

Ingersoll **TAEQU** line **INTRODUCES...**

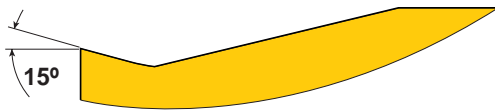
CHIPBREAKERS **for** **EXOTIC** *Materials*



Ingersoll TaeguLine introduces two types of chipbreakers for machining stainless steel and heat resistant alloys.

EA is a chipbreaker for semi-finishing and finishing operations. It controls chips at a very low depth of cut and low to medium feed rates. Its sharp cutting edge has been adopted for smooth cutting which improves surface finishes and increases accuracy.

ET is a chipbreaker for rough machining. Its positive rake angle reduces machining load during roughing applications and minimizes built-up-edges. In addition, the geometry helps to reduce heat generated while machining.





EA - EXOTIC ACCURATE

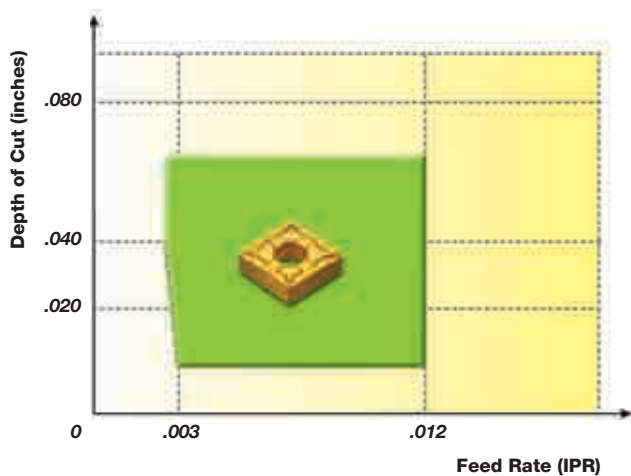
Cutting Edge Geometry



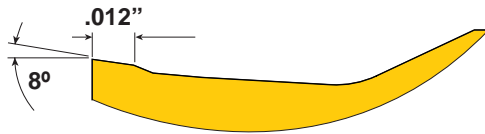
EA is designed with very high positive geometry that minimizes built-up-edge and reduces machining load. Its sharp cutting edge and tight chipbreaker deliver excellent surface finishes.

FEATURES:

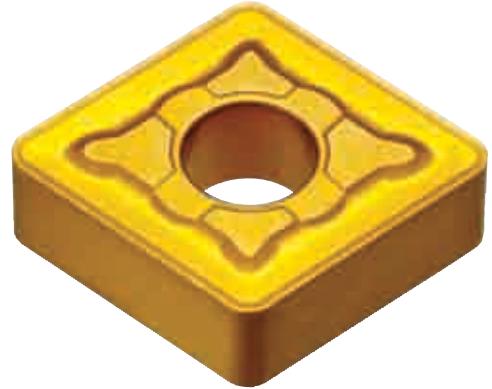
-  Very tight chipbreaker for low depth of cut and low to medium feed rates.
-  Sharp geometry to minimize built-up-edge.
-  High positive rake angle and helix designed to minimize machining loads.
-  Accurate finishing and exceptional surface quality.

RECOMMENDED CUTTING CONDITIONS:**Recommended Cutting Conditions:**

- CNMG431EA
- $a_p = .016''$ (.008" ~ .060")
- $f = .004''$ (.002" ~ .012") IPR




ET - EXOTIC TOUGH

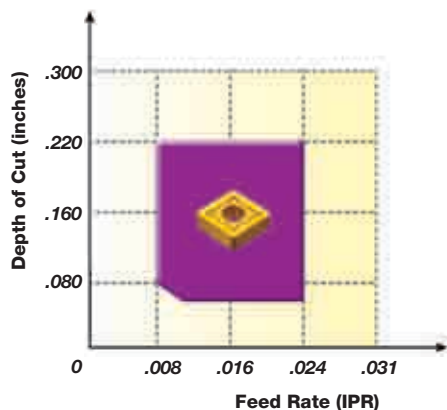
Cutting Edge Geometry



ET is designed with positive geometry to minimize built-up-edges created while machining exotic materials and stainless steel. Its geometry reduces machining load and is ideal for roughing difficult-to-cut materials.

FEATURES:

-  Positive, yet strong chipbreaker for high depth of cut and high feed rates.
-  Sharp geometry to minimize built-up-edge.
-  High positive rake angle in order to minimize machining loads and reduce heat.

RECOMMENDED CUTTING CONDITIONS:**Recommended Cutting Conditions:**

- CNMG433ET
- $a_p = .120''$ (.050" ~ .220")
- $f = .014''$ (.008" ~ .024") IPR

STOCKED ITEMS:**EA Chipbreaker**

Designation
CNMG431EA TT5100
CNMG431EA TT5030
CNMG431EA TT1500
CNMG431EA TT3500
CNMG431EA TT8020
CNMG431EA CT3000
CNMG432EA TT5100
CNMG432EA TT5030
CNMG432EA TT1500
CNMG432EA TT3500
CNMG432EA TT8020
CNMG432EA CT3000

ET Chipbreaker

Designation
CNMG432ET TT5100
CNMG432ET TT5030
CNMG432ET TT3500
CNMG433ET TT5100
CNMG433ET TT3500
CNMG433ET TT5030
CNMG543ET TT5100
CNMG543ET TT3500
CNMG643ET TT5100
CNMG643ET TT5030
CNMG643ET TT3500
CNMG644ET TT5030
CNMG644ET TT5100
CNMG644ET TT3500

* Other grades are available upon request.

(Subject to minimum order requirements.)