Table 15 — Mechanical properties for bright bars [a] at room temperature of annealed [b] (see Table A.3) ferritic steels in conditions 2H, 2B, 2G or 2P

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				
Standard grades					
X6Cr17	1.4016	≤ 10 [e]	320	500 to 750	8
		10 < t ≤ 16	300	480 to 750	8
		16 < t ≤ 40	240	400 to 700	15
		40 < t ≤ 63	240	400 to 700	15
		63 < t ≤ 100	240	400 to 630	20
X6CrMoS17	1.4105	≤ 10 [e]	330	530 to 780	7
		10 < t ≤ 16	310	500 to 780	7
		16 < t ≤ 40	250	430 to 730	12
		40 < t ≤ 63	250	430 to 730	12
		63 < t ≤ 100	250	430 to 630	20
X6CrMo17-1	1.4113	≤ 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 ≤ 63	280	440 to 700	15
		63 < t ≤ 100	280	440 to 660	18
X2CrMoSiS18-2-1	1.4106	≤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
		63 < t ≤ 100	240	430 to 630	15