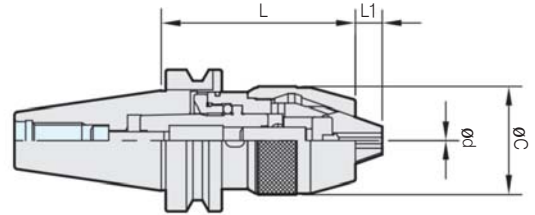


NC DRILL CHUCK

Clamping Range : $\phi 0.3 \sim \phi 13.0$

CODE No.

GBT40 **NPU13** **90**
 ↓ ↓ ↓
 Chucking Dia Length
 Shank



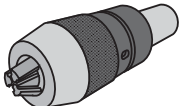
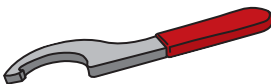
GBT Tooling System은 BT 2면구속 Spindle에서 2면구속으로 사용이 가능하며 일반 BT Spindle에서도 사용이 가능합니다.
 GBT Tooling System can be used as the double face contact with the double face contact spindle and also used with BT standard spindle.

PRODUCT INFORMATION

머시닝 센터의 일반적인 드릴링 공구입니다. General Drillings for Machining Centers

- 척과 샹크가 일체형 구조로 길이가 짧음
- Unified body of chuck and shank reduces the length of tool.
- 가공정도 향상과 우수한 내구성
- Improved operation accuracy and excellent rigidity
- 척의 탈락이 없고 주축 정지시 풀리지 않음
- The drillchuck is never detached from holder and is not released when the operation is stop.

Code No.	ød	øC	L	L1	Weight (kg)
GBT30 - NPU 8 - 80	0.3~8.0	38	80	8.5	0.8
NPU 13 - 105	1.0~13.0	50	105	11.5	1.5
GBT40 - NPU 8 - 75	0.3~8.0	38	75	8.5	1.3
- 105			105		1.6
- 150			150		2.0
NPU13 - 90	1.0~13.0	50	90	11.5	1.7
- 130			130		2.0
- 175			175		2.4
GBT50 - NPU 8 - 85	0.3~8.0	38	85	8.5	3.8
- 120			120		4.0
- 150			150		4.4
- 170			170		4.8
NPU 13 - 105	1.0~13.0	50	105	11.5	4.4
- 130			130		4.6
- 190			190		5.4

Spare Parts		
Type	Basic	
	Chuck	Spanner
		
NPU 8	NPU 8	NPU08-SP
NPU13	NPU13	NPU13-SP

- ▶ 초경 드릴, 탭은 절대 사용을 금지해 주십시오.
- ▶ Please Prohibit use CARBIDE DRILL and CARBIDE TAP.
- ▶ 절삭공구 최소 척킹 길이를 준수해 주시기 바랍니다.
- ▶ Please follow minimum lengh of cutting tools.
- ▶ NPU8~20mm이상
- ▶ NPU13~30mm이상
- ▶ NPU8 : more 20mm
- ▶ NPU13 : more 30mm
- ▶ 스패너는 별매입니다.
- ▶ Spanner is ordered separately.

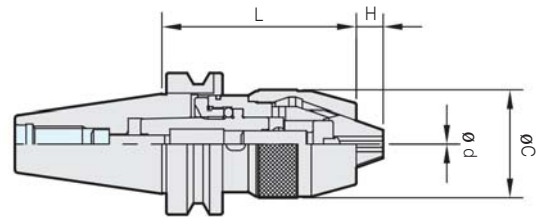
NC DRILL CHUCK

Clamping Range : $\phi 0.5 \sim \phi 13.0$

CODE No.

BT40 NPU13 90

Chucking Dia Length
Shank



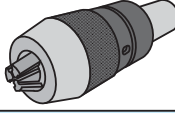
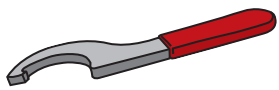
PRODUCT INFORMATION

머시닝 센터의 일반적인 드릴링 공구입니다. General Drillings for Machining Centers

- 척과 샹크가 일체형 구조로 길이가 짧음
- 가공정도 향상과 우수한 내구성
- 척의 탈락이 없고 주축 정지시 풀리지 않음
- Unified body of chuck and shank reduces the length of tool.
- Improved operation accuracy and excellent rigidity
- The drillchuck is never detached from holder and is not released when the operation is stop.

Code No.	ϕd	L	ϕC	H	Weight (kg)
BT30 - NPU 8 - 80	0,3~8,0	80	38	8,5	0,8
NPU 13 - 105	1,0~13,0	105	50	11,5	1,5
BT40 - NPU 8 - 75	0,3~8,0	75	38	8,5	1,3
- 105		105			1,6
- 150		150			2,0
NPU13 - 90	1,0~13,0	90	50	11,5	1,7
- 130		130			2,0
- 175		175			2,4
BT50 - NPU 8 - 85	0,3~8,0	85	38	8,5	3,8
- 120		120			4,0
- 150		150			4,4
- 170		170			4,8
NPU 13 - 105	1,0~13,0	105	50	11,5	4,4
- 130		130			4,6
- 190		190			5,4

Spare Parts

Type	Basic	
	Chuck	Spanner
		
NPU 8	NPU 8	NPU08-SP
NPU13	NPU13	NPU13-SP

- ▶ 초경 드릴, 탭은 절대 사용을 금지해 주십시오.
- ▶ 절삭공구 최소 척킹 길이를 준수해 주시기 바랍니다.
NPU8-20mm이상
NPU13-30mm이상
- ▶ 스패너는 별매입니다. P157

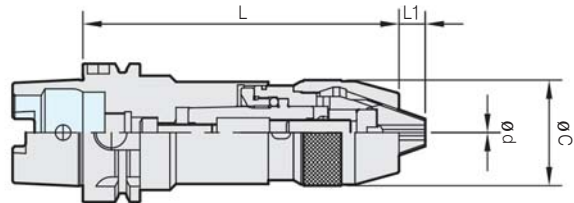
- ▶ Please Prohibit use CARBIDE DRILL and CARBIDE TAP.
- ▶ Please follow minimum length of cutting tools.
NPU8 : more 20mm
NPU13 : more 30mm
- ▶ Spanner is ordered separately. P157

NC DRILL CHUCK

Clamping Range : $\phi 0.5 \sim \phi 13.0$

CODE No.

HSK63A **NPU13** **150**
Shank Chucking Dia Length

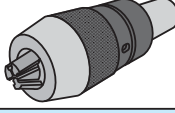
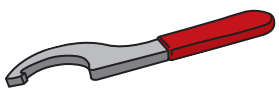


PRODUCT INFORMATION

머시닝 센터의 일반적인 드릴링 공구입니다. General Drillings for Machining Centers

- 척과 샹크가 일체형 구조로 길이가 짧음
- 가공정도 향상과 우수한 내구성
- 척의 탈락이 없고 주축 정지시 풀리지 않음
- Unified body of chuck and shank reduces the length of tool.
- Improved operation accuracy and excellent rigidity
- The drillchuck is never detached from holder and is not released when the operation is stop.

Code No.	ϕd	L	ϕC	L1	Weight (kg)
HSK50A - NPU 8 - 135	0.3 ~ 8.0	135	38	8.5	1.4
HSK63A - NPU 8 - 135	0.3 ~ 8.0	135	38	8.5	1.8
NPU13 - 150	1.0 ~ 13.0	150	50	11.5	2.2
HSK100A - NPU 8 - 135	0.3 ~ 8.0	135	38	8.5	3.5
NPU13 - 165	1.0 ~ 13.0	165	50	11.5	4.4

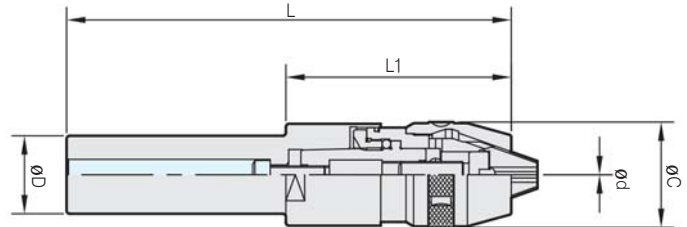
Spare Parts		
Type	Basic	
	Chuck	Spanner
		
NPU 8	NPU 8	NPU08-SP
NPU13	NPU13	NPU13-SP

- ▶ 초경 드릴, 탭은 절대 사용을 금지해 주십시오.
- ▶ 절삭공구 최소 척킹 길이를 준수해 주시기 바랍니다.
NPU8-20mm이상
NPU13-30mm이상
- ▶ 스페너는 별매입니다. P157

- ▶ Please Prohibit use CARBIDE DRILL and CARBIDE TAP.
- ▶ Please follow minimum length of cutting tools.
NPU8 : more 20mm
NPU13 : more 30mm
- ▶ Spanner is ordered separately. P157

STRAIGHT NC DRILL CHUCKClamping Range : $\phi 0.5 \sim \phi 13.0$

CODE No.

ST32 **NPU13**Chucking Dia
Shank**PRODUCT INFORMATION**

머시닝 센터의 일반적인 드릴링 공구입니다.

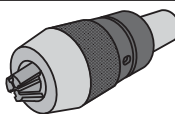
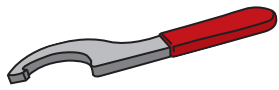
- 척과 샹크가 일체형 구조로 길이가 짧음
- 가공정도 향상과 우수한 내구성
- 척의 탈락이 없고 주축 정지시 풀리지 않음

General Drillings for Machining Centers

- Unified body of chuck and shank reduces the length of tool.
- Improved working accuracy and superior durability.
- Chuck never detached at the sudden stop of main shaft.

Code No.	ϕd	ϕD	L	L1	ϕC	Weight (kg)
ST32 - NPU 8	0.3~0.8	32	150	80	38	1.0
NPU 13	1.0~13.0		175	105	50	1.5
ST42 - NPU 8	0.3~0.8	42	155	80	38	2.3
NPU 13	1.0~13.0		180	105	50	2.8

Spare Parts

Type	Basic	
	Chuck	Spanner
		
NPU 8	NPU 8	NPU08-SP
NPU13	NPU13	NPU13-SP

- ▶ 초경 드릴, 탭은 절대 사용을 금지해 주십시오.
- ▶ 절삭공구 최소 척킹 길이를 준수해 주시기 바랍니다.
NPU8-20mm이상
NPU13-30mm이상
- ▶ 스페너는 별매입니다.

- ▶ Please Prohibit use CARBIDE DRILL and CARBIDE TAP.
- ▶ Please follow minimum length of cutting tools.
NPU8 : more 20mm
NPU13 : more 30mm
- ▶ Spanner is ordered separately.