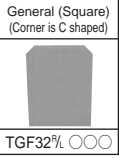



Applicable Inserts

Description (mm)				P	M	K	N	S	H	Classification of usage							Applicable Toolholder	Ref. Page for Toolholder	
Description	A	T	ød	Carbon Steel / Alloy Steel	Stainless Steel	Cast Iron	Non-ferrous Metals	Titanium Alloy	Hard materials (under 40HRC)	Hard materials (over 40HRC)	●	○	●	○	●	○			●
TGF32_	9.525	3.18	4.5																
TGF32 ^{R/L} .325	9.525	3.40	4.5																
TGF32 ^{R/L} .315-SRC	9.525	3.40	4.5																

Insert R-hand shown	Description	Dimension (mm)			Cermet				PVD Coated Carbide			Carbide		PCD		Applicable Toolholder	Ref. Page for Toolholder
		W	B	C or r _e	TN60	TN90	TC40	TC60	PR630	PR930	PR1115	KW10	KPD001	KPD010			
  TGF32 ^{R/L} S000-S type Edge Width Tolerance $W: \pm 0.08$ TGF32 ^{R/L} S000-SRG type Edge Width Tolerance $W: \pm 0.05$ For Circlip Grooves (DIN 471 / 472)	TGF32 ^{R/L} .033	0.33	0.8							R						KTGF ^{R/L} ...16F KTGF ^{R/L} ...16 S...KTGFL16	G16
	050	0.50	1.2	C0.05	●	□				●	●						
	060	0.60			●												
	075	0.75			●	□				●	●						
	080	0.80			●												
	090	0.90			●												
	095	0.95			●	□				●	●						
	100	1.00			●	□				●	●						
	120	1.20		2.0	●					●	●						
	125	1.25			●	□						●					
	130	1.30			●												
	140	1.40			●												
	145	1.45			●	□				●	●						
	150	1.50			●	□				●	●						
	170	1.70			●												
	175	1.75			●	□				●	●						
	185	1.85			●												
	190	1.90			●												
	200	2.00		2.5	●	□				●	●						
	225	2.25			●												
	250	2.50			●	□				●	●						
	275	2.75			●												
	300	3.00		3.0	0.2												
	325	3.25															
		TGF32 ^{R/L} .033-005	0.33	0.8	0.05						R	R	R				
	050-005	0.50	1.2							●	●	R					
	075-010	0.75								●	●	R					
	095-010	0.95								●	●	R					
	100-010	1.00								●	●	R					
	120-010	1.20															
	125-010	1.25		2.0						●	●	R					
	140-010	1.40															
	145-010	1.45								●	●	R					
	150-010	1.50								●	●	R					
	175-010	1.75								●	●	R					
	200-010	2.00		2.5						●	●	R					
	250-010	2.50								●	●	R					
	TGF32 ^{R/L} S090-S	0.90			●												
	110-S	1.10		2.0	C0.05												
	130-S	1.30															
	160-S	1.60															
	185-S	1.85		2.5													
	TGF32 ^{R/L} S080-SRG	0.87			●												
	090-SRG	0.97															
	100-SRG	1.07															
	110-SRG	1.24		2.0													
	130-SRG	1.44															
	160-SRG	1.74															
	185-SRG	1.99		2.5													
	215-SRG	2.29															
	265-SRG	2.79															
	315-SRG	3.29		3.0													
	TGF32 ^{R/L} .125	1.25		2.0	C0.1												
	150	1.50															
	200	2.00		2.5													
	TGF32 ^{R/L} .125-010	1.25		2.0	0.1								R				
	150-010	1.50											R				
	200-010	2.00		2.5									R				

• Dimension B shows available grooving depth.

For recommended cutting conditions, see page **G90**

Inserts are sold in 10 piece boxes.

CBN & PCD Inserts are sold in 1 piece boxes.

● : Std. Item □ : Check Availability
 R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

