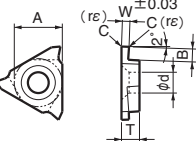


External Shallow Grooving Toolholders [TGF Insert]

Applicable Inserts

Applicable Inserts																Classification of usage			
				P	Carbon Steel / Alloy Steel													● : Continuous-Light Interruption / 1st Choice	
				M	Stainless Steel													☺ : Continuous-Light Interruption / 2nd Choice	
				K	Cast Iron													● : Continuous / 1st Choice	
				N	Non-ferrous Metals													○ : Continuous / 2nd Choice	
				S	Titanium Alloy														
				H	Hard materials (under 40HRC)														
					Hard materials (over 40HRC)														
Insert		Description	Dimension (mm)			Cermet				PVD Coated Carbide		Carbide	PCD		Applicable Toolholder	Ref. Page for Toolholder			
			W	B	C or rε	TN60	TN90	TC40	TC60	PR630	PR930	PR1115	KW10	KPD001			KPD010		
General (Square) (Corner is C shape) TGF32^β/_L 0000  General (Square) (Corner is R shape) TGF32^β/_L 0000 - 0000  TGF32^β/_L S 0000-S type Edge Width Tolerance W^{±0.06}_{0.06} TGF32^β/_L S 0000-SRG type Edge Width Tolerance W^{±0.05}_{0.05} For Circlip Grooves (DIN 471 / 472)  125-150 S=1.7 200 S=1.9	TGF32 ^β / _L 033	0.33	0.8	C0.05	●	R				R	●								
	050	0.50	1.2		●						●		●						
	060	0.60			●		●												
	075	0.75			●						●		●						
	080	0.80			●														
	090	0.90			●														
	095	0.95				R					●		●						
	100	1.00			●	●					●			●					
	120	1.20			●						●								
	125	1.25	2.0		●	●					●		●						
	130	1.30			●														
	140	1.40			●						●								
	145	1.45				R					●		●						
	150	1.50			●	R					●		●		●				
	170	1.70		●						●									
	175	1.75			R					●		●							
	185	1.85								●									
	190	1.90		●															
	200	2.00	2.5	●	R					●		●		●					
	225	2.25		●															
	250	2.50		●	R							●		●					
	275	2.75		●						●									
	300	3.00	3.0	0.2	●					●									
	325	3.25			●					●									
	TGF32 ^β / _L 033-005	0.33	0.8	0.05							R	R	R						
	050-005	0.50	1.2				R				●	●	R						
	075-010	0.75					R				●	●	R						
	095-010	0.95					R				●	●	R						
	100-010	1.00					R				●	●	R						
	125-010	1.25	2.0				R				●	●	R						
	145-010	1.45					R				●	●	R						
	150-010	1.50					R				●	●	R						
	175-010	1.75					R				●	●	R						
	200-010	2.00	2.5				R				●	●	R						
	250-010	2.50					R				●	●	R						
	TGF32 ^β / _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 ^β / _L S080-SRG	0.87			●														
	090-SRG	0.97			●														
	100-SRG	1.07			●														
	110-SRG	1.24			●														
	130-SRG	1.44			●														
	160-SRG	1.74			●														
	185-SRG	1.99	2.5		●														
	215-SRG	2.29			●														
	265-SRG	2.79	3.0		●														
	315-SRG	3.29			●														
TGF32 ^β / _L 125	1.25	2.0	C0.1												R	R			
150	1.50														R	R			
200	2.00	2.5													R	R			
TGF32 ^β / _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 **G73**

Inserts are sold
in 10 piece boxes.

CBN & PCD Inserts are sold
in 1 piece boxes.

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www.kyocera-tools.ru

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