

ACIER ALLIÉ 4130 BARRES ET TUBES

Le 4130 (AMS 6360, AMS 6370, AMS 6371, AMS 6348) est un acier faiblement allié à durcissement à cœur, contenant du molybdène et du chrome comme agents de renforcement. Le 4130 répond bien à la nitruration pour une très bonne résistance à l'usure et à l'abrasion.

Specific Gravity

7.8 g/cm³

Typical Applications

Aircraft engine mounts
Aircraft seating
Roll Cages
Bicycle frames
Well head components

Related Specifications

AMS 6360
AMS 6370
AMS 6371
UNS G41300
Mil S 6758
Mil T 67366

Chemical Composition (Wt %)

	C	Mn	P	S	Si	Cr	Ni	Mo
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

* 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)



[\(/media/zn2dbklo/cyber-essentials-certified-plus.png\)](#)



[\(/media/dyelbliq/cyber-essentials-certified.png\)](#)