

## Materials Reference

Common	Elements	Castings		Forgings		Bar	
		ASTM	UNS	ASTM	UNS	ASTM	UNS
303	18Cr-9Ni-15Mn	A743 CF16Fa	J92701	A473-303	S30300	A276-303	S30300
304	18Cr-8Ni	A351 CF8	J92600	A182-F304	S30400	A276-304	S30400
304H	18Cr-8Ni-10C	A351-CF10	J92590	A182-F304H	S30409	A479-304H	S30409
304L	18Cr-8Ni-.03C	A351-CF3	J92700	A182-F304L	S30403	A276-304L	S30403
309	23Cr-13.5Ni	A351 CH20	J93402	A182-F309H	S30909	A276-309	S30900
310	25Cr-20Ni	A351 CK20	J94202	A182-F310	S31008	A276-310S	S31008
316	18Cr-8Ni-2Mo	A351 CF8M	J92900	A182-F316	S31600	A276-316	S31600
316H	18Cr-8Ni-2Mo-10C	A351-CF10M	J92901	A182-F316H	S31609	A479-316H	S31609
316L	18Cr-8Ni-2Mo-.03C	A351 CF3M	J92800	A182-F316L	S31603	A276-316L	S31603
317	19Cr-13Ni-3.5Mo	A351-CG8M	J93000	A183-F317	S31700	A276-317	S31700
317L	19Cr-13Ni-3.5Mo-.03C	A351-CG3M	J92999	A182-317L	S31703	A276-317L	S31703
321	18Cr-8Ni-Ti	N/A	N/A	A182-F321	S32100	A276-321	S32100
321H	18Cr-8Ni-Ti-10C	N/A	N/A	A182-F321H	S32109	A176-321H	S32109
347	18Cr-8Ni-Nb	A351-CF8C	J92710	A182-F347	S34700	A276-347	S34700
347H	18Cr-8Ni-Nb-10C	N/A	N/A	A183-F347H	S34709	A276-347H	S34709
410	13Cr-.5Mo-86Fe	A217-CA15	J91150	A182-F6A	S41000	A276-410	S41000
254-SMO	20Cr-18Ni-6Mo	A351 CK3MCUN	J932534	A182-F44	S31254	A275-S31254	S31254
AL6XN	21Cr-25Ni-6.5Mo-Cu-N	A351 CN3MN	J94651	A182-F62	NO8367	B462-NO8367	NO8367
Alloy 20	20Cr-35Ni-2.5Mo-3.5Cu	A35 /744-CN7M	NO8007	A182-F20	NO8020	B473-NO8020	NO8020
Duplex 2205	22Cr-5-5.5Ni-3Mo-N	A995 Gr. 4A CD3MN	J92205	A182-F51	S31803	A276-S32205	S32205
Super Duplex 2507	25Cr-7Ni-4Mo-N	A995-Gr. 5A CE3MN	J93404	A182-F53	S32750	A479-S32750	S32750
Ferralium	25Cr-6Ni-3.5Mo-Cu-N	A995 Gr. CD4MCuN	J93372	A182-F61	S32550	A479-S32550	S32550
Hastelloy B	67Ni-28Mo-5Fe	A494 N12MV	N30012	N/A	N/A	B335-N10001	N10001
Hastelloy C-22	58Ni-21Cr-14Mo-4Fe-3W	A494-CX2MW	N26022	B564-NO6022	NO6022	B574-NO6022	NO6022
Hastelloy C-276	58Ni-16Cr-16Mo-6Fe-4W	A494-Cw12MW	N30002	B564-N10276	N10276	B574-B10276	N10276
Inconel 625	65Ni-22Cr-9Mo-3.5Nb	A494-CW6MC	N26625	B564-NO6625	NO6625	B446-NO6625	NO6626
Monel 400	67Ni-30Cu	A494 M35-1	N24135	B564-NO4400	NO4400	B164-NO4400	NO4400
Nickel 200	97Ni	A494 CZ100	NO2100	B160-NO2200	NO2200	B160-NO2200	NO2200
Titanium	.10C-.30Fe-.03N-99Ti	B367 Gr. C-2	R50400	B381 Gr. F-2	R50400	B348 Gr.2	R50400
Titanium	.10C-.30Fe-.25Pd-99Ti	B367 Gr.C-7	R52400	B318 Gr. F-7	R52400	B348 GR.7	R52400
Zirconium	95Zr-4.5Cu	B752 Gr. 702C	R60702	B493 Gr. 702	R60702	B550 Gr. 702	R60702