



**ISO Insert Styles:**

CNMG  
DNMG  
SNMG  
TNMG  
WNMG

**Insert Sizes:**

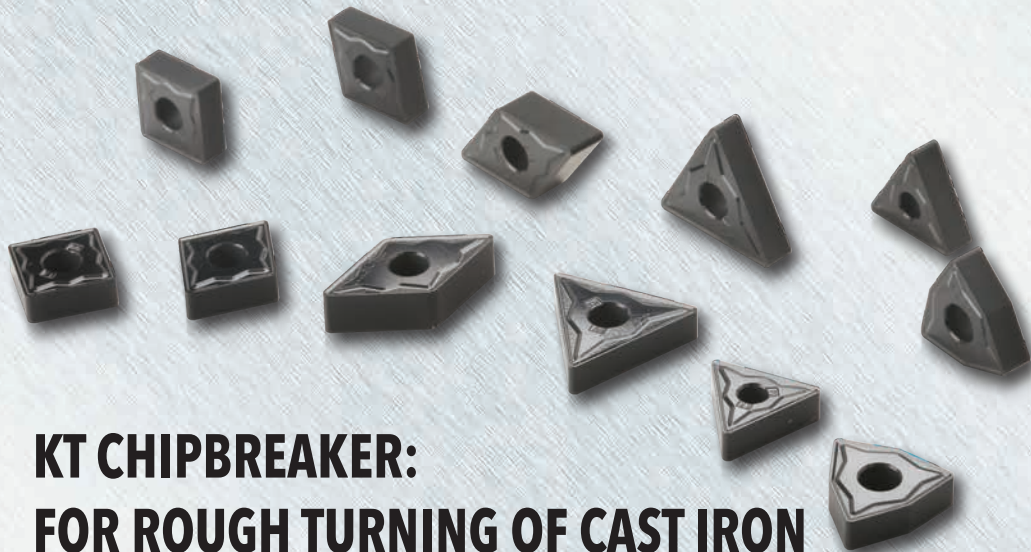
.500", .625", and .750" I.C.

**Grades:**

TT7005  
TT7015

**Geometry:**

Negative land on side of insert  
for maximum strength



## KT CHIPBREAKER: FOR ROUGH TURNING OF CAST IRON

Ingersoll introduces the KT chipbreaker, designed specifically for rough turning of cast iron.

With a broad supporting area for stable seating as well as a reinforced cutting edge featuring a strong T-land, the new "KT" chipbreaker guarantees reliable and uniform machining with excellent tool life for roughing and interrupted cutting conditions.

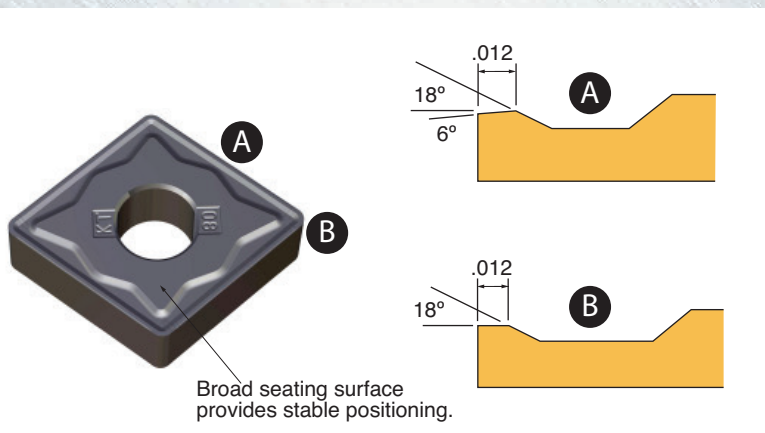
- Roughing applications on cast iron
- Stable broad supporting area
- Reliable & uniform performance
- Excellent tool-life for roughing and interrupted cutting conditions



## KT CHIPBREAKERS

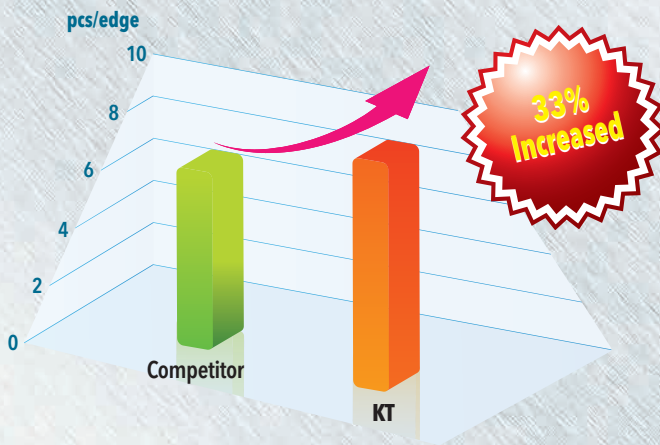
Insert	ANSI Number	ISO Number	feed (ipr)	DOC (inch)	Grade	TT7005	TT7015
	CNMG432KT	CNMG120408KT	0.007 - 0.021	0.015 - 0.276	•	•	
	CNMG433KT	CNMG120412KT	0.010 - 0.028	0.020 - 0.276	•	•	
	CNMG434KT	CNMG120416KT	0.011 - 0.033	0.030 - 0.276	•	•	
	CNMG543KT	CNMG160612KT	0.011 - 0.033	0.031 - 0.354	•	•	
	<b>NEW! CNMG544KT</b>	<b>CNMG160616KT</b>	<b>0.012 - 0.033</b>	<b>0.039 - .0354</b>	•	•	
	<b>NEW! CNMG643KT</b>	<b>CNMG190612KT</b>	<b>0.010 - 0.030</b>	<b>0.039 - .0551</b>	•	•	
<b>NEW! CNMG644KT</b>	<b>CNMG190616KT</b>	<b>0.012 - 0.033</b>	<b>0.059 - 0.551</b>	•	•		
	DNMG432KT	DNMG150408KT	0.007 - 0.019	0.015 - 0.276	•	•	
	DNMG442KT	DNMG150608KT	0.007 - 0.019	0.015 - 0.276	•	•	
	DNMG433KT	DNMG150412KT	0.009 - 0.025	0.020 - 0.276	•	•	
	DNMG443KT	DNMG150612KT	0.009 - 0.025	0.020 - 0.276	•	•	
	SNMG432KT	SNMG120408KT	0.007 - 0.021	0.015 - 0.276	•	•	
	SNMG433KT	SNMG120412KT	0.011 - 0.028	0.020 - 0.276	•	•	
	<b>NEW! SNMG434KT</b>	<b>SNMG120416KT</b>	<b>0.012 - 0.030</b>	<b>0.030 - 0.276</b>	•	•	
	<b>NEW! SNMG543KT</b>	<b>SNMG150612KT</b>	<b>0.012 - 0.030</b>	<b>0.024 - 0.335</b>	•	•	
	<b>NEW! SNMG544KT</b>	<b>SNMG150616KT</b>	<b>0.012 - 0.033</b>	<b>0.035 - 0.330</b>	•	•	
<b>NEW! SNMG644KT</b>	<b>SNMG190616KT</b>	<b>0.012 - 0.033</b>	<b>0.051 - 0.472</b>	•	•		
	TNMG332KT	TNMG160408KT	0.007 - 0.017	0.013 - 0.244	•	•	
	TNMG333KT	TNMG160412KT	0.008 - 0.022	0.018 - 0.248	•	•	
	TNMG432KT	TNMG220408KT	0.007 - 0.021	0.015 - 0.276	•	•	
	TNMG433KT	TNMG220412KT	0.010 - 0.028	0.020 - 0.276	•	•	
	WNMG432KT	WNMG080408KT	0.007 - 0.019	0.011 - 0.217	•	•	
	WNMG433KT	WNMG080412KT	0.009 - 0.025	0.015 - 0.217	•	•	
	<b>NEW! WNMG434KT</b>	<b>WNMG080416KT</b>	<b>0.010 - 0.024</b>	<b>0.020 - 0.217</b>	•	•	

## CROSS SECTION VIEW



## TEST RESULTS

Case Story 1	Competitor	Ingersoll
Workpiece	Carrier	
Material	Ductile cast iron	
Cutting speed (V)	690 sfm	
Feedrate (f)	0.008" ~ 0.011" ipr	
Depth of cut (ap)	0.040"	
Operation	Int, facing & Interrupted, Wet	
<b>Tool-life</b>	<b>CNMG 432 K15 Grade 6pcs/edge</b>	<b>CNMG 432 KT TT7015 8pcs/edge</b>



Case Story 2	Competitor	Ingersoll
Workpiece	Clutch	
Material	Ductile cast iron	
Cutting speed (V)	1730 sfm	
Feedrate (f)	0.004" ~ 0.007" ipr	
Depth of cut (ap)	.100"	
Operation	Facing & Interrupted, Dry	
<b>Tool-life</b>	<b>CNMG 432 K15 Grade 2pcs/edge</b>	<b>CNMG 432 KT TT7015 5pcs/edge</b>

