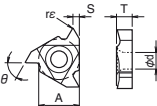


Internal Threading Inserts

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

Partial Profile 55° (mm)

Description		Previous Description		A	T	ød																
06I ^R / _L		TNN06I ^R / _L		3.97	1.91	2.3	Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Carbon Steel / Alloy Steel				○	●								
08I ^R / _L		TNN08I ^R / _L		4.76	2.38	2.3		M	Stainless Steel				○	●								
11I ^R / _L		TNN22I ^R / _L		6.35	3.18	3.0		K	Cast Iron								●	○				
16I ^R / _L		TNN32I ^R / _L		9.525	3.68	4.0		N	Non-ferrous Metals								●	○				
22I ^R / _L		TNN43I ^R / _L		12.70	4.9	4.85																
Insert Handed Insert shows Right-hand			Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet		PVD Coated Carbide				Carbide				Ref. Page for Depth of Cut & Number of Passes		
					G(PF) Rc(PT)	W	rε	S	θ	TC60		PR630		PR930		PR1115		GW15			KW10	
					Pitch					R	L	R	L	R	L	R	L	R	L			
					TPI																	
Partial Profile  	11I ^R / _L	A55	-	28, 19	48~16	0.06	1.00	55°								●	●			J33 J34		
	16I ^R / _L	A55		28, 19	48~16	0.06	1.00										●	●				
		G55		14, 11	14~8	0.22	1.70										●	●				
		AG55		28~11	48~8	0.06	1.70										●	●				
	22I ^R / _L	N55	-	7~5	0.47	2.50										●	●					
	06I ^R / _L	5501	TNN06I ^R / _L 5501	28	24	0.10	0.60									●	●					
	08I ^R / _L	5501	TNN08I ^R / _L 5501	28, 19	24, 20	0.10	0.80									●	●					
	11I ^R / _L	55005	TNN22I ^R / _L 55005	28~14	24~14	0.05	1.10		●										●			
	16I ^R / _L	5501	TNN32I ^R / _L 5501	28~11	24~11	0.10	1.50		●										●			
		5502	5502	14, 11	16~11	0.20	1.50		●										●			

Applicable Toolholder

For recommended cutting conditions, see page J29

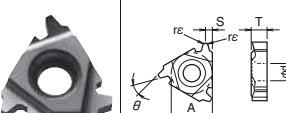
Description	Applicable Toolholder	Ref. Page for Toolholder
06IR ...	SINR...06E	J17
08IR ...	SINR...08E	
11IR ...	SINR...11E SINR...11	

Description	Applicable Toolholder	Ref. Page for Toolholder
16IR ...	SINR...16 CINR...16	J17
22IR ...	SINR...22 CINR...22	

Internal Threading Inserts

30°Trapezoidal (Tr)

Partial Profile 30° (mm)

Partial Profile					Classification of usage		M		Stainless Steel												Ref. Page for Depth of Cut & Number of Passes				
Description		Previous Description		A	T	ød	● : 1st Choice		K		Cast Iron														
16I ¹ / _L		TNN32I ¹ / _L		9.525	3.68	4.0	○ : 2nd Choice		N		Non-ferrous Metals														
22I ¹ / _L		TNN43E ¹ / _L		12.70	4.9	4.85																			
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																	
								mm						R		L		R		L		R		L	
Partial Profile		16I ¹ / _L 200TR		TNN32I ¹ / _L 200TR		2.0		0.20	1.6	30°	●				●	●					J34				
		300TR		300TR		3.0		0.20	1.6		●				●	●									
		22I ¹ / _L 400TR		TNN43I ¹ / _L 400TR		4.0		0.20	2.5		●				●	●									
		500TR		500TR		5.0		0.20	2.5		●				●	●									

Applicable Toolholder

For recommended cutting conditions, see page J29

Description	Applicable Toolholder	Ref. Page for Toolholder
16IR ...	SINR...16 CINR...16	J17
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)

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PR930 / PR1115 / GW15

(Threading Insert) is sold in 5 piece boxes.

Inserts are sold in 10 piece boxes.

