Technical Data Sheet

AMPCO[®] 21

Continuous Cast

Nominal composition:

Aluminium	(AI)	13.1%
Iron	(Fe)	4.4%
Others		max. 2.5%
Copper	(Cu)	balance



Assurances given with respect to properties or uses are subject to written approval from AMPCO METAL.

The increase in the AI and Fe content results in a material in which the hard gamma 2 phase (about 400 HB) is present.

By proper metallurgical control this hard constituent is uniformly distributed giving this alloy its ability to resist wear.

APPLICATIONS:

AMPCO[®] 21 is used for guide port bushings and wear strips replacing hardened steel and for some cams when no impact is involved. However, the largest single use is as die rings, inserts, forming rolls etc. in forming, bending or drawing operations, especially when stainless steel is the material being processed. AMPCO[®] 21 is also widely used as work support blades for the centreless grinding of steel rods.

