THE PERFECT THREAD

CUSTOMER BENEFITS

- Process security
- Threads without burrs
- Required tolerance respected
- Better chip evacuation
- 3xD Threading depth
- Internal coolant
- High productivity
- Improved performance

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ABSTRACT
The industry demands more and more perfection in threading than ever before. Requirement of a perfect thread is machining the burr free complete profile but unfortunately there was no tool available in the market to fulfill this most important requirement.

Our objective was to develop a tool based on GW series which will produce threads without any burr. The tool cuts the flanks of the thread along with the core hole diameter.

For a perfect thread, a perfect hole is required. Hence DC Swiss also recommends a centre and spiral drill.

FEATURES
The ultrafine grade carbide tool coated with VS coating provides excellent heat resistance which is an ideal combination for a high performance machining.

CYCLE OF MILLING
Counter clockwise rotation. Tool left hand cut.
Feed only on one tooth. Internal coolant recommended for best chip evacuation.

APPLICATION
Material: Titan grade 4
Machine: Tornos Evo Deco
Typ of hole: Blind hole
Thread size: M1.8 6H
Thread length: 2xD
Lubricant: Cutting oil
Vc & Feed: 30 m/min & 0.03 mm/tooth

AFTER 2500 THREADS
GWI5066VS M1.8x0.35

COMPETITOR

PERFECT THREAD
GWI5066VS M1.8x0.35

PRODUCT LINE

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FZ315VS

C315VS

GWI5066VS GWI5067VS

in stock delivering in 4 weeks

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