

# Ford Water Meter Couplings & Accessories



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<p style="text-align: center;"><b>TYPE OF COUPLING OR ACCESSORY</b></p> <p><b>C</b> = Straight Coupling  <b>CF</b> = Couplings for Flanged Meters  <b>CT</b> = Couplings for Tapped Meters  <b>L</b> = 90° Elbow  <b>LA</b> = Eighth Bend  <b>LF</b> = Flanged Ells  <b>U</b> = Branch Piece (7-1/2" standard length)  <b>UA</b> = Angle Branch Piece (6-1/2" length)  <b>TA</b> = Tapped Meter Adapter</p> <p>Note: Separate meter nuts, gaskets, adapters and bushings are item specific - please refer to catalog for number.</p>	<p style="text-align: center;"><b>SIZE OF INLETS - OUTLETS</b> (One End - Other End)</p> <p><b>1</b> = 1/2" (or 5/8" for meter nut)  <b>2</b> = 5/8" (or 5/8"x3/4" &amp; 3/4" for meter nut)  <b>3</b> = 3/4"  <b>4</b> = 1"  <b>5</b> = 1-1/4"  <b>6</b> = 1-1/2"  <b>7</b> = 2"</p> <p style="text-align: center;"><b>METER CONNECTION SIZE</b></p> <p><b>1</b> = 5/8"  <b>2</b> = 5/8"x3/4" &amp; 3/4"  <b>4</b> = 1"  <b>6</b> = 1-1/2"  <b>7</b> = 2"</p>
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L 3 1 - 2 3 D

<p style="text-align: center;"><b>TYPE OF INLETS - OUTLETS</b> (One End - Other End)</p> <p><b>1</b> = Female Iron Pipe Threads  <b>2</b> = Flare Copper Tube Nut  <b>3</b> = Meter Nut or Flange  <b>4</b> = Pack Joint for Plastic or Copper Tube (CTS)  <b>5</b> = Pack Joint for Iron Pipe  <b>6</b> = Pack Joint for PE Pipe  <b>7</b> = Pack Joint for PVC Pipe (Schedule 40 &amp; 80)  <b>8</b> = Male Iron Pipe Threads  <b>0</b> = Female Copper Tube Nut Thread or 'Special'</p>	<p style="text-align: center;"><b>OPTIONAL FEATURES</b></p> <p><b>D</b> = Test/Drain Valve  <b>-G</b> = Grip Joint  <b>NE</b> = New England Threads  <b>-Q</b> = Quick Joint (For Indicated Items)</p>
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Ford Water Meter Couplings  
and Accessories  
Numbering System

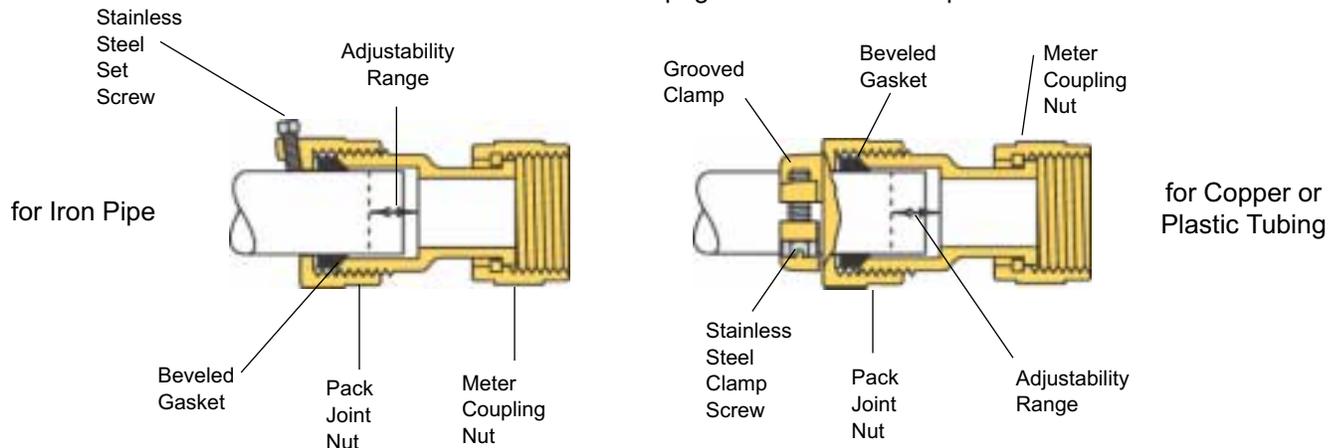
Note: See item listings in Catalog Section H to ensure desired sizes and options are available.

# Meter Couplings

## Straight Meter Couplings with Pack Joints

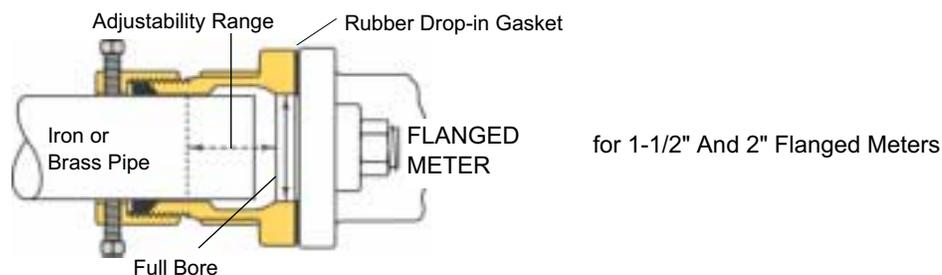
Connecting meters to iron, copper or plastic service lines, old or new, is expedited with Ford Pack Joint Meter Couplings. The Pack Joint connection makes a tight, permanent joint on copper, plastic or iron pipe *without flaring, soldering or threading*. The Pack Joint provides adjustability for inaccuracies in pipe length and alignment.

See the next page for a further description of how the Pack Joint works.



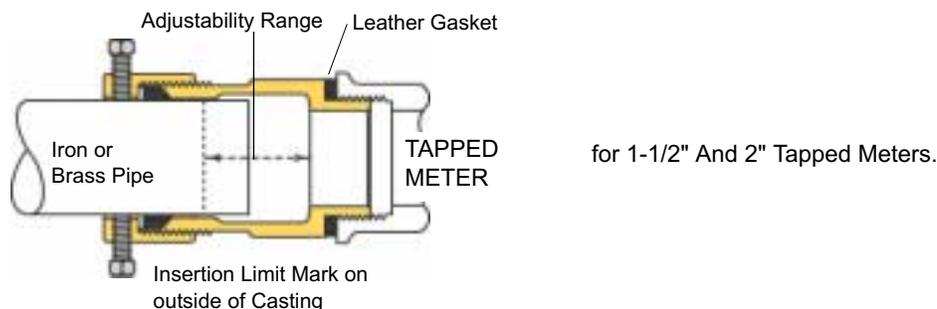
## Lok-Pak Meter Couplings

Lok-Pak Couplings simplify the installation of 1-1/2" and 2" water meters and facilitate meter changing. They provide adjustability of spacing for the meter, and a measure of flexibility in the piping. Joints are dependably and permanently watertight and eliminate pipe threading and/or tube flaring.



As shown in the drawing, each Lok-Pak Coupling for a flanged meter has a lateral adjustment of 2".

The Pack Joint on all Lok-Pak Couplings tightens easily. The Pack Joint nut is locked in place on iron or brass pipe by two stainless steel set screws, and on copper or plastic by a grooved split clamp with a clamp screw. Details of the Ford Pack Joint are shown and described on the next page.



Each Coupling for a tapped meter provides adjustment of about 1". To assure space for retraction from the meter, each Coupling for tapped meters has a line on the casting to show the limit to which iron, brass or copper pipe can be inserted.

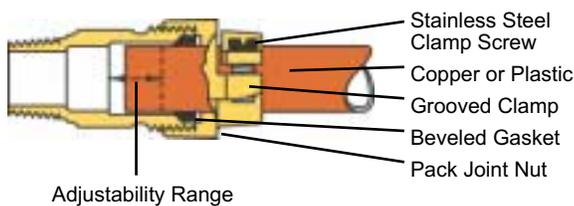
# Pack Joint Couplings

In a compression coupling, too much can hurt as much as too little. Excessive mechanical pullout resistance, for example, could mean ripping the Corporation Stop from the main, if a backhoe caught the service line. Ford Pack Joints offer a balanced design on every type of pipe. Stab the pipe into the fitting, tighten the Buna-N gasketed nut for a water-tight seal, and tighten the clamp screw. You get all the pullout resistance you need for the heaviest backfill loads-but not more than you need. Plus hydraulic blow-off protection that holds even beyond the point where plastic piping ruptures.

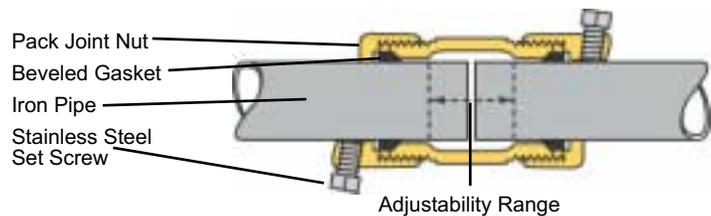
## Pack Joint Connections - How the Pack Joint Works

1. Tightening the large Pack Joint Nut compresses a Buna-N beveled gasket to make it water-tight around the pipe or tubing.
2. For copper or plastic tubing and pipe there is a locking device, a split clamp, which is drawn down securely on the tubing or pipe by tightening a stainless steel screw. Machined grooves in the clamp provide additional gripping action.
3. For iron pipe a stainless steel set screw is provided on the Pack Joint to bite in and lock on the pipe.

### FOR COPPER OR PLASTIC



### FOR IRON PIPE



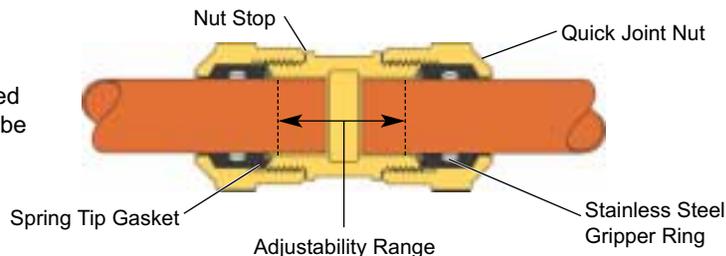
# Quick Joint Couplings

The new Ford Quick Joint offers traditional Ford features of quality and reliability. This easy to use fitting is available on a wide variety of Ford products. Just stab the copper or plastic tubing into the fitting and tighten down the compression nut to the stop. That's it! The Quick Joint provides excellent pullout resistance and superior hydraulic blow-off protection. Note: The Ford Quick Joint Nut IS NOT interchangeable with other Ford Compression fittings.

## Quick Joint Connections - How the Quick Joint Works

1. A large gasket and stainless steel gripper ring are drawn down together when the nut is tightened, providing the hydraulic seal and mechanical restraint.
2. A transparent fluorocarbon coating covers the interior of the nut, providing smooth torque transfer. This coating eliminates "back drive", reduces tightening torque and minimizes gasket distortion.
3. A positive, external and visual stop ensures correct installation, providing maximum gasket seal.

The Ford Quick Joint is designed and manufactured for copper or for copper tube size SDR 9 Polyethylene plastic with a solid tubular metal insert.



# Grip Joint Couplings

Tightening the Grip Joint Nut compresses a Buna-N beveled gasket to make it water-tight around the pipe or tubing. The bronze split ring is drawn down when the nut is tightened, providing the mechanical seal and lock on the pipe. Grip Joint Couplings are to be used only with 3/4" - 2" copper or PET, and 3/4" & 1" PEP.

# Code Marks for Ford Compression Coupling Nuts and Explanation of Abbreviations



Ford Pack Joint

**CTS** - Copper and PET

**PEP** - PE pipe

**PVC** - PVC pipe

**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."

**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.

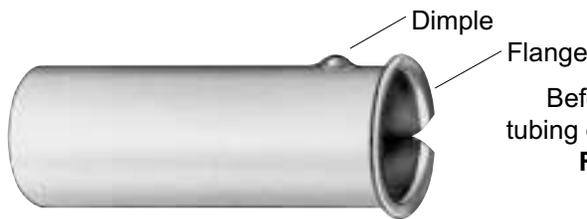
PET – Polyethylene tubing.

**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.

PEP – Polyethylene pipe.

**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.

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



## Insert Stiffeners

Before using Ford Insert Stiffeners, be sure inside tubing or pipe dimensions correspond to the table below.

**Ford recommends using Insert Stiffeners when using plastic pipe or tubing.**

### 50 SERIES FOR POLYETHYLENE TUBING (PET)

Catalog Number	Nominal Size	PET ID	Approx. Wt. Lbs.*	Std. Pkg. Qty.
Insert-51	3/4"	.681	4.8	150
Insert-52	1"	.875	4.2	75
** Insert-53	1-1/4"	1.069	2.4	50
Insert-54	1-1/2"	1.263	3.1	25
Insert-55	2"	1.653	6.0	40
◆ Insert-54-Q	1-1/2"	1.263	2.6	30
◆ Insert-55-Q	2"	1.653	5.8	50

### 70 SERIES FOR POLYETHYLENE PIPE (PEP)

Catalog Number	Nominal Size	PEP ID	Approx. Wt. Lbs.*	Std. Pkg. Qty.
Insert-71	3/4"	.824	4.4	100
** Insert-72	1"	1.049	2.9	50
Insert-73	1-1/4"	1.380	5.8	60
Insert-74	1-1/2"	1.610	5.5	45
Insert-75	2"	2.067	9.7	50
◆ Insert-72-Q	1"	1.049	2.9	50

\* Weights for Insert Stiffeners are for standard package quantities.

\*\* Insert-53 and Insert-72 fit both 1-1/4" Plastic Tubing (1.069 I.D.) and 1" Plastic Pipe (1.049 I.D.)

◆ These Inserts are specifically designed and required for Quick Joint Fittings with PET. They are not interchangeable for use with any other type of compression fittings.

## DIMENSION COMPARISON TABLE FOR PLASTIC, COPPER AND GALVANIZED IRON

Pipe or Tubing Type	SDR	PSI	Control	OD						ID						
				1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
Copper	–	–	OD	.625	.875	1.125	1.375	1.625	2.125	–	–	–	–	–	–	
PET	PE3408	9	200	OD	.625	.875	1.125	1.375	1.625	2.125	–	.681	.875	1.069	1.263	1.653
PEP	PE3408	7	200	ID	–	1.060	1.349	1.774	2.070	2.657	–	.824	1.049	1.380	1.610	2.067
PVC	–	–	OD	.840	1.050	1.315	1.660	1.900	2.375	–	–	–	–	–	–	
Galv IP	–	–	OD	.840	1.050	1.315	1.660	1.900	2.375	–	–	–	–	–	–	

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

# Meter Gaskets



CATALOG NUMBER	DESCRIPTION - USAGE	APPROX. WT. LBS.*	STD. PKG. QTY.
GT-109	5/8" Composition Coupling Gasket - 5/8" Meter	3.0	1000
GT-116	3/4" Composition Coupling Gasket - 5/8"x3/4" & 3/4" Meter	2.3	500
GT-121	1" Composition Coupling Gasket - 1" Meter	2.8	400
GT-167	5/8" Leather Coupling Gasket - 5/8" Meter	2.2	1000
GT-113	3/4" Leather Coupling Gasket - 5/8"x3/4" & 3/4" Meter	1.8	500
GT-163	1" Leather Coupling Gasket - 1" Meter	2.2	400
GT-110	Leather Changeover Coupling Gasket for changing 5/8" Meter to 5/8"x3/4" Meter	-	-
GT-108	5/8" Rubber Coupling Gasket - 5/8" Meter	2.8	1000
GT-114	3/4" Rubber Coupling Gasket - 5/8"x3/4" & 3/4" Meter	2.0	500
GT-120	1" Rubber Coupling Gasket - 1" Meter	2.6	400
GT-124	1-1/4" Rubber Coupling Gasket - 1-1/4" Meter	-	-
GT-140	1-1/2" Rubber Drop-In Gasket - 1-1/2" Flanged Meter	-	-
GT-141	2" Rubber Drop-In Gasket - 2" Flanged Meter	-	-
GT-131	1-1/2" Rubber Gasket - 1-1/2" Tapped Meter	-	-
GT-135	2" Rubber Gasket - 2" Tapped Meter	-	-
GT-126	1-1/2" Rubber Coupling Gasket - 1-1/2" Male Threaded Meter	-	-
GT-127	2" Rubber Coupling Gasket - 2" Male Threaded Meter	-	-

Gaskets are furnished with all meter coupling connections in 5/8", 3/4" and 1" sizes. Rubber drop-in gaskets are furnished with all flanges. Round leather (paraffined) gaskets are furnished with couplings for 1 1/2" and 2" tapped meters. All gaskets are 1/8" thick

## Copper Clad Resetter Gaskets



CAT. No.	DESCRIPTION - USAGE
GT-169	5/8" Copper Clad Resetter Gasket for 5/8" meter
GT-172	3/4" Copper Clad Resetter Gasket for 5/8"x3/4" and 3/4" meter
GT-174	1" Copper Clad Resetter Gasket for 1" meter

# Hex Bars for Body Style C



CATALOG NUMBER	DESCRIPTION	WRENCH SIZE	APPROX. WT. LBS.	STD. PKG. QTY.
HBW-3	for 3/4" Couplings, body style C	11/16"	.6	-
HBW-4	for 1" Couplings, body style C	13/16"	.6	-

# Dielectric Bushings

(For insulating service lines)



CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.	STD. PKG. QTY.
DB-34	3/4" Female Pipe Thread x 1" Male Pipe Thread	-	-
DB-45	1" Female Pipe Thread x 1-1/4" Male Pipe Thread	-	-
DB-56	1-1/4" Female Pipe Thread x 1-1/2" Male Pipe Thread	-	-
DB-67	1-1/2" Female Pipe Thread x 2" Male Pipe Thread	-	-
DB-78	2" Female Pipe Thread x 2-1/2" Male Pipe Thread	-	-

Examples: DB-34 and C31-24 assembly will insulate a 3/4" line, a DB-45 and C31-45 will insulate a 1" line.

# Straight Meter Couplings

## Straight Meter Couplings by Male Iron Pipe Thread

CATALOG NUMBER	DESCRIPTION OF COUPLING			APPROX. WEIGHT LBS.	STANDARD PACKAGE QUANTITY
	BODY STYLE	MALE IRON PIPE THREAD SIZE	COUPLING LENGTH		
<b>FOR 5/8" METERS</b>					
C38-11-2	A	1/2"	2"	.3	50
C38-11-2.188	A	1/2"	2-3/16"	.4	50
**C38-11-2.375	A	1/2"	2-3/8"	.4	40
C38-13-2.188	B	3/4"	2-3/16"	.5	40
<b>FOR 5/8" x 3/4" AND 3/4" METERS</b>					
C38-21-1.625	B	1/2"	1-5/8"	-	-
C38-21-2.375	B	1/2"	2-3/8"	.6	25
C38-23-1.437	C	3/4"	1-7/16"	.4	35
C38-23-1.5	C	3/4"	1-1/2"	.4	35
C38-23-1.625	C	3/4"	1-5/8"	.4	35
C38-23-2	A	3/4"	2"	.4	30
C38-23-2.25	A	3/4"	2-1/4"	.4	25
**C38-23-2.5	A	3/4"	2-1/2"	.4	24
C38-23-2.75	A	3/4"	2-3/4"	.5	25
C38-23-3	A	3/4"	3"	.5	25
C38-23-8.5	A	3/4"	8-1/2"	1.0	35
C38-23-12	B	3/4"	12"	2.3	25
C38-24-2.5	B	1"	2-1/2"	.6	20
<b>FOR 1" METERS</b>					
C38-44-1.5	C	1"	1-1/2"	.6	20
C38-44-2	C	1"	2"	.7	20
**C38-44-2.625	A	1"	2-5/8"	.8	15
C38-44-3.5	A	1"	3-1/2"	.7	12
C38-44-8.5	A	1"	8-1/2"	1.9	5
<b>FOR 1-1/4" METERS</b>					
C38-54-2.75	A	1"	2-3/4"	1.3	12
<b>FOR 1-1/2" METERS</b>					
C38-66-2.875	A	1-1/2"	2-7/8"	1.8	8
<b>FOR 2" METERS</b>					
C38-77-3.0625	A	2"	3-1/16"	3.0	4

\*\* STANDARD COUPLING LENGTH



Body Style A  
(hex on barrel)



Body Style B  
(heavy hex on barrel)



Body Style C  
(short with inside wrench hex)

## Straight Meter Couplings by Female Iron Pipe Thread and Flare Copper

CATALOG NUMBER	DESCRIPTION		COUPLING LENGTH	APPROX. WT. LBS.	STD. PKG. QTY.
<b>METER SWIVEL NUT BY FEMALE IRON PIPE THREAD</b>					
C31-13	5/8" Meter	x 3/4" Female Iron Pipe	1-7/8"	0.6	30
C31-23	5/8"x3/4" & 3/4" Meter	x 3/4" Female Iron Pipe	1-3/4"	0.7	30
C31-24	5/8"x3/4" & 3/4" Meter	x 1" Female Iron Pipe	2"	0.8	25
C31-44	1" Meter	x 1" Female Iron Pipe	2-3/8"	1.1	15
C31-45	1" Meter	x 1-1/4" Female Iron Pipe	2-3/8"	1.1	12
<b>METER SWIVEL NUT BY FLARE COPPER</b>					
C32-13	5/8" Meter	x 3/4" Flare Copper	2-3/16"	0.8	20
C32-23	5/8"x3/4" & 3/4" Meter	x 3/4" Flare Copper	2-3/16"	1.0	20
C32-44	1" Meter	x 1" Flare Copper	2-1/2"	1.5	12

**Note:** Length of couplings for Flare Copper is measured less the Copper tube nut.



## Meter Coupling Nuts Only

CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.	STD. PKG. QTY.
MN-1	5/8" Meter coupling Nut Only for "A" and "C" Body Style Straight Meter Couplings	-	-
CMC	5/8" to 3/4" Changeover Meter Coupling Nut for Changing 5/8" "A" Body Style Coupling from 5/8" meter to 5/8"x3/4" Meter	.25	50
MN-2	3/4" Meter coupling Nut Only for "A" and "C" Body Style Straight Meter Couplings	-	-
MN-4	1" Meter coupling Nut Only for "A" and "C" Body Style Straight Meter Couplings	-	-
MN-7	2" Meter coupling Nut Only for "A" and "C" Body Style Straight Meter Couplings	-	-



# Straight Meter Couplings With Pack Joints



CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.	STD. PKG. QTY.
<b>METER SWIVEL NUT BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)</b>					
C34-11	5/8" Meter	x	1/2" CTS P.J.	.8	25
◆C34-13	5/8" Meter	x	3/4" CTS P.J.	.8	20
C34-21	5/8"x3/4" & 3/4" Meter	x	1/2" CTS P.J.	.9	20
◆C34-23	5/8"x3/4" & 3/4" Meter	x	3/4" CTS P.J.	.8	20
◆C34-24	5/8"x3/4" & 3/4" Meter	x	1" CTS P.J.	.8	15
◆C34-44	1" Meter	x	1" CTS P.J.	1.2	12
C34-45	1" Meter	x	1-1/4" CTS P.J.	1.7	-
<b>METER SWIVEL NUT BY PACK JOINT FOR IRON PIPE</b>					
C35-11	5/8" Meter	x	1/2" Iron Pipe P.J.	.7	24
C35-13	5/8" Meter	x	3/4" Iron Pipe P.J.	.7	20
C35-21	5/8"x3/4" & 3/4" Meter	x	1/2" Iron Pipe P.J.	.5	20
C35-23	5/8"x3/4" & 3/4" Meter	x	3/4" Iron Pipe P.J.	.8	18
C35-23-4.875	5/8"x3/4" & 3/4" Meter	x	3/4" Iron Pipe P.J.	1.2	10
C35-44	1" Meter	x	1" Iron Pipe P.J.	1.5	10
<b>METER SWIVEL NUT BY PACK JOINT FOR PE PIPE</b>					
C36-13	5/8" Meter	x	3/4" PE Pipe P.J.	.9	20
C36-23	5/8"x3/4" & 3/4" Meter	x	3/4" PE Pipe P.J.	.9	15
C36-44	1" Meter	x	1" PE Pipe P.J.	1.8	8
<b>METER SWIVEL NUT BY PACK JOINT FOR PVC PIPE</b>					
C37-13	5/8" Meter	x	3/4" PVC Pipe P.J.	.8	20
C37-23	5/8"x3/4" & 3/4" Meter	x	3/4" PVC Pipe P.J.	.9	15
C37-44	1" Meter	x	1" PVC Pipe P.J.	1.8	10

*Grip Joint* for CTS and PEP can be ordered by adding "-G" to the Catalog Number.

**Note:** Insert Stiffeners are listed on page 5 of this section.

◆*Quick Joint* can be ordered by adding "-Q" to this catalog number.

# Angle Meter Couplings



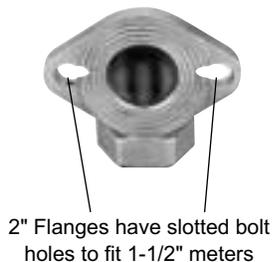
CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.	STD. PKG. QTY.
<b>METER SWIVEL NUT BY FEMALE IRON PIPE THREAD</b>					
L31-13	5/8" Meter	x	3/4" Female Iron Pipe	.8	20
L31-23	5/8"x3/4" & 3/4" Meter	x	3/4" Female Iron Pipe	.9	20
L31-23D (Test Valve)	5/8"x3/4" & 3/4" Meter	x	3/4" Female Iron Pipe	1.0	15
L31-24	5/8"x3/4" & 3/4" Meter	x	1" Female Iron Pipe	1.0	15
L31-44	1" Meter	x	1" Female Iron Pipe	1.2	12
<b>METER SWIVEL NUT BY FLARE COPPER</b>					
L32-12	5/8" Meter	x	5/8" Flare Copper	.8	16
L32-13	5/8" Meter	x	3/4" Flare Copper	.9	16
L32-23	5/8"x3/4" & 3/4" Meter	x	3/4" Flare Copper	1.1	14
L32-44	1" Meter	x	1" Flare Copper	1.7	8
<b>METER SWIVEL NUT BY MALE IRON PIPE THREAD</b>					
L38-11	5/8" Meter	x	1/2" Male Iron Pipe	.5	30
L38-23	5/8"x3/4" & 3/4" Meter	x	3/4" Male Iron Pipe	.8	16
L38-24	5/8"x3/4" & 3/4" Meter	x	1" Male Iron Pipe	.7	15
L38-44	1" Meter	x	1" Male Iron Pipe	1.1	12
L38-45-AWT	1" Meter	x	1-1/4" Male Iron Pipe	1.3	-
L38-66	1-1/2" Meter	x	1-1/2" Male Iron Pipe	3.0	6
<b>METER SWIVEL NUT BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)</b>					
L34-13	5/8" Meter	x	3/4" CTS P.J.	.8	15
◆L34-23	5/8"x3/4" & 3/4" Meter	x	3/4" CTS P.J.	1.1	14
L34-44	1" Meter	x	1" CTS P.J.	1.6	8
L34-45	1" Meter	x	1-1/4" CTS P.J.	.9	6
<b>METER SWIVEL NUT BY PACK JOINT FOR PE PIPE</b>					
L36-23	5/8"x3/4" & 3/4" Meter	x	3/4" PE Pipe P.J.	1.2	14
L36-44	1" Meter	x	1" PE Pipe P.J.	1.9	6

*Grip Joint* for CTS and PEP can be ordered by adding "-G" to the Catalog Number.

◆*Quick Joint* can be ordered by adding "-Q" to this catalog number.

# Flange Meter Couplings

## Flange Ells for 1-1/2" and 2" meters



2" Flanges have slotted bolt holes to fit 1-1/2" meters



Optional Support Brackets

CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.
<b>METER FLANGE BY FEMALE IRON PIPE THREAD</b>				
LF31-66	1-1/2" Meter Flange	x 1-1/2" Female Iron Pipe	3.8	4
LF31-67	1-1/2" Meter Flange	x 2" Female Iron Pipe	4.3	2
LF31-77	1-1/2" & 2" Meter Flange	x 2" Female Iron Pipe	4.9	3
<b>METER FLANGE BY FLARE COPPER</b>				
LF32-66	1-1/2" Meter Flange	x 1-1/2" Flare Copper	5.6	2
LF32-67	1-1/2" Meter Flange	x 2" Flare Copper	7.4	1
LF32-77	1-1/2" & 2" Meter Flange	x 2" Flare Copper	8.1	1
<b>METER FLANGE BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)</b>				
LF34-66	1-1/2" Meter Flange	x 1-1/2" CTS P.J.	4.4	2
LF34-77	1-1/2" & 2" Meter Flange	x 2" CTS P.J.	6.2	1

**Grip Joint** for CTS can be ordered by adding "-G" to the Catalog Number.

For **Meter Support Brackets** (for Flange Ells), two per flange, add "-MSB" to Catalog Number

# Lok-Pak Meter Couplings

## Lok-Pak Meter Couplings for Flanged Meters



CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.
<b>METER FLANGE BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)</b>				
CF34-66	1-1/2" Meter Flange	x 1-1/2" CTS P.J.	3.8	3
CF34-77	2" Meter Flange	x 2" CTS P.J.	4.7	3
<b>METER FLANGE BY PACK JOINT FOR IRON PIPE</b>				
CF35-66	1-1/2" Meter Flange	x 1-1/2" Iron Pipe P.J.	3.6	3
CF35-77	2" Meter Flange	x 2" Iron Pipe P.J.	5.0	3
<b>METER FLANGE BY PACK JOINT FOR CAST IRON PIPE</b>				
CF35-77-2.50	2" Meter Flange	x 2" Cast Iron Pipe P.J.	5.0	3
<b>METER FLANGE BY PACK JOINT FOR PVC PIPE</b>				
CF37-66	1-1/2" Meter Flange	x 1-1/2" PVC Pipe P.J.	4.0	3
CF37-77	2" Meter Flange	x 2" PVC Pipe P.J.	6.0	3

## Lok-Pak Meter Couplings for Tapped Meters



CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.
<b>CONNECTION FOR TAPPED METER BY PACK JOINT FOR COPPER OR PLASTIC TUBING (CTS)</b>				
CT34-66	1-1/2" Tapped Meter Connection	x 1-1/2" CTS P.J.	2.1	4
CT34-77	2" Tapped Meter Connection	x 2" CTS P.J.	2.9	3
<b>CONNECTION FOR TAPPED METER BY PACK JOINT FOR IRON PIPE</b>				
CT35-66	1-1/2" Tapped Meter Connection	x 1-1/2" Iron Pipe P.J.	2.8	4
CT35-77	2" Tapped Meter Connection	x 2" Iron Pipe P.J.	3.4	3

**Grip Joint** for CTS only can be ordered by adding "-G" to the Catalog Number. Gaskets are furnished with all meter Couplings, Flat drop-in gaskets for flanged meters, flat ring gaskets for tapped meters. Steel Bolts & Nuts (5/8" x 2-1/2" Zinc Plated) for attaching 1-1/2" & 2" Flanges and Flange Ells are sold separately and are supplied in pairs. (Cat. No.: **PSB**)

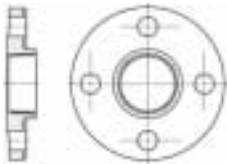
# Bronze Meter Flange



Female Iron Pipe



Male Iron Pipe



RF-2I Flange

CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.
CF31-66	1-1/2" Meter Flange	x 1-1/2" Female Iron Pipe Thread	2.4	8
CF31-67	1-1/2" Meter Flange	x 2" Female Iron Pipe Thread	1.9	8
CF31-77	2" Meter Flange	x 2" Female Iron Pipe Thread	3.0	6
CF31-78	2" Meter Flange	x 2-1/2" Female Iron Pipe Thread	2.6	6
*CF38-66-2	1-1/2" Meter Flange	x 1-1/2" Male Iron Pipe Thread	2.5	5
*CF38-77-2.125	2" Meter Flange	x 2" Male Iron Pipe Thread	3.4	3
CF38-77-1.937	2" Meter Flange	x 2" Male Iron Pipe Thread	3.4	3

**\* Standard Length**

**Note: Slotted bolt holes are available at an extra charge on 2" Bronze Meter Flanges to allow 1-1/2" meter installations.** Drop-in Rubber Gaskets are included with all 1-1/2" and 2" Bronze Meter Flanges and Flange Ells. Flange Couplings are not supplied with bolts. Steel Bolts & Nuts (5/8" x 2-1/2" Zinc Plated) for attaching 1-1/2" & 2" Flanges and Flange Ells are sold separately and are supplied in pairs. (Cat. No.: **PSB**)

## Four Bolt Round Flange

CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.	STD. PKG. QTY.
RF-2I	2" 4-Bolt Meter Flange	x 2" Female Iron Pipe Thread	4.6	5

# Meter Adapters



A47 Adapter



Adapt from 1" to 2" meter with A47 Adapter



Adapt from 1" to 5/8" meter with A14 Adapter

CATALOG NUMBER	DESCRIPTION - USAGE	APPROX. WT. LBS.	STD. PKG. QTY.
<b>ADAPTER RINGS TO BUSH METER SPUDS (NO CHANGE IN METER LENGTH)</b>			
A12S	Pair short adapter rings to bush 5/8" meter spuds to 5/8"x3/4" meter spud size	.2	100 Pair
A12M	Pair medium adapter rings to bush 5/8" meter spuds to 5/8"x3/4" meter spud size	.2	100 Pair
A12L	Pair long adapter rings to bush 5/8" meter spuds to 5/8"x3/4" meter spud size	.3	75 Pair
A34S	Pair short adapter rings to bush 3/4" meter spuds to 1" meter spud size	.2	35 Pair
A45	Pair adapter rings to bush 1" meter spuds to 1-1/4" meter spud size	.2	35 Pair
<b>ADAPTERS TO CHANGE METER SPUD SIZE AND/OR LENGTH</b>			
A13	Pair adapters to change 5/8" meter to 3/4" meter spud size and length	.6	35 Pair
A14	Pair adapters to change 5/8" meter to 1" meter spud size and length	.8	15 Pair
A23	One adapter to change 5/8"x3/4" meter to 3/4" meter length	.6	30 Each
A24	Pair adapters to change 5/8"x3/4" meter to 1" spud size and length	1.3	12 Pair
A34	Pair adapters to change 3/4" meter to 1" meter spud size and length	.8	24 Pair
A44	One adapter to change 3/4"x1" meter to 1" meter length	.9	16 Each
A46	Pair adapters to change 1" meter to 1-1/2" flanged meter size and length	6.9	2 Pair
A47	Pair adapters to change 1" meter to 2" flanged meter size and length	7.4	1 Pair
A67	Pair adapters to change 1-1/2" flanged meter to 2" flanged meter size and length	9.0	1 Pair
TA46	Pair adapters to change 1" meter to 1-1/2" tapped meter size and length	1.6	7 Pair
TA47	Pair adapters to change 1" meter to 2" tapped meter size and length	3.2	4 Pair

**Note:** Adapter numbers A23 and A44 extend the meter length only and therefore only one per meter is required. All other adapters are sold in pairs; the part number and weight reflects a pair.

# Meter Idlers



for 5/8" thru 1" meters



for 1-1/2" thru 2" meters

CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.	STD. PKG. QTY.
Idler-1	Replaces 5/8" Meter	.6	25
Idler-2	Replaces 5/8"x3/4" Meter	.8	25
Idler-3	Replaces 3/4" Meter	1.0	18
Idler-4	Replaces 1" Meter	1.8	10
Idler-6	Replaces 1-1/2" Flanged Meter	7.0	4
Idler-7	Replaces 2" Flanged Meter	10.8	3

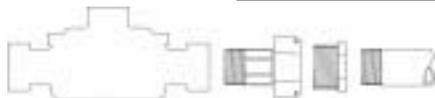
**Note:** Steel Bolts & Nuts (5/8" x 2-1/2" Zinc Plated) for attaching 1-1/2" & 2" Flange Lok-Pak Couplings, Adapters & Idlers must be ordered separately and are supplied in pairs.(Cat. No.: **PSB**)

# Meter Coupling Bushings

For use with Straight Meter Couplings to Facilitate Tapped Meter Removal



CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.	STD. PKG. QTY.
BBIM-33	3/4" Female Iron Pipe Thread x 3/4" Male Meter Thread	-	-
BBIM-34	3/4" Female Iron Pipe Thread x 1" Male Meter Thread	-	-
BBIM-44	1" Female Iron Pipe Thread x 1" Male Meter Thread	-	-
BBIM-66	1-1/2" Female Iron Pipe Thread x 1-1/2" Meter Spud	1.0	15
BBIM-77	2" Female Iron Pipe Thread x 2" Meter Spud	1.4	8



**Example:** The male iron pipe thread end of a C38-66-2.875 threads into an 1-1/2" tapped meter. The female iron pipe thread of a BBIM-66 will thread onto the service line. This allows a swivel connection between the swivel nut on the C38-66-2.875 and the male meter thread on the BBIM-66.



## "U" Branch Pieces

(7-1/2" Standard Spacing)

(6-1/2", 12-1/2" or 14" Spacing Optional)

CATALOG NUMBER	DESCRIPTION	APPROX. WEIGHT LBS.					
		6-1/2" SPACING	7-1/2" STD SPACING	12-1/2" SPACING	14" SPACING		
<b>"U" BRANCH PIECES</b>							
U11-43-spacing	1" Female Iron Pipe x Two 3/4" Female Iron Pipe Outlets	2.1	2.3	2.4	3.3		
U18-33-spacing	3/4" Female Iron Pipe x Two 3/4" Male Iron Pipe Outlets	1.8	1.8	N/A	N/A		
U18-43-spacing	1" Female Iron Pipe x Two 3/4" Male Iron Pipe Outlets	1.8	2.0	2.8	3.0		
U18-44-spacing	1" Female Iron Pipe x Two 1" Male Iron Pipe Outlets	N/A	N/A	N/A	3.1		
U21-33-spacing	3/4" Flare Copper x Two 3/4" Female Iron Pipe Outlets	2.3	2.6	N/A	N/A		
U21-43-spacing	1" Flare Copper x Two 3/4" Female Iron Pipe Outlets	2.2	2.8	3.5	3.6		
U28-33-spacing	3/4" Flare Copper x Two 3/4" Male Iron Pipe Outlets	2.0	2.3	N/A	N/A		
U28-43-spacing	1" Flare Copper x Two 3/4" Male Iron Pipe Outlets	2.4	2.2	3.4	3.5		
U88-33-spacing	3/4" Male Iron Pipe x Two 3/4" Male Iron Pipe Outlets	1.5	1.8	N/A	3.2		
U88-43-spacing	1" Male Iron Pipe x Two 3/4" Male Iron Pipe Outlets	1.7	1.6	N/A	3.0		
<b>"U" BRANCH PIECES WITH PACK JOINT INLETS FOR COPPER OR PLASTIC TUBING (CTS)</b>							
U41-43-spacing	1" CTS P.J. x Two 3/4" Female Iron Pipe Outlets	1.8	2.5	N/A	N/A		
U48-33-spacing	3/4" CTS P.J. x Two 3/4" Male Iron Pipe Outlets	2.0	2.3	N/A	3.3		
U48-43-spacing	1" CTS P.J. x Two 3/4" Male Iron Pipe Outlets	2.0	◆ 1.9	2.9	3.3		
U48-63-spacing	1-1/2" CTS P.J. x Two 3/4" Male Iron Pipe Outlets	N/A	2.9	N/A	N/A		
<b>"U" BRANCH PIECES WITH PACK JOINT INLET FOR PE PIPE</b>							
U68-33-spacing	3/4" PE Pipe P.J. x Two 3/4" Male Iron Pipe Outlets	1.9	1.9	N/A	N/A		
U68-43-spacing	1" PE Pipe P.J. x Two 3/4" Male Iron Pipe Outlets	2.0	2.4	N/A	3.6		
U68-53-spacing	1-1/4" PE Pipe P.J. x Two 3/4" Male Iron Pipe Outlets	N/A	2.6	N/A	N/A		

**Grip Joint** for CTS and PEP (3/4" & 1") can be ordered by adding "-G" to the catalog number.

◆ **Quick Joint** can be ordered by adding "-Q" to this catalog number.

**Note:** To order, use the Catalog Number plus the desired spacing; 6-1/2", 7-1/2", 12-1/2" or 14" as shown available in the table above. Example: U21-43-7.5 is a U Branch with a 1" flare inlet and two 3/4" FIP outlets with a 7-1/2" spacing between the outlets. **A 7-1/2" spacing will be provided unless otherwise specified.**

## Angle "U" Branch Pieces

(6-1/2" Spacing)



CATALOG NUMBER	DESCRIPTION	APPROX. WT. LBS.	STD. PKG. QTY.
<b>ANGLE "U" BRANCH PIECES - 6-1/2" SPACING ONLY</b>			
UA11-43-65	1" Female Iron Pipe x Two 3/4" Female Iron Pipe Outlets	2.1	2
UA18-43-65	1" Female Iron Pipe x Two 3/4" Male Iron Pipe Outlets	1.8	2
UA21-43-65	1" Flare Copper x Two 3/4" Female Iron Pipe Outlets	2.6	1
UA28-43-65	1" Flare Copper x Two 3/4" Male Iron Pipe Outlets	2.5	2
<b>ANGLE "U" BRANCH PIECES WITH PACK JOINT INLET FOR COPPER OR PLASTIC TUBING (CTS)</b>			
UA41-43-65	1" CTS P.J. x Two 3/4" Female Iron Pipe Outlets	2.4	2
UA48-43-65	1" CTS P.J. x Two 3/4" Male Iron Pipe Outlets	2.3	2

**Grip Joint** for CTS can be ordered by adding "-G" to the Catalog Number.

**Note:** All Angle "U" Branch Pieces have 6-1/2" spacing.

# Section H

# Ford Water Meter Couplings & Accessories

## Warranty

All merchandise is warranted to be free from defects in material and factory workmanship. We will provide free of charge new products in equal quantities for any that prove defective within one year from date of shipment from our factory. Seller shall not be liable for any loss, damage, or injury, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability whatever in connection therewith. No claims for labor or consequential damage will be allowed. The foregoing may not be changed except by agreement signed by an officer of the manufacturer.

### **Please Note:**

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.



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