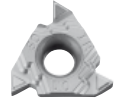


Internal Threading Inserts

60°Type [Partial Profile / M, UN]

Partial Profile 60° (mm)

Description		Previous Description		A	T	ød													Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Carbon Steel / Alloy Steel			○	●					Ref. Page for Depth of Cut & Number of Passes
06I ^{R/L}		TNN06I ^{R/L}		3.97	1.91	2.3	M	Stainless Steel			○	●																		
08I ^{R/L}		TNN08I ^{R/L}		4.76	2.38	2.3	K	Cast Iron							●	○														
11I ^{R/L}		TNN22I ^{R/L}		6.35	3.18	3.0	N	Non-ferrous Metals							●	○														
16I ^{R/L}		TNN32I ^{R/L}		9.525	3.68	4.0																								
22I ^{R/L}		TNN43I ^{R/L}		12.70	4.9	4.85																								
Insert Handed Insert shows Right-hand			Description	Previous Description	Applicable Thread		Dimension (mm)		Angle (°)	Cermet	PVD Coated Carbide				Carbide															
					M	UN UNF	rε	S	θ	TC60	PR630	PR930	PR1115	GW15	KW10															
					Pitch																									
					mm	TPI																								
						0.5~1.5	48~16	0.02	1.00	60°					●	●														
						0.5~1.5	48~16	0.02	1.00							●	●													
						1.75~3	14~8	0.11	1.70							●	●													
						0.5~3	48~8	0.02	1.70							●	●													
						3.5~5	7~5	0.22	2.50							●	●													
Partial Profile 			11I ^{R/L} A60	-		0.5~1.5	48~16	0.02	1.00	60°						●	●													
			16I ^{R/L} A60			0.5~1.5	48~16	0.02	1.00								●	●												
			G60			1.75~3	14~8	0.11	1.70								●	●												
			AG60			0.5~3	48~8	0.02	1.70								●	●												
			22I ^{R/L} N60			3.5~5	7~5	0.22	2.50								●	●												
			06I ^{R/L} 60005	TNN06I ^{R/L} 60005	0.75~1.25	28~20	0.05	0.60	60°					●	●															
			08I ^{R/L} 60007	TNN08I ^{R/L} 60007	1.0~1.75	20~16	0.07	0.80						●	●															
			11I ^{R/L} 60005	TNN22I ^{R/L} 60005	0.75~1.5	32~16	0.05	1.00		●				●	●					●										
			16I ^{R/L} 6001	TNN32I ^{R/L} 6001	1.5~2.5	16~10	0.10	1.50		●				●						●										
			60015	60015	2.5	11~10	0.15	1.50		●				●							●									
1-Thread, With Chipbreaker 			16I ^{R/L} 6001-TS	TNN32I ^{R/L} 6001-TS	1.5~2.5	16~11	0.09	1.50	60°					●																
			60015-TS	60015-TS	2.5	11~10	0.14	1.50						●																

Applicable Toolholder

For recommended cutting conditions, see page J29

Description	Applicable Toolholder	Ref. Page for Toolholder
06IR ..	SINR...06E	J17
08IR ..	SINR...08E	
11IR ..	SINR...11E SINR...11	
11IL ..	SINL...11E SINL...11	
16IR ..	SINR...16 CINR...16	
22IR ..	SINR...22 CINR...22	

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)

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PR930 / PR1115 / GW15
(Threading Insert) is sold in 5 piece boxes.

Inserts are sold
in 10 piece boxes.

