



# ROBAR INDUSTRIES LTD.

*Serving the Waterworks Industry Since 1958*

**An active participant in the  
Steel Water Pipe Manufacturers Technical Advisory Committee (SWPMTAC)**

# Robar Presentation Overview



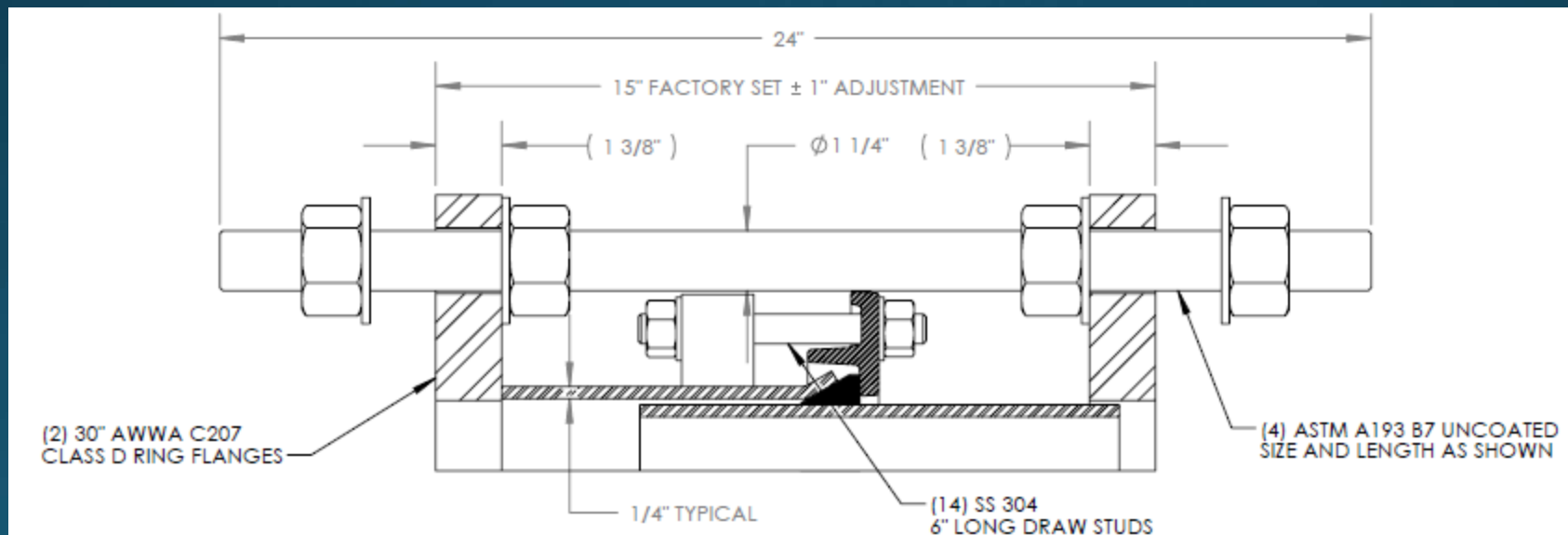
1. 7906DJ Dismantling Joints ("DJ") – a forward thinking product
2. 6636AS Abandonment Sleeves – risk mitigation, ease of installation, and water conservation.

# What is a Dismantling Joint?

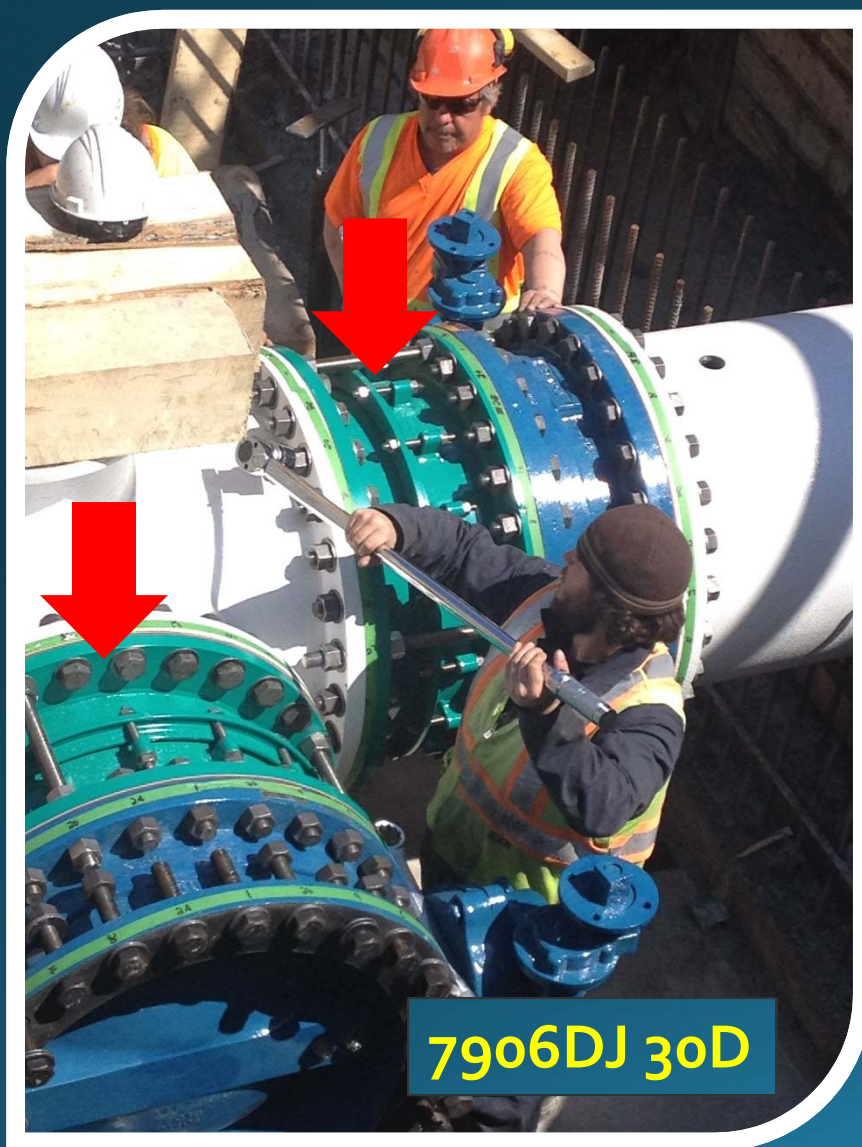
DJ's provide an adjustable, removable flange to flange segment that can carry the application's full dead load.

DJ's consists of

1. A flanged coupling adaptor (left)
2. A short flanged spool piece (right)
3. Appropriate number of tie rods per AWWA M11 to lock up the flanges and carry the dead load.



# Dismantling Joints are forward thinking!



1. Can accommodate unforeseen installation gaps between flanges +/- inches (size specific).
2. Aid in the future removal of valves when service is required – settlement of flanged systems may cause binding thereby locking up the system and making it extremely difficult to remove the valve.

# Abandonment Sleeves (6636AS)

Abandonment sleeves fit over the valve and seal off decommissioned 3/4" to 2" direct taps without any service disruption.

In the process of decommissioning a line, excavation of the valve or its subsequent back fill could compromise the integrity of the thread and that could lead to a leak or rupture in the future! **Mitigate this risk with a 6636AS!**



## 6636AS ABANDON SERVICE SLEEVE

### APPLICATIONS:

ROBAR **6636AS** Abandon Service Sleeves are used to seal off abandoned or decommissioned 3/4" through 2" main stops. Allows for no disruption in water service. No re-chlorination of lines due to atmospheric exposure. Simply install over existing main stop. Available in bolt bracket style or lifter bar style.



# Abandonment Sleeves (6636AS)

## What's your current decommissioning practice?

1. Shut off the valve and
  - pigtail the line?
  - cap the valve?
2. Knock the valve out under pressure and use a repair clamp?



**Water ingress is a potential threat with an exposed valve – mitigate the risk!**

# Abandonment Sleeves (6636AS)

## Water Conservation

Upon excavation of the valve the thread seal was compromised and is now leaking... now what?

- Leave it and back fill? It was a minor leak anyways!
- Depressurize and cut out the pipe section?
- Bolt on a Robar 6636AS – it's rated to 250-psi.

Interesting fact: in AWWA's February 2016 Journal (vol. 108 #2) entitled "Conservation", The Water Audits article cites that water losses cost \$425,821,000 in 5-states alone!\* That is a result of losing 40-gallons of water per day per service.

\*California, Texas, Georgia, Tennessee, and Delaware River Basin Commission