

High Speed Steel BM1.3207

1.3207 is a highspeed steel with a very high Cobalt content. Its wear resistance is superior to other high-speed steels, as it maintains its hardness at high temperatures.

Chemical Composition

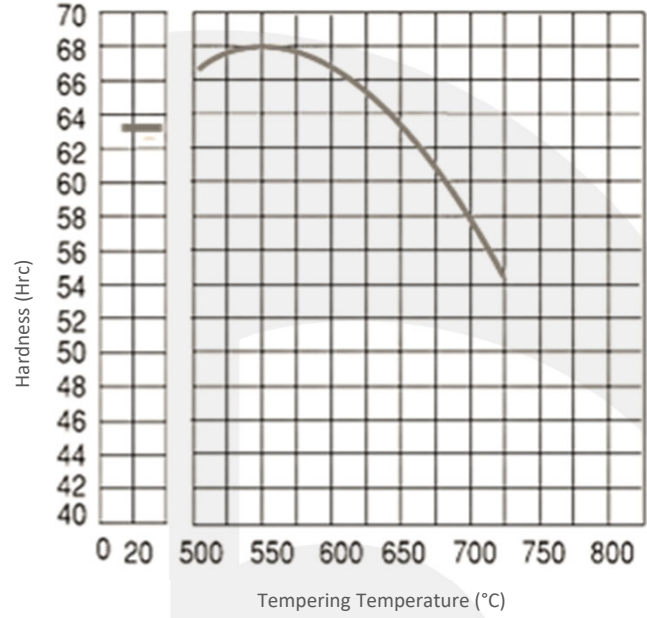
1.20-1.35 % C	9.00-10.00 % W	9.50-10.50 % Co
3.80-4.50 % Cr	3.20-3.90 % Mo	3.00-3.50 % V

Applications

- Blades for wood machining
- CNC machining
- Plastic mold machining

Heat Treatment Properties

Normalization °C	1120-900
Soft Annealing °C	850
Delivery Hardness HB 30	max. 300



Hardness	Hardening Range	
Austenitizing °C	Cooling	HRC
1200-1240	-	66

Tempering °C	100	200	300	400	450	500	550	600	650	700
HRC	65	64.5	64	64.5	65.5	67	66.5	63	57	46

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