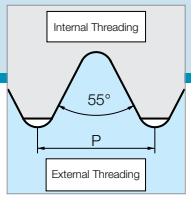
для заказа - kyocera@kyocera-tools.ru



External Threading Insert

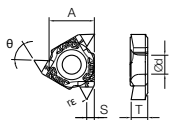
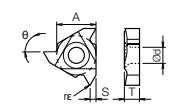
Parallel Pipe [G (PF)], Tapered Pipe [R, (PT), (BSPT)], Whitworth (W)

55° Partial Profile (in)

Part Number	Previous Part Number	A	T	Ød
16ER	TNN32ER	0.375	0.145	0.157
22ER	TNN43ER	0.500	0.193	0.191

Classification of Usage
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

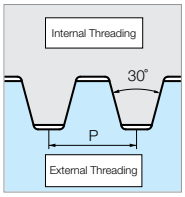
P	Carbon Steel / Alloy Steel		●	
M	Stainless Steel		●	
K	Cast Iron			●
N	Non-ferrous Metals			●

Insert (Right-handed Insert Shown)	Part Number	Previous Part Number	Applicable Thread G(PF) R(PT)	Applicable Thread W	Dimensions (in) rε	Dimensions (in) S	Angle θ	Cermet TC60 R	Cermet TC60 L	PVD Coated Carbide PR1115 R	PVD Coated Carbide PR1115 L	Carbide GW15 R	Carbide GW15 L	Ref. Page for D.O.C. & Number of Passes
			Pitch											
			TPI											
Partial Profile  	16ER A55-TF	-	28, 19	40~16	0.002	0.039	55°			○				
	16ER G55-TF	-	14, 11	14~8	0.009	0.063	55°			○				
	16ER AG55-TF	-	28~11	40~8	0.002	0.063	55°			○				
Partial Profile  	16ER A55	-	28, 19	40~16	0.002	0.039	55°					○		J40 J41
	16ER G55	-	14, 11	14~8	0.009	0.063	55°					○		
	16ER AG55	-	28~11	40~8	0.002	0.063	55°					○		
	22ER N55	-	-	7~5	0.019	0.098	55°			○		○		
	16ER 5501	TNN32ER 5501	28~11	24~10	0.004	0.059	55°	○						
	5502	5502	14, 11	16~9	0.006	0.059	55°	○						

Recommended Cutting Conditions J36

Applicable Toolholders

Part Number	Applicable Toolholders	Ref. Page for Toolholder
16ER...	KTNR...-16 KTNSR...-16	J20
22ER...	KTNR...-22	



External Threading Insert

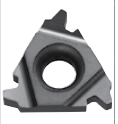
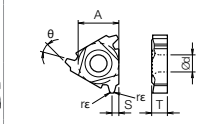
Trapezoidal (Tr)

30° Partial Profile (mm)

Part Number	Previous Part Number	A	T	Ød
16ER	TNN32ER	9.525	3.68	4.0
22ER	TNN43ER	12.70	4.9	4.85

Classification of Usage
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

P	Carbon Steel / Alloy Steel		●	
M	Stainless Steel		●	
K	Cast Iron			
N	Non-ferrous Metals			

Insert (Right-handed Insert Shown)	Part Number	Previous Part Number	Applicable Thread Tr Pitch mm	Dimensions (mm) rε	Dimensions (mm) S	Angle θ	Cermet TC60 R	Cermet TC60 L	PVD Coated Carbide PR1115 R	PVD Coated Carbide PR1115 L	Carbide GW15 R	Carbide GW15 L	Ref. Page for D.O.C. & Number of Passes
Partial Profile  	16ER 200TR	TNN32ER 200TR	2.00	0.20	1.60	30°	○		○				J41
	300TR	300TR	3.00	0.20	1.60	30°	○		○				
	22ER 400TR	TNN43ER 400TR	4.0	0.20	2.5	30°	○		○				
	500TR	500TR	5.0	0.20	2.5	30°	○		○				

Recommended Cutting Conditions J36

Applicable Toolholders

Part Number	Applicable Toolholders	Ref. Page for Toolholder
16ER...	KTNR...-16 KTNSR...-16	J20
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

PR1115/GW15 Threading Inserts are sold in 5 piece boxes.

TC60 Threading Inserts sold in 10 piece boxes.

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