



NexGen Cutting Tools with Super Finishing



**Increased Tool Life
Reduced Cutting Forces
Increased Homogeneity**



CERTIFIED

www.axis-microtools.com



QUALITY • PRECISION • CONSISTENCY

What is ~~AXIS~~+

AXIS Plus integrates High Precision Tools manufactured at our facility using state-of-the-art MMP® Technology a unique Super-finishing treatment, creating an unparalleled product

~~AXIS~~ Tools offer customers unique benefits and enhanced performance levels.

Features

- Super finished surfaces
- Controlled and repeatable edge preparation
- Optimised surface finish before PVD / DLC coatings
- Super finishing post coatings

Benefits

- Improved chip flow
- Reduced heat generation resulting into smooth cutting
- Narrow service life deviation
- Improved process capability
- Improved adhesion results in longer tool life
- Reduced flute friction resulting into
 - Faster chip evacuation
 - Reduced cutting forces
 - Efficient machining of thin walled components

~~AXIS~~ Range of Tools

- Micro Drills
- Micro Endmills
- Ultra Long Drills
- Super Long Drills
- Tools for Stainless Steel Machining
- Tools for Titanium Machining
- PVD / DLC Coated Tools
- CVD Diamond Coated Tools

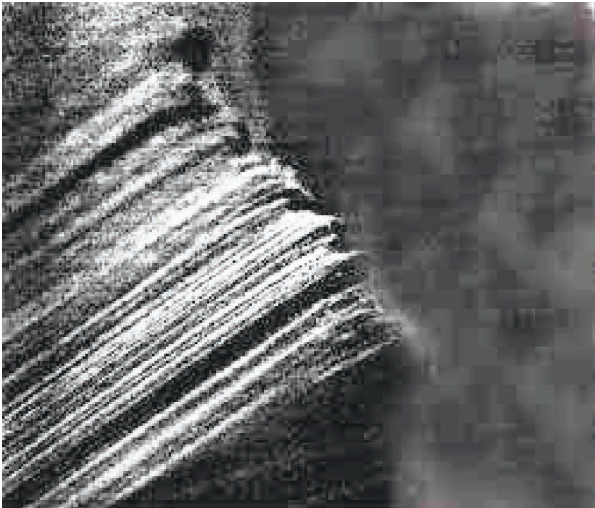




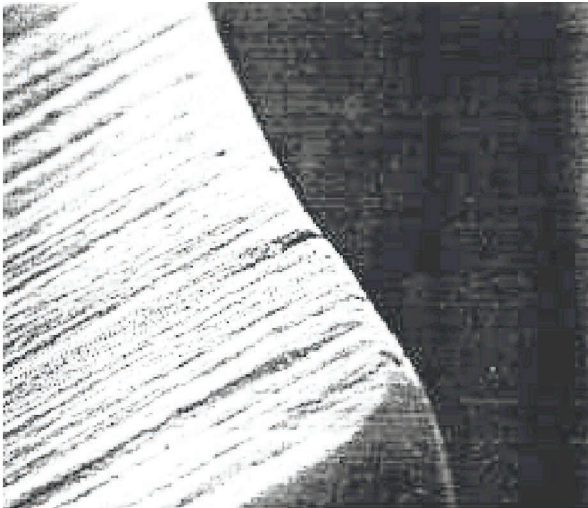
Suitable for Applications

- SS
- Ni
Alloys
- Ti
Alloys
- Platinum
- Hardened
Steels
- Thin
Walled
Components
- Many
Emerging
Materials

Standard Tool



Axis+ Tool



Tool Cutting Edge

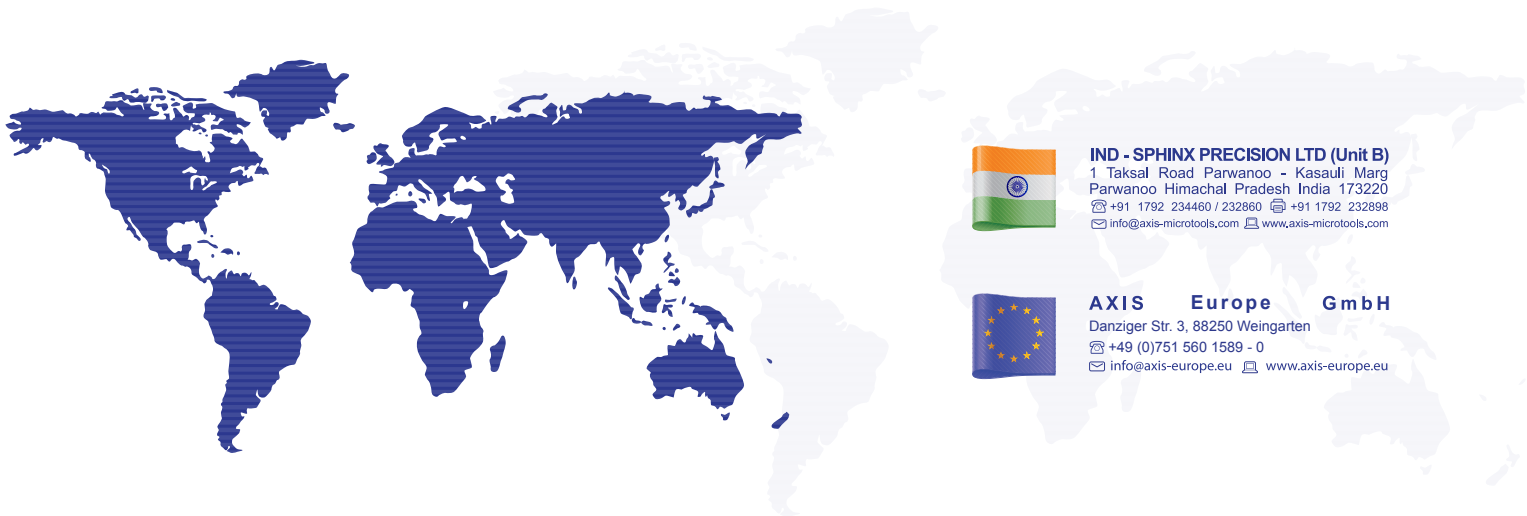
Tool Performance

Tool	T6991 - Solid Carbide Drill
Hole depthmm	1.3
Drill dia	ø 0.40 mm
Machine	Drilling SPM
Application Material	SS 302
Speed RPM	10000
Feed Ratemm/rev	0.007



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