

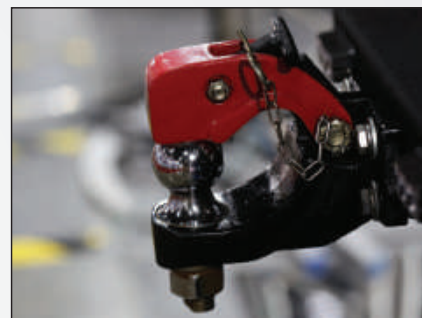


Dependable solutions without a hitch.

When machining trailer hitch components in 303 stainless steel, our customer was experiencing sporadic failures after 1500 inches. Because the load meter was not indicating an issue, the tool would blow up. Wanting a more dependable solution that also provided longer tool life, they contacted us for the solution.

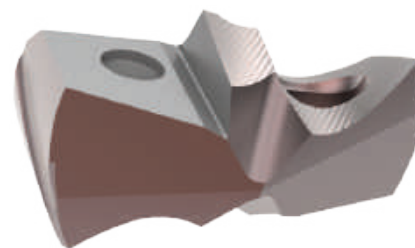
The **GEN3SYS XT Pro** and ISO-specific **"M" geometry insert** with AM460 coating, known for its industry-leading tool life, toughness, and wear resistance, provided the results they were looking for. Not only were the catastrophic failures eliminated, but they also saw a significant increase in tool life.

Your manufacturing processes can go off without a hitch, too. **Contact us for cutting tool solutions you can depend on.**



		Measure	Competitor Drill	GEN3SYS XT Pro
Product:	GEN3SYS XT Pro			
Objective:	(1) Eliminate sporadic catastrophic failures (2) Increase tool life	RPM	1500	1690
Industry:	General machining	Speed	247 SFM (75.29 m/min)	280 SFM (85.34 m/min)
Part:	Trailer hitch component	Feed Rate	0.0080 IPR (0.20 mm/rev)	0.0071 IPR (0.18 mm/rev)
Material:	303 stainless steel	Penetration Rate	12.00 IPM (304.8 mm/min)	12.00 IPM (304.8mm/min)
Hole Ø:	0.6300" (16.00 mm)	Cycle Time	12 sec	12 sec
Hole Depth:	2.4000" (60.96 mm)	Tool Life	915 holes	1480 holes
Tolerance:	+/- 0.0050" (0.13 mm)			

- ▶ GEN3SYS® XT Pro insert
M geometry (stainless steel)
Item No. XTM16-16.00
- ▶ GEN3SYS® XT Pro insert holder
Item No. HXT0516S-075F



62%
tool life increase



The AM460 coated GEN3SYS XT Pro drill insert for use in stainless steels provided:

- ✓ Eliminated catastrophic failures
- ✓ Increased tool life