



COMBIBOND BST TRIUMPH

Ceramic bonding alloy CoCr basis

For classic veneer ceramics

- for all indications in the crown and bridge technology
- ideal for telescopic and full-cast crowns
- biocompatible and corrosion-resistant
- easy to finish and polish
- suitable for laser welding
- according to ISO 22674, free from beryllium and cadmium

Technical data	
Composition %	Co ~60 Cr 25 W 9.0 Nb 2.0 V 1.0 Mo 1.0 Si 1.0 Fe, Mn 1 C 0.1
EN ISO 22674	Type 5
RP 0,2 [N/mm ²]*	510
Tensile strength [N/mm ²]*	790
Elongation [A5 %]*	> 5
Vickers hardness HV 10	> 280
E module [kN/mm ²]*	8.4
Density [g/cm ³]	14.2
Melting range [°C]	1285-1380
CTE (20-600 °C) [μ/K]	960 (2 min i. vac.)
Supply form	cylinder

120 g (REF 4030)

1000 g (REF 4035)



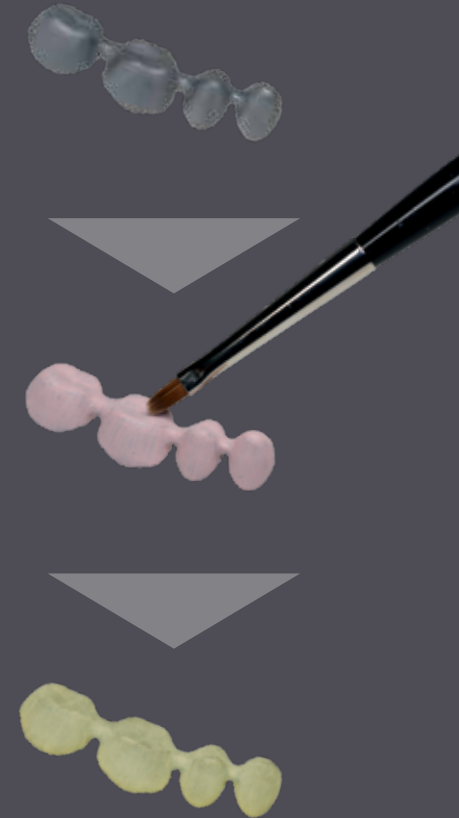
MC-BONDER

Paste opaquer

For warm colouring and opacity on Non-precious and precious metal dental alloys

- easy to use in sealable syringe
- easy and quick application with brush
- reliably covers dark metal oxides in the marginal area
- best adhesive bond between ceramic and alloy

2 ml syringe (REF 4010)





COMBIBOND LASER WELDING WIRE

CoCr based alloy as wire

For homogeneous and tension-free welding seams

- special carbon-free composition
- suited for welding Combilium BSM and Combibond BST Triumph
- Please observe the manufacturer's information on the laser welding unit

Technical data	
Composition %	Co ~65 Mo ~5 Cr ~28 C 0.25 Mn, Si, Fe 2

Reel 2 m Ø 0.35 mm (REF 4085)

Reel 2 m Ø 0.50 mm (REF 4090)



COMBIBOND LOT 7

Special solder

For soldering model casting alloys

Technical data	
Composition %	Au 79.8 Ni 15.8 Zn 4.4
Colour	silver
Working temperature	approx. 930 °C

5 g reel (REF 1000 029)



COMBIBOND LOT 2 + LOT 5

Special solders

For soldering ceramic bonding alloys

Combibond lot 2: before the ceramic firing

Technical data	
Composition %	Au 72.0 Pd 12.5 Ag 4.0 Cu 8.1 Zn 2.0 In 1.3 Fe 1
Colour	silver
Working temperature	approx. 1060 °C

Combibond lot 5: after the ceramic firing

Technical data	
Composition %	Au 73.2 Pt 1.8 Ag 10.6 Cu 3.0 Zn 11.4
Colour	light yellow
Working temperature	approx. 750 °C

Lot 2 - 5 g reel (REF 1000 011)

Lot 5 - 5 g reel (REF 1000 014)