

NEW

PCBN

BX480 & BX470

High performance cutting grades for sintered metals



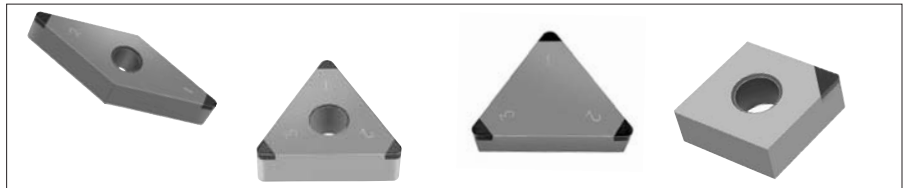
Sint-D11

Sint-D30

Sint-D39

BX480 & BX470

Grades with extremely high content of cBN for economic machining of ferrous sintered metals



Grade	Microstructure	Hardness (Hv)	Transverse rupture strength (GPa)	Features
BX480		4100 - 4300	1.90 - 2.10	Extremely wear resistant, high content cBN grade for speed rates up to 400 m/min
BX470		4100 - 4300	1.90 - 2.10	Fine grain and high content cBN grade that excels in cutting edge sharpness and minimizes burr occurrence

Inserts – „Custom Made“

Item Code	Corner radius				
	02	04	08	12	16
2QP-CNGA1204..	02	04	08	12	16
2QP-DNGA1504..					
2QP-DNGA1506..					
2QP-SNGA1204..					
3QP-TNGA1604..					
2QP-VNGA1604..					
3QP-WNGA0804..					
2QP-CCMW0602..					
2QP-CCMW09T3..					
2QP-DCMW0702..					
2QP-DCMW11T3..					
2QP-SPM 0903..					
3QP-TPMN1103..					
3QP-TPMN1603..					
3QP-TPMW0802..					
3QP-TPMW0902..					
3QP-TPMW1102..					
3QP-TPMW1103..					
3QP-TPMW1303..					
3QP-TPMW1604..					
3QP-TPMW16T3..					
2QP-VBMW1103..					
2QP-VBMW1604..					
2QP-VCMW1604..					
TBGN0601..-15-QBN					

Potential „Micro geometry“

- Sharp cutting edge

or

- Rounded

or

- Honed

or

- Honed and rounded

Optimized micro geometry for excellent machining performance

Would you care for economic machining?

Please do not hesitate to contact us! We will help you minimize costs.

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