

MEGACOAT CBN



Extended
Tool Life

Improved
Stability

High Speed
Cutting

Kyocera's new innovative CBN tools.
CBN Variation and Features Ref. Page [A15](#)

Various edge preparations added to the high performance MEGACOAT CBN inserts

Turning Insert Identification System

C C M W 2 15 05 T00315 ME

Refer to [B2](#) for "Turning Indexable Inserts Identification System"

Insert Type	Part Number	Edge Prep.	Manufacture's Option	Cutting Edge Length	No. of Edges	Re-Grinding
Positive	CPGB321T00315	T00315	No Indication	Long	1	Possible
	CCMW21505MEF	F	MEF	Short (Small Edge)	2	Not Recommended
	CCMW21505T00315ME	T00315	ME		2	
	CCMW21515S00525MES	S00525	MES		2	
	CCMW21505T00315SE	T00315	SE		1	

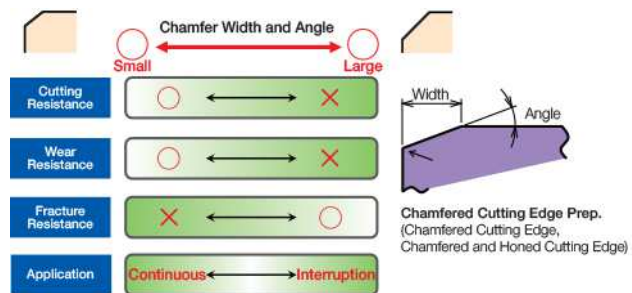
• Re-Grinding

- 1) Regrinding is possible for inserts without any indication in manufacturer's option. Regrinding may not be available depending on the edge condition.
- 2) Regrinding is not recommended for inserts with manufacturer's symbol like "ME" or "SE".

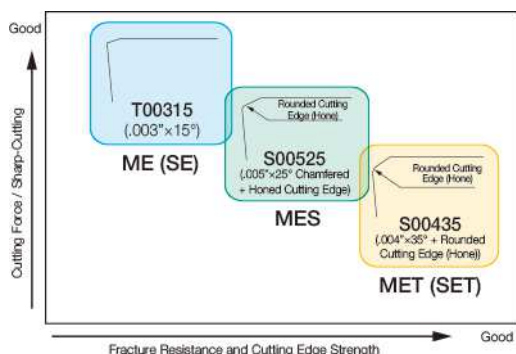
• How To Identify Edge Preparation

Edge Prep.				
Symbol	Cutting Edge Spec.	Example	Example	Shape
F	Sharp Edge	F	Sharp Edge	
E	Rounded Cutting Edge (Hone)	E003	R0.003" Honed	
T	Chamfered Cutting Edge	T00515	0.005" X 15° Chamfered Cutting Edge	
S	Chamfered and Honed Cutting Edge	S00525	0.005" X 25° Chamfered + Honed Cutting Edge	

• Features of Chamfer Width & Angle



• Standard Cutting Edge Prep. of Positive Inserts



Manufacturers Option	Cutting Edge Prep.	Application & Features
ME	T00315 0.003" X 15°	Chamfered Sharp cutting oriented, less burring
MES	T00515 0.005" X 25° + Rounded Cutting Edge (Hone)	General Purpose
MET	S00525 0.004" X 35° + Rounded Cutting Edge (Hone)	Interrupted Cutting Stable cutting oriented