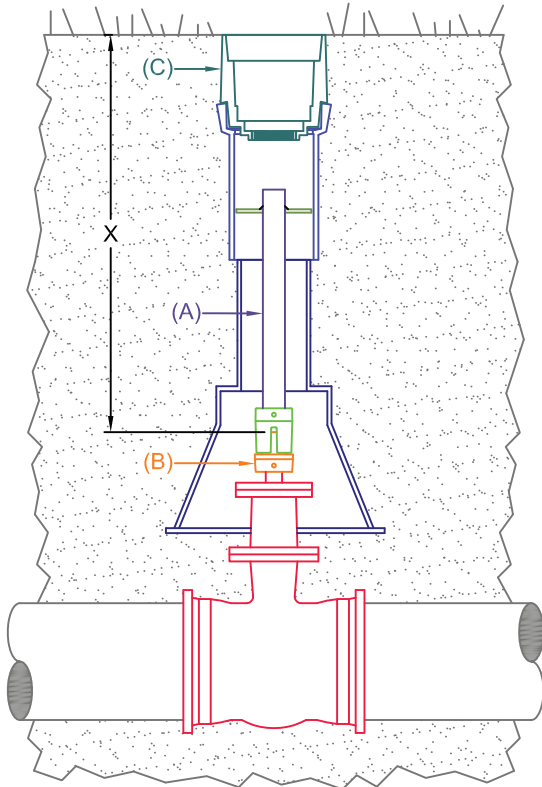


### 1. Assembly of Female Extension Stem, 1-1/2" Square

- Install 1-1/2" square female extension stem (A) into valve box and onto the 2" square nut of the valve (B). The female extension stem is furnished with a centering ring to keep it centered inside the valve box.
- Place the housing adapter (C) inside the top section on the valve box.
- Adjust the valve box so the top surface of the housing adapter is flush with final grade.

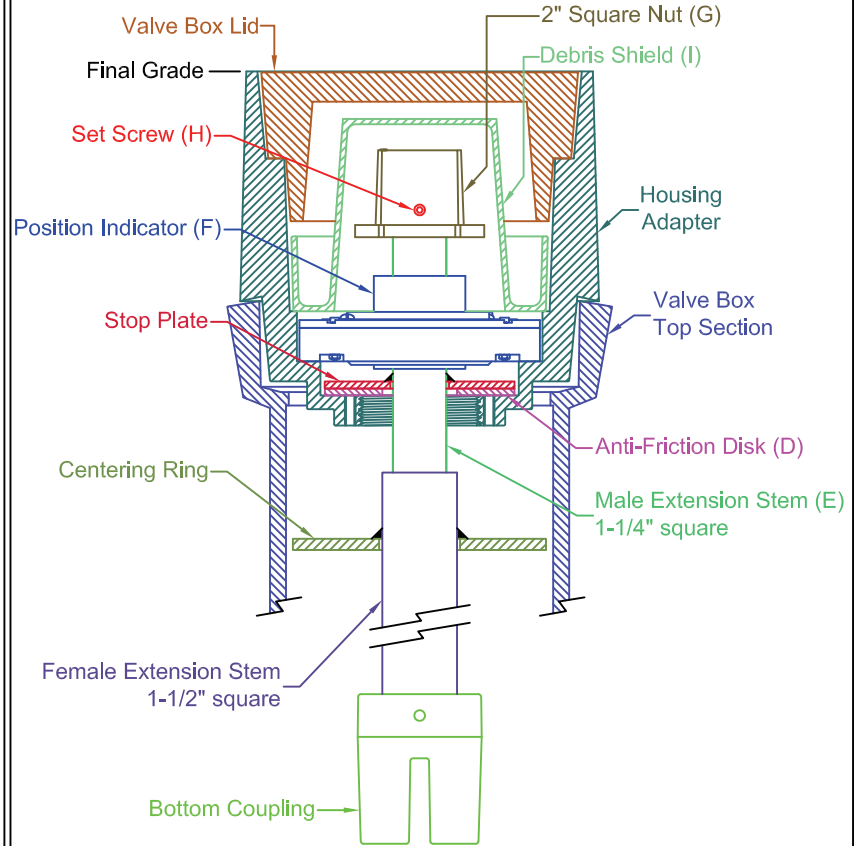
Illustration A



### 2. Assembly of Position Indicator & Male Extension Stem, 1-1/4" Square

- Place the anti-friction disc (D) inside the lower cavity of the housing adapter.
  - Install the 1-1/4" square male extension stem (E) through the housing adapter and into the female extension stem. The male extension stem is furnished with a stop plate, which will locate the 2" square nut at the required height inside the housing adapter (no cutting or field measurement is required).
  - With the valve in the closed position, place the position indicator (F) over the 1-1/4" male extension stem and lower into the housing adapter.
- Note: Align indicating arrow to point at "0" on the "CLOSED" characters before installing over male extension stem, per Illustration C below.*
- Place the 2" square nut (G) onto the male extension stem, then tighten the set-screw (H) to secure the 2" square nut to the male extension stem.

Illustration B



### 3. Calibration & Completion

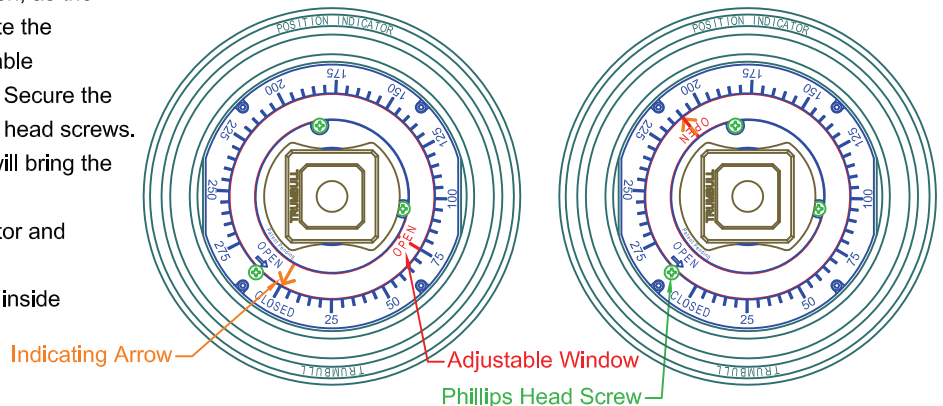
- Rotate the 2" square nut until the valve is fully open, as the indicating arrow measures the # of turns to operate the valve. Align the "OPEN" characters on the adjustable window to the indicating arrow, per Illustration D. Secure the adjustable window by tightening the three Phillips head screws. After calibration the valve may be closed, which will bring the indicating arrow back to "0".
- Place the debris shield (I) over the position indicator and inside the housing adapter.
- Place the valve box lid over the debris shield and inside the housing adapter.

Illustration C

(Before Calibration)

Illustration D

(After Calibration)



Drawn by: BJE

Drawing revision:

Date  
4/15/10

Rev. ---  
Date ---

**TRUMBULL INDUSTRIES**

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**Position Indicator Installation**

**Installation type:** Buried valves

**Stem type:** Square telescoping stem, 2 piece