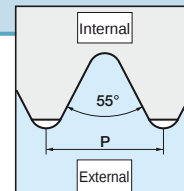


Threading Inserts

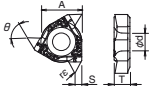
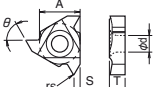


External Threading Inserts

- 55°Type [Partial Profile / G (PF) R (PT, BSPT) (W)]

Partial Profile 55°

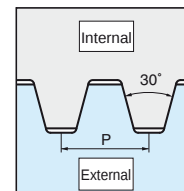
(mm)

Partial Profile 55°					(mm)		Classification of usage ● : 1st Choice ○ : 2nd Choice		P		Carbon Steel / Alloy Steel										Ref. Page for Depth of Cut & Number of Passes
Description		Previous Description		A	T	ød			M	Stainless Steel											
16E ^{R/L}		TNN32E ^{R/L}		9.525	3.68	4.0			K	Cast Iron											
22E ^{R/L}		TNN43E ^{R/L}		12.70	4.9	4.85			N	Non-ferrous Metals											
Insert Handed Insert shows Right-hand			Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet	PVD Coated Carbide						Carbide				
					G(PF) R(PT)	W	rε	S	θ	TC60	PR630	PR930	PR1115	GW15	KW10						
																Pitch					
					TPI	R	L	R	L	R	L	R	L	R	L	R	L	R	L		
Partial Profile			16E ^{R/L} A55-TF	-	28, 19	48-16	0.06	1.00	55°							●					
			G55-TF		14, 11	14-8	0.22	1.60								●					
			AG55-TF		28-11	48-8	0.06	1.60								●					
			16E ^{R/L} A55	-	28, 19	48-16	0.06	1.00	55°								●				
			G55		14, 11	14-8	0.22	1.60								●					
			AG55		28-11	48-8	0.06	1.60								●					
			22E ^{R/L} N55	-	-	7-5	0.47	2.50							●	●					
			16E ^{R/L} 5501	TNN32E ^{R/L} 5501	28-11	24-10	0.10	1.50		●				●					●		
	16E ^{R/L} 5502	5502	14, 11	16-9	0.20	1.50	●				●					●					

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	

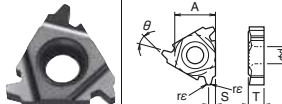


External Threading Inserts

- 30°Trapezoidal (Tr)

Partial Profile 30°

(mm)

Partial Profile 30°				(mm)		Classification of usage ● : 1st Choice ○ : 2nd Choice			P		Carbon Steel / Alloy Steel				○	●			Ref. Page for Depth of Cut & Number of Passes				
Description		Previous Description		A	T				ød	M	Stainless Steel				○	●							
16E ^{R/L}		TNN32E ^{R/L}		9.525	3.68				4.0	K	Cast Iron												
22E ^{R/L}		TNN43E ^{R/L}		12.70	4.9				4.85	N	Non-ferrous Metals												
Insert Handed Insert shows Right-hand			Description		Previous Description		Applicable Thread		Dimension (mm)		Angle (°)		Cermet		PVD Coated Carbide				Carbide				
							T r		rε	S	θ	TC60		PR630		PR930		PR1115		GW15		KW10	
							Pitch					R	L	R	L	R	L	R	L	R	L		
							mm																
Partial Profile			16E ^{R/L} 200TR		TNN32E ^{R/L} 200TR		2.0	0.20	1.6	60°	●			●	●								
			300TR		300TR		3.0	0.20	1.6		●			●	●								
			22E ^{R/L} 400TR		TNN43E ^{R/L} 400TR		4.0	0.20	2.5	60°	●			●	●								
			500TR		500TR		5.0	0.20	2.5		●			●	●								

- Applicable Toolholder

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

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)

PR930 / PR1115 / GW15

(Threading Insert) is sold in 5 piece boxes.

Inserts are sold

in 10 piece boxes. kyocera@kyocera-tools.ru
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