

APPLICABLE TOOLHOLDERS & INSERTS

The standard specification of the inch size thread is based on the dimension of 1/8".

In Applicable Toolholders and Inserts Lists on J34-J37, Right-hand Insert / Right-hand Toolholder descriptions are listed based on the previous TNN type inserts. For other applicable inserts / toolholders or stock availability of Left-hand, see each relevant page and J40.

Parallel Pipe: G (PF), Rp (PS)

Inch	Nominal Thread Symbol (Previous Symbol)	TPI	Male Thread (G)			Internal Threading (G,Rp)			Min. Bore Dia.(mm)	Root's Radius Male/Female (mm)		
			Toolholder	Insert		Toolholder	Insert					
				Partial Profile	Full Profile			Partial Profile	Full Profile			
-	G 1/16 (-)	28	KTNR○○○○□-16 KTNSR○○○○□-16	16ERA55-TF	-	SINR0612S-06E (HPT J14)	06IR5501	-	6.56	0.12		
1/8	G 1/8 (PF 1/8)	28		16ERAG55-TF 16ERA55 16ERAG55								-
2/8	G 1/4 (PF 1/4)	19	KTNR○○○○□-16 KTNSR○○○○□-16	16ERA55-TF	16ER19W-TF 16ER19W	SINR0816S-08E (HPT J14)	08IR5501	-	11.45	0.18		
3/8	G 3/8 (PF 3/8)	19		16ERAG55-TF 16ERA55 16ERAG55								-
4/8	G 1/2 (PF 1/2)	14	KTNR○○○○□-16 KTNSR○○○○□-16	16ERAG55-TF 16ERAG55 16ERAG55 16ERAG55	16ER14W-TF 16ER14W	SINR1516S-11	11IR55005	-	18.63	0.25		
5/8	G 5/8 (PF 5/8)	14				SINR1616S-16	16IRAG55 16IRG55 16IR5501 16IR5502	16IR14W-TF 16IR14W			20.59	
6/8	G 3/4 (PF 3/4)	14				SINR2016S-16						24.12
7/8	G 7/8 (PF 7/8)	14										

Tapered Pipe [R, Rc(PT), (BSPT)]

Inch	Nominal Thread Symbol (Previous Symbol)	TPI	Male Thread (G)			Female Thread (Rc)			Root's Radius Male/Female (mm)
			Toolholder	Insert		Toolholder	Insert		
				Partial Profile	Full Profile			Partial Profile	Full Profile
-	R 1/16, Rc 1/16 (-)	28	KTNR○○○○□-16 KTNSR○○○○□-16	(16ERA55-TF) (16ERAG55-TF) (16ERA55) (16ERAG55)	16ER28BSPT-TF 16ER28BSPT	SINR0612S-06E (HPT J14)	06IR5501	-	0.12
1/8	R 1/8, Rc 1/8 (PT 1/8)	28							
2/8	R 1/4, Rc 1/4 (PT 1/4)	19	KTNR○○○○□-16 KTNSR○○○○□-16	(16ERA55-TF) (16ERAG55-TF) (16ERA55) (16ERAG55)	16ER19BSPT-TF 16ER19BSPT	SINR0816S-08E (HPT J14)	08IR5501	-	0.18
3/8	R 3/8, Rc 3/8 (PT 3/8)	19							
4/8	R 1/2, Rc 1/2 (PT 1/2)	14	KTNR○○○○□-16 KTNSR○○○○□-16	(16ERAG55-TF) (16ERAG55) (16ERAG55) (16ERAG55)	16ER14BSPT-TF 16ER14BSPT	SINR1516S-11	(11IR55005)	11IR14BSPT-TF 11IR14BSPT	0.25
5/8	R 5/8, Rc 5/8 (PT 5/8)	14				SINR1616S-16	(16IRAG55) (16IRG55) (16IR5501) (16IR5502)	16IR14BSPT-TF 16IR14BSPT	
6/8	R 3/4, Rc 3/4 (PT 3/4)	14				SINR2016S-16			

1) The largest toolholder available for the minimum bore dia. is recommended for the female threading in these tables.

Then, the toolholder whose min. bore dia. is smaller than the recommended toolholder can be used for threading

2) When using "Partial Profile" for Tapered Pipe threading, thread's corners become sharp edged, and the shape will not be the same as the standard shape for Tapered Pipe.