

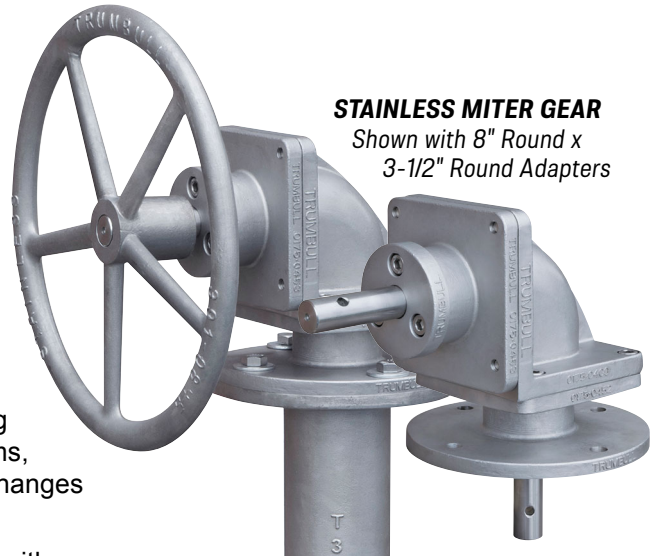
## Miter Gears

**Gear Ratio = 1:1, Input/Output Shaft Diameter = 0.984"**

Trumbull Miter Gears are heavy-duty, enclosed gear assemblies available in ductile iron and stainless steel models, and are designed to fulfill these primary functions:

- To be used as an add-on component to Trumbull Floorstands or Pedestals.
- To be mounted directly to valves where a 90° change in the input shaft direction is required.
- For use as a stand-alone component in a valve operating assembly with rotating elements, such as extension stems, where the installed conditions require one or more 90° changes of direction.

Housings are cast 316 stainless steel or ductile iron 65-45-12 with a Tnemec N140-1211 two-part epoxy, NSF-61 certified exterior coating. The gears are case hardened steel; the gear shafts and fasteners are 316 stainless steel. Trumbull Miter Gear Assemblies are provided standard with a recessed grease fitting for easy maintenance and Buna-N O-ring seals on each end adapter.

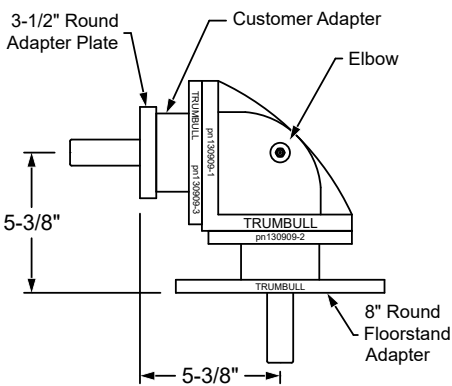


**STAINLESS MITER GEAR**  
Shown with 8" Round x 3-1/2" Round Adapters

**i** Trumbull Miter Gears have a recommended maximum working torque of 200 ft-lb (270 N-m). For applications with higher torque requirements, please consult Trumbull.

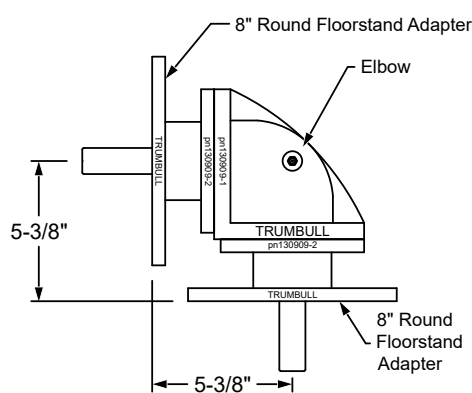
### MG1A

8" Round x 3-1/2" Round



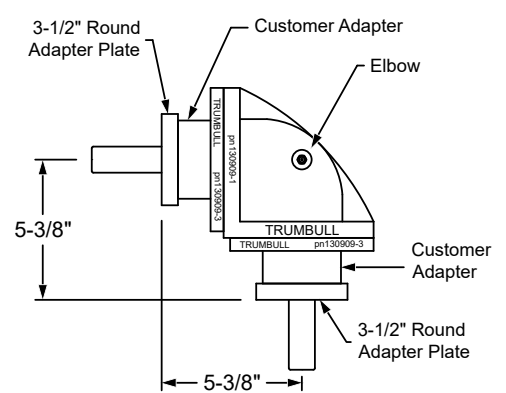
### MG1C

8" Round x 8" Round



### MG3A

3-1/2" Round x 3-1/2" Round



| End Configurations          | Model №     | Weight     | Typical Usage for Each End Adapter  |
|-----------------------------|-------------|------------|---|
| 8" Round x 3-1/2" Round     | <b>MG1A</b> | 39.00 lbs. | 8" Round - mates to our Floorstands<br>3-1/2" Round - for use with handwheel or nut operators     |
| 8" Round x 8" Round         | <b>MG1C</b> | 46.00 lbs. | Both 8" Round ends mate to our Floorstands & other fabrications such as torque tubes              |
| 3-1/2" Round x 3-1/2" Round | <b>MG3A</b> | 32.00 lbs. | Both 3-1/2" Round ends for use with either extension stem assemblies, handwheel, or nut operators |