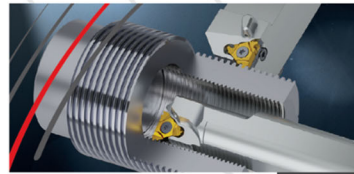


INDUSTRY NEWS



MACH TT Thread Turning Line Expansion!



Now available in:
External - IC 3/8" & IC 1/2" | Internal - IC 3/8"

Features and Innovations

Improved Rake & Reinforced Geometry

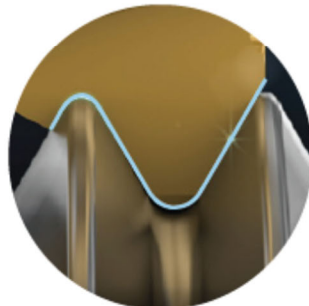
For high resistance with a reduced number of passes

VK8 Grade

High wear resistance for general purpose applications
AlTiN + TiN PVD coating

Improved Profile Design

Superior threading surface finish



Advanced Surface Treatment

Reinforced cutting edge and smooth surface finish

INDUSTRY NEWS

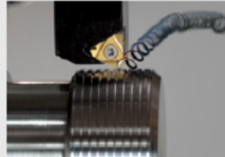
MORE THAN 2 TIMES FASTER



MACH TT External

Application: M64x3.0x33 | Material: SAE 4140 | Cutting Speed: Vc = 100 m/min

STANDARD
15 Passes | 40 sec.



MACH TT
6 Passes | 15 sec.



60% less passes
60% less machining time
50% more tool life



MACH TT Internal

Application: M36x2.0x17 | Material: SAE 4140 | Cutting Speed: Vc = 100 m/min

STANDARD
12 Passes | 13 sec.



MACH TT
5 Passes | 5 sec.



60% less passes
60% less machining time
50% more tool life



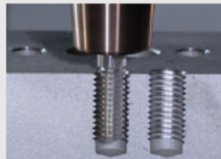
MACH TM

Application: M10x1.5x20 | Material: SAE 4140 | Cutting Speed: Vc = 90 m/min

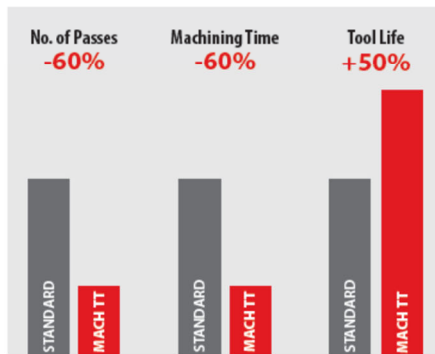
STANDARD (3 Flutes)
feed 0.15 mm/rev | 7 sec.



MACH TM (4 Flutes)
feed 0.4 mm/rev | 3 sec.



100% higher feed (mm/flute)
60% less machining time
25% more tool life



Advantages

- ✓ Significantly reduces the number of passes
- ✓ Dramatically decreases machining time
- ✓ Extended tool life
- ✓ Excellent surface finish
- ✓ Eccentric tool overhang design for deeper threads and improved stability (internal)