TECHNI-CAST	CF8	CF3	CF8M	CF3M	CG8M	CF8C	CA6NM	CN7M	CA15
FEDERAL									
MILITARY	MIL-S-867A, Cl. I		MIL-S-867A, Cl. III			MIL-S-867A, Cl. II			MIL-S-16993A, Cl. 1
NAVY									
ACI	CF-8	CF-3	CF-8M	CF-3M	CG-8M	CF-8C	CA-6NM	CN-7M	CA-15
AISI	304	304L	316	316L	317	347	CA6NM	CN7M	410
ASTM	A-351, CF8 & CF8A	A-351, CF3 & CF3A	A-351, CF8M	A-351, CF3M & CF3MA	A-351, CG8M	A-351, CF8C	A-743, CA6NM	A-351, CN7M	A-743, CA15
	A-743, CF8	A-743, CF3	A-743, CF8M	A-743, CF3M	A-743, CG8M	A-743, CF8C		A-743, CN7M	
	A-744, CF8	A-744, CF3	A-744, CF8M	A-744, CF3M	A-744, CG8M	A-744, CF8C		A-744, CN7M	
UNS									
SAE	60304	(30304L)	60316	(30316L)	-30317	60347			60410
	-30304		-30316			-30347			-51410
AMS		5731				5363			
ASME	SA-351, CF8	SA-351, CF3	SA-351, CF8M	SA-351, CF3M		SA-351, CF8C		SA-351, CN7M	SA-351, CA15
	& CF8A	& CF3A							
CHROMIUM	19.00	19.00	19.00	19.00	19.00	19.00	13.00	20.00	12.00
CARBON	0.08X	0.03X	0.08X	0.03X					0.12
SILICON									
NICKEL	9.00	9.00	10.00	10.00	11.00	10.00	4.00	29.00	
COPPER								3.50	
MOLYBDENUM			2.50	2.50	3.50		0.75	2.50	
NIOBIUM						0.75			Carbon .12
NITROGEN									
TENSILE, psi	80	82	80,000	85,000	83,000	78,000	120,000	69,000	115,000
YIELD, psi	40,000	40,000	42,000	42,000	44,000	38,000	95,000	32,000	100,000
ELONGATION, %	50	55	50	50	45	39	24	48	22
R/A, %							60		55
BHN	165	169	165	176	172	159		144	235
CONDITION									

CA40	17/4	15/5	CD4M 1A	CD4MCuN 1B	CE8MN 2A	CD6MN 3A	CD3MN 4A	CE3MN 5A	CD3MN 6A
CA-40			CD4MCu	CD4MCuN	CE8MN	CD6MN 3A	CD3MN 4A	CE3MN 5A	CD3MWCuN
420	17/4	15/5							
A-743, CA15	A-743, CB7Cu-1	A-747, CB7Cu-2	A-890, 1A	A-890, 1B	A-890, 2A	A-890, 3A	A-890, 4A	A-890, 5A	A-890, 6A
			J93370	J93372	J93345	J93371	J92205	J93404	J93380
60420									
-51420									
	5398	5348							
12.00	16.00	14.50	25.00	25.00	24.00	25.50	22.00	25.00	25.00
0.30	0.07	0.07	0.04	0.04X	0.08X	0.06X	0.03X	.03X	.03X
			1.00	1.00	1.50	1.00	1.00	1.00	1.00
	4.00	5.00	5.00	5.00	9.50	5.00	5.50	7.00	7.50
	3.00	3.00	3.00	3.00		2.00	1.00X		0.75
			2.00	2.00	3.75	2.00	3.00	4.50	3.50
Carbon .30	0.25	0.25							
				0.20	0.20	0.20	0.20	0.20	
130,000	190,000	190,000	100,000	100,000	95,000	95,000	90,000	100,000	100,000
105,000	168,000	168,000	70,000	70,000	65,000	65,000	60,000	75,000	65,000
15	11	11	16	16	25	25	25.00	18.00	25
55	35	35							
269	393	393							