Daido's

Dream Series

DRM2

Warm and Cold Forging Die Steel

Features

- Matrix type high speed tool steel available for warm and cold forging tools where critical performance is required.
- DRM2 prolongs service life due to its higher hardness and toughness than those of conventional grades.
- Applicable with the maximum hardness 62HRC
- Fine microstructure contributes to high toughness and fatigue strength
- Greater hardenability results in high performance even in large dies and gas quenching in vacuum furnace.
- Double melting realizes clean and homogeneous steel with less non-metallic inclusions

Applications

- Warm forging dies and punches
- Cold forging dies and punches

Heating treatment

- Annealing
- Quenching
- Tempering

Microstructure (As annealed)

- Fine and uniform microstructure with less coarse carbides

DRM2 (Middle of 100 dia. bar)
Conventional steel (Outer)

(Cr3C2, Electrically etching)