

CuAl10Ni5Fe4

Nickel Aluminum Bronze

Norms	Description	Applications
UNS C63000	Excellent choice for applications involving heavy loads, abrasive wear resistant, friction, abrasive wear and corrosion.	<ul style="list-style-type: none"> ● Bending Dies ● Wiper Dies and Mandrels ● Wear & Guide Plates ● Aircraft Landing Gear Bearings ● Gear Wheels

Chemical Composition		Mechanical Properties		Physical Properties	
Al	10 %	Hardness	200 - 240 HB	Electrical Conductivity	min. 8 % IACS
Fe	4,8 %	Tensile Strength	750 - 950 N/mm ²	Thermal Conductivity	42 W/mK
Ni	5,0 %	Yield Strength	500 - 700 N/mm ²	Density	7.45 g/cm ³
Mn	1,5 %	Elongation (L=5D)	> 4 %		
Cu	Balance				

Available Forms	Delivery Conditions
	Forged (additionally heat treated on request)

STANDARDS & CERTIFICATION

The quality control process is certified with **UNI EN ISO 9001:2015**

In our laboratories, all products are controlled with Optical Emission Spektrometer (OXFORD INSTRUMENTS), hardness/ electrical conductivity tests with bench-type hardness measurements, mobile conductivity testers according to **DIN 3.1.B STANDARDS**.

On request We deliver our products with US Tested (second level ultrasonic report) by third-party independent laboratories

By phone

Türkiye (Turkish):
+90 (262) 503 02 12

International (English):
+90 (262) 503 40 42

Mon. – Thurs. 9:00 - 18:00 (GMT+3)
Friday 9:00 - 15:00 (GMT+3)

By mail

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