalog information. The Ford Meter Box Company considers the information in this catalog to be correct at the time of publication. Items and option availability, including specifications, are subject to change without notice. Please verify that your product information is current.

# Information

## Features of the Ford Ball Valve

Ford Ball Valve Curb Stops are ideal for use in water service lines. Watertight in either direction at pressures up to 300 psi, easy turning, nonbinding, and minimum pressure loss — these characteristics are added to superb design, quality, and precise manufacturing.

### Standard Ford Ball Valve



\* All Ford Meter Box brass conforms to AWWA Standard C800 (UNS No. C89833 - no-lead alloy — ASTM B62 and ASTM B584).

#### PRESSURE REQUIREMENTS

The AWWA Standard C800 specifies normal pressure service line valves shall be suitable for use with water at 100 psi for 1" and smaller sizes, and 80 Psi for 1-1/4" through 2" sizes. Ford Key Style Valves are designed for normal service line pressure conditions. Use Ford Ball Valves for higher pressure requirements.

**NOTE:** Flange Inverted Key Angle Valves should not be used as customer shut-off on the customer side of the meter.

# 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-NL	5/8"	1/2"	5/8"	1.2
B13-212W-NL	5/8"	1/2"	5/8"x3/4" & 3/4"	1.2
B13-231W-NL	5/8"	3/4"	5/8"	1.2
B13-232W-NL	5/8"	3/4"	5/8"x3/4" & 3/4"	1.3
▼ B13-232WW-NL	5/8"	3/4"	5/8"x3/4" & 3/4"	1.3
B13-331W-NL	3/4"	3/4"	5/8"	1.9
B13-332W-NL	3/4"	3/4"	5/8"x3/4" & 3/4"	2.0
B13-341W-NL	3/4"	1"	5/8"	2.1
B13-342W-NL	3/4"	1"	5/8"x3/4" & 3/4"	2.2
B13-344W-NL	3/4"	1"	1"	2.4
B13-444W-NL	1"	1"	1"	2.8
B13-454W-NL	1"	1-1/4"	1"	3.1

B13-332W-NL



### Male Iron Pipe Thread by Meter Swivel Nut

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
	VALVE SIZE	SERV. LINE SIZE	METER SIZE	
B83-231W-NL	5/8"	3/4"	5/8"	1.2
B83-232W-NL	5/8"	3/4"	5/8"x3/4" & 3/4"	1.3
B83-242W-NL	5/8"	1"	5/8"x3/4" & 3/4"	1.4
B83-332W-NL	3/4"	3/4"	5/8"x3/4" & 3/4"	1.9
B83-444W-NL	1"	1"	1"	2.8

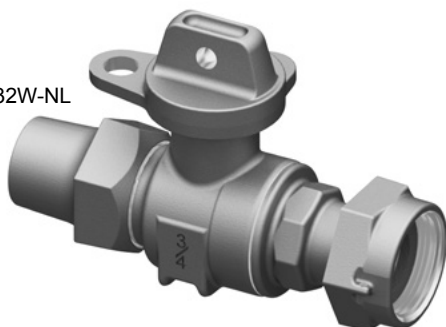
B83-332W-NL



### Flare Copper by Meter Swivel Nut

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

B23-332W-NL



### Options Available

**Reclaimed Water Tee-head** is available on 3/4" and 1" ball valves, insert "RW" into the catalog number. Example: BRW13-332W-NL. 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-NL.

**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.