

Plastic Mould Steel BM1.2764

1.2764 is a plastic mould steel with high wear resistance and brightness. Shell hardened steel.

Chemical Composition

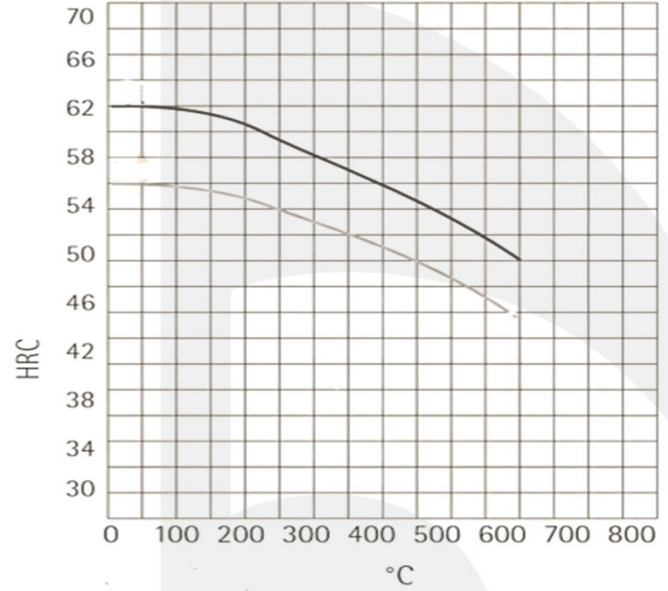
0.16-0.22 % C	0.10-0.40 % Si	0.15-0.45 % Mn
1.10-1.40 % Cr	0.15-0.25 % Mo	3.80-4.30 % Ni

Applications

- Press tools
- Highly stressed plastic moulds
- Profiling rolls

Heat Treatment Properties

Normalization °C	1050-850
Soft Annealing °C	600-630
Delivery Hardness HB 30	max. 250



Hardness	Hardening Range	
Austenitizing °C	Cooling	HRC
810-830	Vacuum, hot bath, air	61

Tempering °C	100	200	300	400	500
HRC	61	59	-	-	-

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