

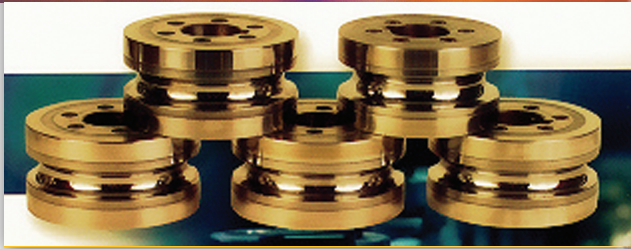


NBM 37Rc "Die Bronze"

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HIGH STRENGTH ALUMINUM BRONZE

LEADING MANUFACTURER & MASTER DISTRIBUTOR OF BRASS, BRONZE, & COPPER ALLOYS



NBM 37Rc "Die Bronze" is an extra high strength aluminum bronze alloy, is manufactured to reduce galling and scratching in the forming of stainless steel, aluminum, titanium and pre-finished metals.

Sizes Available From NBM

SOLID BAR up to 8.5" diameter
WEAR PLATE 1/2"- 3" thick x 2"- 12" width

Spec Equivalents

Continuous Cast
ASTM B-505*
(* for reference purpose only)

Chemical Composition

	Cu ⁽¹⁾	Al	Fe	Other
min/max	79.5	15.0	5.0	<.5

Hardness Range

37Rc - 42Rc
344 BHN - 395BHN

Typical Uses

- Bronze Forming Rolls
- Bronze Welding Rolls
- Bronze Deep Drawing
- Bronze Bending & Wiper Dies
- Bronze Tubes Mandrels
- Shoe Bronzes
- Bronze Die Inserts

Advantages

- Non-galling-resists scratching and pick-up. Reduces buffing and polishing of stainless trim.
- Non-Loading-resists weld flash, good release properties
- Non-magnetic-resists metal particle attraction which leads to galling.
- Low coefficient of friction-Less prone to thinner sections for smoother draws & better heat sink transfer
- Non-rusting-Longer shelf life
- Increased die life-Less frequent dressings
- Non-pinching / Non-tearing



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