



MIYANAGA



# DRIMOND CORE BIT (DRY TYPE)

## Dry Drilling in Reinforced Concrete Quick-Change System Easy Slug Removal



Long shank  
Available!!

### **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).
- Long size (8") bits available in 2", 2-9/16", 2-7/8", and 3-1/8". (use center pin PCDCP250)

**MIYANAGA**  
ISO 9001/14001 Certified

# DRIMOND CORE BIT (DRY TYPE)



## Size Table

### Set & Cutter

The actual sizes are in Metric.

Nominal dia.(Inch)	Nominal dia.(mm)	Set		Cutter	
		Part-No.	Part-No.	Part-No.	Part-No.
1	25	PCD25	PCD25C	PCD25C	PCD25C
1-1/8	29	PCD29	PCD29C	PCD29C	PCD29C
1-1/4	32	PCD32	PCD32C	PCD32C	PCD32C
1-3/8	35	PCD35	PCD35C	PCD35C	PCD35C
1-1/2	38	PCD38	PCD38C	PCD38C	PCD38C
1-3/4	45	PCD45	PCD45C	PCD45C	PCD45C
2	50	PCD50	PCD50C	PCD50C	PCD50C
2-1/8	55	PCD55	PCD55C	PCD55C	PCD55C
2-3/8	60	PCD60	PCD60C	PCD60C	PCD60C
2-9/16	65	PCD65	PCD65C	PCD65C	PCD65C
2-3/4	70	PCD70	PCD70C	PCD70C	PCD70C
2-7/8	75	PCD75	PCD75C	PCD75C	PCD75C
3-1/8	80	PCD80	PCD80C	PCD80C	PCD80C
3-1/2	90	PCD90	PCD90C	PCD90C	PCD90C
3-3/4	95	PCD95	PCD95C	PCD95C	PCD95C
3-7/8	100	PCD100	PCD100C	PCD100C	PCD100C
4-1/8	105	PCD105	PCD105C	PCD105C	PCD105C
4-3/4	120	PCD120	PCD120C	PCD120C	PCD120C
5-1/8	130	PCD130	PCD130C	PCD130C	PCD130C
6	155	PCD155	PCD155C	PCD155C	PCD155C
6-1/2	165	PCD165	PCD165C	PCD165C	PCD165C
7	180	PCD180	PCD180C	PCD180C	PCD180C
8-1/4	210	PCD210	PCD210C	PCD210C	PCD210C

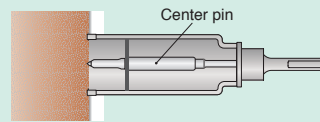
### Shank

Poly-clic shank	Part No.	For use with
S shank	PCSKS	1" - 1-3/4" (25mm - 45mm)
S shank SDS	PCSKSR	
S shank 200L (8")	PCSKS200	
S shank SDS 200L (8")	PCSKSR200	
L shank	PCSKL	2" - 8-1/4" (50mm - 210mm)
L shank SDS	PCSKLR	
L shank 200L (8")	PCSKL200	
L shank SDS 200L (8")	PCSKLR200	
SDS-max Shank (Rotary mode)	PCSKLMXK	

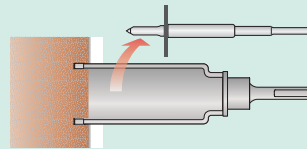
### Center pin

	Part-No.
Center pin	PCDCP3

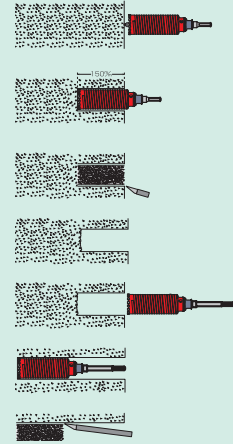
#### How to use a center pin



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

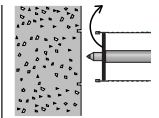
### How to use Drimond Core Bit



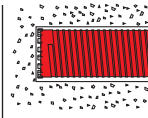
Use in Rotary mode only



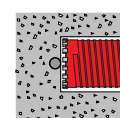
Do not use water



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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