

Zertifikat

PRODUCT NAME: **Tener IT**

DESCRIPTION: Non-precious-model cast alloy on cobalt-base, Type 5, suitable for laser

DIMENSIONS: Ø 8 mm x 15 mm

LOT / CHARGE-NO.: W 15-06



CHEMICAL COMPOSITION:

Co %	Cr %	Mo %	W %	Mn %	Si%	C %
62,545	28,07	5,80	0,74	0,59	0,39	0,16
Fe %	Sonstige Elemente %					
0,63	< 0,50					

NOTES REGARDING THE CHEMICAL COMPOSITION:

Determination, volume and validity of the chemical composition according to EN 10 204 – 3.1

TYPICAL Technical Data:

Yield strength 0,2 %* ¹ :	> 500 MPa
Elongation* ¹ :	> 2 %
Tensile Strength:	900 MPa
Density:	8,3 g/cm ³
Youngs modulus* ¹ :	> 150 GPa
Melting Point (Solidus/Liquidus)*:	1370 °C / 1405 °C
Casting temperature:	1505 °C
Hardness*:	< 360 HV 10

*1 by Norm *Excel-List Tess MP

NORM: **DIN EN ISO 22674:2006**
ED GmbH is certified according to
DIN EN ISO 13485 / DIN EN ISO 9001:2008
with appendix V MP-recommendation 93/42/EWG

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Erstellt 07.04.2015 mf