

ROV HOT STABS AND RECEPTACLES

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
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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
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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	API 17H
316 SS	Nitronic 60
Ampco 45	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.