

Infogramm[®]

Characteristics	Spring hard, easy-to-process alloy for all areas of the cast partial denture technique. High fracture elongation ensures easy clasp activation without risk of fracture.	
Indication	Cast partial denture and combination technique for high strength frameworks	
Product advantages	■ very good processing properties thanks to reduced surface hardness ■ excellent clasp activation ■ no risk of clasp fractures ■ mirror effect indicates the right casting moment ■ very good laser welding properties since it is carbon-free	

Composition:
in percent by mass

Co	Cr	W	Si
61	28	8	1.5

Additional elements < 1 %: N, Mn, C

Technical data:
according to
ISO 22674

Yield strength R _{p 0.2} (MPa)	600	(type 5)
Tensile strength R _m (MPa)	800	
Modulus of elasticity (GPa)	190	
Hardness (HV ₁₀)	280	
Fracture elongation A ₅ (%)	11.0	
Solidus T _s (°C/ °F)	1320	
Liquidus T _l (°C/ °F)	1420	
Density g/cm ³	8.6	
Elasticity	spring hard	
Activation	+++	
Melting	+++	
Mirror effect	yes	
Finishing and polishing	+++	
Laser welding	+++	
Soldering with CoCr solder REF 102-306-00	++	
Investment material	rema [®] dynamic S rema [®] Exakt F, rema [®] Exakt	

+++ = excellent ++ = very good

Certification mark

CE 0483

Sales unit

REF 102-280-10 1000 g

