

TECHNI-CAST	MNLA	MNLB	MNLC	MNLD	MNLE	IN610	IN625	HASC
FEDERAL	QQ-N-288, Comp. A	QQ-N-288, Comp. B	QQ-N-288, Comp. C	QQ-N-288, Comp. D	QQ-N-288, Comp. E			
	QQ-C-551							
MILITARY	MIL-C-15345g, #18	MIL-C-15345g, #16	MIL-C-15345g, #26	MIL-C-15345g, #17	MIL-C-15345g, #19			
	MIL-N-20164	MIL-N-20165, Gr. A		MIL-N-20165, Gr. B				
		MIL-N-4498, Gr. I		MIL-N-4498, Gr. II				
NAVY	46M1g	46N7, Cl. A		46N7, Cl. B				
ASTM	A-494, M35-1	A-494, M30H		A-494, M25S	A-494, M30C	A-494, CY40	A-494, CW6MC	A-494, CW12MW
	A-494, M35-2							
SAE								
AMS				4892				
COPPER	31.00	31.00	30.00	30.00	31.00			
ZINC								
IRON	0.75	1.00	1.25	1.25	1.00			
SILICON	1.75	3.25	3.75	4.25	1.75	3.00X	1.00X	1.00X
NICKEL	65.75	64.00	64.00	63.50	64.00	BAL	BAL	BAL
COBALT								
MANGANESE	0.75	0.75	1.00	1.00	0.75	1.50X	1.00X	1.00X
BERYLLIUM								
NIObIUM					1.50		4.00	
CHROMIUM						15.50	21.50	16.50
IRON						11.00X	5.00X	6.00
TUNGSTEN								4.50
VANADIUM								0.30
MOLYBDENUM							9.00	17.00
TENSILE STRENGTH, psi	75,000	115,000	130,000		75,000			
YIELD STRENGTH, psi	40,000	70,000	90,000		40,000			
ELONGATION %	35	15	12		35			
HARDNESS, BRINELL	141	250	276	332	141			
CONDITION	AC	AC	AC	AC	AC			