

MetalTek J92110 15-5 PH[®] Precipitation Hardening Steel

Category : Metal , Ferrous Metal , Stainless Steel , Cast Stainless Steel , Precipitation Hardening Stainless

Material Notes:

High strength stainless steel. More corrosion resistant than 400 series. Produced under license of ARMCO Advanced Materials Corp.

Applications: Cylinders, hollow shafts, marine gas turbine compressor sections. Information provided by MetalTek

Order this product through the following link:

http://www.lookpolymers.com/polymer_MetalTek-J92110-15-5-PH-Precipitation-Hardening-Steel.php

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.070 %	<= 0.070 %	
Chromium, Cr	14 - 15 %	14 - 15 %	
Copper, Cu	2.5 - 3.2 %	2.5 - 3.2 %	
Iron, Fe	74.18 - 78.85 %	74.18 - 78.85 %	As Balance
Manganese, Mn	<= 0.70 %	<= 0.70 %	
Nickel, Ni	4.5 - 5.5 %	4.5 - 5.5 %	
Niobium, Nb (Columbium, Cb)	0.15 - 0.35 %	0.15 - 0.35 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	

Descriptive Properties	Value	Comments
Heat Treatment	Sol. Anneal & Age	

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