

STAINLESS STEEL FOR PRECIPITATION HARDENING PURPOSE

AISI type	UNS	C	Mn	Si	Cr	Ni	Mo	Other
PH 13-8 Mo	S 13800	0.05	0.20	0.10	12.25-13.25	7.50-8.50	2.00-2.50	0.90-1.35 AL, 0.01 N
PH 14-8 Mo	S 14800	0.05	1.00	1.00	13.75-15.00	7.75-8.75	2.00-3.00	0.75-1.50 Al
15-5 PH	S 15500	0.07	1.00	1.00	14.00-15.50	3.50-5.50	-	2.50-4.50 Cu, 0.15-0.45 Cb
PH 15-7 Mo	S 15700	0.09	1.00	1.00	14.00-16.00	6.50-7.75	2.00-3.00	0.75-1.50 Al
17-4 PH	S 17400	0.07	1.00	1.00	15.00-17.50	3.00-5.0	-	3.00-5.00 Cu, 0.15-0.45 Cb
17-7 PH	S 17700	0.09	1.00	1.00	16.00-18.00	6.50-7.75	-	0.75-1.50 Al
AM-350 (633)	S 35000	0.07-0.11	0.50-1.25	0.50	16.00-17.00	4.00-5.00	2.50-3.25	0.07-0.13 N
AM-355 (634)	S 35500	0.10-0.15	0.50-1.25	0.50	15.00-16.00	4.00-5.00	2.50-3.25	0.07-0.13 N
Custom 450 (XM-25)	S 45000	0.05	1.00	1.00	14.00-16.00	500-7.00	0.50-1.00	(8xC) Cb min, 1.25-1.75 Cu
Custom 455 (XM-16)	S 45500	0.05	0.50	0.50	11.00-12.50	7.50-9.50	0.50 Mo	1.50-2.50 CU, 0.80-1.40 Ti, 0.10-0.50 Cb

AmEuro Metals developed this information from several sources and technical literature. AmEuro Metals assumes no responsibility for the accuracy of this information.