

## BS S82 - ACIER ALLIÉ S156

Le S156 est un acier Vacuum Air Remelted à haute résistance ayant une résistance à la traction comprise entre 1320 et 1520 MPa. Le matériau est fourni à l'état normalisé et adouci / recuit et développe une enveloppe résistante à l'usure après traitement de surface.

Specific Gravity									
7.8 g/cm <sup>3</sup>									
Typical Applications					Related Specifications				
Helicopter and aircraft gears  Motorsport gears					<b>16NCD17</b>  <b>W.Nr 1.6722</b>  <b>W.Nr 1.6723</b>  S82				
Chemical Composition (Wt %)									
	C	Si	Mn	P	S	Cr	Mo	Ni	Fe
Min	0.14	0.10	0.25	–	–	1.0	0.20	3.8	Bal
Max	0.18	0.35	0.55	0.015	0.012	1.4	0.30	4.3	–
Typical Mechanical Properties after heat treatment									
0.2% Proof Stress		Tensile Strength		Elongation	Reduction of area	Hardness			
MPA		MPA		%	%	ft lbf			
Min		Min	Max	Min	Min	Min			
1030		1320	1520	11	40	30			
Hardness in Normalised and Softened Condition									
277 HB Max									
* Every effort has been made to ensure that our technical specifications are accurate. However, technical specifications included within Dynamic Metals Ltd should be used as a guideline only and are subject to change									

without notice.

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## General Enquiries

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