



Accuracy  
Coolant  
Efficiency



**PROMO**  
Valid Thru April 30, 2024

Brought To You By



# ACE Spot Drill >>>

BUY **1** HOLDER

**Free**

GET **1** 90° NC2057  
INSERT

Can drill with minimum quantity lubrication (MQL).

- High rigidity
- High performance cutting
- Ultra-long tool life

## Internal Coolant

- Optimized coolant design for better balancing.

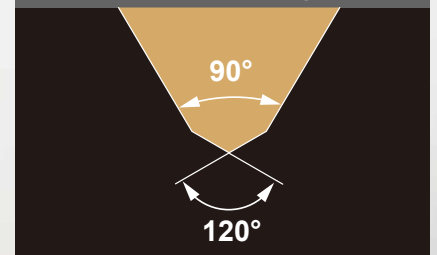


## 2-Flutes Edged



- It is symmetric.

## Dual Point Angle



- The double point angles ensure strength at the centre to prevent fracturing.

## Dual Clamping Screwed Design

- Ensures the vibration free during the cutting





# ACE Spot Drill



## ► Successful Case

Material : Nitriding steel | Construction Equipment manufacturer

### *Monthly Reduction :*

- Tool changes : 2.8 hrs
- Cycle time : 12.5 hrs

**Before**

**After**

**Tool Life**

40 holes/per tool

1200 holes/per insert

+3000%

**Tool Changes**

17.6 times/month

0.6 times/month

-97%

**Cutting Speed**

$V = 10$  m/min.

$V = 100$  m/min.

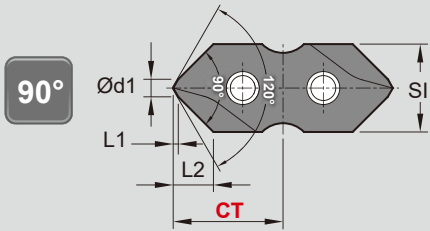
+1000%

**Cycle Time**  
(per workpiece)

140 seconds

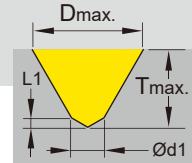
12 seconds

-91%



### ► Inserts >>

- NC2057: • Universal grade for alloy steel and cast iron.
- Each insert has 2 cutting edges.

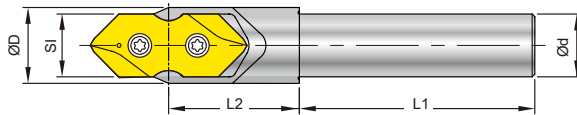
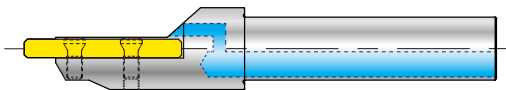


### ► Inserts >>

SI	Angle ±0.5	Code	Parts No.	Coating	Grade	Dimensions			Dmax.	Tmax.	S	CT ±0.025
						Ød1	L1	L2				
06	90°	06A031	S9MT06T1-090	AlTiN+TiSiN	P35	1.2	0.35	2.75	5.5	2.5	1.8	7.5
08		06A131	S9MT0802-090			1.6	0.46	3.6	7.5	3.4	2.4	10
10		06A231	S9MT1003-090			2	0.58	4.6	9.5	4.4	3.0	12.50
12		06A331	S9MT1203-090			2.4	0.69	5.5	11.5	5.3	3.0	15
16		06A431	S9MT1603-090			3.2	0.92	7.3	15.5	7.0	3.18	20
20		06A531	S9MT2004-090			4.0	1.16	9.2	19.5	8.9	4.76	25

### ► Cylindrical Shank >>

- Made of hardened high alloy steel, 53 HRC.
- Internal coolant.

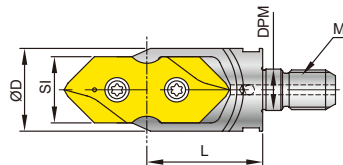


SI	Code	Parts No.	Ød	L1	L2	ØD	Screw	Key
06	6A0001	00-99688-SI06-06	6	27	14	8	*NS-18037 / 0.6Nm	NK-T6
08	6A0101	00-99688-SI08-08	8	36	19	10.5	*NS-20045 / 0.6Nm	NK-T6
10	6A0201	00-99688-SI10-10	10	40	22.5	13	*NS-25060 / 0.9Nm	NK-T7
12	6A0301	00-99688-SI12-12	12	45	25	15.5	NS-30072 / 2.0Nm	NK-T9
16	6A0401	00-99688-SI16-16	16	48	32	21	NS-35080 / 2.5Nm	NK-T15
20	6A0501	00-99688-SI20-20	20	50	35	26	NS-50125 / 5.5Nm	NK-T20

\*Torque screwdriver is recommended

### ► Screw Fit Cutter >> **NEW**

- Made of hardened high alloy steel, 53 HRC.
- Internal coolant.



SI	Code	Parts No.	ØD	L	M	DPM	Screw	Key
06	6A2001	00-99688-SI06-M04	8	14.5	M4xP0.7	4.5	*NS-18037 / 0.6Nm	NK-T6
08	6A2101	00-99688-SI08-M05	10	19	M5xP0.8	5.5	*NS-20045 / 0.6Nm	NK-T6
10	6A2201	00-99688-SI10-M06	12	22	M6xP1.0	6.5	*NS-25060 / 0.9Nm	NK-T7
12	6A2301	00-99688-SI12-M08	16	25	M8xP1.25	8.5	NS-30072 / 2.0Nm	NK-T9
16	6A2401	00-99688-SI16-M10	20	31	M10xP1.5	10.5	NS-35080 / 2.5Nm	NK-T15
20	6A2501	00-99688-SI20-M12	25	35	M12xP1.75	12.5	NS-50125 / 5.5Nm	NK-T20

\*Torque screwdriver is recommended



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