

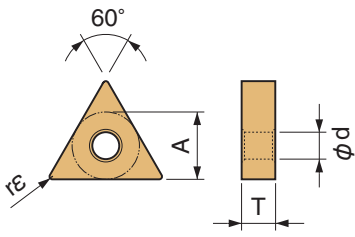
(mm)

(mm)

60°Triangle • Negative with Hole

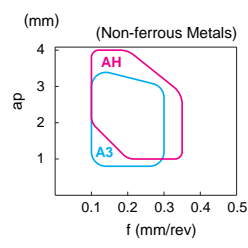
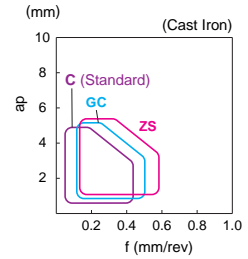
Description	A	T	ød
TN_1103_	6.35	3.18	2.26
TN_1104_	6.35	4.76	2.26

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														
Handed Insert shows Right-hand		ød	TN6010	TN6020	TN60	PV7005	PV7010	PV7020	CA5505	CA5515	CA5525	CA5535	CA6515	CA6525	CA4010	CA4115	CA4120	CA4505	CA4515	PR930	PR1005	PR1025	PR1125	KW10	Ref. Page for Toolholder			
Cast Iron	TNMG 160404C 160408C 160412C Roughing	0.4																								D14 D15 F43 F68		
		0.8																										
		1.2																										
Cast Iron	TNMG 160408ZS 160412ZS Roughing	0.8																								D14 D15 F43 F68		
		1.2																										
		0.8	TNMG 160408GC 160412GC Roughing																									
				1.2																								
				2.0																								
Cast Iron	TNGA 110304 110308 TNGA 160404 160408 TNMA 160404 160408 160412 160416 160420 TNMA 220408 Without Chipbreaker	0.4																								D14 D14 D15 F43 F68 D14		
		0.8																										
		0.4																										
		0.8																										
		0.8																										
Cast Iron	TNGN 160308 160312 TNMN 220408 Without Hole Without Chipbreaker	0.8																								-		
		1.2																										
Non-ferrous Metals	TNGG 160404 ^{B/L} -A3 160408 ^{B/L} -A3 Finishing-Medium / Sharp Edge	0.4																								D14 D15 F43 F68		
		0.8																										
		0.4																										
Non-ferrous Metals	TNGG 160404AH 160408AH Medium-Roughing / Sharp Edge	0.4																								D14 D15 F43 F68		
		0.8																										
Non-ferrous Metals	TNMG 160404AH 160408AH Medium-Roughing / With Honing	0.4																										



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.