

Internal Threading Inserts

● Metric (M)

Full Profile 60° (mm)

Description	Previous Description	A	T	ød	Classification of usage ● : 1st Choice ○ : 2nd Choice	P	Cermet		PVD Coated Carbide		Carbide		Ref. Page for Depth of Cut & Number of Passes										
						Carbon Steel / Alloy Steel	●	○	TC60	PR1115	PR930	GW15		KW10	Stainless Steel	●	○	Cast Iron	●	○	Non-ferrous Metals	●	
Insert		Description		Previous Description		Applicable Thread	Dimension (mm)		Angle (°)	Cermet		PVD Coated Carbide		Carbide		Ref. Page for Depth of Cut & Number of Passes							
Handed Insert shows Right-hand						M	øe	S	θ	TC60	PR1115	PR930	GW15	KW10	J30								
						Pitch				R	L	R	L	R			L						
						mm				R	L	R	L	R			L						
Full Profile		111° 100ISO-TF 125ISO-TF 150ISO-TF 175ISO-TF	-	-	-	1.0	0.07	0.8	60°		●					J30							
						1.25	0.08	1.1			●												
						1.5	0.11	1.1			●												
						1.75	0.12	1.1			●												
		161° 100ISO-TF 125ISO-TF 150ISO-TF 175ISO-TF 200ISO-TF 250ISO-TF 300ISO-TF	-	-	-	-	1.0	0.07	0.8	60°		●				J30							
							1.25	0.08	1.1			●											
							1.5	0.11	1.1			●											
							1.75	0.12	1.1			●											
							2.0	0.14	1.5			●											
							2.5	0.17	1.5			●											
							3.0	0.19	1.6			●											
								111° 050ISO 075ISO 100ISO 125ISO 150ISO 175ISO 200ISO	TNN221° 050M 075M 100M 125M 150M 175M 200M		-	-	-	0.5	0.03		0.55	60°	<input type="checkbox"/>	●	<input type="checkbox"/>	●	<input type="checkbox"/>
	0.75	0.05	0.68	<input type="checkbox"/>	●	<input type="checkbox"/>				●				<input type="checkbox"/>									
	1.0	0.07	0.8	<input type="checkbox"/>	●	●				<input type="checkbox"/>				●	<input type="checkbox"/>								
	1.25	0.08	1.1	<input type="checkbox"/>	●	<input type="checkbox"/>				●				<input type="checkbox"/>									
	1.5	0.11	1.1	<input type="checkbox"/>	●	●				<input type="checkbox"/>				●	<input type="checkbox"/>								
	1.75	0.12	1.1	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	2.0	0.14	0.9	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	161° 100ISO 125ISO 150ISO 175ISO 200ISO 250ISO 300ISO	TNN321° 100M 125M 150M 175M 200M 250M 300M	-	-	-	-				1.0				0.07	0.8	60°	<input type="checkbox"/>		●	●	<input type="checkbox"/>	●	<input type="checkbox"/>
								1.25	0.08	1.1	<input type="checkbox"/>	●	<input type="checkbox"/>	●	<input type="checkbox"/>								
1.5								0.11	1.1	<input type="checkbox"/>	●	●	<input type="checkbox"/>	●	<input type="checkbox"/>								
1.75								0.12	1.1	<input type="checkbox"/>	●	<input type="checkbox"/>											
2.0								0.14	1.5	<input type="checkbox"/>	●	●	<input type="checkbox"/>	●	<input type="checkbox"/>								
2.5								0.16	1.5	<input type="checkbox"/>	●	<input type="checkbox"/>	●	<input type="checkbox"/>									
3.0								0.19	1.6	<input type="checkbox"/>	●	<input type="checkbox"/>	●	<input type="checkbox"/>									
221° 300ISO 350ISO 400ISO 450ISO 500ISO								TNN431° 300M 350M 400M 450M 500M	-	-	-	-	3.0	0.19	1.8		60°	<input type="checkbox"/>		<input type="checkbox"/>			J30
	3.5	0.23	2.1	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	4.0	0.26	2.8	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	4.5	0.30	2.8	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	5.0	0.34	2.8	<input type="checkbox"/>	●	<input type="checkbox"/>																	
	1-Thread, With Chipbreaker	161° 100ISO-TS 150ISO-TS 200ISO-TS	TNN321° 100M-TS 150M-TS 200M-TS	-	-	-	1.0						0.07	0.8	60°				<input type="checkbox"/>			J35	
							1.5						0.11	1.1					<input type="checkbox"/>				
							2.0						0.14	1.5					<input type="checkbox"/>				
											<input type="checkbox"/>												

For recommended cutting conditions, see page J29

● Applicable Toolholder

Description	Applicable Toolholder	Ref. Page for Toolholder	Description	Applicable Toolholder	Ref. Page for Toolholder
11IR ...	SINR...-11E SINR...-11	J17	16IR ...	SINR...-16 CINR...-16	J17
11IL ...	SINL...-11E SINL...-11		16IL ...	SINL...-16 CINL...-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 Tapered Pipe
	G (PF): Parallel Pipe	Tr: 30°Trapezoidal

● : Std. Item □ : Check Availability

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

Inserts are sold in 10 piece boxes.