

TECHNI-CAST	AB01	AB02	AB03	AB04	AB05	AB05N	AB06	AB07	AB08	AB09	AB13	AB14
FEDERAL	QQ-B-671c, Cl. 1	QQ-B-671c, Cl. 2	QQ-B-671c, Cl. 3, AC	QQ-B-671c, Cl. 3, HT	QQ-B-671c, Cl.4	QQ-C-390A, CA 958	(QQ-B-679, Comp. 1)	QQ-B-672	QQ-C-390A, CA 955	QQ-C-390A, CA 957		
	QQ-B-671a, Gr. A	QQ-B-781a, Gr. B	QQ-B671a, Gr. C	QQ-C-390A, CA 954, HT	QQ-B-671a, Cl.D	QQ-C-390, G8	(QQ-C-465A, CA 642)		QQ-B-672			
	QQ-C-390A, CA 952	QQ-C390A, CA 953	QQ-C-390A, CA 954, AC	QQ-C-390, G5, HT	QQ-C-390A, CA 955		(QQ-A-630, Comp. 1)					
	QQ-C-390, G6	QQ-C-390, G7	QQ-C-390, G5, AC (QQ-B-679, Comp. 1)		QQ-C-390, G1, G2, G3 QQ-B-672 (QQ-B-679, Comp. 2)							
MILITARY	MIL-B-16033, Cl. 1	MIL-B-16033, Cl. 2	MIL-B-16033, Cl. 3, AC (MIL-B-15939, Comp. 1) (MIL-B-6946)	MIL-B-16033, Cl. 3, HT MIL-C-15345g, #13 MIL-C-15345A, #12 MIL-B-6947	MIL-B-16033, Cl. 4 MIL-C-15345g, #14 MIL-C-15345A, #13	MIL-C-15345g #28 MIL-B-24480	(MIL-B-6946) (MIL-B-15939, Comp. 1)	MIL-B-6947	MIL-B-6947	MIL-B-21230A, #2		
NAVY	46B18d, Gr. 1	46B18d, Gr. 2	46B18d, Gr. 3, PC AN-B-16	46B18d, Gr. 3, HT	46B18d, Gr. 4							
ASTM	B-148, CA 952	B-148, CA 953	B-148, CA 954, AC	B-148, CA 954, HT	B-148, CA 955	B-271, C95800	(B-150, CA 642)		B-148, CA 955	B-148, CA 957	B-271, C95900	
	B-148, 9A	B-148, 9B	B-148, 9C, AC	B-148, 9C, HT	B-148, 9D		B-148, CA 956		B-271, 95520	B-148, 9F		
	B-271, C95200	B-271, C95300	B-271, C95400, AC	B-271, C95400, HT	B-271, C95500 (B-150, CA 630)		B-148, 9E					
SAE	C95200	C95300	C95400, AC	C95400, HT	C95500	C95800	(CA 637)				C95900	
	68A	68B	(701B)		(701C) (CA 630)		(701B)					
AMS		(4632C)	(4635B)	4871B	4880		(4631C)		4881			
		(4630E)	4870B	4873B	(4640C)							
			4872B									
COPPER	87.50	88.25	86.00	85.75	81.00	81.00	91.00	80.25	78.25	75.00	82.50	81.00
IRON	3.50	1.25	3.50	3.50	3.25	4.00		3.25	4.00	3.00	4.50	
ALUMINUM	9.00	10.50	10.50	10.75	10.75	9.00	7.00	11.25	10.75	8.00		5.00
NICKEL						5.00		5.00	5.00	2.00		
MANGANESE						1.00		0.25	2.00	12.00	13.00	14.00
SILICON							2.00					
TENSILE STRENGTH, psi	75,000	77,000 85,000	85,000	100,000	104,000 112,000	95,000	75,000	145,000	135,000	100,000		
YIELD STRENGTH, psi	30,000	30,000	36,000	50,000	55,000	50,000	35,000	120,000	100,000	46,000		
		42,000			72,000							
ELONGATION, %	35	25	18	10	15	18	18	3	7	25		
		15			10							
HARDNESS, BRINELL	147	156	179	210	217	201	156	286	277	217	241	300
		179			235							
CONDITION	AC	AC	AC	HT	AC	AC	AC	HT	HT	AC	AC	AC
		HT			HT	TA						