



LIGHT / MEDIUM DUTY CORE DRILLING SYSTEMS



**HAND HELD
DRY DRILLING**

**6 CORE DRILL OPTIONS
ACCESSORIES
5 PIECE KITS**

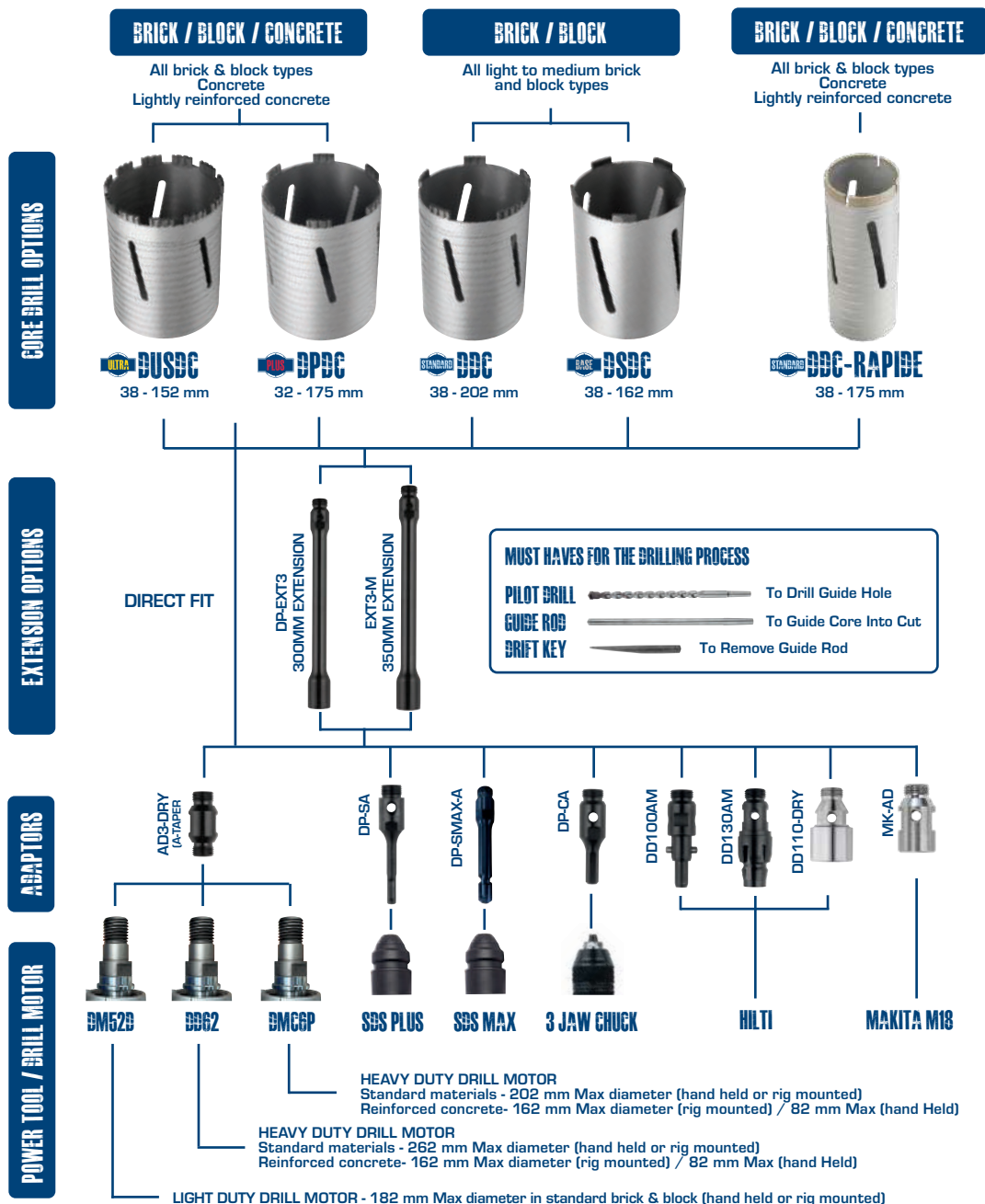


**HAND HELD
DUST FREE DRILLING**

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



DRY CORE DRILLING OF LIGHT DUTY APPLICATIONS - HAND HELD INTERNAL AND EXTERNAL- NO OPTION OR REQUIREMENTS FOR DUST EXTRACTION





DRY CORE DRILLING OF LIGHT DUTY APPLICATIONS WHERE DUST EXTRACTION IS REQUIRED

BRICK / BLOCK / CONCRETE

All brick & block types
Concrete
Lightly reinforced concrete



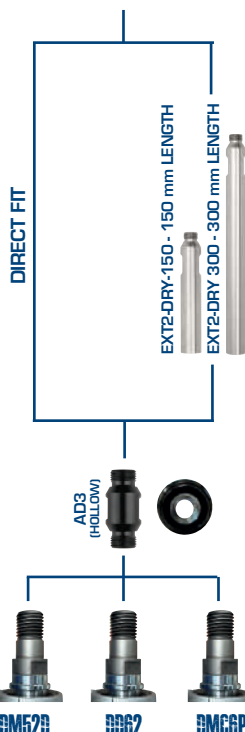
DPDC-SOLID
32 - 175 mm

CORE DRILL OPTIONS

EXTENSION OPTIONS

ADAPTOR

DRILL MOTOR



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 DM52B (page 172)
- Attach the DURO AD3 hollow core drill adaptor
- Attach the solid barrel DURO DPDC-SOLID core
- 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 directed through the hollow adaptor and the hollow spindle of the drill motor, before being drawn into the vacuum system via the connected hose
- The system is 100% effective
- To extend the reach of the core use either the EXT2DRY-150 or EXT2DRY-300 hollow extension bars





DRY DIAMOND CORE DRILL APPLICATIONS



MATERIAL TYPE

HARD/DENSE MATERIALS

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

ADDITIONAL DDC-RAPIDE MATERIALS

Tile
Clay Products
Roof Tiles
Wood With Nails
Wood
Plastics

[illegible]

DRY DIAMOND CORE DRILL SPEED RECOMMENDATIONS

22 mm	3,000 RPM
28 mm	2,380 RPM
32 mm	1,900 RPM
38 mm	1,760 RPM
42 mm	1,600 RPM
48 mm	1,400 RPM
52 mm	1,280 RPM
65 mm	1.030 RPM
78 mm	860 RPM
92 mm	800 RPM
102 mm	750 RPM

107 mm	625 RPM
112 mm	600 RPM
117 mm	570 RPM
127 mm	520 RPM
132 mm	490 RPM
142 mm	470 RPM
152 mm	440 RPM
158 mm	380 RPM
162 mm	350 RPM
175 mm	320 RPM
202 mm	300 RPM



BRICK / BLOCK / CONCRETE / WOOD / PLASTICS / TILE / CLAY / ROOF TILE

DDC-RAPIDE

USE ME FOR

Hard York stone / All brick types
Lightweight concrete block / Breeze block
Concrete / Lightly reinforced concrete
Wood / Wood with nails / Plastics / Tile
Clay Products / Roof tiles / Fiberglass

NEW



FEATURES

- Drilling Edge > Vacuum brazed - 10 mm depth for reduced snagging
- Matrix > Spaced Diamond Technology
- Bond > Vacuum brazed
- Barrel > Spiral fluted with dust removal slots
- Speed > Very fast drilling
- Perform > Great performance & output

SIZE RANGE / CODE

38 x 150 x R½	38DDC-RAPIDE	107 x 150 x R½	107DDC-RAPIDE
42 x 150 x R½	42DDC-RAPIDE	117 x 150 x R½	117DDC-RAPIDE
52 x 150 x R½	52DDC-RAPIDE	127 x 150 x R½	127DDC-RAPIDE
65 x 150 x R½	65DDC-RAPIDE	152 x 150 x R½	152DDC-RAPIDE
78 x 150 x R½	78DDC-RAPIDE	175 x 150 x R½	175DDC-RAPIDE
92 x 150 x R½	92DDC-RAPIDE	202 x 150 x R½	202DDC-RAPIDE
102 x 150 x R½	102DDC-RAPIDE		

R½ = ½" BSP (F) Fitting



RAPIDE

VACUUM BRAZED DRY DIAMOND CORE DRILL

VACUUM BRAZED
DRILLING EDGE

SPACED DIAMOND
TECHNOLOGY

NO SEGMENTS
MEANS NO SEGMENT LOSS

SPIRAL FLUTED
BARREL

DUST REMOVAL
SLOTS



60% FASTER
Than Pro Segmented Cores

59 SECONDS
To Drill Through A Concrete
Block vs Over 2-½ Minutes
With A Pro Segmented Core

100% SAFER
Than All Segmented Cores
With No Segment Loss

LESS Machine Wear
User Fatigue
Dust Created

DRILL All Bricks
Concrete
Breeze Block
And Clay/Plasterboard/Tile
Wood /Plastics /Fiberglass

CONSISTENT
Speed

ULTRA

BRICK / BLOCK / CONCRETE - ANTI SNAG

DUSDC

USE ME FOR

Hard York stone
All brick types
Lightweight concrete block / Breeze block
Concrete
Lightly reinforced concrete

FEATURES

Segments > 10 mm turbo shark / Kantore technology
Segments > Increased number of segments
Bonding > Laser welded
Barrel > Recessed anti snag / No segment loss
Barrel > Spiral fluted with dust removal slots
Perform > Maximum performance & output

SIZE RANGE / CODE

38 x 150 x R $\frac{1}{2}$	38DUSDC
52 x 150 x R $\frac{1}{2}$	52DUSDC
65 x 150 x R $\frac{1}{2}$	65DUSDC
78 x 150 x R $\frac{1}{2}$	78DUSDC
92 x 150 x R $\frac{1}{2}$	92DUSDC
102 x 150 x R $\frac{1}{2}$	102DUSDC
107 x 150 x R $\frac{1}{2}$	107DUSDC
117 x 150 x R $\frac{1}{2}$	117DUSDC
127 x 150 x R $\frac{1}{2}$	127DUSDC
152 x 150 x R $\frac{1}{2}$	152DUSDC

Unique Features:

- Body 1mm thinner than cutting edge
- One narrowed segment

Benefit:

- Gives side clearance & stops 'snagging'.



10mm

segment height



R $\frac{1}{2}$ = $\frac{1}{2}$ " BSP (F) Fitting

PLUS

BRICK / BLOCK / CONCRETE

DPDC

USE ME FOR

Hard York stone
All brick types
Lightweight concrete block / Breeze block
Concrete
Lightly reinforced concrete

FEATURES

Segments > 10 mm
Segments > Turbo roof top design
Bonding > Laser welded
Barrel > Spiral fluted
Barrel > Dust removal slots
Perform > Excellent performance & output

SIZE RANGE / CODE

22 x 300 x (HEX)	22DPDC
28 x 300 x (HEX)	28DPDC
32 x 150 x R $\frac{1}{2}$	32DPDC
38 x 150 x R $\frac{1}{2}$	38DPDC
42 x 150 x R $\frac{1}{2}$	42DPDC
48 x 150 x R $\frac{1}{2}$	48DPDC
52 x 150 x R $\frac{1}{2}$	52DPDC
65 x 150 x R $\frac{1}{2}$	65DPDC
78 x 150 x R $\frac{1}{2}$	78DPDC

92 x 150 x R $\frac{1}{2}$	92DPDC
102 x 150 x R $\frac{1}{2}$	102DPDC
107 x 150 x R $\frac{1}{2}$	107DPDC
117 x 150 x R $\frac{1}{2}$	117DPDC
127 x 150 x R $\frac{1}{2}$	127DPDC
152 x 150 x R $\frac{1}{2}$	152DPDC
158 x 150 x R $\frac{1}{2}$	158DPDC
162 x 150 x R $\frac{1}{2}$	162DPDC
175 x 150 x R $\frac{1}{2}$	175DPDC

R $\frac{1}{2}$ = $\frac{1}{2}$ " BSP (F) Fitting





BRICK / BLOCK

DDC

USE ME FOR

Hard York stone
London brick / General house brick
Handmade brick / Facing brick
Lightweight concrete block / Breeze block

FEATURES

Segments > 10 mm
Segments > Turbo design
Bonding > Laser welded
Barrel > Spiral fluted
Barrel > Dust removal slots
Perform > Great performance & output

SIZE RANGE / CODE

28 x 300 x (HEX)	28DDC	112 x 150 x R $\frac{1}{2}$	112DDC
38 x 150 x R $\frac{1}{2}$	38DDC	117 x 150 x R $\frac{1}{2}$	117DDC
42 x 150 x R $\frac{1}{2}$	42DDC	127 x 150 x R $\frac{1}{2}$	127DDC
48 x 150 x R $\frac{1}{2}$	48DDC	132 x 150 x R $\frac{1}{2}$	132DDC
52 x 150 x R $\frac{1}{2}$	52DDC	142 x 150 x R $\frac{1}{2}$	142DDC
65 x 150 x R $\frac{1}{2}$	65DDC	152 x 150 x R $\frac{1}{2}$	152DDC
78 x 150 x R $\frac{1}{2}$	78DDC	162 x 150 x R $\frac{1}{2}$	162DDC
92 x 150 x R $\frac{1}{2}$	92DDC	175 x 150 x R $\frac{1}{2}$	175DDC
102 x 150 x R $\frac{1}{2}$	102DDC	202 x 150 x R $\frac{1}{2}$	202DDC
107 x 150 x R $\frac{1}{2}$	107DDC		

R $\frac{1}{2}$ = $\frac{1}{2}$ " BSP (F) Fitting



BRICK / BLOCK

DSDC

USE ME FOR

Hard York stone
London brick / General house brick
Handmade brick / Facing brick
Lightweight concrete block / Breeze block

FEATURES

Segments > 8 mm
Segments > Standard
Bonding > Laser welded
Barrel > Dust removal slots
Perform > Good performance & output
Perform > Entry level range of cores

SIZE RANGE / CODE

28 x 300 x (HEX)	28DSDC	107 x 150 x R $\frac{1}{2}$	107DSDC
38 x 150 x R $\frac{1}{2}$	38DSDC	117 x 150 x R $\frac{1}{2}$	117DSDC
42 x 150 x R $\frac{1}{2}$	42DSDC	127 x 150 x R $\frac{1}{2}$	127DSDC
52 x 150 x R $\frac{1}{2}$	52DSDC	152 x 150 x R $\frac{1}{2}$	152DSDC
65 x 150 x R $\frac{1}{2}$	65DSDC	162 x 150 x R $\frac{1}{2}$	162DSDC
78 x 150 x R $\frac{1}{2}$	78DSDC		

R $\frac{1}{2}$ = $\frac{1}{2}$ " BSP (F) Fitting





STANDARD

BRICK / BLOCK / CONCRETE / PLASTICS / TILE / CLAY / WOOD / ROOF TILE

NEW

CONTENTS

- > 5 piece kit in plastic carry case
- > Core sizes included - 42, 52, 65, 117 & 127 mm
- > Adaptors - SDS Plus & hex
- > Extension & guide rod
- > 350 mm pilot drill & drift key



DDC-KITS5-RAPIDE

RAPIDE

VACUUM
BRAZED

**MULTIPLE MATERIALS
60% FASTER**



ULTRA

BRICK / BLOCK / CONCRETE

CONTENTS

- > 5 piece kit in plastic carry case
- > Core sizes included - 38, 52, 65, 117 & 127 mm
- > Adaptors - SDS Plus & hex
- > Extension & guide rod
- > 350 mm pilot drill & drift key

DUSDC-KITS5



PLUS

BRICK / BLOCK / CONCRETE

CONTENTS

- > 5 piece kit in plastic carry case
- > Core sizes included - 42, 52, 65, 117 & 127 mm
- > Adaptors - SDS Plus & hex
- > Extension & guide rod
- > 350 mm pilot drill & drift key

DPDC-KITS5



STANDARD

BRICK / BLOCK

CONTENTS

- > 5 piece kit in plastic carry case
- > Core sizes included - 42, 52, 65, 117 & 127 mm
- > Adaptors - SDS Plus & hex
- > Extension & guide rod
- > 350 mm pilot drill & drift key

DDC-KITS5



BASE

BRICK / BLOCK

CONTENTS

- > 5 piece kit in plastic carry case
- > Core sizes included - 42, 52, 65, 117 & 127 mm
- > Adaptors - SDS Plus & hex
- > Extension & guide rod
- > 350 mm pilot drill & drift key

DSDC-KITS5

DRY DIAMOND CORE DRILLS LIGHT / MEDIUM DUTY



DUST FREE DRILLING

PLUS

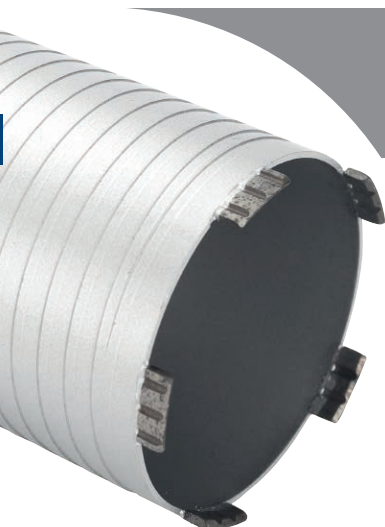
BRICK / BLOCK / CONCRETE



DPDC-SOLID

USE ME FOR

Hard York stone
All brick types
Lightweight concrete block / Breeze block
Concrete
Lightly reinforced concrete



CONTENTS

- Segments > 10 mm
- Segments > Turbo roof top design
- Bonding > Laser welded
- Barrel > Solid barrel to enable dust extraction
- Barrel > Spiral flute for heat reduction
- Perform > Excellent performance & output

SIZE RANGE / CODE

38 x 150 x R $\frac{1}{2}$	38DPDC-SOLID	102 x 150 x R $\frac{1}{2}$	102DPDC-SOLID
42 x 150 x R $\frac{1}{2}$	42DPDC-SOLID	107 x 150 x R $\frac{1}{2}$	107DPDC-SOLID
48 x 150 x R $\frac{1}{2}$	48DPDC-SOLID	117 x 150 x R $\frac{1}{2}$	117DPDC-SOLID
52 x 150 x R $\frac{1}{2}$	52DPDC-SOLID	127 x 150 x R $\frac{1}{2}$	127DPDC-SOLID
65 x 150 x R $\frac{1}{2}$	65DPDC-SOLID	152 x 150 x R $\frac{1}{2}$	152DPDC-SOLID
78 x 150 x R $\frac{1}{2}$	78DPDC-SOLID	175 x 150 x R $\frac{1}{2}$	175DPDC-SOLID
92 x 150 x R $\frac{1}{2}$	92DPDC-SOLID		

R $\frac{1}{2}$ = $\frac{1}{2}$ " BSP (F) Fitting





PLUS

PILOT DRILLS / ADAPTORS / GUIDE ROD / DRIFT / EXTENSIONS

ACCESSORIES

USE ME FOR

FEATURES

SIZE RANGE / CODE

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
- > SDS Plus, SDS Max, Hex & Hilti adaptors
- > Extensions Rods / Pilot Drills / Guide Rod / Drift Key
- > Dust free adaptors and extensions

STANDARD & VACUUM BRAZED DRY CORE DRILLING

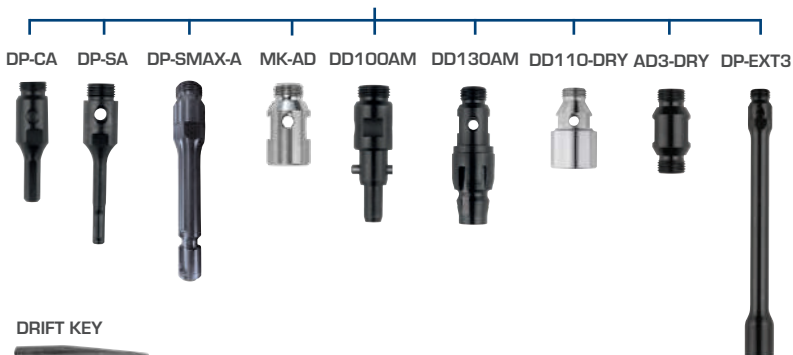
A-Taper Pilot - 10 x 225 mm (USE WITH DP-GR)	10x225-ATAPERP
A-Taper Pilot - 13 x 320 mm	DP-MD-A
SDS Plus Masonry Pilot Drill - 13 x 450 mm	13.0x450DP-SPLUS
3 Jaw Adaptor - 1/2" BSP (M)	DP-CA
3 Jaw Adaptor Pack	DP-CAP
SDS Plus Adaptor - 1/2" BSP (M)	DP-SA
SDS Plus Adaptor Pack	DP-SAP
SDS Plus Adaptor - 1/2" BSP (F) (For A Wet Core)	DP-SDS-1/2"F
SDS Max Adaptor - 1/2" BSP (M)	DP-SMAX-A
1/2" BSP (M) to 1/2" BSP (M) Adaptor - A Taper Int	AD3-DRY
Hilti DD100 Adaptor to 1/2" BSP (M)	DD100AM
Hilti DD130 Adaptor to 1/2" BSP (M)	DD130AM
Hilti M27 to 1/2" BSP (M)	DD110-DRY
A-Taper Universal Guide Rod	DP-GR
Drift Key	DP-DK
200 mm EXT - 1/2" BSP (F) to 1/2" BSP (M) - 'A' Taper Int	DP-EXT3
250 mm EXT - 1/2" BSP (F) to 1/2" BSP (M) - 'A' Taper Int	EXT3-M
M18x2.5mm Pitch (F) TO 1/2" BSP (M) - 'A' Taper Int	MK-AD

DUST FREE CORE DRILLING

Hollow Core Adaptor - 1/2" BSP (M) to 1/2" BSP (M)	AD3
150 mm Hollow Extension - 1/2" BSP (F) to 1/2" BSP (M)	EXT2-DRY-150
300 mm Hollow Extension - 1/2" BSP (F) to 1/2" BSP (M)	EXT2-DRY-300

ADAPTORS & EXTENSIONS

STANDARD DRY CORE DRILLING



DUST FREE CORE DRILLING

