



**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.
- ▷ Optional umbilical slot and offset design.
- ▷ 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 Round Nuts
Umbilical	As per Project Requirements

DIMENSIONS

Bore Diameter (Nom)	7-3/8" (187.3 mm)
Outer Diameter (Nom)	15-3/4" (400.1 mm)
Effective Length (Min)	11-2/5" (289.6 mm)
Neck Outer Diameter (Nom)	9-5/8" (244.5 mm)

STRUCTURAL CAPACITIES

Working Tension @ 10 ksi	1,168 kip (5,196 kN)
Working Moment @ 10 ksi	260 ft kip (353 kN m)
Working Tension @ 0 ksi	1,628 kip (7,242 kN)
Working Moment @ 0 ksi	362 ft kip (491 kN m)
Structural validation testing fully compliant with API 17G 3 rd 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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