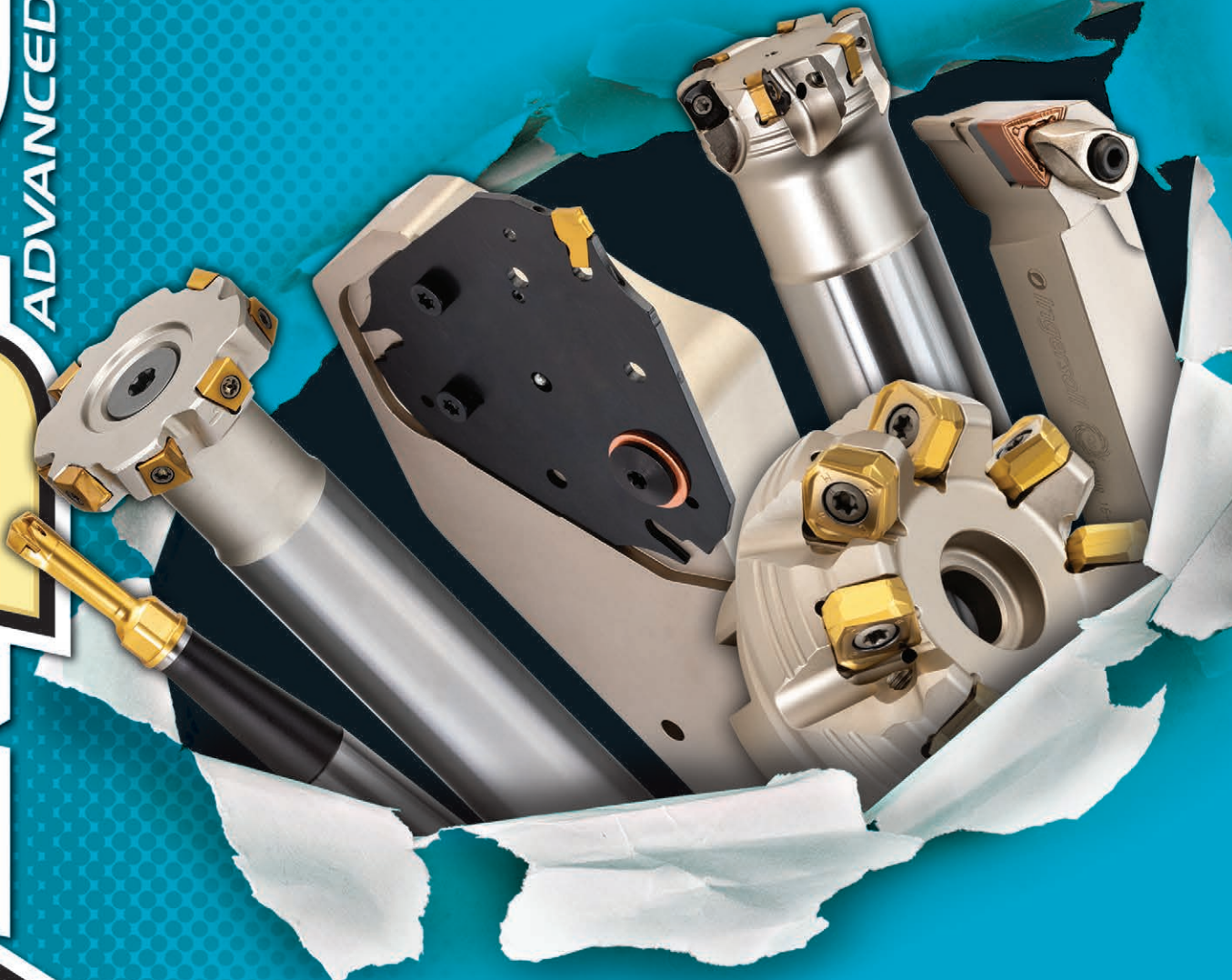


<sup>TM</sup>  
**WINSFEE**  
ADVANCED MACHINING

**2024 PROMO**  
MARCH - JULY



Member IMC Group  
**Ingersoll**  
Cutting Tools

## MAXSPEED™

### 90° End Mill, Face Mill, and Slotters With High Feed Rate Capability

- ▶ Strong double-sided, 4-edge, tangential insert with helical cutting edges for smooth machining.
- ▶ Exact 90° shouldering with straight and helical ramping capabilities.
- ▶ Secure dovetailed insert seating for maximum stability.
- ▶ New slotting heads featuring rigid tri-lobe connection.

#### PURCHASE

10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
403



## NUMAX ILOCK™

### Extended Flute End Mills and Shell Mills with New, Smaller-Size Interlocking Inserts for Smooth Operation

- ▶ Overlapping "V-Notch" inserts that allow for smooth chip formation at high feed-rates.
- ▶ Smaller inserts designed for lower HP machines, freer cutting conditions, and larger radial depth of cut in aggressive materials.
- ▶ Patented end station design with available corner radii inserts from .031" to .250" with no cutter body modifications needed.

#### PURCHASE\*

one fill (rounded up to nearest pack size)

#### RECEIVE

corresponding body at a **50% discount**

PC  
407

\*11 mm insert only





## GOLDSPEED™

### Our Most Popular Hi-Feed Mill is Expanded to include 4, 6, and 16 mm Cutter Series

- ▶ Hi-feed, high-positive designed 4-corner insert with wiping flats that can eliminate secondary passes.
- ▶ Inserts feature 12° lead-angles to produce 5x the feed rates in any material.
- ▶ Inserts include multiple types of edge reinforcement and corner configurations.

#### PURCHASE\*

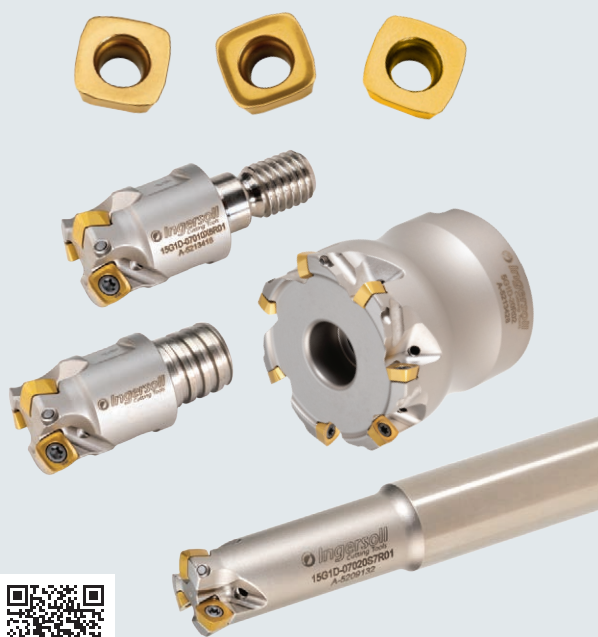
10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
406

\*4, 6, and 16 mm inserts only



## HIPOSWINV™

### Aero-centric Router/Shoulder/Hi-Feed Mills With V-Bottom Inserts for Secure Clamping

- ▶ Ingersoll's newest, highest positive geometry featuring balanced cutters for high RPM - ideal for aerospace materials.
- ▶ Steep concave face accommodates aggressive aluminum router ramp angles.
- ▶ 90° inserts with integrated wiper flats produce 32-63 Ra deck finishes, and hi-feed inserts.

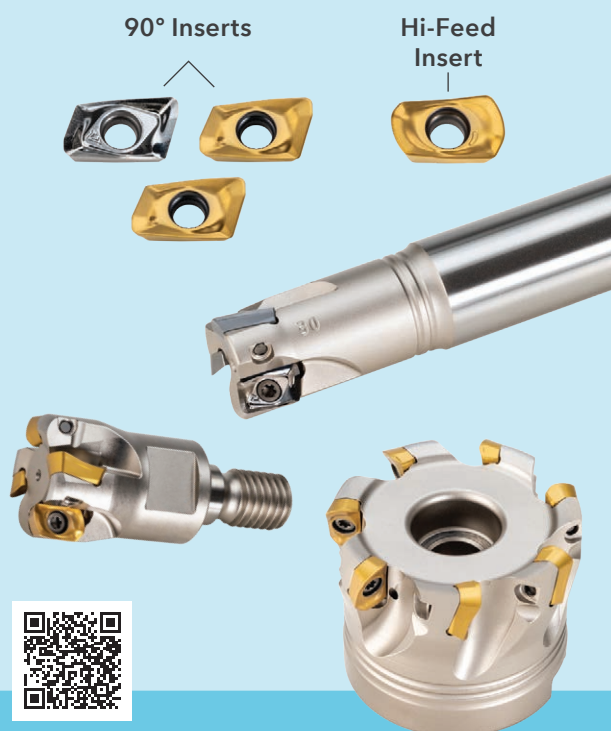
#### PURCHASE

10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
400



## DIFEEDWIN<sup>TM</sup>V

### Next-Gen Hi-Feed Performance, With New V-Bottom Clamping

- ▶ V-bottom clamping for super secure performance.
- ▶ Insert designed with higher ramping angle for more flexibility.
- ▶ 4 cutting edges per insert offer great economy.
- ▶ Higher cutter densities deliver great productivity.

#### PURCHASE

10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
401



## DIPOSQUAD<sup>TM</sup>

### True 90° Shoulder Mills With 8-Edge Economy, Now Featuring New 10 mm Insert Size

- ▶ High axial rake reduces cutting loads and promotes smooth machining.
- ▶ Unequally spaced insert placement aids to diffuse vibration.
- ▶ Integrated wiper flats produce 32-63 Ra finishes.

#### PURCHASE\*

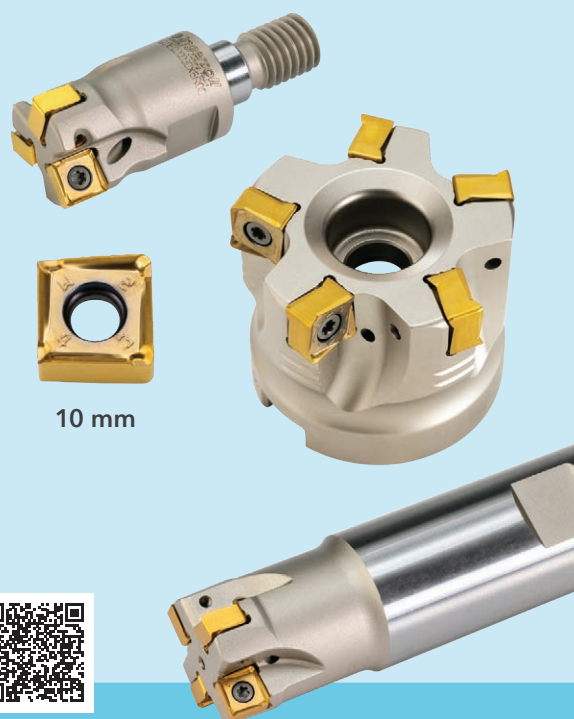
10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
402

\*10 mm insert only



## DIPOSQUAD<sup>®</sup>

### 45° and Hi-Feed Face Mills That Share the Same High-Strength, 8-Edge Insert

- ▶ Extreme geometry enjoys heavy feed rates and promotes efficient chip evacuation.
- ▶ Offered with 2 insert IC sizes for depth-of-cut and density diversity.
- ▶ Integrated wiper flats produce 32-63 Ra finishes.

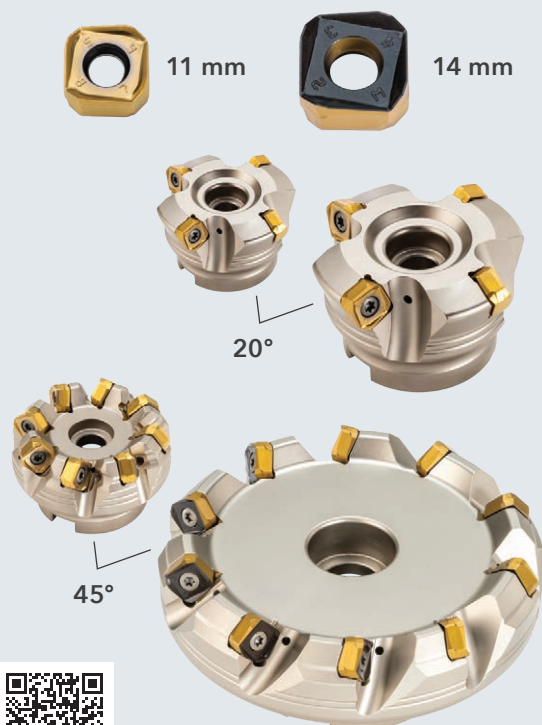
#### PURCHASE

10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
404



## CERASPEED<sup>™</sup>

### New, Smaller, 6 mm Ceramic Hi-Feed Insert for Exceptional Productivity

- ▶ Double-sided, dimple type inserts with 4 cutting edges.
- ▶ Dimple style inserts and top clamp holder design provide multi-directional clamping force.
- ▶ Smaller insert allows for smaller cutter diameters and higher insert densities.
- ▶ SiAlON grade IN76N allows cutting speeds up to 36 times greater than solid carbide.

#### PURCHASE\*

10 inserts per pocket

#### RECEIVE

corresponding body **FREE**

PC  
402

\*6 mm insert only





## TWIST SPEED™

### New 8xD Bodies, Diameter Range Expansion, and Flat Bottom Tips

- ▶ New, larger diameter range: 0.4724-1.0197" (12.0-25.9 mm).
- ▶ New, 8xD body expansion added to existing 3xD and 5xD bodies.
- ▶ Self-centering geometry for excellent hole precision and surface finish.
- ▶ Quick-change clamping system reduces downtime.

#### PURCHASE

6 tips - any geometry

#### RECEIVE

corresponding body (up to 8xD) **FREE**

PC  
409

FPF (Flat Bottom)



Shanks:  
3xD  
5xD  
8xD



FPC (Self-Centering)



## WIN TWIST™

### Modular Quick Change Drilling with TopOn (M12) Adaption

- ▶ Accommodates a wide range of applications using the TopOn (M12) connection.
- ▶ Simplified set-up for Multi-Spindle and Swiss-type machines.
- ▶ Compatible with existing GoldTwist tips.
- ▶ Coolant thru.

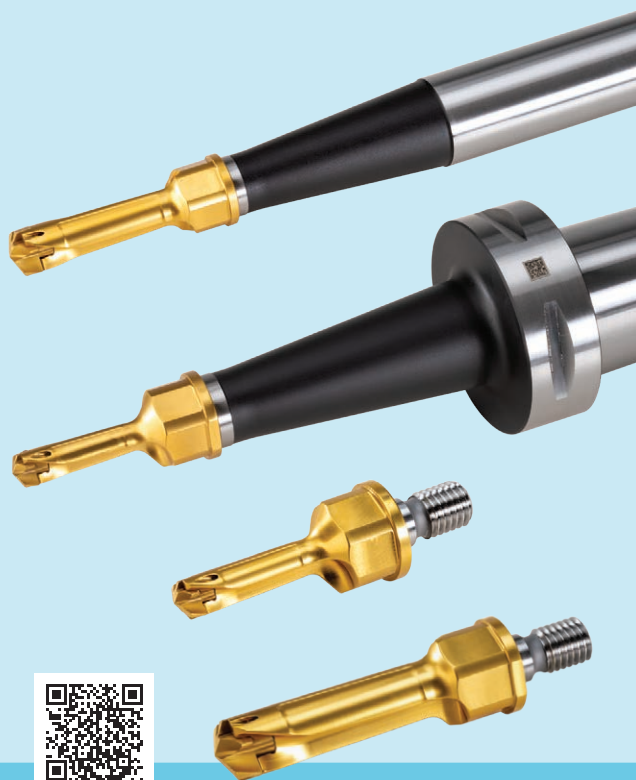
#### PURCHASE

6 GoldTwist tips

#### RECEIVE

corresponding WinTwist (TopOn/M12) body at a **50% discount**

PC  
412



## GOLD TWIST™

### New Small Diameter Quick Change Drills

- ▶ Improved productivity and reduced cost for 4.0–5.9 mm diameters.
- ▶ Tips supplied in special preloaded wrench for fast and simple replacement.

#### PURCHASE\*

6 TPA tips

#### RECEIVE

corresponding body **FREE**

\*4.0–5.9 mm diameters only

PC  
410

TPA

3xD

5xD



## GOLD TWIST™

### Premium Hole Machining With Unique, Self-Centering TPC Geometry

- ▶ Self-centering geometry eliminates piloting for increased productivity in steel and cast iron.
- ▶ Excellent surface finish, hole cylindricity, and straightness.
- ▶ Diameter range: 0.236–1.020" (6.0–25.9 mm)

#### PURCHASE

6 TPC self-centering tips

#### RECEIVE

corresponding body (up to 8xD) at a **50% discount**

PC  
411

TPC



## SPADETWIST™

### New Self-Centering Geometry for Large Diameter Applications

- ▶ Eliminates the need for piloting for 8xD applications.
- ▶ Excellent accuracy and phenomenal surface finish.
- ▶ Improves cylindricity and straightness.
- ▶ Unique rigid, quick change clamping system.

#### PURCHASE

6 tips - any geometry

#### RECEIVE

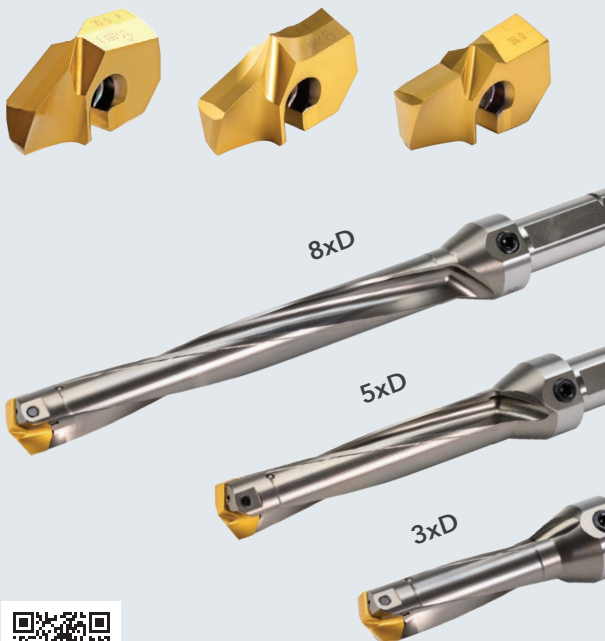
corresponding body (up to 8xD) at a **50% discount**

PC  
413

LPA

LPC

LPF



## SOLIDDRILL<sup>3</sup>™

### 3-Flute Solid Drills Expanded to 8xD Depth and New Flat Bottom Geometry

- ▶ 3-flute design allows up to 50% higher feed rates.
- ▶ Flat bottom geometry ideal for drilling cavities in bolt holes.
- ▶ Self-centering geometry eliminates need to pilot up to 8xD.

#### PURCHASE

4 drills - any style

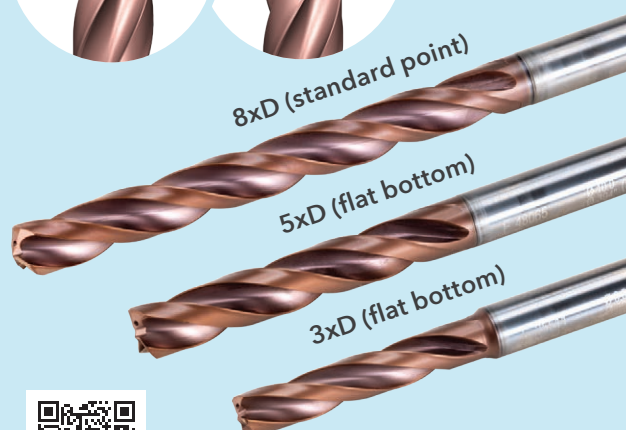
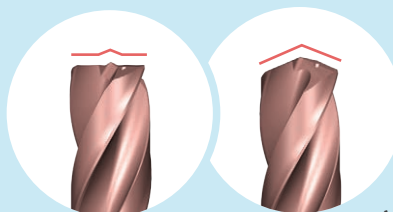
#### RECEIVE

5th drill **FREE\***

PC  
408

\*Item of equal or lesser value

Flat Bottom Geometry (FF)    Standard Point Geometry (FR)





# WINTURN™

## 6-Edge Inserts and Holders for All-Directional and Hi-Feed Turning

- ▶ Multi-directional turning applications including backward and forward longitudinal turning and facing.
- ▶ Hi-feed capabilities; up to .047 ipr when backward turning.
- ▶ Serrated cutting edge enables excellent chip control at a variety of cutting depths.
- ▶ Optimally designed negative (double-sided) insert with 6 cutting edges.
- ▶ When mounted to the holder, WinTurn features the same axial and radial rake angle as standard positive inserts, lowering cutting forces.

TNMV-BS  
(for stainless steel)



TNMV-BM  
(for steel)



### PURCHASE

20 inserts

### RECEIVE

external holder **FREE**

PC  
414A

### PURCHASE

30 inserts

### RECEIVE

CoolBurst holder **FREE**

PC  
414B



Coolant Thru

## FLEXTURN™

### Time-saving Modular Head and Holder System for Swiss Machines

- ▶ Improved productivity due to reduced set-up time.
- ▶ Rigid clamping between shanks and heads, and excellent repeatability.
- ▶ Reduced inventory due to the ability to mount multiple heads on one shank.

#### PURCHASE

one shank and 10 inserts

#### RECEIVE

corresponding head **FREE**

PC  
415A

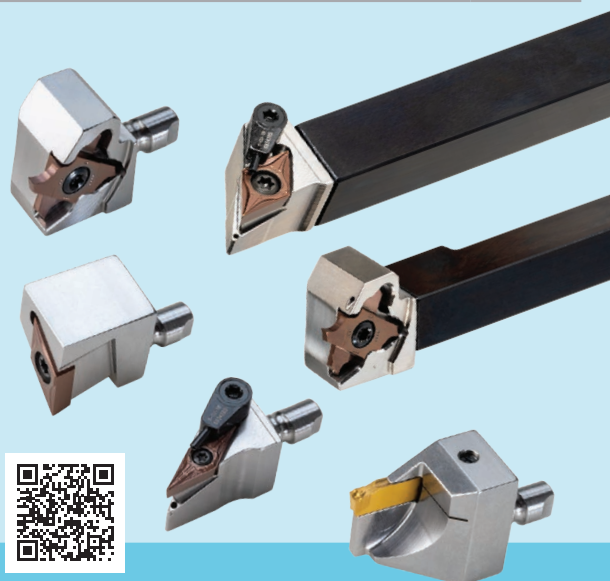
#### PURCHASE

one shank and 20 inserts

#### RECEIVE

corresponding CoolBurst head **FREE**

PC  
415B



## MULTITURN™

### VBMX Insert and Holders With Rigid Clamping

- ▶ 35° inserts and holder system for precision machining.
- ▶ Groove on insert bottom prevents insert from moving in the pocket (when used with LVJBR holders).
- ▶ Simple, screw-held clamping.

#### PURCHASE

20 inserts

#### RECEIVE

corresponding LVJBR/L external holder **FREE**

PC  
417

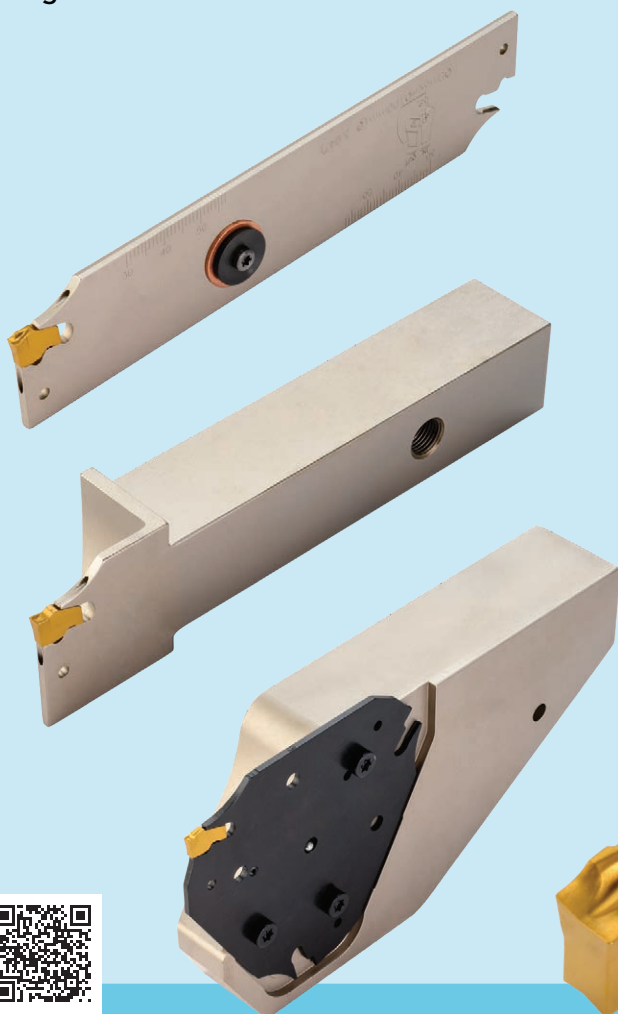






## Single-Ended Rigid Inserts and Holders for Parting and Deep Grooving with Unique Adapters

- ▶ Stable insert clamping with 3-point contact area.
- ▶ Very rigid triangular blades and dedicated holders with thru-coolant.
- ▶ Improved productivity due to hi-feed machining capability.
- ▶ Straighter cuts, better surface finish, longer tool life.



### PURCHASE

one block and 10 inserts

### RECEIVE

triangle blade **FREE**

PC  
416A

### PURCHASE

one block and 20 inserts

### RECEIVE

CoolBurst triangle blade **FREE**

PC  
416B

### PURCHASE

20 inserts

### RECEIVE

traditional blade or square shank holder **FREE**

PC  
416C

### PURCHASE

40 inserts

### RECEIVE

CoolBurst traditional blade or square shank holder **FREE**

PC  
416D



SFJ



SFC



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ADVANCED MACHINING

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