



METAL & ENGINEERING SOLUTIONS

## TECHNICAL DATA SHEET

### MATERIAL DESCRIPTION

---

Material Alloy: CuCo2Be

Material Standard: CW104C , 2.1285

### CHEMICAL COMPOSITION

---

Element	Fe	Ni	Co	Be	Other	Cu
Composition %	max 0.2	max 0.3	2-2.8	0.4 - 0.7	total 0.5	Rest

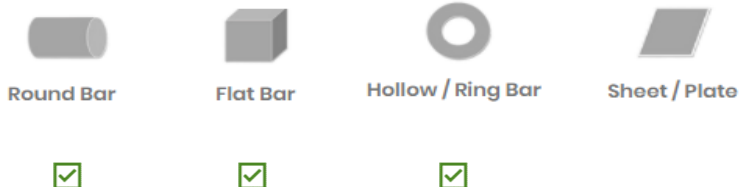
### MECHANICAL COMPOSITION

---

Rm - Tensile strength	240
Rm - Tensile strength	480
R <sub>p0.2</sub> 0.2% proof strength	220
R <sub>p0.2</sub> 0.2% proof strength	370
Min. elongation Lo = (%)	20
A - Min. elongation Lo = (%)	2
Hardness (HB)	210-230

### SHAPES

---



Optima Metal & Engineering Solutions SRL

Web:[www.optimametals.com](http://www.optimametals.com)

Mail:[info@optimametals.com](mailto:info@optimametals.com)

Phone:+40731277776

Sos. Bucuresti-Urziceni,nr. 17, H1, M11, Afumati, Ilfov / Romania 077010