



BESPOKE 7.375" 10K FLANGE CONNECTION FULLY API 17G QUALIFIED OFFERING SUBSTANTIAL ENVELOPE, CAPACITY AND FUNCTIONALITY IMPROVEMENTS IN COMPARISON TO EQUIVALENT JOINTS.

Features:

- ▷ **Preloaded to improve fatigue life.**
- ▷ **Dual sealing to assure pressure integrity.**
- ▷ **Ported to allow conveyance of hydraulic power.**
- ▷ **Compact & lightweight design.**

DESIGN DATA

Design Pressure	Working: 10,000 psi (68.9 MPa) Test: 15,000 psi (103.4 MPa)
Design Standard	API 17G 3 rd Edition 2019, ISO 13628-7 2006, API 6A 21 st Edition (ISO 10423) 2018
Design Temperature Class	Class U (0°F to 250°F / -18°C to 121°C)
Design Depth	10,000 ft (3,048 m)
Material Class	EE - Sour Service
Fasteners	15x 1-1/2" Studs and Nuts
Porting	Up to 32x 1/4" Integral Through Lines

DIMENSIONS

Bore Diameter (Nom)	7-3/8" (187.3 mm)
Outer Diameter (Nom)	18-5/8" (473.1 mm)
Effective Length (Min)	9-5/8" (244.5 mm)
Neck Outer Diameter (Min/Max)	Minimum: 9-5/8" (244.5 mm) Maximum: 10-3/4" (273.1 mm)

STRUCTURAL CAPACITIES

Working Tension @ 10 ksi	865 kip (3,848 kN)
Working Moment @ 10 ksi	198 ft kip (268 kN m)
Working Tension @ 0 ksi	1,482 kip (6,592 kN)
Working Moment @ 0 ksi	340 ft kip (461 kN m)

Structural validation testing fully compliant with API 17G 3rd Edition – Annex E
 Functional capacities shall be checked against project requirements

The information in this document is uncontrolled and subject to change without notice.

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