для заказа - kyocera@kyocera-tools.ru

Internal Threading Insert

Metric (M)

60° Full Profile (mm)

Part Number	Previous Part Number	A	T	Ød
11IR/L	TNN22IR/L	6.350	3.18	3.0
16IR/L	TNN32IR/L	9.525	3.68	4.0
22IR	TNN43IR	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 M Pitch mm	Dimensions (mm) rε	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
Full Profile	11IR	100ISO-TF	-		1.00	0.07	0.80	60°			●				
		125ISO-TF			1.25	0.08	1.10				●				
		150ISO-TF			1.50	0.11	1.10				●				
		175ISO-TF			1.75	0.12	1.10				●				
	16IR	100ISO-TF	-		1.00	0.07	0.80	60°			●				
		125ISO-TF			1.25	0.08	1.10				●				
		150ISO-TF			1.50	0.11	1.10				●				
		175ISO-TF			1.75	0.12	1.10				●				
		200ISO-TF			2.00	0.14	1.50				●				
		250ISO-TF			2.50	0.17	1.50				●				
		300ISO-TF			3.00	0.19	1.60				●				
	11IR/L	050ISO	TNN22IR/L	050M	0.50	0.03	0.55	60°	○		○		○		→ J37
		075ISO		075M	0.75	0.05	0.68		○		○		○		
		100ISO		100M	1.00	0.07	0.80		○			○	○		
		125ISO		125M	1.25	0.08	1.10		○				○		
		150ISO		150M	1.50	0.11	1.10		○			○	○		
		175ISO		175M	1.75	0.12	1.10		○						
		200ISO		200M	2.00	0.14	0.90				○				
	16IR/L	100ISO	TNN32IR/L	100M	1.00	0.07	0.80	60°	○			○	○		
		125ISO		125M	1.25	0.08	1.10		○						
		150ISO		150M	1.50	0.11	1.10		○			○	○		
		175ISO		175M	1.75	0.12	1.10		○						
		200ISO		200M	2.00	0.14	1.50		○			○	○		
		250ISO		250M	2.50	0.16	1.50		○				○		
		300ISO		300M	3.00	0.19	1.60						○		
	22IR	300ISO	TNN43IR	300M	3.00	0.19	1.80	60°	○						
		350ISO		350M	3.50	0.23	2.10		○		○				
		400ISO		400M	4.00	0.26	2.80		○		○				
		450ISO		450M	4.50	0.30	2.80		○		○				
		500ISO		500M	5.00	0.34	2.80		○		○				

Recommended Cutting Conditions → J36

Applicable Toolholders

Part Number	Applicable Toolholders	Ref. Page for Toolholder
11IR...	SINR...-11E SINR...-11	→ J21
11IL...	SINL...-11E SINL...-11	

Part Number	Applicable Toolholders	Ref. Page for Toolholder
16IR...	SINR...-16 CINR...-16	→ J21
16IL...	SINL...-16 CINL...-16	
22IR...	SINR...-22 CINR...-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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● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)