для заказа - kyocera@kyocera-tools.ru

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)

Nominal Thread		TPI	External Thread (G)			Internal Thread (G,Rp)				Root Radius Ext./Int. (mm)
Inch	Symbol (Previous Symbol)		Toolholder	Insert		Toolholder	Insert		Min. Bore Dia.(mm)	
				Partial Profile	Full Profile		Partial Profile	Full Profile		
-	G 1/16 (-)	28	**KTNR○○○○□-16** **KTNSR○○○○□-16**	16ERA55-TF 16ERAG55-TF 16ERA55 16ERAG55	-	**SINR0612S-06E** (EZT ➡ J28) (HPT ➡ J32)	06IR5501	-	6.56	0.12
1/8	G 1/8 (PF 1/8)							-	8.57	
2/8	G 1/4 (PF 1/4)	19		16ERA55-TF 16ERAG55-TF 16ERA55 16ERAG55	16ER19W-TF 16ER19W	**SINR0816S-08E** (EZT ➡ J28) (HPT ➡ J32)	08IR5501	-	11.45	0.18
3/8	G 3/8 (PF 3/8)					**SINR1216S-11E** (EZT ➡ J28) (HPT ➡ J32)	11IRA55 11IR55005	-	14.95	
4/8	G 1/2 (PF 1/2)	14	**KTNR○○○○□-16** **KTNSR○○○○□-16**	16ERAG55-TF 16ERG55-TF 16ERAG55 16ERG55	16ER14W-TF 16ER14W	**SINR1516S-11**	11IR55005	-	18.63	0.25
						SINR1616S-16	16IRAG55 16IRG55 16IR5501 16IR5502	16IR14W-TF 16IR14W		
5/8	G 5/8 (PF 5/8)					**SINR2016S-16**			20.59	
6/8	G 3/4 (PF 3/4)								24.12	
7/8	G 7/8 (PF 7/8)					**SINR2420S-16**			27.88	
8/8	G 1 (PF 1)	11	**KTNR○○○○□-16** **KTNSR○○○○□-16**	16ERAG55-TF 16ERG55-TF 16ERAG55 16ERG55	16ER11W-TF 16ER11W	**SINR2420S-16**	16IRAG55 16IRG55 16IR5501 16IR5502	16IR11W-TF 16IR11W	30.29	0.32
9/8	G 1 1/8 (PF 1 1/8)					**CINR3025S-16**			34.95	
10/8	G 1 1/4 (PF 1 1/4)					**CINR3732S-16**			38.95	
			Hereafter, all the threads are 11 TPI and the root radius 0.32. The same tool for G 1 1/4 is recommended.							

Tapered Pipe : R, Rc(PT), (BSPT)

Nominal Thread		TPI	External Thread (G)			Internal Thread (Rc)			Root Radius Ext./Int. (mm)
Inch	Symbol (Previous Symbol)		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** (EZT ➡ J28) (HPT ➡ J32)	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** (EZT ➡ J28) (HPT ➡ J32)	08IR5501	-	0.18
3/8	R 3/8, Rc 3/8 (PT 3/8)	19				**SINR1216S-11E** (EZT ➡ J28) (HPT ➡ J32)	(11IRA55) (11IR55005)	11IR19BSPT-TF 11IR19BSPT	
4/8	R 1/2, Rc 1/2 (PT 1/2)	14	**KTNR○○○○□-16** **KTNSR○○○○□-16**	(16ERAG55-TF) (16ERG55-TF) (16ERAG55) (16ERG55)	16ER14BSPT-TF 16ER14BSPT	**SINR1516S-11**	(11IR55005)	11IR14BSPT-TF 11IR14BSPT	0.25
						SINR1616S-16	(16IRAG55) (16IRG55) (16IR5501) (16IR5502)	16IR14BSPT-TF 16IR14BSPT	
6/8	R 3/4, Rc 3/4 (PT 3/4)	14				**SINR2016S-16**			
8/8	R 1, Rc 1 (PT 1)	11	**KTNR○○○○□-16** **KTNSR○○○○□-16**	(16ERAG55-TF) (16ERG55-TF) (16ERAG55) (16ERG55)	16ER11BSPT-TF 16ER11BSPT	**SINR2420S-16**	(16IRAG55) (16IRG55) (16IR5501) (16IR5502)	16IR11BSPT-TF 16IR11BSPT	0.32
10/8	R 1 1/4, Rc 1 1/4 (PT 1 1/4)					**CINR3025S-16**			
12/8	R 1 1/2, Rc 1/2 (PT 1/2)					**CINR3732S-16**			
			Hereafter, all the threads are 11 TPI and the root's radius 0.32. The same tool for G 1 1/2 is recommended.			Hereafter, all the threads are 11 TPI and the root radius 0.32. The same tool for G 1 1/4 is recommended.			

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.

kyocera@kyocera-tools.ru
www.kyocera-tools.ru