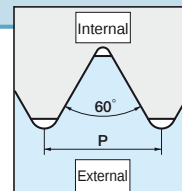
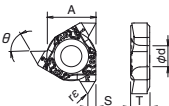
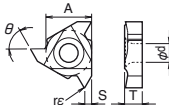
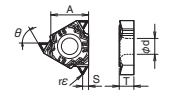


Threading Inserts



External Threading Inserts

● 60°Type [Partial Profile / M, UN]

Partial Profile60°					(mm)				P	Carbon Steel / Alloy Steel								Ref. Page for Depth of Cut & Number of Passes	
Description	Previous Description	A	T	ød	Classification of usage ● : 1st Choice ○ : 2nd Choice	M	Stainless Steel												
16E ^{R/L} / _L	TNN32E ^{R/L} / _L	9.525	3.68	4.0		K	Cast Iron									●	○		
22E ^{R/L} / _L	TNN43E ^{R/L} / _L	12.70	4.9	4.85		N	Non-ferrous Metals									●	○		
Insert		Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet	PVD Coated Carbide				Carbide					
				M	UN UNF	rε	S	θ	TC60	PR630		PR930		PR1115		GW15		KW10	
				Pitch					R	L	R	L	R	L	R	L	R	L	R
				mm	TPI														
Partial Profile			16E ^{R/L} A60-TF	-	0.5~1.5	48~16	0.06	1.00	60°						●				J31 J32
			G60-TF		1.75~3	14~8	0.22	1.60							●				
			AG60-TF		0.5~3	48~8	0.06	1.60							●				
			16E ^{R/L} A60	-	0.5~1.5	48~16	0.06	1.00	60°							●			J31 J32
			G60		1.75~3	14~8	0.22	1.60								●			
			AG60		0.5~3	48~8	0.06	1.60								●			
			22E ^{R/L} N60		3.5~5	7~5	0.48	2.50							●	●			
			16E ^{R/L} 6001		TNN32E ^{R/L} 6001	1.0~2.5	24~11	0.10		1.50	●			●				●	
			6002		6002	1.5~2.5	16~11	0.20		1.50	●			●				●	
			16E ^{R/L} 6001-TS	TNN32E ^{R/L} 6001-TS	1.0~2.5	24~11	0.09	1.50	60°						●				J35
			6002-TS	6002-TS	1.5~2.5	16~11	0.19	1.50							●				
1-Thread, With Chipbreaker																			

For recommended cutting conditions, see page **J29**

● Applicable Toolholder

Description	Applicable Toolholder	Ref. Page for Toolholder
16ER ...	KTNR...16 KTNSR...16	J16
22ER ...	KTNR...22	

Applicable Thread	M: Metric	R, Rc (PT), (BSPT): Tapered Pipe
	UN: Unified	W: Whitworth
	UNF: Unified Fine Thread	NPT: American National Pipe
	G (PF): Parallel Pipe	Tr: 30°Trapezoidal

● : Std. Item ○ : Check Availability

R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)