4TEX® DRILL

Pump the breaks on rising tooling costs.

Experiencing increasing tooling costs and a lack of support, our customer who machines pump bodies in the industrial equipment industry knew a change must be made to increase tool life like they desired.

With the ***4TEX drill*** and ISO-specific "K" geometry insert, a four-sided indexable insert with wear-resistant coating, the customer was able to see a significant increase in tool life. The attention to detail and support right at the spindle allowed them to decrease cycle time and increase penetration rates.

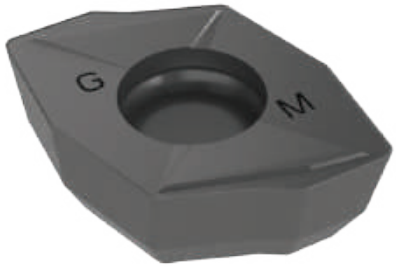
Don't let your challenges slow you down. ***Contact us for cutting tool solutions and support you won't regret.***

Product:	4TEX drill
Objective:	Increase tool life
Industry:	Heavy equipment
Part:	Pump bodies
Material:	Ductile iron
Hole Ø:	1.1560" *(29.36 mm)*
Hole Depth:	2.0000" *(50.80 mm)*
Tolerance:	+/- 0.0080" *(0.20 mm)*

Measure	Competitor Drill	4TEX Drill
RPM	991	770
Speed	300 SFM *(91.44 m/min)*	233 SFM *(71.02 m/min)*
Feed Rate	0.0015 IPR *(0.04 mm/rev)*	0.0048 IPR *(0.12 mm/rev)*
Penetration Rate	1.50 IPM *(38.1 mm/min)*	3.70 IPM *(94.0 mm/min)*
Cycle Time	1 min 20 sec	32 sec
Tool Life	56 holes	280 holes

- 4TEX drill holder
  2xD length
  Item No. D2091156I-125F
- 4TEX drill inserts
  K geometry (cast iron)
  Item No. 4T-09T306-K

400% tool life increase



The four-sided indexable inserts with wear-resistant coating provided:

- ✓ Decreased cycle time
- ✓ Increased tool life
- ✓ Increased penetration rate