

INITIAL PRODUCT RANGE

Other geometries are available as special request.

TURNING CBN INSERTS

DESIGNATION	ITEM #
CCGW 060202T1-01215 LT CBN55H	T0004991
CCGW 060204T1-01215 LT CBN55H	T0005389
CCGW 09T304T1-01215 LT CBN55H	T0005388
CCGW 09T308T1-01225 LT CBN55H	T0005387
CNGA 120404S2-01225 LT CBN55H	T0005386
CNGA 120404S2-01235 LT CBN70H	T0005385
CNGA 120408S2-01225 LT CBN55H	T0005384
CNGA 120408S2-01225 LT CBN90K	T0005435
CNGA 120408S2-01235 LT CBN70H	T0005436
CNGA 120412S2-01225 LT CBN55H	T0005437
CNGA 120412S2-01225 LT CBN90K	T0005456
DCGW 070202T1-01215 LT CBN55H	T0005429
DCGW 070204T1-01215 LT CBN55H	T0005430
DCGW 11T304T1-01215 LT CBN55H	T0005447
DCGW 11T308T1-01225 LT CBN55H	T0005448
DNGA 150404S2-01215 LT CBN55H	T0005449
DNGA 150408S2-01225 LT CBN55H	T0005450
DNGA 150604S2-01215 LT CBN55H	T0005451
DNGA 150608S2-01225 LT CBN55H	T0005452
DNGA 150608S2-01225 LT CBN90K	T0005459
DNGA 150608S2-01235 LT CBN70H	T0005453
DNGA 150612S2-01225 LT CBN55H	T0005454
DNGA 150612S2-01225 LT CBN90K	T0005460
SCGW 09T302T1-01215 LT CBN55H	T0005441
SCGW 09T304T1-01215 LT CBN55H	T0005442
SCGW 120404T1-01215 LT CBN55H	T0005443
SCGW 120408T1-01225 LT CBN55H	T0005444
SNGA 120404S4-01215 LT CBN55H	T0005445
SNGA 120408S4-01225 LT CBN55H	T0005446
SNGA 120408S4-01225 LT CBN90K	T0005461
SNGA 120408S4-01235 LT CBN70H	T0005422
SNGA 120412S4-01225 LT CBN55H	T0005398
SNGA 120412S4-01225 LT CBN90K	T0005462
TCGW 090202T1-01215 LT CBN55H	T0005390
TCGW 090204T1-01215 LT CBN55H	T0005391
TCGW 110204T1-01215 LT CBN55H	T0005392
TCGW 110208T1-01225 LT CBN55H	T0005393
TNGA 160404S3-01215 LT CBN55H	T0005394
TNGA 160408S3-01225 LT CBN55H	T0005395
TNGA 160408S3-01225 LT CBN90K	T0005457
TNGA 160408S3-01235 LT CBN70H	T0005396
TNGA 160412S3-01225 LT CBN55H	T0005397
TNGA 160412S3-01225 LT CBN90K	T0005458
VCGW 110302T1-01215 LT CBN55H	T0005418
VCGW 110304T1-01215 LT CBN55H	T0005419
VCGW 160404T1-01215 LT CBN55H	T0005420
VCGW 160408T1-01225 LT CBN55H	T0005421
VNGA 160404S2-01215 LT CBN55H	T0005406
VNGA 160408S2-01225 LT CBN55H	T0005407
VNGA 160408S2-01225 LT CBN90K	T0005463
VNGA 160408S2-01235 LT CBN70H	T0005408
VNGA 160412S2-01225 LT CBN55H	T0005409
VNGA 160412S2-01225 LT CBN90K	T0005464
WNGA 080404S3-01215 LT CBN55H	T0005410
WNGA 080408S3-01225 LT CBN55H	T0005411
WNGA 080408S3-01225 LT CBN90K	T0005465
WNGA 080408S3-01235 LT CBN70H	T0005412
WNGA 080412S3-01225 LT CBN55H	T0005413
WNGA 080412S3-01225 LT CBN90K	T0005466

TURNING CBN SOLID INSERTS

DESIGNATION	ITEM #
CNGN 120404S-01215 LT CBN90K	T0005438
CNGN 120408S-01225 LT CBN90K	T0005423
CNGN 120412S-01225 LT CBN90K	T0005424
SNGN 120404S-01215 LT CBN90K	T0005399
SNGN 120408S-01225 LT CBN90K	T0005400
SNGN 120412S-01225 LT CBN90K	T0005401
RNGN 120400S-01225 LT CBN90K	T0005439
RNGN 120700S-01225 LT CBN90K	T0005440

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CBN HARD TURNING

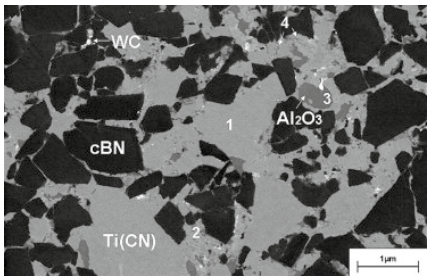


MAGIA PRO

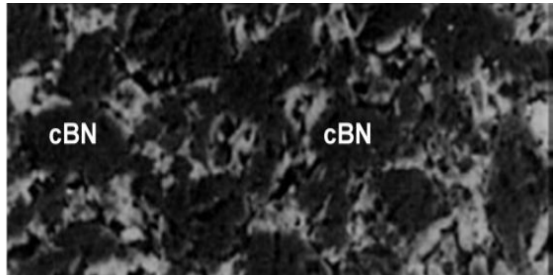
NEW CBN LINE

Lamina Technologies is proud to launch our new CBN line.

Cubic Boron Nitride, CBN, is the second hardest known material after diamond and combined with its chemical inertness towards iron it is very suitable for high speed machining of hard materials.



60% CBN



90% CBN

APPLICATION

- Finishing of hardened steels up to 68 HRC and super alloys **H** **S**
- Roughing and finishing of cast iron **K**

CBN BENEFITS

Longer tool life

Compared with Carbide and Ceramics inserts, the CBN provides more tool life.

Higher cutting speeds

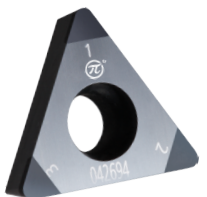
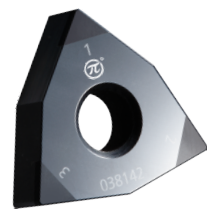
Due to the microstructure and higher hardness of the CBN, the applicable cutting speed for hardened materials (68 HRC) is up to 250 m/min.

Excellent surface finishing

Due to the peripheral grinding and the edge preparation profile, the insert will give a better surface finish.

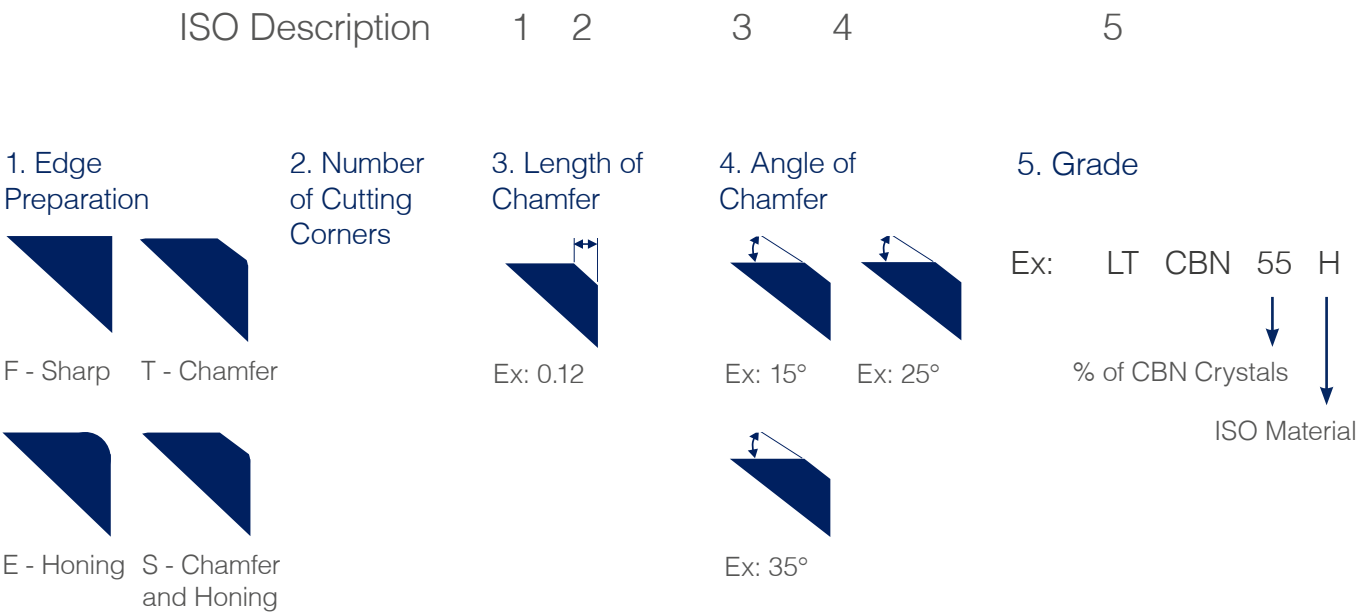
Dimensions stability

Due to the high thermal conductivity of CBN, the heat generated goes into the chips and not to the part. As a result the machined part has better dimensional stability.



DESIGNATION CODE

CNGA 120408 T 4 - 012 15 LT CBN55H



GRADE

