

REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM ESAB® PT-24™

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SILVEREX-® ELECTRODE GET THE MOST FROM YOUR PLASMA CUTTING SYSTEM!

- Increase the cutting speed of your system
- Achieve greater productivity
- Lower your production costs

Silver conducts electrical current better than copper and because of this more energy is delivered directly to the plasma arc, resulting in increased cutting speeds up to 30% compared to ordinary electrodes.

The silver transfers heat away from the tip, cooling the hottest area of the electrode. The high current transfer and optimum cooling guarantee the maximum life of the consumables while maintaining or improving cut quality - less slag, narrower kerfs, and better appearance.

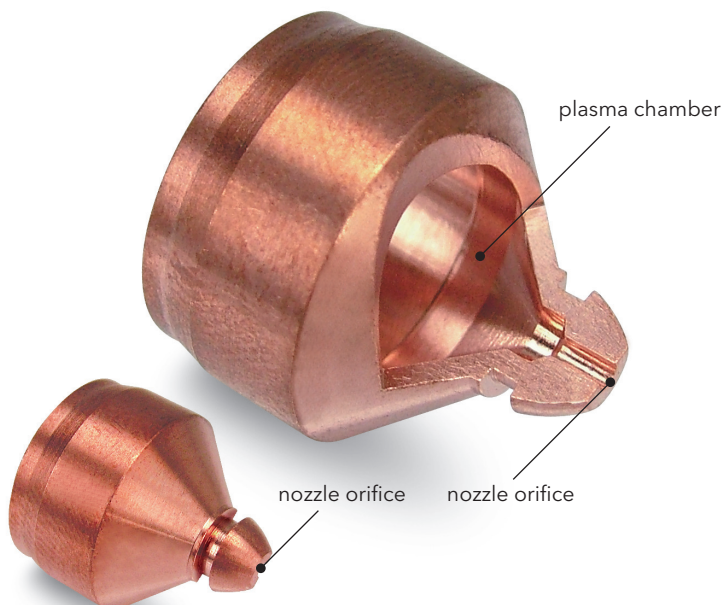
High cut quality is also influenced by the quality of materials and production precision of the consumables; for electrodes the important size in tolerance is ± 0.02

Thermacut guarantees that its silver electrodes contain >90% of pure silver, which is superior to all other aftermarket competition.



SilverEX-® electrode - silver from end-to-end.
Silver purity is not discernible by the eye alone; that's why Thermacut had laboratory research conducted to verify the silver purity by an independent material laboratory - New Hampshire Laboratory, Inc. no. 24906c

NOZZLE ORIFICE QUALITY IS A KEY DETERMINANT TO ACHIEVING EXCELLENT CUT QUALITY



It is very important to maintain production precision of all consumables, particularly in the case of the nozzle orifice. Circularity, cylindricity, and roughness of the machined hole are factors that must be accounted for when the nozzle orifice is manufactured.

As such Thermacut nozzles are manufactured by the first-line CNC machines and cutting tools, which are noted by their high rigidity and precision. This makes the production process stable for consistently optimal nozzle parameters and tight tolerance sizes, similar to Thermacut electrodes.

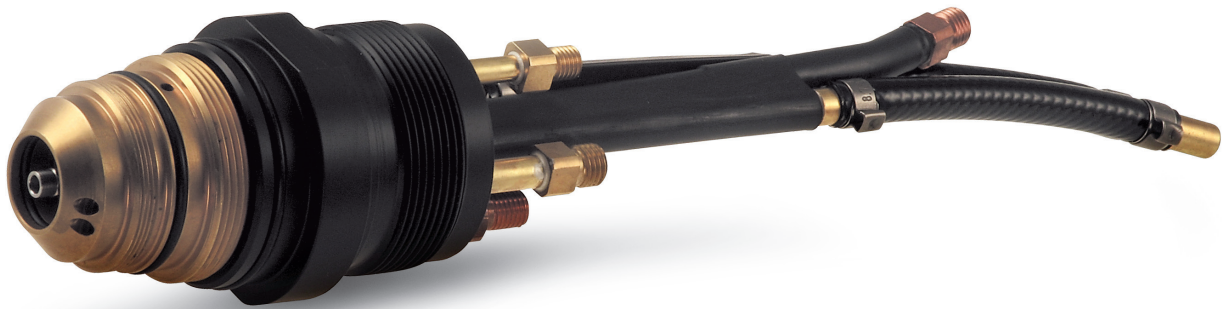
REPLACEMENT PARTS SUITABLE FOR PT-24™ TORCH

This is a simple one-piece torch allows you to achieve a very precise cut while maintaining an optimal price-performance ratio. This torch has the advantage of being suitable for a wide range of amperages and operations at a very reasonable price.

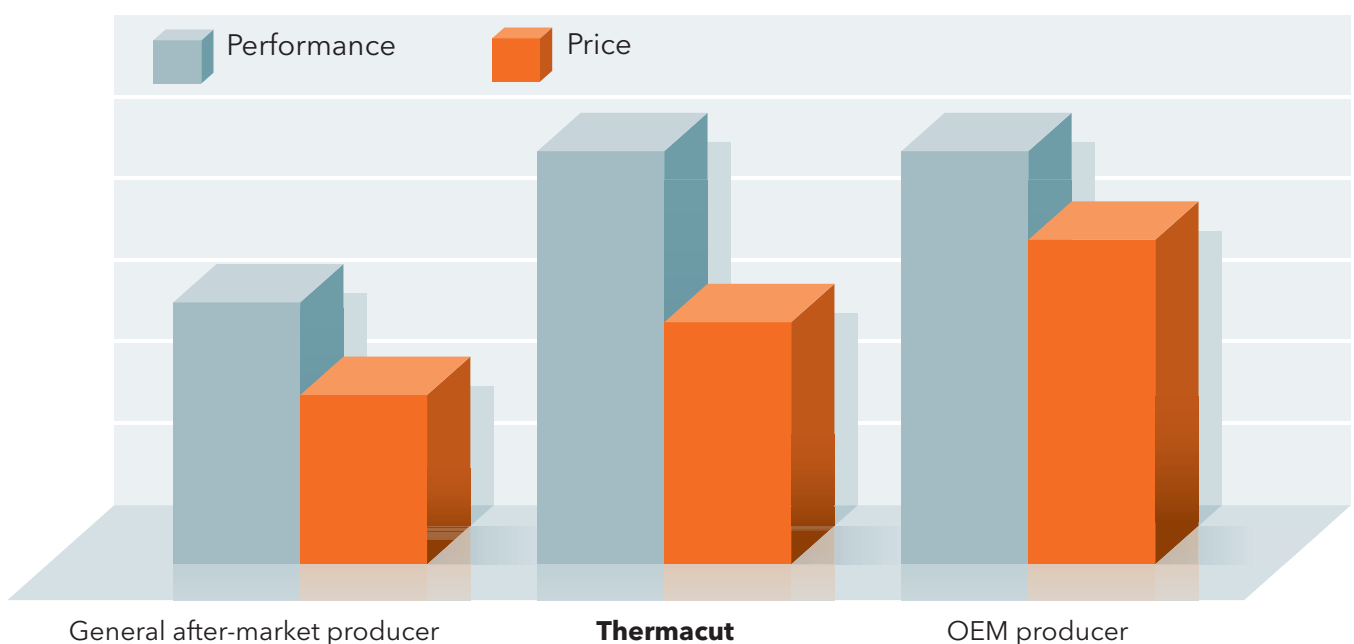
The torch is suitable for a variety of metals, including mild and stainless steel, aluminium, and copper. It is possible to vary the type of shield gas used according to the cut materials, i.e. air, oxygen, argon, and nitrogen.

Torch is compatible with an electrical current range of 16A-100A.

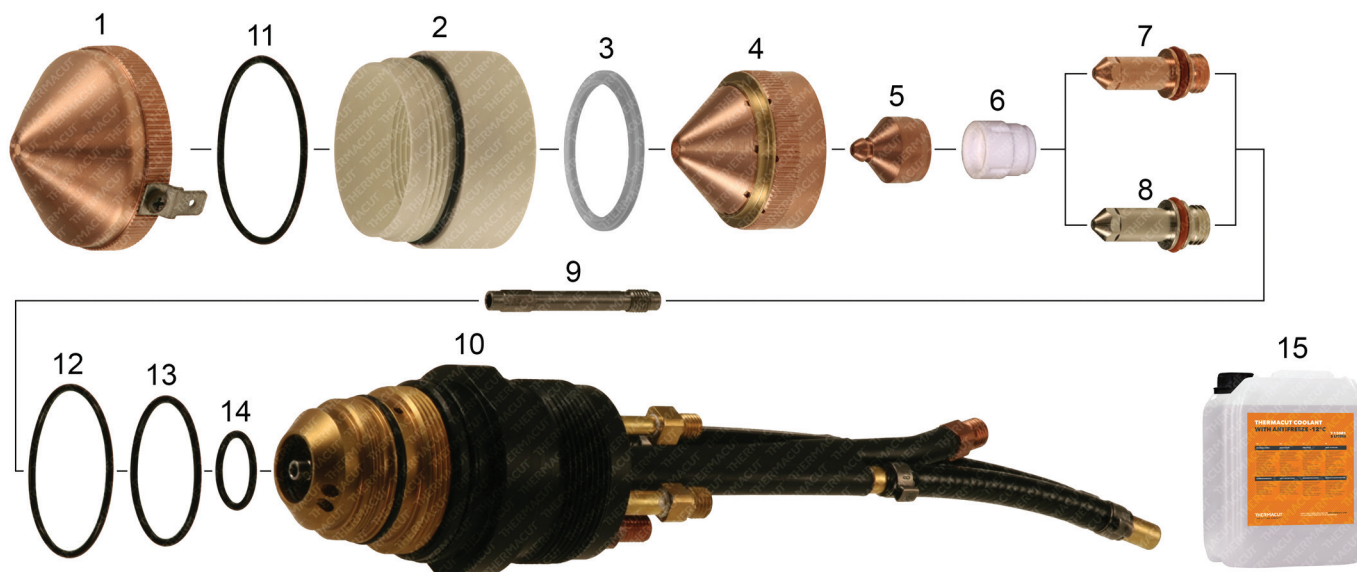
Thanks to the Thermacut's SilverEX-® technology, the Thermacut replacement torch package suitable for PT-24™ offers superior performance with even lower overall costs!



GRAPH: COMPARISON OF PT-24™ CONSUMABLES PRICE AND PERFORMANCE WITH CONSUMABLES PRODUCED BY THE OTHER MANUFACTURERS, MILD STEEL, THICKNESS 20MM, CUTTING SPEED 0.6M/MIN.



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10130	22531	Cup Shield with Retainer	1	7.	T-3377	21539	Electrode	5
2.	T-9333	21712	Insulator Shield Retainer	1		T-8987	21539-PRO	Electrode, Silver PRO	5
3.	T-3350	22010	Shield Cap Insulator	1	8.	T-4916	21539-AG	Electrode, SilverEX®	5
4.	T-3353	22007	Nozzle Retainer/Diffuser	1	9.	PT-10625	21725	Water Baffle	1
5.	T-3370	21540	Nozzle "A" 15A	5	10.	T-3379	21758	PT-24™ Torch Body, Machine	1
	T-3371	21541	Nozzle "B" 30A	5	11.	T-1257	996528	O-Ring	1
	T-3372	21542	Nozzle "C" 50A	5	12.	T-2824	950714	O-Ring	1
	T-3373	21543	Nozzle "D" 70A	5	13.	T-4019	86W62	O-Ring	1
	T-3354	21923	Nozzle "E" 100A	5	14.	T-4018	638797	O-Ring	1
6.	T-3376	21692 OEM	Swirl Baffle 50-100A	1	NS	T-3352	22008	Shield Cup 15/30A, Old Design	1
	T-3374	21852 OEM	Swirl Baffle 15A	1	NS	T-3351	22009	Shield Cup 50/70A, Old Design	1
	T-3375	21536 OEM	Swirl Baffle 30A	1	15.			Coolant Liquid. Details in the plasma catalog, section Accessories.	

REASONS TO BUY THERMACUT PARTS:

- Our products are equal to OEM quality, but are available at a more reasonable cost.
- Our personal approach - Thermacut Sales Representatives not only assist you with purchasing our products, but are also technically trained and able to provide troubleshooting support and advice over the phone.
- Our order fulfillment rate - in most cases are Thermacut products are shipped on the day of order, or within 24 hours at the latest.
- Our products are manufactured on latest generation of CNC equipment, and we have an experienced international engineering development team and technicians that allows Thermacut to completely guarantee its products.

This approach has made Thermacut one of the most successful companies in the replacement of plasma cutting consumables and torches worldwide.