Steel designation		Thickness t or diameter [c] *d* mm	0,2 %-proof strength $R_{p0,2}$ MPa min.	Tensile strength R_m MPa	Elongation after fracture A_5 [d] % min.
Name	Number				
Special grades					
X3CrS12	1.4045	≤10	350	480 to 800	10
		10 < t ≤16	350	480 to 780	10
		16< t ≤ 40	320	460 to 760	10
		40 < t ≤ 63	320	450 to 750	15
		63 < t ≤ 100	300	450 to 750	15
X2CrTi17	1.4520	≤ 10 [e]	320	500 to 750	8
		10 < t ≤ 16	300	480 to 750	10
		16 < t ≤ 40	240	400 to 700	15
		40 < t ≤ 50	240	400 to 700	15
X3CrNb17	1.4511	≤ 10 [e]	320	500 to 750	8
		10 < t ≤ 16	300	480 to 750	10
		16 < t ≤ 40	240	400 to 700	15
		40 < t ≤ 50	240	400 to 700	15
X2CrTiNb18	1.4509	≤ 10 [e]	320	500 to 750	8
		10 < t ≤ 16	300	480 to 750	10
		16 < t ≤ 40	240	400 to 700	10
		40 < t ≤ 50	240	400 to 700	15
X6CrMoS19-2	1.4114	≤10	350	530 to 800	10
		10 < t ≤16	350	530 to 800	10
		16< t ≤ 40	240	430 to 800	10
		40 < t ≤ 63	240	430 to 630	15
X6CrMoNb17-1	1.4526	≤ 10 [e]	340	540 to 700	8
		10 < t ≤ 16	320	500 to 700	12
		16 < t ≤ 40	280	440 to 700	15
		40 < t ≤ 50	280	440 to 700	15

[a] Including cut lengths from wire.

[b] Initial annealing treatment may be omitted if the conditions for previous hot working and subsequent cooling have been such that the requirements for the final mechanical properties of the product and the resistance to intergranular corrosion as defined in EN ISO 3651-2 are obtained.

[c] Width across flats for hexagons.

[d] Elongation A_5 is valid only for dimensions of 5 mm and above. For smaller diameters, the minimum elongation shall be agreed upon at the time of enquiry and order.

[e] In the range 1 mm ≤ d < 5 mm valid only for rounds. The mechanical properties of non-round bars with thicknesses < 5 mm shall be agreed at the time of enquiry and order.