DRILL IT

DURO

DRY DIAMOND CORE DRILLS
DUSDC
LIGHT / MEDIUM DUTY ANTI-SNAG

APPLICATIONS - BRICK / BLOCK / CONCRETE

HARD / DENSE MATERIAL	CLASS A ENGINEERING BRICKS	
	FLINT AGGREGATE COMMON	
	CLASS B ENGINEERING BRICKS	
	LIGHTLY REINFORCED CONCRETE	
	HEAVILY REINFORCED CONCRETE	
	CONCRETE	
	HARD YORK STONE	
	LONDON BRICK	
SOFT / ABRASIVE MATERIAL	GENERAL HOUSE BRICK	
	HANDMADE BRICKS	
	FACING BRICKS	
	LIGHTWEIGHT CONCRETE BLOCK	
	BREEZE BLOCK	
	ABRASIVE SAND / GRITSTONE	

HIGHLY SUITED | SUITABLE WITH RESERVATIONS | NOT SUITABLE

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

ALTERNATIVE PRODUCTS

FULL LIST OF ACCESSORIES INCLUDING PILOT DRILLS, ADAPTORS, GUIDE RODS, DRIFT KEYS & EXTENSIONS AVAILABLE

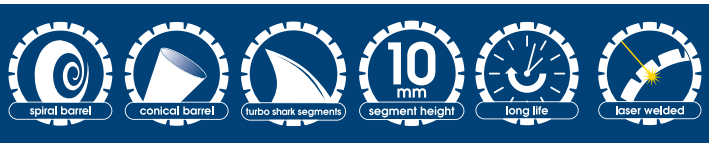
PLUS DPDC | STANDARD DDC | BASE DSDC

PLUS
DPDC-SOLID - DUST FREE DRILLING

STANDARD
DDC-RAPIDE - SUPER FAST VACUUM BRAZED

MAXIMUM PERFORMANCE & OUTPUT

ULTRA



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	> 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

UNIQUE FEATURES:
- Body 1mm thinner than cutting edge
- One narrowed segment

BENEFIT:
- Gives side clearance & stops 'snagging'.

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

ORDER LINE: 01909 552470
EMAIL: INFO@DURO-YOKOTA.CO.UK
WWW.DURO-DIAMONDS.COM

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

CORE DRILL OPTIONS

BRICK / BLOCK / CONCRETE

All brick & block types
Concrete
Lightly reinforced concrete

ULTRA DUSDC
38 - 152 mm

PLUS DPDC
32 - 175 mm

BRICK / BLOCK

All light to medium brick and block types

STANDARD DDC
38 - 202 mm

BASE DSDC
38 - 162 mm

BRICK / BLOCK / CONCRETE

All brick & block types
Concrete
Lightly reinforced concrete

STANDARD DDC-RAPIDE
38 - 175 mm

EXTENSION OPTIONS

DIRECT FIT

MUST HAVES FOR THE DRILLING PROCESS

PILOT DRILL	To Drill Guide Hole
GUIDE ROD	To Guide Core Into Cut
DRIFT KEY	To Remove Guide Rod

ADAPTORS

POWER TOOL / DRILL MOTOR

DM52B | DD62 | DMC6P | SDS PLUS | SDS MAX | 3 JAW CHUCK | HILTI | MAKITA M18

HEAVY DUTY DRILL MOTOR
Standard materials - 202 mm Max diameter (hand held or rig mounted)
Reinforced concrete- 162 mm Max diameter (rig mounted) / 82 mm Max (hand Held)

HEAVY DUTY DRILL MOTOR
Standard materials - 262 mm Max diameter (hand held or rig mounted)
Reinforced concrete- 162 mm Max diameter (rig mounted) / 82 mm Max (hand Held)

LIGHT DUTY DRILL MOTOR - 182 mm Max diameter in standard brick & block (hand held or rig mounted)

DRY DIAMOND CORE DRILL APPLICATIONS

MATERIAL TYPE	DUSDC (ULTRA)	DPDC (PLUS)	DDC (STANDARD)	DSDC (BASE)	DPDC SOLID (PLUS)	DDC RAPIDE (STANDARD)
	DRY CUTTING				DUST FREE	VACUUM
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						
Tile						▒
Clay Products						▒
Roof Tiles						▒
Wood With Nails						▒
Wood						▒
Plastics						■

■ Highly Suited ▒ Suitable With Reservations □ Not Suitable Do Not Use

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

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

FEATURES

> 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

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 - ½" BSP (M)	DP-CA
3 Jaw Adaptor Pack	DP-CAP
SDS Plus Adaptor - ½" BSP (M)	DP-SA
SDS Plus Adaptor Pack	DP-SAP
SDS Plus Adaptor - ½" BSP (F) (For A Wet Core)	DP-SDS-1/2"F
SDS Max Adaptor - ½" BSP (M)	DP-SMAX-A
½" BSP (M) to ½" BSP (M) Adaptor - A Taper Int	AD3-DRY
Hilti DD100 Adaptor to ½" BSP (M)	DD100AM
Hilti DD130 Adaptor to ½" BSP (M)	DD130AM
Hilti M27 to ½" BSP (M)	DD110-DRY
A-Taper Universal Guide Rod	DP-GR
Drift Key	DP-DK
200 mm EXT - ½" BSP (F) to ½" BSP (M) - 'A' Taper Int	DP-EXT3
250 mm EXT - ½" BSP (F) to ½" BSP (M) - 'A' Taper Int	EXT3-M
M18x2.5mm Pitch (F) TO ½" BSP (M) - 'A' Taper Int	MK-AD

DUST FREE CORE DRILLING

Hollow Core Adaptor - ½" BSP (M) to ½"BSP (M)	AD3
150 mm Hollow Extension - ½" BSP (F) to ½"BSP (M)	EXT2-DRY-150
300 mm Hollow Extension - ½" BSP (F) to ½"BSP (M)	EXT2-DRY-300

ADAPTORS & EXTENSIONS

STANDARD DRY CORE DRILLING

DP-CA DP-SA DP-SMAX-A MK-AD DD100AM DD130AM DD110-DRY AD3-DRY DP-EXT3

DUST FREE CORE DRILLING

AD3 EXT2-DRY-300

DRIFT KEY

A-TAPER PILOT

GUIDE ROD