Global Geotech
Exploration Drilling & Sampling Equipment

Official Distributor for Diaset Products

DIASET
"Built to last, built to cut fast"

PREMIUM DIAMOND DRILLING BITS, SHOES & EQUIPMENT

ULTRATERRA BY DIASET

Precision Matrix & Crown Design Chart

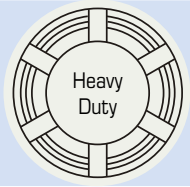
SOFT ROCK		HARD ROCK DESCRIPTION				
Any Abrasion	< ABRASION >	Extreme	Abrasive	Some	Nil	Nil
Any Fracturing	< FRACTURING >	Extreme	Fractured	Minor	Solid	Solid Core
Hardness <MOHS 3	< HARDNESS >	Soft to Medium	Medium	Medium with hard bands	Hard to Very Hard	Extremely Hard

Surface Set or Polycrystalline Set
VERY FAST CUTTING

1X to 3X

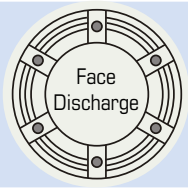
For longest bit life, start with the lowest number in each application zone

Long-life and abrasion resistant crown design. Good results with any matrix.



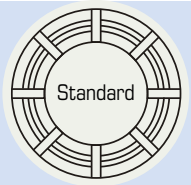
4X to 5X

Best core recovery on "Triple-Tube" designs, abrasion resistant. Can be used with any matrix



6X to 9X

Standard design. Works with any matrix, best results with #6X and higher numbers.



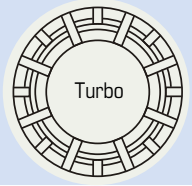
Wireline bits
All popular corebarrel designs and Sizes: A, B, N, H, P

Conventional bits
All CDA/DCDMA standard items IEW/IEW-S,IAW/IAW-S, AW34, LTK 46, JKT 48, LTK 56, BW44, A,B,N,H

International metric T-series:
T(2), T-36 ,46 ,56 ,66 ,76 ,86 ,101

International metric B-series:
B-36, 46,56,66,76,86,101

Faster penetrating design in solid, hard rock. Works best with #8X and higher numbers



10X to 15X

Please ask about any size or style not listed.

QAS INTERNATIONAL
ISO 9001:2008
REGISTERED FIRM
Certificate No. CAN1872

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