

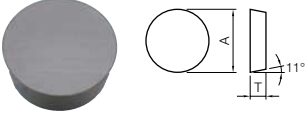
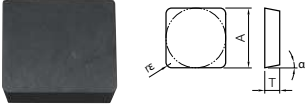
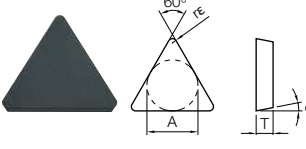
# CERAMIC TURNING INSERTS (POSITIVE)

How to read this page **B13**

## Positive Positive Insert

Part Number	A	T	α
RPG 32_	3/8	1/8	11°
RPG 43_	1/2	3/16	
SPG 32_	3/8	1/8	
SPG 42_	1/2	1/8	

Part Number	A	T	α
TBG 121_	5/32	1/16	5°
TCG 33_	3/8	3/16	7°
TPG 1815_	7/32	3/32	11°
TPG 22_	1/4	1/8	
TPG 32_	3/8	1/8	

Edge Prep.				Material												Toolholder Page					
Symbol	Cutting Edge Spec.	Example		Material																	
S	Chamfered and Honed Cutting Edge	S00525	0.005° X 25° Chamfered and Honed Cutting Edge	Gray Cast Iron (With Scale) Gray Cast Iron (Without Scale) Nodular Cast Iron (With Scale) Nodular Cast Iron (Without Scale)												K					
T	Chamfered Cutting Edge	T00315	0.003° X 15° Chamfered Cutting Edge	Heat-resistant Alloys													S				
				Hard Materials												H					
Insert	ANSI Part Number	*Edge Prep (in)	ISO Part Number	Corner Radius (in) rε	Material												Toolholder Page				
					Aluminum Oxide Ceramic	PVD Coated Ceramic	MEGACOAT Ceramic	Silicon Nitride Coated Ceramic	CVD Coated Silicon Nitride Ceramic	SiAlON Ceramic	Honeycomb Structure Ceramic	KA30	A65	KT66	A66N	PT600M		KS6050	CST050	KS6030	KS6040
	RPG 32E001	E001	RPGN 090300E003	-																.	
	32E002	E002	090300E005	-																	
	32T00420	T00420	090300T01020	-																	
	RPG 43E001	E001	RPGN 120400E003	-																	
	43E002	E002	120400E005	-																	
	SPG 322T00320AA	T00320AA	SPGN 090308S00820	1/32																E42 F70	
	SPG 322T00320	T00320	SPGN 090308T00820	1/32																	
	SPG 422T00320	T00320	SPGN 120308T00820	1/32																	
	423T00320	T00320	120312T00820	3/64																	
	TBG 12105T00320AA	T00320AA	TBGN 060102S00820	0.008																.	
	1211T00320AA		TBGN 060104S00820	1/64																	
	1212T00320AA		TBGN 060108S00820	1/32																	
	TCG 331T00320	T00320	TCGN 160404T00820	1/64																	
	332T00320		TCGN 160408T00820	1/32																	
	TPG 18151T00320	T00320	TPGN 090204T00820	1/64																	
	18152T00320		TPGN 090208T00820	1/32																	
	TPG 2205T00320AA	T00320AA	TPGN 110302S00820	0.008																	
	TPG 221T00320AA		TPGN 110304S00820	1/64																	
	222T00320AA		TPGN 110308S00820	1/32																	
	TPG 221T00320	T00320AA	TPGN 110304T00820	1/64																	
	222T00320		TPGN 110308T00820	1/32																	
	TPG 321T00320AA	T00320AA	TPGN 160304S00820	1/64																	
322T00320AA	TPGN 160308S00820		1/32																		
323T00320AA	TPGN 160312S00820		3/64																		
TPG 3205T00320	T00320	TPG 160302T00820	0.008																		
321T00320		TPG 160304T00820	1/64																		
322T00320		TPG 160308T00820	1/32																		
323T00320		TPG 160312T00820	3/64																		

\* For cutting edge "E", please refer to the table below.

Edge Prep.			
Symbol	Cutting Edge Spec.	Example	
E	R-honed Cutting Edge	E002	R0.002" Honed

GRADES A  
INSERTS B  
CBN & POD C  
TOOLHOLDERS D  
SMALL TOOLS E  
BORING F  
GROOVING G  
CUT-OFF H  
THREADING J  
HSK TOOLING N  
SPARE PARTS P  
TECHNICAL R  
INDEX T