DRILL IT

DURO

HEAVY DUTY WET DIAMOND CORE DRILLS

DUWC

LARGE DIAMETER SEGMENTED REINFORCED CONCRETE

APPLICATIONS - REINFORCED 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	DUWC
52 x 450 x 1¼" UNC (F)	52DUWC
62 x 450 x 1¼" UNC (F)	62DUWC
67 x 450 x 1¼" UNC (F)	67DUWC
77 x 450 x 1¼" UNC (F)	77DUWC
82 x 450 x 1¼" UNC (F)	82DUWC
92 x 450 x 1¼" UNC (F)	92DUWC
102 x 450 x 1¼" UNC (F)	102DUWC
107 x 450 x 1¼" UNC (F)	107DUWC
112 x 450 x 1¼" UNC (F)	112DUWC
117 x 450 x 1¼" UNC (F)	117DUWC
122 x 450 x 1¼" UNC (F)	122DUWC
127 x 450 x 1¼" UNC (F)	127DUWC
132 x 450 x 1¼" UNC (F)	132DUWC
142 x 450 x 1¼" UNC (F)	142DUWC
152 x 450 x 1¼" UNC (F)	152DUWC
162 x 450 x 1¼" UNC (F)	162DUWC
172 x 450 x 1¼" UNC (F)	172DUWC
182 x 450 x 1¼" UNC (F)	182DUWC
202 x 450 x 1¼" UNC (F)	202DUWC
212 x 450 x 1¼" UNC (F)	212DUWC
225 x 450 x 1¼" UNC (F)	225DUWC
250 x 450 x 1¼" UNC (F)	250DUWC

ALTERNATIVE PRODUCTS

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

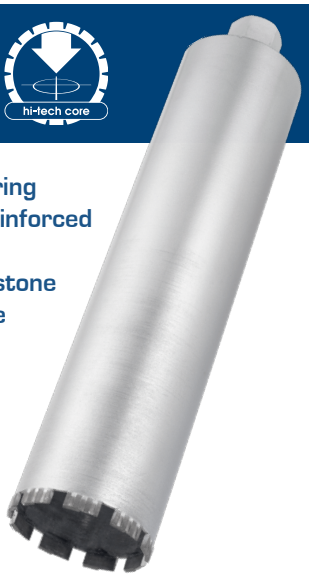
PLUS

DPWC-SEGMENTED

MAXIMUM PERFORMANCE & OUTPUT

ULTRA

12 mm segment height | long life | FAST fast cutting | laser welded | hi-tech core



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 & abrasive stone
- For hand held & above 82 mm, rig mounted use

FEATURES

Segments	> 12 mm K-Roof top
Segments	> Turbo design
Bonding	> Laser welded
Fitting	> 1¼" UNC (F)
Perform	> Maximum performance & output

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

WET DIAMOND / DUST FREE CORE DRILL SPEED RECOMMENDATIONS

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

- 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

ACCESSORIES & PROCESS DIAGRAMS

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

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

DUWC ULTRA CROWN
Diameters - 18 - 47mm
Lengths - 350 mm

DPWC PLUS CROWN
10 - 32 mm
200/ 350 mm

DUWC ULTRA SEGMENTED
52 - 250 mm
450 mm

DPWC PLUS SEGMENTED
35 - 500 mm
350/450 mm

EXTENSIONS

EXT2
300 mm

EXT1
300 mm

DIRECT FIT / ADAPTORS

ADDITIONAL CORE ADAPTORS

AD1
½" BSP (M)
1-¼" UNC (M)

AD2
½" BSP (F)
1-¼" UNC (F)

AD3
½" BSP (M)
½" BSP (M)

AD4
½" BSP (F)
½" BSP (F)

DP-SDS-1/2F
SDS PLUS
½" BSP (F)

DIRECT FIT TO ALL DRILLS OR EXTENSIONS

DD130 DD160 DD200 DD230

POWER TOOL

DMC6P
Rig Mounted
Reinforced Concrete
Max 162 mm
Standard Materials
202 mm

If Using Hand Held
Reinforced Concrete
Max 82 mm
Standard Materials
202 mm

DP-DST-13L
Water Tank

DM12
Rig Mounted Only
In All Materials
Max 350 mm

HILTI
ALL - 1-¼" UNC (M) TO ½" BSP (F)
DD130 Suitable for Hilti DD100, DD120, DD130, DD150 & DD150-BI+

DRILL RIGS

B13
150 mm Max Core Dia

AS200
202 mm Max Core Dia

B14
200 mm Max Core Dia

60MM COLLAR MOUNTED

B16
200 mm Max Core Dia

S350-1M
350 mm Max Core Dia

B32
350 mm Max Core Dia

S500-1M
500 mm Max Core Dia

RIG MOUNTED

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

FEATURES

> Maximum strength & durability
> Premium grade steel

SIZE RANGE / CODE

STANDARD WET CORE DRILLING

½" BSP (M) TO 1¼" UNC (M) Adaptor	AD1
½" BSP (F) TO 1¼" UNC (F) Adaptor	AD2
½" BSP (M) TO ½" BSP (M) Adaptor	AD3
½" BSP (F) TO ½" BSP (F) Adaptor	AD4
SDS Plus TO ½" BSP (F) Adaptor	DP-SDS-1/2"-F
300 mm - 1¼" UNC (F) to 1¼" UNC (M) Extension	EXT1
300 mm - ½" BSP (F) to ½" BSP (M) Extension	EXT2
Hilti DD100/120/130/150 BI+ to 1¼" UNC (M) & ½" BSP (F)	DD130*
Hilti DD160 to 1¼" UNC (M) and ½" BSP (F)	DD160
Hilti DD200 to 1¼" UNC (M) and ½" BSP (F)	DD200
Hilti DD250 to 1¼" UNC (M) and ½" BSP (F)	DD250

DUST FREE CORE DRILLING

300mm Hollow Extension - 1¼" UNC (F) to 1¼" (M)	EXT1-DRY
150mm Hollow Extension - ½"BSP (F) to ½"BSP (M)	EXT2-DRY-150
300mm Hollow Extension - ½"BSP (F) to ½"BSP (M)	EXT2-DRY-300

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

ADAPTORS & EXTENSIONS

WET / DUST FREE DIAMOND CORE DRILLS

CORE DRILL APPLICATIONS

MATERIAL TYPE	ULTRA DUWC	PLUS DPWC	ULTRA DUDCC
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