



# MTD MULTICLAMP FOR 4"-8" ELBOWS, TEES & COUPLINGS

Operator's Manual



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# NOTICE

Any operation involving work on pipe containing liquids or gases under pressure is potentially hazardous. To ensure a safe working environment, always follow proper procedures including those available from the equipment manufacturer and your company.

No person is authorized to make plastic pipe joints for natural gas service unless that person has been qualified through training, assembling, fusing and testing specimens in accordance with 49 CFR 192.285.

It is the responsibility of the operator to establish a method to determine that each person making joints in pipelines in their system is qualified to make those joints.

This manual does not serve to replace but should be used as a supplement to hands-on training. This manual is not intended to be used for system design purposes and does not take the place of the advice of a professional engineer.

Should any issue or difficulty arise while operating this equipment, contact ISCO Industries, Inc.

## MTD

MTD MultiClamp  
*For 4"-8" Elbows,  
 Tees, & Couplings*  
 Operator's Manual



# INTRODUCTION

## Description

This manual is designed to provide operating instructions for the MTD MultiClamp system for 4"-8" elbows, tees, and couplings.

## Safety

**WARNING: Read this manual thoroughly before operating the MTD MultiClamp system. Under no circumstances should the factory recommended specifications be exceeded.**

If the operator or other personnel have questions regarding the operation of this system, please contact ISCO Industries, Inc. Always refer to and follow your company's safety procedures.

## Protective Clothing

Gloves, flame-retardant shirt, safety glasses, safety shoes, and hard hat are recommended. Do not wear jewelry, loose clothing, or other items that could get caught in moving parts.

## Warnings

**WARNINGS** in this manual indicate a potentially hazardous situation which, if not avoided, could result in death or serious injury, as well as damage to equipment. They may also be used to alert against unsafe procedures.

## MTD MultiClamp

The MTD MultiClamp is a system of components that provides effective, all-purpose pipe work clamping for the electrofusion process.

**WARNING: Do not attempt any clamping operation without following the procedures outlined in this manual. Any departure from prescribed procedures could result in severe injury to personnel and/or damage to equipment/property.**

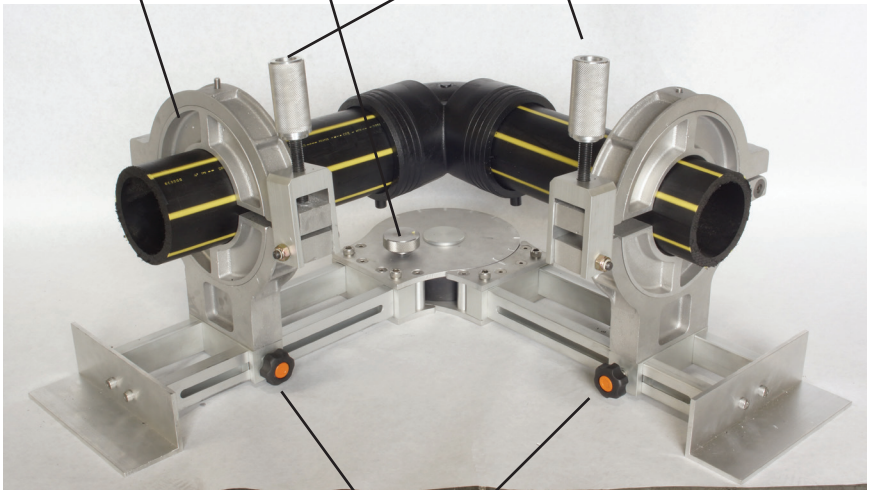
**WARNING: Do not alter this equipment or any of its components. Any alteration of this equipment or use of any of part not approved by ISCO could cause the machine to malfunction, resulting in damage to the equipment and/or severe injury to personnel.**

# MTD MULTICLAMP COMPONENTS

Clamp Liners  
4", 6", 8"

Positioning  
Knob

Clamp  
Knobs



Length  
Adjustment  
Knobs

# INSTALLATION AND USE

## Description

This section provides the operator with factory recommended operations for safe and effective MTD MultiClamp use.

## Procedure

1. Loosen both knobs to open MTD MultiClamp.



2. If needed, place appropriate size liner (4", 6", 8") into MTD MultiClamp. Tighten holding pin into hole in liner, securing liner to MTD MultiClamp.



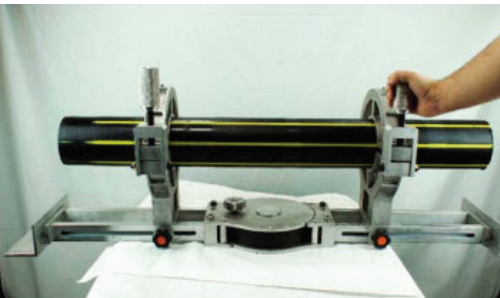
3. Pull center knob out and select appropriate position to clamp. (Straight, 30°, 45°, 60°, 90°)



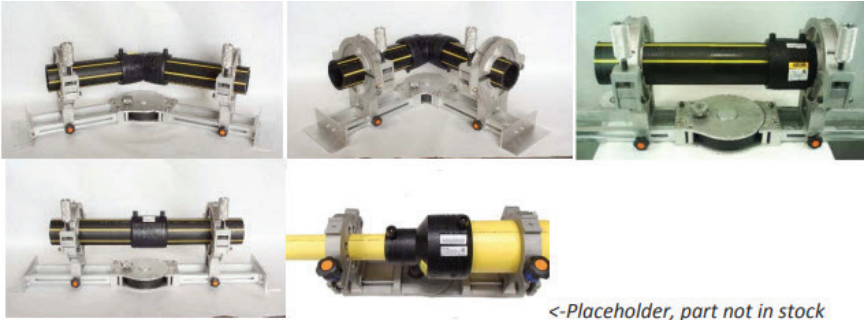
4. Adjust clamping elements toward or away from fitting as needed, and tighten slider knobs to secure them in place.



5. Insert pipe and close MTD MultiClamp. Tighten both knobs to fasten in place.



6. See pictures below for MTD MultiClamp positions with fastened pipe:



| Part Number | Description  |
|-------------|--|
| TRI2018     | 48 EF MultiClamp kit consisting of 8" IPS MultiClamp, 8"x6" IPS liner for MultiClamp, 8"x4" IPS liner for MultiClamp, including aluminum carry case (TRI2018-10, TRI2018-20, TRI2018-30) |
| TRI2018-10  | 8"x6" IPS liner for 48 EF MultiClamp kit (TRI2018)   |
| TRI2018-20  | 8"x4" IPS liner for 48 EF MultiClamp kit (TRI2018)   |
| TRI2001-30  | Carry case for 48 EF MultiClamp kit (TRI2018)  |





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