

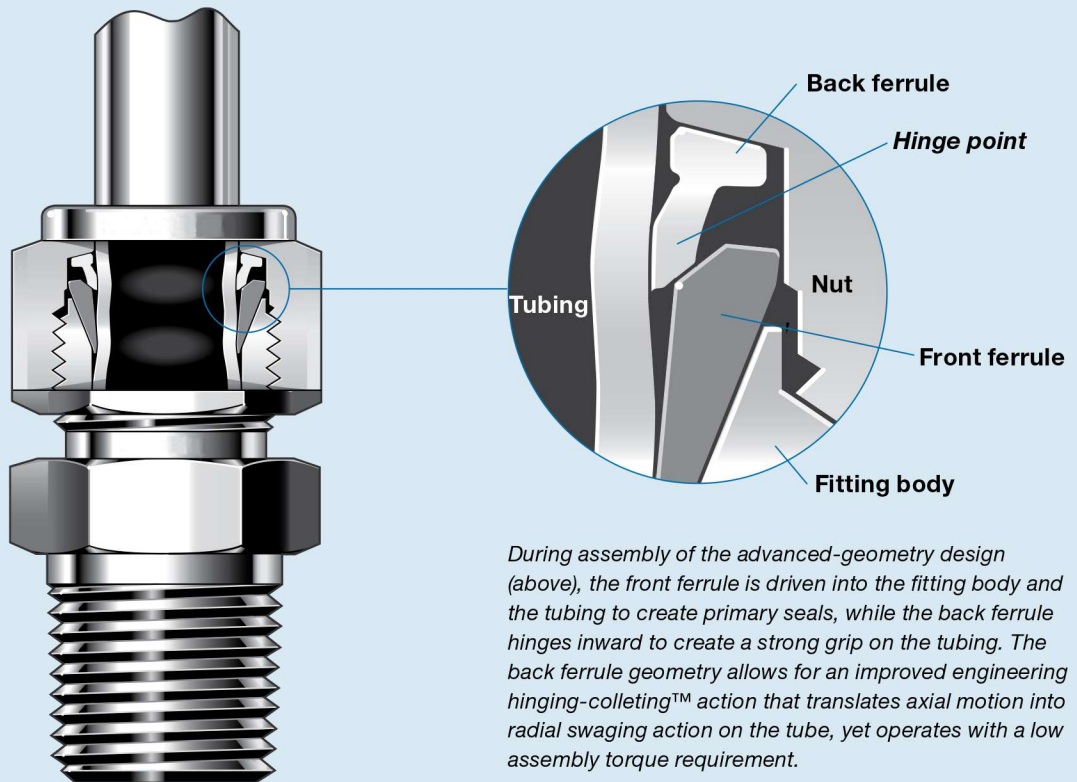
Gaugeable Tube Fittings and Adapter Fittings



- Available in tube sizes from 1/16 to 2 in. and 2 to 50 mm
- Consistent gaugeability upon initial installation
- Easy to disconnect and retighten
- Wide variety of materials and configurations
- Demonstrated reliability and performance

Features

- Live-loaded, two-ferrule design.
- Easy to install.
- No torque is transmitted to tubing during installation.
- gap inspection gauge ensures sufficient pull-up upon initial installation.



During assembly of the advanced-geometry design (above), the front ferrule is driven into the fitting body and the tubing to create primary seals, while the back ferrule hinges inward to create a strong grip on the tubing. The back ferrule geometry allows for an improved engineering hinging-colletting™ action that translates axial motion into radial swaging action on the tube, yet operates with a low assembly torque requirement.

Two-Ferrule, Mechanical Grip Design

The two ferrules separate sealing and tube gripping functions; each ferrule is optimized for its function.

The front ferrule creates a seal:

- against the fitting body
- on the tubing outside diameter.

As the nut is turned, the back ferrule:

- axially advances the front ferrule
- radially applies an effective tube grip.

Advanced-Geometry, Hinging-Colletting Back Ferrule Design

This design is standard on all 1/4 to 1 in. and 6 to 25 mm stainless steel tube fittings to help installers make more consistent, leak-tight tube connections.

In these sizes, a patented case hardening process and patented recessed and contoured geometry provide a unique engineered advantage to the back ferrule, providing:

- excellent gas-tight sealing and tube-gripping action
- easily achieved proper installation
- consistent remakes
- excellent vibration fatigue resistance and tube support
- full compatibility with original stainless steel tube fittings of identical sizes.

Tees

Unions



Union and Reducing Union

Male



Branch, NPT Adapter Tees



Run, NPT



Positionable Branch, BSP



Positionable Run, BSP

Female



Run, NPT



Branch, NPT

Cross



Union

Caps and Plugs



Cap



Plug

Straight Fittings

Unions



Union Reducing Union



Bulkhead Union and Bulkhead Reducing Union

Male Connectors



NPT BSP



Bulkhead NPT

90° Elbows

Unions



Union

Male



NPT BSP



Reducing Elbow



Positionable BSP

Female



NPT

Weld Connectors



Tube Socket



Male Pipe

Female Connectors



NPT BSP



Bulkhead NPT

Reducers



Reducer Long Reducer



Bulkhead Reducer

Port Connectors



Port Connector and Reducing Port Connector

Vent Protectors



Mud Dauber