

Cold Work Tool Steel BM1.2601

1.2601 is a cold work steel with 12% chromium with ledeburitic internal structure. It has good abrasion resistance and good toughness at the same hardness.

Chemical Composition

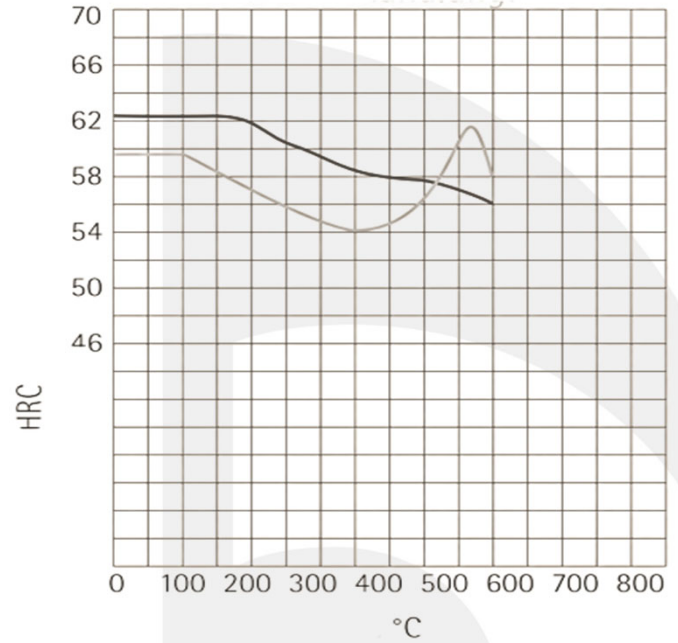
1.55-1.75 % C	0.25-0.40 % Si	0.20-0.40 % Mn	0.40-0.60 % W
11.00-12.00 % Cr	0.50-0.70 % Mo	0.10-0.50 % V	

Applications

- Cutting tools, stamping
- Wood working
- Drawing, deep drawing tools
- Pressing tools
- Cold working rolls
- Measuring tools

Heat Treatment Properties

Normalization °C	1120-850
Soft Annealing °C	800-840
Delivery Hardness HB 30	max. 255



Hardness		Hardening Range
Austenitizing °C	Cooling	HRC
980-1020	Vacuum, Oil, Fluid bed	63-64

Tempering °C	100	200	300	400	500	525	600
HRC	62	61	60	58	59	60	57

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