**Technical Data / Specifications**

**Receptacle Dimensions**
- Length: 10 in
- Width: 6 in
- Weight in Air: 12 lbs
- Weight in Water: 10 lbs

**Receptacle Performance Data**
- Depth Rating: Full Ocean Depth

**Receptacle Hydraulic Data and Performance**
- Hydraulic Fluid: any
- Max Operating Pressure: 10,000 psi version available up to 20,000 psi
- Max Operating Flow: 7 gpm
- Min Operating Flow: 0 gpm

**Receptacle Materials**
- Nitronic 50

**Hot Stab Dimensions**
- Length: 24 in
- Width: 2 in
- Weight in Air: 9 lbs
- Weight in Water: 6 lbs

**Hot Stab Performance Data**
- Depth rating: Full Ocean Depth

**Hot Stab Hydraulic data and Performance**
- Hydraulic Fluid: any
- Max Operating Pressure: 10,000 psi version available up to 20,000 psi
- Max operating Flow: 7 gpm
- Min Operating Flow: 0 gpm

**Hot Stab Materials**
- API 17D
- 316 SS
- Ampco 45
- API 17H
- Nitronic 60
- Ampco 45
- 316 SS (t-handle)
Overview

ROV Hot Stabs and Receptacles are used to power hydraulic tools, transfer fluid, perform chemical injections, and to monitor pressure.

There are two API specifications that cover the design and manufacture of ROV Hot Stabs and Receptacles. API 17H (also referred to as ISO 13628-8) and API 17D. Both are manufactured at Oceaneering Intervention Engineering in a state of the art c-n-c machine shop.

The Hot Stab consists of a flexible T-handle, the body and removable tips that are installed to prevent damage to the receptacle in the event of an off-angle insertion.

The tips and handle are easily replaceable in the event that they are damaged. The body is coated with a xylan that is impregnated with Moly and Teflon to ease insertion and remove any glare from camera lights.

The Receptacles are machined in-house as well and have a long track record on major subsea suppliers’ equipment. They are also available in flange mount versions for panel mounting applications or side mount configurations for direct equipment mounting.