ALLOY	FSHWG PRODUCTS WIRES	CLASSIFICATION						COMMENTS
		AFNOR	AMS	AWS	W°	DMR	EN / GE	
ALUMINIUM	ALC6 AG4Z2 ALS7 ALS5 ALS12	AU6 AG4Z2 AS7G06 AS5 AS12	4191 4246 4190 4185	ER 2319 ER 357 ER 4043 ER 4047		 34.545 34.562		Welding for various forms of construction - weaponry, the space sector, and the nuclear sector.
STAINLESS STEELS	17.4 CU 20/10 Nb 20/10 T M13/0 22/21 CO 11/3 M	Z5CNU 17 4 Z6CNNb 20 10 Z6CNT 18 10 Z8C 13 Z12CNKDW20 Z12CNDV12	5825 5680 5776 5794	ER 630 ER 347 ER 410	 1.4551 1.4009	34 34.276 34 34.237		Manufacturing & repair of turbine assemblies.
NICKEL	NIX NIW NI263 NICr80 NI625 NI718	NC22FeD ND24FeC NCK20KTA NC20 NC22DNb NC19FeNb	5798 5786 5966 5676 5837 5832	ER NiCrMo2 ER NiMo3 ER NiCrMo3 ER NiFeCr2	 2.4639 2.4831 2.4667	34 34 34.442 34 34	EN 3883 / GE B50A450 EN 3894 EN 3886 / GE B50A783 EN4329 EN 3885 EN 3884 / GE B50TF202	Used for engine repair and maintenance.
TITANIUM	T40 TA6V4		4951 4954	ER Ti2 ER Ti5	3.7035 3.7165	34 34	EN 4342 EN 3892	Aeronautical construction.
COBALT	FICO 188 FICO 25 FICO 694 FICO T800 FICO 414 FICO 918	KCN22W KC20WN KC28W KD28C KC29NW KC20NTa	5801 5796			34 34 34 34	EN 3888 EN 3887 EN 4326 GE B50TF193 GE B50A824	Recharging jet engine and turbine combustion chamber parts.
LOW ALLOY LEVELS	BMS SCVS	8CD12 15CDV6				34 34	EN 4332 / AIR 9117 EN 4334 / AIR 9117	

AMS Number for Various Material

Aluminum Magnesium	Brazing	Brazing	Titanium	Steel	Low Alloy Steel	Corrosion/Heat Resistant Alloys	Corrosion/Heat Resistant Alloys
4180	3410	4775	4914	5656	6456	5786	5821
4181	3411	4776	4951	5679	6457	5788	5822
4182	4761	4777	4952	5680	6458	5789	5823
4184	4763	4778	4953	5682	6459	5794	5824
4185	4765	4779	4954	5689	6461	5796	5825
4189	4766	4782	4955	5690	6462	5798	5826
4190	4767	4783	4956	5694	6466	5800	5828
4191	4768	4784	4957	5698	6468	5801	5829
4245	4769	4785	4958	5774	6501	5802	5830
4246	4770	4786		5776	6527	5803	5832
4350	4771	4787		5780		5804	5836
4395	4772	5675		5782		5805	5837
4396	4773	4951		5784		5806	5838
	4774	5675		5027		5812	5840
	4788	5660		5028		5813	5872
	5555			5385		5817	6452