Bernstein®
TOOLS FOR ELECTRONICS

Torque adapter

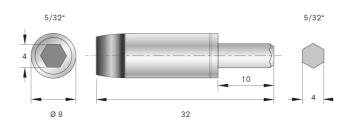## 0.2 Nm for C4 bits (4 mm 5/32 Zoll hex)

Item No.	**4-972**
	Precise and accurate for at least 20.000 clicks

Specification

Preset torque, tolerance +/-10%
Tightening torque 0.2 Nm / 2.0 Kgfcm / 1.8 in-lb
Bit magnetic holder 4.0 mm hexagon (factory standard)
Drive hex shank 4 mm (factory standard)
Material alloyed steel
Adapter Ø 8 mm
Adapter length 22.0 mm (without shank)
Length 32 mm
Weight 7,5 g

Application and technology

Turn your 4mm C4 bit and a holder into your perfect torque tool. These small torque values are 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. In conjunction with power tools, we recommend a max. speed of 100 rpm, with minimum click repetition.

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.