Mako Offshore



The Class 6–7 Torque Tool has been developed to meet the increasing need for a 17,000 Nm subsea torque interface, suitable for larger valves and critical infrastructure. It adheres to the ISO 13628-8 Fig 18 (API 17D) Class 7 standard, with a reduced-length nose conforming to the common industry variation.

This tool is socket-insert compatible, enabling it to operate both Class 6 and Class 7 valve interfaces (3-1/2" and 2-5/8" sockets). Options include a hot stab receptacle, integrated compensator, and electronic turns counter, allowing deployment to the subsea site via basket and connection separate from the ROV.

Key Features

- ISO 13628-8 Fig 18 (API 17D) Class 6/7 Interface (reduced nose length)
- Max Torque: 17,000 Nm (12,600 ft-lbs)
- Dual sensor inductive turns counter
- Accepts 3-1/2" and 2-5/8" square sockets
- Optional hot stab receptacle & compensator
- Designed for basket deployment & remote connection
- Supplied in offshore transit case

Technical Specifications

Specification	Value
Torque Interface	ISO 13628-8 Fig 18 (Reduced Length)
Maximum Torque	17,000 Nm (12,600 ft-lbs)
Socket Sizes	3-1/2" Square & 2-5/8" Square
Weight (Air/Water)	74 kg / 55 kg *(160 lbs / 120 lbs)*
Electrical Connector	8 Pin Burton
Sensors	Dual Sensor Inductive Turns Counter
Hydraulic Fluid	Mineral Oil

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Dimensions



