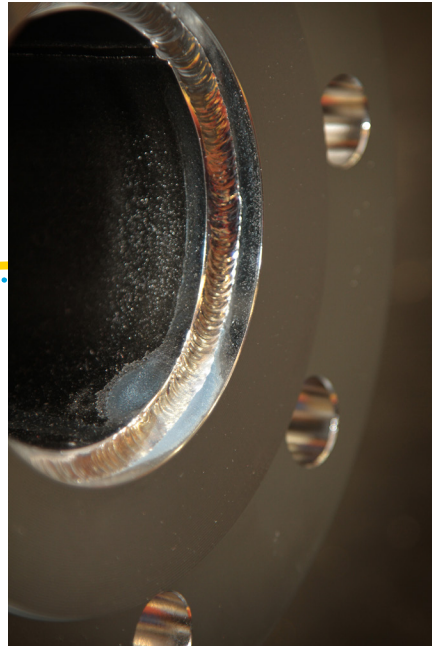


Our best gas solutions for TIG welding of austenitic stainless steel



Features/benefits

Improved productivity

Fewer rejects

A better working environment

For more information,
please contact us at:

Corporate Headquarters

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tell me more
airproducts.com/welding

5% H₂ in N₂: Protect the underside of the weld

Air Products recommends purging and backing gas for austenitic stainless steel.* If you are still using pure argon as a purging or backing gas, we recommend you switch to 5% hydrogen in nitrogen mixture. You'll notice the difference immediately: the hydrogen scavenges any remaining oxygen inside the pipe or object being welded to avoid contamination, while improving root bead penetration at lower amperage.

Inomaxx® TIG

Benefits of 2% hydrogen added to pure argon, the best gas for TIG welding austenitic stainless steel.*

- Increased welding speed
- Improved penetration
- Less surface oxidation
- Lower gas consumption and overall costs
- Less post-weld cleaning
- Lower ozone emissions

* Common grades include: 304 and 316.