NOZZLE
TUNGSTENEX-™

THERMACUT®
THE CUTTING COMPANY®

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TUNGSTENEX-™ NOZZLES WITH TRIPLE THE LIFESPAN

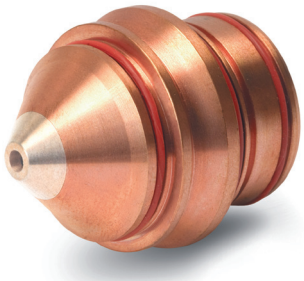
Thermacut introduces advanced plasma technology for HPR®130 and HPR®260 plasma cutting systems.
TungstenEX-™ nozzles offer three times longer lifetime for your HPR®130/HPR®260 plasma cutting system.
TungstenEX-™ nozzles extend your plasma systems cycle.

TungstenEX-™ nozzles consist of two parts: copper base and composite tungsten insert. The tungsten insert is a special material locked into the nozzle base which offers the following advantages:

- Increasing the durability of the nozzle to plasma arc erosion
- The improved heat resistence of the insert reduces rapid nozzle wear and delivers consistant cut quality
- TungstenEX-™ nozzles have increased resistance to the adhesion of molten material sprayback

TungstenEX-™ nozzles are unique and only available through Thermacut.
TungstenEX-™ technology is patented in the USA and patent pending in EU countries.

220439-UR-W



220354-UR-W

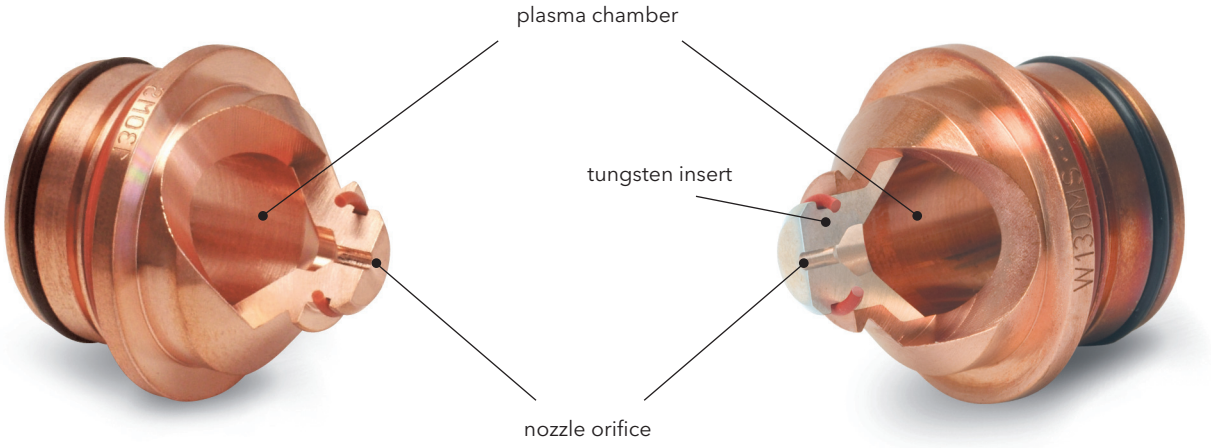
220182-UR-W

SCHEMATIC:

THE CUT AWAY IMAGES BELLOW SHOW THE COMPARISON BETWEEN A STANDARD COPPER NOZZLE AND THE TUNGSTENEX-™ MANUFACTURED BY THERMACUT

Ordinary copper nozzle

TungstenEX-™ nozzle 220182-UR-W



CUT QUALITY ACHIEVED WITH TUNGSTENEX-™ NOZZLES

Cutting speed 2,6 m/min.
10 mm mild steel, 130A
Cut angle 0°–3°

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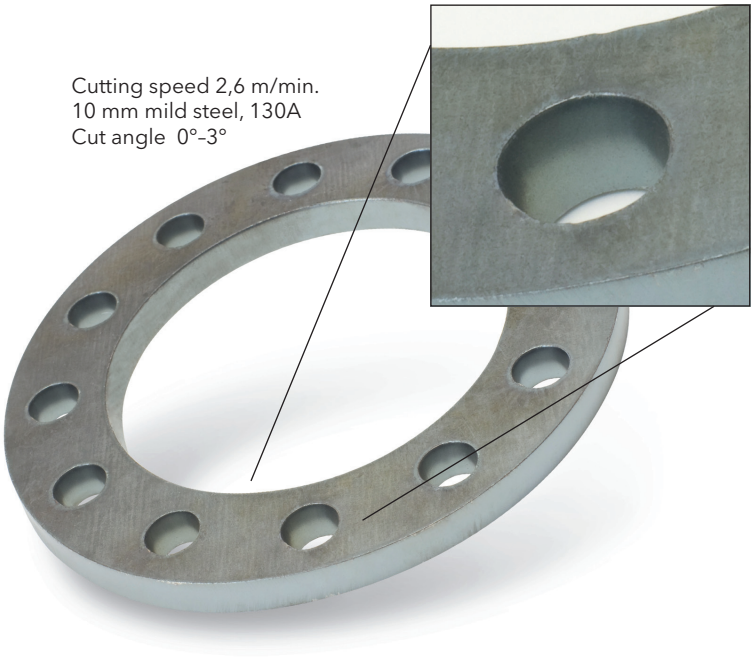
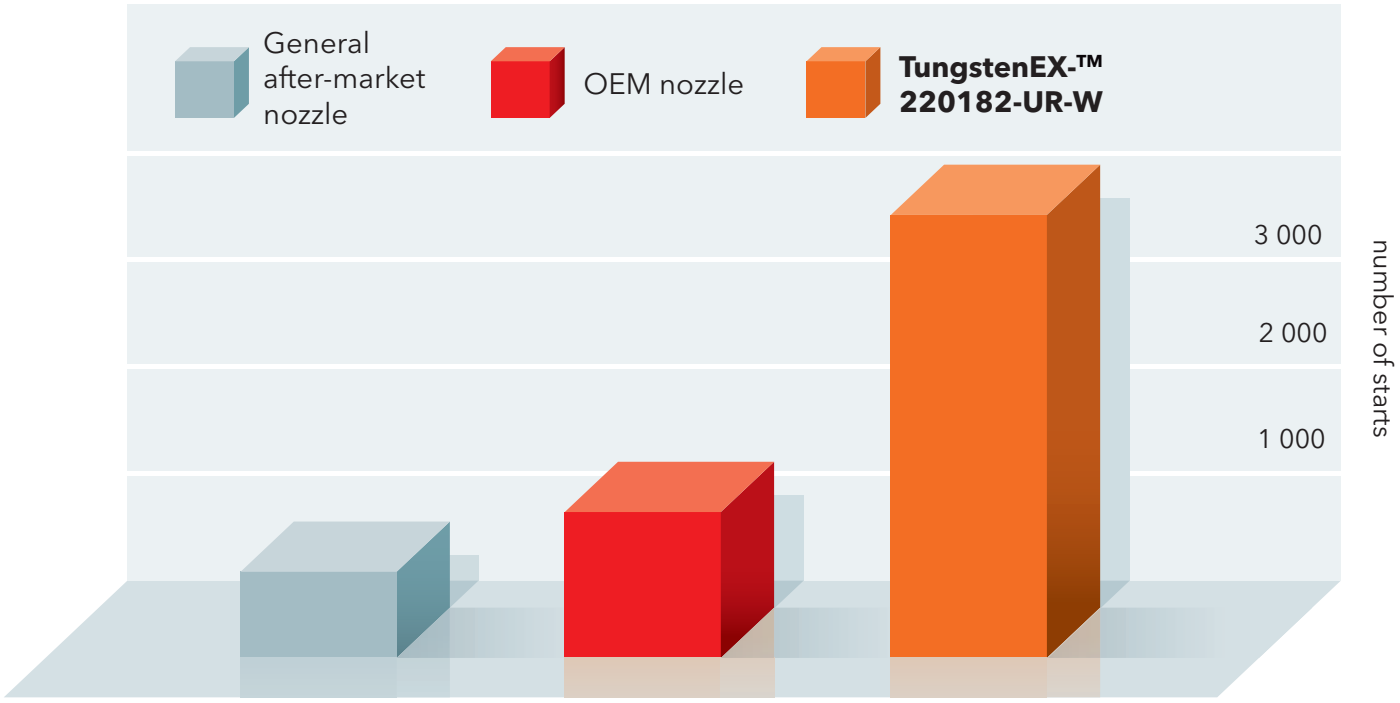


GRAPH: THE NUMBER OF STARTS ACHIEVED WITH TUNGSTENEX-™ NOZZLES COMPARED TO OTHER MANUFACTURERS (130AMP, MILD STEEL)



TUNGSTENEX-™ NOZZLES

Item	Part No.	Ref. No.	Description	OEM producer	Torch
1.	220439-UR-W	T-4697**	Nozzle, Mild Steel 260A	Hypertherm®	HPR®130/HPR®260
2.	220354-UR-W	T-4696**	Nozzle, Mild Steel 200A	Hypertherm®	HPR®130/HPR®260
3.	220182-UR-W	T-4695**	Nozzle, Mild Steel 130A	Hypertherm®	HPR®130/HPR®260

Product usage tip:
Use the TungstenEX-™ nozzle with SilverEX-® electrodes to achieve the maximum efficiency from your plasma cutting system. For the best performance it is recommended to change the SilverEX-® electrode when the hafnium is worn to 1,5mm deep.

SilverEX® ELECTRODE

TungstenEX® NOZZLE

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