

O-Series Subs

APPLICATION

- Sweet to moderately corrosive applications from 40 degF to 300 degF [4 degC to 149 degC]

BENEFITS

- Provides an unobstructed flow path and reliable production.
- Allows fewer potential leak paths.

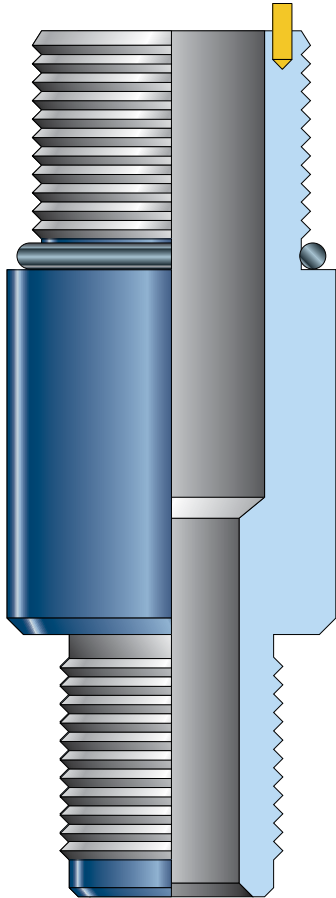
FEATURES

- Straight-through bore design
- Designed in accordance with API and ISO criteria
- Minimum number of seals

General-service equalizing subs with working pressures to 5,000 psi [34,475 kPa]

The O and O-1 sub connect a C- or M-series lock to an equalizing sub for use with a slickline-retrievable safety valve, a bottomhole regulator, or a C-plug assembly. The difference between the O and the O-1 sub is that the O-1 sub has internal threads to receive chokes.

The O or O-1 sub acts as a crossover sub by converting the thread size of the C- or M-series lock to that of the equalizing sub or velocity-type safety valve. A pin in the upper end of the O-series subs holds the locking ratchets in place on the C- or M-series lock.



O-series sub.

Engineering Data for O-Series Subs

Tube OD [†] (in [mm])	Type	Max. OD (in [mm])	Min. ID (in [mm])
1.900 [48.3]	0	1.421 [36.1]	0.562 [14.3]
	O-1		
	0	1.546 [39.6]	
2.375 [60.3]	O-1	1.786 [45.4]	0.875 [22.2]
	0		1.062 [27.0]
2.875 [73.0]	0	2.218 [56.3]	0.718 [18.2]
	O-1		1.546 [39.3]
3.500 [88.9]	0	2.718 [69.0]	1.171 [29.7]
	O-1		

[†] The engineering data provided illustrate the scope of this product offering and are not all inclusive. Additional sizes and pressure ratings are available upon request.