Threading usually produced by tharning or tapping and recently by thread milling tools duo to the CNC machine that become more and more popular in the metal industry. Most of the CNC machine use XYZ (for Thread milling need circular movement on XY plane and linear movement on Z (helical interpolation movement).

Why use solid Thread milling tools?

* small diameter tools can produce a large diameter of threads
  (for example: 1"-12UNF -the tool shank Dia=16 mm)
* same tools for right hand & left hand threads
* same tools for single or multiple thread leads
* any tools with the same pitch can be produced
  all the thread size above that are recommended
  (for example:the tool for M6x1 can produced all the size above 6 mm, pitch = 1.0mm)
* short machining time
* the gage inspection can be adjusted by programing as compensation
* high surface finish
* machining of hard materials
* better cost effective then tap
* helical flutes reduce vibration and improve the surface finish