

## ADJUSTMENT SCREWDRIVERS MADE OF ZIRCONIA/CERAMIC

### ► Adjustment tools for ESD areas.

Ceramic bits meets the highest demands due to their excellent mechanical and thermal properties. The zirconium oxide material's hardness and breaking strength enables the manufacture and use of even the smallest dimensions with the highest possible resistance to wear. In addition to standard blades, we also manufacture special shapes at the customer's request.

### ► Ceramic – the long-lasting material

Zirconium oxide is a highly wear-resistant ceramic (zirconium), tetragonal ZrO<sub>2</sub>, Y<sub>2</sub>O<sub>3</sub> and partially stabilised. Physical properties at room temperature: Flexural strength 800 N/mm<sup>2</sup>, elastic modulus 2x10<sup>5</sup> N/mm<sup>2</sup> Density 6.05 g/cm<sup>3</sup>, hardness 1350HV, field of application up to 800 °C, coefficient of thermal expansion 10 x 10<sup>-6</sup> K<sup>-1</sup> Thermal conductivity 2 W/mK, insulating electrical resistance.

### ► Ceramic adjustment screwdriver

ESD handle with rotating cap  
Dissipative between 10<sup>6</sup> and 10<sup>9</sup> ohm  
Total length: 100 mm, weight: 10 g



The following types are available, specifications in mm:

Art.-No.	Symbol	Size / drive	Blade length	Blade width	Blade thickness	Blade diameter	Handle length	Total length	Weight in g
1-851	⊖	–	20	0.9	0.3	3	80	100	10
1-852	⊖	–	20	1.3	0.3	3	80	100	10
1-853	⊖	–	20	1.5	0.3	3	80	100	10
1-854	⊖	–	20	1.8	0.3	3	80	100	10
1-855	⊖	–	20	1.95	0.35	3	80	100	10
1-856	⊖	–	20	2.5	0.7	3	80	100	10
1-857	⊖	–	20	3	0.3	3	80	100	10
1-858	⊖	–	20	3	0.7	3	80	100	10
1-861	⬢	1,95	20	–	–	3	80	100	10
1-862	⬢	2,45	20	–	–	3	80	100	10
1-864	⊕	PH000	20	–	–	3	80	100	10
1-865	⊕	PH00	20	–	–	3	80	100	10
1-866	⊕	PH0	20	–	–	3	80	100	10
1-867	⊕	–	20	2.4	0.8	3	80	100	10



1-750

## HANDLES FOR CERAMIC ADJUSTMENT BITS

### ► 1-725

#### Adjustment screwdriver handle 80 mm plastic

Synthetic material, insulating, extra hard, sturdy  
 Plastic handle with rotating cap for blades Ø 3 mm  
 Total length: 80 mm, weight: 5 g



1-725

### ► 1-735

#### Adjustment screwdriver handle double-sided 100 mm plastic

Synthetic material, insulating, extra hard  
 Plastic handle with rotating cap for blades Ø 3 mm, usable on both sides  
 Total length: 100 mm, weight: 6 g



1-735

### ► Ceramic adjustment bits for insertion

Bits for Art.-No. 1-725 and 1-735

The following types are available, specifications in mm:



Art.-No.	Symbol	Size / drive	Blade length	Blade width	Blade thickness	Blade diameter	Handle length	Total length	Weight in g
<b>HARD PLASTIC</b>									
1-738		—	32	1.5	0.5	3	—	32	1
1-739		—	32	3	0.5	3	—	32	1
<b>CERAMIC (zirconia)</b>									
1-751		—	32	0.9	0.3	3	—	32	1
1-752		—	32	1.3	0.3	3	—	32	1
1-753		—	32	1.5	0.3	3	—	32	1
1-754		—	32	1.8	0.3	3	—	32	1
1-755		—	32	1.95	0.35	3	—	32	1
1-756		—	32	2.5	0.7	3	—	32	1
1-757		—	32	3	0.3	3	—	32	1
1-758		—	32	3	0.7	3	—	32	1
1-761		1.95	32	—	—	3	—	32	1
1-762		2.45	32	—	—	3	—	32	1
1-763		2.6	32	—	—	3	—	32	1
1-764		PH000	32	—	—	3	—	32	1
1-765		PH00	32	—	—	3	—	32	1
1-766		PH0	32	—	—	3	—	32	1
1-767		—	32	2.4	0.8	3	—	32	1

### ► 1-750

#### Ceramic adjusting screwdriver set 13 pcs

In plastic case, weight: 750 g

Art.-No.	Content	Art.-No.	Content
1-750-0	Hinged lid box empty	1-761	Ceramic blade (Bit) hex blade 1.95 x 32 mm
1-735	Adjustment screwdriver handle double-sided 100 mm plastic	1-762	Ceramic blade (Bit) hex blade 2.45 x 32 mm
1-751	Ceramic blade (Bit) slot blade 0.9 x 0.3 x 32 mm	1-765	Ceramic blade (Bit) cross-recess PH00
1-752	Ceramic blade (Bit) slot blade 1.3 x 0.3 x 32 mm	1-766	Ceramic blade (Bit) cross-recess PH0
1-753	Ceramic blade (Bit) slot blade 1.5 x 0.3 x 32 mm	1-767	Ceramic blade (Bit) Cross 2.4 x 0.8 mm
1-754	Ceramic blade (Bit) slot blade 1.8 x 0.3 x 32 mm		
1-755	Ceramic blade (Bit) slot blade 1.95 x 0.35 x 32 mm		
1-756	Ceramic blade (Bit) slot blade 2.5 x 0.7 x 32 mm		
1-757	Ceramic blade (Bit) slot blade 3 x 0.3 x 32 mm		