



**NEW**



# MAXLINE INSERTS



## New MaxLine Insert Offerings

Ingersoll is pleased to announce the expansion of our Maxline milling insert offerings. We now offer Chip Splitter Insert technology in the popular S-Max and Evo-Tec product lines, as well as Ramping Insert technology in the Evo-Tec line.

Both styles of inserts offer the economy of 4 durable cutting edges in multiple carbide grades suitable for wide range of materials.

## Chip Splitter Inserts

- Chip-splitting technology reduces cutting forces by converting broad chips into smaller segments for improved chip evacuation.
- Dampening of harmonics in extended reach and poor rigidity applications promotes increased tool life and significant productivity gains.
- Chip Splitter inserts fit standard cutter bodies as general purpose-style inserts for increased process flexibility.
- Available in insert sizes starting at 8mm i.c. in the Evo-Tec series thru 25mm i.c. in the S-Max series.
- ZGM style available in Multi-Purpose and Heavy Duty geometries for use in steels and iron.
- ZGE style available with High Shear geometry for use in stainless steels and high temp alloys.

For maximized performance, inserts should be mounted in an alternating pattern in the cutter body. Results can be further optimized by use in cutters with an even number of effective stations.

## Ramping Application Inserts

- Patented Ingersoll design provides proper clearance in ramping and corkscrewing milling applications.
- For use in existing cutter bodies from  $\text{Ø}1.250''$  thru  $\text{Ø}5.00''$ .
- Available in  $.031''$  and  $.062''$  corner radii.
- Secure pocket seating enhances performance and tool life, even in difficult to machine applications.





## CHIP SPLITTER INSERTS



Part Number	Corner	Application	Grade	IN2505	IN2530
ZGM212R101	4 X .031" R	Multi-Purpose		X	X
ZGM314R001	4 X .031" R	Multi-Purpose		X	X
ZGE314R001	4 X .031" R	Multi-Purpose			X
ZGM324R001	4 X .06" X 45 Deg	Multi-Purpose		X	X
ZGE324R001	4 X .06" X 45 Deg	Hi-Temp			X
ZGM324R201	4 X .031" R	Heavy Duty		X	X
ZGE324R201	4 X .031" R	High Temp			X
ZGM324R045	4 X .06" X 45 Deg	Multi-Purpose		X	X
ZGE324R045	4 X .06" X 45 Deg	High Temp			X
ZGM324R245	4 X .06" X 45 Deg	Heavy Duty		X	X
ZGE324R245	4 X .06" X 45 Deg	High Temp			
ZPM324R001	4 X .031" R	Multi-Purpose		X	
ZPM424R001	4 X .031" R	Multi-Purpose		X	
ZPM434R001	4 X .031" R	Multi-Purpose		X	
ZNM434R201	4 X .031" R	4 X .15" X 45 Deg		X	
ZPM434R045	4 X .12" X 45 Deg	Multi-Purpose		X	
ZNM434R245	4 X .12" X 45 Deg	Heavy Duty		X	
ZPM436R001	4 X .031" R	Multi-Purpose		X	
ZPM436R045	4 X .15" X 45 Deg	Multi-Purpose		X	

## RAMPING INSERTS



Part Number	Corner	Application	Grade	IN2505	IN2530
DGM212R100-R	4 X .015" R	Multi-Purpose		X	X
DGM314R001-R	5 X .031" R	Multi-Purpose		X	X
DGM314R002-R	4 X .062" R	Multi-Purpose		X	X

## TECHNICAL INFORMATION

