

CORE DRILLING EQUIPMENT

WS 7000 Diamond Core Drill

Core Drilling

The most direct method of assessing hardened construction materials such as concrete is by cutting a specimen from the area to be checked. A fast and simple means of obtaining specimens of adequate size and quality is by core drilling.

Models WS 7000 DK-6N Type (Electric)

Features

1. Furnished with turbo fan for motor cooling !

The introduction of the specially designed turbo fan greatly improves motor cooling capability, thus increases motor durability and efficiency in continuous overload.

2. Most powerful output in this class !

The super-power motor with the maximum output of 1780w enables easy drilling of various size holes.

3. 360° revolving water supply cock facilitates easy attachment in narrow space !

The water supply hose can be easily fitted even in narrow space the water supply cock can be revolved 360° around.

4. Licenced clamp mechanism.

Clamp mechanism with licenced self-adjusting function facilitates the connection/disconnection of the pole with/from the drill head. Molydenum disulfate inclusion resin used for the slide plate provides the plate with an outstanding sliding characteristic and a long service life.

5. Built-in clutch mechanism !

6. New, built-in circuit protector !

7. Easy anchoring with any of anchor bolt, vacuum pad and support jack !

8. The lightest in this class - 18 kg !

The use of plastic for the engineer ring and rigid aluminium alloy die-cast successfully led to the realization of the remarkable light weight core drill.



Specifications

Drilling capability	1" - 6" (3 ")
Motor	1 pH
Power	220V/8A, 50/60Hz, 1pH
Power consumption	1480W
Revolution	750rpm (1100rpm - high speed type)
Effective stroke	480mm
Total height	810mm
Base dimensions	185 x 225 mm
Weight	18 kg

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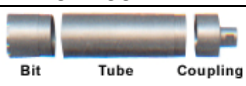

WS 7001 TS WS 7006 Diamond Core Drill Accessories

Standard specification

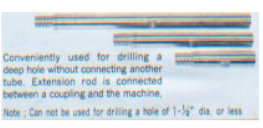

Standard accessories

Tool pouch...1 Single-ended wrench 46mm ...1 Single-ended wrench 636mm...1 Closed wrench 17 x 21...1 Hex. bar wrench 4mm 1
 Driving holder 1/2"...1 Anchor 1/2"...2 Bolt 1/2" x140...1 Square washer...1 Hex. nut 1/2"...1
 Core extracting wire...1 Instruction manual...1

Options

DIAMOND CORE BIT	OUTER DIA. (mm)					
	size	item	Standard/New probit	Nokoba bit	SS thin seg. C°F	SS thin seg.E
 <p>Bit Tube Coupling</p>	1"		28.1			
	1 1/4"		33.7			
	1 1/2"		41.1			
 <p>Bit</p>	2"		53.2	53.0	52.7	52.7
	2 1/2"		64.8	64.6	64.2	64.2
	3"		77.6	77.4	77.2	77.0
	3 1/2"		90.1	89.9	89.9	89.7
	4"		110.4	110.2	110.0	109.8
	5"		128.4	128.2	128.5	128.3
	6"		160.4	160.2	160.0	159.8
	7"		180.4	180.2	180.0	179.8
	8"		205.4	205.2	205.0	204.8

Tube wrench	TUBE WRENCH/HANDLE						
	Handle	To be used for disassembling bit, tube and coupling.	Tube wrench Handle	Name	2" 7"	2 1/2" 3" 3 1/2" 4" 5" 6"	8" large
				Name	Small		

Extension rod	Water collector						
	Name	Outer Dia. (mm)	Effective length mm		Name	Outer Dia. (mm)	Bit size
 <p>Conveniently used for drilling a deep hole without connecting another tube. Extension rod is connected between a coupling and the machine. Note : Can not be used for drilling a hole of 1-1/4" dia. or less</p>	150L	41	150		MS-P4	188	1"~4"
	300L		300		MS-P6	248	1"~4"
	500L		500		A	208	4"~6"
					B	248	7"~8"
					C	278	