

Table of rough correspondence and mechanical characteristics ::

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Denomination ASTM	DIN W.N.	AFNOR	Tensile Strength	Yeld Strength	Elangation	Hardness	Annealing	Chip Resistance
			N/mm ²	RP 0,2%--N/mm ²	A(%)(Lo-52)	HV	°C	°C
AISI 304	1.4301	Z6CN 18-09	550-700	200	45	180	1050-1100	860
AISI 304 L	1.4306	Z2CN 18-10	530-680	180	45	180	1050-1100	860
AISI 321	1.4541	Z6CNT 18-10	550-700	210	40	190	1050-1100	860
AISI 316	1.4401	Z6CND 17-11	550-700	210	40	180	1050-1100	800
AISI 316 L	1.4404	Z2CND 17-12	530-680	200	40	180	1050-1100	800
AISI 316 Ti	1.4571	Z6CNDT 17-12	550-700	220	40	190	1050-1100	800
AISI 316 SL	1.4435	Z2CND 17-13	490-690	190	40	180	1050-1100	800
AISI 310	1.4845	Z12CNS 25-20	600-750	230	40	200	1100-1150	1150
ALLOY UNS N08800 (INCOLOY 800)	1.4876	Z5NC 35-20	500-750	210	30	140	950-1050	1000
ALLOY UNS N08825 (INCOLOY 825)	12.4858	NF e 32C 20 DU	600-800	240	30	140	920-980	1000
ALLOY UNS N06600 (INCONEL 600)	2.4816	NC 15 Fe	600-700	250	45	128	950-1100	1150
ALLOY UNS N06601 (INCONEL 601)	2.4851	NC 23 Fe A	600-700	205	65	126	1000-1150	1250
COPPER ALLOY UNS N. C70600(CUPRONICKEL 10)	2.0872	Cu Ni 10 Fe	>270	140	45	95	700-800	
COPPER ALLOY UNS N. C71500(CUPRONICKEL 30)	2.0882	Cu Ni 30 Mn 1 Fe	>370	190	45	115	750-850	
ALLOY UNS N04400 (MONEL 400)	2.4360		400-600	180	35	108	870-980	
ALLOY UNS N02201 (NICKEL 201)	2.4068		340-540	80	40	91	815-925	
36 ALLOY (NILO 36)	1.3912	A54 - 301	450-550	240	42	140	850-1000	
48 ALLOY (NILO 48)	1.3927	A54 - 301	450-550	260	43	140	850-1000	