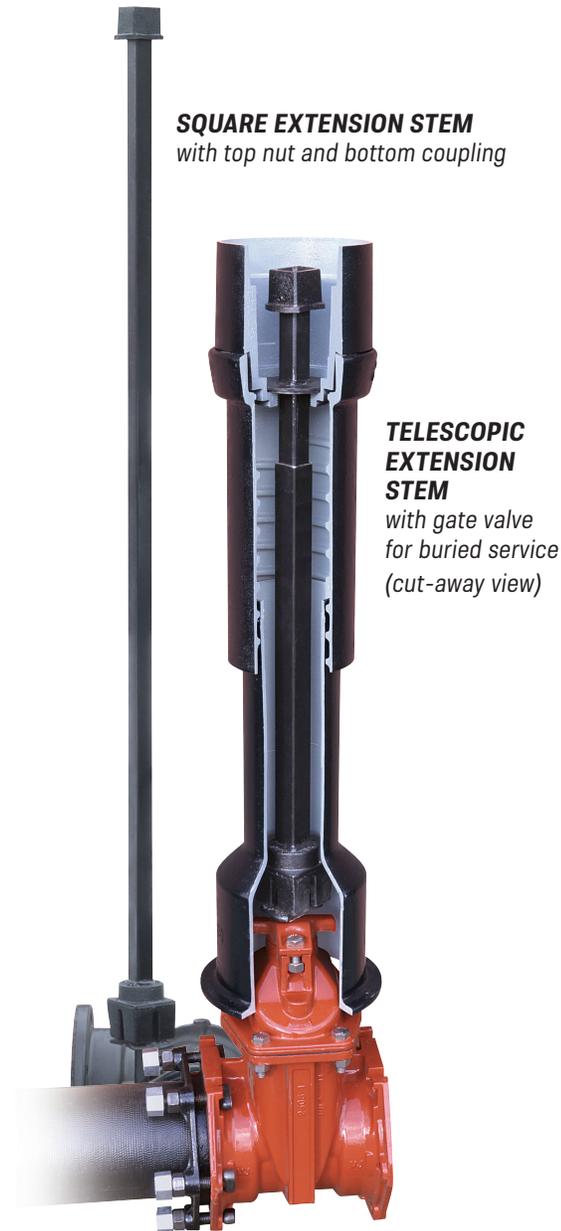


Square Valve Extension Stems

Telescopic and Non-Telescopic Types

ROUND STEMS
are shown on
page G-2



SQUARE EXTENSION STEM
with top nut and bottom coupling

**TELESCOPIC
EXTENSION
STEM**
with gate valve
for buried service
(cut-away view)



TELESCOPIC EXTENSION STEMS

Telescopic Stems are a useful option in the choice of Extension Stems, eliminating the need for time-consuming measurements. One of the additional advantages of Telescopic Stems is their ability to adapt to ground movements caused by freezing and thawing cycles. These stems can accommodate the natural shifts and changes in the environment. This solution simplifies the installation process and guarantees long-term durability and reliability. It can streamline operations, and offer peace of mind to professionals working with Extension Stems.

Telescopic Extension Stems can be furnished with Valve Position Indicators for buried service (US Patented), as illustrated on pages F-3 and F-4.

Telescopic Extension Stems are furnished only as complete units. They use a 1-1/4" square tubular upper section which slides inside a 1-1/2" square tubular bottom section. This style has an adjustment range, which saves the installer from field cutting the stem to the exact length required. The non-telescopic version uses 1-1/4" square stock, either solid or tubular, (shown on page F-1).

The top nuts and bottom couplings used with Square Extension Stems have an internal square cavity that fit the square stems. The flat sides inside the cavity bear against the flat sides of the stem, reducing the dependence on the drive pins used to connect the top nuts and bottom couplings of round extension stems. This enables the installer to cut Square Extension Stems in the field and attach the top coupling with two cap screws, as opposed to drilling for a drive pin. Because of its location, the bottom coupling should be welded or pinned, to provide a secure connection. The top nuts and bottom couplings are domestic ductile iron, grade 65-45-12, or Type 316 stainless steel. Carbon or stainless steel bar or tubing is domestic.

Trumbull can provide Square Extension Stems complete with the required length of square stock, top nut with set screw and welded bottom coupling with two stainless cap screws and jam nuts. Or, the components can be purchased separately for non-telescopic stems (page G-4).

See page F-3 for ordering information and page F-4 for adjustment ranges.



When using Trumbull's Valve Position Indicator for buried service, Square Extension Stems are recommended. They eliminate the need to drill holes and pin the stem to attach the Position Indicator and the 2" nut in the field (see pages F-1 and F-2).