

POLYCRYSTALLINE DIAMOND COMPACT (PDC) CUTTERS



LANDS PQ SERIES OF PDC PRODUCTS



LANDS contracts with a major manufacturer of PDC products to offer an excellent choice of PDC made using 6D HTHP technology.

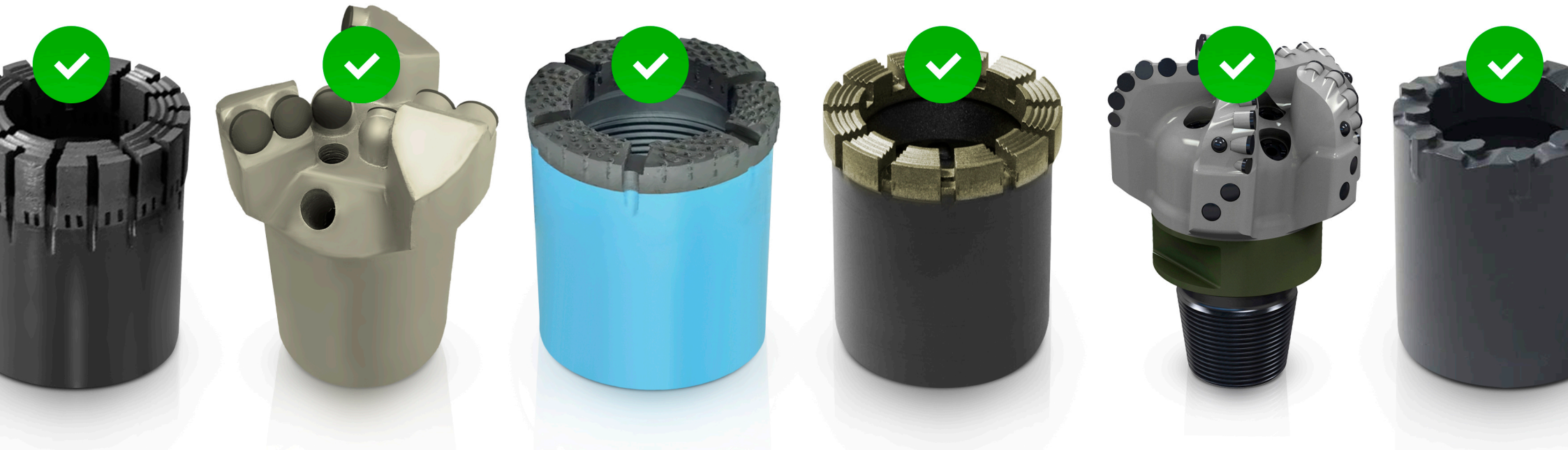


Our PQ-PDC's are sold around the world in drilling applications ranging from exploration, construction, coring, geothermal, water-wells as well as tar sands and other oil / gas applications.



With strong feedback from the field, constant product refinement; improvements are being realized.

PRESENTLY, LANDS OFFERS A FULL LINE OF PQ PRODUCTS



PDC OPTIONS

Standard sizes available

0808

1008

1308

1313

1608

1613

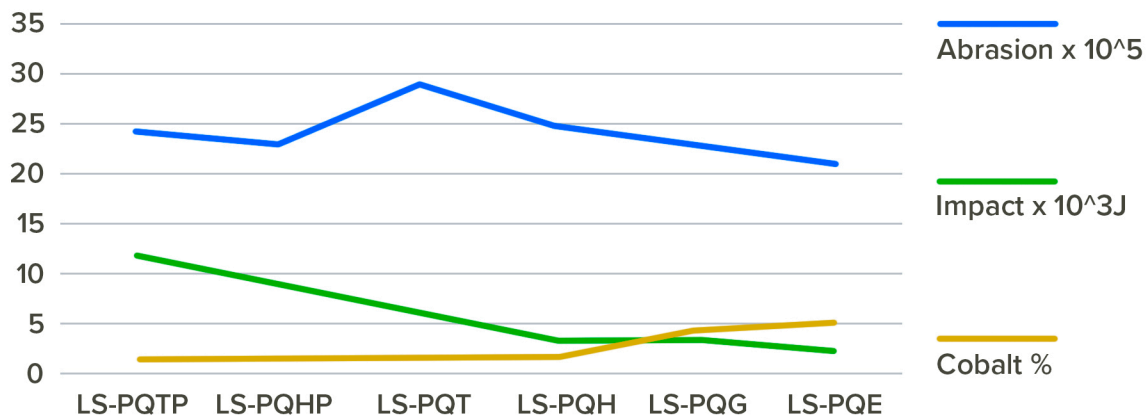
1616

1913

1916

Additional sizes available upon request

LANDS PQ Series PDC Cutters



PQE

Economical
PQ option

PQG

High
Impact

PQH

High Abrasion
and thermal
stability

PQT

High
Abrasion

PQHP

Premium
version of PQH

PQTP

Premium
version of PQT

PQSP

Highest Impact
version of the
PQ series

SPECIFICATION



In carbide layers taller than 8mm, LANDS offers two options for the increased height

Diamond Layers

The ideal diamond height on the PQ series is often a direct relationship with the surface area of the PDC product.

08mm diameter standard diamond height 1.0mm

13mm diameter standard diamond height 1.8mm

16mm diameter standard diamond height 2.0mm

Standard Chamfers

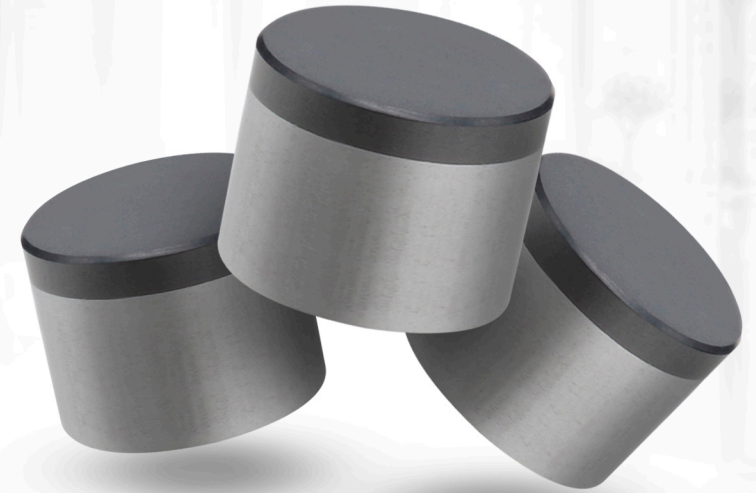
For 8mm and 10mm a 0.3 diamond chamfer and a 0.5 carbide chamfer

For 13mm and larger a 0.4 diamond chamfer and a 0.9 carbide chamfer



The newest generation of PDC cutters for more rigorous drilling

G4, G5 AND G6 CUTTERS



G4

The G4 cutter offers a 25% increase in abrasion testing making it an ideal application for the more demanding well productions.

G5

The G5 cutter is the a newer iteration in the growing line of LANDS PDC and offers the best combination of impact and abrasion resistance. With years of R&D behind the G5 the product now shows an improvement of nearly 50% on the PQHT.

G6

The G6 cutter in the latest generation focused on impact and abrasive resistance while maintaining the highest thermal stability.



TRACEABILITY

Every lot is engraved with a traceable lot number into the carbide allowing LANDS to trace every product from inception to production to receiving and to delivery.

