

2015

GROOVEX

Innovative Grooving Solutions

NPA 11

vargus
NEUMO Ehrenberg Group

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VG-Cut

NEW

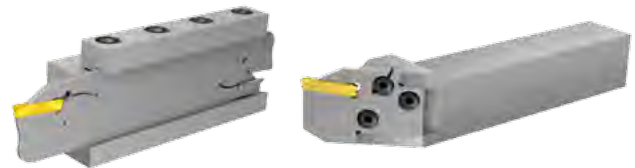
Deep Grooving, Threading and Parting Off

VG-Cut

Deep Grooving, Threading and Parting Off

GROOVEX VG-Cut Features

- Full range of grooving and turning applications:
 - Deep grooving
 - Threading between shoulders and close to spindles - Up to a shoulder depth of 10.0 mm
 - Turning
 - Profiling and undercut
 - Parting off
- Designated chip-forming insert geometries for various work piece materials, applications and conditions with two corners (VGD) or one corner (VGS)
- Inserts are offered in three carbide grades:
 - VMG M35 PVD for low to medium cutting speeds and recommended for parting off on stainless steel and for interrupted cuts
 - VPG P20 PVD for medium to high cutting speeds and recommended for alloy steels in grooving and turning applications
 - VKG K25 CVD with excellent wear resistance in high cutting speeds and recommended for cast iron or alloy steel under stable conditions
- Holders and blades come in a variety of sizes and formats:
 - External monoblock tools, in shank sizes 12, 16, 20, 25, with t max Medium of 12 mm and t max Long of 21 mm
 - Modular holders, with a Module t max of 25 mm
- Standard blade sizes 26 and 32, providing parting off D max of 100 mm with the VGS one-corner type; Reinforced Blades Size 26, with a D max of 48 mm with the VGS type



GROOVEX VG-Cut Benefits

- Focused program with designated Chip Former Geometry for machining a wide range of work piece materials and various applications
- Unique PVD and CVD coated inserts, available in three Carbide Grade types, ensure full application coverage with secure operation and optimized productivity
- Superior cutting geometry for threading offers a varied range of standards for machining between shoulders and close to spindle for high productivity
- Exceptional blade design and material for Parting Off ensures longer tool life for tough applications

VG-Cut Movie

[See it in action:](#)



Please contact me directly with specific questions and requests.
 For additional updates and news visit, the VARGUS website: www.vargus.com


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 GROOVEX Product Manager