

PASLANMAZ ÇELİKLERDE ISIL İŞLEM

Malz. No.	DIN	SAE/AISI	Dövme Sıcaklığı (°C)	Yumuşak Tavlama Sıcaklığı (°C)	Sertleştirme Sıcaklığı (°C)	Soğutma Ortamı			Dayanım - Sertlik		Meneviş Sıcaklığı (°C)
						hava	yağ	su	Mpa	HRC	
1.4000	X 6 Cr 13	403	1150-750	750-800	950-1000	*	*	-	-	-	750-700
1.4002	X 6 CrAl 13	405	1150-750	750-800	950-1000	*	*	-	-	-	750-700
1.4006	X 10 Cr 13	410	1150-750	750-850	950-1000	*	*	-	1030	31	750-700
1.4016	X 8 Cr 17	430	1150-750	750-850	-	-	-	-	-	-	-
1.4021	X 20 Cr 13	420	1150-750	750-800	980-1030	*	*	-	1570	47	750-650
1.4024	X 15 Cr 13	-	1150-750	750-800	980-1030	*	*	-	1470	45	750-700
1.4031	X 40 Cr 13	-	1100-800	750-800	1000-1050	*	*	-	1930	55	200-100
1.4057	X 22 CrNi 17	431	1100-750	700-750	1000-1050	-	*	-	1570	47	720-630
1.4104	X 12 CrMoS 17	430 F	1100-750	800-850	1025-1050	-	*	-	930	27	600-550
1.4113	X 6 CrMo 17	434	1050-750	750-850	-	-	-	-	-	-	-
1.4116	X 45 CrMoV 15	-	1100-850	750-850	1050-1100	*	*	-	2190	59	200-100
1.4301	X 5 CrNi 18 9	304	1150-750	-	1000-1050	*	-	*	-	-	-
1.4303	X 5 CrNi 18 12	308; 305	1150-750	-	1000-1050	*	-	*	-	-	-
1.4305	X8CrNiS18-9	303	1150-750	-	1000-1050	*	-	*	-	-	-
1.4306	X2CrNi19-11	304 L	1150-750	-	1000-1050	*	-	*	-	-	-
1.4311	X 2 CrNiN 18 10	304 L N	1150-750	-	1000-1050	*	-	*	-	-	-
1.4401	X5CrNiMo17-12-2	316	1150-750	-	1050-1100	*	-	*	-	-	-
1.4404	X2CrNiMo17-12-2	316 L	1150-750	-	1050-1100	*	-	*	-	-	-
1.4406	X2CrNiMoN17-11-2	316 L N	1150-750	-	1050-1100	*	-	*	-	-	-
1.4429	X2CrNiMoN17-13-3	316 L N	1150-750	-	1050-1100	*	-	*	-	-	-
1.4435	X2CrNiMo18-14-3	316 L	1150-750	-	1050-1100	*	-	*	-	-	-
1.4436	X3CrNiMo17-13-3	316	1150-750	-	1050-1100	*	-	*	-	-	-
1.4438	X2CrNiMo18-15-4	317 L	1150-750	-	1050-1100	*	-	*	-	-	-
1.4510	X 3 CrTi 17	XM 8; 430 Ti	1150-750	750-850	-	-	-	-	-	-	-
1.4511	X 3 CrNb 17	-	1150-750	750-850	-	-	-	-	-	-	-
1.4541	X6CrNiTi18-10	321	1150-750	-	1020-1070	*	-	*	-	-	-
1.4550	X6CrNiNb18-10	347	1150-750	-	1020-1070	*	-	*	-	-	-