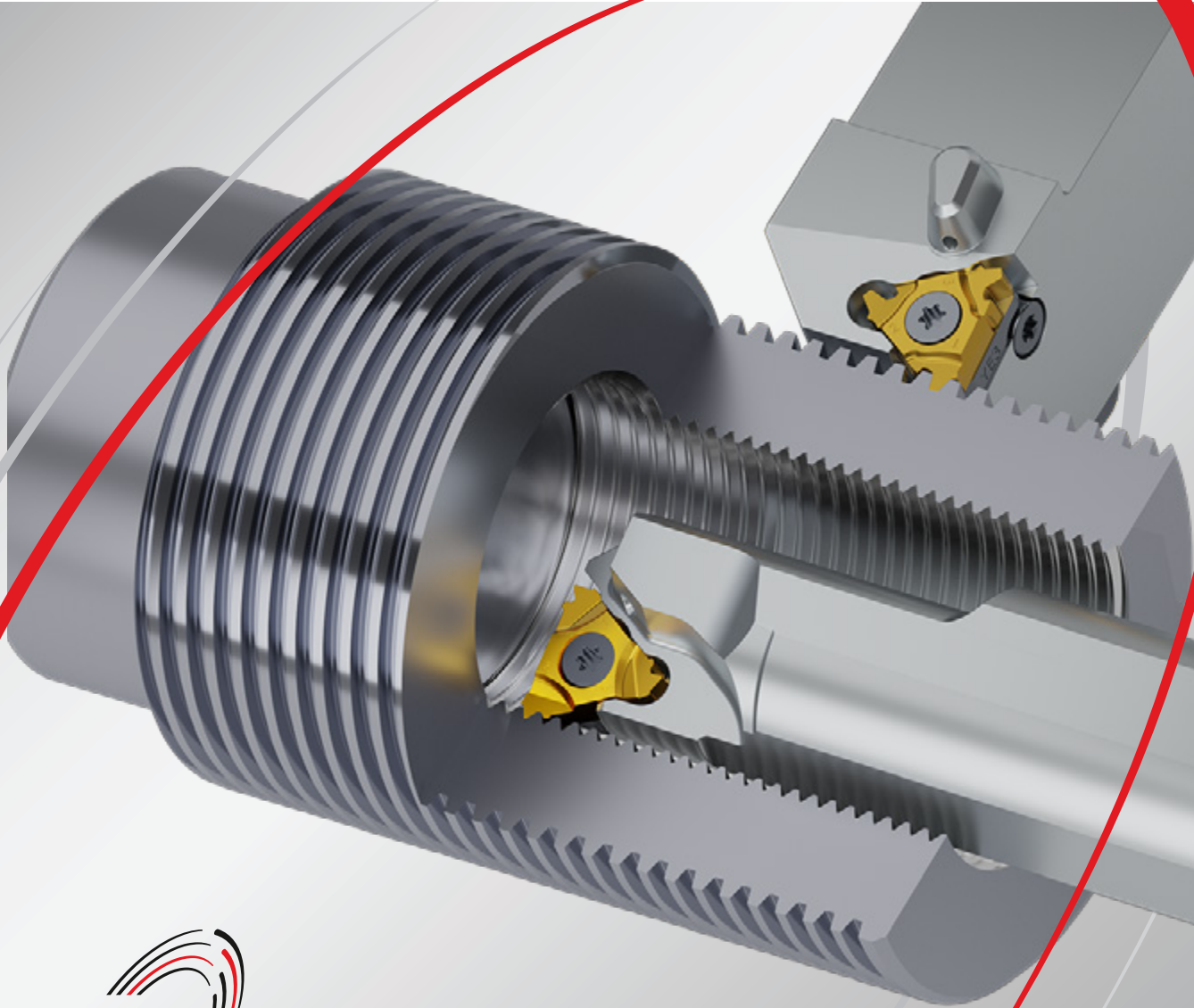
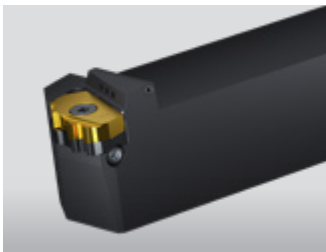


# SPOTLIGHT



**MACH**  
Supersonic  
Threading

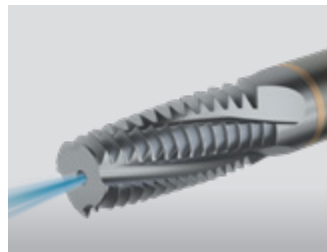
**UNMATCHED  
PRODUCTIVITY**



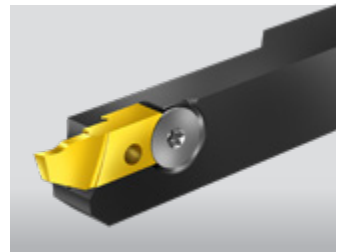
**MACH 25**



**V-WHIRLING**



**MACH TM**



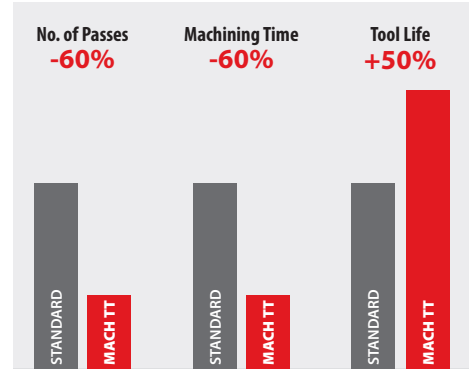
**ST-Cut**

# UNMATCHED PRODUCTIVITY



## The Revolutionary Threading Solution for **EXTERNAL &** **INTERNAL** Applications

Available in:  
IC 3/8" (16) - EX & IN  
IC 1/2" (22) - EX



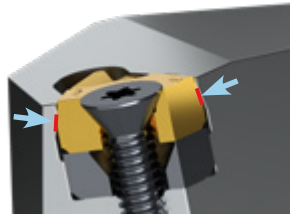
**MORE THAN 2 TIMES FASTER**

### VK8 Grade

- High wear resistance for general purpose applications
- AlTiN + TiN PVD coating

### Vargus Dovetail Clamping System

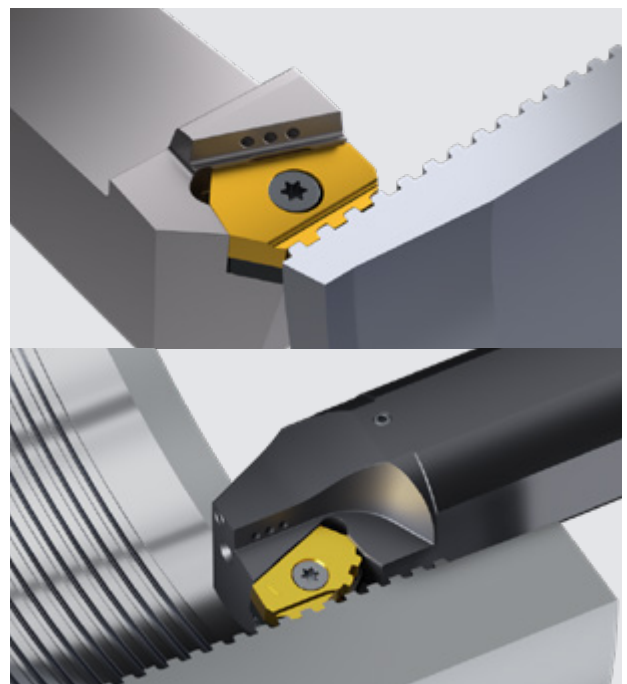
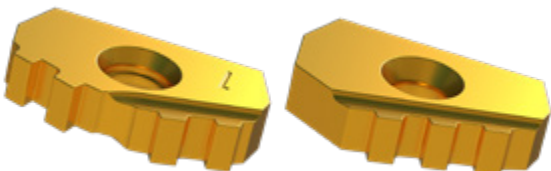
- Super Rigid
- Designed for high loads



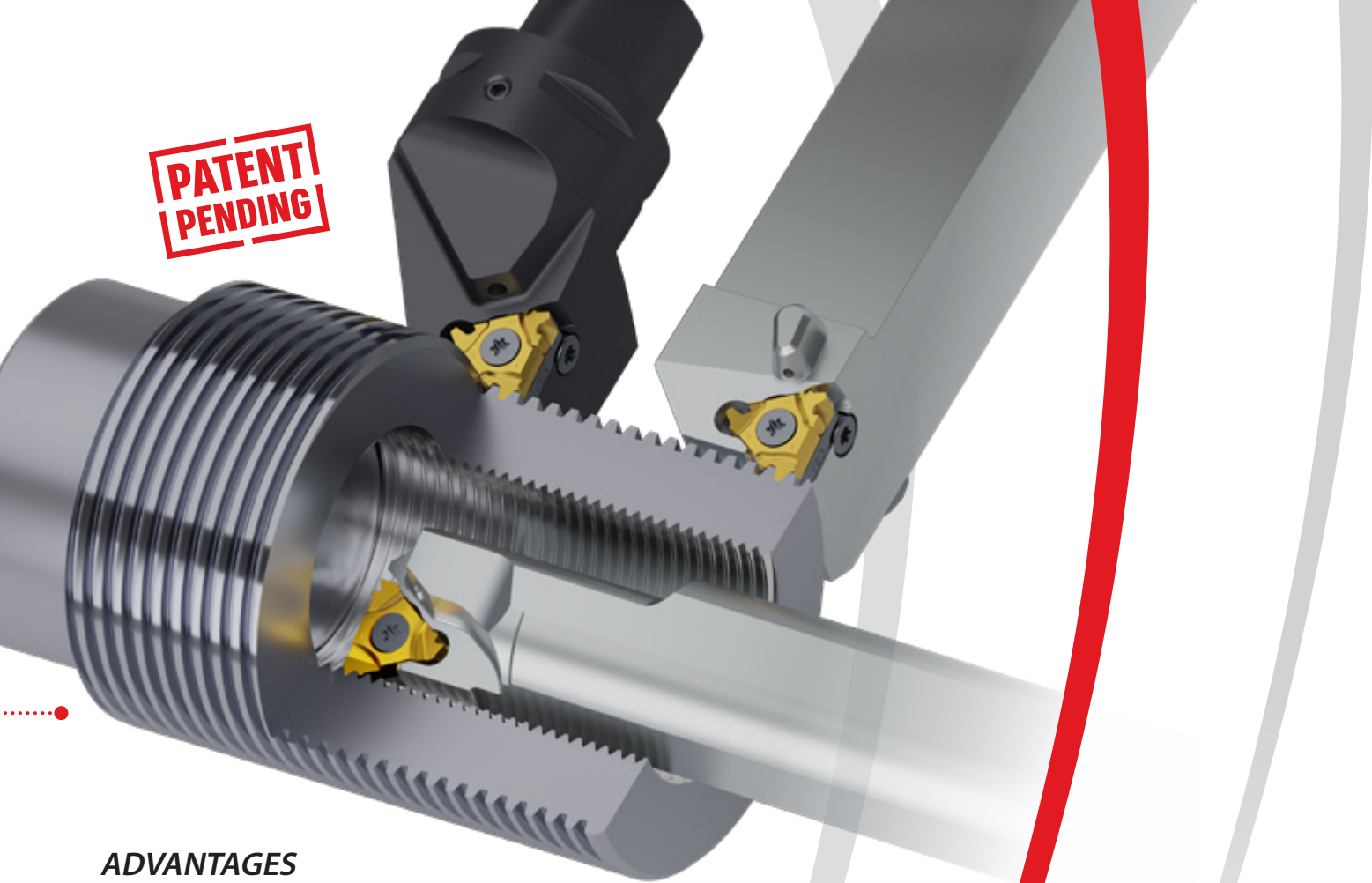
### ADVANTAGES

- ✓ Extended tool life
- ✓ Excellent surface finish
- ✓ Versatile System - One holder can use either single-sided or double-sided inserts

**Oil&Gas**

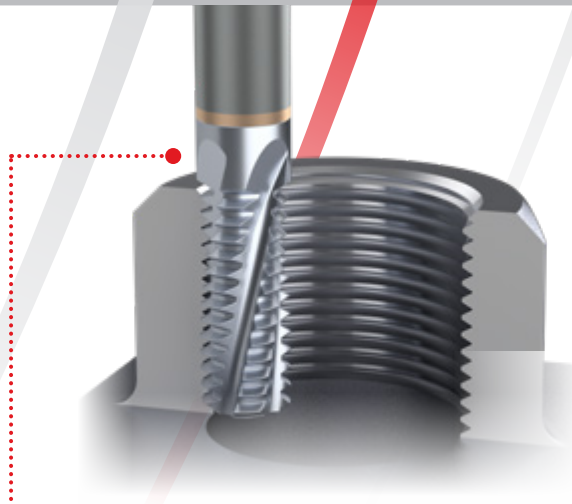


**PATENT  
PENDING**

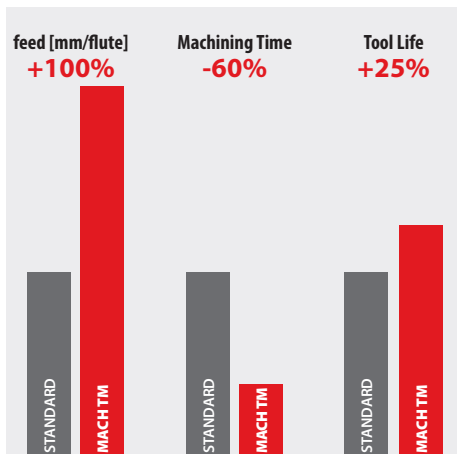


## ADVANTAGES

- ✔ Significantly reduces the number of passes
- ✔ Dramatically decreases machining time
- ✔ Improved rake & reinforced geometry
- ✔ Eccentric internal toolholder design
- ✔ Extended tool life
- ✔ Excellent surface finish



**HIGH  
feed  
mm/flute**  
MACH™



**MORE THAN 2 TIMES FASTER**

## VH4 Grade

- High wear resistance for general purpose applications
- TiN PVD coating

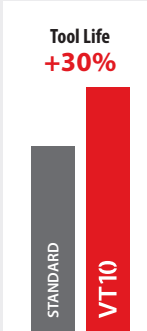
## ADVANTAGES

- ✔ High feed mm/flute
- ✔ Dramatically decreases machining time
- ✔ Extended tool life
- ✔ Excellent surface finish

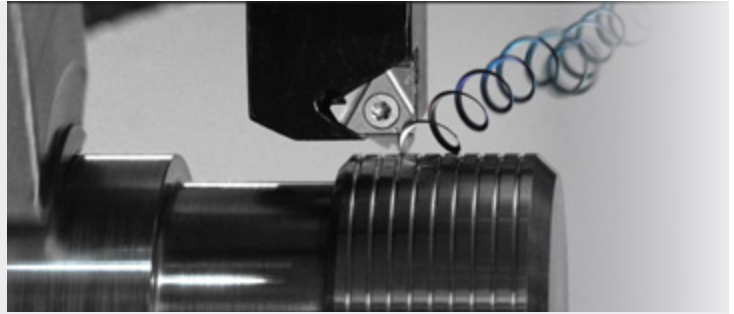


## VT10 Grade

New Innovative Surface Treatment



**INCREASES  
TOOL LIFE  
more than  
30%!**

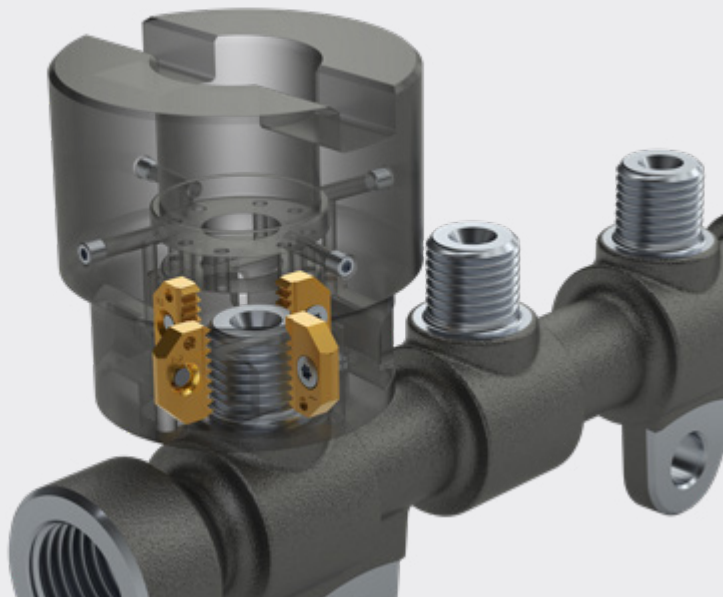


- Multipurpose grade for a wide range of materials
- High consistency
- Especially effective in unstable cutting conditions
- Available for all standard laydown inserts (EX & IN) in size IC 3/8" (16)

## Bell Shape System

High Productivity Design for External Thread Milling Applications

- Short toolholder movements for dramatically reduced machining time
- Enclosed holder structure
- Massive coolant thru with 12 outlets
- Inserts with 2 cutting edges



## TM Solid MilliPro for Extra-long Threads 4xDo & 5xDo



- Small solid carbide tools, designed for extra deep threads
- Available as standard catalog items
- Grade - **VTH**
- Cutting conditions – use the lower cutting conditions of MilliPro 3xDo



## V-TAPS

Advanced Tapping Solutions

- Four different geometries in an assortment of grades
- Suitable for blind hole and through hole operations
- Tools are designed to work on a wide range of materials



# Medical & Miniature

VARGUS Solutions for the Medical Industry and Miniature Applications



## GROOVEX

### ST-Cut

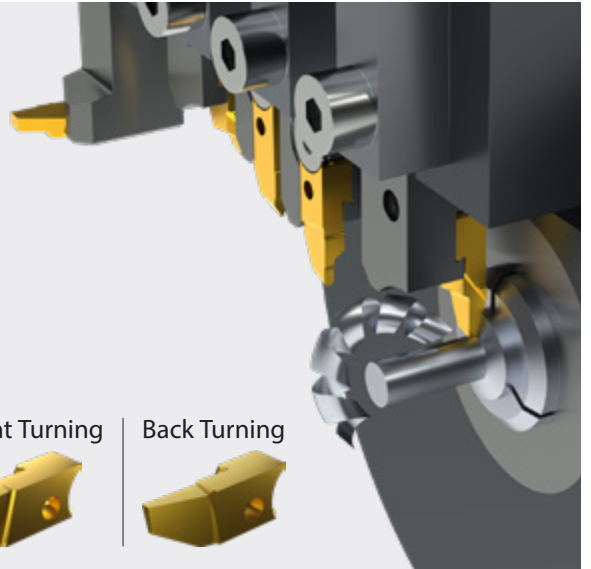
Precise tools for external machining on Swiss type machines for a broad range of applications

- Unique insert replacement system
- Quick and easy change of insert inside the machine from both sides of the tool
- High repeatability of the cutting edge on all axes
- 17mm maximum parting off diameter, with up to 3mm notch width
- Excellent rigidity
- Insert edge treatment for increased tool life

Front Turning



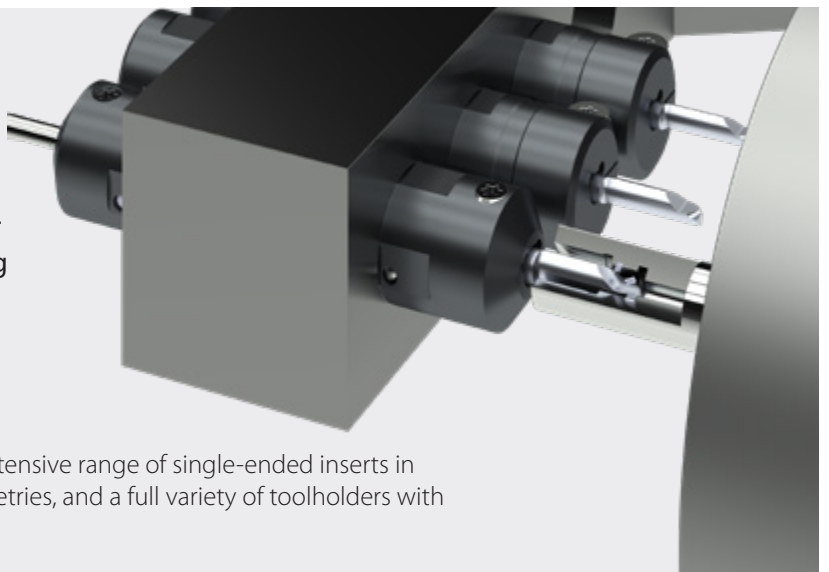
Back Turning



## GROOVEX

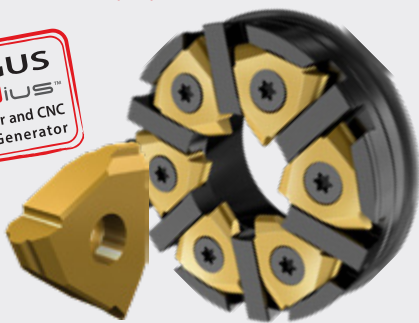
### microscope

Micromachining solutions for Boring, Grooving & Threading in bores as small as 0.7mm



The **Microscope** line offers an extensive range of single-ended inserts in assorted chipbreakers and geometries, and a full variety of toolholders with a simple clamping system.

## VARDEX



### V-WHIRLING

High precision whirling system for medical and micromachining applications

## GROOVEX

### microbroach

Dedicated broaching tools for Hexagon and Torx® sockets

- Unique VARGUS design
- Fits popular driven tools
- Sockets range:



Hexagon sockets  
2.5 mm – 10.0 mm



Torx® sockets  
TX15 – TX30



## GROOVEX

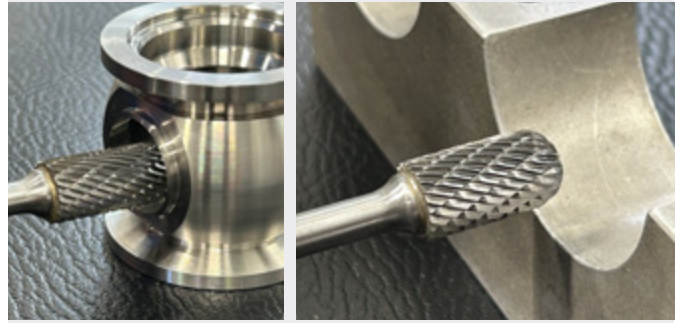


### VG-Cut

Complete Range of Turning Solutions

**VG-Cut** tools provide a wide range of applications and options within the same insert pocket. VG-Cut inserts also offer a variety of chip formers and carbide grades, and are designed with a unique multifunctional and diverse geometry, to minimize inventory for the end-user.

## SHAVIV

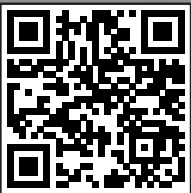


### SV-Burr

Premium Carbide Burrs

Wide range of Tungsten Carbide tools which are used to remove burrs (deburring) and smoothen sharp metal edges when cutting or machining processes are completed.

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The **NEW VARGUS**  
**website & e-catalog**



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for complete product information, updates and videos

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CNC Program Generator

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software on the market today.



APP

