

Cold Work Tool Steel BM1.2767

1.2767 is a nickel alloyed cold work steel with high hardenability, excellent toughness and good polishability. It also has moderate machinability and very high resistance against bending.

Chemical Composition

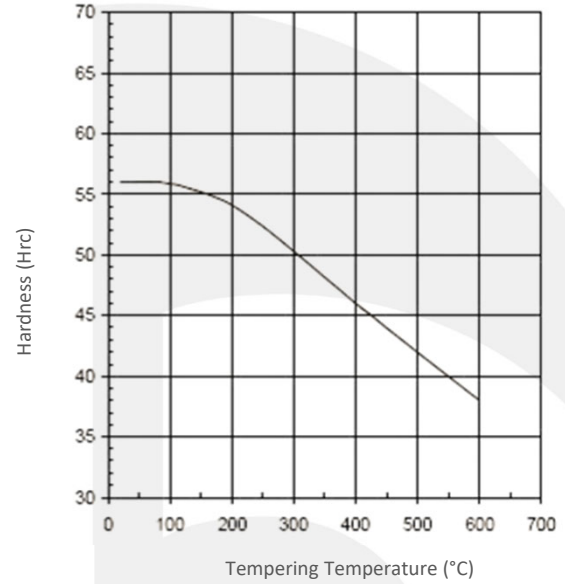
0.40-0.50 % C	0.10-0.40 % Si	0.20-0.50 % Mn
1.20-1.50 % Cr	0.15-0.35 % Mo	3.80-4.30 % Ni

Applications

- Cutlery molds,
- Drawing cheeks,
- Patterning and bending molds,
- Support tools,
- Cold forging and forming molds.

Heat Treatment Properties

Normalization °C	1100-850
Soft Annealing °C	640-720
Delivery Hardness HB 30	max. 262



Hardness	Hardening Range	
Austenitizing °C	Cooling	HRC
840-870	Vacuum, Oil, Fluid bed	56

Tempering °C	100	200	300	400	500	600
HRC	56	54	50	46	42	38

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