

Torque Tool Gear Adapters

Torque tool gear adapters are designed to enable the operation of Class 5, 6, and 7 valves using a Class 4 torque tool. The adapters are fully compensated and can be left on the seabed during operations to increase efficiency in operations.



FEATURES

Field proven design

No hydraulic connections

Easily handled by an ROV

Torque Tool Gear Adapters

Torque tool gear adapters and their ability to be left subsea between uses saves operators valuable rig time. By deploying the required adapters subsea with a Class 4 torque tool, the need for the ROV to surface for multiple change outs is eliminated. The adapters can be used with any Class 4 torque tool and can be customized to suit a customer's specific project requirements, including size and access restrictions.



Technical Data

Class 4 to 5 Adapter	
Depth rating	10,000 fsw / 3,000 msw
Dimensions w ROV handle (Ø x L)	13.3 x 14.7 in 33.8 x 37.2 cm
Weight in air/water	79 / 62 lb 36 / 28 kg
Gear ratio	1:3.2
Maximum torque output	7,000 Nm

Class 4 to 6 Adapter	
Depth rating	10,000 fsw / 3,000 msw
Dimensions w ROV handle (Ø x L)	15.6 x 30.8 in 39.8 x 78.3 cm
Weight in air/water	138.9 / 101.4 lb 63 / 46 kg
Gear ratio	1:5.7
Maximum torque output	14,000 Nm

Class 4 to 7 Adapter (Short)	
Depth rating	10,000 fsw / 3,000 msw
Dimensions w ROV handle (Ø x L)	15.8 x 30.3 in 40 x 70 cm
Weight in air/water	156.5 / 119 lb 71 / 54 kg
Gear ratio	1:16
Maximum torque output	34,500 Nm

Class 4 to 7 Adapter (Extended)	
Depth rating	10,000 fsw / 3,000 msw
Dimensions w ROV handle (Ø x L)	15.8 x 42.1 in 40 x 107 cm
Weight in air/water	194 / 143.3 lb 88 / 65 kg
Gear ratio	1:16
Maximum torque output	34,500 Nm

Transport Cases

	Dimensions (L x W x H)
Class 4-5 Adapter	31.4 x 23.7 x 15.8 in 798 x 602 x 401 mm
Class 4-6 Adapter	47.2 x 31.4 x 19.7 in 120 x 80 x 50 cm
Class 4-7 Adapters	42.7 x 31.4 x 19.7 in 120 x 80 x 50 cm