



Good Things Come to Those Who Don't Wait.

Don't be held back by the waiting game. Our customer who machines pump cylinders was previously having to wait on 35-to-40-day lead times.

Needing better lead times and lower costs per hole, the customer tested Allied's **GEN3SYS XT Pro drill**. Using the "K" ISO-specific cast iron insert geometry—developed with a corner radius for improved hole finish and heat dispersion—they were able to maintain speed while increasing penetration rate and tool life.

On top of the increased tool life, the GEN3SYS XT Pro had a decreased cycle time lowering the cost per hole by 18%. The success of the XT Pro in this application is just another example of why you should go with the pro.

Don't wait; *it's always the right time to give us a call and let us help you find the right solution.*

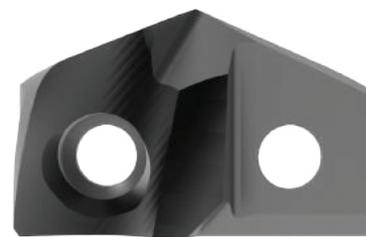


		Measure	Competitor Replaceable Insert Drill	GEN3SYS XT Pro
Product:	GEN3SYS XT Pro			
Objective:	(1) Reduce lead time (2) Decrease cost per hole	RPM	2600	2600
Industry:	General machining	Speed	442 SFM (134.00 M/min)	442 SFM (134.00 M/min)
Part:	Pump cylinder	Feed Rate	0.0090 IPR (0.23 mm/rev)	0.0110 IPR (0.28 mm/rev)
Material:	Nodular iron	Penetration Rate	23.4 IPM (594.0 mm/min)	28.6 IPM (726.0 mm/min)
Hole Ø:	0.6496" (16.50 mm)	Total Part Cycle Time	6.77 sec	5.44 sec
Hole Depth:	1.9685" (50.00 mm)	Tool Life	5920 holes	7840 holes
Tolerance:	+/- 0.0039" (0.10 mm)	GEN3SYS XT Pro offered 18% cost per hole savings over the competitor tooling.		

▶ GEN3SYS XT Pro holder
Item No. HXT0716S-20FM

▶ GEN3SYS XT Pro insert
K geometry (cast iron)
Item No. XTK16-16.50

32%
tool life increase



The GEN3SYS XT Pro insert with ISO-specific AM440 coating provided:

- ✓ Decreased lead times
- ✓ Decreased cycle time
- ✓ Decreased cost per hole
- ✓ Increased penetration rate

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