

Havar® Disk

Formula: Co42.5/Cr20/Ni13/Fe/W/Mo/Mn

Temper: As Rolled

Thickness: 0.035mm

Diameter: 10mm

UOM Code: 022-033-44

SKU: 1000002669-group

Product Code: CO01-FL-000160

Material Properties for Alloys

Mechanical Properties

Element	Value
Elongation at break(%)	1
Modulus of elasticity(GPa)	200-210
Tensile strength(MPa)	960-970

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	92
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	1480
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	13@23°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	12.5@0-50°C

Physical Properties

Element	Value
Density(gcm^{-3})	8.3