

# 165 i PZ VDE Insulated screwdriver for Pozidriv screws, PZ 1 x 80 mm

Kraftform Plus – Series 100 VDE



**EAN:** 4013288029836  
**Part number:** 05006162001  
**Article number:** 165 i PZ VDE

**Size:** 178x33x33 mm  
**Weight:** 56 g  
**Country of origin:** CZ  
**Customs tariff number:** 82054000

- Insulated VDE blades for secure work at 1,000 volts
- Smooth hard zones for high speed turning, soft grip zones for high torque transfer
- Take it easy tool finder: colour coding according to profile and size
- Hexagonal anti-roll feature against rolling away
- Lasertip tips for more secure fit in the screw head

Wera VDE screwdrivers with multi-component Kraftform Plus handle for fast and low-fatigue working: hard gripping zones for high working speeds whereas soft zones ensure high torque transfer. Individually tested in water bath at 10,000 volts for secure work at the permissible voltage of 1,000 volts. "Take it easy" tool finder with colour coding according to profiles and size stamp – for simple and rapid accessing of the required tool. The hexagonal anti-roll feature prevents any bothersome rolling away at the workplace.

## Web link

[http://products.wera.de/en/vde\\_tools\\_kraftform\\_plus\\_series\\_100\\_vde\\_165\\_i\\_pz\\_vde.html](http://products.wera.de/en/vde_tools_kraftform_plus_series_100_vde_165_i_pz_vde.html)

Wera - 165 i PZ VDE  
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Kraftform Plus – Series 100 VDE

Individually tested



Our screwdrivers are tested for dielectric strength under a 10,000 volt load to make sure that their most important property, their insulation, has been exhaustively tested. Each individual Wera VDE screwdriver is subjected to this test to guarantee safe working up to 1,000 volts.



The individual testing at 10,000 volts, in accordance with IEC 60900, ensures safe working with loads up to 1,000 volts.

Impact strength test



Impact strength tested at  $-40^{\circ}\text{C}$ , guaranteeing safety even under extreme conditions.

Lasertip



A precisely-focused laser creates a sharp-edged surface structure. This laser treatment results in an edge hardness of up to 1000 HV 0.3. Wera Lasertip “bites” itself into the screw head and prevents any slips out of the recess. It is available for screwdrivers for slotted, Phillips and Pozidriv screws.

Multicomponent Kraftform handle



Wera produces the Kraftform handle out of several materials with different properties. A resistant plastic is used for the core which ensures that the blade is held securely even under high strain. A softer material is used for the coloured soft zones, which provides high frictional resistance and allows the transfer of high forces – resulting in less required screwdriving effort. The red sections with their hard surfaces prevent any “sticking” of the hand to the handle, making rapid repositioning of the hand possible.

Prevents hand injuries



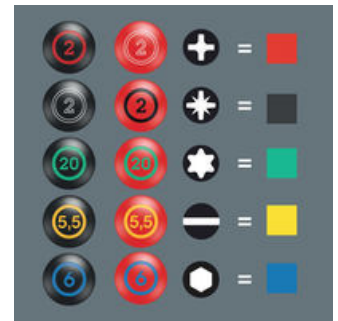
The outstanding design of the Kraftform handle that fits perfectly into the hand prevents hand injuries such as blisters and calluses.

Rapid hand repositioning



The hard materials used for the handle ensure rapid hand repositioning without any danger of the skin “sticking” to the handle. The surrounding hard zones with large diameters glide like wheels across the hand.

“Take it easy” Toolfinder



Screwdrivers with “Take it easy” tool finder: colour coding according to profile and size stamp.





Web link

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Further versions in this product family:

		 mm	 mm	 inch
05006160001 <sup>1)</sup>	PZ 0	80	81	3 1/8
<b>05006162001</b>	<b>PZ 1</b>	<b>80</b>	<b>98</b>	<b>3 1/8</b>
05006163001	PZ 1	150	98	6
05006164001	PZ 2	100	105	4
05006165001	PZ 2	200	105	8
05006166001	PZ 3	150	112	6
05006168001 <sup>1)</sup>	PZ 4	200	112	8

1) without Lasertip

**Web link**

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