

# HEAVY DUTY CORE DRILLING SYSTEMS



**RIG MOUNTED  
WET DRILLING**

**2 CORE DRILL OPTIONS  
ADAPTORS  
DRILL MOTORS**



**RIG MOUNTED  
DUST FREE DRILLING**

**DEDICATED SOLD BARREL CORE  
ADAPTORS  
DRILL MOTOR / VACUUM / RIG**



ULTRA

## SMALL DIAMETER CROWN

NEW

**DUWC** CROWN

USE ME FOR

All types of brick including class A & B engineering  
All types of concrete including light & heavily reinforced  
Stone such as Hard York  
Occasional use in lightweight block and abrasive stone  
For hand held and rig mounted use

FEATURES

- Segments > 12 mm V-Top
- Segments > Solid Crown
- Bonding > Laser welded
- Fitting > 1/2" BSP (M)
- Perform > Maximum performance and output

SIZE RANGE / CODE

### 350 mm LENGTH

18DUWC	25DUWC	42DUWC
20DUWC	28DUWC	47DUWC
22DUWC	30DUWC	52DUWC-R12"
24DUWC	32DUWC	

SHORTER & LONGER LENGTHS AVAILABLE IN ALL DIMENSIONS  
ASPHALT & ABRASIVE SEGMENTS AVAILABLE IN ALL DIMENSIONS  
BOTH ADDITIONAL OPTIONS AVAILABLE IN DUWC CROWN & DUWC SEGMENTED RANGES



ULTRA

## LARGE DIAMETER SEGMENTED

**DUWC** SEGMENTED

USE ME FOR

All types of brick including class A & B engineering  
All types of concrete including light & heavily reinforced  
Stone such as Hard York  
Occasional use in lightweight block and abrasive stone  
For hand held and above 82mm, rig mounted use

FEATURES

- Segments > 12 mm K-Roof top
- Segments > Turbo Design
- Bonding > Laser welded
- Fitting > 1 1/4" UNC (F)
- Perform > Maximum performance and output

SIZE RANGE / CODE

### 450mm LENGTH

52DUWC	102DUWC	132DUWC	202DUWC
62DUWC	107DUWC	142DUWC	212DUWC
67DUWC	112DUWC	152DUWC	225DUWC
77DUWC	117DUWC	162DUWC	250DUWC
82DUWC	122DUWC	172DUWC	
92DUWC	127DUWC	182DUWC	

SHORTER & LONGER LENGTHS AVAILABLE  
ASPHALT & ABRASIVE SEGMENTS AVAILABLE



**PLUS**

## SMALL DIAMETER CROWN

**DPWC** CROWN

USE ME FOR

All types of brick including class A & B engineering  
All types of concrete including light & heavily reinforced  
Stone such as Hard York  
Occasional use in lightweight block and abrasive stone  
For hand held and rig mounted use

FEATURES

Crown	> 8 mm
Crown	> Solid Crown
Bonding	> Brazed
Fitting	> 1/2" BSP (M)
Perform	> Excellent performance and output

SIZE RANGE / CODE

### 200 mm LENGTH

10DPWC
12DPWC

### 350 mm LENGTH

14DPWC	25DPWC
16DPWC	26DPWC
18DPWC	28DPWC
20DPWC	30DPWC
22DPWC	32DPWC
24DPWC	



**PLUS**

## LARGE DIAMETER SEGMENTED

**DPWC** SEGMENT

USE ME FOR

All types of brick including class A & B engineering  
All types of concrete including light & heavily reinforced  
Stone such as Hard York  
Occasional use in lightweight block and abrasive stone  
For hand held and above 82mm, rig mounted use

FEATURES

Segments	> 10 mm Turbo / Roof top
Bonding	> Laser welded
Fitting	> 1/2" BSP (M) x 350 mm - 35 to 52 mm
Fitting	> 1 1/4" UNC (F) x 450 mm - 52 mm & above
Perform	> Excellent performance and output

SIZE RANGE / CODE

### 350 mm

35DPWC
38DPWC
40DPWC
42DPWC
47DPWC
52DPWC-R1/2

### 450 mm LENGTH

52DPWC	107DPWC	152DPWC	250DPWC
57DPWC	112DPWC	162DPWC	275DPWC
62DPWC	117DPWC	172DPWC	300DPWC
67DPWC	122DPWC	182DPWC	350DPWC
77DPWC	127DPWC	202DPWC	400DPWC
82DPWC	132DPWC	212DPWC	450DPWC
92DPWC	142DPWC	225DPWC	500DPWC
102DPWC			





**PLUS**

## ACCESSORIES

# ACCESSORIES

USE ME FOR

Adapting to a variety of machine types  
Extending the reach of the core drills

Options for DURO dust free drilling

- > Maximum strength & durability
- > Premium grade steel

FEATURES

SIZE RANGE / CODE

### STANDARD WET CORE DRILLING

1/2" BSP (M) TO 1 1/4" UNC (M) Adaptor	AD1
1/2" BSP (F) TO 1 1/4" UNC (F) Adaptor	AD2
1/2" BSP (M) TO 1/2" BSP (M) Adaptor	AD3
1/2" BSP (F) TO 1/2" BSP (F) Adaptor	AD4
300 mm - 1 1/4" UNC (F) to 1 1/4" UNC (M) Extension	EXT1
300 mm - 1/2" BSP (F) to 1/2" BSP (M) Extension	EXT2
Hilti DD100/120/130/150 - 1 1/4" UNC (M) to 1/2" BSP (F)	DD130
Hilti DD160 - 1 1/4" UNC (M) to 1/2" BSP (F)	DD160
Hilti DD200 - 1 1/4" UNC (M) to 1/2" BSP (F)	DD200

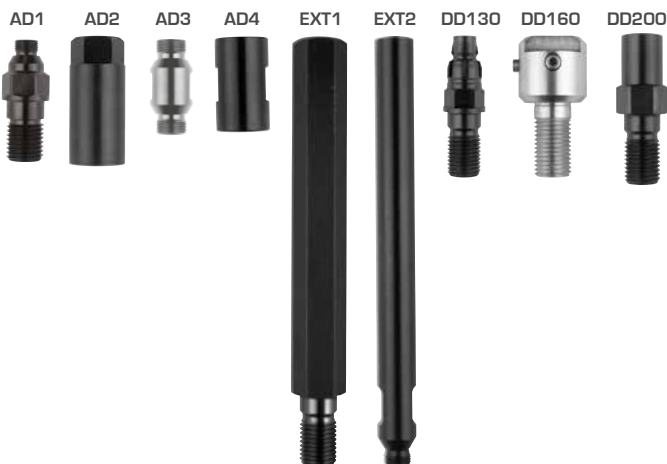
### DUST FREE CORE DRILLING

300mm Hollow Extension - 1 1/4" UNC (F) to 1 1/4" (M)	EXT1-DRY
150mm Hollow Extension - 1/2" BSP (F) to 1/2" BSP (M)	EXT2-DRY-150
300mm Hollow Extension - 1/2" BSP (F) to 1/2" BSP (M)	EXT2-DRY-300

## MULTIPLE ACCESSORY OPTIONS



### STANDARD WET CORE DRILLING



### DUST FREE CORE DRILLING

EXT1-DRY EXT2-DRY-150





**ULTRA**

**BRICK / BLOCK / CONCRETE**



# DUDCC

All types of brick including class A & B engineering  
All types of concrete including light & heavily reinforced  
Stone such as Hard York  
Occasional use in lightweight block and abrasive stone  
For rig mounted use

**NEW**

**CONTENTS**

Segments	> 10 mm - Roof top design
Body	> 300 mm long solid barrel
Bonding	> Laser welded
Fitting	> ½" BSP (M) - 32 & 42 mm
Fitting	> 1¼" UNC (F) - 52 mm & above
Perform	> Maximum performance and output

**CODE**

32 x 300 x R½	32DUDCC	112 x 300	112DUDCC
42 x 300 x R½	42DUDCC	117 x 300	117DUDCC
52 x 300	52DUDCC	127 x 300	127DUDCC
65 x 300	65DUDCC	132 x 300	132DUDCC
70 x 300	70DUDCC	142 x 300	142DUDCC
77 x 300	77DUDCC	152 x 300	152DUDCC
82 x 300	82DUDCC	162 x 300	162DUDCC
92 x 300	92DUDCC	172 x 300	172DUDCC
102 x 300	102DUDCC	182 x 300	182DUDCC
107 x 300	107DUDCC	202 x 300	202DUDCC



## THE DUST FREE DRILLING PROCESS EXPLAINED

A simple process but incredibly efficient.

The AGP DS25M Vacuum is incredibly powerful, extracting the dust all the way from the cut:

- ① Through the solid barrel DUDCC core
  - ② Direct through the hollow spindle on the drill DD62 motor
  - ③ Into the DS25M M class vacuum via the hose
- 100% effective and comparable drilling speed to wet drilling

**DD62 DRILL MOTOR**  
FULL DETAILS ON PAGE 161



**DS25M M CLASS VACUUM**  
FULL DETAILS ON PAGE 220



**B14 DRILL RIG**  
FULL DETAILS ON PAGE 167



## CORE DRILL APPLICATIONS

	ULTRA	PLUS	STANDARD	BASE	ULTRA	PLUS	ULTRA	PLUS
MATERIAL TYPE	DUSDC	DPDC	DDC	DSDC	DUWC	DPWC	DUDCC	DPDC-SOLID
HARD/DENSE MATERIALS	DRY CUTTING				WET CUTTING		DUST FREE CUTTING	
Class A Engineering Bricks								
Flint Aggregate Common								
Class B Engineering Bricks								
Lightly Reinforced Concrete								
Heavily Reinforced Concrete								
Concrete								
Hard York Stone								
London Brick								
General House Brick								
Handmade Bricks								
Facing Bricks								
Lightweight Concrete Block								
Breeze Block								
Abrasive Sand / Grit Stone								
SOFT/ABRASIVE MATERIALS								

☐ Highly Suited
 ☐ Suitable With Reservations
 ☐ Not suitable

## CORE DRILL SPEED RECOMMENDATIONS

DRY DIAMOND / DUST FREE				WET DIAMOND / DUST FREE	
22 mm	3,000 RPM	107 mm	625 RPM	8-29 mm	3,000 RPM
28 mm	2,380 RPM	112 mm	600 RPM	30-45 mm	1,500 RPM
32 mm	1,900 RPM	117 mm	570 RPM	46-65 mm	1,200 RPM
38 mm	1,760 RPM	127 mm	520 RPM	66-89 mm	900 RPM
42 mm	1,600 RPM	132 mm	490 RPM	90-125 mm	600 RPM
48 mm	1,400 RPM	142 mm	470 RPM	126-200 mm	450 RPM
52 mm	1,280 RPM	152 mm	440 RPM	201-400 mm	300 RPM
65 mm	1,030 RPM	158 mm	380 RPM	400-500 mm	200 RPM
78 mm	860 RPM	162 mm	350 RPM		
92 mm	800 RPM	175 mm	320 RPM		
102 mm	750 RPM	202 mm	300 RPM		