

stainless steel drilling  
**SOLUTIONS**

[www.alliedmachine.com](http://www.alliedmachine.com)

**GEN3SYS<sup>®</sup> XT Pro**

Ø 12.00 mm - 35.00 mm (0.4724" - 1.3780")

STAINLESS STEEL "M" GEOMETRY



Inserts designed to achieve **optimal results** in **M** ISO-specific materials (300 and 400 series, super duplex stainless steels, and other hard-to-machine materials).



Allied Machine offers a wide range of drilling, boring, reaming, burnishing, and threading tools to lower your **cost per hole**.

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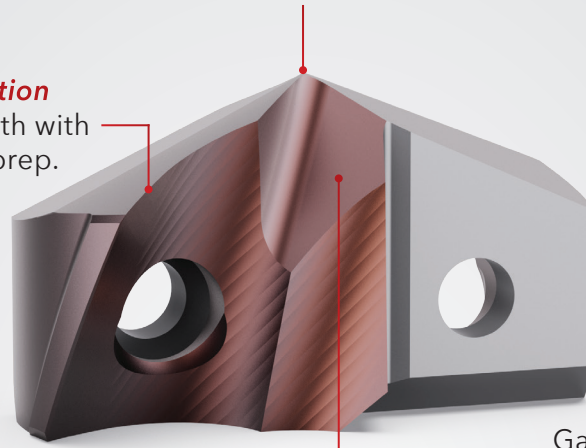


# GEN3SYS<sup>®</sup> XT *Pro* STAINLESS STEEL "M" GEOMETRY

Ø 12.00 mm - 35.00 mm (0.4724" - 1.3780")

Run **higher penetration** rates while drilling straighter holes with the self-centring point.

Achieve **optimal chip formation** without sacrificing edge strength with the unique geometry/edge prep.



Gain **industry-leading tool life** in stainless steels with AM460 coating.

## REAL-LIFE RESULTS

**Project Profile:** Trailer Hitch Component in 303 Stainless  
**Tooling Solution:** GEN3SYS XT Pro: Stainless Steel (M) Geometry

**The Parameters:**

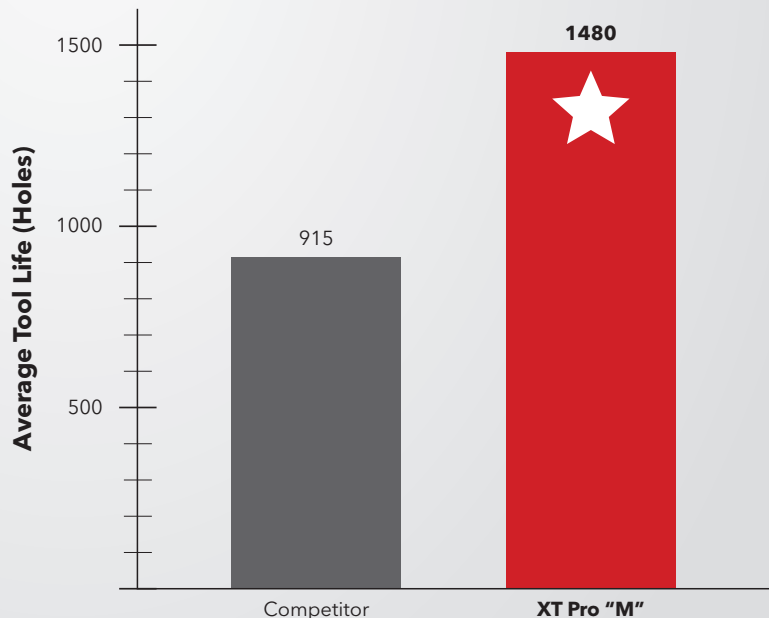
- Hole Diameter: 16.00 mm (0.6300")
- Depth of Cut: 60.96 mm (2.4000")
- Tolerance: +/- 0.13 mm (0.0050")

**Competitor Tooling:**

- Speed: 75.29 m/min (247 SFM)
- Feed: 0.20 mm/rev (0.0080 IPR)
- Penetration Rate: 304.8 mm/min (12 IPM)
- Tool Life: **915 holes**

**GEN3SYS XT Pro "M" Geometry:**

- Speed: 85.34 m/min (280 SFM)
- Feed: 0.18 mm/rev (0.0071 IPR)
- Penetration Rate: 304.8 mm/min (12 IPM)
- Tool Life: **1480 holes**



Allied Machine offers expert engineering support. Whether you need a quote, a test, or an application solution, a highly skilled and trained engineer is standing by, ready to help.  
[www.alliedmachine.com/contactus](http://www.alliedmachine.com/contactus)

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