

APPLICABLE TOOLHOLDERS & INSERTS (INTERNAL)

Metric Coarse Thread: M

A GRADES	Applicable Thread	Pitch (mm)	Internal Threading		Min. Bore Dia.(mm)	
			Toolholder	Insert		
				Partial Profile		Full Profile
B INSERTS	M1	0.25	No Tools Available	-	0.73	
	M3	0.50		-	2.46	
	M4	0.70		No Tools Available	EZTR030025-60-002	-
C CBN & PCD	M5	0.80	No Tools Available	EZTR040035-60-004	-	4.13
	M6	1.00	-	HPTR04504-60 / VNTR045-11	-	4.92
	M7	1.00	-	EZTR050040-60-004	-	5.92
E TURNING	M8	1.25	-	HPTR06005-60 / VNTR060-11	-	
			-	HPTR06005-60 / VNTR060-11	-	6.65
E TURNING	M9	1.25	SINR0612S-06E	06IR60005	-	7.65
			-	EZTR070060-60-004	-	
			SINR0612S-06E	06IR60005	-	
F BORING	M10	1.50	SINR0816S-08E	08IR60007	-	8.38
	M11	1.50	SINR0816S-08E	08IR60007	-	9.38
	M12	1.75	SINR0816S-08E	08IR60007	-	10.11
	M16	2.00	SINR1216S-11E	-	11R200ISO	13.84
	M18	2.50	No Tools Available		-	15.29
	M20	2.50	SINR1616S-16	Table 5	16R250ISO-□□	17.29
	M22	2.50	SINR1616S-16	Table 5	16R250ISO-□□	19.29
	M24	3.00	SINR2016S-16	Table 4	16R300ISO-□□	20.75
	M27	3.00	SINR2016S-16	Table 4	16R300ISO-□□	23.75

Metric Fine Thread: M

Part 1

A GRADES	Applicable Thread	Pitch (mm)	Internal Threading		Min. Bore Dia.(mm)		
			Toolholder	Insert			
				Partial Profile		Full Profile	
H CUT-OFF	M1.0x0.20	0.20	No Tools Available	-	0.78		
	M3.0x0.35	0.35		-	4.96		
	M3.5x0.35	0.35		-	EZTR030025-60-002	-	5.19
J THREADING	M4.5x0.50	0.50	-	EZTR035030-60-002	-	5.19	
	M5.0x0.50	0.50	-	EZTR040035-60-004	-	5.19	
	M6.0x0.75	0.75	-	HPTR04504-60 / VNTR045-11	-		
	L SOLID END MILLS	M7.0x0.75	0.75	-	EZTR050040-60-004	-	6.20
				-	HPTR06005-60 / VNTR045-11	-	
	M MILLING	M8.0x1.00	1.00	-	EZTR060050-60-004	-	6.92
				-	HPTR06005-60 / VNTR060-11	-	
				SINR0612S-06E	06IR60005	-	
	M MILLING	M8.0x0.75	0.75	-	EZTR060050-60-004	-	7.19
				-	HPTR06005-60 / VNTR060-11	-	
SINR0612S-06E				06IR60005	-		
P SPARE PARTS	M9.0x1.00	1.00	-	EZTR070060-60-004	-	7.92	
			-	HPTR07507-60 / VNTR060-11	-		
			SINR0612S-06E	06IR60005	-		
P SPARE PARTS	M9.0x0.75	0.75	-	HPTR07507-60 / VNTR060-11	-	8.19	
			-	HPTR07507-60 / VNTR060-11	-		
			SINR0612S-06E	06IR60005	-		
R TECHNICAL	M10.0x1.25	1.25	-	HPTR07507-60 / VNTR060-11	-	8.65	
			SINR0816S-08E	08IR60007	-		
	R TECHNICAL	M10.0x1.00	1.00	-	HPTR07507-60 / VNTR060-11	-	8.92
SINR0816S-08E				08IR60007	-		
T INDEX	M10.0x0.75	0.75	-	HPTR07507-60 / VNTR060-11	-	9.19	
			SINR0612S-06E	06IR60005	-		
	T INDEX	M11.0x1.00	1.00	-	HPTR07507-60 / VNTR060-11	-	9.92
SINR0816S-08E				08IR60007	-		
T INDEX	M11.0x0.75	0.75	-	HPTR07507-60 / VNTR060-11	-	10.19	
			SINR0612S-06E	06IR60005	-		
T INDEX	M12.0x1.50	1.50	SINR0816S-08E	08IR60007	-	10.38	
			SINR0816S-08E	08IR60007	-	10.65	
T INDEX	M12.0x1.00	1.00	SINR0816S-08E	08IR60007	-	10.92	
			SINR1216S-11E	11RA60	11R150ISO-□□	12.38	
T INDEX	M14.0x1.25	1.25	SINR1216S-11E	11RA60	11R125ISO-□□	12.65	
			SINR1216S-11E	11R60005	11R100ISO-□□	12.92	

• Above shows the usage example of applicable Toolholders / Inserts.

Metric Fine Thread: M

Part 2

Applicable Thread	Pitch (mm)	Internal Threading		Min. Bore Dia.(mm)	
		Toolholder	Insert		
			Partial Profile		Full Profile
M15.0x1.50	1.50	SINR1216S-11E	11RA60	11R150ISO-□□	13.38
M15.0x1.00	1.00	SINR1216S-11E	11R60005	11R100ISO-□□	13.92
M16.0x1.50	1.50	SINR1216S-11E	11RA60	11R150ISO-□□	14.38
M16.0x1.00	1.00	SINR1216S-11E	11R60005	11R100ISO-□□	14.92
M17.0x1.50	1.50	SINR1516S-11E	11RA60	11R150ISO-□□	15.38
M17.0x1.00	1.00	SINR1516S-11E	11R60005	11R100ISO-□□	15.92
M18.0x2.00	2.00	SINR1516S-11E	-	11R200ISO	15.84
M18.0x1.50	1.50	SINR1616S-16	Table 2	16R150ISO-□□	16.38
M18.0x1.00	1.00	SINR1616S-16	Table 3	16R100ISO-□□	16.92
M20.0x2.00	2.00	SINR1616S-16	Table 1	16R200ISO-□□	17.84
M20.0x1.50	1.50	SINR1616S-16	Table 2	16R150ISO-□□	18.38
M20.0x1.00	1.00	SINR1616S-16	Table 3	16R100ISO-□□	18.92
M22.0x2.00	2.00	SINR1616S-16	Table 1	16R200ISO-□□	19.84
M22.0x1.50	1.50	SINR2016S-16	Table 2	16R150ISO-□□	20.38
M22.0x1.00	1.00	SINR2016S-16	Table 3	16R100ISO-□□	20.92
M24.0x2.00	2.00	SINR2016S-16	Table 1	16R200ISO-□□	21.84
M24.0x1.50	1.50	SINR2016S-16	Table 2	16R150ISO-□□	22.38
M24.0x1.00	1.00	SINR2016S-16	Table 3	16R100ISO-□□	22.92
M25.0x2.00	2.00	SINR2016S-16	Table 1	16R200ISO-□□	22.84
M25.0x1.50	1.50	SINR2016S-16	Table 2	16R150ISO-□□	23.38
M25.0x1.00	1.00	SINR2016S-16	Table 3	16R100ISO-□□	23.92
M26.0x1.50	1.50	SINR2420S-16	Table 2	16R150ISO-□□	24.38
M27.0x2.00	2.00	SINR2420S-16	Table 1	16R200ISO-□□	24.84
M27.0x1.50	1.50	SINR2420S-16	Table 2	16R150ISO-□□	25.38
M27.0x1.00	1.00	SINR2420S-16	Table 3	16R100ISO-□□	25.92
M28.0x2.00	2.00	SINR2420S-16	Table 1	16R200ISO-□□	25.84
M28.0x1.50	1.50	SINR2420S-16	Table 2	16R150ISO-□□	26.38
M28.0x1.00	1.00	SINR2420S-16	Table 3	16R100ISO-□□	26.92
M30.0x3.00	3.00	SINR2420S-22	-	22R300ISO	26.75
		SINR2420S-16	Table 4	16R300ISO-□□	
M30.0x2.00	2.00	SINR2420S-16	Table 1	16R200ISO-□□	27.84
M30.0x1.50	1.50	SINR2420S-16	Table 2	16R150ISO-□□	28.38
M30.0x1.00	1.00	SINR2420S-16	Table 3	16R100ISO-□□	28.92
M32.0x2.00	2.00	SINR2420S-16	Table 1	16R200ISO-□□	29.84
M32.0x1.50	1.50	CINR3025S-16	Table 2	16R150ISO-□□	30.38

Table 1 (P=2.0mm)

16IRG60
16IRAG60
16IR6001

Table 2 (P=1.5mm)

16IRA60
16IRAG60
16IR6001

Table 3 (P=1.0mm)

16IRA60
16IRAG60

Table 4 (P=3.0mm)

16IRG60
16IRAG60

Table 5 (P=2.5mm)

16IRG60
16IRAG60
16IR6001
16IR60015