

# Hot Work Tool Steel BM1.3342

1.3342 is a high speed steel which yield strength and hardness are better than other high speed steels.

## Chemical Composition

0.95-1.05 % C	3.80-4.50 % Cr	4.70-5.20 % Mo	≤ 0.40 % Mn
1.70-2.00 % V	6.00-6.70 % W	≤ 0.45 % Si	

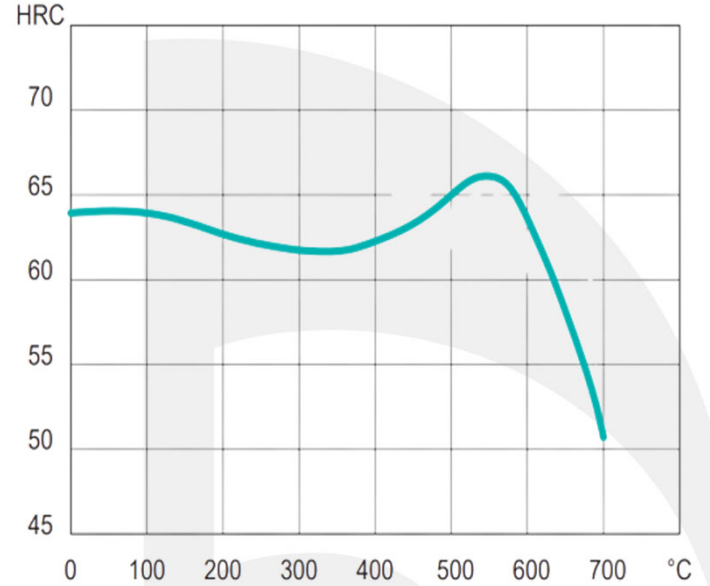
## Applications

Unlike 1.3343, 1.3342 is resistant to high temperatures and temperature changes. Used for hobs, module mills and drill bits for machining very high resistance materials.

## Heat Treatment Properties

Normalization °C	1120-926
Soft Annealing °C	800-880
Delivery Hardness HB 30	max. 300

Hardness	Hardening Range	
Austenitizing °C	Cooling	HRC
1200-1240	Oil, Warm bath	63



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