

## NC Spot Drills

**NC Spot Drill with indexable carbide insert.**  
**High efficiency! Low cost!**  
**CNC lathes, CNC turning centres, and machining centres.**

### Features

- Spotting produces better hole position and geometrically uniform holes
- Available in a variety of shank diameters
- One tool will perform multiple applications
- Long tool life
- Each insert has 2 cutting or 4 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



- a Engraving
- b Spotting
- c Chamfering
- d Grooving

## Inserts

- NC10**
- High positive angle and fully ground cutting edge and relief angle
  - Universal grade for non-ferrous metal, cast iron, and stainless steel
- NC40**
- General purpose, universal grade for all unhardened steel
  - Fully ground cutting edge and relief angle
- NC60**
- Cermet insert, for hardened steel up to 56HRC
  - Reduces heat and low tool wearing at the cutting edge

- NC9076**
- High positive geometry and sharp edge
  - For non-ferrous material such as aluminum, titanium, brass, copper, and long cutting chip metal
  - Produces excellent surface finish on non-ferrous metal

- NC2071**
- Universal grade for all unhardened steel, free cutting steel and tool steel up to 750N/mm<sup>2</sup>
  - Cutting geometry has been designed to optimize the tool's performance and to use in high speed machining

Grade	Coating	P	M	K	N	H	S
		Steel	Stainless Steel	Cast Iron	Non-Ferrous	Hardened Up to 56HRC	Titanium
NC10	TiAlN	•••	•••	•••	••		
NC40	TiN	•••	•	••	••		
NC2071	TiN	•••	••	•	••		
NC9076	DLC		••		•••		••
NC60	Cermet	••				•••	

••• Best    •• Suited    • Possible

## 90° NC Spot Drills

### Mini Spotting Drill — N9MT05T1 Insert




Insert not included

- Smallest indexable spotting drill holder
- Single cutting edge design gives higher precision when spotting
- Applications:
  - Spotting, engraving, and chamfering on milling machines, machining centres
  - Spotting, facing on CNC lathes



Shank	Model No.	Length	Insert	Max Depth	Max Dia.	Application	Code No.	Price \$
6mm	00-99616-06-6	35mm	N9MT05T1CT-N2071	2.8mm	6mm	Universal	612514	92.00

### Available Insert

Insert	Coating	Cutting Edges	Application	Code No.	Price \$
	TiN	2	Universal	612516	39.67