

Polishing discs and burs for zirconia



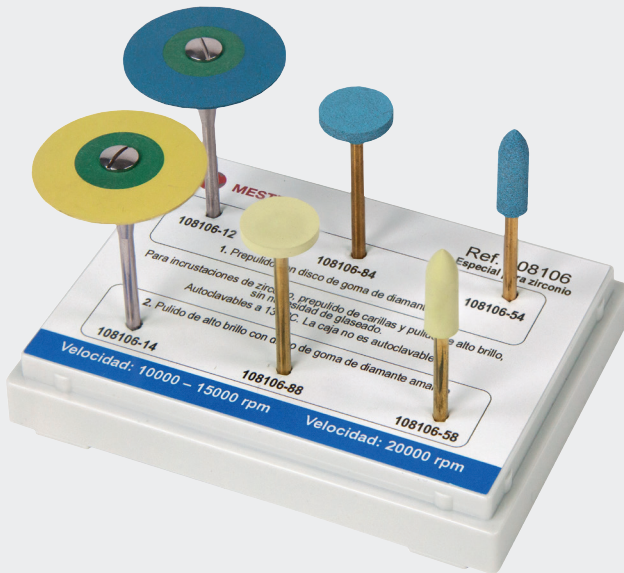
MESTRA

Talleres Mestraitua SL
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We present two kits of diamond discs and burs, specially designed for pre-polishing and high-gloss polishing of zirconia inlays and veneers, without the need for glazing, polishing paste or water cooling. They are autoclavable at 135°C (but not

their presentation box), their shanks have a standard diameter of 2.35 mm and a recommended working speed of between 10 000 and 15 000 rpm, 20 000 maximum for diamond rubber and 25 000 maximum for diamond ceramic.

2-STEP KIT REF. 108106 PRE-POLISHING AND FINE POLISHING ▼



REF. 108106-12
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 26 × 2 mm
 Max. Speed 20 000 rpm



REF. 108106-14
 Diamond rubber
 Extra-fine grain • Fine polishing
 Bur Ø 26 × 2 mm
 Max. Speed 20 000 rpm



REF. 108106-84
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 12 × 2 mm
 Max. Speed 20 000 rpm



REF. 108106-88
 Diamond rubber
 Extra-fine grain • Fine polishing
 Bur Ø 12 × 2 mm
 Max. Speed 20 000 rpm

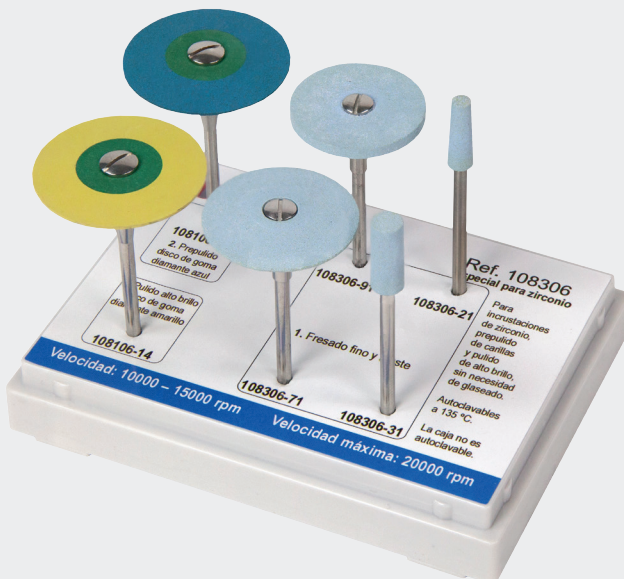


REF. 108106-54
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 5 × 16 mm
 Max. Speed 20 000 rpm



REF. 108106-58
 Diamond rubber
 Extra-fine grain • Fine polishing
 Bur Ø 5 × 16 mm
 Max. Speed 20 000 rpm

3-STEP KIT REF. 108306 FINE GRINDING, PRE-POLISHING AND FINE POLISHING ▼



REF. 108106-12
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 26 × 2 mm
 Max. Speed 20 000 rpm



REF. 108106-14
 Diamond rubber
 Extra-fine grain • Fine polishing
 Bur Ø 26 × 2 mm
 Max. Speed 20 000 rpm



REF. 108306-91
 Diamond ceramic
 Med. grain • Fine grinding and adjusting
 Bur Ø 22 × 2 mm
 Max. Speed 25 000 rpm



REF. 108306-71
 Diamond ceramic
 Med. grain • Fine grinding and adjusting
 Bur Ø 22 × 2.5 mm
 Max. Speed 25 000 rpm



REF. 108306-31
 Diamond ceramic
 Med. grain • Fine grinding and adjusting
 Bur Ø 5 × 13 mm
 Max. Speed 25 000 rpm



REF. 108306-21
 Diamond ceramic
 Med. grain • Fine grinding and adjusting
 Bur Ø 4 × 13 mm
 Max. Speed 25 000 rpm

OPTIONAL BURS

PRE-POLISHING, FINE GRINDING AND ADJUSTING ▼



REF. 108000-11
 Diamond rubber
 Extra-coarse grain • Pre-polishing
 Bur Ø 26 × 2 mm
 Max. Speed 20 000 rpm



REF. 108000-86
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 12 × 2 mm
 Max. Speed 20 000 rpm



REF. 108000-64
 Diamond rubber
 Coarse grain • Pre-polishing
 Bur Ø 6 × 16 mm
 Max. Speed 20 000 rpm



REF. 108000-81
 Diamond ceramic
 Med. grain • Fine grinding and adjusting
 Bur Ø 17 × 3.5 mm
 Max. Speed 25 000 rpm



Management System
 ISO 9001:2015

www.tuv.com
 ID 1100018003

Zirconia

Zirmes



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SHT-ML MULTILAYER

Create the best smile with highest flexibility ▼



Indication						
Inlay-Onlay	Reduced crown	Full contour crown	Coping	Full contour anterior bridge (3 units)	Full contour posterior bridge (3 units)	Full contour bridge (≤14 units)

Flexural strength (3 point) 900-1100 MPa • Translucency 43-46% • Vickers Hardness HV10 1300 ± 50



ST PRE-SHADED

Create the best smile with speed ▼



Indication					
Inlay-Onlay	Full contour crown	Coping	Full contour anterior bridge (3 units)	Full contour posterior bridge (3 units)	Full contour bridge (≤14 units)

Flexural strength (3 point) 1250 ± 100 MPa • Translucency 43% • Vickers Hardness HV10 1300 ± 50



HT WHITE

Create the unwavering smile: the economical solution ▼

Indication						
Inlay-Onlay	Full contour crown	Coping	Full contour anterior bridge (3 units)	Full contour posterior bridge (3 units)	Full contour bridge (≤14 units)	Abutment

Flexural strength (3 point) > 1400 MPa • Translucency 42% • Vickers Hardness HV10 1300 ± 50

Microwave oven

for zirconia

Contrary to conventional ovens, heat is generated at all points of the structure, so temperature is achieved in a much more uniform way, achieving a cleaner and more resistant sintered structure.

The total sintering time in the fastest program is about 4 hours, sintering 110 minutes (up to 1550°C) and cooling for 130 minutes.

- ✓ Very low consumption 800-1100 W
- ✓ Smaller than conventional ovens
- ✓ Extremely easy to operate



Ref. 080114

Specifications

Height 547 mm • Width 440 mm • Depth 385 mm • Weight 31 kg
 Power 2000 W • Supply AC 230 V 50 Hz • Max. Temperature 1550°C