



























# TOP NOTCH Threading Insert Overview

Chip Control - K	Style		Thread Profile	Standard	Tolerance Class	Cresting	Application	Page
	Neutral	Positive						
NT-K 	NT 	NTP 	Partial Profile 60°	-	-	N	general use for 60° thread forms such as ISO and UN where non-cresting inserts are desired to cut a variety of pitches	C36
NT-CK 			Partial Profile 60° -coarse pitch	-	-	N	coarse pitch 60° thread forms such as ISO and UN where non-cresting inserts are desired to cut a variety of pitches	C37
	NTF 	NTK 	Partial Profile 60° -fine pitch	-	-	N	fine pitch 60° thread forms such as ISO and UN where non-cresting inserts are desired to cut a variety of pitches – able to thread close to shoulders	C37 C38
	NTU 		Partial Profile 60° -four-edged insert	-	-	N	four-edged insert for 60° partial profile threading – requires NSU-style toolholder for size 4U insert	C38
	NTC-M 		Metric ISO	ISO R262, DIN 13	6g / 6H	Y	widely used metric 60° V-form for all industries	C38
	NTC 		American UN	ANSI B1.1:74	2A / 2B	Y	widely used inch-based 60° V-form for all industries	C39
	NJ 	NJP 	UNJ	MIL-S-8879C	3A / 3B	N	controlled root radius on external threads for military and aerospace industries	C40
	NJF 	NJK 	UNJ -fine pitch	MIL-S-8879C	3A / 3B	N	controlled root radius on external threads for military and aerospace industries – able to thread close to shoulders	C40 C41
	NDC-V 		NPT	USAS B2.1:1968	Standard NPT	Y	National Pipe Thread standard forms for pipe fittings	C42
	NDC-V-M 		NPT - multitooth	USAS B2.1:1968	Standard NPT	Y	high productivity multitooth threading inserts for NPT threads	C42
	NWC 		Whitworth, BSW, BSP	BS 84:1956, ISO 228/1:1982, DIN 259	Medium Class A	Y	widely used 55° form for gas and water connections	C42
	ND 		API Rotary Shoulder Connections - partial profile	API SPEC. 7:1990	Standard API	N	60° V-form used for rotary shoulder pipe connections in the oil and gas industry including V-.038R, V-.040, and V-.050 forms	C43
	NDC 		API Rotary Shoulder Connections - cresting	API SPEC. 7:1990	Standard API	Y	60° V-form used for rotary shoulder pipe connections in the oil and gas industry including V-.038R, V-.040, and V-.050 forms – complete cresting form including taper	C43
	NDC-RD 		API Round	API STD. 5B:1979	Standard API RD	Y	60° V-form with large radius for casing, tubing and line pipe in the oil and gas industry including 8 and 10 round forms	C44
	NDC-RD-M 		API Round - multitooth	API STD. 5B:1979	Standard API RD	Y	high productivity multitooth threading inserts for API round threads	C44
	NA 		Acme	ANSI B1.5:1988	3G	N	29° truncated thread form for motion applications in a wide variety of industries	C45
	NAS 		Stub Acme	ANSI B1.8:1988	2G	N	shallow depth 29° truncated thread form for motion applications in a wide variety of industries	C46
	NTB-A 		American Buttress · 7° pressure flank leading (Push)	ANSI B1.9:1973	Class 2	N	sawtooth form for axial load bearing applications in a variety of industries – use the "A" style when the 7° pressure flank is the leading edge	C46
	NTB-B 		American Buttress · 45° clearance flank leading (Pull)	ANSI B1.9:1973	Class 2	N	sawtooth form for axial load bearing applications in a variety of industries – use the "B" style when the 45° clearance flank is the leading edge	C46

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TOP NOTCH

TECHNICAL DATA

THREADING TOOLS