

APPLICABLE TOOLHOLDERS & INSERTS

American National Pipe [NPT]

Applicable Thread	TPI	External Threading			Internal Threading		
		Toolholder	Insert		Toolholder	Insert	
			Partial Profile	Full Profile		Partial Profile	Full Profile
1/16 NPT 1/8 NPT	27	KTTR○○○○○□-16 KTTXRO○○○○○□-16F	TT32R6000 TTX32R6000	-	No Tools Available		
1/4 NPT 3/8 NPT	18	KTNR○○○○○□-16 KTNSRO○○○○○□-16	-	16ER18NPT	EZH Sleeve See J11	EZTR060050-60-004 EZTR070060-60-004 HPTR06005-60-005 HPTR07507-60-005	-
1/2 NPT 3/4 NPT	14	KTNR○○○○○□-16 KTNSRO○○○○○□-16	-	16ER14NPT	EZH Sleeve See J11	EZTR070060-60-004 HPTR07507-60-005	-
1/2 NPT 3/4 NPT	14	KTNR○○○○○□-16 KTNSRO○○○○○□-16	-	16ER14NPT	SINR1616S-16 SINR2016S-16	-	16IR14NPT

• Application of NPTF Thread

NPTF is the thread for sealing pipes without using any sealing material.

Thread symbol is similar to NPT but the Tolerance is different from that of NPT and the above Inserts are not available to NPTF.

30° Trapezoidal

The JIS Standard Trapezoidal Size to be machined by TNN Insert are shown.

Applicable Thread	Pitch (mm)	External Threading			Internal Threading			Min. Bore Dia.(mm)
		Toolholder	Insert		Toolholder	Insert		
			Partial Profile	Full Profile		Partial Profile	Full Profile	
Tr 16X2 Tr 18X2 Tr 20X2	2	KTNR○○○○○□-16 KTNSRO○○○○○□-16	No Tools Available		No Tools Available	-	-	14.00
	16ER200TR		-	SINR1616S-16	16IR200TR	-	16.00 18.00	
Tr 22X3	3	KTNR○○○○○□-16 KTNSRO○○○○○□-16	16ER300TR		SINR1616S-16	16IR300TR	-	19.00
Tr 24X3 Tr 26X3	3				SINR2016S-16		-	21.00 23.00

TM Thread: TM Thread of old JIS 30°Trapezoidal Thread has been discontinued. But if the Nominal Dia. X Pitch is the same, the above Tr Thread can be used.

TW Thread: TW Thread is 29° Trapezoidal Thread and the above Inserts are not available.

GRADES	A
INSERTS	B
CBN & POD	C
TURNING	E
BORING	F
GRINDING	G
CUT-OFF	H
THREADING	J
SOLID END MILLS	L
MILLING	M
SPARE PARTS	P
TECHNICAL	R
INDEX	T