

# C17200 Beryllium Copper Comparison Chart



Temper	H (TD04)	AT (TF00)	HT (TH04)
Tensile Strength ksi min.	90 - 125	165 - 200	180 - 220
Tensile Strength Mpa min.	620 - 860	1140 - 1380	1240 - 1520
0.2% Yield Strength ksi min.	75	145	155
0.2% Yield Strength Mpa min.	520	1000	1070
Elongation in 4D % min	8	4	2
Hardness Rockwell	B 88 - 102	C 36 - 42	C 38 - 44
Heat Treatment	-	3 hrs @ 600° F	2 hrs @ 600° F
AMS	AMS 4651	AMS 4533	AMS 4534
ASTM	ASTM B196	ASTM B196	ASTM B196
FEDERAL	QQ-C-530	QQ-C-530	
Other Specifications:	SLB SP170269	SLB S400869 / 100021902	SLB 100021902 / 100418664
	NACE MRO175	NACE MRO175	NACE MRO175
	CAMERON MS 11860	CAMERON MS-011413-01	BMS K113
	MOOG B05021	BMS K113	AKER SOLUTIONS MS537
	BAKER CU08	AKER SOLUTIONS 10000317422	FMC M4003 REV B
		AKER SOLUTIONS MS-537	GE MS014
		WELLDYNAMICS A-720	PETROWELL M607-00
		WN 131	770-10396
		HALLIBURTON 770-10394	BAKER CU08
		ENOVATE EN-SPEC-00002	
		EXPRO MS-1007	
		BAKER CU08	