

GTGN

Features

Suitable for highly precise grooving

Accurate ground inserts with sharp edge and excellent chip control

Highly recommended for accurate grooving such as circlip grooving.

Combining with the SH730 grade, the new range demonstrates high sharpness and stability for long tool life

Groove width *W*: .039 ~ .089", tolerance: ±.0012"
 Groove depth *T*: .049 ~ .071"

Economical advantages

- Lay-down insert with 3 cutting edges
- Can be used with a number of toolholders to reduce inventory
 By just changing the shim, toolholders for TungThread can be used for GTGN inserts.



Toolholder applicable for both GTGN and TungThread by just changing the shim.



Note: GTGN insert can't be used on specific toolholders that don't need shim.
 Shim for GTGN insert can't be applied to competitors' toolholders.

Standard cutting conditions

Work materials	Grades	Cutting speed <i>V_c</i> (sfm)	Feed <i>f</i> (ipr)
Steels (1045, 4140 etc.)	SH730	160 - 490	.002 - .004
Stainless steels (304, 316 etc.)		100 - 490	.002 - .004
Heat-resistant alloys, Titanium alloys etc. (Ti-6Al-4V etc.)		100 - 330	.002 - .004