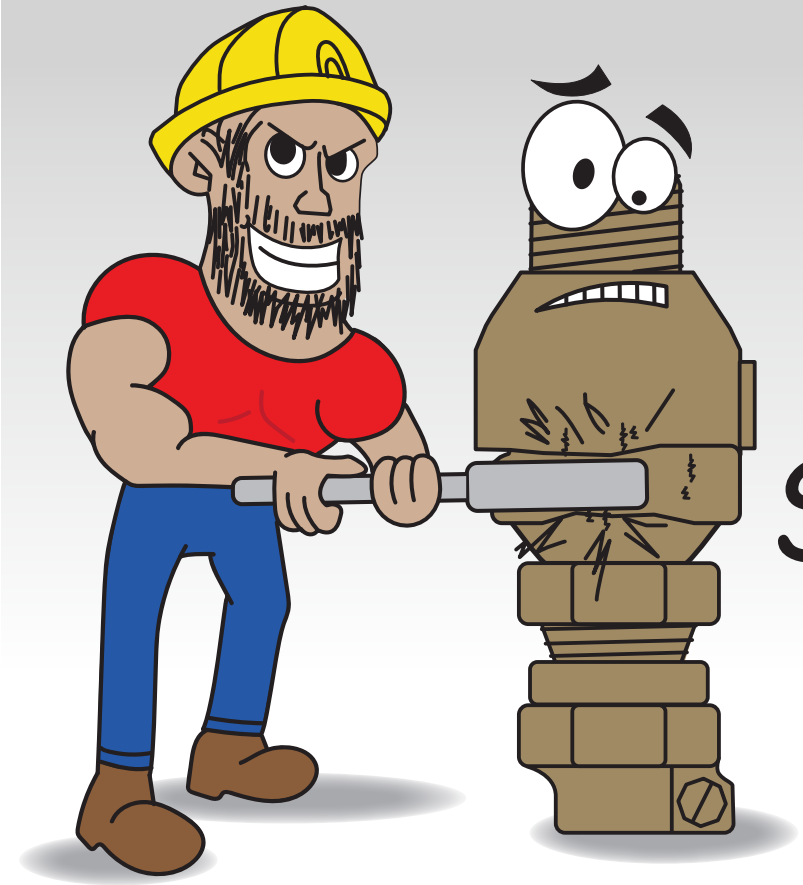
The Meter Setter

01 JANUARY 2023



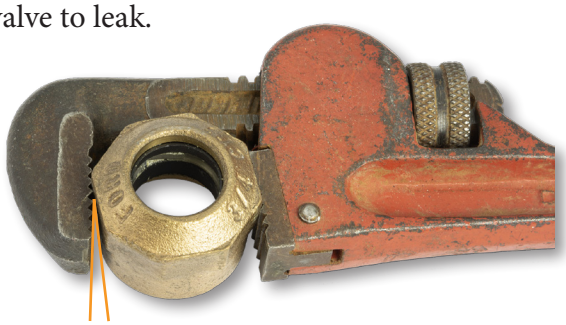
AVOID THE SQUEEZE!

Waterworks brass products are reliable, durable, and designed for decades of service. Brass materials, however, can be distorted by excessive forces such as those incorrectly applied by unsuitable tools or incorrect installation techniques.

Typical pipe wrench jaws are 5 to 7 degrees from parallel and designed to tighten when engaging round components. This geometry greatly increases the distortion force as the jaws do not evenly engage the parallel wrench flats found on many waterworks products. Pipe wrenches or loose fitting wrenches can distort the body of a valve, breaking the factory seal and causing the valve to leak.

Besides distorting valves, incorrect wrench usage can prevent proper nut installation. An unsuitable wrench can squeeze the nut, distort the threads, and prevent proper tightening. This may lead to leakage or pipe slippage.

Using the appropriate wrench according to Ford® installation instructions is the best way to avoid damaging the product and to ensure a reliable installation. **A smooth jaw wrench, that fully engages the wrench flats on the nut or valve, is the appropriate tool for product installation.** Correct tools and techniques provide smoother installations and excellent product performance!



Above is a view of non-parallel pipe wrench jaws improperly engaging parallel wrench flats.

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