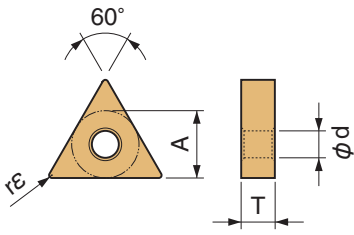


(mm)

60°Triangle • Negative with Hole

Description	A	T	ød
TN_1103_	6.35	3.18	2.26
TN_1104_	6.35	4.76	2.26

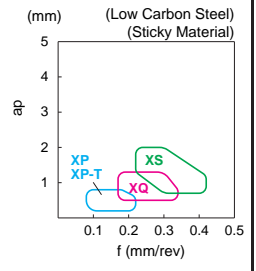
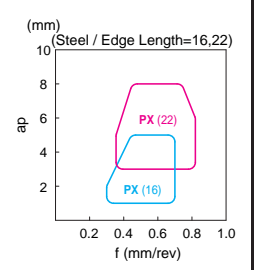
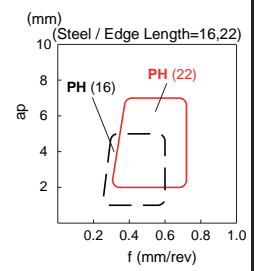
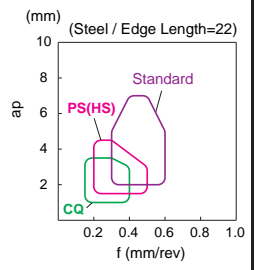
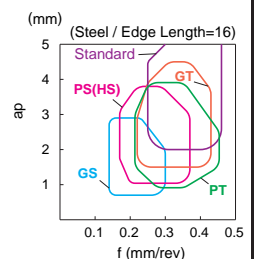
Description	A	T	ød
TN_1603_	9.525	3.18	3.81
TN_1604_	9.525	4.76	3.81
TN_2204_	12.70	4.76	5.16



P	M	K	N	S	H	Free-cutting steel	Carbon Steel and Alloy Steel	Stainless Steel	Gray Cast Iron	Nodular Cast Iron	Non-ferrous Metals	Heat-resistant alloy	Titanium Alloy	Hard Materials
○		●	○	○										

Classification of usage
 ●: Interruption / 1st Choice
 ○: Interruption / 2nd Choice
 ●: Light Interruption / 1st Choice
 ○: Light Interruption / 2nd Choice
 ●: Continuous / 1st Choice
 ○: Continuous / 2nd Choice
 (In case hardness is under 45HRC)

Insert	Description	Dim. (mm)	Material														Applicable Chipbreaker Range									
			Cermet	PVD Cermet	CVD Coated Carbide						PVD Coated Carbide			Carbide	Ref. Page for Toolholder											
			TK6010	TN6020	TN60	PV7005	PV7010	PV7020	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525		CA4010	CA4115	CA4120	CA4505	CA4515	PR930	PR1005	PR1025	PR1125	KW10	D14 D15 F43 F68
Medium-Roughing	TNMG 160404HS 160408HS 160412HS	0.4	●	●			●	●	●	●																
		0.8	●	●			●	●	●	●																
		1.2	●	●			●	●	●	●																
Medium-Roughing / High Feed	TNMG 220404HS 220408HS 220412HS	0.4		●					●																	D14
		0.8		●																						
Medium-Roughing / High Feed	TNMG 160408PT 160412PT	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Medium-Roughing / High Feed	TNMG 160408GT 160412GT	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Medium-Roughing / High Feed	TNMG 160408HT 160412HT	0.8		●					●	●	●	●	●	●												D14
		1.2		●					●	●	●	●	●	●												
Roughing	TNMG 160404 160408 160412 160416 160420	0.4	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	D14
		0.8	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	
Roughing	TNMG 220404 220408 220412 220416	0.4		●				●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○		D14
		0.8		●				●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○		
Roughing	TNMG 160408PH 160412PH	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Medium-Roughing	TNMG 220408PH 220412PH 220416PH	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Single Sided / Roughing	TNMM 160408PX 160412PX	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Single Sided / Roughing	TNMM 220408PX 220412PX 220416PX	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
High Feed	TNMM 220416PX	0.8							●	●	●	●	●	●												D14
		1.2							●	●	●	●	●	●												
Low Carbon Steel	TNMG 160404XP 160408XP	0.4	●	●				●	●	●	●	●	●	●												D14
		0.8	●	●				●	●	●	●	●	●	●												
Finishing	TNMG 160404XP-T 160408XP-T	0.4		●					●	●	●	●	●	●												D14
		0.8		●					●	●	●	●	●	●												
Finishing / Tough Edge	TNMG 160404XP-T 160408XP-T	0.4		●					●	●	●	●	●	●												D14
		0.8		●					●	●	●	●	●	●												



B



Negative

C

D

R

S

T

V

W

Insert (Turning)

For grades { TN30 PV60 PR905 } , See Page B42~B43
 { PV30 PV90 PR915 }

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only) www.kyocera-tools.ru

Inserts are sold in 10 piece boxes.

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