



# Greenleaf®

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

# MAXIMIZE CAST IRON MACHINING

*while minimizing cost*

**GSN100™** is an engineered blend of silicon nitride and proprietary toughening agents that redefine productivity in the machining of cast iron.

**GSN100™** displays superior toughness, longer tool life, and excellent surface finishes at elevated feeds, getting the most out of your machine tool.



## OUTSTANDING TOOL LIFE AT EXTREME CUTTING SPEEDS

- Unique hot-pressed silicon nitride ceramic for machining cast irons
- Superior wear and toughness for turning and milling applications
- Available in all standard geometries and engineered specials

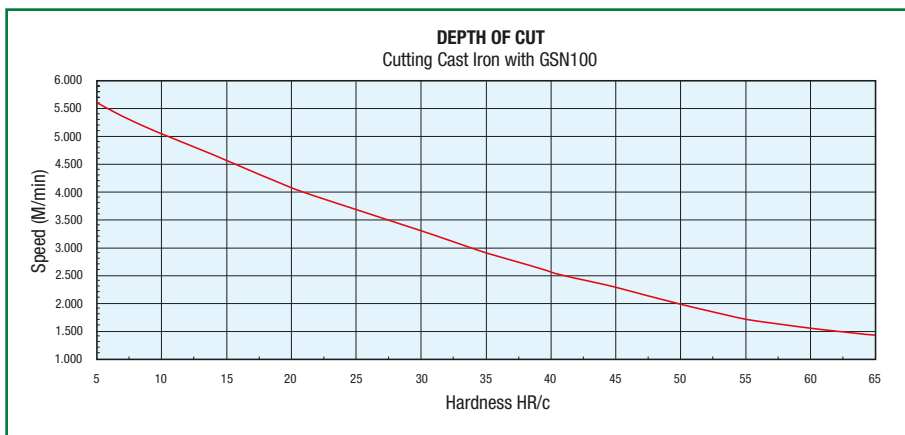
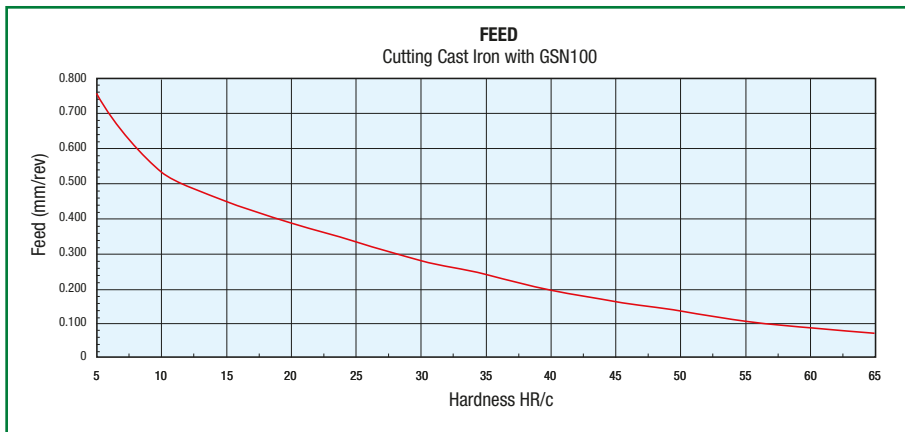
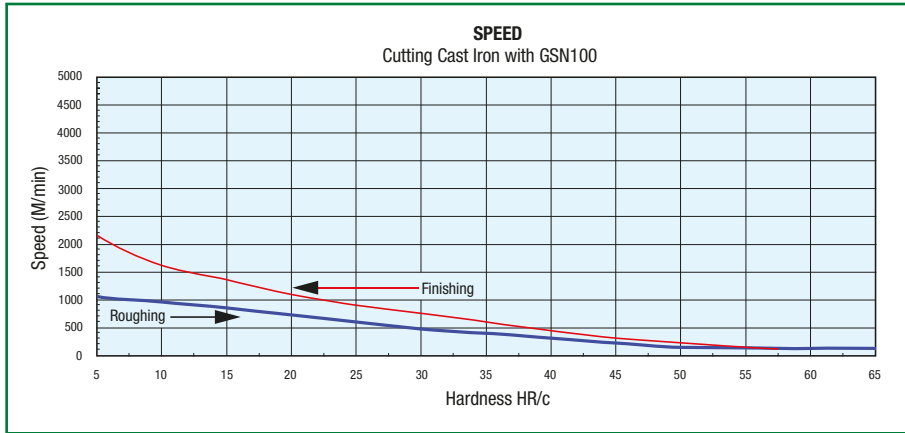
Greenleaf Europe B.V.  
Schimmert, The Netherlands  
+31-45-404-1774  
[eurooffice@greenleafcorporation.com](mailto:eurooffice@greenleafcorporation.com)

Greenleaf (Hunan) High-Tech Materials Co., Ltd.  
Changsha, Hunan 410205, China  
+86-731-89954796  
[info@greenleafcorporation.com.cn](mailto:info@greenleafcorporation.com.cn)

  
**MADE IN THE USA**  
Greenleaf Corporation  
is ISO 9001 Certified.

## Cutting Cast Iron with GSN100™

METRIC



Greenleaf is the industry leader in the development and manufacture of ceramic and coated ceramic inserts in ANSI standard and special geometries. Some of the most prominent include:

- WG-300®** Whisker-reinforced
- WG-600®** Coated whisker-reinforced
- WG-700™** Coated whisker-reinforced
- XSYTIN™-1** Phase-toughened
- GSN100™** Silicon nitride
- GEM-7™** Al<sub>2</sub>O<sub>3</sub> + TiC composite
- GEM-19™** Cold pressed and sintered Al<sub>2</sub>O<sub>3</sub>

\*Suggested edge prep: T2

