

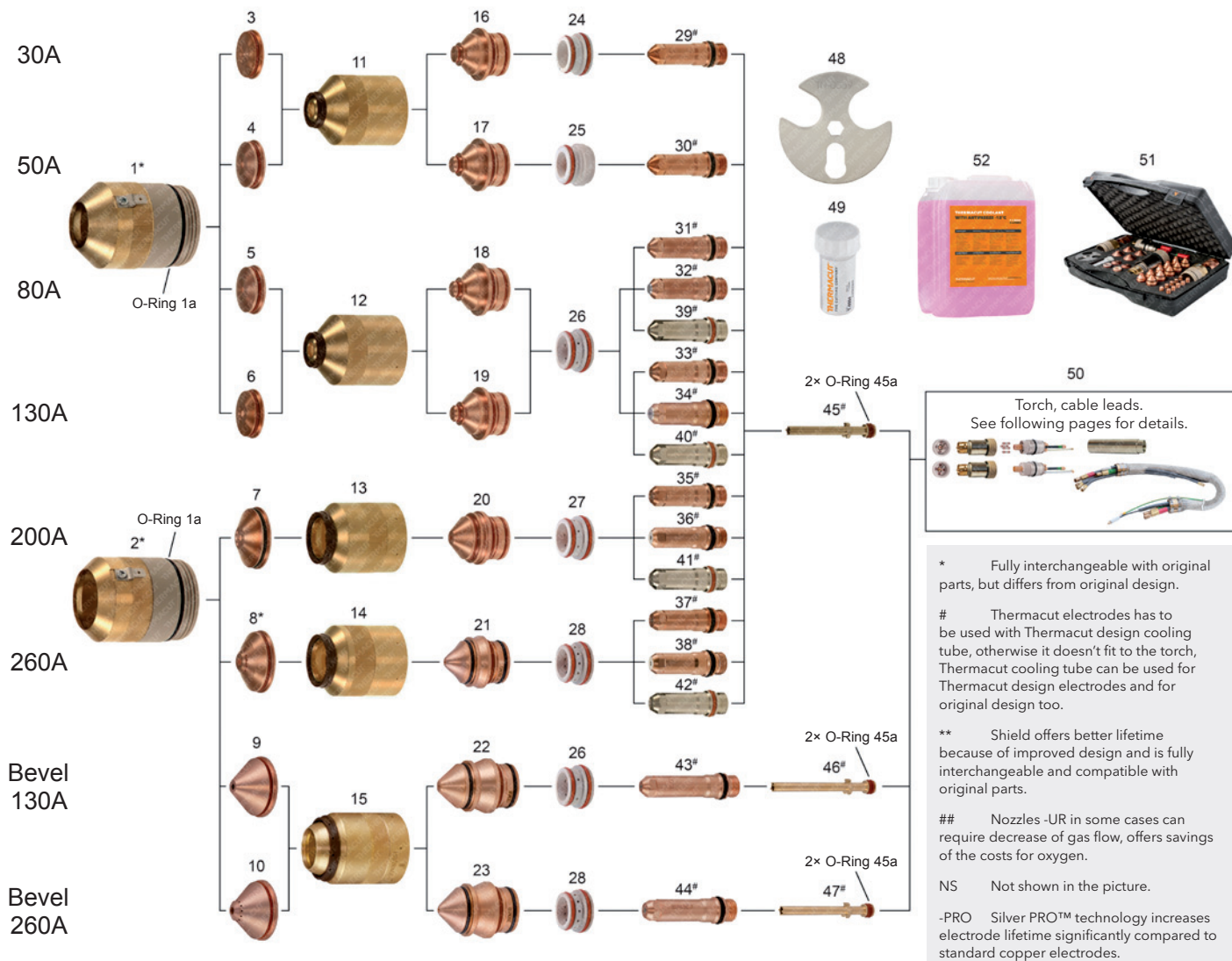
REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HPR®130/HPR®260



THERMACUT®
THE CUTTING COMPANY®

SALES DEPARTMENT THERMACUT, K.S.
DUKELSKÁ 76A, 742 42 ŠENOV U NOVÉHO JIČINA
TEL.: +420 556 423 440
E-MAIL: SALES@THERMACUT.CZ
WWW.THERMACUT.COM

THERMACUT TORCH SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HPR®130/HPR®260 MILD STEEL



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-9961	220173-UR	Shield Cap 30–130A	1	23.	T-10308##	220542-UR	Nozzle 260A, Bevel	1
1a.	N-10099	1-031B	O-Ring	1		T-10939	220542	Nozzle 260A, Bevel	1
2.	T-9964	220398-UR	Shield Cap 200/260A (130/260A, Bevel)	1	24.	T-10297	220180	Swirl Ring 30A	1
3.	T-10878	220194	Shield 30A	10	25.	T-10305	220553	Swirl Ring 50A	1
4.	T-10882	220555	Shield 50A	10	26.	T-10295	220179	Swirl Ring 80/130 (130A, Bevel)	1
5.	T-9838	220189	Shield 80A	10	27.	T-10296	220353	Swirl Ring 200A	1
6.	T-9839	220183	Shield 130A	10	28.	T-10271	220436	Swirl Ring 260A (260A, Bevel)	1
7.	T-9965	220356	Shield 200A	1	#29.	T-9894#	220192-UR	Electrode 30A	5
8.	T-9970	220440-UR	Shield 260A	1	#30.	T-10306#	220552-UR	Electrode 50A	5
9.	T-10311	220645	Shield 130A, Bevel	1	#31.	T-9895#	220187-UR	Electrode 80A	5
10.	T-10881	220545	Shield 260A, Bevel	1	#32.	T-12064#	220187-PRO	Electrode, Silver PRO™ 80A(=220566)	5
11.	T-11146	220313	Inner Retaining Cap 30/50A	1	#33.	T-9920#	220181-UR	Electrode 130A	5
12.	T-11144	220176	Inner Retaining Cap 80/130A	1	#34.	T-11203#	220181-PRO	Electrode, Silver PRO™ 130A(=220665-PRO)	5
13.	T-11149	220355	Inner Retaining Cap 200A	1	#35.	T-9969#	220352-UR	Electrode 200A	5
14.	T-11150	220433	Inner Retaining Cap 260A	1	#36.	T-11200#	220352-PRO	Electrode, Silver PRO™ 200A(=220666-PRO)	5
15.	T-11151	220603	Inner Retaining Cap 130A/260A, Bevel	1	#37.	T-9974#	220435-UR	Electrode 260A	5
16.	T-9834##	220193-UR	Nozzle 30A	1	#38.	T-11197#	220435-PRO	Electrode, Silver PRO™ 260A(=220668-PRO)	5
	T-10936	220193	Nozzle 30A	1	#39.	T-4927#	220187-AG	Electrode, SILVER-EX® 80A	5
17.	T-10313##	220554-UR	Nozzle 50A	1	#40.	T-4917#	220181-AG	Electrode, SILVER-EX® 130A	5
	T-10940	220554	Nozzle 50A	1	#41.	T-4925#	220352-AG	Electrode, SILVER-EX® 200A	5
18.	T-9835##	220188-UR	Nozzle 80A	1	#42.	T-4926#	220435-AG	Electrode, SILVER-EX® 260A	5
	T-10935	220188	Nozzle 80A	1	#43.	T-10309#	220649-UR	Electrode 130A, Bevel	5
19.	T-9836##	220182-UR	Nozzle 130A	1	#44.	T-10307#	220541-UR	Electrode 260A, Bevel	5
	T-10934	220182	Nozzle 130A	1	#45.	T-9882#	220340-UR	Cooling Tube 30–260A	1
NS	T-10248	220510-UR	Nozzle 100A, HD*3070 upgrade	1	45a.	T-13016	026009	O-Ring	1
NS	T-11265	220510	Nozzle 100A, HD*3070 upgrade	1	#46.	T-10472#	220700-UR	Cooling Tube 80–130A, Bevel	1
20.	T-9967##	220354-UR	Nozzle 200A	1	#47.	T-10323#	220571-UR	Cooling Tube 400A (260–400A, Bevel)	1
	T-10937	220354	Nozzle 200A	1	*48.	TN-0069*	104119-UR	Consumables Removal Tool	1
21.	T-9972##	220439-UR	Nozzle 260A	1	49.	T-0994	EX-0-805-001	Silicone Lubricant 25ml	1
	T-10938	220439	Nozzle 260A	1	50.	Torch, cable leads. See the plasma catalog for details.			
22.	T-10310##	220646-UR	Nozzle 130A, Bevel	1	51.	Consumable Case. Details in the plasma catalog, section Accessories.			
	T-10941	220646	Nozzle 130A, Bevel	1	52.	Coolant Liquid. Details in the plasma catalog, section Accessories.			

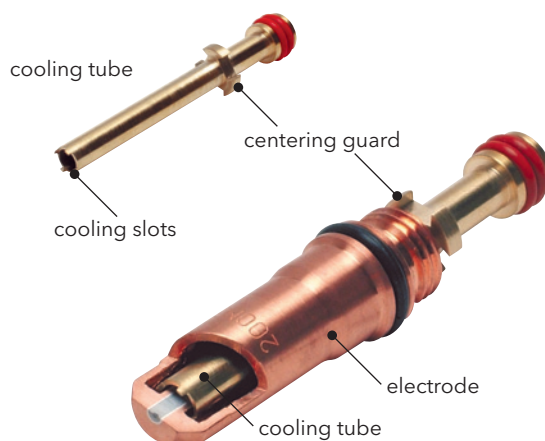
THERMACUT TORCH SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HPR® 130/HPR® 260

COOLING TUBE

Thermacut has developed its own advanced cooling tube to work with Thermacut Super-Life™ and SILVER-EX® electrodes, and is totally compatible with the OEM electrode.

- You gain the flexibility to use Thermacut or OEM electrodes
- Performance and functionality is equal to OEM consumables
- Ask for a free set of Thermacut electrodes and cooling tubes

i Thermacut electrodes has to be used with Thermacut design cooling tube, otherwise it doesn't fit to the torch, Thermacut cooling tube can be used for Thermacut design electrodes and for original design too.



electrode and cooling tube set

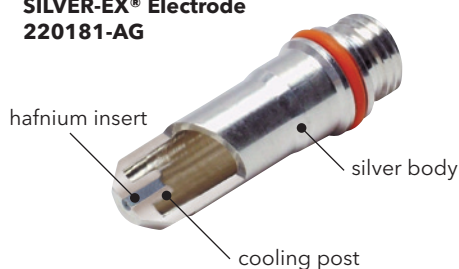
**Standard Electrode
OEM 220181**



**Super-Life™ Electrode
220352-UR**



**SILVER-EX® Electrode
220181-AG**



ELECTRODES

Super-Life™ Electrodes

Super-Life™ electrodes feature a silver-wrapped Hafnium insert that improves performance:

- Longer life due to the superior cooling layer which is created by the silver-wrapped foil or the silver tube.
- Increased productivity resulting from the longer lifespan, allowing the cutting arc to work longer.
- Competitively priced as compared to standard copper electrodes.

SILVER-EX® Electrodes

SILVER-EX® electrodes enable maximum achievement of productivity and efficiency with your plasma cutting system! These electrodes are particularly well suited for mechanized cutting of thicker materials and long-duration cuts typically found in multi-shift shops.

Advantages of SILVER-EX® include:

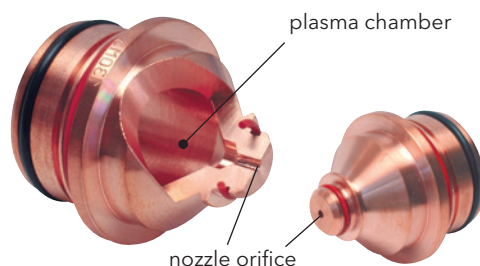
- Cutting speeds increased by up to 30%
- Excellent cooling due to fast heat transfer from the hafnium insert through the Silver body.
- More than 150% longer life than ordinary copper electrodes.

i To achieve maximum electrode life set the gas flow to the optimum setting, as too much gas causes faster insert wear; while a low flow causes poor ignition at start-up.

NOZZLES

Oxygen-Saver™ Nozzles

Thermacut engineers developed the unique gas-saving nozzle to include a superior lifespan. Thermacut nozzles suitable for HPR® are made of one solid-copper piece. This creates a robust nozzle which provides better heat transfer from the nozzle tip and is more heat resistant against molten material spray-back.



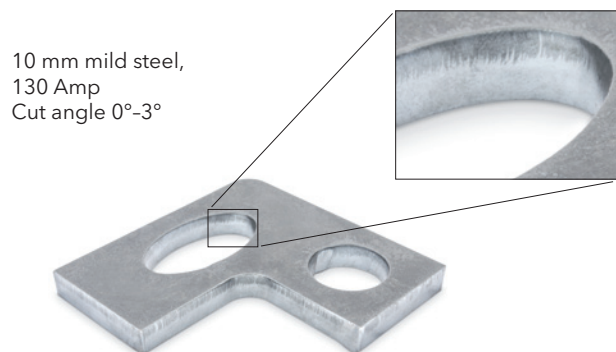
THERMACUT TORCH SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HPR®130/HPR®260

The Thermacut replacement torch suitable for HPR® is built for a variety of electrically-conductive materials such as mild steel, stainless steel, aluminum, brass, and copper. The torch is compatible for use with O₂, N₂, ArH₂, and N₂H₂ gases or shop air, allowing you to optimize the cutting process for the type of material you will cut. The Thermacut replacement torch suitable for HPR® can cut up to 260Amps for up to a 100% duty cycle.



CONSUMABLES AND TORCH - QUALITY WITHOUT COMPROMISE

Cut quality achieved with Thermacut torch suitable for HPR®130/HPR®260.
Cutting speed 2.6m/min.



GRAPH: COMPARISON OF THE ELECTRODE 220181-UR PRICE AND PERFORMANCE WITH ELECTRODE PRODUCED BY THE OTHER MANUFACTURER (10 MM MILD STEEL, CUTTING SPEED 2,6M/MIN.)

