

CopraBond K CoCr milling blank

Coprabond K is a nickel- and beryllium free chrome-cobalt blank, specially designed for CAD/CAM applications. The material is very homogenous and lends itself to machining extremely good - either by milling or laser welding.

veneer porcelain: all standard veneering porcelains with a thermal coefficient rate of 13,9-14,9 for non precious chrome cobalt alloys.

technical data

composition:	Co 61,0% Cr 28,0% W 8,5% Mn 0,25% Fe <0,5% Si 1,65% C <0,1
density:	8,3g / cm ³
vickers hardness:	285 HV 10
modul of elasticity:	190.000 MPa (N/mm ⁻²)
thermal coefficient rate:	14,1 µm/K (20 - 600°C)
fracture strain:	10%
CE-mark:	CE 0483

CopraBond K meets the standards: DIN EN ISO 22674:2006, Typ 4.
manufacturing and testing according to DIN EN ISO 13485 / DIN EN ISO 9001:2000
under Directive 93/42/EEC Annex V MP

