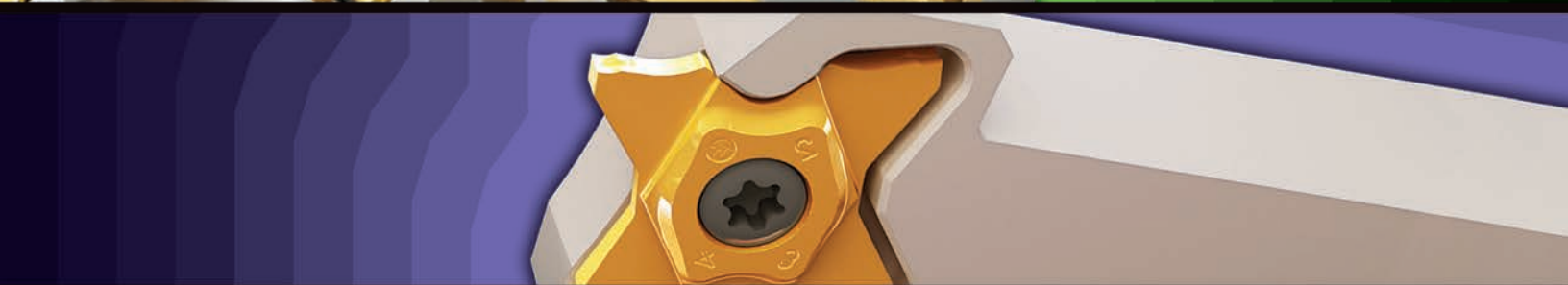


2014 GOLD RUSH PAKS



Member IMC Group
Ingersoll
Cutting Tools

MAXline

GOLD•MAX⁸

DI-QUAD 90° LINE

Double-sided tangential technology

- Cutter diameters from 2.00" to 8.00"
- 8 cutting edges
- High positive geometry produces true 90° shoulders
- Unique multifaceted insert offers high efficiency and productivity
- Stable insert seating promotes longer tool life

FREE CUTTER!

8 CUTTING EDGES!

GOLD•MAX⁸

DI-QUAD 90° LINE

CUTTER BODIES

Cutter Number	Nominal Diameter	Number of Inserts	Height	Bore Diameter	Keyway	DOC	Bolt Circle
VJ6K-02R01	2.000	5	1.500	0.750	0.32	0.350	—
VJ6K-02R02	2.500	6	1.570	1.000	0.38	0.350	—
VJ6K-03R01	3.000	8	2.375	1.000	0.38	0.350	—
VJ6K-04R01	4.000	9	2.375	1.500	0.63	0.350	—
VJ6K-06R01	6.000	13	2.275	1.500	0.63	0.350	—
VJ6K-08R01	8.000	16	2.375	2.500	1.000	0.350	4.000

INSERTS

Insert Number	Corner	Hone	Item Number	Application	Grade				
					IN2030	IN2505	IN2530	IN4005	IN4030
SGM-44R001	8 X .031" R	I	5813633	HD Steel			•		
SGM-44R001	8 X .031" R	I	2900331	HD Steel					•
SGM-44R001	8 X .031" R	I	5832433	HD Steel	•				
SGM-44R001	8 X .031" R	J	5856045	Stainless, Hi-Temp		•			
SGM-44R001	8 X .031" R	J	5856049	Stainless, Hi-Temp			•		
SGM-44R001	8 X .031" R	J	5854329	Stainless, Iron				•	
SGM-44R001	8 X .031" R	J	5856052	Stainless, Hi-Temp					•

HARDWARE

Insert Number	Driver	Bit
SM40-120-20	DS-A00T	DS-T156B

OFFER A

PURCHASE 20 inserts*
& RECEIVE 1 corresponding
cutter body up to 2.00" at
80% OFF!

Promo Code
328A

OFFER B

PURCHASE 40 inserts*
& RECEIVE 1 corresponding
cutter body up to 4.00" at
85% OFF!

Promo Code
328B

OFFER C

PURCHASE 60 inserts*
& RECEIVE 1 corresponding
cutter body up to 6.00" at
90% OFF!

Promo Code
328C

OFFER D

PURCHASE 80 inserts*
& RECEIVE 1 corresponding
cutter body up to 10.00"
ABSOLUTELY FREE!

Promo Code
328D



GOLD•RUSH

Member IMC Group
Ingersoll
Cutting Tools

VOMAX

**4 LH & 4 RH
EDGES!**

- 4 right-hand and 4 left-hand cutting edges
- T-land offers extreme edge strength in interrupted cuts
- For use in steels or cast iron
- Available as shoulder mills, 45° lead angle face mills, plunge mills and heavy-duty face mills



**FREE
CUTTERS!**

OFFER A

Promo Code
329A

PURCHASE 10 inserts*
& RECEIVE 1 corresponding
cutter body up to 1.00" at
75% OFF!

*Excludes long edge

OFFER B

Promo Code
329B

PURCHASE 20 inserts*
& RECEIVE 1 corresponding
cutter body up to 2.00" at
80% OFF!

*Excludes long edge

OFFER C

Promo Code
329C

PURCHASE 40 inserts*
& RECEIVE 1 corresponding
cutter body up to 4.00" at
85% OFF!

*Excludes long edge

OFFER D

Promo Code
329D

PURCHASE 60 inserts*
& RECEIVE 1 corresponding
cutter body up to 6.00" at
90% OFF!

*Excludes long edge

OFFER E

Promo Code
329E

PURCHASE 80 inserts*
& RECEIVE 1 corresponding
cutter body up to 10.00"
ABSOLUTELY FREE!

*Excludes long edge

GOLDOMAX⁴

- Tangential, double-positive cutting geometry reduces cutting forces
- Larger seating surface plus primary landed edge provides strength and longer tool life
- 4-edged insert offers economical advantage over 2-edged competition
- Multiple insert densities available
- Coolant/Air through the tool is available on selected tools
- Multi-purpose insert geometry for all material types
- Shoulder mills produce a true 90° corner

S MAX

- Tangential inserts present the strongest carbide cross-section to the cut
- Stronger cutter body cross-section
- Designed for extremely heavy metal removal
- Available as end mills, face mills, plunge mills, shell mills, finish mills and hi-feed mills

**4-EDGED
INSERT!**



**HEAVY
DUTY!**



MAXline

THINOMAXTM

TANGENTIAL

SuperMax performance in a thin slotter design

- Diameters ranging from 2.50" thru 8.00" and widths ranging from .125" thru .375"
- 4 insert indexes, creates 90° sidewall
- Multiple corner radii are available in a wide variety of carbide grades
- Same insert used in both RH and LH stations
- Available in both axial and radial drive

FOUR INDEXES!

Promo Code
330A

OFFER A

PURCHASE 10 inserts
& **RECEIVE** 1 corresponding
cutter body up to 2.50" at
30% OFF!

Promo Code
330B

OFFER B

PURCHASE 40 inserts
& **RECEIVE** 1 corresponding
cutter body up to 4.00" at
50% OFF!

Promo Code
330C

OFFER C

PURCHASE 60 inserts
& **RECEIVE** 1 corresponding
cutter body up to 6.00" at
60% OFF!

OFFER D

Promo Code
330D

PURCHASE 80 inserts
& **RECEIVE** 1 corresponding
cutter body up to 8.00" at
75% OFF!

**UP TO
75% OFF!**

THINOMAXTM

TANGENTIAL

RADIAL DRIVE SLOTTERS

Cutter Number	Cutter Width	Nominal Dia.	Bore Dia.	Hub Width	Hub Dia.	Keyway	Total No. of Inserts	No. of Effective Inserts	Insert Series
3VJ5V-02012D1R01	0.125	2.500	0.750	1.375	1.180	0.312	8	4	IEE211-001
3VJ5V-03012D1R01	0.125	3.000	0.750	1.500	1.500	0.312	10	5	IEE211-001
3VJ5V-04012D3R01	0.125	4.000	1.000	1.500	1.750	0.375	14	7	IEE211-001
3VJ5V-02015D1R01	0.156	2.500	0.750	1.375	1.180	0.312	8	4	IEE311-001
3VJ5V-03015D1R01	0.156	3.000	0.750	1.500	1.500	0.312	10	5	IEE311-001
3VJ5V-04015D3R01	0.156	4.000	1.000	1.500	1.750	0.375	12	6	IEE311-001
3VJ5V-0601558R01	0.156	6.000	1.500	2.000	3.070	0.625	18	9	IEE311-001
3VJ5V-02018D1R01	0.187	2.500	0.750	1.375	1.180	0.312	8	4	IEE312-001
3VJ5V-03018D1R01	0.187	3.000	0.750	1.500	1.500	0.312	10	5	IEE312-001
3VJ5V-04018D3R01	0.187	4.000	1.000	1.500	1.750	0.375	12	6	IEE312-001
3VJ5V-05018D3R01	0.187	5.000	1.000	1.500	2.250	0.375	14	7	IEE312-001
3VJ5V-0601858R01	0.187	6.000	1.500	2.000	3.070	0.625	18	9	IEE312-001
3VJ5V-02025D1R01	0.250	2.500	0.750	1.500	1.500	0.312	6	3	IXE412-001
3VJ5V-03025D1R01	0.250	3.000	0.750	1.500	1.500	0.312	8	4	IXE412-001
3VJ5V-04025D3R01	0.250	4.000	1.000	1.500	1.750	0.312	10	5	IXE412-001
3VJ5V-05025D3R01	0.250	5.000	1.000	1.500	2.250	0.375	12	6	IXE412-001
3VJ5V-0602558R01	0.250	6.000	1.500	2.000	3.070	0.625	14	7	IXE412-001
3VJ5V-04031D3R01	0.312	4.000	1.000	1.500	1.750	0.375	10	5	IXE413-001
3VJ5V-0603158R01	0.312	6.000	1.500	2.000	3.070	0.625	14	7	IXE413-001
3VJ5V-04037D3R01	0.375	4.000	1.000	1.500	1.750	0.375	10	5	IXE414-001
3VJ5V-05037D3R01	0.375	5.000	1.000	1.500	2.250	0.375	12	6	IXE414-001
3VJ5V-0603758R01	0.375	6.000	1.500	2.000	3.070	0.625	14	7	IXE414-001
3VJ5V-0803158R01	0.312	8.000	1.500	2.000	3.800	0.625	18	9	IXE413-001
3VJ5V-0803758R01	0.375	8.000	1.500	2.000	3.800	0.625	18	9	IXE414-001

AXIAL DRIVE SLOTTERS

Cutter Number	Cutter Width	Nominal Dia.	Bore Dia.	Hub Width	Hub Dia.	Keyway	Total No. of Inserts	No. of Effective Inserts	Insert Series
3VJ5V-03012AF-01	0.125	3.000	1.000	0.375	1.560	0.250	10	5	IEE211-001
3VJ5V-04012AF-01	0.125	4.000	1.000	0.375	1.750	0.250	14	7	IEE211-001
3VJ5V-03015AF-01	0.156	3.000	1.000	0.375	1.560	0.250	10	5	IEE311-001
3VJ5V-04015AF-01	0.156	4.000	1.000	0.375	1.750	0.250	12	6	IEE311-001
3VJ5V-06015AG-01	0.156	6.000	1.250	0.375	1.870	0.312	18	9	IEE311-001
3VJ5V-03018AF-01	0.187	3.000	1.000	0.375	1.560	0.250	10	5	IEE312-001
3VJ5V-04018AF-01	0.187	4.000	1.000	0.375	1.750	0.250	12	6	IEE312-001
3VJ5V-05018AG-01	0.187	5.000	1.250	0.375	1.870	0.312	14	7	IEE312-001
3VJ5V-06018AG-01	0.187	6.000	1.250	0.375	1.870	0.312	18	9	IEE312-001
3VJ5V-04025AF-01	0.250	4.000	1.000	0.375	1.750	0.250	10	5	IXE412-001
3VJ5V-05025AF-01	0.250	5.000	1.000	0.375	1.870	0.250	12	6	IXE412-001
3VJ5V-06025AG-01	0.250	6.000	1.250	0.375	1.870	0.312	14	7	IXE412-001
3VJ5V-04031AG-01	0.312	4.000	1.250	0.375	1.870	0.312	10	5	IXE413-001
3VJ5V-05031AG-01	0.312	5.000	1.250	0.375	1.870	0.312	12	6	IXE413-001
3VJ5V-06031AG-01	0.312	6.000	1.250	0.375	1.870	0.312	14	7	IXE413-001
3VJ5V-04037AG-01	0.375	4.000	1.250	0.345	1.870	0.312	10	5	IXE414-001
3VJ5V-06037AG-01	0.375	6.000	1.250	0.345	1.870	0.312	14	7	IXE414-001
3VJ5V-08025AH-01	0.250	8.000	1.500	0.375	2.750	0.375	18	9	IXE412-001
3VJ5V-08031AH-01	0.312	8.000	1.500	0.375	2.750	0.375	18	9	IXE413-001
3VJ5V-08037AH-01	0.375	8.000	1.500	0.345	2.750	0.375	18	9	IXE414-001

INSERTS

Insert Number	Corner Configuration	Application	Grade				
			IN2505	IN2515	IN2530	IN4005	IN4015
IEE211-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IEE311-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IEE311-002	4 X .031" R	Multi-Purpose	•	•	•	•	•
IEE312-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IEE312-002	4 X .031" R	Multi-Purpose	•	•	•	•	•
IXE412-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IXE412-002	4 X .031" R	Multi-Purpose	•	•	•	•	•
IXE412-003	4 X .062" R	Multi-Purpose	•	•	•	•	•
IXE413-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IXE413-002	4 X .031" R	Multi-Purpose	•	•	•	•	•
IXE413-003	4 X .062" R	Multi-Purpose	•	•	•	•	•
IXE414-001	4 X .015" R	Multi-Purpose	•	•	•	•	•
IXE414-002	4 X .031" R	Multi-Purpose	•	•	•	•	•
IXE414-003	4 X .062" R	Multi-Purpose	•	•	•	•	•

HARDWARE

Insert Number	Screw	Driver	
IEE211	SM25-025-80	DS-T06F	M2.5 X 6MM X 2.5MM
IEE311	SM35-034-50	DS-T09W	M3.5 X 6MM X 3.4MM
IEE312	SM35-042-50	DS-T09W	M3.5 X 6MM X 4.2MM
IXE412	SM40-055-50	DS-T15T	M4.0 X .7MM X 5.5MM
IXE413	SM40-070-50	DS-T15T	M4.0 X .7MM X 7.0MM
IXE414	SM40-080-50	DS-T15T	M4.0 X .7MM X 8.0MM



D&Mline

HIQUAD^F Feed Mill

New high-feed quad cutters

- 13mm and 19mm IC insert sizes each with 4 indexes
- Available in face mills, end mills and Top-On styles
- 8 ultra-strong free-cutting insert geometries
- Positive lead angle high-feed technology

OFFER A

Promo Code
331A

PURCHASE 20 inserts
& **RECEIVE**

1 corresponding body
up to 4.00" diameter

FREE!

OFFER B

Promo Code
331B

PURCHASE 40 inserts
& **RECEIVE**

1 corresponding body
up to 6.00" diameter

FREE!

**FOUR
INDEXES!**

HIQUAD^F

**FREE
CUTTER!**

HIGH QUAD F FACE MILLS (13mm Inserts)

Cutter Number	Nom. Dia.	No. of Inserts	Bore Dia.	Keyway	Coolant	SDES1305MDR, SDMS1305MDR-PH, SDES1305MDR-001, SDES130515N-001, SDES130515N, SDMS130515R-PH, SDMS130512R-PP				SDES1305MPR, SDES1305MPR-001			
						Program OD Dia.	Eff. Dia.	Height	Max. Ramp Angle	Program OD Dia.	Eff. Dia.	Height	Max. Ramp Angle
5M5P-20R01	2.000	5	0.750	0.312	yes	2.000	1.170	2.000	1.7	1.970	1.281	1.985	1.5
5M6P-20R01	2.000	4	0.750	0.312	yes	2.000	1.170	2.000	1.7	1.970	1.281	1.985	1.5
5M5P-25R01	2.500	6	0.750	0.312	yes	2.500	1.670	2.000	1.1	2.470	1.781	1.985	1.1
5M6P-25R01	2.500	5	0.750	0.312	yes	2.500	1.670	2.000	1.1	2.470	1.781	1.985	1.1
5M5P-30R01	3.000	8	1.000	0.375	yes	3.000	2.170	2.000	0.9	2.970	2.280	1.985	0.8
5M6P-30R01	3.000	6	1.000	0.375	yes	3.000	2.170	2.000	0.9	2.970	2.280	1.985	0.8
5M5P-30R02	3.000	8	1.250	0.500	yes	3.000	2.170	2.000	0.9	2.970	2.280	1.985	0.8
5M6P-30R02	3.000	6	1.250	0.500	yes	3.000	2.170	2.000	0.9	2.970	2.280	1.985	0.8
5M5P-40R01	4.000	10	1.500	0.625	yes	4.000	3.170	2.500	0.6	3.970	3.280	2.485	0.6
5M6P-40R01	4.000	8	1.500	0.625	yes	4.000	3.170	2.500	0.6	3.970	3.280	2.485	0.6
5M5P-50R01	5.000	11	1.500	0.625	yes	5.000	4.170	2.500	0.4	4.970	4.280	2.485	0.4
5M6P-50R01	5.000	9	1.500	0.625	yes	5.000	4.170	2.500	0.4	4.970	4.280	2.485	0.4

HIGH QUAD F END MILLS (13mm Inserts)

Cutter Number	Nom. Dia.	No. of Inserts	OAL	Shank Style	Coolant	SDES1305MDR, SDMS1305MDR-PH, SDES1305MDR-001, SDES130515N-001, SDES130515N, SDMS130515R-PH, SDMS130512R-PP				SDES1305MPR, SDES1305MPR-001			
						Program OD Dia.	Eff. Dia.	Ext. Length	Max. Ramp Angle	Program OD Dia.	Eff. Dia.	Ext. Length	Max. Ramp Angle
15M1P-1202781R01	1.250	2	5.000	1.25 Weldon	yes	1.250	0.423	2.750	5.6	1.220	0.533	2.735	4.7
15M1P-1204759R01	1.250	2	8.000	1.25 Cylindrical	yes	1.250	0.423	4.750	5.6	1.220	0.533	4.735	4.7
15M1P-1502786R01	1.500	3	5.410	1.50 Weldon	yes	1.500	0.673	2.750	3.1	1.470	0.784	2.735	2.8
15M1P-1505386R01	1.500	3	8.000	1.50 Weldon	yes	1.500	0.673	5.340	3.1	1.470	0.784	5.325	2.8

HIGH QUAD F TOP-ON END MILLS (13mm Inserts)

Cutter Number	Nom. Dia.	No. of Inserts	Adaption	Coolant	SDES1305MDR, SDMS1305MDR-PH, SDES1305MDR-001, SDES130515N-001, SDES130515N, SDMS130515R-PH, SDMS130512R-PP				SDES1305MPR, SDES1305MPR-001			
					Program OD Dia.	Eff. Dia.	Ext. Length	Max. Ramp Angle	Program OD Dia.	Eff. Dia.	Ext. Length	Max. Ramp Angle
15M1P-12017X8R01	1.250	2	M16	yes	1.250	0.423	1.750	5.6	1.220	0.533	1.735	4.7

13mm INSERTS

Insert Number	Applications	Max. DOC	Program Corner Radius	Grade				
				IN2505	IN2530	IN4005	IN4030	IN4035
SDES1305MDR	Hi-Feed, Flat Face / Wiper - Facets	.078 (2mm)	.125	•	•			
SDES130515N	Hi-Feed, Flat Face / Corner Radius	.078 (2mm)	.125	•	•			
SDES130515N-001	Hi-Feed, Precision Flat Face / Corner Radius	.078 (2mm)	.125	•	•			
SDMS1305MDR-PH	Hi-Feed, Pos Precision / Wiper - Facets	.078 (2mm)	.125	•	•	•	•	•
SDMS130515R-PH	Hi-Feed, Pos Precision / Corner Radius	.078 (2mm)	.125	•	•	•	•	•
SDES1305MDR-001	Hi-Feed, Precision Flat Face / Wiper - Facets	.078 (2mm)	.125	•	•			
SDES1305MPR	Hi-Feed, Heavy Duty - Standard	.088 (2.24mm)	.140	•	•	•	•	•
SDES1305MPR-001	Hi-Feed, Heavy Duty - Precision	.088 (2.24mm)	.140	•	•	•	•	•

19mm INSERTS

Insert Number	Applications	Max. DOC	Program Corner Radius	Grade				
				IN2505	IN2530	IN4005	IN4030	IN4035
SDES1906MDR	Hi-Feed, Flat Face / Wiper - Facets	.118 (3mm)	.180	•	•			
SDES190620N	Hi-Feed, Flat Face / Corner Radius	.118 (3mm)	.180	•	•			
SDES190620N-001	Hi-Feed, Precision Flat Face / Corner Radius	.118 (3mm)	.180	•	•			
SDMS1906MDR-PH	Hi-Feed, Pos Precision / Wiper - Facets	.118 (3mm)	.180	•	•	•	•	•
SDMS190620R-PH	Hi-Feed, Pos Precision / Corner Radius	.118 (3mm)	.180	•	•	•	•	•
SDES1906MPR	Hi-Feed, Heavy Duty - Standard	.147 (3.7mm)	.212	•	•	•	•	•
SDES1906MPR-001	Hi-Feed, Heavy Duty - Precision	.147 (3.7mm)	.212	•	•	•	•	•

NOTE: For Metric sizes, hardware requirements & technical info please see HI-QUAD F NPA (NEW-164-4) at www.ingersoll-imc.com

NOTE: For HI-QUAD 30 cutter sizes and selection please see NPA (NEW-188) at www.ingersoll-imc.com

HIQUAD^F

HIGH QUAD F FACE MILLS (19mm Inserts)

Cutter Number	Nom. Dia.	No. of Inserts	Bore Dia.	Keyway	Coolant	SDES1906MDR, SDMS1906MDR-PH, SDES190620N, SDES190620N-001, SDMS190620R-PH				SDES1906MPR, SDES1906MPR-001			
						Program OD Dia.	Eff. Dia.	Height	Max. Ramp Angle	Program OD Dia.	Eff. Dia.	Height	Max. Ramp Angle
5G5M-30R01	3.000	6	1.00	0.375	yes	3.000	1.766	2.000	1.6	2.961	1.903	1.981	1.2
5G6M-30R01	3.000	5	1.00	0.375	no	3.000	1.755	2.000	1.6	2.961	1.894	1.981	1.2
5G5M-40R01	4.000	8	1.50	0.625	yes	4.000	2.769	2.500	1.0	3.961	2.906	2.481	0.8
5G6M-40R01	4.000	6	1.50	0.625	no	4.000	2.755	2.500	1.0	3.961	2.894	2.481	0.8
5G5M-50R01	5.000	9	1.50	0.625	yes	5.000	3.759	2.500	1.7	4.961	3.897	2.481	0.6
5G6M-50R01	5.000	7	1.50	0.625	no	5.000	3.755	2.500	0.7	4.961	3.894	2.481	0.6
5G5M-60R01	6.000	10	1.50	0.625	no	6.000	4.757	2.500	0.6	5.961	4.896	2.481	0.4
5G6M-60R01	6.000	8	1.50	0.625	no	6.000	4.755	2.500	0.6	5.961	4.894	2.481	0.4

GOLD-RUSH

Member IMC Group
Ingersoll
Cutting Tools

ROUNDline

Solid Carbide End Mills

Innovative high-performance solid carbide end mills

3rd ROUND

- Combo high-feed variable pitch chipsplitter
- 4- and 5-flutes with 38° and large corner radii
- An end mill that provides the greatest advantage in cavity milling and heavy roughing cuts
- The serrated cutting edge leaves a better surface finish than competitors' roughing end mills
- Chatter-free

BUY 3 AND...

OFFER A

Promo Code
332A

PURCHASE 3 end mills of the same diameter & **RECEIVE** 1 end mill of the same diameter or smaller **ABSOLUTELY FREE!**

STEDI[®] ROUNDS

- Variable pitch solid carbide with excellent chatter dampening features in both roughing and finishing
- The unique geometry provides excellent surface finish and long tool life while machining at high MMR
- Chamfered or radiused corners

...GET 1 FREE!

HYPER[®] ROUNDS

- Combination different helix (35° and 37°) and variable pitch
- Excellent chatter dampening due to their variable pitch
- Suitable for all type of steel and high temperature alloys
- Excellent solution for low power machines with CAT40 and BT40 adaptations, improving their material removal rates and minimizing vibration

GOLD[®] RUSH

BOREline

TWO FOR ONE!

DRILL[®] IN

Solid carbide drills

- Split point design and aggressive high-performance cutting geometry
- Ultra-fine substrate with TiAlN coating provides excellent high-feed heat and wear resistance
- Increased body rigidity and hole quality with low cutting force
- Wide, lapped flutes for smooth chip evacuation
- 3xD through 20xD drills feature coolant-through

3xD

up to

20xD

Promo Code
333A

OFFER A

PURCHASE one drill & **RECEIVE** one drill of equal or lesser value

FREE OF CHARGE!

BOREline

GOLD•TWIST

REPLACEABLE
TIPS!

New generation replaceable tip drills!

- Innovative quick change system provides a much larger number of drill tip sizes on the same drill body
- Very stable and accurate clamping system improves rigidity, reduces internal stress and increases position and support
- Drill is PVD coated for maximum wear resistance and prolonged body life
- Expanded diameters from .2756" to 1.0196" (7mm to 25.9mm)
- Twisted coolant holes with polished flute design
- 1.5xD, 3xD, 5xD and 8xD bodies
- Available in cylindrical & weldon shanks
- 3 geometries: TPA-steel, TKA-cast iron, TMA-stainless steel

OFFER A

Promo Code
334A

PURCHASE 4 tips of the same size & **RECEIVE** 1 corresponding body at a **50% DISCOUNT!**

OFFER B

Promo Code
334B

PURCHASE 6 tips of the same size & **RECEIVE** 1 corresponding body **FREE!**

FREE
DRILL!

BOREline

GOLD•TWIST Drill/Chamfer

NEW!

New tap / drill / chamfer tool

- Designed in standard inch & metric tap sizes
- Drilling, chamfering & counterboring in both blind and through-hole applications
- Combination tool eliminates the need for step drills reducing inventory and down-time
- Twisted flutes provide smooth chip evacuation and high penetration rates
- Two effective chamfer inserts symmetrically aligned for balanced cutting

OFFER A

Promo Code
335A

PURCHASE 4 tips of the same size & 10 chamfering inserts & **RECEIVE** 1 corresponding body at a **50% DISCOUNT!**

OFFER B

Promo Code
335B

PURCHASE 6 tips of the same size & 10 chamfering inserts & **RECEIVE** 1 corresponding body **FREE!**



BOREline

**NEW
GRADE!**

QUADOTWIST™ DRILL

New generation indexable drills with 4-edge insert!

- New design provides 100% usage of all 4 cutting edges
- Improved chip breaking in gummy and exotic materials
- Twisted coolant holes with very deep flutes for maximum chip evacuation
- 2xD, 3xD, 4xD and 5xD bodies
- NEW FOR 2014 – Expanded diameters up to 2.000"
- Pressed inserts with unique chip breaker in grades IN2505, IN6505 & IN1030 for tough applications

OFFER A

Promo Code
336A

PURCHASE 20 inserts
& **RECEIVE**
1 corresponding drill body at a
**40%
DISCOUNT!**

OFFER B

Promo Code
336B

PURCHASE 40 inserts
& **RECEIVE**
1 corresponding drill body
FREE!

**4 CUTTING
EDGES!**

CHASEline

**FREE
TIPS!**

CHIP•SURFER™

Special form replaceable tip end mills

- CHIP•SURFER economy, convenience and performance in custom, special forms
- Form is contained on a short carbide tip that can be changed on the machine in seconds
- Tip repeats within +/- .0005"
- Economical steel or rigid carbide CHIP•SURFER shank options

OFFER A

Promo Code
337A

PURCHASE a minimum
of 6 identical special form tips
& **RECEIVE** a
50% DISCOUNT
on a steel, carbide or
heavy metal shank*

*Shank must fit special tips
ordered on this promo

OFFER B

Promo Code
337B

PURCHASE 10 identical
special form tips**
& **RECEIVE** 2 standard tips
ABSOLUTELY FREE!

**Tips must be same size/adaption size
as original order on this promo

OFFER C

Promo Code
337C

PURCHASE
20 identical special form tips
& **RECEIVE** 4 standard tips**
ABSOLUTELY FREE!

**Tips must be same size/adaption size
as original order on this promo

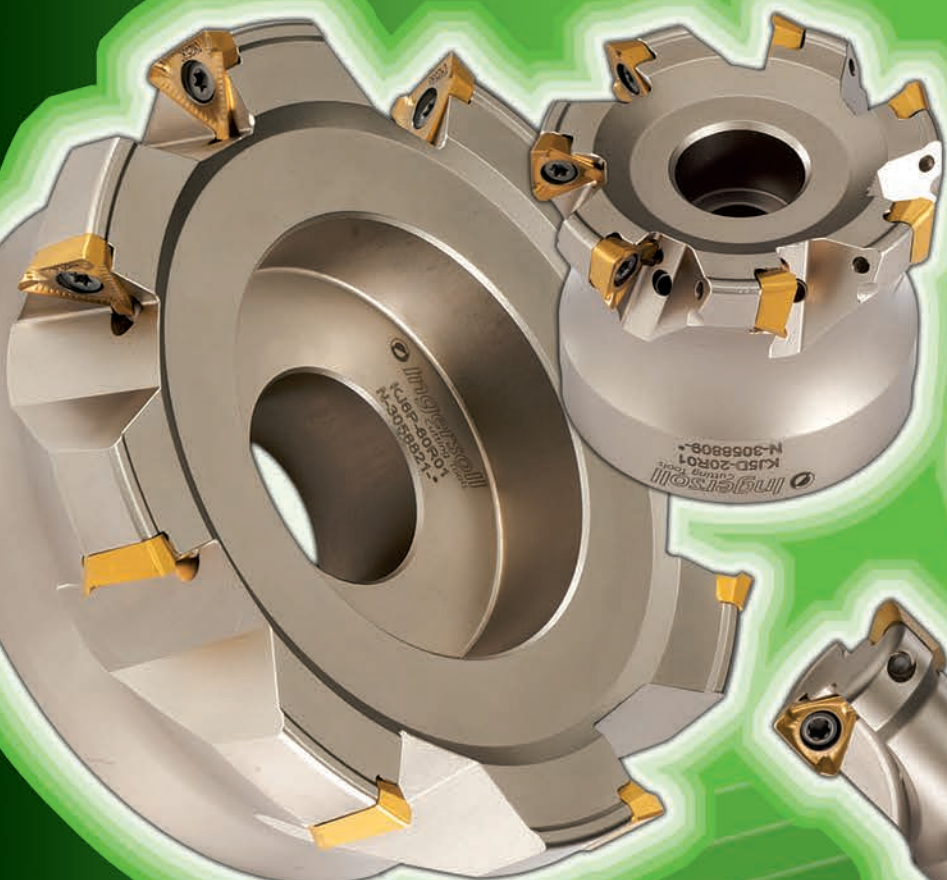
Member IMC Group
Ingersoll
Cutting Tools

CHASEline

HIPOSO•TRIO™

Three edges for the price of two!

- 3-edged Hi•PosTrio inserts priced like 2-edged Hi•Pos product equals 1 free edge!
- Hi-positive design with 3 cutting edges for performance & economy
- Three insert geometries to cover a wide range of applications
- Full range of insert radii in Ingersoll's premium grades
- Three insert sizes for complete diameter coverage
- Diameter range from .625" to 6.00"
- Ramping capability for cutting versatility
- Coolant-thru tools up to 3.00" diameter



GOLD•RUSH

OFFER A

Promo Code
338A

PURCHASE 10 inserts
& **RECEIVE**

1 corresponding cutter body
up to 2.00" at

50% OFF

OFFER B

Promo Code
338B

PURCHASE 30 inserts
& **RECEIVE**

1 corresponding cutter body
up to 5.00" at

60% OFF

CHASEline

ISO•PLUS

High feed mill with 8 indexes!

- Value with 8 strong cutting edges (4+4)
- Near net shape flexibility with .065" axial depth of cut capability
- Chip evacuation via coolant through the tool capability
- Clearance angles for corkscrew and ramping applications
- Deck surface finish capability with .050" integrated wiper flat
- Utilizes the same insert used on our 45° lead (series DN6H) and 15° lead (series DL6H) cutters



Promo Code
339A

OFFER A

PURCHASE 20 inserts
& **RECEIVE**

1 corresponding body
up to 4.00" at a

30% DISCOUNT!

Promo Code
339B

OFFER B

PURCHASE 40 inserts
& **RECEIVE**

1 corresponding body
up to 4.00" at a

50% DISCOUNT!



**EIGHT
INDEXES!**



Member IMC Group
Ingersoll
Cutting Tools

TURNline

**FREE
HOLDER!**

TOTANK™

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

- Same thickness as 1/2" I.C. turning inserts at 20-25% lower cost!
- Inserts feature a 3/8" I.C. and are available in 4 shapes (CNMG, DNMG, SNMG, TNMG)
- Unique clamping system provides fast indexing and excellent stability.
- 12 external holder styles (including quick change) & 6 boring bar styles.
- Cutting depths up to .175" per side!
- 12 grades and 11 geometries

OFFER A

Promo Code
340A

PURCHASE 20 inserts
& **RECEIVE** 1 corresponding
square shank external holder
**ABSOLUTELY
FREE!**

OFFER B

Promo Code
340B

PURCHASE 30 inserts
& **RECEIVE**
1 corresponding boring bar
**ABSOLUTELY
FREE!**



**SAME PERFORMANCE
AT 20-25%
LOWER PRICE!**

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

ISO TURN
(CNMG 12)

TOTANK™



Actual size of insert



CNMG



DNMG



SNMG



TNMG

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 T-Tank, a series of smaller, but robust, ISO turning inserts to meet the manufacturing industry's needs of reduced machining costs and increased competitiveness.



Member IMC Group
Ingersoll
Cutting Tools

TURNline

**GREAT
PAK PRICES!**

GOLD RUSH Grades

TT5080 & TT9080 for high temp alloy and stainless steel applications

Both grades feature a new PVD coating with TiN outer layer for wear detection, and the "Gold Rush" post-coat treatment that creates a stronger cutting edge while reducing build up

TT5080 (PVD)

M05 — M20
S05 — S20

- For turning a wide variety of high-temp alloys and stainless steels
- Very hard submicron substrate for maximum wear resistance
- Ideal in continuous cuts and at higher cutting speeds

TT9080 (PVD)

M20 — M40
S20 — S40

- For general machining of stainless steel and high temp alloys
- Submicron substrate with very good fracture toughness

Promo Code
341A

TOTYPE FLEX PAK*

CREATE your own pak consisting of:

- 1** External Holder,
- 10** Inserts &
- 1** Wrench

*Pak creations subject to available insert/chipbreaker combinations

CNMG

\$139



Size	Pick 1 Holder	Pick Insert Size	Pick Chipbreaker	Pick Grade
.75"	TCLNL12-4B	CNMG431	EA	TT5080
.75"	TCLNR12-4B		ML	
1.00"	TCLNL16-4D		MP	
1.00"	TCLNR16-4D	CNMG432	PC	TT9080
1.25"	TCLNL20-4D		EM	
1.25"	TCLNR20-4D	CNMG433	ET	TT9080
1.25"	TCLNR20-4D		RT	

DNMG



\$159

Size	Pick 1 Holder	Pick Insert Size	Pick Chipbreaker	Pick Grade
.75"	TDJNL12-4B	DNMG431	EA	TT5080
.75"	TDJNR12-4B		FG	
1.00"	TDJNL16-4D		ML	
1.00"	TDJNR16-4D	DNMG432	MP	TT9080
1.25"	TDJNL20-4D		EM	
1.25"	TDJNR20-4D	DNMG433	ET	TT9080
1.25"	TDJNR20-4D		RT	

VNMG



\$169

Size	Pick 1 Holder	Pick Insert Size	Pick Chipbreaker	Pick Grade
.75"	TVJNL12-3C	VNMG331	EA	TT5080
.75"	TVJNR12-3C		FG	
1.00"	TVJNL16-3D		ML	
1.00"	TVJNR16-3D	VNMG332	MP	TT9080
1.25"	TVJNL20-3D		EM	
1.25"	TVJNR20-3D		RT	

WNMG



\$149

Size	Pick 1 Holder	Pick Insert Size	Pick Chipbreaker	Pick Grade
.75"	TWLNL12-4B	WNMG431	EA	TT5080
.75"	TWLNRL12-4B		FG	
1.00"	TWLNL16-4D		ML	
1.00"	TWLNRL16-4D	WNMG432	MP	TT9080
1.25"	TWLNL20-4D		EM	
1.25"	TWLNRL20-4D	WNMG433	ET	TT9080
1.25"	TWLNRL20-4D		RT	

FINISHING FG EA ML MP PC EM ET MT RT ROUGHING

TURNline

BLACK RUSH

New generation grades!

TT7005

K05 — K15
P05 — P15

For High Speed Machining of Gray & Ductile Cast Iron & Alloy Steel

- New substrate and coating provides maximum wear resistance
- Top choice for high speed, continuous machining of cast iron & alloy steel

TT7015

K10 — K25
P10 — P20

For General Machining of Gray & Ductile Cast Iron & Alloy Steel

- Secure and stable tool life with ideal combination of wear resistance and toughness
- Improved chipping resistance and higher toughness due to stronger coating adhesion
- Ideal for continuous and interrupted machining of gray and ductile cast iron, and continuous machining of alloy steel

CNMA/G 43x

\$139



Size	Pick 1 Holder	Pick Insert	Pick Chipbreaker	Pick Grade
.75"	TCLNL12-4B	CNMA/G 432	FG	TT7005
.75"	TCLNR12-4B		MP	
1.00"	TCLNL16-4D		MT	
1.00"	TCLNR16-4D	CNMA/G 433	RT	TT7015
1.25"	TCLNL20-4D		Flat Top	
1.25"	TCLNR20-4D	CNMA/G 434	Flat Top	TT7015
1.25"	TCLNR20-4D		Flat Top	

DNMA/G 43x

\$159



Size	Pick 1 Holder	Pick Insert	Pick Chipbreaker	Pick Grade
.75"	TDJNL12-4B	DNMA/G 432	FG	TT7005
.75"	TDJNR12-4B		MT	
1.00"	TDJNL16-4D		RT	
1.00"	TDJNR16-4D	DNMA/G 433	Flat Top	TT7015
1.25"	TDJNL20-4D		Flat Top	
1.25"	TDJNR20-4D	DNMA/G 434	Flat Top	TT7015
1.25"	TDJNR20-4D		Flat Top	

WNMA/G 43x

\$149



Size	Pick 1 Holder	Pick Insert	Pick Chipbreaker	Pick Grade
.75"	TWLNL12-4B	WNMA/G 432	FG	TT7005
.75"	TWLNRL12-4B		MP	
1.00"	TWLNL16-4D		MT	
1.00"	TWLNRL16-4D	WNMA/G 433	RT	TT7015
1.25"	TWLNL20-4D		Flat Top	
1.25"	TWLNRL20-4D	WNMA/G 434	Flat Top	TT7015
1.25"	TWLNRL20-4D		Flat Top	



**NEW
GRADES!**

Also Featuring the **NEW**
COMBI-CLAMP

Promo Code
342A

1/2" I.C. BLACK RUSH INSERT FLEX PAK*

CREATE your own pak consisting of:

- 1** External Holder,
- 10** Inserts &
- 1** Wrench

Includes **FREE**
COMBI-CLAMP
(Part number DCLS-4H)

*Pak creations subject to available insert/chipbreaker combinations

Chipbreakers



FG: Finishing
MP: Medium
MT: Medium to Roughing
RT: Roughing
FLAT TOP: Heavy Roughing

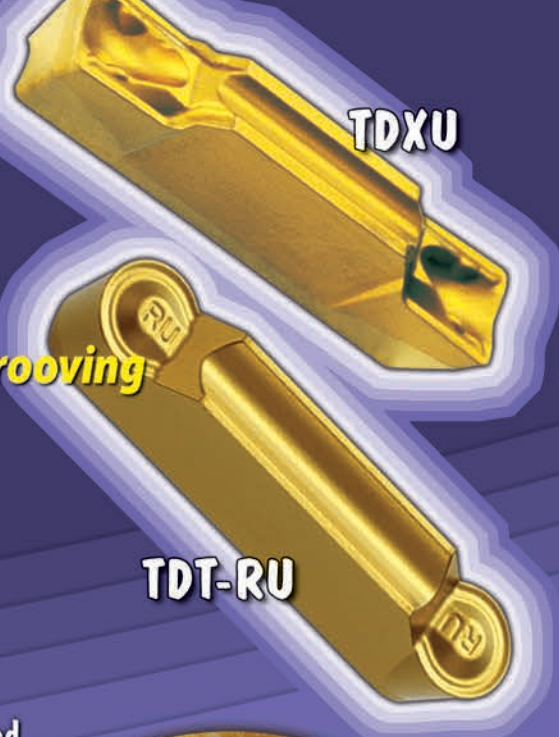
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Ingersoll
Cutting Tools

TURNline

TOCLAMP^{ULTRA+}

Modular kits for parting, grooving and turn-grooving

- Modular system provides flexibility and economy
- External and face grooving style cartridges available
- New, external cartridges with extended "T-MAX" suitable for increased cutting depths
- Available in 2mm to 8mm widths
- Deal includes: 1 holder, 1 cartridge, 1 wrench & 20 double-ended inserts of your choice:
 - TDXU inserts for parting, grooving or turn-grooving, or
 - Full-radius TDT-RU inserts for profiling



OFFER A

Promo Code
343A

PURCHASE 20 inserts
& **RECEIVE** 1 corresponding
holder/blade assembly
**ABSOLUTELY
FREE!**



**FREE
HOLDER &
CARTRIDGE!**

GOLD-RUSH



TURNline

TOCLAMP^{ULTRA+}

Special insert capability!

- Special widths, radii, lead angles, forms...YOUR CHOICE!
- **4 WEEK DELIVERY!**
- Inserts produced with TDT chip breaker style geometry, or TDG flat top
- Available in 2mm to 10mm widths
- Grade TT9080 for general purpose applications
- Grade TT7280 for steel, and where more toughness required
- All inserts feature "GOLD RUSH" post coat treatment



Promo Code
344A

OFFER A

PURCHASE 20 inserts
& **RECEIVE**
1 standard holder **FREE!**
or 1 special holder* at a
50% DISCOUNT!

*Subject to quoted leadtime

**4 WEEK
DELIVERY!**

Member IMC Group
Ingersoll
Cutting Tools



TURNline

GOLD FLEX

QUAD GROOVE LINE

4-edge parting and grooving system

- 3 contact seating surface with side torx screw for accurate positioning
- Screw releases from either side of the holder for convenient insert changes
- Now available in 3 geometries!
 - TQJ: for low cutting forces
 - TQC: for higher feed rates
 - TQS: flat top with high positive rake angle
- Universal grade TT9080 for all materials and applications
- TQS inserts also available in cermet grade CT3000

TQJ

TQC

TQS

OFFER A

PURCHASE 5 inserts
& **RECEIVE**
1 corresponding holder at a
75% DISCOUNT!

Promo Code
345A

OFFER B

PURCHASE 10 inserts
& **RECEIVE**
1 corresponding holder
FREE!

Promo Code
345B

**4 CUTTING
EDGES!**

TURNline

TO MINI

Small diameter boring bars with indexable inserts

- Capable of boring diameters as small as .197" (5mm)
- Steel or carbide bars
- 6 boring bar styles
- Optional sleeves to assist with holding
- Inserts in cermet grade CT3000

OFFER A

PURCHASE 10 inserts
& **RECEIVE** 1 corresponding
steel holder at a
50% DISCOUNT!

Promo Code
346A

OFFER B

PURCHASE 20 inserts
& **RECEIVE** 1 corresponding
steel holder
**ABSOLUTELY
FREE!**

Promo Code
346B

OFFER C

PURCHASE 20 inserts
& **RECEIVE** 1 corresponding
carbide holder at a
50% DISCOUNT!

Promo Code
346C

OFFER D

PURCHASE 30 inserts
& **RECEIVE** 1 corresponding
carbide holder
**ABSOLUTELY
FREE!**

Promo Code
346D

**FREE
HOLDER!**



TURNline

TOMICRO™

Coolant through micro sized inserts for internal boring and grooving, and small diameter facing applications

- Capable of boring diameters as small as .024" (6mm)
- Double-ended sleeves to assist with holding
- All inserts are coolant-thru
- 9 styles to choose from



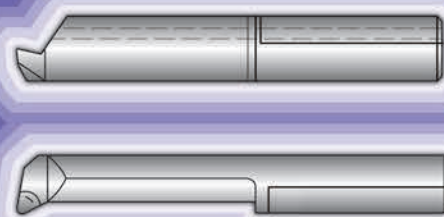
TOMICRO™

Large variety of inserts for various applications

FREE SLEEVE!

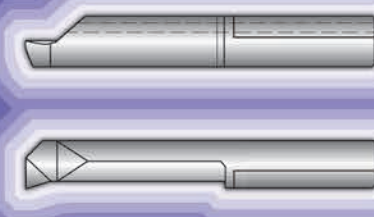
MINT

Internal turning & chamfering



MINP

Internal turning & profiling



MINC

Internal turning & 45° chamfering



MINF

Deep face grooving



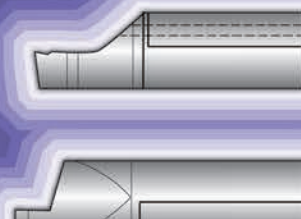
MING

Grooving & turning

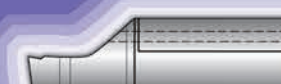


MINA

Shaft grooving



Face grooving



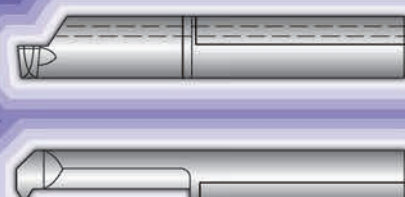
MINR

Full radius for internal boring & profiling



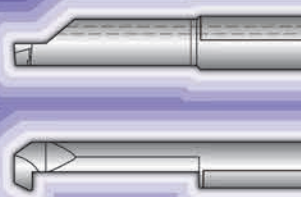
MINN

Internal thread turning



MINB

Internal back turning



OFFER A

**PURCHASE 4 inserts
& RECEIVE**

1 corresponding sleeve at a
50% DISCOUNT!

Promo Code
347A

OFFER B

**PURCHASE 6 inserts
& RECEIVE**

1 corresponding sleeve
ABSOLUTELY FREE!

Promo Code
347B



GOLD-RUSH

Member IMC Group
Ingersoll
Cutting Tools



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