

NICKEL ALLOYS / DUPLEX & SUPER DUPLEX & STAINLESS STEEL									
Alloys	Trade Mark	UNS/DIN	AMS	Chemistry					
				C	Cr	Ni	Fe	Mo	Others
Permalloy	Vacodur49		ASTM A801	0.01			Bal.		Co. 48.75 V 1.90
Alloy 600	Inconel 600	N06600	5665, 5540	0.15	15	76	8		
Alloy 625	Inconel 625	N06625	5666	0.1	21	62	2.5	9	Nb 3.5
Alloy 718	Inconel 718	N07718	5662, 5663	0.08	18	54	18	3	Nb 5
Alloy 750	X-750	N07750	5542	0.08	15	73	7		Ti Al Nb
Creep Resisting Steels	A286	S66286	5731, 5732	0.08	13.5-16.0	24.0-27.0	Bal.	1.0-1.5	Mn. 2.0
PH Grades (Cres)	17-4PH	S17400	5622, 5643	0.07	15.0-17.5	3.0-5.0	Bal.		Cu.3.0-5.0
	15-5PH	S15500	5659						
	13-8Mo	S13800	5629						
	17-7PH	S17700	5644	0.09	16.0-18.0	6.5-4.75	Bal.		Mn. 1.0
High Strength Alloy									
Alloys	Trade Mark	UNS/DIN	AMS	Chemistry					
				C	Cr	Ni	Fe	Mo	Others
AERMET 100	AERMET 100	K92580	6532	0.23	3.1	11.1	Bal.	1.2	Co. 13.4
Titanium Alloys									
Alloys	Trade Mark	UNS/DIN	AMS	Chemistry					
				N	H	O	Al	V	Ti.
Ti-6Al-4V		R56400	4911, 4928	0.05	0.012	0.2	6	4	Bal.
Copper Alloys									
Alloys	Trade Mark	UNS/DIN	AMS	Chemistry					
				Cu	Al	Fe	Mn	Ni	Others
C630		C63000	4640	Bal.	9.0-11.0	2.0-4.0	1.5	4.0-5.5	
CuBe		C17200	4651, 4725	Bal.	0.2				Be:1.8-2.0
Stainless & Steels									
Alloys	AMS	Chemistry							
		C	Mn	Cr	Mo	Ni	V	Nb	Others
440C	5618	0.95-1.2	1	16.0-18.0		<0.75			Si:1.0
4130	63,486,370	0.3	0.5	1	0.2				
4340	6382	0.4	0.8	1	0.2				