851/4 BDC bits, PH 1 x 50 mm

Bits for Phillips Screws



EAN:	4013288034090	**Size:**	50x7x6 mm
Part number:	05059530001	**Weight:**	10 g
Article number:	851/4 BDC PH	**Country of origin:**	CZ
		Customs tariff number:	82079030

- For Phillips 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 4)
- Take it easy tool finder: colour coding according to profile and size

BiTorsion bits for Phillips 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-F 6.3.

Web link
https://products.wera.de/en/bits_holders_adaptors_and_sets_the_range_of_bits_bits_for_phillips_screws_851_4_bdc_ph.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.

Diamond-coated Bits



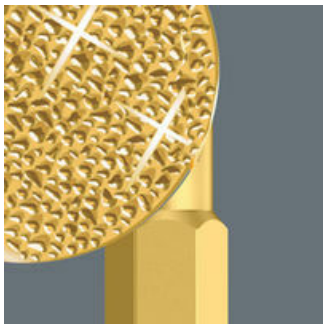
One of the greatest problems with power tool applications is that the conventional bit easily slips out of the head of the screw (cam-out). This often destroys both the head of the screw and the tool. High resulting costs are incurred e.g. from damaged surfaces and screw connections that can no longer be loosened. Screwdriving will become safer and more economic if this problem of slipping can be minimised.

Secure fit in the screw head



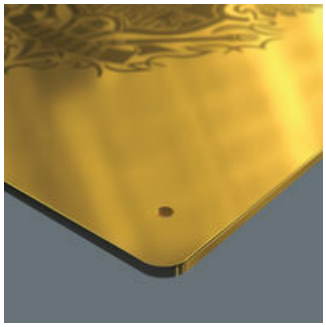
Today, the Wera diamond bit - manufactured with the technology specifically developed by Wera for this application - still sets the standard in terms of resilience and functionality. Wera bits with a diamond coating ensure a secure fit of the bit in the screw head.

Reduced cam-out forces



The minute diamond particles applied to the tip of the tool literally "bite" into the screw and ensure an exact, anti-slip fit in the head of the screw. This secure fit protects the screw. The cam-out forces which compel the user to apply greater pressure to the screw are considerably reduced.

Perfect fit



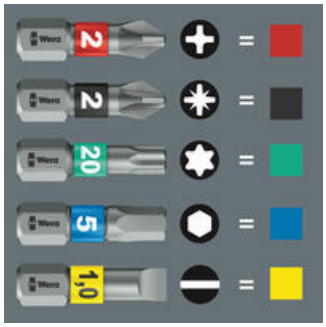
Ideal for sensitive materials

Prevents premature wear



The optimally coordinated features of the torsion zones on the bit and holder permit a phased yield when under strain. The two-phase system prevents premature wear. Moreover, a long tool service life is also ensured by the hardness of the bits that matches the respective application.

“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.

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.

Web link
https://products.wera.de/en/bits_holders_adaptors_and_sets_the_range_of_bits_bits_for_phillips_screws_851_4_bdc_ph.html

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Further versions in this product family:

		mm	inch
05059530001	**PH 1**	**50**	**2"**
05059532001	PH 2	50	2"
05059534001	PH 3	50	2"

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