

Steel designation		Thickness t or diameter ^b d mm	Annealed		Heat treatment condition	Quenched + tempered				
Name	Number		R_m MPa max.	HBW ^c max.		$R_{p0.2}$ MPa min.	R_m MPa	A_5^d % min. (long.)	(tr.)	KV_2 J min. (long.) (tr.)
X46Cr13	1.4034	$\leq 10^e$	950	305	+QT850	700	900 to 1150	7	-	-
		$10 < t \leq 16$	950	305		700	900 to 1150	7	-	-
		$16 < t \leq 40$	900	280		650	850 to 1100	8	-	12
		$40 < t \leq 63$	840	260		650	850 to 1000	8	-	12
		$63 < t \leq 160$	800	245		650	850 to 1000	10	-	12
X17CrNi16-2	1.4057	$\leq 10^e$	1050	330	+QT800	750	850 to 1100	7	-	-
		$10 < t \leq 16$	1050	330		700	850 to 1100	7	-	-
		$16 < t \leq 40$	1000	310		650	800 to 1050	9	-	25
		$40 < t \leq 63$	950	295		650	800 to 1000	12	-	25
		$63 < t \leq 160$	950	295		650	800 to 950	12	-	16