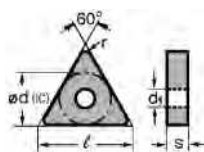


TNMM neg. Inserts for Heavy Roughing

TRIANGLE TYPE INSERTS FOR TURNING

60° Triangle Type 0° Relief
With Insert Hole



Dimensions (mm)				
TNMM	l	ød (IC)	s	d ₁
1604--	16,5	9,525	4,76	3,81
2204--	22,0	12,7	4,76	5,16



⇒ D22-23

⇒ E12

- P** Steel
- M** Stainless Steel
- K** Cast Iron
- N** Non-Ferrous Metals
- S** Super Alloy
- H** Hardened Steel

TNMM

● M-Class One Sided Bumpy Chipbreaker

Application	Shape	ISO Cat. No.	r	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	T15	T20	T30	T10	T15	G1	EH	EH	H
Heavy Roughing		TNMM 160408 NMP	0,8	●	●	●	▲	▲					●													
		TNMM 160412 NMP	1,2	○	●	●	▲	▲					●													
		TNMM 160416 NMP	1,6		●		▲	▲																		
Heavy Roughing		TNMM 220408 NMP	0,8	○	●	●	▲	▲					●													
		TNMM 220412 NMP	1,2	○	●	●	▲	▲					●													
		TNMM 220416 NMP	1,6	○	●	●	▲	▲					●													
Heavy Roughing		TNMM 160408 NHP	0,8																							
		TNMM 160412 NHP	1,2			○																				
		TNMM 220412 NHP	1,2			○																				
Heavy Roughing		TNMM 220416 NHP	1,6			○																				

- = Euro stock
- = Stock item in Japan
- ▲ = To be replaced by new item