



ISO Insert Styles:

CNMG
DNMG
SNMG
TNMG
WNMG

Insert Sizes:

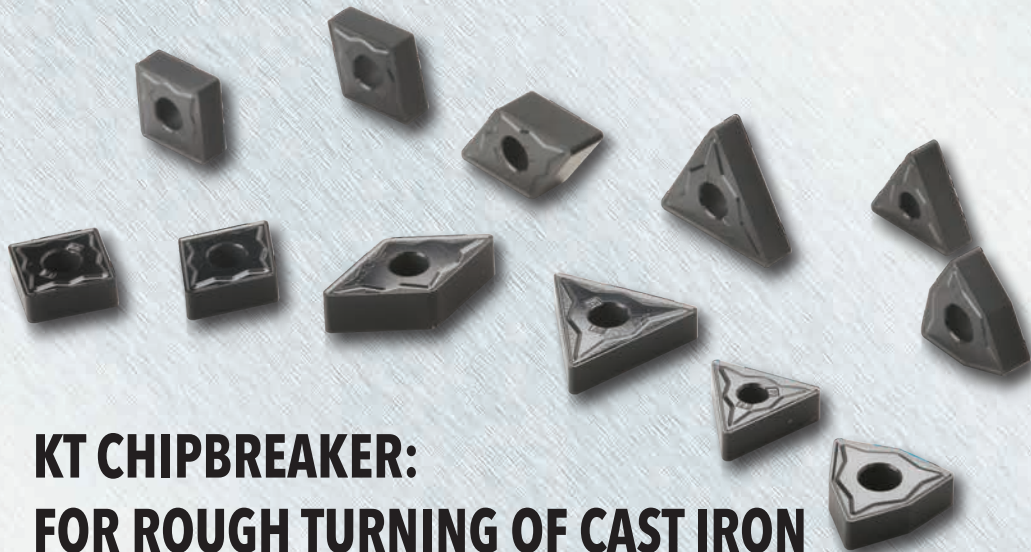
.500", .625", and .750" I.C.

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.

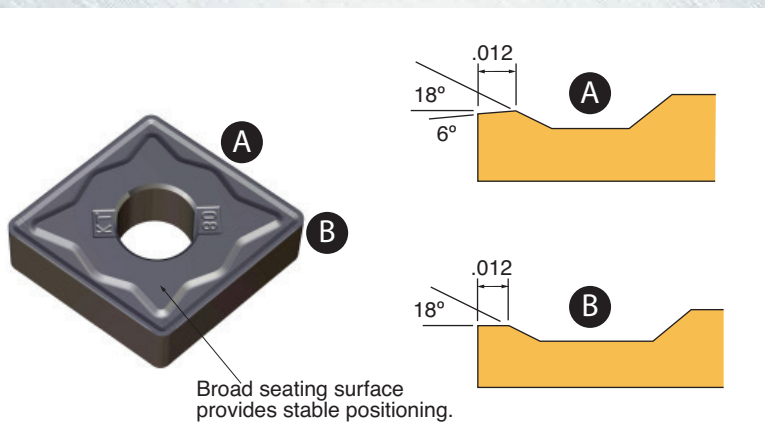
- Roughing applications on cast iron
- Stable broad supporting area
- Reliable & uniform performance
- Excellent tool-life for roughing and interrupted cutting conditions



KT CHIPBREAKERS

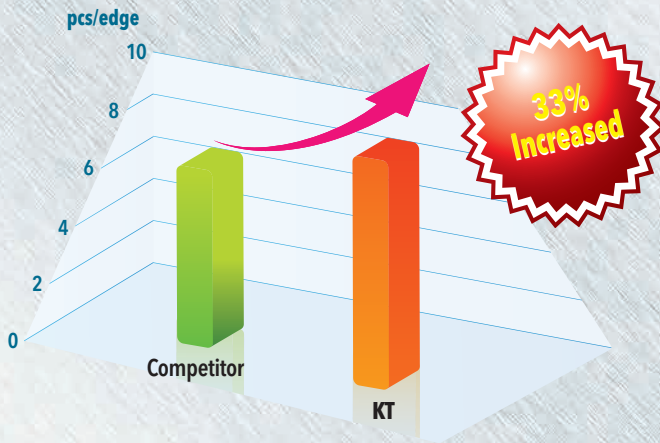
Insert	ANSI Number	ISO Number	feed (ipr)	DOC (inch)	Grade	TT7005	TT7015
	CNMG432KT	CNMG120408KT	0.007 - 0.021	0.015 - 0.276	•	•	
	CNMG433KT	CNMG120412KT	0.010 - 0.028	0.020 - 0.276	•	•	
	CNMG434KT	CNMG120416KT	0.011 - 0.033	0.030 - 0.276	•	•	
	CNMG543KT	CNMG160612KT	0.011 - 0.033	0.031 - 0.354	•	•	
	NEW! CNMG544KT	CNMG160616KT	0.012 - 0.033	0.039 - .0354	•	•	
	NEW! CNMG643KT	CNMG190612KT	0.010 - 0.030	0.039 - .0551	•	•	
NEW! CNMG644KT	CNMG190616KT	0.012 - 0.033	0.059 - 0.551	•	•		
	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	•	•	
	NEW! SNMG434KT	SNMG120416KT	0.012 - 0.030	0.030 - 0.276	•	•	
	NEW! SNMG543KT	SNMG150612KT	0.012 - 0.030	0.024 - 0.335	•	•	
	NEW! SNMG544KT	SNMG150616KT	0.012 - 0.033	0.035 - 0.330	•	•	
	NEW! SNMG644KT	SNMG190616KT	0.012 - 0.033	0.051 - 0.472	•	•	
	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	•	•	
	NEW! WNMG434KT	WNMG080416KT	0.010 - 0.024	0.020 - 0.217	•	•	

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	
Tool-life	CNMG 432 K15 Grade 6pcs/edge	CNMG 432 KT TT7015 8pcs/edge



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	
Tool-life	CNMG 432 K15 Grade 2pcs/edge	CNMG 432 KT TT7015 5pcs/edge

