

Cold Work Tool Steel BM1.2210

1.2210 is a Chromium and vanadium alloy, easy to process and heat treatable, with the feature of not breaking off from the cutting edges. It is a cold work tool steel which is wear resistant.

Chemical Composition

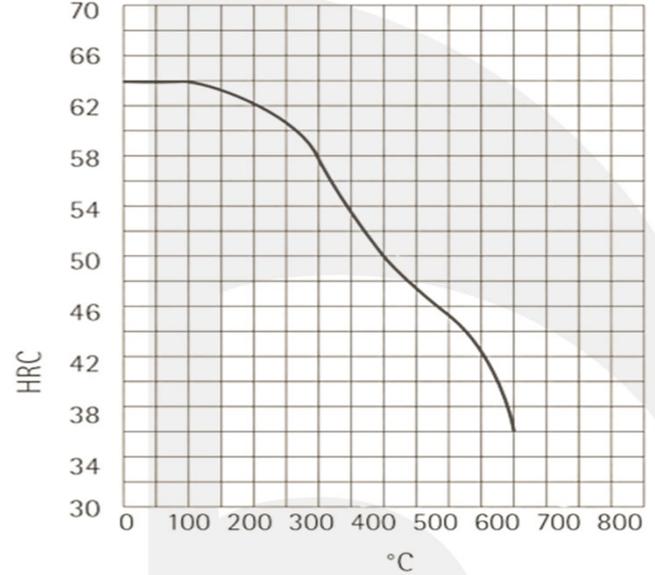
1.17 % C	0.23 % Si	0.30 % Mn
0.65 % Cr	0.10 % V	-

Applications

- Enjectors,
- Metal saws,
- Boaching and engraving tools,
- Rpiral and tap drills,
- Dental borers,
- Reamers and screw taps

Heat Treatment Properties

Normalization °C	1050-850
Soft Annealing °C	710-850
Delivery Hardness HB 30	max. 223



Hardness	Hardening Range	
Austenitizing °C	Cooling	HRC
1020-1050	Vacuum, Oil, Fluid bed	55

Tempering °C	100	200	300	400	450
HRC	64	63	59	54	47

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