

Nickel Silver

CuNi12Zn24

CuNi18Zn20

Material - No.	DIN / EN	CW403J	CW409J
	UNS	G10060	C76400
Nominal Composition	[%]	12 Ni 24 Zn Rest Cu	18 Ni 20 Zn Rest Cu
Conductivity ²	[m/(Ohm mm ²)]	4,1	2,9
Conductivity ²	[% IACS]	7	5
Thermal Conductivity ²	[W/(mK)]	42	33
Coefficient of Thermal Expansion ³	[10 ⁻⁶ /K]	16	16
Tensile Strength annealed	[N/mm ²]	460	490
Elongation annealed	[%]	30	30
Tensile Strength hard	[N/mm ²]	740	780
Density	[g/cm ³]	8,7	8,8

1) Nominal data for diameter 0,8 mm

2) At 20° C

3) Temperature range 20 - 200° C