



# Dry Drilling in Reinforced Concrete

## Quick-Change System

### Easy Slug Removal



DRIMOND CORE BIT (DRY TYPE)



Long shank Available!!

NEW!



\*Item No.  
PCSKL716HEX

#### Characteristics

- Quick change system easily locks and unlocks cutter from shank.
- **Safe and Easy** drilling with rotary mode only.
- Wet drilling shortens longevity.
- Carbide tipped center pin for accurate centering.
- Peripheral threading on cutter for efficient dust removal.

#### For use in

- All kinds of piping work, water, gas, electricity, air-conditioning, and drainage jobs.
- Dry cut drilling in reinforced concrete (up to 1/2" re - bar) and precast concrete.

#### Specifications

- Dia : 1"(25mm) - 8-1/4"(210mm)
- Drilling depth : 6"(150mm)
- Long shank (8") available for deeper drilling.
- Shank dia : Poly-clic shank "S" / "L"  
S shank : 1"(25mm) - 1-3/4"(45mm).  
L shank : 2"(50mm) - 8-1/4"(210mm).

**MIYANAGA**

ISO 9001/14001 Certified

<http://www.miyanagaamerica.com/>

# DRIMOND CORE BIT (DRY TYPE)



## Size Table

### Cutter

The actual sizes are in Metric. (US\$)

Nominal dia.(Inch)	Nominal dia.(mm)	Cutter	
		Part-No.	Sugg. List
1	25	PCD25C	
1-1/8	29	PCD29C	
1-1/4	32	PCD32C	
1-3/8	35	PCD35C	227.78
1-1/2	38	PCD38C	
1-3/4	45	PCD45C	
2	50	PCD50C	238.24
2-1/8	55	PCD55C	
2-3/8	60	PCD60C	248.74
2-9/16	65	PCD65C	261.82
2-3/4	70	PCD70C	277.54
2-7/8	75	PCD75C	306.34
3-1/8	80	PCD80C	335.14
3-1/2	90	PCD90C	379.64
3-3/4	95	PCD95C	418.92
3-7/8	100	PCD100C	445.08
4-1/8	105	PCD105C	471.26
4-3/4	120	PCD120C	549.82
5-1/8	130	PCD130C	562.92
6	155	PCD155C	693.82
6-1/2	165	PCD165C	720.00
7	180	PCD180C	773.92
8-1/4	210	PCD210C	929.44

### Shank

(US\$)

Poly-clic shank	Part No.	Sugg. List	For use with
S Shank	PCSKS	47.64	1" - 1-3/4" (25mm - 45mm)
S Shank SDS	PCSKSR		
S Shank 200L(8")	PCSKS200	57.60	
S Shank SDS 200L(8")	PCSKSR200		
L Shank	PCSKL	85.66	2" - 8-1/4" (50mm - 210mm)
L Shank SDS	PCSKLR		
L Shank 200L(8")	PCSKL200	102.62	
L Shank SDS 200L(8")	PCSKLR200		
L Shank with 7/16" Hex	PCSKL716HEX	90.00	
SDS-max Shank(Rotary mode)	PCSKXMXK	141.38	
Dust Cap for S Shank	PCBCS	2.60	For S Shank
Dust Cap for L Shank	PCBCL	2.60	For L Shank

### Center pin

(US\$)

	Part-No.	Sugg. List
Center pin	PCDCP3	57.60

#### How to use a center pin

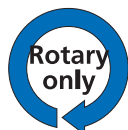
After the cutter has drilled a depth of about 1/8", remove center pin from core body.  
Note: Surely remove center pin from core body, after the positioning. Otherwise the cutter body will be stuck on the way to drill.

#### How to use a long shank

### Recommended Drill Speed/ Wattage

Diameter inch (mm)	rpm	W
1 - 1-1/2 (25-38)	800 - 1500	over 450W
1-3/4 - 2-9/16(45-65)	700 - 1100	over 550W
2-3/4 - 4-3/4 (70-120)	700 - 1100	over 650W
5-1/8 - 8-1/2(130-220)	500 - 1100	over 650W

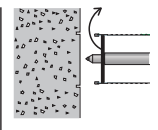
### How to use Drimond Core Bit



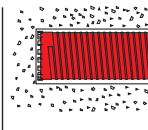
Use in Rotary mode only



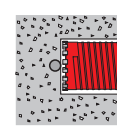
Do not use water



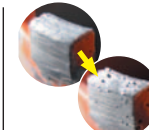
Remove center pin after cutting 1/8" in depth.



Drilling must be steady and straight.



Use a light force against reinforced bar.



Dressing when drilling slows down.



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