

# TAC Inserts, Negative

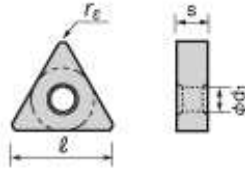
2

TAC Inserts

Triangular, with hole

60° Negative

TN □ □



**TNMA 16 04 04**

Cutting edge length( $l$ ) Thickness( $s$ ) Corner radius( $r_e$ )

$\phi d_1$	1103 □ □	1603 □ □	1604 □ □	2204 □ □
TN □ □	2.26	3.81	3.81	5.16

Application	Chipbreaker	Appearance (Cross section)	$f$ - $a_p$	Insert Cat. No.	Stocked grades												Applicable toolholders (pages)									
					Coated						Coated cermet	Cermet		Uncoated		Ceramics										
					T9005	T6020	T6030	T5105	T5115	T5125	T5010	T5020	GH110	GT720	GT730	NS710		NS730	NS520	NS530	TH03	TH10	TU10	FX105	LX21	LX11
Finishing to medium cutting	- (M)			TNMA160404	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	TAC toolholders (4-20,4-36, 4-39,4-49) TAC boring toolholders (5-32,5-39, 5-43) Tooling Systems (12-30,12-31, 12-36,12-50)	
				TNMA160408	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA160412	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA160416	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA160420	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA220404	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA220408	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNMA220412	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
	TNMA220416	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
	- (G)			TNGA110304																						
				TNGA110308																						
				TNGA160304																						
				TNGA160308																						
				TNGA160404								●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNGA160408								●	●	●	●	●	●	●	●	●	●	●	●	●		●
				TNGA160412								●	●	●	●	●	●	●	●	●	●	●	●	●		●
TNGA160416																										
TNGA220408																										

● : Stocked in Japan.  
▲ : Will be replaced by new products.