

Internal Threading Inserts

Tapered Pipe [Rc (PT) (BSPT)]

Full Profile 55°					(mm)	Classification of usage ● : 1st Choice ○ : 2nd Choice		P	Carbon Steel / Alloy Steel			○	●			Ref. Page for Depth of Cut & Number of Passes			
Description	Previous Description	A	T	ød	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					●						
Insert		Description		Previous Description		Applicable Thread	Dimension (mm)		Angle (°)	Cermet	PVD Coated Carbide				Carbide				
Handed Insert shows Right-hand						RC (PT) (BSPT)	rε	S	θ	TC60	PR630	PR930	PR1115	GW15	KW10				
						Pitch													
						TPI													
Full Profile				11I ^R / _L	28BSPT-TF	-	28	0.10	0.6	55°					●				
							19BSPT-TF	19	0.16		0.78					●			
							14BSPT-TF	14	0.22		0.97					●			
	16I ^R / _L	14BSPT-TF	-	14	0.22	0.97						●							
							11BSPT-TF	11	0.29		1.5					●			
				11I ^R / _L	28BSPT	TNN22I ^R / _L	28PT	28	0.10	0.6	55°	●			●		●		
								19BSPT	19	0.16		0.78	●			●		●	
								14BSPT	14	0.22		0.97	●			●		●	
	16I ^R / _L	14BSPT	TNN32I ^R / _L	14PT	14	0.22	0.97	●				●		●		●			
					11BSPT	11	0.29	1.5	●				●		●				
				11I ^R / _L	19BSPT-TS	TNN22I ^R / _L	19PT-TS	19	0.16	0.78	55°				●				
								14BSPT-TS	14	0.22		0.97				●			
								14BSPT-TS	14	0.22		0.97				●			
	16I ^R / _L	14BSPT-TS	TNN32I ^R / _L	14PT-TS	14	0.22	0.97					●							
					11BSPT-TS	11	0.29	1.5					●						

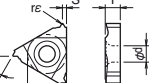
Applicable Toolholder

For recommended cutting conditions, see page J29

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

Internal Threading Inserts

American National Pipe (NPT60°)

Full Profile 60°					(mm)		Classification of usage ● : 1st Choice ○ : 2nd Choice		M		Stainless Steel				○	●			Ref. Page for Depth of Cut & Number of Passes				
Description		Previous Description		A	T	ød			K		Cast Iron						●						
16I ^R /L		TNN32I ^R /L		9.525	3.68	4.0			N		Non-ferrous Metals						●						
Insert Handed Insert shows Right-hand			Description		Previous Description		Applicable Thread		Dimension (mm)		Angle (°)	Cermet		PVD Coated Carbide				Carbide					
							NPT		rε S		θ	TC60		PR630		PR930		PR1115		GW15		KW10	
							Pitch					R	L	R	L	R	L	R	L	R	L		
							TPI																
Full Profile			16I ^R /L	18NPT	TNN32I ^R /L	18NPT	18	0.04	0.9	60°	●				●	●	●			J31			
				14NPT		14NPT	14	0.05	1.5		●				●	●	●						
				11.5NPT		11.5NPT	11.5	0.06	1.5		●				●	●	●						

Applicable Toolholder

For recommended cutting conditions, see page J29

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

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
www.kyocera-tools.ruPR930 / PR1115 / GW15
(Threading Insert) is sold in 5 piece boxes.Inserts are sold
in 10 piece boxes.