

ACCIAIO LEGATO 300M

300M è un acciaio a bassa lega, fuso sotto vuoto, ad altissima resistenza. Essenzialmente è un acciaio AISI 4340 modificato con silicio, vanadio e un contenuto di carbonio e molibdeno leggermente superiore a 4340. 300M ha un'ottima combinazione di resistenza (1900-2100 MPA dopo il trattamento termico finale), tenuta, resistenza a fatica e buona duttilità. 300M è una lega ottenuta attraverso l'indurimento.

Specific Gravity										
7.83 g/cm3										
Typical Applications						Related Specifications				
Aircraft Landing Gear						AMS 6257				
Driveshafts						AMS 6417				
High Strength bolts						AMS 6419				
Gears						BS S155				
						BMS 7-26				
						MTL 1201				
						MIL S 8844				
Chemical Composition (Wt %)										
	C	Si	Mn	P	S	S+P	Cr	Mo	Ni	V
Min	0.39	1.5	0.6	—	—	—	0.7	0.3	1.65	0.05
Max	0.44	1.8	0.9	0.015	0.015	0.025	0.95	0.45	2	0.10
Typical Mechanical Properties										
				0.2% Proof Stress	Tensile Strength		Elongation		Reduction of area	
				MPA	MPA		%		%	
				Min	Min	Max	Min		Min	
Longitudinal				1550	1900	2100	8		30	

Transverse	1550	1900	2100	5	20
Hardness after Heat Treatment					
534 – 601 HB 52 – 55 HRC					
* 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.					

General Enquiries

T: +44 (0) 1525 217 556 [\(tel:+4401525217556\)](tel:+4401525217556)

E: sales@dynamicmetalsltd.com [\(mailto:sales@dynamicmetalsltd.com\)](mailto:sales@dynamicmetalsltd.com)



UK Address:

Head Office

40 Eden Way
Chartwell Business Park
Leighton Buzzard
Bedfordshire
LU7 4FY

T: +44 (0)1525 217 556 [\(tel:+441525217556\)](tel:+441525217556)

Conversion Centre

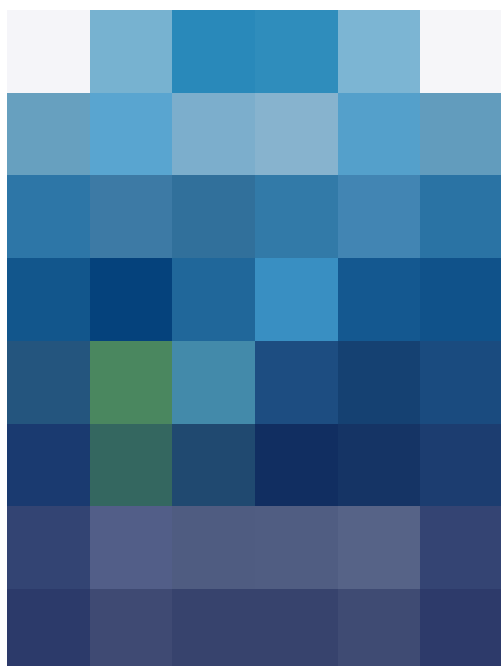
Suite 2 Meadowhall Riverside
Meadowhall Road
Sheffield
South Yorkshire
S9 1BW

T: +44 (0)1143 030 320 [\(tel:+4401143030320\)](tel:+4401143030320)

Registered Office (only)

The Granary
Crowhill Farm Ravensden Road
Wilden
Bedfordshire
MK44 2QS

T: +44 (0)1525 217 556 [_ \(tel:+441525217556\)](tel:+441525217556)



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