

**NEW
EDITION 04**

GROOVEX

Main Catalog

**Updated and Expanded
GROOVEX Main Catalog**
 Item No. 221-01709, Edition 04
**is now available
 in PRINT AND ONLINE!**

WHAT'S NEW:

All products from GROOVEX Supplement (221-01752) were added:

- V-CAP modular system for **VG-Cut**
- V-CAP and square bodies modular system for **GrooVical**
- V-CAP holders for Mini-V and **microScope**

VG-Cut:

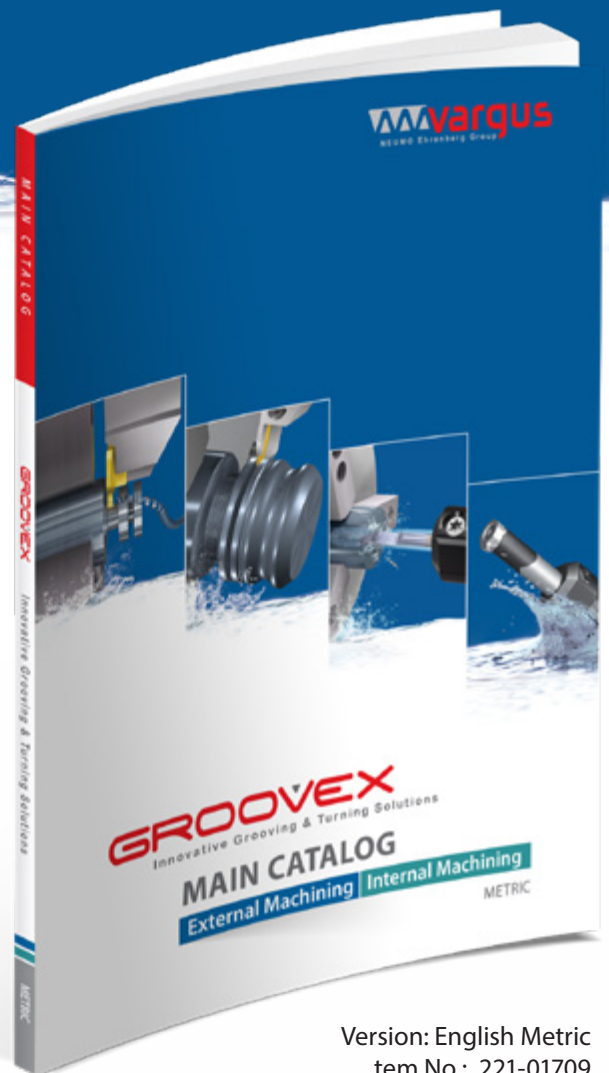
- New chip forming geometries, radii and expanded range of grades available from stock
- Additional toolholders and blades
- New internal boring holders for better machining - See NPA 18 for more details

GrooVical:

- Increased width, radius and grade range in all grooving applications

microScope:

- New Insert Family: Boring & Profiling with Chip Breaker & High Pressure Coolant (CBLF) - See NPA 19 for more details
- Increased grade availability in all boring and grooving applications



Version: English Metric
 Item No.: 221-01709

Please be in direct contact with me for any specific questions or requests.
 For additional updates and news,
 visit the new VARGUS website: www.vargus.com



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Scroll down for complete details 

GROOVEX Main Catalog

New Items & Features:



Pages

GENERAL

ISO Certificate Updated

Tightening Torque recommendations added for all tools

EXTERNAL MACHINING

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VG-Cut

Added machining recommendations for Radial Grooving & Turning

16-17

Improved machining recommendations for Face Grooving roughing methods

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Necessary coolant accessories and Spare Parts table added

20

VG-Cut Inserts:

VGD3.00-030-GM2 VMG, VGD4.00-080-GT VPG, VGD2.00-020-15R-GP VMG, VGD2.00-020-15L-GP VMG

VGD2.00-100-GR VKG, VGD3.00-150-GR VKG, VGD3.00-020-6L-GM VPG

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VG-Cut Toolholders:

Reinforced monoblock tools (PH) added - VGER/L1616-3T21PH

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Reinforced blades for grooving & parting off added -VGWR/L32-2S, VGWR/L32-3S

32

Radial module limitations added for non-coolant modules

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Face grooving D min and D max parameters updated

37

V-CAP bodies with HPC

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GrooVical

Groovical Close to Shoulder Inserts (GVN):

Square Turning & Grooving

GVN26RT1.0-0.12 VTX, GVN26RT1.4-0.05 VTX, GVN26RT1.5-0.20 VTX, GVN26RT2.0-0.1 VKX

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Square Grooving

GVN26R/LS0.5-0.12 VTX, GVN26RS/L0.77-00 VTX, GVN26RS1.0-0.1 VTX, GVN26RS1.5-0.1 VTX, GVN26RS1.6-0.4 VTX, GVN26RS1.8-0.15 VTX, GVN26RS1.8-0.4 VTX, GVN26RS1.9-0.4 VTX, GVN26RS2.0-0.15 VTX, GVN26RS2.0-0.4 VTX, GVN26RS2.25-0.4 VTX, GVN26RS2.25-0.8 VTX, GVN26RS2.4-0.15 VTX, GVN26LS2.45-0.3 VTX, GVN29RS4.15-0.6 VTX

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Round Grooving

GVN26RR1.5-0.75 VTX, GVN26RR2.39-1.19 VTX, GVN29RR1.5-0.75 VTX, GVN29RR2.0-1.0 VTX

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Parting Off

GVN26RP0.8-0.05-06R VTX, GVN26RP1.0-0.05-15R VTX, GVN26LP1.2-0.08-05R VKX, GVN26LP1.4-0.00-15R VTX, GVN26RP1.4-0.2-06R VTX, GVN26RP2.0-0.1-10R VTX

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Groovical Neutral Square Grooving (GV29) Inserts:

GV29RS4.0-0.8 VTX, GV29RS4.5-0.3 VTX

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Groovical Toolholders:

GrooVical Modules with High Pressure Coolant

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Modular Bodies with High Pressure Coolant

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V-CAP bodies with High Pressure Coolant

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