

## Alloy C-263 DATA SHEET

AMS 5966

### DEPOSIT COMPOSITION

Ni	Fe	Cu	Mn	Si	S	C	Cr	Mo
<b>Balance</b>	<b>0.70 max</b>	<b>0.20 max</b>	<b>0.60 max</b>	<b>0.40 max</b>	<b>0.007 max</b>	<b>0.04-0.08</b>	<b>19.00-21.00</b>	<b>5.60-6.10</b>
Ti	Co	B	P	Al	Bi	Pb	Ag	
<b>1.90-2.40</b>	<b>19.00-21.00</b>	<b>0.005</b>	<b>0.015 max</b>	<b>0.30-0.60</b>	<b>0.0001</b>	<b>0.002</b>	<b>0.0005</b>	

Often used in aircraft engines and industrial gas turbines, this alloy has excellent strength at high temperatures and great formability.

#### Diameters

<b>0.030"</b>	<b>0.035"</b>	<b>0.045"</b>
<b>3/32"</b>	<b>1/16"</b>	<b>1/8"</b>
<b>5/32"</b>	<b>3/16"</b>	

Available in TiG cut length, MiG spools, and coil forms

**Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.**

C-263 is a registered trademark of HAYNES International.

**CAUTION:** Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210. SDS' may be obtained at the website below.