

Product Introduction

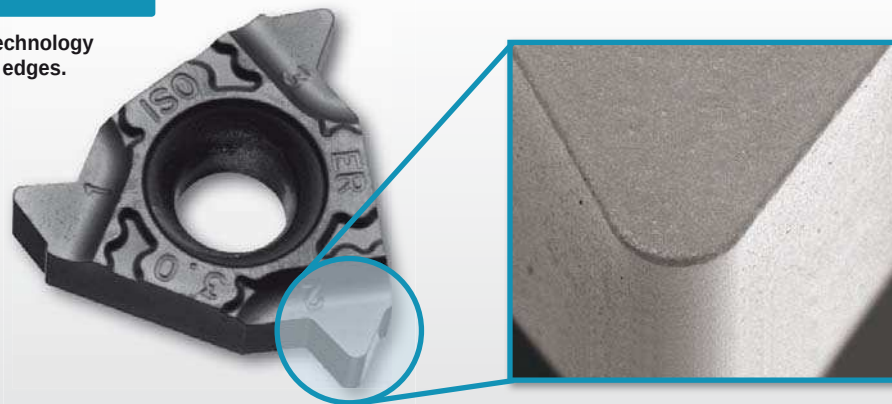
TF Series Threading Inserts

High quality edge and new grade insert PR1115 achieve long tool life. In addition, its molding specification makes it economical.

High Quality Cutting Edge

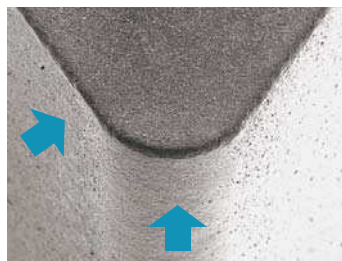
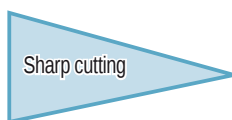
TF series

- High precision fine molding technology produces high quality cutting edges.



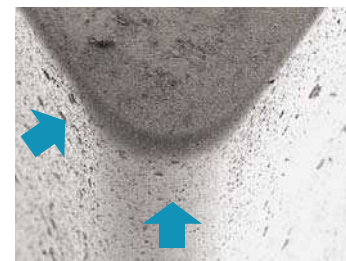
Cutting Edge close-up picture

Consistent micro honing technology enables sharpness and high quality thread shape.



16ER150ISO-TF

Inconsistent edge honing condition.



Competitor

Available for every standard screw thread.

Metric (M)

Tapered Pipe [R, Rc (PT), (BSPT)]

Unified (UN)

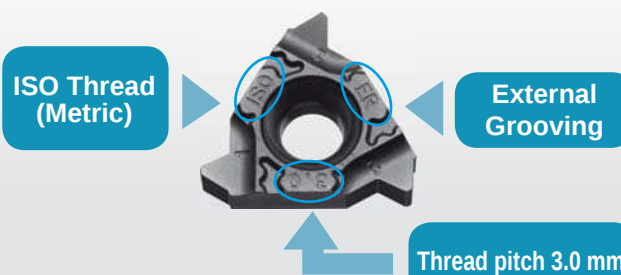
60° Angle (Partial Profile)

Parallel Pipe [G(PF)]

55° Angle (Partial Profile)

Whitworth (W)

Clear markings provide user friendly insert identification.



• 16--TF has the mark on its top face side, and 11--TF has the mark on its seating face side (bottom side).

Case Studies

15CrMo4 (SCM415)	
- Machine Part - Vc=65m/min - WET	
16ER150ISO-TF(PR1115)	1800 pcs/edge
Competitor A	600 pcs/edge
New TF Series extended the tool life 3 times compared to Competitor A. (Evaluation by the user)	

C25 (S25C)	
- Nut - Vc=262m/min - WET	
16IR150ISO-TF(PR1115)	500 pcs/edge
Competitor B	300 pcs/edge
New TF Series extended the tool life 1.7 times compared to Competitor B. (Evaluation by the user)	