



Reduce cycle time with:

AMPCOLOY® 83, 88 and 95
...our hottest Beryllium-Copper alloys!

- ▶ High heat conductivity - 5 to 10 times better than steel!
- ▶ High wear resistance!
- ▶ Material is US-tested!
- ▶ Forged, rough machined and cut to any size!
- ▶ In stock for immediate shipment!

AMPCOLOY 83

Rounds: Ø 12.7 mm → 431.8 mm

Plates: Thickness: 25.4 mm → 355.6 mm

AMPCOLOY 88

Rounds: Ø 14 mm → 240 mm

Plates: Thickness: 50 mm → 100 mm

AMPCOLOY 95

Rounds: Ø 10 mm → 205 mm

Plates: Thickness: 50 mm → 152.4 mm

Rectangles: 16 x 16 mm → 80 x 80 mm

See on back for technical information ...





... we cut the solutions to your needs!

Norm

AMPCOLOY 83

ISO	-	-
EN	101C	
D	DIN 17672	W. Nr. 2.1247
F	AFNOR	UBe2
GB	BS	CB101 4577

Norm

AMPCOLOY 88 / 95

ISO	NFA 82100	-
EN	CW 103C	
D	DIN 17666	W. Nr. 2.1285
F	AFNOR	UK2Be
GB	BS	-

Beryllium-Copper applications:

AMPCOLOY 83

Wherever good wear resistance or high mechanical properties are desired coupled with a good electrical or thermal conductivity, such as: flash welding die, parts for electrical components, in the plastic mould industry AMPCOLOY 83 is sometimes used as chill plates and inserts in the moulds, cooling pins and neck rings or bottom plates for blow moulds of plastic bottles.

AMPCOLOY 88

The applications are generally the same as AMPCOLOY 95. Although both alloys are identically classified, AMPCOLOY 88 finds its own applications due to its slightly higher mechanical properties. AMPCOLOY 88 is principally used for flash welding dies, welding wheels, plunger tips in aluminium die casting machines and parts for injection molding of plastic.

AMPCOLOY 95

AMPCOLOY 95 finds also its own applications due to its slightly higher mechanical properties. AMPCOLOY 95 is principally used for spot welding electrodes and seam welding discs for stainless steel, Monel and nickel alloys, flash welding dies, plunger tips in aluminium die casting machines, electrode holders and parts for injection moulding of plastic wherever a high thermal conductivity is desirable.



info@ampcometal.com

Ampco Metal

your solution provider

www.ampcometal.com