

## 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					Related Specifications			
Aircraft engine mounts Aircraft seating Roll Cages Bicycle frames Well head components					<b>AMS 6360</b>  <b>AMS 6370</b>  <b>AMS 6371</b>  <b>UNS G41300</b>  <b>Mil S 6758</b>  <b>Mil T 67366</b>			
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.

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