

STANDARDS AND GRADES OF STEEL IN THE COUNTRIES FOR WHICH METALFER STEEL MILL HAS CERTIFIED

WIRE ROD



Standard	Quality	Diameter mm	Mechanical properties			Chemical composition (maximum values) (%)				
			Tolerance	Ovality	Rm max.	C	Si	Mn	P	S
			(mm)	(mm)	(Mpa)					
ASTM A 510 M	SAE 1006	5.5 ÷ 13.5	±0.4	±0.6	460	0,08		0,45	0,04	0,05
ASTM A 510 M	SAE 1008	5.5 ÷ 13.5	±0.4	±0.6	460	0,10		0,50	0,04	0,05
ASTM A 510 M	SAE 1010	5.5 ÷ 13.5	±0.4	±0.6	460	0.08 - 0.13		0.30 - 0.60	0,04	0,05
EN 10025	S235JR	5.5 ÷ 13.5	±0.4	±0.6	360-510	0,17		1,4	0,035	0,035