800/1 BDC bits, 0.8 x 5.5 x 25 mm

Bits for Slotted Screws



EAN:	4013288033949	**Size:**	25x7x7 mm
Part number:	05056172001	**Weight:**	5 g
Article number:	800/1 BDC	**Country of origin:**	CZ
		Customs tariff number:	82079030

- For slotted screws
- BiTorsion zone to absorb peak loads
- Considerable reduction in the risk of breakage, significant increase in service life
- Diamond coating for a secure fit in the screw, literally bites into the screwhead to prevent cam-out
- 1/4" hexagon drive (Wera connecting series 1)
- Take it easy tool finder: colour coding according to profile and size

Bits for slotted screws with tiny diamond particles on the bit tip. This ensures a secure fit of the bit in the screw, reduces the contact pressure required and lowers the risk of slipping. Comes with Torsion zone - where kinetic energy is diverted from peak loads - and softer BiTorsion zone to prevent the bit tip from twisting under peak loads. This greatly extends the product service life; ¼" hexagon, suitable for holders as per DIN ISO 1173-D 6.3.

Web link
https://products.wera.de/en/bits_holders_adaptors_and_sets_the_range_of_bits_bits_for_slotted_screws_800_1_bdc.html

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BiTorsion Bits



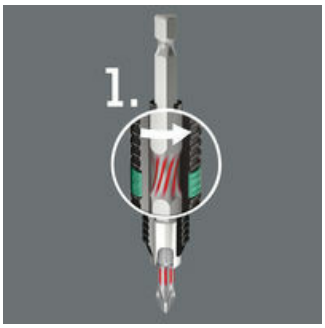
Peak forces that occur in power tool applications often result in premature wear of bits or damage to the screw head. This usually occurs during initial power-up and the when the screw comes to a standstill. Screwdriving could become more productive and safer if these peak loads could be minimised. The Wera BiTorsion system prevents premature wear. The service life of the tool is extended and the productivity of power tool applications significantly increased.

Two cushioning torsion zones



The effectiveness of the BiTorsion system comes from a combination of two shock-absorbing spring elements. Both, bits as well as holders have a cushioning torsion zone that diverts the kinetic energy away from the drive tip during peak loads.

BiTorsion phase 1



The torsion spring integrated into the unique BiTorsion holder absorbs lower levels of peak loads (Phase 1). Any overloading of this spring is effectively prevented by means of a supporting mechanism.

BiTorsion phase 2



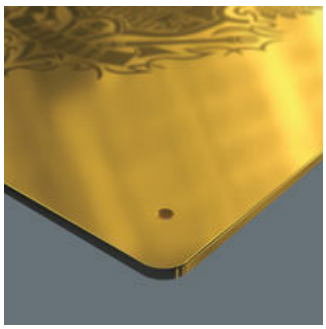
Higher peak loads are minimised through the torsion effect of the bit shaft (Phase 2). This effect is achieved with a specific heat treatment after the hardening process of the bits. This reduces the hardness of the shaft in comparison to the drive tip.

Secure fit in the screw head



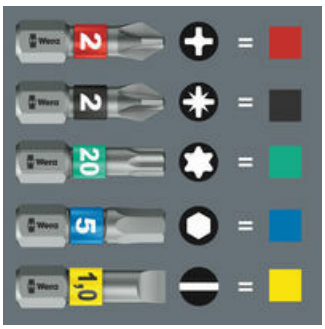
Today, the Wera diamond bit - manufactured with the technology specifically developed by Wera for this application - still sets the standard in terms of resilience and functionality. Wera bits with a diamond coating ensure a secure fit of the bit in the screw head.

Perfect fit



Ideal for sensitive materials

“Take it easy” tool finder



"Take it easy" tool finder with colour coding according to profiles and size stamp - for simple and rapid accessing of the required tool.

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Further versions in this product family:

	 mm	 mm	 mm	 inch
05056172001	**0.8**	**5.5**	**25**	**1"**
05056174001	1.0	5.5	25	1"
05056176001	1.2	6.5	25	1"

Web link
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