

Material data sheet

Material Number	1.0718
Country	Germany
Designations	11SMnPb30; 9 SMnPb 28 †

Standards	DIN EN 10087 (01/1999)	Free-cutting steels - Technical delivery conditions for semi-finished products, hot-rolled bars and rods.
	DIN EN 10277-3 (10/1999)	Bright steel products. Free-cutting steels. Steels not intended for heat treatment
	DIN EN 10277-3 (10/1999)	Bright steel products. Free-cutting steels. Steels for quenching and tempering

Steelgroup	Non alloy quality steels: Steels with higher P or S content
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Chemical composition

Element	min/max	Others	Footnote
C	<=0.14		
Si	<=0.05		
Mn	0.90 - 1.30		
P	<=0.110		
S	0.270 - 0.330		
Pb	0.200 - 0.350		