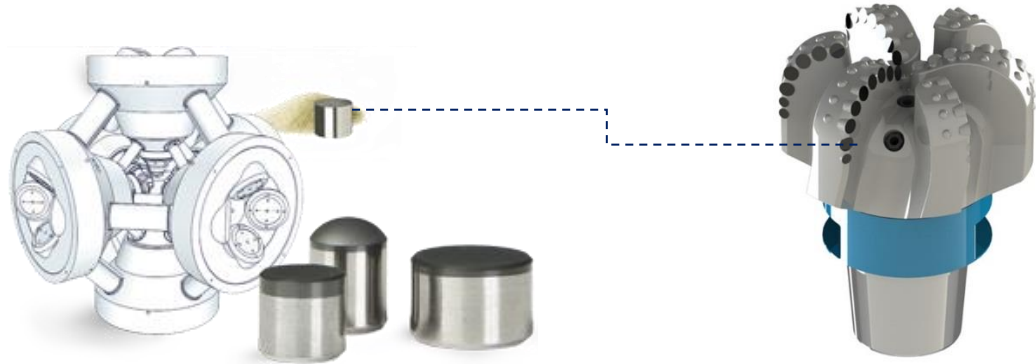


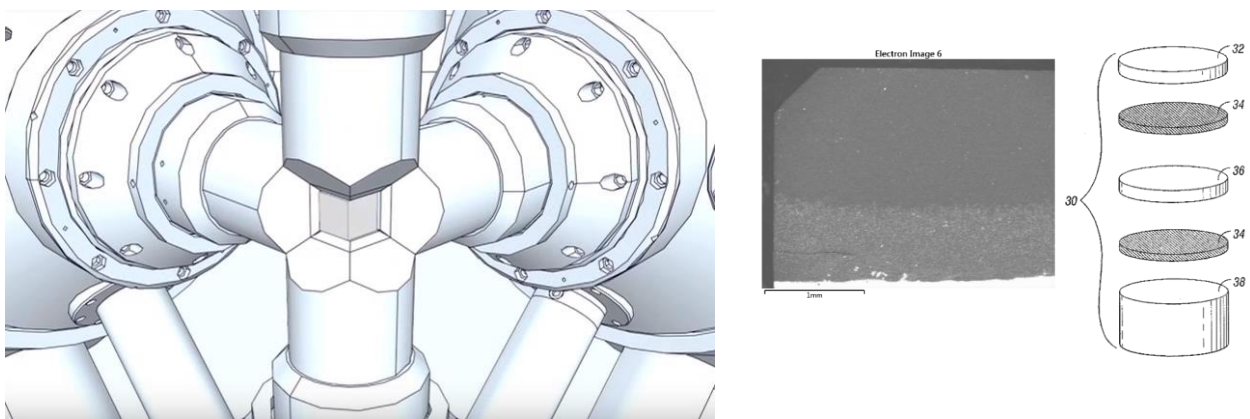
PDC cutter selection

Through test **campaigns in lab** and **field tests validation**, we/PDT and our JVs entrust the renowned names of the diamond industry to manufacture the most appropriate compact cutters for specific applications



Among all the products available on the market and after selection of the best, PDT considers 3 main grades to select:

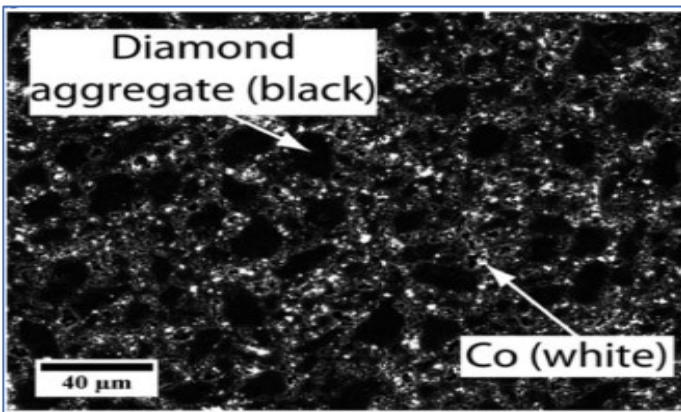
- **Standard:** multi-purpose product that suit most of non-demanding application
- **Premium:** top of the shelf product in terms of shock resistance and abrasion
- **XL Forced:** High quality product with best abrasion & thermal resistance score



The XL Forced PDC cutter is the cutting-edge product used by PDT in challenging applications. Through a combination of multi diamond layers technology and diamond to carbide interface shape, this cutter has shown superior thermal resistance to rough solicitations providing enhanced bit life and drilling performances challenging any deep leached cutter.

The **XL Forced PDC™** patented cutters

- Thickest diamond table **XL™**
- Deepest Forced Leeched cutters **DFL™**



The **XL FORCED PDC™** cutters with **THICKEST** diamond table as well as **DEEPEST** forced leeched cutters improve wear resistance in parallel to impact durability while utilising latest technologies in most abrasive/tough applications.

The patented **XL Forced PDC™** cutters have delivered **PREMIUM** performances with huge savings in well economics, according to lab tests as well as field results in Australia.

★**Nothing But The Premium**★

XL FORCED PDC™ cutters are trademark of Premium Drilling Tools, Pty Ltd (PAT# AU-2421499).

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Australian Government

IP Australia

CERTIFICATE OF REGISTRATION TRADE MARK

Trade mark number: 2421499

The Registrar of Trade Marks has registered the trade mark represented on this certificate on 26 August 2024 and certifies that the following particulars have been entered in the Register of Trade Marks.

Name and address of owner(s):

Premium Drilling Tools Pty Ltd of PO Box 24 Morningside QLD 4170 Australia

The trade mark is registered in the following class(es):

37

Date of filing: 18 January 2024

Registered from: 18 January 2024

Registration expires on*: 18 January 2034

Representation:

XL FORCED PDC

Goods and/or services, and other information relating to the registration of this trade mark are listed on the following pages.



Dated this 26th day of August 2024

Registrar of Trade Marks

TRADE MARKS ACT 1995

The Australian Trade Marks Register is the official record and should be referred to for the full details pertaining to this IP Right



PREMIUM DRILLING TOOLS, Pty Ltd

Axe cutters

Ultimate Series™



All information and designs are protected under trade mark Act of Australia for "Premium Drilling Tools, Pty Ltd " (ABN63662286035).

XL Forced(TM) PDC cutters are patented to Premium Drilling Tools, Pty Ltd.

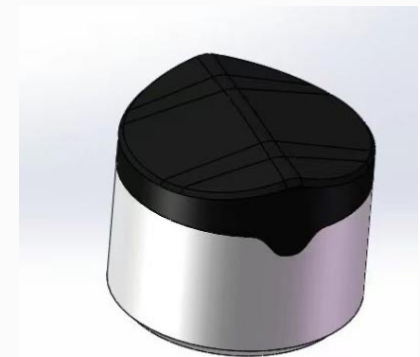
Axe Cutters

Ultimate Series™



◆ Features & Benefits

- The Axe Cutter can be used with both Matrix body and Steel body PDC bits to drill intervals continuously through the vertical, curve and lateral sections on PDM or RSS with less reactive torque and vibrations.
- Axe PDC bits improve ROP in medium-hard formations with unconfined compressive strengths (UCS) greater than 8~10 kpsi.



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XL Forced(TM) PDC cutters are patented to Premium Drilling Tools, Pty Ltd.

Axe Cutters

Ultimate Series™



◆ Product classification and use strata

Model/Specification		Application strata
165° Axe cutter		Face angle of 165°, suitable for med-hard rock formations, tough interbedded formations, brittle formations. BHA: PDM & RSS.
139°Axe cutter		Face angle of 139°, suitable for non-homogeneous hard and brittle strata interbedded. BHA: PDM & RSS.

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