



## C260 Cartridge Brass Alloy Wire

Alloy C260 is commonly used for electrical components, electronic parts, and mechanical fasteners. The alloy has good strength but poor stress relaxation characteristics and does not make a particularly good spring material. Although it has good conductivity, the solderability of the alloy is severely impaired by its high zinc content.

Mechanical Properties				
Round Wire				
TEMPER NAME	TEMPER CODE	TENSILE STRENGTH (ksi)		MILL LIMITS
		MIN	MAX	
1/8 Hard	H00	50	65	.0010 - .1285 inch
1/4 Hard	H01	62	77	
1/2 Hard	H02	79	94	
3/4 Hard	H03	92	107	
Hard	H04	102	117	
Extra Hard	H06	115	129	
Spring	H08	120		
Square Wire				
TEMPER NAME	TEMPER CODE	TENSILE STRENGTH (ksi)		MILL LIMITS
		MIN	MAX	
1/8 Hard	H00	50	65	.0100 - .0808 inch
1/4 Hard	H01	62	77	
1/2 Hard	H02	79	94	
3/4 Hard	H03	92	107	
Hard	H04	102	117	
Extra Hard	H06	115	129	
Spring	H08	120		
Rolled Flat				
TEMPER NAME	TEMPER CODE	TENSILE STRENGTH (ksi)		MILL LIMITS
		MIN	MAX	
1/4 Hard	H01	49	59	Thickness: .0100 - .0500 inch Width: .0150 - .2500 inch
1/2 Hard	H02	57	67	
3/4 Hard	H03	64	74	
Hard	H04	71	81	
Extra Hard	H06	83	92	
Spring	H08	91	100	

**Custom constructions are available, please contact the sales department**

The information provided on this page is for reference purposes only.

Fisk Alloy Wire, Inc. • P.O. Box 26 • 10 Thomas Road • Hawthorne, NJ 07507 U.S.A.  
Phone: 855-4PERCON (855-473-7266) • Fax (973) 427-4585 • E-mail: sales@fiskalloy.com

<b>Physical Properties</b>	
Melting Point (Liquidis)	1750°F
Melting Point (Solidus)	1680°F
Density	0.308 lbs/cu in
Electrical Resistivity (Annealed)	37 ?(cir mil/ft) @ 68°F
Electrical Conductivity (Annealed)	28% IACS @ 68°F
Thermal Conductivity (Solutionized-Aged)	70 Btu ft/sq ft hr °F @ 68°F
Coefficient of Thermal Expansion	0.0000111°F (68-572°F)
Modulus of Elasticity (Tension)	16000 ksi
Modulus of Rigidity	6000 ksi

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