



American Thermowell

BUILT ON A TRADITION OF EXCEEDING QUALITY AT EVERY STEP.

www.americanthermowell.com

Revised (09/22/2022)

RTJ (Ring Type Joint) Orifice Plates

Our RTJ orifice plates are designed and manufactured 100% in house

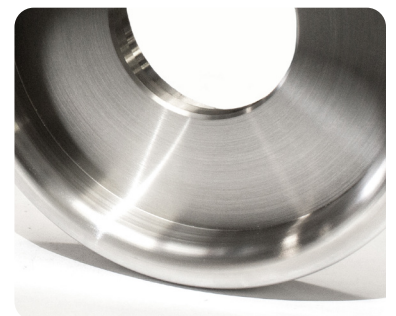
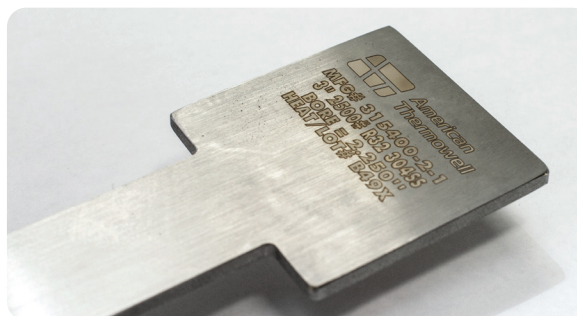
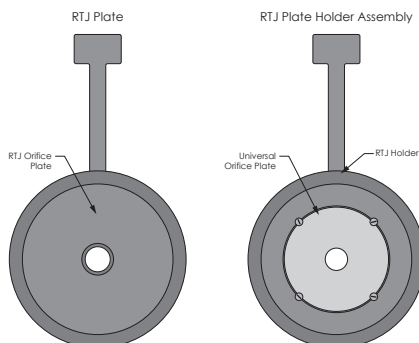
American Thermowell offers both RTJ orifice plates, along with RTJ plate holder assemblies which include the required universal orifice plate.

RTJ Plate holders are a great solution for applications where frequent size changes or replacements are expected. Ring type joint orifice plates contain an integral gasket that mounts between the ring tongue joint flanges. Plate thickness is calculated based on line size and pressure, this helps prevent the plate from possible failure.

American Thermowell RTJ orifice plates are available in a variety of materials, and bore configurations. RTJ's are recommended for high-temperature and high-pressure applications, involving clean liquids, gases and slower steam flows.

Features:

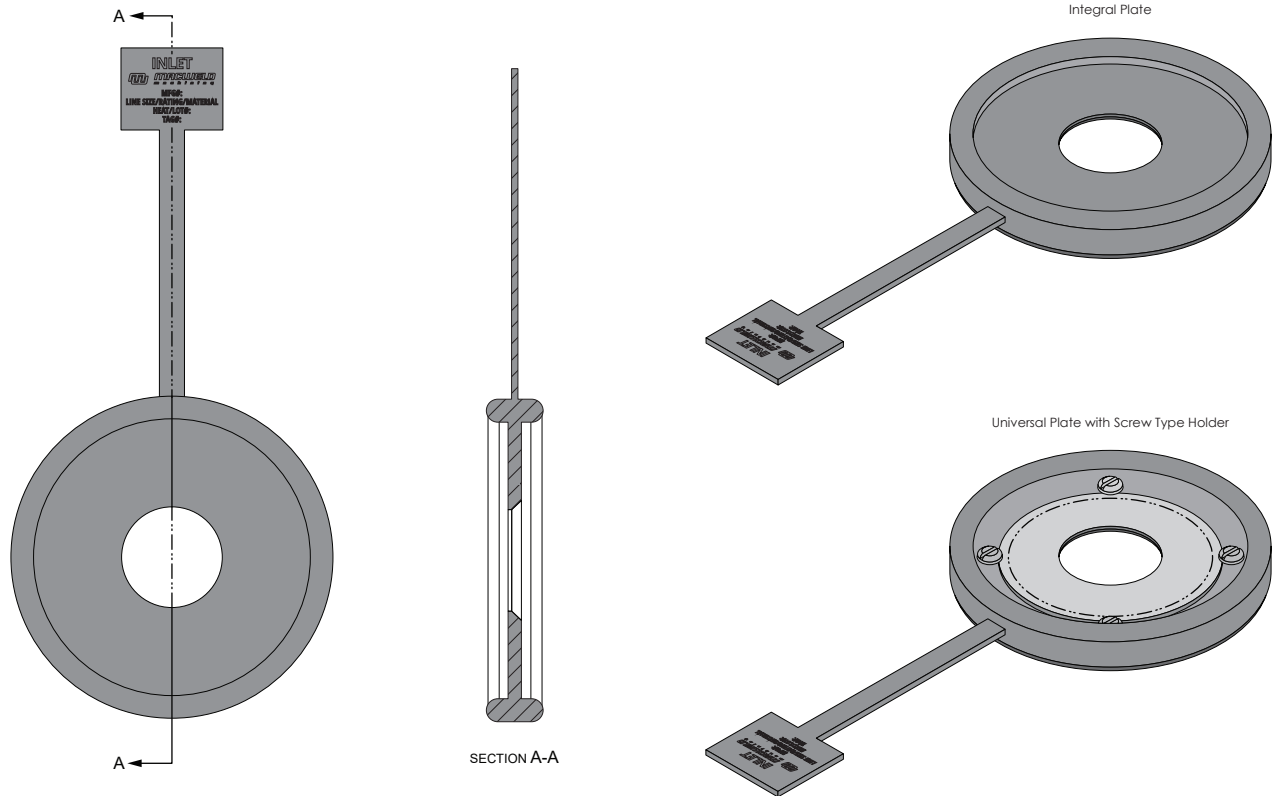
- Custom designs available based on clients application requirements
- Available as single machined piece or two pieces; orifice plate and holder
- Recommended for high temperature and/or pressure applications
- Large selection of materials available
- Stamped with mill traceable material and heat number
- NACE compliant





— Built on a tradition of exceeding quality at every step —

RTJ ORIFICE PLATES



Material Options: Available in 316 Stainless Steel, Hastelloy – Monel. Also available in most alloy materials.

Industries: Any industry that requires flow measurement.



Fig. 1A



Fig. 1B

American Thermowell Specialty RTJ Orifice Plates

Since we manufacture all of our orifice plates on site, we have the ability to design plates based on the specific requirements of our clients.

- Side A - RTJ Plate (Fig. 1A)
- Side B - Lens Ring (Fig. 1B)



Specializing in instrumentation
and process control hardware.

- ✓ Thermowells
- ✓ Bleed & Flush Rings
- ✓ Orifice Plates
- ✓ Valves

