Steel designation		Thickness t or diameter [a] d	Heat-treatment condition [b]	Hardness	0,2 %-proof strength	Tensile strength	Elongation after fracture		Impact energy (ISO-V)	
Name	Number	mm		HBW [c] max.	$R_{p0,2}$ [d] MPa min.	R_m [d] MPa	A [d] % min. (long.)	A [d] % min. (tr.)	KV_2 J min. (long.)	KV_2 J min. (tr.)
X17CrNi16-2	1.4057	-	+A	295	-	max. 950	-	-	-	-
		≤ 60	+QT800	-	600	800 to 950	14	-	25	-
		60 < t ≤ 160					12		20	
		≤ 60	+QT900	-	700	900 to 1050	12	-	16	-
		60 < t ≤ 160					10		15	
X38CrMo14	1.4419	-	+A	235	-	max. 760	-	-	-	-
X55CrMo14	1.4110	≤ 100	+A	280	-	max. 950	-	-	-	-
X3CrNiMo13-4	1.4313	-	+A	320	-	max. 1100	-	-	-	-
		≤ 160	+QT700	-	520	700 to 850	15	-	70	-
		160 < t ≤ 250					-	12	-	50
		≤ 160	+QT780	-	620	780 to 980	15	-	70	-
		160 < t ≤ 250					-	12	-	50
		≤ 160	+QT900	-	800	900 to 1100	12	-	50	-
		160 < t ≤ 250					-	10	-	40
X50CrMoV15	1.4116	-	+A	280	-	max. 900	-	-	-	-
X14CrMoS17	1.4104	-	+A	220	-	max. 730	-	-	-	-
		≤ 60	+QT650	-	500	650 to 850	12	-	-	-
		60 < t ≤ 160					10	-	-	-