EN 10088-3:2023 (E)

Steel designation		Thickness t or diameter a	Heat treatment condition ^b	Hard- ness ^c	0,2 %-proof strength	Tensile strength	Elongation after fracture	Impact energy (ISO-V)
			Special grades	ades				
V1 CN:M. A 177:12 0 2	1 4530	, 1	+AT	363	ı	max. 1200	-	-
A16/10/10/10/10/10/2-9-2	1.4330	061	+P1200	-	1100	min. 1200	12	06
V1 CN:M. A T:12 10 2	7027	4 1 1 1 1	+AT	363	•	max. 1200	-	-
A1GTNIMOAL1112-10-2	1.4390	150	+P1400	-	1300	min. 1400	6	50
			+AT	331	1	-	-	-
X1CrNiMoAlTi12-11-2	1.4612	150	+P1510	-	1380	min. 1510	10	20
			+P1650	-	1515	min. 1650	10	10
VENIGATIMAVIBUE 15 2	2027	u G	+AT	212	250	max. 700	35	-
ASINICI I IIVIO V BZ3-13-2	1.4000	00	+P880	-	550	880 to 1150	20	20
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For bigger sizes the mechanical values shall be agreed at the time of enquiry and order.

Width across flats for hexagons.

+AT = solution annealed; +P = precipitation hardened.

Only for guidance.

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