

OIL & GAS

PDC Cutter Specifications



DRILL FURTHER, FASTER, FOR LONGER

— Whether it is an impact, abrasive or multi-purpose application our extensive range of next generation PDC cutters enable the highest level of performance throughout the drilling cycle. Our cutters deliver consistently longer life, with an improved rate of penetration and a lower drilling cost.

elementsix[™]
a De Beers Group Company

CUTTERS THAT DELIVER HIGH PERFORMANCE

Element Six has a range of high performance Polycrystalline Diamond Cutters (PDC) suitable for impact, abrasion and general purpose applications – the result of our continuing dedication to innovation and excellence in the Oil & Gas industry.

ELEMENT SIX QUALITY ASSURANCE

Element Six is an ISO9001 2008 Registered Company.

Our material quality is based on over 20 years of working in the Oil & Gas industry.

Our cutters have consistent and reliable performance characteristics and are produced to precisely defined specifications using our controlled production process.

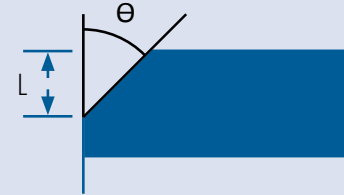
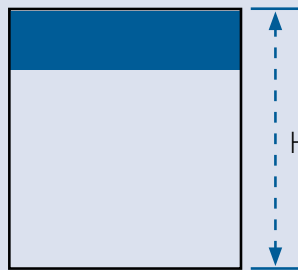
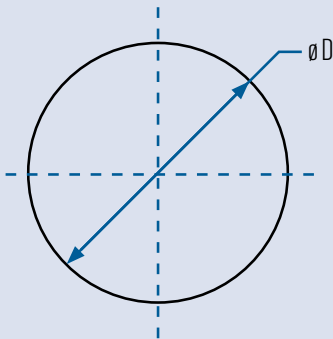
DRIVEN BY INNOVATION

Element Six works in partnership with customers to develop cutting-edge synthetic diamond products that deliver competitive advantage to their business.

Our PDC cutters have been developed to be highly durable – with increased chip tolerance and abrasion resistance. This means the performance of our cutters increases the rate of penetration throughout the drill cycle, delivering faster drilling and lower costs.

Post run our cutters are designed to exhibit less wear, enabling the drill bit to be re-run or repaired with a minimal amount of additional work, further improving the revenue potential from each drill bit.

OUR STANDARD CUTTER SPECIFICATIONS



ØD

13mm	13.44mm	(0.529")
16mm	15.88mm	(0.625")
19mm	19.05mm	(0.75")

H

8.00mm	(0.31")
13.20mm	(0.52")
16.00mm	(0.63")

CARBIDE CHAMFER

0.78mm (0.03") x 45°

DIAMOND TABLE CHAMFER (L X Θ)

DT	0.25mm (0.01") x 45°
DTB	0.40mm (0.015") x 45°
DTC	0.50mm (0.02") x 45°
DTD	0.45mm (0.018") x 45°
DTK	0.30mm (0.012") x 45°

FIND OUT MORE ABOUT OUR RANGE OF PDC CUTTERS:

Contact your nearest Element Six representative:
Call: +1 281 364 8080, Email: support@e6.com,
Website: www.e6.com/oil&gas