

PRESET TORQUE-ADAPTER ONE SYSTEM MANY POSSIBILITIES

TORQUEline from BERNSTEIN impressed with its flexibility. We developed a tool system that allows to combine the single components in various ways. Thus, you always have the right torque for every application.



ESD-bit-holder
with rotating cap
6-340-1

4 mm
4 mm orange ring
1/4" black ring

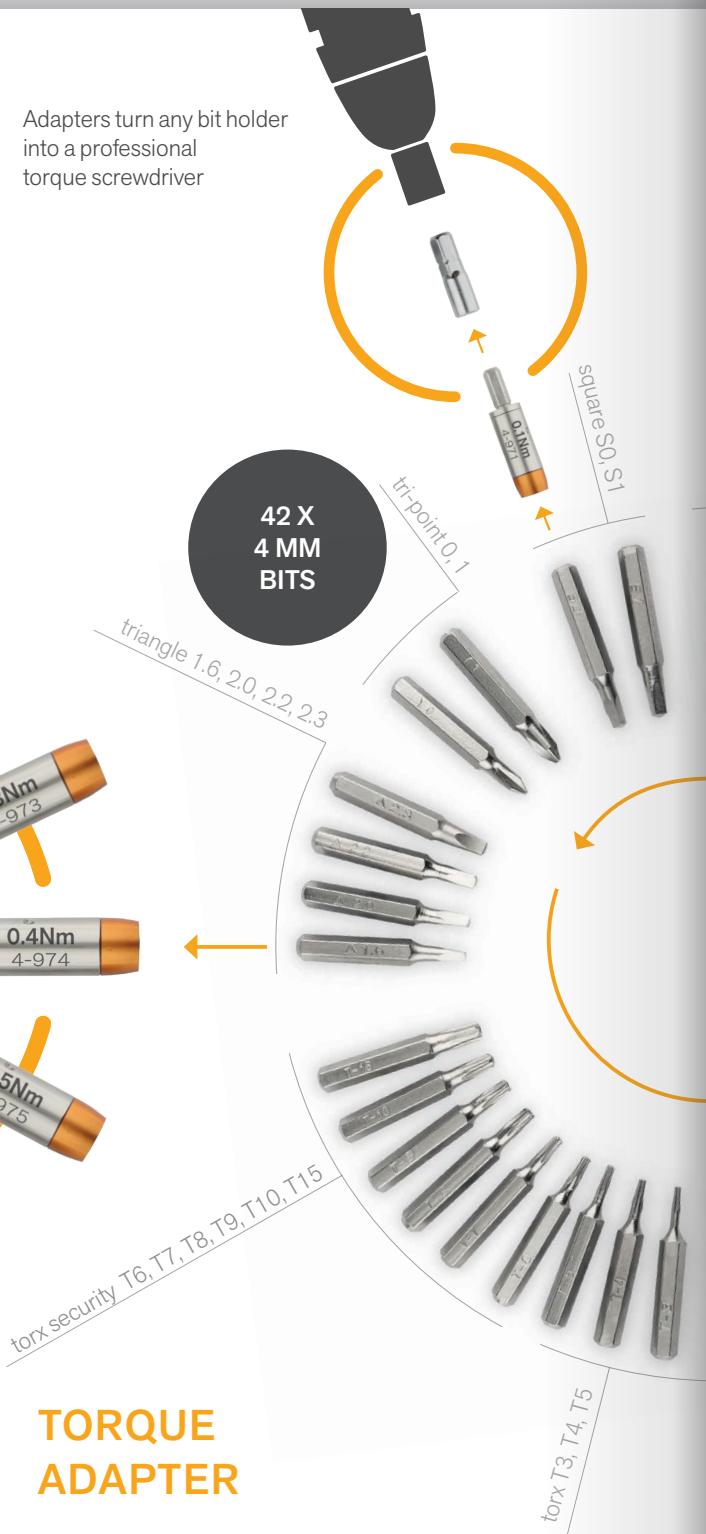
PRESET

torque
0.1 Nm - 0.7 Nm (4 mm)
0.6 Nm - 5.5 Nm (1/4")



- ▶ 20.000 CLICKS
- ▶ ±10 % NM-TOLERANCE
- ▶ MAX 100 RPM

Adapters turn any bit holder
into a professional
torque screwdriver



TORQUE ADAPTER

Turn your bits and a holder into your perfect torque tool. Can be conveniently combined with a preset torque for tightening or loosening. These precise fine tools are available from 0.1 to 5.5 Nm. Often as a complete solution for working on electronic devices, in quick-change systems, robot stations, aerospace, medical technology or simply on every workbench, wherever the exact torque is required.

The click sound indicates when torque is reached, so the adapter cannot be overtorqued. No torque is released when loosening screws (due to the locked core shaft), so no additional loosening tool is required.

TORQUE SCREWDRIVER

► 4-563

torque screwdriver

0.05 - 0.6 Nm with adapter

Aluminum handle with knurling, socket hex 1/4 inch (6,35 mm)

Tolerance: $\pm 6\%$, total length 100 mm, weight 111 g



The torque from 0.05 to 0.6 Nm can be set to the required size using a knurled screw, the set value can then be locked. When the set torque is reached there should be an audible click and a click should be felt. If this is not the case, please readjust the small screw so that the screwdriver clicks audibly. When not in use, return the torque-screwdriver back in starting position (0 Nm). This relieves the preload and prevents premature wear.

The torque screwdriver is a precision instrument. To ensure warranty, calibration must be performed regularly and is the responsibility of the owner. The recommended calibration interval is every 12 months and may be shorter depending on the application. The product is lubricated by the manufacturer for lifelong use and should not be additionally oiled. Ideally, always put it back in the box after using to keep dirt and moisture away. Never disassemble the torque screwdriver yourself. If you need to repair the torque screwdriver, please contact a qualified service station. An improper repair attempt can lead to damage to this instrument and then it no longer meets the requirements of DIN ISO 6789 and ASME 8107.300-2010.

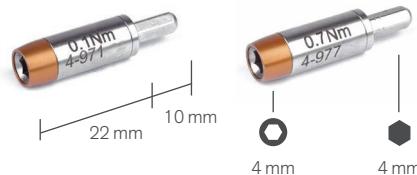
PRESET TORQUE ADAPTER

► Torque Adapter for 4 mm bits (5/32")

hex socket, hex drive, tolerance $\pm 10\%$

adapter Ø 8 mm, material stainless steel

total length 32 mm, weight 7,5 g



Art.-No.	NM	Kgfcm	in-lb	hex
4-971	0.1	1.0	0.9	4 mm
4-972	0.2	2.0	1.8	4 mm
4-973	0.3	3.1	2.7	4 mm
4-974	0.4	4.1	3.5	4 mm
4-975	0.5	5.1	4.4	4 mm
4-976	0.6	6.1	5.3	4 mm
4-977	0.7	7.1	6.2	4 mm

The clicking sound indicates when the torque has been reached so that the adapter cannot be over-tightened. When loosening screws there is no turning moment unlocking takes place, so no additional release tool is required.

Adapters are primarily suitable for manual operation. In connection with a power tool, we recommend a maximum speed of 100 rpm, with a minimum click repetition. Higher speed possible as a custom-made product, please contact us!

► Torque Adapter for 1/4 inch bits (6.35 mm)

hex socket, hex drive, tolerance $\pm 10\%$

adapter Ø 12 mm, material stainless steel

total length 38,3 mm, weight 21 g



Art.-No.	NM	Kgfcm	in-lb	hex
4-991-02	0.2	2.0	1.8	1/4"
4-991-03	0.3	3.1	2.7	1/4"
4-991-04	0.4	4.1	3.5	1/4"
4-991-05	0.5	5.1	4.4	1/4"
4-981	0.6	6.1	5.3	1/4"
4-982	0.9	9.2	8.0	1/4"
4-983	1.2	12.0	10.6	1/4"
4-984	1.4	14.0	12.4	1/4"
4-985	2.0	20.0	17.7	1/4"
4-985-5	2.5	25.5	22.1	1/4"
4-986	3.0	30.6	26.6	1/4"
4-986-5	3.5	35.7	31.0	1/4"
4-987	4.0	40.8	35.4	1/4"
4-987-5	4.5	45.9	39.8	1/4"
4-988	5.0	51.0	44.3	1/4"
4-988-5	5.5	56.1	48.7	1/4"

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