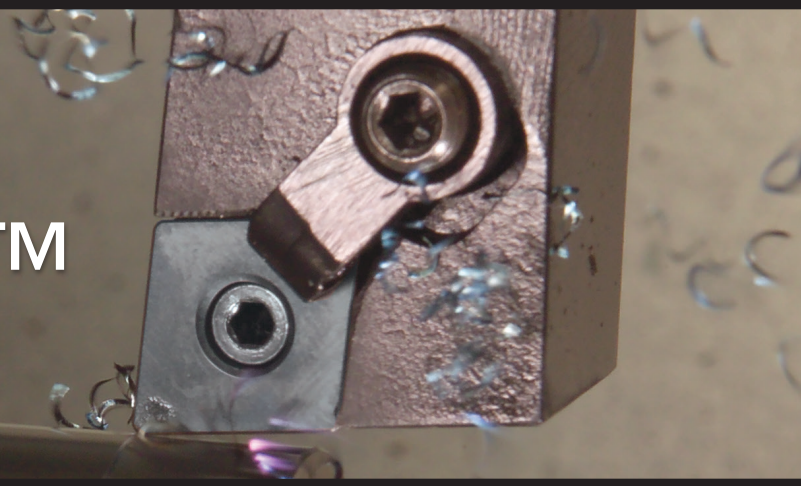




# Greenleaf®

Saegertown, PA 16433 | 814-763-2915 | [www.greenleafcorporation.com](http://www.greenleafcorporation.com)

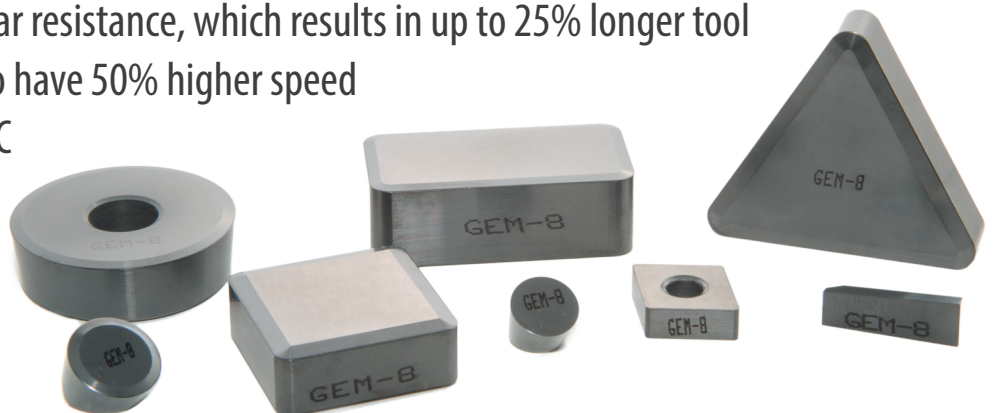
## INTRODUCING GEM-8™



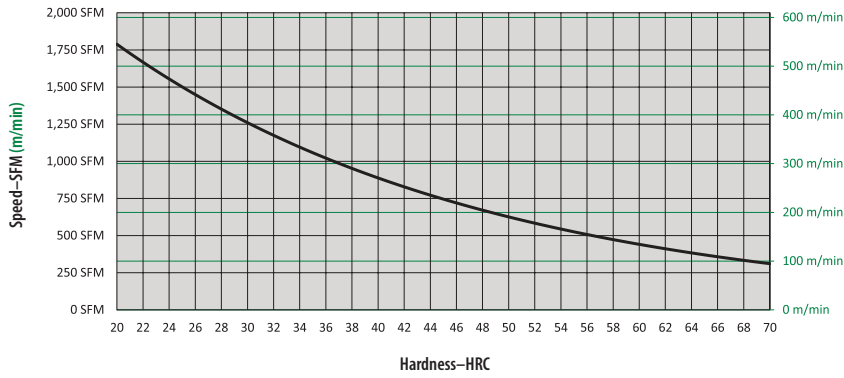
*GEM-8™ is a next generation aluminum oxide and titanium carbide composite with increased tool life and a high degree of predictability.*

**GEM-8™** is recommended for continuous turning of roll materials, gray and nodular cast irons, and hardened steel. Higher strength provides superior edge integrity, making this grade suitable for machining high-strength, high-hardness materials compared to cold-pressed and sintered  $\text{Al}_2\text{O}_3$  (white) ceramics.

**GEM-8™** shows improved wear resistance, which results in up to 25% longer tool life, and has also been proven to have 50% higher speed capabilities over other  $\text{Al}_2\text{O}_3 + \text{TiC}$  composite ceramics.

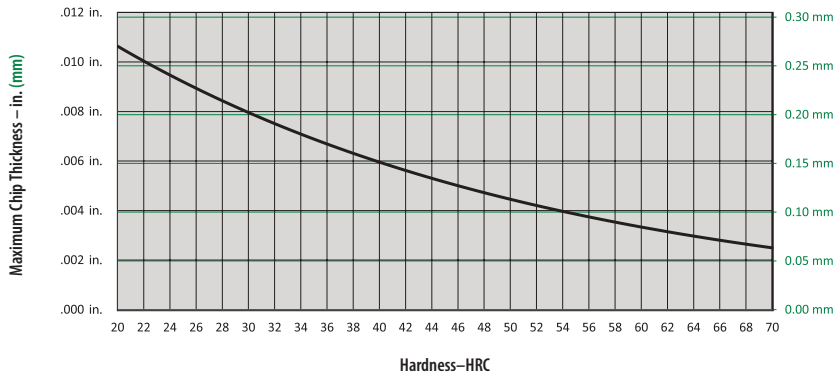


Cutting Speed (vc)

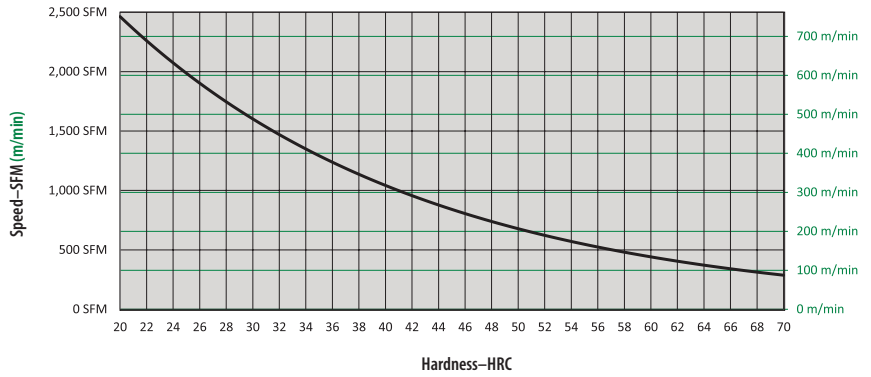


# Turning Steel

Maximum Chip Thickness (hex)

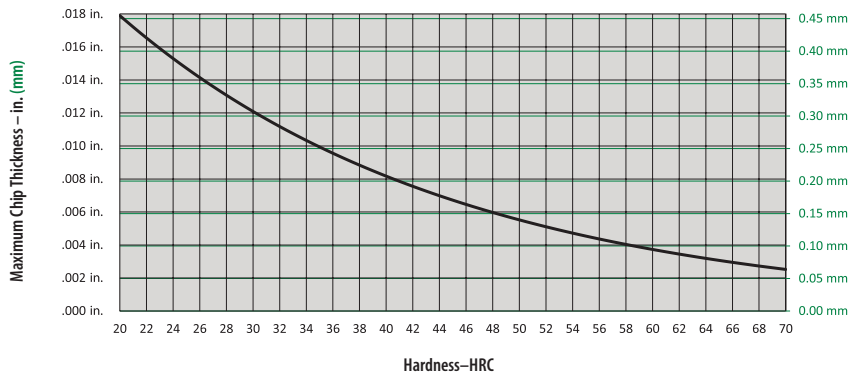


Cutting Speed (vc)



# Turning Cast Iron

Maximum Chip Thickness (hex)



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