



Free-cutting steels

Norma Tuyper BS 970 : 1991



Calidades
Aceros Calibrados

Free-cutting steels



Steel	Chemical Composition					
	C % (m/m)	Si % (m/m)	Mn % (m/m)	P % (m/m)	S % (m/m)	Pb % (m/m)
230M07	0,15 max	0,05 max	0,90 to 1,30	0,090 max	0,25 to 0,35	-

Steel	Mechanical Properties					
	Condition	Size (diameter across flats or thickness)	R _m	R _e min.	A min on 5.65 √S ₀	R _{p0.2} min
230M07	Hot rolled + cold drawn	≥ 6 ≤ 13	480 min.	400	6	360
		> 13 ≤ 16	460 min.	380	7	345
		> 16 ≤ 40	430 min.	340	8	300
		> 40 ≤ 63	390 min.	280	9	240
		> 63 ≤ 76	370 min.	240	10	225

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212A42	0,40 to 0,45	0,25 max	1,00 to 1,30	0,06 max	0,12 to 0,20	-

