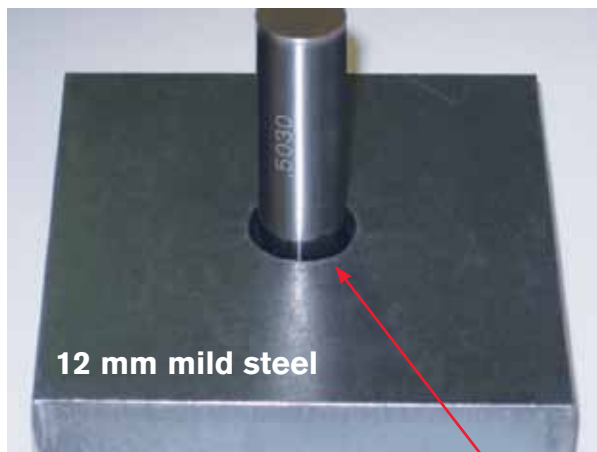


# Introducing **True Hole™ technology**

Hypertherm's patent-pending True Hole cutting technology for mild steel produces significantly better hole quality than what has been previously possible using plasma. This is delivered automatically without operator intervention, to produce unmatched hole quality that surpasses the competition.

12 mm hole *without* True Hole technology  
cut with HPRXD® Plasma



12 mm hole *with* True Hole technology  
cut with HPRXD® Plasma



**Cylindricity is a  
measure of  
hole quality**



True Hole Technology requires a HyPerformance Plasma HPRXD auto gas system along with a True Hole enabled cutting table, nesting software, CNC, and torch height control. Consult with your table manufacturer for more details.

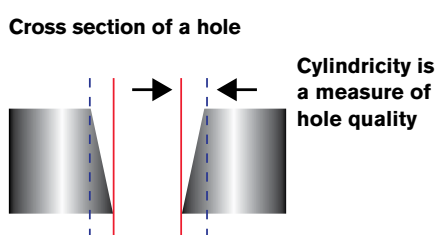
**Hypertherm®**

# Revolutionary plasma performance: True Hole™ cut quality

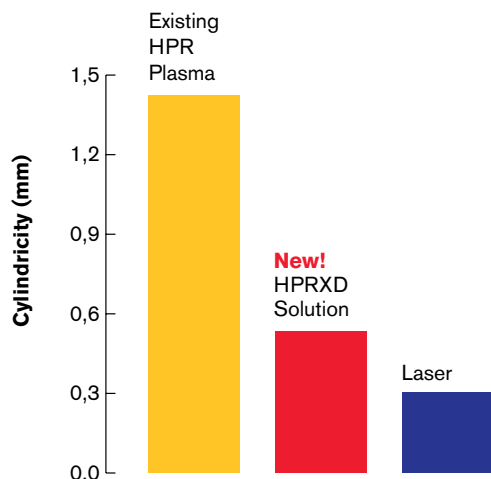
Hypertherm's True Hole cutting technology for mild steel is exclusively available for use on Hypertherm's HPRXD auto gas plasma systems and is automatically applied by our cutting optimization and nesting software and CNC software to holes up to 25 mm with hole diameter to thickness ratios as low as 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/out technique
- Cut speed
- Timing



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



## Process coverage with True Hole technology

### Standard consumable

|       | 3 mm | 4 mm | 5 mm | 6 mm | 8 mm | 10 mm | 12 mm | 15 mm | 20 mm | 22 mm | 25 mm |
|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| 30 A  | X    | X    | X    |      |      |       |       |       |       |       |       |
| 50 A  | X    | X    | X    | X    |      |       |       |       |       |       |       |
| 80 A  |      |      | X    | X    |      |       |       |       |       |       |       |
| 130 A |      |      |      |      | X    | X     | X     |       |       |       |       |
| 200 A |      |      |      |      |      | X     | X     | X     |       |       |       |
| 260 A |      |      |      |      |      |       | X     | X     | X     |       |       |
| 400 A |      |      |      |      |      |       |       |       | X     | X     | X     |

### 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  |      |      | X    | X    |      |       |       |       |       |       |       |
| 130 A |      |      |      |      |      | X     | X     |       |       |       |       |
| 260 A |      |      |      |      |      |       | X     | X     | X     |       |       |
| 400 A |      |      |      |      |      |       |       |       | X     | X     | X     |

**Hypertherm**®

www.hypertherm.com

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