

CuAl10Fe3Mn

Aluminum Bronze

Norms	Description	Applications
UNS C62400	High corrosion resistance and excellent hot formability for fabrication by hot forging and hot bending.	<ul style="list-style-type: none"> ● Bearing & Bushings ● Gears ● Cams ● Sleeves & Guides ● Valve Seats ● Valve Guides ● Gibs & Slides

Chemical Composition	Mechanical Properties	Physical Properties
Al 2,5 % Fe 0,3 % Mn 0.5 % Others 1.0 % Cu Balance	Hardness 140 - 180 HB Tensile Strength 650 - 750 N/mm2 Yield Strength 350 - 380 N/mm2 Elongation (L=5D) > 14 %	Electrical Conductivity min. 12 % IACS Thermal Conductivity 63 W/mK Density 7.45 g/cm3

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

GM Bakır Alaşımları San. Tic. Ltd. Şti.
Dilovası OSB Mahallesi , D-4011 Sokak
Nr:22/A Gebze Kocaeli -TURKEY,
41455