

4130 ALLOY STEEL BARS AND TUBING

4130 (AMS 6360, AMS 6370, AMS 6371, AMS 6348)

is a through hardening low alloy steel containing molybdenum and chromium as strengthening agents. 4130 responds well to nitriding for very good wear and abrasion resistance.

Specific Gravity

7.8 g/cm3

Typical Applications	Related Specifications				
Aircraft engine mounts	AMS 6360				
Aircraft seating	AMS 6370				
Roll Cages	AMS 6371				
Bicycle frames	AMS 6348				
Well head components	UNS G41300				
	Mil S 6758				
	Mil T 67366				

Chemical Composition (Wt %)

	С	Mn	Р	S	Si	Cr	Ni	Мо
Min	0.28	0.40	-	_	0.15	0.80	_	0.15
Max	0.33	0.60	0.025	0.025	0.35	1.10	0.25	0.25

Typical Mechanical Properties

	0.2% Proof Stress	Tensile Strength	Elongation Reduction of area		Hardness	
	MPA	MPA	%	%	HRC	
Tube	482	655	12			
Bar (Hardened and Tempered)	517 (min)	655 (min)	20 (min)	40 (min)	18-22	

03/05/2024 12:35 1 of 3

* This data has been supplied in good faith and is indicative only. It has been provided for general information purposes only and is not to be relied upon in place of the full specification. Mechanical properties can vary considerably with different tumply conditions such as heat treatment or temper and product dimensions.

No liability will be accepted by Dynamic Metals Ltd in respect of any action taken by any third party in reliance of any of the data provided.

The information provided in this datasheet has been taken from multiple recognised sources. No guarantee is given that the information is from the latest issue of these sources and no guarantee is given that the information in the datasheet is

Material supplied by Dynamic Metals Ltd may vary significantly from this data but will conform to the relevant and

As the products detailed may be used for a wide variety of purposes and as Dynamic Metals Ltd has no control over their use; Dynamic Metals Ltd specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

All transactions are subject to Dynamic Metals Ltd latest Terms and Conditions of Sale. The extent of the Company's liabilities

General Enquiries

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

E: 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)

Conversion Centre

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

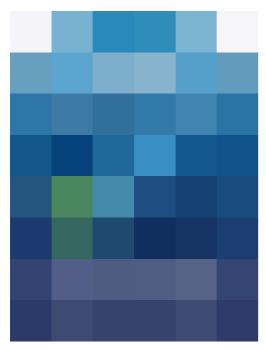
T: +44 (0)1143 030 320 (tel:+4401143030320)

Registered Office (only)

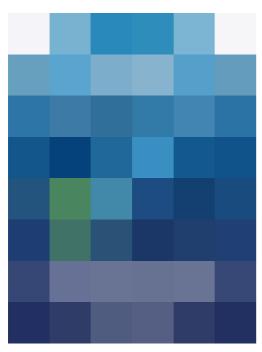
The Granary Crowhill Farm Ravensden Road Wilden Bedfordshire MK44 2QS

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

03/05/2024 12:35 2 of 3



(/media/zn2dbklo/cyber-essentials-certified-plus.png)



(/media/dyelbliq/cyber-essentialscertified.png)

03/05/2024 12:35 3 of 3