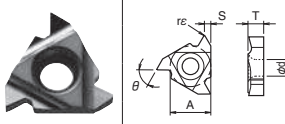


## Internal Threading Inserts

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

Partial Profile 55° (mm)

Description	Previous Description	A	T	ød	Classification of usage ● : 1st Choice ○ : 2nd Choice	P Carbon Steel / Alloy Steel		M Stainless Steel		K Cast Iron		N Non-ferrous Metals		Ref. Page for Depth of Cut & Number of Passes				
						●	○	●	○	●	○	●	○					
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	Pitch	TPI	r <sub>e</sub>		S	θ	TC60		PR1115 PR930			GW15 KW10			
										R	L	R	L		R	L	R	L
Partial Profile 	11I <sup>PL</sup> A55	-	28, 19	48~16	0.06	1.00	55°		●		●			J33 J34				
	16I <sup>PL</sup> 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 <sup>PL</sup> N55	-	7~5	0.47	2.50			●		●								
	06I <sup>PL</sup> 5501	TNN06I <sup>PL</sup> 5501	28	24	0.10	0.60			●	□								
	08I <sup>PL</sup> 5501	TNN08I <sup>PL</sup> 5501	28, 19	24.20	0.10	0.80			●	□								
	11I <sup>PL</sup> 55005	TNN22I <sup>PL</sup> 55005	28~14	24~14	0.05	1.10		□		□		●						
	16I <sup>PL</sup> 5501	TNN32I <sup>PL</sup> 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

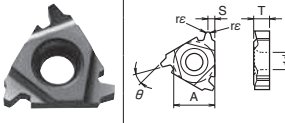
Description	Applicable Toolholder	Ref. Page for Toolholder
06IR ...	SINR...06E	J17
08IR ...	SINR...08E	
11IR ...	SINR...11E SINR...11	

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)

Description	Previous Description	A	T	ød	Classification of usage ● : 1st Choice ○ : 2nd Choice	P Carbon Steel / Alloy Steel		M Stainless Steel		K Cast Iron		N Non-ferrous Metals		Ref. Page for Depth of Cut & Number of Passes				
						●	○	●	○	●	○	●	○					
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				
			Tr	Pitch	mm	r <sub>e</sub>		S	θ	TC60		PR1115 PR930			GW15 KW10			
										R	L	R	L		R	L	R	L
Partial Profile 	16I <sup>PL</sup> 200TR	TNN32I <sup>PL</sup> 200TR	2.0	0.20	1.6	30°	□	●	□				J34					
	300TR	300TR	3.0	0.20	1.6		□	●	□									
	22I <sup>PL</sup> 400TR	TNN43I <sup>PL</sup> 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 Tapered Pipe
	G (PF): Parallel Pipe	Tr: 30°Trapezoidal

● : Std. Item □ : Check Availability

PR930 / PR1115 / GW15  
(Threading Insert) is sold in 5 piece boxes.

Inserts are sold  
in 10 piece boxes.

