



DRY DIAMOND CORE DRILLS

DUSDC

LIGHT / MEDIUM DUTY ANTI-SNAG



APPLICATIONS - BRICK / BLOCK / CONCRETE

HARD /
DENSE
MATERIAL

SOFT /
ABRASIVE
MATERIAL

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	

HIGHER SUITED
NOT SUITABLE

SUITABLE WITH RESERVATIONS

MAXIMUM PERFORMANCE & OUTPUT



USE ME FOR

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

FEATURES

- Segments: 10mm Turbo shark/Kantore technology
- Segments: Laser welded bonding
- Increased number of segments
- Barrel: Recessed anti snag / No segment loss
- Barrel: Spiral fluted with dust removal slots
- Maximum performance & output



UNIQUE FEATURES:

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

BENEFIT:

- Gives side clearance & stops 'snagging'

SIZES

DIMENSIONS	DUSDC
38 x 150 x R½	38DUSDC
52 x 150 x R½	52DUSDC
65 x 150 x R½	65DUSDC
78 x 150 x R½	78DUSDC
92 x 150 x R½	92DUSDC
102 x 150 x R½	102DUSDC
107 x 150 x R½	107DUSDC
117 x 150 x R½	117DUSDC
127 x 150 x R½	127DUSDC
152 x 150 x R½	152DUSDC

DRY DIAMOND CORE

DRILL SPEED RECOMMENDATIONS

38 mm	1,760 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
117 mm	570 RPM
127 mm	520 RPM
152 mm	440 RPM

- Speed may be adjusted to suit site conditions
- For very abrasive materials an increase in drill speed (rpm) will prolong life
- For harder materials, decrease the drill speed to prevent overheating
- Machine and material are the controlling factors to the life and speed of the core
- Correct machine speed & best practice determines overall performance

DUSDC CORE KIT DUSDC-KITS5

- 5 piece kit in plastic carry case
- Cores: 38, 52, 65, 117 & 127 mm
- Adaptors: SDS Plus & Hex
- Extension & guide rod
- 350 mm pilot drill
- Drift key



ACCESSORIES &
PROCESS DIAGRAMS

ALTERNATIVE PRODUCTS



DUST FREE DRILLING



SUPER FAST VACUUM BRAZED



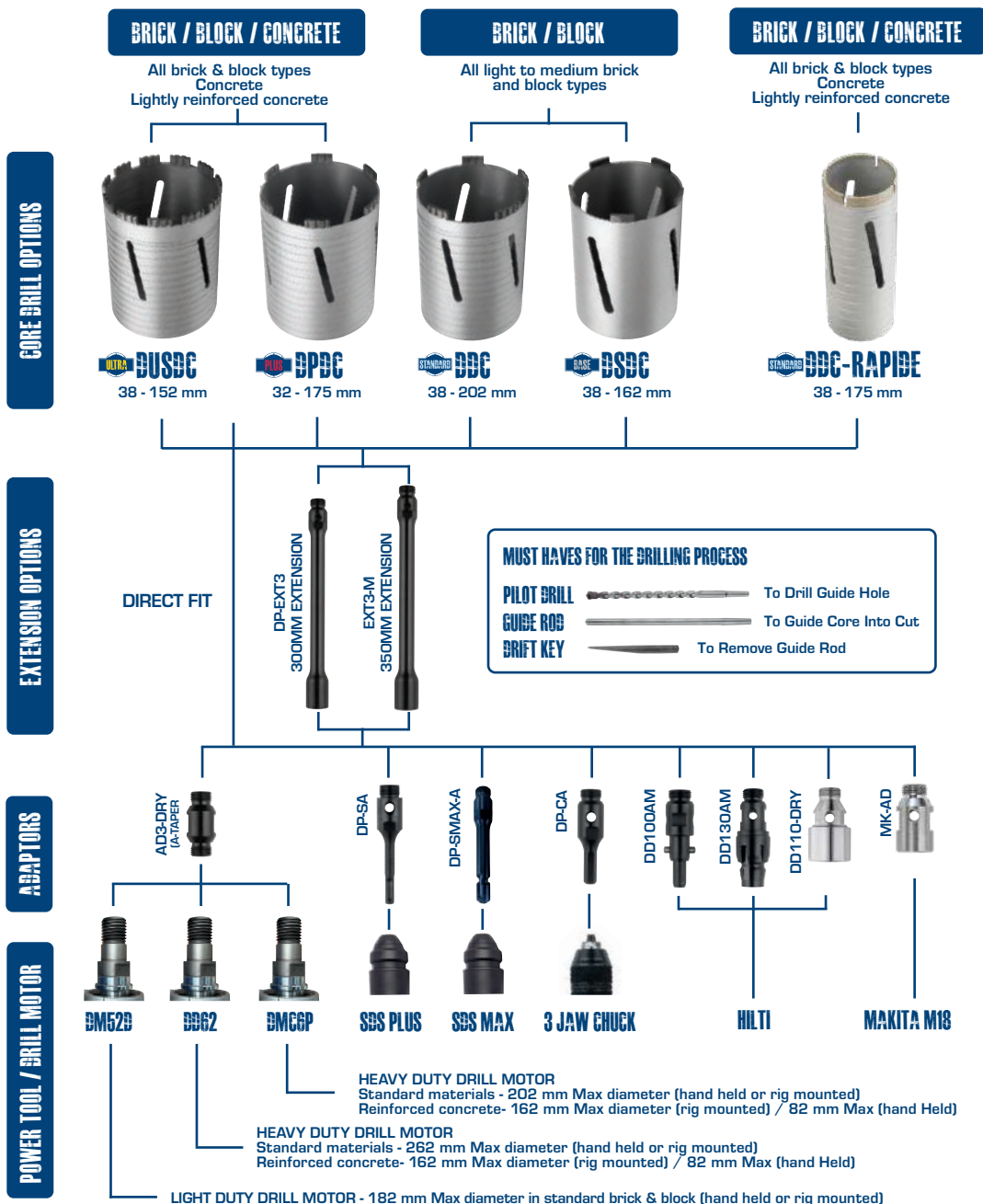
ORDER LINE: 01909 552470

EMAIL: INFO@DURO-YOKOTA.CO.UK

WWW.DURO-DIAMONDS.COM

WWW.YOKOTA.CO.UK

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



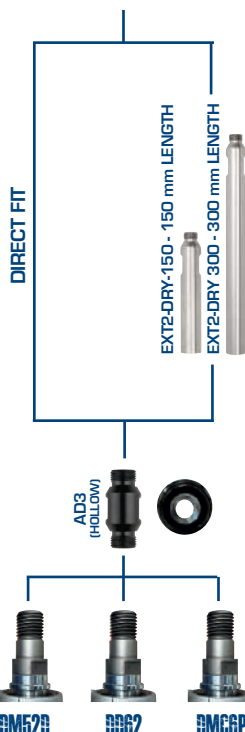
DPDC-SOLID
32 - 175 mm

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



**AD3
HOLLOW
ADAPTOR**



PLUS

PILOT DRILLS / ADAPTORS / GUIDE ROD / DRIFT / EXTENSIONS

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

FEATURES

SIZE RANGE / CODE

STANDARD & VACUUM BRAZED DRY CORE DRILLING

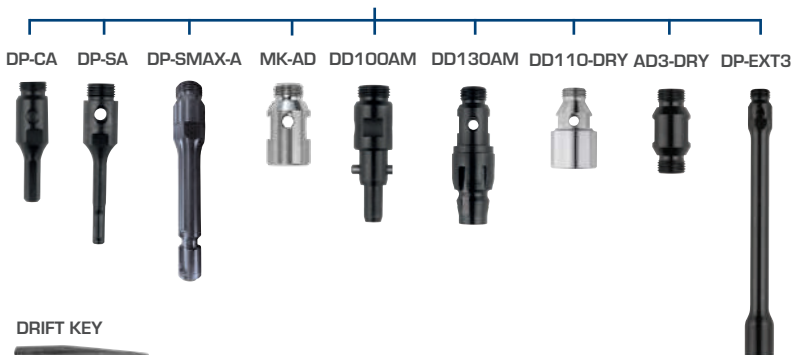
A-Taper Pilot - 10 x 225 mm (USE WITH DP-GR)	10x225-ATAPERP
A-Taper Pilot - 13 x 320 mm	DP-MD-A
SDS Plus Masonry Pilot Drill - 13 x 450 mm	13.0x450DP-SPLUS
3 Jaw Adaptor - 1/2" BSP (M)	DP-CA
3 Jaw Adaptor Pack	DP-CAP
SDS Plus Adaptor - 1/2" BSP (M)	DP-SA
SDS Plus Adaptor Pack	DP-SAP
SDS Plus Adaptor - 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



DRIFT KEY

A-TAPER PILOT

GUIDE ROD

DUST FREE CORE DRILLING



AD3

EXT2-DRY-300