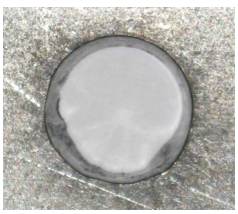
Hypertherm®

True Hole technology for XPR

True Hole®, part of Hypertherm's SureCut™ technology was launched in 2008 with the HPRXD® autogas family of products. It is now also offered on Hypertherm's new XPR300™ system. TrueHole for mild steel produces significantly better hole quality than what has been previously possible using plasma. Equally important, True Hole technology is delivered automatically without operator intervention, to produce unmatched hole quality.

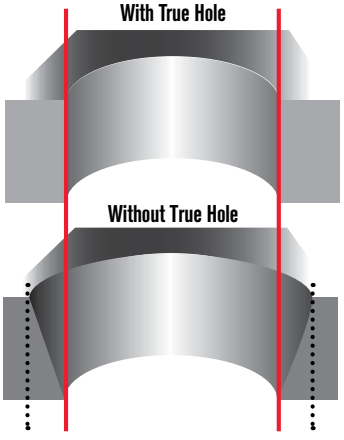
With True Hole technology

Without True Hole technology



Benefits of True Hole for XPR

- Bolt hole quality is delivered automatically without operator intervention
- Narrows the gap with laser hole quality making the plasma process suitable for many jobs previously cut with laser
- Virtually eliminates hole taper
- Improves top and bottom level roundness
- Delivers true "bolt-hole" quality



True Hole technology requires a Hyperformance® Plasma HPRXD® or XPR300™ system along with a True Hole enabled cutting machine. Consult with your machine manufacturer for more details on specific components you may require.

Note: HPRXD must be autogas configuration only

Available now from Hypertherm and our partners.

SureCut™

Maximizing performance through embedded expertise

True Hole performance is optimized through seamless integration of all of the components.

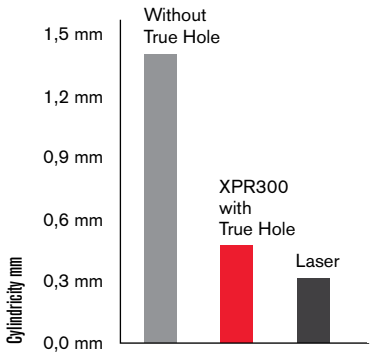
Revolutionary plasma performance: True Hole cut quality

As part of Hypertherm's SureCut technology, True Hole® for mild steel is exclusively available for use in conjunction with Hypertherm's HPRXD® and XPR300™ plasma systems. True Hole is automatically applied by nesting software or CNC software to thicknesses up to 25 mm. Hole coverage ranges from hole diameter to thickness ratios from 2:1 to as low as 1:1.

True Hole technology is a specific combination of the following parameters that is linked to a given amperage, material type, material thickness and hole size:

- Process gas type
- Gas flow
- Amperage
- Piercing methodology
- Lead in/lead out technique
- Varying speeds across multiple hole segments
- Arc termination synchronized with torch motion

10 mm holes, 9,5 mm mild steel plate, 130 A process



True Hole processes for XPR by thickness

	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	20 mm	22 mm	25 mm
30 A	■	■	■								
80 A				■	■	■					
130 A					■	■	■				
170 A						■	■	■			
300 A								■	■	■	■

Note: Interpolated hole settings between thicknesses may be possible. Contact your machine manufacturer for details.

See True Hole in action at www.hypertherm.com/truehole

One of Hypertherm's long-standing core values is a focus on minimizing our impact on the environment. Doing so is critical to our, and our customers' success. We are always striving to become better environmental stewards; it is a process we care deeply about.

Greener Cuts™

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Hypertherm®
SHAPING POSSIBILITY™