

TYPES OF INLETS - OUTLETS

(one end – other end)

- 1 = Female Iron Pipe Thread
- 2 = Flare Copper Tube Nut
- 4 = Pack Joint for Plastic or Copper Tube
- 5 = Pack Joint for Iron Pipe
- 6 = Pack Joint for PE Pipe
- 7 = Pack Joint for PVC Pipe
- 8 = Male Iron Pipe Thread
- 0 = Female Copper Tube Nut Thread or "Special"

G = Grip Joint (3/4" - 2" CTS and 3/4" & 1" PEP)

Q = Quick Joint (for indicated items)

IDR7 = Pack Joint for 1-1/2" and 2" PEP (requires dimension ratio designation)

IDR9 = Pack Joint for 1-1/2" and 2" PEP (requires dimension ratio designation)

TW-Q = CTS Quick Joint with Tracer Wire Terminal

U-AWT = Ultra-Tite Coupling (consists of components assembled watertight)

U = Ultra-Tite Coupling

NL = No Lead Alloy ▲

C 8 4 - 3 4 - G - NL

C = Coupling
L = 90° Elbow
LA = Eighth Bend

SIZE OF INLETS - OUTLETS (one end – other end)

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

Ford Coupling Numbering System

TYPES OF INLETS - OUTLETS

(one end/run – other end/run – side outlet)

- 1 = Female Iron Pipe Thread
- 2 = Flare Copper Tube Nut
- 4 = Pack Joint for Plastic or Copper Tube
- 6 = Pack Joint for PE Pipe
- 8 = Male Iron Pipe Thread

SIZE OF INLETS - OUTLETS

(one end – other end – side outlet)

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

G = Grip Joint (3/4" - 2" CTS and 3/4" & 1" PEP)

Q = Quick Joint (for indicated items)

U-AWT = Ultra-Tite Coupling (consists of components assembled watertight)

T 4 4 1 - 3 3 4 - G - NL

T = Tee
TD = Cut-In Tee

Run
Side Outlet

NL = No Lead Alloy ▲

Ford Tee Numbering System

Q 2 1 - 3 3 - NL

NL = No Lead Alloy ▲

Lead Strength

- 1 = Strong
- 2 = Extra Strong
- 3 = Double Extra Strong

Other End

- 1 = Female Iron Pipe Thread
- 2 = Flare Copper Tube Nut
- 4 = Pack Joint for Plastic or Copper Tube
- 6 = Pack Joint for PE Pipe
- 8 = Male Iron Pipe Thread
- S = Solder

SIZES (one end – other end)

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

Q 3 Q 3 - 4 4 - NL

NL = No Lead Alloy ▲

Lead on Both Ends

Ford Lead-Pack Numbering System

▲ 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.

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 product listings in catalog to ensure desired sizes and options are available.

Lead-Pack Couplings (continued)

Lead-Pack Couplings for Attaching Copper, Iron, Plastic or PVC to Existing Lead Service Lines

Lead-Pack Couplings

CATALOG NUMBER	DESCRIPTION			APPROX. WT. LBS.
LEAD PIPE TO MALE IRON PIPE THREAD				
Q28-13-NL (C84-33-NL)	1/2" extra strong lead (XS)	x	3/4" male iron pipe threads	0.6
*Q18-23-Q38-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	3/4" male iron pipe threads	0.7
Q28-23-NL (C86-33-NL)	5/8" extra strong lead (XS)	x	3/4" male iron pipe threads	0.8
*Q18-33-Q38-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	3/4" male iron pipe threads	0.8
Q28-33-NL	3/4" extra strong lead (XS)	x	3/4" male iron pipe threads	1.0
Q38-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" male iron pipe threads	1.3
Q18-44-NL	1" strong lead (S)	x	1" male iron pipe threads	1.5
Q28-44-NL	1" extra strong lead (XS)	x	1" male iron pipe threads	1.5
Q38-44-NL	1" dbl. extra strong lead (XXS)	x	1" male iron pipe threads	1.5
Q28-55-NL (C86-55-NL)	1-1/4" extra strong lead (XS)	x	1-1/4" male iron pipe threads	1.7
Q28-66-NL (C86-66-IDR7-NL)	1-1/2" extra strong lead (XS)	x	1-1/2" male iron pipe threads	2.8
Q28-77-NL	2" extra strong lead (XS)	x	2" male iron pipe threads	4.7
LEAD PIPE TO FLARE COPPER				
Q22-13-NL (C24-33-NL)	1/2" extra strong lead (XS)	x	3/4" flare copper	0.9
*Q12-23-Q32-13-NL	1/2" dbl. extra strong lead (XXS) or 5/8" strong lead (S)	x	3/4" flare copper	1.1
Q22-23-NL (C26-33-NL)	5/8" extra strong lead (XS)	x	3/4" flare copper	1.1
Q22-24-NL	5/8" extra strong lead (XS)	x	1" flare copper	1.7
Q12-33-Q32-23-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	3/4" flare copper	1.1
Q22-33-NL	3/4" extra strong lead (XS)	x	3/4" flare copper	1.3
Q32-33-NL	3/4" dbl. extra strong lead (XXS)	x	3/4" flare copper	1.6
*Q12-34-Q32-24-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x	1" flare copper	1.7
Q22-34-NL	3/4" extra strong lead (XS)	x	1" flare copper	1.7
Q12-44-NL	1" strong lead (S)	x	1" flare copper	1.6
Q22-44-NL	1" extra strong lead (XS)	x	1" flare copper	2.0
Q32-44-NL	1" dbl. extra strong lead (XXS)	x	1" flare copper	2.0

*These items fit two types/sizes of lead pipe as shown in the description. When ordering use complete catalog number.

NOTE: Numbers in parentheses indicate that some Lead-Pack couplings are the same as couplings found elsewhere in this catalog section for other types of tubing and pipe; however, Grip Joint couplings are not compatible with lead pipe.

No-Contact Coupling

U.S. Patent No. 10,371,296

The No-Contact coupling employs a permanently installed plastic liner to prevent direct contact of lead plumbing lines with other metallic water system components.

CATALOG NUMBER	DESCRIPTION		APPROX. WT. LBS.
*Q11-33-Q31-23-NC-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 3/4" female iron pipe thread	1.2
*Q14-33-Q34-23-NC-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 3/4" cop. or plastic tubing (CTS)	1.5
*Q18-33-Q38-23-NC-NL	5/8" dbl. extra strong lead (XXS) or 3/4" strong lead (S)	x 3/4" male iron pipe threads	1.2
Q22-33-NC-NL	3/4" extra strong lead (XS)	x 3/4" flare copper	1.4
Q22-34-NC-NL	3/4" extra strong lead (XS)	x 1" flare copper	1.9
Q24-33-NC-NL	3/4" extra strong lead (XS)	x 3/4" cop. or plastic tubing (CTS)	1.3
Q24-34-NC-NL	3/4" extra strong lead (XS)	x 1" cop. or plastic tubing (CTS)	1.5
Q28-33-NC-NL	3/4" extra strong lead (XS)	x 3/4" male iron pipe threads	1.1
Q21-44-NC-NL	1" extra strong lead (XS)	x 1" female iron pipe thread	1.8
Q22-44-NC-NL	1" extra strong lead (XS)	x 1" flare copper	2.4
Q24-44-NC-NL	1" extra strong lead (XS)	x 1" cop. or plastic tubing (CTS)	1.4
Q28-44-NC-NL	1" extra strong lead (XS)	x 1" male iron pipe threads	1.7

*These items fit two types/sizes of lead pipe as shown in the description.

Lead Pipe Dimensions



SIZE (I.D.) AND TYPE OF LEAD PIPE	APPROX. AVG. SIZE O.D.
1/2" Extra Strong	0.876
1/2" Double Extra Strong	1.012
5/8" Strong	1.019
5/8" Extra Strong	1.082
5/8" Double Extra Strong	1.137
3/4" Strong	1.156
3/4" Extra Strong	1.212
3/4" Double Extra Strong	1.336
1" Strong	1.428
1" Extra Strong	1.492
1" Double Extra Strong	1.596
1 1/4" Extra Strong	1.765
1 1/2" Extra Strong	2.076
2" Extra Strong	2.751

Follow federal, state, and local regulations and AWWA best practices (AWWA C810) to reduce exposure to lead in potable water.

This table represents some of the most common lead pipe sizes. Additional connection sizes might be available to accommodate lead sizes not listed above.