Steel designation		Thickness t or diameter [a] d	Heat treatment condition [b]	Hard-ness [c]	0,2 %-proof strength	Tensile strength	Elongation after fracture	Impact energy (ISO-V)
Special grades								
X1CrNiMoAlTi12-9-2	1.4530	150	+AT	363	-	max. 1200	-	-
			+P1200	-	1100	min. 1200	12	90
X1CrNiMoAlTi12-10-2	1.4596	150	+AT	363	-	max. 1200	-	-
			+P1400	-	1300	min. 1400	9	50
X1CrNiMoAlTi12-11-2	1.4612	150	+AT	331	-	-	-	-
			+P1510	-	1380	min. 1510	10	20
			+P1650	-	1515	min. 1650	10	10
X5NiCrTiMoVB25-15-2	1.4606	50	+AT	212	250	max. 700	35	-
			+P880	-	550	880 to 1150	20	50
For bigger sizes the mechanical values shall be agreed at the time of enquiry and order.								

[a] Width across flats for hexagons.

[b] +AT = solution annealed; +P = precipitation hardened.

[c] Only for guidance.

[d] For spring hard drawn condition see EN ISO 6931-1.