



# PLASMA CATALOG

CATALOGS FOR OXY-FUEL, LASER AND MIG/MAG/TIG CUTTING ARE AVAILABLE ON [WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

# A PROGRESSIVE COMPANY FOR AN EVOLVING MARKET

Over a period of 28 years, the THERMACUT Group has undergone a multitude of changes. THERMACUT (originally Tatra Imports Inc.) was incorporated in Claremont, New Hampshire in 1990 and sold products under the brand ZAP Plasmatherm, a reseller of plasma consumables from local vendors directly to end-users. The company began operating with three employees, conducting business through telephone sales. In 1992, the company opened a small manufacturing facility in the Czech Republic, followed by a sales office there in 1996. The Czech facility was created to produce and sell plasma consumables and torches directly into the Eastern European market and through distributors in Western Europe under the brand name THERMACUT, utilizing both inside and outside sales representatives. And in 1993 the THERMACUT brand was introduced into North America and sold through distributors.

In January of 1999, STK Gesellschaft für Schweißtechnik GmbH (a holding company 100% owned by the IBG Group of Cologne, Germany) purchased 80% of the shares of THERMACUT and in 2002 completed the acquisition to become the 100% shareholder of the THERMACUT Group.

Since those early and humble beginnings, THERMACUT has evolved into a major force in providing plasma torches and consumables through multiple sales channels supported by ten sales subsidiaries. THERMACUT also has a close partnership with Abicor-Binzel (an IBG owned company) with locations in India, the Middle East, Turkey, Belarus, Kazakhstan, Denmark, Norway, Sweden, Finland, United Kingdom, South Korea, Australia, Mexico, and Brazil. Based on customer demand, THERMACUT has also introduced TIG/WIG, MIG/MAG and Oxy-fuel products and produces those products at its modern ISO 9001 production facility located in Uherske Hradiste in the Czech Republic.

The THERMACUT Group has focused its efforts on providing high quality, direct replacement consumable and torch product lines that will meet or exceed the expectations of our valued customers who are cutting and welding metals thermally throughout the world. As our customer base grew, their expectations and demands also increased. In 2005, THERMACUT expanded its product portfolio with the addition of advanced consumables, which have included products such as the Silver Plus™, Silver Pro™ and Silver-EX® electrodes, plus the patented Tungsten-EX™ nozzles.

By 2013, the THERMACUT Group continued to expand and evolve in the thermal cutting and welding marketplace. In December of 2012, the THERMACUT Group concluded the purchase of the HOLMA® AG, a producer of premium quality laser consumables, which satisfies ongoing requests from customers for a high quality laser consumable brand and a further expansion of THERMACUT's plasma cutting and oxy-fuel consumable product portfolio.

In September 2013 at the SCHWEISSEN & SCHNEIDEN Exposition, the THERMACUT Group evolved once again with the introduction of a line of plasma cutting systems for both manual and mechanized plasma processes up to 65 mm thickness. The initial introduction featured a 105 amp system. THERMACUT also had 65 and 85 amp systems on display. With this change, THERMACUT has made clear to its customers around the world its intention to move into the position of a producer of a full range of original plasma products.

From 2016 to 2018, plasma power sources from 30 A to 125 A were gradually introduced. The HD series, along with its original torches and the patented Torch Connection System (TCS) connector, was launched in 2017 at SCHWEISSEN & SCHNEIDEN in Dusseldorf.

As with plasma cutting, THERMACUT is the leader in the field of laser cutting technology. In 2017 at SCHWEISSEN & SCHNEIDEN, we presented the original EX-TRABEAM® laser head, which was launched in the second half of 2018.

Throughout the life of the THERMACUT Group, we have believed that "The customer is always right." This is what motivates us to improve in all areas, starting with the development of all products and ending their sales.

"THE CUTTING COMPANY" is not just a slogan for us. It is an established practice. Join THERMACUT in the world of cutting to discover new and alternative applications, and take full advantage of new possibilities offered by the digital cutting world.



**THERMACUT®**  
THE CUTTING COMPANY™



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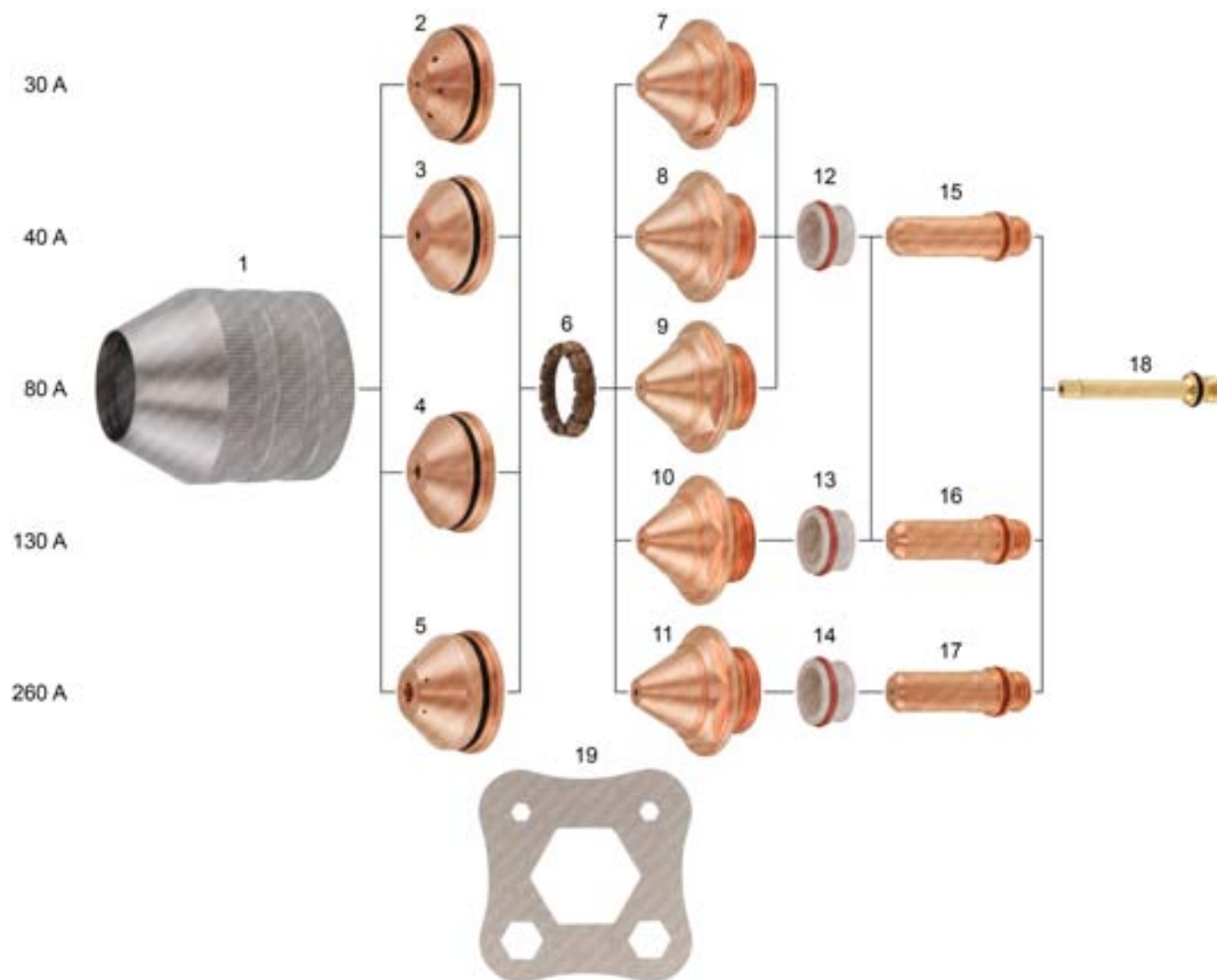
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A grayscale photograph of a worker wearing a protective mask and gloves, operating a plasma cutting machine. The worker is positioned in the background, looking towards the camera. The machine is in the foreground, with a large metal plate being cut. The background is a grid-like structure, likely part of the machine's safety enclosure. The overall scene is industrial and focused on the process of plasma cutting.

# PLASMA CUTTING

**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
AJAN®  
HP260A™ MILD STEEL**



**Last update of this page: 10/10/2018. See Revision history for details.**

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR AJAN® HP260A™ MILD STEEL

PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-11408	SC2-UR	Shield Cap 30-260A	1	11.	T-11333	N7	Nozzle 260A	1
2.	T-11334	S1	Shield 30A	10		T-12264	N8	Nozzle 260A SS, AL, Air	1
3.	T-11335	S2	Shield 40A	10		T-12265	N9	Nozzle 260A SS, AL, H35/N <sub>2</sub>	1
4.	T-11336	S3	Shield 80/130A	10	*12.	T-11338	SW1-UR	Swirl Ring 30-80A	1
5.	T-11337	S4	Shield 260A	5	*13.	T-11339	SW2-UR	Swirl Ring 130A	1
6.	T-11328	G1	Gas Ring 30-260A	1	*14.	T-11340	SW3-UR	Swirl Ring 260A	1
7.	T-11329	N1	Nozzle 30A	1	15.	T-11341	E0	Electrode 30-80A	5
8.	T-11330	N2	Nozzle 40A	1	16.	T-11342	E1	Electrode 130A	5
9.	T-11331	N3	Nozzle 80A	1	17.	T-11343	E3	Electrode 260A	5
	T-12262	N4	Nozzle 80A SS	1	18.	T-11327	B1	Cooling Tube	1
10.	T-11332	N5	Nozzle 130A	1	*19.	T-11351	100-07-106535-UR	Consumable Removal Tool	1
	T-12263	N6	Nozzle 130A SS	1					

\* FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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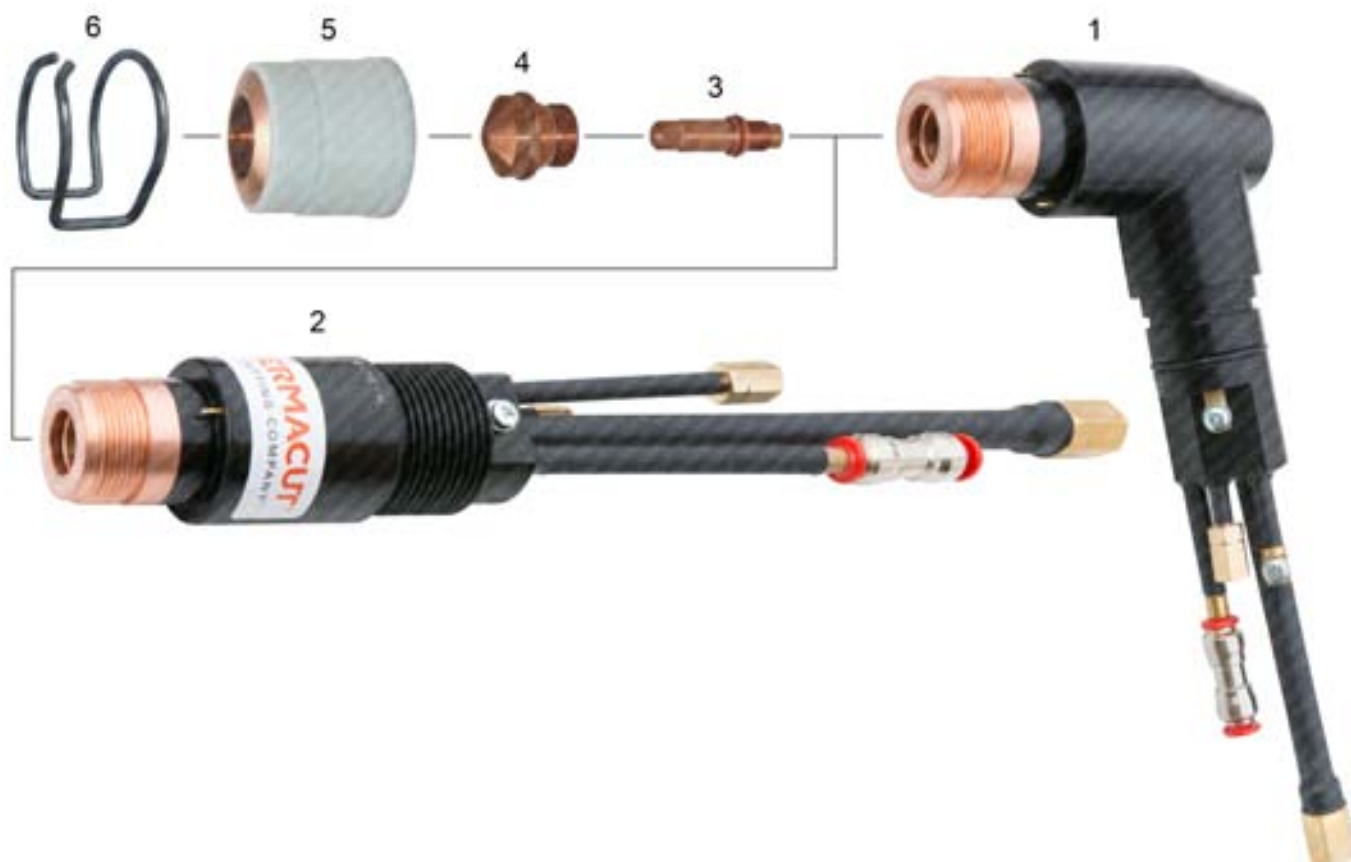
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®200



Item	Part No.	Ref. No.	Description	Item	Part No.	Ref. No.	Description
*1.	T-11949*	1355-UR	Hand Torch 70°	5.	T-5424	1905	Shield Cap
*2.	T-11856*	1357-UR	Machine Torch	6.	T-0400	1386	Spacer Spring
NS	PT-10455	1357-6	Cooling Tube	NS	KT-1319	1235	CP®200 Mach. Torch with Leads 4m, fittings
3.	T-9688	1367	Electrode	NS	KT-1320	K.CP200.4M.K	CP®200 Cable Leads 4m, fittings
4.	T-5420	1842	Nozzle 1.0mm	NS	KT-1321	K.CP200.6M.CK.K	CP®200 Cable Leads 6m with centr. conn.
	T-5421	1843	Nozzle 1.3mm	NS	KT-1125	1234	CP®200 Mach. Torch with Leads 6m with centr. conn.
	T-5422	1844	Nozzle 1.6mm	NS	KT-1103	1234.10	CP®200 Mach. Torch with Leads 9m with centr. conn.
	T-5423	1845	Nozzle 1.8mm	NS	KT-1104	K.CP200.9M.CK.K	CP®200 Cable Leads 9m with centr. conn.

\* FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN  
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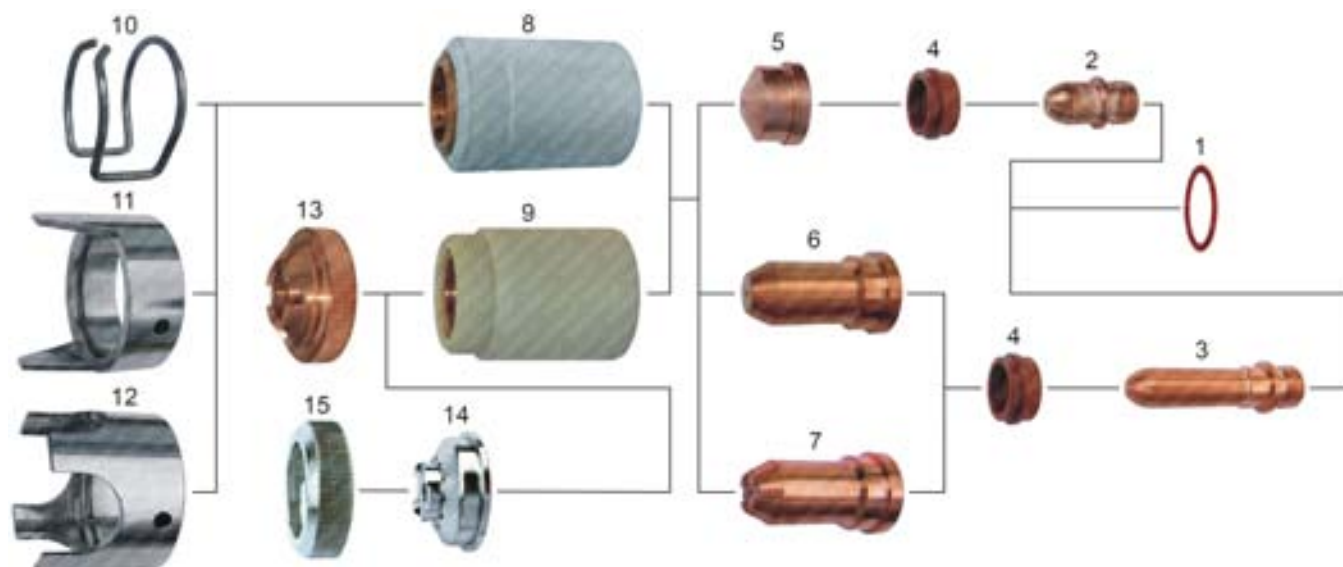
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® HP100™, MP100™



Item	Part No.	Ref. No.	Description	Item	Part No.	Ref. No.	Description
1.	T-0411	1398	O-Ring	7.	T-0406	1369	Nozzle, Long, Contact
2.	T-0408	1376	Electrode	8.	T-5432	W0300129	Retaining Cap
3.	T-0409	1517	Electrode, Long	9.	T-5433	W0300138	Contact Nozzle Retaining Cap
4.	T-0407	1377	Swirl Ring	10.	T-0400	1386	Spacer Spring
	T-8959	1377-CW	Swirl Ring	11.	T-0643	1408	Double Pointed Spacer
5.	T-0402	1371	Nozzle 1.1mm	12.	T-5003	CV14	Crown Spacer
	T-0403	1372	Nozzle 1.3mm	13.	T-5401	1392	Shield Cup, Only for W0300138
	T-0404	1373	Nozzle 1.6mm	NS	T-5442	1356	Handle with Switch
	T-0405	1374	Nozzle 1.8mm	14.	T-9370		Spacer for Contact Cutting
6.	T-11041	1369.16	Nozzle, Long D1.6 – 120A	15.	T-9375		Locking Nut

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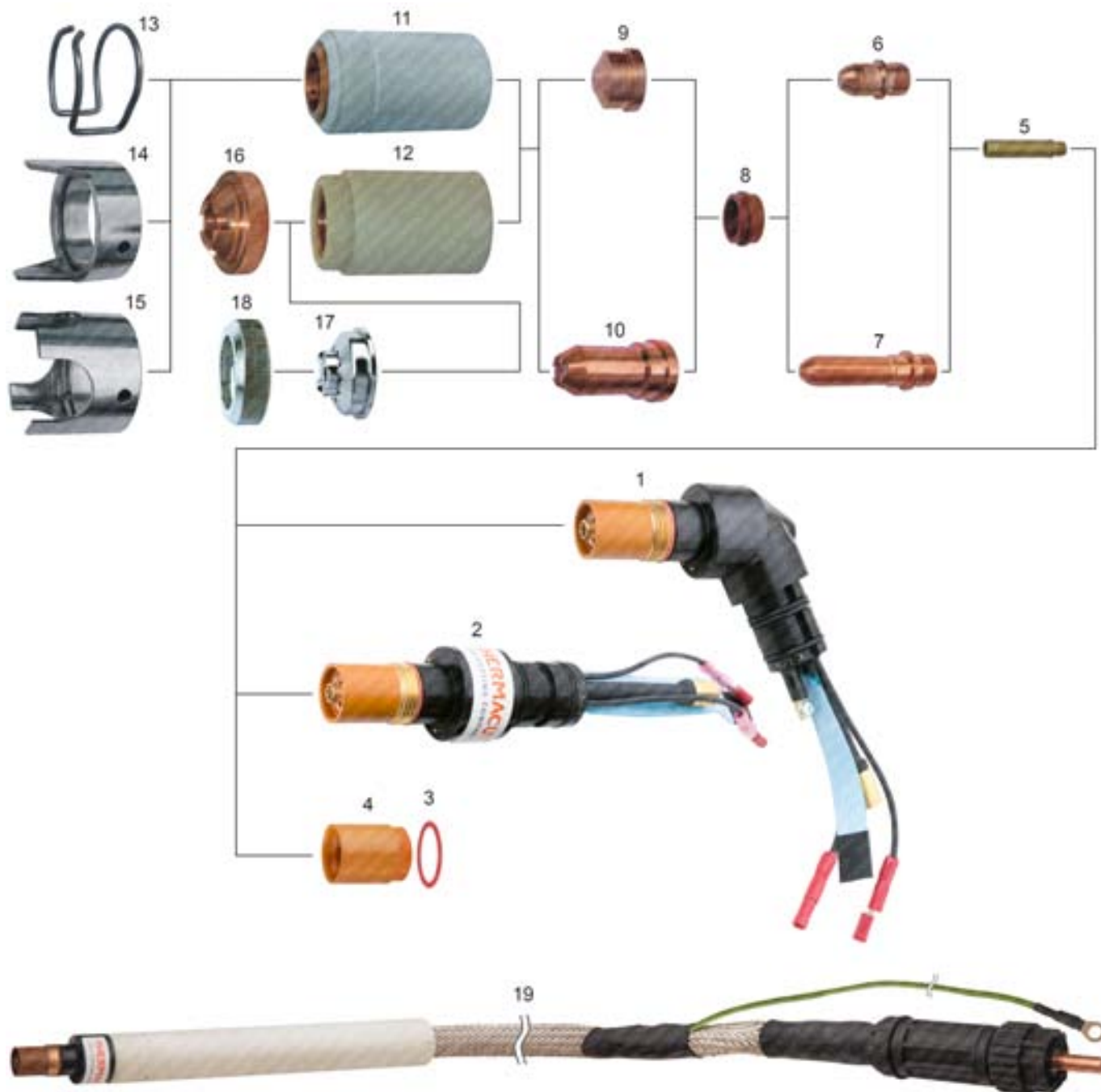
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
CEBORA®  
CP®160**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®160

Item	Part No.	Ref. No.	Description	Item	Part No.	Ref. No.	Description
1.	T-8955	1353	Torch Body, Hand	13.	T-0400	1386	Spacer Spring
2.	T-8746	1354	Torch Body, Machine	14.	T-0643	1408	Double Pointed Spacer
3.	T-0411	1398	O-Ring	15.	T-5003	CV14	Crown Spacer
4.	T-9377	40941	Torch Insulator	16.	T-5401	1392	Shield Cup
5.	T-0410	1378	Brass Diffuser	NS	T-5068	TP10	Handle with Switch
6.	T-0408	1376	Electrode	17.	T-9370		Spacer for Contact Cutting
7.	T-0409	1517	Electrode, Long	18.	T-9375		Locking Nut
8.	T-0407	1377	Swirl Ring	NS	KT-1048	1576	CP®160-H Torch with Leads 6m with centr. conn.
	T-8959	1377-CW	Swirl Ring	NS	KT-1057	1571	CP®160-H Torch with Leads 6m, fittings
9.	T-0402	1371	Nozzle 1.1mm 50A	NS	KT-1070	K.CP160H.6M.CK.K	CP®160-H Cable Leads, Hand. 6m with centr. conn.
	T-0403	1372	Nozzle 1.3mm 90A	NS	KT-1083	1578	CP®160-H Hand Torch with Leads 12m with centr. conn.
	T-0404	1373	Nozzle 1.6mm 120A	19.	KT-1128	1577	CP®160-M Mach. Torch with Leads 6m with centr. conn.
	T-0405	1374	Nozzle 1.8mm 160A		KT-1086	1579	CP®160-M Mach. Torch with Leads 12m with centr. conn.
10.	T-0406	1369	Nozzle, Long	NS	KT-1273	K.CP160M.12M.CK.K	CP®160-M Cable Leads, Mach. 12m with centr. conn.
11.	T-0401	1389	Retaining Cap	NS	KT-1419	K.CP160M.12M	CP®160-M Mach. Torch with Leads 12m, fittings
12.	T-5400	1390	Contact Nozzle Retaining Cap	Different types of cable leads available on request			

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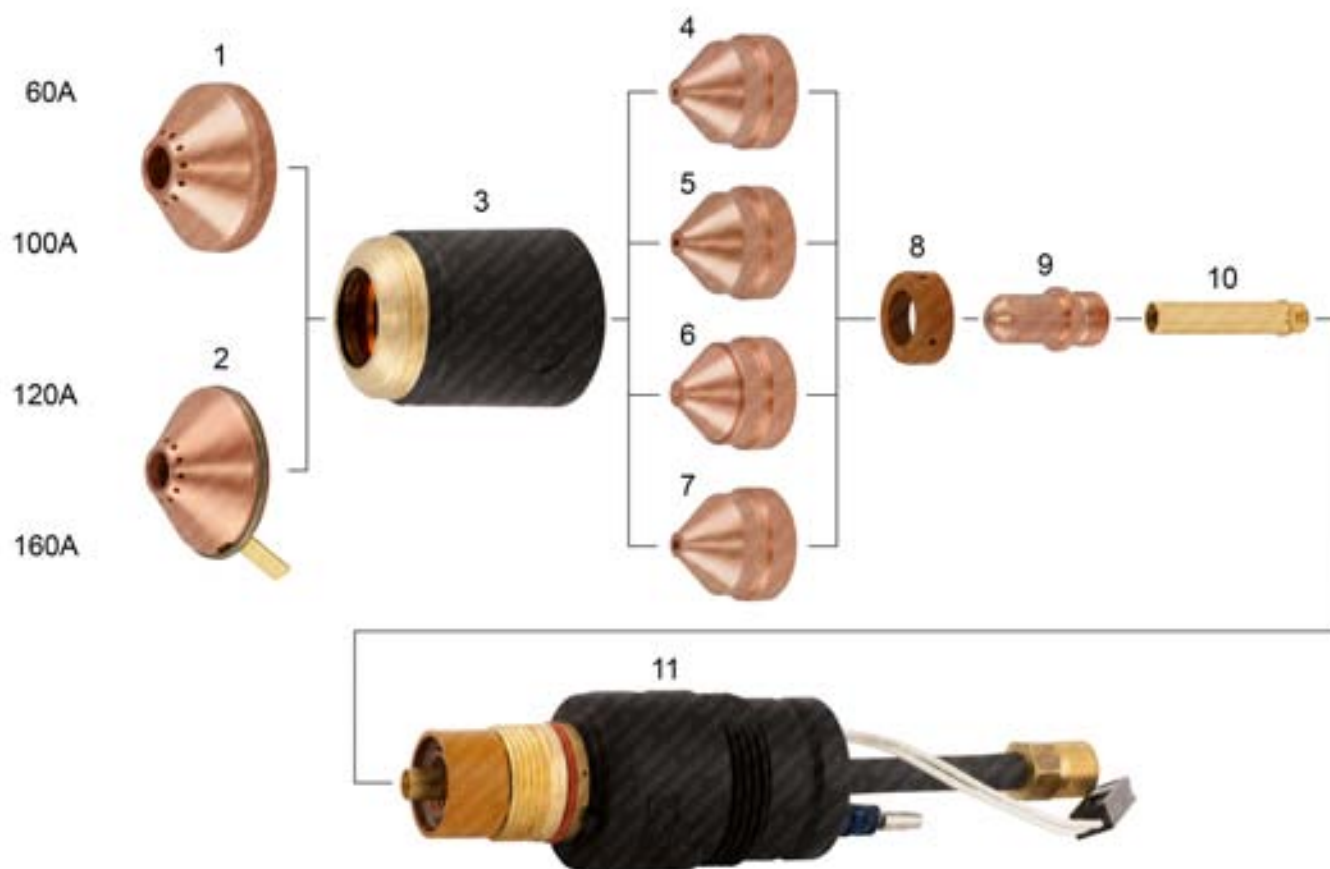
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®161



Item	Part No.	Ref. No.	Description	Item	Part No.	Ref. No.	Description
1.	T-11419	1988	Shield, Hand	9.	T-11418	1876	Electrode
2.	T-11421	1989	Shield, Machine	10.	T-11412	1619	Brass Cooling Pipe
3.	T-12366	1904 OEM	Nozzle Holder	11.	T-12367	1145 OEM	Torch Body, Machine
4.	T-11413	1760	Nozzle 1.2mm 60A CP®	7.	T-11416	1763	Nozzle 1.8mm 160A CP®
5.	T-11414	1761	Nozzle 1.4mm 100A CP®	8.	T-12365	1970 OEM	Swirl Ring
6.	T-11415	1762	Nozzle 1.6mm 120A CP®	9.	T-11418	1876	Electrode
7.	T-11416	1763	Nozzle 1.8mm 160A CP®	10.	T-11412	1619	Brass Cooling Pipe
8.	T-12365	1970 OEM	Swirl Ring	11.	T-12367	1145 OEM	Torch Body, Machine

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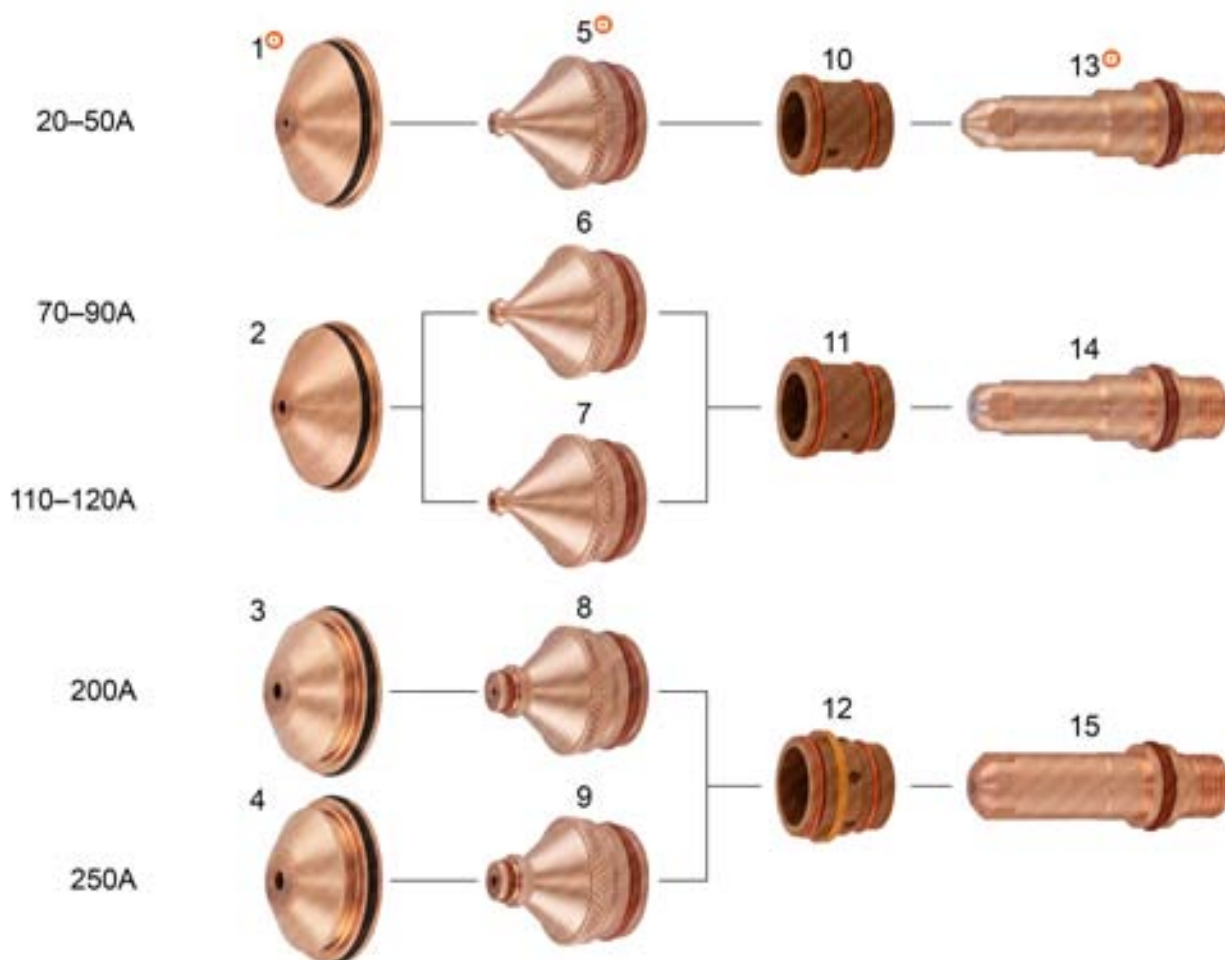
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®251G



Item	Part No.	Ref. No.	Description	Item	Part No.	Ref. No.	Description
1.		1990TD	Shield 20/50A, High Performance	9.	TN-0134	1799	Tip 1.9mm 250A
2.	TN-0130	1990	Shield 70/120A	10.	TN-0123	1968	Swirl Ring 20/50A
3.	TN-0135	1991	Shield 200A	11.	TN-0127	1967	Swirl Ring 70/120A
4.	TN-0136	1993	Shield 250A	12.	TN-0132	1969	Swirl Ring 200/250A
5.	TN-0124	1852TD	Tip 0.8mm 20/50A, High Performance	13.	TN-0122	1872TD	Electrode 20/50A, High Performance
6.	TN-0128	1853	Tip 1.1mm 70/90A	14.	TN-0126	1870	Electrode 70/120A
7.	TN-0129	1854	Tip 1.3mm 110/120A	15.		1874	Electrode 200/250A
8.	TN-0133	1798	Tip 1.6mm 200A				

⓪ HIGH PERFORMANCE PARTS ARE NOT INTERCHANGEABLE WITH THE ORIGINAL PARTS.

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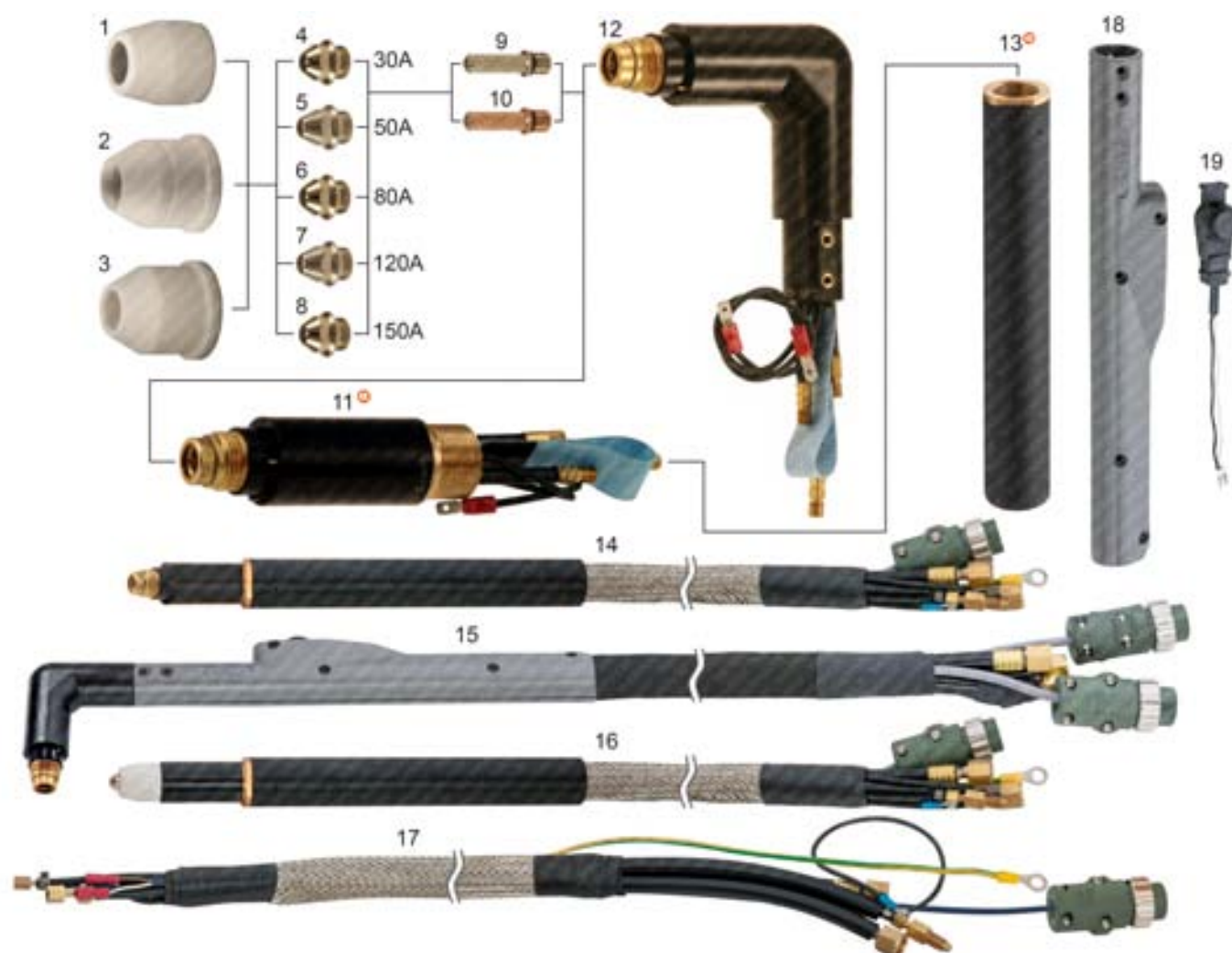
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
DAIHEN®/OTC®  
CTPW-1201™, CTZW-1201™  
D-12000**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
DAIHEN®/OTC®  
CTPW-1201™, CTZW-1201™  
D-12000**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1007	H839G02	Shield Cup, Ceramic	1	13.	T-11295	T-11295	Tube (use only with H840B00-UR), diameter - D36mm differs from OEM - D30mm	1
2.	T-5316	H839G02N	Shield Cup, Ceramic	1	14.	KT-1263	K.CTPW-1201.8M	CTPW-1201™ Machine Torch w/ Leads 8m (26')	1
3.	T-5317	H839G02-T	Shield Cup, PTFE	1		KT-1049	K.CTPW-1201.10M	CTPW-1201™ Machine Torch w/ Leads 10m (33')	1
4.	T-1008	H839K03	Nozzle 30A	10		KT-1221	K.CTPW-1201.13M	CTPW-1201™ Machine Torch w/ Leads 13m (42')	1
5.	T-1009	H839K02	Nozzle 50A	10		KT-1224	K.CTPW-1201.20M	CTPW-1201™ Machine Torch w/ Leads 20m (66')	1
6.	T-1011	H839K01	Nozzle 80A	10	15.	KT-1314	K.CTZW-1201.10M	CTZW-1201™ Hand Torch w/ Leads 10m (33')	1
7.	T-1012	H839G03	Nozzle 120A	10	NS	KT-1341	K.CTZW-1201.10M.K	CTZW-1201™ Cable Leads, Hand 10m (33')	1
8.	T-5318	H839G04	Nozzle 150A	5	16.	KT-1302	DEMO CTPW-1201	Torch + Cable Leads 0.8m, exhibition only, inoperative	1
*9.	T-9593*	H839M00-UR	Electrode 30-150A, Ni plated	10	17.	KT-1222	K.CTPW-1201.13M.K	CTPW-1201™ Cable Leads, Machine 13m (42')	1
		H839M00G	= H839M00-UR			KT-1225	K.CTPW-1201.20M.K	CTPW-1201™ Cable Leads, Machine 20m (66')	1
NEW 10.	T-13066	H839M00-PRO	Electrode 30-150A, Silver PRO	10	18.	N-18992	H839N00 OEM	Handle	1
11.	T-1017	H840B00-UR	Torch Body, Machine (use only with T-11295)	1	19.	N-18993	K2432A00 OEM	Trigger	1
12.	T-5315	H839B00	Torch Body, Hand, 90°	1					

\* ELECTRODE H839M00-UR REPLACES H839M00G, HAS SAME DESIGN ONLY REF. NUMBER HAS BEEN CHANGED, ELECTRODE DESIGN IS NOT FULLY COMPATIBLE WITH LATEST JAPANESE OEM TORCHES (CAN CAUSE COOLANT LEAKS).

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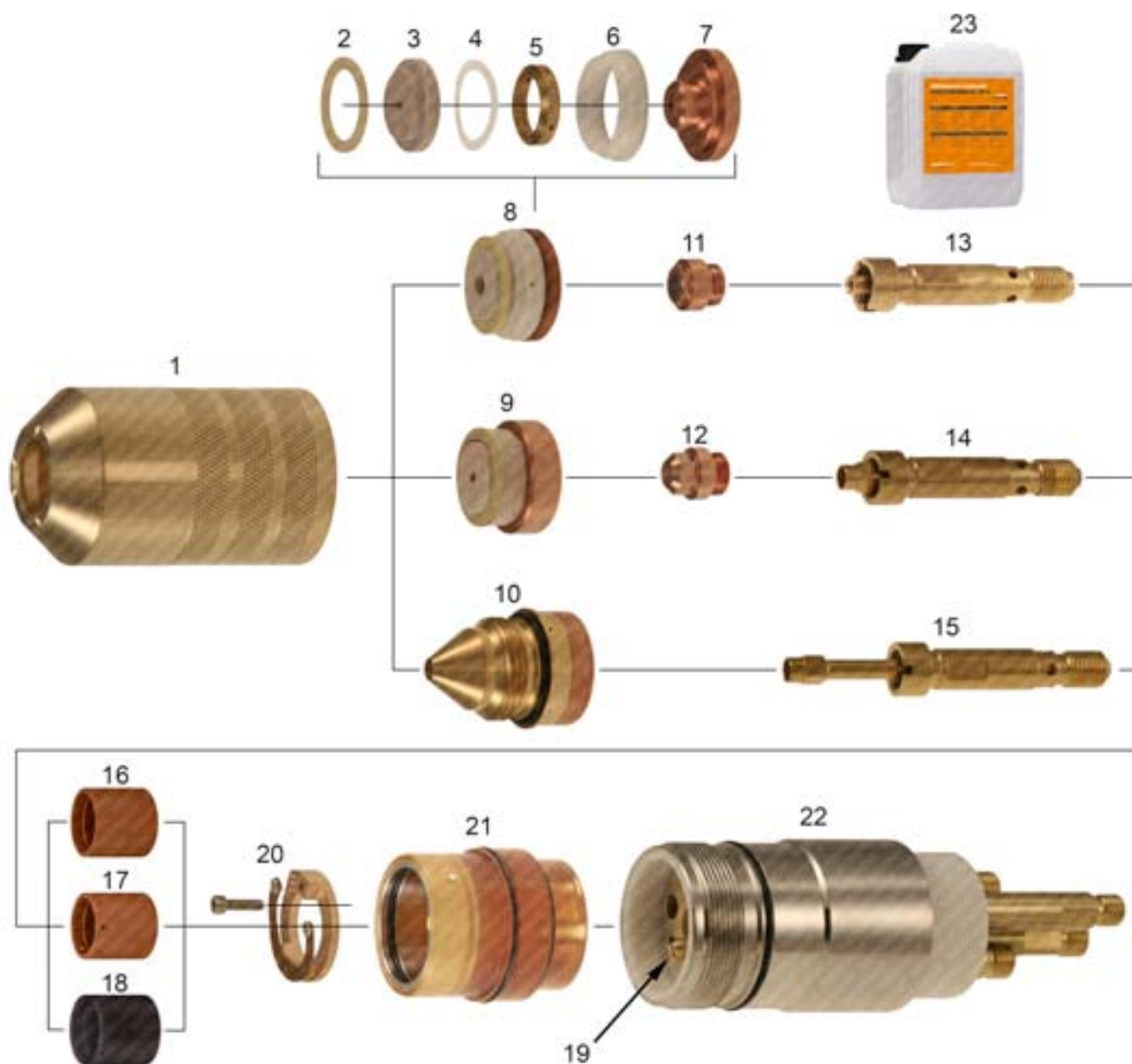
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-15™, PT-15XL™**



**Last update of this page: 20/05/2019. See Revision history for details.**

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-15™, PT-15XL™

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0355	20758	Nozzle Retaining Cup, O <sub>2</sub>	1	9.	T-1716	35664	Nozzle 340A, O <sub>2</sub>	1
2.	T-0354	996628	Gasket	5		T-0339	20751	Nozzle 260A, O <sub>2</sub>	1
3.	T-0350	2075693	Insulator 0.140"	1		T-1715	35662	Nozzle 300A, O <sub>2</sub>	1
	T-0351	2075617	Insulator 0.180"	5	10.	T-10209	21962	Nozzle 300A, Bevel, O <sub>2</sub>	1
	T-0352	2075606	Insulator 0.225"	5	NS	T-11325	0558005866	Nozzle 400A, Bevel, O <sub>2</sub>	1
	T-0353	2075607	Insulator 0.260"	1	11.	T-0328	600236	Electrode 250-1000A, N <sub>2</sub>	5
	T-1604	2075588	Insulator 0.500"	5	12.	T-0329	20763	Electrode 260A, O <sub>2</sub>	5
NS	T-10683	20409-UR	Insulator	5	13.	T-0326	2075343	Electrode Holder	1
4.	T-0349	996619	Spacer	1	14.	T-0327	20398	Electrode Holder	1
5.	T-0346	2075584	Swirl Ring, 4 Hole, CW	1	15.	T-1253	34084	Electrode Holder	1
	PT-10567	2075616	Swirl Ring, 4 Hole, CCW	1	16.	T-0322	948142	Gas Swirl Baffle, 4 Hole, CW	1
6.	T-0348	996618	Centering Sleeve	1	17.	T-2019	35660	Gas Swirl Baffle, 8 Hole, CW	1
7.	T-0345	19810	Nozzle Base 875-1000A	1	18.	T-1869	1361201	Gas Swirl Baffle, 8 Hole, CW	1
	T-0342	2075608	Nozzle Base 400A	1	19.	T-1247	996242	Locating Pin	5
	T-0343	2075609	Nozzle Base 600A	1	20.	T-1248	21940 OEM	Contact Ring	1
	T-0344	2075610	Nozzle Base 750A	1	21.	T-0319	20755	Insulator	1
8.	T-0332	2075611	Nozzle 400A, N <sub>2</sub>	1	22.	T-0318	20754	Torch Body, Machine	1
	T-1966	2075612	Nozzle 600A, N <sub>2</sub>	1	NS	KT-1447	20762	PT-15XL™ Torch with Leads 1.8m (6')	1
	T-0333	2075614	Nozzle 400A, N <sub>2</sub> , CCW	1	NS	KT-1159	000128	PT-15XL™ Cable Leads 1.8m (6')	1
	T-9645	2075615	Nozzle 600A, N <sub>2</sub> , CCW	1	NS	KT-1118	K.PT-15XL3M.K	PT-15XL™ Cable Leads 3m (10')	1
	T-10321	20751-UR	Nozzle 260A, O <sub>2</sub>	1	NS	KT-1160	000124	PT-15XL™ Cable Leads 5.1m (17')	1
	T-0338	2075587	Nozzle 875-1000A, H35	1	NS	KT-1158	000129	PT-15XL™ Cable Leads 6.1m (20')	1
	T-1976	2075691	Nozzle 250A, N <sub>2</sub>	1	NS	KT-1105	000328	PT-15XL™ Cable Leads 7.6m (25')	1
	T-3584	2075611-2	Nozzle 400A, N <sub>2</sub>	1	23.	Coolant Liquid. Details on the page 150, section Accessories.			

**CCW** COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

**NS** NOT SHOWN IN THE PICTURE

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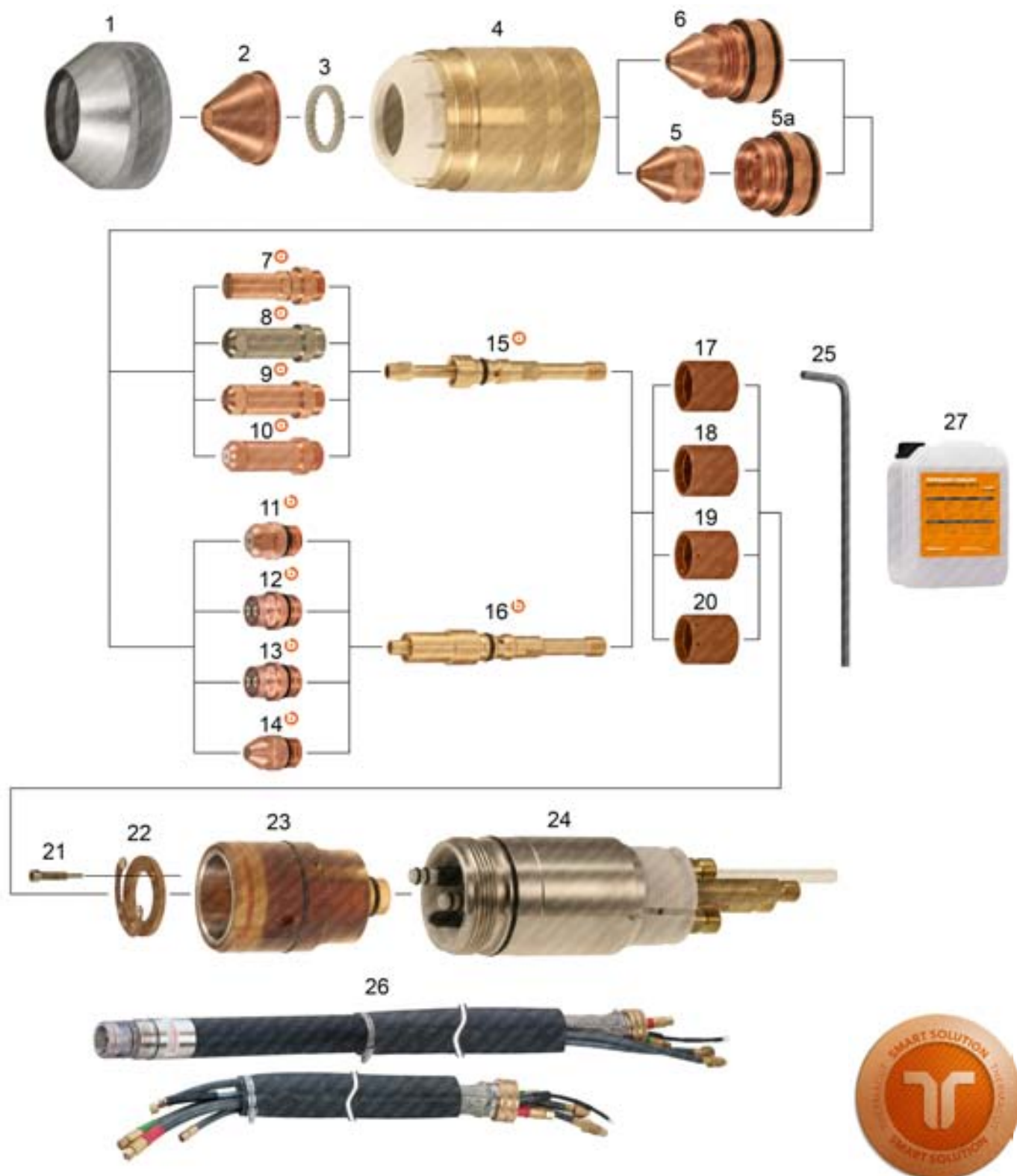
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-19XLS™**



**Last update of this page: 18/09/2018. See Revision history for details.**

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-19XLS™



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	b 13.	T-11994	b 0558012000-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5
2.	T-2266	21802	Shield 100-250A	1	b 14.	T-11910	b 0558003928-UR	Electrode, N <sub>2</sub> /H35	5
	T-2267	21945	Shield 325-600A	1		T-10439	0558005459 OEM	Replaced by 0558003914-PRO	3
	T-4580	21795 OEM	Shield 50A	5	a 15.	T-2349	a 37068	Electrode Holder	1
3.	T-2269	21944	Diffuser 100-600A	1	b 16.	T-11210	b T-11210	Electrode Holder	1
4.	T-10129	37082	Nozzle Retaining Cap	1	17.	T-0322	948142	Gas Swirl Baffle, 4 Hole, CW	1
5.	T-1720	22026	Nozzle Tip 50A	5	18.	T-0323	948143	Gas Swirl Baffle, 4 Hole, CCW	1
	T-1717	22029	Nozzle Tip 100A	5	19.	T-2019	35660	Gas Swirl Baffle, 8 Hole, CW	1
	T-1718	22030	Nozzle Tip 150A	5	20.	T-11659	35661	Gas Swirl Baffle, 8 Hole, CCW	1
	T-4197	21822-S	Nozzle Tip 250A	5	21.	T-11942	37073	Screw	1
5a.	T-1721	22027	Nozzle Base 50A	1	22.	T-11863	0558003858	Cont. Ring with 2pcs. Screws 37073 (=37071)	1
	T-1722	22028	Nozzle Base 100-250A	1	23.	T-2351	37083 OEM	Insulator	1
6.	T-2271	21822	Nozzle 250A	1	24.	T-3422	37066	Torch Body PT-19XLS™, Machine	1
a 7.	T-10266*	a 35886-UR	Electrode 360A	5	NS	T-1725	20391	Torch Body PT-19XL™, Machine	1
a 8.	T-4905	a 34086XL-AG	Electrode 50-250A, SilverEX-®	5	NS	T-1337	19483	Sleeve	1
a 9.	T-10262	a 34086-UR	Electrode 50-250A	5	NS	T-11202	T-11202	Electrode Holder Wrench	1
a	T-1252	a 34086	Electrode 50-250A	5	25.	N-20426	93750010	Hex Key Wrench for Contact Ring	1
a 10.	T-11857	a 34086-PRO	Electrode 50-250A, Silver PRO	5	26.	Cable Leads are available on request, because of more possible types of fittings.			
b 11.	T-11303	b T-11303-PRO	Electrode 50-250A, Silver PRO	5	27.	Coolant Liquid. Details on the page 150, section Accessories.			
b 12.	T-11290*	b 0558003914-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5					

a MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER 37068 AND 35886-UR, 34086XL-AG, 34086-UR, 34086, 34086-PRO ELECTRODES.  
MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER T-11210 AND T-11303-PRO, 0558003914-PRO, 0558012000-PRO, 0558003928-UR  
b ELECTRODES.

\* A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS.

CCW COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

-PRO SILVER PRO TECHNOLOGY INCREASES ELECTRODE LIFETIME SIGNIFICANTLY COMPARED TO STANDARD COPPER ELECTRODES.

NS NOT SHOWN IN THE PICTURE

SMART SOLUTION - DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM.

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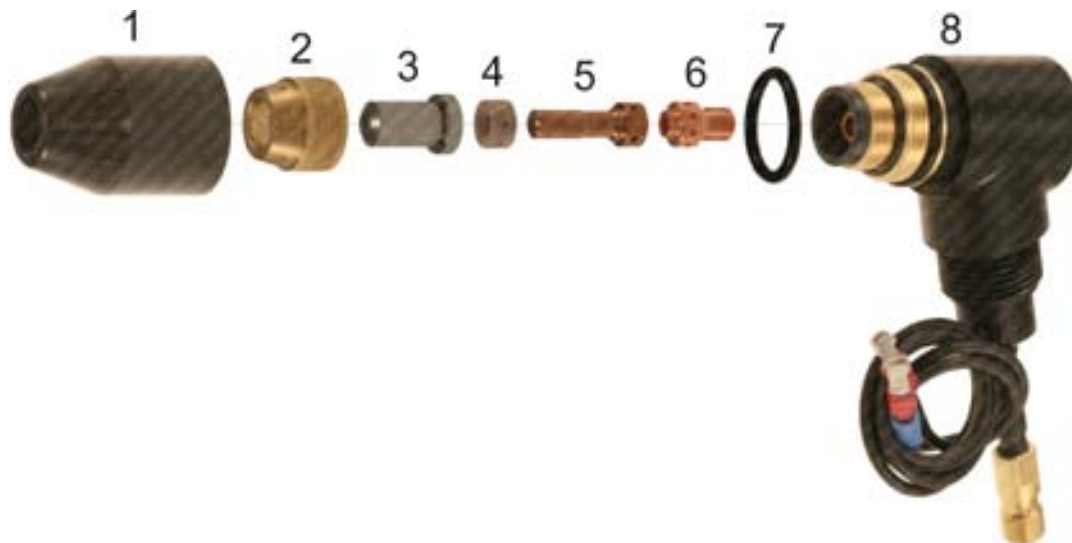
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-23™**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1258	33419	Shield	1	5.	T-1264	33366	Electrode	10
2.	T-1259	33371	Retaining Nut	1	6.	T-2016	33417	Replaceable Seat	1
3.	T-1260	33368	Nozzle 30A	10	7.	T-1306	85W51	O-Ring	1
	T-1261	33369	Nozzle 50A	10	8.	T-1265	21421	Torch Head	1
	T-1262	33418	Nozzle 80A	10	NS	T-1986	21420	Stand-off Guide	1
4.	T-1263	33367	Swirl Baffle	5					

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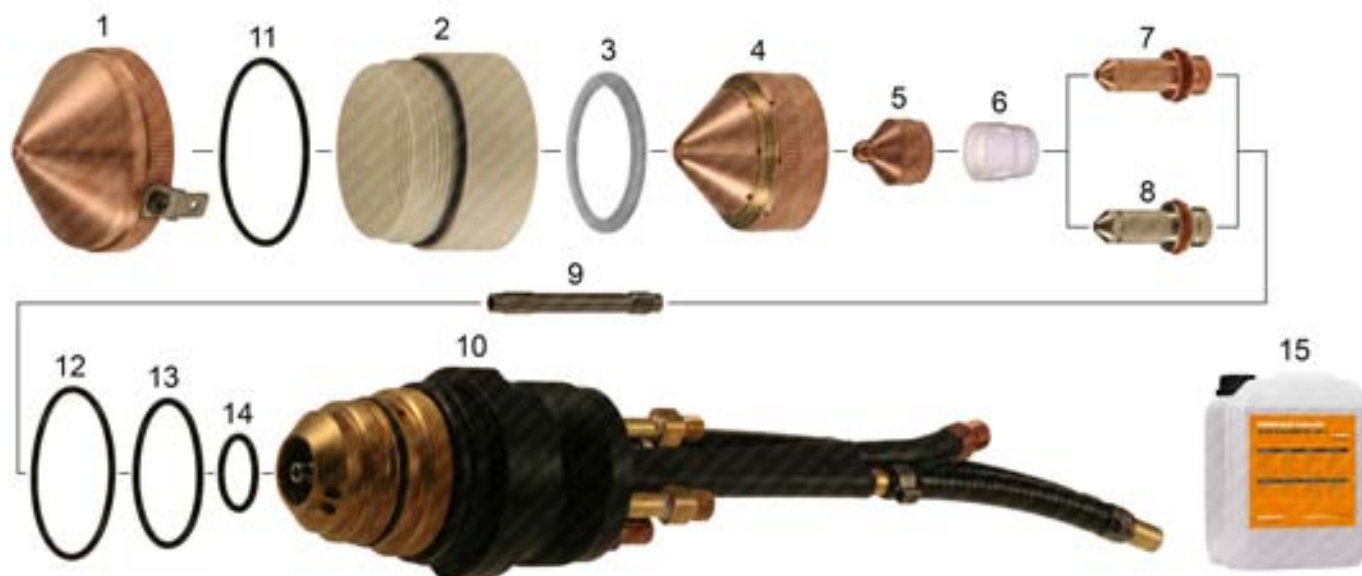
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-24™

PRODUCT BROCHURE WITH DETAILS AT  
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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 on the page 150, section Accessories.	

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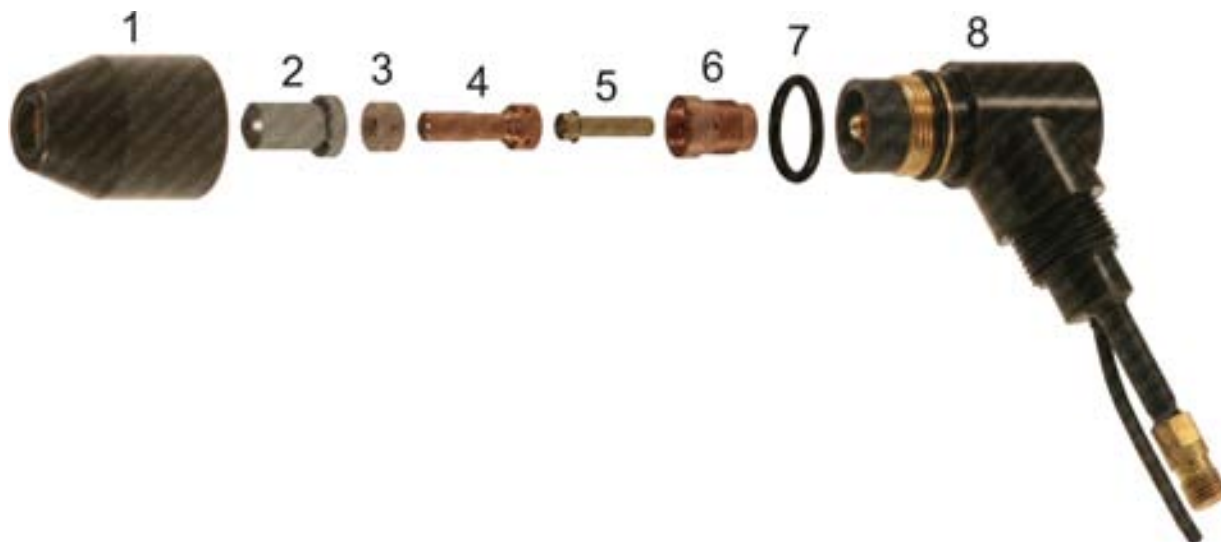
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-27™**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1307	21616	Heat Shield	1	6.	T-1310	21615	Replaceable Seat	5
2.	T-1260	33368	Nozzle 0.9mm 30A	10	7.	T-1306	85W51	O-Ring	1
	T-1261	33369	Nozzle 1.2mm 50-70A	10	8.	T-1309	21610	Torch Body 70°	1
	T-1262	33418	Nozzle 1.3mm 80A	10	NS	T-1986	21420	Stand-off Guide	1
	T-0057	35442	Gouging Nozzle 2.4mm	10	NS	PT-10220	0558003032	Seat Assembly	1
3.	T-1263	33367	Swirl Baffle	5	NS	T-3953	0558003027	Seat Installation Tool	1
4.	T-1264	33366	Electrode	10	NS	KT-1301	21620	PT-27™ Cable Leads 7.6m (25')	1
5.	T-1308	21619	Valve Pin	5					

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-31XL™**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1174	20860	Nozzle XT 30-40A	10		T-1175	21008	Nozzle 35-40A	10
	T-1176	20861	Nozzle XT 50A	10	2.	T-1173	20862	Electrode XT	10

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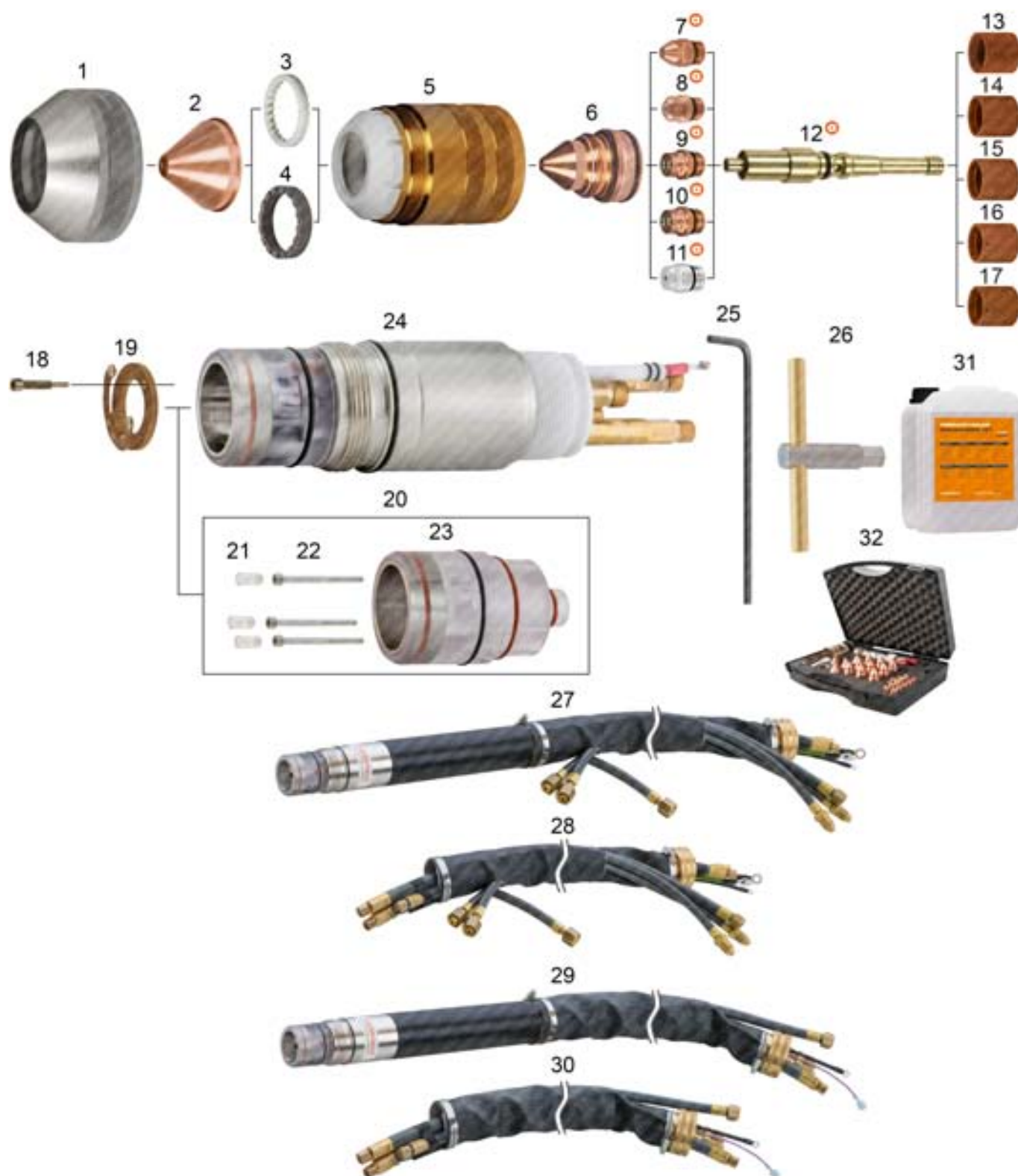
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-36™**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-36™

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	17.	T-11119	0558002530	Gas Swirl Baffle, 8 × 0.047, 360-450A, CCW	1
2.	T-12231	0558009425	Micro Shield 2.5mm 30-60A MS	1	18.	T-11942	37073	Screw, Contact Ring	1
	T-10463	0558007624	Shield Cup 2.4mm 45-55A	1	19.	T-11863	0558003858	Cont. Ring with 2pcs. Screws 37073 (=37071)	1
	T-10333	0558006130	Shield Cup 3.0mm 35-50A	1	20.	T-12040	T-12040	Exchangeable Insulator Kit	1
	T-10332	0558006141	Shield Cup 4.1mm 70-280A	1	21.	PT-13160	0558001825-11	Plastic Screw	1
	T-10334	0558006166	Shield Cup 6.6mm 290-450A	1	22.	PT-13159	0558001825-10	Screw	1
	T-10335	0558006199	Shield Cup 9.9mm 300-600A	1	23.	PT-12123	0558001825-8	Insulator Body	1
3.	T-2269	21944	Diffuser 100-600A	1	24.	T-11208	0558003804	Torch Body PT-36™	1
	T-10331	22496	Diffuser 100-600A, CCW	1	25.	N-20426	93750010	Hex Key Wrench for Contact Ring	1
4.	T-2268	21796	Gas Diffuser 50A	1	26.	T-11665	0558003918 OEM	Electrode Holder Wrench	1
5.	T-10129	37082	Nozzle Retaining Cap, Standard	1	27.	KT-1452	0558006745	PT-36™ Mach. Torch with Leads 1.3m	1
6.	T-12229	0558009406	Micro Nozzle 0.6mm 30A MS/SS/AL	1		KT-1453	0558006746	PT-36™ Mach. Torch with Leads 1.8m	1
	T-12230	0558009410	Micro Nozzle 1.0mm 60A MS/SS/AL	1		KT-1454	0558006747	PT-36™ Mach. Torch with Leads 3.7m	1
	T-10336	0558006010	Nozzle 1.0mm 45/50A MS/SS/AL	1		KT-1455	0558006749	PT-36™ Mach. Torch with Leads 4.6m	1
	T-10337	0558006014	Nozzle 1.4mm 100A MS/AL (70/130A SS)	1		KT-1456	0558006750	PT-36™ Mach. Torch with Leads 5.2m	1
	T-10970	0558006018	Nozzle 1.8mm 100/130A MS (100A SS/AL)	1		KT-1457	0558006779	PT-36™ Mach. Torch with Leads 6.1m	1
	T-10338	0558006020	Nozzle 2.0mm 150/200A MS/AL (130/150A SS)	1		KT-1458	0558006751	PT-36™ Mach. Torch with Leads 7.6m	1
	T-10339	0558006023	Nozzle 2.3mm 200/280A MS (200A SS), (200/260A AL)	1	28.	KT-1460	0558007031	PT-36™ Cable Leads 1.3m	1
	T-10340	0558006025	Nozzle 2.5mm 280/290A MS (260A SS)	1		KT-1461	0558007032	PT-36™ Cable Leads 1.8m	1
	T-10443	0558006030	Nozzle 3.0mm 325/360A MS (360A SS/AL)	1		KT-1462	0558007034	PT-36™ Cable Leads 3.7m	1
	T-10341	0558006036	Nozzle 3.6mm 400A MS (450A SS)	1		KT-1463	0558007036	PT-36™ Cable Leads 4.6m	1
	T-10292	0558006041	Nozzle 4.1mm 600A SS/AL	1		KT-1464	0558007037	PT-36™ Cable Leads 5.2m	1
⊙ 7.	T-12228	⊙ 0558009400-PRO	Micro Electrode 30-60A MS/SS/AL	5		KT-1465	0558007038	PT-36™ Cable Leads 6.1m	1
⊙	T-11910	⊙ 0558003928-UR	Electrode, N <sub>2</sub> /H <sub>35</sub>	5		KT-1466	0558007039	PT-36™ Cable Leads 7.6m	1
	T-10439	0558005459 OEM	Replaced by 0558003914-PRO	3		KT-1522	0558007035	PT-36™ Cable Leads 4.3m, Bevel	1
⊙ 8.	T-11303	⊙ T-11303-PRO	Electrode 50-250A, Silver PRO	5	29.	KT-1478	0558003849	PT-36™ Mach. Torch with Leads 1.4m	1
⊙ 9.	T-11290*	⊙ 0558003914-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5		KT-1479	0558003850	PT-36™ Mach. Torch with Leads 1.8m	1
⊙ 10.	T-11994	⊙ 0558012000-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5		KT-1480	0558003852	PT-36™ Mach. Torch with Leads 3.7m	1
⊙ 11.	T-11209**	⊙ 0558003914-AG	Electrode, Standard, O <sub>2</sub>	5		KT-1481	0558003853	PT-36™ Mach. Torch with Leads 4.6m	1
⊙ 12.	T-11319	⊙ 0558003924-UR	Electrode Holder	1		KT-1482	0558003854	PT-36™ Mach. Torch with Leads 5.2m	1
13.	T-10693	0558005457 OEM	Gas Swirl Baffle, 4 × 0.022, 35-70A	1		KT-1483	0558003856	PT-36™ Mach. Torch with Leads 7.6m	1
14.	T-4607	0558002534	Gas Swirl Baffle, 4 × 0.032, 100-280A, CCW	1	30.			Cable Leads are available on request, because of more possible types of fittings.	
15.	T-4606	0558002533	Gas Swirl Baffle, 4 × 0.032, 100-280A	1	31.			Coolant Liquid. Details on the page 150, section Accessories.	
16.	T-4636	0558001625	Gas Swirl Baffle, 8 × 0.047, 300-600A	1	32.			Consumable Case. Details on the page 156, section Accessories.	

\* A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS

\*\* AVAILABILITY ON REQUEST

⊙ MUST BE USED AS A SET OF ELECTRODE HOLDER AND ELECTRODE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.

**CCW** COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

**-PRO** SILVER PRO TECHNOLOGY INCREASES ELECTRODE LIFETIME SIGNIFICANTLY COMPARED TO STANDARD COPPER ELECTRODES

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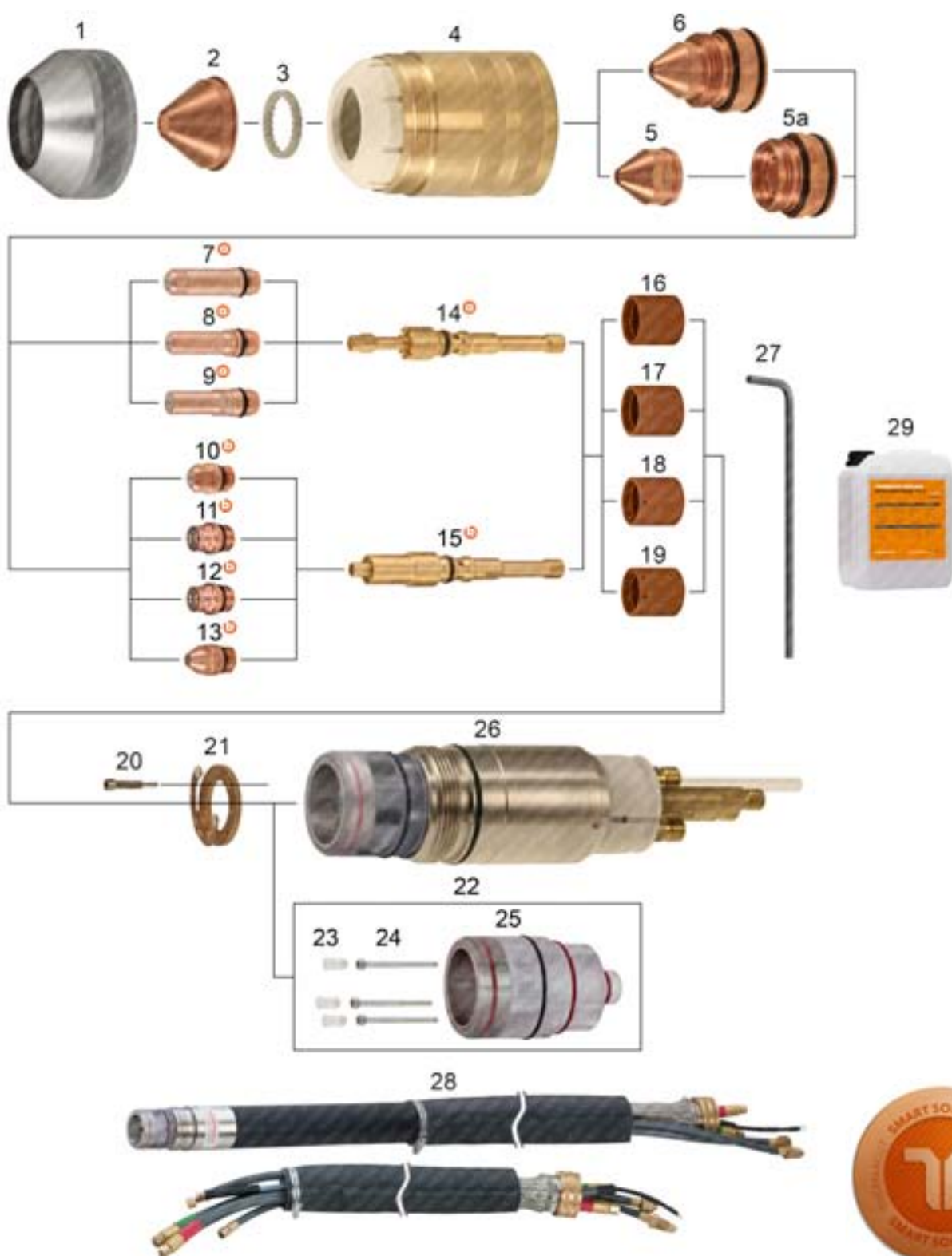
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-600™**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-600™

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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	12.	T-11994	0558012000-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5
2.	T-2266	21802	Shield 100-250A	1	13.	T-11910	0558003928-UR	Electrode, N <sub>2</sub> /H <sub>35</sub>	5
	T-2267	21945	Shield 360A	1		T-10439	0558005459 OEM	Replaced by 0558003914-PRO	3
	T-4580	21795 OEM	Shield 50A	5	14.	T-11201	0558001621	Electrode Holder	1
NS	T-10124	0558004678	Precision Shield 110-200A		15.	T-11210	T-11210	Electrode Holder	1
3.	T-2269	21944	Diffuser 100-600A	1	16.	T-4606	0558002533	Gas Swirl Baffle, 4 hole × 0.032, CW	1
	T-10331	22496	Diffuser 100-600A, CCW	1	17.	T-4607	0558002534	Gas Swirl Baffle, 4 hole × 0.032, CCW	1
NS	T-2268	21796	Gas Diffuser 50A	1	18.	T-4636	0558001625	Gas Swirl Baffle, 8 hole × 0.047, CW	1
4.	T-10129	37082	Nozzle Retaining Cap	1	19.	T-11119	0558002530	Gas Swirl Baffle, 8 Hole × 0.047, CCW	1
5.	T-1720	22026	Nozzle Tip 50A	5	20.	T-11942	37073	Screw	1
	T-1717	22029	Nozzle Tip 100A	5	21.	T-11863	0558003858	Cont. Ring with 2pcs. Screws 37073 (=37071)	1
	T-1718	22030	Nozzle Tip 150A	5	22.	T-12040	T-12040	Exchangeable Insulator Kit	1
	T-1719	22031	Nozzle Tip 200A	5	23.	PT-13160	0558001825-11	Plastic Screw	1
5a.	T-1721	22027	Nozzle Base 50A	1	24.	PT-13159	0558001825-10	Screw	1
	T-1722	22028	Nozzle Base 100-250A	1	25.	PT-12123	0558001825-8	Insulator Body	1
6.	T-5331	0558001881	Nozzle 50A	1	26.	T-10283	0558001825	Torch Body	1
	T-5332	0558001882	Nozzle 100A	1	NS	T-11202	T-11202	Electrode Holder Wrench	1
	T-5333	0558001883	Nozzle 150A	1	NS	KT-1178	996248	PT-600™ Hose, power, 1.8m	1
	T-5334	0558001884	Nozzle 200A	1	NS	KT-1176	34360	PT-600™ Hose, plas., 1.8m	1
	T-5330	0558001623	Nozzle 250A	1	NS	KT-1189	33209	PT-600™ Hose, power, 4.6m	1
	T-5335	0558001885	Nozzle 360A	1	NS	KT-1330	33211	PT-600™ Hose, power, 7.6m	1
	T-5336	0558001886	Nozzle 400A	1	NS	KT-1177	37357	PT-600™ Cable, pilot, 2m	1
	T-5337	0558001887	Nozzle 600A	1	27.	N-20426	93750010	Hex Key Wrench for Contact Ring	1
7.	T-11239	0558001624-PRO	Electrode 250A, Silver PRO	5	28.	Cable Leads are available on request, because of more possible types of fittings.			
8.	T-11240	T-11240-PRO	Electrode 260/400A, Silver PRO	5	29.	Coolant Liquid. Details on the page 150, section Accessories.			
9.	T-11238	0558002516-PRO	Electrode 360/400A, Silver PRO	5					
10.	T-11303	T-11303-PRO	Electrode 50-250A, Silver PRO	5					
11.	T-11290*	0558003914-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5					

ⓐ MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER 0558001621 AND 0558001624-PRO, T-11240-PRO, 0558002516-PRO ELECTRODES.  
MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER T-11210 AND T-11303-PRO, 0558003914-PRO, 0558012000-PRO, 0558003928-UR  
ELECTRODES.

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-PRO TECHNOLOGY OF SILVER INSERTED COPPER ELECTRODE BODY, WHICH SIGNIFICANTLY DECREASES ELECTRODE COSTS WITH SIMILAR WORK PERFORMANCE COMPARED TO FULL SILVER ELECTRODES.

SMART SOLUTION - DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM

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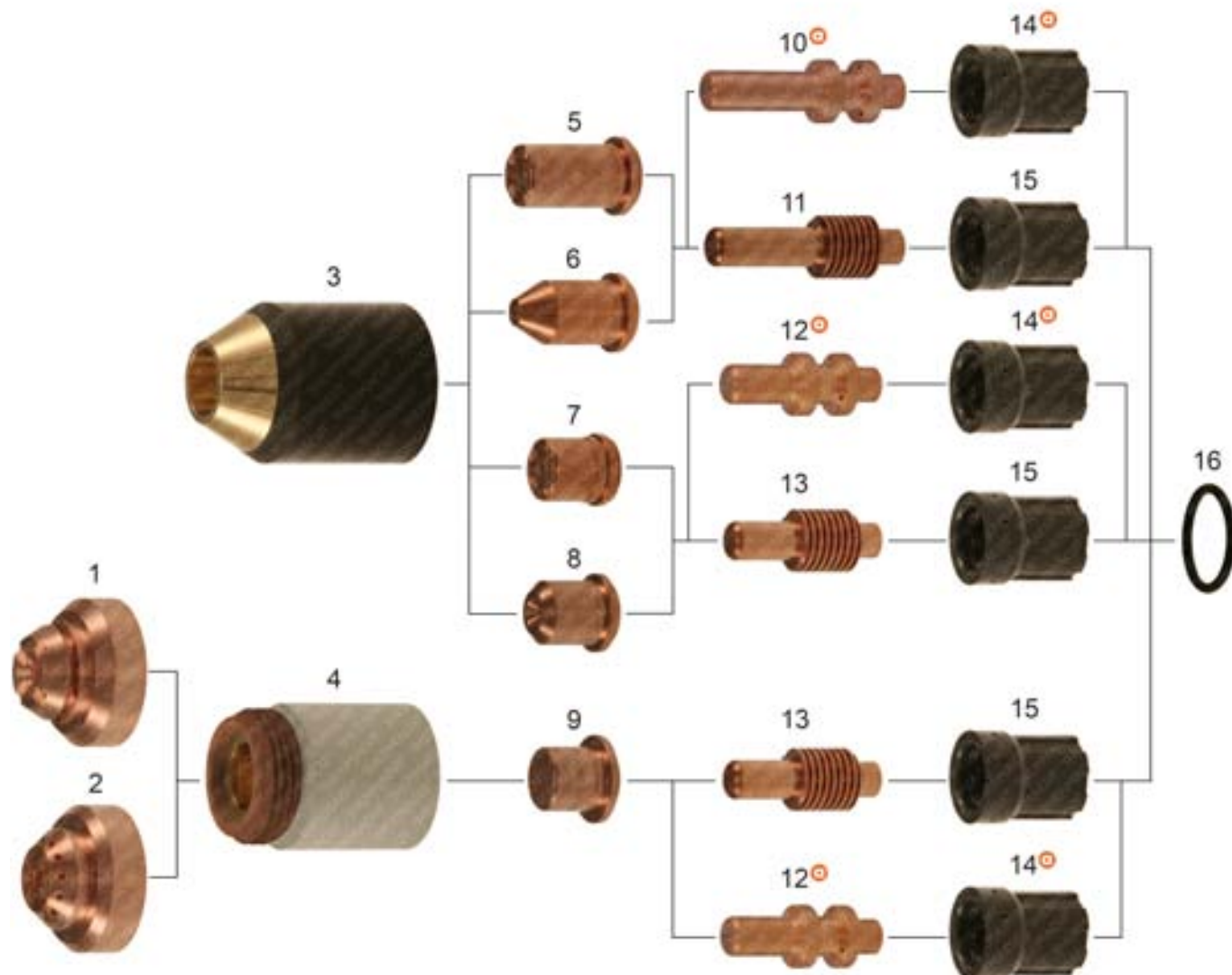
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®40cs/MAX®42/MAX®43**  
**PAC®120/PAC®125T**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®40cs/MAX®42/MAX®43**  
**PAC®120/PAC®125T**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9824*	120601-UR	Shield, Hand	1	9.	T-3420	120438	Nozzle	10
*2.	T-9825*	120602-UR	Shield, Machine	1	⊕ 10.	T-4451 ⊕	120574-UR	Electrode, Extended, Long Life	5
3.	T-9580	020930	Retaining Cap	1	11.	T-2298	120574	Electrode, Extended	5
4.	T-12045	120600	Retaining Cap	1	⊕ 12.	T-4450 ⊕	120573-UR	Electrode, Long Life	5
5.	T-0089	020546	Nozzle, Extended	10	13.	T-3419	120573	Electrode	5
6.	T-0093	120023	Nozzle, Pipe Saddle	5	⊕ 14.	T-4452 ⊕	020361-UR	Swirl Ring	2
	T-1799	020542	Nozzle	10	15.	T-0029	020361	Swirl Ring	2
7.	T-0027	020350	Nozzle, 40A	10	16.	T-0038	044016	O-Ring	1
	T-0028	020395	Nozzle	10	NS	KT-1405	128925	RT60M™ Cable Leads 15.2m (50') with CC	1
8.	T-0094	020539	Nozzle, Gouging	10	NS	KT-1406	083218-UR	RT60M™ Machine Torch with Leads 15.2m (50') with CC	1

\* FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

⊕ MUST BE USED ONLY AS THE SET OF ELECTRODE & SWIRL RING LIKE SHOWN IN THE PICTURE (-UR DESIGN VERSION OR OEM VERSION), SET OFFERS LIFETIME LONGER UP TO 50%

NS NOT SHOWN IN THE PICTURE

**SMART SOLUTION** - DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM

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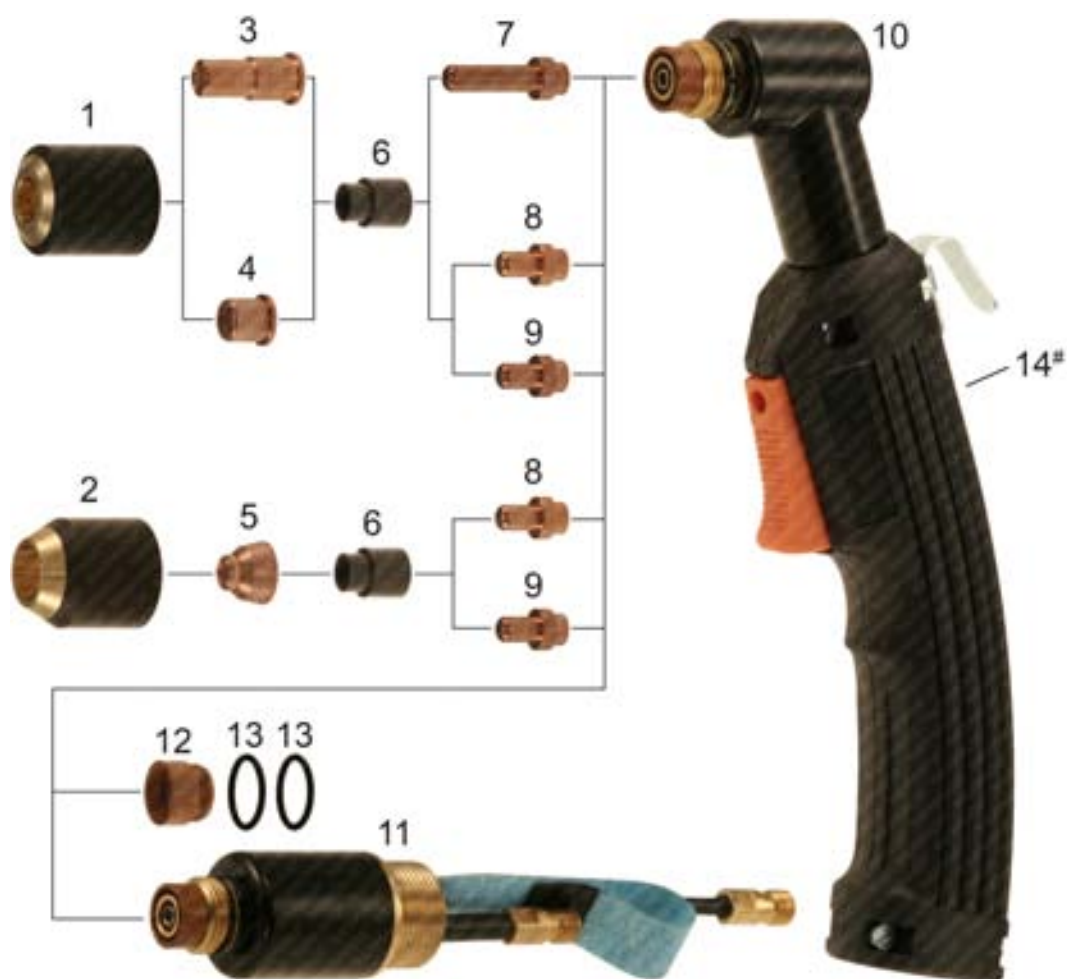
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®40**  
**PAC®140/M**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0043	020104	Retaining Cap, Standard	1	10,14.	T-0055	020122	PAC®140 Hand Torch + Handle	1
2.	T-0044	020200	Retaining Cap, Tapered	1	11.	T-0056	020114	PAC®140/M Machine Torch	1
3.	T-0050	020466	Nozzle, Extended	10	12.	T-0095	020114-1	Front Insulator	1
4.	T-0045	020115	Nozzle 40A	10	13.	T-0038	044016	O-Ring	1
	T-0046	020102	Nozzle 40A (HT®40)	10	#14.	T-1040#	9-5636-1	Handle	5
5.	T-0048	020197	Nozzle 40A, Tapered	10	NS	KT-1229	K.PAC140H.5M	PAC®140/H Hand Torch with Lead 5m (16')	1
NS	T-0096	020340	Nozzle, Gouging	10	NS	KT-1210	057112	PAC®140/H Hand Torch with Lead 7.6m (25')	1
NS	T-0047	020131	Nozzle, Pipe Saddle (HT®40)	10	NS	KT-1261	057113	PAC®140/H Hand Torch with Lead 15.2m (50')	1
6.	T-0051	020101	Swirl Ring	2	NS	KT-1084	028290	PAC®140/M Cable Leads, Mach. 15.2m (50')	1
7.	T-0054	020467	Electrode, Extended	5	Different types of cable leads available on request				
8.	T-0053	020167	Electrode, N <sub>2</sub>	10					
9.	T-0052	020103	Electrode, Air	10					

# ONLY FOR THERMACUT TORCH DESIGN

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MAX®40 AND HT®40 PARTS ARE FULLY INTERCHANGEABLE IN CASE OF NEED.

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 THE CUTTING COMPANY

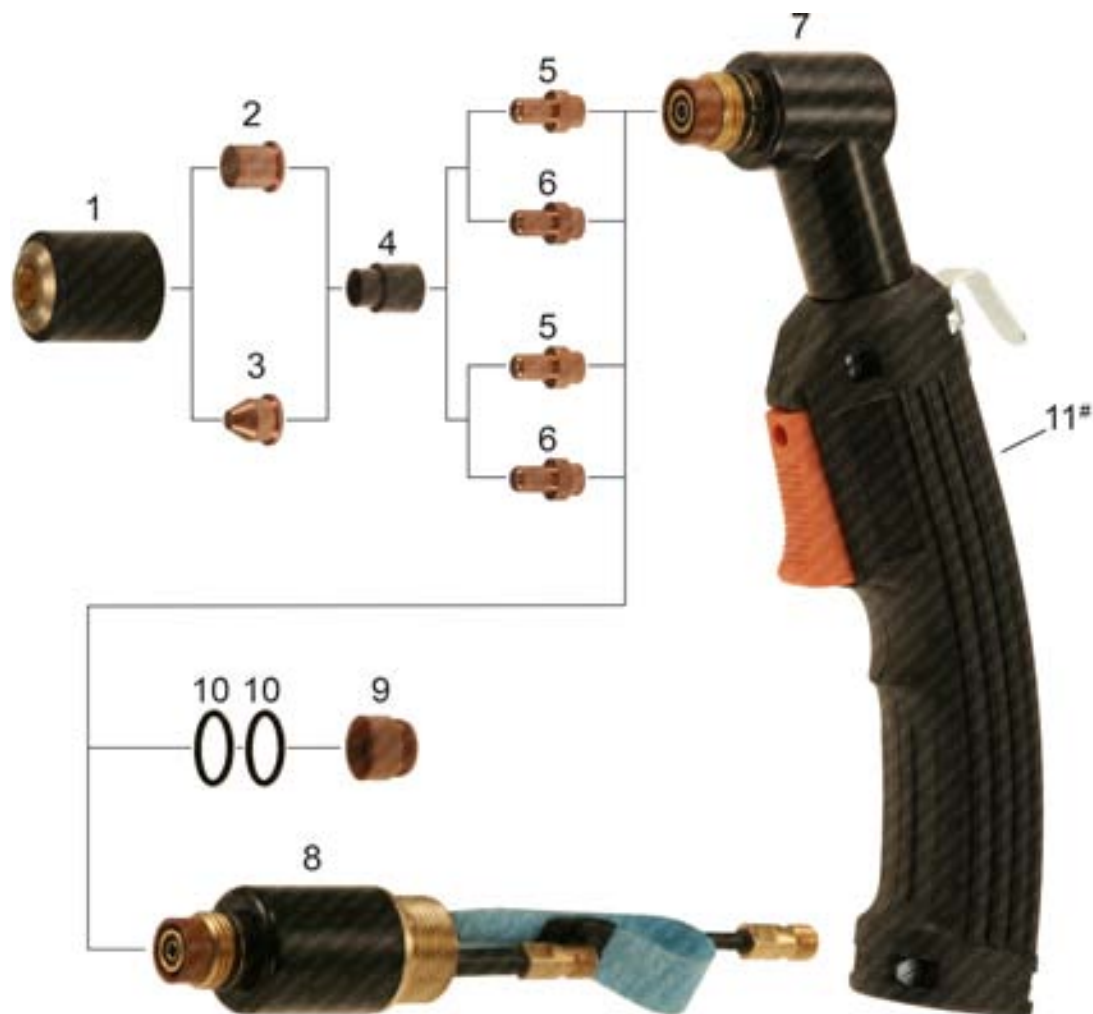
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®40**  
**PAC®140/M**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0043	020104	Retaining Cap, Standard	1	9.	T-0095	020114-1	Front Insulator	1
2.	T-0046	020102	Nozzle 40A	1	10.	T-0038	044016	O-Ring	1
3.	T-0047	020131	Nozzle, Pipe Saddle	1	#11.	T-1040#	9-5636-1	Handle	1
4.	T-0051	020101	Swirl Ring	1	NS	KT-1229	K.PAC140H.5M	PAC®140/H Hand Torch with Lead 5m (16')	1
5.	T-0053	020167	Electrode, N <sub>2</sub>	5	NS	KT-1210	057112	PAC®140/H Hand Torch with Lead 7.6m (25')	1
6.	T-0052	020103	Electrode, Air	5	NS	KT-1261	057113	PAC®140/H Hand Torch with Lead 15.2m (50')	1
7., 11.	T-0055	020122	PAC®140 Hand Torch + Handle	1	NS	KT-1084	028290	PAC®140/M Cable Leads, Mach. 15.2m (50')	1
8.	T-0056	020114	PAC®140/M Machine Torch	1	Different types of cable leads available on request				

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MAX®40 AND HT®40 PARTS ARE FULLY INTERCHANGEABLE IN CASE OF NEED.

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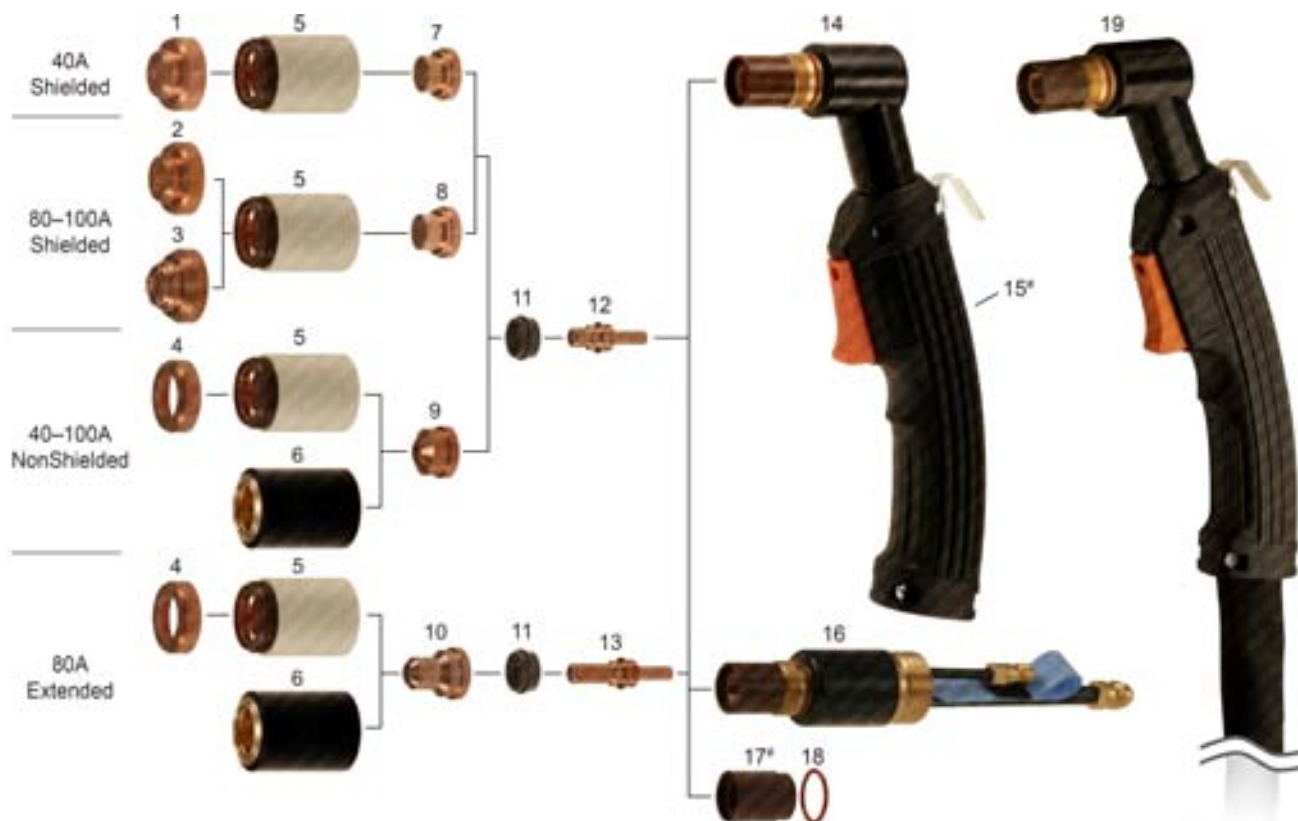
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®70/MAX®80/MAX®100**  
**PAC®130/M**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1041	020492	Shield Mach. 40A - MAX®100, 60A - MAX®100D	1	11.	T-0065	020194	Swirl Ring	2
2.	T-0071	020334	Shield 100A, Machine	1	12.	T-8128	120433	Electrode 80A, 100A	5
3.	T-0072	020335	Shield 100A, Hand	1		T-0066	020191	Electrode 80A, 100A	5
4.	T-0070	020333	Deflector	1		T-0067	020193	Electrode 40A, 80A, 100A	5
5.	T-4609	020336	Retaining Cap	1	13.	T-0098	020564	Electrode, Extended	5
6.	T-0058	020184	Retaining Cap	1	14.,15.	T-0068	020189	PAC®130, Hand Torch + Handle	1
7.	T-0099	020396	Nozzle 40A, Shielded	5	#15.	T-1040#	9-5636-1	Handle	5
8.	T-0062	020397	Nozzle 80A, Shielded	5	16.	T-0069	020201	PAC®130/M, Machine Torch Main Body	1
	T-0063	020337	Nozzle 100A, Shielded	5	#17.	T-0097#	020189-1	Insulator (only for TMT torch)	1
9.	T-0059	020203	Nozzle 40A, NonShielded	5	18.	T-0074	026018	O-Ring	1
	T-0060	020345	Nozzle 80A, NonShielded	5	19.	KT-1079	059076	PAC®130/H Hand Torch w/ Lead 7.6m (25')	1
	T-0061	020195	Nozzle 100A, NonShielded	5	NS	KT-1298	029198	PAC®130/H Cable Leads, Hand 7.6m (25')	1
10.	T-0100	020563	Nozzle 80A, Extended	5	NS	KT-1451	059008	PAC®130/M Machine Torch w/ Leads 7.6m (25')	1
NS	T-0064	020339	Nozzle 100A, Gouging	5	Different types of cable leads available on request				

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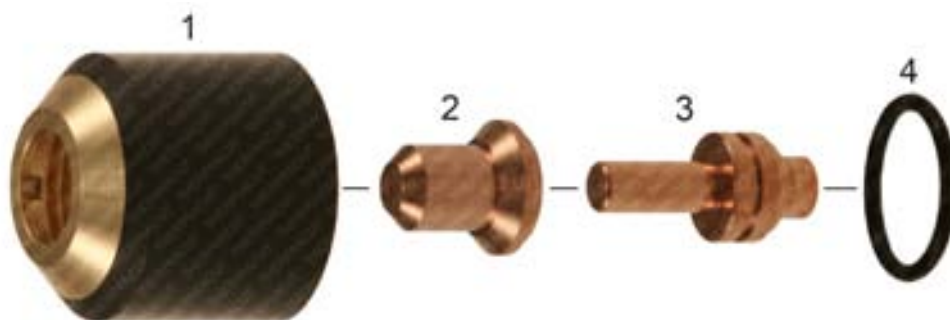
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 350**  
**PAC® 110**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0032	020218	Retaining Cap	1	3.	T-0037	020382	Electrode, Extended	10
2.	T-1860	120504	Nozzle 25A, Extended	10	4.	T-0038	044016	O-Ring	1

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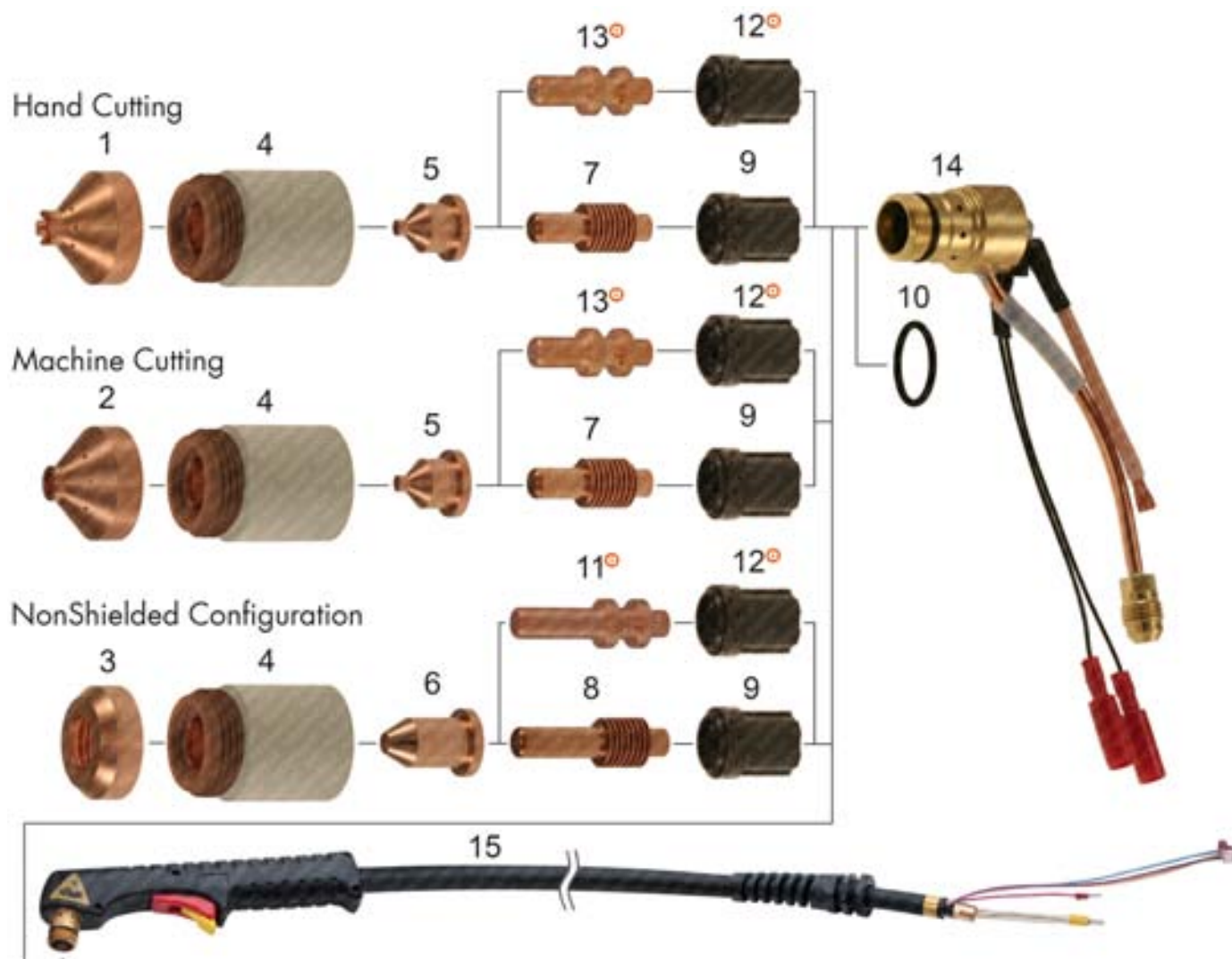
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 600**  
**PAC® 123T/M**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 600**  
**PAC® 123T/M**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9827*	120828-UR	Shield 40A, Hand	1	⊕ 11.	T-4451 ⊕	120574-UR	Electrode, Extended, Long Life	5
*2.	T-10727*	120827-UR	Shield 40A, Machine	1	⊕ 12.	T-4453 ⊕	120576-UR	Swirl Ring, Long Life	2
3.	T-1564	120303	Deflector	1	⊕ 13.	T-4450 ⊕	120573-UR	Electrode, Long Life	5
4.	T-12045	120600	Retaining Cap	1	14.	T-10269	120570	Torch Main Body with Safety Switch	1
5.	T-2847	120826	Nozzle 40A	5	NS	KT-1334	129476	PAC®123T Cable Leads, Hand 7.6m (25')	1
6.	T-3418	120606	Nozzle 35A, Extended	10	15.	KT-1333	086002	PAC®123T Hand Torch with Lead 7.6m (25')	1
7.	T-3419	120573	Electrode	5	NS	KT-1448	086024	PAC®123T H. Torch with Lead 7.6m(25'), Centr. Conn.	1
8.	T-2298	120574	Electrode, Extended	5	Different types of cable leads available on request				
9.	T-2230	120576	Swirl Ring	2					
10.	T-0038	044016	O-Ring	1					

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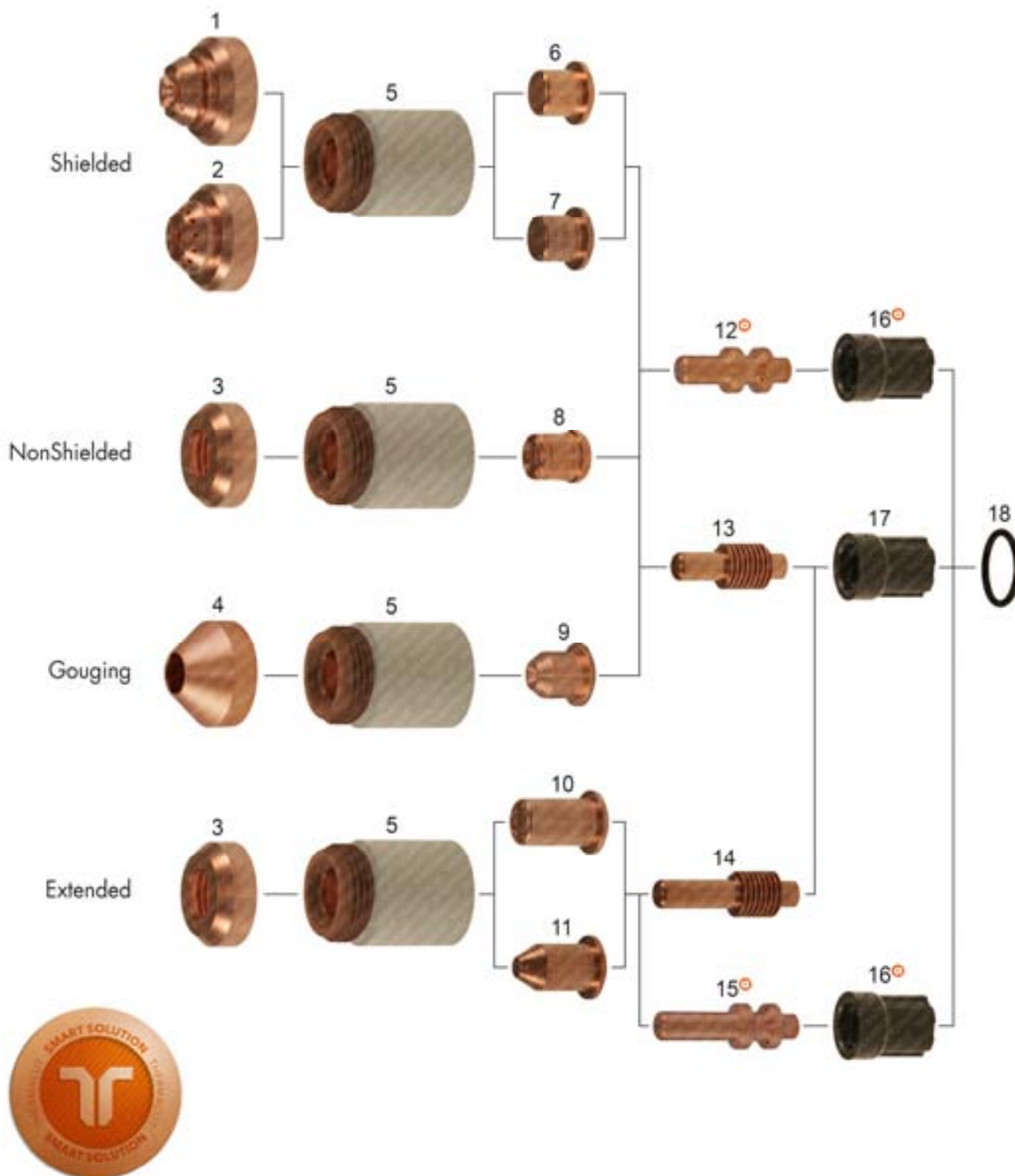
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 800**  
**PAC® 121T/M/125T/M**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 800**  
**PAC® 121T/M/125T/M**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9824*	120601-UR	Shield, Hand	1	⊕ 16.	T-4452 ⊕	020361-UR	Swirl Ring, Long Life	2
*2.	T-9825*	120602-UR	Shield, Machine	1	17.	T-0029	020361	Swirl Ring	2
3.	T-1564	120303	Deflector	1	18.	T-0038	044016	O-Ring	1
4.	T-3412	120608	Shield, Gouging	1	NS	KT-1297	129352	PAC®125T Cable Leads 7.6m (25') with CC	1
5.	T-12045	120600	Retaining Cap	1	NS	KT-1374	083066	PAC®125T Hand Torch with Lead 7.6m (25') with CC	1
6.	T-1567	120282	Nozzle 50A, Shielded	5	NS	KT-1501	083067	PAC®125T Hand Torch with Lead 15.2m (50') with CC	1
7.	T-3420	120438	Nozzle 40A, Shielded	10	RT NS	KT-1399 RT	128922	RT60™ Hand Cable Leads 7.6m (25') with CC	1
8.	T-0028	020395	Nozzle, NonShielded	10	RT NS	KT-1398 RT	083215-UR	RT60™ Hand Torch with Lead 7.6m (25') with CC	1
9.	T-1568	120281	Nozzle, Gouging	1	RT NS	KT-1524 RT	083216-UR	RT60™ Hand Torch with Lead 15.2m (50') with CC	1
10.	T-1569	120304	Nozzle, Extended	5	RT NS	KT-1405 RT	128925	RT60™ Machine Cable Leads 15.2m (50') with CC	1
11.	T-1570	120305	Nozzle, Pipe Saddle, Extended	5	RT NS	KT-1525 RT	083217-UR	RT60™ Machine Torch with Leads 7.6m (25') with CC	1
NS	T-9999	220330	Nozzle (PAC®123, FineCut®)	5	RT NS	KT-1406 RT	083218-UR	RT60™ Machine Torch with Leads 15.2m (50') with CC	1
⊕ 12.	T-4450 ⊕	120573-UR	Electrode, Long Life	5	Different types of cable leads available on request				
13.	T-3419	120573	Electrode	5					
14.	T-2298	120574	Electrode, Extended	5					
⊕ 15.	T-4451 ⊕	120574-UR	Electrode, Extended, Long Life	5					

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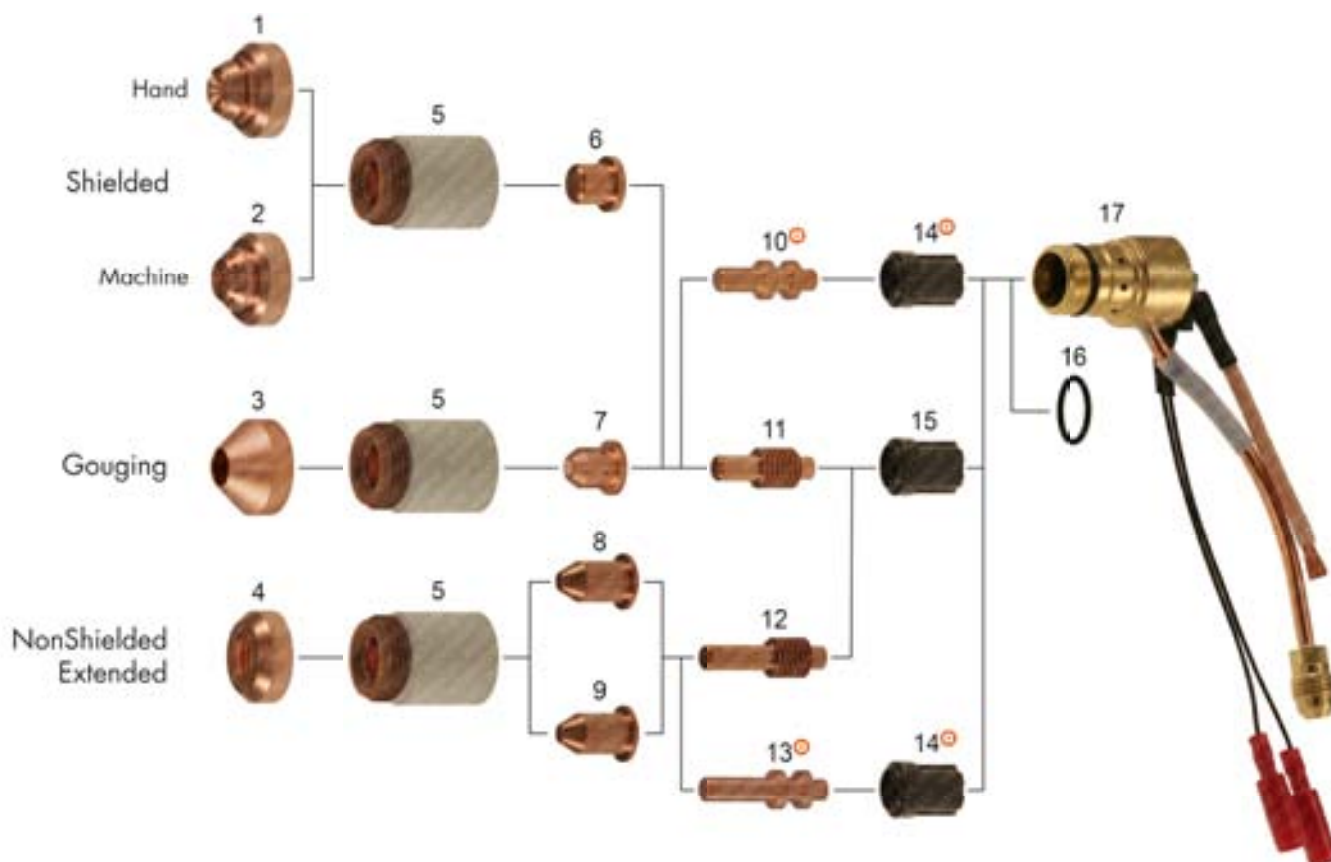
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 900**  
**PAC® 125T/M**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**POWERMAX® 900**  
**PAC®125T/M**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9824*	120601-UR	Shield, Hand	1	⊕ 14.	T-4453 ⊕	120576-UR	Swirl Ring, Long Life	2
*2.	T-9825*	120602-UR	Shield, Machine	1	15.	T-2230	120576	Swirl Ring	2
3.	T-3412	120608	Shield, Gouging	1	16.	T-0038	044016	O-Ring	1
4.	T-1564	120303	Deflector	1	17.	T-10269	120570	Torch Main Body with Safety Switch	1
5.	T-12045	120600	Retaining Cap	1	NS	KT-1297	129352	PAC®125T Cable Leads 7.6m (25') with CC	1
6.	T-3414	120577	Nozzle 55A, Shielded	5	NS	KT-1374	083066	PAC®125T Hand Torch with Lead 7.6m (25') with CC	1
7.	T-3415	120607	Nozzle, Gouging	10	NS	KT-1501	083067	PAC®125T Hand Torch with Lead 15.2m (50') with CC	1
8.	T-3417	120578	Nozzle 55A, Extended	10	NS	KT-1399	128922	RT60™ Hand Cable Leads 7.6m (25') with CC	1
9.	T-3418	120606	Nozzle 35A, Extended	10	Ⓜ NS	KT-1398 Ⓜ	083215-UR	RT60™ Hand Torch with Lead 7.6m (25') with CC	1
NS	T-9999	220330	Nozzle (PAC®123, FineCut®)	5	Ⓜ NS	KT-1524 Ⓜ	083216-UR	RT60™ Hand Torch with Lead 15.2m (50') with CC	1
⊕ 10.	T-4450 ⊕	120573-UR	Electrode, Long Life	5	Ⓜ NS	KT-1405 Ⓜ	128925	RT60M™ Machine Cable Leads 15.2m (50') with CC	1
11.	T-3419	120573	Electrode	5	Ⓜ NS	KT-1525 Ⓜ	083217-UR	RT60M™ Machine Torch with Leads 7.6m (25') with CC	1
12.	T-2298	120574	Electrode, Extended	5	Ⓜ NS	KT-1406 Ⓜ	083218-UR	RT60M™ Machine Torch with Leads 15.2m (50') with CC	1
⊕ 13.	T-4451 ⊕	120574-UR	Electrode, Extended, Long Life	5	Different types of cable leads available on request.				

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NS NOT SHOWN IN THE PICTURE

CC CENTRAL CONNECTOR

Ⓜ RT60™ AND RT60M™ ARE RETROFIT KITS, WHICH USES CONSUMABLES FOR PRODUCT LINE POWERMAX® 1000/1250/1650, CONSUMABLES SHOWN ABOVE OF THIS PAGE DOESN'T FIT TO THIS TORCHES.

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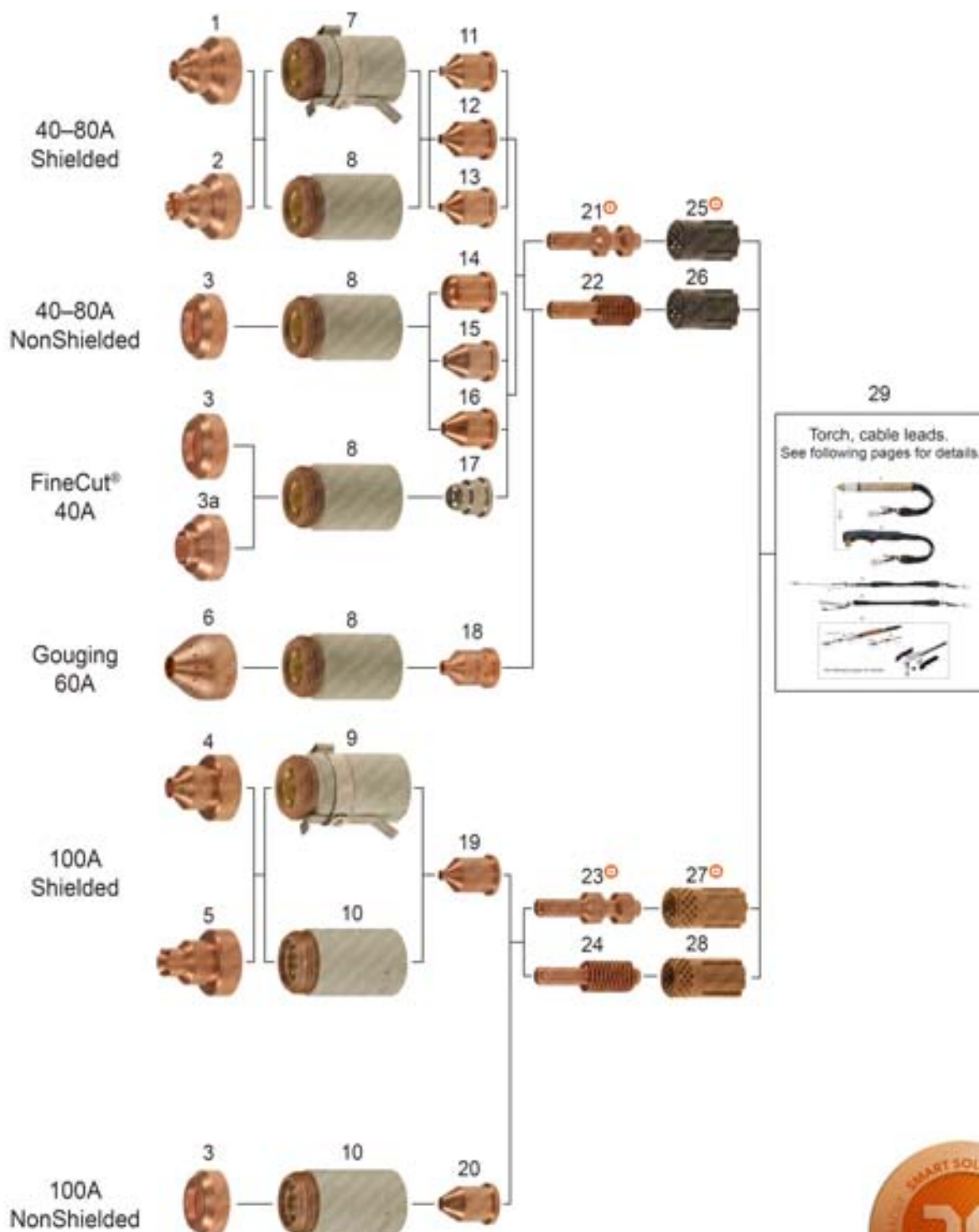
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

Hypertherm®

POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650

T60™/T60M™, T80™/T80M™, T100™/T100M™/T100M-2™



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**T60™/T60M™, T80™/T80M™, T100™/T100M™/T100M-2™**

Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg
*1.	T-9831*	120930-UR	Shield 40A/60A/80A, Machine	1	16.	T-3892	120980	Nozzle 80A, Extended	5
*2.	T-9830*	120929-UR	Shield 40A/60A/80A, Hand	1	17.	T-9998	220329	Nozzle 40A, FineCut®	5
3.	T-4188	120979	Deflector 40A/60A/80A/100A	1	18.	T-11300	220059	Nozzle 60-80A, Gouging	5
3a.	T-10410	220325 OEM	Deflector, CE 40A, FineCut®	1	19.	T-8892	220011	Nozzle 100A	5
*4.	T-9832*	220047-UR	Shield 100A, Machine	1	20.	T-4190	220064	Nozzle 100A, Extended	5
*5.	T-9833*	220065-UR	Shield 100A, Hand	1	21.	T-4454	120926-UR	Electrode 40A/60A/80A, Long Life	5
6.	T-11299	120977	Shield 60-100A, Gouging	1	22.	T-8401	120926	Electrode 40A/60A/80A	5
7.	T-12067	220061	Retaining Cap 40A/60A/80A, Ohmic	1	23.	T-4455	220037-UR	Electrode 100A, Long Life	5
8.	T-12066	120928	Retaining Cap 40A/60A/80A	1	24.	T-8872	220037	Electrode 100A	5
9.	T-12071	220206	Retaining Cap 100A, Ohmic	1	25.	T-4456	120925-UR	Swirl Ring 40A/60A/80A, Long Life	2
10.	T-8902	220048	Retaining Cap 100A	1	26.	T-8400	120925	Swirl Ring 40A/60A/80A	2
11.	T-3891	120932	Nozzle 40A	5	27.	T-4457	220051-UR	Swirl Ring 100A, Long Life	1
12.	T-8405	120931	Nozzle 60A	5	28.	T-11288	220051	Swirl Ring 100A	2
13.	T-3890	120927	Nozzle 80A	5	29. Torch, cable leads. See following pages for details.				
14.	T-3889	220006	Nozzle 40A, Extended	5					
15.	T-4572	220007	Nozzle 60A, Extended	5					

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**SMART SOLUTION** – DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**T60™/T60M™ TORCH, T80™/T80M™ TORCH, T100™/T100M™ TORCH**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**T60™/T60M™ TORCH, T80™/T80M™ TORCH, T100™/T100M™ TORCH**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	KT-1194*	083175-UR	T60M™ Machine Torch with Leads 4.6m (15')	1	*	KT-1149*	059270-UR	T100™ Hand Torch with Leads 15.2m (50')	1
*	KT-1138*	083174-UR	T60M™ Machine Torch with Leads 7.6m (25')	1	*	KT-1345*	059499-UR	=059270-UR	1
*	KT-1195*	083176-UR	T60M™ Machine Torch with Leads 10.7m (35')	1	3.	T-4510	058519	O-Ring	1
*	KT-1196*	083177-UR	T60M™ Machine Torch with Leads 15.2m (50')	1	*4.	KT-1136*	128681-UR	T60™ Cable Leads, Hand 7.6m (25')	1
*	KT-1193*	087003-UR	T80M™ Machine Torch with Leads 4.6m (15')	1	*	KT-1140*	128682-UR	T60™ Cable Leads, Hand 15.2m (50')	1
*	KT-1134*	087004-UR	T80M™ Machine Torch with Leads 7.6m (25')	1	*5.	KT-1192*	128634-UR	T60M™/T80M™ Cable Leads, Machine 4.6m (15')	1
*	KT-1184*	087005-UR	T80M™ Machine Torch with Leads 10.7m (35')	1	*	KT-1133*	128633-UR	T60M™/T80M™ Cable Leads, Machine 7.6m (25')	1
*	KT-1163*	087006-UR	T80M™ Machine Torch with Leads 15.2m (50')	1	*	KT-1183*	128635-UR	T60M™/T80M™ Cable Leads, Machine 10.7m (35')	1
*	KT-1124*	059265-UR	T100M™ Machine Torch with Leads 7.6m (25')	1	*	KT-1162*	128641-UR	T60M™/T80M™ Cable Leads, Machine 15.2m (50')	1
*	KT-1170*	059268-UR	T100M™ Machine Torch with Leads 10.7m (35')	1	*4.	KT-1130*	128637-UR	T80™ Cable Leads, Hand 7.6m (25')	1
*	KT-1175*	059272-UR	T100M™ Machine Torch with Leads 15.2m (50')	1	*	KT-1144*	128636-UR	T80™ Cable Leads, Hand 15.2m (50')	1
*	KT-1450*	059315-UR	T100M-2™ Machine Torch with Leads 7.6m (25')	1	*	KT-1146*	128893-UR	T80™ Cable Leads, Hand 22.9m (75')	1
*	KT-1395*	059325-UR	T100M-2™ Machine Torch with Leads 15.2m (50')	1	*	KT-1121*	128755-UR	T100™ Cable Leads, Hand 7.6m (25')	1
*	T-13153*	059326-UR	T100M-2™ Machine Torch with Leads 22.9m (75')	1	*	KT-1148*	128752-UR	T100™ Cable Leads, Hand 15.2m (50')	1
*	KT-1259*	059300-UR	T100M™ Machine Torch with Leads 22.9m (75')	1	*5.	KT-1122*	128753-UR	T100M™ Cable Leads, Machine 7.6m (25')	1
*2.	KT-1137*	083172-UR	T60™ Hand Torch with Leads 7.6m (25')	1	*	KT-1169*	128751-UR	T100M™ Cable Leads, Machine 10.7m (35')	1
*	KT-1141*	083171-UR	T60™ Hand Torch with Leads 15.2m (50')	1	*	KT-1174*	128759-UR	T100M™ Cable Leads, Machine 15.2m (50')	1
*	KT-1143*	083208-UR	T60™ Hand Torch with Leads 22.9m (75')	1	*	KT-1258*	KT100M.22.9M.K	T100M™ Cable Leads, Machine 22.9m (75')	1
*	KT-1131*	087001-UR	T80™ Hand Torch with Leads 7.6m (25')	1	*	KT-1467*	228222-UR	T100M-2™ Cable Leads, Machine 7.6m (25')	1
*	KT-1145*	087002-UR	T80™ Hand Torch with Leads 15.2m (50')	1	*	KT-1396*	228224-UR	T100M-2™ Cable Leads, Machine 15.2m (50')	1
*	KT-1147*	087047-UR	T80™ Hand Torch with Leads 22.9m (75')	1	6.	Torch, cable leads. See following pages for details.			
*	KT-1123*	059264-UR	T100™ Hand Torch with Leads 7.6m (25')	1					

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1000 / POWERMAX® 1250**  
**T60M™/T80M™ MACHINE TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-10319*	128640-UR	T60M™/T80M™ Torch Body Kit (incl. items 1, 2, 3, 5)	1	*5.	T-10253*	128521-UR	T60™, T80™/T60M™, T80M™ Torch Head Repair Kit	1
2.	T-10237	027889 OEM	Retaining Clip	1	*6.	PT-12161*	128643-UR	Torch Mounting Sleeve Replacement Kit with Screws	1
3.	T-4510	058519	O-Ring	1	7.	T-12159	128710	Torch Positioning Sleeve	1
*4.	T-10615*	128639-UR	TMT Cap-off Sensor Replacement Kit with Screws	1					

**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**POWERMAX® 1000 / POWERMAX® 1250**  
**T60™/T80™ HAND TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-10281*	128564-UR	T60™/T80™ Torch Body Kit (incl. items 1, 2, 3, 5)	1	6.	T-10623	128644-UR	TMT Handle Kit with Screws	1
2.	T-10237	027889 OEM	Retaining Clip	1	7.	T-10849	T-10849	Trigger + Switch	1
3.	T-4510	058519	O-Ring	1	4.-7.	T-10838	T-10838	T60™/T80™/T100™ Handle Repl. Assy	1
4.	T-10615	128639-UR	TMT Cap-off Sensor Replacement Kit with Screws	1	1.-7.	T-10839	T-10839	T60™/T80™ Torch + Handle Repl. Assy	1
*5.	T-10253*	128521-UR	T60™, T80™/T60M™, T80M™ Torch Head Repair Kit	1	1.-5.	T-10846	T-10846	T80™ Torch Body + Cap Sensor	1

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1650**  
**T100M™, T100M-2™ MACHINE TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-10446*	128754-UR	T100M™ Torch Body Kit (incl. items 2, 3, 5)	1	7.	T-12159	128710	Torch Positioning Sleeve	1
2.	T-10237	027889 OEM	Retaining Clip	1	1.-5.	T-10847	T-10847	T100M™ Torch Body + Cap Sensor	1
3.	T-4510	058519	O-Ring	1	*8.	T-11291	228523-UR	T100M-2™ Torch Body Kit (incl. items 3, 9, 10, 11)	1
*4.	T-10615*	128639-UR	TMT Cap-off Sensor Replacement Kit with Screws	1	*9.	T-11292	228522-UR	T100M-2™ Torch Head Repair Kit	1
*5.	T-10473*	128768-UR	T100™/T100M™ Torch Head Repair Kit	1	10.	T-11344	075473	Machine Screws	2
*6.	PT-12161*	128643-UR	Torch Mounting Sleeve Replacement Kit with Screws	1	11.	T-11345	075503	Lock Nuts	2

**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**POWERMAX® 1650**  
**T100™ HAND TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-10444*	128767-UR	T100™ Torch Body Kit (incl. items 2, 3, 5)	1	6.	T-10623	128644-UR	TMT Handle Kit with Screws	1
2.	T-10237	027889 OEM	Retaining Clip	1	7.	T-10849	T-10849	Trigger + Switch	1
3.	T-4510	058519	O-Ring	1	4.-7.	T-10838	T-10838	T60™/T80™/T100™ Handle Repl. Assy	1
4.	T-10615	128639-UR	TMT Cap-off Sensor Replacement Kit with Screws	1	1.-7.	T-10840	T-10840	T100™ Torch Handle Repl. Assy	1
*5.	T-10473*	128768-UR	T100™/T100M™ Torch Head Repair Kit	1	1.-5.	T-10848	T-10848	T100™ Torch Body + Cap Sensor	1

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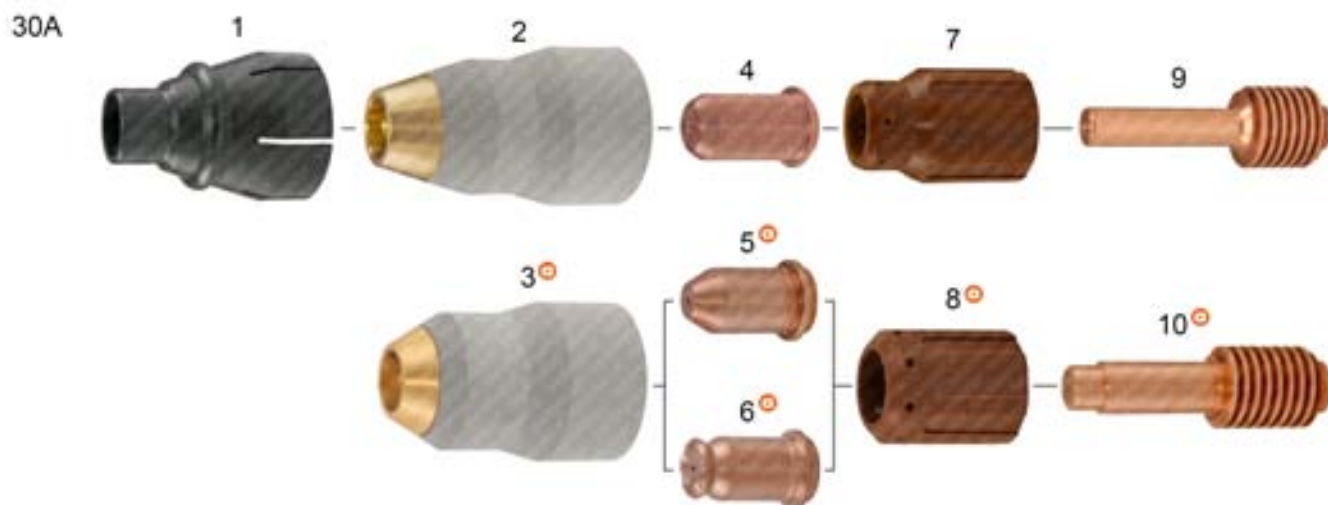
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 30**  
**T30v™ HAND TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10777	220569 OEM	Deflector	1	7.	T-11235	220479	Swirl Ring	1
2.	T-11279	220483	Retaining Cap	1	8.	T-11848	220479-UR	Swirl Ring	2
3.	T-11852	220483-UR	Retaining Cap	1	9.	T-10758	220478 OEM	Electrode	5
4.	T-11234	220480	Nozzle	5	10.	T-11850	220478-UR	Electrode	5
5.	T-11849	220480-UR	Nozzle	5					
6.	T-11943	220480-D	Nozzle Drag	5					

⊕ MUST BE USED ONLY AS A SET OF RETAINING CAP, NOZZLE, SWIRL RING, ELECTRODE, THIS COMPLETE SET IS COMPATIBLE WITH ORIGINAL TORCH BODY.

**Last update of this page: 17/11/2015. See Revision history for details.**

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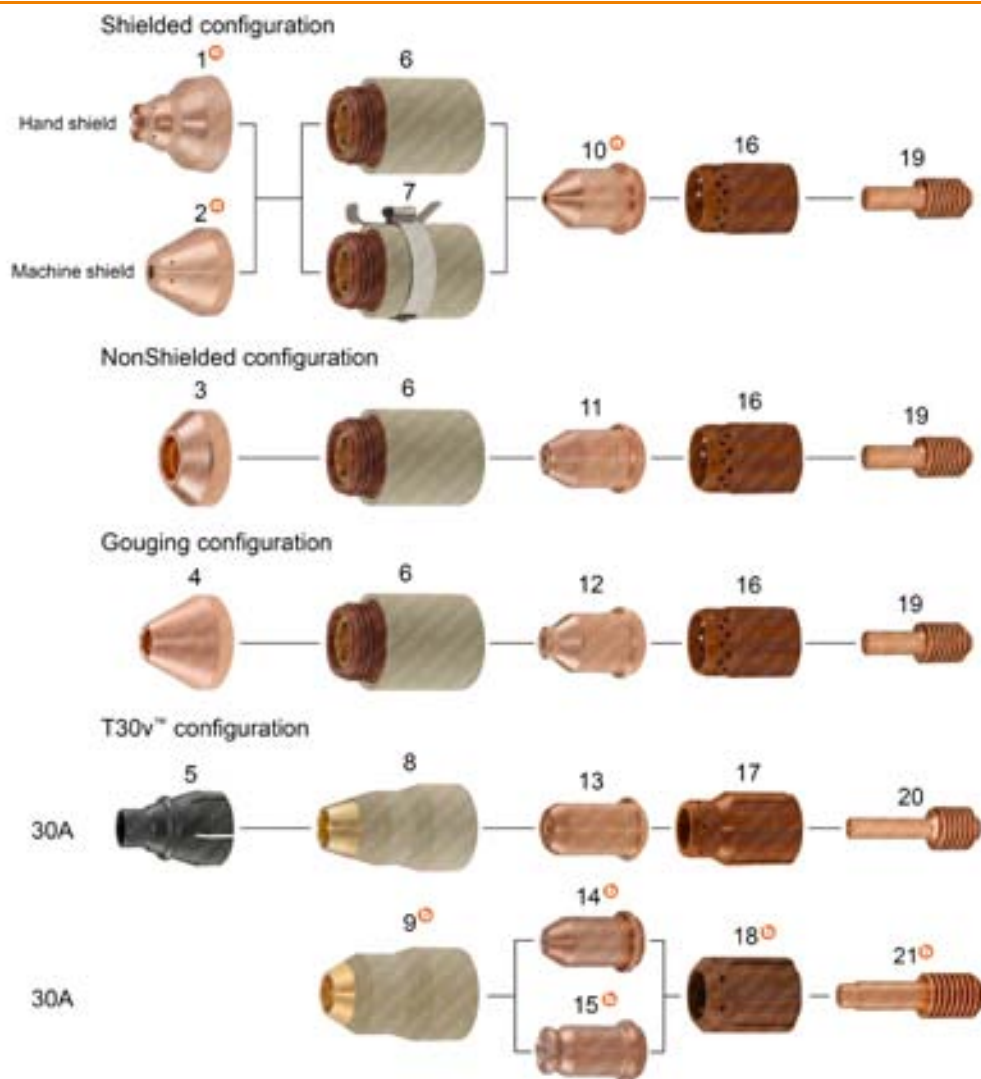
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 45**  
**T30v™/T45v™ HAND TORCH, T45m™ MACHINE TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1	T-11393	220674-UR	Shield, Hand	1	12	T-11394	220672	Nozzle, Gouging	5
2	T-11398	220673-UR	Shield, Machine	1	13	T-11234	220480	Nozzle 30A	5
3	T-11213	220717	Deflector	1	14	T-11849	220480-UR	Nozzle	5
4	T-11392	220675	Shield, Gouging	1	15	T-11943	220480-D	Nozzle Drag	5
5	T-10777	220569 OEM	Deflector (optional)	1	16	T-11212	220670	Swirl Ring 45A	1
6	T-12074	220713	Retaining Cap 45A, without IHS tab	1	17	T-11235	220479	Swirl Ring 30A	1
7	T-12075	220719	Retaining Cap 45A, with IHS tab	1	18	T-11848	220479-UR	Swirl Ring	2
8	T-11279	220483	Retaining Cap 30A	1	19	T-11236	220669	Electrode 45A	5
9	T-11852	220483-UR	Retaining Cap	1	20	T-10758	220478 OEM	Electrode 30A	5
10	T-11395	220671-UR	Nozzle, Shielded	5	21	T-11850	220478-UR	Electrode	5
11	T-11214	220718	Nozzle, NonShielded	5					

- Ⓐ MUST BE USED ONLY AS A SET OF SHIELD AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS  
 Ⓑ MUST BE USED ONLY AS A SET OF RETAINING CAP, NOZZLE, SWIRL RING, ELECTRODE, THIS COMPLETE SET IS COMPATIBLE WITH ORIGINAL TORCH BODY

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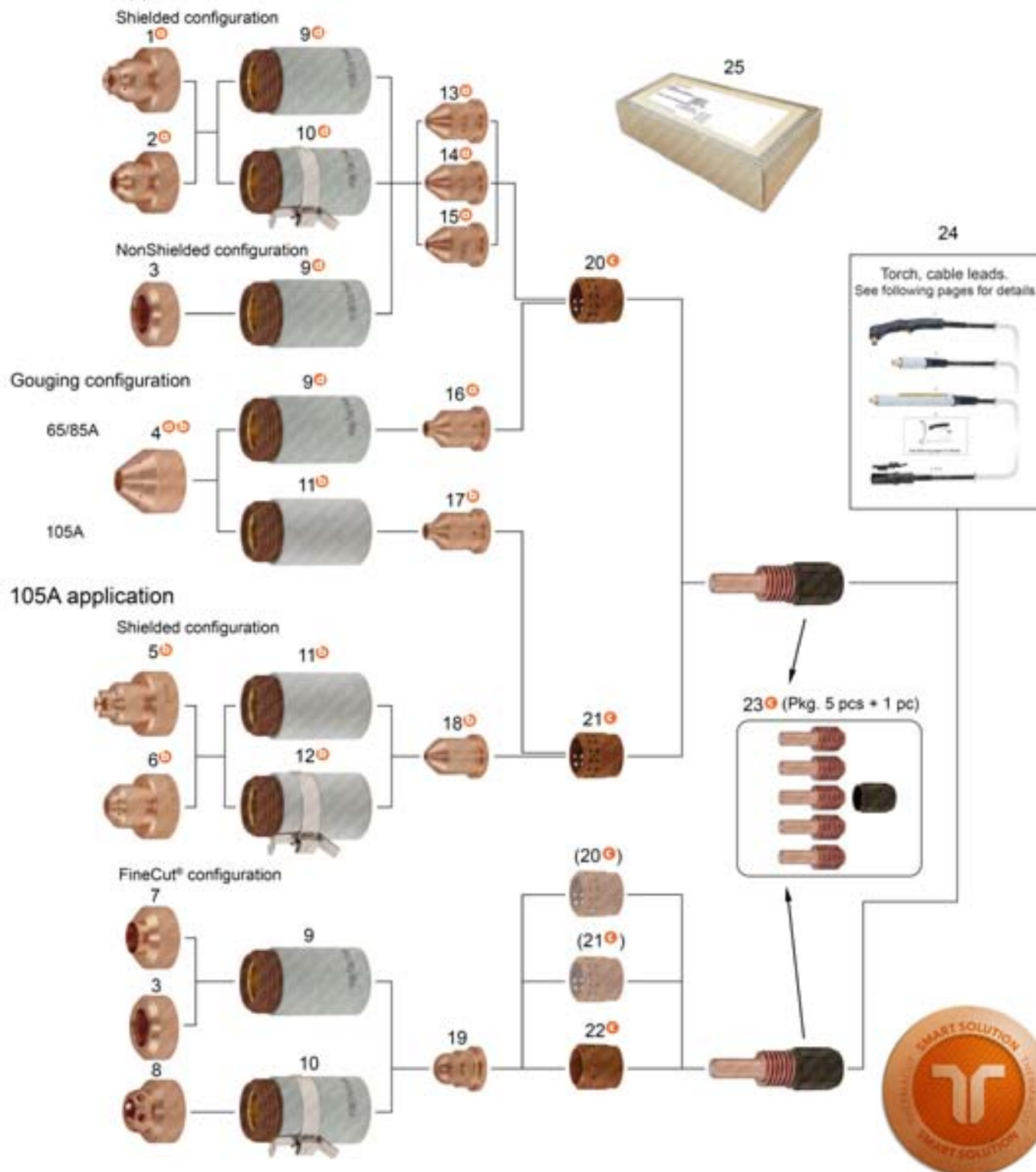
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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

**45/65/85A application**



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




































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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
 1.	T-11406	 220818-UR	Shield 45/65/85A, Hand	1	19.	T-11845	220930	Nozzle 45A, FineCut®	5
 2.	T-11404	 220817-UR	Shield 45/65/85A, Machine	1	 20.	T-11861	 220857-UR	Swirl Ring 45-85A	1
3.	T-11407	220955	Deflector 45/65/85/105A	1	 21.	T-11930	 220994-UR	Swirl Ring 105A	1
  4.	T-12022	220798-UR	Shield 65/85/105A, Gouging	1	 22.	T-12015	 220947-UR	Swirl Ring 45A, FineCut®	1
 5.	T-11841	 220992-UR	Shield 105A, Hand	1	 23.	T-11883	 220842x5	Electrode 45-105A (pkg. 5 pcs.)	1 × 5
 6.	T-11842	 220993-UR	Shield 105A, Machine	1			220842	Part is available in 5pcs. set 220842x5 only	
7.	T-12013	220931	Deflector 45A, FineCut®	1	24.	Torch, cable leads. See following pages for details.			
8.	T-12014	220948	Shield 45A, Ohmic, FineCut®	1	**25.	T-11933**	T-11933	Starter Kit 45A, Hand	1
 9.	T-11423	 220854-UR	Retaining Cap 45/65/85A	1	**	T-11934**	T-11934	Starter Kit 45A, Machine	1
 10.	T-11931	 220953-UR	Retaining Cap 45/65/85A, Ohmic	1	**	T-11935**	T-11935	Starter Kit 65A, Hand	1
 11.	T-11422	 T-11422	Retaining Cap 105A	1	**	T-11936**	T-11936	Starter Kit 65A, Machine	1
 12.	T-11932	 T-11932	Retaining Cap 105A, Ohmic	1	**	T-11937**	T-11937	Starter Kit 85A, Hand	1
 13.	T-11378	 220941-UR	Nozzle 45A	5	**	T-11938**	T-11938	Starter Kit 85A, Machine	1
 14.	T-11377	 220819-UR	Nozzle 65A	5	**	T-11939**	T-11939	Starter Kit 105A, Hand	1
 15.	T-11405	 220816-UR	Nozzle 85A	5	**	T-11940**	T-11940	Starter Kit 105A, Machine	1
 16.	T-12021	 220797-UR	Nozzle 65/85A, Gouging	5	**	T-11941**	T-11941	Empty box for Starter Kit, universal	1
 17.	T-12023	 220991-UR	Nozzle 105A, Gouging	5					
 18.	T-11840	 220990-UR	Nozzle 105A	5					

- Ⓐ MUST BE USED ONLY AS A SET OF SHIELD AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.
- Ⓑ MUST BE USED ONLY AS A SET OF SHIELD, RETAINING CAP AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.
- Ⓐ MUST BE USED ONLY AS A SET OF ELECTRODE AND SWIRL RING, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS. ELECTRODES ARE PACKED TOGETHER WITH SWIRL RING SPRING HOLDER (BLACK PART) IN RATIO 5 ELECTRODES TO 1 HOLDER.
- Ⓐ RETAINING CAP UP TO 85A. FOR 105A - RETAINING CAP T-11422 HAS TO BE USED. DIFFERENT RETAINING CAP HAS TO BE USED FOR 105A AND FOR 45/65/85A.
- \*\* CONTENT: ELECTRODE 5 PCS (PACKED TOGETHER WITH SWIRL RING SPRING HOLDER), NOZZLE 5 PCS, SW. RING 1 PC, RET. CAP 1 PC, SHIELD 2 PCS (20 Ⓐ), (21 Ⓐ) - ALSO POSSIBLE TO USE WITH FineCut® CONFIGURATION, BUT FOR BEST CUT QUALITY RESULTS - USE 220947-UR
- SMART SOLUTION** - DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM

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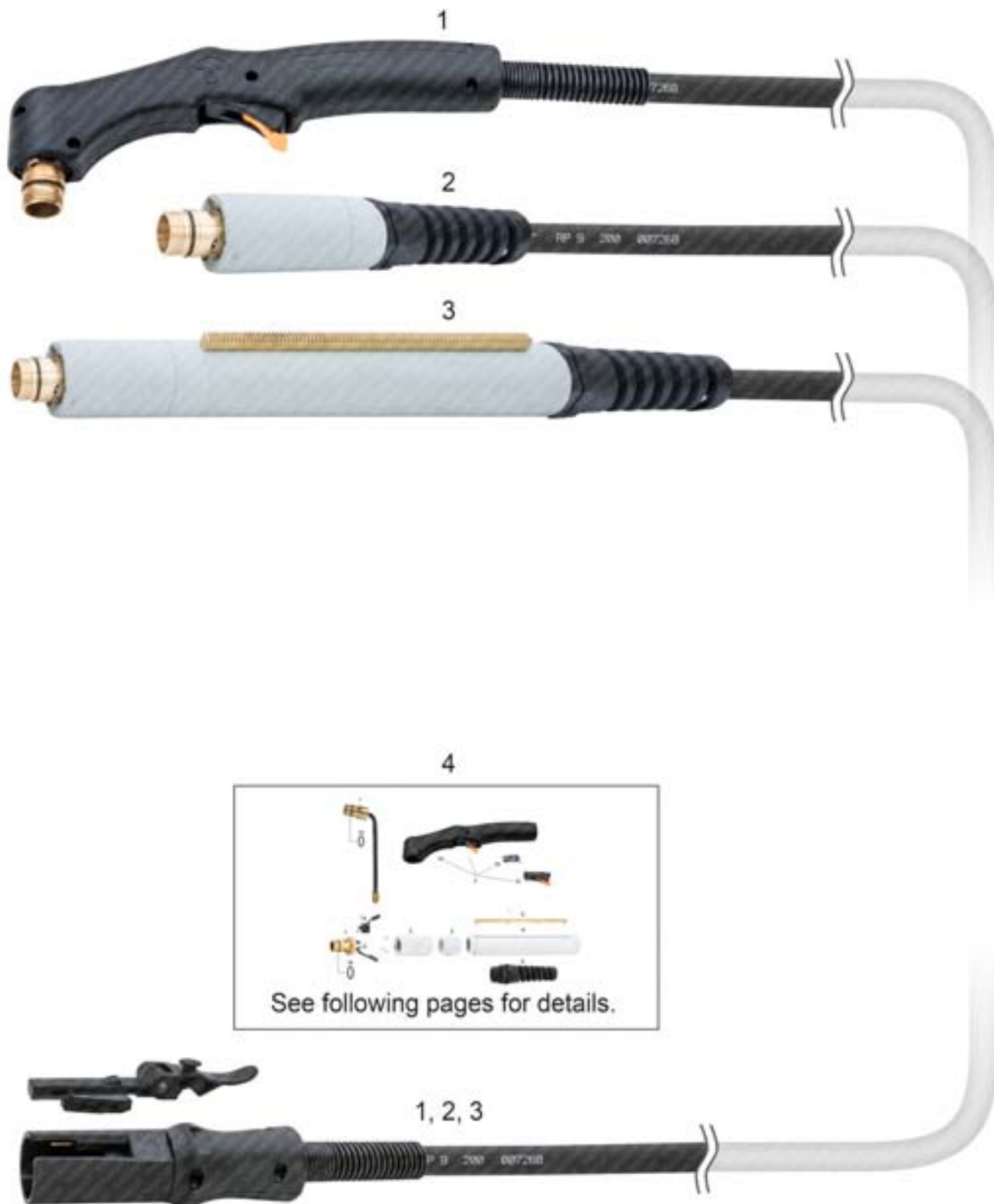
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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**



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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NEW 1.	KT-1513	059473-UR	DURAMAX® Hand Torch with Leads 7.6m (25')	1	NEW 3.	KT-1517	059476-UR	DURAMAX® Machine Torch with Leads 4.6m (15')	1
NEW	KT-1514	059474-UR	DURAMAX® Hand Torch with Leads 15.2m (50')	1	NEW	KT-1518	059477-UR	DURAMAX® Machine Torch with Leads 7.6m (25')	1
NEW	KT-1515	059475-UR	DURAMAX® Hand Torch with Leads 23m (75')	1	NEW	KT-1519	059478-UR	DURAMAX® Machine Torch with Leads 10.7m (35')	1
NEW	!!! T-13067	DEMO DMX105H	DURAMAX® Hand Torch with Leads, sample piece - exhibition only	1	NEW	KT-1520	059479-UR	DURAMAX® Machine Torch with Leads 15.2m (50')	1
NEW	2. T-13073	059481-UR	DURAMAX® Mach. Torch Short with Leads 4.6m (15')	1	NEW	KT-1521	059480-UR	DURAMAX® Machine Torch with Leads 23m (75')	1
NEW	T-13074	059482-UR	DURAMAX® Mach. Torch Short with Leads 7.6m (25')	1	NEW	!!! T-13068	DEMO DMX105M	DURAMAX® Mach. Torch with Leads, sample piece - exhibition only	1
NEW	T-13075	059483-UR	DURAMAX® Mach. Torch Short with Leads 10.7m (35')	1	NEW	4.	Torch, cable leads. See following pages for details.		
NEW	T-13076	059484-UR	DURAMAX® Mach. Torch Short with Leads 15.2m (50')	1					

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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-12233	228958	DURAMAX® Torch Body Kit	1	2b.	T-10607	T-10607	Micro Switch	1
1a.	N-18406	O-KR-17x1,5G	O-Ring	1	2c.	T-171	T-171	Torch Trigger	1
**2.	T-13145	T-13145	Handle Kit Full Set	1					
***2a.	T-12599	T-12599	Handle Cover	1					

\* INCLUDING PARTS 1, 1a.

\*\* INCLUDING PARTS 2a, 2b, 2c.

\*\*\* PLASTIC COVER ONLY, DOESN'T CONTENT TRIGGER, MICROSWITCH, SWITCHES, SCREWS!

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**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® MACHINE TORCH**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-12256	228716	Torch Body DMX65M/85M/105M	1	3.	T-12257	228736	Adaptor Ring	1
1a.	T-13121	228720	Cap Sensor Replacement	1	4.	T-12258	228737	Tube L228	1
1b.	N-18406	O-KR-17x1,5G	O-Ring	1	5.	T-12259	228738-UR	Gear Rack	1
2.	T-12223	228735	Torch Front Sleeve + Screws	1	6.	N-19548	N-19548	Plastic Protection	1

\* INCLUDING PARTS 1, 1a.

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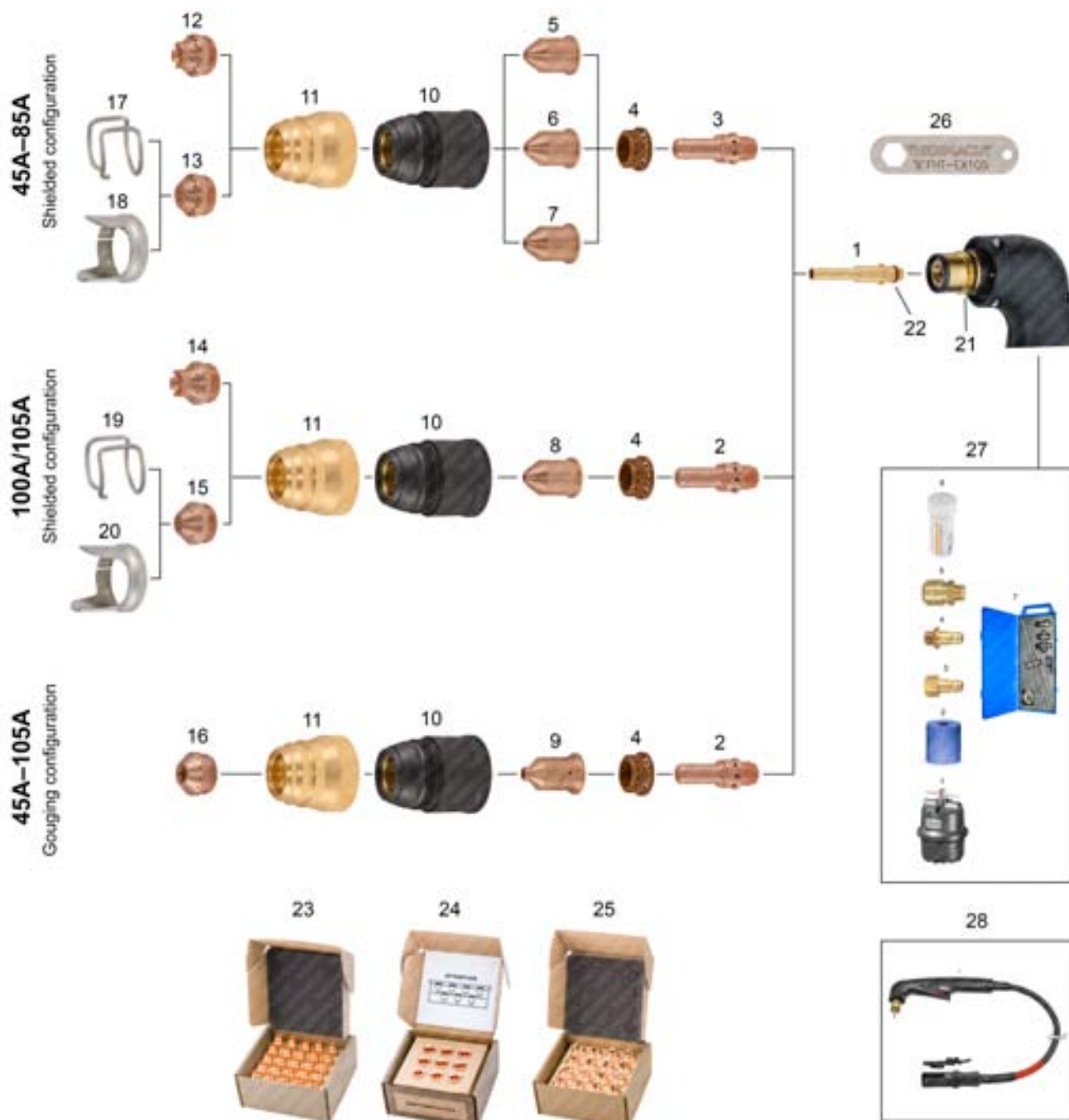
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR

Hypertherm®

POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105

APPLICATION OF FHT-EX®105H TORCH TO POWERMAX® 65/85/105 CUTTING SYSTEM



\* For use in countries that requires CE conformity, the hand torch must be only operated with shielded configuration consumables.

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**APPLICATION OF FHT-EX®105H TORCH TO POWERMAX® 65/85/105 CUTTING SYSTEM**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	EX-5-400-001	EX-5-400-001	Cooling Tube FHT-EX®105	2	19.	EX-5-425-014	EX-5-425-014	Distance Spring 100/105A, L	5
2.	EX-5-401-002	EX-5-401-002	Electrode 100/105A	5	20.	EX-5-426-015	EX-5-426-015	Double Pointed Spacer 100/105A, L	1
3.	EX-5-401-003	EX-5-401-003	Electrode 45-85A	5	21.	EX-5-431-024	EX-5-431-024	O-Ring (fitted on the torch body)	2
4.	EX-5-404-005	EX-5-404-005	Swirl Ring, Contact Ignition	2	22.	EX-5-431-025	EX-5-431-025	O-Ring (fitted on the cooling tube)	2
5.	EX-5-409-007	EX-5-409-007	Nozzle 1.0mm 45A, S	5	23.	EX-5-434-028	EX-5-434-028	Bulk Pack - Electrode 100/105A - 25 pcs.	1
6.	EX-5-409-008	EX-5-409-008	Nozzle 1.15mm 55/65A, S	5		EX-5-434-038	EX-5-434-038	Bulk Pack - Electrode 45-85A - 25 pcs.	1
7.	EX-5-409-009	EX-5-409-009	Nozzle 1.35mm 75/85A, S	5	24.	EX-5-435-029	EX-5-435-029	Bulk Pack - Nozzle 1.55mm 100/105A, L - 25 pcs.	1
8.	EX-5-410-010	EX-5-410-010	Nozzle 1.55mm 100/105A, L	5		EX-5-435-030	EX-5-435-030	Bulk Pack - Nozzle 1.35mm 75/85A, S - 25 pcs.	1
9.	EX-5-440-001	EX-5-440-001	Nozzle 45-105A, Gouging	5		EX-5-435-031	EX-5-435-031	Bulk Pack - Nozzle 1.15mm 55/65A, S - 25 pcs.	1
10.	EX-5-415-006	EX-5-415-006	Nozzle Retaining Cap (Protection Cap)	1		EX-5-435-037	EX-5-435-037	Bulk Pack - Nozzle 1.0mm 45A, S - 25 pcs.	1
11.	EX-5-429-012	EX-5-429-012	Shield / Spacer Retainer	1	25.	EX-5-436-032	EX-5-436-032	Bulk Pack - Hand (contact) Shield 100/105A, L - 16 pcs.	1
12.	EX-5-419-017	EX-5-419-017	Shield 45-85A, S, Hand (contact)	5		EX-5-436-033	EX-5-436-033	Bulk Pack - Hand (contact) Shield 45-85A, S - 16 pcs.	1
13.	EX-5-421-019	EX-5-421-019	Shield 45-85A, S, Machine	5		EX-5-437-034	EX-5-437-034	Bulk Pack - Machine Shield 100/105A, L - 16 pcs.	1
14.	EX-5-420-018	EX-5-420-018	Shield 100/105A, L, Hand (contact)	5		EX-5-437-035	EX-5-437-035	Bulk Pack - Machine Shield 45-85A, S - 16 pcs.	1
15.	EX-5-422-020	EX-5-422-020	Shield 100/105A, L, Machine	5		EX-5-438-036	EX-5-438-036	Bulk Pack - Deflector - 16 pcs.	1
16.	EX-5-440-004	EX-5-440-004	Shield 45-105A, Gouging	5	26.	EX-5-427-021	EX-5-427-021	Electrode Wrench FHT-EX®105	1
17.	EX-5-424-013	EX-5-424-013	Distance Spring 45-85A, S	5	27.	Accessories. See following pages for details.			
18.	EX-5-430-023	EX-5-430-023	Double Pointed Spacer 45-85A, S	1	28.	Torch, cable leads. See following pages for details.			

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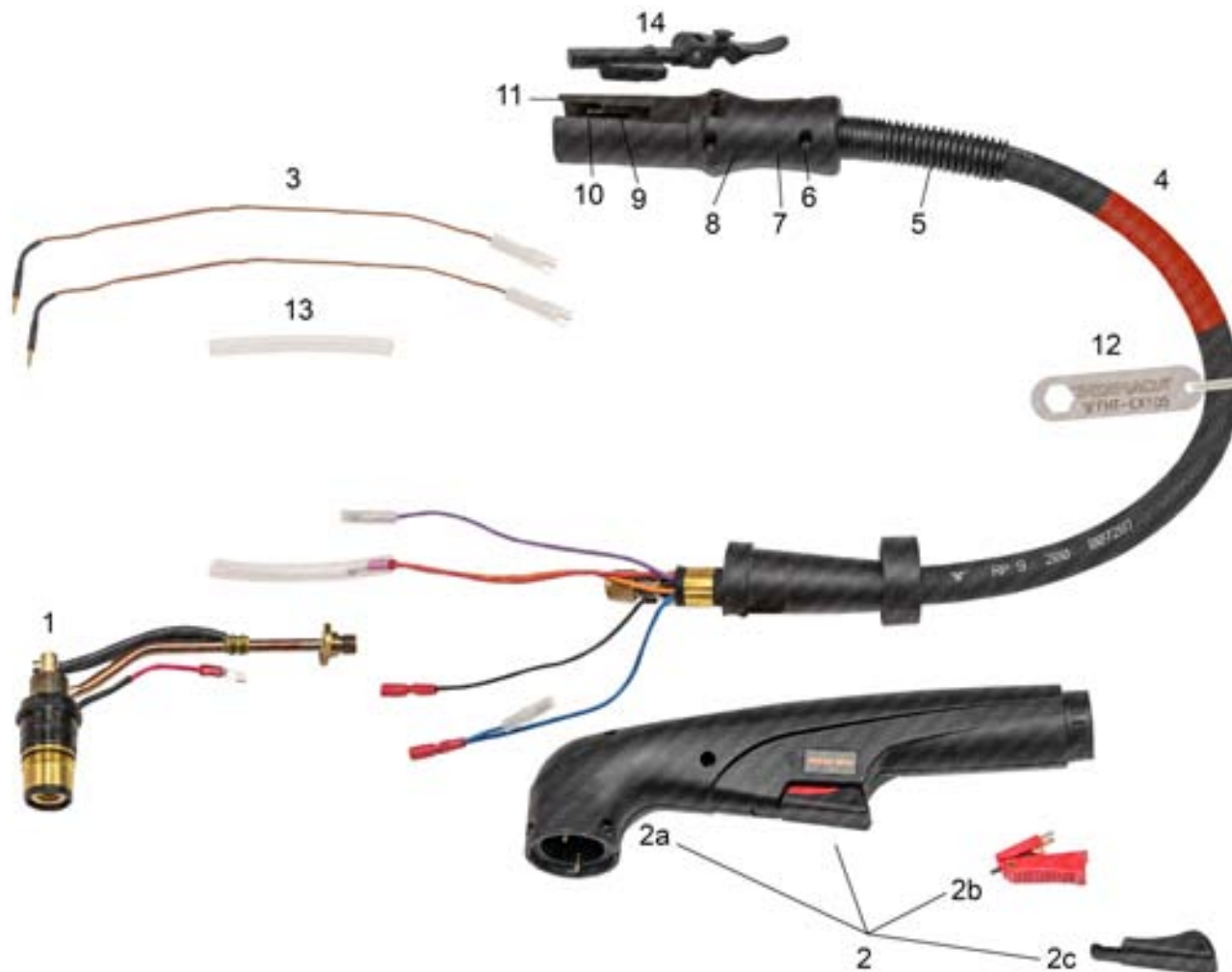
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR

Hypertherm®

POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105

APPLICATION OF FHT-EX®105H TORCH TO POWERMAX® 65/85/105 CUTTING SYSTEM



Item	Part No.	Description	Item	Part No.	Description
1.	EX-5-302-004	Hand Torch Body FHT-EX®105H	5.	EX-5-318-001	TCS Plug Spring Stain Relief
2.	EX-5-314-019	Hand Torch Handle Replacement Kit	6.	EX-0-325-015	TCS Clam Shell Screws Kit (4 pcs.)
2a.	EX-5-308-012	Hand Torch Handle - Kit	7.	EX-0-325-002	TCS Clam Shell Upper
2b.	EX-5-309-013	Trigger	8.	EX-0-325-001	TCS Clam Shell Lower
2c.	EX-5-310-014	Trigger Guard	9.	EX-0-325-010	Retaining Ring (Outer Circlip Ring)
3.	EX-5-304-006	2pcs. Pins Replacement Kit	10.	EX-0-325-009	O-Ring (fitted in the TCS Plug)
*4.	EX-5-374-001*	Hand Torch Lead Replacement Kit 5m (16.5') Lead/TCS13	11.	EX-0-325-005	Male Crimp Pin for TCS Plug
*	EX-5-374-002*	Hand Torch Lead Replacement Kit 8m (26') Lead/TCS13	12.	EX-5-427-021	Electrode Wrench FHT-EX®105
*	EX-5-374-003*	Hand Torch Lead Replacement Kit 15m (50') Lead/TCS13	13.	EX-0-319-021	Insulating Teflon Tube
*	EX-5-374-004*	Hand Torch Lead Replacement Kit 23m (75') Lead/TCS13	14.	EX-0-321-003	Latch with Key Assembly

\* INCLUDING PARTS 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm®

POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105

APPLICATION OF FHT-EX®105H TORCH TO POWERMAX® 65/85/105 CUTTING SYSTEM



Item	Part No.	Description	Item	Part No.	Description
1.	EX-5-137-041	FHT-EX®105H Hand Torch with Leads 5m		EX-5-137-043	FHT-EX®105H Hand Torch with Leads 15m
	EX-5-137-042	FHT-EX®105H Hand Torch with Leads 8m		EX-5-137-044	FHT-EX®105H Hand Torch with Leads 23m

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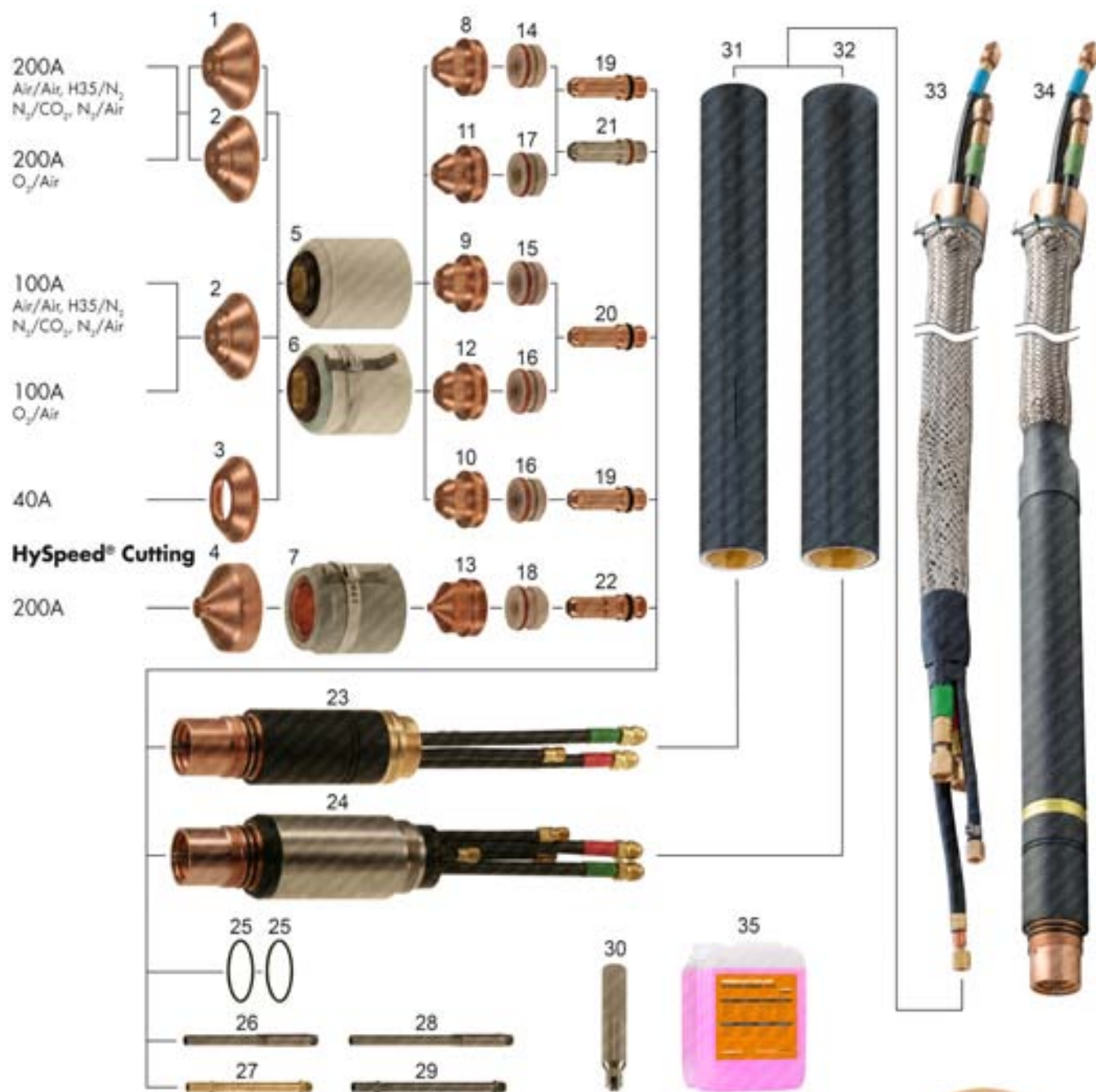
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®2000 HySpeed®**  
**PAC®200/T**



Parts HyPro™/MaxPro™ for line HT®2000 available also, see other pages for details.



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### HT® 2000 HySpeed®

### PAC® 200/T

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.	
*1.	T-4463*	020424-UR	Shield 200A, Machine	1	20.	T-0773	120547	Electrode 100A, 200A	5	
2.	T-0365	020424	Shield 200A, Machine	1	NS	T-2838	120258	Electrode 200A, Extended	5	
	T-0366	020448	Shield 100A, Machine	1	21.	T-4901	020664-AG	Electrode 40A, 200A, SilverEX-®	5	
3.	T-0368	020688	Shield 40A, Machine	1	*22.	T-10261*	220235-UR	Electrode HySpeed® 200A	5	
*NS	T-10317*	120260-UR	Shield 200A, Bevel, O <sub>2</sub> /Air	1	*NS	T-0382*	020415-UR	Electrode 100-200A	5	
*4.	T-4462*	220239-UR	Shield HySpeed® 200A	1	23.	T-9757	120584	MAX®200/HT®2000, Machine Torch (same as 020470)	1	
5.	T-0370	020423	Retaining Cap	1	24.	T-4066	120356	MAX®200/HT®2000, S.S. Machine Torch	1	
6.	T-10242	120837	Retaining Cap, Ohmic	1	25.	T-0383	044027	O-Ring	1	
7.		220242 OEM	Retaining Cap HySpeed®, Ohmic	1	#26.	T-1813	020963	Water Tube, OEM Torch	1	
*NS	T-10304*	220238-UR	Retaining Cap HySpeed®	1	**27.	T-4119	T-4119	Water Tube, TMT/OEM Torch	1	
8.	T-0372	020608	Nozzle 200A	5	#28.	T-10876	120257	Water Tube, Extended, OEM Torch	1	
9.	T-0373	020611	Nozzle 100A	5	**29.	PT-11557	T-4120	Water Tube, Extended, TMT/OEM Torch	1	
10.	T-0376	020689	Nozzle 40A	5	30.	T-1397	T-1397	Wrench for TMT Water Tube	1	
11.	T-0371	020605	Nozzle 200A, O <sub>2</sub>	5	31.	T-0386	020431	Sleeve 1.75' (D 44.5mm for 120584 or 020470)	1	
12.	T-1045	020690	Nozzle 100A	5	32.	T-1001	020041	Sleeve 2' (D 50.8mm for 120356)	1	
NS	T-2839	120259	Nozzle 200A, Bevel, O <sub>2</sub> /Air	1	33.	KT-1412	028659	HT®2000 Cable Leads 6.1m (20')	1	
13.	T-8860	220237	Nozzle HySpeed® 200A	1		KT-1213	028546	HT®2000 Cable Leads 7.6m (25')	1	
14.	T-1047	020679	Swirl Ring 200A	1		KT-1085	028662	HT®2000 Cable Leads 12.2m (40')	1	
15.	T-0378	020607	Swirl Ring 100A	1		KT-1081	028547	HT®2000 Cable Leads 15.2m (50')	1	
16.	T-0379	020613	Swirl Ring 40A, 100A	1	34.	Cable with torch available on request.				
17.	T-1046	120833	Swirl Ring 200A, O <sub>2</sub>	1	35.	Coolant Liquid. Details on the page 150, section Accessories.				
	T-10945	120834	Swirl Ring 200A, O <sub>2</sub> , CCW	1	Different types of cable leads available on request					
18.	T-10318	220236	Swirl Ring HySpeed® 200A	1	Parts HyPro™/MaxPro™ for line HT®2000 available also, see other pages for details.					
19.	T-0998	120667	Electrode 40A, 200A	5						

# COMPATIBLE WITH OEM TORCH ONLY, DOESN'T FIT TO THERMACUT TORCH

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

\*\* COMPATIBLE WITH THERMACUT AND OEM TORCH

-AG HEAVY DUTY ELECTRODE, OFFERS BETTER LIFETIME

CCW COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

NS NOT SHOWN IN THE PICTURE

SMART SOLUTION - DESIGN IMPROVEMENTS THAT BRINGS ADDED VALUE SUCH AS IMPROVED LIFETIME OF CONSUMABLES, EXCELLENT CUT QUALITY, SPEED OR BETTER COST EFFECTIVENESS OF YOUR SYSTEM

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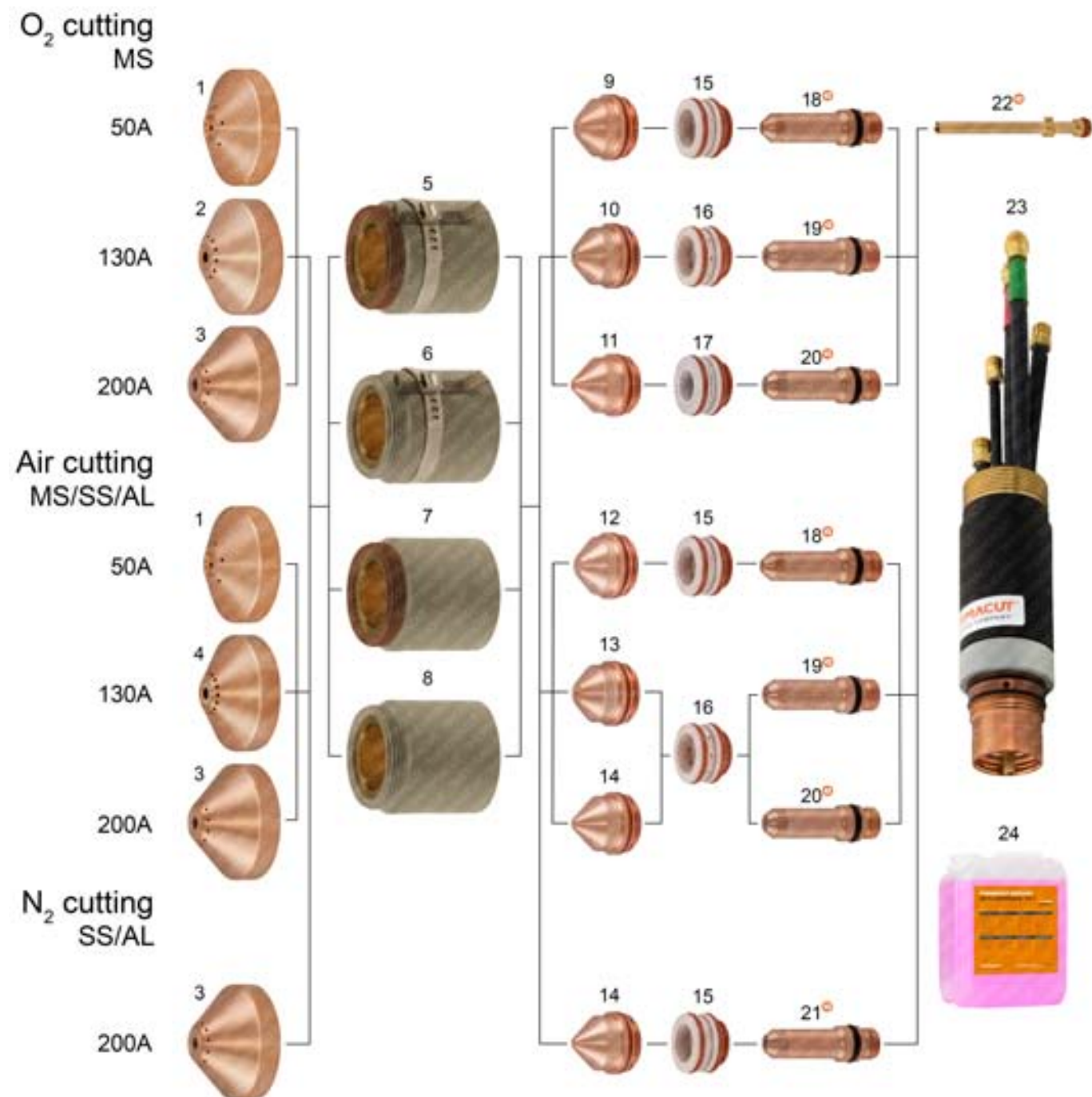
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HyPro™2000 UPGRADE TORCH**  
**FOR HT®2000 MILD STEEL, STAINLESS STEEL, ALUMINIUM**



Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details.

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**Hypertherm®**  
**HyPro™2000 UPGRADE TORCH**  
**FOR HT®2000 MILD STEEL, STAINLESS STEEL, ALUMINIUM**

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11283	220532	Shield 50A, O <sub>2</sub> /Air	1	13.	T-11315*	220892-UR	Nozzle 130A, O <sub>2</sub> /Air	5
2.	T-11281	220491	Shield 130A, O <sub>2</sub>	1	14.	T-11837*	420044-UR	Nozzle 200A, O <sub>2</sub> /Air/N <sub>2</sub>	5
3.	T-11375	220832	Shield 200A, O <sub>2</sub> /Air	1	15.	T-11282	220529	Swirl Ring 50A, O <sub>2</sub> /Air (200A, N <sub>2</sub> )	1
4.	T-11284	220536	Shield 130A, Air	1	16.	T-11280	220488	Swirl Ring 130A (200A)	1
5.	T-13097	220936	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), HD	1	17.	T-11312	220834	Swirl Ring 200A, O <sub>2</sub>	1
6.	T-11349*	220936-UR	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> )	1	18.	T-11309	220528-UR	Electrode 45A (50A)	5
7.	T-13096	220935	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS, HD	1	19.	T-11304	220487-UR	Electrode 130A, O <sub>2</sub> /Air	5
8.	T-11348*	220935-UR	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS	1	20.	T-11317	220937-UR	Electrode 200A, O <sub>2</sub> /Air	5
NS	T-13094	220490	Retaining Cap 45/130A, Air (50/130A, O <sub>2</sub> ), w/o IHS, HD	1	21.	T-0382	020415-UR	Electrode 100-200A	5
NS	T-13095	220578	Retaining Cap 45/130A, Air (50/130A, O <sub>2</sub> ), with IHS, HD	1	22.	T-11307	220521-UR	Cooling Tube (use with TMT electrode)	1
9.	T-11314*	220891-UR	Nozzle 50A, O <sub>2</sub>	5	23.	T-12227	220961-UR	HyPro™2000 Machine Torch	1
10.	T-11316*	220893-UR	Nozzle 130A, O <sub>2</sub>	5	24. Coolant Liquid. Details on the page 150, section Accessories.				
11.	T-11836*	220831-UR	Nozzle 200A, O <sub>2</sub>	1	Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details.				
12.	T-11313*	220890-UR	Nozzle 50A, Air	5					

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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W/O WITHOUT

HD HEAVY DUTY - OFFERS HIGHER THERMAL RESISTANCE OF THREAD AREA, WHICH COULD BE DAMAGED DURING PIERCING.

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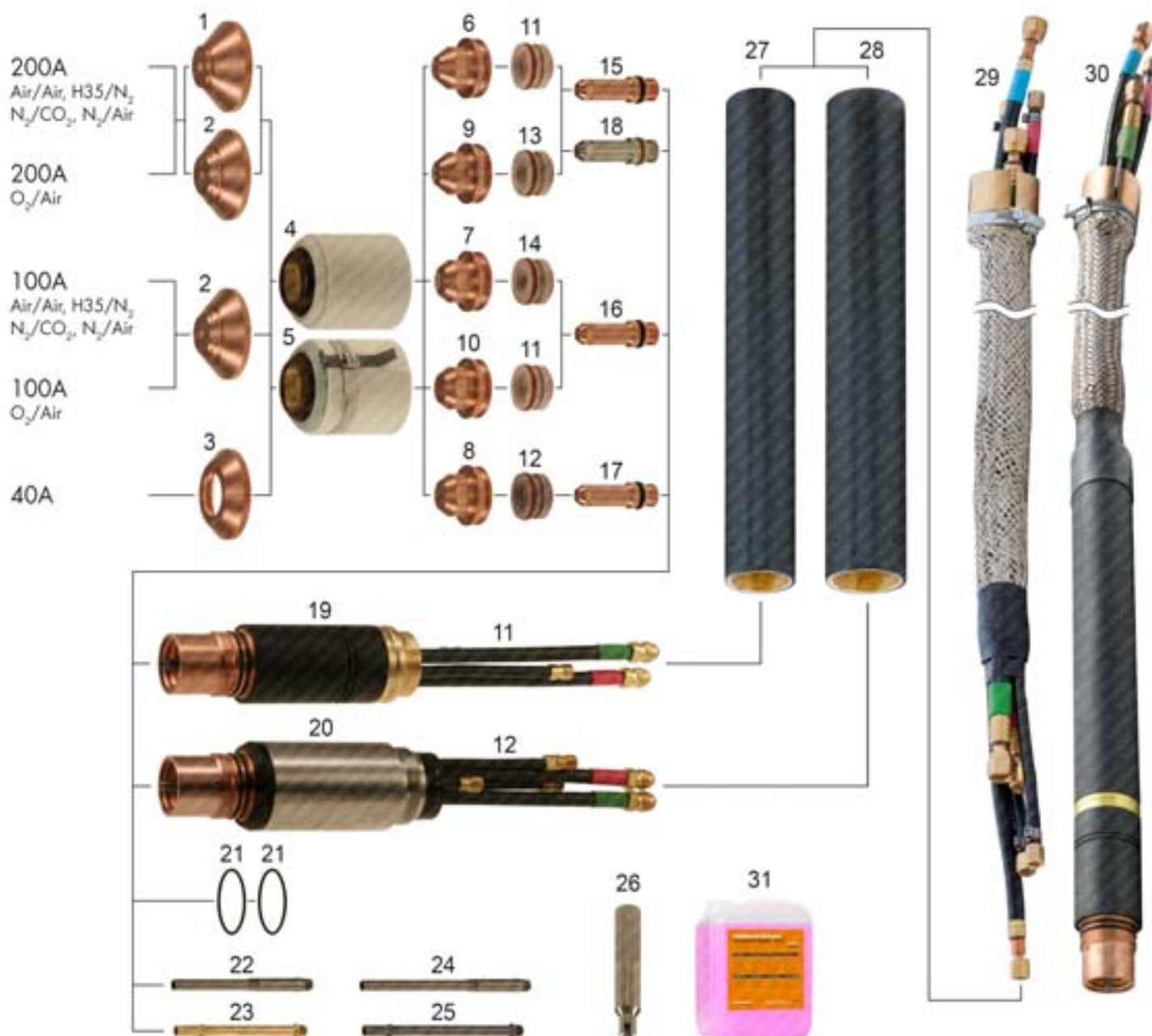
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®200**  
**PAC®200T/E**



Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details.

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX® 200**  
**PAC® 200T/E**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-4463*	020424-UR	Shield 200A, Machine	1	20.	T-4066	120356	MAX®200/HT®2000, S.S. Machine Torch	1
2.	T-0365	020424	Shield 200A, Machine	1	21.	T-0383	044027	O-Ring	1
	T-0366	020448	Shield 100A, Machine	1	#22.	T-1813	020963	Water Tube, OEM Torch	1
3.	T-0368	020688	Shield 40A, Machine	1	**23.	T-4119	T-4119	Water Tube, TMT/OEM Torch	1
4.	T-0370	020423	Retaining Cap	1	#24.	T-10876	120257	Water Tube, Extended, OEM Torch	1
5.	T-10242	120837	Retaining Cap, Ohmic	1	**25.	PT-11557	T-4120	Water Tube, Extended, TMT/OEM Torch	1
6.	T-0372	020608	Nozzle 200A	5	26.	T-1397	T-1397	Wrench for TMT Water Tube	1
7.	T-0373	020611	Nozzle 100A	5	27.	T-0386	020431	Sleeve 1.75' (D 44.5mm for 020470 or 120584)	1
8.	T-0376	020689	Nozzle 40A	5	28.	T-1001	020041	Sleeve 2' (D 50.8mm for 120356)	1
9.	T-0371	020605	Nozzle 200A, O <sub>2</sub>	5	29.		028383	MAX®200 Cable Leads Mach. 7.6m (25')	1
10.	T-0375	020616	Nozzle 100A, O <sub>2</sub>	5		KT-1317	028458	MAX®200 Cable Leads Mach.10.7m (35')	1
11.	T-0378	020607	Swirl Ring 100A, 200A	1		KT-1212	028459	MAX®200 Cable Leads Mach.12.2m (40')	1
12.	T-0379	020613	Swirl Ring 40A	1		KT-1072	028384	MAX®200 Cable Leads Mach.15.2m (50')	1
13.	T-0377	020604	Swirl Ring 200A, O <sub>2</sub>	1		KT-1078	K.MAX200.21M.K	MAX®200 Cable Leads Mach. 21m (69')	1
14.	T-0380	020617	Swirl Ring 100A, O <sub>2</sub>	1		KT-1161	028599	MAX®200 Cable Leads Mach. 22.9m (75')	1
*15.	T-3926*	220021-UR	Electrode 40A, 200A	5	30.	KT-1167	K.MAX200.7,6M	MAX®200 Mach. Torch with Leads 7.6m (25')	1
NS	T-2838	120258	Electrode 200A, Extended	5		KT-1059	K.MAX200.10,7M	MAX®200 Mach. Torch with Leads 10.7m (35')	1
16.	T-0773	120547	Electrode 100A, 200A	5		KT-1168	K.MAX200.15,2M	MAX®200 Mach. Torch with Leads 15.2m (50')	1
17.	T-0998	120667	Electrode 40A, 200A	5		KT-1248	DEMO MAX200	MAX®200 Machine Torch with Leads (sample piece), exhibition only	1
18.	T-4901	020664-AG	Electrode 40A, 200A, SilverEX-®	5	31.	Coolant Liquid. Details on the page 150, section Accessories.			
*NS	T-0382*	020415-UR	Electrode 100-200A	5	Different types of cable leads available on request				
19.	T-0384	020470	MAX®200, Machine Torch (same as 120584)	1	Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details.				

- # COMPATIBLE WITH OEM TORCH ONLY, DOESN'T FIT TO THERMACUT TORCH  
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\*\* COMPATIBLE WITH THERMACUT AND OEM TORCH  
NS NOT SHOWN IN THE PICTURE  
-AG HEAVY DUTY ELECTRODE, OFFERS BETTER LIFETIME

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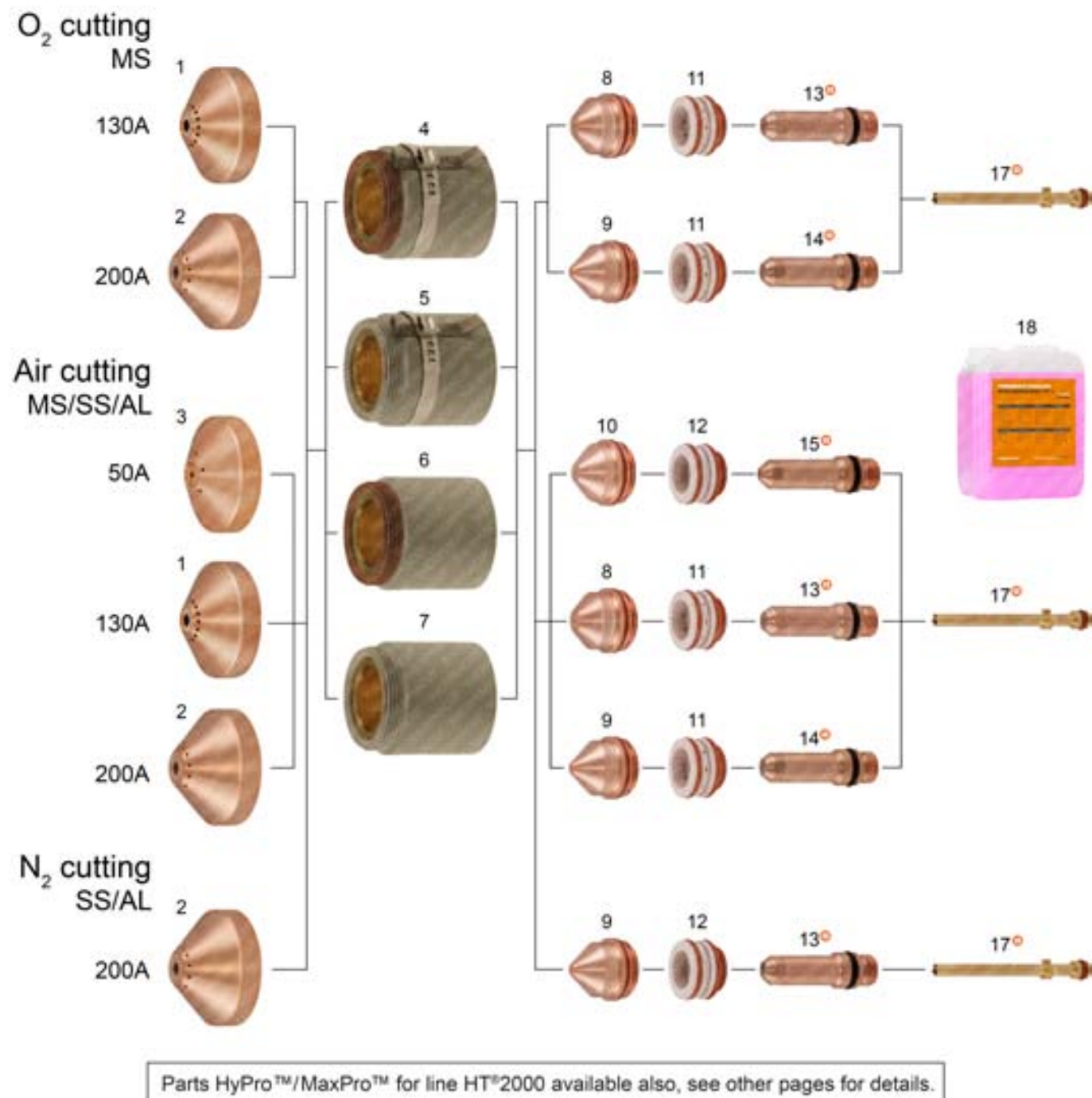
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MaxPro™200 UPGRADE TORCH**  
**FOR MAX®200 MILD STEEL, STAINLESS STEEL, ALUMINIUM**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MaxPro™200 UPGRADE TORCH**  
**FOR MAX® 200 MILD STEEL, STAINLESS STEEL, ALUMINIUM**

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11284	220536	Shield 130A, O <sub>2</sub> /Air	1	11.	T-11280	220488	Swirl Ring 130A (200A)	1
2.	T-11376	420045	Shield 200A, Air/N <sub>2</sub>	1	12.	T-11282	220529	Swirl Ring 50A, Air (200A, N <sub>2</sub> )	1
3.	T-11283	220532	Shield 50A, Air	1	13.	T-11304	220487-UR	Electrode 130A, O <sub>2</sub> /Air	5
4.	T-13097	220936	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), HD	1	14.	T-11317	220937-UR	Electrode 200A, O <sub>2</sub> /Air	5
5.	T-11349*	220936-UR	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> )	1	15.	T-11309	220528-UR	Electrode 45A (50A)	5
6.	T-13096	220935	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS, HD	1	16.	T-0382	020415-UR	Electrode 100-200A	5
7.	T-11348*	220935-UR	Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS	1	17.	T-11307	220521-UR	Cooling Tube (use with TMT electrode)	1
8.	T-11315*	220892-UR	Nozzle 130A, O <sub>2</sub> /Air	5	18.	Coolant Liquid. Details on the page 150, section Accessories.			
9.	T-11837*	420044-UR	Nozzle 200A, O <sub>2</sub> /Air/N <sub>2</sub>	5	Parts HyPro™/MaxPro™ for line HT®2000 available also, see other pages for details.				
10.	T-11313*	220890-UR	Nozzle 50A, Air	5					

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HD HEAVY DUTY - OFFERS HIGHER THERMAL RESISTANCE OF THREAD AREA, WHICH COULD BE DAMAGED DURING PIERCING.

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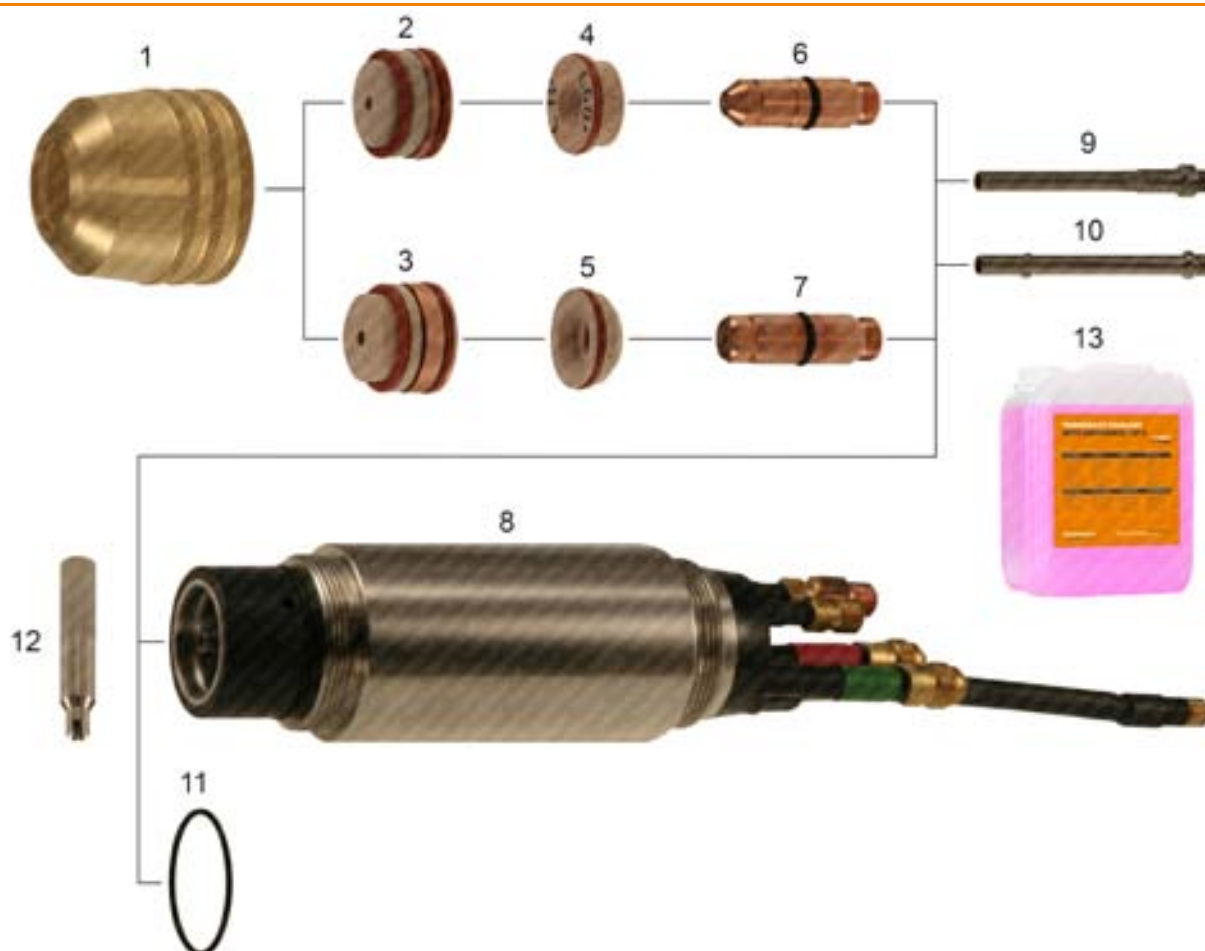
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HT®400



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0088	020579	Retaining Cap	1	11.	T-1006	044028	O-Ring	1
2.	T-0078	020086	Nozzle 260A, 340A, O <sub>2</sub>	1	12.	T-1397	T-1397	Wrench for TMT Water Tube	1
3.	T-0080	020084	Nozzle .166, N <sub>2</sub>	1	NS	KT-1214	028139	HT®400, PAC®500 Cable Leads 6.1m (20')	1
NS	T-1795	020392	Nozzle .099, O <sub>2</sub> , CCW	1	NS	KT-1154	028140	HT®400, PAC®500 Cable Leads 7.6m (25')	1
4.	T-0081	020096	Swirl Ring, O <sub>2</sub>	1	NS	KT-1157	028141	HT®400, PAC®500 Cable Leads 9.2m (30')	1
	T-0087	020097	Swirl Ring, O <sub>2</sub> , CCW	2	NS	KT-1153	028142	HT®400, PAC®500 Cable Leads 10.7m (35')	1
5.	T-0020	020039	Swirl Ring .120/.166/.187, N <sub>2</sub>	1	NS	KT-1404	028143	HT®400, PAC®500 Cable Leads 12.2m (40')	1
6.	T-0083	020081	Electrode, O <sub>2</sub>	5	NS	KT-1217	K.HT400.15,2M,K	HT®400, PAC®500 Cable Leads 15.2m (50')	1
7.	T-0084	020082	Electrode, N <sub>2</sub>	5	NS	KT-1058	K.HT400.10,7M	HT®400 Mach. Torch with Leads 10.7m (35')	1
8.	T-0085	020080	Torch Body HT®400	1	13. Coolant Liquid. Details on the page 150, section Accessories.				
#9.	T-1389#	020990 OEM	Water Tube, OEM Torch	1	Different types of cable leads available on request				
**10.	T-1388**	020990-UR	Water Tube, TMT Torch	1					

# COMPATIBLE WITH OEM TORCH ONLY, DOESN'T FIT TO THERMACUT TORCH

\*\* COMPATIBLE WITH THERMACUT AND OEM TORCH

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CCW COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

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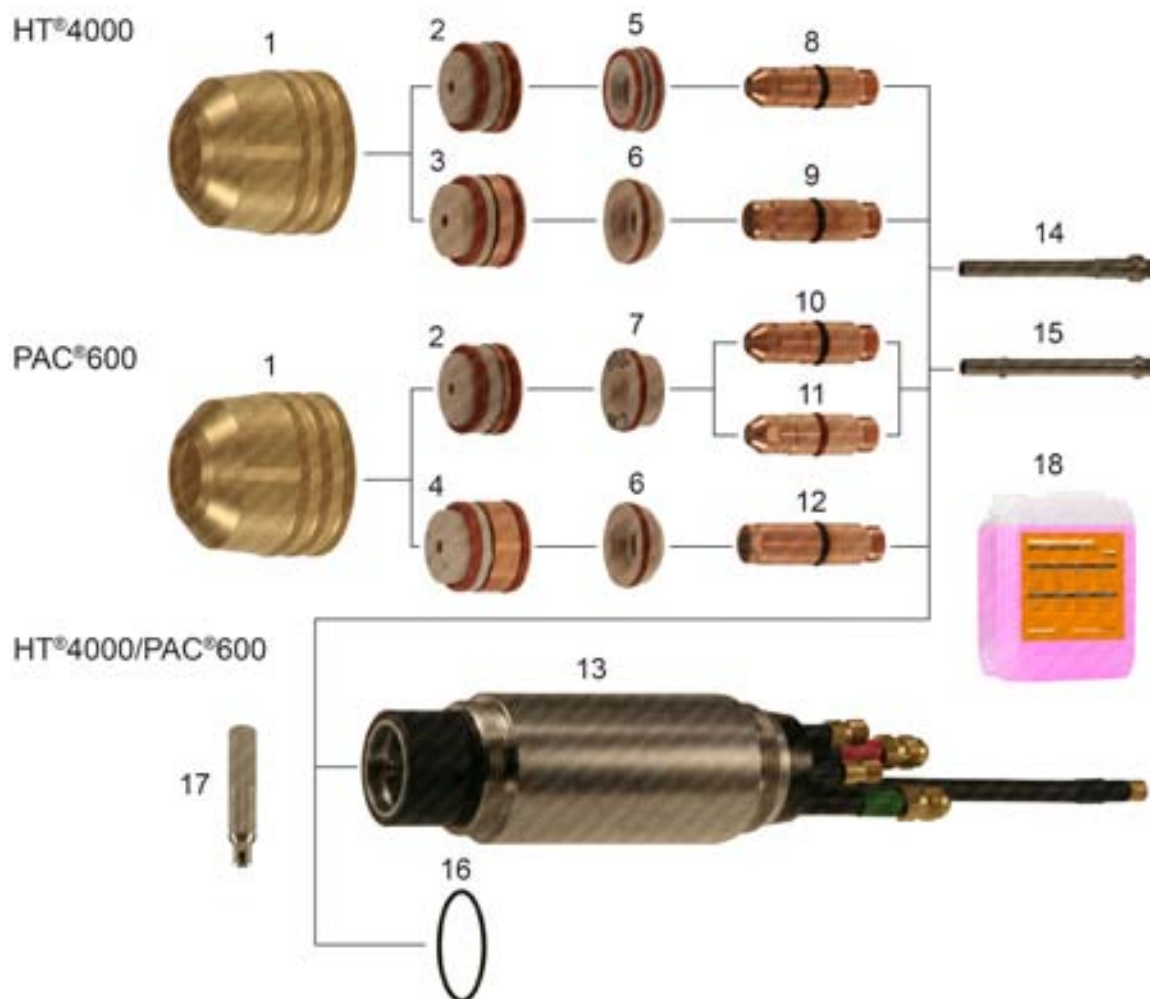
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®4000**  
**PAC®170/PAC®600**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0088	020579	Retaining Cap	1	8.	T-1293	020663	Electrode PAC®170, O <sub>2</sub>	5
2.	T-0078	020086	Nozzle 260A, 340A, O <sub>2</sub>	1	9.	T-0084	020082	Electrode, N <sub>2</sub>	5
3.	T-0080	020084	Nozzle .166, N <sub>2</sub>	1	10.	T-0083	020081	Electrode, O <sub>2</sub>	5
4.	T-0509	020281	Nozzle .120, N <sub>2</sub>	1	11.	T-1382	120090	Electrode, O <sub>2</sub>	5
	T-0510	020282	Nozzle .166, N <sub>2</sub>	1	12.	T-0499	020285	Electrode, N <sub>2</sub>	5
	T-0511	020283	Nozzle .187, N <sub>2</sub>	1	13.	T-1393	020328	Torch Body PAC®170/PAC®600/PAC®620	1
	T-0512	020284	Nozzle .220, N <sub>2</sub>	1	#14.	T-1389#	020990 OEM	Water Tube, OEM Torch	1
5.	T-1292	020623	Swirl Ring, PAC®170	1	**15.	T-1388**	020990-UR	Water Tube, TMT Torch	1
	T-2927	120015	Swirl Ring, Bevel, CCW	1	16.	T-1006	044028	O-Ring	1
6.	T-0020	020039	Swirl Ring .120/.166/.187, N <sub>2</sub>	1	17.	T-1397	T-1397	Wrench for TMT Water Tube	1
7.	T-1002	020380	Swirl Ring .099	1	18.			Coolant Liquid. Details on the page 150, section Accessories.	
	T-1003	020391	Swirl Ring .099, CCW	2					

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\*\* COMPATIBLE WITH THERMACUT AND OEM TORCH

**CCW** COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

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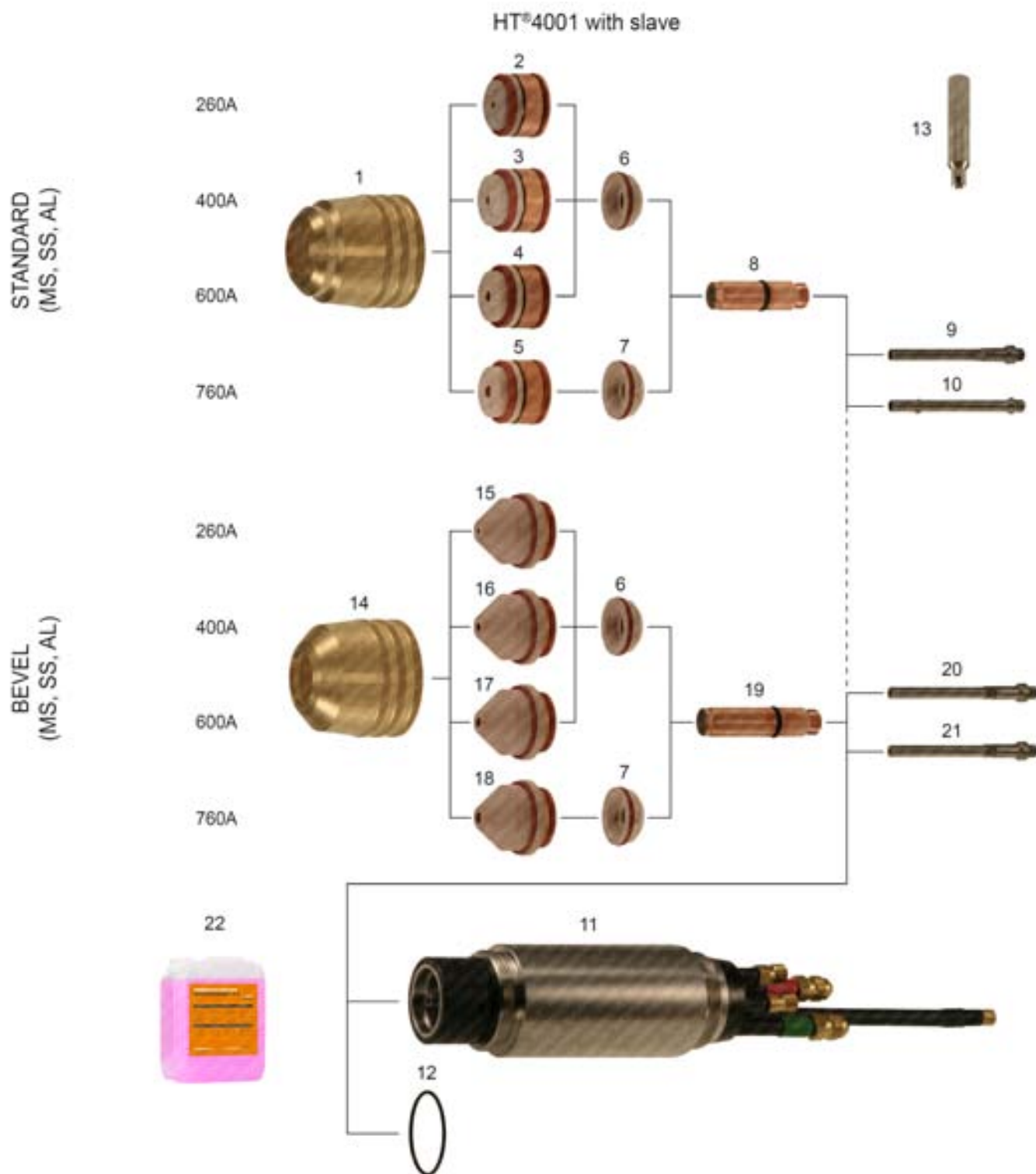
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®4001**  
**PAC®620 WITH SLAVE**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®4001**  
**PAC®620 WITH SLAVE**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0508	020580	Retaining Cap 260A-760A, N <sub>2</sub>	1	13.	T-1397	T-1397	Wrench for TMT Water Tube	1
2.	T-0509	020281	Nozzle .120, N <sub>2</sub>	1	14.	T-8756	120390 OEM	Retaining Cap, Bevel	1
3.	T-0510	020282	Nozzle .166, N <sub>2</sub>	1	15.	T-11541	120386 OEM	Nozzle 260A, Bevel, N <sub>2</sub>	1
4.	T-0511	020283	Nozzle .187, N <sub>2</sub>	1	16.	T-1384	120387	Nozzle 400A, Bevel, N <sub>2</sub>	1
5.	T-0512	020284	Nozzle .220, N <sub>2</sub>	1	17.	T-11184	120388	Nozzle 600A, Bevel, N <sub>2</sub>	1
6.	T-0020	020039	Swirl Ring .120/.166/.187, N <sub>2</sub>	1	18.		120389 OEM	Nozzle 760A, Bevel, N <sub>2</sub>	1
7.	T-0022	020040	Swirl Ring .220	1	19.	T-1387	020968	Electrode, Bevel, N <sub>2</sub>	5
8.	T-0499	020285	Electrode, N <sub>2</sub>	5	20.	T-1390	020991 OEM	Water Tube, Bevel, OEM torch	1
#9.	T-1389#	020990 OEM	Water Tube, OEM Torch	1	21.	T-9883	020991-UR	Water Tube, Bevel, TMT torch	1
**10.	T-1388**	020990-UR	Water Tube, TMT Torch	1	NS	KT-1369	028516	PAC®620 Cable Leads 15.2m (50')	1
11.	T-1393	020328	Torch Body PAC®170/PAC®600/PAC®620	1	22.			Coolant Liquid. Details on the page 150, section Accessories.	
12.	T-1006	044028	O-Ring	1					

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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\*\* COMPATIBLE WITH THERMACUT AND OEM TORCH

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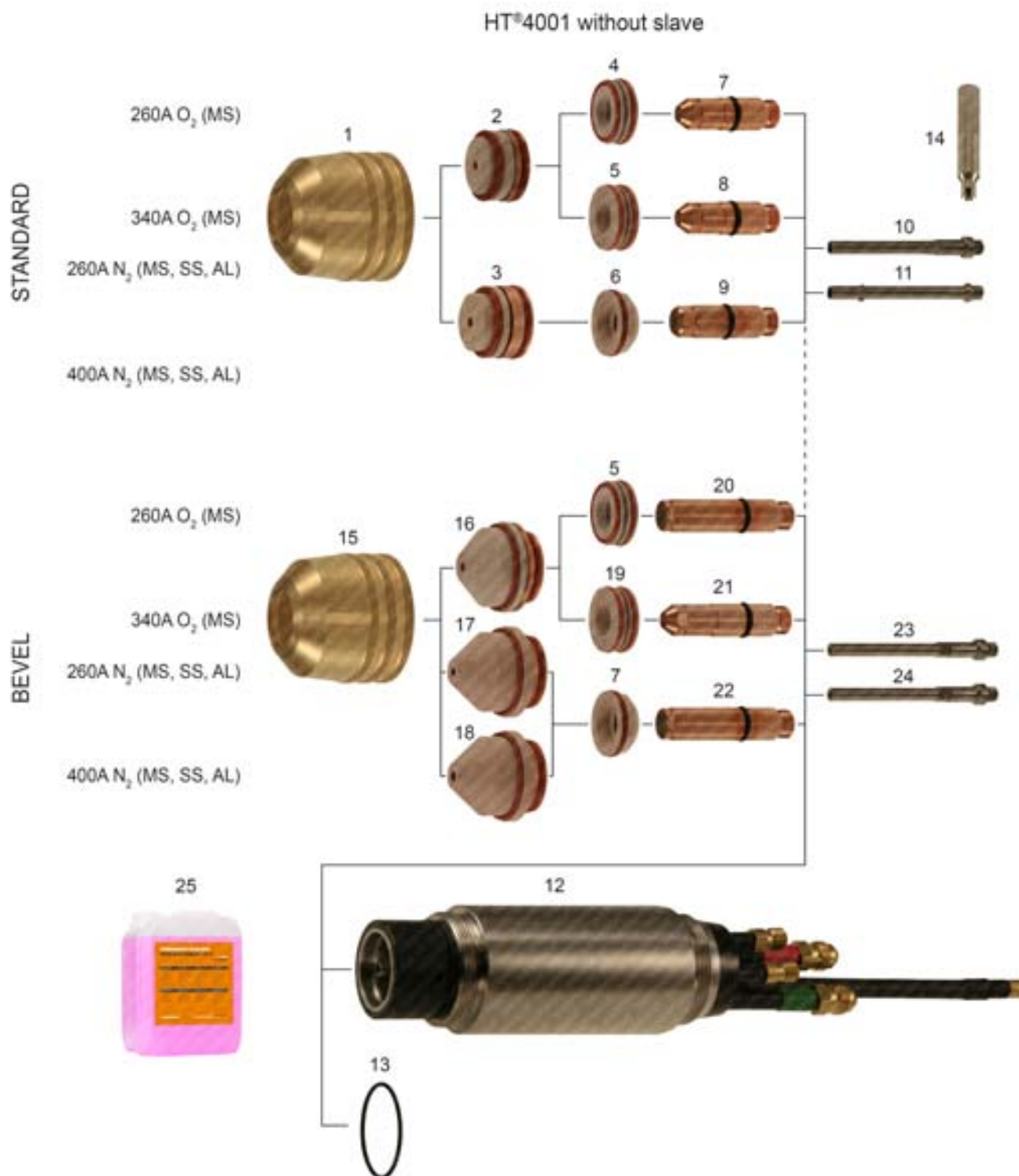
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®4001**  
**PAC® 620 WITHOUT SLAVE**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®4001**  
**PAC®620 WITHOUT SLAVE**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0088	020579	Retaining Cap 260-400A	1	15.	T-8756	120390 OEM	Retaining Cap, Bevel	1
2.	T-0078	020086	Nozzle 260A, 340A, O <sub>2</sub>	1	16.	T-2841	120384	Nozzle 260A, 340A, Bevel, O <sub>2</sub>	1
3.	T-0080	020084	Nozzle .166, N <sub>2</sub>	1		T-2928	120385	Nozzle 260A, 340A, Bevel, O <sub>2</sub> , CCW	1
4.	T-1292	020623	Swirl Ring 260A, O <sub>2</sub>	1	17.	T-11541	120386 OEM	Nozzle 200A, Bevel, N <sub>2</sub>	1
5.	T-1381	120135	Swirl Ring 340A, O <sub>2</sub>	1	18.	T-1384	120387	Nozzle 400A, Bevel, N <sub>2</sub>	1
6.	T-0020	020039	Swirl Ring .120/.166/.187, N <sub>2</sub>	1	19.	T-4189	120460	Swirl Ring 340A, O <sub>2</sub>	1
7.	T-1293	020663	Electrode 260A, O <sub>2</sub>	5		T-3539	120461	Swirl Ring 340A, O <sub>2</sub> , CCW	1
*8.	T-2846*	120630-UR	Electrode 340A, O <sub>2</sub>	5	20.	T-4048	020975	Electrode 260A, Bevel, O <sub>2</sub>	5
9.	T-0084	020082	Electrode 260A, 400A, N <sub>2</sub>	5	21.	T-3842	120836	Electrode 340A, Bevel, O <sub>2</sub>	5
#10.	T-1389#	020990 OEM	Water Tube, OEM Torch	1	22.	T-1387	020968	Electrode, Bevel, N <sub>2</sub>	5
**11.	T-1388**	020990-UR	Water Tube, TMT Torch	1	23.	T-1390	020991 OEM	Water Tube, Bevel, OEM torch	1
12.	T-1393	020328	Torch Body PAC®170/PAC®600/PAC®620	1	24.	T-9883	020991-UR	Water Tube, Bevel, TMT torch	1
13.	T-1006	044028	O-Ring	1	NS	KT-1369	028516	PAC®620 Cable Leads 15.2m (50')	1
14.	T-1397	T-1397	Wrench for TMT Water Tube	1	25.	Coolant Liquid. Details on the page 150, section Accessories.			

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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THE CUTTING COMPANY

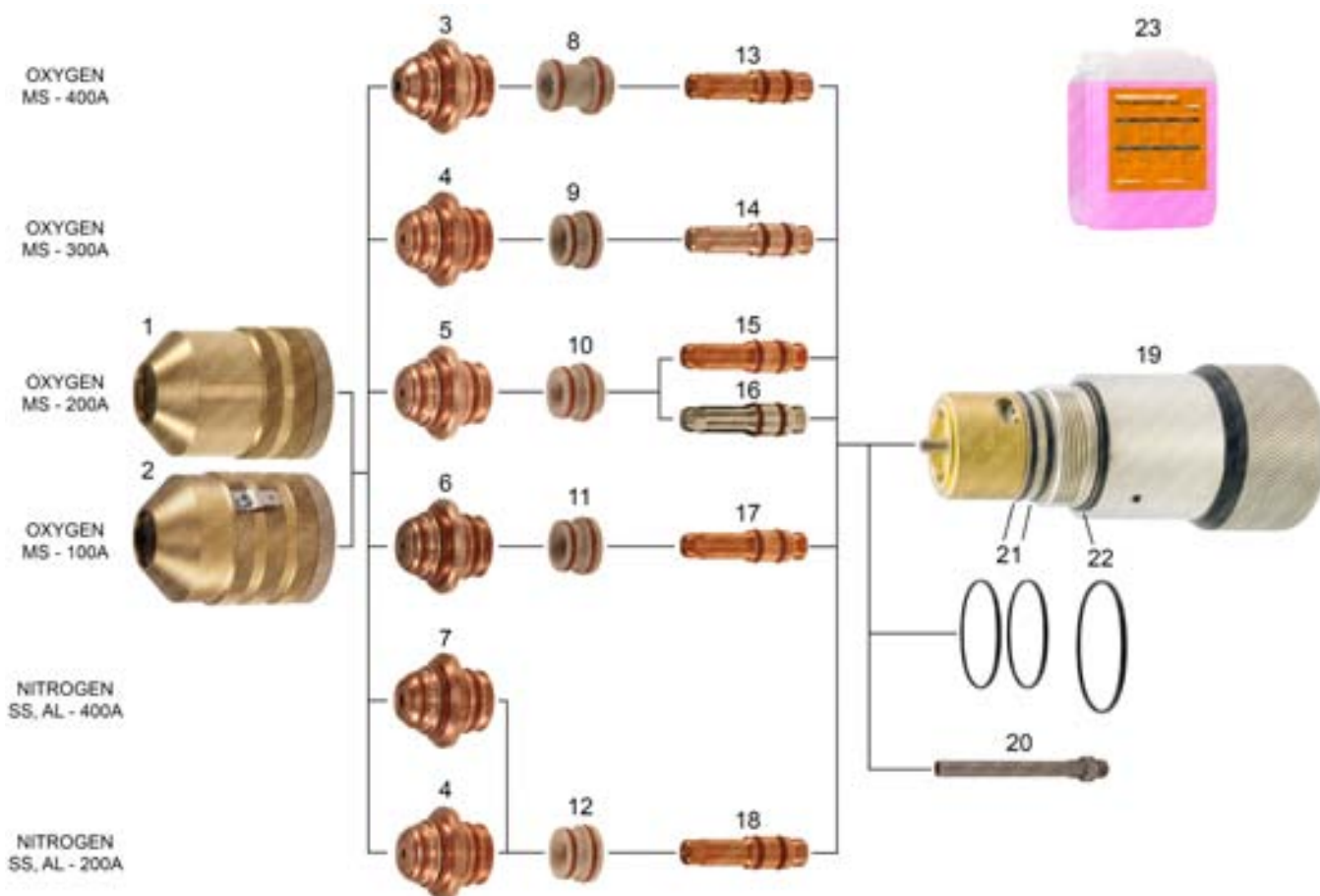
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HT®4400 HySpeed®



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HT®4400 HySpeed®

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-10110	120786	Retaining Cap	1	*13.	T-10182*	120810-UR	Electrode-HFROD 400A, O <sub>2</sub>	5
2.	T-10111	120907	Retaining Cap, with IHS Tab	1	NS	T-10857	120810	Electrode-HFTUBE 400A, O <sub>2</sub> (i)	5
*3.	T-8716*	120934-UR	Nozzle 400A, O <sub>2</sub> , CW	1	*14.	T-10181*	120802-UR	Electrode-HFROD 300A, O <sub>2</sub>	5
*	T-9624*	120935-UR	Nozzle 400A, O <sub>2</sub> , CCW	1	NS	T-10942	120802	Electrode-HFTUBE 300A, O <sub>2</sub> (i)	5
*4.	T-8714*	120794-UR	Nozzle 300A O <sub>2</sub> (200A N <sub>2</sub> ), CW	1	15.	T-8945	120793	Electrode 200A, O <sub>2</sub>	5
*5.	T-8713*	120787-UR	Nozzle 200A, O <sub>2</sub> , CW	1	*16.	T-4915*	120793-AG	Electrode 200A, O <sub>2</sub> , SilverEX-®	5
*6.	T-8712*	120777-UR	Nozzle 100A, O <sub>2</sub> , CW	1	17.	T-8944	120785	Electrode 100A, O <sub>2</sub>	5
*7.	T-8715*	120856-UR	Nozzle 400A, N <sub>2</sub> , CW	1	18.	T-10630	120855 OEM	Electrode 200/400A, N <sub>2</sub>	5
8.	T-10112	120939	Swirl Ring 400A, O <sub>2</sub> , CW	1	19.	T-11143	120651	HT®4400 Torch Main Body (ii)	1
	T-10866	120940	Swirl Ring 400A, O <sub>2</sub> , CCW	1	20.	T-11142	120025	Cooling Tube	1
9.	T-10113	120913	Swirl Ring 300A, O <sub>2</sub> , CW	1	21.	N-10096	1-028B	2× O-Ring	1
10.	T-10114	120791	Swirl Ring 200A, O <sub>2</sub> , CW	1	22.	N-10098	1-030B	O-Ring	1
11.	T-10115	120783	Swirl Ring 100A, O <sub>2</sub> , CW	1	23.	Coolant Liquid. Details on the page 150, section Accessories.			
12.	T-10116	120853	Swirl Ring 400A, N <sub>2</sub> , CW	1					

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(ii) THIS PART MAY NOT BE DISTRIBUTED ON THE USA AND JAPANESE MARKET. THERMACUT ACCEPTS NO RESPONSIBILITY IN CASE OF INDIRECT SALES TO USA AND JAPAN.

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-AG HEAVY DUTY ELECTRODE, OFFERS BETTER LIFETIME

CCW COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

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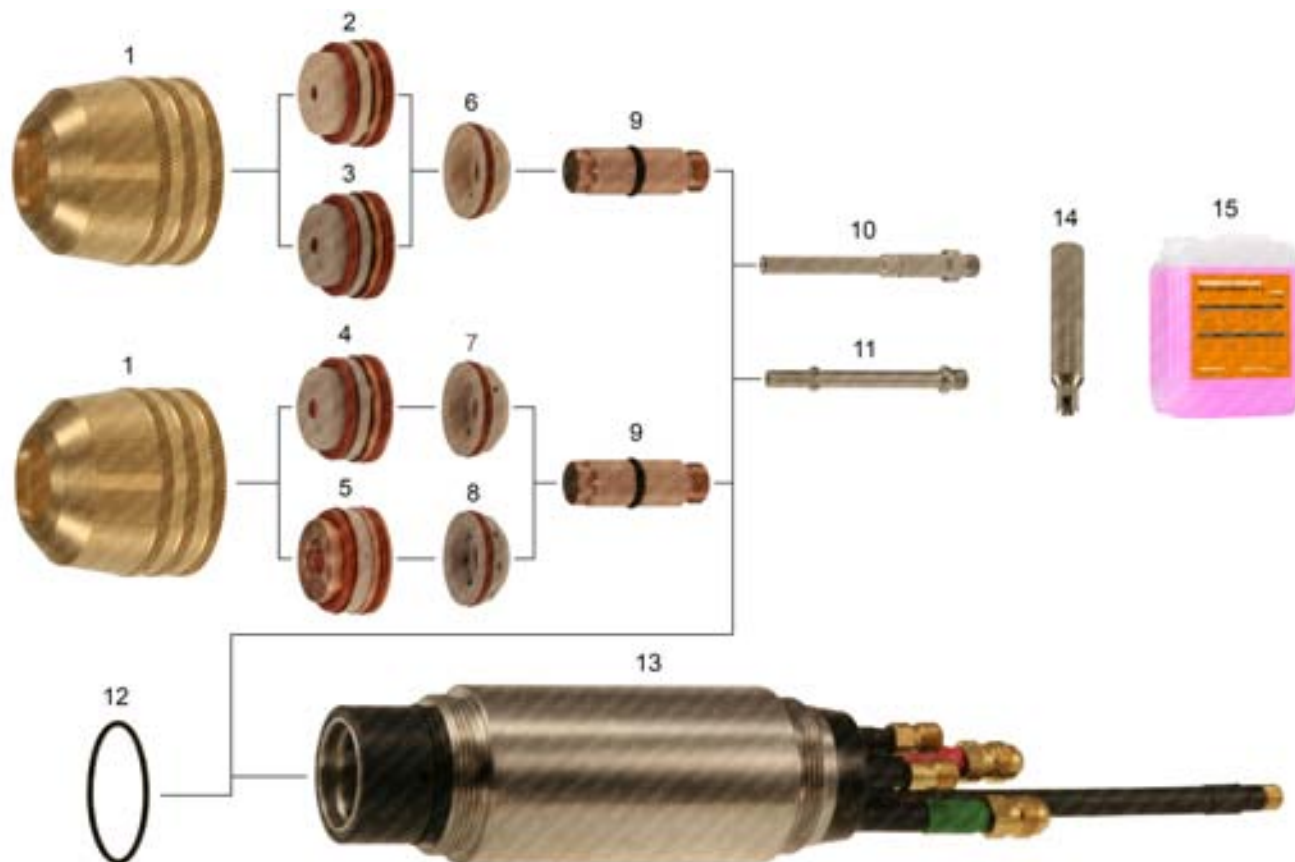
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**PAC®500**  
**MODEL 500®**



Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-0014	020034	Cap, Nozzle Retaining, Tapered	1	14.	T-1397	T-1397	Wrench for TMT Water Tube	1
2.	T-0016	020035	Nozzle .166	1	NS	KT-1214	028139	HT*400, PAC*500 Cable Leads 6.1m (20')	1
3.	T-0017	020036	Nozzle .187	1	NS	KT-1154	028140	HT*400, PAC*500 Cable Leads 7.6m (25')	1
4.	T-0018	020037	Nozzle .220	1	NS	KT-1157	028141	HT*400, PAC*500 Cable Leads 9.2m (30')	1
5.	T-0019	020047	Nozzle .250	1	NS	KT-1153	028142	HT*400, PAC*500 Cable Leads 10.7m (35')	1
6.	T-0020	020039	Swirl Ring .120/.166/.187, N <sub>2</sub>	1	NS	KT-1404	028143	HT*400, PAC*500 Cable Leads 12.2m (40')	1
7.	T-0021	020042	Swirl Ring .166, .187, CCW	1	NS	KT-1217	K.HT400.15,2M.K	HT*400, PAC*500 Cable Leads 15.2m (50')	1
8.	T-0022	020040	Swirl Ring .220	1	NS	KT-1471	K.PAC500.6,1M	PAC*500 Mach. Torch with Leads 6.1m (20')	1
	T-0023	020048	Swirl Ring .250	1	NS	KT-1165	K.PAC500.15,2M	PAC*500 Mach. Torch with Leads 15.2m (50')	
9.	T-0024	020038	Electrode	5	NS	KT-1164	K.PAC500.22,9M	PAC*500 Mach. Torch with Leads 22.9m (75')	1
#10.	T-0598#	120035 OEM	Water Tube, OEM Torch	1	15.	Coolant Liquid. Details on the page 150, section Accessories.			
**11.	T-1395**	120035-UR	Water Tube, TMT Torch	1	Different types of cable leads available on request				
12.	T-1013	025028	O-Ring	1					
13.	T-0025	020030	Torch Main Body PAC*500	1					

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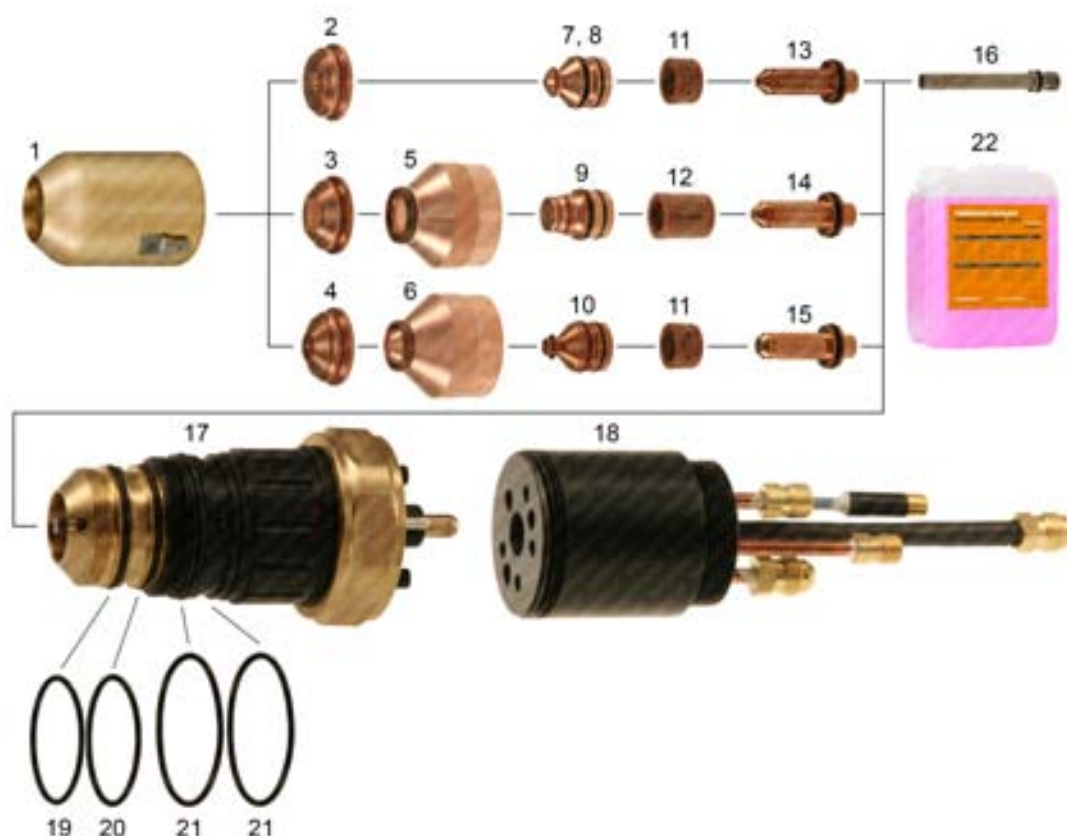
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR

Hypertherm®

HD®1070/HD®3070 HyDefinition®

PAC®182/PAC®186/PAC®190



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2828	020687	Shield Cap, with IHS Tab	1	15.	T-8062	120410	Electrode 100A MS	5
2.	T-8046	020671	Shield 30-50A MS	10	16.	T-8100	120377	Tube, Water Electrode Cooling, PAC®186	1
3.	T-8047	020796	Shield 70A MS/SS	10	17.	T-8063	120349	Torch Main Body, PAC®186	1
4.	T-8048	120273	Shield 100A MS	10	18.	T-8094	028855	Assy, PAC®185/PAC®186, Straight Quick Disconnect	1
5.	T-8050	020795	Inner Retaining Cap 50-70A MS, SS	1	NS	T-10628	T-10628	O-Ring Set For OEM Version	1
6.	T-8051	120266	Inner Retaining Cap 100A MS	1	19.	T-8095	044025	O-Ring	1
7.	T-8053	020645	Nozzle 30A MS	1	20.	T-4028	044026	O-Ring	1
8.	T-8054	020646	Nozzle 50A MS	5	21.	T-4029	044507	O-Ring	1
9.	T-8055	020647	Nozzle 70A MS, SS	5	NS	KT-1073	028499	PAC®186 Cable Leads 6.1m (20')	1
10.	T-8056	120272	Nozzle 100A MS	5	NS	KT-1329	028500	PAC®186 Cable Leads 7.6m (25')	1
11.	T-8057	020637	Swirl Ring 15-100A MS	1	NS	KT-1252	028870	PAC®186 Cable Leads 12.2m (40')	1
12.	T-8058	020789	Swirl Ring 70A MS/SS	2	22. Coolant Liquid. Details on the page 150, section Accessories.				
13.	T-8060	120111	Electrode 15-30A	5	Different types of cable leads available on request				
14.	T-8061	120112	Electrode 70A MS/SS	5					

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**MS** MILD STEEL

**SS** STAINLESS STEEL

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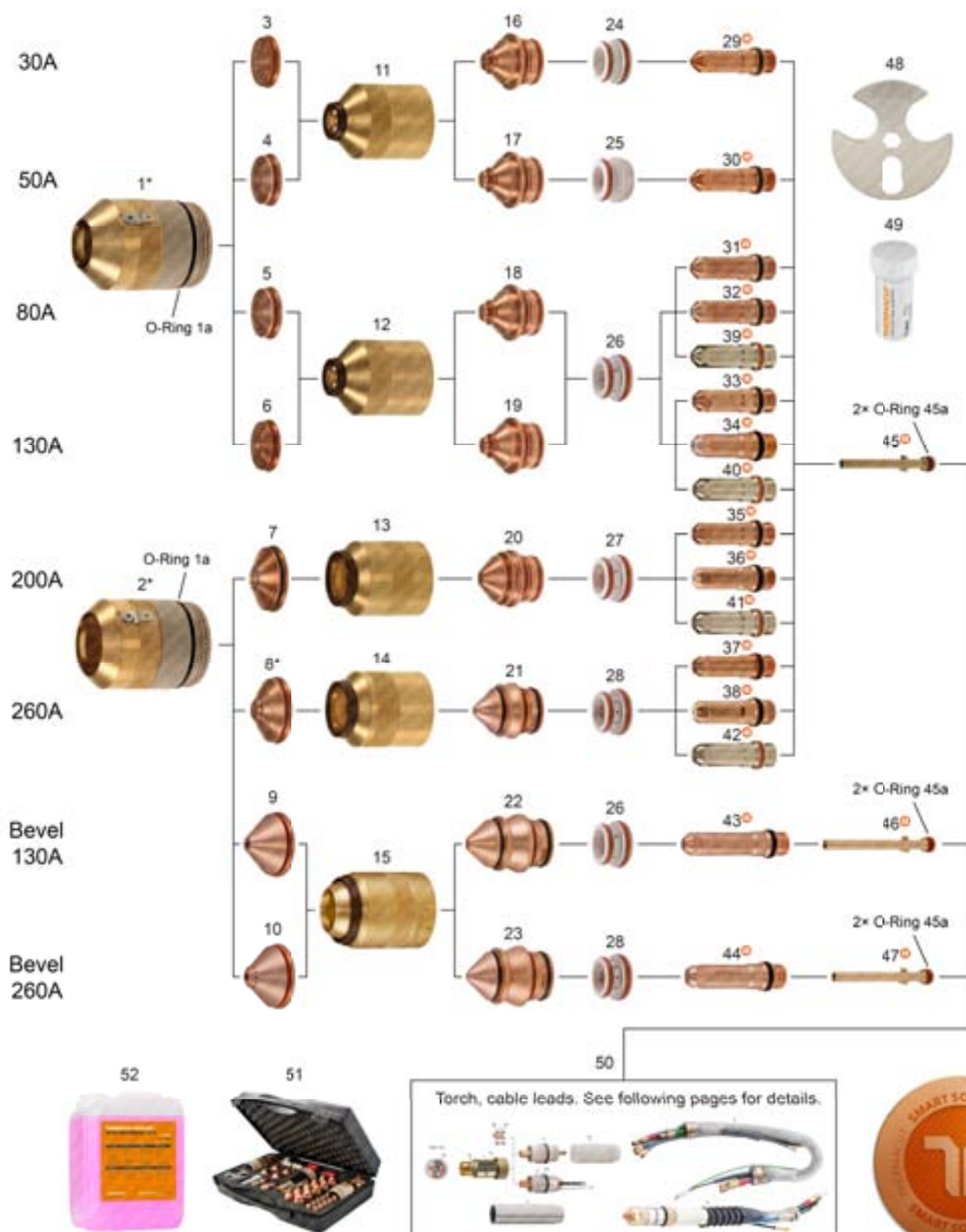
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**HyPerformance® Plasma**  
**HPR®130/HPR®260 MILD STEEL**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HyPerformance® Plasma**  
**HPR®130/HPR®260 MILD STEEL**

  
**PRODUCT BROCHURE WITH DETAILS AT**  
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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 80A (=220566), Silver PRO	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 130A (=220665-PRO), Silver 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 200A (=220666-PRO), Silver 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 260A (=220668-PRO), Silver PRO	5
	T-10936	220193	Nozzle 30A	1	39.	T-4927	220187-AG	Electrode 80A, SilverEX-®	5
17.	T-10313	220554-UR	Nozzle 50A	1	40.	T-4917	220181-AG	Electrode 130A, SilverEX-®	5
	T-10940	220554	Nozzle 50A	1	41.	T-4925	220352-AG	Electrode 200A, SilverEX-®	5
18.	T-9835	220188-UR	Nozzle 80A	1	42.	T-4926	220435-AG	Electrode 260A, SilverEX-®	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 80-200A, 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	027055	Silicone Lubricant 25ml	1
	T-10938	220439	Nozzle 260A	1	50.	Torch, cable leads. See following pages for details.			
22.	T-10310	220646-UR	Nozzle 130A, Bevel	1	51.	Consumable Case. Details on the page 154, section Accessories.			
	T-10941	220646	Nozzle 130A, Bevel	1	52.	Coolant Liquid. Details on the page 150, section Accessories.			

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\*\* SHIELD OFFERS BETTER LIFETIME BECAUSE OF IMPROVED DESIGN AND IS FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

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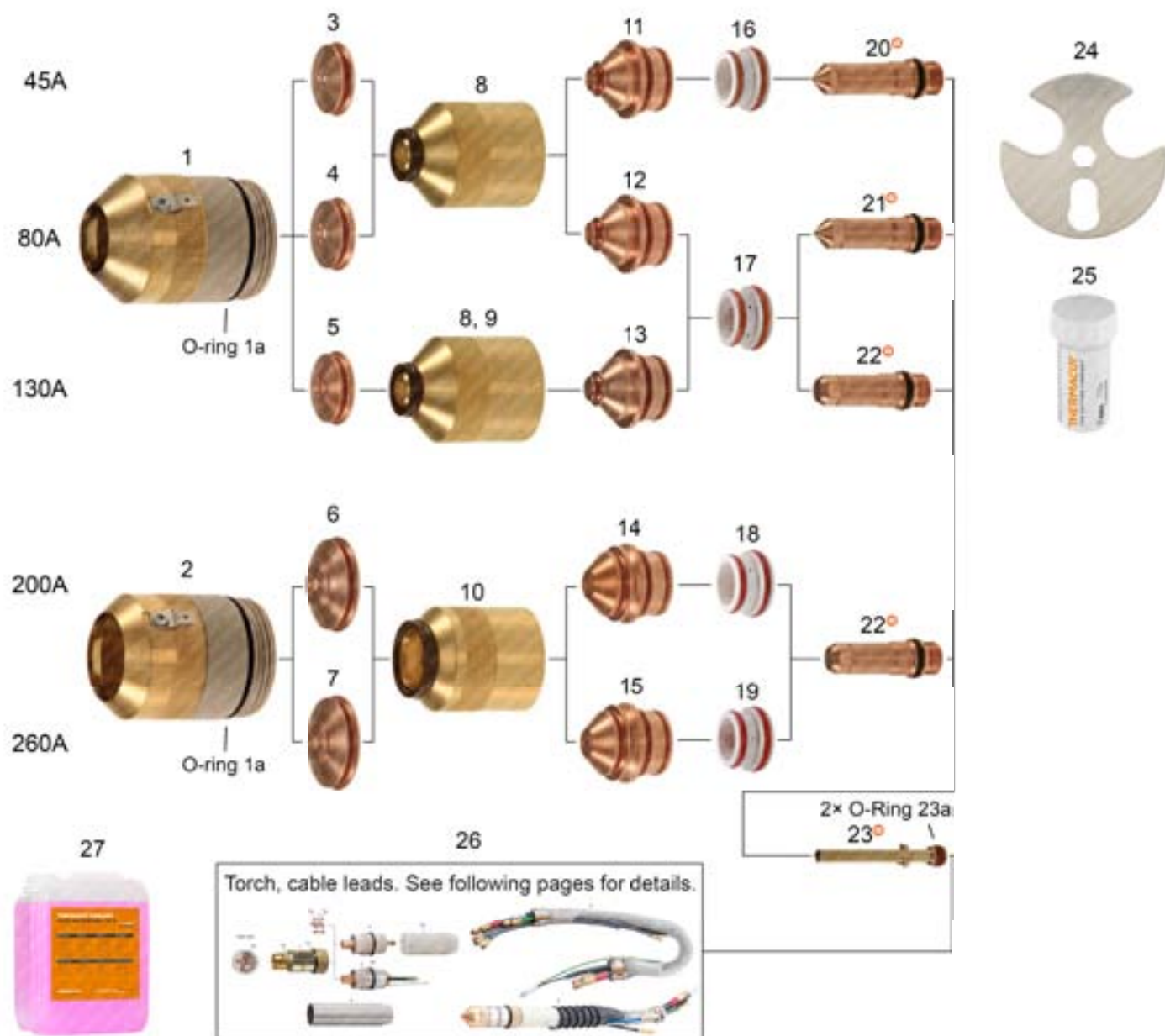
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**HPR®130/HPR®260 STAINLESS STEEL**



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9961*	220173-UR	Shield Cap 45-130A	1	17.	T-10295	220179	Swirl Ring 80A/130A (130A, Bevel)	1
*2.	T-9964*	220398-UR	Shield Cap 200/260A (130/260A, Bevel)	1	18.	T-10579	220342	Swirl Ring 200A	1
3.	T-9975	220202	Shield 45A	10	19.	T-10596	220405	Swirl Ring 260A (260A, Bevel)	1
4.	T-9979	220338	Shield 80A	10	20.	T-9978	220308-UR	Electrode 45A	5
5.	T-9982	220198	Shield 130A	10	21.	T-9981	220339-UR	Electrode 80A	5
6.	T-10879	220345	Shield 200A	1	22.	T-9984	220307-UR	Electrode 130A/200A/260A	5
7.	T-10880	220407	Shield 260A	1	23.	T-9882	220340-UR	Cooling Tube 30-260A	1
8.	T-11145	220304	Inner Retaining Cap 45A/80A/130A	1	23a.	N-10055	1-009S	O-Ring	1
9.	T-11144	220176	Inner Retaining Cap 130A (N <sub>2</sub> )	1	*24.	TN-0069*	104119-UR	Consumables Removal Tool	1
10.	T-11147	220344	Inner Retaining Cap 200A/260A	1	1a.	N-10099	1-031B	O-Ring	1
11.	T-9977	220201	Nozzle 45A	1	25.	T-0994	027055	Silicone Lubricant 25ml	1
12.	T-9980	220337	Nozzle 80A	5	26.	Torch, cable leads. See following pages for details.			
13.	T-9983	220197	Nozzle 130A	5	27.	Coolant Liquid. Details on the page 150, section Accessories.			
14.	T-9987	220343	Nozzle 200A	1					
15.	T-9990	220406	Nozzle 260A	1					
16.	T-10297	220180	Swirl Ring 45A	1					

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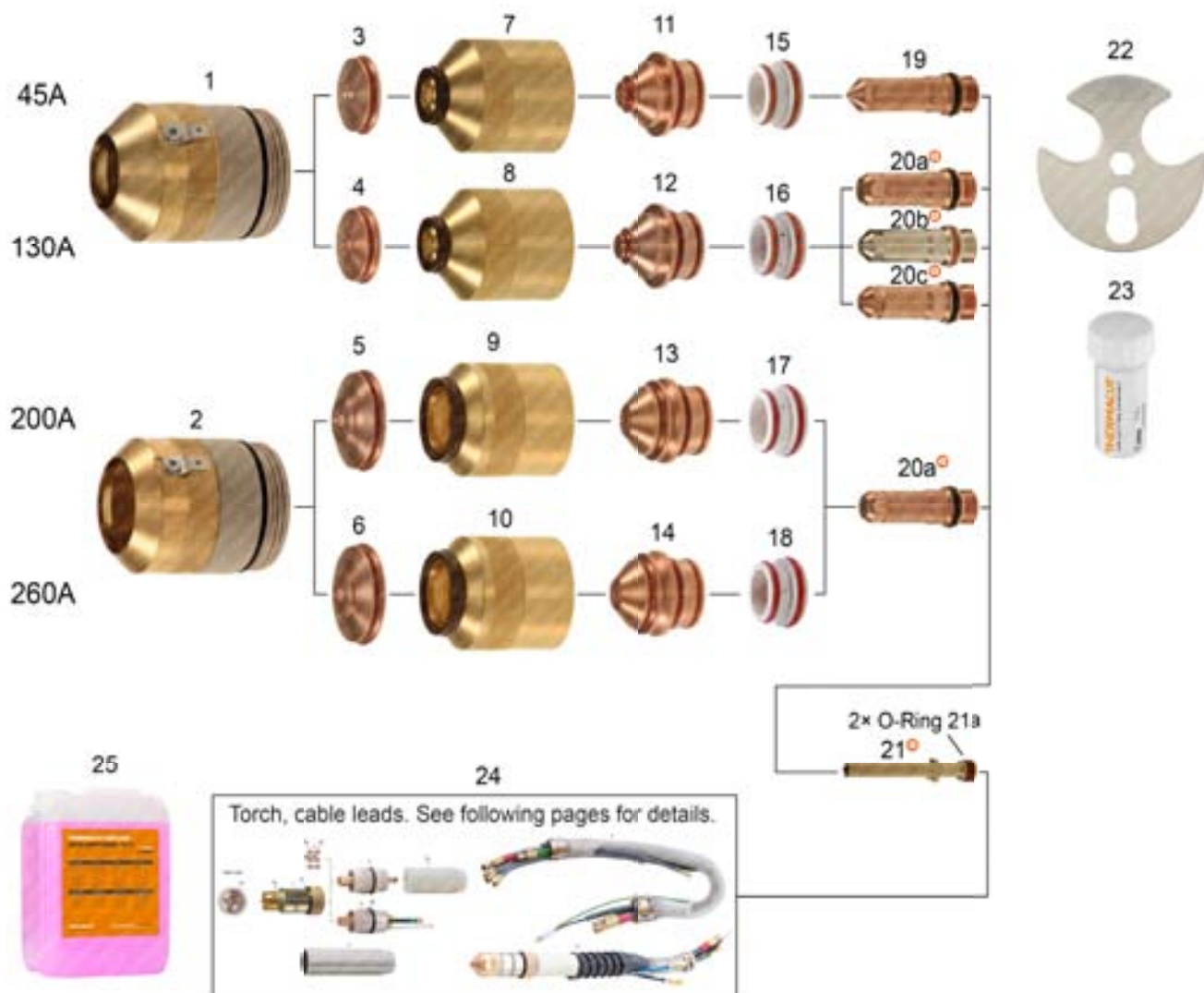
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**HPR®130/HPR®260 ALUMINIUM**



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**HPR®130/HPR®260 ALUMINIUM**

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*1.	T-9961*	220173-UR	Shield Cap 45-130A	1	15.	T-10297	220180	Swirl Ring 45A	1
*2.	T-9964*	220398-UR	Shield Cap 200/260A	1	16.	T-10295	220179	Swirl Ring 130A	1
3.	T-9975	220202	Shield 45A	10	17.	T-10579	220342	Swirl Ring 200A	1
4.	T-9982	220198	Shield 130A	10	18.	T-10596	220405	Swirl Ring 260A	1
5.	T-10879	220345	Shield 200A	1	19.	T-9978	220308-UR	Electrode 45A	5
6.	T-10880	220407	Shield 260A	1	20c	T-9920	220181-UR	Electrode 130A	5
7.,8.	T-11144	220176	Inner Retaining Cap 45A/130A	1	20b	T-4917	220181-AG	Electrode 130A, SilverEX-®	5
8.	T-11145	220304	Inner Retaining Cap 130A	1	20a	T-9984	220307-UR	Electrode 130A/200A/260A	5
9.	T-11148	220347	Inner Retaining Cap 200A	1	21.	T-9882	220340-UR	Cooling Tube 30-260A	1
10.	T-11147	220344	Inner Retaining Cap 260A	1	21a.	N-10055	1-009S	O-Ring	1
11.	T-9977	220201	Nozzle 45A	1	*22.	TN-0069*	104119-UR	Consumables Removal Tool	1
12.	T-9983	220197	Nozzle 130A	5	23.	T-0994	027055	Silicone Lubricant 25ml	1
13.	T-9993	220346	Nozzle 200A	1	24.	Torch, cable leads. See following pages for details.			
14.	T-9990	220406	Nozzle 260A	1	25.	Coolant Liquid. Details on the page 150, section Accessories.			

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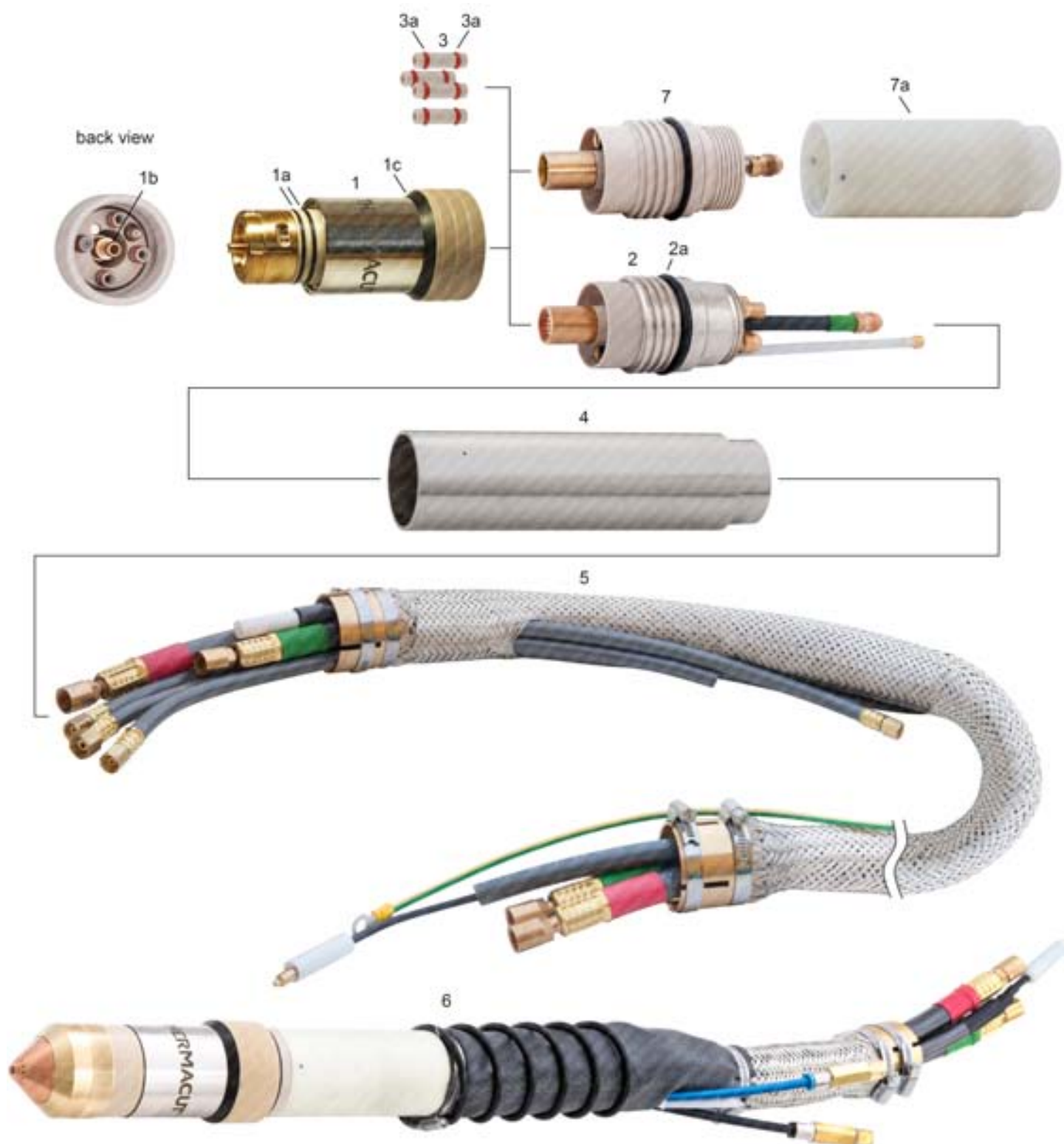
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HPR®130/HPR®260**  
**TORCHES AND CABLE LEADS**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### HPR®130/HPR®260

### TORCHES AND CABLE LEADS

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1., 3.	T-11137	220162	Torch Q.D. Orig. design (incl. item 3 - 4 pcs.; included 2 pcs. Cooling Tube 220340-UR)	1		KT-1150	128988	Cable Leads 20m (65ft)	1
						KT-1270	K.HPR130.21M.K	Cable Leads 21m (69ft)	1
1a.	N-10096	1-028B	O-Ring	1	6.	KT-1505	K.HPR130-BEV.7,5M	Robo (Bevel) Torch with Leads 7.5m (25ft)	1
1b.	N-10054	1-008S	O-Ring	1	!!!	KT-1245	DEMO_HPR130	Torch + Cable Leads 0.8m, sample piece - exhibition only	1
1c.	N-18157	N-18157	Conical Sealing	1					
2.	T-11138	220163	Receptacle Q. D. Original design	1	!!!	T-13146	DEMO HPR130 ROBO	Torch + Cable Leads 0.8m, sample piece - exhibition only	1
2a.	N-18108	O-KR-45x3,5B	O-Ring	1					
3.	T-11769	T-11769	Connector Tube HPR® with O-Rings	1	1,2,3,4,5	KT-1331	K.HPR130.7,5M	Torch with Leads 7.5m (25ft)	1
3a.	N-10055	1-009S	O-Ring	1		T-13127	K.HPR130.15M	Torch with Leads 15m (49ft)	1
4.	T-10492	220232	Mounting Tube	1		KT-1421	K.HPR130.20M	Torch with Leads 20m (65ft)	1
5.	KT-1108	128986	Cable Leads 2m (6ft)	1					
	KT-1397	128935	Cable Leads 3m (10ft)	1	1a, 1b, 1c, 3, 3a	T-11864	128879	Set of spare parts for 220162, contains items 3 (4 pcs.), 3a (8 pcs.), 1a (2 pcs.), 1b (1 pc.), 1c (1 pc.), 2a (1 pc.), Cooling Tube 220340-UR, Silicon Lubricant T-0994	1
	KT-1117	128934	Cable Leads 4.5m (15ft)	1					
	KT-1052	128784	Cable Leads 7.5m (25ft)	1					
	KT-1126	128987	Cable Leads 10m (35ft)	1	##7.	T-11409##	220573	Receptacle Q. D., Bevel	1
	KT-1106	128785	Cable Leads 15m (50ft)	1	##7a.	T-11410##	220546	Torch Mounting Sleeve, Bevel	1
	KT-1269	K.HPR130.18M.K	Cable Leads 18m (59ft)	1				Different types of cable leads available on request	

## RECEPTACLE Q. D., BEVEL POS. 7 IS NOT COMPATIBLE WITH STANDARD CABLE LEADS POS. 5

!!! DEMO IS INOPERATIVE, FOR EXHIBITION PURPOSES ONLY!

Q. D. QUICK DISCONNECT

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ALL PARTS ARE WITH O-RINGS

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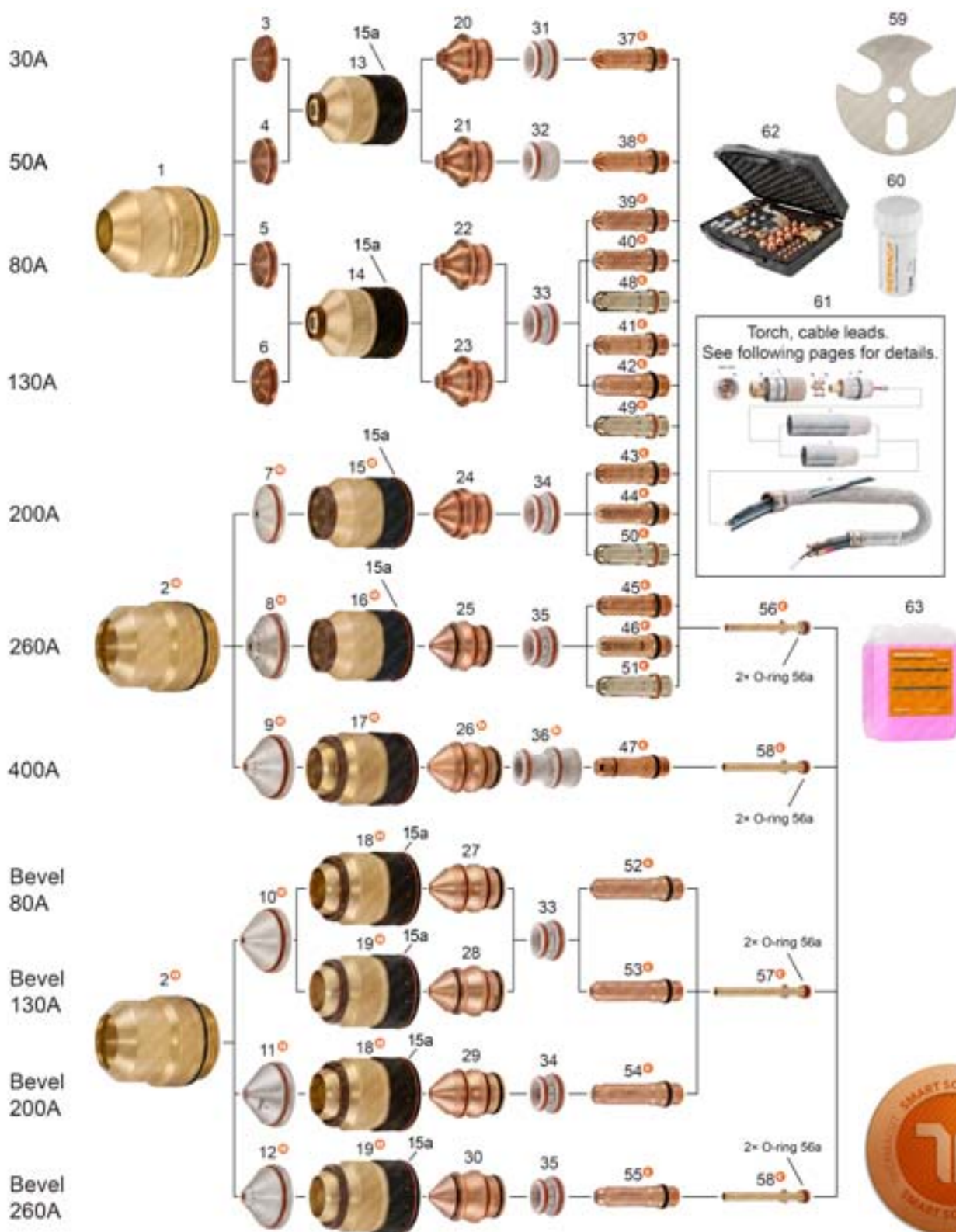
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**Hypertherm®**  
**HyPerformance® Plasma**  
**HPR®130XD/HPR®260XD/HPR®400XD MILD STEEL**



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
ⓐ 1.	T-11271	ⓐ 220747	Shield Cap 30-130A	1		T-10939	220542	Nozzle 260A, Bevel	1
2.	T-11270	220637-UR	Shield Cap 200-400A	1	31.	T-10297	220180	Swirl Ring 30A	1
3.	T-10878	220194	Shield 30A	10	32.	T-10305	220553	Swirl Ring 50A	1
4.	T-10882	220555	Shield 50A	10	33.	T-10295	220179	Swirl Ring 80/130A (80/130A, Bevel)	1
5.	T-9838	220189	Shield 80A	10	34.	T-10296	220353	Swirl Ring 200A	1
6.	T-9839	220183	Shield 130A	10	35.	T-10271	220436	Swirl Ring 260A (260A, Bevel)	1
ⓐ 7.	T-11276	ⓐ 220761-UR	Shield 200A	1	<b>NEW</b> ⓑ 36.	T-12267	ⓑ 220631-UR	Swirl Ring 400A (400A, Bevel)	1
ⓐ 8.	T-11277	ⓐ 220764-UR	Shield 260A	1	ⓐ 37.	T-9894	ⓐ 220192-UR	Electrode 30A	5
<b>NEW</b> ⓐ 9.	T-12272	ⓐ 220636-UR	Shield 400A	1	ⓐ 38.	T-10306	ⓐ 220552-UR	Electrode 50A	5
ⓐ 10.	T-11403	ⓐ 220742-UR	Shield 80/130A, Bevel	1	ⓐ 39.	T-9895	ⓐ 220187-UR	Electrode 80A	5
ⓐ 11.	T-11424	ⓐ 220658-UR	Shield 200A, Bevel	1	ⓐ 40.	T-12064	ⓐ 220187-PRO	Electrode 80A (=220566), Silver PRO	5
ⓐ 12.	T-11402	ⓐ 220741-UR	Shield 260A, Bevel	1	ⓐ 41.	T-9920	ⓐ 220181-UR	Electrode 130A	5
13.	T-11272	220754	Inner Retaining Cap 30/50A	1	ⓐ 42.	T-11203	ⓐ 220181-PRO	Electrode 130A (=220665-PRO), Silver PRO	5
14.	T-11273	220756	Inner Retaining Cap 80/130A	1	ⓐ 43.	T-9969	ⓐ 220352-UR	Electrode 200A	5
ⓐ 15.	T-11274	ⓐ 220757-UR	Inner Retaining Cap 200A	1	ⓐ 44.	T-11200	ⓐ 220352-PRO	Electrode 200A (=220666-PRO), Silver PRO	5
15a.	N-20194		O-Ring	1	ⓐ 45.	T-9974	ⓐ 220435-UR	Electrode 260A	5
ⓐ 16.	T-11275	ⓐ 220760-UR	Inner Retaining Cap 260A	1	ⓐ 46.	T-11197	ⓐ 220435-PRO	Electrode 260A (=220668-PRO), Silver PRO	5
<b>NEW</b> ⓐ 17.	T-12271	ⓐ 220635-UR	Inner Retaining Cap 400A	1	<b>NEW</b> ⓐ 47.	T-12269	ⓐ 220629-UR	Electrode 400A (400A, Bevel)	5
ⓐ 18.	T-11833	ⓐ 220845-UR	Inner Retaining Cap 80/200A, Bevel	1	ⓐ 48.	T-4927	ⓐ 220187-AG	Electrode 80A, SilverEX-®	5
ⓐ 19.	T-11401	ⓐ 220740-UR	Inner Retaining Cap 130/260A, Bevel	1	ⓐ 49.	T-4917	ⓐ 220181-AG	Electrode 130A, SilverEX-®	5
20.	T-9834	220193-UR	Nozzle 30A	1	ⓐ 50.	T-4925	ⓐ 220352-AG	Electrode 200A, SilverEX-®	5
	T-10936	220193	Nozzle 30A	1	ⓐ 51.	T-4926	ⓐ 220435-AG	Electrode 260A, SilverEX-®	5
21.	T-10313	220554-UR	Nozzle 50A	1	ⓐ 52.	T-11831	ⓐ 220802-UR	Electrode 80A, Bevel	5
	T-10940	220554	Nozzle 50A	1	ⓐ 53.	T-10309	ⓐ 220649-UR	Electrode 130A, Bevel	5
22.	T-9835	220188-UR	Nozzle 80A	1	ⓐ 54.	T-11426	ⓐ 220662-UR	Electrode 200A, Bevel	5
	T-10935	220188	Nozzle 80A	1	ⓐ 55.	T-10307	ⓐ 220541-UR	Electrode 260A, Bevel	5
23.	T-9836	220182-UR	Nozzle 130A	1	ⓐ 56.	T-9882	ⓐ 220340-UR	Cooling Tube 30-260A	1
	T-10934	220182	Nozzle 130A	1	56a.	T-13016	026009	O-Ring	1
24.	T-9967	220354-UR	Nozzle 200A	1	ⓐ 57.	T-10472	ⓐ 220700-UR	Cooling Tube 80-200A, Bevel	1
	T-10937	220354	Nozzle 200A	1	ⓐ 58.	T-10323	ⓐ 220571-UR	Cooling Tube 400A (260-400A, Bevel)(400-600A, SS, AL)	1
25.	T-9972	220439-UR	Nozzle 260A	1	*59.	TN-0069*	104119-UR	Consumables Removal Tool	1
	T-10938	220439	Nozzle 260A	1	60.	T-0994	027055	Silicone Lubricant 25ml	1
<b>NEW</b> ⓑ 26.	T-12270	ⓑ 220632-UR	Nozzle 400A (400A, Bevel)	1	61.	Torch, Cable Leads. See following pages for details.			
27.	T-11832	220806	Nozzle 80A, Bevel	1	62.	Consumable Case. Details on the page 155, section Accessories.			
28.	T-10310	220646-UR	Nozzle 130A, Bevel	1	63.	Coolant Liquid. Details on the page 150, section Accessories.			
	T-10941	220646	Nozzle 130A, Bevel	1					
29.	T-11425	220659	Nozzle 200A, Bevel	1					
30.	T-10308	220542-UR	Nozzle 260A, Bevel	1					

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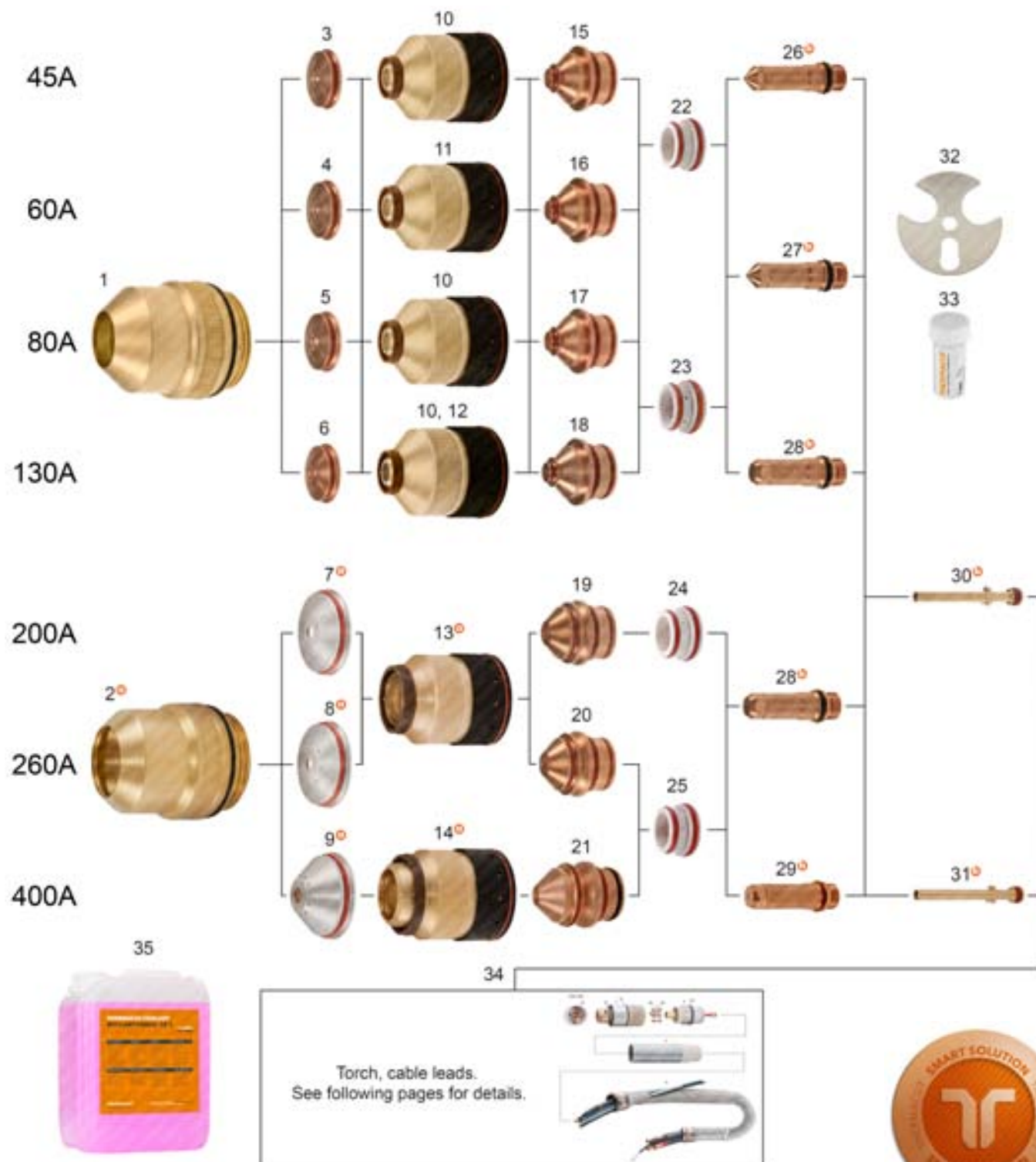
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**HPR®130XD/HPR®260XD/HPR®400XD STAINLESS STEEL**



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11271	220747	Shield Cap 45-130A	1	19.	T-9987	220343	Nozzle 200A	1
2.	T-11270	220637-UR	Shield Cap 200-400A	1	20.	T-9990	220406	Nozzle 260A	1
3.	T-9975	220202	Shield 45A	1	21.	T-11960	220708	Nozzle 400A (400A, Bevel)	1
4.	T-11954	220815	Shield 60A	1	22.	T-10297	220180	Swirl Ring 45A	1
5.	T-9979	220338	Shield 80A	1	23.	T-10295	220179	Swirl Ring 80/130A (130A, Bevel)	1
6.	T-9982	220198	Shield 130A	1	24.	T-10579	220342	Swirl Ring 200A	1
7.	T-11956	220762-UR	Shield 200A	1	25.	T-10596	220405	Swirl Ring 260/400A (260/400A, Bevel)	1
8.	T-11957	220763-UR	Shield 260A	1	26.	T-9978	220308-UR	Electrode 45A	5
9.	T-11958	220707-UR	Shield 400A (400A, Bevel)	1	27.	T-9981	220339-UR	Electrode 60/80A	5
10.	T-11953	220755	Inner Retaining Cap 45/80/130A	1	28.	T-9984	220307-UR	Electrode 130/200/260A	5
11.	T-11951	220814	Inner Retaining Cap 60A	1	29.	T-11950	220709-UR	Electrode 400-600A (Bevel)	5
12.	T-11273	220756	Inner Retaining Cap 130A (N <sub>2</sub> )	1	30.	T-9882	220340-UR	Cooling Tube 30-260A	1
13.	T-11955	220758-UR	Inner Retaining Cap 200/260A	1	31.	T-10323	220571-UR	Cooling Tube 400A (260-400A, Bevel)	1
14.	T-11959	220712-UR	Inner Retaining Cap 400A (400A, Bevel)	1	32.	TN-0069*	104119-UR	Consumables Removal Tool	1
15.	T-9977	220201	Nozzle 45A	1	33.	T-0994	027055	Silicone Lubricant 25ml	1
16.	T-11952	220847	Nozzle 60A	1	34.	Torch, Cable Leads. See following pages for details.			
17.	T-9980	220337	Nozzle 80A	1	35.	Coolant Liquid. Details on the page 150, section Accessories.			
18.	T-9983	220197	Nozzle 130A	1					

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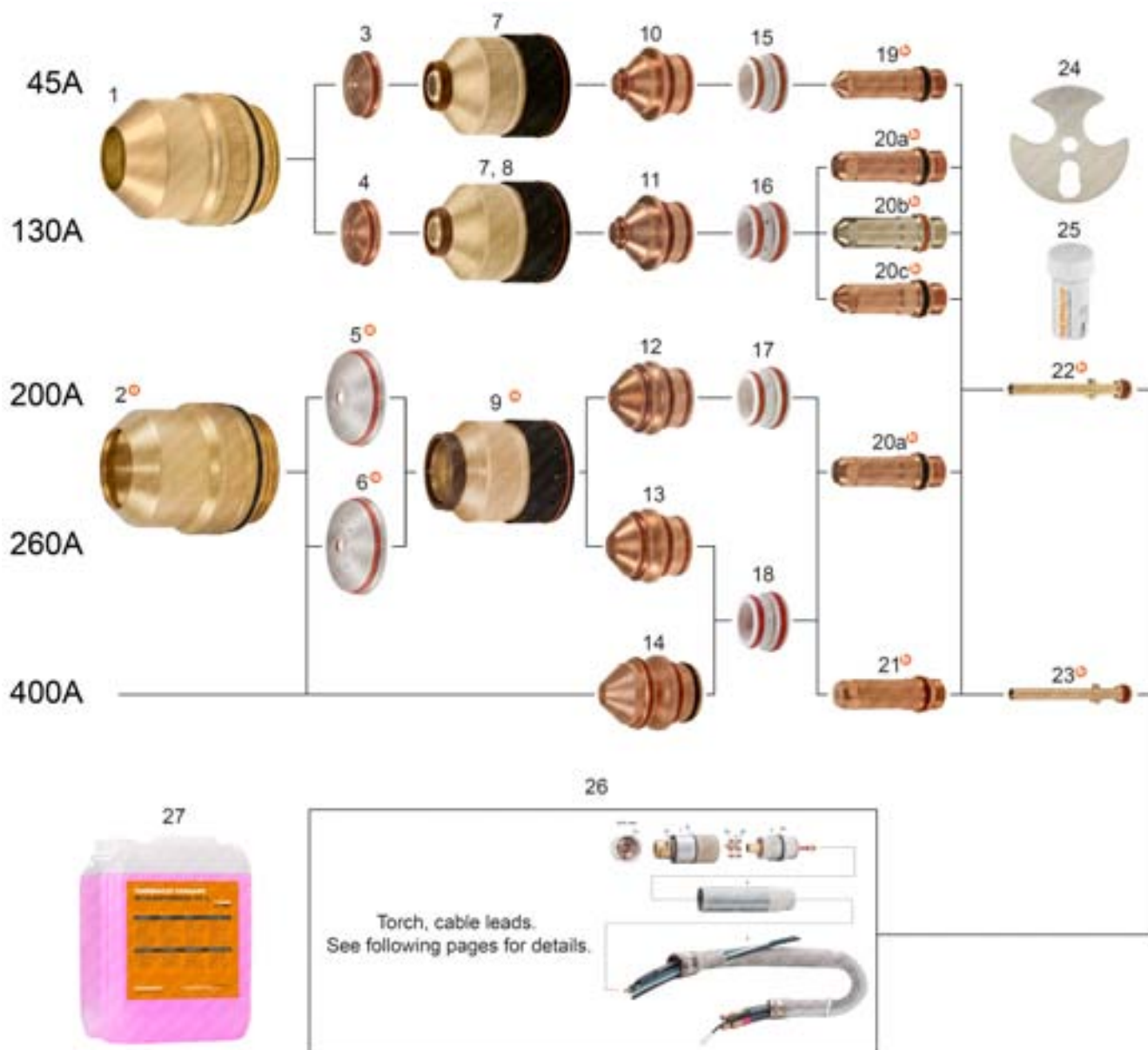
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**HPR®130XD/HPR®260XD/HPR®400XD ALUMINIUM**



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1.	T-11271	220747	Shield Cap 45-130A	1	17.	T-10579	220342	Swirl Ring 200A	1
⊕ 2.	T-11270	⊕ 220637-UR	Shield Cap 200A	1	18.	T-10596	220405	Swirl Ring 260/400A	1
3.	T-9975	220202	Shield 45A	10	ⓑ 19.	T-9978	ⓑ 220308-UR	Electrode 45A	5
4.	T-9982	220198	Shield 130A	10	ⓑ 20.c	T-9920	ⓑ 220181-UR	Electrode 130A, Air	5
⊕ 5.	T-11956	⊕ 220762-UR	Shield 200A	1	ⓑ 20.b	T-4917	ⓑ 220181-AG	Electrode 130A, Air, SilverEX-®	5
⊕ 6.	T-11957	⊕ 220763-UR	Shield 260A	1	ⓑ 20.a	T-9984	ⓑ 220307-UR	Electrode 130/200/260A	5
7.	T-11273	220756	Inner Retaining Cap 45/130A	1	ⓑ 21.	T-11950	ⓑ 220709-UR	Electrode 400-600A (Bevel)	5
8.	T-11953	220755	Inner Retaining Cap 45/130A	1	ⓑ 22.	T-9882	ⓑ 220340-UR	Cooling Tube 30-260A	1
⊕ 9.	T-11955	⊕ 220758-UR	Inner Retaining Cap 200/260A	1	ⓑ 23.	T-10323	ⓑ 220571-UR	Cooling Tube 400A (260-400A, Bevel)	1
10.	T-9977	220201	Nozzle 45A	1	*24.	TN-0069*	104119-UR	Consumables Removal Tool	1
11.	T-9983	220197	Nozzle 130A	5	25.	T-0994	027055	Silicone Lubricant 25ml	1
12.	T-9987	220343	Nozzle 200A	1	26.	Torch, Cable Leads. See following pages for details.			
13.	T-9990	220406	Nozzle 260A	1	27.	Coolant Liquid. Details on the page 150, section Accessories.			
14.	T-11960	220708	Nozzle 400A (Bevel)	1					
15.	T-10297	220180	Swirl Ring 45A	1					
16.	T-10295	220179	Swirl Ring 130A	1					

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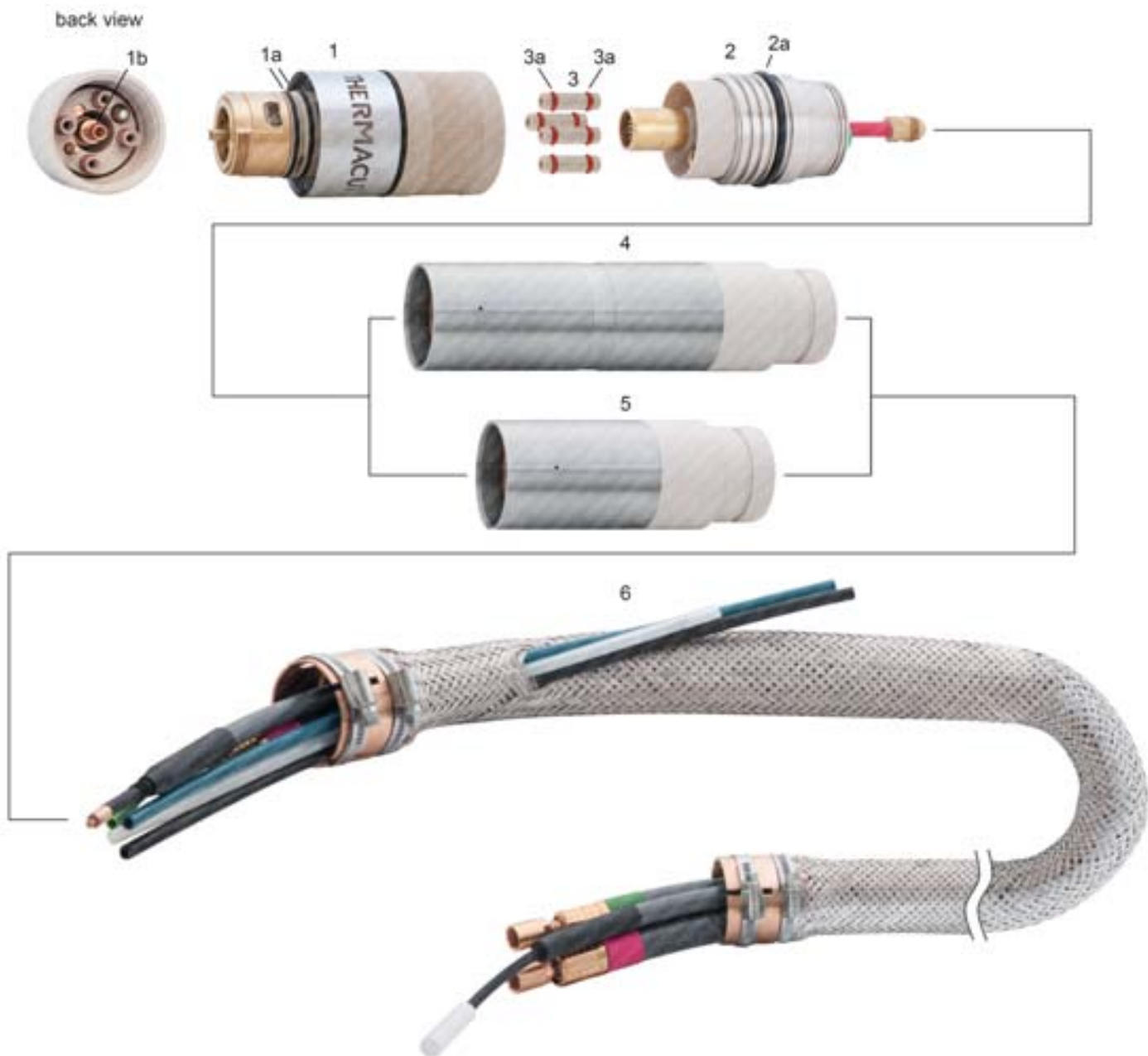
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**TORCHES AND CABLE LEADS**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HPR®130XD/HPR®260XD/HPR®400XD TORCHES AND CABLE LEADS

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11834	220706	Torch Q. D. (included 2 pcs. Cooling Tube 220340-UR)	1	NS	T-13116	228516	Robo Leads 2m (6ft) w/ Gas Hose 2.4m (8ft)	1
1a.	N-10096	1-028B	O-Ring	1	NS	T-13115	228515	Robo Leads 2.5m (8ft) w/ Gas Hose 1.8m (6ft)	1
1b.	N-10054	1-008S	O-Ring	1	NS	T-13117	228517	Robo Leads 2.5m (8ft) w/ Gas Hose 2.4m (8ft)	1
2.	T-11844	220705	Receptacle Q. D.	1	NS	T-13100	228475	Robo Leads 3m (10ft) w/ Gas Hose 1.8m (6ft)	1
2a.	N-18108	O-KR-45x3,5B	O-Ring	1	NS	T-13107	228482	Robo Leads 3m (10ft) w/ Gas Hose 2.4m (8ft)	1
3.	T-11769	T-11769	Connector Tube HPR with O-Rings	1	NS	T-13101	228476	Robo Leads 3.5m (12ft) w/ Gas Hose 1.8m (6ft)	1
3a.	N-10055	1-009S	O-Ring	1	NS	T-13108	228483	Robo Leads 3.5m (12ft) w/ Gas Hose 2.4m (8ft)	1
4.	T-11854	220789	Mounting Sleeve XD	1	NS	T-13102	228477	Robo Leads 4.5m (15ft) w/ Gas Hose 1.8m (6ft)	1
5.	T-12226	220788	Mounting Sleeve XD, Short	1	NS	T-13109	228484	Robo Leads 4.5m (15ft) w/ Gas Hose 2.4m (8ft)	1
16.	KT-1423	228291	Cable Leads 2m(6ft) w/ Gas Hose 1.8m(6ft)	1	NS	T-13103	228478	Robo Leads 6m (20ft) w/ Gas Hose 1.8m (6ft)	1
!	KT-1440	228410	Cable Leads 2m(6ft) w/ Gas Hose 2.4m(8ft)	1	NS	T-13110	228485	Robo Leads 6m (20ft) w/ Gas Hose 2.4m (8ft)	1
!	KT-1424	228292	Cable Leads 3m(10ft) w/ Gas Hose 1.8m(6ft)	1	NS	T-13104	228479	Robo Leads 7.5m (25ft) w/ Gas Hose 1.8m (6ft)	1
!	KT-1439	228411	Cable Leads 3m(10ft) w/ Gas Hose 2.4m(8ft)	1	NS	T-13111	228486	Robo Leads 7.5m (25ft) w/ Gas Hose 2.4m (8ft)	1
!	KT-1425	228293	Cable Leads 4.5m(15ft) w/ Gas Hose 1.8m(6ft)	1	NS	T-13105	228480	Robo Leads 10m (35ft) w/ Gas Hose 1.8m (6ft)	1
!	KT-1438	228412	Cable Leads 4.5m(15ft) w/ Gas Hose 2.4m(8ft)	1	NS	T-13112	228487	Robo Leads 10m (35ft) w/ Gas Hose 2.4m (8ft)	1
!	KT-1426	228294	Cable Leads 6m(20ft) w/ Gas Hose 1.8m(6ft)	1	NS	T-13106	228481	Robo Leads 15m (50ft) w/ Gas Hose 1.8m (6ft)	1
!	KT-1441	228413	Cable Leads 6m(20ft) w/ Gas hose 2.4m(8ft)	1	NS	T-13113	228488	Robo Leads 15m (50ft) w/ Gas Hose 2.4m (8ft)	1
!	KT-1427	228295	Cable Leads 7.5m(25ft) w/ Gas Hose 1.8m(6ft)	1	!!!	KT-1435	DEMO HPRXD	Torch + Cable Leads 0.8m, sample piece - exhibition only	1
!	KT-1442	228414	Cable Leads 7.5m(25ft) w/ Gas Hose 2.4m(8ft)	1	NS	KT-1477	K.HPRXD.4,5M.6GAS	Torch with Leads 4.5m (6')	1
!	KT-1428	228296	Cable Leads 10m(35ft) w/ Gas Hose 1.8m(6ft)	1	More types of cable leads are available on request				
!	KT-1437	228415	Cable Leads 10m(35ft) w/ Gas Hose 2.4m(8ft)	1	1a, 1b, 1c, 3, 3a	T-11864	128879	Torch Kit - set of spare parts for 220706, contains items 3 (4 pcs.), 3a (8 pcs.), 1a (2 pcs.), 1b (1 pc.), 1c (1 pc.), 2a (1 pc.), Cooling Tube 220340-UR, Silicone Lubricant T-0994	1
!	KT-1429	228297	Cable Leads 15m(50ft) w/ Gas Hose 1.8m(6ft)	1	Torch with leads available on request				
!	KT-1436	228416	Cable Leads 15m(50ft) w/ Gas Hose 2.4m(8ft)	1					
!	KT-1430	228547	Cable Leads 20m(65ft) w/ Gas Hose 1.8m(6ft)	1					
!	KT-1434	228546	Cable Leads 20m(65ft) w/ Gas Hose 2.4m(8ft)	1					
NS	T-13114	228514	Robo Leads 2m (6ft) w/ Gas Hose 1.8m (6ft)	1					

! OHMIC CONTACT WIRE IS NOT PART OF THE CABLE LEADS

!!! DEMO IS INOPERATIVE, FOR EXHIBITION PURPOSES ONLY!

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Q. D. QUICK DISCONNECT

ALL PARTS ARE WITH O-RINGS

W/ WITH

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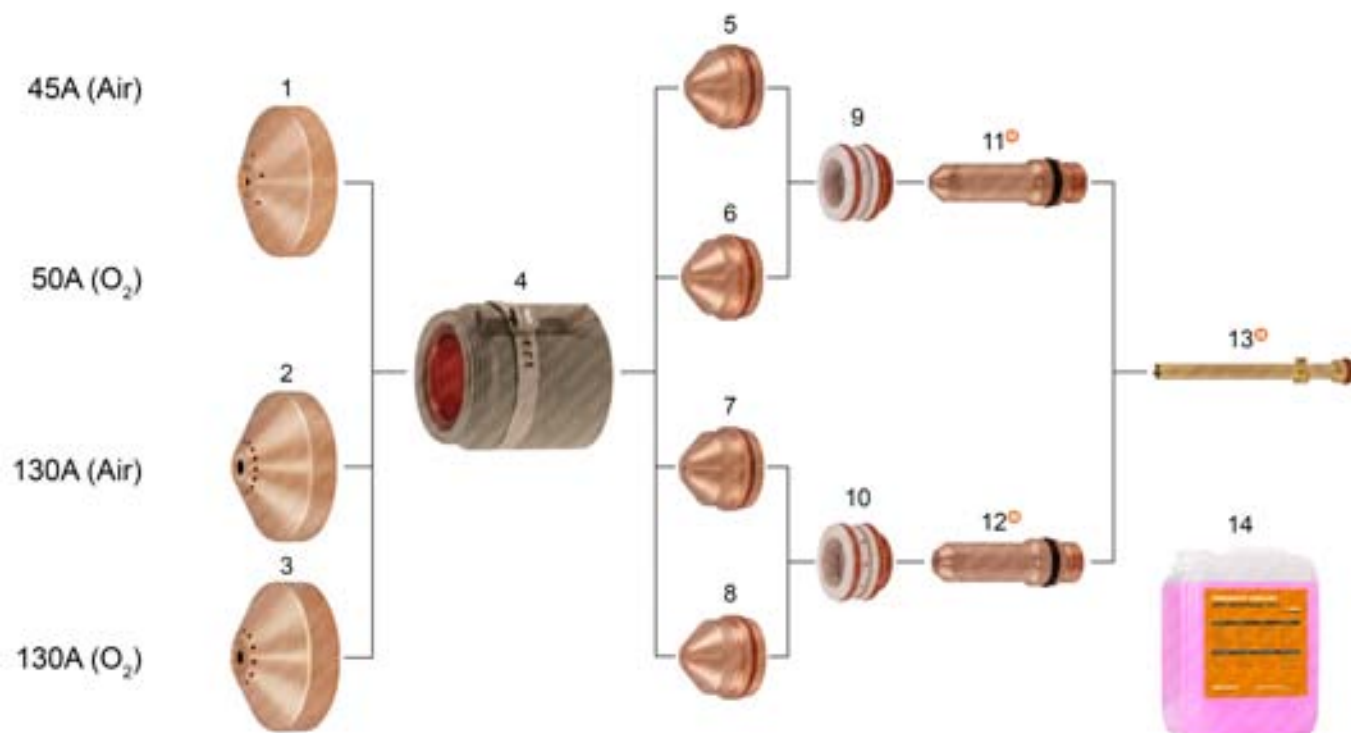
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HySpeed® Plasma**  
**HSD®130 MILD STEEL**

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11283	220532	Shield 45A, Air (50A, O <sub>2</sub> )	1	8.	T-11305	220489	Nozzle 130A, O <sub>2</sub>	5
2.	T-11284	220536	Shield 130A, Air	1	9.	T-11282	220529	Swirl Ring 45A, Air (50A, O <sub>2</sub> )	1
3.	T-11281	220491	Shield 130A, O <sub>2</sub>	1	10.	T-11280	220488	Swirl Ring 130A (200A)	1
*4.	T-11285*	220578-UR	Ret. Cap 45/130A, Air (50/130A, O <sub>2</sub> ), with IHS	1	11.	T-11309	220528-UR	Electrode 45A (50A)	5
*NS	T-11347*	220490-UR	Ret. Cap 45/130A, Air (50/130A, O <sub>2</sub> ), without IHS	1	12.	T-11304	220487-UR	Electrode 130A, Air/O <sub>2</sub>	5
5.	T-11308	220525	Nozzle 45A, Air	5	13.	T-11307	220521-UR	Cooling Tube	1
6.	T-11311	220530	Nozzle 50A, O <sub>2</sub>	5	14.	Coolant Liquid. Details on the page 150, section Accessories.			
7.	T-11306	220492	Nozzle 130A, Air	5					

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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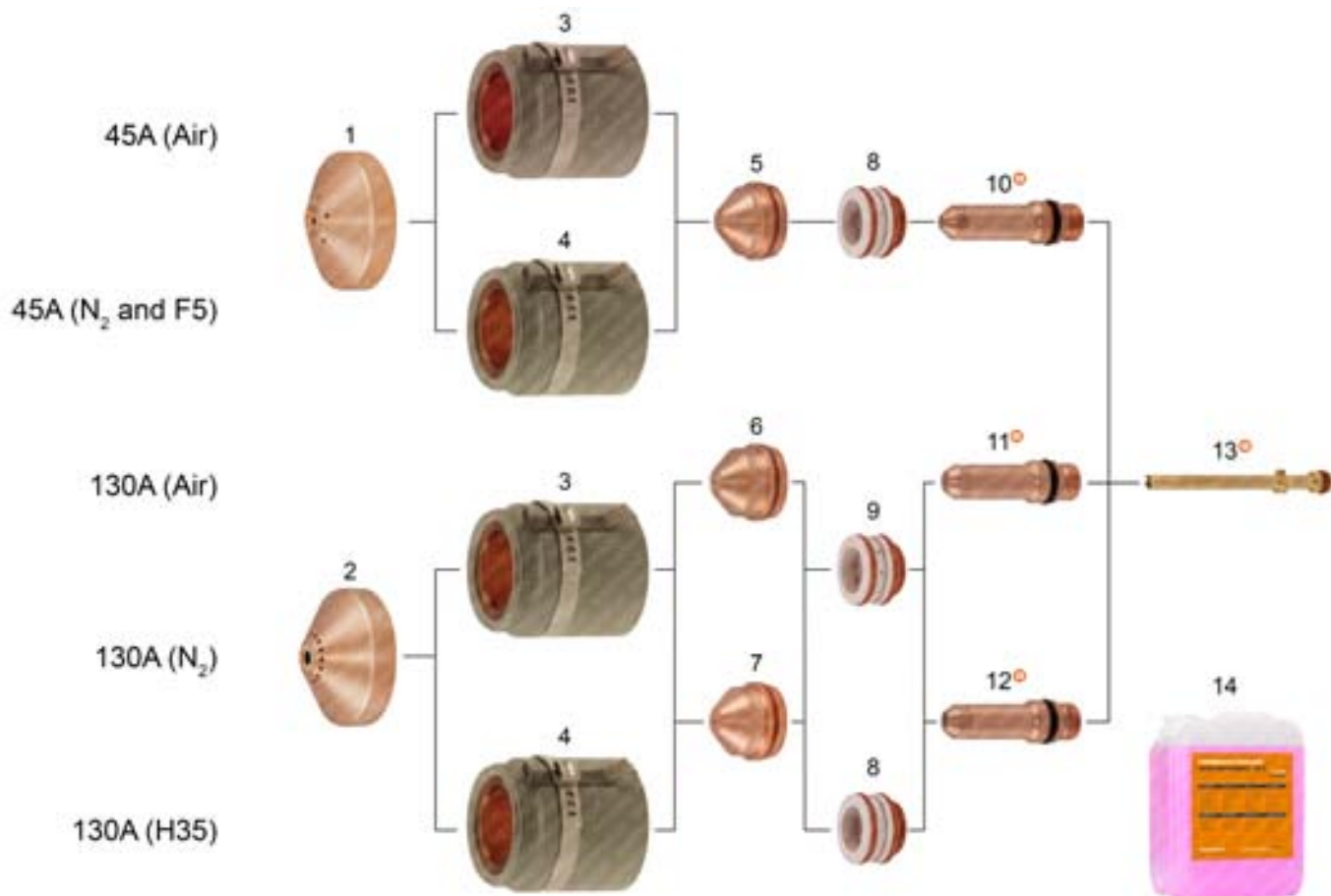
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HySpeed® Plasma**  
**HSD® 130 STAINLESS STEEL**

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11283	220532	Shield 45A, Air/N <sub>2</sub> /F5	1	7.	T-11310	220535	Nozzle 130A, H35/N <sub>2</sub>	5
2.	T-11284	220536	Shield 130A, Air/H35/N <sub>2</sub>	1	8.	T-11282	220529	Swirl Ring 45A, Air/N <sub>2</sub> /F5 (130A, H35)	1
*3.	T-11285*	220578-UR	Ret. Cap 45A, Air (130A, Air/N <sub>2</sub> ), with IHS	1	9.	T-11280	220488	Swirl Ring 130A (200A)	1
*NS	T-11347*	220490-UR	Ret. Cap 45A, Air (130A, Air/N <sub>2</sub> ), without IHS	1	⊕ 10.	T-11309 ⊕	220528-UR	Electrode 45A (50A)	5
*4.	T-11350*	220534-UR	Ret. Cap 45A, N <sub>2</sub> /F5 (130A, H35), with IHS	1	⊕ 11.	T-11304 ⊕	220487-UR	Electrode 130A, Air	5
*NS	T-11346*	220533-UR	Ret. Cap 45A, N <sub>2</sub> /F5 (130A, H35), without IHS	1	⊕ 12.	T-0382 ⊕	020415-UR	Electrode 100-200A	5
5.	T-11308	220525	Nozzle 45A, Air/N <sub>2</sub> /F5	5	⊕ 13.	T-11307 ⊕	220521-UR	Cooling Tube	1
6.	T-11306	220492	Nozzle 130A, Air	5	14.	Coolant Liquid. Details on the page 150, section Accessories.			

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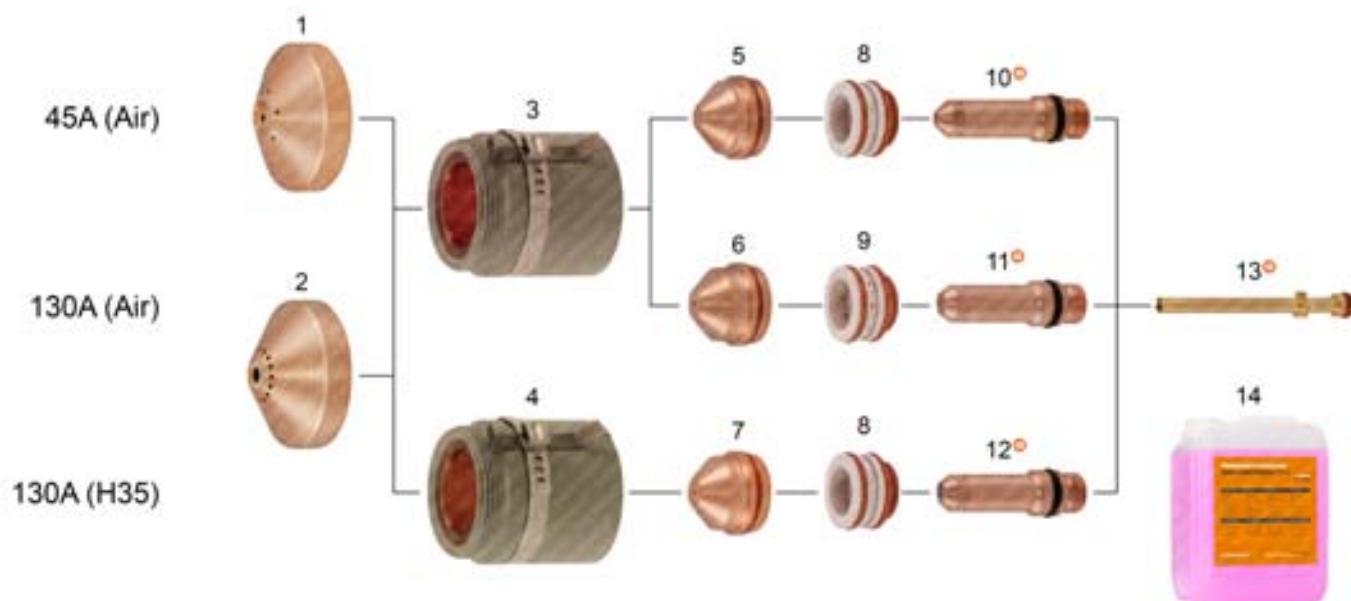
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HySpeed® Plasma HSD®130 ALUMINIUM

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Item	Part No..	Ref. No.	Description	Std. Pkg.	Item	Part No..	Ref. No.	Description	Std. Pkg.
1.	T-11283	220532	Shield 45A, Air	1	7.	T-11310	220535	Nozzle 130A, H35	5
2.	T-11284	220536	Shield 130A, Air/H35	1	8.	T-11282	220529	Swirl Ring 45A, Air (130A, H35)	1
*3.	T-11285*	220578-UR	Retaining Cap 45/130A, Air, with IHS	1	9.	T-11280	220488	Swirl Ring 130A (200A)	1
*NS	T-11347*	220490-UR	Retaining Cap 45/130A, Air, without IHS	1	⊕ 10.	T-11309 ⊕	220528-UR	Electrode 45A (50A)	5
*4.	T-11350*	220534-UR	Retaining Cap 130A, H35, with IHS	1	⊕ 11.	T-11304 ⊕	220487-UR	Electrode 130A, Air	5
*NS	T-11346*	220533-UR	Retaining Cap 130A, H35, without IHS	1	⊕ 12.	T-0382 ⊕	020415-UR	Electrode 100-200A	5
5.	T-11308	220525	Nozzle 45A, Air	5	⊕ 13.	T-11307 ⊕	220521-UR	Cooling Tube	1
6.	T-11306	220492	Nozzle 130A, Air	5	14.	Coolant Liquid. Details on the page 150, section Accessories.			

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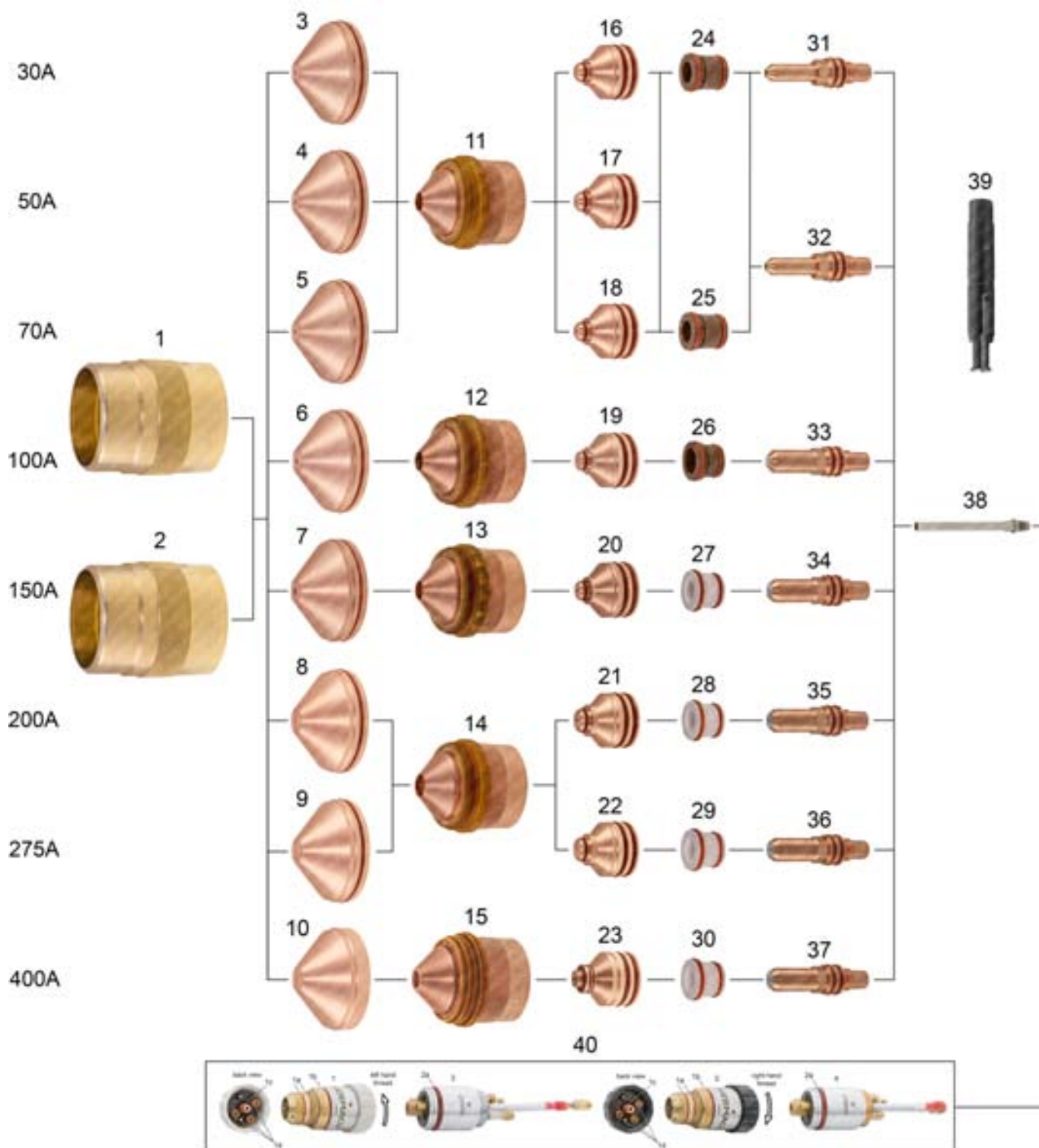




# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 MILD STEEL



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 MILD STEEL



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11909	284150	Outer Retaining Cap 30-400A	1	21.	T-11884	277289	Nozzle 200A MS/SS/AL, Air	1
2.	T-11892	277154	Outer Retaining Cap 30-275A	1	22.	T-11888	277269	Nozzle 275A MS	5
3.	T-12034	277145	Shield Cap 30A MS/AL	1	23.	T-12028	284125	Nozzle 400A MS	5
4.	T-12029	277115	Shield Cap 50A MS	1	24.	T-12033	277140	Swirl Ring 30-70A MS/SS/AL, H17	1
5.	T-11901	277150	Shield Cap 70A MS/SS/AL	1	25.	T-11894	277142	Swirl Ring 50-70A MS/SS/AL	1
6.	T-11898	277286	Shield Cap 100A MS/SS/AL, Air	1	26.	T-11893	277283	Swirl Ring 100A MS/SS/AL, Air	1
7.	T-11907	277117	Shield Cap 150A MS/SS/AL	1	*27.	T-11897	277139-UR	Swirl Ring 150A MS/SS/AL	1
8.	T-11899	277274	Shield Cap 200A MS/SS/AL	1	*28.	T-11896	277143-UR	Swirl Ring 200A MS/SS/AL	1
9.	T-11900	277263	Shield Cap 275A MS/SS/AL	1	*29.	T-11895	277258-UR	Swirl Ring 275A MS/SS/AL	1
10.	T-12037	284123	Shield Cap 400A MS	1	*30.	T-12036	284122-UR	Swirl Ring 400A MS/SS/AL	1
11.	T-11891	277153	Inner Retaining Cap 30-70A MS/SS/AL	1	31.	T-12032	277130	Electrode 30A MS/AL	5
12.	T-11908	277151	Inner Retaining Cap 100/150A MS/SS/AL	1	32.	T-11906	277131	Electrode 50/70A MS/SS/AL	5
13.	T-11890	277152	Inner Retaining Cap 150A MS/SS/AL	1	33.	T-11902	277282-PRO	Electrode 100A MS/SS/AL, Silver PRO	5
14.	T-11889	277266	Inner Retaining Cap 200/275A MS/SS/AL	1	34.	T-11904	277292-PRO	Electrode 150A MS/SS/AL, Silver PRO	5
15.	T-12035	284121	Inner Retaining Cap 400A MS	1	35.	T-11903	277291-PRO	Electrode 200A MS/SS/AL, Silver PRO	5
16.	T-12030	277120	Nozzle 30A MS/AL	5	36.	T-11905	277270-PRO	Electrode 275A MS/SS/AL, Silver PRO	5
17.	T-12031	277122	Nozzle 50A MS/AL	5	37.	T-12038	284124-PRO	Electrode 400A MS, Silver PRO	1
18.	T-11887	277125	Nozzle 70A MS/SS/AL	5	38.	T-11944	277007	Cooling Tube	1
19.	T-11886	277284	Nozzle 100A MS/SS/AL, Air	1	39.	T-11322	12.40320	Wrench for Swirl Ring 150-400A	1
20.	T-11885	277293	Nozzle 150A MS/SS/AL, Air	5	40.	Torch, Cable Leads. See following pages for details.			

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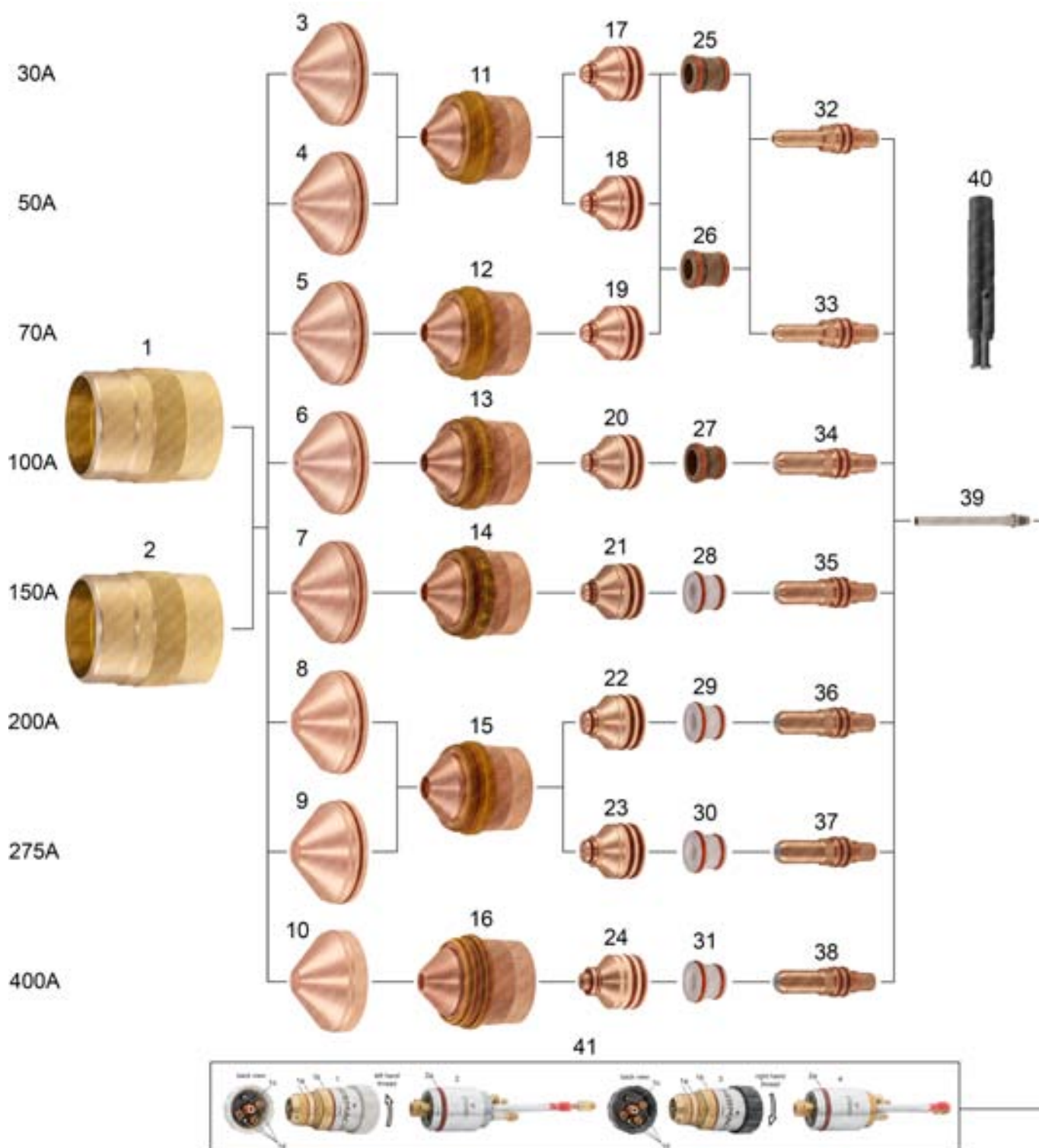
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 STAINLESS STEEL



Last update of this page: 25/11/2019. See Revision history for details.

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 STAINLESS STEEL



PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11909	284150	Outer Retaining Cap 30-400A	1	23.	T-12056	277276	Nozzle 275A SS/AL	5
2.	T-11892	277154	Outer Retaining Cap 30-275A	1	24.	T-12057	284157	Nozzle 400A SS	5
3.	T-12049	277144	Shield Cap 30A SS	1	25.	T-12059	277138	Swirl Ring 30A SS	5
4.	T-12050	277149	Shield Cap 50A SS	1	26.	T-11894	277142	Swirl Ring 50/70A MS/SS/AL	5
5.	T-11901	277150	Shield Cap 70A MS/SS/AL	1	*27.	T-11893	277283	Swirl Ring 100A MS/SS/AL, Air	5
6.	T-11898	277286	Shield Cap 100A MS/SS/AL, Air	1	*28.	T-11897	277139-UR	Swirl Ring 150A MS/SS/AL	5
7.	T-11907	277117	Shield Cap 150A MS/SS/AL	1	*29.	T-11896	277143-UR	Swirl Ring 200A MS/SS/AL	5
8.	T-11899	277274	Shield Cap 200A MS/SS/AL	1	*30.	T-11895	277258-UR	Swirl Ring 275A MS/SS/AL	5
9.	T-11900	277263	Shield Cap 275A MS/SS/AL	1	31.	T-12036	284122-UR	Swirl Ring 400A MS/SS/AL	5
10.	T-12051	284155	Shield Cap 400A SS/AL	1	32.	T-12060	277137	Electrode 30/50A SS	1
11.	T-12052	277110	Inner Retaining Cap 30-50A SS	1	33.	T-11906	277131	Electrode 70A MS/SS/AL	5
12.	T-11891	277153	Inner Retaining Cap 70A MS/SS/AL	1	34.	T-11902	277282-PRO	Electrode 100A MS/SS/AL, Silver PRO	5
13.	T-11908	277151	Inner Retaining Cap 100A MS/SS/AL	1	35.	T-11904	277292-PRO	Electrode 150A MS/SS/AL, Silver PRO	5
14.	T-11890	277152	Inner Retaining Cap 150A MS/SS/AL	1	36.	T-11903	277291-PRO	Electrode 200A MS/SS/AL, Silver PRO	5
15.	T-11889	277266	Inner Retaining Cap 200/275A MS/SS/AL	1	37.	T-11905	277270-PRO	Electrode 275A MS/SS/AL, Silver PRO	5
16.	T-12053	284156	Inner Retaining Cap 400A SS/AL	1	38.	T-12061	284159	Electrode 400A SS/AL	1
17.	T-12054	277121	Nozzle 30A SS	5	39.	T-11944	277007	Cooling Tube	1
18.	T-12055	277123	Nozzle 50A SS	5	40.	T-11322	12.40320	Wrench for Swirl Ring 150-400A	1
19.	T-11887	277125	Nozzle 70A MS/SS/AL	5	41.	Torch, Cable Leads. See following pages for details.			
20.	T-11886	277284	Nozzle 100A MS/SS/AL, Air	5					
21.	T-11885	277293	Nozzle 150A MS/SS/AL, Air	5					
22.	T-11884	277289	Nozzle 200A MS/SS/AL, Air	5					

\* FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

-PRO SILVER PRO TECHNOLOGY INCREASES ELECTRODE LIFETIME SIGNIFICANTLY COMPARED TO STANDARD COPPER ELECTRODES

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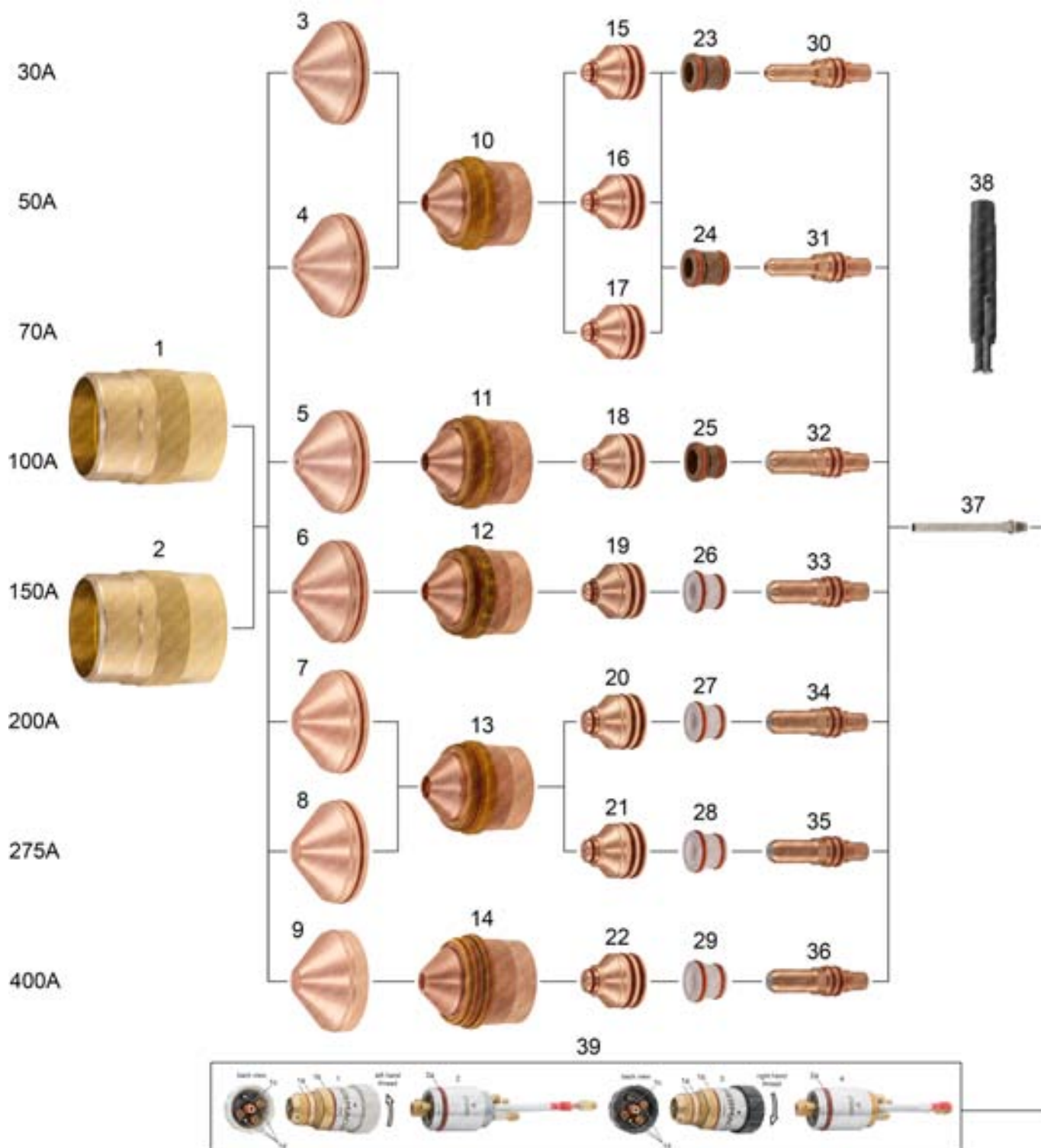
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 ALUMINIUM



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

SPIRIT® 150a, 200a, 275a, 400a, ProLine™ 2150, 2200, 2260 ALUMINIUM



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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11909	284150	Outer Retaining Cap 30-400A	1	21.	T-12056	277276	Nozzle 275A SS/AL	5
2.	T-11892	277154	Outer Retaining Cap 30-275A	1	22.	T-12058	284158	Nozzle 400A AL	5
3.	T-12034	277145	Shield Cap 30A MS/AL	1	23.	T-12033	277140	Swirl Ring 30A MS/SS/AL, H17	5
4.	T-11901	277150	Shield Cap 50/70A MS/SS/AL	1	24.	T-11894	277142	Swirl Ring 50/70A MS/SS/AL	5
5.	T-11898	277286	Shield Cap 100A MS/SS/AL, Air	1	25.	T-11893	277283	Swirl Ring 100A MS/SS/AL	5
6.	T-11907	277117	Shield Cap 150A MS/SS/AL	1	*26.	T-11897	277139-UR	Swirl Ring 150A MS/SS/AL	5
7.	T-11899	277274	Shield Cap 200A MS/SS/AL	1	*27.	T-11896	277143-UR	Swirl Ring 200A MS/SS/AL	5
8.	T-11900	277263	Shield Cap 275A MS/SS/AL	1	*28.	T-11895	277258-UR	Swirl Ring 275A MS/SS/AL	5
9.	T-12051	284155	Shield Cap 400A SS/AL	1	*29.	T-12036	284122-UR	Swirl Ring 400A MS/SS/AL	5
10.	T-11891	277153	Inner Retaining Cap 30-70A MS/SS/AL	1	30.	T-12032	277130	Electrode 30A MS/AL	1
11.	T-11908	277151	Inner Retaining Cap 100A MS/SS/AL	1	31.	T-11906	277131	Electrode 50/70A MS/SS/AL	5
12.	T-11890	277152	Inner Retaining Cap 150A MS/SS/AL	1	32.	T-11902	277282-PRO	Electrode 100A MS/SS/AL, Silver PRO	5
13.	T-11889	277266	Inner Retaining Cap 200/275A MS/SS/AL	1	33.	T-11904	277292-PRO	Electrode 150A MS/SS/AL, Silver PRO	5
14.	T-12053	284156	Inner Retaining Cap 400A SS/AL	1	34.	T-11903	277291-PRO	Electrode 200A MS/SS/AL, Silver PRO	5
15.	T-12030	277120	Nozzle 30A MS/AL	5	35.	T-11905	277270-PRO	Electrode 275A MS/SS/AL, Silver PRO	5
16.	T-12031	277122	Nozzle 50A MS/AL	5	36.	T-12061	284159	Electrode 400A SS/AL	1
17.	T-11887	277125	Nozzle 70A MS/SS/AL	5	37.	T-11944	277007	Cooling Tube	1
18.	T-11886	277284	Nozzle 100A MS/SS/AL, Air	5	38.	T-11322	12.40320	Wrench for Swirl Ring 150-400A	1
19.	T-11885	277293	Nozzle 150A MS/SS/AL, Air	5	39.	Torch, Cable Leads. See following pages for details.			
20.	T-11884	277289	Nozzle 200A MS/SS/AL, Air	5					

\* FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

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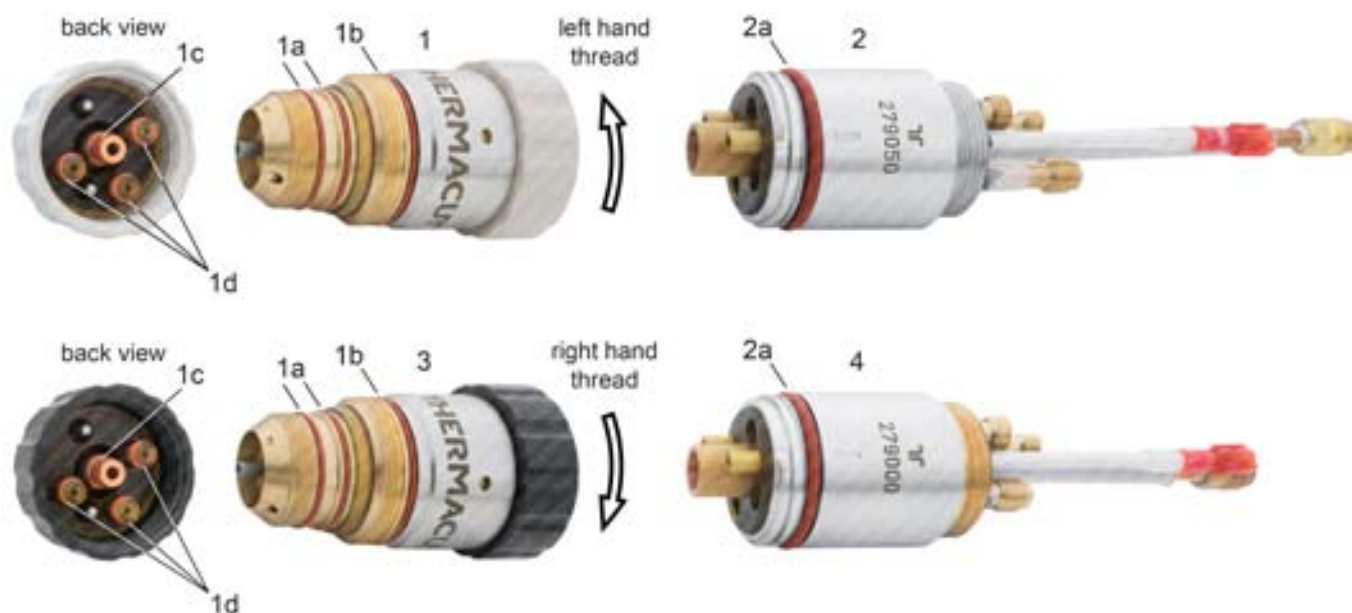
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KALIBURN®  
SPIRIT®, ProLine™  
TORCHES AND CABLE LEADS**



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-12182	279150	Torch Body, Spirit 150-275A	1	2a.	N-21421	N-21421	O-Ring	1
1a.	N-10092	N-10092	2x O-Ring	1	3.	T-13082	279100	Torch Body, Spirit 400A	1
1b.	N-21467	N-21467	O-Ring	1	4.	T-13083	279000	Torch Base, Spirit 400A	1
1c.	N-21415	N-21415	O-Ring	1					
1d.	N-10055	N-10055	6x O-Ring	1					
2.	T-12185	279050	Torch Base, Spirit 150-275A	1					

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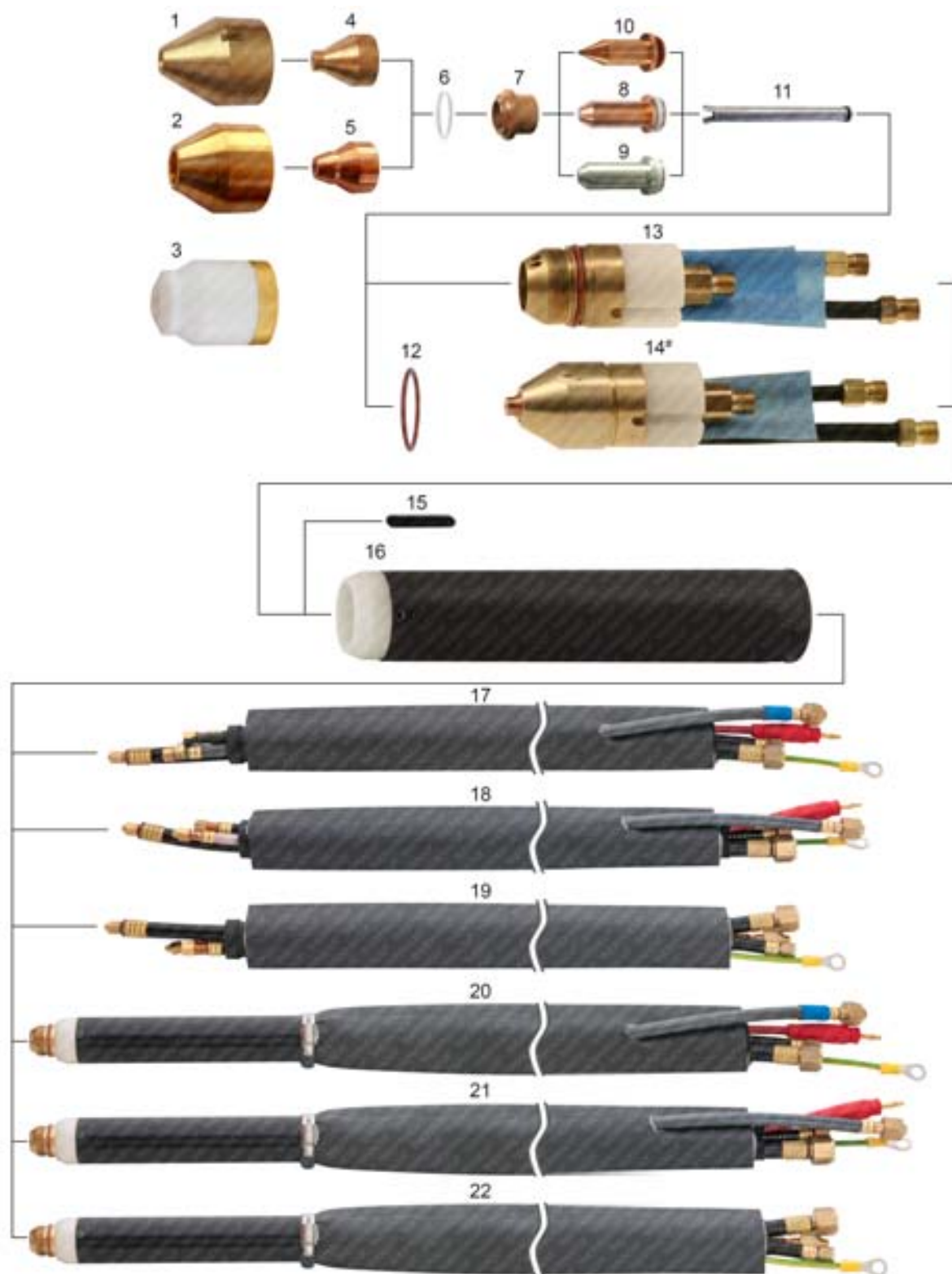
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

PA-S20W™, PA-S25W™, PA-S40W™, PA-S45W™, PA-S70W™  
PB-S45W™



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
PA-S20W™, PA-S25W™, PA-S40W™, PA-S45W™, PA-S70W™  
PB-S45W™**

Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std.Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std.Pkg.
1.	T-8609	11.828.201.151		Nose Cap 6.0	1	15.	PT-12482	11.828.201.250-3		Tube Pin	1
2.	T-8617	11.830.301.151		Nose Cap 9.6	1	16.	T-8610	11.828.201.250		Tube Complete, incl. pos. 15	1
3.	T-10040	11.828.101.160		Protection Cap, Hand	1	17.	KT-1068	11.832.521.701		Cable Leads 10m PB-S45W-1/O <sub>2</sub>	1
4.	T-8612	11.828.201.413	Ld	Nozzle 1.3mm 90A, Air	5		KT-1449	K.PB-S45W-1O2.15M.K		Cable Leads 15m PB-S45W-1/O <sub>2</sub>	1
	T-8613	11.828.201.414	Le	Nozzle 1.4mm 120A, Air	10	18.	KT-1468	11.832.501.701		Cable Leads 10m PB-S45W-1/L	1
5.	T-8614	11.828.203.410	Lle	Nozzle 1.0mm 45A, Lle, Air	10		KT-1373	K.PB-S45W-1L.15M.K		Cable Leads 15m PB-S45W-1/L	1
	T-8615	11.828.203.413	Lde	Nozzle 1.3mm 90A, Lde, Air	10		KT-1516	K.PB-S45W-1L.17M.K		Cable Leads 18m PB-S45W-1/L	1
	T-8616	11.828.203.414	Lee	Nozzle 1.4mm 130A, Lee, Air	10	19.	KT-1473	11.831.601.700		Cable Leads 6m PB-S45WH/L	1
	T-8736	11.828.213.613	Ade	Nozzle 1.3mm 80A, ArH2	10		KT-1296	11.832.401.701		Cable Leads 10m PB-S45W/L	1
	T-8737	11.828.213.614	Aee	Nozzle 1.4mm 100A, ArH2	5		KT-1322	K.PB-S45W-1L.15M.K		Cable Leads 15m PB-S45W/L	1
	T-8738	11.828.213.616	Afe	Nozzle 1.6mm 130A, ArH2	5	20.	KT-1208	11.832.521.006		Torch with Leads 6m PB-S45W-1/O <sub>2</sub>	1
	T-8620	11.834.321.410	Lle-XL	Nozzle 1.0mm 45A, O <sub>2</sub>	10		KT-1255	11.832.521.010		Torch with Leads 10m PB-S45W-1/O <sub>2</sub>	1
	T-8621	11.834.321.413	Lde-XL	Nozzle 1.3mm 90A, O <sub>2</sub>	10		KT-1490	K.PB-S45W-1L-O2.15M		Torch with Leads 15m PB-S45W-1/O <sub>2</sub>	1
	T-8622	11.834.321.414	Lee-XL	Nozzle 1.4mm 130A, O <sub>2</sub>	10	21.	KT-1230	11.832.501.1015		Torch with Leads 1.5m PB-S45W-1/L	1
6.	T-8601	10.575.036		O-Ring	1		KT-1413	11.832.501.006		Torch with Leads 6m PB-S45W-1/L	1
7.	T-8604	11.828.001.153	Z111	Swirl Ring	1		KT-1254	11.832.501.010		Torch with Leads 10m PB-S45W-1/L	1
	T-10794	11.828.001.153K	Z111	Swirl Ring, Ceramic	1		KT-1272	K.PB-S45W-1L.15M		Torch with Leads 15m PB-S45W-1/L	1
8.	T-8605	11.828.001.3001	Kb	Cathode	5	22.	KT-1402	11.832.401.006		Torch with Leads 6m PB-S45W/L	1
9.	T-4921	11.834.321.3001-AG		Cathode, SilverEX-®	5		KT-1116	11.832.401.010		Torch with Leads 10m PB-S45W/L	1
10.	T-8735	11.828.211.5001	Ka	Cathode, ArH2 (i)	5		KT-1054	K.PB-S45W-L.15M		Torch with Leads 15m PB-S45W/L	1
11.	T-8603	11.828.001.152		Cooling Tube	1		KT-1356	K.PB-S45W-L.20M		Torch with Leads 20m PB-S45W/L	1
12.	T-8602	10.575.052		O-Ring	1	NS	KT-1417	K.PB-S45W-1L-O2.20M		Torch with Leads 20m PB-S45W-L-1/O <sub>2</sub>	1
13.	T-8926	11.828.301.100		Torch Body, Machine	1		Different types of cable leads available on request				
#14.	T-8607#	11.828.201.100		Complete Torch, Machine	1						
NS	T-8710	11.828.001.820 OEM		Cathode Tool	1						
NS	T-11572	11.828.001.810 OEM		Nose Cap Tool	1						

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# INCLUDING PARTS: TORCH 11.828.301.100, ELECTRODE 11.828.001.3001, SWIRL RING 11.828.001.153, O-RING 10.575.036, NOZZLE 11.828.203.413, NOSE CAP 11.830.301.151

NS NOT SHOWN IN THE PICTURE

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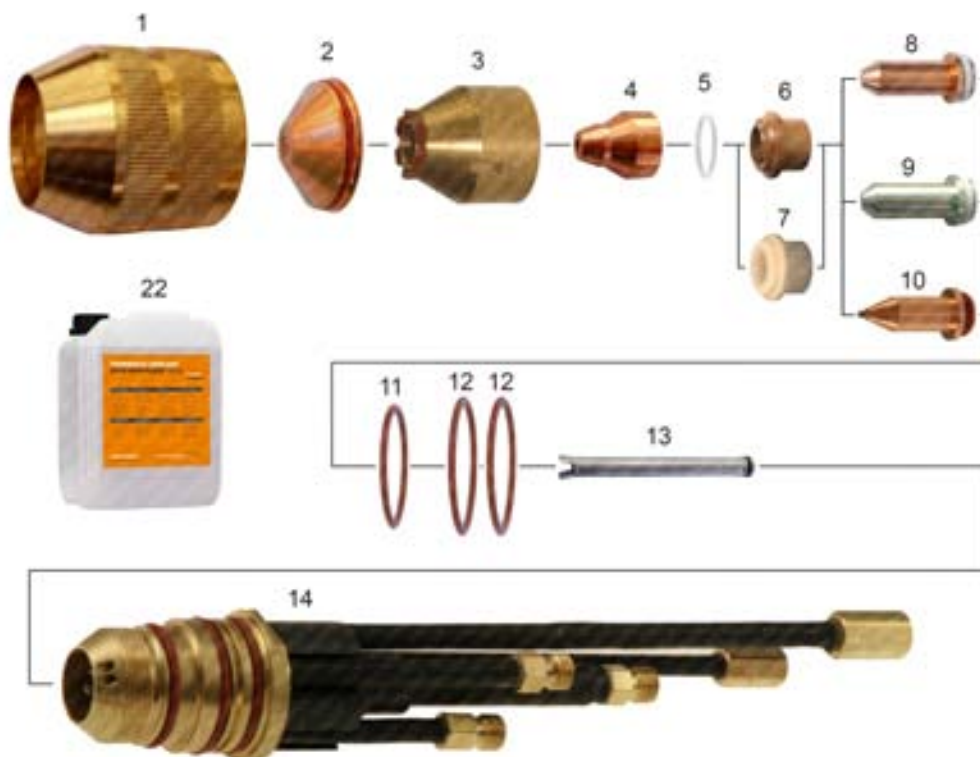
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
FineFocus® 450  
PB-S47™ W - 1 / O<sub>2</sub>**



1:3



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**KJELLBERG®**  
**FineFocus® 450**  
**PB-S47™ W - 1 / O<sub>2</sub>**

Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std.Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std.Pkg.
1.	T-8641	11.832.201.081	W501	Protection Cap	1	10.	T-8735	11.828.211.5001	Ka	Cathode, ArH2 (i)	5
2.	T-8642	11.832.201.1561	W4130	Swirl Gas Cup 3.0	10	11.	T-8602	10.575.052		O-Ring	1
	T-8643	11.832.201.1571	W4140	Swirl Gas Cup 4.0	10	12.	T-8647	10.505.915		O-Ring	1
3.	T-8644	11.832.201.160	W3030	Nozzle Cap	1	13.	PT-10232	11.832.201.152	W901	Cooling Tube	1
4.	T-8614	11.828.203.410	Lle	Nozzle 1.0mm 45A, Lle, Air	10	14.	T-8649	11.832.221.100		Torch Body, Machine	1
	T-8615	11.828.203.413	Lde	Nozzle 1.3mm 90A, Lde, Air	10	15.	T-8648	10.505.948		O-Ring	1
	T-8616	11.828.203.414	Lee	Nozzle 1.4mm 130A, Lee, Air	10	16.	T-10193	11.832.221.100-10		Tube Adaptor	1
	T-8620	11.834.321.410	Lle-XL	Nozzle 1.0mm 45A, O <sub>2</sub>	10	17.	T-10925	11.832.201.077		Clamping Bush	1
	T-8621	11.834.321.413	Lde-XL	Nozzle 1.3mm 90A, O <sub>2</sub>	10	18.	T-10924	11.832.201.076		Outer Bush	1
	T-8622	11.834.321.414	Lee-XL	Nozzle 1.4mm 130A, O <sub>2</sub>	10	19.	T-10772	11.834.321.250		Tube PB-S47W™	1
	T-8736	11.828.213.613	Ade	Nozzle 1.3mm 80A, ArH2	10	20.	KT-1155	11.834.721.1015		Torch with Leads 1.5m 2/O <sub>2</sub>	1
	T-8737	11.828.213.614	Aee	Nozzle 1.4mm 100A, ArH2	5	21.	KT-1056	11.834.321.006		Torch with Leads 6m 1/O <sub>2</sub>	1
	T-8738	11.828.213.616	Afe	Nozzle 1.6mm 130A, ArH2	5		KT-1422	11.834.321.010		Torch with Leads 10m 1/O <sub>2</sub>	1
5.	T-8601	10.575.036		O-Ring	1		KT-1102	11.834.321.015		Torch with Leads 15m 1/O <sub>2</sub>	1
6.	T-8618	11.834.321.153	Z111	Swirl Ring	1		KT-1127	K.PB-S47W.20M		Torch with Leads 20m 1/O <sub>2</sub>	1
7.	T-9287	11.834.321.153K	Z111	Swirl Ring, Ceramic	1	NS	KT-1470	11.834.321.701A		PB-S47W™ Cable Leads 15m 1/O <sub>2</sub>	1
8.	T-8619	11.834.321.3001	Kb-XL	Cathode	5	22.	Coolant Liquid. Details on the page 150, section Accessories.				
9.	T-4921	11.834.321.3001-AG	Kb-XL	Cathode, SilverEX-®	5						

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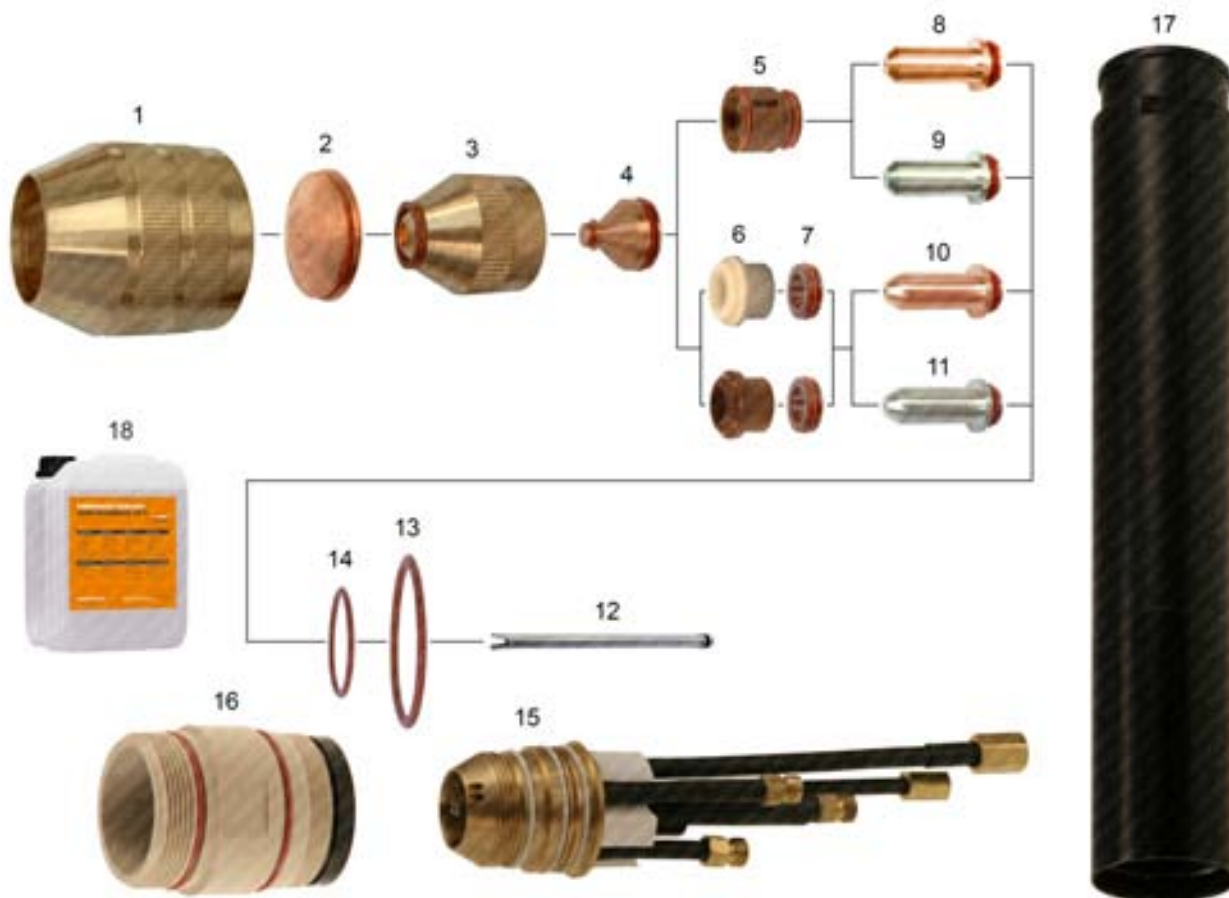
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 100  
PerCut® 100, PerCut® 101**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**KJELLBERG®**  
**HiFocus® 100**  
**PerCut® 100, PerCut® 101**

Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-8630	11.835.201.081	Z501	Protection Cap	1	7.	T-8655	11.835.421.303	Z111A	Spacer	2
2.	T-8631	11.835.201.1561	Z4015	Swirl Gas Cap 1.5	10	8.	T-8624	11.835.221.3101	Z002Cu	Cathode, XL, O <sub>2</sub> , Copper (i)	5
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	10	9.	T-4922	11.835.221.3101-AG	Z002	Cathode, XL, O <sub>2</sub> , SilverEX-®	5
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	10	10.	T-8653	11.835.421.3101-PRO	Z012Cu	Cathode, XL, O <sub>2</sub> , Silver PRO	5
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	10	11.	T-4923	11.835.421.3101-AG	Z012	Cathode, XL, O <sub>2</sub> , SilverEX-®	5
	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	10	NS	T-10196	11.835.211.5101 OEM	Z042	Cathode, HiFinox™	5
	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	10	NS	T-10053	11.835.411.5101 OEM	Z052	Cathode, HiFinox™	5
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	10	12.	T-8638	11.835.201.152	Z901	Cooling Tube	1
	T-10154	11.835.411.1590	Z4545	Swirl Gas Cap 4.5	1	13.	T-8640	10.505.946		O-Ring	1
3.	T-8635	11.835.201.160	Z3004	Nozzle Cap 0.4	1	14.	N-10040	10.505.916		O-Ring	1
	T-8636	11.835.201.162	Z3008	Nozzle Cap 0.8	1	15.	T-8654	11.835.221.100		Torch Body, Machine	1
4.	T-8625	11.835.221.406	Z2006	Nozzle 0.6 25A	5	16.	T-10282	11.842.221.100-10		Tube Adaptor	1
	T-8626	11.835.221.407	Z2007	Nozzle 0.7 35A	10	17.	T-9857	11.842.421.250		Tube D44-295	1
	T-8627	11.835.221.408	Z2008	Nozzle 0.8 50/60A	10	NS	T-10164	11.843.001.810 OEM		Nozzle Tool	1
	T-8628	11.835.221.410	Z2010	Nozzle 1.0 80/90A	10	NS	T-10163	11.835.221.820 OEM		Cathode Tool	1
	T-8929	11.835.221.411	Z2011	Nozzle 1.1 90/100A	10	NS	T-9755	11.835.201.077		Clamping Bush	1
	T-8629	11.835.221.412	Z2012	Nozzle 1.2 100A	10	NS	T-9756	11.835.201.076		Outer Bush	1
	T-8637	11.835.221.414	Z2014	Nozzle 1.4 130A	10	NS	KT-1203	11.838.221.1015		PerCut® 101-2 Torch with Leads 1.75m	1
	T-8651	11.835.421.412	Z2112	Nozzle 1.2 100A	10	NS	KT-1185	11.838.421.700		PerCut® 101-1 Cable Leads 6m	1
	T-8652	11.835.421.414	Z2114	Nozzle 1.4 130A	10	NS	KT-1135	11.838.421.702		PerCut® 101-1 Cable Leads 15m	1
NS	T-10417	11.835.411.614 OEM	Z2514	Nozzle 1.4 120A	1	NS	KT-1410	11.838.221.103		PerCut® 101-2 Torch with Leads 3m	1
NS	T-10054	11.835.411.616 OEM	Z2516	Nozzle 1.6 130A	1						
5.	T-8623	11.835.221.153	Z101	Swirl Ring 0.4 (3×CW)	1						
	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2×CW)	1						
6.	T-9287	11.834.321.153K	Z111	Swirl Ring, Ceramic	1						
	T-8618	11.834.321.153	Z111	Swirl Ring, Vespel	1	18.	Coolant Liquid. Details on the page 150, section Accessories.				

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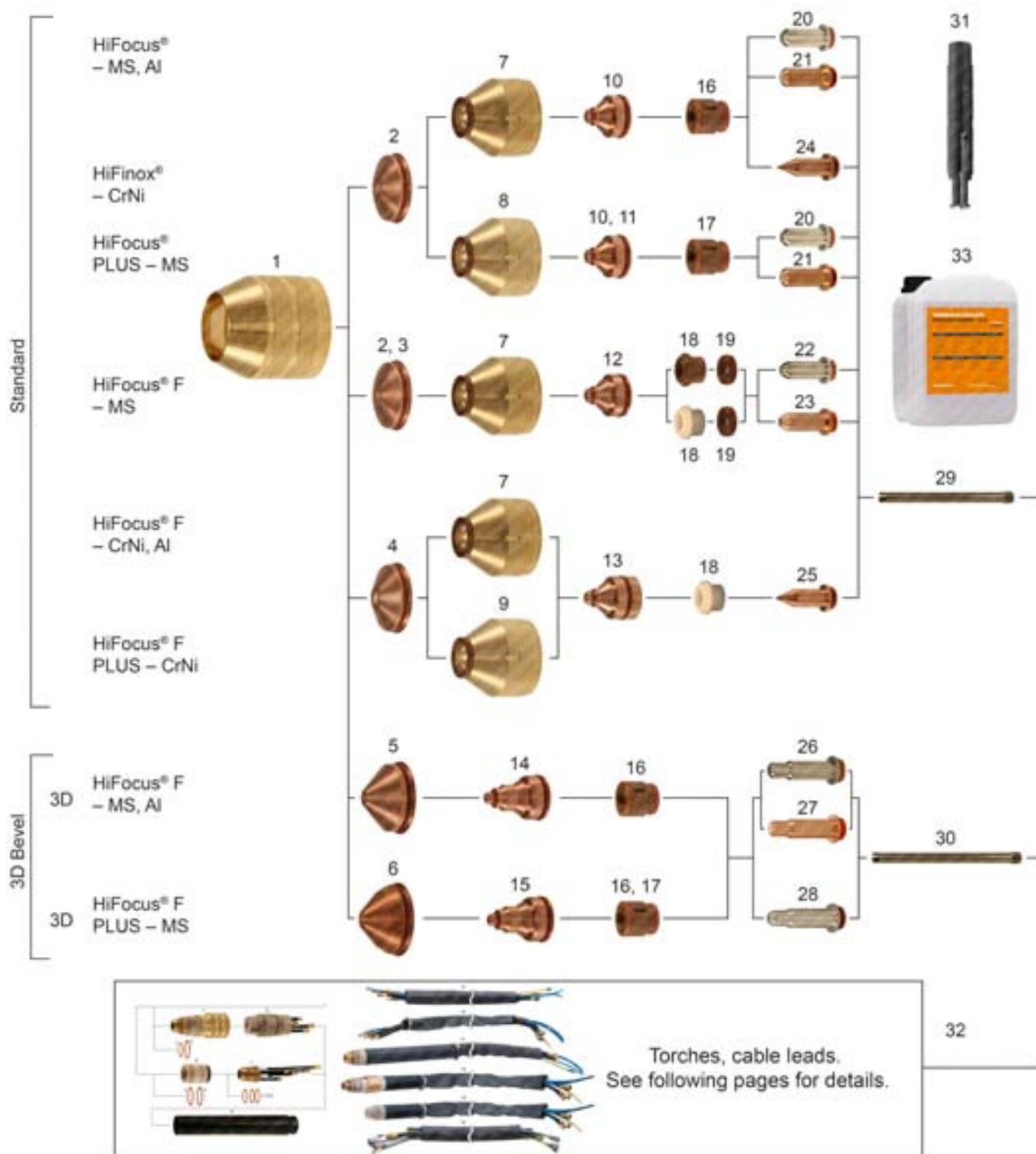
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170**



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KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170**



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Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-8630	11.835.201.081	Z501	Protection Cap	1		T-10007	11.843.021.416	S2016X	Nozzle 1.6 160A	10
2.	T-8631	11.835.201.1561	Z4015	Swirl Gas Cap 1.5	10	12.	T-10008	11.843.121.412	S2112X	Nozzle 1.2 100A	10
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	10		T-10009	11.843.121.414	S2114X	Nozzle 1.4 130A	10
	T-8885	11.835.201.1551	Z4022	Swirl Gas Cap 2.2	10		T-10010	11.843.121.416	S2116X	Nozzle 1.6 160A	10
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	10	13.	T-10011	11.843.111.614	S2514X	Nozzle 1.4 120A	5
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	10		T-9926	11.843.111.616	S2516X	Nozzle 1.6 140A	5
3.	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	10		T-9927	11.843.111.618	S2518X	Nozzle 1.8 160A	5
4.	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	10	14.	T-10272	11.842.621.407	R2007	Nozzle 0.7 35A (3D)	10
	T-10153	11.835.411.1580	Z4535	Swirl Gas Cap 3.5	1	15.	T-10252	11.842.621.408	R2008	Nozzle 0.8 50A (3D)	10
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	10		T-10273	11.842.621.409	R2009	Nozzle 0.9 70A (3D)	5
5.	T-10299	11.838.001.1561	Y4015	Swirl Gas Cap 1.5 (3D)	1		T-10274	11.842.621.410	R2010	Nozzle 1.0 80A (3D)	5
	T-10279	11.838.001.1571	Y4020	Swirl Gas Cap 2.0 (3D)	5		T-10275	11.842.621.411	R2011	Nozzle 1.1 90A (3D)	10
6.	T-10294	11.842.601.157	R4020	Swirl Gas Cap 2.0 (3D)	5		T-10276	11.842.621.412	R2012	Nozzle 1.2 100A (3D)	10
	T-10278	11.842.601.155	R4022	Swirl Gas Cap 2.2 (3D)	5		T-10277	11.842.621.414	R2014	Nozzle 1.4 130A (3D)	10
	T-10280	11.842.601.158	R4025	Swirl Gas Cap 2.5 (3D)	5	16.	T-8623	11.835.221.153	Z101	Swirl Ring 0.4 (3×CW)	1
	T-10303	11.842.701.158	R4130	Swirl Gas Cap 3.0 (3D)	5	17.	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2×CW)	1
	T-10302	11.842.701.159	R4140	Swirl Gas Cap 4.0 (3D)	5	18.	T-9287	11.834.321.153K	Z111	Swirl Ring, Ceramic	1
7.	T-8887	11.842.401.160	S3004	Nozzle Cap 0.4	1		T-8618	11.834.321.153	Z111	Swirl Ring, Vespel	1
	T-8888	11.842.401.162	S3008	Nozzle Cap 0.8	1	19.	T-8655	11.835.421.303	Z111A	Spacer	2
8.	T-8889	11.842.401.1622	S3028	Nozzle Cap 0.8	1	20.	T-4920	11.843.021.320-AG	S002Y	Cathode, SilverEX-®	5
	T-10208	11.842.401.1624	S3048	Nozzle Cap 0.8	1	21.	T-11204*	11.843.021.320-PRO	S002Y	Cathode, Silver PRO	5
9.	T-10328	11.842.401.1621	S3018	Nozzle Cap 0.8	1	22.	T-4924	11.843.121.310-AG	S012X	Cathode, SilverEX-®	5
NS	T-10249	11.842.601.160 OEM	R3004	Nozzle Cap 0.4	1	23.	T-11853*	11.843.121.310-PRO	S012X	Cathode, Silver PRO	5
NS	T-10298	11.842.601.162 OEM	R3008	Nozzle Cap 0.8	1	24.	T-9924	11.842.411.510	S042	Cathode, HiFinex™ (i)	5
NS	T-10250	11.842.601.1621 OEM	R3018	Nozzle Cap 0.8 (3D)	1	25.	T-9925	11.842.511.510	S052	Cathode, FineFocus® (i)	5
NS	T-10251	11.842.601.1622 OEM	R3028	Nozzle Cap 0.8 (3D)	1	26.	T-4931	11.842.621.310-AG	R002	Cathode, XL, O <sub>2</sub> , SilverEX-®	5
10.	T-10000	11.843.021.406	S2006X	Nozzle 0.6 25A	10	27.	T-11851	11.842.621.310-PRO	R002	Cathode, XL, O <sub>2</sub> , Silver PRO	5
	T-10001	11.843.021.407	S2007X	Nozzle 0.7 35A	10	28.	T-11839	11.842.721.310-AG	R012	Cathode, O <sub>2</sub> , SilverEX-®	5
11.	T-10002	11.843.021.408	S2008X	Nozzle 0.8 50/60A	10	29.	T-10207	11.842.401.152	S901	Cooling Tube	1
	T-10003	11.843.021.409	S2009X	Nozzle 0.9 70/80A	10	30.	T-11161	11.842.601.152	R901	Cooling Tube	1
	T-10004	11.843.021.410	S2010X	Nozzle 1.0 80/90A	10	31.	T-11322	12.40320		Wrench for Swirl Ring	1
	T-9699	11.843.021.411	S2011X	Nozzle 1.1 90/100A	10	32.	Torches, cable leads. See following pages for details.				
	T-10005	11.843.021.412	S2012X	Nozzle 1.2 100/130A	10	33.	Coolant Liquid. Details on the page 150, section Accessories.				
	T-10006	11.843.021.414	S2014X	Nozzle 1.4 130/160A	10						

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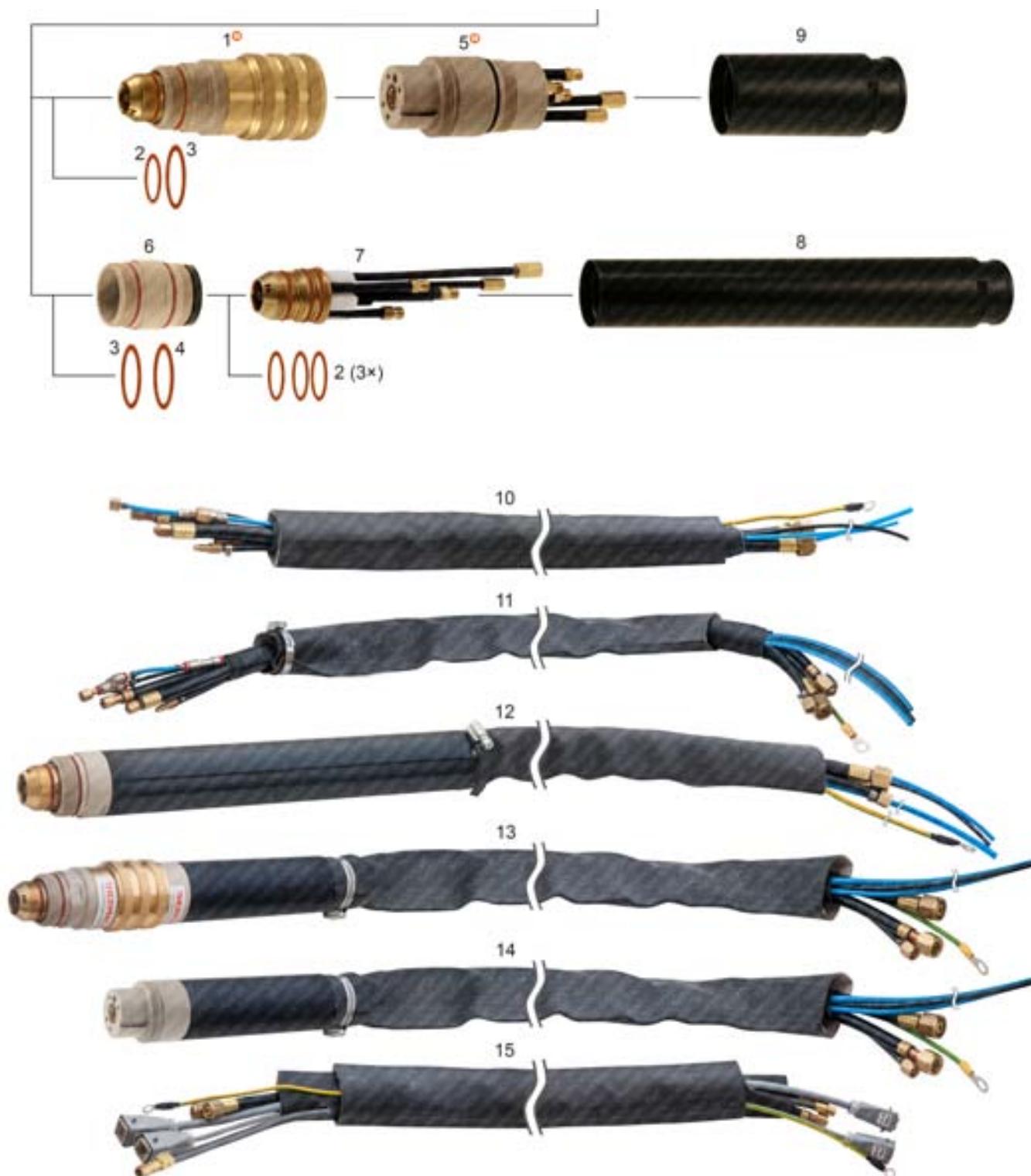
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170 TORCHES AND CABLE LEADS**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170 TORCHES AND CABLE LEADS**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
⊕ 1.	T-10174	⊕ 11.843.021.100-UR	PerCut® 170 Front Part	1	10.	KT-1179	11.842.421.700A	PerCut® 160-2 Cable Leads 1.75m	1
2.	N-12300	10.505.916	O-Ring	1	11.	KT-1220	K.PERCUT170-2.1,75M.K	PerCut® 170-2 Cable Leads 1.75m	1
3.	N-12301	10.505.946	O-Ring	1	12.	KT-1051	11.842.421.1015	PerCut® 160-2 Mach. Torch with Leads 1.75m	1
4.	N-18132	N-18132	O-Ring	1	13.	KT-1064	11.843.021.1015-UR	PerCut® 170-2-UR Mach. Torch w/ Leads 1.75m	1
⊕ 5.	T-10175	⊕ 11.822.583-UR	PerCut® 170 Adaptor	1		KT-1065	K.PERCUT170.3M	PerCut® 170-2-UR Mach. Torch with Leads 3m	1
6.	T-10282	11.842.221.100-10	Tube PerCut® 160	1		KT-1218	K.PERCUT170-2.6M	PerCut® 170-2-UR Mach. Torch with Leads 6m	1
7.	T-9933	11.842.221.100	Torch PerCut® 160	1	14.	KT-1265	K.PERCUT170-2.A	PerCut® 170 Adaptor with Leads 1.75m	1
8.	T-9857	11.842.421.250	Tube PerCut® 160	1	15.	KT-1381	11.825.710.1	PBL-H160 Lead Set, 10m	1
9.	T-10176	11.843.021.250	Tube PerCut® 170	1		KT-1308	11.825.715.1	PBL-H160 Lead Set, 15m	1
NS	T-9755	11.835.201.077	Clamping Bush	1	Different types of cable leads available on request				
NS	T-9756	11.835.201.076	Outer Bush	1					
NS	KT-1271	K.PERCUT160.1,5M	PerCut® 160-2 Mach. Torch with Leads 1.5m	1					

- ⊕ THERMACUT TORCH & ADAPTOR HAVE TO BE USED AS A SET, CONNECTORS ARE NOT COMPATIBLE WITH OEM CONNECTORS.
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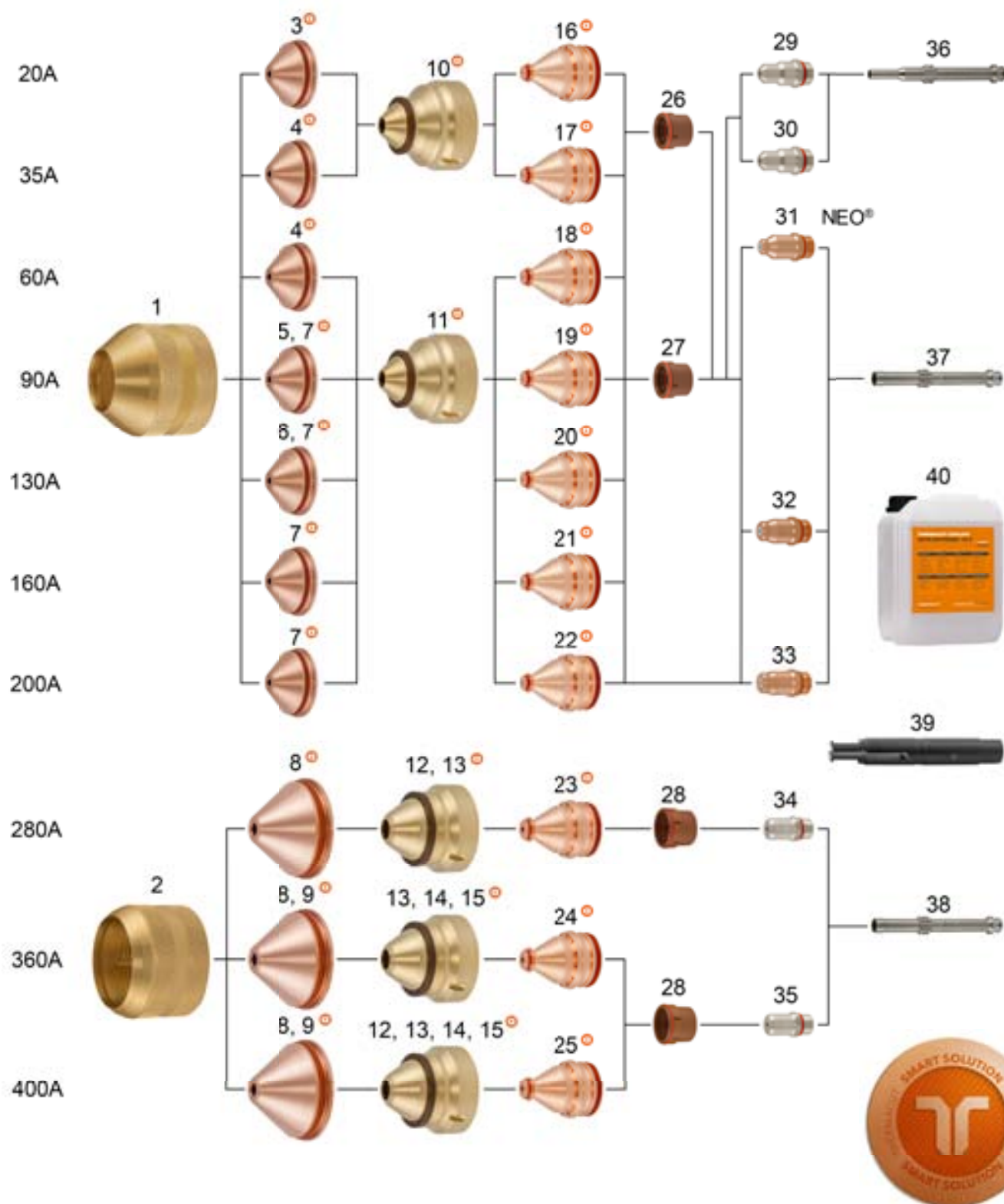
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 160i, HiFocus® 161i, HiFocus® 280i, HiFocus® 360i, HiFocus® 440i  
PerCut® 200 / 201 / 210 / 211 / 450M / 451M MILD STEEL



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 160i, HiFocus® 161i, HiFocus® 280i, HiFocus® 360i, HiFocus® 440i  
PerCut® 200 / 201 / 210 / 211 / 450M / 451M MILD STEEL

PRODUCT BROCHURE WITH DETAILS AT  
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Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-11221	11.848.201.081	G501	Protection Cap 20-200A	1	21.	T-11357	11.848.221.414-UR	G2014Y	Nozzle 1.4mm 160A	1
	T-12010	11.852.201.081	G502	P. Cap 20-200A, PerCut® 451M	1	22.	T-11358	11.848.221.416-UR	G2016Y	Nozzle 1.6mm 200A	1
2.	T-11227	11.848.401.081	G521	Protection Cap 280-400A	1		T-11835	11.848.221.417-UR	G2017Y	Nozzle 1.7mm 200A	1
	T-12011	11.852.401.081	G522	P. Cap 280-440A, PerCut® 451M	1	23.	T-11359	11.848.421.426-UR	G2326Y	Nozzle 2.6mm 280A	1
3.	T-11368	11.848.201.1515-UR	G4015	Swirl Gas Cap 20A	10	24.	T-11360	11.848.421.430-UR	G2330Y	Nozzle 3.0mm 360A	1
4.	T-11369	11.848.201.1520-UR	G4020	Swirl Gas Cap 35/60A	10	25.	T-11361	11.848.421.431-UR	G2331Y	Nozzle 3.1mm 400A	1
5.	T-11371	11.848.201.1525-UR	G4025	Swirl Gas Cap 90A	10	26.	T-11223	11.848.221.145	G101	Swirl Ring	1
6.	T-11370	11.848.201.1522-UR	G4022	Swirl Gas Cap 130A	10	27.	T-11224	11.848.221.146	G102	Swirl Ring	1
7.	T-11372	11.848.201.1530-UR	G4030	Swirl Gas Cap 90-200A	10	28.	T-11230	11.848.421.145	G121	Swirl Ring	1
	T-11968	11.848.201.1535-UR	G4035	Swirl Gas Cap 200A	10		T-11231	11.848.421.149	G125	Swirl Ring	1
	T-11969	11.848.201.1540-UR	G4040	Swirl Gas Cap 200A	10	29.	T-11225*	11.848.221.300-AG	G002Y	Cathode, SilverEX-®	5
8.	T-11373	11.848.401.1550-UR	G4350	Swirl Gas Cap 280-400A	1	30.	T-11226*	11.848.221.310-AG	G003Y	Cathode, SilverEX-®	5
9.	T-11374	11.848.401.1555-UR	G4355	Swirl Gas Cap 360-400A	1	31.	T-11858	11.848.231.320-PRO	G011Y	Cathode, Silver PRO	5
10.	T-11362	11.848.201.1604-UR	G3004	Retaining Cap 20-35A	1	32.	T-11859	11.848.231.350-PRO	G015Y	Cathode, Silver PRO	5
11.	T-11363	11.848.201.1628-UR	G3028	Retaining Cap 60-200A	1	33.	T-11860	11.848.231.360-PRO	G016Y	Cathode, Silver PRO	5
12.	T-11367	11.848.401.1649-UR	G3249	Retaining Cap 280/400A	1	34.	T-11232*	11.848.421.310-AG	G032Y	Cathode, SilverEX-®	5
13.	T-11365	11.848.401.1619-UR	G3219	Retaining Cap 280-400A	1	35.	T-11233*	11.848.421.330-AG	G034Y	Cathode, SilverEX-®	5
14.	T-11366	11.848.401.1629-UR	G3229	Retaining Cap 360/400A	1	36.	T-11222	11.848.201.142	G901Y	Cooling Tube 20-200A	1
15.	T-11364	11.848.401.1609-UR	G3209	Retaining Cap 360/400A	1	37.	T-11847	11.852.201.142	G902Y	Cooling Tube	1
16.	T-11352	11.848.221.406-UR	G2006Y	Nozzle 0.6mm 20A	1	38.	T-11228	11.848.401.142	G931Y	Cooling Tube 280-400A	1
17.	T-11353	11.848.221.407-UR	G2007Y	Nozzle 0.7mm 35A	1	39.	T-11322	12.40320		Wrench for Swirl Ring	1
18.	T-11354	11.848.221.408-UR	G2008Y	Nozzle 0.8mm 60A	1	40.	Coolant Liquid. Details on the page 150, section Accessories.				
19.	T-11355	11.848.221.410-UR	G2010Y	Nozzle 1.0mm 90A	1						
20.	T-11356	11.848.221.412-UR	G2012Y	Nozzle 1.2mm 130A	1						

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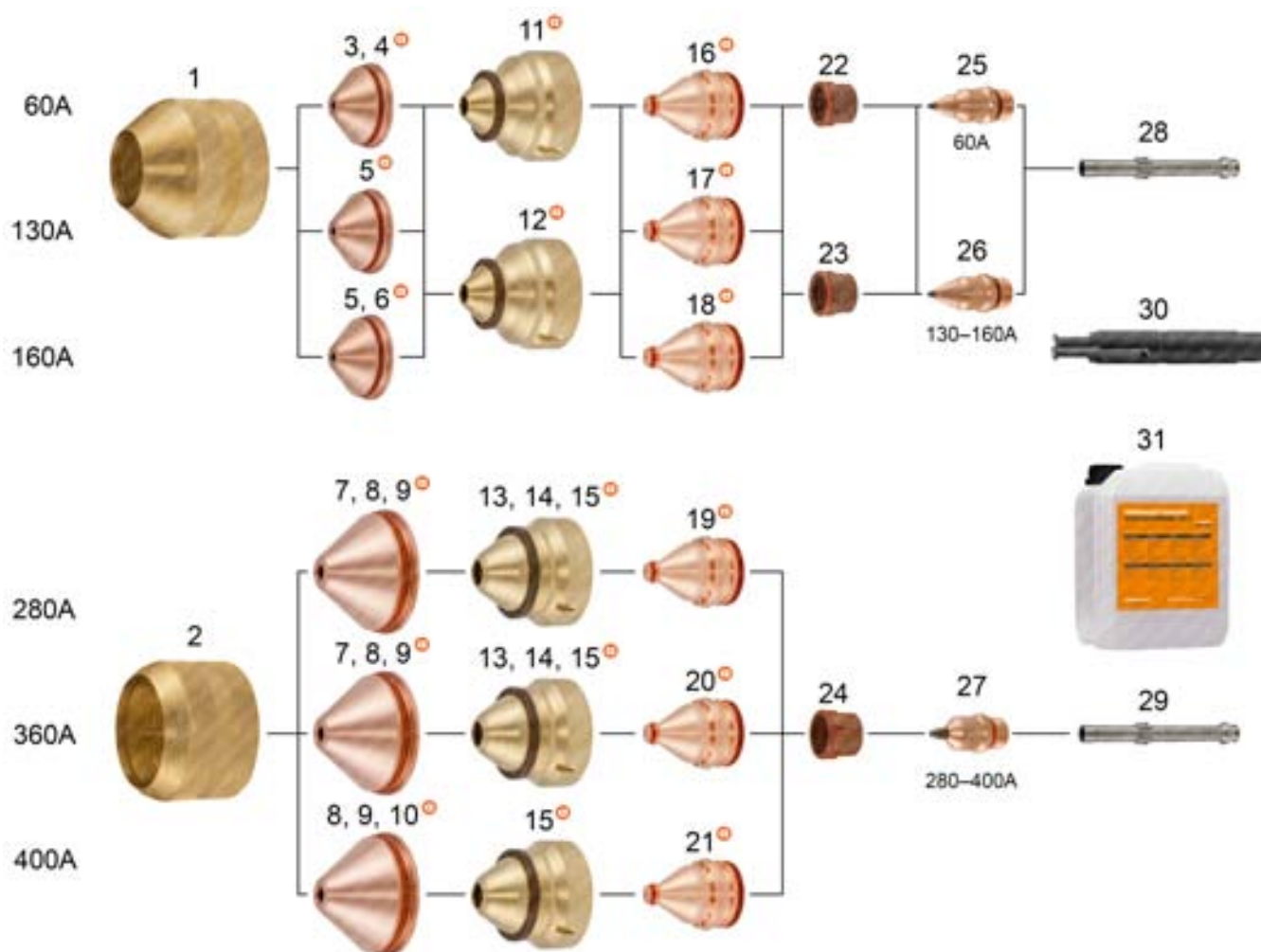
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 160i, HiFocus® 161i, HiFocus® 280i, HiFocus® 360i, HiFocus® 440i  
PerCut® 200 / 201 / 210 / 211 / 450M / 451M STAINLESS STEEL



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HiFocus® 160i, HiFocus® 161i, HiFocus® 280i, HiFocus® 360i, HiFocus® 440i  
PerCut® 200 / 201 / 210 / 211 / 450M / 451M STAINLESS STEEL

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Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-11221	11.848.201.081	G501	Protection Cap 60-160A	1	17.	T-12006	11.848.311.614-UR	G2514	Nozzle 1.4mm 130A (i)	1
2.	T-11227	11.848.401.081	G521	Protection Cap 280-440A	1	18.	T-12007	11.848.311.615-UR	G2515	Nozzle 1.5mm 160A (i)	1
3.	T-11370	11.848.201.1522-UR	G4022	Swirl Gas Cap 60A (1-5mm)	10	19.	T-11995	11.848.411.625-UR	G2725	Nozzle 2.5mm 280A (i)	1
4.	T-11371	11.848.201.1525-UR	G4025	Swirl Gas Cap 60A (6mm)	10	20.	T-12009	11.848.411.627-UR	G2727	Nozzle 2.7mm 360A (i)	1
5.	T-11372	11.848.201.1530-UR	G4030	Swirl Gas Cap 130/160A (5-20mm)	10	21.	T-12005	11.848.411.629-UR	G2729	Nozzle 2.9mm 440A (i)	1
6.	T-11968	11.848.201.1535-UR	G4035	Swirl Gas Cap 160A (12-15mm)	10	22.	T-11223	11.848.221.145	G101	Swirl Ring 60A	1
7.	T-12001	11.848.401.1535-UR	G4335	Swirl Gas Cap 280/360A (15-30mm)	1	23.	T-11998	11.848.221.149	G105	Swirl Ring 130/160A	1
8.	T-12003	11.848.401.1540-UR	G4340	Swirl Gas Cap 280-440A (20-40mm)	1	24.	T-11231	11.848.421.149	G125	Swirl Ring 280-440A	1
9.	T-12002	11.848.401.1545-UR	G4345	Swirl Gas Cap 280-440A (40-80mm)	1	25.	T-12000	11.848.211.510	G042	Cathode 60A (i)	5
10.	T-11373	11.848.401.1550-UR	G4350	Swirl Gas Cap 440A (80-120mm)	1	26.	T-11999	11.848.311.510	G052	Cathode 130/160A (i)	5
11.	T-11997	11.848.201.1608-UR	G3008	Retaining Cap 35-80A (1-10mm)	1	27.	T-12004	11.848.411.500	G071	Cathode 280-440A (i)	5
12.	T-11996	11.848.201.1618-UR	G3018	Retaining Cap 130/160A (5-20mm)	1	28.	T-12008	11.848.211.142	G941	Cooling Tube 60-160A	1
13.	T-11366	11.848.401.1629-UR	G3229	Retaining Cap 280/360A (15-20mm)	1	29.	T-11229	11.848.411.142	G971	Cooling Tube 280-440A	1
14.	T-11365	11.848.401.1619-UR	G3219	Retaining Cap 280/360A (20-30mm)	1	30.	T-11322	12.40320		Wrench for Swirl Ring	1
15.	T-11364	11.848.401.1609-UR	G3209	Retaining Cap 280/440A (40-120mm)	1	31.	Coolant Liquid. Details on the page 150, section Accessories.				
16.	T-11355	11.848.221.410-UR	G2010Y	Nozzle 1.0mm 60A (i)	1						

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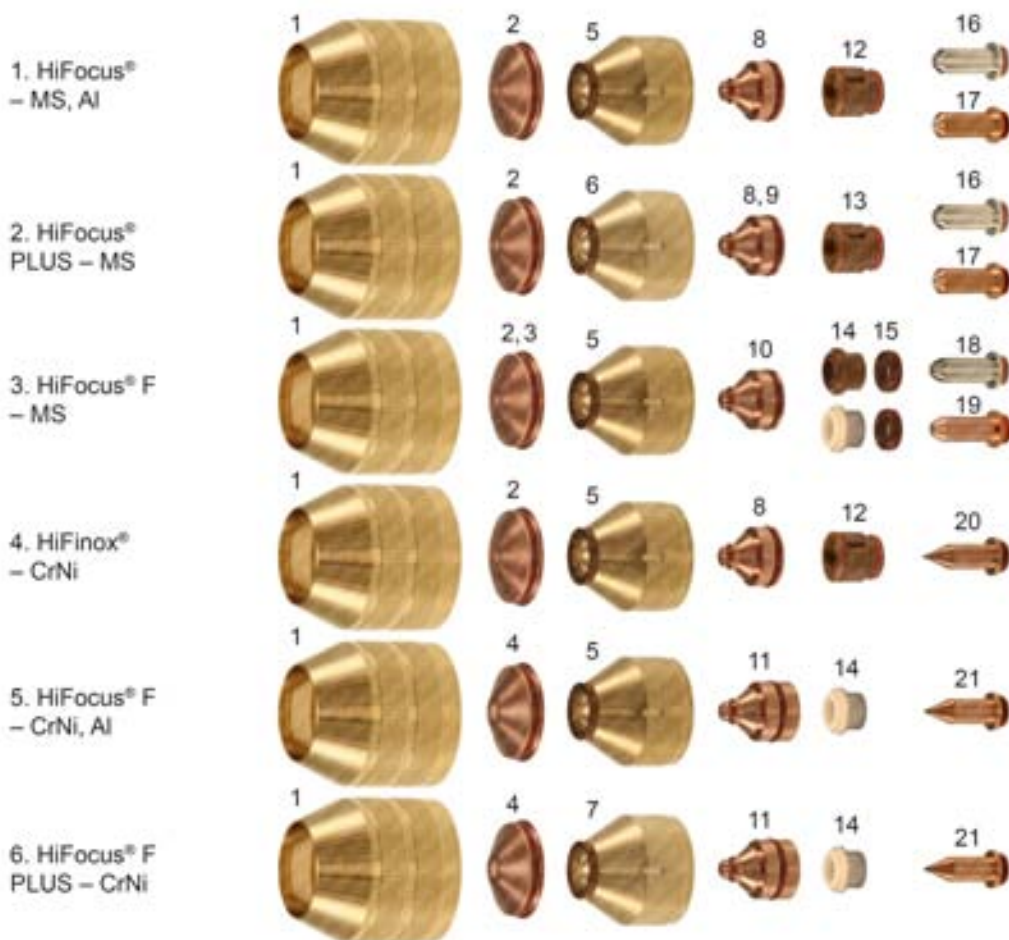
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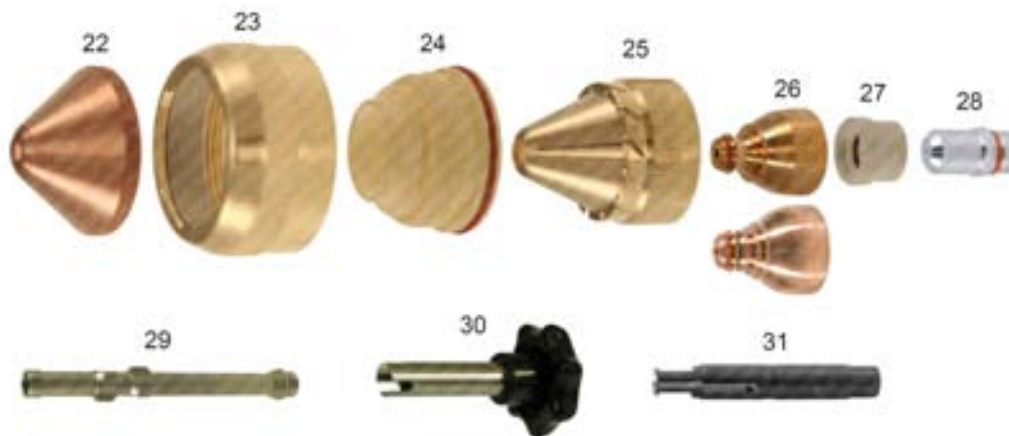
## THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 280 / HiFocus® 360, HiFocus® 440  
PerCut® 370.1, PerCut® 370.2

### REPLACEMENT PARTS SUITABLE FOR PerCut® 370.1



### REPLACEMENT PARTS SUITABLE FOR PerCut® 370.2



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 280 / HiFocus® 360, HiFocus® 440  
PerCut® 370.1, PerCut® 370.2

## REPLACEMENT PARTS SUITABLE FOR PerCut® 370.1

Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-8630	11.835.201.081	Z501	Protection Cap	1		T-10006	11.843.021.414	S2014X	Nozzle 1.4 130/160A	10
2.	T-8631	11.835.201.1561	Z4015	Swirl Gas Cap 1.5	10		T-10007	11.843.021.416	S2016X	Nozzle 1.6 160A	10
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	10	10.	T-10008	11.843.121.412	S2112X	Nozzle 1.2 100A	10
	T-8885	11.835.201.1551	Z4022	Swirl Gas Cap 2.2	10		T-10009	11.843.121.414	S2114X	Nozzle 1.4 130A	10
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	10		T-10010	11.843.121.416	S2116X	Nozzle 1.6 160A	10
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	10	11.	T-10011	11.843.111.614	S2514X	Nozzle 1.4 120A	5
3.	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	10		T-9926	11.843.111.616	S2516X	Nozzle 1.6 140A	5
4.	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	10		T-9927	11.843.111.618	S2518X	Nozzle 1.8 160A	5
	T-10153	11.835.411.1580	Z4535	Swirl Gas Cap 3.5	1	12.	T-8623	11.835.221.153	Z101	Swirl Ring 0.4 (3×CW)	1
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	10	13.	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2×CW)	1
5.	T-8887	11.842.401.160	S3004	Nozzle Cap 0.4	1	14.	T-9287	11.834.321.153K	Z111	Swirl Ring, Ceramic	1
	T-8888	11.842.401.162	S3008	Nozzle Cap 0.8	1		T-8618	11.834.321.153	Z111	Swirl Ring, Vespel	1
6.	T-8889	11.842.401.1622	S3028	Nozzle Cap 0.8	1		T-10380	11.834.321.153 OEM	Z111	Swirl Ring	1
	T-10208	11.842.401.1624	S3048	Nozzle Cap 0.8	1	15.	T-8655	11.835.421.303	Z111A	Spacer	2
7.	T-10328	11.842.401.1621	S3018	Nozzle Cap 0.8	1	16.	T-4920	11.843.021.320-AG	S002Y	Cathode, SilverEX-®	5
8.	T-10000	11.843.021.406	S2006X	Nozzle 0.6 25A	10	17.	T-11204**	11.843.021.320-PRO	S002Y	Cathode, Silver PRO	5
	T-10001	11.843.021.407	S2007X	Nozzle 0.7 35A	10	18.	T-4924	11.843.121.310-AG	S012X	Cathode, SilverEX-®	5
9.	T-10002	11.843.021.408	S2008X	Nozzle 0.8 50/60A	10	19.	T-11853**	11.843.121.310-PRO	S012X	Cathode, Silver PRO	5
	T-10003	11.843.021.409	S2009X	Nozzle 0.9 70/80A	10	20.	T-9924	11.842.411.510	S042	Cathode, HiFinox™ (i)	5
	T-10004	11.843.021.410	S2010X	Nozzle 1.0 80/90A	10	21.	T-9925	11.842.511.510	S052	Cathode, FineFocus® (i)	5
	T-9699	11.843.021.411	S2011X	Nozzle 1.1 90/100A	10	31.	T-11322	12.40320		Wrench for Swirl Ring	1
	T-10005	11.843.021.412	S2012X	Nozzle 1.2 100/130A	10						

## REPLACEMENT PARTS SUITABLE FOR PerCut® 370.2

Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
22.	T-10591	11.833.101.1550	V4330	Swirl Gas Cap 3.0	1		T-10562	11.846.921.427	T2127Y	Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427 (i)	10
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-10563	11.846.921.430	T2130Y	Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430 (i)	10
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-10927**	11.846.921.415-UR	T2115Y	Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415	10
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10928**	11.846.921.420-UR	T2120Y	Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420	10
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-10929**	11.846.921.425-UR	T2125Y	Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425	10
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1		T-10930**	11.846.921.427-UR	T2127Y	Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427	10
NS	T-11810	11.833.111.159	V4560	Swirl Gas Cap 6.0	1		T-10931**	11.846.921.430-UR	T2130Y	Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430	10
23.	T-10470	11.841.721.081	T502	Protection Cap PerCut® 370.2	1	27.	T-10466	11.836.921.1542	T104	Swirl Ring (3×0.4 CW)	1
24.	N-18267	11.836.921.271	T522	Insulator PerCut® 370.2	1		T-10366	11.836.921.153 OEM	T101	Swirl Ring (6×0.8 CW)	1
24a.	N-18371	N-18371		O-Ring	1		T-10672	11.836.921.153	T101	Swirl Ring (6×0.8 CW)	1
25.	T-10214	11.836.901.163	T3030	Nozzle Cap (12×1.5 30° CW)	1		T-10464	11.836.921.154	T102	Swirl Ring (3×0.8 CW)	5
	T-10215	11.836.901.164	T3045	Nozzle Cap (12×1.5 45° CW)	1		T-10465	11.836.921.1541	T112	Swirl Ring (3×0.8 CCW)	5
	T-10217	11.836.901.1641	T3145	Nozzle Cap (12×1.5 45° CCW)	1		TN-0004	11.836.921.153	T101	Swirl Ring (6×0.8 CW)	1
	T-10216	11.836.901.165	T3060	Nozzle Cap (12×1.5 60° CW)	1	*28.	T-10804*	11.844.921.300-AG	T012Y	Cathode, SilverEX-®	5
26.	T-10559	11.846.921.415	T2115Y	Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415 (i)	10	*29.	T-10558*	11.844.901.152	T902Y	Cooling Tube	1
	T-10560	11.846.921.420	T2120Y	Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420 (i)	10	30.	T-10564	12.38180		Wrench for Cooling Tube	1
	T-10561	11.846.921.425	T2125Y	Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425 (i)	10	31.	T-11322	12.40320		Wrench for Swirl Ring	1

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\*\* A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS

CCW COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

-PRO TECHNOLOGY OF SILVER INSERTED COPPER ELECTRODE BODY, WHICH SIGNIFICANTLY DECREASES ELECTRODE COSTS WITH SIMILAR WORK PERFORMANCE COMPARED TO FULL SILVER ELECTRODES.

**Last update of this page: 12/05/2020. See Revision history for details.**

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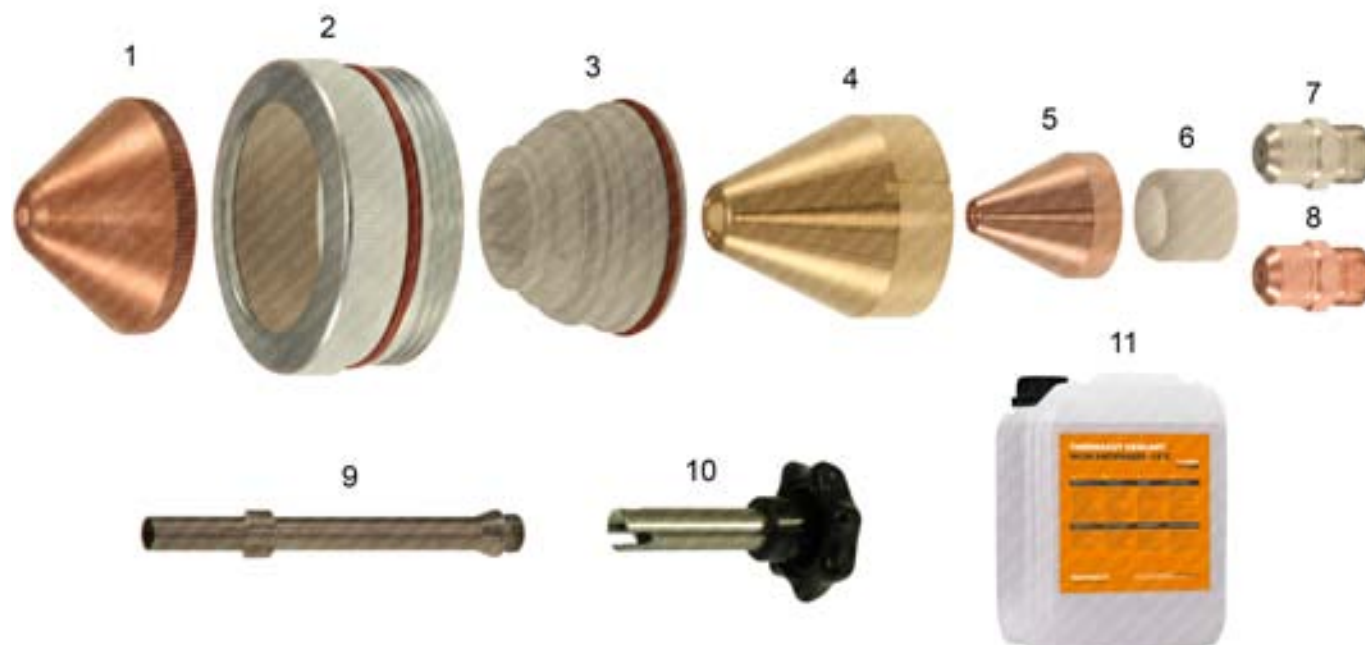
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

FineFocus® 800 / FineFocus® 900

PA-S75™/PB-S75™/PB-S76™/PB-S77™



Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-10591	11.833.101.1550	V4330	Swirl Gas Cap 3.0	1	5.	T-8927	11.828.901.420	L1 XL	Nozzle 160A, Air/O <sub>2</sub>	10
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-11301	11.828.901.425	L2 XL	Nozzle 250A, Air/O <sub>2</sub>	10
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-10247	11.828.901.427	L4XL	Nozzle 300A, Air/O <sub>2</sub>	5
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10588	12.40850	L2	Nozzle 250A PB-S75™ WH	5
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-11569	12.43050 OEM	L1	Nozzle 160A PB-S75™ WH	1
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1	6.	T-10369	12.40860		Swirl Ring, Air/O <sub>2</sub> , PB-S75™	5
2.	T-10357	11.833.101.261 OEM	V501	Protection Cap PB-S76™/PB-S77™	1	7.	T-4932	11.828.921.300-AG	K2-XL	Cathode, O <sub>2</sub> /Air, SilverEX-®, PB-S76™, PB-S75™	5
NS	T-10361	11.828.401.265 OEM		Protection Cap PB-S76™/PB-S77™	1		T-4933	11.833.121.300-AG	K3-XL	Cathode, O <sub>2</sub> /Air, SilverEX-®, PB-S77™	5
3.	N-18266	11.836.901.271	T521	Insulator	1	8.	T-10225	12.40870	K2	Cathode, O <sub>2</sub> /Air, PB-S75™ WH	10
3a.	N-18371	N-18371		O-Ring	1	9.	T-10371	12.51440 OEM		Cooling Tube PB-S75™	1
NS	T-10364	11.828.401.275 OEM		PTFE Cover PB-S76™/PB-S77™	1	10.	T-10564	12.38180		Wrench for Cooling Tube	1
4.	T-10219	12.37790		Nozzle Cap PB-S75™	1	11.	Coolant Liquid. Details on the page 150, section Accessories.				

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Last update of this page: 18/05/2017. See Revision history for details.

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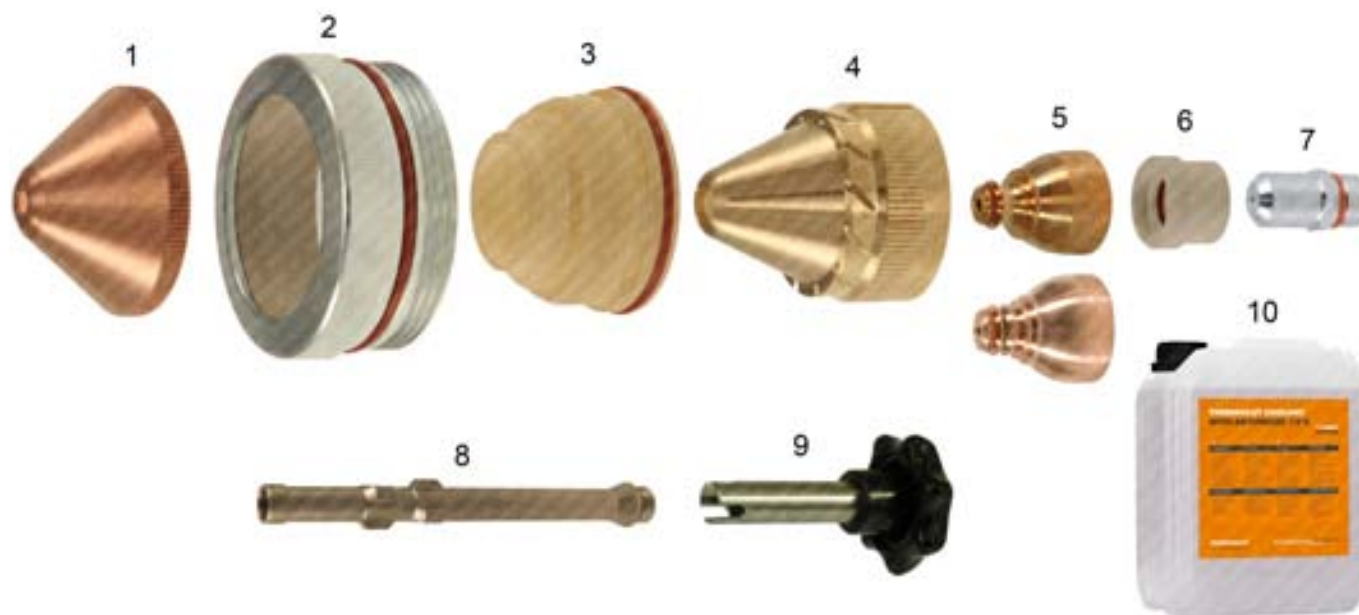
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®**  
**FineFocus® 800 / FineFocus® 900**  
**PB-S80™**



Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Sh.Ref.No.	Description	Std. Pkg.
1.	T-10591	11.833.101.1550	V4330	Swirl Gas Cap 3.0	1		T-10563	11.846.921.430	T2130Y	Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430 (i)	10
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-10927**	11.846.921.415-UR	T2115Y	Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415	10
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-10928**	11.846.921.420-UR	T2120Y	Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420	10
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10929**	11.846.921.425-UR	T2125Y	Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425	10
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-10930**	11.846.921.427-UR	T2127Y	Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427	10
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1		T-10931**	11.846.921.430-UR	T2130Y	Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430	10
2.	T-10997	11.833.121.271 OEM	V522	Protection Cap	1	6.	T-10466	11.836.921.1542	T104	Swirl Ring (3×0.4 CW)	1
	T-10998	11.833.121.261 OEM	V502	Protection Cap	1		T-10366	11.836.921.153 OEM	T101	Swirl Ring (6×0.8 CW)	1
	T-10357	11.833.101.261 OEM	V501	Protection Cap	1		T-10672	11.836.921.153	T101	Swirl Ring (6×0.8 CW)	1
3.	N-18267	11.836.921.271		Insulator	1		T-10464	11.836.921.154	T102	Swirl Ring (3×0.8 CW)	5
	N-18266	11.836.901.271	T521	Insulator	1		T-10465	11.836.921.1541	T112	Swirl Ring (3×0.8 CCW)	5
3a.	N-18371	N-18371		O-Ring	1		TN-0004	11.836.921.153	T101	Swirl Ring (6×0.8 CW), Ceramic	1
4.	T-10214	11.836.901.163	T3030	Nozzle Cap (12×1.5 30° CW)	1	7.	T-10804	11.844.921.300-AG	T012Y	Cathode, SilverEX®, use with T902Y	5
	T-10215	11.836.901.164	T3045	Nozzle Cap (12×1.5 45° CW)	1	8.	T-10467	11.828.911.230	V951	Cooling Tube PB-S77™, PB-S80™	1
	T-10217	11.836.901.1641	T3145	Nozzle Cap (12×1.5 45° CCW)	1		T-10558	11.844.901.152	T902Y	Cooling Tube, use with T012Y	1
	T-10216	11.836.901.165	T3060	Nozzle Cap (12×1.5 60° CW)	1	9.	T-10564	12.38180		Wrench for Cooling Tube	1
5.	T-10559	11.846.921.415	T2115Y	Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415 (i)	10	10.	Coolant Liquid. Details on the page 150, section Accessories.				
	T-10560	11.846.921.420	T2120Y	Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420 (i)	10						
	T-10561	11.846.921.425	T2125Y	Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425 (i)	10						
	T-10562	11.846.921.427	T2127Y	Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427 (i)	10						

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\*\* A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS

**CCW** COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.

**Last update of this page: 12/08/2019. See Revision history for details.**

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KOMATSU®  
G990™, G9120™ TORCH, 90A  
RASOR® KCR-1251, 12714, 9714, 0951**



Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-2057	65-0434-016	Cap #2	1	7.	T-2061	65-0434-020	Guide	1
2.	T-4097	65-0442-005	Shield Cap	1	8.	T-2321	65-0442-001	Electrode	5
3.	T-2359	65-0442-004	Spacer Ring	1	9.	T-3421	65-0442-009	Cooling Tube 120A	1
4.	T-2056	65-0434-015	Cap #1	1	10.	T-8818	7848-65-5620	Torch Body	1
5.	T-2058	65-0434-017	Nozzle 0.8mm	5	11.	T-11198	969-94-61310	Tube	1
	T-2054	65-0434-007	Nozzle 1.1mm	5	NS	KT-1414	K.G990.10M.K	G990™ Cable Leads 10m (33')	1
	T-2353	65-0442-002	Nozzle 1.3mm	5					
6.	T-9595	65-0434-018	Swirl Ring	2					

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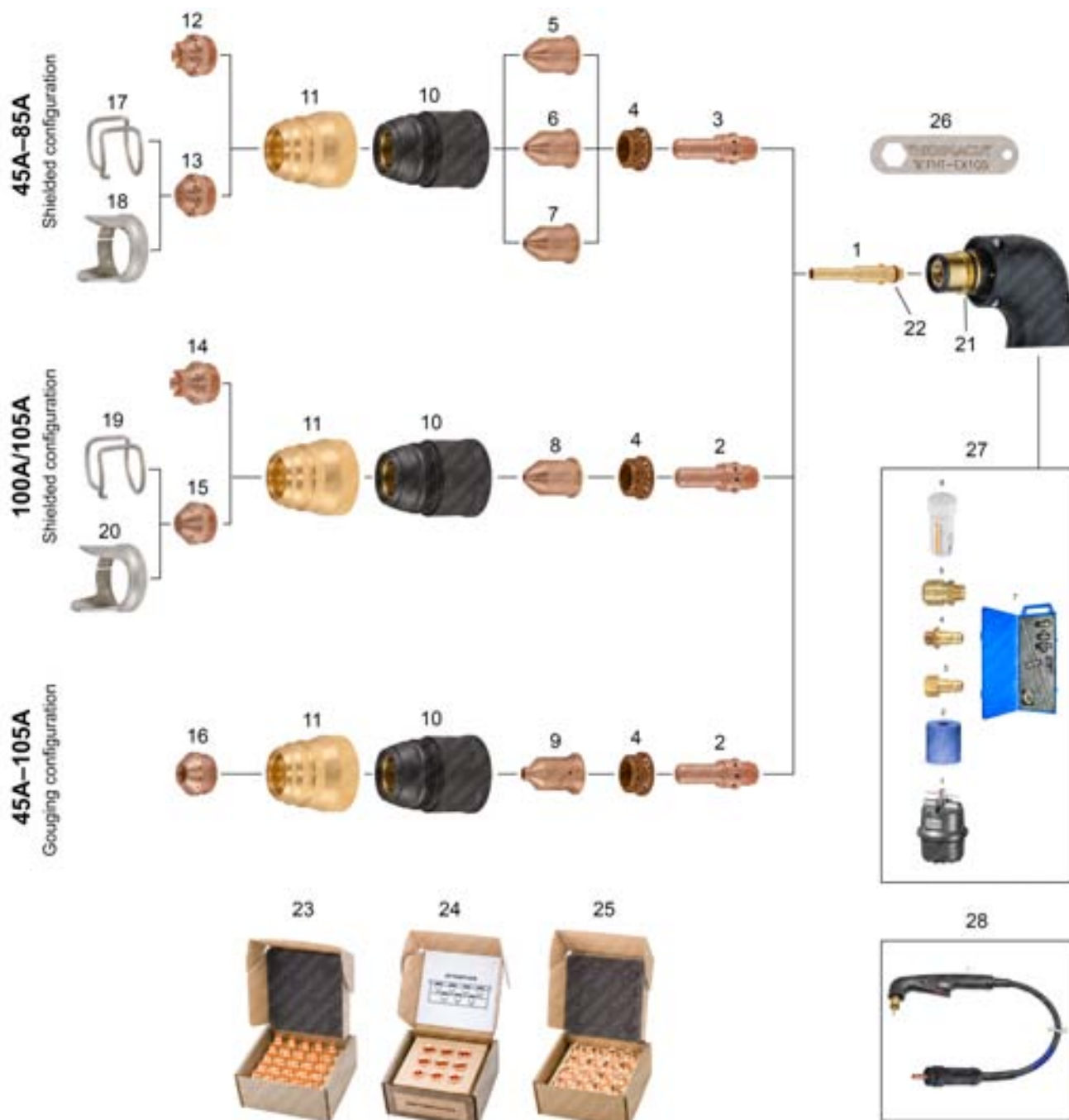
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LINCOLN ELECTRIC®  
LINCOLN ELECTRIC® TH1538  
APPLICATION OF FHT-EX®105H TORCH TO TOMAHAWK 1538 CUTTING SYSTEM**



\* For use in countries that requires CE conformity, the hand torch must be only operated with shielded configuration consumables.

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LINCOLN ELECTRIC® TH1538  
APPLICATION OF FHT-EX® 105H TORCH TO TOMAHAWK 1538 CUTTING SYSTEM**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	EX-5-400-001	EX-5-400-001	Cooling Tube FHT-EX®105	2	19.	EX-5-425-014	EX-5-425-014	Distance Spring 100/105A, L	5
2.	EX-5-401-002	EX-5-401-002	Electrode 100/105A	5	20.	EX-5-426-015	EX-5-426-015	Double Pointed Spacer 100/105A, L	1
3.	EX-5-401-003	EX-5-401-003	Electrode 45-85A	5	21.	EX-5-431-024	EX-5-431-024	O-Ring (fitted on the torch body)	2
4.	EX-5-404-005	EX-5-404-005	Swirl Ring, Contact Ignition	2	22.	EX-5-431-025	EX-5-431-025	O-Ring (fitted on the cooling tube)	2
5.	EX-5-409-007	EX-5-409-007	Nozzle 1.0mm 45A, S	5	23.	EX-5-434-028	EX-5-434-028	Bulk Pack - Electrode 100/105A - 25 pcs.	1
6.	EX-5-409-008	EX-5-409-008	Nozzle 1.15mm 55/65A, S	5		EX-5-434-038	EX-5-434-038	Bulk Pack - Electrode 45-85A - 25 pcs.	1
7.	EX-5-409-009	EX-5-409-009	Nozzle 1.35mm 75/85A, S	5	24.	EX-5-435-029	EX-5-435-029	Bulk Pack - Nozzle 1.55mm 100/105A, L - 25 pcs.	1
8.	EX-5-410-010	EX-5-410-010	Nozzle 1.55mm 100/105A, L	5		EX-5-435-030	EX-5-435-030	Bulk Pack - Nozzle 1.35mm 75/85A, S - 25 pcs.	1
9.	EX-5-440-001	EX-5-440-001	Nozzle 45-105A, Gouging	5		EX-5-435-031	EX-5-435-031	Bulk Pack - Nozzle 1.15mm 55/65A, S - 25 pcs.	1
10.	EX-5-415-006	EX-5-415-006	Nozzle Retaining Cap (Protection Cap)	1		EX-5-435-037	EX-5-435-037	Bulk Pack - Nozzle 1.0mm 45A, S - 25 pcs.	1
11.	EX-5-429-012	EX-5-429-012	Shield / Spacer Retainer	1	25.	EX-5-436-032	EX-5-436-032	Bulk Pack - Hand (contact) Shield 100/105A, L - 16 pcs.	1
12.	EX-5-419-017	EX-5-419-017	Shield 45-85A, S, Hand (contact)	5		EX-5-436-033	EX-5-436-033	Bulk Pack - Hand (contact) Shield 45-85A, S - 16 pcs.	1
13.	EX-5-421-019	EX-5-421-019	Shield 45-85A, S, Machine	5		EX-5-437-034	EX-5-437-034	Bulk Pack - Machine Shield 100/105A, L - 16 pcs.	1
14.	EX-5-420-018	EX-5-420-018	Shield 100/105A, L, Hand (contact)	5		EX-5-437-035	EX-5-437-035	Bulk Pack - Machine Shield 45-85A, S - 16 pcs.	1
15.	EX-5-422-020	EX-5-422-020	Shield 100/105A, L, Machine	5		EX-5-438-036	EX-5-438-036	Bulk Pack - Deflector - 16 pcs.	1
16.	EX-5-440-004	EX-5-440-004	Shield 45-105A, Gouging	5	26.	EX-5-427-021	EX-5-427-021	Electrode Wrench FHT-EX®105	1
17.	EX-5-424-013	EX-5-424-013	Distance Spring 45-85A, S	5	27.	Accessories. See following pages for details.			
18.	EX-5-430-023	EX-5-430-023	Double Pointed Spacer 45-85A, S	1	28.	Torch, cable leads. See following pages for details.			

	Electrode	Swirl Ring, Contact Ignition	Nozzle	Nozzle Ret. Cap (Protection Cap)	Shield/Spacer Retainer	Hand Contact Shield	Shield	Distance Spring	Double Pointed Spacer
									
Cutting process	5pcs	2pcs	5pcs	1pc	1pc	5pcs	5pcs	5pcs	1pc
40A	EX-5-401-003	EX-5-404-005	EX-5-409-007	EX-5-415-006	EX-5-429-012	EX-5-419-017			
60A	EX-5-401-003	EX-5-404-005	EX-5-409-008	EX-5-415-006	EX-5-429-012	EX-5-419-017			
80A	EX-5-401-003	EX-5-404-005	EX-5-409-009	EX-5-415-006	EX-5-429-012	EX-5-419-017			
100A	EX-5-401-002	EX-5-404-005	EX-5-410-010	EX-5-415-006	EX-5-429-012	EX-5-420-018			
40A	EX-5-401-003	EX-5-404-005	EX-5-409-007	EX-5-415-006	EX-5-429-012		EX-5-421-019	EX-5-424-013	
60A	EX-5-401-003	EX-5-404-005	EX-5-409-008	EX-5-415-006	EX-5-429-012		EX-5-421-019	EX-5-424-013	
80A	EX-5-401-003	EX-5-404-005	EX-5-409-009	EX-5-415-006	EX-5-429-012		EX-5-421-019	EX-5-424-013	
100A	EX-5-401-002	EX-5-404-005	EX-5-410-010	EX-5-415-006	EX-5-429-012		EX-5-422-020	EX-5-425-014	
40A	EX-5-401-003	EX-5-404-005	EX-5-409-007	EX-5-415-006	EX-5-429-012		EX-5-421-019		EX-5-430-023
60A	EX-5-401-003	EX-5-404-005	EX-5-409-008	EX-5-415-006	EX-5-429-012		EX-5-421-019		EX-5-430-023
80A	EX-5-401-003	EX-5-404-005	EX-5-409-009	EX-5-415-006	EX-5-429-012		EX-5-421-019		EX-5-430-023
100A	EX-5-401-002	EX-5-404-005	EX-5-410-010	EX-5-415-006	EX-5-429-012		EX-5-422-020		EX-5-426-015
Gouging 40-100A	EX-5-401-002	EX-5-404-005	EX-5-440-001	EX-5-415-006	EX-5-429-012	EX-5-440-004			

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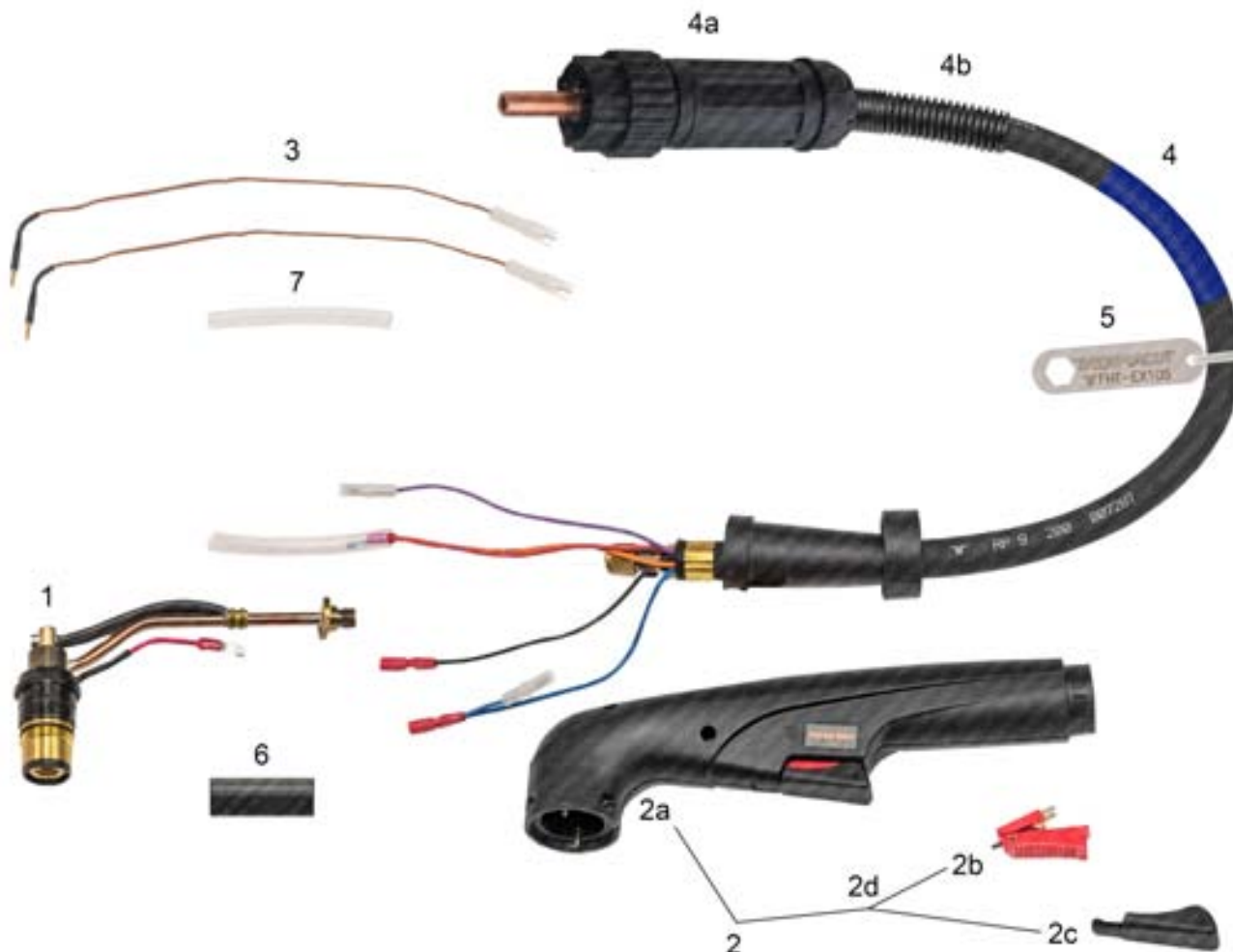
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Item	Part No.	Description
1.	EX-5-302-004	Hand Torch Body FHT-EX®105H
2.	EX-5-314-019	Hand Torch Handle Replacement Kit
2a.	EX-5-308-012	Hand Torch Handle - Kit
2b.	EX-5-309-013	Trigger
2c.	EX-5-310-014	Trigger Guard
2d.	EX-5-313-018	Safety Trigger Replacement Kit
3.	EX-5-304-006	Hand Torch PIP Pins Replacement Kit (with Wires)
4.	EX-5-333-034	Hand Torch Lead Replacement Kit 8m (26') Lead/QD EURO

Item	Part No.	Description
4a.	EX-5-307-011	Central Connector (QD EURO)
4b.	EX-5-318-022	Central Connector Strain Relief
5.	EX-5-427-021	Electrode Wrench FHT-EX®105
6.	EX-0-319-011	Shrinking Tube
7.	EX-0-319-021	Insulating Teflon Tube

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APPLICATION OF FHT-EX®105H TORCH TO TOMAHAWK 1538 CUTTING SYSTEM**



Item	Part No.	Description
1.	EX-5-140-001	FHT-EX®105HRT Hand Retrofit Torch Assembly without consumables with 8m/QD-EU/TH1538

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR MIGATRONIC® PLA-45™, PLA-85™



Item	Part No.	Ref. No.	Description	Torch	Item	Part No.	Ref. No.	Description	Torch
1.	T-4800	80600088	Distance Spring	PLA-45,85	NS	T-4802	80600092	Handle	PLA-45,85
2.	T-4805	80600095	Distance Ring	PLA-45,85	NS	T-4806	80600096	Tipping Device	PLA-45,85
3.	T-4825	80640123	Shield Cap	PLA-45	NS	T-7000	45050101	Trigger	PLA-45,85
4.	T-4813	80630011	Shield Cap	PLA-85	NS	T-4807	80600097	Contact Pin	PLA-45,85
5.	T-4815	80630012A	Tip 1.0mm	PLA-45	NS	T-4808	80600099	Mounted Print	PLA-45,85
6.	T-4814	80630012	Tip 1.0mm	PLA-45,85	NS	T-4803	80600093	Cutting Guide	PLA-45,85
	T-4811	80630009	Tip 1.2mm	PLA-85	NS	KT-1303	80690085	PLA-45/85™ Torch with Leads 6m (20'), centr. conn.	PLA-45,85
	T-4812	80630010	Tip 1.4mm	PLA-85					
7.	T-4810	80610005	Electrode	PLA-45,85					
8.	T-4816	80650005	Torch Body, Hand	PLA-45,85					

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR SAF® OCP 150



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10456	0409-2166	Nozzle Retaining Cap	1		T-10457	0409-2169	Swirl Ring 120A	1
NS	T-10186	0409-2210	Nozzle Retaining Cap	1	NS	T-10139	0409-2209	Swirl Ring	1
2.	T-10449	0409-2171	Nozzle 15A	5	4.	T-10459	0409-2184-UR	Electrode	5
	T-10450	0409-2173	Nozzle 30A	5		T-10460	0409-2184	Electrode (replace 0409-2185)	5
	T-10451	0409-2174	Nozzle 40A	5		T-10461	0409-2185	Electrode	5
	T-10452	0409-2176	Nozzle 60A	5	NS	T-10137	0409-2194T	Electrode	5
	T-10453	0409-2183	Nozzle 90A	5	5.	T-10455	0409-2154	Cooling Tube	1
	T-10454	0409-2186	Nozzle 120A	5	NS	T-10019	0408-1238	O-Ring	1
NS	T-10140	0409-2231	Nozzle 15A, N <sub>2</sub>	1	NS	T-10020	0408-1282	O-Ring	1
NS	T-10141	0409-2233	Nozzle 30A, N <sub>2</sub>	1	NS	T-10021	0408-1284	O-Ring	1
NS	T-10142	0409-2234	Nozzle 40A, N <sub>2</sub>	1	NS	T-10022	0408-1283	O-Ring	1
NS	T-10143	0409-2236	Nozzle 60A, N <sub>2</sub>	1	NS	T-10138	0409-2167	O-Ring	1
NS	T-10134	0409-2239	Nozzle 90A, N <sub>2</sub>	1	NS	T-10049	0409-2168	O-Ring	1
NS	T-10172	0409-2240	Nozzle 120A, N <sub>2</sub>	1					
NS	T-10135	0409-2250	Nozzle 120A, Ar/H <sub>2</sub>	1					
3.	T-10458	0409-2170	Swirl Ring 60A	1					

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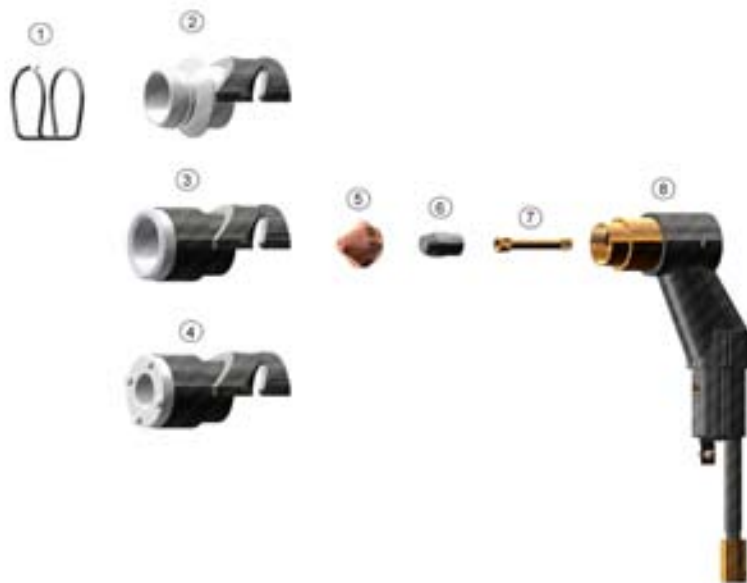
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR SAF® CP40R, CP100R



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0431	0408-2053	Guide Wire (=W000302609)	5	7.	T-8067	0408-2381	Plunger Tube (=W000302554)	1
2.	T-0430	0408-2270	Shroud (=0408-2267, W000302606)	1	8.	T-1829	0408-2056	Torch Body, Hand CP40R® (=W000142824)	1
3.	T-8307	0408-2268	Shroud (=W000302552)	1	NS	KT-1376	K.CP40R.CP100R.6M.K	CP40R®, CP100R® Cable Leads 6m (20')	1
4.	T-8306	0408-2405	Shroud (=W000302557)	1	NS	KT-1062	0408-2050	CP40R® Torch with Leads 6m (20')	1
5.	T-8069	0408-2400	Tip 1.0mm (=0408-2261)	5	NS	KT-1063	0408-2375	CP100R® Torch with Leads 6m (20')	1
NS	T-8070	0408-2401	Tip 1.2mm (=0408-2262)	5					
NS	T-8071	0408-2396	Tip 1.6mm (=0408-2385)	5					
6.	T-3549	0408-2051	Electrode, Zr (=W000302545)	10					

## THERMACUT® REPLACEMENT PARTS SUITABLE FOR CPM-200, CPM-250, CPM-300, CPM-720

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
	T-11045	0408-1482	Electrode 90-120A	1		T-8846	0409-1280	Nozzle 240A, O <sub>2</sub>	5
	T-10022	0408-1283	O-Ring, D8×1.25, Nitrile	1		TN-0026	0409-1350	Nozzle 320A, N <sub>2</sub>	1
	T-8755	0409-2095	Electrode 120-240A, H25	5		T-8848	0409-1351	Nozzle 500A, N <sub>2</sub>	1
	T-8754	0409-2076	Nozzle 120A, O <sub>2</sub>	5					
	T-10136	0409-1278	Nozzle 150A, O <sub>2</sub>	1					
	T-8753	0409-1279	Nozzle 180A, O <sub>2</sub>	5					

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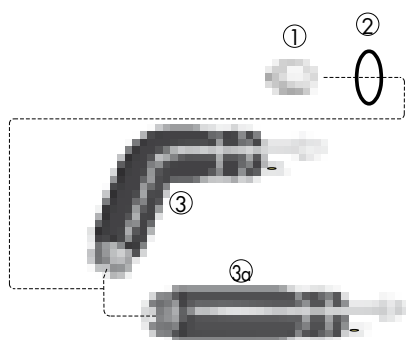
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PCH/M-51



### ACCESSORIES

Hand Torch



Machine Torch



Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-0148	9-5631	Tip .043	10
NS	T-0150	9-5633	Electrode	10
2.	T-0151	8-5525	O-Ring	10

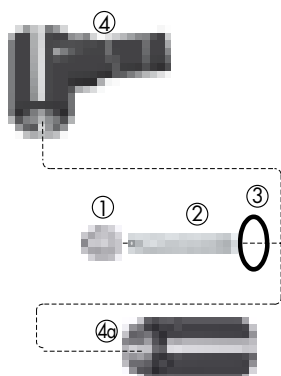
Item	Part No.	Ref. No.	Description	Std. Pkg
3.	T-0152	9-5635	TMT-51, Hand Torch	1
3a.	T-0156	9-5634	TMT-51, Machine Torch	1

### ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-1040	9-5636-1	Handle with Switch	1
2.	T-0159	8-5005	Mounting Tube	1

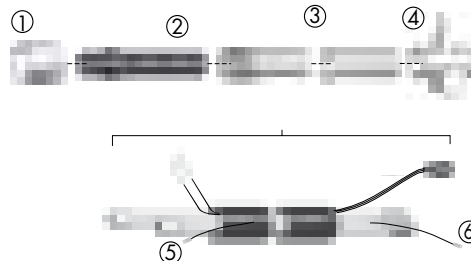
Item	Part No.	Ref. No.	Description	Std. Pkg
3.	T-0161	8-4204	Bushing	1

## THERMACUT® REPLACEMENT PARTS SUITABLE FOR PCH/M-52



### ACCESSORIES

Machine Torch



Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-0170	9-5708	Tip .059 100A	10
	T-0172	9-5618	Tip .043 45A	10
2.	T-0176	9-5619	Electrode, Air	10

Item	Part No.	Ref. No.	Description	Std. Pkg
3.	T-0151	8-5525	O-Ring	10
4.	T-0178	9-5642	TMT-52, Hand Torch	1
4a.	T-0179	9-5643	TMT-52, Machine Torch	1

### ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-0157	8-4018	Nut	1
2.	T-0183	9-1901	Adapter	1
3.	T-0159	8-5005	Mounting Tube	1
4.	T-0160	7-2827 OEM	Pinion Assembly	1

Item	Part No.	Ref. No.	Description	Std. Pkg
5.	T-0914	8-4190	Fitting (-), Torch End	1
	T-0976	8-5085	Ferrule	1
	T-0889	8-5013	Ferrule	1
6.	T-0924	8-7033	Fitting (-), Console End	1

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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PCH/M-6B



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0233	8-6515	End Cap	1	12.	T-0217	8-6577	6B Machine Torch	1
2.	T-0232	8-6514	Insulator, End Piece	5		T-1423	8-6583	6B Hand Torch 70°	1
3.	T-0231	8-6581	Outer Insulator	1		T-0216	8-6584	6B Hand Torch 90°	1
4.	T-0230	8-6512	Gasket, Outer Insulator	5	NS	T-0159	8-5005	Positioning Tube	1
5.	T-0229	8-6572	Tip .125 400A	5	NS	T-0236	8-6517 OEM	Liner/Tip Wrench	1
	T-0228	8-6582	Tip .113 300A	5	NS	T-0161	8-4204	Bushing	1
	T-0227	8-6575	Tip .093 200A	5	NS	KT-1337	2-2747	PCH-6B 70° Torch with Leads 15.2m (50'), PAK®45	1
	T-0226	8-6648	Tip .076 150A	5	NS	KT-1431	2-2789	PCH-6B 70° Torch with Leads 15.2m (50'), PAK®44	1
	T-0225	8-6580	Tip .067 100A	5	NS	KT-1215	2-2790	PCH-6B® 90° Torch with Leads 7.6m (25')	1
6.	T-0224	8-6586	Electrode, N <sub>2</sub> , Metal Seat, L-Amp	10	NS	T-13077	2-2791	PCH-6B® 90° Torch with Leads 15.2m (50')	1
7.	T-0223	8-6578	Electrode, N <sub>2</sub> , Gen. Purpose	10	NS	KT-1323	4-2725	PCH-6B® Cable Leads 7.6m (25')	1
8.	T-0222	8-6571	Liner Assy	1	NS	KT-1324	2-2792	PCM-6B® 180° Torch with Leads 7.6m (25')	1
9.	T-0221	8-6587	Gas Distributor, 6B, 4 Holes, Rev. Swirl	1	NS	KT-1188	4-2726	PCH-6B® Cable Leads 15.2m (50')	1
	T-0220	8-6569	Gas Distributor, 6B, 4 Holes	1	NS	KT-1198	2-2749	PCM-6B® 180° Torch with Leads 15.2m (50')	1
10.	T-0219	8-6615	Electrode Holder	1	NS	KT-1443	9-2866	Plasma Hose 7.6m (25')	1
11.	T-0108	8-0531	O-Ring	1	NS	KT-1444	9-2950	Power Hose 7.6m (25')	1

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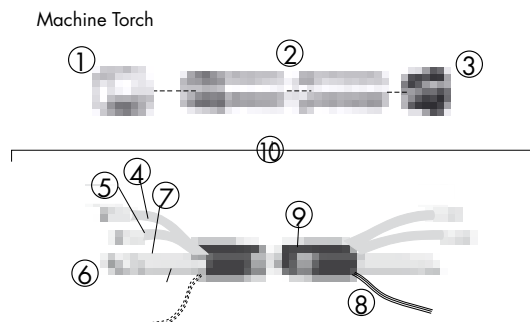
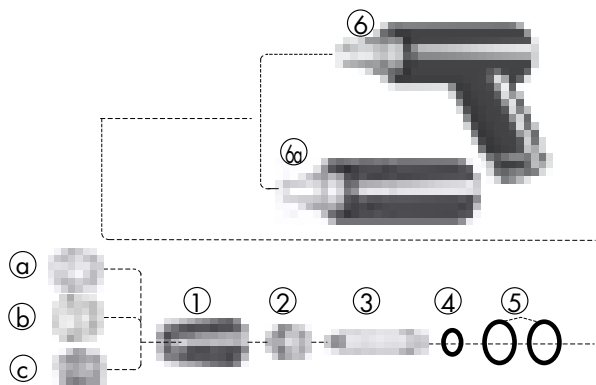
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PCH/M-150 TORCH

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2172	9-5758-5	Plastic Bottom	1		T-0248	9-5766	Tip .052 100A, Nit	5
1a.	T-0237	9-5750	Shield Cup	1	3.	T-0253	9-5749	Electrode, Air	5
	T-1032	9-5750-1	Ceramic Taper Piece	1		T-0254	9-5754	Electrode, Nit, AR/H	5
1b.	T-0238	9-5758	Shield Cup, Tip Exp.	1		T-0255	9-5760	Electrode, Oxy	5
1c.	T-0239	9-5790	Shield Cup, Metal	1	4.	T-0263	8-0537	O-Ring, Small	10
	T-2176	9-5790-1	Metal Front Piece	1	5.	T-0264	8-0540	O-Ring, Large	10
2.	T-0241	9-5746	Tip .070 150A, Air	5	6.	T-0256	9-5743	TMT-150 Hand Torch 70°	1
	T-0242	9-5747	Tip .055 100A, Air	5		T-2171	9-5744	TMT-150 Hand Torch 90°	1
	T-0243	9-5748	Tip .043 50A, Air	5	6a.	T-0257	9-5745	TMT-150 Machine Torch	1
	T-0244	9-5751	Tip .070 150A, Oxy	5					
	T-0245	9-5752	Tip .052 100A, Oxy	5					
	T-0247	9-5767	Tip .067 150A, Nit	5					

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0261	8-2158	Adapter, 1 3/8" Dia	1		T-0963	8-5139	Shielded Sleeving 25'	1
2.	T-1077	7-3207	Mounting Tube	1	10.	T-0954	4-2863	Hand Leads 25'	1
3.	T-0161	8-4204	Bushing	1		T-0955	4-2864	Hand Leads 50'	1
4.	T-0965	8-5565	Plasma Lead 25'	1		T-0956	4-2865	Machine Leads 25'	1
	T-0966	8-5566	Plasma Lead 50'	1		T-0957	4-2866	Machine Leads 50'	1
5.	T-0961	8-5135	Secondary Gas Hose 25'	1	NS	T-0950	2-2980	Machine Torch with 25' Leads	1
	T-0962	8-5136	Secondary Gas Hose 50'	1	NS	T-0951	2-2981	Machine Torch with 50' Leads	1
6.	T-0969	8-6139	Negative Lead 25'	1	NS	T-0952	2-2982	Hand Torch 70° with 25' Leads	1
7.	T-0971	8-6305	Coolant Return Hose 25'	1	NS	T-0958	2-2978	Hand Torch 90° with 25' Leads	1
	T-0972	8-6306	Coolant Return Hose 50'	1	NS	T-0953	2-2983	Hand Torch 70° with 50' Leads	1
8.	T-0967	8-5567	Control Cable 25'	1	NS	T-0959	2-2979	Hand Torch 90° with 50' Leads	1
	T-0968	8-5568	Control Cable 50'	1					
9.	T-0940	8-1000	Leads Sleeving 25'	1					
	T-0960	8-1058	Leads Sleeving 50'	1					

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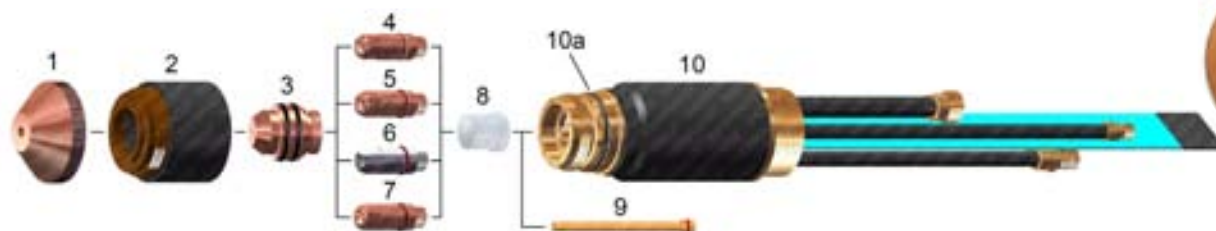
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Thermal Dynamics®

### MERLIN™ 6000 & 6000GST

### MAXIMIZER™ 300



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2971	20-1003	Shield Cup 50A	1	T-10264**	20-1018-UR		Electrode 50-225A, Air (300A, O <sub>2</sub> )	5
	T-2289	20-1004	Shield Cup 100-225A	1	T-10265**	20-1010-UR		Electrode 100-225A, Air/O <sub>2</sub>	5
	T-10708	20-1004 OEM	Shield Cup 100-225A	1	6.	T-4913	20-1018-AG	Electrode 50-225A, Air (300A, O <sub>2</sub> ), SilverEX-®	5
	T-2290	20-1005	Shield Cup 300A	1		T-4914	20-1021-AG	Electrode 300A, Air, SilverEX-®	5
2.	T-2292	20-1002	Standard Shield Cup Body	1	7.	T-2300	20-1023	Electrode 50-300A, N <sub>2</sub>	5
3.	T-8981	20-1030	Tip 0.043" 50A	5	8.	T-2301	20-0008	Gas Distributor 50-225A	2
	T-2303	20-1031	Tip 0.055" 100A	5		T-2302	20-1009	Gas Distributor 300A	2
	T-2304	20-1032	Tip 0.073" 150A	5	9.	T-11846	T-11846	Cooling Tube	1
	T-2305	20-1033	Tip 0.083" 225A	5	10.	T-1693	9-6410	Torch Body	1
	T-2306	20-1034	Tip 0.109" 300A	5	10a.	N-10088	1-023B	O-Ring	1
4.	T-10702	20-1017	Electrode 225A, O <sub>2</sub>	5	NS	T-0261	8-2158	Adaptor	1
5.	T-10441	20-1021-UR	Electrode 300A, Air	5	NS	T-1077	7-3207	Mounting Tube	1
	T-10293**	20-1015-UR	Electrode 50-100A, O <sub>2</sub>	5	NS	T-0160	7-2827 OEM	Pinion Assembly	1
	T-10440**	20-1016-UR	Electrode 150A, O <sub>2</sub>	5	NS	T-0161	8-4204	Bushing	1

# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## PCH/M-120



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0571	20-1225	Short Shield Cup	1	4.	T-10263	20-1210-UR	Electrode	5
2.	T-0577	20-1222	Tip .063 120A	5	5.	T-11846	T-11846	Cooling Tube	1
	T-0570	20-1221	Tip .047 70A	5	6.	T-1693	9-6410	Torch Body	1
	T-0582	20-1220	Tip .031 35A	5	6a.	N-10088	1-023B	O-Ring	1
3.	T-0569	20-1215	Gas Distributor	1					

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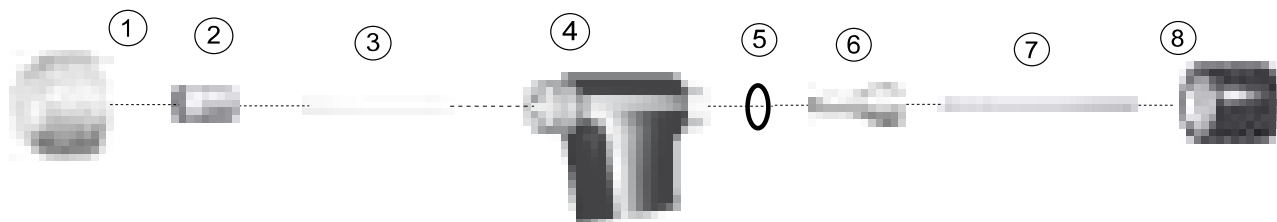
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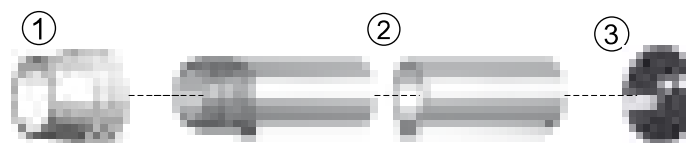
# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWH/M 2A WELDING TORCH



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1482	8-2071	Shield Cup	5		T-1037	8-2028	Torch Head 90°	1
2.	T-1483	8-2023	Tip .046 35A	10		T-1493	8-2097	Torch Head, Machine	1
	T-1485	8-2025	Tip .081 75A	10	5.	T-1494	8-2035	O-Ring	5
	T-1486	8-2079	Tip Long .031	10	6.	T-1495	8-2039	Collet	1
	T-1487	8-2080	Tip Long .046	10		T-0766	8-2041	Collet .040	1
	T-1488	8-2082	Tip Long .062	10	7.	T-1496	8-2033	Electrode	10
	T-1489	8-2083	Tip Long .081	10		T-0768	8-2044	Electrode .040, Standard	10
3.	T-1490	8-2040	Gas Distributor	1	8.	T-1497	8-2032	Back Cap	1
4.	T-1491	8-2036	Gasket	5		T-0765	8-2030	Back Cap, Extended	1
	T-1492	8-2027	Torch Head 70°	1					

## ACCESSORIES

### Machine Torch



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0157	8-4018	Nut	1	NS	T-0774	2-2840	Machine Torch with 12.5' Leads without Q. D.	1
2.	T-0159	8-5005	Mounting Tube	1	NS	T-1532	9-2105	Negative Lead, Green, 12-1/2'	1
3.	T-0161	8-4204	Bushing	1	NS	T-1533	8-1494	Negative Lead, Green, 25'	1
NS	T-1526	4-2539	Leads 12-1/2'	1	NS	T-1534	9-2107	Positive Lead, Red 12-1/2'	1
NS	T-1527	4-2585	Leads 25'	1	NS	T-1535	8-1495	Positive Lead, Red 25'	1
NS	T-1528	2-2443	Hand Torch 70° with 12-1/2' Leads	1	NS	T-1536	8-1074	Plasma Hose 12 1/2'	1
NS	T-4106	2-2100	Hand Torch 70° with 12.5' Leads & Q. D.	1	NS	T-1537	8-1496	Plasma Hose 25'	1
NS	KT-1061	2-2504	Hand Torch 70° with 25' Leads	1	NS	T-1520	8-1075	Shield Hose 12 1/2'	1
NS	T-0772	2-2444	Hand Torch 90° with Leads 12.5'	1	NS	T-1521	8-1497	Shield Hose 25'	1
NS	T-0775	2-2506	Hand Torch 90° with 25' Leads	1	NS	T-1446	8-3138	Sleeving 12 1/2'	1
NS	T-1530	2-2480	Machine Torch with 12-1/2' Leads	1	NS	T-1447	8-3139	Sleeving 25'	1
NS	T-1531	2-2594	Machine Torch with Leads 25'	1					

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWH/M 3A WELDING TORCH



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1505	8-3040	Shield Cup	1		T-1499	8-3030	Torch Head 70°	1
	T-1911	8-3038	Shield Cup Standard Weight	1		T-1036	8-3031	Torch Head 90°	1
2.	T-1506	8-3052	Tip .014 10A, Standard	10	9.	T-1027	8-0527	O-Ring Electrode Cap	10
	T-1508	9-1782	Tip .031 30A, Standard	10	10.	T-1502	9-1780	Collet	1
	T-1509	9-1783	Tip .046 50A, Standard	10	11.	T-1504	9-1779	Electrode Cap, Standard	1
	T-1510	9-1784	Tip .062 75A, Standard	10	12.	T-0777	9-1803	Electrode Cap, Extended	1
	T-1511	9-1785	Tip .081 100A, Standard	10	NS		9-1757	PWH Handle	1
	T-1512	9-1795	Tip .093 150A, Standard	10	NS		9-1778 OEM	Sleeve	1
3.	T-1513	9-1788	Tip, Long .031 10A, Extended	10	NS		8-4018	Nut	1
	T-1514	9-1789	Tip, Long .046 20A, Extended	10	NS		9-1901	Adaptor	1
	T-1515	9-1790	Tip, Long .062 55A, Extended	10	NS		8-5005	Positioning Tube	1
	T-1516	9-1791	Tip, Long .081 75A, Extended	10	NS		8-4204	End Cap	1
	T-1517	9-1811	Tip, Long .093 85A, Extended	10	NS		9-1810	Gage/Wrench	1
4.	T-1518	9-2240	Gas Distributor Insulating Sleeve	1	NS	KT-1069	4-2615	PWH/M 3A Cable Leads 3.8m (12.5') Hand/Mach.	1
5.	T-1503	9-1747	Electrode	1	NS	KT-1474	4-2624	PWH/M 3A Cable Leads 7.6m (25') Hand/Mach.	1
6.	T-1498	8-3059	Gas Diffuser	1	NS	KT-1067	2-2616	PWH 3A Hand Torch 180° 3.8m	1
7.	T-1519	8-3057	Gasket - Shield Cup	5					
8.	T-1500	8-3032	Torch Head Assembly (180° offset)	1					

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Thermal Dynamics®

### PWH/M 4A WELDING TORCH



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1448	8-4062	Shield Cup	5	12.	T-0191	8-4158	Electrode Cap, Standard	1
	T-12352	8-4064 OEM	Shield Cup with Lens	5		T-2144	9-1877	Electrode Cap, Extended	1
2.	T-1451	9-1847	Tip .062 100A, Standard	10	NS	T-2146	9-2204	Gas Distributor	1
	T-1452	9-1848	Tip .093 125A, Standard	10	NS	T-1456	8-0560	O-Ring	1
	T-1453	9-1849	Tip .125 250A, Standard	10	NS	T-1457	8-0528	O-Ring	1
3.	T-1020	9-1890	Tip .062 100A, Extended	10	NS	T-0157	8-4018	Nut	1
	T-2145	9-1891	Tip .093 125A, Extended	10	NS	T-0183	9-1901	Adaptor	1
	T-2355	9-1892	Tip .125 250A, Extended	5	NS	T-0159	8-5005	Positioning Tube	1
4.	T-1454	9-1827	Electrode .187, Standard	5	NS	T-0161	8-4204	End Cap	1
	T-2134	9-1834	Electrode .187, Extended	5	NS	KT-1357	2-2125	PWH 4A® 70° Torch with Leads 7.6m (25'), centr.conn.	1
5.	T-2105	8-4011	Liner (without Gas Distributor)	1	NS	KT-1377	2-2829	PWH 4A® 180° Torch with Leads 7.6m (25'), centr.conn.	1
6.	T-1455**	8-4012-UR	Liner (Gas Distributor included)	1	NS	KT-1207	9-3088	PWH, M4A® Hose, Shield, 4A/6A, 25'	1
7.	T-1458	8-4024	Collar	1	NS	KT-1206	8-1505	PWH, M4A® Hose, Plas., 25'	1
8.	T-11543	8-4040 OEM	Shield Gas Diffuser, Threaded	1	NS	KT-1186	9-2079	PWH, M4A® Lead, neg. W.C., 12.5' (3.8m)	1
9.	T-0197	8-4069	Gasket - Shield Cup	5	NS	KT-1200	9-2081	PWH, M4A® Lead, pos. W.C., 12.5' (3.8m)	1
10.	T-1460	8-4014	Torch Head Assembly 70°	1	NS	KT-1201	8-1398	PWH, M4A® Lead, neg. W.C., 25' (7.6m)	1
	T-1303	8-4016	Torch Head Assembly 180° offset	1	NS	KT-1202	8-1399	PWH, M4A® Lead, pos. W.C., 25' (7.6m)	1
	T-0075	8-4015	Torch Head Assembly 90°	1					
	T-1461	8-4054	Torch Head Assembly 180° inline	1					
11.	T-1463	9-1876	Collet	1					

\*\* A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS

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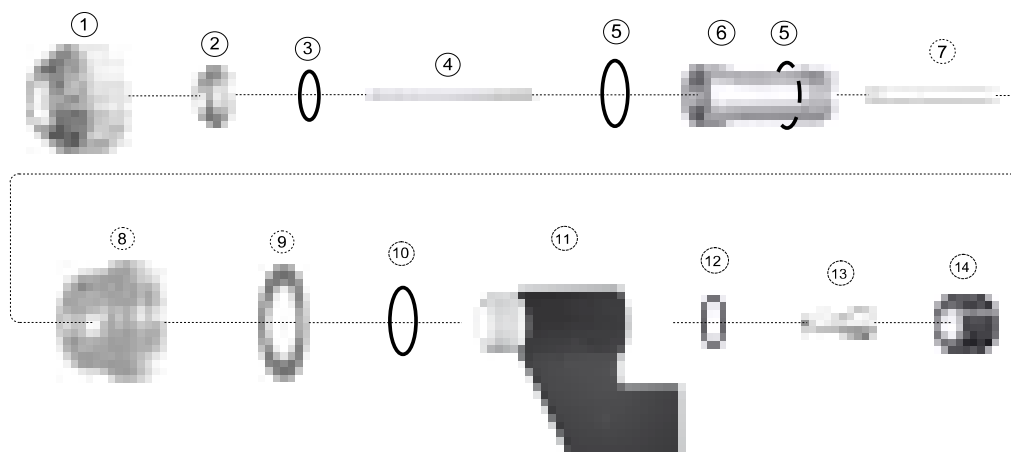
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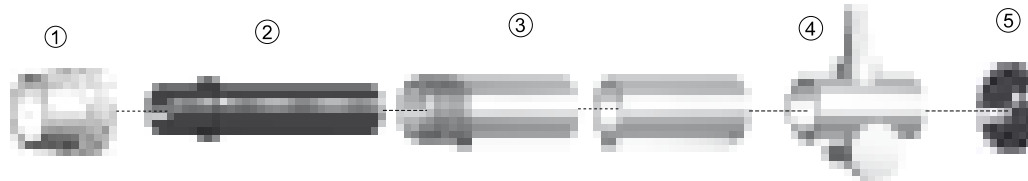
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWM 300 WELDING TORCH



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2360	8-4373	End Cap	1	7.	T-2365	8-6651	Insulating Sleeve	1
2.	T-2361	8-4370	Tip .093 200A	5	8.	T-2366	8-6652	Shield Cup Diffuser	1
	T-2362	8-4371	Tip .113 250A	5	9.	T-0230	8-6512	Gasket	5
	T-2363	8-4372	Tip .125 300A	5	10.	T-0108	8-0531	O-Ring	10
3.	T-2152	9-2863	O-Ring	10	11.	T-2369	8-6649	Torch Body	1
4.	T-1454	9-1827	Electrode	5	12.	T-2082	8-0534	O-Ring	10
5.	T-1029	9-2956	O-Ring	10	13.	T-2367	8-6650	Collet	1
6.	T-2364	8-6509	Liner (includes 50-720S 2x)	1	14.	T-2368	8-6654	Electrode Cap	1

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0157	8-4018	Nut	1	NS	KT-1055	2-2845	PMW300 with 12.5' Leads	1
2.	T-0183	9-1901	Adapter	1	NS	KT-1251	2-2846	PMW300 with 25' Leads	1
3.	T-0159	8-5005	Mounting Tube	1	NS	KT-1207(T-1445)	9-3088	PWH, M4A® Hose, Shield, 4A/6A, 25'	1
4.	T-0160	7-2827 OEM	Pinion Assembly	1	NS	KT-1206(T-1443)	8-1505	PWH, M4A® Hose, Plas., 25'	1
5.	T-0161	8-4204	Bushing	1	NS	KT-1186(T-1438)	9-2079	PWH, M4A® Lead, neg. W.C. 12.5' (3.8m)	1
NS	KT-1199	4-2525	Torch Leads 12.5ft	1	NS	KT-1200(T-1440)	9-2081	PWH, M4A® Lead, pos. W.C. 12.5' (3.8m)	1
NS	KT-1204	4-2544	Torch Leads 25ft	1	NS	KT-1201(T-1439)	8-1398	PWH, M4A® Lead, neg. W.C. 25' (7.6m)	1
NS	T-0236	8-6517 OEM	Wrench	1	NS	KT-1202(T-1441)	8-1399	PWH, M4A® Lead, pos. W.C. 25' (7.6m)	1

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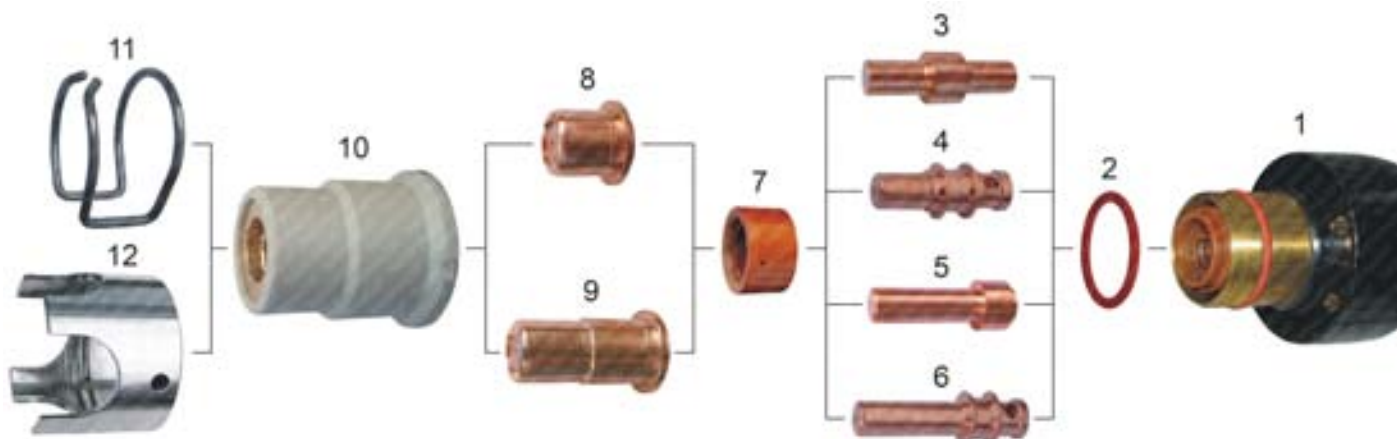
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A80™/P80™



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-5052	PF119	Torch Body, Hand	1	10.	T-5016	PC115	Nozzle Retaining Cap	6
2.	T-5010	EA125	O-Ring	1	11.	T-5005	CV28	Spacer Spring	10
3.	T-5062	PR107	Electrode	5	12.	T-5006	CV33	Crown Spacer	10
4.	T-9216	PR109	Electrode	5	NS	T-5442	1356	Handle with Switch	1
5.	T-5063	PR108	Electrode, Long	5	NS	KT-1274	PH130	A80™ Cable Leads 6m, 3/8 fittings	1
6.	T-9804	PR115	Electrode, Long	10	NS	KT-1264	PH132	A80™ Cable Leads 6m, 1/4 fittings	1
7.	T-5042	PE107	Swirl Ring	1	NS	KT-1315	PA171	A80™ Hand Torch with Leads 6m with centr. conn.	1
8.	T-5022	PD105-10	Nozzle 1.0mm	5					
	T-5023	PD105-12	Nozzle 1.2mm	5					
9.	T-5024	PD106-10	Nozzle, Long 1.0mm	5					

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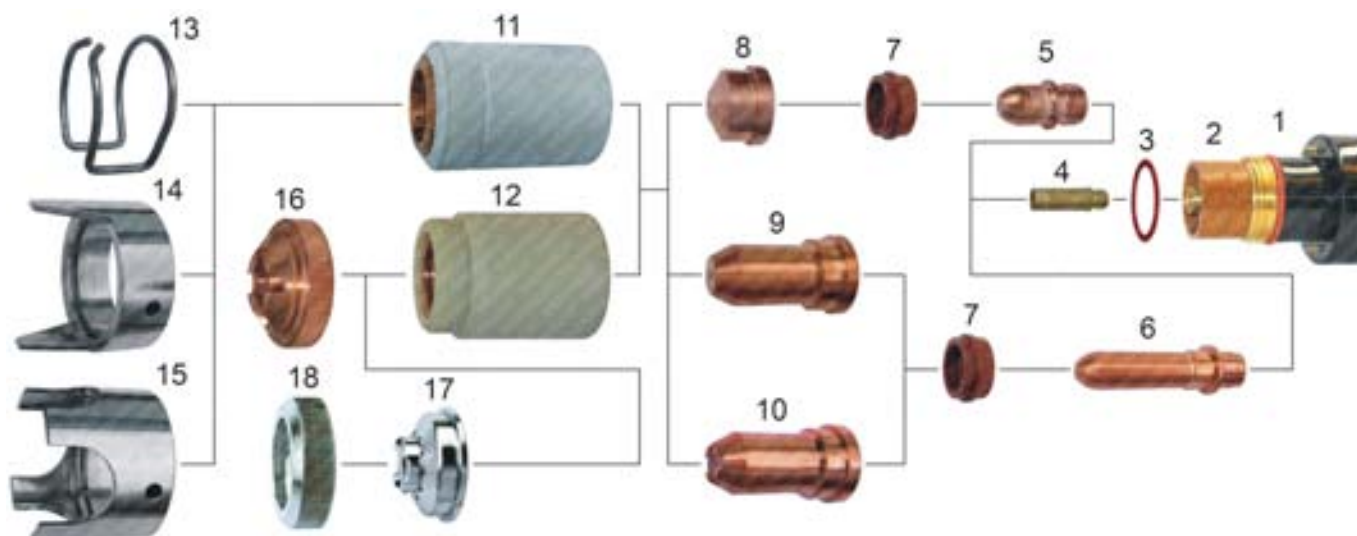
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A90™/P90™



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	TN-0147	PF109	Torch Body, Hand (part 2, 3 included)	1	11.	T-3714	PC109	Nozzle Retaining Cap	6
2.	T-9793	60085	Insulator	1	12.	T-5015	PC113	Contact Nozzle Ret. Cap	6
3.	T-3562	EA131	O-Ring	1	13.	T-3718	CV11	Spacer Spring	5
4.	PT-10709	45244-7	Diffusor	1	14.	T-0643	CV12(1408)	Spacer, Double Pointed	1
5.	T-5059	PR101	Electrode	10	15.	T-5003	CV14	Crown Spacer	6
6.	T-5065	PR116	Electrode, Long - no thread	5	16.	T-5004	CV23	Shield Cup	6
7.	T-5072	PE101	Swirl Ring	2	17.	T-9370		Spacer for Contact Cutting	1
8.	T-2926	PD101-11	Nozzle 1.1mm	5	18.	T-9375		Locking Nut	1
	T-3349	PD101-14	Nozzle 1.4mm	5	NS	T-5069	TP12	Insulating Sleeve	1
	T-2955	PD101-17	Nozzle 1.7mm	5	NS	T-5068	TP10	Handle with Switch	1
9.	T-5032	PD117-14	Nozzle 1.4mm, Long	10	NS	KT-1182	PA109	A90™ Hand Torch with Leads 6m, fittings	1
	T-5033	PD117-17	Nozzle 1.7mm, Long	10	NS	KT-1375	PA213	A90™ Hand Torch with Leads 6m with centr. conn.	1
	T-5034	PD117-19	Nozzle 1.9mm, Long	10					
10.	T-9527	PD111	Nozzle, Gouging	1					

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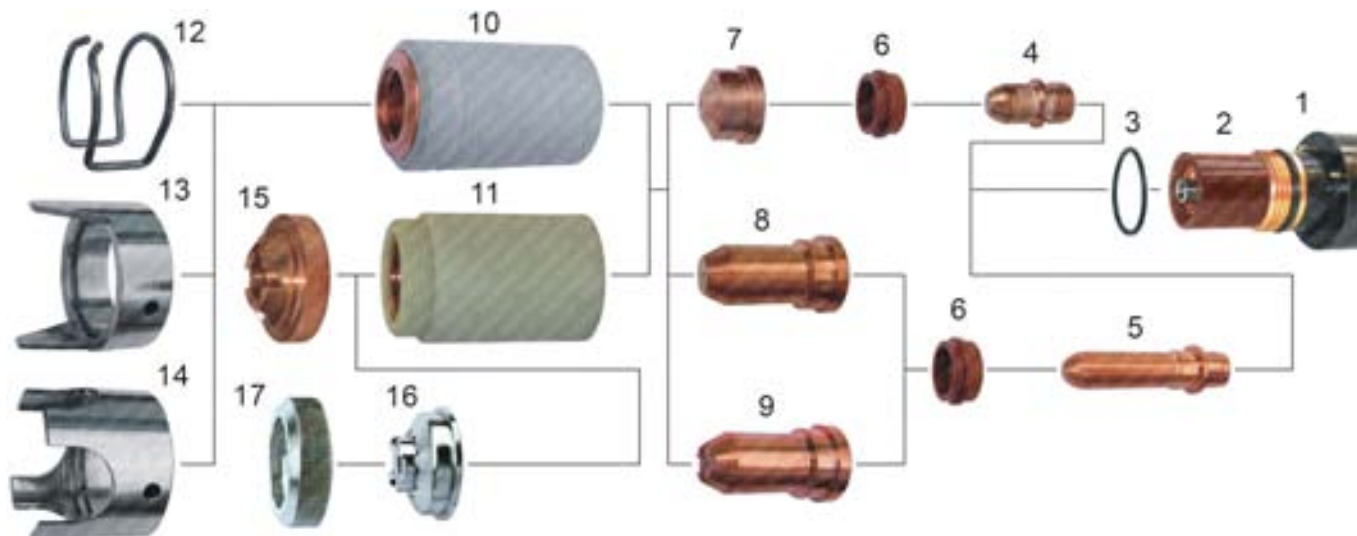
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A140™/P140™



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	TN-0109	PF101	Torch Body, Hand	1	10.	T-10409	PC101	Nozzle Retaining Cap	1
	TN-0106	PF102	Torch Body, Machine	1	11.	T-5013	PC103	Contact Nozzle Ret. Cap	1
2.	T-11114	60080	Insulator brown (present torch design with brown insulator)	1	12.	T-3718	CV11	Spacer Spring	5
	T-11289	T-11289	Insulator black (old TMT torch design with black insulator)	1	13.	T-0643	CV12(1408)	Double Pointed Spacer	1
3.	T-3562	EA131	O-Ring	1	14.	T-5003	CV14	Crown Spacer	6
4.	T-5059	PR101	Electrode	10	15.	T-5004	CV23	Shield Cup	6
5.	T-5065	PR116	Electrode, Long - no thread	5	16.	T-9370		Spacer for Contact Cutting	1
6.	T-5072	PE101	Swirl Ring	2	17.	T-9375		Locking Nut	1
7.	T-2926	PD101-11	Nozzle 1.1mm	5	NS	T-5069	TP12	Insulating Sleeve	1
	T-3349	PD101-14	Nozzle 1.4mm	5	NS	T-5068	TP10	Handle with Switch	1
	T-2955	PD101-17	Nozzle 1.7mm	5	NS	KT-1100	PH148	A140™ Cable Leads 6m, Hand, fittings	1
	T-2954	PD101-19	Nozzle 1.9mm	5	NS	KT-1219	PA101	A140™ Hand Torch with Leads 6m, fittings	1
8.	T-5032	PD117-14	Nozzle 1.4mm, Long	10	NS	KT-1050	PA214	A140™ Hand Torch with Leads 6m, centr.conn.	1
	T-5033	PD117-17	Nozzle 1.7mm, Long	10	NS	KT-1053	PA219	A140™ Hand Torch with Leads 12m, centr.conn.	1
	T-5034	PD117-19	Nozzle 1.9mm, Long	10	NS	KT-1260	KP140-M,8,5M.CK.K	P140™ Cable Leads 8.5m, Hand/Mach., fittings	1
9.	T-9527	PD111	Nozzle, Gouging	1	NS	KT-1119	PA146	P140™ Mach. Torch with Leads 12m, centr.conn.	1

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# ACCESSORIES



Thermacut coolants are suitable for plasma cutting and welding, as well as for welding processes MIG, MAG, TIG (WIG) and other industrial applications.

- Specification: max. conductivity 10 µs/cm, pH 6-8, resist freezing to -12 °C (+10 °F).
- Composition: deionized water 70 %, propylene glycol 30 %.
- Coolant is fully compatible and mixable with original coolants.
- Ecological, fully degradable in the environment.
- Please see product brochure for details.



Item	Part No.	Ref. No.	Description	Std. Pkg	Weight	Dimensions (cm) L x W x H
1.	T-13000	T-13000	Coolant Liquid, Pink, -12 °C, 5L	1	5.1 kg	19 x 14 x 24
			Coolant Liquid, Pink, -12 °C, 5L, 1 PALLET	96	555 kg	120 x 80 x 100
2.	T-13001	T-13001	Coolant Liquid, Clear, -12 °C, 5L	1	5.1 kg	19 x 14 x 24
			Coolant Liquid, Clear, -12 °C, 5L, 1 PALLET	96	555 kg	120 x 80 x 100
3.	T-13004	T-13004	Coolant Liquid, Pink, -12 °C, 200L	1	240 kg	D61-90
			Coolant Liquid, Pink, -12 °C, 200L, 1 PALLET	2	500 kg	120 x 80 x 105
	T-13005	T-13005	Coolant Liquid, Clear, -12 °C, 200L	1	240 kg	D61-90
			Coolant Liquid, Clear, -12 °C, 200L, 1 PALLET	2	500 kg	120 x 80 x 105
4.	T-13007	T-13007	Coolant Liquid, Pink, -12 °C, 1000L	1	1130 kg	120 x 100 x 118
	T-13008	T-13008	Coolant Liquid, Clear, -12 °C, 1000L	1	1130 kg	120 x 100 x 118

TARIC CODE: 3402190000

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## THERMACUT® ELECTRICAL CONDUCTIVITY METER

VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



Professional tool for checking of coolant condition in safe plastic box. For use in Plasma MIG, TIG (WIG). Coolant conductivity above limit dramatically decrease parts lifetime and increase costs of cutting (welding).

Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-12800	T-12800	Electrical Conductivity Meter	1

## ELECTRODE PIT-DEPTH GAUGE

PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



- Electrode Pit-Depth Gauge allows the operator to actually determine how much electrode life remains.
- Replace the electrode at the same time as the nozzle causes replacing electrodes which still are working properly... and money loose.
- Cost-saving investment.
- Practical safe plastic box included.
- See product brochure for electrode burn limits and product details.

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-11600	T-11600	Electrode Pit-Depth Gauge	1

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## THERMACUT® FILTER-EX

PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



Filter for compressed air has been designed to remove moisture, oil aerosols and particulates coming from air compressor. It provides clean, dry and oil-free air, essential for any industrial application.

The filter must be installed as close as possible downstream of the air pressure regulator, in addition to dryers and other filters rather than replacement of the same. The Filter-EX will remove oil aerosols, smokes, moistures and particulates passing through the conventional equipments.

### Data Sheet

Filtering Degree: 0.01 pinch - 0.25 µm

Maximum Pressure: 125 PSI - 8.5 bar

Maximum Flow @ 80%: 2700 SCFH - 1250 l/min.

Temperature Range: 15-140 °F / -10 +60 °C

Size Pipe: 1/4"

Dimension: Ø 5.2" x 7.9" - Ø 132 x 200 mm

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-12452	EX-0-804-001	Air Filter (without connection couplings)	1
2.	T-12453	EX-0-804-002	Cartridge for Air Filter	8
3.	EX-0-802-001	EX-0-802-001	DN 7.2 ES Quick Connect Plug with male thread G 1/4"	1
4.	EX-0-802-002	EX-0-802-002	DN 7.2 ES Quick Connect Coupling with male thread G 1/4"	1

## HEAT SHIELD GREASE

PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)



Grease will make strong heat shield barrier on the front shield of the torch and cover the parts effectively against melted spatter, which are destroying the parts.

- Highly appreciated for high amperage cutting or aluminum cutting applications.
- Please see product brochure for details.

Item	Part No.	Ref. No.	Description	Std. Pkg	Weight	Dimensions (cm) L x W x H
1.	T-12777	T-12777	Heat Shield Grease, 400g	1	400g	
	T-12777	T-12777	Heat Shield Grease, 400g, 1 PALLET	864	370kg	120 x 80 x 140
	T-11701	T-11701	Heat Shield Grease, 50ml	1		

TARIC CODE: 27121090

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## THERMACUT® SILICONE LUBRICANT



Silicone lubricant makes consumables change easy and helps avoid gas/coolant leaking. Stable in high temperature and O<sub>2</sub>.

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-0994	027055	Silicone Lubricant 25ml	1

## SAFETY GLASS SHIELD



Heavy Duty genuine leather casing with standard welding glass 90 x 110 mm DIN12, which can be easily replaced in case of breaking. Make plasma arc visible to reach best cut quality and effectivity.

Item	Part No.	Ref. No.	Description	Std. Pkg
1.	T-11768	T-11768	Safety Glass Shield	1

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## THERMACUT® CONSUMABLE CASE SUITABLE FOR Hypertherm® HPR®130/HPR®260

PRODUCT BROCHURE WITH DETAILS AT  
[WWW.THERMACUT.COM](http://WWW.THERMACUT.COM)

PORTABLE AND PRACTICAL CONSUMABLE CASE CONTAINS THE MILD STEEL CUTTING LINE OF 130A AND 260A CONSUMABLES SUITABLE FOR THE HYPERTHERM® HPR®130/HPR®260 PLASMA CUTTING SYSTEM. THE KIT ALSO CONTAINS THE THERMACUT REPLACEMENT TORCH, ADAPTOR AND THE TOOL NECESSARY FOR CONSUMABLE REPLACEMENT.



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11144	220176	Inner Retaining Cap 80/130A	1	13.	T-10938	220439	Nozzle 260A	5
2.	T-11150	220433	Inner Retaining Cap 260A	1	⊕ 14.	T-9920	⊕ 220181-UR	Electrode 130A	3
*3.	T-9961*	220173-UR	Shield Cap 30-130A	1	⊕ 15.	T-9974	⊕ 220435-UR	Electrode 260A	3
*4.	T-9964*	220398-UR	Shield Cap 200/260A (130/260A, Bevel)	1	⊕ 16.	T-11203	⊕ 220181-PRO	Electrode 130A (=220665-PRO), Silver PRO	1
5.	T-11138	220163	Receptacle Q. D. Original design	1	⊕ 17.	T-11197	⊕ 220435-PRO	Electrode 260A (=220668-PRO), Silver PRO	1
6.	T-11137	220162	Torch Q. D. Orig. design (included 2pcs. Cooling Tube 220340-UR)	1	⊕ 18.	T-4917	⊕ 220181-AG	Electrode 130A, SilverEX-®	1
⊕ 7.	T-9882	⊕ 220340-UR	Cooling Tube 30-260A	1	⊕ 19.	T-4926	⊕ 220435-AG	Electrode 260A, SilverEX-®	1
**8.	T-9970**	220440-UR	Shield 260A	4	20.	T-0994	027055	Silicone Lubricant 25ml	1
9.	T-9839	220183	Shield 130A	2	*21.	TN-0069*	104119-UR	Consumables Removal Tool	1
10.	T-10295	220179	Swirl Ring 80/130 (130A Bevel)	1	22.	T-12444		Box with Parts	1
11.	T-10271	220436	Swirl Ring 260A (260A Bevel)	1	23.	T-12445		Empty Box	1
12.	T-10934	220182	Nozzle 130A	5					

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

⊕ 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

\*\* SHIELD OFFERS BETTER LIFETIME BECAUSE OF IMPROVED DESIGN AND IS FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

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## THERMACUT® CONSUMABLE CASE SUITABLE FOR Hypertherm® HPR®130XD/HPR®260XD

PORTABLE AND PRACTICAL CONSUMABLE CASE CONTAINS THE MILD STEEL CUTTING LINE OF 130A AND 260A CONSUMABLES SUITABLE FOR THE HYPERTHERM® HPR®130XD/HPR®260XD PLASMA CUTTING SYSTEM. THE KIT ALSO CONTAINS THE THERMACUT REPLACEMENT TORCH, ADAPTOR AND THE TOOL NECESSARY FOR CONSUMABLE REPLACEMENT.



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11273	220756	Inner Retaining Cap 80/130A	1	13.	T-10938	220439	Nozzle 260A	5
⊕ 2.	T-11275	⊕ 220760-UR	Inner Retaining Cap 260A	1	ⓑ 14.	T-9920	ⓑ 220181-UR	Electrode 130A	3
3.	T-11271	220747	Shield Cap 30-130A	1	ⓑ 15.	T-9974	ⓑ 220435-UR	Electrode 260A	3
⊕ 4.	T-11270	⊕ 220637-UR	Shield Cap 200-400A	1	ⓑ 16.	T-11203	ⓑ 220181-PRO	Electrode 130A (=220665-PRO), Silver PRO	1
5.	T-11844	220705	Quick-Disconnect Receptacle	1	ⓑ 17.	T-11197	ⓑ 220435-PRO	Electrode 260A (=220668-PRO), Silver PRO	1
6.	T-11834	220706	Quick-Disconnect Torch	1	ⓑ 18.	T-4917	ⓑ 220181-AG	Electrode 130A, SilverEX®	1
ⓑ 7.	T-9882	ⓑ 220340-UR	Cooling Tube 30-260A	1	ⓑ 19.	T-4926	ⓑ 220435-AG	Electrode 260A, SilverEX®	1
⊕ 8.	T-11277	⊕ 220764-UR	Shield 260A	4	20.	T-0994	027055	Silicone Lubricant 25ml	1
9.	T-9839	220183	Shield 130A	2	*21.	TN-0069*	104119-UR	Consumables Removal Tool	1
10.	T-10295	220179	Swirl Ring 80/130A (80/130A Bevel)	1	22.	T-12446		Box with Parts	1
11.	T-10271	220436	Swirl Ring 260A (260A Bevel)	1	23.	T-12447		Empty Box	1
12.	T-10934	220182	Nozzle 130A	5					

\* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN

⊕ MUST BE USED ONLY AS A SET OF SHIELD, SHIELD CAP AND INNER RETAINING CAP, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

ⓑ 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

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## THERMACUT® CONSUMABLE CASE SUITABLE FOR ESAB® PT-36™

PORTABLE AND PRACTICAL CONSUMABLE CASE CONTAINS THE MILD STEEL CUTTING LINE CONSUMABLES SUITABLE FOR THE ESAB® PT-36™ PLASMA CUTTING SYSTEM. THE KIT ALSO CONTAINS THE THERMACUT REPLACEMENT TORCH AND THE TOOL NECESSARY FOR CONSUMABLE REPLACEMENT.



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	13.	T-4636	0558001625	Gas Swirl Baffle, 8 x 0.047, 300-600A	1
2.	T-10334	0558006166	Shield Cup 6.6mm 290-450A	3	14.	T-11942	37073	Screw, Contact Ring	1
3.	T-2269	21944	Diffuser 100-600A	1	15.	T-11863	0558003858	Contact Ring with Screw 37073 (=37071)	1
4.	T-10129	37082	Nozzle Retaining Cap, Standard	1	16.	T-11208	0558003804	Torch Body PT-36™	1
5.	T-10970	0558006018	Nozzle 1.8mm 100/130A MS, 100A SS/AL	3	17.	N-20426	93750010	Hex Key Wrench	1
6.	T-10338	0558006020	Nozzle 2.0mm 150/200A MS/AL, 130/150A SS	3	18.	T-11665	0558003918 OEM	Electrode Holder Wrench	1
7.	T-10443	0558006030	Nozzle 3.0mm 325/360A MS, 360A SS/AL	3	19.	T-0994	027055	Silicone Lubricant 25ml	1
8.	T-10292	0558006041	Nozzle 4.1mm 600A SS/AL	2	20.	T-12020	T-12020	Box with Parts PT-36™	1
9.	T-11290	0558003914-PRO	Electrode 100-450A, O <sub>2</sub> , Silver PRO	5	21.	T-12027	T-12027	Empty Box PT-36™	1
10.	T-11910	0558003928-UR	Electrode, N <sub>2</sub> /H35	5					
11.	T-11319	0558003924-UR	Electrode Holder	1					
12.	T-4606	0558002533	Gas Swirl Baffle, 4 x 0.032, 100-280A	1					

⊕ MUST BE USED AS A SET OF ELECTRODE HOLDER AND ELECTRODE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.

-PRO SILVER PRO TECHNOLOGY INCREASES ELECTRODE LIFETIME SIGNIFICANTLY COMPARED TO STANDARD COPPER ELECTRODES

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## DEFINITIONS OF SUFFIXES, SYMBOLS & ABBREVIATIONS

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### SUFFIXES

**OEM** - Original Equipment Manufacturer (Original parts) - company which makes a part that is used in another company's end product.

**UR** - Unique Replacement - Thermacut company suffix - means product fully interchangeable with original parts (OEM) but differs from original design. Sometimes necessary to use in combination with other - UR parts, sometimes alone, without other conditions.

**AG** - ARGENTUM - Silver / Heavy duty electrode, made from a silver alloy of high purity, offers better lifetime.

**PRO** - SILVER PRO technology (Silver insert in the copper electrode) - constructional version between silver and copper electrode, significantly increases electrode lifetime compared to the standard copper electrode. The advantage of a good price / performance ratio.

### ABBREVIATIONS

**MS** - MILD STEEL

**SS** - STAINLESS STEEL

**AL** - ALUMINIUM and its alloys

**CC** - CENTRAL CONNECTOR

**Q. D.** - QUICK DISCONNECT

**HD** - HEAVY DUTY - offers higher thermal resistance of thread area, which could be damaged during piercing.

**W/** - WITH


**W/O** - WITHOUT

**NS** - NOT SHOWN IN THE PICTURE

**CW/CCW** - CLOCK WISE / COUNTER CLOCK WISE gas swirling

**IEP** - Planned End of Production at shown date - part will not be available after this date.

### SYMBOLS

 - Symbols used in catalogue as the explanatory note.

- This symbols always point to the part/s which Must be used only as a set with another pointed part/s.

**(i)/(ii)** - Information about limited distributing of marked part on specific market.

**!** - Ohmic contact wire is not part of the cable leads.

**!!!** - Demo is inoperative, for exhibition purposes only!

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**SMART SOLUTION** - design improvements that brings added value such as improved lifetime of consumables, excellent cut quality, speed or better cost effectiveness of your system.



## REVISION HISTORY

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CEBORA® SECTION - Revision on PAGE 14 - 12/05/2020 - Item numbers corrected in the table.

Hypertherm® SECTION - Revision on PAGES 48-49 - 12/05/2020 - Part T-13153 added to the table.

Hypertherm® SECTION - Revision on PAGES 82-87 - 12/05/2020 - Picture of Torch and Cable Leads item changed.

Hypertherm® SECTION - Revision on PAGES 88-89 - 12/05/2020 - Part T-13146 added to the table. Part KT-1505 added to the picture and to the table. Footnote changed.

KJELLBERG® SECTION - Revision on PAGES 124-125 - 12/05/2020 - Description of parts T-10804, T-10558 changed. Footnote added.

CEBORA® SECTION - Revision on PAGE 14 - 28/02/2020 - Pictures of parts T-11949, T-11856 changed.

CEBORA® SECTION - Revision on PAGES 16-17 - 28/02/2020 - Pictures of parts T-8955, T-8746 changed.

Hypertherm® SECTION - Revision on PAGE 38 - 28/02/2020 - Part KT-1268 removed from the picture and from the table. Parts KT-1071, KT-1077 removed from the table. Part KT-1079 added to the picture.

Hypertherm® SECTION - Revision on PAGES 54-55 - 28/02/2020 - Parts T-12233, T-12256 removed from the picture and from the table. Torches and cable leads information added to the picture and to the table.

Hypertherm® SECTION - Revision on PAGES 56-57 - 28/02/2020 - Picture of parts KT-1513, KT-1514, KT-1515 changed. Torches and cable leads information added to the picture and to the table.

Hypertherm® SECTION - Revision on PAGES 58, 59 - 28/02/2020 - New product page added.

Hypertherm® SECTION - Revision on PAGES 92-93 - 28/02/2020 - Picture of parts T-11955, T-11959 changed.

Hypertherm® SECTION - Revision on PAGES 94-95 - 28/02/2020 - Picture of part T-11955 changed.

KALIBURN® SECTION - Revision on PAGE 108 - 28/02/2020 - Picture description corrected.

LINCOLN ELECTRIC® SECTION - Revision on PAGES 130-133 - 28/02/2020 - New product line added.

Hypertherm® SECTION - Revision on PAGES 56-57 - 25/11/2019 - Parts T-13067, T-13068 added to the table. Footnote added.

Hypertherm® SECTION - Revision on PAGES 64-65 - 25/11/2019 - Part T-8859 removed from the table. Description of parts T-9757, T-4066 changed.

Hypertherm® SECTION - Revision on PAGES 66-67 - 25/11/2019 - System name changed. Parts T-12227, T-13097, T-13096 added to the picture and table. Parts T-13094, T-13095 added to the table. Part T-11348 added to the picture. HD (Heavy Duty) footnote added to the parts T-13094, T-13095.

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