



HIGH PRECISION  
MACHINES

CUTTING TOOLS | ABRASIVES

# NEW! CITCO CiBN577a CiBN™ HT Series PcBN cutting tools

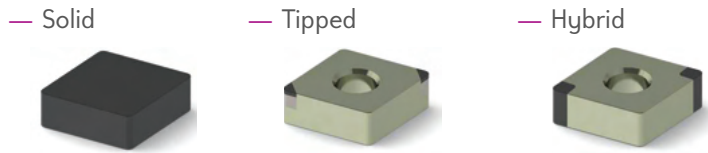


## Excellent performance in hard turning applications

- Continuous to interrupted applications
- Excellent toughness & wear resistance
- Increased tool life & increased production
- Optimized CBN grain size distribution
- Novel binder system

# “CITCO 577a, impeccable performance & extended tool life for a wide range of hard turning applications”

## CITCO CiBN577a AVAILABLE FORMATS:



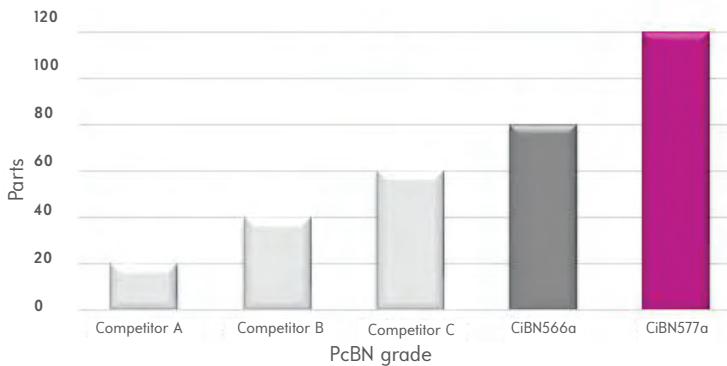
Fives designs and supplies custom engineered dressing tools that are expertly designed to fit each customer's unique requirement paired with application support and full range of services

## APPLICATION RANGE:



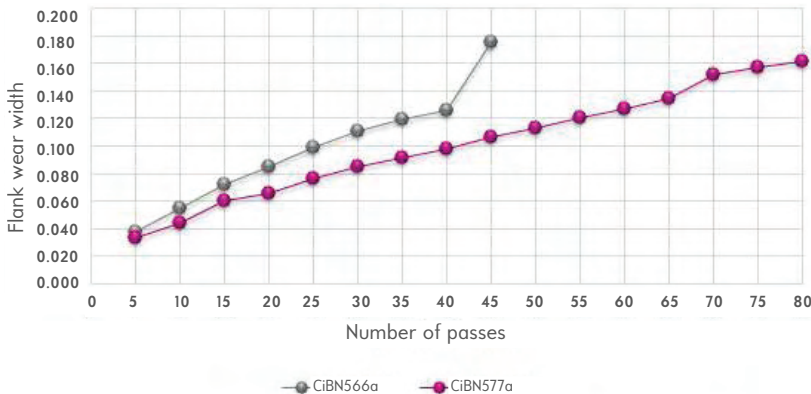
## CASE STUDIES:

### TOOL LIFE:



- Workpiece material: forged hardened steel 55-60 Rc
- Insert nomenclature: DNGA433
- Speed: 120 SMM | Feed: 0.180 mm/rev | DOC: 0.25 mm
- Cutting conditions: boring | continuous

### FLANK WEAR:



- Workpiece material: 52100 - 58 - 62 Rc
- Insert nomenclature: CNGA432
- Speed: 120 SMM | Feed: 0.150 mm/rev | DOC: 0.150 mm
- Cutting conditions: facing | interrupted / continuous



### CONTACT

Sales  
T +1 440 709 0700 FAX: +1 440 709 0710  
citcoinfo@fivesgroup.com

Fives Landis Corp. (CITCO Tools).  
7605 Discovery Lane - Concord Twp., OH 44077 - USA  
www.fivesgroup.com



fives  
Industry can do it