

CONSTRUCTION TOOLS

# PROHYBRID SERIES



# DRILLING – CORE DRILLS - HCD

- Clean / fast cutting in all material types
- Core bits can be offered in custom lengths
- C - Turbo segments are shorter in length and have a turbo design to minimize friction
- Recommended speed – Reinforced 1.5-2m/s – Soft/Hard – 2.5-3m/s – Abrasive 3-3.5m/s
- Pro Hybrid series to cut any type of material from Reinforced to soft concrete/ stone

Application	Product Name	Part Number	Diameter	No. of Segments	Tube Length	Segment Thickness	Segment Type	Segment Height	Coolant	Joint	Adapter
Core Drill - HCD Series is designed to operate at fast cutting speeds. With lesser contact area and turbo design there is less friction which allows the drills to operate at a higher cutting rate.	HCD101	70 025 1 0	25mm - 1 "	3	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD102	70 025 2 0	25mm - 1 "	3	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD151	70 038 1 0	38mm -1 1/2"	4	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD152	70 038 2 0	38mm -1 1/2"	4	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD201	70 051 1 0	51mm - 2"	5	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD202	70 051 2 0	51mm - 2"	5	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD251	70 064 1 0	64mm -2 1/2"	6	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD252	70 064 2 0	64mm -2 1/2"	6	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD301	70 076 1 0	76mm - 3"	8	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD302	70 076 2 0	76mm - 3"	8	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD351	70 089 1 0	89mm - 3 1/2"	8	300 mm (12")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD352	70 089 2 0	89mm - 3 1/2"	8	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD401	70 102 1 0	102mm - 4"	9	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD402	70 102 2 0	102mm - 4"	9	500 mm (19")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD451	70 114 1 0	114mm - 4 1/2"	10	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD452	70 114 2 0	114mm - 4 1/2"	10	500 mm (19")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD501	70 127 1 0	127mm - 5"	11	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD502	70 127 2 0	127mm - 5"	11	500 mm (19")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD601	70 152 1 0	152mm - 6"	13	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
	HCD602	70 152 2 0	152mm - 6"	13	500 mm (19")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"
HCD801	70 203 1 0	203mm - 8"	15	450 mm (17")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"	
HCD802	70 203 2 0	203mm - 8"	15	500 mm (19")	4 mm	C Turbo	10 mm	Wet / Dry	Welded	1 1/4"	

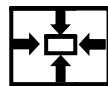
**PROHYBRID**  
SERIES



**WELDED**- High strength welding of the segments for high performance with or without coolant.



**SEGMENT DESIGN (W-U)** - Unique segment shape with reduced friction and faster slurry removal.



**HIPPED** - Segments are Hot Isostatic Pressed for better diamond retention and even bond wear.



**HYBRID – DP** - Even diamond placement for even wear of the segment throughout the cutting cycle.



Dee Tec manufactures diamond tools for various construction & stone applications using an advanced Hot Isostatic Pressing technology which allows the tools to perform in demanding conditions on a consistent basis. Our new line ProHYBRID has been designed to produce high quality tools for various applications such as wall sawing, floor sawing, core drilling, hand saw machines and diamond wire.

CONSTRUCTION TOOLS

# PROHYBRID SERIES



# FLOOR SAW DIAMOND BLADES - HFS

- Clean / fast cutting in all material types
- Bore Type - B & C for most machines
- Segments are offered in various shapes based on cutting material
- Designed to operate in low to high horsepower machines
- Pro Hybrid series to cut REINFORCED CONCRETE / BRICK / ASPHALT / GREEN CONCRETE
- Custom milling blades / sizes can be manufactured

Application	Product Name	Part Number	Diameter	Blade Slot	Bore Type	Segment Thickness	Segment Type	Segment Height	Coolant
Recommended for cutting Reinforced / Concrete. Designed to operate under Low to High horsepower machines.	HFS350	20 350 1 0	350 mm - 14"	Wide	B/C Type	3 mm	W Turbo	12.5mm	Wet / Dry
	HFS400	20 400 1 0	400 mm - 16"	Wide	B/C Type	4 mm	W Turbo	12.5mm	Wet / Dry
	HFS450	20 450 1 0	450 mm - 18"	Wide	B/C Type	4 mm	W Turbo	12.5mm	Wet / Dry
	HFS500	20 500 1 0	500 mm - 20"	Wide	B/C Type	4 mm	W Turbo	12.5mm	Wet / Dry
	HFS600	20 600 1 0	600 mm - 24"	Wide	B/C Type	5 mm	W Turbo	12.5mm	Wet / Dry
	HFS650	20 650 1 0	650 mm - 26"	Wide	B/C Type	5 mm	W Turbo	12.5mm	Wet / Dry
	HFS700	20 700 1 0	700 mm - 28"	Wide	B/C Type	5 mm	W Turbo	12.5mm	Wet / Dry
	HFS800	20 800 1 0	800 mm - 32"	Wide	B/C Type	6 mm	W Turbo	12.5mm	Wet / Dry
	HFS010	20 010 1 0	1000 mm - 40"	Wide	B/C Type	6 mm	W Turbo	12.5mm	Wet / Dry
Application	Part Number	Part Number	Diameter	Blade Slot	Bore Type	Segment Thickness	Segment Type	Segment Height	Coolant
Smooth cutting blades for Asphalt. Segment is designed for faster cutting with drop segments for undercut protection.	HFS355	21 350 1 0	350 mm - 14"	Wide	B/C Type	3 mm	U Turbo	10 mm	Wet / Dry
	HFS405	21 400 1 0	400 mm - 16"	Wide	B/C Type	4 mm	U Turbo	10 mm	Wet / Dry
	HFS455	21 450 1 0	450 mm - 18"	Wide	B/C Type	4 mm	U Turbo	10 mm	Wet / Dry
	HFS505	21 500 1 0	500 mm - 20"	Wide	B/C Type	4 mm	U Turbo	10 mm	Wet / Dry
	HFS605	21 600 1 0	600 mm - 24"	Wide	B/C Type	5 mm	U Turbo	10 mm	Wet / Dry
	HFS655	21 650 1 0	650 mm - 26"	Wide	B/C Type	5 mm	U Turbo	10 mm	Wet / Dry
	HFS705	21 700 1 0	700 mm - 28"	Wide	B/C Type	5 mm	U Turbo	10 mm	Wet / Dry
	HFS805	21 800 1 0	800 mm - 32"	Wide	B/C Type	6 mm	U Turbo	10 mm	Wet / Dry
Application	Part Number	Part Number	Diameter	Blade Slot	Bore Type	Segment Thickness	Segment Type	Segment Height	Coolant
Blades for Green Concrete with undercut protection drop segments.	HFS377	22 350 1 0	350 mm - 14"	Wide	B/C Type	3 mm	U Turbo	10 mm	Wet / Dry
	HFS407	22 400 1 0	400 mm - 16"	Wide	B/C Type	4 mm	U Turbo	10 mm	Wet / Dry
	HFS457	22 450 1 0	450 mm - 18"	Wide	B/C Type	4 mm	U Turbo	10 mm	Wet / Dry

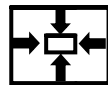
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**WELDED**- High strength welding of the segments for high performance with or without coolant.



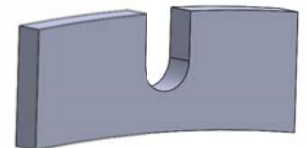
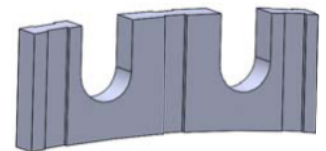
**SEGMENT DESIGN (W-U)** - Unique segment shape with reduced friction and faster slurry removal.



**HIPPED** - Segments are Hot Isostatic Pressed for better diamond retention and even bond wear.



**HYBRID - DP** - Even diamond placement for even wear of the segment throughout the cutting cycle.



Dee Tec manufactures diamond tools for various construction & stone applications using an advanced Hot Isostatic Pressing technology which allows the tools to perform in demanding conditions on a consistent basis. Our new line ProHYBRID has been designed to produce high quality tools for various applications such as wall sawing, floor sawing, core drilling, hand saw machines and diamond wire.

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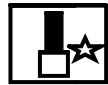
# WALLSAW DIAMOND BLADES - HWS

- Clean / fast cutting in all material types
- Bore Type - A is for most machines - can offer custom options
- Segments are in 3 layer format for faster cutting
- Designed to operate in low to high horsepower machines
- Pro Hybrid series to cut REINFORCED / HARD – SOFT CONCRETE / BRICK



Application	Product Name	Part Number	Diameter	Blade Slot	Bore Type	Segment Thickness	Segment Type	Segment Height	Coolant
Recommended for cutting Reinforced / Hard to Soft Concrete / Brick. Product is designed to operate in low to high power machines.	HWS600	50 600 1 0	600 - 24"	Wide	A TYPE	4.5mm	W Turbo	12.5mm	Wet
	HWS650	50 650 1 0	650 - 26"	Wide	A TYPE	4.5mm	W Turbo	12.5mm	Wet
	HWS700	50 700 1 0	700 - 28"	Wide	A TYPE	4.5mm	W Turbo	12.5mm	Wet
	HWS750	50 750 1 0	750 - 30"	Wide	A TYPE	4.5mm	W Turbo	12.5mm	Wet
	HWS800	50 800 1 0	800 - 32"	Wide	A TYPE	4.5mm	W Turbo	12.5mm	Wet

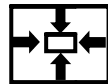
**PROHYBRID**  
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**WELDED**- High strength welding of the segments for high performance with or without coolant.



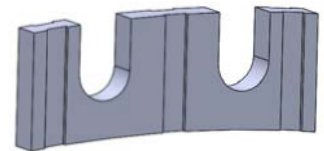
**SEGMENT DESIGN (W-U)** - Unique segment shape with reduced friction and faster slurry removal.



**HIPPED** - Segments are Hot Isostatic Pressed for better diamond retention and even bond wear.



**HYBRID – DP** - Even diamond placement for even wear of the segment throughout the cutting cycle.



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# WIRE SAW –DIAMOND WIRE - HDW

- Clean / fast cutting in all material types
- Bore Type - A is for most machines - can offer custom options
- Segments are in 3 layer format for faster cutting
- Designed to operate in low to high horsepower machines
- Pro Hybrid series to cut REINFORCED / HARD – SOFT CONCRETE / BRICK

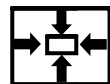


Application	Product Name	Part Number	Diameter	No. of Beads / m	Min / Max Length	Bead Type	Spacer	Coolant	Joint
General - Fast cutting diamond wire can be used for any construction application. HBB Beads allow for faster cutting! Low to High Horspower machine	HDW40	98 001 0 0	10.5 mm	40	10 m / 70 m	HBB	Rubber	Yes / No	Open Loop
General Concrete - Wire is designed as R 40 - C and the wire is offered in an endless design	HDW41	98 001 0 0	10.5 mm	40	10 m / 70 m	HBB	Rubber	Yes / No	Closed loop / Endless
Reinforced Concrete - Wire is desgined with 43 beads per meter allowing it to run for reinforced concrete. HBB Beads allow for faster cutting!	HDW43	98 001 0 0	10.5 mm	43	10 m / 70 m	HBB	Rubber	Yes / No	Open Loop
Reinforced Concrete - Wire is desgined as R 43 - C and the wire is offered in an endless design	HDW44	98 001 0 0	10.5 mm	43	10 m / 70 m	HBB	Rubber	Yes / No	Closed loop / Endless
Metal - The wire is desgined with 55 beads per meter specifically desgined for demanding conditions. Good cutting speed in demanding conditions of heavily reinforced concrete and metal.	HDW55	98 001 0 0	10.5 mm	55	10 m / 70 m	HBB	Rubber	Yes	Open Loop

**PROHYBRID**  
SERIES



**HBB WIRE BEADS**—Beads are processed with a concentration of diamond which is brazed and HIPed.



**HIPPED** - Beads are Hot Isostatic Pressed for better diamond retention and even bond wear.



**HYBRID – DP**—High concentration of diamond which is evenly placed. Fast cutting with a good service life



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