

# Turning Indexable Inserts

## 60° Triangle / Negative

(mm)

Description	A	T	ød
TNGA 1604	9.525	4.76	3.81
TNGN 1103	6.35	3.18	-
TNGN 1604	9.525	4.76	-
1607		7.94	

B



Insert (Turning)

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Edge Specification				Classification of usage ✂: Interruption / 1st Choice ✂: Interruption / 2nd Choice ●: Light Interruption / 1st Choice ○: Light Interruption / 2nd Choice ●: Continuous / 1st Choice ○: Continuous / 2nd Choice	Material Compatibility										Ref. Page for Toolholder
Symbol	Cutting Edge Condition	Example			K	S	H	Alumina Ceramic	PVD Coated Ceramic	MEGACOAT Ceramic	Silicon Nitride Ceramic	SiC Coated Silicon Nitride Ceramic	Cell Fiber		
S	Chamfered and Honed Cutting Edge	S01525	0.15mm X 25° Chamfered and Honed Cutting Edge	●											
T	Chamfered Cutting Edge	T01525	0.15mm X 25° Chamfered Cutting Edge												
Insert	Description	(Previous Description)	Edge Preparation	Dim. (mm)	Alumina Ceramic		PVD Coated Ceramic	MEGACOAT Ceramic	Silicon Nitride Ceramic	SiC Coated Silicon Nitride Ceramic	Cell Fiber				
					γE	KA30							A65	A6N	PT600M
	TNGA 160408S01025	TNGA 160408	S01025	0.8	●										
	TNGA 160404S01525	TNGA 160404	S01525	0.4			●								
	160408S01525	160408		0.8			●								
	160412S01525	160412		1.2			●								
	TNGA 160404S02025	-	S02025	0.4				●							
	160408S02025	-		0.8				●							
	160412S02025	-		1.2				●							
	TNGA 160408S03030	TNGA 160408-T30	S03030	0.8				●							
	160412S03030	160412-T30		1.2				●							
	TNGA 160408T00520	TNGA 160408-T05	T00520	0.8	●										
	TNGA 160404T01525	TNGA 160404T01525	T01525	0.4				●							
	160408T01525	160408T01525		0.8				●							
	160412T01525	160412T01525		1.2				●							
	TNGA 160404T02025	TNGA 160404	T02025	0.4		●			●						
	160408T02025	160408		0.8		●			●	●					
160412T02025	160412	1.2						●	●						
	TNGN 110308S00520	TNGN 110308	S00520	0.8				●							
	TNGN 110304T00520	TNGN 110304	T00520	0.4		●			●						
	110308T00520	110308		0.8		●			●						
	110312T00520	110312		1.2		●			●						
	TNGN 110304T01525	TNGN 110304T01525	T01525	0.4				□							
	110308T01525	110308T01525		0.8				□							
	110312T01525	110312T01525		1.2				□							
	TNGN 160404S01025	TNGN 160404	S01025	0.4	●										
	160408S01025	160408		0.8	●										
	160412S01025	160412		1.2	●										
	160416S01025	160416		1.6	●										
	160420S01025	160420		2.0	●										
	TNGN 160404S01525	TNGN 160404	S01525	0.4				●							
	160408S01525	160408		0.8				●							
	160412S01525	160412		1.2				●							
	TNGN 160404S02025	-	S02025	0.4					●						
	160408S02025	-		0.8					●						
	160412S02025	-		1.2					●						
	TNGN 160404T00520	TNGN 160404-T05	T00520	0.4	□	●									
	160408T00520	160408-T05		0.8	●	●									
	160412T00520	160412-T05		1.2	●										
160416T00520	160416-T05	1.6		□											
160420T00520	160420-T05	2.0		□											
TNGN 160404T02025	TNGN 160404	T02025	0.4		●			●							
160408T02025	160408		0.8		●			●	●						
160412T02025	160412		1.2		●			●							