



The API 17D Clutch Tool was designed to address standard rotary API and ISO torque receptacles. It replaces the use of cumbersome T-handle socket extensions for low torque applications. It is intended to be deployed with either a 5 or 7-function ROV manipulator. It can also accept 1"-drive extensions for torque verification and operation in lieu of the supplied T-handle.

The torque setting is adjustable on the front of the tool. The clutch mechanism consists of an array of ball detents that have an adjustable spring pre-load. This remarkably repeatable mechanism is unaffected by pressure or temperature during operations. Indicator marks on the back of the tool body allow the user to count the total number of turns during an actuation. Once the tool has exceeded the pre-set torque limit, it visibly slips the detents and prevents any over-torque of the drive stem.

### Specifications

Length	15 in (38 cm)
Diameter	5.985 in (15.202 cm)
Grip Length	7.5 in (19.0 cm)
Torque Range	0 – 200 ft-lbs (0 – 271 N-m)
API Class Size Range	Class 1 - 4
Materials	Stainless Steel / AMPCO 45
Weight in Air	30 lbs (14 kg)
Weight in Water	22 lbs (10 kg)