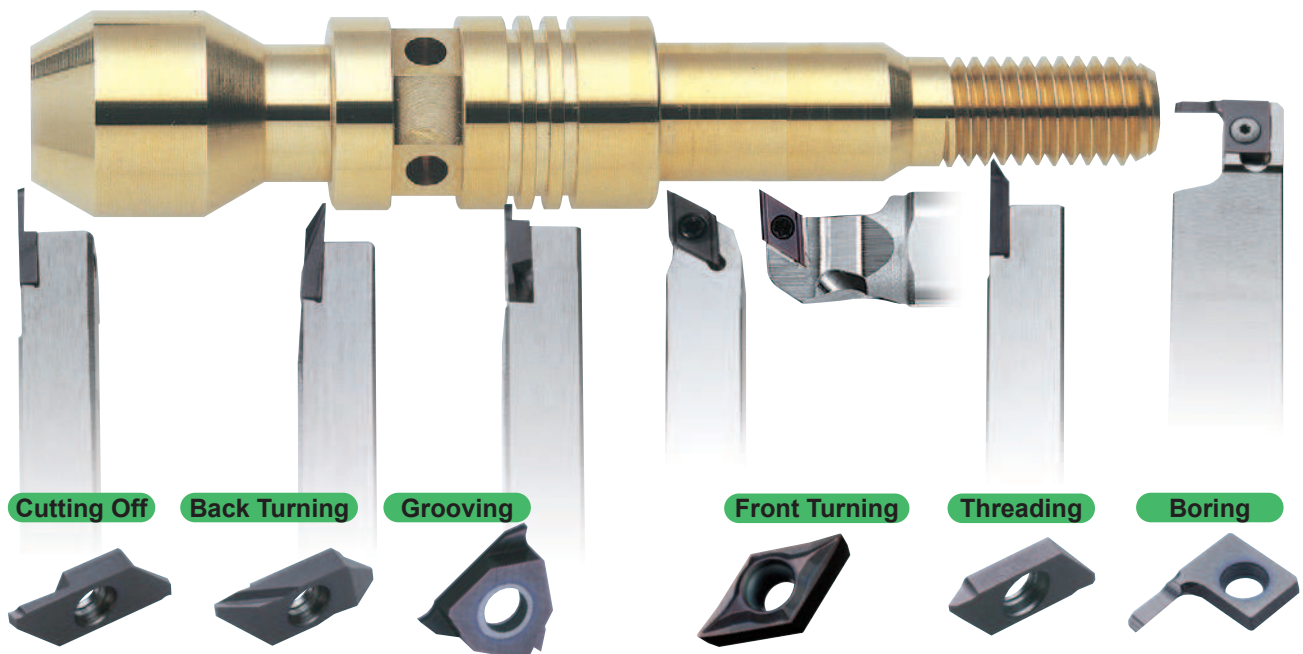


OUTLINE OF SMALL TOOLS

TOOLS FOR GANG TYPE AUTOMATIC LATHES (FOR EXTERNAL TURNING AND BORING)

SMALL TOOLS

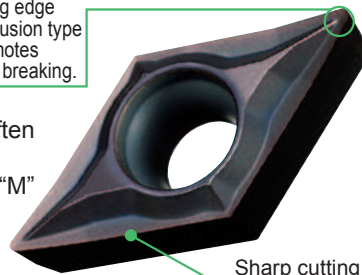


● SMG Breaker Insert

Nose radii designed with minus tolerance

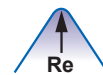
- Suitable for small parts applications that often require minus tolerance dimensions.
- The order number is shown with the letter "M" that indicates minus tolerance.
- The radius value is printed on the side of the insert label for easy recognition.

A combination of a curved cutting edge and the protrusion type breaker promotes efficient chip breaking.



Sharp cutting edge

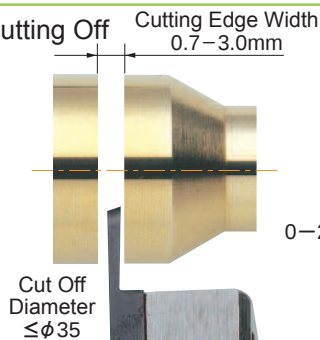
● Tolerance Corner R



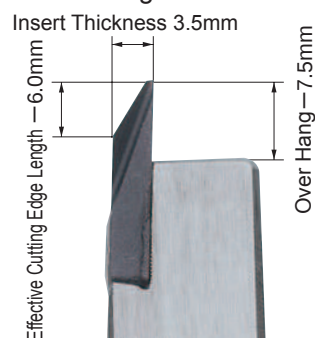
SMG Breaker Insert
Re $\begin{smallmatrix} 0 \\ -0.05 \end{smallmatrix}$ mm
(Conventional G-class insert)
Re ± 0.10 mm

E class
Re $\begin{smallmatrix} 0 \\ -0.02 \end{smallmatrix}$ mm

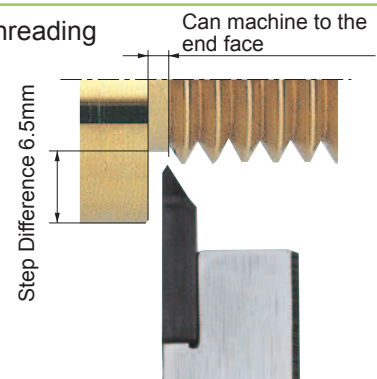
● Cutting Off



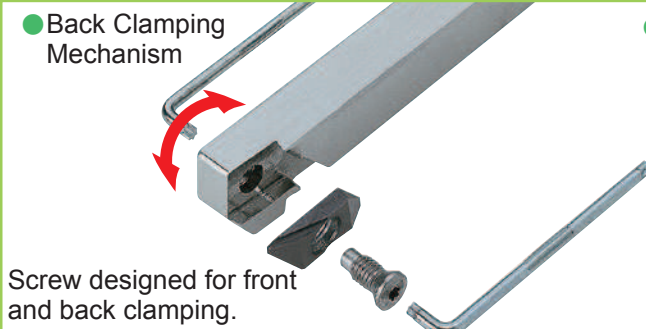
● Back Turning



● Threading

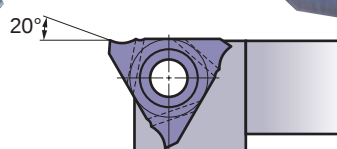


● Back Clamping Mechanism



● Grooving

- 3-cornered
- Groove width 0.3-3.0mm
- Traversing possible



● Front Turning

- ISO E class accuracy inserts
- A wide variety of small corner R inserts
- Rake angle 30°

