DATA SHEET

28.09.2023 17:18

Torque adapter

15.0 Nm 1/4 inch hex, 1/4 inch square

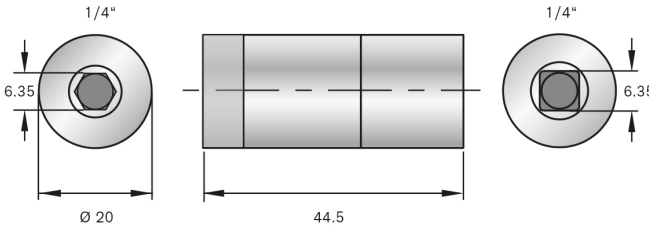
Item No. 4-9615-ETB

Precise and accurate for at least 20.000 clicks

Specification

Preset torque, tolerance +/-10%
Tightening torque 15.0 Nm / 152.9 Kgfcm / 132.8 in-lb
Bit magnetic holder 1/4 inch hexagon 6.35 mm (DIN 3126)
Drive square shank 1/4 inch (DIN3120)
Material alloyed steel
Adapter Ø 20 mm
according to DIN 3126, DIN 3120
Length 44.5 mm
Weight 91 g





Application and technology

Turn your ¼ inch bit and a reversible ratchet (ratchet) into your perfect torque tool. The torque value is preset in the adapter and can be clamped between any standard holding tool and a bit. The click sound indicates when the torque is reached. The adapter cannot be overtightened. When loosening the screw, there is no torque unlocking (due to the blocked core shaft), thus no additional loosening tool is required (30% higher torque when loosening). The adapter is primarily suitable for manual operation.

The adapters are tested according to DIN EN ISO 6789 (manually operated torque screwdriving tools) and have a tolerance of ± 10% for at least 20,000 clicks. The torque value should be checked regularly by the user via a torque meter. The adapter functions by locking the ratchet, the torque in the bushing sleeve. The patented system also consists of a hollow shaft and a damping cylinder. The core shaft is able to move the mobile ratchet. The damping cylinder has a slot to allow the spacer sleeve to slide on the core shaft. When the applied torque exceeds the preset torque, the core shaft becomes inactive. This means that when the torque requirement is reached, the continuous tension is no longer increased, so also on the screw to be tightened.