

# Rotatable Connectors

For Multi-Channel Stab Connections



Key design features and thorough testing ensure dependable rotatable connectors that withstand high temperatures (400°F) as used in the toughest and deepest drilling operations.

## Lower Maintenance and Inventory Costs

Our patented, replaceable contact springs reduce downtime and save money. By using the replaceable contact spring technology (current designs from three to ten channels), these rotatable connectors provide the customer the ability to replace the main contact element of the connector in the event of wear or damage. This provides a significant cost and maintainability improvement over the other rotatable connectors.

## Customizable Solutions

Winchester specializes in state-of-the-art rotatable connector solutions. Our engineers will work closely with you to accurately and expeditiously design to your requirements. Integrated design features such as high pressure bulk heads or retaining mechanisms as part of a complete design solution are customized to your needs. In-house manufacturing insures quick turnaround of your total project. We can do small or large production runs with short lead times.



- 1580100 7-Channel Male
- 1580150 7-channel Female



- 4-Channel Male x 6P/4S Bulkhead (Kintec)

## Technical Design Parameters

**Pressure Rating**

Up to 20,000 psi (1378 BAR)

**Shell Material**

Consult Connector Series

**Current**

2 AMPS Max per Contact

**Temperature Range** Up

to 200°C / 400°F

**Insulation**

**Resistance**  
1 GOhms Min @ 500VDC

**Leakage Rate**

10<sup>-9</sup> mbar x 1 x s<sup>-1</sup>

Channels	MALE DIA (in.)	MALE LENGTH (in.)	FEMALE DIA. (in.)	FEMALE LENGTH
1-3	1.8"-2.1" +	0.062"	1.8"-2.1" +	17"
4-10	1.8"-2.1" +	0.062"	1.8"-2.1" +	17" - 26"

