

Metal Densities

Metal	Notations	Alloy	Density
Aluminum Alloys	99.996%		0.098
		1100	0.098
		2011	0.102
		2014	0.101
		2024	0.100
		2219	0.103
		3003	0.099
		3004	0.098
		4032	0.097
		4043	0.097
		5005	0.098
		5050	0.097
		5056	0.095
		5052	0.097
		5083	0.096
		5086	0.096
		5154	0.096
		5357	0.098
		5456	0.096
		6061	0.098
	6063	0.098	
	6068	0.097	
	6101	0.098	
	6151	0.098	
	7075	0.101	
	7079	0.099	
	7178	0.102	
Beryllium Coppers	25	C17200	0.302
		C17300	0.302
		C17000	0.304
	3	C17510	0.319
	10	C17500	0.319
		C17410	0.318
	190		0.302
Beryllium Nickel	360		0.294
Brasses	Red Brass	230	0.316
	Low Brass	240	0.313
	Yellow	260	0.306
	Cartridge Brass	268	0.308
Carbon Steels	(typical)		0.283
Chromium	Cr		0.260
Cobalt	Co		0.322
Copper Alloys	pure		0.324
	OFE Copper	101	0.323
	OF Copper	102	0.323
	ETP Copper	110	0.321
	Tin/Bearing Copper	14420	0.323
	ZHC Copper	151	0.323
	HSM Copper	194	0.322
	Strescon Copper	195	0.322

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Copper Alloys (cont)	High Performance Cu	197	0.321
Glidcop			0.323
Gold	Au		0.698
HyMu	80		0.316
Inconel	X750		0.298
Invar			0.289
Iron	Fe		0.284
Kovar			0.302
Magnesium	Mg		0.063
Manganese	Mn		0.263
Molybdenum	Mo		0.369
Monel			0.323
Nickel	Ni		0.322
Nickel-Iron Alloys	Alloy 42	A42	0.293
	Alloy 50	A50	0.300
Nickel Silvers	65-18	752	0.316
	55-18	770	0.314
	65-12		0.314
Phosphor Bronzes	Ph Bz 5% A	510	0.320
	Ph Bz 4%	511	0.320
	Ph Bz 6%	519	0.320
	Ph Bz 8%% C	521	0.318
Potassium	K		0.819
Silicon	Si		0.084
Silver	Ag		0.379
Stainless Steels		301	0.286
		302	0.290
		303	0.290
		304	0.286
		304L	0.290
		305	0.290
		308	0.290
		309	0.290
		310	0.290
		314	0.279
		316	0.290
		316L	0.290
		317	0.290
		320	0.290
		321	0.290
		330	0.290
		340	0.290
		347	0.290
		410	0.280
		Greek Ascoloy	418
		420	0.280
		430	0.280
		440	0.280
Tin	Sb		0.208

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Titanium	Ti		0.163
Tungsten	W		0.697
Zinc	Zn		0.258