



1/4" UNC connection

1/2" BSP connection

Operating Tips

Refer to the drilling machine instructions to ensure the correct speed is selected for the hole size and the hardness of the material being drilled.

General rule:

- Smaller holes higher speed
- Larger holes lower speed
- Ensure the motor has adequate power
- Keep constant pressure on the core, do not force it, allow the diamonds to cut at their own pace
- For best results ensure an adequate flow of water.

Laser welded diamond segments

Diamond Drilling Power Tools

Description

Ramset™ Diamond Cores use industrial grade diamond, which is the hardest material on earth. They are ground down into very small pieces and mixed with a metallic paste called the bond. This is what holds the diamonds in place and forms the segments or the teeth of the core bit.

Diamonds within the segments are very brittle and break several times before wearing away, this breaking constantly exposes new sharp cutting edges and it is these edges that cut the material.

Ramset™ offer a comprehensive range of Diamond Cores, which have been selected to meet most common coring applications.

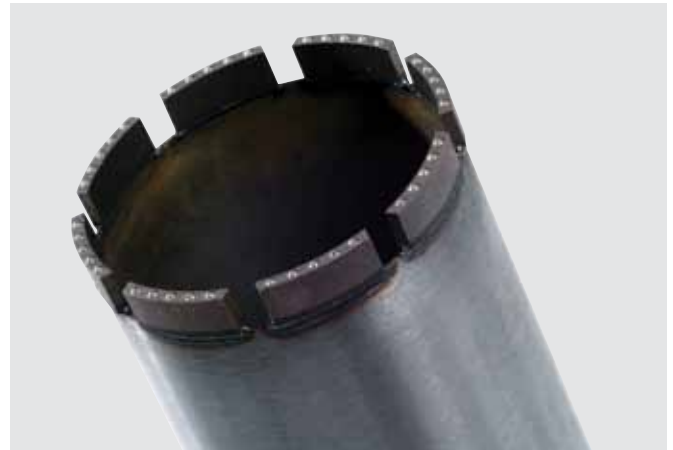
Related Products

Drilling Motors

Drilling Rigs

Wet and Dry Vacuums

Sharpening Plate



Diamond Core Drill Bits

Part No.	1/2" BSP Thread	Suits Drilling Motor
DCDS14300	14mm x 300mm	RM160
DCDS16300	16mm x 300mm	RM160
DCDS18300	18mm x 300mm	RM160
DCDS20300	20mm x 300mm	RM160
DCDS24300	24mm x 300mm	RM160
DCDS26300	26mm x 300mm	RM160
DCDS32300	32mm x 300mm	RM160
DCDS35300	35mm x 300mm	RM160
DCDS40300	40mm x 300mm	RM160
DCDS45300	45mm x 300mm	RM160
DCDS52300	52mm x 300mm	RM160, RM250

Wet Core Drill Bits

Part No.	1 1/4" UNC Thread	Suits Drilling Motor
DCDL52450	52mm x 450mm	RM160, RM250, RM350
DCDL66450	66mm x 450mm	RM160, RM250, RM350
DCDL76450	76mm x 450mm	RM160, RM250, RM350
DCDL82450	82mm x 450mm	RM160, RM250, RM350
DCDL91450	91mm x 450mm	RM160, RM250, RM350
DCDL101450	101mm x 450mm	RM160, RM250, RM350
DCDL116450	116mm x 450mm	RM160, RM250, RM350
DCDL121450	121mm x 450mm	RM160, RM250, RM350
DCDL126450	126mm x 450mm	RM160, RM250, RM350
DCDL131450	131mm x 450mm	RM160, RM250, RM350
DCDL142450	142mm x 450mm	RM250, RM350
DCDL151450	151mm x 450mm	RM250, RM350

Other cores sizes (150 - 350mm) are available on request. Please consult your Ramset™ representative for advice.