

Wingate Alloys Winco XR Special High Strength Alloy Wear Bar

Category : Metal , Ferrous Metal , Alloy Steel

Material Notes:

A superior substitute for 8620, 4140, 4130 and 6150. Winco XR Special's high physical properties and the fact that it can be heat treated by use of several different methods, resulting in different ranges of hardness, make it the perfect choice as a long lasting steel in many applications. Advantages: Pre-hardened steel with hardness range for many tool room and maintenance applications. Can be re-hardened to various hardness ranges by flame hardening, carburizing, nitriding or through hardening to a higher hardness range. All melts of Winco XR Special are electric furnace, vacuum degassed to provide optimum cleanliness of the finished product. High impact and wear properties retained at weld joints. Information from Wingate Alloys Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Wingate-Alloys-Winco-XR-Special-High-Strength-Alloy-Wear-Bar.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	28 - 32	28 - 32	
	55 - 57	55 - 57	Re-hardened

Component Elements Properties	Metric	English	Comments
Carbon, C	0.35 %	0.35 %	
Chromium, Cr	0.85 %	0.85 %	
Iron, Fe	>= 96.9 %	>= 96.9 %	
Manganese, Mn	0.75 %	0.75 %	
Molybdenum, Mo	0.45 %	0.45 %	
Silicon, Si	0.25 %	0.25 %	
Tungsten, W	0.45 %	0.45 %	

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