

ADJUSTMENT SCREWDRIVERS MADE OF ZIRCONIA/CERAMIC

► Adjustment tools for ESD areas.

Ceramic bits meet 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 ZrO₂, Y₂O₃ and partially stabilised.

Physical properties at room temperature: Flexural strength 800 N/mm², elastic modulus 2x10⁵ N/mm²

Density 6.05 g/cm³, hardness 1350HV, field of application up to 800 °C, coefficient of thermal expansion 10 x 10⁻⁶ K⁻¹

Thermal conductivity 2 W/mK, insulating electrical resistance.

► Ceramic adjustment screwdriver

ESD handle with rotating cap

Dissipative between 10⁶ and 10⁹ 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