

FACE MACHINING

The "Splitter" for GDM 8mm Single Ended Insert

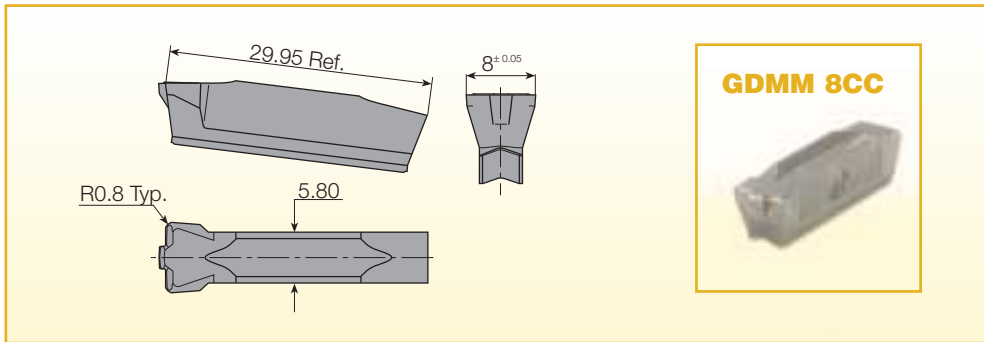
The Solution for Curled Chips to Make Your Life Easier.

The SPLITTER insert has a unique cutting edge designed to split and shorten chips into small sections. This insert solves existing problems caused by long and curled chips - the main problem with similar inserts.

These long and curled chips make it necessary for the operator stop machining from time to time to clear chips from his work area, the tools, work-piece and chip conveyor, when the chips don't evacuate properly.

The SPLITTER insert performs only roughing operations for face grooving, external and internal grooving and side turning.

The frontal cutting edge with a stepped design cuts a non-straight bottom groove surface requiring a finishing operation with an additional standard straight cutting edge GRIP tool such as HELIFACE, HELIGRIP, CUT-GRIP or TOP-GRIP. The SPLITTER insert clamps on existing CUT-GRIP tool types: GHDR/L...8, GHFG-...8R/L, GHFGR/L-...8, GHIL-...8, CGHN...-8D.



Recommended Machining Conditions:

Material: Alloy Steel 200 - 375 HBN

Grooving:

Speed = 100 - 150 m/min
Feed = 0.12 - 0.22 mm/rev

Turning:

D.O.C = 3.5 mm/max
Speed = 100 - 150 m/min
Feed = 0.12 - 0.25 mm/rev