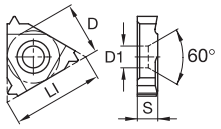
LT Threading – Insert Identification System

insert size	LI (mm)	D (inch)	D (mm)	S (inch)	S (mm)	D1 (inch)	D1 (mm)
11	11,0	.250	6,35	.126	3,20	.128	3,25
16	16,5	.375	9,52	.143	3,63	.155	3,94



ER – external right hand
EL – external left hand
NR – internal right hand
NL – internal left hand

K – KENNA UNIVERSAL chipbreaker

2. Cutting Edge Length (Size)

3. Hand of Insert

6. Chip Control

LT **16** **ER** **20** **UN** **K**

1. Type of Insert

LT-laydown triangle threading

4. Thread Pitch

designation	thread pitch (mm)	TPI
partial profile		
A	0,50 - 1,5	48 - 16
AG	0,50 - 3,0	48 - 8
G	1,75 - 3,0	14 - 8
N	3,50 - 5,0	7 - 5
	full profile	
actual TPI or pitch in mm is designated	0,5 - 4,0	48 - 8

5. Thread Profile

ISO – ISO metric 60°
UN – American UN 60°
60 – Partial Profile non-cresting 60°

LT Threading – Insert Overview Table

Style -K		Thread Profile	Standard	Tolerance Class	Cresting	Application
LT-60K		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
LT-ISOK		Metric ISO	ISO R262, DIN 13	6g / 6H	Y	widely used metric 60° V-form for all industries
LT-UNK		American UN	ANSI B1.1:74	2A / 2B	Y	widely used inch-based 60° V-form for all industries