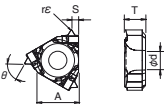
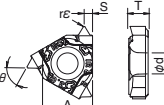
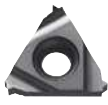
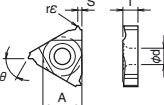


Internal Threading Inserts

- Metric (M)

Full Profile 60°

(mm)

Description		Previous Description		A	T	ød	Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Carbon Steel / Alloy Steel							Ref. Page for Depth of Cut & Number of Passes	
11I [®] /L		TNN22I [®] /L		6.35	3.18	3.0		M	Stainless Steel			○	●				
16I [®] /L		TNN32I [®] /L		9.525	3.68	4.0		K	Cast Iron					●			
22I [®] /L		TNN43I [®] /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	rε	S	θ	TC60	PR630	PR930	PR1115	GW15	KW10		
						Pitch										mm	R
Full Profile			11I [®] /L 100ISO-TF	-	1.0	0.07	0.8	60°						●			
			125ISO-TF		1.25	0.08	1.1								●		
			150ISO-TF		1.5	0.11	1.1								●		
			175ISO-TF		1.75	0.12	1.1								●		
			16I [®] /L 100ISO-TF	-	1.0	0.07	0.8	60°						●			
			125ISO-TF		1.25	0.08	1.1								●		
			150ISO-TF		1.5	0.11	1.1								●		
			175ISO-TF		1.75	0.12	1.1								●		
			200ISO-TF		2.0	0.14	1.5								●		
			250ISO-TF		2.5	0.17	1.5								●		
			300ISO-TF		3.0	0.19	1.6								●		
			11I [®] /L 050ISO	TNN22I [®] /L 050M	0.5	0.03	0.55	60°	●			●		●			
			075ISO		0.75	0.05	0.68		●			●		●			
			100ISO		1.0	0.07	0.8		●			●	●	●		●	
			125ISO		1.25	0.08	1.1		●			●		●			
			150ISO		1.5	0.11	1.1		●			●	●	●		●	
			175ISO		1.75	0.12	1.1		●			●					
			200ISO		2.0	0.14	0.9					●					
			16I [®] /L 100ISO		TNN32I [®] /L 100M	1.0	0.07		0.8	60°	●			●		●	●
			125ISO	1.25		0.08	1.1	●				●					
			150ISO	1.5		0.11	1.1	●				●	●	●		●	
			175ISO	1.75		0.12	1.1	●				●		●			
			200ISO	2.0		0.14	1.5	●				●	●	●		●	
			250ISO	2.5		0.16	1.5	●				●		●			
			300ISO	3.0		0.19	1.6							●			
			22I [®] /L 300ISO	TNN43I [®] /L 300M		3.0	0.19	1.8	60°		●			●			
			350ISO		3.5	0.23	2.1	●				●		●			
			400ISO		4.0	0.26	2.8	●				●		●			
			450ISO		4.5	0.30	2.8	●				●		●			
500ISO			5.0		0.34	2.8	●				●		●				
1-Thread, With Chipbreaker																	

For recommended cutting conditions, see page [🔗 J29](#)

● Applicable Toolholder

Description	Applicable Toolholder	Ref. Page for Toolholder	Description	Applicable Toolholder	Ref. Page for Toolholder
11IR ...	SINR...11E SINR...11	J17	16IR ...	SINR...16 CINR...16	J17
11IL ...	SINL...11E SINL...11		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

● : Std. Item ○ : Check Availability
R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

kyocera@kyocera-tools.ru (Thread Insert) is sold in 5 piece boxes.
www.kyocera-tools.ru

PR930 / PR1115 / GW15

Inserts are sold
in 10 piece boxes.