

True Hole technology

As part of Hypertherm's SureCut™ technology, True Hole® 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

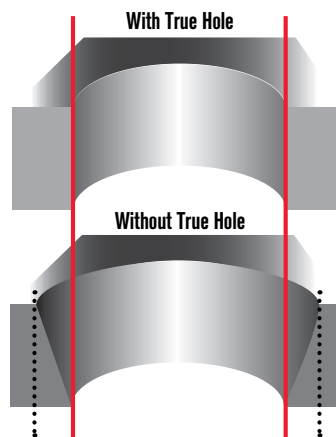


Without True Hole technology



Benefits

- 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
- Virtual elimination of hole taper
- Ding is reduced and biased to the outside of the hole
- Delivers true "bolt-hole" quality



True Hole technology requires a HyPerformance® Plasma HPRXD® auto gas system along with a True Hole enabled cutting machine. Consult with your machine manufacturer for more details on specific components you may require.

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.

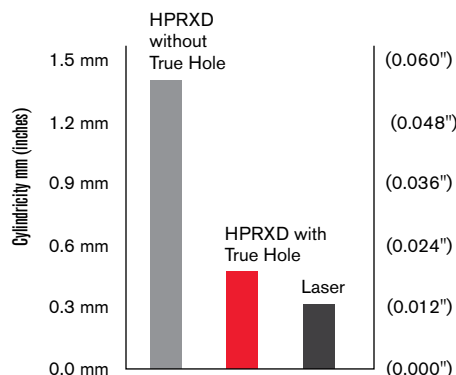
Revolutionary plasma performance: True Hole cut quality

As part of Hypertherm's SureCut™ technology, True Hole® for mild steel is exclusively available for use in conjunction with Hypertherm's HPRXD® auto gas plasma systems. True Hole is automatically applied by the nesting software or CNC software to holes up to 25 mm (1 inch) diameter and hole diameter to thickness ratios from 2.5 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
- Cut speed
- Reduced timing to optimize hole features

10 mm holes, 9.5 mm mild steel plate, 130 A process
(0.394" holes, 3/8" mild steel plate)



True Hole processes 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	■	■	■								
50 A	■	■	■	■							
80 A			■	■							
130 A					■	■	■				
200 A						■	■	■			
260 A							■	■	■		
400 A									■	■	■

	10 ga	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
30 A	■	■							
50 A	■	■	■						
80 A		■	■						
130 A			■	■	■				
200 A				■	■	■			
260 A					■	■	■		
400 A							■	■	■

Bevel consumable

	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	15 mm	20 mm	22 mm	25 mm
80 A			■	■							
130 A						■	■				
260 A							■	■	■		
400 A									■	■	■

	10 ga	3/16"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
80 A		■	■						
130 A				■	■				
260 A					■	■	■		
400 A							■	■	■

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

Hypertherm, SureCut, True Hole, HyPerformance, and HPR are trademarks of Hypertherm Inc. and may be registered in the United States and/or other countries. All other trademarks are the property of their respective owners.

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.

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