

Zapp is Certified to ISO 9001

Datasheet CoCrW Premium (Nickel Free)

- CAD/CAM blank
- Premium Condition
- DIN EN ISO 22674 – Type 5

Typical Fields of Application

- Surgical Instruments
- Cutting Tools, e.g. Scissors, Doctor Blades
- Bone Cutters, Burrs
- Medical Screwdrivers
- Dental Instruments, e.g. Cutters, Burrs and Currettes

Valid Norms

Special Alloy

Application

- Medical
- Dental

Finish

Machined surface

Diameter

> 98 – 100 mm

Shape

- Round
- Round with step
- Acc. drawing

Tolerances

Different tolerances on agreement

Thickness

- 8.00 / 10.00 / 12.00 / 13.50 / 14.00 / 15.00 / 16.00 / 17.50 mm up to 28.00 mm, all others on request

Hardness

HV10: 240 - 290

Mechanical Properties

Middle lin. CTE 25-500°C [µm: m-K] 14.30

Typical Chemical Composition *

C	Cr	W	Si	Fe	Mn	N	Nb	C	Mo	Ni
59.0 - 60.0	29.0	9.0	1.53	0.15	0.23	0.25	0.20	0.01	0.02	0.03

* Average in mass-%

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