# INSTRUMENTATION FEMALE ELBOW

** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 09:33 PM

SKU
: 1581

BRAND
: DIXON VALVE

MODEL
: 16-DFE-16

Applications:
Applications include: high pressure, high temperature, nitrogen, helium, flammable gases, hydraulic gases, corrosive media and pneumatic automation.

Specifications:
ASTM F 1387 Certified

Features:
Double collet (ferrule) swaging action
Two positive seal points

Construction:
ASTM material construction
316 stainless steel

Compatibility & Interchange Data:
Fully interchangeable with Swagelok® and Parker A-Lok® fittings

Installation
Cut tubing squarely and clean tube end thoroughly to remove burrs.
Insert tubing into the assembly making sure the tubing seats firm against the shoulder of the body and the nut is finger tight.
Tighten the nut with a wrench 1-1/4 turns, while holding the body with a second wrench.

Note:
Instrumentation fittings come completely assembled.

Safety notes:
Never connect, disconnect or remake a fitting with pressure in the system.



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Make sure all fittings are properly installed.

It is not recommended to go beyond the pressure rating of the tubing. Elongation could occur in the tubing, shrinking the wall thickness and cause potential harm.

For proper sealing it is recommended that the tubing and fittings be of like material.

Always use proper thread lubricant and sealants on tapered pipe threads.

Never bleed a system by loosening a fitting.

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Female Thread** | NPT |
| **Female Thread Size** | 1" |
| **Material** | 316 Stainless Steel |
| **Factory Part Number** | 16-DFE-16 |
| **Temperature Range** | -325°F to 1200°F (-198°C to 648°C) |
| **Tube OD** | 1" |



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