

SUPER ALLOYS

In this section we have classified titanium, nickel alloys and other exotic metals for application in high temperature and corrosive atmospheres. Listed below are some of the most common alloys and the specifications to which they are most commonly produced.

SPECIAL METALS FOR HI TEMPERATURE AND CORROSION RESISTANCE

AMS	ALLOY NO.	FORM	FEDERAL SPEC
4900	Ti A55, 65A	Sheet	MIL-T-9046, Type 1 Comp C
4901	Ti A70, 75A	Sheet	MIL-T-9046, Type 1 Comp B
4902	Ti A40, 55A	Sheet	MIL-T-9046, Type 1 Comp A
4911	Ti C120AV	Sheet	MIL-T-9046, Type 111 Comp C
4918	Ti 6AL6V2SN	Sheet	MIL-T-9046, Type 111 Comp E
4921	Ti A70	Bars & Forgings	MIL-T-9047, Comp 1
4925	Ti 4AL4V	Bars & Forgings	
4928	Ti C120AV	Bars & Forgings	MIL-T-9047, Comp 6
4970	Ti 7AL 4MO	Bars & Forgings	
4971	Ti 6AL-6V2SN	Bars & Forgings	
5520	PH15-7 MO	Sheet	
5525	A286	Sheet	
5526	1-9 DL	Sheet	
5527	19-9 DL	Sheet	
5529	17-7PH	Sheet	MIL-S-25043
5530	Hastelloy C	Sheet	
5532	N155 Multimet	Sheet	
5536	Hastelloy X	Sheet	
5537	L605	Sheet	
5544	Waspaloy	Sheet	
5545	Rene 41	Sheet	
5596	Inconel 718 (Soil Treated)	Sheet	
5597	Inconel 718	Sheet	
5598	Inconel X750	Sheet	
5599	Inconel 625	Sheet	
5616	Greek Ascology	Bars & Forgings	
5562	Inconel 718 (Soil Treated)	Bars & Forgings	
5665	Inconel 600	Bars & Forgings	MIL-N-6710
5666	Inconel 625	Bars & Forgings	
5667	Inconel X-750	Bars & Forgings	
5668	Inconel X-750	Bars & Forgings	
5669	Inconel X-750	Bars & Forgings	
5734	A286	Bars & Forgings	
5735	A286	Bars & Forgings	
5736	A286	Bars & Forgings	
5754	Hastelloy X	Bars & Forgings	
5768	N155	Bars & Forgings	
5769	N155	Bars & Forgings	



WELDING ROD AND FILLER WIRE

We supply welding wire and electrodes for all aerospace applications. These materials are available in numerous sizes from .005" to .250" diameter, as cut straight lengths or in coiled form. We have outlines below of some of the popular alloys and the proper specification under which they are covered.

AMS	ALLOY	FEDERAL
4184	Alum 4145	QQ-B-655, C1FS-RAL Si-3
4185	Alum 4047	QQ-B-655, C1FS-RAL Si-4
4910	Alum 4043	QQ-R-566, C14043
4191	Alum 2319	QQ-R-566, C12319
4395	Mag AZ92A	MIL-W-6944, C1AZ92A
4396	Mag EZ33A	MIL-W-6944, C1E233A
4951	Ti, Comm pure	
4953	Ti, 5AL-2.5SN	
4954	Ti, 6A2-4V	
4955	Ti, 8AL-1MO-1V	
4956	Ti, 6AL-4V EL1	
5027	D6AC	
5528	D6AC (High C)	
5676	Nichrome V	MIL-R-5031, C17
5680	347	MIL-R-5031, C15
5683	Inco 42	MIL-R-5031, C18
5685	305 Safety Wire	QQ-W-423, Comp 305
5687	Incol 600	QQ-W-390
5688	Type 302 Spring	QQ-W-423, Comp FS 302
5694	Type 310	MIL-R-5031, C13
5697	Type 304	QQ-W-423, Comp FS304
5774	AM-350	
5776	410	
5778	Inco 69	
5780	AM355	
5782	19-9 W MO	MIL-R-503, C16
5786	Hastelloy W	MIL-R-5031, C112
5789	Stellite 31	
5794	Multmet N155	MIL-R-5031, C19
5796	L605	MIL-R-5031, CL13
5798	Hastelloy X	
5800	Rene 41	
5801	Alloy 188	
5804	A286	
5805	A286 (Vac Melt)	
5812	WPH15-7 MO-UM (Vac)	
5813	WPH15-7 MO	
5817	Greek Ascology	
5821	410 Mod	
5824	17-7 PH	
5825	17-4 PH	
5828	Waspaloy	
5829	Nimonic 90	
5832	Inconel 718	
5837	Inconel 625	
5840	PH13-8 MO	
6458	17-22S (S)	