

Data Sheet Spring Bar Steel

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Material Code 56Si7 (previous: 55Si7)
Material No. 1.5026

Chemical analysis (in %) according EN 10089, table 3

C	0,52 to 0,60
Si	1,60 to 2,00
Mn	0,60 to 0,90
P	max. 0,025
S	max. 0,025
Cu+10Sn	± 0,60

Guide values for mechanical properties of hardened and tempered samples according EN 10089, attachment D

Hardening temperature ± 10 °C	860
Hardening medium	Öl
Tempering temperature ± 10 °C	450
Rp0,2 Mpa min.	1300
Rm Mpa	1450 bis 1750
A % min.	6
Z % min.	25
Impact work at 20 °C KU J min.	13

56Si7 is a quality steel.