

2016
GOLD RUSH
PAKS



Member IMC Group
Ingersoll
Cutting Tools



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.

GOLD QUAD 13 Face Mill

Versatile 90° quad face mill with corner radii up to R.250"

- .45" depth of cut capability
- Corner radii offerings of:
.031", .047", .062", .093", .125" & .250" R
- Rake face geometry for shear and flat top geometry for edge strength
- Cutter diameter range from 2.00" – 4.00"
- Designed for ramping & corkscrewing milling
- Coolant through the tool

Available radii:



www.ingersoll-imc.com/promo/601a



GOLD QUAD 13 Plunge

Plunge roughers excel in SS & Hi-Temp alloys

- .45" radial width of cut capability
- Excels in long reach plunge applications that utilizes the strongest axis of the machine (z)
- Perfect for roughing on small spindle machines
- Cutter diameter range from 1.50" – 4.00"
- Coolant through the tool



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.

www.ingersoll-imc.com/promo/602a



OFFER

Promo Code
601A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
50% DISCOUNT!

OFFER

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
50% DISCOUNT!

Promo Code
602A

CHASE^{line}

NEW!

GOLD[®]QUAD^F 09 High Feed Mill

Ingersoll's **NEW** High feed mill with exceptional shearing action & 4 indexes for cost efficiency

- Available in end mill, modular head and face mill type
- .060" (1.5mm) DOC capability, equals increased productivity
- Positive axial insert orientation – exceptional shearing action
- 4 indexes provided for cost effective machining
- Extremely strong SDXS0904MPR-MR insert
- Insert wiper (.036) offers improved surface finishes
- Strong M3 insert screw with spherical head design provides secure clamping
- Coarse and fine pitch cutters
- Through coolant cutter bodies

OFFER

Promo Code
603A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.

www.ingersoll-imc.com/promo/603a



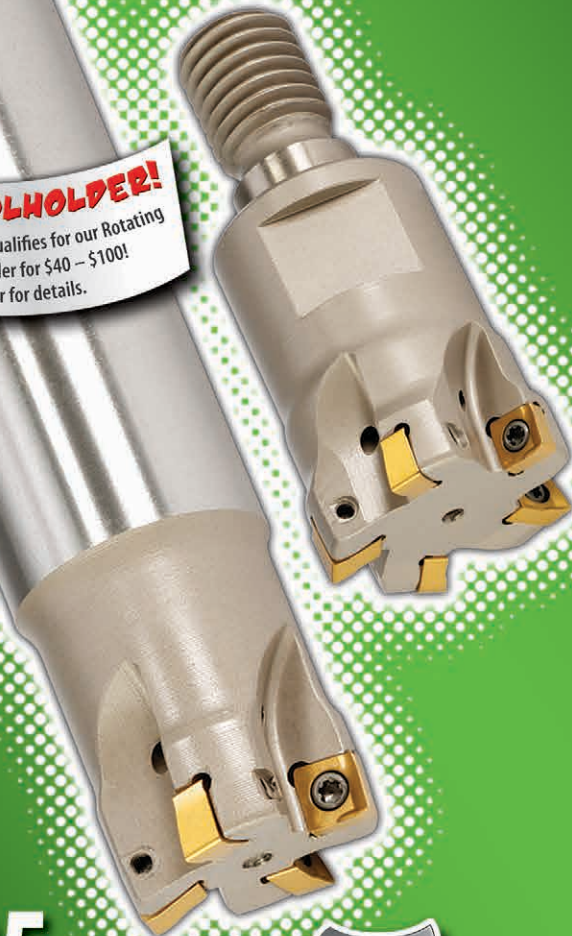
GOLD-RUSH

CHASE^{line}



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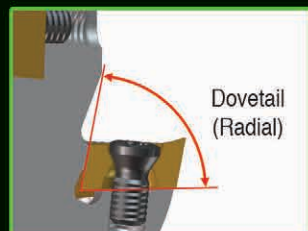
NEW!

DIPOSO[®]TETRA™ 05

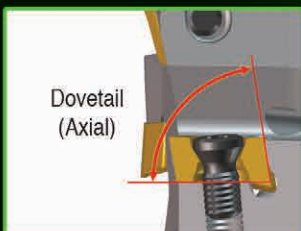
Double dovetail pocket promotes EASY LOADING and aggressive feed rates in small diameters



- .18" axial depth of cut capability
- Integrated wiper produces surface finishes between 25 – 50 Ra
- Cutter diameter range from .50" – 2.00"
- Cutter capable of ramping, corkscrew milling and shallow drill milling
- Double dovetail pocket decreases stress to insert screw, offering accelerated feed rate capability & easy loading
- Coolant through the tool



Dovetail
(Radial)



Dovetail
(Axial)

OFFER

Promo Code
604A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



CHASE^{line}

**FOUR
INDEXES!**

DIPOSOTETRA™ 06

4 edge milling economy in small diameters

- 4 positive geometry indexes (2+2) that produce true 90° shoulders; up to .24" axial depth of cut
- Extreme face clearance and pocket geometry that accommodates aggressive ramp angles and drill mill capability
- High density per diameter to promote aggressive feed rates
- Multipurpose and Hi-Temp insert geometries with R.031" & R.062" corner options
- Backdraft tools for side wall finishing and long reach applications
- Diameter range between .625" – 2.00"; equipped with Weldon/ Cylindrical shanks, Face mill, TopOn and Chip Surfer adaptations
- Produces deck surface finishes between 50 – 100 Ra



OFFER

Promo Code
605A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.



www.ingersoll-imc.com/promo/605a

CHASE^{line}

DIPOSO[®]HEXA[™] 06

6 positive and economical cutting edges for 90° shoulder roughing & aggressive ramping

- .23" depth of cut capability
- 6 cutting edges (3+3)
- Rough milling; surface finishes between 63 – 125+ Ra; may be used for gasket finishes
- Low face pressure
- Cutter diameter range from 1.00" – 4.00"
- Cutter capable of ramping, corkscrew milling and shallow drill milling
- Coolant through the tool

6 CUTTING EDGES!

Promo Code
606A

OFFER

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
50% DISCOUNT!

2SIDE
TECH



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.



www.ingersoll-imc.com/promo/606a





COUGAR MILL™

Heavy duty, clean shearing performance

- 60° lead family of face mills with unique wedge-clamp design that mechanically secures and heavily pre-loads the insert for superior stability
- Features Ingersoll's "Power Shear" technology: Roughing, wiping and serrated (chip-splitter) inserts provided where edge strength and longevity are required
- "Power Shear" is ideally suited to descaling the most hardened & abrasive cast steels, forged steels and hot rolled oxide layers
- Wiping inserts have raised beam to insure proper installation and indexing
- Serrated inserts allow more smooth and efficient operation when set-up and applications conditions require this feature
- Surface finishes as good as Ra 20 when using the wiper insert

OFFER

Promo Code
607A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



www.ingersoll-imc.com/promo/607a

GOLD-RUSH

CHASE^{line}

**8 CUTTING
EDGES!**

ISOPLUS 85

**Silicon Nitride and Carbide inserts for
ideal machining with EIGHT CUTTING EDGES!**

- 85° face mill for roughing with low face pressure
- 8 positive cutting edges
- .50" max depth of cut
- Available insert radii: .015", .031", .047" & .062"
- 2.00 – 8.00" diameter range
- Cutters equipped with coolant through

OFFER

Promo Code
608A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating
ComboPak! Get a holder for \$40 – \$100!
Turn to the back cover for details.

www.ingersoll-imc.com/promo/608a



BOREline

**PICK YOUR
PERCENTAGE!**

RAPID THREAD

Solid carbide threading mills

- Thread milling in one pass
- Short machining time
- One tool suitable for multiple diameters
- Excellent thread surface finish - High accuracy
- Thread milling next to the bottom of blind hole
- Bottom thread relief not required
- No problem with broken taps

Promo Code
609A

OFFER A

PURCHASE
two threadmills
& RECEIVE
10% OFF!

Promo Code
609B

OFFER B

PURCHASE
four threadmills
& RECEIVE
15% OFF!

Promo Code
609D

OFFER D

PURCHASE
eight threadmills
& RECEIVE
25% OFF!

Promo Code
609C

OFFER C

PURCHASE
six threadmills
& RECEIVE
20% OFF!



www.ingersoll-imc.com/promo/609

GOLD-RUSH

BOREline

SPADEOTWIST™

High productivity quick change, tipped drills for large diameter hole making

- Unique, strong rigidity, quick change clamping system
- 2-effective cutting edges for higher productivity
- Self-centering design means no need for a pilot hole
- Asymmetrical pocket design for error-proof mounting, close tolerance and excellent surface finish
- Drill diameter range:
 - Metric: 26.0mm – 41.0mm (.1mm increments)
 - 33.0mm – 41.0mm (.5mm increments)
 - Inch: 1.031" – 1.625" (1/32" increments)
- Through tool coolant
- 3xD and 5xD bodies

OFFER A

Promo Code
610A

PURCHASE 6 heads
& RECEIVE one
corresponding drill body at a
50% DISCOUNT!

Promo Code
610B

OFFER B

PURCHASE 8 heads
& RECEIVE one
corresponding 3xD drill body
at the special price of
\$30!

Promo Code
610C

OFFER C

PURCHASE 8 heads
& RECEIVE one
corresponding 5xD drill body
at the special price of
\$50!

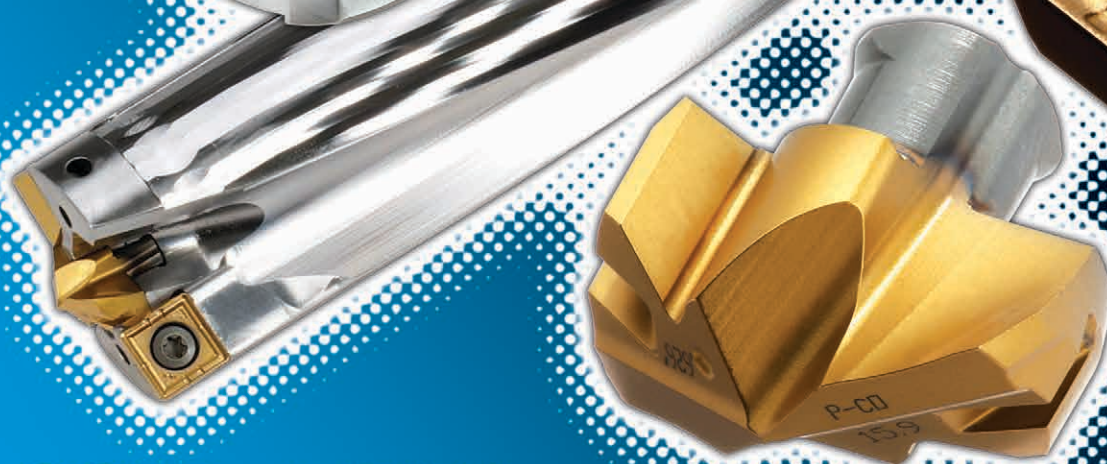
**ADD A TOOLHOLDER
OR A LATHE BUSHING!**
Turn to the back cover for details.



BOREline



**ADD A TOOLHOLDER
OR A LATHE BUSHING!**
Turn to the back cover for details.



**75%
OFF!**

GOLDTWIN

New large diameter drilling solution with a quick change tip and indexable inserts

- Hole accuracy IT10-11
- Two effective design means higher productivity
- Precision 4-corner insert with wiper
- Excellent hole straightness and surface finish
- All drill bodies 5xD
- Drill diameter range:
 - Metric: 26.0mm – 45.0mm (every 1mm)
 - Inch: 1.032" – 1.781" (every 1/32")
- Self-centering, no need for a pilot hole

OFFER

Promo Code
611A

PURCHASE 4 heads
and 10 indexable inserts
& RECEIVE 1 corresponding
drill body at a
**75%
DISCOUNT!**



www.ingersoll-imc.com/promo/611a

GOLD-RUSH

D&Mline

PRO•DUO™

**3-D contour roughing and profile milling –
Exceptionally strong!**

- Aggressive, strong insert design with exceptional edge strength
- Highly stable cutting performance
- High helix cutting edge for smooth milling
- Advanced insert carbide grades and coatings
- Strong insert clamping system, utilizing proven dovetail mechanism
- Designed for roughing and semi-roughing applications
- One insert is used for both central and peripheral pockets
- Coolant through cutter bodies
- Unique double-sided insert with 2 cutting edges provides economy
- Wide selection of cutter body styles in diameters .625", .750" & 1.00"

Promo Code
612A

OFFER

PURCHASE 10 inserts
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**

NEW!

ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.

www.ingersoll-imc.com/promo/612a



D&Mline

HI-FEED MIDI™

Hi feed with increased depth of cut

- Available in end mill, modular head and face mill type
- .060" (1.5mm) DOC capability, equals increased productivity
- 4 indexes provide for cost effective machining
- Strong positive insert rake face angles for efficient milling
- Multiple edge preps, premium grades offer application flexibility
- Rigid clamping with unique pocket design and high tensile clamping screw, M3.5
- Coarse and fine pitch cutters
- Through the tool coolant for face mills and end mills

OFFER

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**

Promo Code
613A

**BIG
SAVINGS!**



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.

GOLD-RUSH



D&Mline

NEW!

POWER OF FEED^{IB+}

Insert series UNEU1307R, offering 2mm DOC – Aggressive high feed milling performance, now available!

- Improved high feed milling up to 2mm DOC
- Double sided insert technology, offering 6 cutting edges for great economy
- Unique insert pocket seat design with thicker insert & larger insert screw provide stable machining
- High rake chip former for smooth, free cutting, shearing action during machining
- Through coolant cutter bodies
- Multiple stock standard grades, edge preps & cutter densities for application flexibility

OFFER

Promo Code
614A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**

ADD A TOOLHOLDER!

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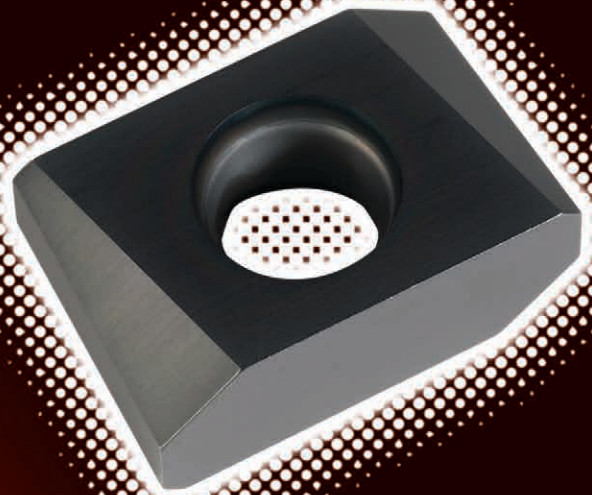
MAXline

BLACKMAX™

Heavy duty 45° lead cutter series

- Heavy duty 45° lead cutters series ideally suited for high metal removal rates
- Ingersoll's "Shear Clear" design provides efficiency with blistering feed rates in steel and alloyed steels
- Tangential mounting provides high number of effective cutting teeth per diameter
- Integral wiping flats achieve surface finishes as good as Ra 32

**SHEAR
CLEAR**



OFFER

Promo Code
615A

PURCHASE 10 inserts
per inch diameter
& RECEIVE 1 corresponding
cutter body at a
**50%
DISCOUNT!**



ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 - \$100! Turn to the back cover for details.



www.ingersoll-imc.com/promo/615a

TURNline

GOLD RHINO

SMALLER inserts with superior durability and the SAME THICKNESS as ISO inserts

- Same thickness as 1/2" I.C. turning inserts at 20-30% lower cost!
- Inserts feature a 3/8" I.C. and are available in 6 shapes (CNMG, DNMG, SNMG, TNMG, VNMX & WNMX)
- Unique hook lever clamping system provides fast indexing and excellent stability
- New external "T-Type" holders for CNMG and WNMG inserts provide maximum stability in interrupted cuts
- More than 150 holders and 750 inserts to choose from!
- Cutting depths up to .175" per side!

**SAME
PERFORMANCE**

**AT 20-30%
LOWER
PRICE!**

Promo Code
616A

OFFER

**PURCHASE 50 inserts &
PAY ONLY
FOR FORTY
INSERTS!**

**10 FREE
INSERTS!**



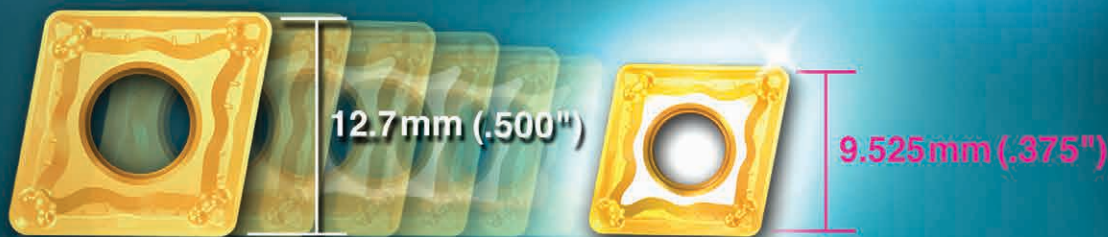
www.ingersoll-imc.com/promo/616a



SMALL inserts with superior durability and the **SAME THICKNESS** as ISO inserts

ISO TURN
(CNMG43x)

GOLD-RHINO
(CNMG33x)



Actual size of insert



Current trends in manufacturing feature work piece components with reduced stock conditions due to improved casting and forging technology. In these cases, depths of cut in rough turning are predominantly in the range of .040"~.080" per side, rendering conventional ISO turning inserts with .500" long cutting edges inefficient due to their disproportionate size.

In the modern machining environment with high focus on cost reduction, Ingersoll is pleased to launch GOLD-RHINO, a series of smaller, but robust, ISO turning inserts to meet the manufacturing industry's needs of reduced machining costs and increased competitiveness.

GOLD-RUSH

TURNline

GOLD LIFE+™

Enhanced grades for steel applications

All four grades feature a new coating structure that extends tool life, particularly at high cutting speeds, and includes our GOLD-RUSH post-coat treatment for a strong and smooth cutting edge

TT8105 (CVD Coated, P01-P15)

- For continuous turning in steel at high cutting speeds
- The most wear resistant carbide grade for steel

TT8115 (CVD Coated, P05-P20)

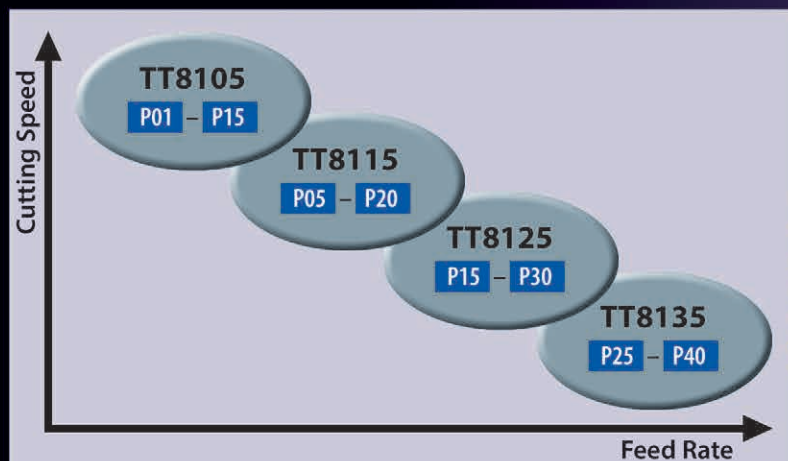
- For high speed, continuous turning in steel
- Excellent wear resistance and heat resistance

TT8125 (CVD Coated, P15-P30)

- For a wide range of turning in steel
- Very good combination of wear resistance and toughness

TT8135 (CVD Coated, P25-P40)

- Tough carbide substrate
- For a wide range of medium to roughing applications at low cutting speed in steel
- Ideal for heavy turning



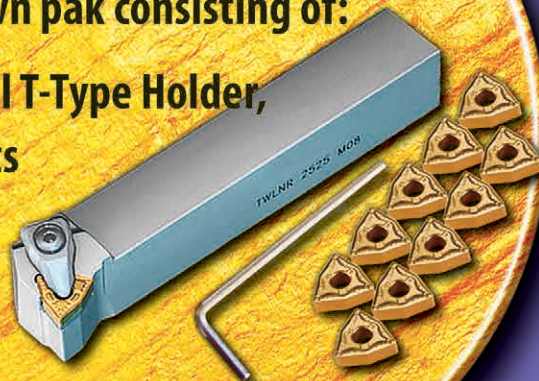
T-TOPE FLEX PAK

Promo Code
617A

CREATE

your own pak consisting of:

- 1 External T-Type Holder,
- 10 Inserts
- 1 Wrench



*Pak creations subject to available insert/
chipbreaker combinations



CNMG

\$139



Pick 1 Holder	Size	Hand	Pick Insert Size	Pick Chipbreaker	Pick Grade
TCLNL12-4B	.75"	Left	CNMG431	FG	TT8105
TCLNR12-4B	.75"	Right	CNMG431	FC	TT8115
TCLNL16-4D	1.00"	Left	CNMG432	PC	TT8125
TCLNR16-4D	1.00"	Right	CNMG433	MT	TT8135
TCLNL20-4D	1.25"	Left	CNMG434	RT	TT8135
TCLNR20-4D	1.25"	Right	CNMG434	RT	TT8135

DNMG

\$159



Pick 1 Holder	Size	Hand	Pick Insert Size	Pick Chipbreaker	Pick Grade
TDJNL12-4B	.75"	Left	DNMG431	FC	TT8105
TDJNR12-4B	.75"	Right	DNMG431	FG	TT8115
TDJNL16-4D	1.00"	Left	DNMG432	PC	TT8125
TDJNR16-4D	1.00"	Right	DNMG433	MT	TT8135
TDJNL20-4D	1.25"	Left	DNMG433	RT	TT8135
TDJNR20-4D	1.25"	Right	DNMG433	RT	TT8135

VNMG

\$169



Pick 1 Holder	Size	Hand	Pick Insert Size	Pick Chipbreaker	Pick Grade
TVJNL12-3C	.75"	Left	VNMG331	FG	TT8105
TVJNR12-3C	.75"	Right	VNMG331	FX	TT8115
TVJNL16-3D	1.00"	Left	VNMG332	FC	TT8125
TVJNR16-3D	1.00"	Right	VNMG332	PC	TT8135
TVJNL20-3D	1.25"	Left	VNMG332	MT	TT8135
TVJNR20-3D	1.25"	Right	VNMG332	MT	TT8135

WNMG

\$149



Pick 1 Holder	Size	Hand	Pick Insert Size	Pick Chipbreaker	Pick Grade
TWLN12-4B	.75"	Left	WNMG431	FG	TT8105
TWLN12-4B	.75"	Right	WNMG431	FC	TT8115
TWLN16-4D	1.00"	Left	WNMG432	PC	TT8125
TWLN16-4D	1.00"	Right	WNMG433	MT	TT8135
TWLN20-4D	1.25"	Left	WNMG434	RT	TT8135
TWLN20-4D	1.25"	Right	WNMG434	RT	TT8135



TURNline

T^oBURST™

New high pressure, coolant capable groove, turn & parting tools

- Excellent performance on difficult-to-cut materials such as titanium, inconel and other heat resistant alloys
- Up to 100% tool life increase on heat resistant material and stainless steels
- Reduced cycle time and higher productivity due to increased cutting speed
- Through tool coolant up to 4900 psi to reduce built up edge
- Longer T-Max holders now available

OFFER A

Promo Code
618A

PURCHASE 1 holder &
20 corresponding inserts
& RECEIVE a
35% DISCOUNT
on the inserts

OFFER B

Promo Code
618B

PURCHASE 1 holder &
30 corresponding inserts
& RECEIVE 35% OFF
of the inserts & an additional
20% OFF
of the holder



www.ingersoll-imc.com/promo/618





ADD A TOOLHOLDER!

This promotion also qualifies for our Rotating ComboPak! Get a holder for \$40 – \$100! Turn to the back cover for details.



**50%
OFF!**

TEDI FEED

PCD and CBN tangential milling

TEDI FEED is the new line of mill with tangential inserts available with PCD and CBN inserts, single, double and full cutting edges. TEDI FEED is designed for machining operations from heavy roughing to superfinishing. Available with all holders, with cylindrical shank, monoblock or shell type configurations. A wide range of diameters, lengths and number of cutting edges guarantee the best results in every application.

- Suitable for high feed machining
- Low cutting forces
- Insert available with single tip, double tip and full edge
- High number of cutting edges for high productivity

OFFER

Promo Code
619A

PURCHASE enough
TEDI FEED inserts to fill any
standard shell type or cylindrical
type cutter body
& RECEIVE 1 corresponding
cutter body at list less

50%



www.ingersoll-imc.com/promo/619a

GOLD-RUSH

ROUNDline

**60%
OFF!**



Typhoon Coolant Driven Spindle

High speed jet spindles that will reduce cycle times by as much as 70%

- The system uses the existing machine coolant flow to rotate the HSM jet spindle without an additional energy source
- HSM jet spindle is available in several mounting adaption types:
 - ER32 collet chuck with a special tightening nut, suitable for all standard tool holders with an ER32 seat
 - Integral options with various adaptations: HSK A63, C 5 & 6, BT 30 & 40, CAT 30, CAT 40 & DIN69871 40
- The HSM jet spindle is compatible with standard ER11 collets for tool clamping
- Real time RPM monitoring allows to optimize the cutting tool's machining conditions according to the actual rotation speed in the workpiece
- Wide range of applications: Milling, thread milling, drilling, chamfering & engraving
- Tool diameter restrictions :
 - Solid carbide end mill – maximum diameter of cutting tool .137"
 - Solid carbide drill – maximum diameter of cutting tool .078"
 - Thread milling – maximum thread size M5 x 0.8ISO / #10-32UN
 - Chamfering and engraving – maximum tool shank .250"





First Order:

OFFER

Promo Code
620AB

PURCHASE 20 solid carbide tools* (any assortment)

& RECEIVE the Typhoon jet spindle and wireless display at

60% OFF LIST!

NOTE: Ends June 30th

Returning Business: (Valid for 6 months from first order date, ends June 30th) For return orders, customers will be entitled to receive an additional discount as described in the table below.

Product Segment	Additional Discount by Qty.	
	10 - 30 Pcs.	31+ Pcs.
Solid Carbide Drill	8%	12%
Solid Carbide End Mills	15%	22%
Thread Mill	15%	22%

* Solid Tools – SC Drills / SC End Mills

GOLD-RUSH

REFERENCE "COMBOPAK" WHEN PLACING AN ORDER



ADD A LATHE BUSHING!...

With the purchase of a qualifying Indexable Drill Performance Pak



Purchase any Indexable Drill Performance Pak **& RECEIVE** 1 drill lathe bushing for **\$45!**



ADD A TOOLHOLDER!...

With the purchase of a qualifying Rotating Tool Performance Pak



Purchase any Rotating Tool Performance Pak plus an additional box of inserts/tips and get a corresponding CAT, BT or HSKA toolholder priced to your required machine spindle size.

BT40 or **CAT40** toolholder for only **\$40** each

CAT50 toolholder for only **\$50** each

HSKA63 toolholder for only **\$63** each

HSKA100 toolholder for only **\$100** each

For a limited time only! Add a suitable retention knob and/or spring collet for \$20.00 each!



Toolholder styles include face mills, shell mills, collet chucks and end mill holders

Check out the
BIG CUTTER



travel schedule at:

http://www.ingersoll-imc.com/en/seminars/mobile_seminars.htm



Member IMC Group
Ingersoll
Cutting Tools

Ingersoll Cutting Tools reserves the right to limit quantities, to change the terms of the promotion without notice, and to refuse an order that does not conform with the terms and conditions contained or implied herein. Offer good until December 31st, 2016, or while supplies last. Prices exclude applicable taxes. All promotions based on the price list in effect at the time the order is placed. Distributor orders must be drop shipped to the end user. Limit of 5 of the same product to the same end user.

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