

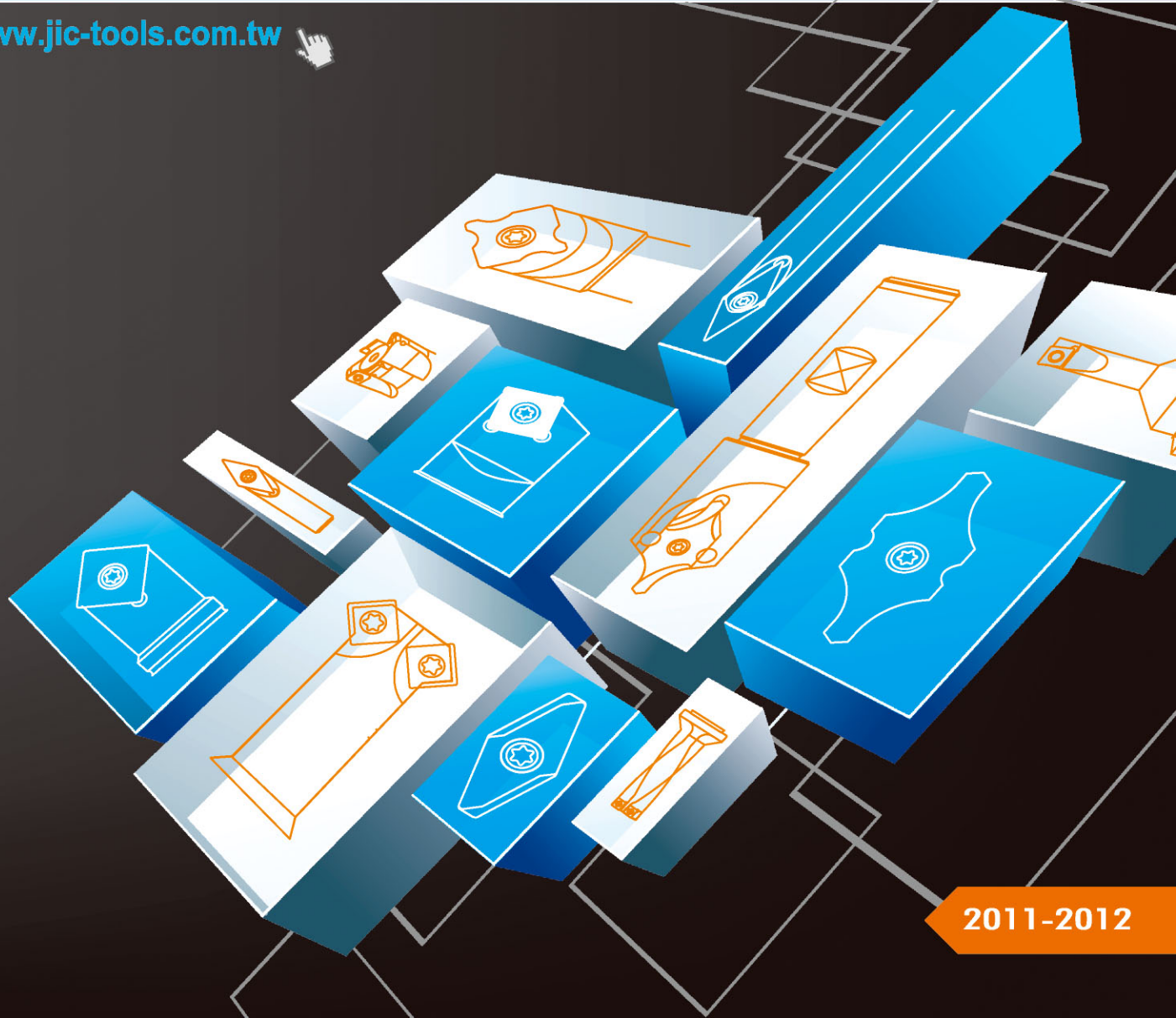


CUTTING TOOLS & TOOL HOLDERS

No Need To Choose, Nine9 Does It All !

**THE ACCURATE &
ADVANTAGED SOLUTION**

www.jic-tools.com.tw



2011-2012

NINE9 HISTORY

**INNOVATION IS THE ONLY FAITH OF OURS
EXCELLENT SOLUTION
FOR YOU LONG-TERM SUCCESS**



THE DEVELOPING MILESTONE

1994 → Nine9 company began in 1994 and with the development of special tools, boring bars, and accessories.

→ The Nine9 logo was commissioned in 1999. It comes from the Chinese characters meaning “long life and durability” – words which aptly describe all Nine9 tools. 99 is the largest 2 digit number, indicating maximum product endurance.

1994 ~1999 Foundation

→ Cutting Tools supply

→ During 1994 to 1999, Nine9 began by supplying special tools and problem-solving solutions to the domestic market. The multi-functional tools provided considerable cost and efficiency savings. This proved to be so successful that bulk orders became common place. Nine9 tools whilst being “special” in the industry, are standard in their product range. The first products to go into production were Twin Edge Rough Boring Tools. These established Nine9 as a market leader and innovator in the cutting tool field.

1995 → Small Hole Fine Boring Tools Launched
→ Customized Tools Producing
→ Standardized “High Efficiency” Boring Tools Range

1999 ~2003 Transition
→ Problem-Solving Manufacturer Of Tools Production

1999 → Indexable Power Drill Launched

2002 → Launched “Quick Change High Speed Boring Tools”

2003 → Becoming A Well-known International Cutting Tools Brand
→ Developed NC Spot Drill Series

2004 ~2006 NC Spot Drill Full Range Launched

2004 → Power Mill Series Launched

2007 → Engraving Tool Launched

2009 → i-Center Launched

→ Chamfer Mills Launched

2011 → Mini i-Center Launched



2003 ~ Globalization , Everlasting

→ Consolidate “ Develop, Design, Manufacture, QC, Marketing & Service” to be a team, Nine9 cutting tools are well-known in the machining industry market and enhance to be an global famous brand.



WE HAVE INVESTED RESOURCES
IN THE DESIGN AND MANUFACTURE OF INSERTED CUTTERS

RUN WITH THE BEST



NC Spot Drill

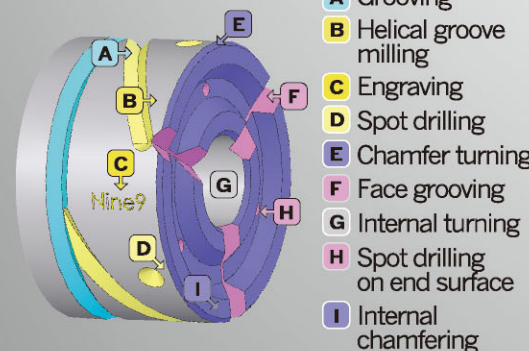
NC Spot Drill with Patented indexable carbide insert.

CNC lathes, CNC turning centers and machining centers.

One tool will perform multiple applications.

- Long tool life.
- Each insert has four cutting edges.
- Suitable for spotting, chamfering, grooving and engraving.
- 45° / 60° / 82° / 90° / 100° / 120° / 142° angle for different applications.
- Increase cutting speed with coated carbide inserts.

ALL IN ONE !!



- A Grooving
- B Helical groove milling
- C Engraving
- D Spot drilling
- E Chamfer turning
- F Face grooving
- G Internal turning
- H Spot drilling on end surface
- I Internal chamfering



i-Center

Indexable Center Drill

First "Indexable" center drill in the world. Shortens set up time and center drilling time.

Increases tool life which reduces tooling cost.

High Speed, High Feed Rate
Easy Tool Length Setting
Excellent Repeatability:0.02mm
Extended Tool Life
Universal and Easily Fitted with Any Available Shank

Features

- NC 2033: K20F grade carbide insert and TiAlN coated for carbon steel, alloy steel, high alloy steel, cast iron and Al, Al-alloy, Cu, Cu-alloy.
- 2 cutting edges, high performance for center drilling.
- Metric sizes: DIN 332 A+B, DIN 332 R, Ø1~Ø10 mm
- Inch sizes: ANSI (BS) #2 ~10



Engraving Tools

Indexable Engraving 45° / 60°

A revolutionary new concept Engraving tools with indexable carbide inserts

Engraving Applications

Engraving are widely used in metal cutting industries. Main focus areas are Medical components, Gun components, Mold and Die and anything that needs serialized, letter and logo engraving or components requiring lot traceability markings. In addition to apply for the industries such as Hardware, Automobile, Aviation, Dairy Equipments, Cutlery, Cutting Tools, Electric motors, Gears, Bearings...etc.

Features

- Excellent repeatability
- Multi-side grinding, without burrs.
- High speed, high feed rate
- Reduces engraving cycle time!
- Long tool life

Starter Kit 1 x Holder
1 x T7 Key
3 x insert



Chamfer mill

45° indexable Chamfering mill

New Nine9 chamfer mill is designed for chamfering and countersinking with an indexable insert.

"Ultra high speed and feed rate is the biggest advantage of Nine9 Chamfer Mills."

It is not a traditional chamfer tool, it runs 4 times faster in cutting speed and 10 times higher in feed rate. It is the most efficient tool you ever met.

Features

- Smallest indexable counter sink, diameter ø 7mm.
- The insert is dual-relief angle, specially edge honning and optimized coated for high cutting speed.
- Optimized the number of teeth on the holder to achieve higher feed rate.
- For front and back chamfering.
- Eliminates 2nd operation or de-burring time.

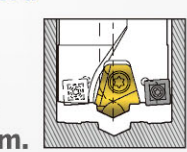


Super Power Drills

With patented center pilot insert, up to 10xD

Smallest indexable drill from 10mm. 4 cutting edges per insert, same insert for outer and inner insert.

Smallest Dimension
3xd: Ø10 To Ø30 mm.
4xd: Ø16 To Ø30 mm.
5-10d: Ø19 To Ø40 mm.



- The center and peripheral inserts are positioned in order to divide the cutting chips into smaller spiral shape.
- It helps the cutting chip to be removed faster and easier.
- Designed for high productivity, high speed cutting.
- Coolant supply is needed.
- Better surface finish and better diameter accuracy.
- Special insert positioning to balance the cutting forces, better surface finish and diameter accuracy are achievable.



High Speed Boring Bars

EMB boring bars are "Eccentric Mechanism Boring bars"

High efficiency/Easy adjustment

Featuring Improved Cycle Time
Roughness
Position Accuracy
True Roundness



Applications

- Ideal as a small hole boring tool with excellent accuracy.
- For fine boring operation on milling machines, machining centers and special purpose machines.
- Replace solid carbide reamers.

Easy Handling

- Dimensions are easy to read. They are indicated on the tools and easily adjustable on a tool presetter or in machining center.
- No backlash.
- Change the boring bar and set the boring dimension on the tool presetter in just one minute.



REVA NC Tooling

REVA Toolholder and Accessories

Specifications of the tool holders are manufactured according to individual standard.

- Slim chuck & high precision collet chuck
- Cylindrical shank spring collet chuck & keyless drill chuck
- VDI Tool holder
- Spring collets and collet sets
- Pull Studs
- Peripheral accessories for machining centers
- CNC tool storage wagon
- Tapping attachment and adapters
- Machine vises





ALWAYS BETTER

Profession
Innovation
Collaboration



JIMMORE International Corp.
 No.120-2, Sec.2 Fusing Rd., South District,
 Taichung City 40252, Taiwan
 Tel : 886 - 4 - 22605352 / Fax : 886 - 4 - 22608765
 E-mail : info@jimmore.com.tw
 Website : www.jic-tools.com.tw