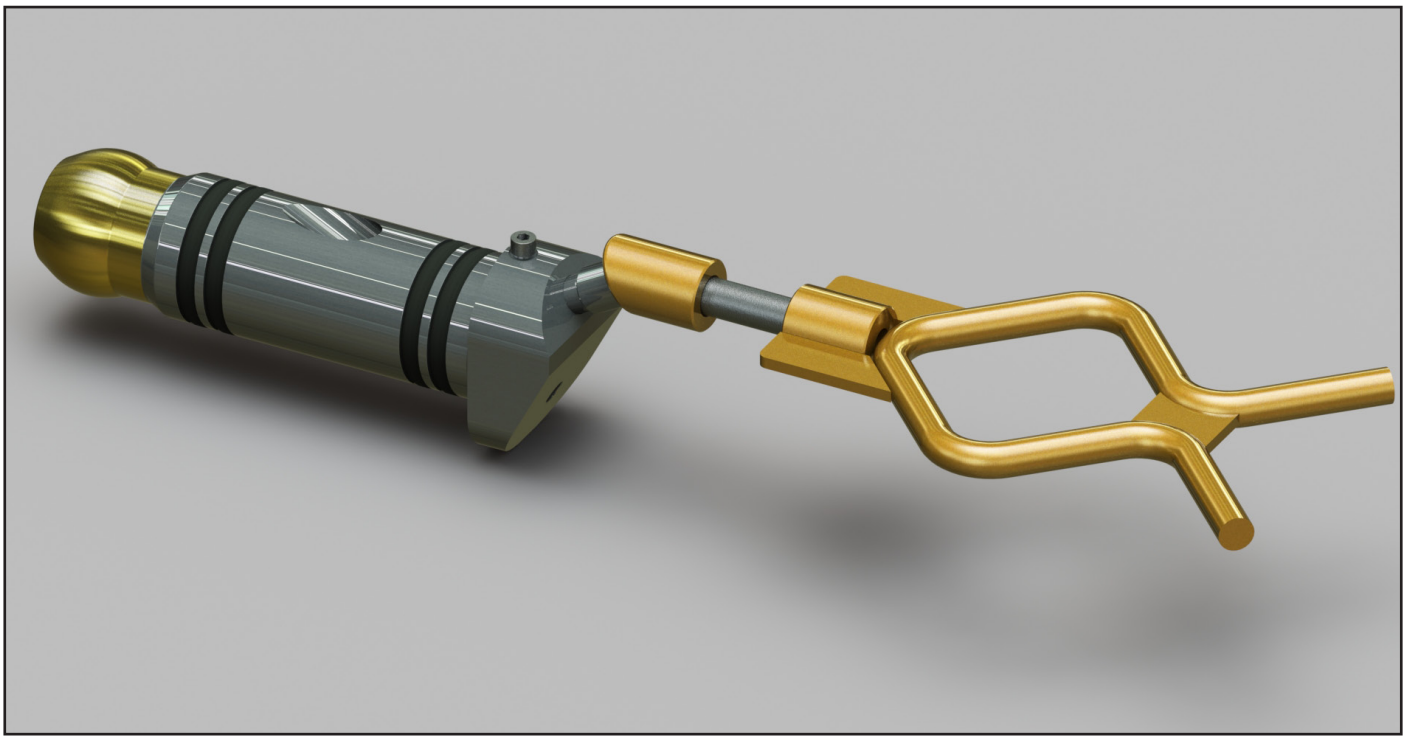
Secc
Oil & Gas Ltd

Max Flow Hot Stab Connector



The Max Flow Hot Stab is the world's first straight-through, pressure-balanced stab connector. It incorporates SECC's patented zero head-loss technology and is ideally suited to high-flow operations.

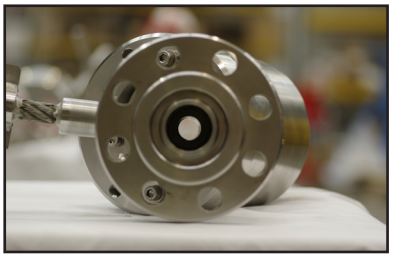
The straight-through, full bore allows operators to employ smaller-diameter piping to achieve very high flow rates throughout the rest of the system.

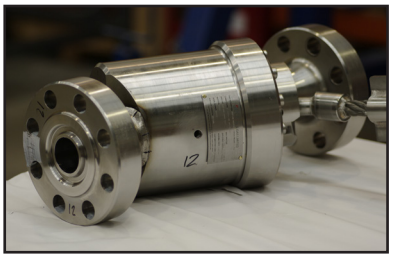
Applications

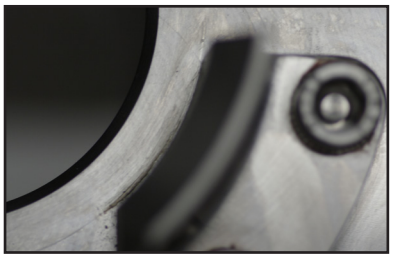
- All Pumping and Fluid Transfer Projects Associated with Subsea and Topside Applications
- Well Stimulation
- Work Over & Intervention
- Pressure Testing
- Pipeline Pre-Commissioning
- Coil Tubing
- Kill Lines
- Cementing
- Chemical Injection

Features

- Straight Through Bore - Zero Head Loss
- J-Latch Locking Mechanism
- Fully Pressure Balanced Design
- Very High Flow Rates Achievable
- ROV or Diver Operable
- Range of ROV Handles
- Dual Seal Arrangement Available
- Very Simple Operation



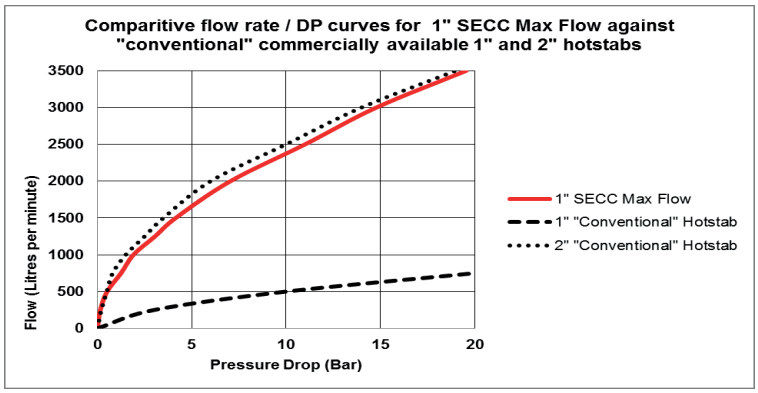


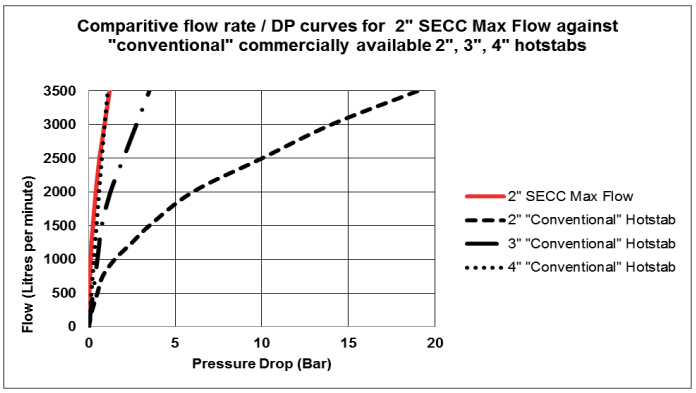


	NOMINAL BORE DIAMETER				
	1/4"	1/2"	1"	2"	4"
Male Weight (kg)	4	6	8	13	20
Female Weight (kg)	8	11	15	25	37
Female Length, L (mm)	222	256	350	480	650
Female Height, H (mm)	103	136	186	344	651
Male Length, A (mm)	280	500	561	650	712

Flow Data

Flow rate to differential pressure curves are presented in the charts below. The data for Secc Max Flow Hot Stabs has been derived using computational fluid mechanics. The curves highlight the comparatively small pressure drop observed across the Max Flow Hot Stabs in contrast to a series of “conventional” commercially available hot stabs of similar dimensions.





Specification

Bore Sizes	1/4”, 1/2”, 1”, 2” and 4”
Design Pressure	Up to 10,000 psi [690bar]
Water Depth	Up to 10,000 ft. [3048m]
Operating Temperature	-18ºC to 121ºC
Flow Path	Straight Through
Male & Female End Fittings	API Flange Threaded (JIC or NPT) Destec or Grayloc Hubs H/P Autoclave Weld Preparation
Elastomeric Seals	HNBR, Viton (FKM) or Perfluoroelastomer (FFKM)
Materials	Super Duplex, Inconel and S316 Stainless Steel
Connection Methods	ROV - Fishtail, T-Bar, or Grab Handle Manual Topside
Alignment Method	J-Type Latch
Disconnection Method	ROV Pull-Out
Breakaway Control	J-Type Latch
Dimensions & Weights	Please refer to individual data sheets
Flow Rates	For specific flow information, please contact Secc

For further information about the connector, its operations and installation, please contact us and we will be happy to help.