

Sub-Metering Water Services

FORD The Ford Meter Box Company, Inc.

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History

The Ford Meter Box Company, Inc.

Starting in 1898, Ford pioneered settings for water meters. Today, the largest variety of time and money saving meter setters for indoor and outdoor use are available from Ford Meter Box.

In the 1950's, Ford introduced the Pack Joint and today offers the largest variety of couplings in the water works industry. During the early 60's, Ford introduced the ball valve for water works, assuring the industry of easy turning valves, even after many years of service.

The Ford commitment to quality water works products continued in the 70's and 80's with the development of a comprehensive line of pipe products. Ford pipe products meet any pipe repair, coupling or tapping need.

During the 1980's, Ford was the first company to introduce check valves designed to be a part of the meter setting. This innovative product line continues to be important at Ford. The largest variety of ASSE approved Check Valves for use in water works applications are available from Ford Meter Box.



The Ford Meter Box story is not finished because Ford continues to develop new and innovative products for the water distribution industry. The Ford family of products is available through more than 400 stocking distributors world wide. Don't ask for an equal, insist on the original - Ford Meter Box.

The Ford Approach to Sub-Metering

The Ford Meter Box Company, Inc. has more than 100 years of experience in the science of setting water meters. Our meter setting product line is extensive and meets the needs of water utilities all over the world. We offer outdoor meter settings for all climates and a wide variety of indoor water meter settings that will fit any conceivable situation.

Sub-Metering can present several different obstacles. Water service lines are manufactured from a variety of materials that require their own special fittings in order to make a water-tight seal. Each individual customer's water line may be in a different location, making standardized meter installations difficult.

Ford Meter Box solves these problems by offering meter couplings, meter valves and meter setting devices with a wide selection of available compression fittings for any size and material you might encounter. Ford meter couplings and valves are available with swivel meter nuts for 5/8", 5/8" x 3/4", 3/4" and 1" meters drilled for a seal wire.

For more information on how Ford Meter Box can help you with your sub-metering project, contact The Ford Meter Box Company, Inc. or your nearest Ford Authorized Distributor.

How to use Ford Meter Box Sub-Metering Products

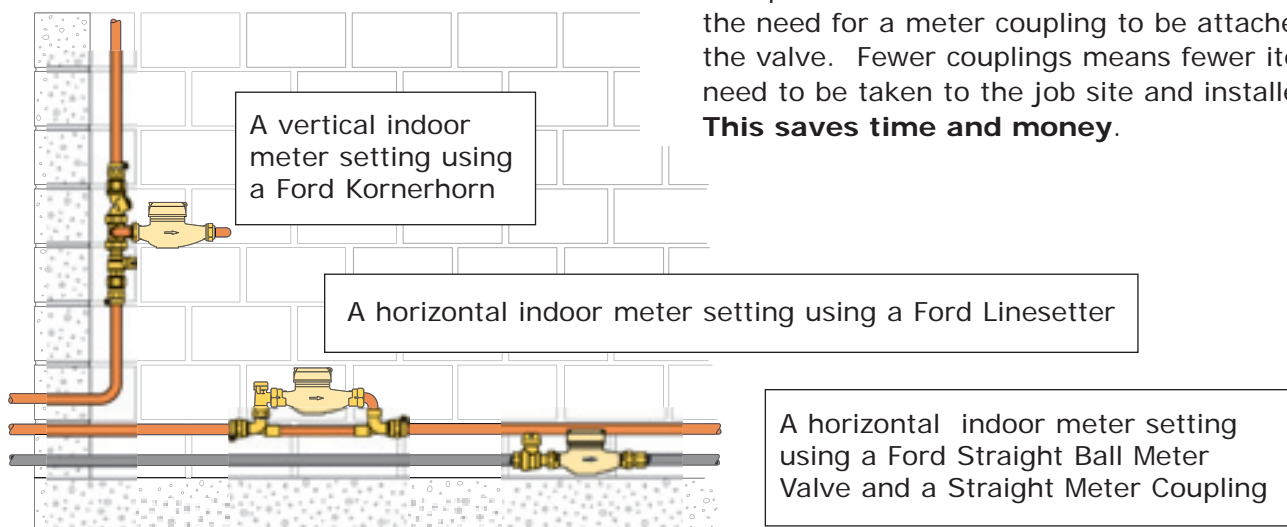
There are several methods for sub-metering a water service. The location of the existing water service and the service line material in use play a critical role in the proper solution for any given installation. The following pages show some of the types of products manufactured by Ford Meter Box that can make your job of sub-metering **fast, easy and inexpensive**.

If the water service line is inside a building, Ford Meter Box offers many types of meter settings. Ford's several types of meter horns and linesetters can be quickly and easily cut into an existing water service line. Water meters are held in the proper horizontal position and proper meter spacing is always assured. **This makes future meter change-outs simple and trouble-free.**

In situations where the service line is located between rafters or floor joists, Ford has a variety of meter couplings and meter valves for in-line meter installation. Ford Meter Box offers a complete line of Straight and Angle Ball Meter Valves and Meter Couplings with a variety of compression connections for any service line material. Single, Dual and Cartridge Style Dual Check Valves can be installed on the outlet side of the water meter, to help deter backflow.

Ford Meter Valves and Meter Couplings incorporate a swivel meter nut. This eliminates the need for a meter coupling to be attached to the valve. Fewer couplings means fewer items need to be taken to the job site and installed. **This saves time and money.**

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Meter Settings

Ford Sub-Metering Products

Inside Meter Settings

Ford Meter Box manufactures the widest variety of water meter setting products in the water works industry. Whether your services require indoor or outdoor meter settings, Ford has the right product for the job. Ford meter setting devices are optional with integral service valves and service line connections for any pipe or tubing material. Ford Meter Box also manufactures a complete line of meter valves and couplings with meter swivel nuts to accommodate 5/8", 5/8" x 3/4", 3/4" and 1" meters.

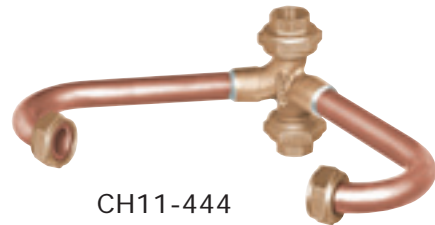
Copperhorns, Handyhorns and Kornerhorns represent a few of the meter setting options available from Ford Meter Box. These types of settings offer versatility, safety and labor savings. Ask for Ford Catalog Section B for these products.

Copperhorns

For metering new services

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The Ford Copperhorn can be adapted to most inside meter setting situations. Pipe ends or swivels are available for many types of connections including solder, compression, female iron pipe and male iron pipe. Ask for Ford Catalog Section B for this product.



CH11-444

Handyhorns

For metering new or existing services

The Ford Handyhorn is an inside meter setting device with integral Pack Joint connections. It is designed to be installed in vertical basement or utility room piping and can be used in new plumbing installations or in existing service lines. The Pack Joints eliminate the need to thread, flare or solder pipe, but does require that the pipe be shifted out of alignment slightly when installed in existing lines.



HH2-15

The Handyhorn is made with inlet and outlet Pack Joint compression connections. ***Before ordering Handyhorns for meter installations in existing lines, it is essential that a careful survey be made of the types and sizes of piping to be encountered.*** This is of importance because the Pack Joints on each fitting are for the size and type of pipe specified on the order and cannot be adapted to anything else. This is different from the Pack Joints on Ford Kornerhorns, which are interchangeable and allow the Kornerhorn to be used with a wide variety of pipe and tubing. Ask for Ford Catalog Section B for this product.

Meter Settings

Ford Sub-Metering Products

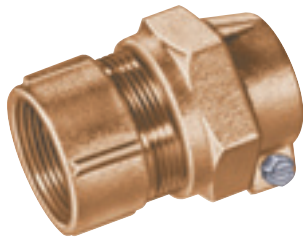
Kornerhorns

For metering existing services

Over the last 60 years, thousands of installations in hundreds of metering programs have proven that the Kornerhorn saves time and money when setting water meters in basements and utility rooms.

The heart of the Kornerhorn system is the removable Pack Joint Assembly.

Using these removable Pack Joint Assemblies, any Kornerhorn can be adapted to connect to iron pipe, copper tubing or plastic pipe, with no threading, flaring or soldering. Little or no changes need to be made in customer plumbing. Meter couplings, pipe fittings, and electrical bonding devices are not required.

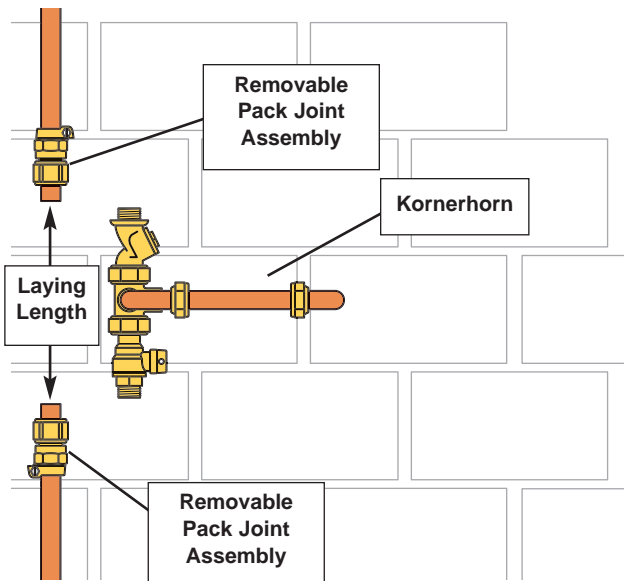


PJA4-13 removable Pack Joint Assembly for 3/4" Copper or Plastic Tubing.



PJA5-13 removable Pack Joint Assembly for 3/4" Iron Pipe.

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The Kornerhorn is adaptable.

The Kornerhorn can position the water meter properly/horizontally in a vertical pipe and, if necessary, in close quarters, such as in the corner of a basement, utility room or closet. It can also position the meter properly in horizontal or sloping pipe. **The interchangeable Pack Joint Assembly System eliminates the usual pipe survey prior to the meter installation.**

Kornerhorn Inside Setters can be ordered in a quantity sufficient to complete the job along with a small representative number of Pack Joint Assemblies. As the job progresses, experience will dictate the approximate quantity of each type of Pack Joint necessary to complete the job and they can be ordered at a later date. **Ask for Ford Catalog Section B for this product.**

Meter Settings

Ford Sub-Metering Products

Linesetters

A Ford Linesetter can make the perfect floor setting in either a new or retroset installation. Available in several configurations, this setting can be made very economically and installed in a minimum amount of time.

Ford Linesetters are available in a wide variety of service line connections and sizes. [Ask for Ford Catalog Section F for this product.](#)



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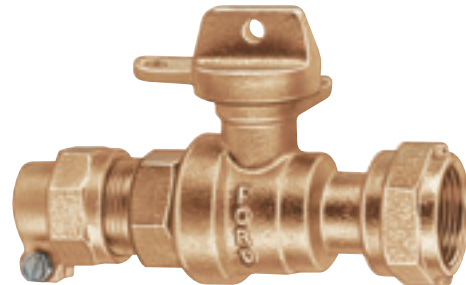
Meter Valves

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Ford offers a wide variety of valves in both ball and key styles. Both styles are available with many features, such as compression inlets and outlets, offering you the quickest installation time and the fewest chances for leaks. [Ask for Ford Catalog Section G for this product.](#)



Angle Ball Meter Valve
Female Iron Pipe by Meter Nut
BA13-232W

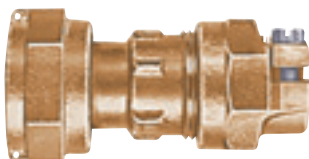


Straight Ball Meter Valve
Pack Joint Compression Coupling by Meter Nut
B43-232W

Meter Couplings

For all varieties of piping

Ford Meter Box offers a wide variety of meter couplings in several lengths and configurations. [Ask for Ford Catalog Section H for this product.](#)



3/4" Straight Meter Coupling
*Meter Nut by Pack Joint
Compression Coupling*
C34-23



3/4" Straight Meter Coupling
*Meter Nut by
Female Iron Pipe*
C31-23

Meter Settings

Ford Sub-Metering Products

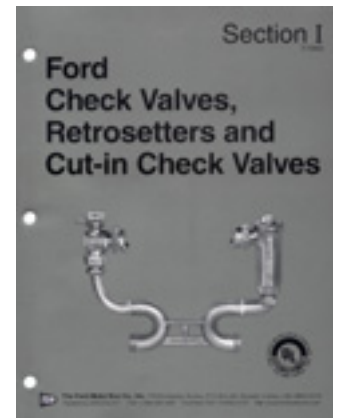
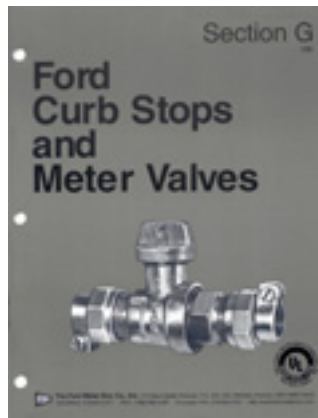
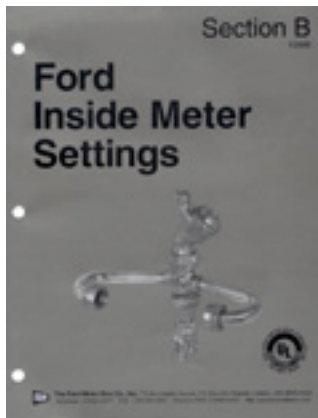
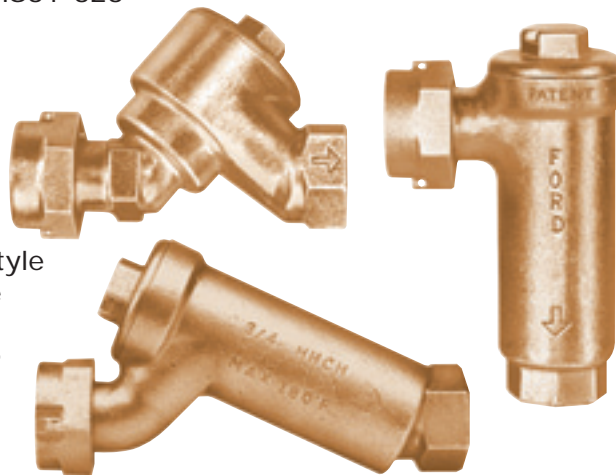
Check Valves

Ford Meter Box offers a full line of ASSE approved check valves to protect your interests. Especially important where many customers are served from one main line, these valves isolate each service, protecting the system. Ask for Ford Catalog Section I for this product.

Straight Cascading Dual Check Valve
Meter Nut by Female Iron Pipe
HHS31-323

Angle Cartridge Style
Dual Check Valve
*Meter Nut by
Female Iron Pipe*
HHCA31-323

Straight Cartridge Style
Dual Check Valve
*Meter Nut by
Female Iron Pipe*
HHCH31-323



The Ford Meter Box Company manufactures over 30,000 different items to meet the needs of the water works industry. Shown in this flyer is a small sampling of the products available. Please refer to the catalog section noted for each product area for an expanded product listing. Ford will consider manufacturing products that are not listed in these catalog sections.

You can contact Ford Meter Box at:

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