



DURO

DRILL IT

HEAVY DUTY CORE DRILLING SYSTEMS



**RIG MOUNTED
WET DRILLING**

**2 CORE DRILL OPTIONS
CROWN AND SEGMENTED
ACCESSORIES**



**RIG MOUNTED
DUST FREE DRILLING**



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

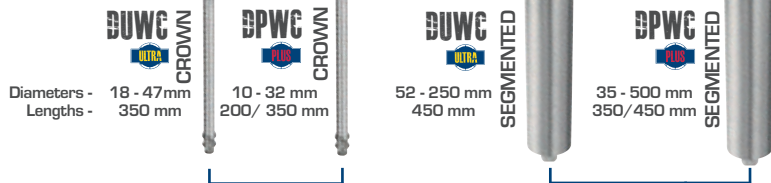


WET CORE DRILLING OF HEAVY DUTY & REINFORCED CONCRETE APPLICATIONS HAND HELD OR RIG MOUNTED EXTERNAL, NO REQUIREMENT FOR DUST FREE DRILLING

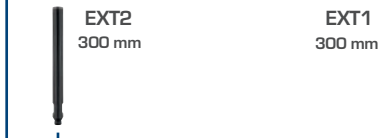
REINFORCED CONCRETE

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

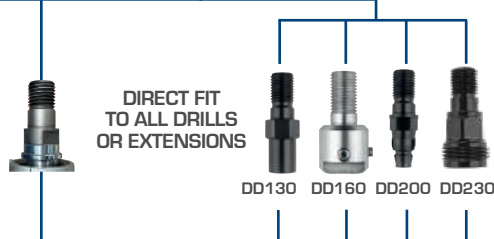
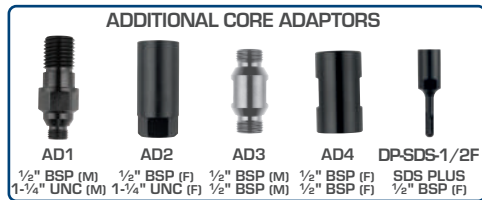
CORE DRILL OPTIONS



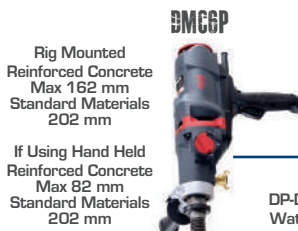
EXTENSIONS



DIRECT FIT / ADAPTORS



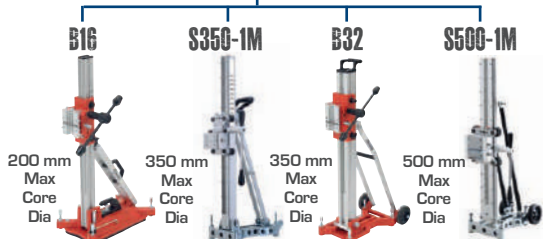
POWER TOOL



DRILL RIGS



60MM COLLAR MOUNTED



RIG MOUNTED

CORE DRILLING OF HEAVY DUTY APPLICATIONS WHERE DUST EXTRACTION IS REQUIRED

REINFORCED CONCRETE

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

THE DUST FREE DRILLING PROCESS

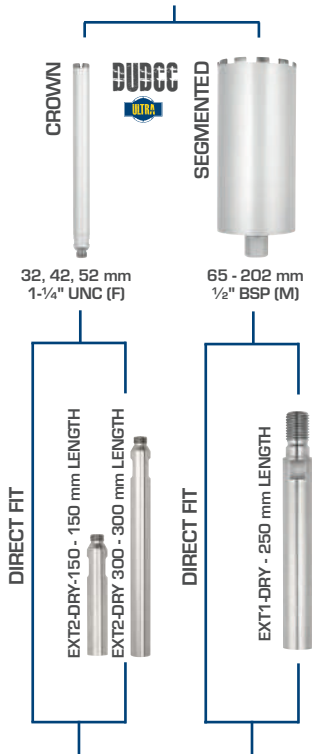
- A simple but incredibly efficient process enables core drilling in any environment - indoor or outdoor with minimal dust creation
- Use a suitable drill motor with a through spindle dust extraction system such as the DD62 (page 173)
- The DD62 should be attached to a suitable 60mm collar mounted drill rig such as the B14 (page 179)
- Attach the DURO DUDCC core either to the DD62 either directly or via the dry drilling hollow extensions
- Connect the DS25M vacuum to the dust extraction port
- During the drilling operation, the high-performance DS25M vacuum system efficiently extracts dust from the drilling face
- Dust is extracted through the solid barrel core, then passes through the hollow extension (if fitted), continues through the hollow spindle of the drill motor, and is finally drawn into the vacuum system via the hose
- 100% effective
- To extend the reach of the DUDCC core drill use -
 - EXT2DRY-150 or EXT2DRY-300 extension bars for sizes 32, 42 & 52 mm
 - EXT1DRY For sizes 65 to 202 mm

CORE DRILL OPTIONS

EXTENSION OPTIONS

POWER TOOL

DRILL RIGS



Standard materials
262 mm Max
Reinforced concrete
162 mm Max



200 mm
Max Core
Diameter





REINFORCED CONCRETE - SMALL DIAMETER CROWN

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	35DUWC	47DUWC
20DUWC	28DUWC	38DUWC	
22DUWC	30DUWC	40DUWC	Segmented
24DUWC	32DUWC	42DUWC	52DUWC-R1/2"

Shorter & longer lengths available in all dimensions
Asphalt & abrasive segments available in all dimensions
Both additional options available in DUWC crown & DUWC segmented ranges



REINFORCED CONCRETE - 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 82 mm, 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	





PLUS

REINFORCED CONCRETE - 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

REINFORCED CONCRETE - 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 82 mm, 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 Length

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 wet & dust free drilling

- > Maximum strength & durability
- > Premium grade steel

FEATURES

SIZE RANGE / CODE

STANDARD WET CORE DRILLING

1/2" BSP (M) TO 1/4" UNC (M) Adaptor	AD1
1/2" BSP (F) TO 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
SDS Plus TO 1/2" BSP (F) Adaptor	DP-SDS-1/2"-F
300 mm - 1/4" UNC (F) to 1/4" UNC (M) Extension	EXT1
300 mm - 1/2" BSP (F) to 1/2" BSP (M) Extension	EXT2
Hilti DD100/120/130/150 BI+ to 1/4" UNC (M) & 1/2" BSP (F)	DD130 *
Hilti DD160 to 1/4" UNC (M) and 1/2" BSP (F)	DD160
Hilti DD200 to 1/4" UNC (M) and 1/2" BSP (F)	DD200
Hilti DD250 to 1/4" UNC (M) and 1/2" BSP (F)	DD250

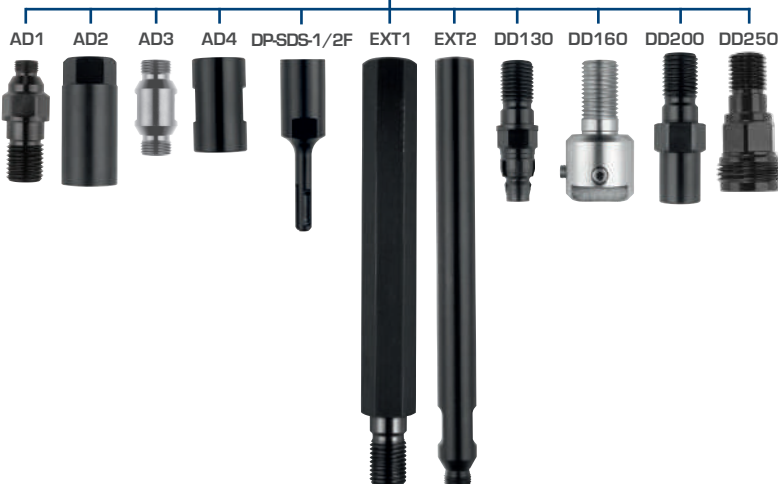
DUST FREE CORE DRILLING

300mm Hollow Extension - 1/4" UNC (F) to 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

*Suitable for Hilti DD100, DD120, DD130, DD150 & DD150-BI+

ADAPTORS & EXTENSIONS

STANDARD WET CORE DRILLING



DUST FREE CORE DRILLING



ULTRA

REINFORCED CONCRETE - SEGMENTED



DUDCC

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 rig mounted use

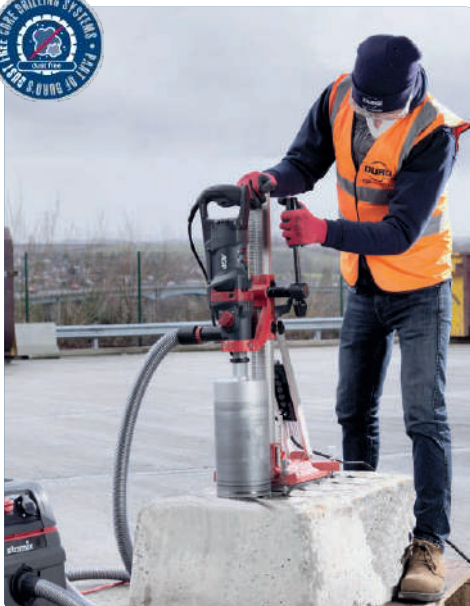
CONTENTS

- Segments > 10 mm - Roof top design
- Barrel > 300 mm long - solid
- Bonding > Laser welded
- Fitting > 1/2" BSP (M) - 32 & 42 mm
- Fitting > 1 1/4" UNC (F) - 52 mm & above
- Perform > Maximum performance and output

SIZE RANGE / CODE

300 mm LENGTH

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



CORE DRILL APPLICATIONS

MATERIAL TYPE	ULTRA PLUS		ULTRA
	DUPC	DPWC	DUDC
HARD/DENSE MATERIALS	WET CUTTING		DUST FREE
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 Do Not Use

CORE DRILL SPEED RECOMMENDATIONS

WET DIAMOND / DUST FREE

8-29 mm	3,000 RPM
30-45 mm	1,500 RPM
46-65 mm	1,200 RPM
66-89 mm	900 RPM
90-125 mm	600 RPM
126-200 mm	450 RPM
201-400 mm	300 RPM
400-500 mm	200 RPM