ForceX

DIAMOND CORE USER AND SAFETY INFORMATION

IMPORTANT
- Use a variable speed drill equipped with a safety clutch, minimum 900W
- Disengage hammer action when diamond core drilling
- Always clear debris build-up from diamond core
- Check there are no service pipes, cables, wall ties or obstructions in the area to be drilled or on the breakout side.
- Ensure no one can enter the area of breakout.

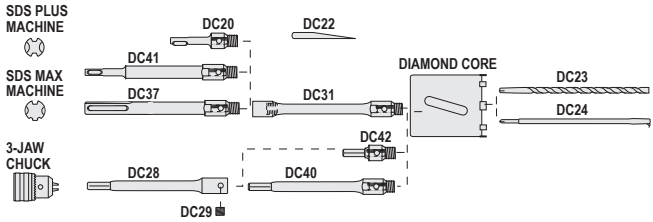
SHARPEN DIAMOND CORE TIPS
If diamond becomes glazed, sharpen by running it through abrasive material such as breeze block

STORAGE
Reject damaged cores; do not allow them to be used.
Do not allow cores to be dropped or bumped against other objects.
Replace in original packaging & store in dry conditions

FITTING
1. Standard 3-jaw chuck Use DC42 or DC40 adaptor & extension DC28.
2. SDS Plus System Use DC20 or DC41 adaptor & extension DC31.
3. SDS Max System Use DC37 adaptor & extension DC31.

DRILLING INSTRUCTIONS
1. Make a pilot hole with a 13mm Bit. (If using DC20, 41, 37, 31, 42, 40 use a DC23 drill bit by inserting into the adaptor.) To release bit use drift key DC22 by inserting into hole and tap with a hammer.
2. Screw diamond drill to adaptor then insert guide rod & make sure it is properly located. Disengage hammer action!
3. Locate guide rod in pilot hole. Keep teeth away from material and run machine up to recommended speed
4. Commence drilling. Do not force the diamond core through the material. Maintain a constant even speed and in the event of vibration reduce both pressure & speed
5. Keep drill centralised & regularly clear debris

FITTING CHART



SPEED SETTINGS
The larger diameter of core drill, the lower the speed. Harder materials require slower speeds

22mm = 3000rpm	107mm = 750rpm
38mm = 1750rpm	117mm = 580rpm
52mm = 1250rpm	127mm = 520rpm
65mm = 1050rpm	152mm = 450rpm
78mm = 850rpm	