для заказа - kyocera@kyocera-tools.ru

Internal Threading Insert

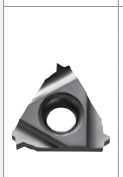
Unified (UN)

60° Full Profile (in)

Part Number	Previous Part Number	A	T	Ød
16IR	TNN32IR	0.375	0.145	0.157
22IR	TNN43IR	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 UN, UNF Pitch TPI	rε	S	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
Full Profile 	16IR... 24UN-TF	-	24	0.0024	0.0315	60°			●				J37
	20UN-TF		20	0.0031	0.0394				●				
	18UN-TF		18	0.0035	0.0394				●				
	16UN-TF		16	0.0039	0.0433				●				
	14UN-TF		14	0.0047	0.0591				●				
	13UN-TF		13	0.0051	0.0591				●				
	12UN-TF		12	0.0055	0.0591				●				
	10UN-TF		10	0.0067	0.0591				●				
	08UN-TF		8	0.0083	0.0709				●				
	16IR... 24UN	TNN32IR... 24UN	24	0.0020	0.0315	60°	○						
	20UN	20UN	20	0.0028	0.0394		○						
	18UN	18UN	18	0.0035	0.0394		○						
	16UN	16UN	16	0.0039	0.0433		●						
	14UN	14UN	14	0.0047	0.0591		○						
	12UN	12UN	12	0.0055	0.0591		●						
	22IR 08UN	TNN43IR 08UN	12	0.0055	0.0591	60°	●		○				

Recommended Cutting Conditions J36

Applicable Toolholders

Part Number	Applicable Toolholders	Ref. Page for Toolholder
16IR...	SINR...-16 CINR...-16	J21
22IR...	SINR...-22 CINR...-22	

Internal Threading Insert

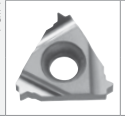
Parallel Pipe [G (PF)], Whitworth (W)

55° Full Profile (in)

Part Number	Previous Part Number	A	T	Ød
16IR	TNN32IR	0.375	0.145	0.157

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) Pitch TPI	W Pitch TPI	rε	S	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
Full Profile 	16IR... 19W-TF	-	19	-	0.0063	0.0394	55°			○				J38
	16W-TF		-	16	0.0075	0.0433				○				
	14W-TF		14	14	0.0091	0.0591				○				
	11W-TF		11	11	0.0118	0.0591				○				
	16IR... 14W	TNN32IR... 14W	14	14	0.0091	0.0591	55°	○						
	11W	11W	11	11	0.0118	0.0591		○						

Recommended Cutting Conditions J36

Applicable Toolholders

Part Number	Applicable Toolholders	Ref. Page for Toolholder
16IR...	SINR...-16	J21

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.

kyocera@kyocera-tools.ru
www.kyocera-tools.ru

● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)