

Steel designation		Thickness t or diameter ^c d mm	Solution annealed					
Name	Number		R _{p0.2} MPa min.	R _m MPa	A ₅ ^d % min. (long.)	(tr.)	KV ₂ J min. (long.)	(tr.)
X3CrNiCu18-9-4	1.4567	≤ 10 ^e	400	600 to 850	25	-	-	
		10 < t ≤ 16	340	600 to 850	25	-	-	
		16 < t ≤ 40	175	450 to 800	30		100	
		40 < t ≤ 63	175	450 to 800	30	-	100	
		63 < t ≤ 160	175	450 to 650	40	-	100	
X5CrNi18-10	1.4301	≤ 10 ^e	400	600 to 950	25	-	-	-
		10 < t ≤ 16	400	600 to 950	25	-	-	-
		16 < t ≤ 40	190	600 to 850	25	-	100	-
		40 < t ≤ 63	190	580 to 850	30	-	100	-
		63 < t ≤ 160	190	500 to 700	45	-	100	-
X6CrNiTi18-10	1.4541	160 < t ≤ 250	190	500 to 700	-	35	-	60
		≤ 10 ^e	400	600 to 950	25	-	-	-
		10 < t ≤ 16	380	580 to 950	25	-	-	-
		16 < t ≤ 40	190	500 to 850	30	-	100	-
		40 < t ≤ 63	190	500 to 850	30	-	100	-
		63 < t ≤ 160	190	500 to 700	40	-	100	-