

*Type of meter inlet valve & outlet valve

- V = inlet key valve & no outlet valve
- VV = inlet key valve & outlet key valve
- VVG = inlet key valve & compression outlet valve
- VH = inlet key valve & outlet single check valve
- Δ VHH = inlet key valve & outlet cascading dual check valve
- **VHC = inlet key valve & outlet cartridge dual check valve
- VB = inlet ball valve & no outlet valve
- ***VBB = inlet ball valve & outlet ball valve
- VBG = inlet ball valve & outlet compression valve
- VBH = inlet ball valve & outlet single check valve
- Δ VBHH = inlet ball valve & outlet cascading dual check valve
- **VBHC = inlet ball valve & outlet cartridge dual check valve

T = "T" in front of the catalog number indicates a tandem style setter

* Coppersettters can be ordered less valves by omitting the above letters from the catalog number.

** Cartridges with enhanced chlorine/ chloramine resistance are available. Add "CR" to end of alpha code.
Example: VHC~~CR~~72-15W-44-33-NL

*** The 5/8" port angle ball valve is a one-way directional valve designed for the inlet side of the meter and should not be used as a customer shut-off on the customer side of the meter.

Meter size

- 1 = 5/8" meter
- 2 = 5/8"x 3/4" meter
- 3 = 3/4" meter
- 4 = 1" meter
- 6 = 1-1/2" flanged meter
- 7 = 2" flanged meter

Ford Coppersettters Numbering System

Setter height (Approximate)

- 7 = 7" high setter
- 8 = 8" high setter
- 9 = 9" high setter
- 10 = 10" high setter
- 12 = 12" high setter

Setters above 12" are made in 3" increments

Service line connection size

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

Inlet Outlet

5/8" thru 1" Coppersettters only

W = Angle Meter Ball and Key Valves are with Padlock Wing

Compression valve without Padlock Wing

1-1/2" and 2" Coppersettters only

B = Bypass

HB = High Bypass

BHC = Bypass with dual check (1-1/2" and 2" only)

HBHC = High Bypass with dual check (1-1/2" and 2" only)

V72 - 12W - 44 - 33 - G - NL

Type of setter

- 7 = 70 series coppersetter with horizontal inlet and outlet
- 27 = 270 series coppersetter with detachable pack joint assemblies for 5/8", 5/8" x 3/4", 3/4" and 1" meter
- 8 = 80 series coppersetter with vertical inlet and outlet
- 7-8 = 70-80 series coppersetter with vertical inlet and horizontal outlet
- 9 = 90 series coppersetter with horizontal inlet and outlet for 5/8", 5/8" x 3/4", 3/4" and 1" meter
- 4 = 40 series resetter to use when meter connections are available in existing services
- 3 = 30 series flexible resetter to use when meter nuts are available in existing services for 5/8", 5/8"x3/4", 3/4" and 1" meter

Inlet Outlet

Service line connection type

- 1 = Double Purpose Union Swivel (FIP for 1-1/2" & 2" Coppersettters)
- 2 = Flare Copper
- 4 = Pack Joint for CTS
- 6 = Pack Joint for PE pipe
- 7 = Pack Joint for PVC pipe (Schedule 40 & 80)
- 8 = Male Iron Pipe Union Swivel
- F = Integral Female Iron pipe (Female Iron Pipe Union Swivel may be used when Integral FIP is not available.)
- M = Integral Male Iron Pipe Thread

Options

- G = Grip nut compression fitting instead of pack joint nut. Available with CTS (3/4" - 2") and PE Pipe (3/4" & 1")
- Q = Quick Joint
- TP6 = 1-1/2" Integral Test Port on Dual Check Valve for 1-1/2" and 2" Coppersettters with a shut-off valve below the Dual Check Valve
- TW-Q = CTS Quick Joint with Tracer Wire Terminal Ultra-Tite available with 3/4" and 1" CTS and PE Pipe (contact factory for pricing)
- U = Ultra-Tite available with 3/4" and 1" CTS and PE pipe where listed

90 Series Options

- A = 15" Outlet Extension
- B = 18" Outlet Extension
- C = Bolted Clamp
- E = Brace Eye
- F = 15" Outlet Extension and Bolted Clamp
- H = 15" Outlet Extension and Brace Eye
- J = 18" Outlet Extension and Bolted Clamp
- K = 18" Outlet Extension and Brace Eye

Δ Angle cascading dual check valve contains 3/4" internal components. This valve meets the ASSE flow requirements of a 1" valve. For a full port valve order the cartridge style check valve.

Note: 5/8" x 3/4", 3/4" and 1" setters with angle ball valve will have a reduced port that usually provides suitable water flow. A full port ball valve is available at an additional cost; add "-FP" to end of catalog number and contact the factory for pricing.

▲ 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.

Information

Features of Ford Coppersetters, Linesetters and Resetters

Valve Options - The valve on the riser of a Coppersetter, Linesetter or Resetter serves as a curb stop. An inverted key valve is available; however, angle ball valves and full port angle ball valves may be specified and provide many advantages. Padlock wings are standard on all Ford meter valves (key and ball styles). Ball Valves have an option for 360° rotation of the tee-head; insert "R" into the catalog number (Example: VB72-7WR-11-33-NL). 5/8" x 3/4", 3/4" and 1" Coppersetters with angle ball valve will be reduced port, unless otherwise specified. (Add "-FP" to the catalog number for full port.)



Angle Ball Valve

All Ford Meter Setters are assembled using lead-free solder.

Coppersetters, Linesetters, and Resetters are complete meter setting devices, easily installed and providing these permanent benefits.

- Meter reading is expedited
- Pressure loss is minimized
- Meter changes are quick and do not disturb the service line
- Provides cost savings in couplings, valves, pipe fittings and labor
- Makes retrofitting a check valve for backflow prevention quick and easy

Coppersetters place meters 7" or more above the service line. Linesetters place meters 3" above the service line. We offer a wide variety of valve and service line connections. Resetters attach to old meter connections to raise and improve meter settings.



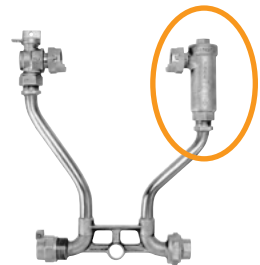
Dual Angle Check Valves are available on Ford setters and resetters for meters through 2". Cartridge Style Dual Angle Check Valves are available through 1". Located at the outlet of the meter, they are practical and inexpensive solutions to several potential backflow problems.

Pit flooding during meter changeouts is prevented, as well as hot water damage to meter chambers. In the event of a utility system pressure drop, some protection is afforded from cross-connection contamination, and raw water infiltration from customer well systems is minimized.

Checks are spring loaded, made of brass, plastic and stainless steel construction, and have a removable top or back cap for in-line maintenance purposes.

A single angle check valve can also be specified and ordered on any Ford Setter or Resetter. Check Valves are available as outlet valves. Ford is THE choice of Dual Checks for Water Utilities. Only Ford offers these important advantages:

- The first full line of ASSE approved Dual Checks designed for use at the water meter
- The first full line of ASSE approved Dual Checks with removable access caps for easy maintenance
- The first ASSE approved Dual Checks available as integral parts of Coppersetters, Resetters and Yokes

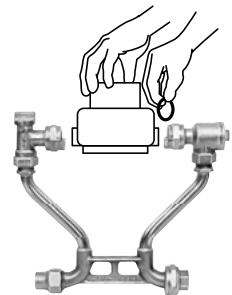


Cartridge Dual Check Valve



Saddle Nuts - This feature provides supporting lips on the coupling nuts to hold the meter when it is lowered into position. Threads in the nuts are automatically lined up with the meter spuds for easy starting. Gaskets are held in place and prevented from dropping while the nuts are started. Saddle nuts save time, trouble and gaskets with each meter change.

Saddle nuts are included with all 5/8" through 1" Ford Coppersetters and Resetters (except Tandem Setters) as a free and valuable bonus. Support brackets included on 1-1/2" and 2" Coppersetters and Resetters provide similar advantages by holding the flanged meter and gasket in place while the flange bolts are inserted and tightened.



A **Compression Valve** is available on Coppersetters. It is normally placed at the outlet and is convenient for customer operation.



Compression Valve

A **Drain or Test Valve** for checking meter performance or draining service lines can be included at the outlet of plain or single valve Coppersetters and Resetters. The drain valve consists of a bronze body with a bronze screw seating on a plastic washer to prevent leakage.



Drain or Test Valve

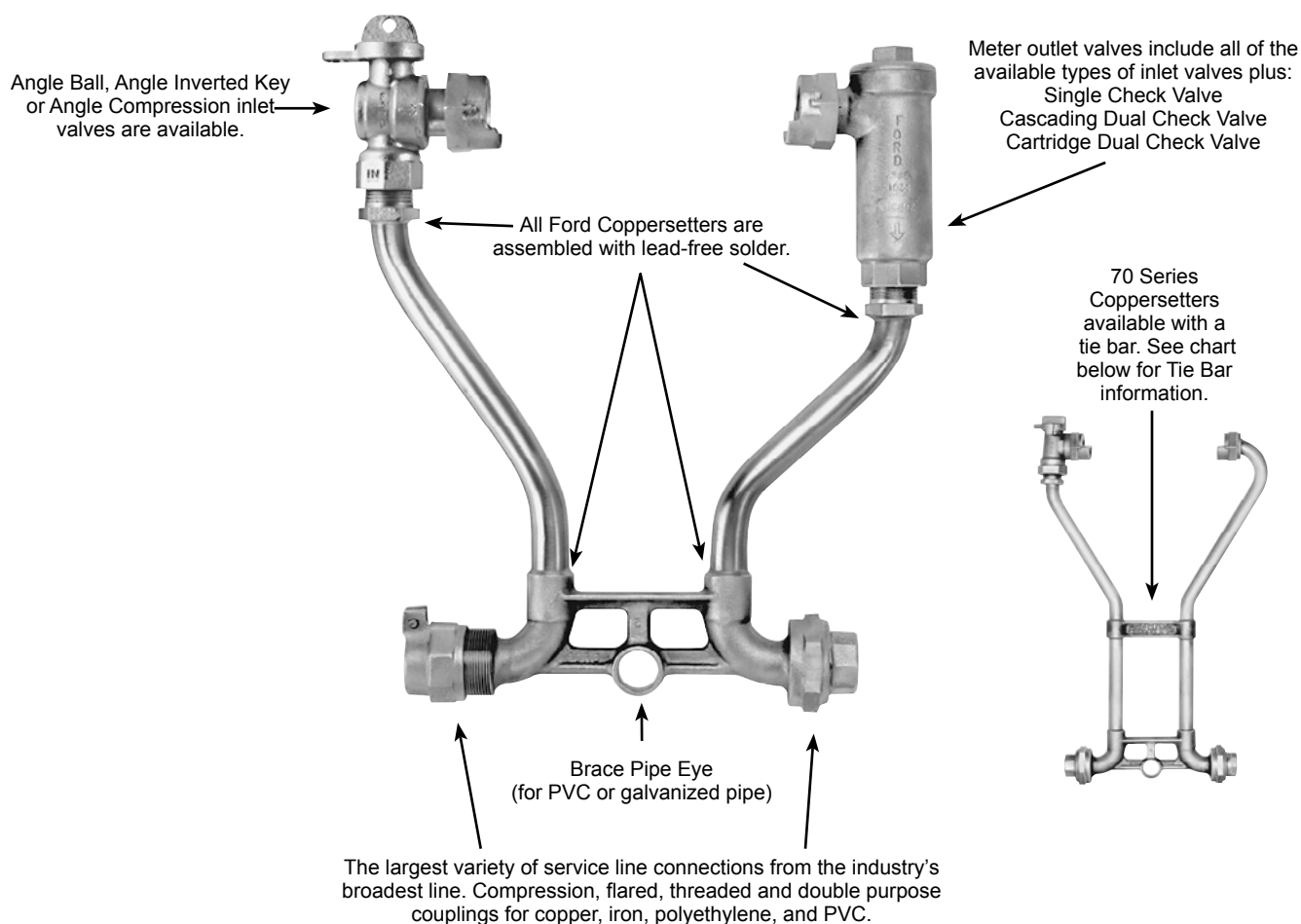
The Ford 70 Series Coppersetter

For 5/8", 5/8"x3/4", 3/4" or 1" Meters

Ford 70 series Coppersetters are designed to be a complete, ready-made meter setting. They require only two pipe joints to install and will connect to horizontal service lines. 70 Series Coppersetters are made in various heights to place the meter at the proper elevation for convenient reading and servicing. Correct hydraulic design ensures minimum pressure loss; copper and brass construction provides a lifetime of satisfactory service.

To order: Select one catalog number component from each of the three charts on pages 8 through 11 to arrive at the complete Coppersetter catalog number. Selection order of components:

1. Meter size and valve type page 8
2. Coppersetter height page 8
3. Service line connections pages 9 -11



40, 70 AND 270 SERIES TIE BAR REQUIREMENTS				
COPPERSETTER HEIGHT	METER SIZE			
	5/8", 5/8"x3/4", & 3/4"		1"	
	WITHOUT *HHCA	WITH *HHCA	WITHOUT *HHCA	WITH *HHCA
15" & Under	NO	NO	NO	NO
18"	YES	NO	NO	NO
21"	YES	YES	YES	NO
24" thru 39"	YES	YES	YES	YES
42" and higher	YES (2)	YES (2)	YES (2)	YES (2)

* HHCA represents a cartridge style dual check valve, which is designated with an "HC" in the coppersetter catalog number. **Example:** VHC72-15W-44-33-NL

The Ford 70 Series Coppersetter

For 5/8", 5/8"x3/4", 3/4" or 1" Meters

Example of Catalog Number for a 70 Series Coppersetter

FIRST PART OF NUMBER
(METER SIZE AND VALVE TYPE)

SECOND PART OF NUMBER
(COPPERSETTER HEIGHT)

THIRD PART OF NUMBER
(SERVICE LINE CONNECTION TYPE & SIZE)

VBHC72-12W-41-33-NL

Angle Ball Meter
Valve on inlet

Cartridge Angle Dual Check
on outlet

70 Series Coppersetter
For 5/8 x 3/4" Meter Only

Riser height is approximately 12" from
center line of the service line to center line
of the meter spud

(Brace Eye is Standard
on all 70 Series Coppersetters)

"No-Lead" Brass*

3/4" Outlet Service Line Connection

3/4" Inlet Service Line Connection

Double Purpose Union Swivel
Outlet Service Line Connection

Pack Joint for CTS

Inlet Service Line Connection

Angle Meter Ball and Key Valves are
with Padlock Wing – Compression valves
are **without** Padlock Wing

The description for the above catalog number reads: 70 Series Coppersetter for 5/8" x 3/4" meter with an Angle Ball Meter Valve on the inlet, Cartridge Angle Dual Check on the outlet, 12 inches high, with 3/4" Pack Joint for CTS inlet by 3/4" double purpose union swivel outlet.

* 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 brass alloy for only non-potable water systems within the United States.

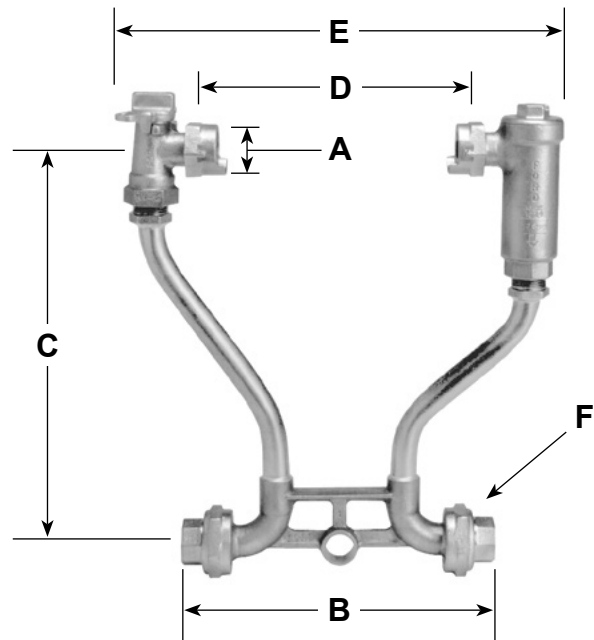
Catalog Numbering Illustration

METER SIZE & VALVE TYPE
1ST PART OF CATALOG NUMBER

HEIGHT
2ND PART OF
CATALOG NUMBER

SERVICE LINE CONNECTIONS
3RD PART OF CATALOG NUMBER

Dimensions

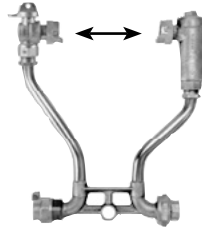


APPROX. DIMENSIONS	METER SIZES			
	5/8"	5/8" x 3/4"	3/4"	1"
A	1-1/16"	1-5/16"	1-5/16"	1-5/8"
B	9-1/2"	9-1/2"	11"	12-3/4"
C	Heights as ordered in all sizes			
D	7-1/2"+3/8"	7-1/2"+3/8"	9"+3/8"	10-3/4"+3/8"
E	12"	12"	14-1/4"	17-1/4"
F	3/4"	3/4"	3/4"	1"

The Ford 70 Series Coppersetter

For 5/8", 5/8"x3/4", 3/4" or 1" Meters

METER SIZE & VALVE TYPE - (FIRST PART OF CATALOG NUMBER)



CATALOG NUMBER (METER SIZE AND VALVE TYPE)				DESCRIPTION (METER CONNECTION)	
FOR 5/8"	FOR 5/8"x 3/4"	FOR 3/4"	FOR 1"	INLET VALVE	OUTLET VALVE
71	72	73	74	None	None
V71	V72	V73	V74	Key	None
VB71	VB72	VB73	VB74	Ball	None
VBB71***	VBB72***	VBB73	VBB74	Ball	Ball
VV71	VV72	VV73	VV74	Key	Key
VVG71*	VVG72*	VVG73*	VVG74*	Key	Compression
VH71	VH72	VH73	VH74	Key	Single Check
VHH71	VHH72	VHH73	VHH74 ▼	Key	Cascading Dual Check
VHC71**	VHC72**	VHC73**	VHC74**	Key	● Cartridge Dual Check
VBG71*	VBG72*	VBG73*	VBG74*	Ball	Compression
VBH71	VBH72	VBH73	VBH74	Ball	Single Check
VBHH71	VBHH72	VBHH73	VBHH74 ▼	Ball	Cascading Dual Check
VBHC71**	VBHC72**	VBHC73**	VBHC74**	Ball	● Cartridge Dual Check

* Compression valve does not have padlock wing.

** 70 Series Coppersetters with cartridge dual check valve have a 9" minimum height for 5/8" and 5/8" x 3/4" meters, and a 12" minimum height for 3/4" and 1" meters.

*** The 5/8" port angle ball valve is a one-way directional valve designed for the inlet side of the meter and should not be used as a customer shut-off on the customer side of the meter.

▼ Angle cascading dual check valves contain 3/4" internal components. This valve meets the ASSE flow requirements of a 1" valve. For a full port valve, order the cartridge style check valve.

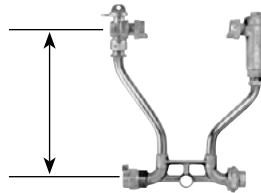
● Cartridges with enhanced chlorine/chloramine resistance are available. Add "CR" to end of alpha code. Example: VHC**CR**72-15W-44-33-NL

Note: Setters with angle ball valve will be reduced port unless otherwise requested. Reduced port valves usually provide suitable water flow. (Add "-FP" to the catalog number for full port.)

Meter Valve Options for 70 Series Coppersetters: Seal Wire Hole in Inlet Valve, Seal Wire Hole in Check Valve

HEIGHT - (SECOND PART OF CATALOG NUMBER)

NOTE: Height dimensions are approximate.



For 5/8" and 5/8"x3/4" Meter

CATALOG NUMBER	HEIGHT IN INCHES
7W-NL	7
9W-NL	9
12W-NL	12
15W-NL	15
18W-NL	18
21W-NL	21
24W-NL	24

For 3/4" Meter

CATALOG NUMBER	HEIGHT IN INCHES
8W-NL	8
12W-NL	12
15W-NL	15
18W-NL	18
21W-NL	21
24W-NL	24

For 1" Meter

CATALOG NUMBER	HEIGHT IN INCHES
10W-NL	10
12W-NL	12
15W-NL	15
18W-NL	18
21W-NL	21
24W-NL	24

HEIGHT INFORMATION FOR 70 SERIES COPPERSETTERS:

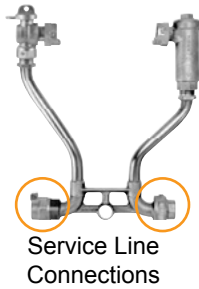
- Contact factory for availability of heights not listed.
- Coppersetters are available in heights over 24" in 3" increments; 27", 30", 33" etc. To order, place desired height in catalog number. Example: V72-33W-11-33-NL is a 33" high setter.
- See table on page 6 for tie bar requirements

Meter valve options for 70 Series Coppersetters: Seal wire hole in inlet valve, seal wire hole in check valve

The Ford 70 Series Coppersetter

For 5/8", 5/8"x3/4" and 3/4" Meters

INLET & OUTLET SERVICE LINE CONNECTIONS \ BOTTOM BAR - (THIRD PART OF CATALOG NUMBER)



CATALOG NUMBER	Pack Joint by Pack Joint	
	DESCRIPTION	
	INLET CONNECTION	OUTLET CONNECTION
▶♦ 44-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶♦♦ 66-33-NL	3/4" P.J. for PE Pipe*	3/4" P.J. for PE Pipe*
• 77-33-NL	3/4" P.J. for PVC Pipe	3/4" P.J. for PVC Pipe
▶• 46-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for PE Pipe*
▶• 64-33-NL	3/4" P.J. for PE Pipe (PEP)	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶• 47-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for PVC Pipe
▶• 74-33-NL	3/4" P.J. for PVC Pipe	3/4" P.J. for Copper or Plastic Tubing (CTS)*
• 44-43-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶♦♦ 44-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for Copper or Plastic Tubing (CTS)*
▶• 66-44-NL	1" P.J. for PE Pipe*	1" P.J. for PE Pipe*
• 77-44-NL	1" P.J. for PVC Pipe	1" P.J. for PVC Pipe
▶• 46-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for PE Pipe*
▶• 64-44-NL	1" P.J. for PE Pipe*	1" P.J. for Copper or Plastic Tubing (CTS)*
▶• 47-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for PVC Pipe
▶• 74-44-NL	1" P.J. for PVC Pipe	1" P.J. for Copper or Plastic Tubing (CTS)*
▶• 67-44-NL	1" P.J. for PE Pipe*	1" P.J. for PVC Pipe
▶• 76-44-NL	1" P.J. for PVC Pipe	1" P.J. for PE Pipe*

Pack Joint by Iron Pipe and Double Purpose Connections		
♦ 4M-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" Integral Male Iron Pipe Thread
▶♦ 14-33-NL	3/4" Double Purpose Union Swivel Δ	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶♦ 41-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" Double Purpose Union Swivel Δ
▶♦ 48-33-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	3/4" Male Iron Pipe Union Swivel
▶♦ 84-33-NL	3/4" Male Iron Pipe Union Swivel	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶• 16-33-NL	3/4" Double Purpose Union Swivel Δ	3/4" P.J. for PE Pipe*
▶• 61-33-NL	3/4" P.J. for PE Pipe*	3/4" Double Purpose Union Swivel Δ
• 17-33-NL	3/4" Double Purpose Union Swivel Δ	3/4" P.J. for PVC Pipe
• 71-33-NL	3/4" P.J. for PVC Pipe	3/4" Double Purpose Union Swivel Δ
▶• 68-33-NL	3/4" P.J. for PEP Pipe*	3/4" Male Iron Pipe Union Swivel
▶• 86-33-NL	3/4" Male Iron Pipe Union Swivel	3/4" P.J. for PEP Pipe*
• 78-33-NL	3/4" P.J. for PVC Pipe	3/4" Male Iron Pipe Union Swivel
• 87-33-NL	3/4" Male Iron Pipe Union Swivel	3/4" P.J. for PVC Pipe
♦♦ 48-34-NL	3/4" P.J. for Copper or Plastic Tubing (CTS)*	1" Male Iron Pipe Union Swivel
♦♦ 84-43-NL	1" Male Iron Pipe Union Swivel	3/4" P.J. for Copper or Plastic Tubing (CTS)*
▶• 84-44-NL	1" Male Iron Pipe Union Swivel	1" P.J. for Copper or Plastic Tubing (CTS)*
▶• 48-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" Male Iron Pipe Union Swivel
• 78-44-NL	1" P.J. for PVC Pipe	1" Male Iron Pipe Union Swivel
• 87-44-NL	1" Male Iron Pipe Union Swivel	1" P.J. for PVC Pipe
• 41-43-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	3/4" Double Purpose Union Swivel Δ
• 14-34-NL	3/4" Double Purpose Union Swivel Δ	1" P.J. for Copper or Plastic Tubing (CTS)*
• 61-43-NL	1" P.J. for PE Pipe*	3/4" Double Purpose Union Swivel Δ
• 16-34-NL	3/4" Double Purpose Union Swivel Δ	1" P.J. for PE Pipe*
• 17-34-NL	3/4" Double Purpose Union Swivel Δ	1" P.J. for PVC Pipe
• 71-43-NL	1" P.J. for PVC Pipe	3/4" Double Purpose Union Swivel Δ
• 4F-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" Female Iron Pipe Union Swivel
• F4-44-NL	1" Female Iron Pipe Union Swivel	1" P.J. for Copper or Plastic Tubing (CTS)*
• 6F-44-NL	1" P.J. for PE Pipe*	1" Female Iron Pipe Union Swivel
• F6-44-NL	1" Female Iron Pipe Union Swivel	1" P.J. for PE Pipe*
• 7F-44-NL	1" P.J. for PVC Pipe	1" Female Iron Pipe Union Swivel
• F7-44-NL	1" Female Iron Pipe Union Swivel	1" P.J. for PVC Pipe

* **Grip Joint** for CTS and PE pipe is available. Add "-G" to the catalog number.
Example: V72-12W-41-33-G-NL

♦ **Quick Joint** is available. Add "-Q" to the catalog number.

▶ **Ultra-Tite** is available. Contact factory for more information.

Δ Double Purpose Union Swivels will accommodate male iron pipe threads or flare copper.

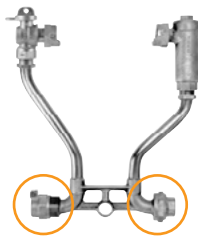
• These connections on 73 Series Coppersetters will have 13/16" O.D. copper tubing.

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

The Ford 70 Series Coppersetter

For 5/8", 5/8"x3/4" and 3/4" Meters

INLET & OUTLET SERVICE LINE CONNECTIONS \ BOTTOM BAR - (THIRD PART OF CATALOG NUMBER)



Service Line Connections

CATALOG NUMBER	Double Purpose, Iron Pipe and Flare Copper	
	DESCRIPTION	
	INLET CONNECTION	OUTLET CONNECTION
11-33-NL	3/4" Double Purpose Union Swivel Δ	3/4" Double Purpose Union Swivel Δ
22-33-NL	3/4" Flare Copper	3/4" Flare Copper
88-33-NL	3/4" Male Iron Pipe Union Swivel	3/4" Male Iron Pipe Union Swivel
21-33-NL	3/4" Flare Copper	3/4" Double Purpose Union Swivel Δ
81-33-NL	3/4" Male Iron Pipe Union Swivel	3/4" Double Purpose Union Swivel Δ
18-33-NL	3/4" Double Purpose Union Swivel Δ	3/4" Male Iron Pipe Union Swivel
81-43-NL	1" Male Iron Pipe Union Swivel	3/4" Double Purpose Union Swivel Δ
● FF-33-NL	3/4" Integral Female Iron Pipe	3/4" Integral Female Iron Pipe
MM-33-NL	3/4" Integral Male Iron Pipe	3/4" Integral Male Iron Pipe
11-44-NL	1" Double Purpose Union Swivel Δ	1" Double Purpose Union Swivel
FF-44-NL	1" Female Iron Pipe Union Swivel	1" Female Iron Pipe Union Swivel
22-44-NL	1" Flare Copper	1" Flare Copper
88-44-NL	1" Male Iron Pipe Union Swivel	1" Male Iron Pipe Union Swivel

Δ Double Purpose Union Swivels will accommodate male iron pipe threads or flare copper.

- These connections on 73 Series Coppersetters will have 13/16" O.D. copper tubing.

PARTS FOR 5/8", 5/8" X 3/4" AND 3/4" SERIES COPPERSETTERS

CATALOG NUMBER	DESCRIPTION	APPROX. Wt. Lbs.
CSSUN4-33-Q-NL	3/4" CTS Quick Joint Swivel and Union Nut Assembly (with Quick Joint Nut)	1.1
■ CSUN-3	Union Nut only	0.2
CSS8-33-NL	3/4" Male Iron Pipe Thread Swivel only	0.5
CSS1-33-NL	3/4" Female Iron Pipe Thread Swivel only	0.2
○ CSSS-33-CR-NL	3/4" Solder Swivel only	0.2
CSS4-33-NL	3/4" CTS Pack Joint Swivel only (with Pack Joint Nut)	0.7
CSS8-34-NL	1" Male Iron Pipe Thread Swivel only	0.4
○ CSSS-34-CR-NL	1" Solder Swivel only	0.2
CSSUN1-33-NL	3/4" Female Iron Pipe Swivel and Union Nut Assembly	0.4
CSSUN1-34-NL	1" Female Iron Pipe Thread Swivel and Union Nut Assembly	0.9
CSSUN4-33-NL	3/4" CTS Pack Joint Swivel and Union Nut Assembly	0.9
CSSUN4-34-Q-NL	1" CTS Quick Joint Swivel and Union Nut Assembly	1.5
CSA4-33-U-NL	3/4" Female Double Purpose by 3/4" CTS Ultra-Tite	0.7
CSA4-44-U-NL	1" Female Double Purpose by 1" CTS Ultra-Tite	0.9
CSA6-33-U-NL	3/4" Female Double Purpose by 3/4" PEP Ultra-Tite	0.8
CSA6-44-U-NL	1" Female Double Purpose by 1" PEP Ultra-Tite	1.0
CSA4-33-Q-NL	3/4" CTS Quick Joint Adapter for 3/4" Double Purpose Nose	1.0
CSA7-33-NL	3/4" Pack Joint for PVC for 3/4" Double Purpose	1.1
HHSCS8-333-NL	3/4" Dual Check Valve with Valve Copperhorn Union Swivel Inlet and 3/4" MIP Outlet (Unit attaches directly to setter bottom bar)	1.8
GT-205	3/4" Composition Gasket for Double Purpose Connection	—
GT-206	1" Composition Gasket for Double Purpose Connection	—

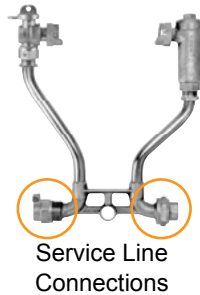
NOTE: Ford Pack Joints for PVC are recommended for Schedule 40 and Schedule 80 pipe only.

- **Attention:** Special solder and procedures are required for best results. Contact factory or see website for installation instructions.
- Item does not come in contact with potable water and is manufactured of UNS/CDA No. C83600 alloy.

The Ford 70 Series Coppersetter

For 1" Meters

INLET & OUTLET SERVICE LINE CONNECTIONS \ BOTTOM BAR - (THIRD PART OF CATALOG NUMBER)



Pack Joint by Pack Joint		
CATALOG NUMBER	DESCRIPTION	
	INLET CONNECTION	OUTLET CONNECTION
▶♦ 44-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for Copper or Plastic Tubing (CTS)*
▶ 66-44-NL	1" P.J. for PE Pipe*	1" P.J. for PE Pipe*
77-44-NL	1" P.J. for PVC Pipe	1" P.J. for PVC Pipe
▶ 46-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for PE Pipe*
▶ 64-44-NL	1" P.J. for PE Pipe*	1" P.J. for Copper or Plastic Tubing (CTS)*
▶ 47-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" P.J. for PVC Pipe
▶ 74-44-NL	1" P.J. for PVC Pipe	1" P.J. for Copper or Plastic Tubing (CTS)*
▶ 67-44-NL	1" P.J. for PE Pipe*	1" P.J. for PVC Pipe
▶ 76-44-NL	1" P.J. for PVC Pipe	1" P.J. for PE Pipe*

Pack Joint, Iron Pipe Thread and Double Purpose Connections		
▶♦ 14-44-NL	1" Double Purpose Union Swivel Δ	1" P.J. for Copper or Plastic Tubing (CTS)*
▶♦ 41-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" Double Purpose Union Swivel Δ
▶ 16-44-NL	1" Double Purpose Union Swivel Δ	1" P.J. for PE Pipe*
▶ 61-44-NL	1" P.J. for PE Pipe*	1" Double Purpose Union Swivel Δ
71-44-NL	1" Double Purpose Union Swivel Δ	1" P.J. for PVC Pipe
71-44-NL	1" P.J. for PVC Pipe	1" Double Purpose Union Swivel Δ
▶ 48-44-NL	1" P.J. for Copper or Plastic Tubing (CTS)*	1" Male Iron Pipe Union Swivel
▶ 84-44-NL	1" Male Iron Pipe Union Swivel	1" P.J. for Copper or Plastic Tubing (CTS)*
FF-44-NL	1" Female Iron Pipe Union Swivel	1" Female Iron Pipe Union Swivel

Iron Pipe and Flare Connections		
11-44-NL	1" Double Purpose Union Swivel Δ	1" Double Purpose Union Swivel Δ
22-44-NL	1" Flare Copper	1" Flare Copper
88-44-NL	1" Male Iron Pipe Union Swivel	1" Male Iron Pipe Union Swivel
12-44-NL	1" Double Purpose Union Swivel Δ	1" Flare Copper
21-44-NL	1" Flare Copper	1" Double Purpose Union Swivel Δ
18-44-NL	1" Double Purpose Union Swivel Δ	1" Male Iron Pipe Union Swivel
81-44-NL	1" Male Iron Pipe Union Swivel	1" Double Purpose Union Swivel Δ
28-44-NL	1" Flare Copper	1" Male Iron Pipe Union Swivel
82-44-NL	1" Male Iron Pipe Union Swivel	1" Flare Copper
MM-44-NL	1" Integral Male Iron Pipe	1" Integral Male Iron Pipe
MM-66-NL	1-1/2" Integral Male Iron Pipe	1-1/2" Integral Male Iron Pipe
FF-55-NL	1-1/4" Female Iron Pipe Union Swivel	1-1/4" Female Iron Pipe Union Swivel
88-55-NL	1-1/4" Male Iron Pipe Union Swivel	1-1/4" Male Iron Pipe Union Swivel

PARTS FOR 1" SERIES COPPERSETTERS

CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.
CSA4-44-U-NL	1" Ultra-Tite by Pack Joint (CTS) by 1" Double Purpose	0.9
CSA6-44-U-NL	1" Ultra-Tite by Pack Joint (PEP) by 1" Double Purpose	1.0
CSA7-44-NL	1" Pack Joint PVC Adapter for Double Purpose Nose	2.0
CSUN-4	Union Nut only	0.4
CSS1-44-NL	1" Female Iron Pipe Thread Swivel only	0.3
CSS8-44-NL	1" Male Iron Pipe Thread Swivel only	0.5
CSS8-45-NL	1-1/4" Male Iron Pipe Thread Swivel only	0.7
○ CSSS-44-CR-NL	1" Solder Swivel only	0.3
CSSUN1-44-NL	1" Female Iron Pipe Thread Swivel and Union Nut Assembly	0.7

○ **Attention:** Special solder and procedures are required for best results. Contact factory or see website for installation instructions.

* **Grip Joint** for CTS and PE pipe is available. Add "-G" to the catalog number.

♦ **Quick Joint** is available. Add "-Q" to the catalog number.

▶ **Ultra-Tite** is available. Contact factory for more information.

Δ Double Purpose Union Swivels will accommodate male iron pipe threads or flare copper.

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