

# PRODUCT CATALOG

**THERMACUT<sup>®</sup>**  
**THE CUTTING COMPANY<sup>®</sup>**

## **CUSTOMER SERVICE DEPARTMENT:**

TEL. (800) 932-8312 OR (603) 542-6715  
FAX (800) 972-6255 OR (603) 542-2867  
E-MAIL: SALES@THERMACUT.COM

## **SHIPPING:**

SAME-DAY (ORDERS PLACED BY 3:00 PM E.S.T.)  
MINIMUM ORDER: \$50.00

## **FREIGHT POLICY, CONTINENTAL USA:**

ORDERS OVER \$500 SHIP FREE VIA UPS GROUND OR TRUCK SERVICE (OUR CHOICE).  
BACK ORDERS WILL BE SHIPPED FREE VIA UPS GROUND OR AIR FOR TWO (2) DAY DELIVERY (OUR CHOICE).

## **FREIGHT POLICY, HAWAII, ALASKA, PUERTO RICO:**

CUSTOMER PAYS ALL FREIGHT CHARGES.

## **FREIGHT POLICY, CANADA:**

ORDERS OVER \$500 SHIP FREE VIA UPS CANADA STANDARD OR TRUCK SERVICE (OUR CHOICE). BACK ORDERS  
WILL BE SHIPPED VIA FREE UPS GROUND OR AIR FOR TWO (2) DAY DELIVERY (OUR CHOICE).  
ALL OTHER ORDERS OR SHIPPING METHODS THE CUSTOMER PAYS ALL FREIGHT CHARGES.

## **RETURNS:**

RETURN GOODS AUTHORIZATION (RGA) REQUIRED. SPECIAL ORDER, OEM ITEMS, OR PURCHASES OVER 1-YEAR  
OLD ARE NON-RETURNABLE. RETURNS MUST BE IN ORIGINAL PACKAGING WITH LEGIBLE LOT NUMBERS; RETURNED  
TORCHES MUST HAVE USED CONSUMABLES "IN-PLACE" (SEE WARRANTY SECTION).  
CREDITS MUST BE USED WITHIN 90 DAYS OF ISSUANCE.

## **APPROVALS/PAYMENT METHODS:**

FAST CREDIT APPROVAL NET-30 TERMS, C.O.D, VISA, MASTER CARD, AMERICAN EXPRESS, DISCOVER. OVERDUE AC-  
COUNTS ARE SUBJECT TO CREDIT HOLD.

## **TECHNICAL SUPPORT:**

CONTACT CUSTOMER SERVICE DEPARTMENT

## **PRICING:**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE. QUOTES GOOD FOR 30 DAYS.

## **TERMS & CONDITIONS:**

THERMACUT, INC. OFFERS TO SELL PRODUCTS TO YOU UNDER OUR STANDARD TERMS AND CONDITIONS. OUR  
STANDARD TERMS AND CONDITIONS CAN BE VIEWED ON OUR WEBSITE [WWW.THERMACUT.COM](http://WWW.THERMACUT.COM), OR YOU CAN  
CALL (603) 542-6715 AND REQUEST THAT THEY BE MAILED TO YOU. WE OBJECT TO ANY DIFFERENT OR ADDI-  
TIONAL TERMS.



## LIMITED WARRANTY

Statement of Limited Warranty: Subject to the terms and conditions below, Thermacut, Inc., Claremont, New Hampshire, (Seller) warrants to the original Buyer that its new Thermacut products sold after the effective date of this limited warranty, April 24, 2005 will be free of defects in materials and workmanship at the time it is shipped by Seller. For purposes of this warranty, a defective item is an item that is found by Seller to have been defective in materials or workmanship, if the defect materially impairs the value of the goods to Buyer. If Buyer shall have approved a sample or drawing of, or specifications for, the goods, then the goods shall not be defective to the extent they conform to the sample, drawings, or specifications

Limitation of Liability: Seller's liability under this warranty shall be limited at its sole option to repairing or replacing any defective goods at Seller's factory or issuing a credit to Buyer for the purchase price of the defective goods. In any case, Seller shall have no liability under this warranty except for goods returned to Seller's factory, freight prepaid, and with a valid Returned Goods Authorization number within the warranty period (see below) after delivery of the goods to Buyer. If Buyer does not return the defective goods to Seller within the warranty period after the delivery of the goods to the Buyer, any claim for breach of warranty shall be conclusively deemed to have been waived and Seller shall not be liable under this warranty. Seller's acceptance of any goods returned shall not be deemed an admission that the goods are defective, or in breach of any warranty, and if Seller determines that the goods are not defective based on Seller's accepted method of testing, the goods shall be reshipped to Buyer at Buyer's expense. All parts returned and retained by Seller shall become Seller's property. Seller will not accept or be liable for back charges for labor or repair costs incurred by Buyer without the prior written consent of Seller. This warranty shall not apply to any goods that have been altered or repaired, or that have been subject to misuse, negligence or accident, including, without limitation, use and operation of the goods while any parts are loose, broken or damaged or have been used with parts other than original Seller parts, which may affect performance or safety. Seller's liability for any defect in the goods shall not exceed the purchase price of the goods

THE WARRANTIES HEREIN ARE IN LIEU OF ALL WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE. IN PARTICULAR, SELLER MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Seller shall not be liable for incidental or consequential damages arising from any product defect, delay, recall, non-delivery or other breach. Seller shall not be liable to Buyer in tort, including, but not limited to any claim for negligent manufacture of the goods or for the omission of any warning there-from.

No employee, representative, agent or distributor of Seller except the President of Seller has authority to modify, expand or extend this warranty, to waive any of the limitations or exclusions, or to make any different or additional warranties with respect to the goods. On any resale of the goods, Buyer shall contractually limit its customer's rights and remedies against both Buyer and Seller to the same extent as Buyer's rights and remedies are limited under this warranty. Notwithstanding any other provision in this agreement, Seller shall not be liable to a customer of Buyer for any modification, extension or expansion of this warranty by Buyer beyond the scope of this warranty or for any different or additional warranties made by Buyer with respect to the goods.

Plasma Torches with or without leads .....	1 Year
Plasma Torch Replacement Parts .....	90 Days
Plasma Consumable Components * .....	Defect only
Laser Replacement Parts .....	90 Days
Oxy-Fuel Replacement Parts.....	90 Days
TIG Torches with or without leads .....	90 Days
TIG Torch Replacement Parts .....	90 Days
TIG Consumable Components * .....	Defect only
MIG Torches and Leads .....	90 Days
MIG Torch Replacement Parts .....	90 Days
MIG Consumable Components * .....	Defect only
OEM Torches and leads .....	No Warranty Allowed
OEM consumable components .....	No Warranty Allowed

\*Thermacut is not responsible for the replacement of any consumable components due to normal wear.

Obligations of the User: These products will perform in accordance to the manufacturers or OEM requirements when installed, operated, maintained and repaired as recommended. Parts that are broken, missing, worn, distorted or contaminated should be repaired immediately. Should such a repair or replacement become necessary Thermacut recommends that a request be made to an Authorized Distributor from whom the product was purchased. Torches returned to Thermacut for warranty due to the failure to conform must be accompanied by the torch parts used at the time of non-conformance. Failure to comply will void the warranty.

## A PROGRESSIVE COMPANY FOR AN EVOLVING MARKET

Over a period of 25 years the Thermacut Group has undergone a multitude of changes. Thermacut (originally Tattras Imports Inc.) was incorporated in Claremont, New Hampshire in 1990 and sold 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 and a sales office in the Czech Republic in 1996 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 fourteen sales subsidiaries and with a close partnership with Abicor-Binzel (an IBG owned company) with locations in India, the Middle East, Turkey, Belarus, Denmark, Norway, Sweden, Finland, United Kingdom, Japan, South Korea, Vietnam and Australia. 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 of the Czech Republic.

The Thermacut Group has focused its efforts in providing high quality direct replacement consumable and torch product lines that will meet or exceed the expectations of our valued customers, cutting and welding metals thermally throughout the world. But as our customer base expanded, their expectations and demands also increased, where 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 SilverEX-® electrodes, plus the patented

TungstenEX™ nozzles. At that time to signify our advanced products offerings we also updated our corporate image, introducing a new logo, a new orange and black color scheme, and a new slogan: "Advanced Consumables" and a mission to be the Providers of Advanced Cutting and Welding Consumables Worldwide.

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 enhances our customer's ongoing requests 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 will feature a 105 amp system. Thermacut also had the 65 and 85 amp systems on display.

During 2015 the line of plasma systems will be rolled out on a planned basis, which will range from 30 amps to 125 amps. This change will mark a major commitment to our valued customers throughout the world and thrust Thermacut into the ranks of a full line plasma OEM.

Recognizing this continuing evolution is important, so the Thermacut Group has updated its logo, change its' slogan to "The Cutting Company" and further its mission by becoming a "Global Provider of Thermal Cutting Technology".





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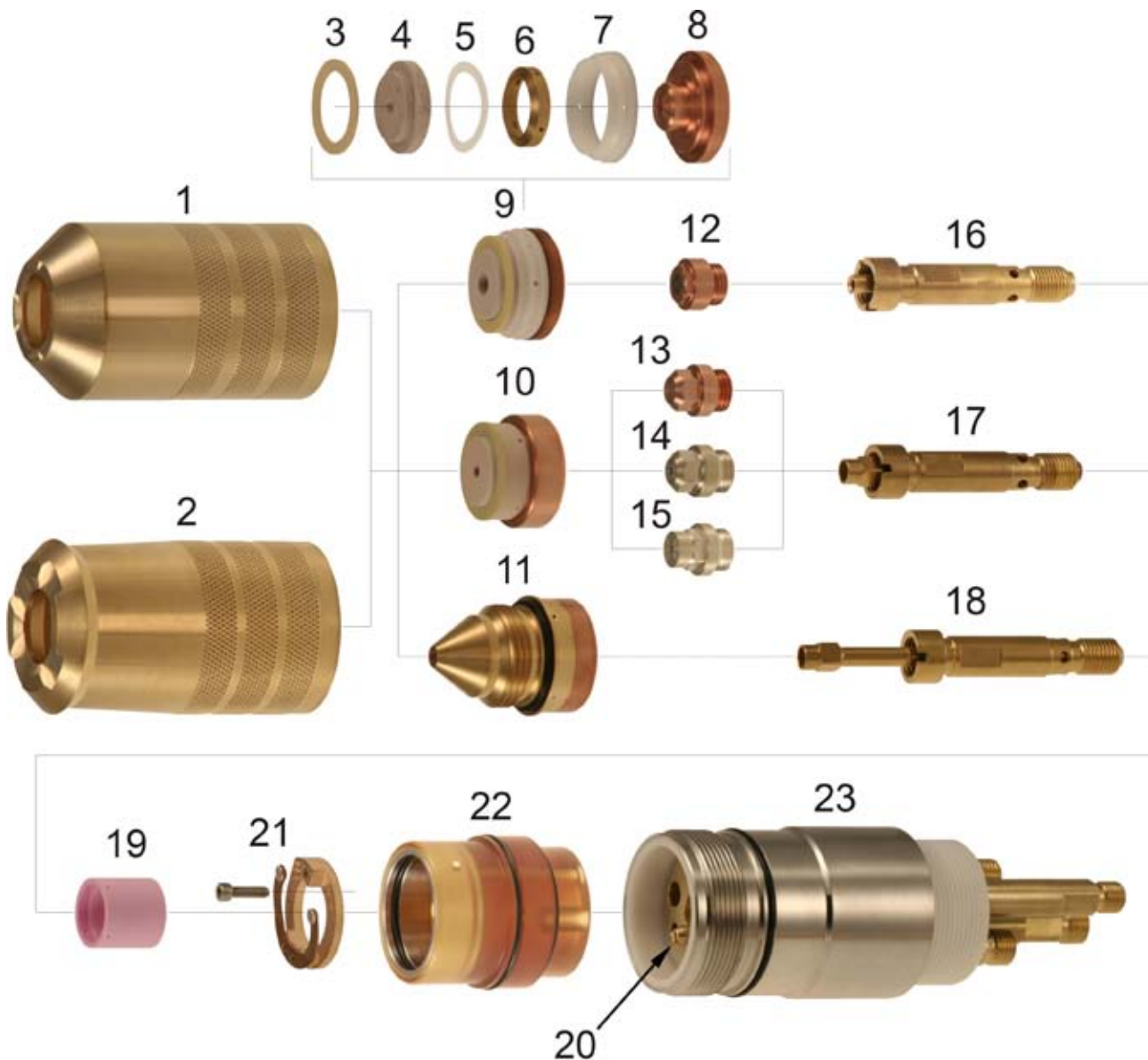


# PLASMA CUTTING

**THERMACUT**<sup>®</sup>  
THE CUTTING COMPANY<sup>®</sup>

# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-15®, PT-15XL®



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**THERMACUT®**  
THE CUTTING COMPANY™

THERMACUT, INC.  
153 CHARLESTOWN ROAD  
CLAREMONT, NH 03743

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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	11.	T-10209	21962	Nozzle Bevel 300A, O <sub>2</sub>	1
2.	T-1246	20759	Nozzle Retaining Cup, N <sub>2</sub> /H <sub>35</sub>	1		T-10329	21963	Nozzle 260–300A, CCW	1
NS	T-0356	996230	Retaining Cup	1	NS	T-11325	0558005866	Nozzle 400A O <sub>2</sub> , Bevel	1
3.	T-0354	996628	Gasket	1	12.	T-0328	600236	Electrode 250–1000A, N <sub>2</sub>	5
4.	T-0350	2075693	Insulator, 0.140", N <sub>2</sub>	5	13.	T-0329	20763	Electrode 260A, O <sub>2</sub>	5
	T-0351	2075617	Insulator, 0.180", N <sub>2</sub>	5	14.	T-4900	20763-AG	Electrode 260A, O <sub>2</sub> , SilverEX®	5
	T-0352	2075606	Insulator, 0.225", N <sub>2</sub>	5	15.	T-4906	35666XL-AG	Electrode 125–340A, O <sub>2</sub> , SilverEX®	5
	T-0353	2075607	Insulator, 0.260", N <sub>2</sub>	1	16.	T-0326	2075343	Electrode Holder	1
	T-1604	2075588	Insulator, 0.500"	5	17.	T-0327	20398	Electrode Holder	1
NS	T-10683	20409-UR	Insulator	1	18.	T-1253	34084	Electrode Holder	1
5.	T-0349	996619	Spacer	5	19.	T-0322	948142	Gas Baffle, 4 Hole, CW	1
6.	T-0346	2075584	Swirl Ring, 4 Hole, CW	1		T-0320	2075341	Gas Baffle, 4 Hole, CW, N <sub>2</sub>	1
	PT-10567	2075616	Swirl Ring, 4 Hole, CCW	1		T-0323	948143	Gas Baffle, 4 Hole, CCW	1
7.	T-0348	996618	Centering Sleeve	5		T-0321	2075360	Gas Baffle, 4 Hole, CCW, N <sub>2</sub>	1
8.	T-0345	19810	Nozzle Base 875–1000A	1		T-1869	1361201	Gas Baffle, 8 Hole, CW	1
	T-0342	2075608	Nozzle Base 400A	1		T-2019	35660	Gas Baffle, 8 Hole, CW	1
	T-0343	2075609	Nozzle Base 600A	1		T-11659	35661	Gas Baffle, 8 Hole, CCW	1
	T-0344	2075610	Nozzle Base 750A	1		T-0324	2075586	Gas Baffle, 8 Hole, CCW	1
9.	T-0332	2075611	Nozzle 400A, N <sub>2</sub>	1	20.	T-1247	996242	Locating Pin	1
	T-1966	2075612	Nozzle 600A, N <sub>2</sub>	1	21.	T-1248	21940 OEM	Contact Ring	1
	T-1968	2075613	Nozzle 750A, N <sub>2</sub>	1	22.	T-0319	20755	Insulator	1
	T-0333	2075614	Nozzle 400A, N <sub>2</sub> , CCW	1	23.	T-0318	20754	Torch Body, Machine	1
	T-9645	2075615	Nozzle 600A, N <sub>2</sub> , CCW	1	NS	T-10682**	20408-UR	H.F. Connector	1
	T-9644	2075692	Nozzle 250A, CCW	1	NS	T-10476**	17504-UR	Adaptor, Water-Out	1
	T-10321	20751-UR	Nozzle 260A, O <sub>2</sub>	1	NS	T-10474**	17501-UR	Adaptor, Water Injection	1
	T-0338	2075587	Nozzle 875–1000A, H <sub>35</sub>	1	NS	T-10475**	17503-UR	Adaptor, Water-In	1
	T-1976	2075691	Nozzle 250A, N <sub>2</sub>	1	NS	KT-1447	20762	PT-15XL® Torch with Leads 1.8m (6')	1
	T-3584	2075611-2	Nozzle 400A, N <sub>2</sub>	1	NS	KT-1159	000128	PT-15XL® Cable Leads, 1.8m (6')	1
10.	T-1716	35664	Nozzle 340A, O <sub>2</sub>	1	NS	KT-1118	K.PT-15XL.3M.K	PT-15XL® Cable Leads, 3m (10')	1
	T-0339	20751	Nozzle 260A, O <sub>2</sub>	1	NS	KT-1160	000124	PT-15XL® Cable Leads, 5.1m (17')	1
	T-0340	20920	Nozzle 260A, O <sub>2</sub> , CCW	1	NS	KT-1158	000129	PT-15XL® Cable Leads, 6.1m (20')	1
	T-10322**	20920-UR	Nozzle 260A, O <sub>2</sub> , CCW	1	NS	KT-1105	000328	PT-15XL® Cable Leads, 7.6m (25')	1
	T-1715	35662	Nozzle 300A, O <sub>2</sub>	1					

\*\* 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 Counter Wise (CW) swirling parts.

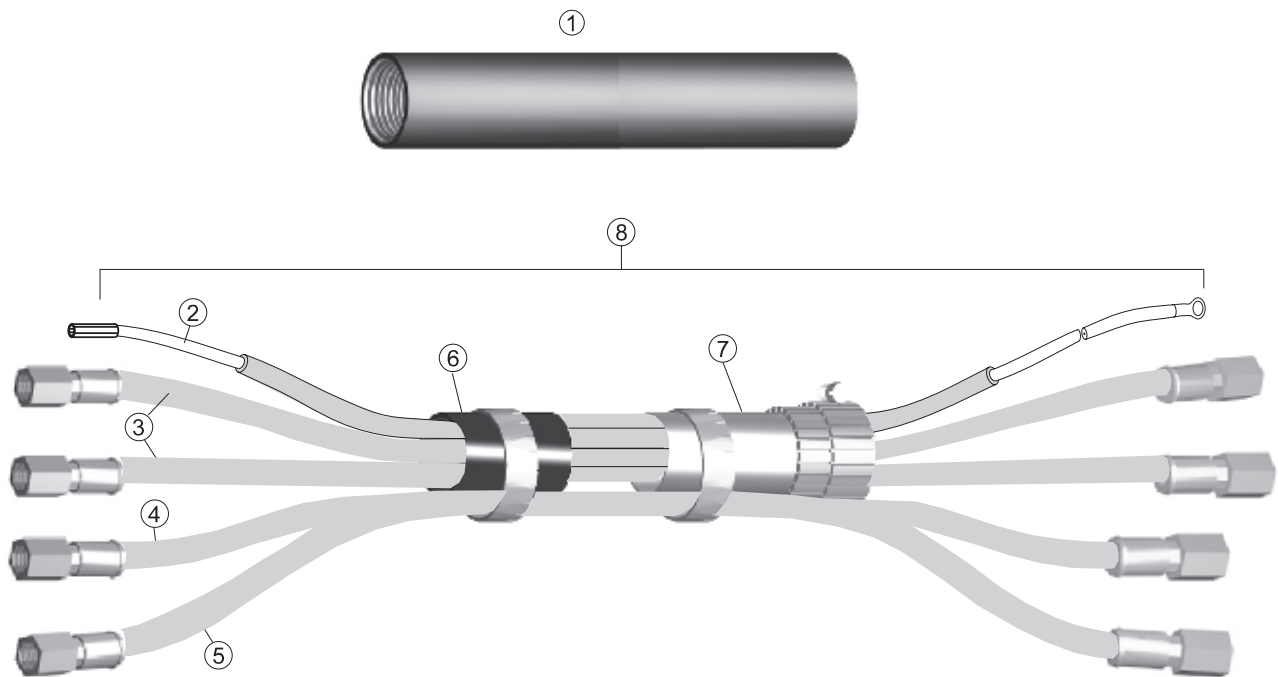
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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-15®, PT-15XL® Torch



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**THERMACUT®**  
THE CUTTING COMPANY™

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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1337	19483	Insulating Sleeve	1	T-1356	21258		Injection Hose, 20', ESP	1
2.	T-2309	34357	Pilot Arc Cable, 6', ESP	1	T-1357	21259		Injection Hose, 25', ESP	1
	T-1339	34358	Pilot Arc Cable, 12', ESP	1	T-1353	996250		Injection Hose, 6', PCM-8	1
	T-1340	21263	Pilot Arc Cable, 15', ESP	1	T-2315	602714		Injection Hose, 8', PCM-8	1
	T-1341	21264	Pilot Arc Cable, 20', ESP	1	6.	T-1358	T-1358	Tubing	1
	T-1342	21265	Pilot Arc Cable, 25', ESP	1	7.	T-1359	T-1359	Shielding Braid	1
	T-1961	20760	Pilot Arc Cable, 6', PCM-8	1	8.	T-1360	T-1360	Lead Package, 6', ESP	1
	T-2312	602715	Pilot Arc Cable, 8', PCM-8	1	T-1361	T-1361		Lead Package, 12', ESP	1
	T-4020	996251	Pilot Arc Cable	1	T-1362	T-1362		Lead Package, 15', ESP	1
3.	T-1343	996248	Power Cable, 6', ESP	1	T-1363	T-1363		Lead Package, 20', ESP	1
	T-1344	34363	Power Cable, 12', ESP	1	T-1364	T-1364		Lead Package, 25', ESP	1
	T-1345	21266	Power Cable, 15', ESP	1	T-0999	T-0999		Lead Package, 6', PCM-8	1
	T-1346	21267	Power Cable, 20', ESP	1	T-1365	T-1365		Lead Package, 8', PCM-8	1
	T-1347	21268	Power Cable, 25', ESP	1	T-0517	21304		15XL w/ Leads, 6' ESP	1
	T-1343	996248	Power Cable, 6', PCM-8	1	T-1366	21305		15XL w/Leads, 12' ESP	1
	T-2313	602712	Power Cable, 8', PCM-8	1	T-1367	21301		15XL w/Leads, 15' ESP	1
4.	T-2310	34360	Gas Hose, 6', ESP	1	T-1368	21302		15XL w/Leads, 20' ESP	1
	T-1349	34361	Gas Hose, 12', ESP	1	T-1369	21303		15XL w/Leads, 25' ESP	1
	T-1350	21260	Gas Hose, 15', ESP	1	T-0218	20762		15XL w/Leads, 6' PCM8	1
	T-1351	21261	Gas Hose, 20', ESP	1	T-0518	602711		15XL w/Leads, 8' PCM8	1
	T-1352	21262	Gas Hose, 25', ESP	1	NS T-1370	20408 OEM		Connector, H.F.	1
	T-1348	996249	Gas Hose, 6', PCM-8	1	NS T-1371	20409 OEM		Insulator, H.F.	1
	T-2314	602713	Gas Hose, 8', PCM-8	1	NS T-1372	21082 OEM		H.F. Wire	1
5.	T-2311	34354	Injection Hose, 6', ESP	1	NS T-1373	20403 OEM		Wire Insulator	1
	T-1354	34355	Injection Hose, 12', ESP	1	NS T-4020	996243		Plug for Pilot Arc Cable	1
	T-1355	21257	Injection Hose, 15', ESP	1					

Last update of this page: 16/08/2014. See Revision history for details.



# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-17A®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1897	19989	Heat Shield Guard	1	T-1945	20427 OEM		Cutting Tip 100A, Gouging	1
2.	T-1201	19502	Shroud, (=19499)	1	5.	T-0305	19918	Electrode	10
3.	T-0299	19124	Heat Shield	1	6.	T-1202	19114	Baffle Tube	1
	T-2354	19122	Heat Shield	1	7.	T-1203	20053	Electrode Adaptor	1
	T-1954	20747	Heat Shield, HD	1	8.	T-1204	20008	Torch Body 70° - Hand	1
4.	T-1200	19914	Cutting Tip 30A	5	9.	T-1206	19498	Shroud Cap	1
	T-0301	19915	Cutting Tip 50A	5	10.	T-1205	20010	Torch Body, Machine	1
	T-0302	19916	Cutting Tip 70A	5	11.	T-1890	19575	Gasket	1
	T-0303	19917	Cutting Tip 80A	5	NS	T-0300	19124-1	Heat Shield	1
	T-0304	20056	Cutting Tip 100A	5	NS	T-1897	19989	Heat Shield, Drag	1
	T-1944	20426	Cutting Tip 70A, Gouging	5	NS	T-1882	18619	Insulator	1

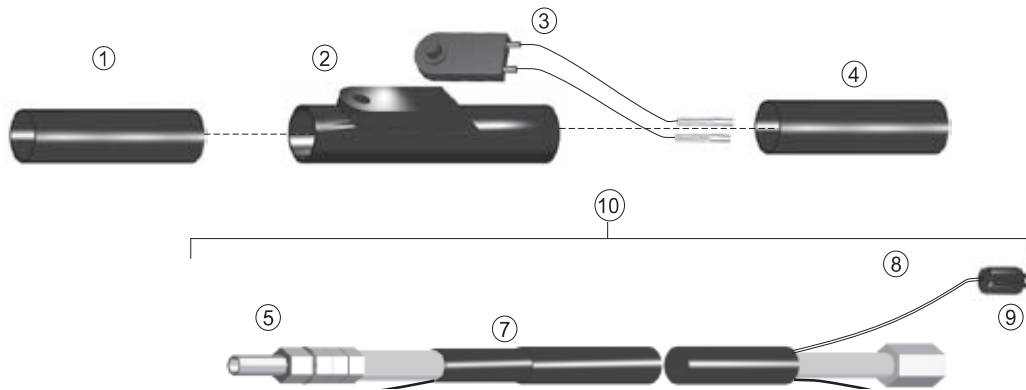
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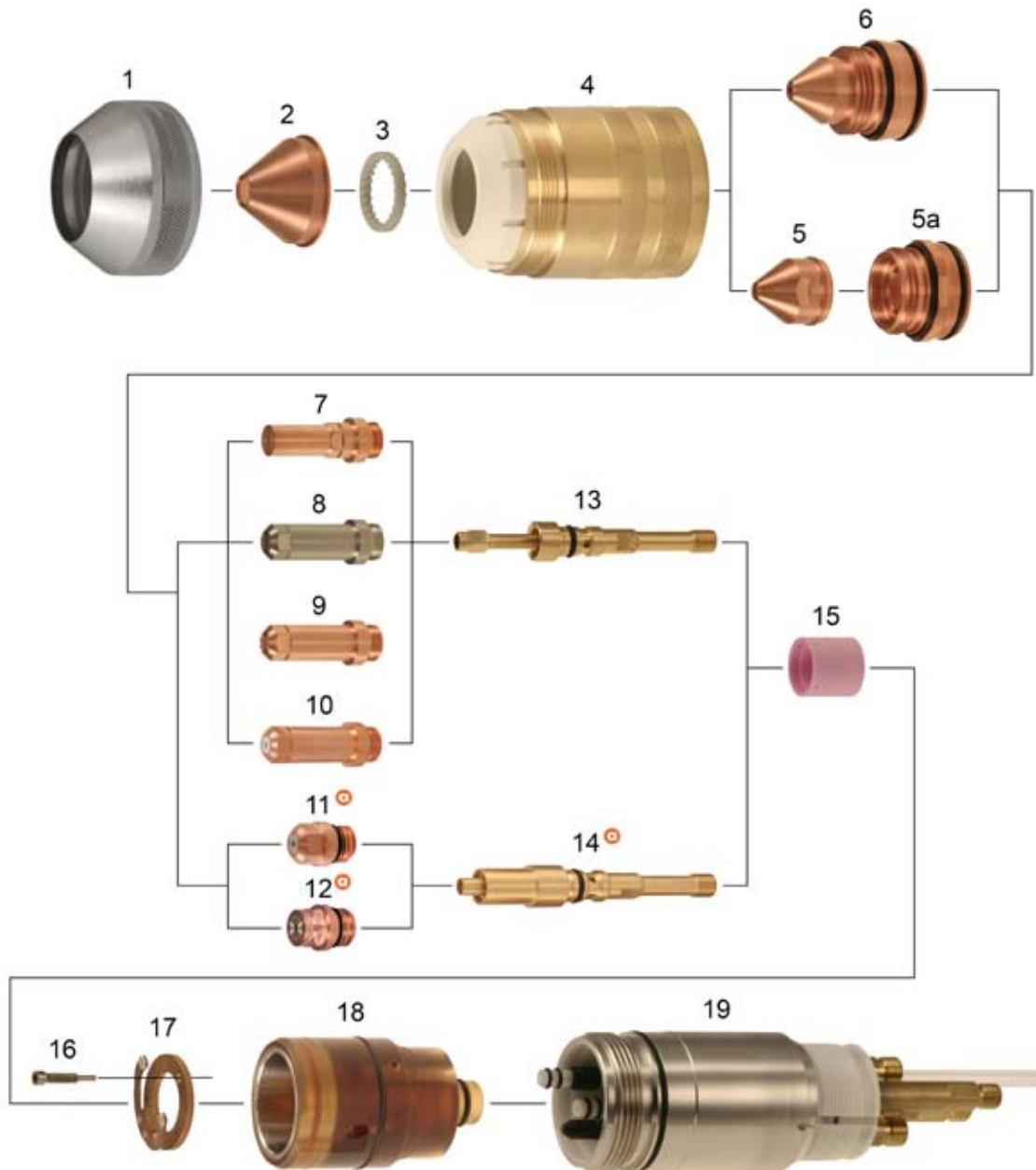


Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1207	18635 OEM	Handle	1	T-1217	T-1217		Control Cable, 50'	1
2.	T-1208	19127 OEM	Switch Band	1	9.	T-1187	2062336 OEM	Plug	1
3.	T-1179	18224	Switch	1	10.	T-1218	T-1218	Hand Leads, 25'	1
4.	T-1209	19156 OEM	Flex Support	1		T-1219	T-1219	Hand Leads, 50'	1
5.	T-1210	19993	Power Cable, 25'	1		T-1220	T-1220	Machine Leads, 25'	1
	T-1211	19994	Power Cable, 50'	1		T-1221	T-1221	Machine Leads, 50'	1
6.	T-1212	17277	Pilot Arc Cable, 25'	1	NS	T-1222	19999	Hand Torch w/25' Leads	1
	T-1213	19322	Pilot Arc Cable, 50'	1	NS	T-1223	20000	Hand Torch w/50' Leads	1
7.	T-1214	20534	Sheath, 25'	1	NS	T-1224	20001	Machine Torch w/25' Leads	1
	T-1215	20533	Sheath, 50'	1	NS	T-1225	20002	Machine Torch w/50' Leads	1
8.	T-1216	T-1216	Control Cable, 25'	1					

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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-19XLS®/ PT-19XL®



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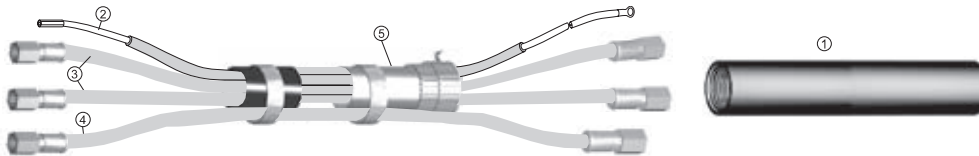
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	10.	T-11857	34086-PRO	Electrode, Silver PRO 50-250A	5
2.	T-2266	21802	Shield 100-250A	1	11.	T-11303	T-11303-PRO	Electrode, Silver PRO 50-250A	5
	T-2267	21945	Shield 325-600A	1	12.	T-11290*	0558003914-PRO	Electrode Std., O <sub>2</sub> , Silver PRO 100-400A	5
	T-4580	21795 OEM	Shield 50A	1	13.	T-2349	37068	Electrode Holder	1
3.	T-2269	21944	Diffuser 100-600A	1		T-1253	34084	Electrode Holder	1
4.	T-10129	37082	Nozzle Retaining Cap	1	14.	T-11210	T-11210	Electrode Holder	1
		34085	Nozzle Retaining Cap	1	15.	T-0322	948142	Gas Baffle, 4 Hole, CW	1
5.	T-1720	22026	Nozzle Tip 50A	5		T-0323	948143	Gas Baffle, 4 Hole, CCW	2
	T-1717	22029	Nozzle Tip 100A	5		T-2019	35660	Gas Baffle, 8 Hole, CW	1
	T-1718	22030	Nozzle Tip 150A	5		T-11659	35661	Gas Baffle, 8 Hole, CCW	1
	T-1719	22031	Nozzle Tip, 200A	5	16.		37073	Screw	1
	T-10407	22032	Nozzle Tip, 250A	5	17.	T-11863	0558003858	Contact Ring with screws (=37071)	1
	T-10126	22034	Nozzle Tip, 360A	5	18.	T-2351	37083 OEM	Insulator	1
	T-10125	22033	Nozzle Tip, 400A	5	19.	T-3422	37066	Torch Body PT-19XLS®, machine	1
5a.	T-1721	22027	Nozzle Base 50A	1	NS	T-1725	20391	Torch Body PT-19XL®, machine	1
	T-1722	22028	Nozzle Base 100-250A	1	NS	T-1337	19483	Insulating Sleeve	1
6.	T-2271	21822	Nozzle 250A	1	NS	T-1249	948186	Heat Shield	1
	T-2272	35885	Nozzle 360A	1	NS	T-11202	T-11202	Electrode holder wrench	1
7.	T-10266*	35886-UR	Electrode 325A	5	NS	T-1249	948186	Heat Shield	5
8.	T-4905	34086XL-AG	Electrode, SilverEX® 50-250A	5	NS	N-20426	93750010	Hex Key Wrench	1
9.	T-10262	34086-UR	Electrode 50-250A	5					



## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1337	19483	Insulating Sleeve	1		T-1346	21267	Power Cable, 20'	1
2.	T-2309	34357	Pilot Arc Cable, 6'	1		T-1347	21268	Power Cable, 25'	1
	T-1339	34358	Pilot Arc Cable, 12'	1	4.	T-2310	34360	Gas Hose, 6'	1
	T-1340	21263	Pilot Arc Cable, 15'	1		T-1349	34361	Gas Hose, 12'	1
	T-1341	21264	Pilot Arc Cable, 20'	1		T-1350	21260	Gas Hose, 15'	1
	T-1342	21265	Pilot Arc Cable, 25'	1		T-1351	21261	Gas Hose, 20'	1
3.	T-1343	996248	Power Cable, 6'	1		T-1352	21262	Gas Hose, 25'	1
	T-1344	34363	Power Cable, 12'	1	5.	T-1359	T-1359	Shielding Braid	1
	T-1345	21266	Power Cable, 15'	1					

### NOTE: SilverEX® and Silver-PRO Electrodes Available For This Torch

⊕ MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER T-11210 WITH T-11303-PRO OR 0558003914-PRO ELECTRODES.

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

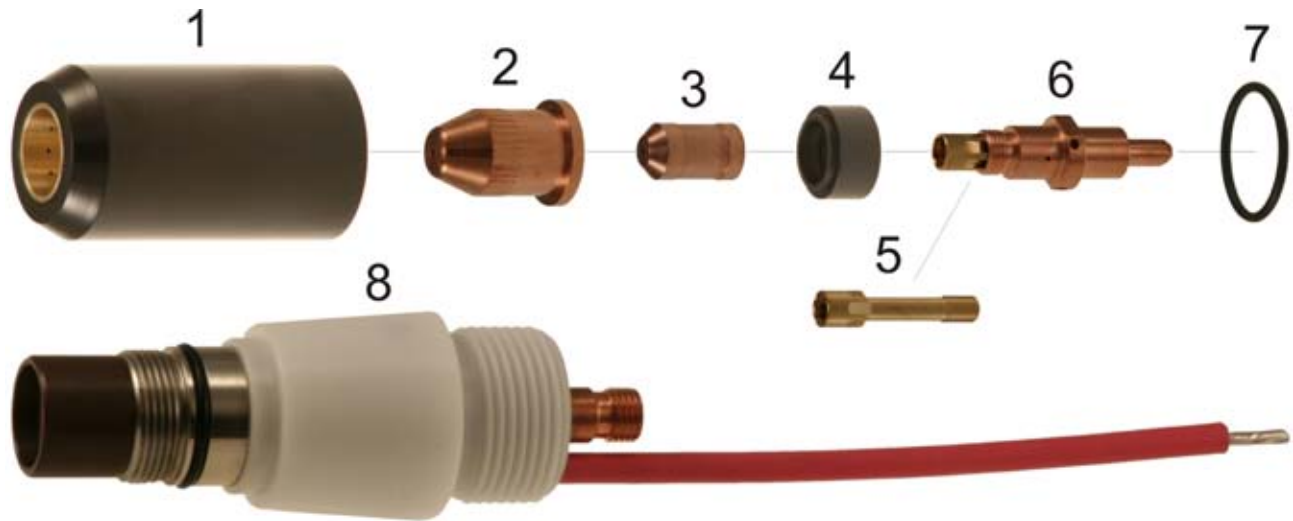
CCW Counter Clock Wise gas swirling, use of CCW parts will make cut angle on the opposite side, than with standard Counter Wise (CW) swirling parts.

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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

## PT-20AM®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1314	21326	Heat Shield 70/100A	1	6.	T-1323	21332	Electrode Assy. Holder	1
	T-1315	21447	Heat Shield 50A	1	7.	T-1300	488157	O-Ring	10
2.	T-1316	21330	Nozzle 50A	5	8.	T-1325	21359	Torch Body	1
	T-1317	21329	Nozzle 70A	5	NS	T-0575	T-0575	17' Leads Assy	1
	T-1318	21328	Nozzle 100A	5	NS	T-0576	T-0576	25' Leads Assy	1
3.	T-1320	21150	Electrode	10	NS	T-0587	T-0587	50' Leads Assy	1
4.	T-1321	21373	Electrode Insulator	1	NS	T-0572	21360	Torch Assy, 50' without Rack	1
5.	T-1322	21374	Baffle Tube	1	NS	T-1324	21372 OEM	Electrode Seat	1

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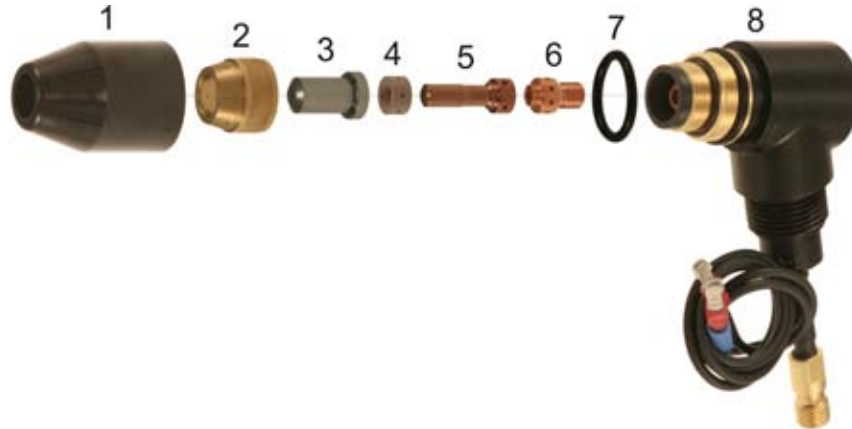
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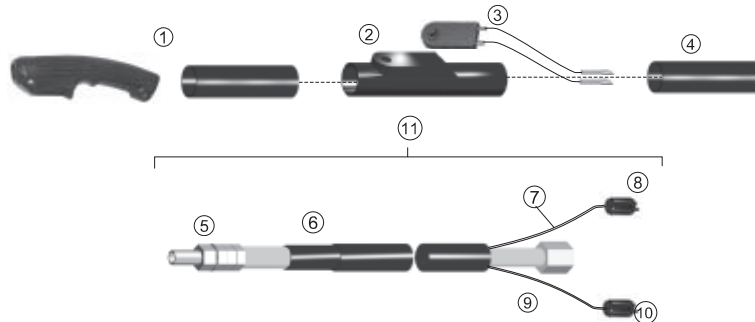
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1258	33419	Shield	1	5.	T-1264	33366	Electrode	10
2.	T-1259	33371	Retaining Nut	1	6.	T-2016	33417	Replaceable Seat	1
3.	T-1260	33368	Nozzle 30A	10	7.	T-1306	85W51	O-Ring	10
	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					

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1266	33399 OEM	Handle	1	8.	T-1187	2062336 OEM	Plug	1
	T-1040	9-5636-1	Handle w/Switch	1	9.	T-1275	T-1275	Pilot Arc Lead, 25',w/plug	1
2.	T-1267	33400 OEM	Switch Band	1		T-1276	T-1276	Pilot Arc Lead, 50',w/plug	1
3.	T-1179	18224	Switch	1	10.	T-1277	21427 OEM	Plug	1
4.	T-1268	21218 OEM	Flex Support	1	11.	T-1278	T-1278	Leads Ass'y, 25',w/plug	1
5.	T-1269	19995	Power Cable, 25'	1		T-1279	T-1279	Leads Ass'y, 50',w/plug	1
	T-1270	19996	Power Cable, 50'	1	NS	T-2331	21402	Complete Ass'y, 25',w/plug	1
6.	T-1271	18320	Sheath, 25'	1	NS	T-2332	21403	Complete Ass'y, 50',w/plug	1
	T-1272	19026	Sheath, 50'	1	NS	T-1326	49N83	Boot	1
7.	T-1273	T-1273	Control Cable, 25'	1	NS	T-1327	18226 OEM	Strain Relief	1
	T-1274	T-1274	Control Cable, 50'	1					

Last update of this page: 27/05/2013. See Revision history for details.

# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-24®



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					

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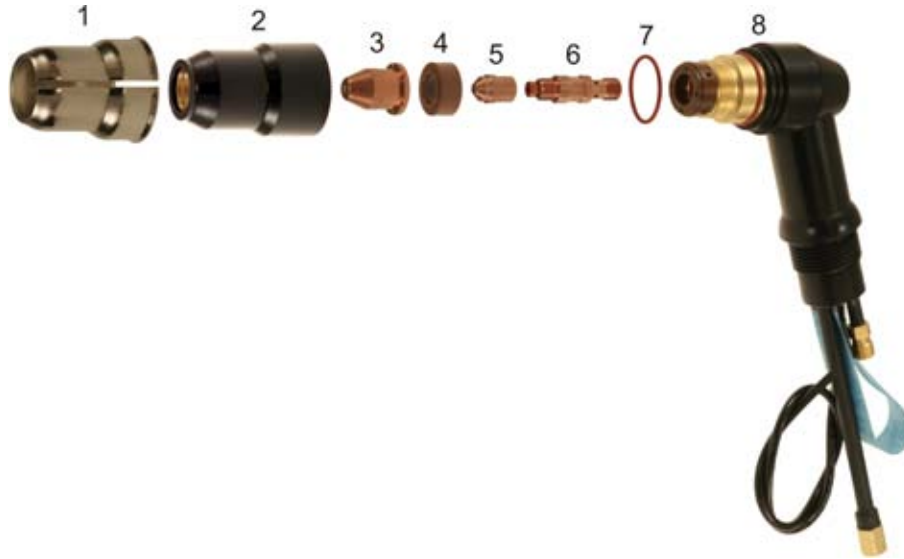
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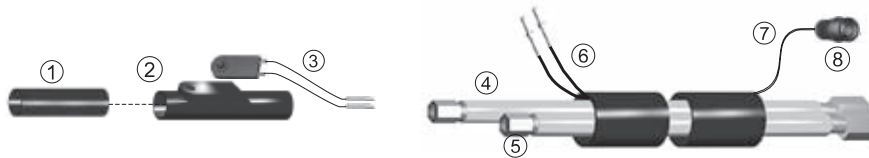
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Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2248	21656 OEM	Gouging Guard	5	T-4512	21780 OEM		Electrode, AR/H <sub>2</sub>	2
2.	T-2250	21654	Heat Shield	1	T-2190	997784		Electrode, 250A	1
	T-2249	21943 OEM	Stand-off Guide	1	6.	T-2256	21657	Electrode Holder	1
3.	T-2251	21596	Nozzle 50A	5	7.	T-2257	344019	O-Ring	1
	T-2252	21597	Nozzle 100A	5	8.	T-2258	21625	Torch Body 70°	1
	T-2253	21598	Nozzle 150A	5	NS	T-0580	21648	PT25® w/25' Leads	1
	T-2254	21599	Nozzle Nozzle-Gouging	5	NS	T-0581	21649	PT25® w/50' Leads	1
4.	T-2235	21667	Swirl Baffle	1	NS	T-0578	T-0578	Leads Assy 25'	1
	T-4319	21667 OEM	Swirl Baffle	2	NS	T-0579	T-0579	Leads Assy 50'	1
5.	T-2255	21595	Electrode Air/N <sub>2</sub>	5	NS	T-4511	21660 OEM	Heat Shield, Long	1

## ACCESSORIES

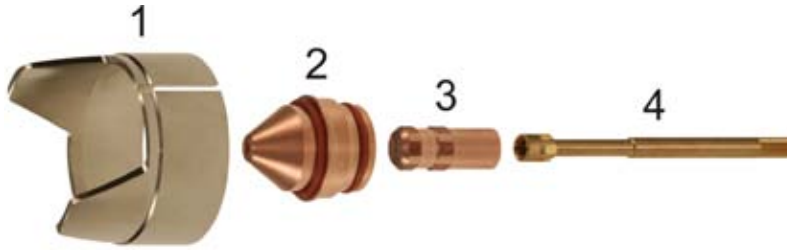


Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1230	948177 OEM	Handle	1	7.	T-1238	948188	Control Cable, 25'	1
2.	T-2259	21646 OEM	Switch Band	1		T-1239	948189	Control Cable, 50'	1
3.	T-1179	18224	Switch	1	8.	T-1240	997758 OEM	Plug	1
4.	T-1232	18450	Power Cable, 25'	1	NS	T-2262	21647 OEM	Flex Support	1
	T-1233	18449	Power Cable, 50'	1	NS	T-2263	21854	Sensor Tube, 25'	1
5.	T-2260	21783	HF Cable, 25'	1	NS	T-2264	21855	Sensor Tube, 50'	1
	T-2261	21782	HF Cable, 50'	1	NS	T-0578	T-0578	Lead Assy, 25'	1
6.	T-1236	995832	Sleeving, 25'	1	NS	T-0579	T-0579	Lead Assy, 50'	1
	T-1237	995826	Sleeving, 50'	1					

Last update of this page: 27/05/2013. See Revision history for details.

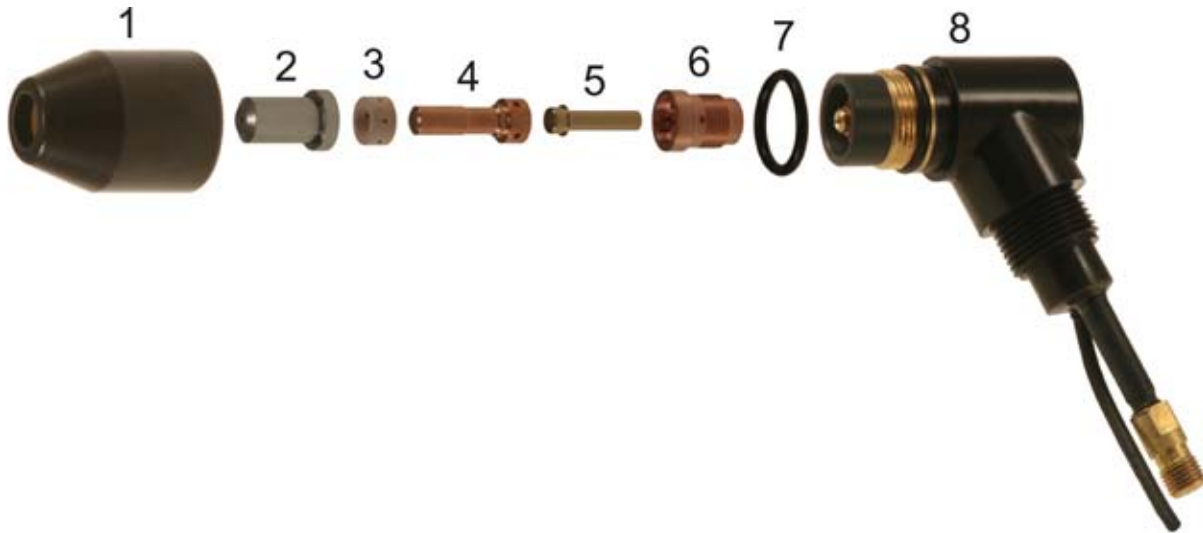
# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

## PT-26®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2328	36648	Stand-off Guide	1	T-2334	36571		Gouging Nozzle 200 Amp	5
2.	T-2330	36567	Nozzle 50 Amp	5	3.	T-8997	36565	Electrode Air, N <sub>2</sub> , N <sub>2</sub> /H <sub>2</sub>	5
	T-2331	36568	Nozzle 150 Amp	5		T-2337	36566	Electrode Ar/H <sub>2</sub>	5
	T-2332	36569	Nozzle 200 Amp	5	4.	T-2339	34585	Baffle Tube	1
	T-2333	36570	Nozzle 300 Amp	5	NS		34592 OEM	Heat Shield Assembly	1

## PT-27®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1307	21616	Heat Shield (055800486)	1	5.	T-1308	21619	Valve Pin (OEM Torch Only)	5
2.	T-1260	33368	Nozzle 0.9mm 30A	10	6.	T-1310	21615	Replaceable Seat	1
	T-1261	33369	Nozzle 1.2mm 50-70A (055800363)	10	7.	T-1306	85W51	O-Ring	10
	T-1262	33418	Nozzle 1.3mm 80A (055800457)	10	8.	T-1309	21610	Torch Body 70° (055800477)	1
	T-0057	35442	Gouging Nozzle 2.4mm (055800480)	10	NS	T-1986	21420	Stand-off Guide	1
3.	T-1263	33367	Swirl Baffle (055800365)	5	NS	PT-10220	0558003032	Seat Assembly	1
4.	T-1264	33366	Electrode (055800364)	10	NS	T-3953	0558003027	Seat Installation Tool	1
	T-3946	33366XL OEM	Electrode	2					

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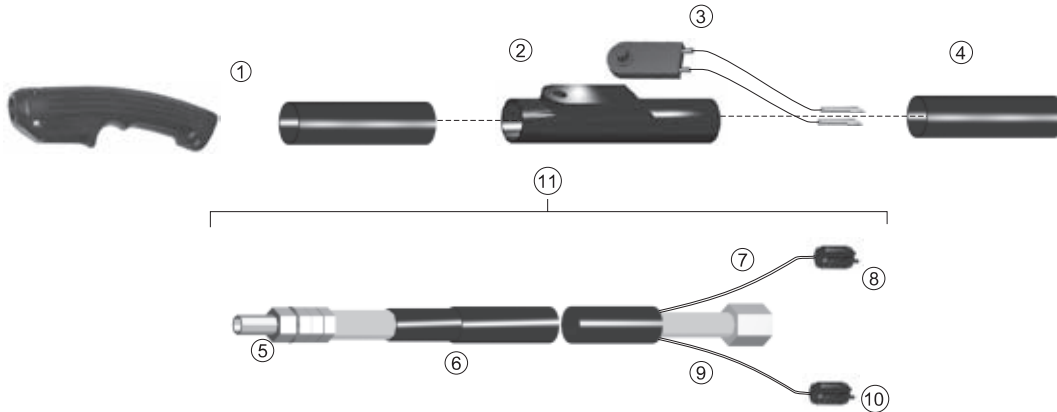
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## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1266	33399 OEM	Handle	1	T-2910	T-2910		Pilot Arc Lead, 25',w/plug	1
	T-1040	9-5636-1	Handle w/Switch	1	T-2911	T-2911		Pilot Arc Lead, 50',w/plug	1
2.	T-1267	33400 OEM	Switch Band	1	10.	T-1277	21427 OEM	Plug	1
3.	T-1179	18224	Switch	1	11.	T-2340	T-2340	Leads Ass'y, 25',w/ring	1
4.	T-1268	21218 OEM	Flex Support	1	T-2341	T-2341		Leads Ass'y, 50',w/ring	1
5.	T-1269	19995	Power Cable, 25'	1	T-2908	T-2908		Leads Ass'y, 25',w/plug	1
	T-1270	19996	Power Cable, 50'	1	T-2909	T-2909		Leads Ass'y, 50',w/plug	1
6.	T-1271	18320	Sheath, 25'	1	NS T-1987	21661		Complete Ass'y, 25',w/ring	1
	T-1272	19026	Sheath, 50'	1	NS T-2333	21662		Complete Ass'y, 50',w/ring	1
7.	T-1273	T-1273	Control Cable, 25'	1	NS T-2334	21620		Complete Ass'y, 25',w/plug	1
	T-1274	T-1274	Control Cable, 50'	1	NS T-2335	21621		Complete Ass'y, 50',w/plug	1
8.	T-1187	2062336 OEM	Plug	1	NS T-1326	49N83		Boot	1
9.	T-2336	T-2336	Pilot Arc Lead, 25', w/ring	1	NS T-1327	18226 OEM		Strain Relief	1
	T-2337	T-2337	Pilot Arc Lead, 50', w/ring	1					

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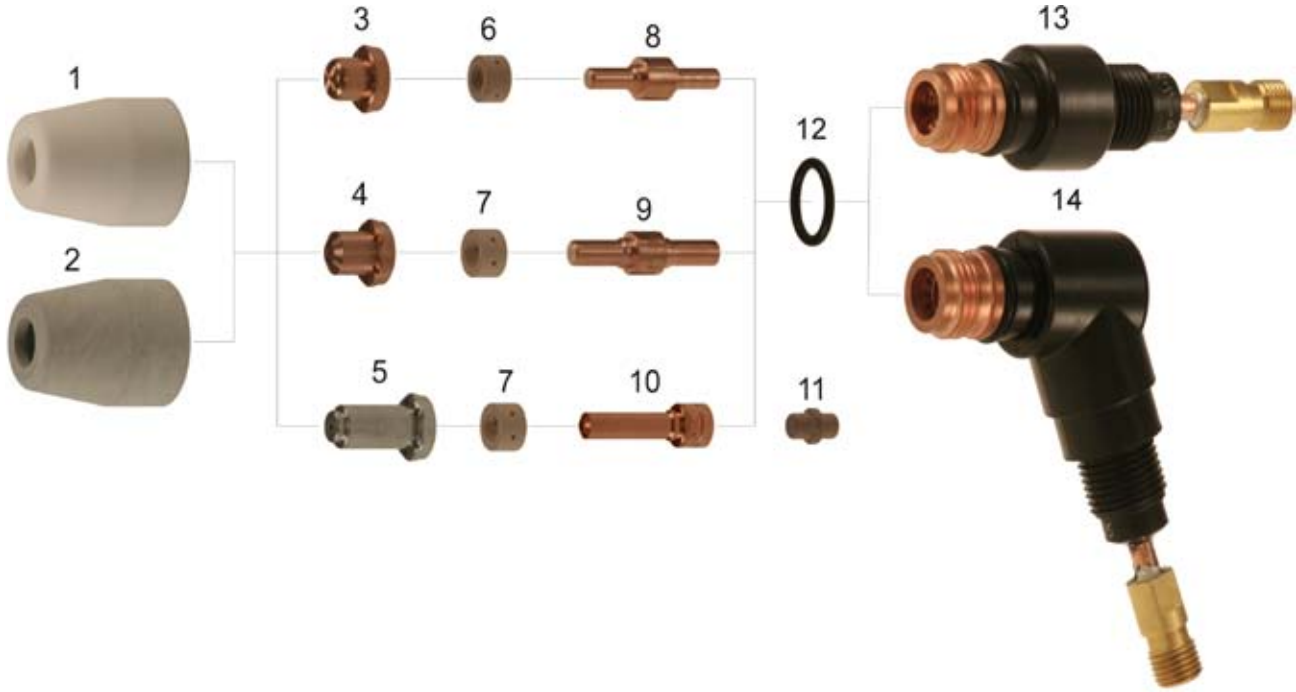
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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

## PT-31XL®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0289	18204	Heat Shield	10	7.	T-0294	20463	Swirl Baffle (055800506)	10
2.	T-0290	20282	Heat Shield	1	8.	T-0295	18205	Electrode Standard	10
3.	T-0291	18866	Tip 30A	10	9.	T-0296	19683	Electrode Heavy Duty, XL	10
	T-0292	19682	Tip XL 30A	10	10.	T-1173	20862	Electrode XT (055800507)	10
4.	T-1297	20079	Tip 50A	10	#11.	T-1172#	20324	Plunger (055800511)	5
5.	T-1174	20860	Tip XT 30-40A (055800512)	10	12.	T-0357	950790	O-Ring	1
	T-1176	20861	Tip XT 50A (055800513)	10	13.	T-0298	20073	Torch Body - Machine	1
	T-1175	21008	Tip 35-40A (055800508)	10	14.	T-0297	20072	Torch Body 70° - Hand (055800790)	1
6.	T-0293	18785	Swirl Baffle	10	NS	T-1893	19679 OEM	Seat, Brass (055800510)	1

# NON COMPATIBLE WITH THERMACUT TORCH, ONLY FOR OEM TORCH

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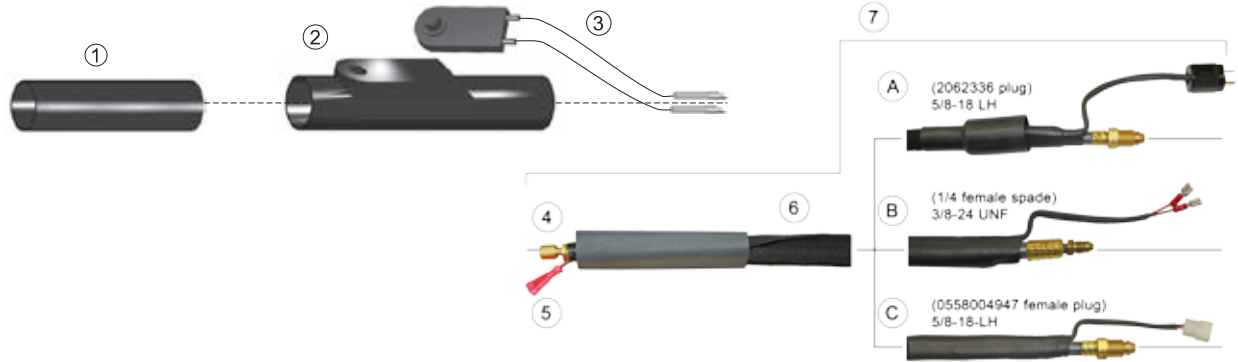
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### ACCESSORIES



Item	Part No.	Ref. No.	Alt. Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Alt. Ref. No.	Description	Std. Pkg.
1.	T-1177	18208 OEM	0558000796	Handle	1	3.	T-1179	18224	0558000818	Switch	1
2.	T-1178	18207 OEM	0558000699	Switch Band	1	NS	T-1326	49N83	0558000793	Boot, Lead	1

**Note: Must specify Power Supply when ordering leads to ensure correct connection fittings.**

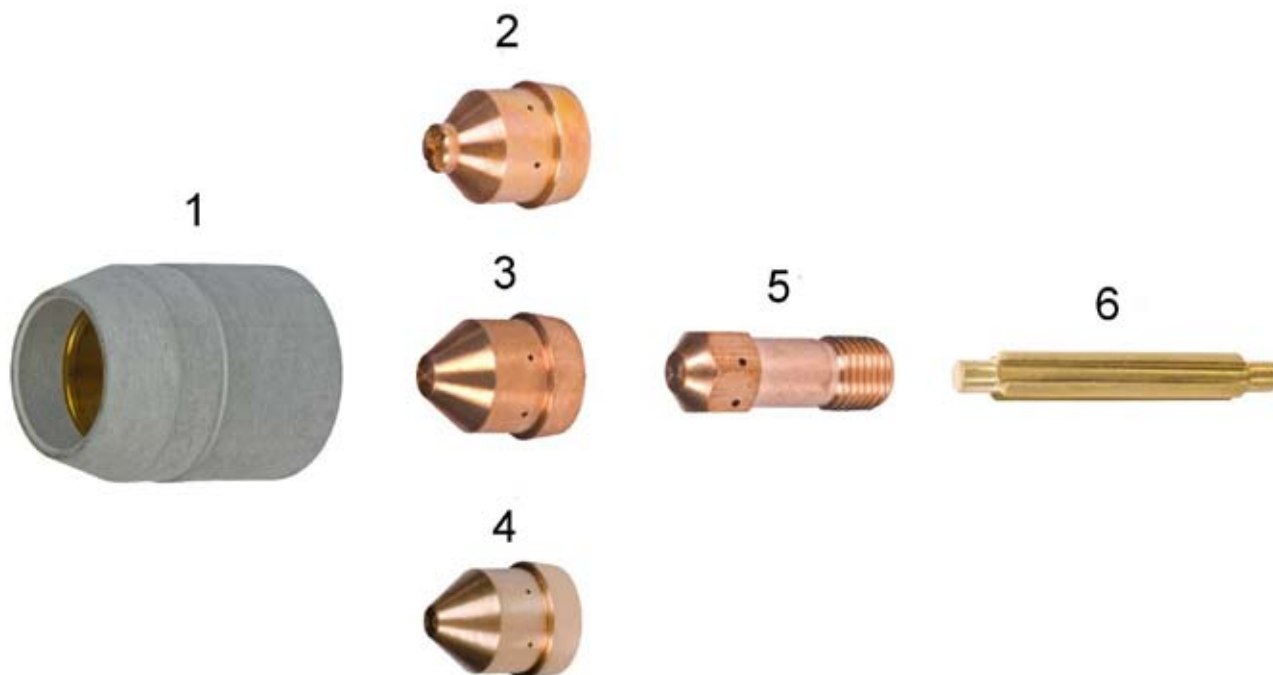
Item	Part No.	Ref. No.	Alt. Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Alt. Ref. No.	Description	Std. Pkg.
4.	T-1181	19672	0558005148	Power Cable, 15'	1	T-1272	19026	0558000792		Sheath, 50'	1
	T-1182	18221	0558000795	Power Cable, 25'	1	7.	T-1191	T-1191		Leads Assy, 15'	1
	T-1183	19028	0558005146	Power Cable, 50'	1		T-1192	T-1192		Leads Assy, 25'	1
5.	T-1188	T-1188		Control Cable, 15'	1		T-1193	19027		Leads Assy, 50'	1
	T-1189	T-1189		Control Cable, 25'	1			20085		Machine Torch w/ 12.5' Leads, 31	1
	T-1190	T-1190		Control Cable, 50'	1			20081		Machine Torch w/ 25' Leads, 31	1
6.	T-1184	19675	0558000583	Sheath, 15'	1			20083		Machine Torch w/ 50' Leads, 31	1
	T-1185	18320	0558000791	Sheath, 25'	1						

Part No.	Description	End Type	Power Supply	Part No.	Description	End Type	Power Supply
20084	Hand Torch w/ 12.5' Leads	A	CaddyCut® / HandyPlasma® 50 / PCM500i	0558005300	Torch Assy w/ 12.5' Leads	C	HandyPlasma® 250
20080	Hand Torch w/ 25' Leads			0558004482	Torch Assy w/ 15' Leads	C	HandyPlasma® 380
20082	Hand Torch w/ 50' Leads			0558004498	Torch Assy w/ 25' Leads	C	HandyPlasma® 550
				0558003183	Torch Assy w. 25' Leads	B	PowerCut® 650

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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

PT-32®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-3994	0558002393	OEM Stand-off Guide	1	4.	T-3988	0558002837	OEM Nozzle 90A	1
1.	T-3992	0558001957	OEM Heat Shield	1	5.	T-3990	0558001969	OEM Electrode	5
NS	T-10173	0558004206	OEM Heavy Duty Drag Heat Shield	1	6.	T-3991	0558001959	OEM Valve Pin	1
2.	T-3986	0558002908	OEM Nozzle 40A	1	NS	T-4567	0558001965	OEM Torch Body	1
3.	T-3987	0558002618	OEM Nozzle 70A	1	NS	T-3989	0558003089	OEM Nozzle, Gouging	5

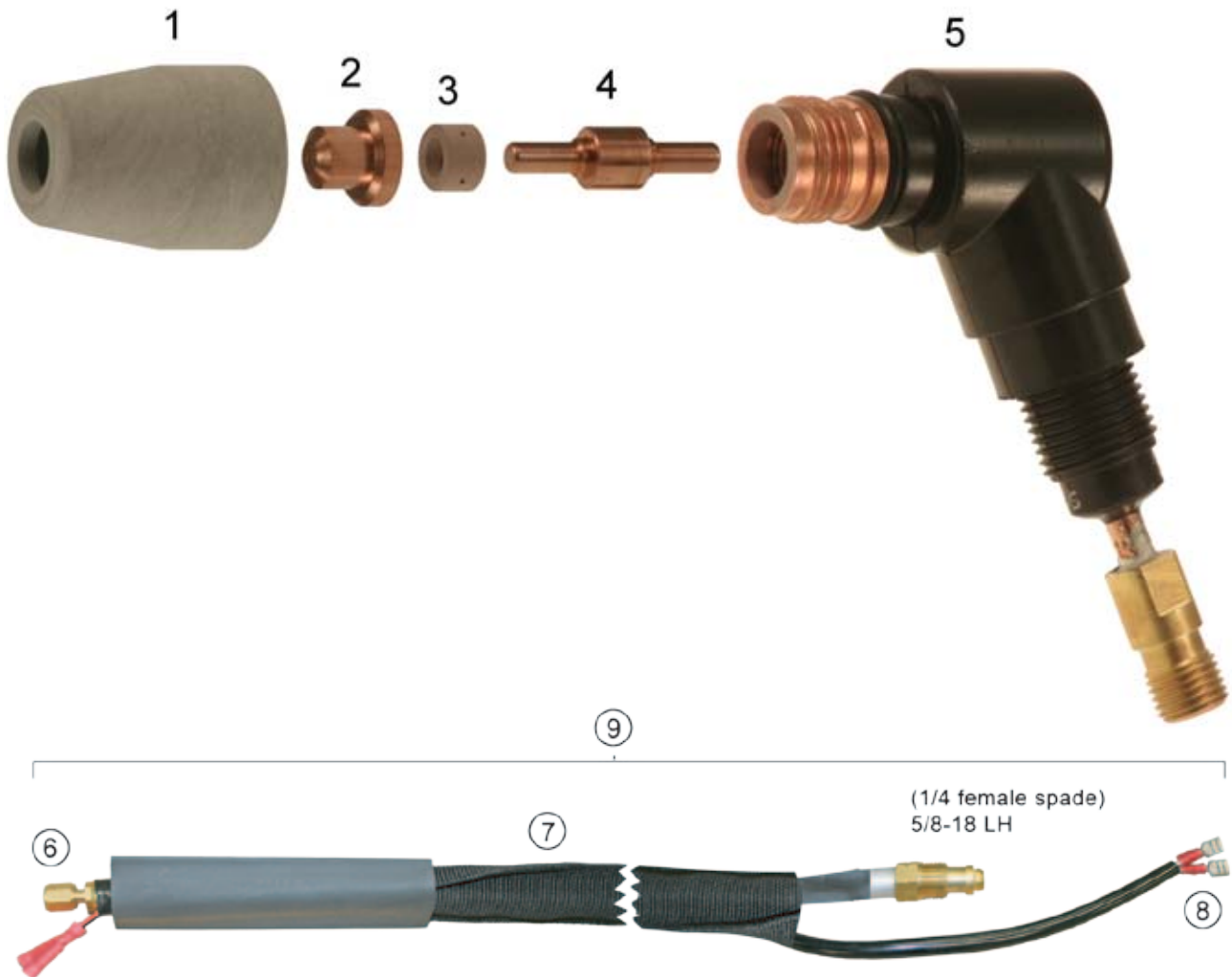
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**Note: Must specify Power Supply when ordering leads to ensure correct connection fittings.**

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0290	20282	Heat Shield	1	7.	T-1184	19675	Sheathing, 15'	1
2.	T-3315	37887	Nozzle	1	8.	T-1188	T-1188	Control Cable, 15'	1
3.	T-0293	18785	Swirl Baffle	1	9.	T-1191	T-1191	Lead Assembly, 15'	1
4.	T-3314	37888	Electrode	5	NS	T-3316	37886	Hand Torch w/ 15' Leads	1
5.	T-0297	20072	Torch Body, Hand	1	NS	T-1893	19679 OEM	Seat	1
6.	T-1181	19672	Power Cable, 15'	1					

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# REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC®

## PT-36®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-10128	37081	Shield Retainer	1	⊕ 6.	T-11290** ⊕	0558003914-PRO	Electrode Std., O <sub>2</sub> 100-400A, Silver PRO	5
2.	T-10333	0558006130	Shield Cup 3.0mm	1		T-10439	0558005459 OEM	Electrode L.C., O <sub>2</sub> /N <sub>2</sub>	5
	T-10332	0558006141	Shield Cup 4.1mm	1	⊕	T-11910 ⊕	0558003928-UR	Electrode Std., N <sub>2</sub> /H <sub>35</sub>	5
	T-10334	0558006166	Shield Cup 6.6mm	1		T-10601	0558003914 OEM	Electrode Std., O <sub>2</sub>	5
	T-10335	0558006199	Shield Cup 9.9mm	1	⊕ 7.	T-11319** ⊕	0558003924-UR	Electrode Holder	1
	T-10463	0558007624	Shield Cup 2.4mm	1		T-10602	0558003924 OEM	Electrode Holder	1
3.	T-2269	21944	Shield Gas Diffuser, Standard	1	8.	T-10693	0558005457 OEM	Baffle, 4 Hole × 0.022	1
	T-10331	22496	Shield Gas Diffuser, Reverse	1		T-4607	0558002534	Gas Baffle, 4 Hole × 0.032, CCW	1
NS	T-2268	21796	Shield Gas Diffuser, Low Current	1		T-10694	0558002534 OEM	Gas Baffle, 4 Hole × 0.032, CCW	1
4.	T-10129	37082	Nozzle Retaining Cap, Standard	1		T-4606	0558002533	Gas Baffle, 4 Hole × 0.032, CW	1
5.	T-10875	0558008010	Nozzle 1.0mm, PR, 45-55A MS	1		T-4636	0558001625	Gas Baffle, 8 Hole × 0.047, CW	1
	T-10336	0558006010	Nozzle 1.0mm, 45/50A MS/SS/AL	1		T-10695	0558002530 OEM	Baffle, 8 Hole × 0.047, CCW	1
	T-10337	0558006014	Nozzle 1.4mm, 100A MS/AL, 70/130A SS	1		T-11119	0558002530	Baffle, 8 Hole × 0.047, CCW	1
	T-10970	0558006018	Nozzle 1.8mm, 100/130A MS, 100A SS/AL	1	9.	T-11942	37073	Screw	1
	T-10338	0558006020	Nozzle 2.0mm, 150/200A MS/AL, 130/150A SS	1	10.	T-11863	0558003858	Contact Ring with screws (=37071)	1
	T-10339	0558006023	Nozzle 2.3mm, 200/280A MS, 200A SS, 200/260A AL	1	NEW 11.	T-11208	0558003804	Torch Body	1
	T-10340	0558006025	Nozzle 2.5mm, 280/290A MS, 260A SS	1	NS		0558003858 OEM	Contact Ring Assembly	1
	T-10443	0558006030	Nozzle 3.0mm, 325/360A MS, 360A SS/AL	1	NS	N-20426	93750010	Hex Key Wrench	1
	T-10341	0558006036	Nozzle 3.6mm, 400A MS, 450A SS	1	NS	T-11665	0558003918 OEM	Electrode Holder Wrench	1
	T-10292	0558006041	Nozzle 4.1mm, 600A SS/AL	1					

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

⊕ 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 Counter Wise (CW) swirling parts.

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

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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	T-5330	0558001623		Nozzle 250A	1
2.	T-2266	21802	Shield 100–250A	1	T-5335	0558001885		Nozzle 360A	1
	T-2267	21945	Shield 360A	1	T-5336	0558001886		Nozzle 400A	1
	T-4580	21795 OEM	Shield 50A	1	T-5337	0558001887		Nozzle 600A	1
NS	T-10124	0558004678	Precision shield 110–200A		7.	T-4907	0558001624-AG	Electrode 250A, SilverEX®	5
3.	T-2269	21944	Gas Diffuser 100–360A	1	8.	T-11239	0558001624-PRO	Electrode 250A, Silver PRO	5
	T-10331	22496	Gas Diffuser 100–360A, ccw	1	9.	T-11240	T-11240-PRO	Electrode 260/400A, Silver PRO	5
NS	T-2268	21796	Gas Diffuser 50A	1	10.	T-4910	0558002516-AG	Electrode 360/400A, SilverEX®	5
4.	T-10129	37082	Nozzle Retaining Cap	1	11.	T-11238	0558002516-PRO	Electrode 360/400A, Silver PRO	5
5.	T-1720	22026	Nozzle Tip 50A	5	12.	T-11201	0558001621	Electrode Holder	1
	T-1717	22029	Nozzle Tip 100A	5	13.	T-4606	0558002533	Gas Baffle, 4 hole x 0.032, CW	1
	T-1718	22030	Nozzle Tip 150A	5		T-4607	0558002534	Gas Baffle, 4 hole x 0.032, CCW	1
	T-1719	22031	Nozzle Tip 200A	5		T-4636	0558001625	Gas Baffle, 8 hole x 0.047, CW	1
	T-10407	22032	Nozzle Tip, 250A	5		T-10695	0558002530 OEM	Gas Baffle, 8 Hole x 0.047, CCW	1
	T-10126	22034	Nozzle Tip, 360A	5		T-11119	0558002530	Gas Baffle, 8 Hole x 0.047, CCW	1
	T-10125	22033	Nozzle Tip, 400A	5	14.	T-11942	37073	Screw	1
5a.	T-1721	22027	Nozzle Base 50A	1	15.	T-11863	0558003858	Contact Ring with screws (=37071)	1
	T-1722	22028	Nozzle Base 100–250A	1	16.	T-10283	0558001825	Torch Body	1
6.	T-5331	0558001881	Nozzle 50A	1	NS	T-11202	T-11202	Electrode holder wrench	1
	T-5332	0558001882	Nozzle 100A	1	NS	T-4175	0558001626 OEM	Mounting Sleeve PT600	1
	T-5333	0558001883	Nozzle 150A	1	NS	T-4583	37431 OEM	Nozzle Retainer, Air Curtain	1
	T-5334	0558001884	Nozzle 200A	1	NS	N-20426	93750010	Hex Key Wrench	1

\*\* 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 Counter Wise (CW) swirling parts.

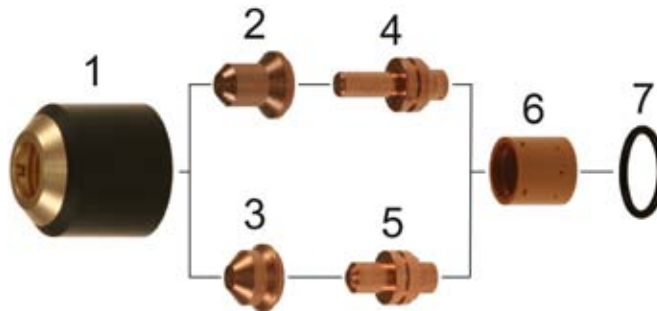
-PRO TECHNOLOGY OF SILVER INSERTED COPPER ELECTRODE BODY, WHICH SIGNIFICANTLY DECREASES ELECTRODE COSTS WITH SIMILAR WORK PERFORMANCE COMPARED TO FULL SILVER ELECTRODES.

**Last update of this page: 01/10/2015. See Revision history for details.**



# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX20®  
PAC110®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0032	020218	Retaining Cap	1	4.	T-0037	020382	Electrode, Extended	10
2.	T-0034	020381	Nozzle, 20Amp, Extended	10	5.	T-0036	020220	Electrode	10
3.	T-0033	020299	Nozzle, 20Amp	10	6.	T-0035	020239	Swirl Ring	2
	T-0092	020219	Nozzle	10	7.	T-0038	044016	O-Ring	10

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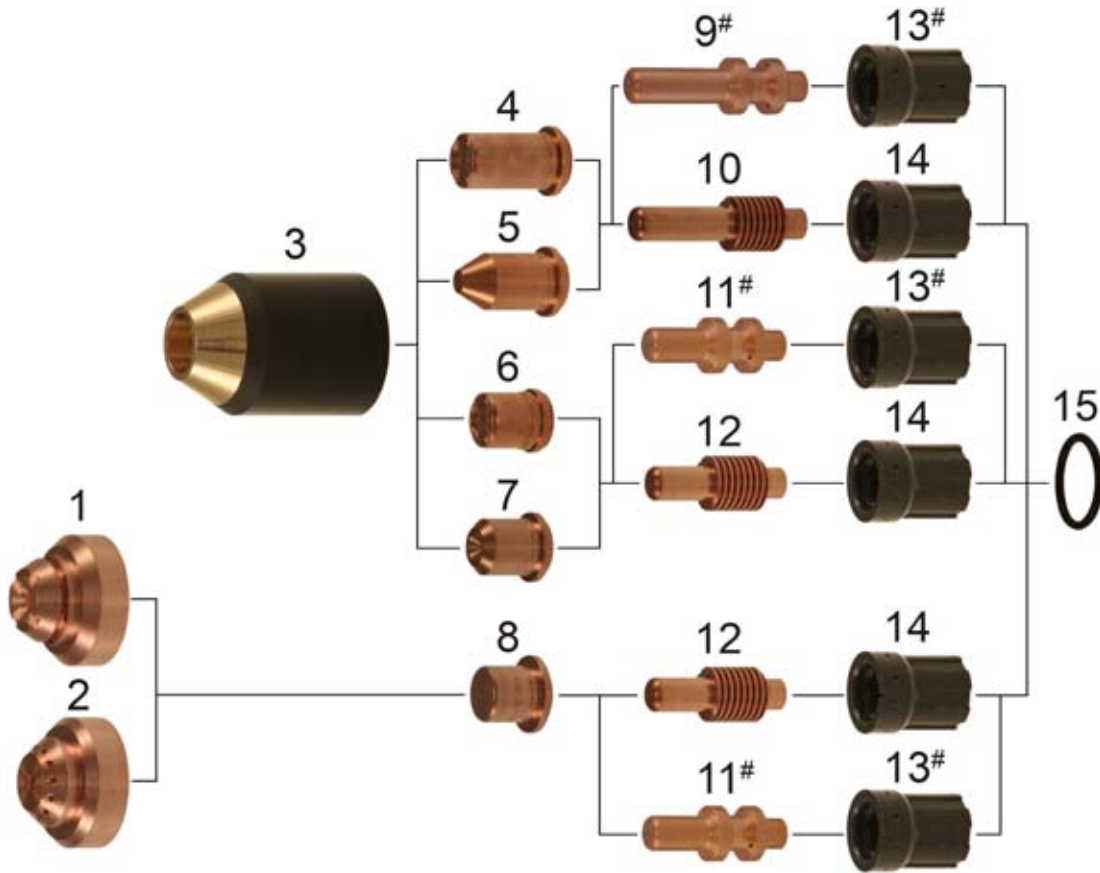
THERMACUT, INC  
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX40cs®/MAX42®/MAX43®  
PAC120®/PAC125T®



Last update of this page: 10/01/2015. See Revision history for details.

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# HYPERTHERM®

MAX40cs®/MAX42®/MAX43®  
PAC120®/PAC125T®

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-4451 #	120574-UR	Electrode, Extended, Long Life	5
	T-3410	120601	Shield, Hand	1	10.	T-2298	120574	Electrode, Extended	5
*2.	T-9825*	120602-UR	Shield, Machine	1	#11.	T-4450 #	120573-UR	Electrode, Long Life	5
	T-9602	120602	Shield, Machine	1	12.	T-3419	120573	Electrode	5
3.	T-9580	020930	Retaining Cap	1	#13.	T-4452 #	020361-UR	Swirl Ring	2
NS	T-3413	120600 OEM	Retaining Cap	1	14.	T-0029	020361	Swirl Ring	2
4.	T-0089	020546	Nozzle, Extended	10	15.	T-0038	044016	O-Ring	1
5.	T-0093	120023	Nozzle, Pipe Saddle	5	NS	T-10269	120570	Torch Body	1
	T-1799	020542	Nozzle	10	NS	T-4554	083066	Torch Assy, Hand, 25'	1
6.	T-0027	020350	Nozzle, 40Amp	10	NS	T-4555	083067	Torch Assy, Hand, 50'	1
	T-0028	020395	Nozzle	10	NS	KT-1405	128925	RT60M® Cable Leads 50' with CC	1
7.	T-0094	020539	Nozzle, Gouging	10	NS	KT-1406	083218-UR	RT60M® Machine Torch with Leads 50' with CC	1
8.	T-3420	120438	Nozzle	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%

CC CENTRAL CONNECTOR

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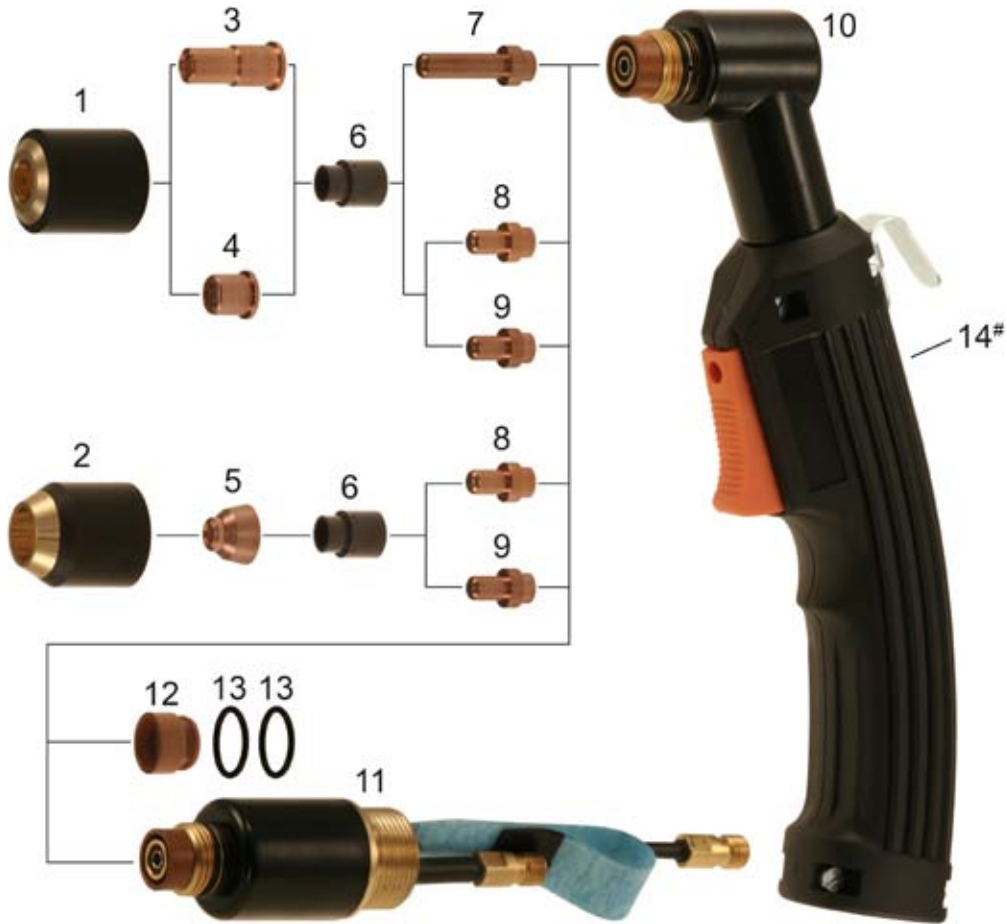
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX40®  
PAC140/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	7.	T-0054	020467	Electrode, Extended	5
2.	T-0044	020200	Retaining Cap, Tapered	1	8.	T-0053	020167	Electrode, Nitrogen	5
3.	T-0050	020466	Nozzle, Extended	1	9.	T-0052	020103	Electrode, Air	5
4.	T-0045	020115	Nozzle 40A	1	10.,14.	T-0055	020122	PAC140® Hand Torch + Handle	1
	T-0046	020102	Nozzle 40A (HT40)	1	11.	T-0056	020114	PAC140/M® Machine Torch	1
5.	T-0048	020197	Nozzle 40A, Tapered	1	12.	T-0095	020114-1	Front Insulator	1
NS	T-0096	020340	Nozzle, Gouging	1	13.	T-0038	044016	O-Ring	1
NS	T-0047	020131	Nozzle, Pipe Saddle (HT40)	1	#14.	T-1040#	9-5636-1	Handle	1
6.	T-0051	020101	Swirl Ring	1	Different types of cable leads available upon request				

# ONLY FOR THERMACUT TORCH DESIGN  
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MAX40® and HT40® parts are fully interchangeable.

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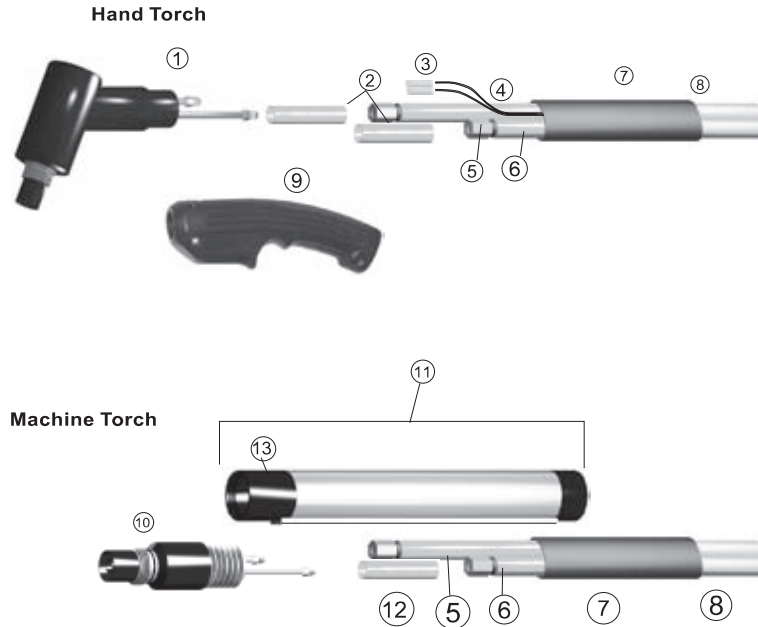
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# HYPERTHERM®

MAX40®  
PAC140/M®

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0055	020122	TMT40, Torch W/Handle	1	8.	T-0699	046034	Shielded Braid, Mach.	1
2.	T-0684	020536 OEM	Lead Insulator (2)	1		T-0700	046038	Sheathing, Hand	1
3.	T-1039	074069	Splice (2)	1	9.	T-1040	9-5636-1	Handle W/Switch	1
4.	T-0701	047032	Control Cable	1	10.	T-0056	020114	TMT 40, Machine Torch	1
5.	T-0685	023156	Lead, Power, 25'	1	11.	T-0682	020231 OEM	Position. Sleeve, 10'' Rack	1
	T-0687	023158	Lead, Power, 35'	1		T-0683	020269 OEM	Position. Sleeve, 18'' Rack	1
	T-0689	023160	Lead, Power, 50'	1	12.	T-0679	004302 OEM	Lead Insulator	1
6.	T-0686	023157	Lead, Hi-Frequency, 25'	1	13.	T-0681	020205 OEM	Insulating Sleeve	1
	T-0688	023159	Lead, Hi-Frequency, 35'	1	NS	T-0704	057019	Machine Torch w/25' Leads	1
	T-0690	023161	Lead, Hi-Frequency, 50'	1	NS	T-0705	057020	Machine Torch w/50' Leads	1
7.	T-0694	028288	Leads, 25' Shielded	1	NS	T-0706	057053	Machine Torch w/25' Leads	1
	T-0695	028289	Leads, 35' Shielded	1	NS	T-0707	057054	Machine Torch w/50' Leads	1
	T-0696	028290	Leads, 50' Shielded	1	NS	T-0708	057112	Hand Torch w/25' Leads	1
	T-0697	029129	Leads, 25' Hand	1	NS	T-0709	057113	Hand Torch w/50' Leads	1
	T-0698	029130	Leads, 50' Hand	1	NS	T-0644	005094	Switch	1

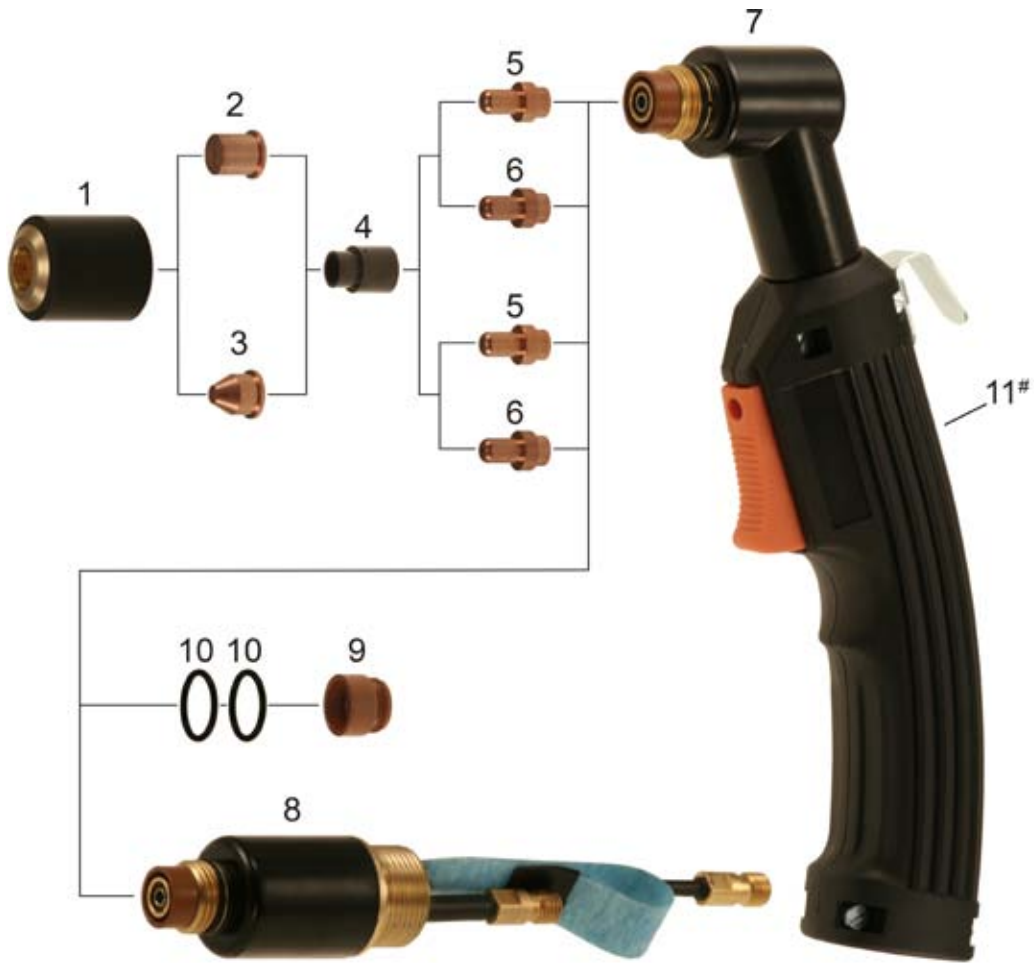
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HT40®  
PAC140/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	PAC140/H® Hand Torch with Lead 5m (16')	1
5.	T-0053	020167	Electrode, Nitrogen	5	NS	KT-1210	057112	PAC140/H® Hand Torch with Lead 7.6m (25')	1
6.	T-0052	020103	Electrode, Air	5	NS	KT-1261	057113	PAC140/H® Hand Torch with Lead 15.2m (50')	1
7., 11.	T-0055	020122	PAC140® Hand Torch + Handle	1	NS	KT-1084	028290	PAC140/M® Cable Leads, Mach. 15.2m (50')	1
8.	T-0056	020114	PAC140/M® Machine Torch	1					

# ONLY FOR THERMACUT TORCH DESIGN  
NS NOT SHOWN IN THE PICTURE  
MAX40® and HT40® parts are fully interchangeable.

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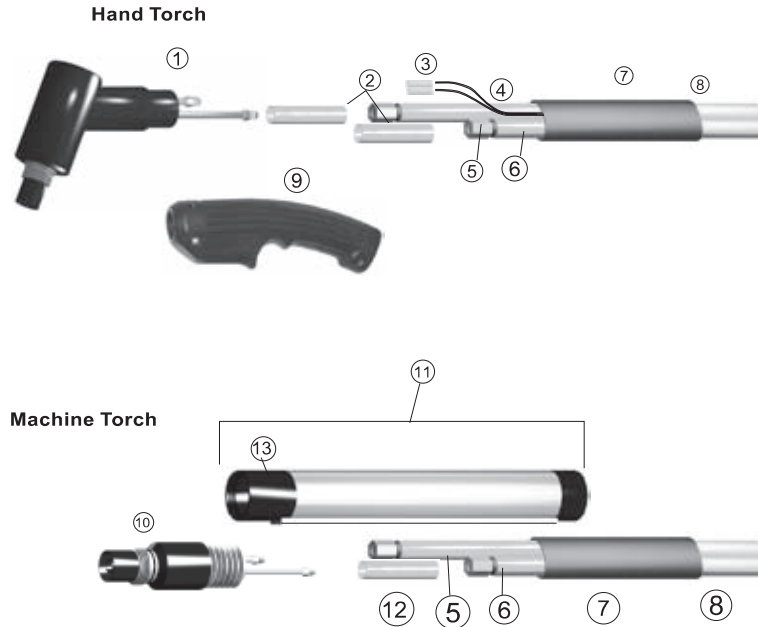
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# HYPERTHERM®

HT40®  
PAC140/M®

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0055	020122	TMT40, Torch W/Handle	1	8.	T-0699	046034	Shielded Braid, Mach.	1
2.	T-0684	020536 OEM	Lead Insulator (2)	1		T-0700	046038	Sheathing, Hand	1
3.	T-1039	074069	Splice (2)	1	9.	T-1040	9-5636-1	Handle W/Switch	1
4.	T-0701	047032	Control Cable	1	10.	T-0056	020114	TMT 40, Machine Torch	1
5.	T-0685	023156	Lead, Power, 25'	1	11.	T-0682	020231 OEM	Position. Sleeve, 10'' Rack	1
	T-0687	023158	Lead, Power, 35'	1		T-0683	020269 OEM	Position. Sleeve, 18'' Rack	1
	T-0689	023160	Lead, Power, 50'	1	12.	T-0679	004302 OEM	Lead Insulator	1
6.	T-0686	023157	Lead, Hi-Frequency, 25'	1	13.	T-0681	020205 OEM	Insulating Sleeve	1
	T-0688	023159	Lead, Hi-Frequency, 35'	1	NS	T-0704	057019	Machine Torch w/25' Leads	1
	T-0690	023161	Lead, Hi-Frequency, 50'	1	NS	T-0705	057020	Machine Torch w/50' Leads	1
7.	T-0694	028288	Leads, 25' Shielded	1	NS	T-0706	057053	Machine Torch w/25' Leads	1
	T-0695	028289	Leads, 35' Shielded	1	NS	T-0707	057054	Machine Torch w/50' Leads	1
	T-0696	028290	Leads, 50' Shielded	1	NS	T-0708	057112	Hand Torch w/25' Leads	1
	T-0697	029129	Leads, 25' Hand	1	NS	T-0709	057113	Hand Torch w/50' LeadS	1
	T-0698	029130	Leads, 50' Hand	1	NS	T-0644	005094	Switch	1

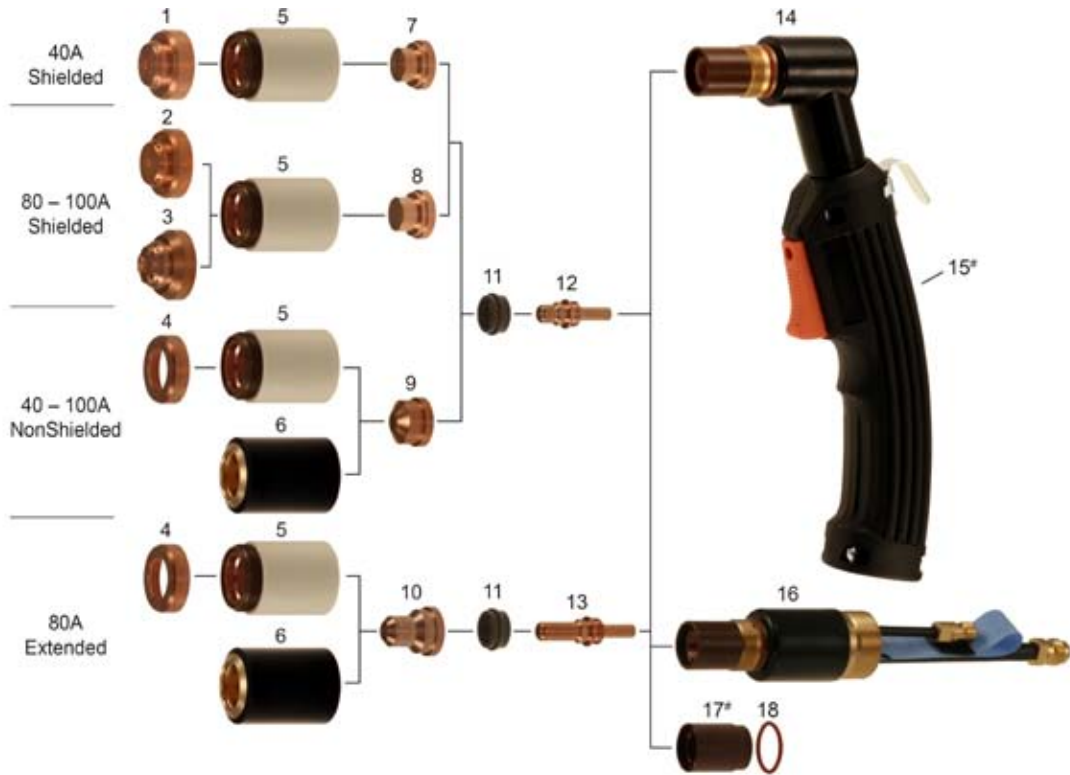
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX70®/MAX80®/MAX100®  
PAC130/M®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1041	020492	Shield, Machine 40A-MAX100®, 60A-MAX100®	1	10.	T-0100	020563	Nozzle 80A, Extended	5
2.	T-0071	020334	Shield, Machine 100A	1	NS	T-0064	020339	Nozzle 100A, Gouging	5
3.	T-0072	020335	Shield, Hand 100A	1	11.	T-0065	020194	Swirl Ring	5
4.	T-0070	020333	Deflector	1	12.	T-8128	120433	Electrode 80A, 100A, Air	5
5.	T-4609	020336	Retaining Cap	1		T-0066	020191	Electrode 80A, 100A, Air	5
	T-0101	020490 OEM	Retaining Cap	1		T-0067	020193	Electrode 40A, 80A, 100A, Nit	5
6.	T-0058	020184	Retaining Cap	1	13.	T-0098	020564	Electrode, Extended	5
7.	T-0099	020396	Nozzle 40A, Shielded	5	14.,15.	T-0068	020189	PAC130®, Hand Torch + Handle	1
8.	T-0062	020397	Nozzle 80A, Shielded	5	#15.	T-1040#	9-5636-1	Handle	1
	T-0063	020337	Nozzle 100A, Shielded	5	16.	T-0069	020201	PAC130/M®, Machine Torch Main Body	1
9.	T-0061	020195	Nozzle 100A, NonShielded	5	#17.	T-0097#	020189-1	Insulator (only for TMT torch)	1
	T-0060	020345	Nozzle 80A, NonShielded	5	18.	T-0074	026018	O-Ring	1
	T-0059	020203	Nozzle 40A, NonShielded	5	Different types of cable leads available upon request				

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

# ONLY FOR THERMACUT TORCH DESIGN

NS NOT SHOWN IN THE PICTURE

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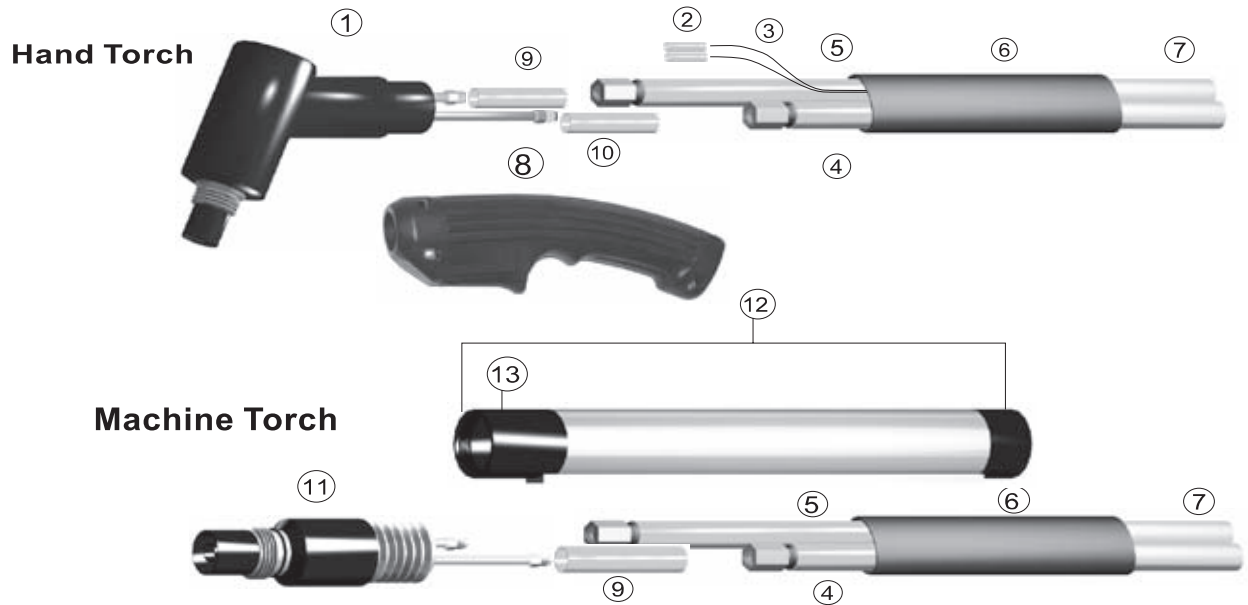
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# HYPERTHERM®

MAX70®/MAX80®/MAX100®  
PAC130/M® TORCHES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T0068	020189	TMT 100, Hand Torch	1	8.	T-1040	9-5636-1	Handle W/Switch	1
2.	T-1039	074069	Splice (2)	1	9.	T-0716	020468	Negative Lead Insulator	1
3.	T-0701	047032	Control Cable	FT.	10.	T-0684	020536 OEM	Pilot Arc Lead Insulator	1
4.	T-0718	023198	Lead, Power, 25'	1	11.	T-0069	020201	TMT 100, Machine Torch	1
	T-0719	023199	Lead, Power, 50'	1	12.	T-0713	020243 OEM	Positioning Sleeve, 10" Rack	1
	T-0722	023262	Leads, Power 75'	1		T-0715	020270 OEM	Positioning Sleeve, 18" Rack	1
5.	T-0720	023200	Lead, Hi-Frequency, 25'	1	13.	T-0714	020244 OEM	Insulating Sleeve	1
	T-0721	023201	Lead, Hi-Frequency, 50'	1		T-0117	020242 OEM	Insulating Sleeve for 020243	1
	T-0723	023263	Leads, Hi-Frequency, 75'	1	NS	T-0711	001217 OEM	Boot	1
6.	T-0725	028326	Shielded Leads, 25'	1	NS	T-0644	005094	Switch	1
	T-3722	028524**	Shielded Leads 25', w/ QD	1	NS	T-0732	059008	Machine Torch w/25' Leads	1
	T-0726	028327	Shielded Leads, 50'	1	NS	T-4196	059096**	Machine Torch w/ 25' Leads, w/ QD	1
	T-2925	028525**	Shielded Leads 50', w/ QD	1	NS	T-0733	059009	Machine Torch w/50' Leads	1
	T-0728	028335	Leads, Shielded, 75'	1	NS	T-3501	059097**	Machine Torch w/ 50' Leads, w/ QD	1
	T-3956	028526**	Shielded Leads 75', w/ QD	1	NS	T-0744	059031	Machine Torch w/ 75' Leads, w/o QD	1
	T-0729	029198	Leads Package, 25'	1	NS	T-0756	059076	Hand Torch w/ 25' Leads	1
	T-0730	029199	Leads Package, 50'	1	NS	T-0757	059077	Hand Torch w/50' Leads	1
	T-0371	029229	Hand Leads, 75'	1	NS	T-0758	059079	Hand Torch w/ 75' Leads, w/o QD	1
	T-2905	029667**	Leads Package, 25', w/QD	1	NS	T-3355	059095**	Hand Torch w/ 75' Leads, w/ QD	1
7.	T-2906	029668**	Leads Package, 50' w/QD	1	NS	T-0158	059093**	Hand Torch w/25' Leads & QD	1
	T-0699	046034	Shielded Braid	FT.	NS	T-1849	059094**	Hand Torch w/50' Leads & QD	1
	T-0700	046038	Sheathing	FT.	NS	T-1822	028518 OEM	Quick Disconnect	1

\*\*QD = Quick Disconnect

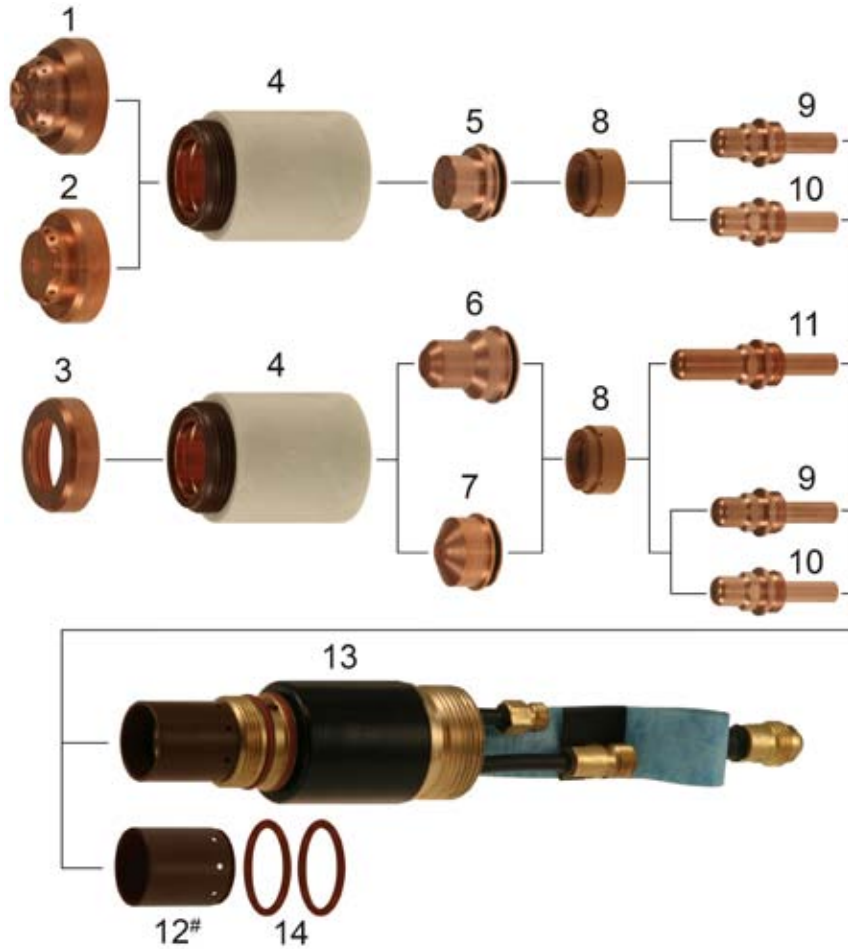
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX100D®  
PAC160/E®



Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg.
* 1.	T-0072	020335	Shield, Hand, 100A	1	T-1056	020921		Nozzle 30A, 40A, NonShielded	1
* 2.	T-0071	020334	Shield, Machine, 100A	1	8.	T-1059	020706	Swirl Ring	1
	T-1041	020492	Shield, 40A	1	9.	T-8128	120433	Electrode 60A, 80A, 100A	5
3.	T-0070	020333	Deflector	1		T-1063	020951	Electrode 30-40A	5
4.	T-1049	020846	Retaining Cap, 100A	1	10.	T-0067	020193	Electrode 40A, 80A, 100A	5
	T-1050	020756	Retaining Cap, 60A	1		T-0066	020191	Electrode 80A, 100A	5
5.	T-1053	020705	Nozzle 100A, Shielded	1	11.	T-0098	020564	Electrode, Extended	5
	T-0838	120336	Nozzle 60A, Shielded	1	#12.	T-1399#	020713-1	Insulator	1
	T-1054	020753	Nozzle	1	13.	T-1398	020713	PAC160®/E Machine Torch	1
6.	T-1052	020754 OEM	Nozzle 100A, Extended	1	14.	T-0074	026018	O-Ring	1
7.	T-1055	020922	Nozzle 60A, NonShielded	1					

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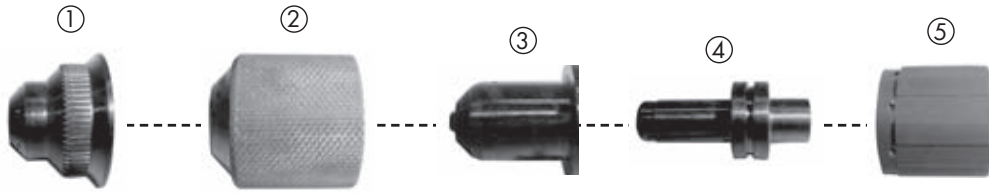
THERMACUT, INC.  
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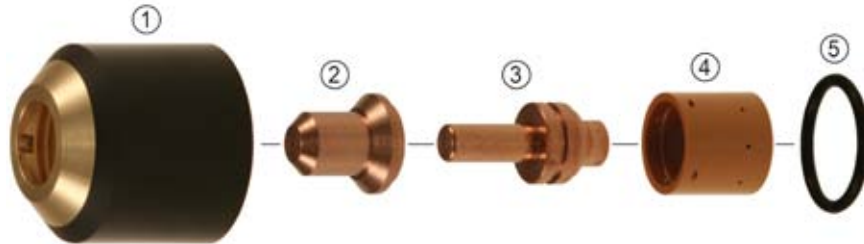
# HYPERTHERM®

## POWERMAX 190C®, PAC 105® TORCH



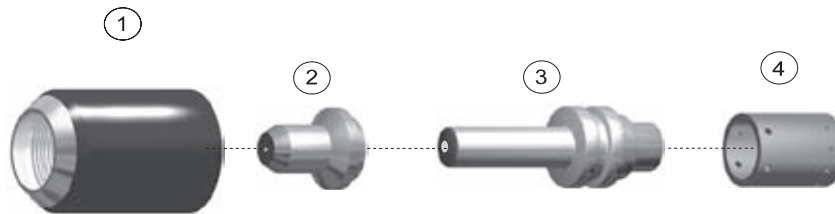
Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2943	120884 OEM	Shield, Hand	1	3.	T-2941	120882 OEM	Nozzle	5
2.	T-2944	120898 OEM	Retaining Cap	1	4.	T-2940	120881 OEM	Electrode	5
	T-4528	120883 OEM	Retaining Cap, Unshielded	1	5.	T-2939	120880 OEM	Swirl Ring	1

## POWERMAX 350® PAC110®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0032	020218	Retaining Cap	1	4.	T-0035	020239	Swirl Ring	2
2.	T-1860	120504	Nozzle, Extended, 25A	10	5.	T-0038	044016	O-Ring	10
3.	T-0037	020382	Electrode, Extended	10					

## POWERMAX 380®, PAC110T® TORCHES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-3905	220016 OEM	Retaining Cap	1	3.	T-0037	020382	Electrode	10
2.	T-1860	120504	Nozzle, Extended, 25A	10	4.	T-3904	220013 OEM	Swirl Ring	1

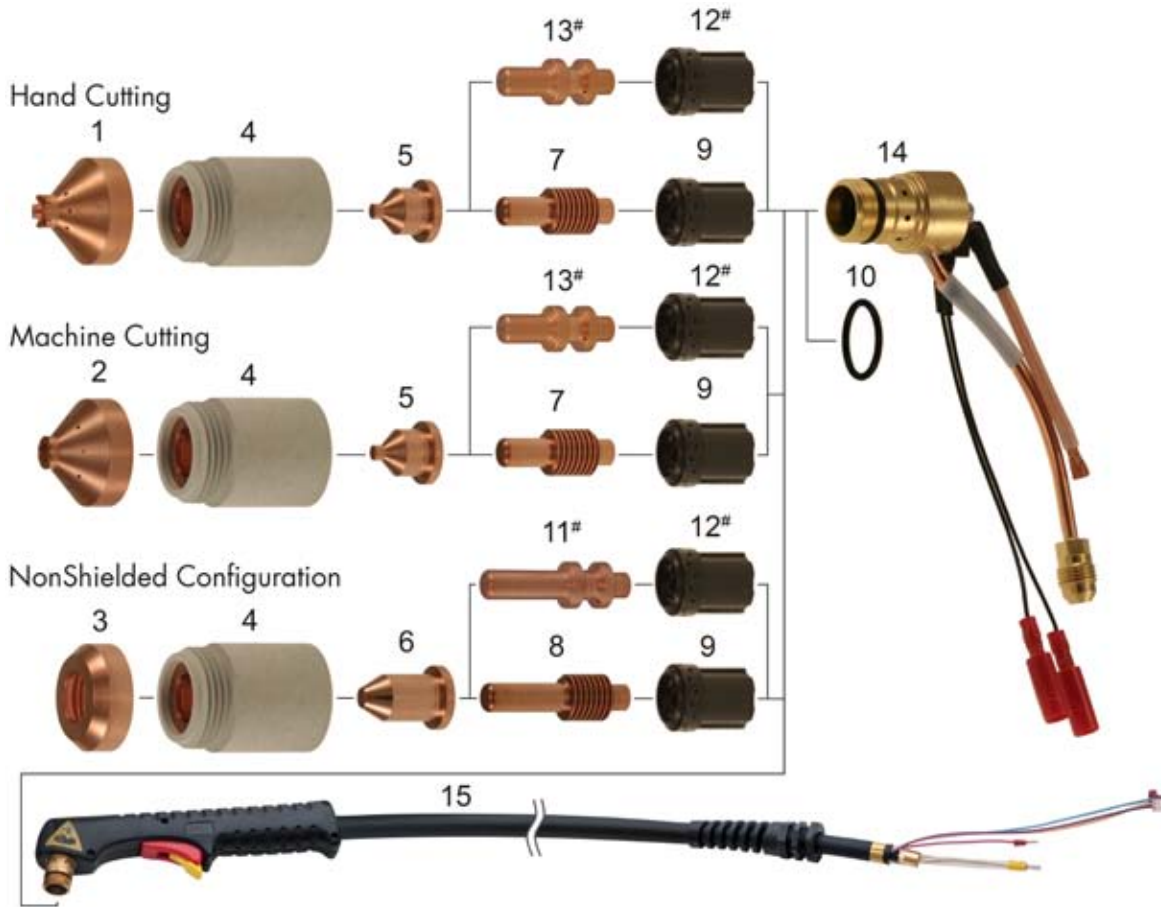
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

POWERMAX 600®  
PAC123T/M®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2849	120828 OEM	Shield 40A, Hand	1	#13.	T-4450 #	120573-UR	Electrode, Long Life	5
2.	T-2848	120827 OEM	Shield 40A, Machine	1	14.	T-10269	120570	Torch Main Body with Safety Switch	1
3.	T-1564	120303	Deflector	1	15.	086002		PAC123T® Hand Torch with Lead 7.6m (25')	1
*4.	T-9879*	120600-UR	Retaining Cap	1		T-4554	083066	Torch Assy, Hand (25')	1
5.	T-4705	120826 OEM	Nozzle 40A	1		T-4555	083067	Torch Assy, Hand (50')	1
6.	T-3418	120606	Nozzle 35A, Extended	1		T-4559	129600	Torch Leads, 25'	1
7.	T-3419	120573	Electrode	5			129601	Torch Leads, 50'	1
8.	T-2298	120574	Electrode, Extended	5			086023	Torch Assy, Hand 25'	1
9.	T-2230	120576	Swirl Ring	1		T-4590	086024	Torch Assy, Hand 25'	1
10.	T-0038	044016	O-Ring	1		T-10609	086025	Torch Assy. Hand 50'	1
#11.	T-4451#	120574-UR	Electrode, Extended, Long Life	5	Different types of cable leads available upon request				
#12.	T-4453 #	120576-UR	Swirl Ring, Long Life	5					

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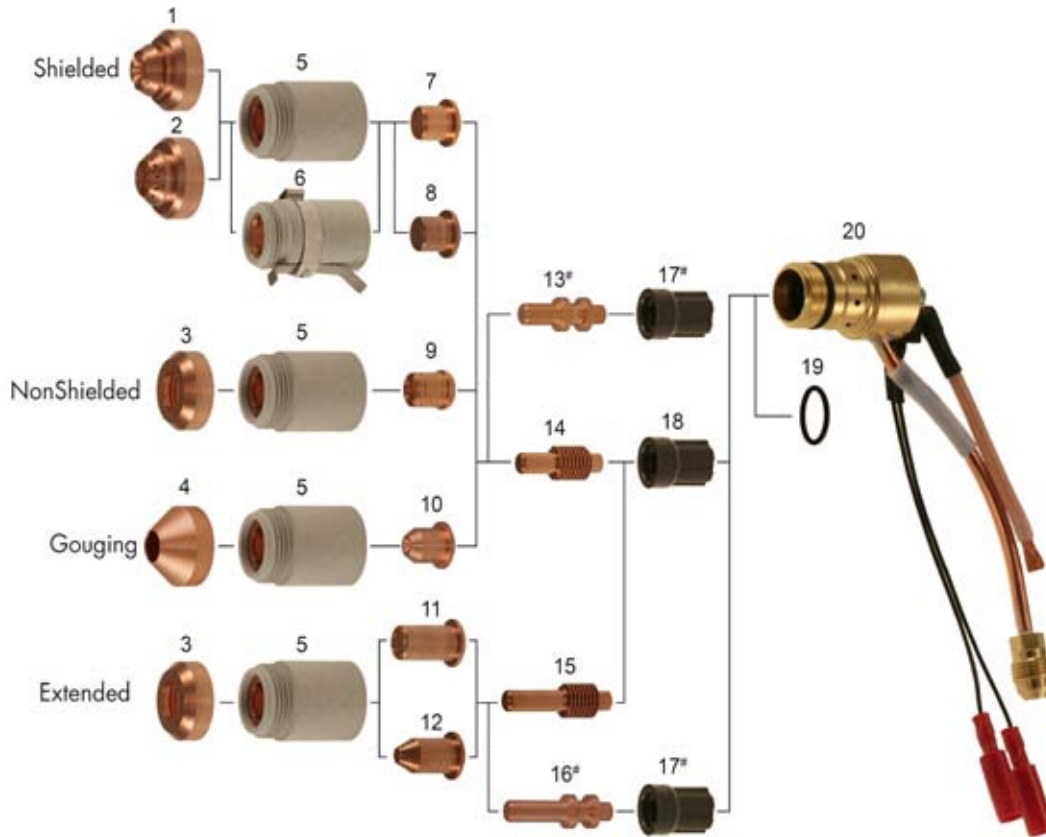
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# HYPERTHERM®

POWERMAX 800®  
PAC121T/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	14.	T-3419	120573	Electrode	5
*2.	T-9825*	120602-UR	Shield, Machine	1	15.	T-2298	120574	Electrode, Extended	5
3.	T-1564	120303	Deflector	1	#16.	T-4451#	120574-UR	Electrode, Extended, Long Life	5
4.	T-3412	120608	Shield, Gouging	1	#17.	T-4452#	020361-UR	Swirl Ring, Long Life	1
*5.	T-9879*	120600-UR	Retaining Cap	1	18.	T-0029	020361	Swirl Ring	1
*6.	T-10254*	120964-UR	Retaining Cap, Ohmic	1	19.	T-0038	044016	O-Ring	1
7.	T-1567	120282	Nozzle, 50A, Shielded	1	20.	T-10269	120570	Torch Main Body with Safety Switch	1
8.	T-3420	120438	Nozzle, 40A, Shielded	1	NS T-4554	083066	Torch Assy, Hand 25'	1	
9.	T-0028	020395	Nozzle, NonShielded	10	NS T-4555	083067	Torch Assy, Hand 50'	1	
10.	T-1568	120281	Nozzle, Gouging	1	NS T-2852	129001	Torch Lead, 25'	1	
11.	T-1569	120304	Nozzle, Extended	1	NS T-4500	129002	Torch Lead, 50'	1	
12.	T-1570	120305	Nozzle, Pipe Saddle, Extended	1	NS KT-1399	128922	RT60® Cable Leads 25' with CC	1	
NS	T-9999	220330	Nozzle (PAC123®, FineCut®)	1	NS KT-1398	083215-UR	RT60® Hand Torch with Lead 25' with CC	1	
#13.	T-4450#	120573-UR	Electrode, Long Life	5	Different types of cable leads available upon request				

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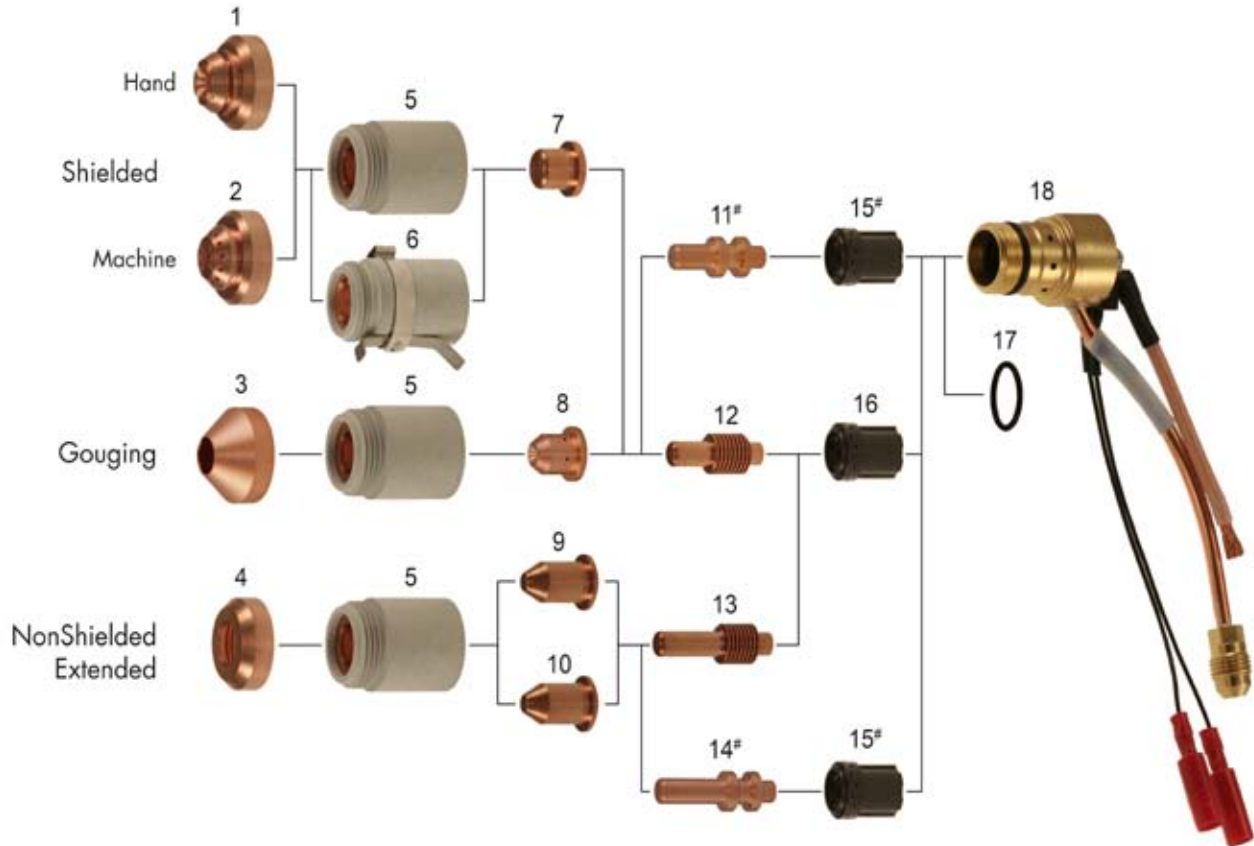
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

POWERMAX 900®  
PAC125T/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	13.	T-2298	120574	Electrode, Extended	5
*2.	T-9825*	120602-UR	Shield, Machine	1	#14.	T-4451#	120574-UR	Electrode, Extended, Long Life	5
3.	T-3412	120608	Shield, Gouging	1	#15.	T-4453#	120576-UR	Swirl Ring, Long Life	1
4.	T-1564	120303	Deflector	1	16.	T-2230	120576	Swirl Ring	1
*5.	T-9879*	120600-UR	Retaining Cap	1	17.	T-0038	044016	O-Ring	1
*6.	T-10254*	120964-UR	Retaining Cap, Ohmic	1	18.	T-10269	120570	Torch Main Body With Switch, PAC125T®	1
7.	T-3414	120577	Nozzle 55A, Shielded	1	NS T-4554	083066	Torch Assy, Hand 25'	1	
8.	T-3415	120607	Nozzle, Gouging	1	NS T-4555	083067	Torch Assy, Hand 50'	1	
9.	T-3417	120578	Nozzle, Extended 55A	1	NS T-4185	129352	Torch Lead, 25'	1	
10.	T-3418	120606	Nozzle, Extended 35A	1	NS T-4186	129353	Torch Lead, 50'	1	
NS	T-9999	220330	Nozzle (PAC123®, FineCut®)	1	NS KT-1399	128922	RT60® Cable Leads 25' with CC	1	
#11.	T-4450#	120573-UR	Electrode, Long Life	5	NS KT-1398	083215-UR	RT60® Hand Torch with Lead 25' with CC	1	
12.	T-3419	120573	Electrode	5			Different types of cable leads available upon request		

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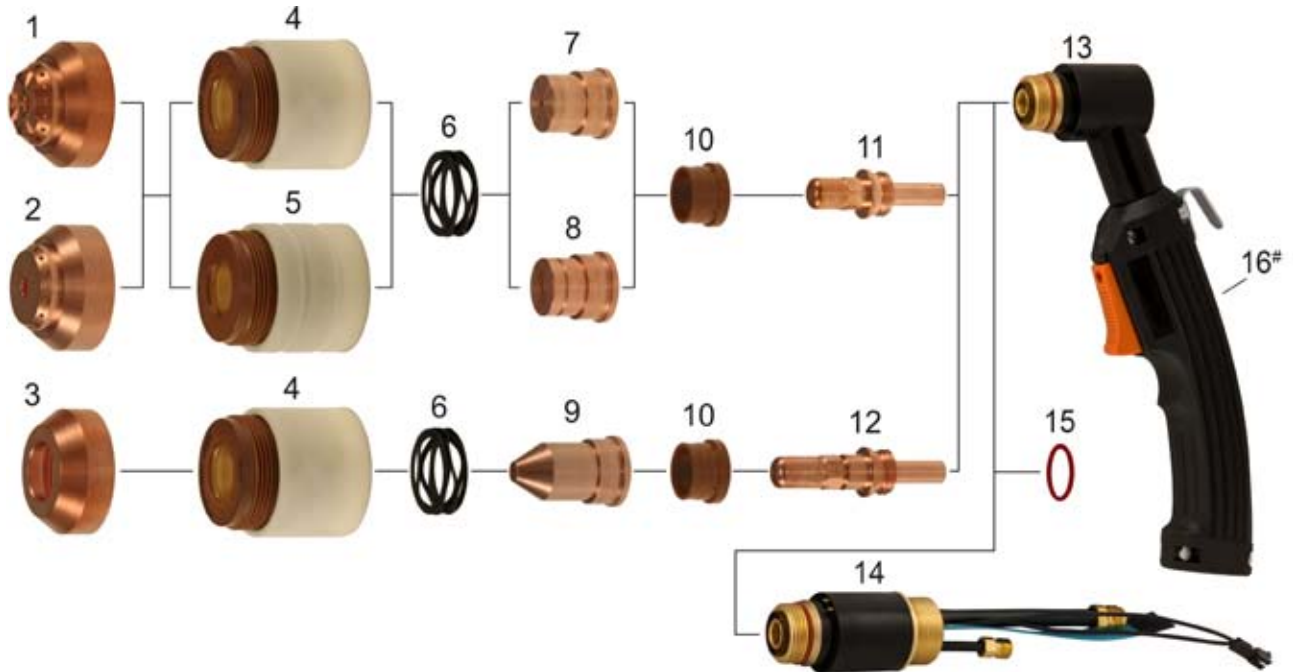
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# HYPERTHERM®

POWERMAX 1100®  
PAC135T/M®



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-2237	120475	Shield, Hand	1	9.	T-2532*	120518-UR	Nozzle, Extended	5
2.	T-2238	120516	Shield, Machine	1	10.	T-2245	120474	Swirl Ring	2
3.	T-2239	120519	Deflector	1	11.	T-2246	120473	Electrode	5
4.	T-2240	120483 OEM	Retaining Cap	1	12.	T-2247	120517	Electrode, Extended	5
5.	T-2241	120520 OEM	Retaining Cap	1	13.,16.	T-0537	120477	PAC135T® Torch, Hand + Handle	1
6.	T-2527	T-2527	Tip Spring	5	14.	T-2842	120508	PAC135M® Torch Machine	1
*7.	T-2531*	120476-UR	Nozzle 80A	5	15.	N-10082	1-020S	O-Ring	1
*8.	T-2530*	120515-UR	Nozzle 40A	5	#16.	T-1040#	9-5636-1	Handle	1

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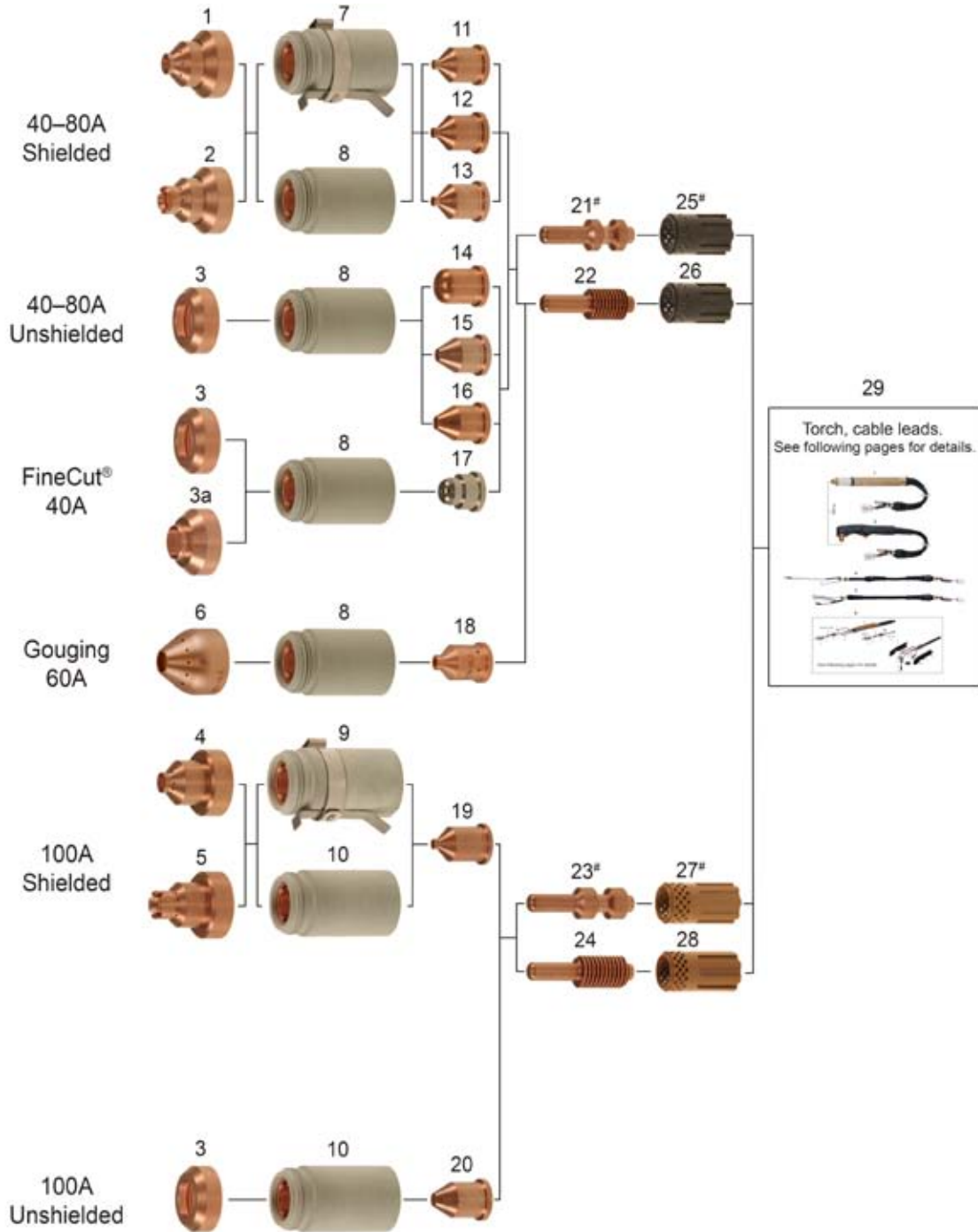
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

POWERMAX 1000® / POWERMAX 1250® / POWERMAX 1650®  
T60®/T60M®, T80®/T80M®, T100®/T100M®/T100M-2®



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# 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-11187+	120930-US	Shield, Machine 40A/60A/80A	1		T-3728	120927 OEM	Nozzle 80A	5
	T-3726	120930 OEM	Shield, Machine 40A/60A/80A	1	14.	T-3889	220006	Nozzle 40A Extended	5
+2.	T-11186+	120929-US	Shield, Hand 40A/60A/80A	1	15.	T-4572	220007	Nozzle 60A Extended	5
	T-3725	120929 OEM	Shield, Hand 40A/60A/80A	1	16.	T-3892	120980	Nozzle 80A Extended	5
3.	T-4188	120979	Deflector 40A/60A/80A/100A	1	17.	T-9998	220329	Nozzle 40A FineCut®	5
3a.	T-10410	220325 OEM	Deflector, CE 40A FineCut®	1	18.	T-11300	220059	Nozzle gouging 60-80A	5
+4.	T-11189+	220047-US	Shield, Machine 100A	1	+19.	T-11193+	220011-US	Nozzle 100A	5
+5.	T-11188+	220065-US	Shield, Hand 100A	1		T-4134	220011 OEM	Nozzle 100A	5
6.	T-11299	120977	Shield gouging 60-100A	1	20.	T-4190	220064	Nozzle 100A Extended	5
*7.	T-10244*	220061-UR	Retaining Cap, Ohmic 40A/60A/80A	1	#21.	T-4454#	120926-UR	Electrode 40A/60A/80A Long Life	5
*8.	T-9880*	120928-UR	Retaining Cap 40A/60A/80A	1	22.	T-8401	120926	Electrode 40A/60A/80A	5
*9.	T-10245*	220206-UR	Retaining Cap, Ohmic 100A	1	#23.	T-4455#	220037-UR	Electrode 100A, Long Life	5
*10.	T-9881*	220048-UR	Retaining Cap 100A	1	24.	T-8872	220037	Electrode 100A	5
+11.	T-11190+	120932-US	Nozzle 40A	5	#25.	T-4456#	120925-UR	Swirl Ring 40A/60A/80A Long Life	1
	T-3729	120932 OEM	Nozzle 40A	5	26.	T-8400	120925	Swirl Ring 40A/60A/80A	2
+12.	T-11191+	120931-US	Nozzle 60A	5	#27.	T-4457#	220051-UR	Swirl Ring 100A, Long Life	2
	T-3801	120931 OEM	Nozzle 60A	5	28.	T-11288	220051	Swirl Ring 100A	2
+13.	T-11192+	120927-US	Nozzle 80A	5	29.	Torch, cable leads. See following pages for details.			

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

+ MUST BE USED AS A SET OF SHIELD & NOZZLES

# MUST BE USED ONLY AS THE SET OF ELECTRODE & SWIRL RING, LIKE SHOWN IN THE PICTURE (UR DESIGN VERSION OR OEM DESIGN VERSION).

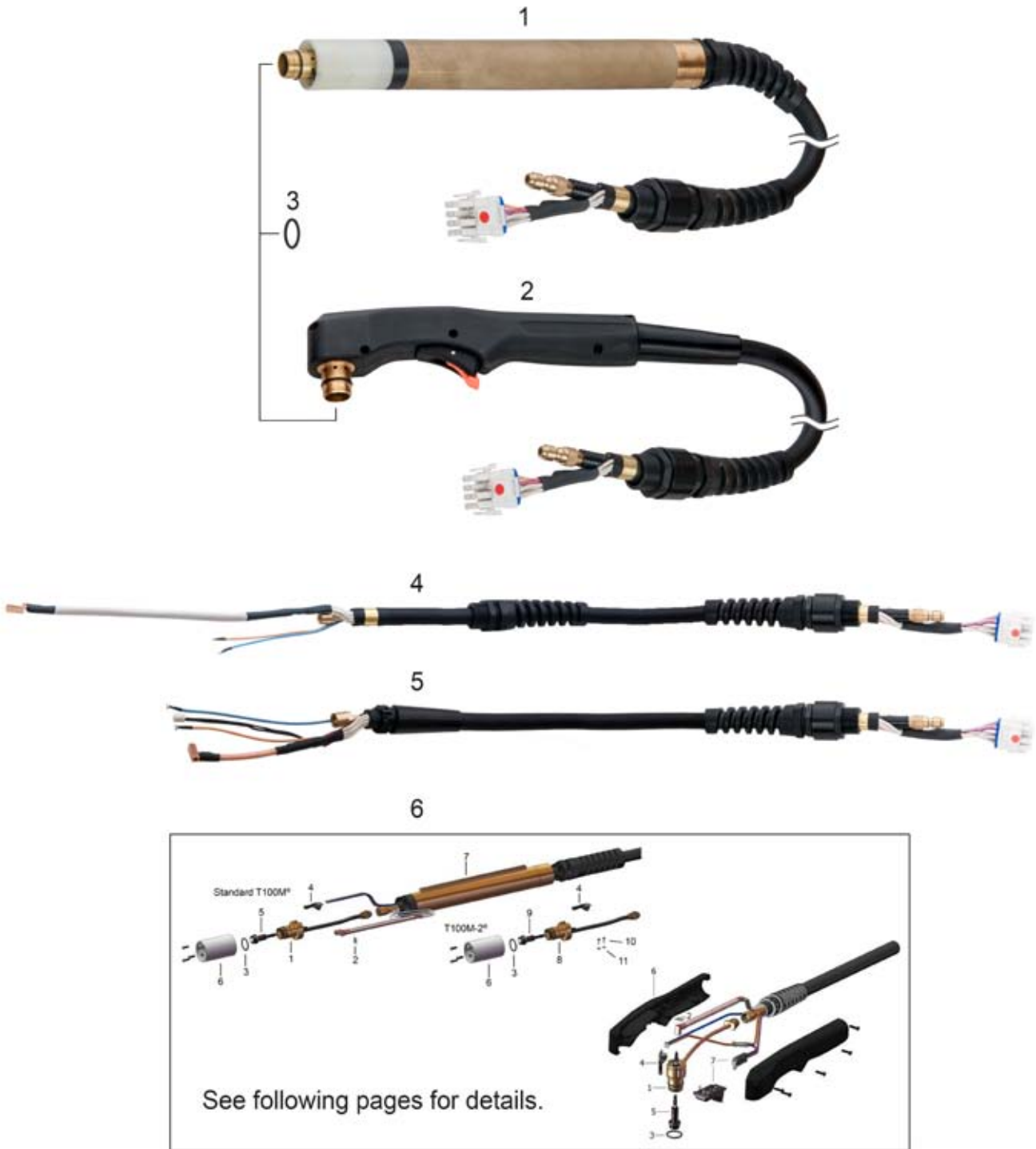
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

POWERMAX 1000® / POWERMAX 1250® / POWERMAX 1650®  
T60®/T60M® torch, T80®/T80M® torch, T100®/T100M® torch



See following pages for details.

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**THERMACUT®**  
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# 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.	T-10740*	083175-UR	T60M® Machine Torch with Leads 4.6m (15')	1	*2.	T-10715*	059270-UR	T100® Hand Torch with Leads 15.2m (50')	1
*1.	T-10741*	083174-UR	T60M® Machine Torch with Leads 7.6m (25')	1	*2.	KT-1345*	059499-UR	= 059270-UR	1
*1.	T-10742*	083176-UR	T60M® Machine Torch with Leads 10.7m (35')	1	3.	T-4510	058519	O-Ring	1
*1.	T-10743*	083177-UR	T60M® Machine Torch with Leads 15.2m (50')	1	*4.	T-10738*	128681-UR	T60® Cable Leads, Hand 7.6m (25')	1
*1.	T-10719*	087003-UR	T80M® Machine Torch with Leads 4.6m (15')	1	*4.	T-10739*	128682-UR	T60® Cable Leads, Hand 15.2m (50')	1
*1.	T-10720*	087004-UR	T80M® Machine Torch with Leads 7.6m (25')	1	*5.	T-10723*	128634-UR	T60M®/T80M® Cable Leads, Machine 4.6m (15')	1
*1.	T-10721*	087005-UR	T80M® Machine Torch with Leads 10.7m (35')	1	*5.	T-10724*	128633-UR	T60M®/T80M® Cable Leads, Machine 7.6m (25')	1
*1.	T-10722*	087006-UR	T80M® Machine Torch with Leads 15.2m (50')	1	*5.	T-10725*	128635-UR	T60M®/T80M® Cable Leads, Machine 10.7m (35')	1
*1.	T-10728*	059265-UR	T100M® Machine Torch with Leads 7.6m (25')	1	*5.	T-10726*	128641-UR	T60M®/T80M® Cable Leads, Machine 15.2m (50')	1
*1.	T-10729*	059268-UR	T100M® Machine Torch with Leads 10.7m (35')	1	*4.	T-10735*	128637-UR	T80® Cable Leads, Hand 7.6m (25')	1
*1.	T-10730*	059272-UR	T100M® Machine Torch with Leads 15.2m (50')	1	*4.	T-10734*	128636-UR	T80® Cable Leads, Hand 15.2m (50')	1
*1.	KT-1450*	059315-UR	T100M-2® Machine Torch with Leads 7.6m (25')	1	*4.	KT-1146*	128893-UR	T80® Cable Leads, Hand 22.9m (75')	1
*1.	KT-1395*	059325-UR	T100M-2® Machine Torch with Leads 15.2m (50')	1	*4.	T-10712*	128755-UR	T100® Cable Leads, Hand 7.6m (25')	1
*1.	KT-1259*	059300-UR	T100M® Machine Torch with Leads 22.9m (75')	1	*4.	T-10713*	128752-UR	T100® Cable Leads, Hand 15.2m (50')	1
*2.	T-10736*	083172-UR	T60® Hand Torch with Leads 7.6m (25')	1	*5.	T-10731*	128753-UR	T100M® Cable Leads, Machine 7.6m (25')	1
*2.	T-10737*	083171-UR	T60® Hand Torch with Leads 15.2m (50')	1	*5.	T-10732*	128751-UR	T100M® Cable Leads, Machine 10.7m (35')	1
*2.	KT-1143*	083208-UR	T60® Hand Torch with Leads 22.9m (75')	1	*5.	T-10733*	128759-UR	T100M® Cable Leads, Machine 15.2m (50')	1
*2.	T-10395*	087001-UR	T80® Hand Torch with Leads 7.6m (25')	1	*5.	KT-1258*	KT100M.22.9M.K	T100M® Cable Leads, Machine 22.9m (75')	1
*2.	T-10396*	087002-UR	T80® Hand Torch with Leads 15.2m (50')	1	*5.	KT-1396*	228224-UR	T100M-2® Cable Leads, Machine 15.2m (50')	1
*2.	KT-1147*	087047-UR	T80® Hand Torch with Leads 22.9m (75')	1	6.	Torch, cable leads. See following pages for details.			
*2.	T-10714*	059264-UR	T100® Hand Torch with Leads 7.6m (25')	1					

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

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# 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	1.-5.	T-10845	T-10845	T80M® Torch Body + Cap Sensor	1

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

## 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

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

# MUST BE USED ONLY AS A SET OF ITEMS 4, 6, 7, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

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# HYPERTHERM®

## POWERMAX 1650®

### T100M®, T100M-2® machine torch

T100M® back view



T100M-2® back view



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

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

## 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

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

# MUST BE USED ONLY AS A SET OF ITEMS 4, 6, 7, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

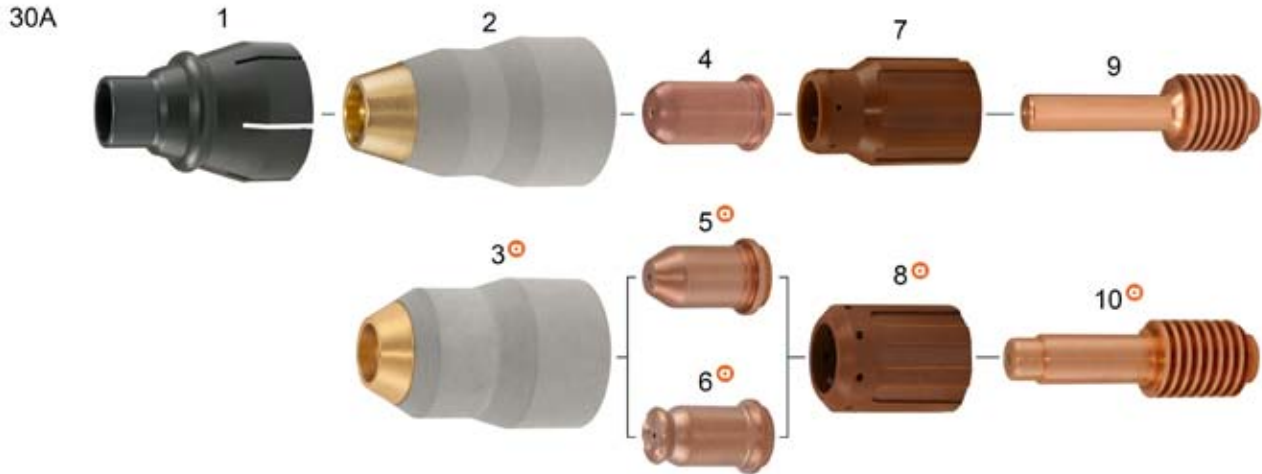
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

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	⊕ 6.	T-11943	⊕ 220480-D	Nozzle Drag	5
2.	T-11279	220483	Retaining Cap	1	7.	T-11235	220479	Swirl Ring	1
⊕ 3.	T-11852	⊕ 220483-UR	Retaining Cap	1	⊕ 8.	T-11848	⊕ 220479-UR	Swirl Ring	1
4.	T-11234	220480	Nozzle	5	9.	T-10758	220478 OEM	Electrode	5
⊕ 5.	T-11849	⊕ 220480-UR	Nozzle	5	⊕ 10.	T-11850	⊕ 220478-UR	Electrode	5

⊕ 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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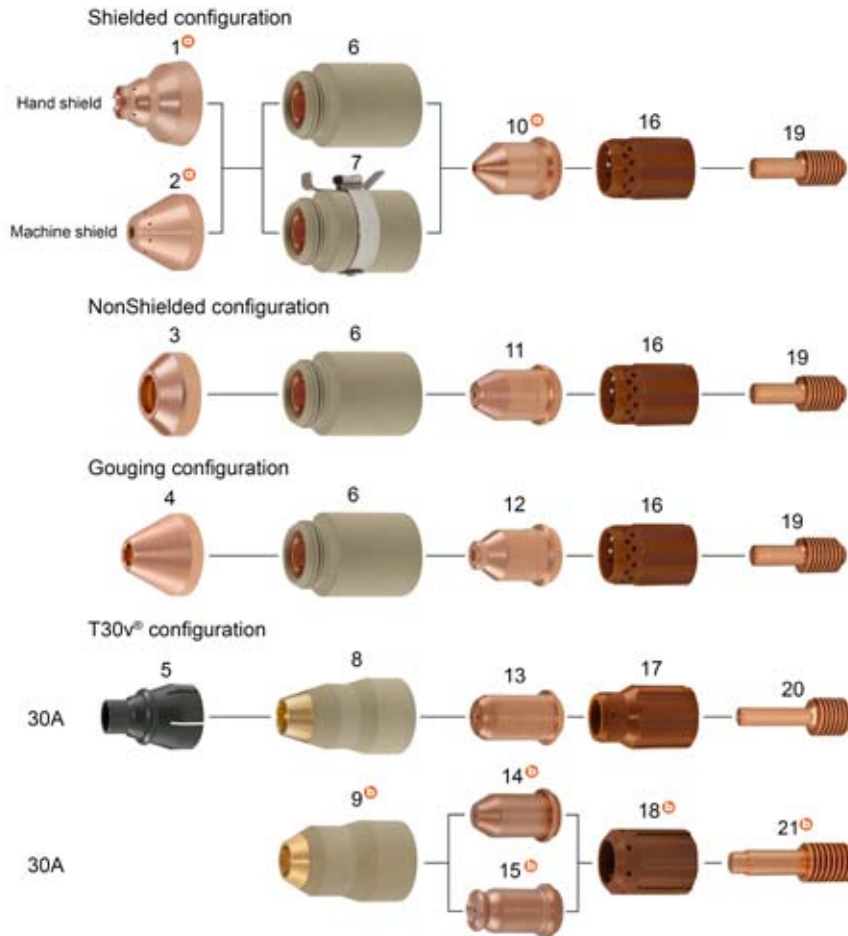
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# HYPERTHERM®

## POWERMAX 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-11237*	220713-UR	Retaining Cap 45A (without IHS tab)	1	17.	T-11235	220479	Swirl Ring 30A	1	
	7.	T-11391*	220719-UR	Retaining Cap 45A (with IHS tab)	1	ⓑ	18.	T-11848	ⓑ 220479-UR	Swirl Ring	1
	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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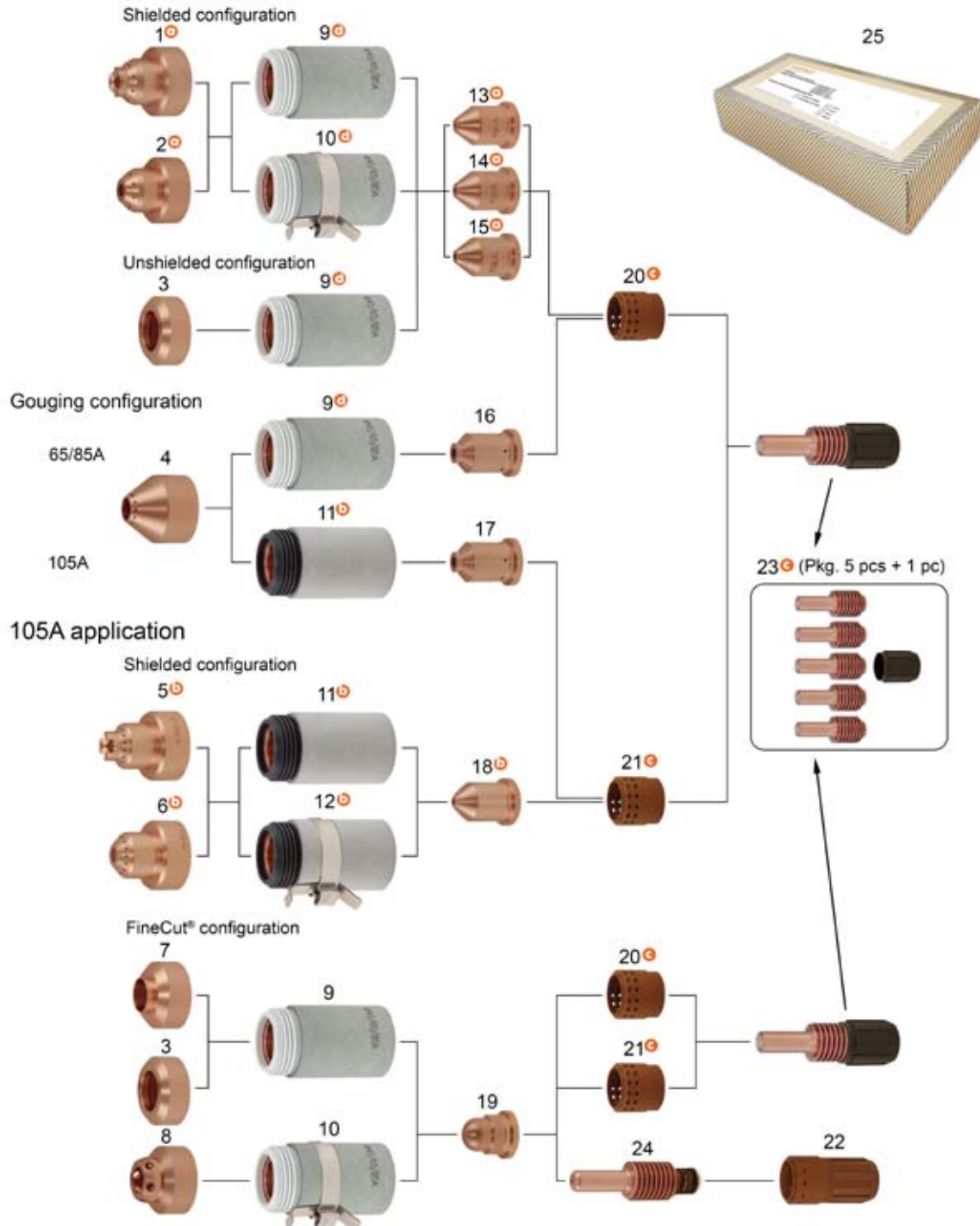
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

POWERMAX 65® / POWERMAX 85® / POWERMAX 105®  
Duramax™ hand torch, Duramax™ machine torch

## 45/65/85A application



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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.
ⓐ	1. T-11406	ⓐ 220818-UR	Shield 45/65/85A, Hand	1	ⓑ	18. T-11840	ⓑ 220990-UR	Nozzle 105A	5
ⓐ	2. T-11404	ⓐ 220817-UR	Shield 45/65/85A, Machine	1		19. T-11845	220930	Nozzle 45A, FC	5
	3. T-11407	220955	Deflector 45/65/85/105A	1	ⓐ	20. T-11861	ⓐ 220857-UR	Swirl Ring 45-85A	2
	4. T-12362	220798 OEM	Shield 65/85/105A, Gouging	1	ⓐ	21. T-11930	ⓐ 220994-UR	Swirl Ring 105A	2
ⓑ	5. T-11841	ⓑ 220992-UR	Shield 105A, Hand	1		22. T-11821	220947 OEM	Swirl Ring, FC	2
ⓑ	6. T-11842	ⓑ 220993-UR	Shield 105A, Machine	1	ⓐ	23. T-11883	ⓐ 220842x5	Electrode 45-105A (Pkg. 5 Pcs.)	5
	7. T-11822	220931 OEM	Deflector 45A, FC	1		220842		Part is available in 5pcs set 220842x5 only	
	8. T-12363	220948 OEM	Shield 45, FC, Ohmic	1	24. T-11486	220842 OEM		Electrode 45-105A	5
ⓐ	9. T-11423	ⓐ 220854-UR	Retaining Cap 45/65/85A	1	**25. T-11933**	T-11933		Starter Kit 45A, Hand	1
ⓐ	10. T-11931	ⓐ 220953-UR	Retaining Cap 45/65/85A, Ohmic	1	**	T-11934**	T-11934	Starter Kit 45A, Machine	1
ⓑ	11. T-11422	ⓑ T-11422	Retaining Cap 105A	1	**	T-11935**	T-11935	Starter Kit 65A, Hand	1
ⓑ	12. T-11932	ⓑ T-11932	Retaining Cap 105A, ohmic	1	**	T-11936**	T-11936	Starter Kit 65A, Machine	1
ⓐ	13. T-11378	ⓐ 220941-UR	Nozzle 45A	5	**	T-11937**	T-11937	Starter Kit 85A, Hand	1
ⓐ	14. T-11377	ⓐ 220819-UR	Nozzle 65A	5	**	T-11938**	T-11938	Starter Kit 85A, Machine	1
ⓐ	15. T-11405	ⓐ 220816-UR	Nozzle 85A	5	**	T-11939**	T-11939	Starter Kit 105A, Hand	1
	16. T-12364	220797 OEM	Nozzle 65/85A, Gouging	5	**	T-11940**	T-11940	Starter Kit 105A, Machine	1
	17. T-12389	220991 OEM	Nozzle 105A, Gouging	5	**	T-11941**	T-11941	Empty box for Starter Kit, universal	1

- ⓐ 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

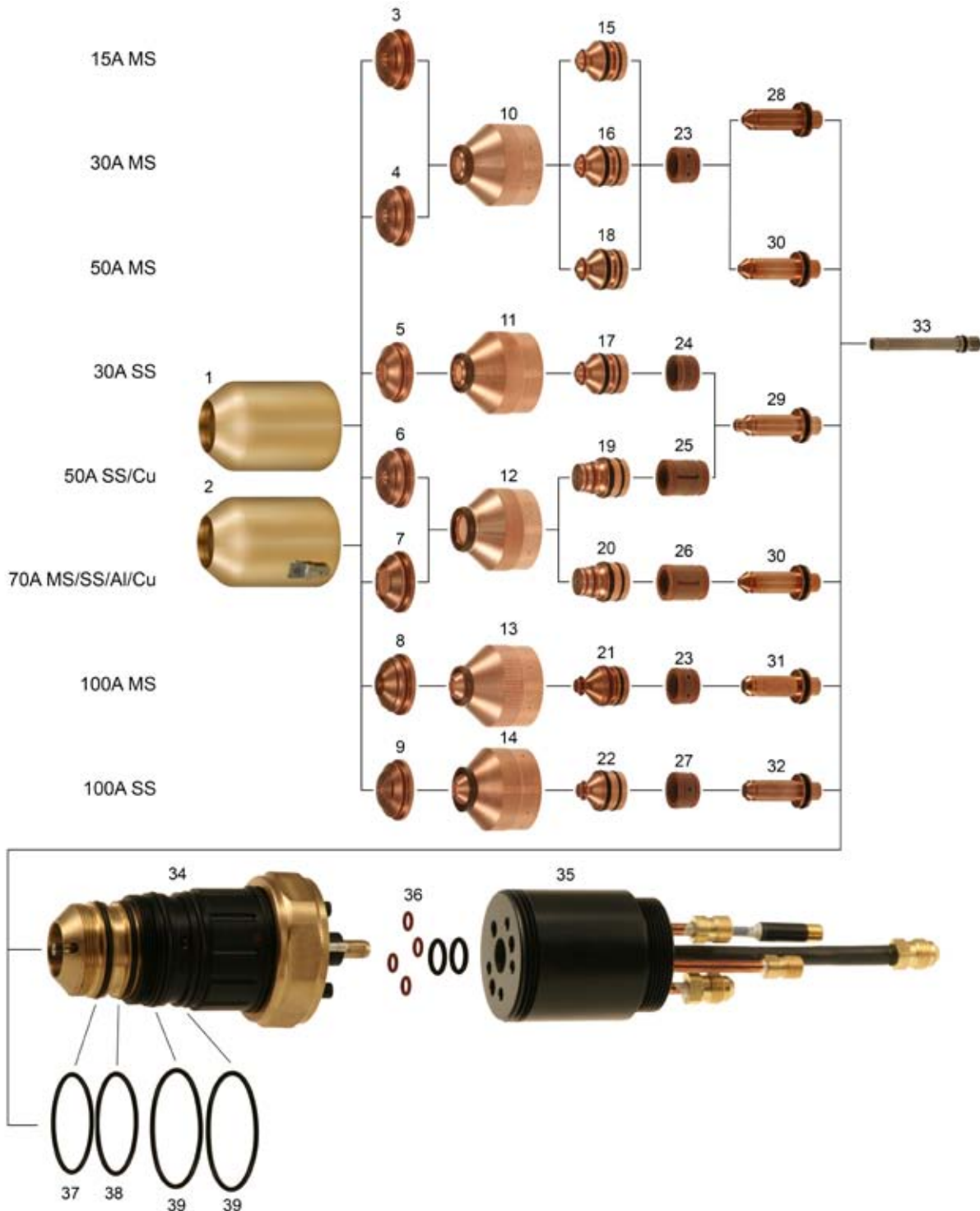
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyDefinition® HD1070®/HD3070®  
PAC182®/PAC186®/PAC190®



Last update of this page: 09/07/2015. See Revision history for details.

**THERMACUT®**  
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# HYPERTHERM®

HyDefinition® HD1070®/HD3070®  
PAC182®/PAC186®/PAC190®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-8082	020634	Shield Cap Without IHS Tab	1	26.	T-8058	020789	Swirl Ring 70A MS/SS	1
2.	T-2828	020687	Shield Cap With IHS Tab	1	27.	T-8081	120590	Swirl Ring 100A SS	5
3.	T-8727	020670-UR	Shield 15A MS	1	28.	T-8705**	120111-UR	Electrode 15-30A	5
4.	T-8728	020671-UR	Shield 30-50A MS	1	29.	T-8707**	120113-UR	Electrode 30-50A SS	5
5.	T-8087	020941	Shield 30A SS	1	30.	T-8706**	120112-UR	Electrode 70A MS/SS	5
6.	T-8090	020949	Shield 50A SS/Cu	1	31.	T-8708**	120410-UR	Electrode 100A MS	5
7.	T-8730	020796-UR	Shield 70A MS/SS	1	NS	T-4918	120410-AG	Electrode 100A MS, SilverEX-®	5
8.	T-8731	120273-UR	Shield 100A MS	1	32.	T-8709**	120589-UR	Electrode 100A SS	5
9.	T-8732	120594-UR	Shield 100A SS	1	33.	T-8100	120377	Tube, Water Electrode Cooling, PAC186®	1
10.	T-8722	020633-UR	Inner Retaining Cap 15-50A MS	1	NS	T-87334**	120377-UR	Tube, Water Electrode Cooling, PAC186®	1
11.	T-3929	020940 OEM	Inner Retaining Cap 30A SS	1	34.	T-8733**	120349-UR	Torch Main Body, PAC186®	1
12.	T-4160	020795 OEM	Inner Retaining Cap 50-70A MS, SS	1		T-8063	120349	Torch Main Body, PAC186® (i)	1
13.	T-8725	120266-UR	Inner Retaining Cap 100A MS	1	35.	T-8734**	028855-UR	Assy, PAC185®/PAC186®, Straight Quick Disconnect	1
14.	T-8092	120592 OEM	Inner Retaining Cap 100A SS	1		T-8094	028855	Assy, PAC185®/PAC186®, Straight Quick Disconnect (i)	1
15.	T-8052	020644	Nozzle 15A MS (i)	1	NS	T-8905**	120173-UR	One Piece Torch, PAC186®	1
16.	T-8053	020645	Nozzle 30A MS (i)	1	36.	T-10445	T-10445	O-Ring Set For TMT Version	1
17.	T-8085	020938	Nozzle 30A SS (i)	1	NS	T-10628	T-10628	O-Ring Set For OEM Version	1
18.	T-8054	020646	Nozzle 50A MS (i)	1	37.	T-8095	044025	O-Ring	1
19.	T-8089	020948	Nozzle 50A SS (i)	1	38.	T-4028	044026	O-Ring	1
20.	T-5647	020647-UR	Nozzle 70A MS, SS (i)	1	39.	T-4029	044507	O-Ring	1
21.	T-8056	120272	Nozzle 100A MS (i)	1	NS	T-8733-5	T-8733-5	Guiding Pin For TMT PAC186®	1
	T-5272	220409-UR	Nozzle, 100A	5	NS	T-8064	120443	Torch Body (i)	1
22.	T-8091**	120591-UR	Nozzle 100A SS	1	NS	KT-1073	028499	PAC186 Cable Leads, 6.1m (20')	1
23.	T-8057	020637	Swirl Ring 15-100A MS	1	NS	KT-1329	028500	PAC186 Cable Leads, 7.6m (25')	1
24.	T-8406	020937	Swirl Ring 30A SS	1	NS	KT-1252	028870	PAC186 Cable Leads, 12.2m (40')	1
25.	T-8059	020947	Swirl Ring 50A SS	1	Different types of cable leads available upon request				

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

NS Not shown in the picture

MS Mild steel

SS Stainless steel

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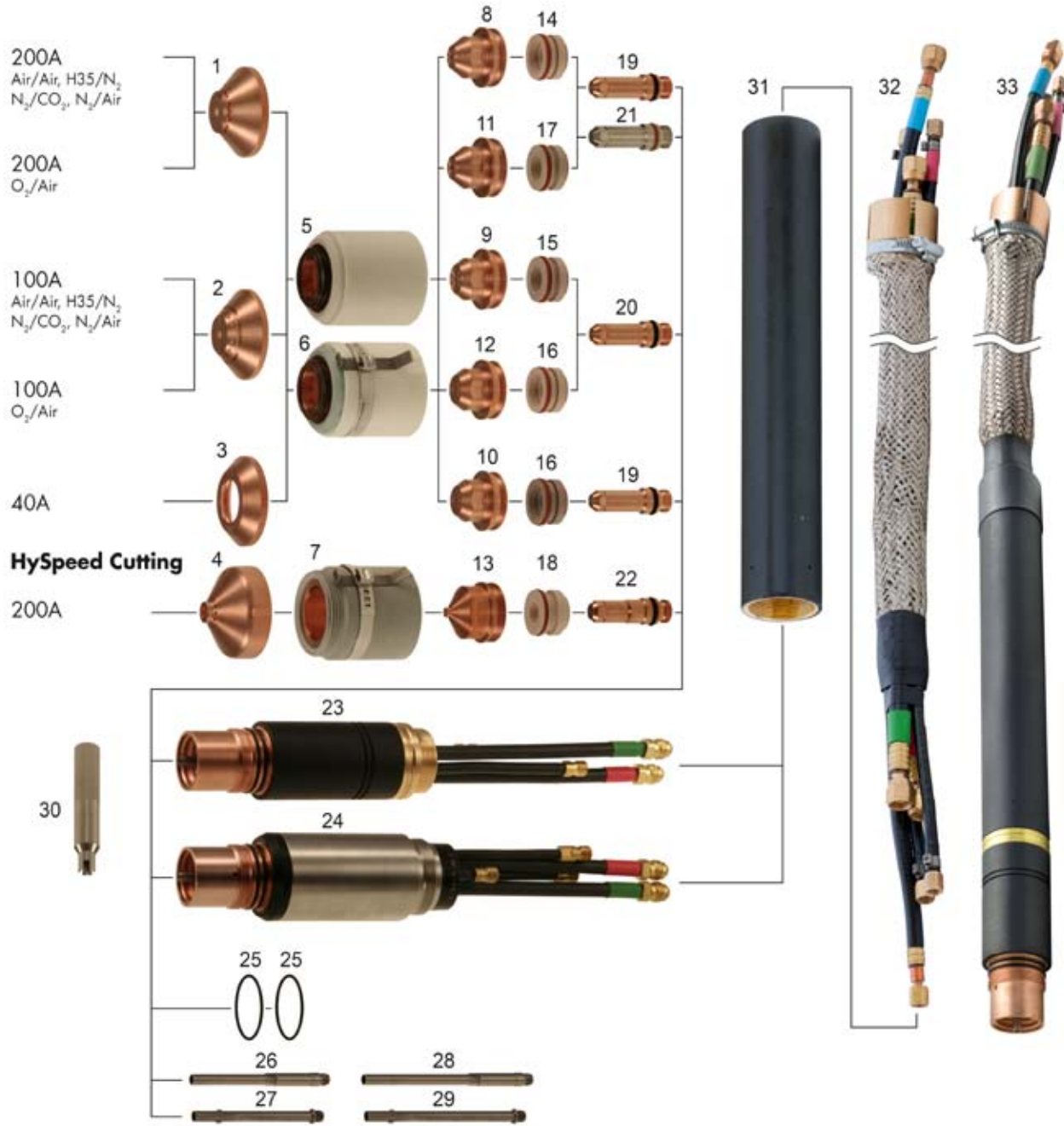
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HySpeed® HT2000®  
PAC200/T®



Parts HyPro® for line HT2000® available also, see other pages for details.

Last update of this page: 09/07/2015. See Revision history for details.

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# HYPERTHERM®

HySpeed® HT2000®  
PAC200/T®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-0365	020424	Shield, Machine 200A	1	19.	T-0998	120667	Electrode 40A, 200A	1
	T-0363	020566 OEM	Shield, Water Muffler, 200A	1	20.	T-0773	120547	Electrode 100A, 200A	5
2.	T-0366	020448	Shield, Machine 100A	1	NS	T-2838	120258	Electrode 200A, Bevel	1
	T-0364	020618 OEM	Shield, Water Muffler, 100A	1	21.	T-4901	020664-AG	Electrode, SilverEX®, 40A, 200A	5
3.	T-0368	020688	Shield, Machine 40A	1	*22.	T-10261*	220235-UR	Electrode HySpeed® 200A	5
NS	T-2837	120186 OEM	Shield, 50A	1	*NS	T-0382*	020415-UR	Electrode N <sub>2</sub> /ArH <sub>2</sub>	5
*NS	T-10317*	120260-UR	Shield 200A, O <sub>2</sub> /Air, Bevel	1	NS	T-2834	120178 OEM	Electrode, 50A	5
*4.	T-4462*	220239-UR	Shield HySpeed® 200A	1	23.	T-9757	120584	Max200®/HT2000®, Machine Torch Main Body (same as 020470)	1
5.	T-0370	020423	Retaining Cap	1	24.	T-4066	120356	Max200®/HT2000®, S.S. Machine Torch Main Body	1
	T-0984	120185 OEM	Retaining Cap, 50A	1	25.	T-0383	044027	O-Ring	1
6.	T-10242	120837	Retaining Cap, Ohmic	1	#26.	T-1813	020963	Water Tube, OEM Torch	1
*7.	T-10243*	220242-UR	Retaining Cap HySpeed®, Ohmic	1	**27.	T-4119	T-4119	Water Tube, TMT/OEM Torch	1
*NS	T-10304*	220238-UR	Retaining Cap HySpeed®	1	#28.	T-10876	120257	Water Tube Extended, OEM Torch	1
8.	T-0372	020608	Nozzle 200A, .086, Air, N2, H35	1	**29.	PT-11557	T-4120	Water Tube Extended, TMT/OEM Torch	1
9.	T-0373	020611	Nozzle 100A, .059, Air	1	30.	T-1397	T-1397	Water Tube Wrench, TMT	1
10.	T-0376	020689	Nozzle 40A, .038, Air	1	31.	T-0386	020431	Sleeve, insul., 1.75" dia. (for 120584)	1
11.	T-0371	020605	Nozzle 200A, .082, O <sub>2</sub>	1	NS	T-1001	020041	Sleeve, insul., 2.0" dia. (for 120356)	1
12.	T-1045	020690	Nozzle 100A, .055, Oxy	1	32.		028659	HT2000® Cable Leads, 6.1m (20')	1
NS	T-2836	120182 OEM	Nozzle, 50A	1		T-4698	028546	HT2000® Cable Leads, 7.6m (25')	1
NS	T-2839	120259	Nozzle 200A, O <sub>2</sub> /Air, Bevel	1		T-4699	028660	HT2000® Cable Leads, 9.1m (30')	1
13.	T-8860	220237	Nozzle HySpeed® 200A	1		T-4700	028661	HT2000® Cable Leads, 10.6m (35')	1
14.	T-1047	020679	Swirl Ring 200A, Air, N2, .086	1		T-4701	028662	HT2000® Cable Leads, 12.2m (40')	1
15.	T-0378	020607	Swirl Ring 200A, Air, N2, H35	1		T-4702	028663	HT2000® Cable Leads, 13.7m (45')	1
16.	T-0379	020613	Swirl Ring 40A, 100A, Air, Oxy	1		T-4703	028547	HT2000® Cable Leads, 15.2m (50')	1
17.	T-1046	120833	Swirl Ring 200A, O <sub>2</sub>	1	33.			Cable with torch available upon request.	
	T-10945	120834	Swirl Ring 200A, O <sub>2</sub> CCW	1					
18.	T-10318	220236	Swirl Ring HySpeed® 200A	1				Individual cable hoses available upon request	
NS	T-2835	120179 OEM	Swirl Ring, 50A	1				Parts HyPro® for line HT2000® available also, see other pages for details.	

# 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 Counter Wise (CW) swirling parts.

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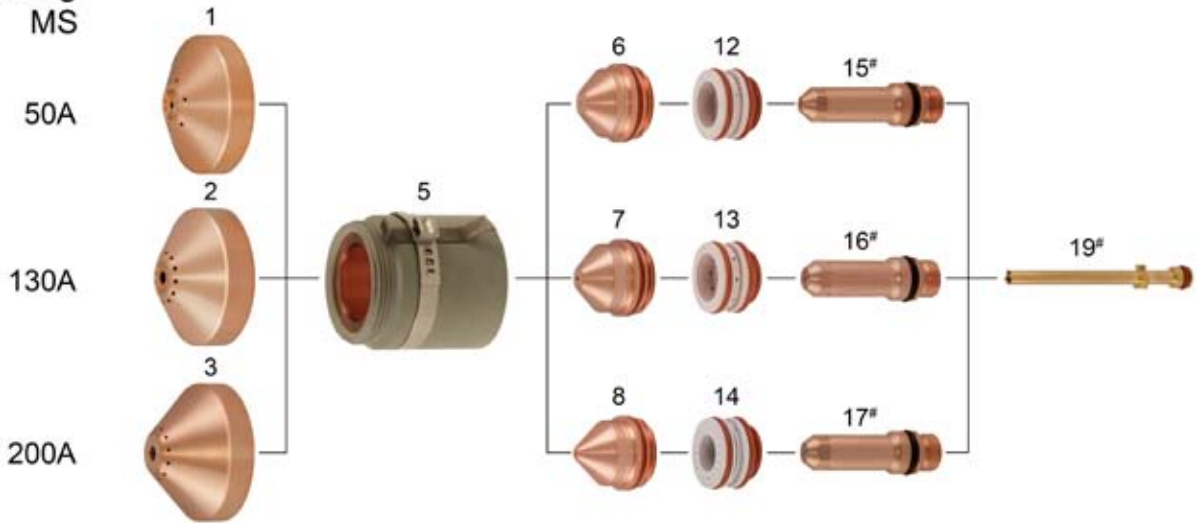
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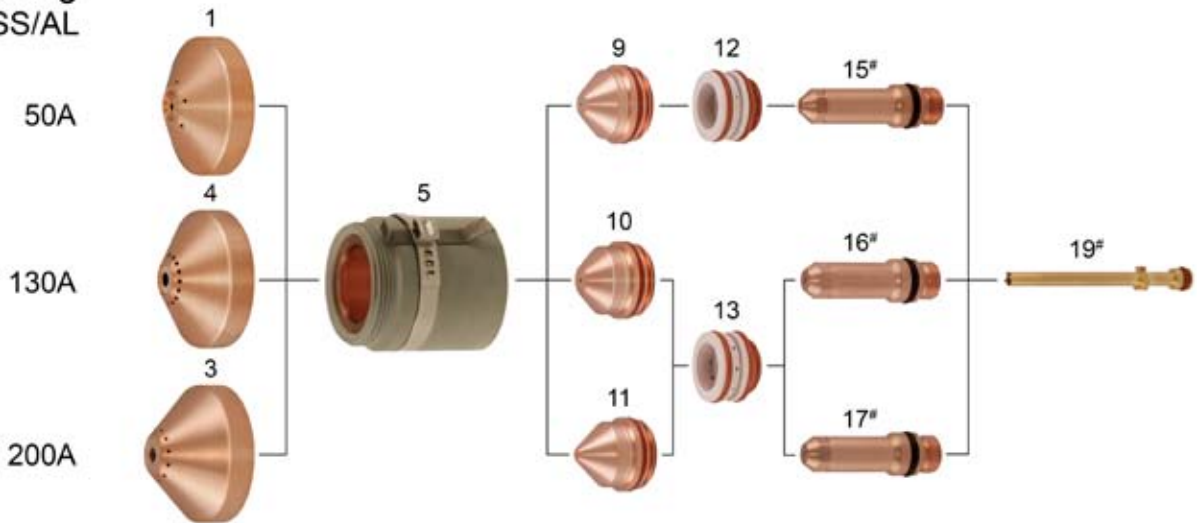
# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPro2000™ upgrade torch  
For HT2000® mild steel, stainless steel, aluminium

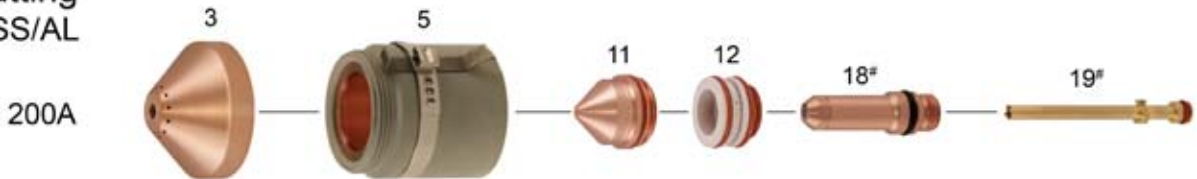
O<sub>2</sub> cutting  
MS



Air cutting  
MS/SS/AL



N<sub>2</sub> cutting  
SS/AL



Parts HyPro® for line Max200® available also, see other pages for details.

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# HYPERTHERM®

## HyPro2000™ upgrade torch

For HT2000® mild steel, stainless steel, aluminium

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NEW	1. T-11283	220532	Shield 50A O <sub>2</sub> /Air	1	11. T-11837*	420044-UR	Nozzle 200A N <sub>2</sub>	1	
NEW	2. T-11281	220491	Shield 130A O <sub>2</sub>	1	NEW	12. T-11282	220529	Swirl Ring 50A O <sub>2</sub> /Air, 200A N <sub>2</sub>	1
	3. T-11375	220832	Shield 200A O <sub>2</sub> /Air	1	NEW	13. T-11280	220488	Swirl Ring 130A O <sub>2</sub> /Air	1
NEW	4. T-11284	220536	Shield 130A Air	1	NEW	14. T-11312	220834	Swirl Ring 200A O <sub>2</sub>	1
NEW	5. T-11349*	220936-UR	Retaining Cap 50-200A O <sub>2</sub> /Air, 200A N <sub>2</sub>	1	NEW	15. T-11309#	220528-UR	Electrode 50A O <sub>2</sub> /Air	5
NS	T-11348*	220935-UR	Retaining Cap 50-200A O <sub>2</sub> /Air, 200A N <sub>2</sub> w/o IHS	1	NEW	16. T-11304#	220487-UR	Electrode 130A O <sub>2</sub> /Air	5
NEW	6. T-11314*	220891-UR	Nozzle 50A O <sub>2</sub>	1	NEW	17. T-11317#	220937-UR	Electrode 200A O <sub>2</sub> /Air	5
NEW	7. T-11316*	220893-UR	Nozzle 130A O <sub>2</sub>	1	NEW	18. T-0382#	020415-UR	Electrode 200A N <sub>2</sub>	5
	8. T-11836*	220831-UR	Nozzle 200A O <sub>2</sub>	1	NEW	19. T-11307#	220521-UR	Cooling Tube (use with TMT electrode)	1
NEW	9. T-11313*	220890-UR	Nozzle 50A Air	1	Parts HyPro® for line Max200® available also, see other pages for details.				
NEW	10. T-11315*	220892-UR	Nozzle 130A Air	1					

\* 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.

w/o without

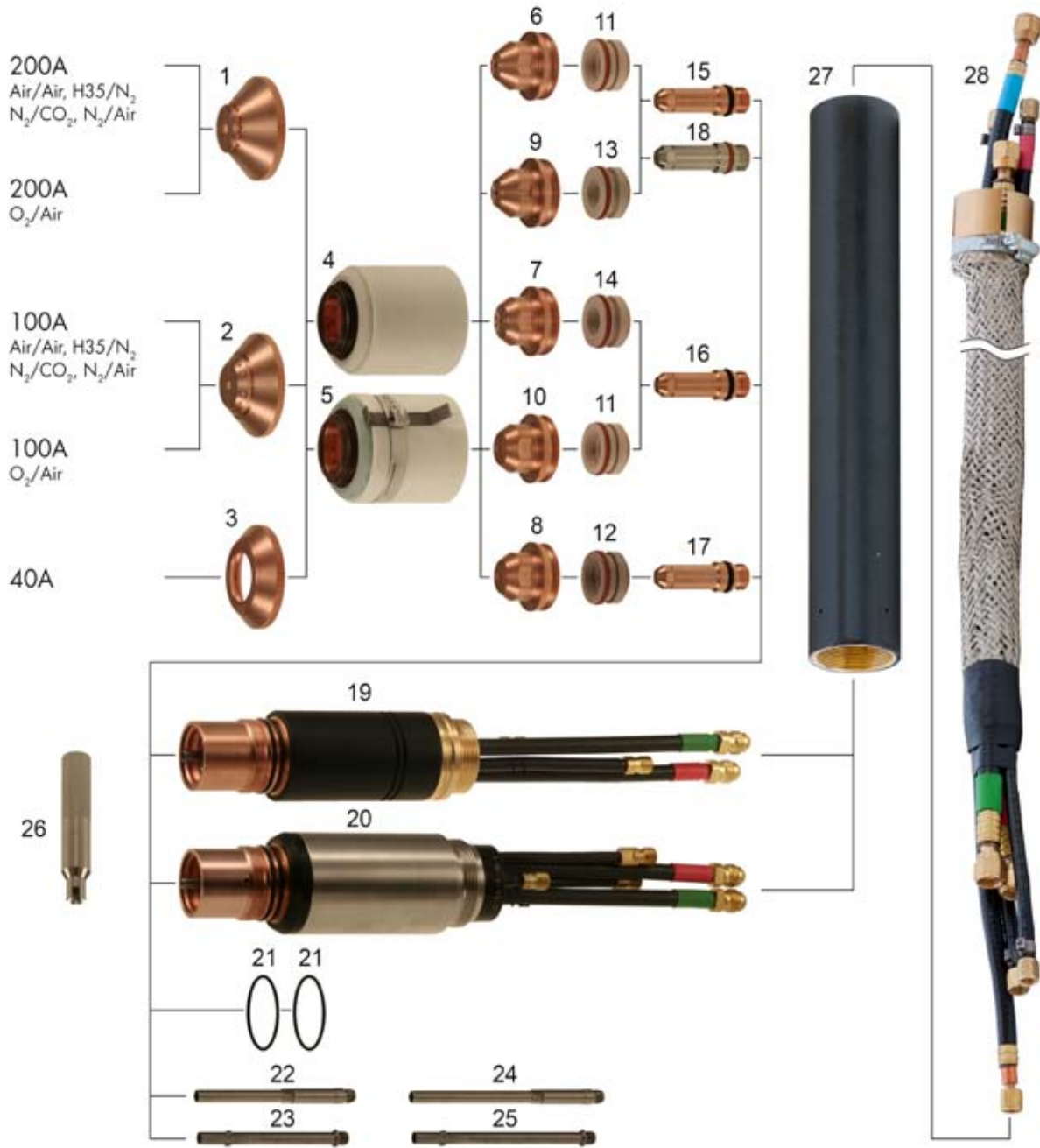
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

MAX200®  
PAC200T/E®



Parts HyPro® for line Max200® available also, see other pages for details.

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# HYPERTHERM®

MAX200®  
PAC200T/E®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-0365	020424	Shield, Machine 200A	1	19.	T-0384	020470	Max200®, Machine Torch Main Body (same as 120584)	1
2.	T-0366	020448	Shield, Machine 100A	1	NS	T-0382	020415-UR	Electrode N <sub>2</sub> /ArH <sub>2</sub> 100A, 200A	5
3.	T-0368	020688	Shield, Machine 40A	1	20.	T-4066	120356	Max200®/HT2000®, S.S. Machine Torch Main Body	1
NS	T-4641	020602 OEM	Shield, 200A	1	21.	T-0383	044027	O-Ring	1
NS	T-2840	120260-UR	Shield, Bevel	1	#22.	T-1813	020963	Water Tube, OEM Torch	1
4.	T-0370	020423	Retaining Cap	1	**23.	T-4119	T-4119	Water Tube, TMT/OEM Torch	1
5.	T-10242	120837	Retaining Cap, Ohmic	1	#24.	T-10876	120257	Water Tube Extended, OEM Torch	1
6.	T-0372	020608	Nozzle 200A, .086, Air, N2, H35	1	**25.	PT-11557	T-4120	Water Tube Extended, TMT/OEM Torch	1
7.	T-0373	020611	Nozzle 100A, .059	1	26.	T-1397	T-1397	Water Tube Wrench, TMT	1
8.	T-0376	020689	Nozzle 40A, .038, Air	1	27.	T-0386	020431	Sleeve, insul., 1.75" dia. (for 020470)	1
9.	T-0371	020605	Nozzle O <sub>2</sub> 200A, .082	1	NS	T-1001	020041	Sleeve, insul., 2.0" dia. (for 120356)	1
10.	T-0375	020616	Nozzle O <sub>2</sub> 100A, .055	1	28.	T-0669	028383	MAX200® Cable Leads, Mach. 7.6m (25')	1
	T-2389	120259	Nozzle, Bevel, O <sub>2</sub>	5		T-0671	028457	MAX200® Cable Leads, Mach. 9.1m (30')	1
11.	T-0378	020607	Swirl Ring 100A, 200A, .086, Air, N2	1		T-0672	028458	MAX200® Cable Leads, Mach. 10.7m (35')	1
12.	T-0379	020613	Swirl Ring 40A, Air	1		T-0673	028459	MAX200® Cable Leads, Mach. 12.2m (40')	1
13.	T-0377	020604	Swirl Ring O <sub>2</sub> 200A	1		T-0674	028460	MAX200® Cable Leads, Mach. 13.7m (45')	1
14.	T-0380	020617	Swirl Ring O <sub>2</sub> 100A	1		T-0670	028384	MAX200® Cable Leads, Mach. 15.2m (50')	1
NS	T-1046	120833	Swirl Ring, Bevel, 2CCA, Oxy	1		KT-1078	K.MAX200.21M.K	MAX200® Cable Leads, Mach. 21m (69')	1
*15.	T-3926*	220021-UR	Electrode 40A, 200A	1		T-2829	028599	MAX200® Cable Leads, Mach. 22.9m (75')	1
NS	T-2838	120258	Electrode 200A, Bevel	5		T-3444	028781	MAX200® Cable Leads, Mach. 30.5m (100')	1
16.	T-0773	120547	Electrode 100A,	5	Individual cable hoses available upon request				
17.	T-0998	120667	Electrode 200A	5	Parts HyPro® for line Max200® available also, see other pages for details.				
18.	T-4901	020664-AG	Electrode, SilverEX®, 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

Last update of this page: 09/07/2015. See Revision history for details.

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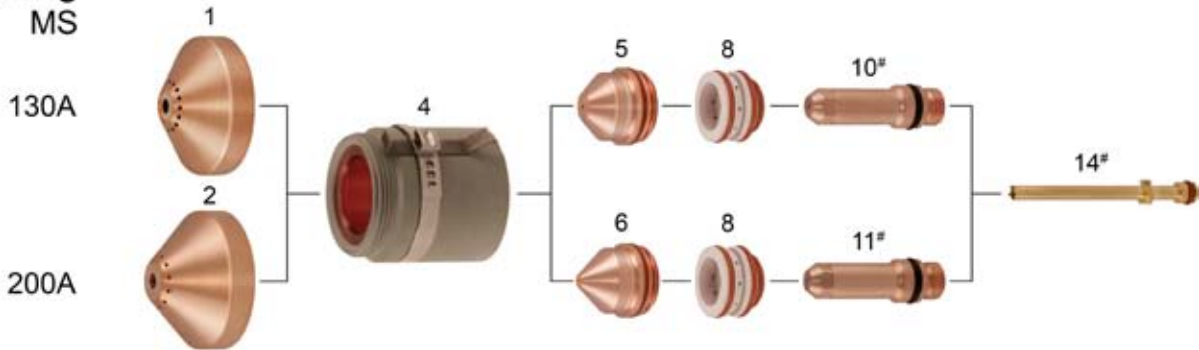
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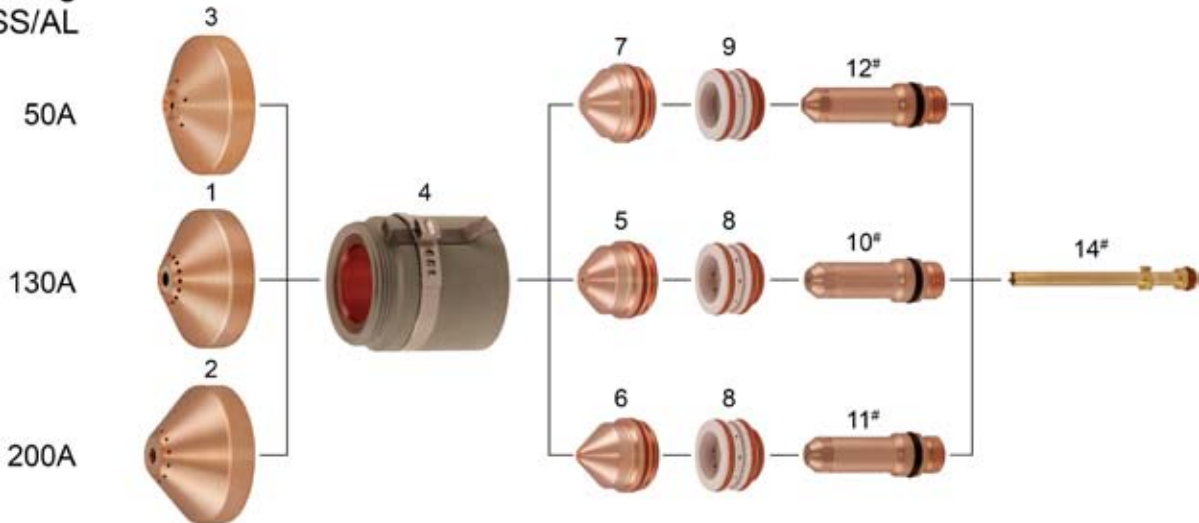
# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPro2000™ upgrade torch  
For MAX200® mild steel, stainless steel, aluminium

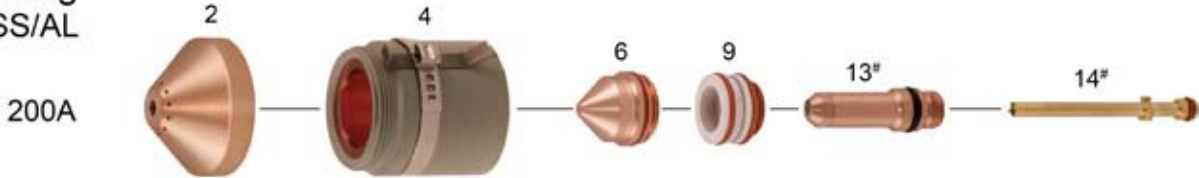
O<sub>2</sub> cutting  
MS



Air cutting  
MS/SS/AL



N<sub>2</sub> cutting  
SS/AL



Parts HyPro® for line HT2000® available also, see other pages for details.

Last update of this page: 08/06/2015. See Revision history for details.

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# HYPERTHERM®

## HyPro2000™ upgrade torch

For MAX200® mild steel, stainless steel, aluminium

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NEW 1.	T-11284	220536	Shield 130A O <sub>2</sub> /Air	1	NEW 8.	T-11280	220488	Swirl Ring 130A O <sub>2</sub> / Air, 200A O <sub>2</sub>	1
2.	T-11376	420045	Shield 200A O <sub>2</sub> /Air/N <sub>2</sub>	1	NEW 9.	T-11282	220529	Swirl Ring 50A Air, 200A N <sub>2</sub>	1
NEW 3.	T-11283	220532	Shield 50A Air	1	NEW 10.	T-11304#	220487-UR	Electrode 130A O <sub>2</sub> /Air	5
NEW 4.	T-11349*	220936-UR	Retaining Cap 50-200A O <sub>2</sub> /Air, 200A N <sub>2</sub>	1	NEW 11.	T-11317#	220937-UR	Electrode 200A O <sub>2</sub> /Air	5
NS T-11348*	220935-UR	Retaining Cap 50-200A O <sub>2</sub> /Air, 200A N <sub>2</sub> w/o LHS	1	NEW 12.	T-11309#	220528-UR	Electrode 50A Air	5	
NEW 5.	T-11315*	220892-UR	Nozzle 130A O <sub>2</sub> /Air	1	NEW 13.	T-0382#	020415-UR	Electrode 200A N <sub>2</sub>	5
6.	T-11837*	420044-UR	Nozzle 200A O <sub>2</sub> /Air/N <sub>2</sub>	1	NEW 14.	T-11307#	220521-UR	Cooling Tube (use with TMT electrode)	1
NEW 7.	T-11313*	220890-UR	Nozzle 50A Air	1	Parts HyPro® for line HT2000® available also, see other pages for details.				

\* 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.

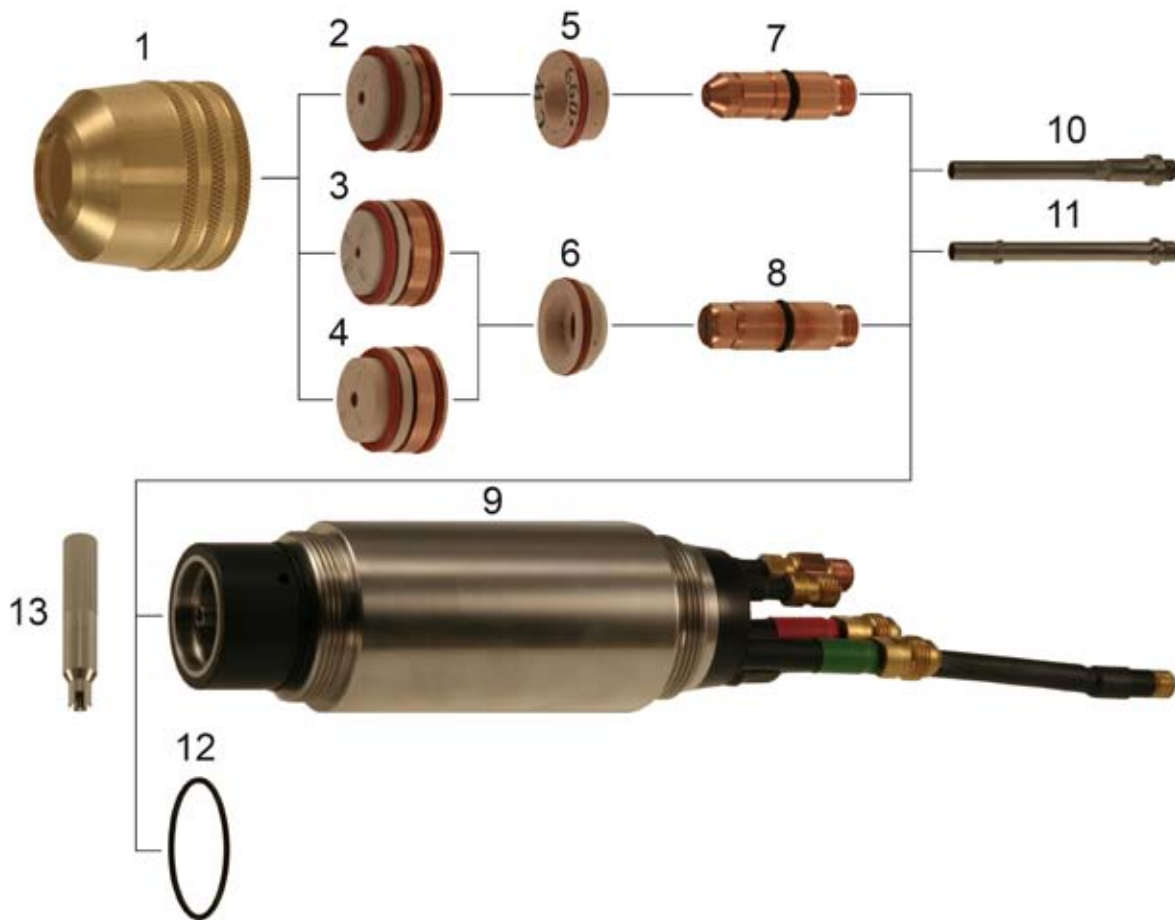
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HT400®



Last update of this page: 17/07/2014. See Revision history for details.

**THERMACUT®**  
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# HYPERTHERM®

## HT400®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0088	020579	Retaining Cap, Tapered	1	12.	T-1006	044028	O-Ring	1
2.	T-0078	020086	Nozzle, .099 Oxygen	1	13.	T-1397	T-1397	Wrench for TMT Water Tube	1
3.	T-0079	020089	Nozzle, .120 Nitrogen	1	NS	T-0631	028137	HT400®, PAC500® Cable Leads, 3.0m (10')	1
4.	T-0080	020084	Nozzle, .166 Nitrogen	1	NS	T-0632	028138	HT400®, PAC500® Cable Leads, 4.5m (15')	1
5.	T-0081	020096	Swirl Ring, Oxygen	1	NS	T-0633	028139	HT400®, PAC500® Cable Leads, 6.1m (20')	1
	T-0087	020097	Swirl Ring, Oxygen, CCW	1	NS	T-0634	028140	HT400®, PAC500® Cable Leads, 7.6m (25')	1
6.	T-0020	020039	Swirl Ring, Nitrogen	1	NS	T-0635	028141	HT400®, PAC500® Cable Leads, 9.2m (30')	1
7.	T-0083	020081	Electrode, Oxygen	5	NS	T-0636	028142	HT400®, PAC500® Cable Leads, 10.7m (35')	1
8.	T-0084	020082	Electrode, Nitrogen	5	NS	T-0637	028143	HT400®, PAC500® Cable Leads, 12.2m (40')	1
9.	T-0085	020080	Torch Body HT400®	1	NS	KT-1217	K.HT400.15,2M.K	HT400®, PAC500® Cable Leads, 15.2m (50')	1
#10.	T-1389#	020990 OEM	Water Tube: PAC400®/PAC600®/PAC170® (For OEM Torch)	1	NS	KT-1058	K.HT400.10,7M	HT400® Mach. Torch with Leads 10.7m (35')	1
**11.	T-1388	020990-UR	Water Tube: PAC400®/PAC600®/PAC170® (For TMT Torch)	1	Different types of cable leads available upon request				

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-0631	028137	Leads, Shielded, 10'	1	NS	T-0635	028141	Leads, Shielded, 30'	1
NS	T-0632	028138	Leads, Shielded, 15'	1	NS	T-0636	028142	Leads, Shielded, 35'	1
NS	T-0633	028139	Leads, Shielded, 20'	1	NS	T-0637	028143	Leads, Shielded, 40'	1
NS	T-0634	028140	Leads, Shielded, 25'	1	Individual cable hoses available upon request				

# Compatible with OEM torch only, doesn't fit to Thermacut torch

\*\* Compatible with Thermacut and OEM torch

NS Not shown in the picture

CCW Counter Clock Wise gas swirling, use of CCW parts will make cut angle on the opposite side, than with standard Counter Wise (CW) swirling parts.

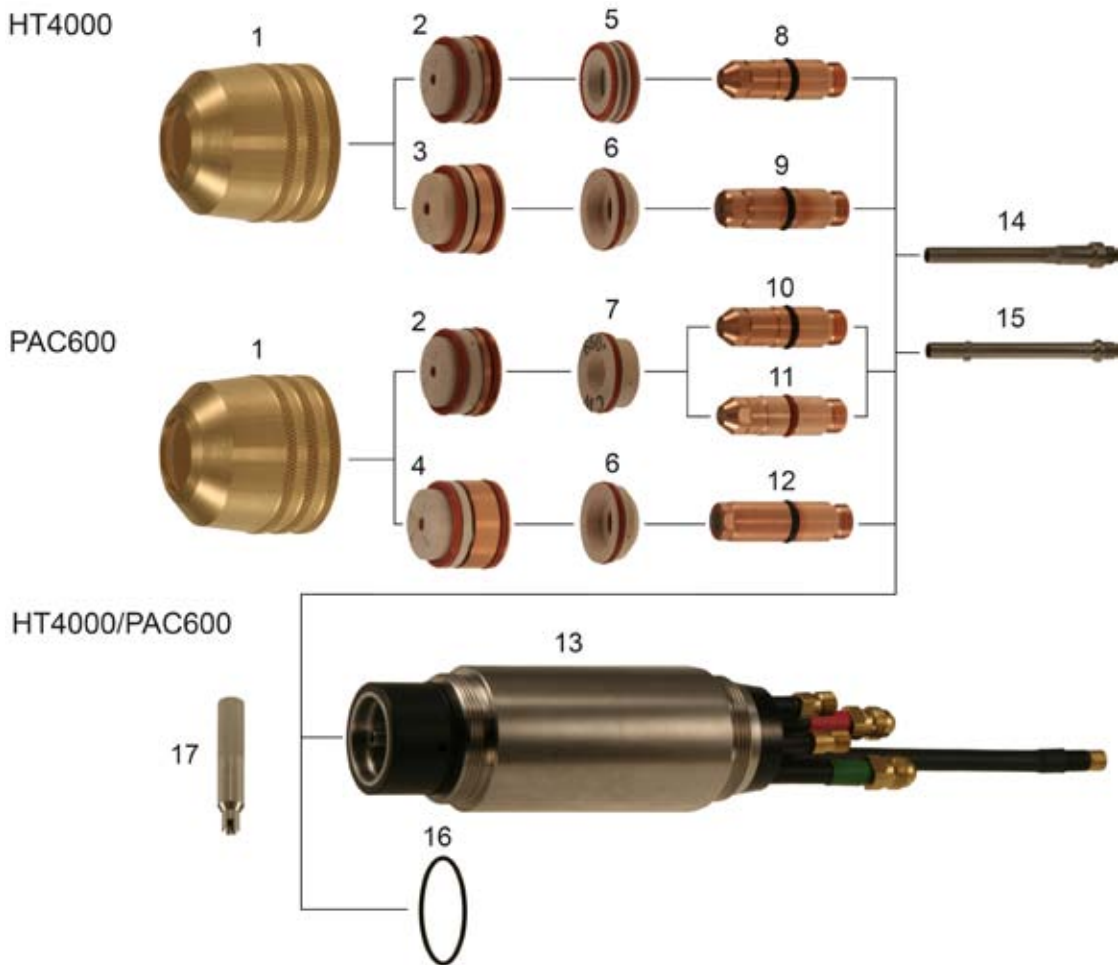
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HT4000®  
PAC170®/PAC600®



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**THERMACUT®**  
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# HYPERTHERM®

HT4000®

PAC170®/PAC600®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0088	020579	Retaining Cap, Tapered	1	8.	T-1293	020663	Electrode, PAC170®, Oxygen	5
2.	T-0078	020086	Nozzle, .099 Oxygen	1	9.	T-0084	020082	Electrode, Nitrogen	5
3.	T-0080	020084	Nozzle, .166 Nitrogen	1	10.	T-0083	020081	Electrode, Oxygen	5
4.	T-0509	020281	Nozzle, .120 Nitrogen	1	11.	T-1382	120090	Electrode, Oxygen	5
	T-0510	020282	Nozzle, 166 Nitrogen	1	12.	T-0499	020285	Electrode, Nitrogen	5
	T-0511	020283	Nozzle, .187 Nitrogen	1	13.	T-1393	020328	Torch Body PAC170®/PAC600®/PAC620®	1
	T-0512	020284	Nozzle, .220 Nitrogen	1	#14.	T-1389#	020990 OEM	Water Tube (For OEM Torch)	1
5.	T-1292	020623	Swirl Ring, PAC170®	1	**15.	T-1388**	T-1388	Water Tube (For 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	1	17.	T-1397	T-1397	Wrench for TMT Water Tube	1
7.	T-1002	020380	Swirl Ring, .099	1	NS		020723 OEM	Electrode, Oxy, Bevel	5
	T-1003	020391	Swirl Ring, .099 (ccw)	1					

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS T-0631	028137		Leads, Shielded, 10'	1	NS T-0635	028141		Leads, Shielded, 30'	1
NS T-0632	028138		Leads, Shielded, 15'	1	NS T-0636	028142		Leads, Shielded, 35'	1
NS T-0633	028139		Leads, Shielded, 20'	1	NS T-0637	028143		Leads, Shielded, 40'	1
NS T-0634	028140		Leads, Shielded, 25'	1	Individual cable hoses available upon request				

# Compatible with OEM torch only, doesn't fit to Thermacut torch

\*\* 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 Counter Wise (CW) swirling parts.

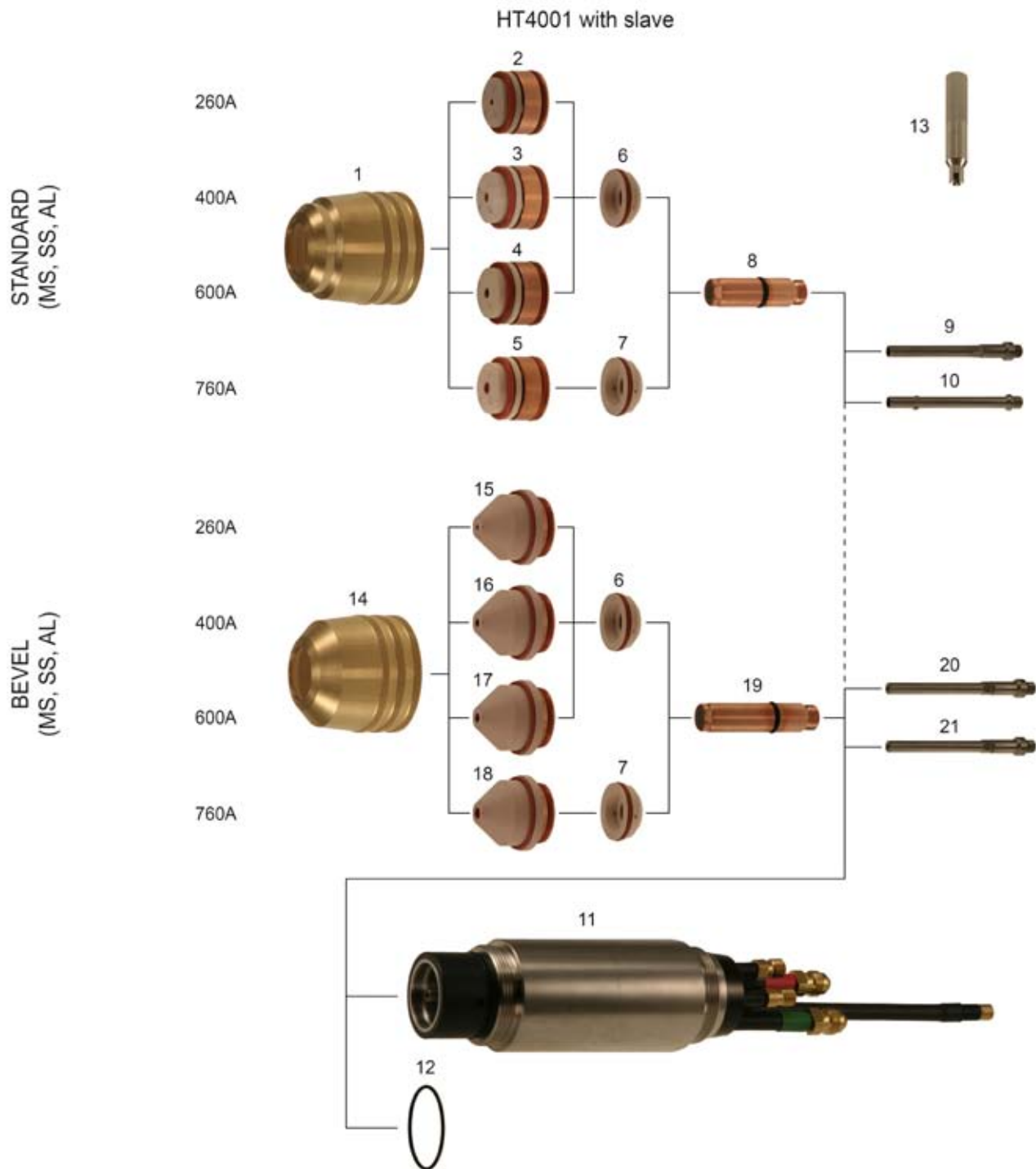
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HT4001®  
PAC620® with slave



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# HYPERTHERM®

HT4001®

PAC620® 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	12.	T-1006	044028	O-Ring	1
2.	T-0509	020281	Nozzle 260A, N <sub>2</sub>	1	13.	T-1397	T-1397	Wrench for TMT Water Tube	1
3.	T-0510	020282	Nozzle 400A, N <sub>2</sub>	1	14.	T-8756	120390 OEM	Ret. Cap Bevel 260A-760A	1
4.	T-0511	020283	Nozzle 600A, N <sub>2</sub>	1	15.	T-11541	120386 OEM	Nozzle Bevel 260A, N <sub>2</sub>	1
5.	T-0512	020284	Nozzle 760A, N <sub>2</sub>	1	16.	T-1384	120387	Nozzle Bevel 400A, N <sub>2</sub>	1
6.	T-0020	020039	Swirl Ring 260A, 400A, 600A, N <sub>2</sub>	1	17.	T-11184	120388	Nozzle Bevel 600A, N <sub>2</sub>	1
7.	T-0022	020040	Swirl Ring 760A, N <sub>2</sub>	1	18.		120389 OEM	Nozzle Bevel 760A, N <sub>2</sub>	1
8.	T-0499	020285	Electrode 260A-760A	5	19.	T-1387	020968	Electrode Bevel 260A-760A, N <sub>2</sub>	5
#9.	T-1389#	020990 OEM	Water Tube: PAC400®/PAC600®/ PAC170® (for OEM torch)	1	20.	T-1390	020991 OEM	Water Tube Bevel: PAC400®/PAC600®/ PAC170® (for OEM torch)	1
**10.	T-1388**	020990-UR	Water Tube: PAC400®/PAC600®/ PAC170® (for TMT and OEM torch)	1	21.	T-9883	020991-UR	Water Tube Bevel: PAC400®/PAC600®/ PAC170® (for TMT and OEM torch)	1
11.	T-1393	020328	Torch Body PAC170®/PAC600®/ PAC620®	1	NS	KT-1369	028516	PAC620® Cable Leads, 15.2m (50')	1

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-0631	028137	Leads, Shielded, 10'	1	NS	T-0635	028141	Leads, Shielded, 30'	1
NS	T-0632	028138	Leads, Shielded, 15'	1	NS	T-0636	028142	Leads, Shielded, 35'	1
NS	T-0633	028139	Leads, Shielded, 20'	1	NS	T-0637	028143	Leads, Shielded, 40'	1
NS	T-0634	028140	Leads, Shielded, 25'	1	Individual cable hoses available upon request				

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

# Compatible with OEM torch only, doesn't fit to Thermacut torch

\*\* Compatible with Thermacut and OEM torch

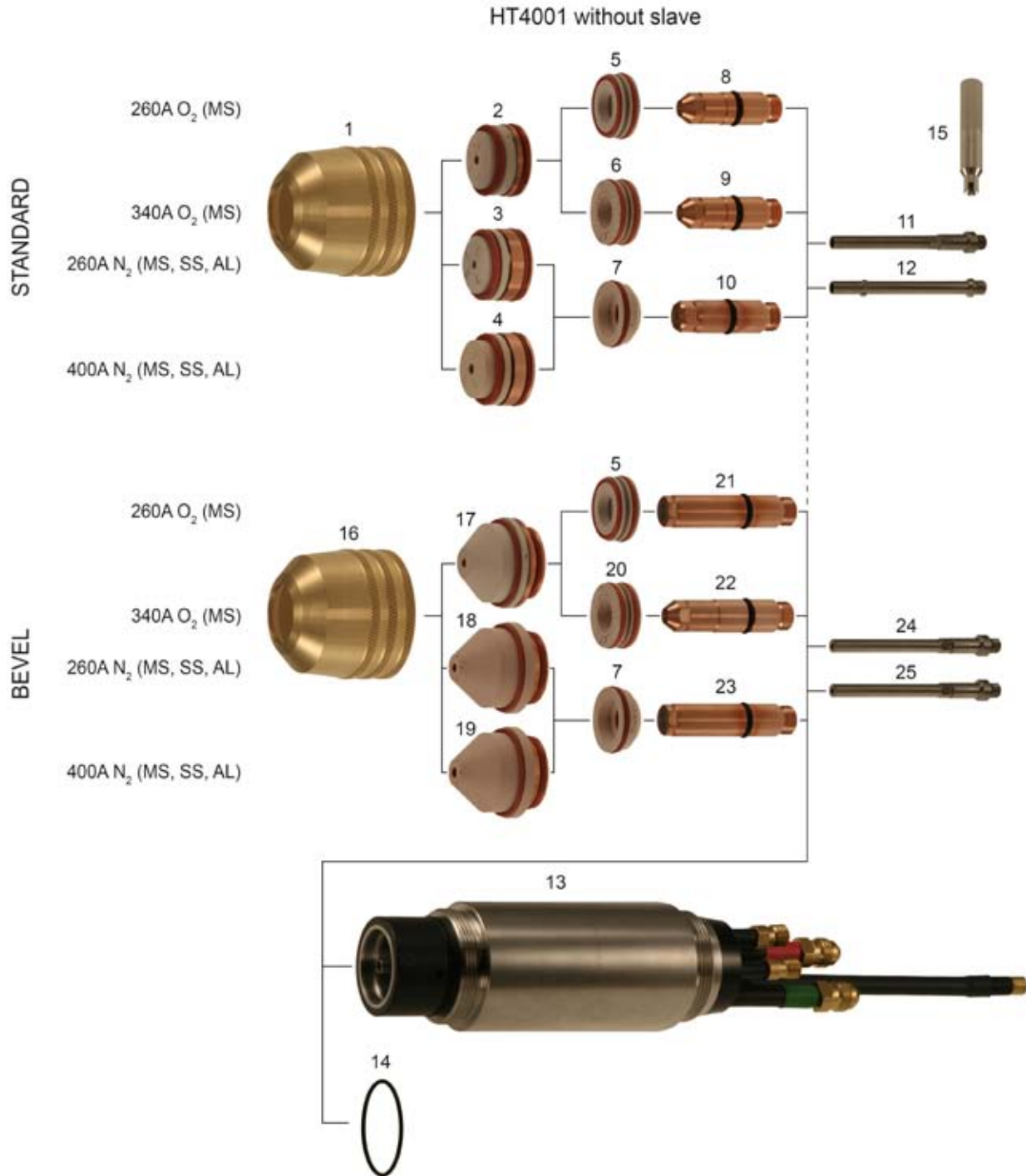
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HT4001®  
PAC620® without slave



Last update of this page: 20/08/2015. See Revision history for details.

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# HYPERTHERM®

HT4001®

PAC620® 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-1397	T-1397	Wrench for TMT Water Tube	1
2.	T-0078	020086	Nozzle 260A, 340A, O <sub>2</sub>	1	16.	T-8756	120390 OEM	Retaining Cap Bevel 260-400A	1
3.	T-0079	020089	Nozzle 260A, N <sub>2</sub>	1	17.	T-2841	120384	Nozzle Bevel 260A, 340A, O <sub>2</sub>	1
4.	T-0080	020084	Nozzle 400A, N <sub>2</sub>	1	18.	T-11541	120386 OEM	Nozzle Bevel 200A, N <sub>2</sub>	1
5.	T-1292	020623	Swirl Ring 260A, O <sub>2</sub>	1	19.	T-1384	120387	Nozzle Bevel 400A, N <sub>2</sub>	1
6.	T-1381	120135	Swirl Ring 340A, O <sub>2</sub>	1	20.	T-4189	120460	Swirl Ring 340A, O <sub>2</sub>	1
7.	T-0020	020039	Swirl Ring 260A, 340A, N <sub>2</sub>	1		T-3539	120461	Swirl Ring 340A, O <sub>2</sub> , CCW	1
8.	T-1293	020663	Electrode 260A, O <sub>2</sub>	5	21.	T-4048	020975	Electrode Bevel 260A, O <sub>2</sub>	5
*9.	T-2846*	120630-UR	Electrode 340A, O <sub>2</sub>	5	22.	T-3842	120836	Electrode Bevel 340A, O <sub>2</sub>	5
10.	T-0084	020082	Electrode 260A, 400A, N <sub>2</sub>	5	23.	T-1387	020968	Electrode Bevel 260A, 400A, N <sub>2</sub>	5
#11.	T-1389#	020990 OEM	Water Tube: PAC400®/PAC600®/ PAC170® (for OEM torch)	1	24.	T-1390	020991 OEM	Water Tube Bevel: PAC400®/PAC600®/ PAC170® (for OEM torch)	1
**12.	T-1388**	020990-UR	Water Tube: PAC400®/PAC600®/ PAC170® (for TMT and OEM torch)	1	25.	T-9883	020991-UR	Water Tube Bevel: PAC400®/PAC600®/ PAC170® (for TMT and OEM torch)	1
13.	T-1393	020328	Torch Body PAC170®/PAC600®/PAC620®	1	NS	KT-1369	028516	PAC620® Cable Leads, 15.2m (50')	1
14.	T-1006	044028	O-Ring	1					

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-0631	028137	Leads, Shielded, 10'	1	NS	T-0635	028141	Leads, Shielded, 30'	1
NS	T-0632	028138	Leads, Shielded, 15'	1	NS	T-0636	028142	Leads, Shielded, 35'	1
NS	T-0633	028139	Leads, Shielded, 20'	1	NS	T-0637	028143	Leads, Shielded, 40'	1
NS	T-0634	028140	Leads, Shielded, 25'	1	Individual cable hoses available upon request				

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

# Compatible with OEM torch only, doesn't fit to Thermacut torch

\*\* Compatible with Thermacut and OEM torch

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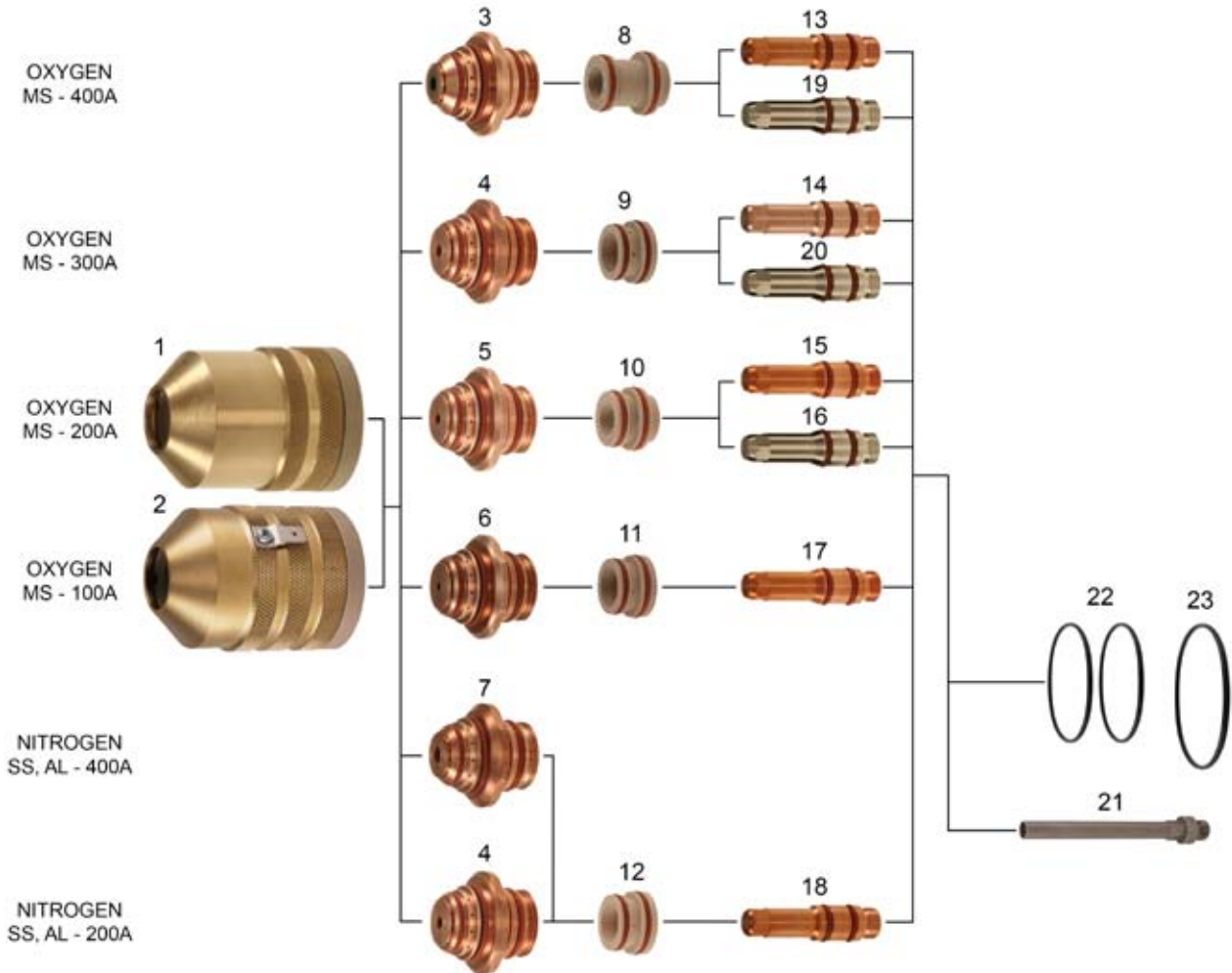
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HySpeed® HT4400®



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# HYPERTHERM®

## HySpeed® HT4400®

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 400A O <sub>2</sub>	5
2.	T-10111	120907	Retaining Cap (With IHS Tab)	1	NS	T-10857	120810	Electrode 400A O <sub>2</sub>	5
*3.	T-8716*	120934-UR	Nozzle 400A O <sub>2</sub> CW	1	*14.	T-10181*	120802-UR	Electrode 300A O <sub>2</sub>	5
*	T-9624*	120935-UR	Nozzle 400A O <sub>2</sub> CCW	1	NS	T-10942	120802	Electrode 300A O <sub>2</sub>	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, SilverEX®, 200A O <sub>2</sub>	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-4912	120810-AG	Electrode, SilverEX®, 400A O <sub>2</sub>	5
	T-10866	120940	Swirl Ring 400A O <sub>2</sub> CCW	1	20.	T-4911	120802-AG	Electrode, SilverEX®, 300A O <sub>2</sub>	5
9.	T-10113	120913	Swirl Ring 300A O <sub>2</sub> CW	1	21.	T-11142	120025	Cooling Tube	1
10.	T-10114	120791	Swirl Ring 200A O <sub>2</sub> CW	1	22.	N-10096	1-028B	2x O-Ring	
11.	T-10115	120783	Swirl Ring 100A O <sub>2</sub> CW	1	23.	N-10098	1-030B	O-Ring	
12.	T-10116	120853	Swirl Ring 400A N <sub>2</sub> CW	1					

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

-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 Counter Wise (CW) swirling parts.

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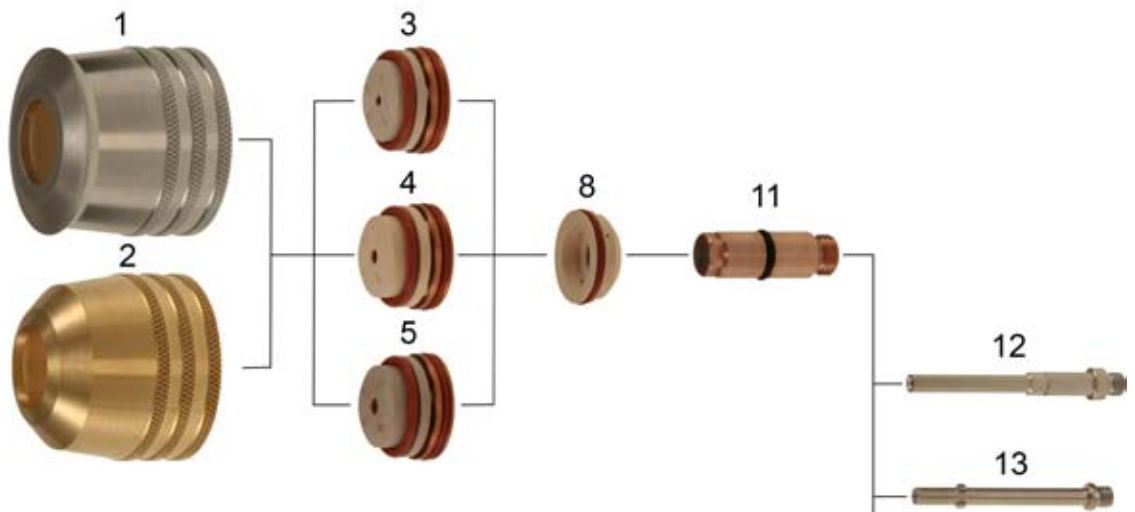
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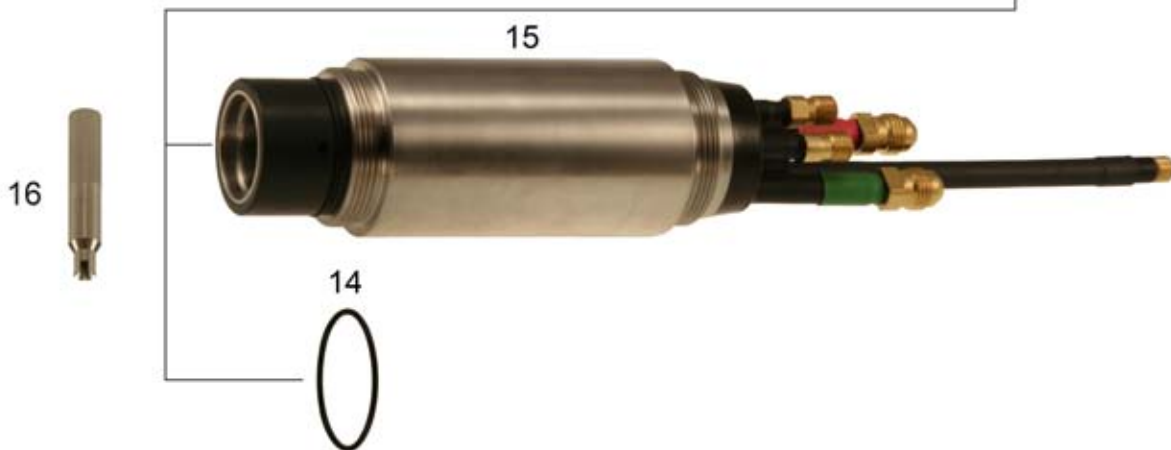
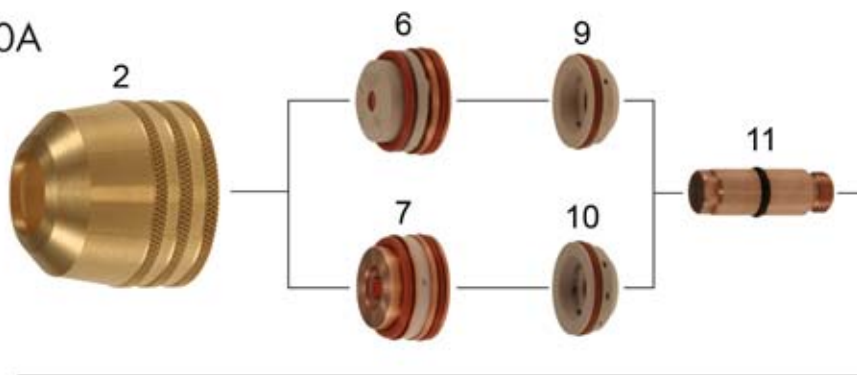
# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

PAC500®  
MODEL 500®

Up to 600A



600A to 1000A



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# HYPERTHERM®

## PAC500® MODEL 500®

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0015	020043	Cap, Nozzle Retaining, Flared	1	15.	T-0025	020030	Torch Main Body PAC500	1
2.	T-0014	020034	Cap, Nozzle Retaining, Tapered	1	16.	T-1397	T-1397	Wrench for TMT Water Tube	1
3.	T-0086	020050	Nozzle, .120	1	NS	T-0631	028137	HT400®, PAC500® Cable Leads, 3.0m (10')	1
4.	T-0016	020035	Nozzle, .166	1	NS	T-0632	028138	HT400®, PAC500® Cable Leads, 4.5m (15')	1
5.	T-0017	020036	Nozzle, .187	1	NS	T-0633	028139	HT400®, PAC500® Cable Leads, 6.1m (20')	1
6.	T-0018	020037	Nozzle, .220	1	NS	T-0634	028140	HT400®, PAC500® Cable Leads, 7.6m (25')	1
7.	T-0019	020047	Nozzle, .250	1	NS	T-0635	028141	HT400®, PAC500® Cable Leads, 9.2m (30')	1
8.	T-0020	020039	Swirl Ring, .120/.166/.187	1	NS	T-0636	028142	HT400®, PAC500® Cable Leads, 10.7m (35')	1
	T-0021	020042	Swirl Ring CCW, .166, .187	1	NS	T-0637	028143	HT400®, PAC500® Cable Leads, 12.2m (40')	1
9.	T-0022	020040	Swirl Ring, .220	1	NS	KT-1217	K.HT400.15,2M.K	HT400®, PAC500® Cable Leads, 15.2m (50')	1
10.	T-0023	020048	Swirl Ring, .250	1	NS	KT-1165	K.PAC500.15,2M	PAC500® Mach. Torch with Leads 15.2m (50')	1
11.	T-0024	020038	Electrode	5	NS	KT-1164	K.PAC500.22,9M	PAC500® Mach. Torch with Leads 22.9m (75')	1
#12.	T-0598#	120035 OEM	Water Tube (For OEM Torch)	1	Different types of cable leads available upon request				
**13.	T-1395**	T-1395	Water Tube TMT (For TMT Torch)	1	NS	T-1394	T-1394	HF Feed Assy	1
14.	T-1013	025028	O-Ring	1					

## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-0631	028137	Leads, Shielded, 10'	1	NS	T-0635	028141	Leads, Shielded, 30'	1
NS	T-0632	028138	Leads, Shielded, 15'	1	NS	T-0636	028142	Leads, Shielded, 35'	1
NS	T-0633	028139	Leads, Shielded, 20'	1	NS	T-0637	028143	Leads, Shielded, 40'	1
NS	T-0634	028140	Leads, Shielded, 25'	1	Individual cable hoses available upon request				

# Compatible with OEM torch only, doesn't fit to Thermacut torch

\*\* Compatible with Thermacut and OEM torch

NS Not shown in the picture

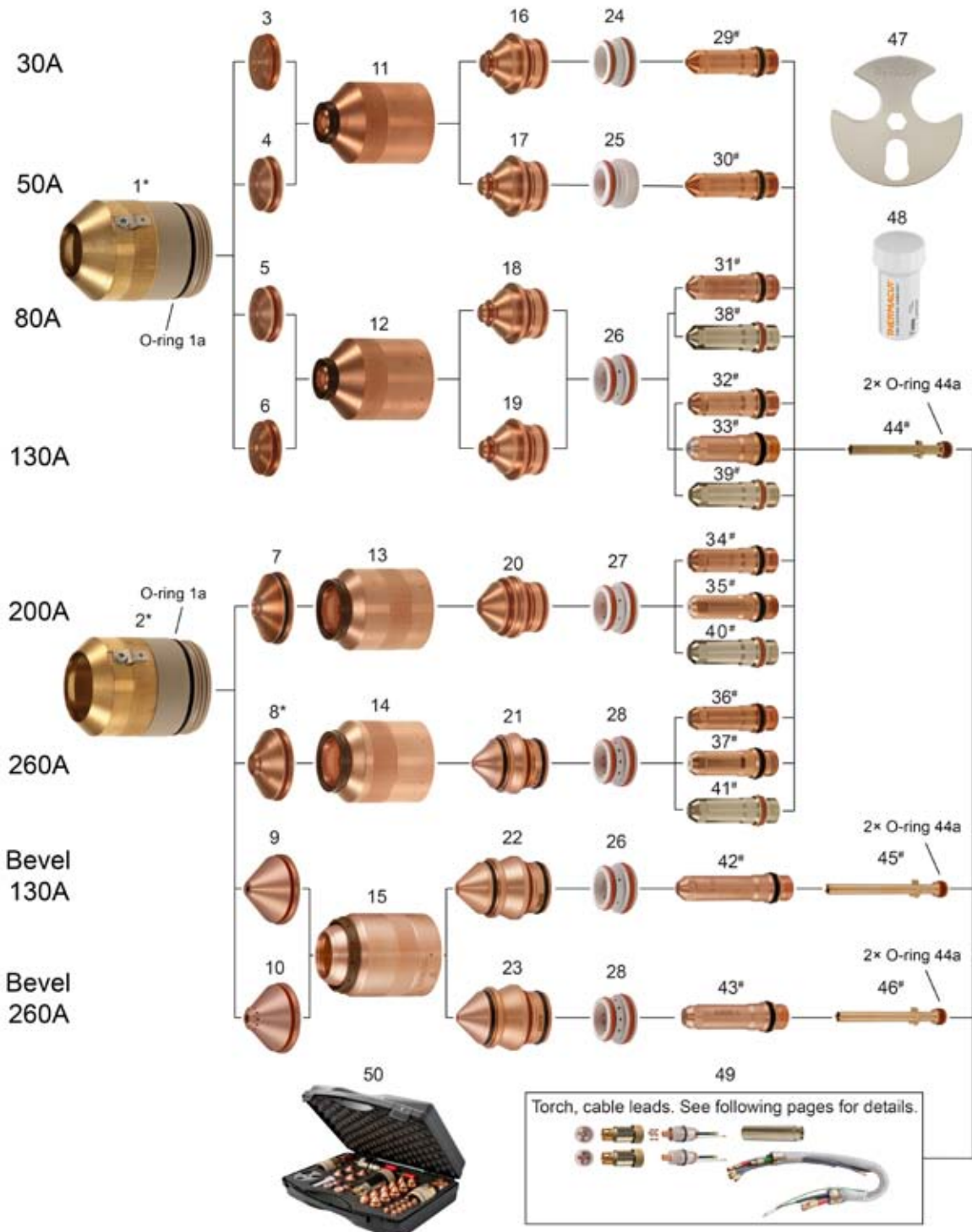
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130®/HPR260® mild steel



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# HYPERTHERM®

HyPerformance™ Plasma  
HPR130®/HPR260® mild steel

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
*1.	T-9961*	220173-UR	Shield Cap 30-130A	1	26.	T-10295	220179	Swirl Ring 80/130 (130A Bevel)	1
1a.	N-10099	1-031B	O-Ring	1	27.	T-10296	220353	Swirl Ring 200A	1
*2.	T-9964*	220398-UR	Shield Cap 200/260A (130/260A, Bevel)	1	28.	T-10271	220436	Swirl Ring 260A (260A Bevel)	1
3.	T-10878	220194	Shield 30A	10	#29.	T-9894#	220192-UR	Electrode 30A	5
4.	T-10882	220555	Shield 50A	10	#30.	T-10306#	220552-UR	Electrode 50A	5
5.	T-9838	220189	Shield 80A	10	#31.	T-9895#	220187-UR	Electrode 80A	5
6.	T-9839	220183	Shield 130A	10	#32.	T-9920#	220181-UR	Electrode 130A	5
7.	T-9965	220356	Shield 200A	1	#33.	T-11203#	220181-PRO	Electrode, Silver PRO 130A(=220665)	5
**8.	T-9970**	220440-UR	Shield 260A	1	#34.	T-9969#	220352-UR	Electrode 200A	5
9.	T-10311	220645	Shield, 130A Bevel	1	#35.	T-11200#	220352-PRO	Electrode, Silver PRO 200A(=220666)	5
10.	T-10881	220545	Shield, 260A Bevel	1	#36.	T-9974#	220435-UR	Electrode 260A	5
11.	T-11146	220313	Inner Retaining Cap 30/50A	1	#37.	T-11197#	220435-PRO	Electrode, Silver PRO 260A(=220668)	5
12.	T-11144	220176	Inner Retaining Cap 80/130A	1	#38.	T-4927#	220187-AG	Electrode, SilverEX® 80A	5
13.	T-11149	220355	Inner Retaining Cap 200A	1	#39.	T-4917#	220181-AG	Electrode, SilverEX® 130A	5
14.	T-11150	220433	Inner Retaining Cap 260A	1	#40.	T-4925#	220352-AG	Electrode, SilverEX® 200A	5
15.	T-11151	220603	Inner Retaining Cap 130A/260A, Bevel	1	#41.	T-4926#	220435-AG	Electrode, SilverEX® 260A	5
16.	T-10936	220193	Nozzle 30A	1	#42.	T-10309#	220649-UR	Electrode, 130A Bevel	5
17.	T-10940	220554	Nozzle 50A	1	#43.	T-10307#	220541-UR	Electrode, 260A Bevel	5
18.	T-10935	220188	Nozzle 80A	1	#44.	T-9882#	220340-UR	Water Tube With O-Ring	1
19.	T-10934	220182	Nozzle 130A	1	44a.	N-10055	1-009S	O-Ring	1
NS	T-11265	220510	Nozzle 100A, HD3070 upgrade	1	#45.	T-10472#	220700-UR	Water Tube With O-Ring, 130A Bevel	1
20.	T-10937	220354	Nozzle 200A	1	#46.	T-10323#	220571-UR	Water Tube With O-Ring, 260A Bevel	1
21.	T-11318	220439-US	Nozzle 260A	1	*47.	TN-0069*	104119-UR	Consumables Removal Tool	1
22.	T-10941	220646	Nozzle, 130A Bevel	1	48.	T-0994	T-0994	O-Ring lubricant - grease 25ml	1
23.	T-10308	220542-UR	Nozzle, 260A Bevel	1	49.	Torch, cable leads. See following pages for details.			
24.	T-10297	220180	Swirl Ring 30A	1	50.	Details on the page 179, section Accessories.			
25.	T-10305	220553	Swirl Ring 50A	1					

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

# THERMACUT ELECTRODES MUST 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

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

NS NOT SHOWN IN THE PICTURE

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

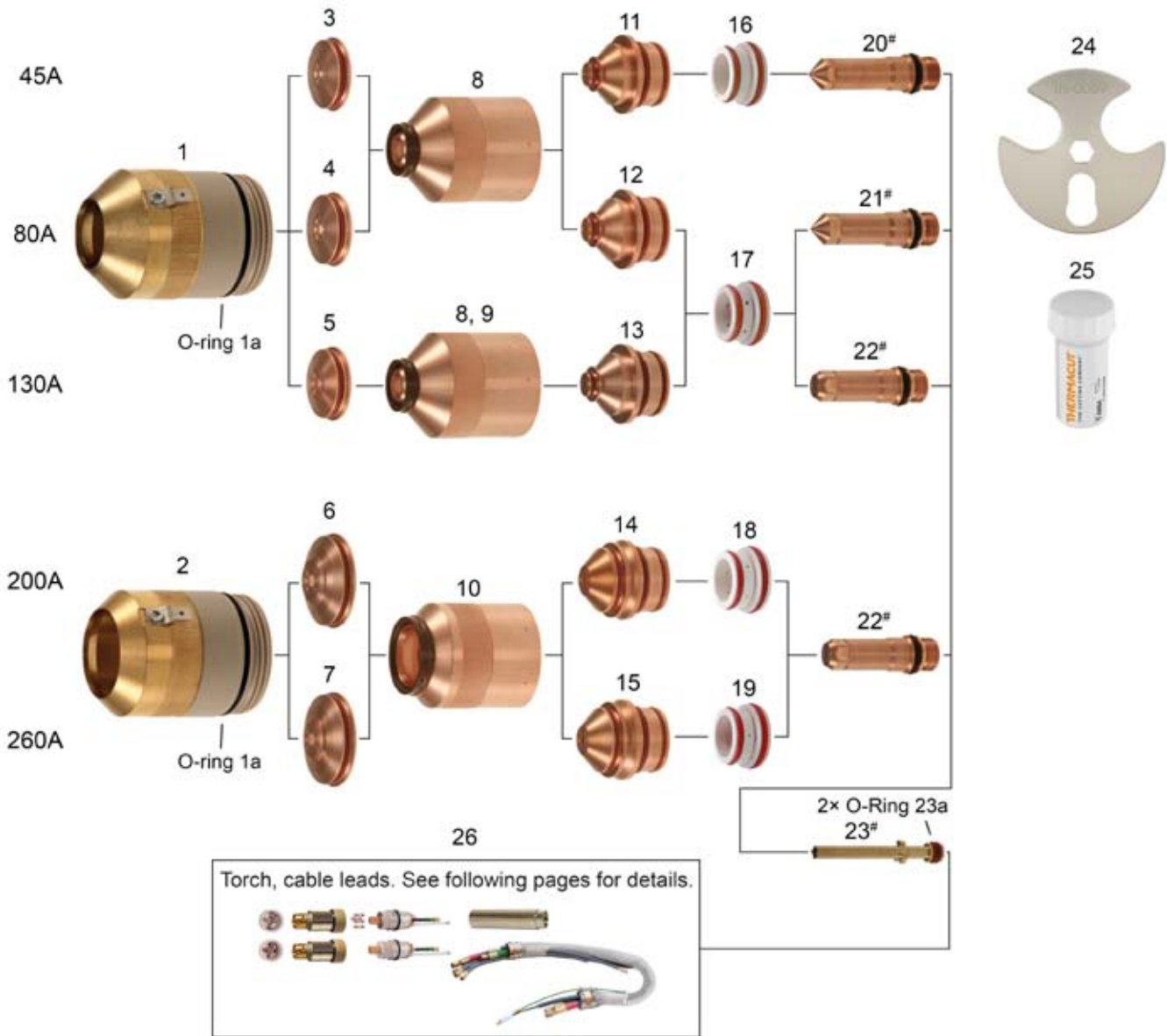
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130®/HPR260® stainless steel



Last update of this page: 28/09/2015. See Revision history for details.

**THERMACUT®**  
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# HYPERTHERM®

## HyPerformance™ Plasma HPR130®/HPR260® stainless steel

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	15.	T-9990	220406	Nozzle 260A	1
*2.	T-9964*	220398-UR	Shield Cap 200/260A (130/260A Bevel)	1	16.	T-10297	220180	Swirl Ring 45A	1
3.	T-9975	220202	Shield 45A	1	17.	T-10295	220179	Swirl Ring 80A/130A (130A Bevel)	1
4.	T-9979	220338	Shield 80A	1	18.	T-10579	220342	Swirl Ring 200A	1
5.	T-9982	220198	Shield 130A	1	19.	T-10596	220405	Swirl Ring 260A (260A Bevel)	1
6.	T-10879	220345	Shield 200A	1	#20.	T-9978#	220308-UR	Electrode 45A	5
7.	T-10880	220407	Shield 260A	1	#21.	T-9981#	220339-UR	Electrode 80A	5
8.	T-11145	220304	Inner Retaining Cap 45A/80A/130A	1	#22.	T-9984#	220307-UR	Electrode 130A/200A/260A	5
9.	T-11144	220176	Inner Retaining Cap 130A (N <sub>2</sub> )	1	#23.	T-9882#	220340-UR	Water Tube With O-Ring	1
10.	T-11147	220344	Inner Retaining Cap 200A/260A	1	23a.	N-10055	1-009S	O-Ring	1
11.	T-9977	220201	Nozzle 45A	1	*24.	TN-0069*	104119-UR	Consumables Removal Tool	1
12.	T-9980	220337	Nozzle 80A	5	1a.	N-10099	1-031B	O-Ring	1
13.	T-9983	220197	Nozzle 130A	1	25.	T-0994	T-0994	O-Ring lubricant - grease 25ml	1
14.	T-9987	220343	Nozzle 200A	1	26.	Torch, cable leads. See following pages for details.			

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

# THERMACUT ELECTRODES MUST 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

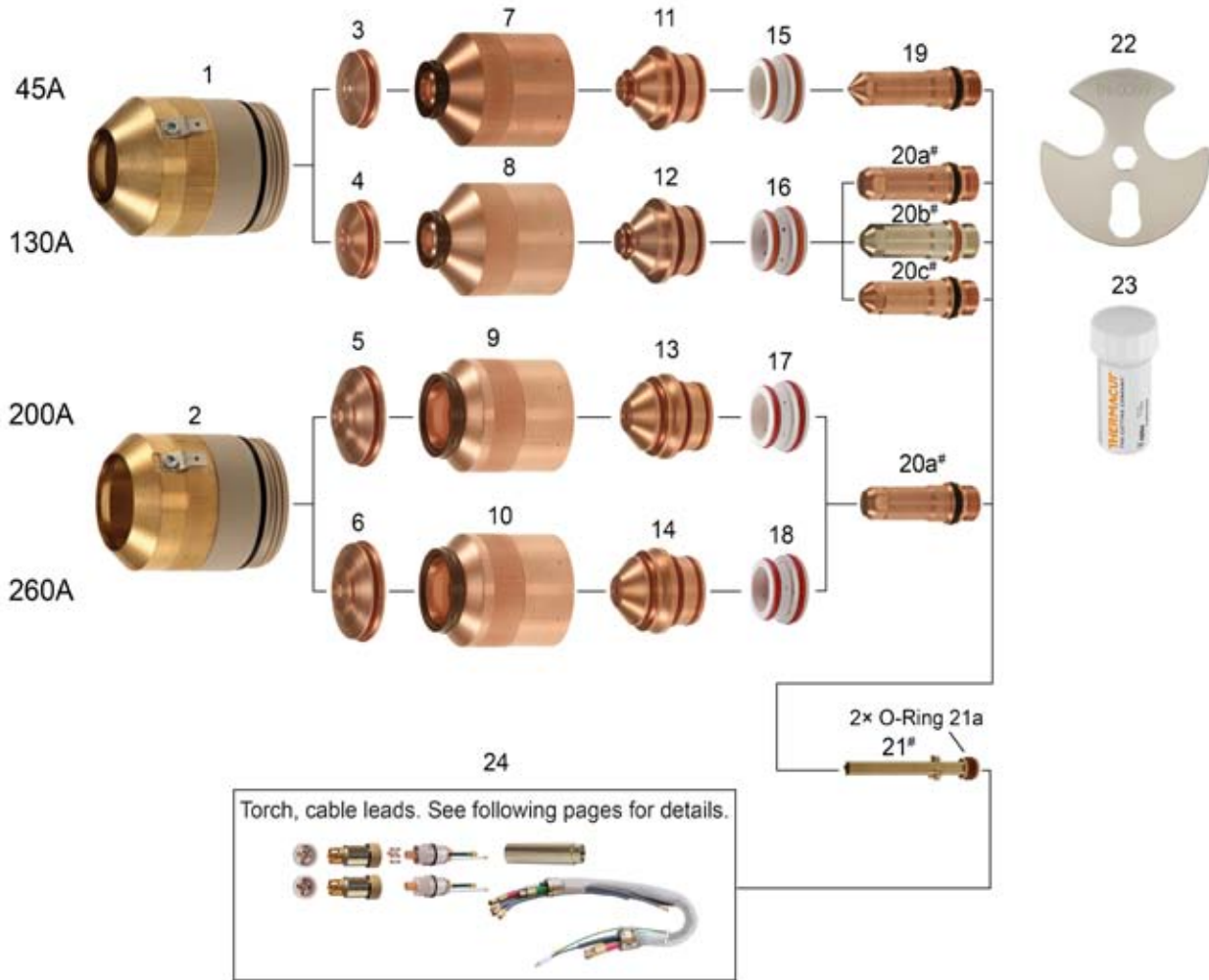
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130®/HPR260® aluminium



Last update of this page: 24/03/2014. See Revision history for details.

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# HYPERTHERM®

## HyPerformance™ Plasma HPR130®/HPR260® aluminium

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	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	1	17.	T-10579	220342	Swirl Ring 200A	1
4.	T-9982	220198	Shield 130A	1	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, SilverEX® 130A	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	Water Tube With O-Ring	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	1	23.	T-0994	T-0994	O-Ring lubricant - grease 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					

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

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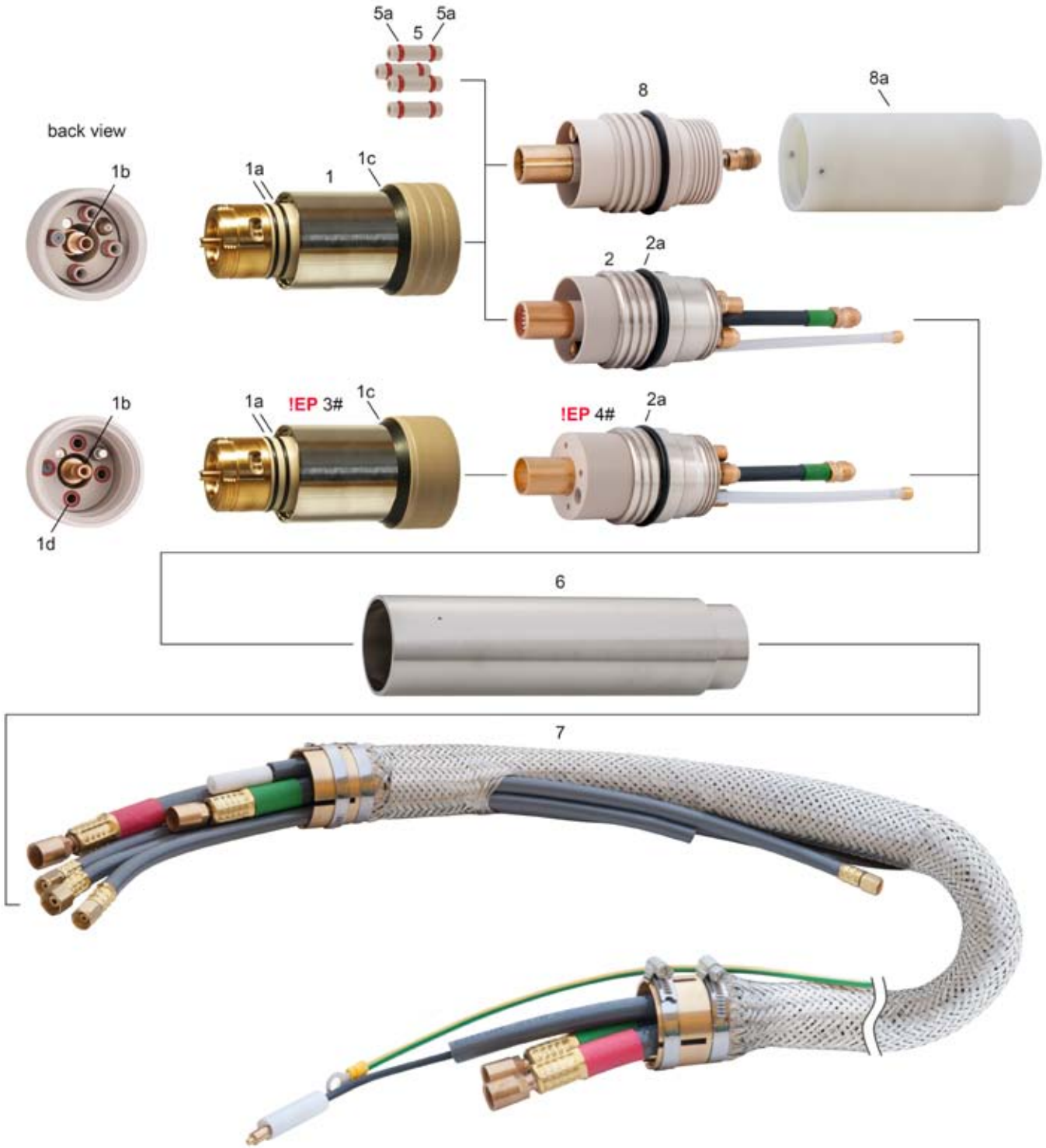
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HPR130®/HPR260®  
Torches and Cable leads



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# HYPERTHERM®

## HPR130®/HPR260®

### Torches and Cable leads

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1., 5.	T-11137	220162	Torch Q. D. Orig. design (incl. item 5 – 4 pcs; included 2pcs cooling tube 220340-UR)	1	T-11617+	128785-UR+		Cable Leads 15m (50ft)	1
1a.	N-10096	1-028B	O-Ring	1		128988-UR+		Cable Leads 20m (65ft)	1
1b.	N-10054	1-008S	O-Ring	1		228040-UR*		Cable Leads 4.5m (15ft)	1
1c.	N-18157		Conical Sealing	1		228043-UR*		Cable Leads 7.5m (25ft)	1
1d.	N-10534	60-246S	O-Ring	1		228065-UR*		Cable Leads 10m (35ft)	1
2.	T-11138	220163	Receptacle Q. D. Original design	1		228245-UR*		Cable Leads 15m (50ft)	1
2a.	N-18108	N-18108	O-Ring	1		228066-UR*		Cable Leads 20m (65ft)	1
#3.	T-10200#	220162-UR	Torch Q. D. Thermacut design	1					
#4.	T-10201#	220163-UR	Receptacle Q. D. Thermacut design	1					
5.	T-11769	T-11769	Connector Tube HPR with O-Rings	1	1a, 1b, 1c, 5, 5a	T-11864	128879	Set of spare parts for 220162, contains items 5 (4 pcs), 5a (8 pcs), 1a (2 pcs), 1b (1 pc), 1c (1 pc), cooling tube 220340-UR, silicon grease T-0994	1
5a.	N-10055	1-009S	O-Ring	1					
6.	T-10492	220232	Mounting Tube	1					
7.	T-11614+	128986-UR+	Cable Leads 2m (6ft)	1	1a, 1b, 1c, 1d	T-11207	128879-UR	Set of spare parts for 220162-UR, contains items 1a (2 pcs), 1b (1 pc), 1c (1 pc), 1d (4 pcs), cooling tube 220340-UR, silicon grease T-0994	1
	KT-1397+	128935-UR+	Cable Leads 3m (10ft)	1					
	T-11615+	128934-UR+	Cable Leads 4.5m (15ft)	1					
	T-11616+	128784-UR+	Cable Leads 7.5m (25ft)	1	##8.	T-11409##	220573	Receptacle Q.D., Bevel	1
		128987-UR+	Cable Leads 10m (35ft)	1	##8a.	T-11410##	220546	Torch mounting sleeve, Bevel	1

+ ASSEMBLED WITH 6' GAS LEAD

\* ASSEMBLED WITH 8' GAS LEADS

# MUST BE USED ONLY AS A SET OF ITEMS 3 AND 4, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

## RECEPTACLE Q.D., BEVEL POS. 8 IS NOT COMPATIBLE WITH STANDARD CABLE LEADS POS. 7

NS Not shown in the picture

Q.D.Quick Disconnect

All parts are with O-Rings

**!EP** PLANNED END OF PRODUCTION 31ST DECEMBER 2017, PART WILL NOT BE AVAILABLE AFTER THIS DATE. PLEASE LEAVE THIS DESIGN AND SWITCH TO ITEMS 1, 2.

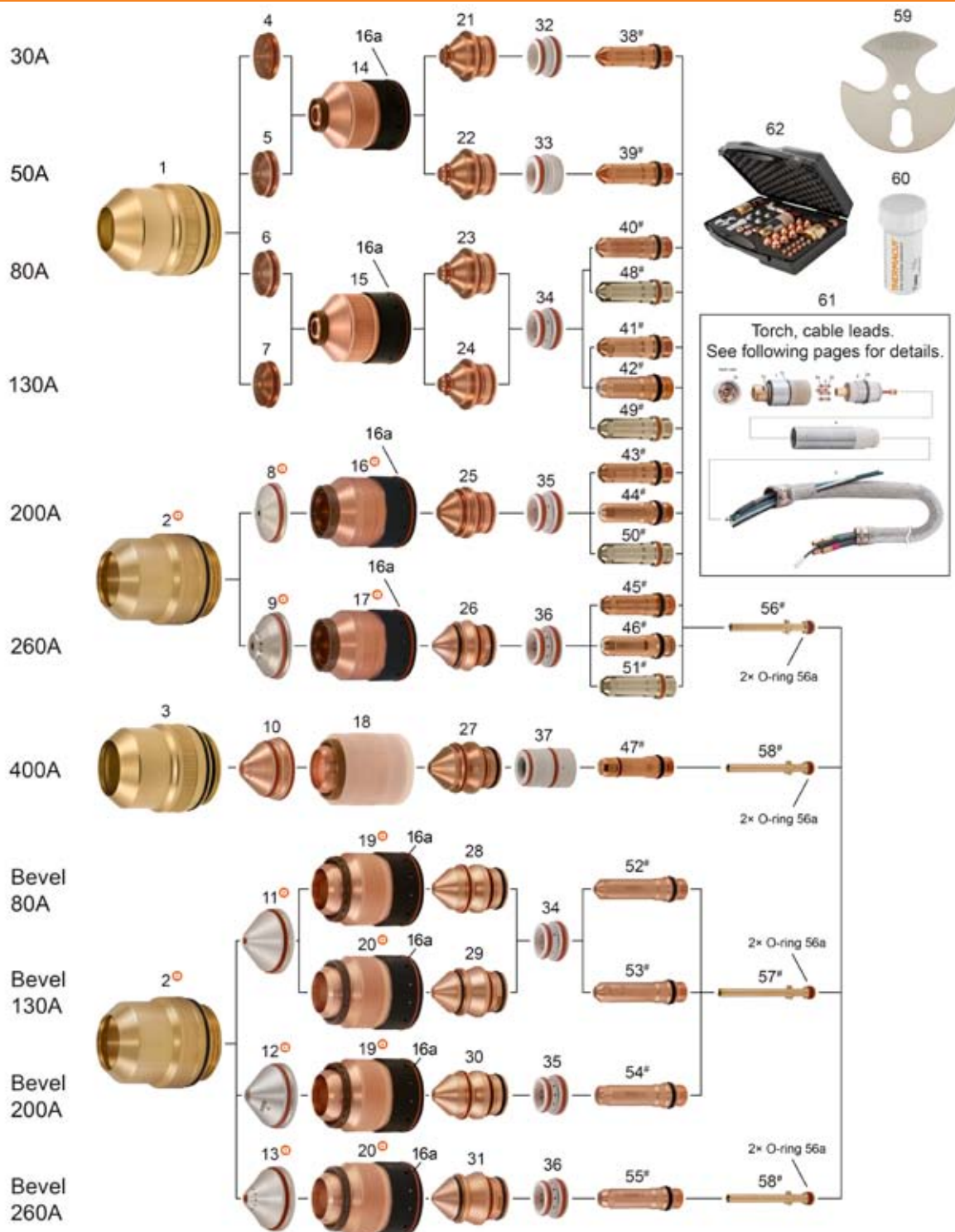
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130XD®/HPR260XD®/HPR400XD® mild steel



Last update of this page: 28/09/2015. See Revision history for details.

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# HYPERTHERM®

## HyPerformance™ Plasma

### HPR130XD®/HPR260XD®/HPR400XD® mild steel

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	NEW 28.	T-11832	220806	Nozzle 80A, Bevel	1
NEW 2.	T-11270	220637-UR	Shield Cap 200/260A	1	NEW 29.	T-10941	220646	Nozzle 130A, Bevel	1
3.	T-11113	220637 OEM	Shield Cap 400A (400A Bevel)	1	NEW 30.	T-11425	220659	Nozzle 200A, Bevel	1
4.	T-10878	220194	Shield 30A	10	31.	T-10308##	220542-UR	Nozzle 260A, Bevel	1
5.	T-10882	220555	Shield 50A	10	32.	T-10297	220180	Swirl Ring 30A	1
6.	T-9838	220189	Shield 80A	10	33.	T-10305	220553	Swirl Ring 50A	1
7.	T-9839	220183	Shield 130A	10	34.	T-10295	220179	Swirl Ring 80/130A (80/130A Bevel)	1
NEW 8.	T-11276	220761-UR	Shield 200A	1	35.	T-10296	220353	Swirl Ring 200A	1
	T-11709	220761 OEM	Shield 200A	1	36.	T-10271	220436	Swirl Ring 260A (260A Bevel)	1
NEW 9.	T-11277	220764-UR	Shield 260A	1	37.	T-11526	220631 OEM	Swirl Ring 400A (400A Bevel)	1
	T-11710	220764 OEM	Shield 260A	1	#38.	T-9894#	220192-UR	Electrode 30A	5
10.	T-11523	220636 OEM	Shield 400A	1	#39.	T-10306#	220552-UR	Electrode 50A	5
NEW 11.	T-11403	220742-UR	Shield 80/130A, Bevel	1	#40.	T-9895#	220187-UR	Electrode 80A	5
	T-11712	220742 OEM	Shield 80/130A, Bevel	1	#41.	T-9920#	220181-UR	Electrode 130A	5
NEW 12.	T-11424	220658-UR	Shield 200A, Bevel	1	#42.	T-11203#	220181-PRO	Electrode, Silver PRO 130A(=220665)	5
	T-11772	220658 OEM	Shield 200A, Bevel	1	#43.	T-9969#	220352-UR	Electrode 200A	5
NEW 13.	T-11402	220741-UR	Shield 260A, Bevel	1	#44.	T-11200#	220352-PRO	Electrode, Silver PRO 200A(=220666)	5
	T-11713	220741 OEM	Shield 260A, Bevel	1	#45.	T-9974#	220435-UR	Electrode 260A	5
14.	T-11272	220754	Inner Retaining Cap 30/50A	1	#46.	T-11197#	220435-PRO	Electrode, Silver PRO 260A(=220668)	5
15.	T-11273	220756	Inner Retaining Cap 80/130A	1	47.	T-11527	220629 OEM	Electrode 400A (400A Bevel)	5
NEW 16.	T-11274	220757-UR	Inner Retaining Cap 200A	1	#48.	T-4927#	220187-AG	Electrode, SilverEX® 80A	5
	T-11717	220757 OEM	Inner Retaining Cap 200A	1	#49.	T-4917#	220181-AG	Electrode, SilverEX® 130A	5
16a.	N-20194		O-Ring	1	#50.	T-4925#	220352-AG	Electrode, SilverEX® 200A	5
NEW 17.	T-11275	220760-UR	Inner Retaining Cap 260A	1	#51.	T-4926#	220435-AG	Electrode, SilverEX® 260A	5
	T-11718	220760 OEM	Inner Retaining Cap 260A	1	NEW #52.	T-11831#	220802-UR	Electrode 80A, Bevel	5
18.	T-11524	220635 OEM	Inner Retaining Cap 400A	1	#53.	T-10309#	220649-UR	Electrode 130A, Bevel	5
NEW 19.	T-11833	220845-UR	Inner Retaining Cap 80/200A, Bevel	1	NEW #54.	T-11426#	220662-UR	Electrode 200A, Bevel	5
	T-11720	220845 OEM	Inner Retaining Cap 80/200A, Bevel	1	#55.	T-10307#	220541-UR	Electrode 260A, Bevel	5
NEW 20.	T-11401	220740-UR	Inner Retaining Cap 130/260A, Bevel	1	#56.	T-9882#	220340-UR	Water Tube With O-Ring 30-260A	1
	T-11721	220740 OEM	Inner Retaining Cap 130/260A, Bevel	1	56a.	N-10055	1-009S	O-Ring	1
21.	T-10936	220193	Nozzle 30A	1	#57.	T-10472#	220700-UR	Water Tube With O-Ring 80/130A, Bevel	1
22.	T-10940	220554	Nozzle 50A	1	#58.	T-10323#	220571-UR	Water Tube With O-Ring 400A (260/400A Bevel)	1
23.	T-10935	220188	Nozzle 80A	1	*59.	TN-0069*	104119-UR	Consumables Removal Tool	1
24.	T-10934	220182	Nozzle 130A	1	60.	T-0994	T-0994	O-Ring lubricant - grease 25ml	1
25.	T-10937	220354	Nozzle 200A	1	61.	Torch, cable leads. See following pages for details.			
26.	T-11318	220439-US	Nozzle 260A	1	62.	Details on the page 180, section Accessories.			
27.	T-11525	220632 OEM	Nozzle 400A (400A Bevel)	1					

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

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NEW 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

NS NOT SHOWN IN THE PICTURE

OEM ORIGINAL PARTS

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

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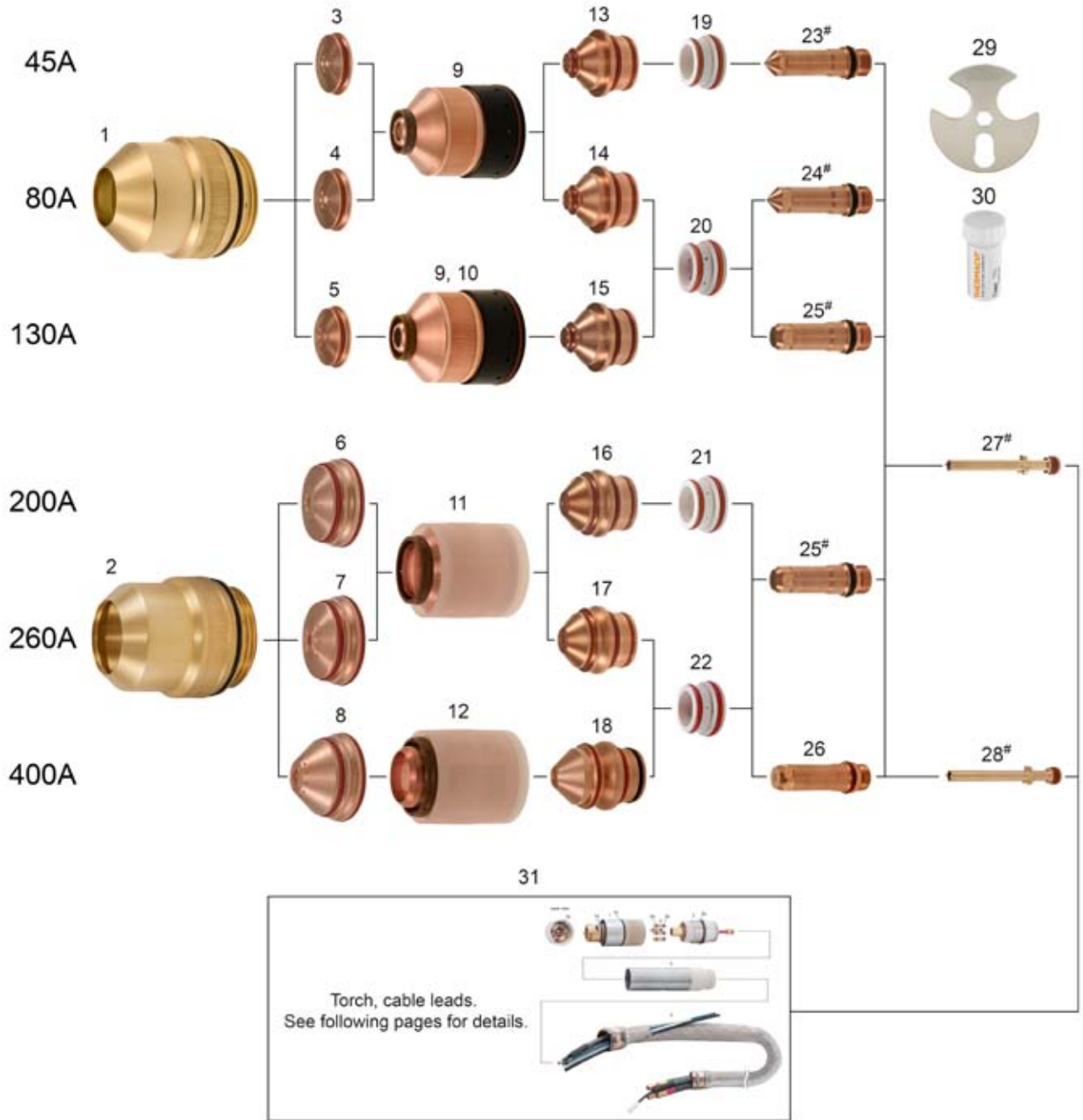
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130XD®/HPR260XD®/HPR400XD® stainless steel



Last update of this page: 01/09/2015. See Revision history for details.

**THERMACUT®**  
THE CUTTING COMPANY™

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# HYPERTHERM®

## HyPerformance™ Plasma

### HPR130XD®/HPR260XD®/HPR400XD® stainless steel

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	17.	T-9990	220406	Nozzle 260A	1
2.	T-11113	220637 OEM	Shield Cap 200-400A (130-400A Bevel)	1	18.	T-11530	220708 OEM	Nozzle 400A (400A Bevel)	1
3.	T-9975	220202	Shield 45A	1	19.	T-10297	220180	Swirl Ring 45A	1
4.	T-9979	220338	Shield 80A	1	20.	T-10295	220179	Swirl Ring 80/130A (130A Bevel)	1
5.	T-9982	220198	Shield 130A	1	21.	T-10579	220342	Swirl Ring 200A	1
6.	T-11518	220762 OEM	Shield 200A	1	22.	T-10596	220405	Swirl Ring 260/400A (260/400A Bevel)	1
7.	T-11519	220763 OEM	Shield 260A	1	#23.	T-9978#	220308-UR	Electrode 45A	5
8.	T-11528	220707 OEM	Shield 400A (400A Bevel)	1	#24.	T-9981#	220339-UR	Electrode 80A	5
9.	T-11520	220755 OEM	Inner Retaining Cap 45/80/130A	1	#25.	T-9984#	220307-UR	Electrode 130/200/260A	5
10.	T-11273	220756	Inner Retaining Cap 130A (N <sub>2</sub> )	1	26.	T-11531	220709 OEM	Electrode 400A (400A Bevel)	1
11.	T-11522	220758 OEM	Inner Retaining Cap 200/260A	1	#27.	T-9882#	220340-UR	Water Tube With O-Ring 45-260A	1
12.	T-11529	220712 OEM	Inner Retaining Cap 400A (400A Bevel)	1	#28.	T-10323#	220571-UR	Water Tube With O-Ring 400A (130-400A Bevel)	1
13.	T-9977	220201	Nozzle 45A	1	*29.	TN-0069*	104119-UR	Consumables Removal Tool	1
14.	T-9980	220337	Nozzle 80A	5	30.	T-0994	T-0994	O-Ring lubricant - grease 25ml	1
15.	T-9983	220197	Nozzle 130A	1	31.	Torch, cable leads. See following pages for details.			
16.	T-9987	220343	Nozzle 200A	1					

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

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OEM ORIGINAL PARTS

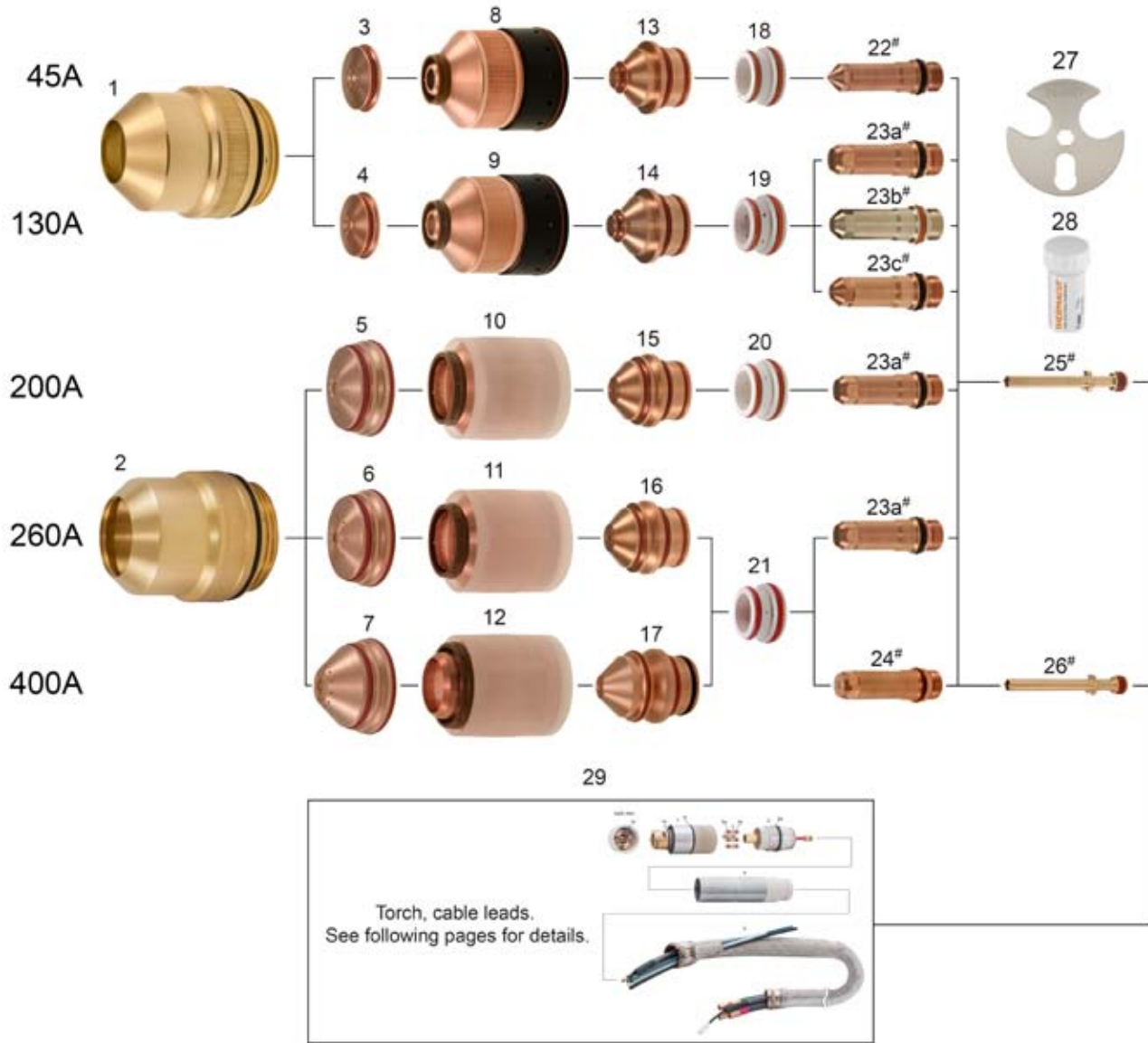
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HyPerformance™ Plasma  
HPR130XD®/HPR260XD®/HPR400XD® aluminium



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# HYPERTHERM®

## HyPerformance™ Plasma

### HPR130XD®/HPR260XD®/HPR400XD® aluminium

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	17.	T-11530	220708 OEM	Nozzle 400A	1
2.	T-11113	220637 OEM	Shield Cap 200-400A	1	18.	T-10297	220180	Swirl Ring 45A	1
3.	T-9975	220202	Shield 45A	1	19.	T-10295	220179	Swirl Ring 130A	1
4.	T-9982	220198	Shield 130A	1	20.	T-10579	220342	Swirl Ring 200A	1
5.	T-11518	220762 OEM	Shield 200A	1	21.	T-10596	220405	Swirl Ring 260/400A	1
6.	T-11519	220763 OEM	Shield 260A	1	#22.	T-9978#	220308-UR	Electrode 45A	1
7.	T-11528	220707 OEM	Shield 400A	1	#23.c	T-9920#	220181-UR	Electrode 130A (Air)	5
8.,9.	T-11273	220756	Inner Retaining Cap 45/130A	1	#23.b	T-4917#	220181-AG	Electrode, SilverEX® 130A (Air)	5
9.	T-11520	220755 OEM	Inner Retaining Cap 130A (N <sub>2</sub> )	1	#23.a	T-9984#	220307-UR	Electrode 130/200/260A	5
10.	T-11521	220759 OEM	Inner Retaining Cap 200A	1	24.	T-11531	220709 OEM	Electrode 400A	5
11.	T-11522	220758 OEM	Inner Retaining Cap 260A	1	#25.	T-9882#	220340-UR	Water Tube With O-Ring 45-260A	1
12.	T-11529	220712 OEM	Inner Retaining Cap 400A	1	#26.	T-10323#	220571-UR	Water Tube 400A	1
13.	T-9977	220201	Nozzle 45A	1	*27.	TN-0069*	104119-UR	Consumables Removal Tool	1
14.	T-9983	220197	Nozzle 130A	1	28.	T-0994	T-0994	O-Ring lubricant – grease 25ml	1
15.	T-9993	220346	Nozzle 200A	1	29.	Torch, cable leads. See following pages for details.			
16.	T-9990	220406	Nozzle 260A	1					

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OEM ORIGINAL PARTS

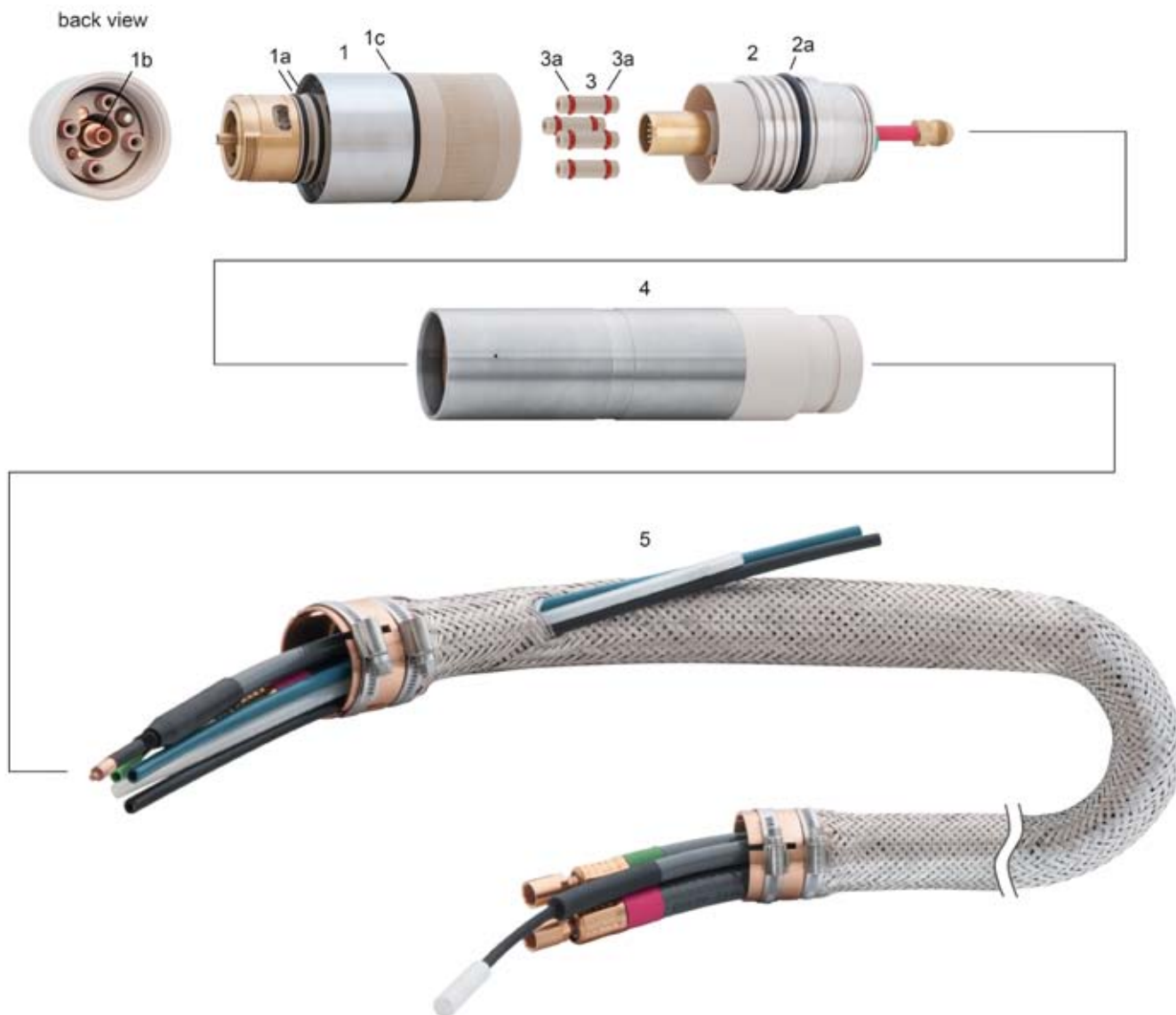
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HPR130XD®/HPR260XD®/HPR400XD®  
Torches and Cable leads



Last update of this page: 13/04/2015. See Revision history for details.

**THERMACUT®**  
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# HYPERTHERM®

## HPR130XD®/HPR260XD®/HPR400XD®

### 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 2pcs cooling tube 220340-UR)	1	!	KT-1441	228413	Cable Leads 6m (20ft) w/ gas hose 2.4m (8ft)	1
1a.	N-10096	1-028B	O-Ring	1	!	KT-1427	228295	Cable Leads 7.5m (25ft) w/ gas hose 1.8m (6ft)	1
1b.	N-10054	1-008S	O-Ring	1	!	KT-1442	228414	Cable Leads 7.5m (25ft) w/ gas hose 2.4m (8ft)	1
1c.	N-18157		Conical Sealing	1	!	KT-1428	228296	Cable Leads 10m (35ft) w/ gas hose 1.8m (6ft)	1
2.	T-11844	220705	Receptacle Q. D.	1	!	KT-1437	228415	Cable Leads 10m (35ft) w/ gas hose 2.4m (8ft)	1
2a.	N-18108	N-18108	O-Ring	1	!	KT-1429	228297	Cable Leads 15m (50ft) w/ gas hose 1.8m (6ft)	1
3.	T-11769	T-11769	Connector Tube HPR with O-Rings	1	!	KT-1436	228416	Cable Leads 15m (50ft) w/ gas hose 2.4m (8ft)	1
3a.	N-10055	1-009S	O-Ring	1	!	KT-1430	228547	Cable Leads 20m (65ft) w/ gas hose 1.8m (6ft)	1
4.	T-11854	220789	Mounting Sleeve XD	1	!	KT-1434	228546	Cable Leads 20m (65ft) w/ gas hose 2.4m (8ft)	1
!5.	KT-1423	228291	Cable Leads 2m (6ft) w/ gas hose 1.8m (6ft)	1	!!!	KT-1435	DEMO HPRXD	Torch + cable leads 0.8m, for exhibition only, inoperative!	1
!	KT-1440	228410	Cable Leads 2m (6ft) w/ gas hose 2.4m (8ft)	1					
!	KT-1424	228292	Cable Leads 3m (10ft) w/ gas hose 1.8m (6ft)	1	1a,			Torch Kit - set of spare parts for 220706, contains items 3 (4pcs), 3a (8pcs), 1a (2pcs), 1b (1pc), 1c (1pc), cooling tube 220340-UR, silicon grease T-0994	1
!	KT-1439	228411	Cable Leads 3m (10ft) w/ gas hose 2.4m (8ft)	1	1b,	T-11864	128879		
!	KT-1425	228293	Cable Leads 4.5m (15ft) w/ gas hose 1.8m (6ft)	1	1c,				
!	KT-1438	228412	Cable Leads 4.5m (15ft) w/ gas hose 2.4m (8ft)	1	3,				
!	KT-1426	228294	Cable Leads 6m (20ft) w/ gas hose 1.8m (6ft)	1	3a				
								Torch with Leads available on request	

! 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

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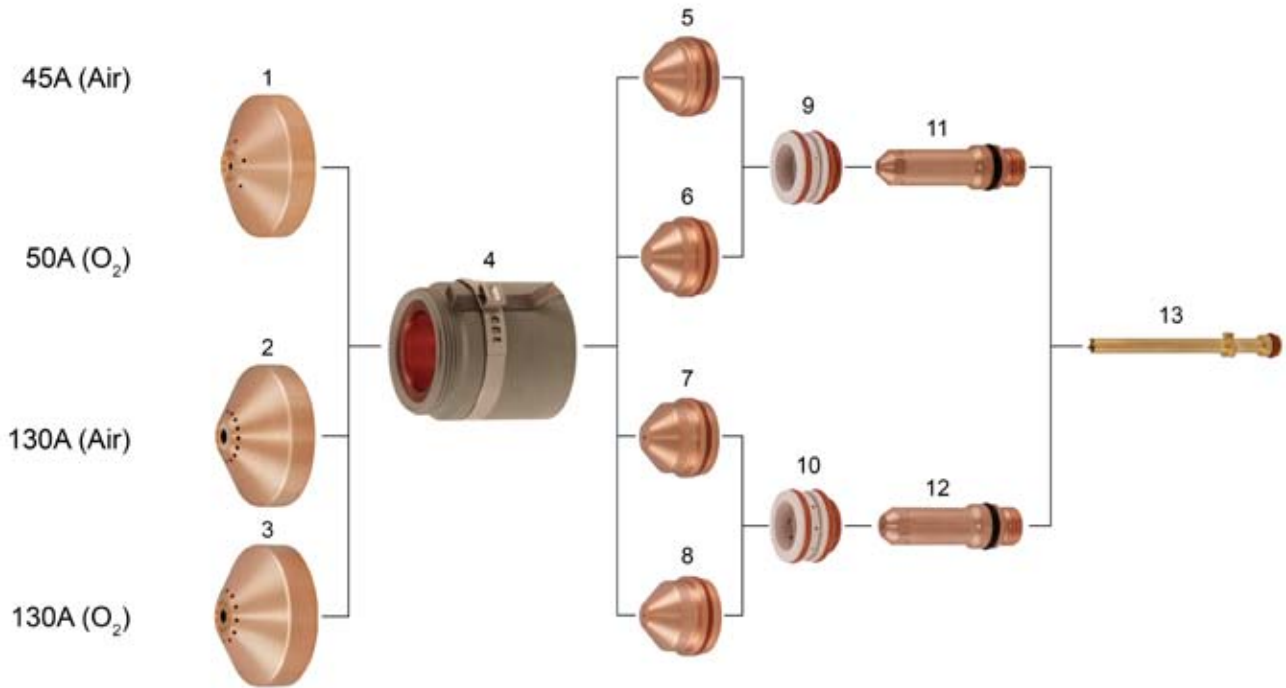
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HySpeed® Plasma  
HSD130™ mild steel



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.		
NEW	1.	T-11283	220532	Shield 45A Air, 50A O <sub>2</sub>	1	NEW	7.	T-11306	220492	Nozzle 130A Air	1
NEW	2.	T-11284	220536	Shield 130A Air	1	NEW	8.	T-11305	220489	Nozzle 130A O <sub>2</sub>	1
NEW	3.	T-11281	220491	Shield 130A O <sub>2</sub>	1	NEW	9.	T-11282	220529	Swirl Ring 45A Air, 50A O <sub>2</sub>	5
NEW	*4.	T-11285*	220578-UR	Ret. Cap 45/130A Air, 50/130A O <sub>2</sub> with IHS	1	NEW	10.	T-11280	220488	Swirl Ring 130A Air/O <sub>2</sub>	5
NEW	*NS	T-11347*	220490-UR	Ret. Cap 45/130A Air, 50/130A O <sub>2</sub> without IHS	1	NEW	#11.	T-11309#	220528-UR	Electrode 45A Air, 50A O <sub>2</sub>	5
NEW	5.	T-11308	220525	Nozzle 45A Air	1	NEW	#12.	T-11304#	220487-UR	Electrode 130A Air/O <sub>2</sub>	5
NEW	6.	T-11311	220530	Nozzle 50A O <sub>2</sub>	1	NEW	#13.	T-11307#	220521-UR	Cooling Tube	1

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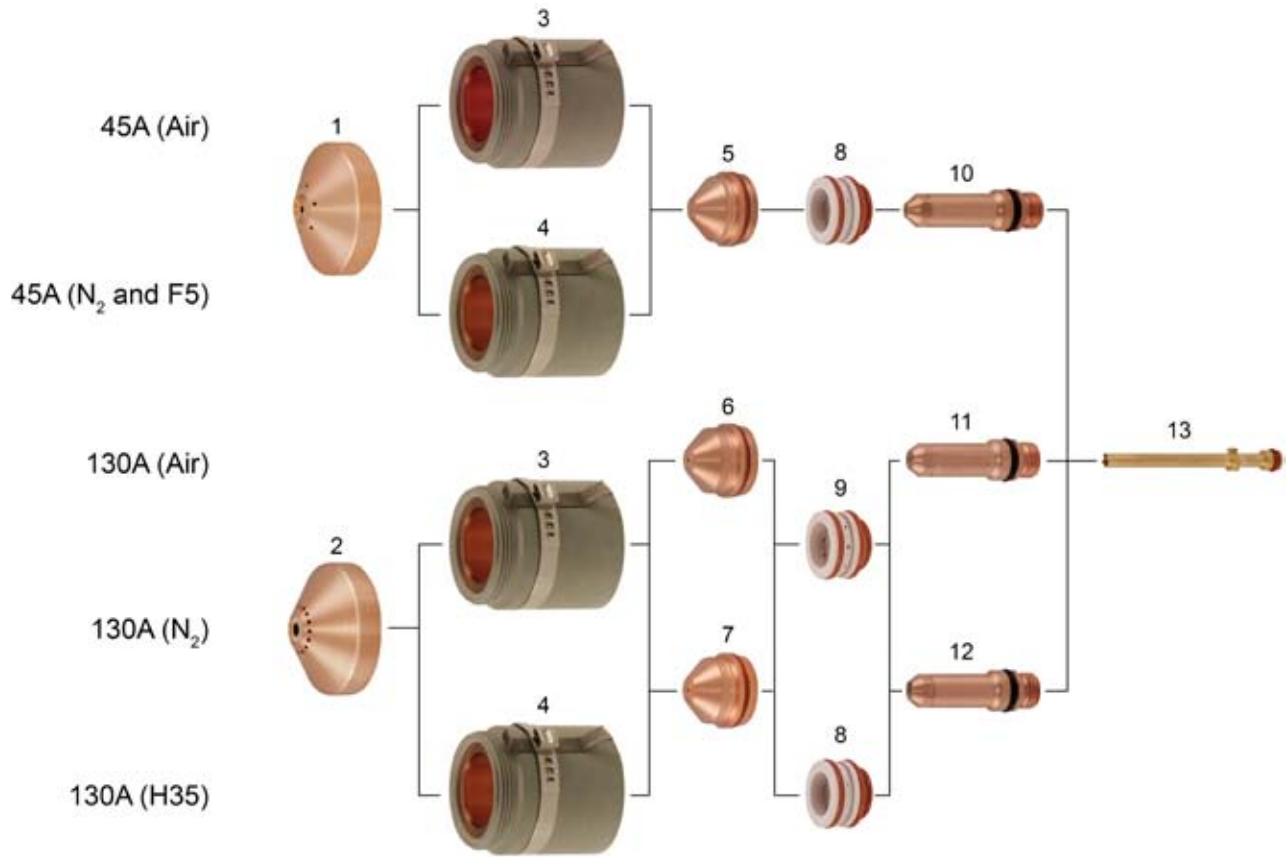
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# HYPERTHERM®

HySpeed® Plasma  
HSD130™ stainless steel



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.		
NEW	1.	T-11283	220532	Shield 45A Air/N <sub>2</sub> /F5	1	NEW	7.	T-11310	220535	Nozzle 130A H35/N <sub>2</sub>	1
NEW	2.	T-11284	220536	Shield 130A Air/H35/N <sub>2</sub>	1	NEW	8.	T-11282	220529	Swirl Ring 45A Air/N <sub>2</sub> /F5, 130A H35	5
NEW	*3.	T-11285*	220578-UR	Ret. Cap 45A Air, 130A Air/N <sub>2</sub> w/ IHS	1	NEW	9.	T-11280	220488	Swirl Ring 130A Air/N <sub>2</sub>	5
NEW	*NS	T-11347*	220490-UR	Ret. Cap 45A Air, 130A Air/N <sub>2</sub> w/o IHS	1	NEW	#10.	T-11309#	220528-UR	Electrode 45A Air/N <sub>2</sub> /F5	5
NEW	*4.	T-11350*	220534-UR	Ret. Cap 45A N <sub>2</sub> /F5, 130A H35 w/ IHS	1	NEW	#11.	T-11304#	220487-UR	Electrode 130A Air	5
NEW	*NS	T-11346*	220533-UR	Ret. Cap 45A N <sub>2</sub> /F5, 130A H35 w/o IHS	1	NEW	#12.	T-0382#	020415-UR	Electrode 130A H35/N <sub>2</sub>	5
NEW	5.	T-11308	220525	Nozzle 45A Air/N <sub>2</sub> /F5	1	NEW	#13.	T-11307#	220521-UR	Cooling Tube	1
NEW	6.	T-11306	220492	Nozzle 130A Air	1						

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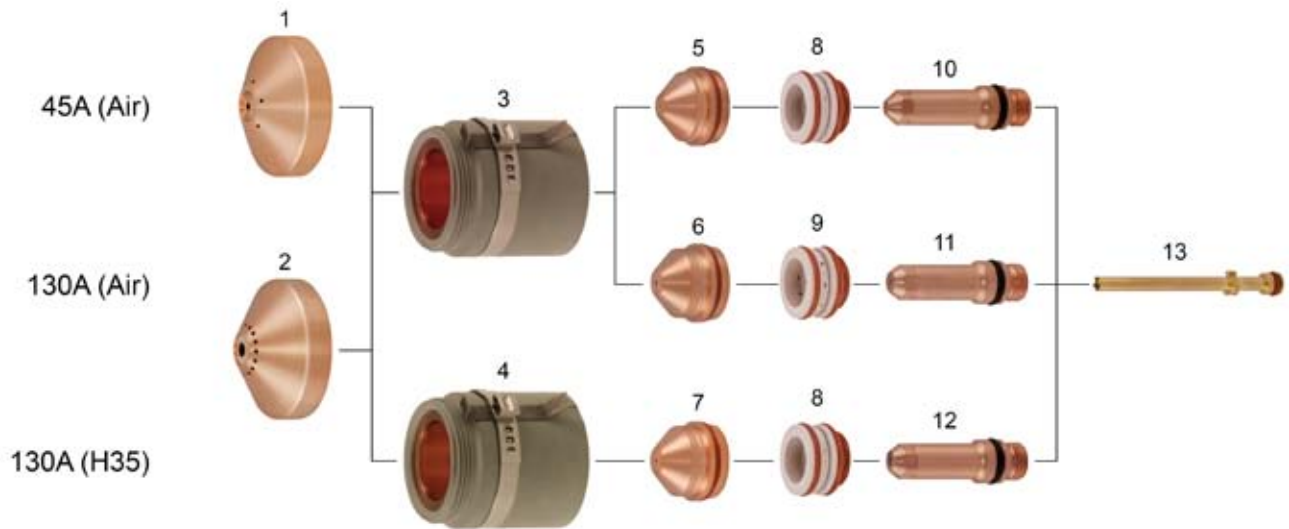
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# REPLACEMENT PARTS SUITABLE FOR HYPERTHERM®

HySpeed® Plasma  
HSD130™ aluminium



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

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

# THERMACUT ELECTRODES MUST 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.

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THE CUTTING COMPANY™

THERMACUT, INC.  
153 CHARLESTOWN ROAD  
CLAREMONT, NH 03743

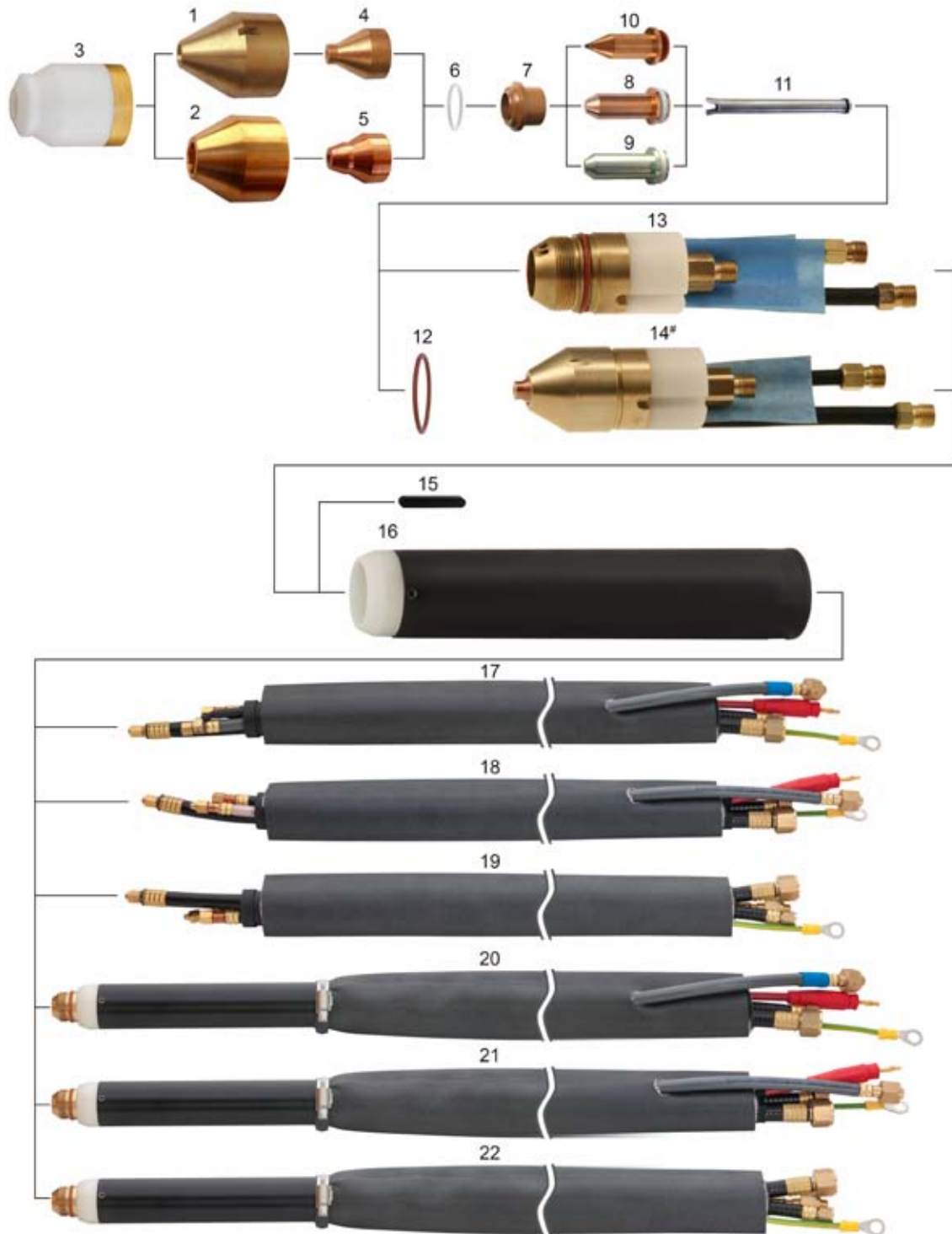
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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



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# 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	13.	T-8926	11.828.301.100		Torch Body, Machine	1
2.	T-8617	11.830.301.151		Nose Cap 9.6	1	# 14.	T-8607#	11.828.201.100		Complete Torch, Machine	1
3.	T-10040	11.828.101.160		Protection Cap, Hand	1	NS	T-8710	11.828.001.820 OEM		Cathode Tool	1
4.	T-8611	11.828.201.410	Ll	Nozzle 1.0mm, Air, 45A	1	NS	T-8711	11.828.001.810		Nose Cap Tool	1
	T-8612	11.828.201.413	Ld	Nozzle 1.3mm, Air, 90A	1	15.	PT-12482	11.828.201.250-3		Tube Pin	1
	T-8613	11.828.201.414	Le	Nozzle 1.4mm, Air, 120A	1	16.	T-8610	11.828.201.250		Tube complete, incl. pos.15	1
5.	T-8614	11.828.203.410	Lle	Nozzle 1.0mm, lle, Air, 45A	1	17.	KT-1068	11.832.521.701		Cable Leads 10m PB-S45W-1/O <sub>2</sub>	1
	T-8615	11.828.203.413	Lde	Nozzle 1.3mm, Lde, Air, 90A	1	18.	KT-1373	K.PB-S45W-1L.15M.K		Cable Leads 15m PB-S45W-1/L	1
	T-8616	11.828.203.414	Lee	Nozzle 1.4mm, Lee, Air, 130A	1		KT-1449	K.PB-S45W-1O2.15M.K		Cable Leads 15m PB-S45W-1/O <sub>2</sub>	1
	T-8736	11.828.213.613	Ade	Nozzle, 1.3mm ArH <sub>2</sub> , 80A	1	19.	KT-1296	11.832.401.701		Cable Leads 10m PB-S45W/L	1
	T-8737	11.828.213.614	Aee	Nozzle, 1.4mm ArH <sub>2</sub> , 100A	1		KT-1322	K.PB-S45WL.15M.K		Cable Leads 15m PB-S45W/L	1
	T-8738	11.828.213.616	Afe	Nozzle, 1.6mm ArH <sub>2</sub> , 130A	1	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 1.0 45A O <sub>2</sub>	1		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 1.3 90A O <sub>2</sub>	1	21.	KT-1413	11.832.501.006		Torch with Leads 6m PB-S45W-1/L	1
	T-8622	11.834.321.414	Lee-XL	Nozzle 1.4 130A O <sub>2</sub>	1		KT-1254	11.832.501.010		Torch with Leads 10m PB-S45W-1/L	1
6.	T-8601	10.575.036		O-Ring	1		KT-1272	K.PB-S45W-1L.15M		Torch with Leads 15m PB-S45W-1/L	1
7.	T-8604	11.828.001.153	Z111	Swirl Ring	1		KT-1230	11.832.501.1015		Torch with Leads 1.5m PB-S45W-1/L	1
	T-10794	11.828.001.153K	Z111	Swirl Ring, Ceramic	1	22.	KT-1402	11.832.401.006		Torch with Leads 6m PB-S45W/L	1
8.	T-8605	11.828.001.3001	Kb	Cathode	5		KT-1116	11.832.401.010		Torch with Leads 10m PB-S45W/L	1
9.	T-4921	11.834.321.3001-AG		Cathode, SilverEX®	5		KT-1054	K.PB-S45W-L.15M		Torch with Leads 15m PB-S45W/L	1
10.	T-8735	11.828.211.5001	Ka	Cathode ArH <sub>2</sub> (i)	5		KT-1356	K.PB-S45W-L.20M		Torch with Leads 20m PB-S45W/L	1
11.	T-8603	11.828.001.152		Cooling Tube	1	NS	KT-1417	K.PB-S45W-1L-O <sub>2</sub> .20M		Torch with Leads 20m PB-S45W-1/O <sub>2</sub>	1
12.	T-8602	10.575.052		O-Ring	1					Different types of cable leads available upon request	

(i) This part may not be distributed on the German market. Thermacut accepts no responsibility in case of indirect sales to Germany.

# 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

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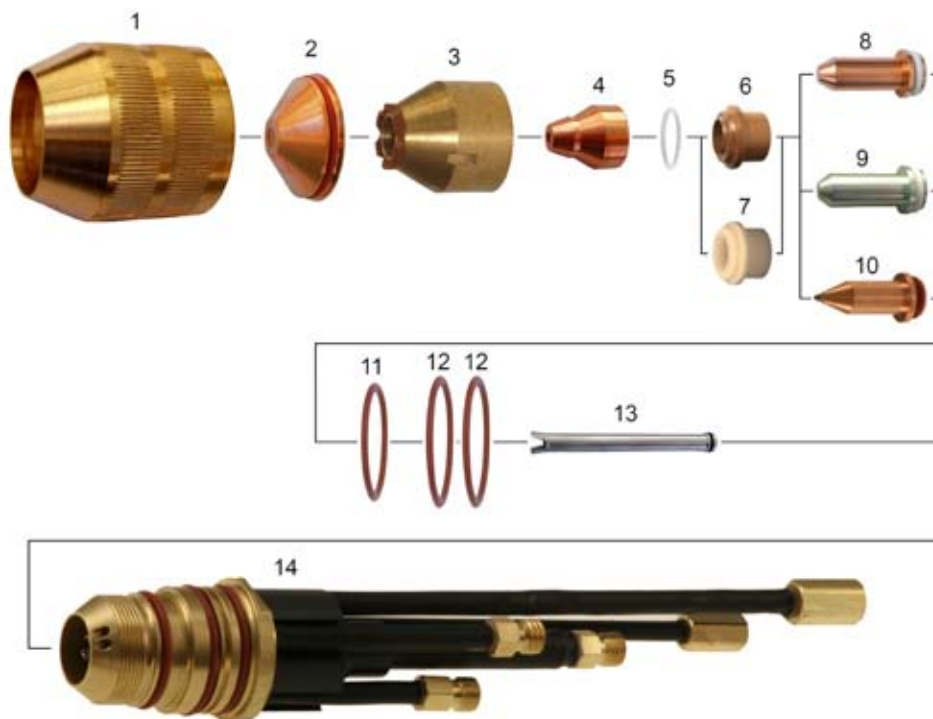
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

Fine Focus 450®  
PB-S47® W - 1 / O<sub>2</sub>®



1:3



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# KJELLBERG®

Fine Focus 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	9.	T-4921	11.834.321.3001-AG	Kb-XL	Cathode, SilverEX®	5
2.	T-8642	11.832.201.1561	W4130	Swirl Gas Cup 3.0	1	10.	T-8735	11.828.211.5001	Ka	Cathode, ArH <sub>2</sub> (i)	5
	T-8643	11.832.201.1571	W4140	Swirl Gas Cup 4.0	1	11.	T-8602	10.575.052		O-Ring	1
3.	T-8644	11.832.201.160	W3030	Nozzle Cap	1	12.	T-8647	10.505.915		O-Ring	1
4.	T-8614	11.828.203.410	Lle	Nozzle 1.0mm, Lle, Air, 45A	1	13.	PT-10232	11.832.201.152		Cooling Tube	1
	T-8615	11.828.203.413	Lde	Nozzle 1.3mm, Lde, Air, 90A	1	14.	T-8649	11.832.221.100		Torch Body, Machine	1
	T-8616	11.828.203.414	Lee	Nozzle 1.4mm, Lee, Air, 130A	1	15.	T-8648	10.505.948		O-Ring	1
	T-8620	11.834.321.410	Lle-XL	Nozzle 1.0mm, O <sub>2</sub> , 45A	1	16.	T-10193	11.832.221.100-10		Tube Adaptor	1
	T-8621	11.834.321.413	Lde-XL	Nozzle 1.3mm, O <sub>2</sub> , 90A	1	17.	T-10925	11.832.201.077		Clamping Bush	1
	T-8622	11.834.321.414	Lee-XL	Nozzle 1.4mm, O <sub>2</sub> , 130A	1	18.	T-10924	11.832.201.076		Outer Bush	1
	T-8736	11.828.213.613	Ade	Nozzle 1.3mm, ArH <sub>2</sub> , 80A	1	19.	T-10772	11.834.321.250		Tube PB-S47W	1
	T-8737	11.828.213.614	Aee	Nozzle 1.4mm, ArH <sub>2</sub> , 100A	1	20.	KT-1155	11.834.721.1015		Torch with Leads 1.5m 2/O <sub>2</sub>	1
	T-8738	11.828.213.616	Afe	Nozzle 1.6mm, ArH <sub>2</sub> , 130A	1	21.	KT-1056	11.834.321.006		Torch with Leads 6m 1/O <sub>2</sub>	1
5.	T-8601	10.575.036		O-Ring	1		KT-1422	11.834.321.010		Torch with Leads 10m 1/O <sub>2</sub>	1
6.	T-8618	11.834.321.153	Z111	Swirl Ring	1		KT-1102	11.834.321.015		Torch with Leads 15m 1/O <sub>2</sub>	1
7.	T-9287	11.834.321.153K	Z111	Swirl Ring - ceramic	1		KT-1127	K.PB-S47W.20M		Torch with Leads 20m 1/O <sub>2</sub>	1
8.	T-8619	11.834.321.3001	Kb-XL	Cathode	5						

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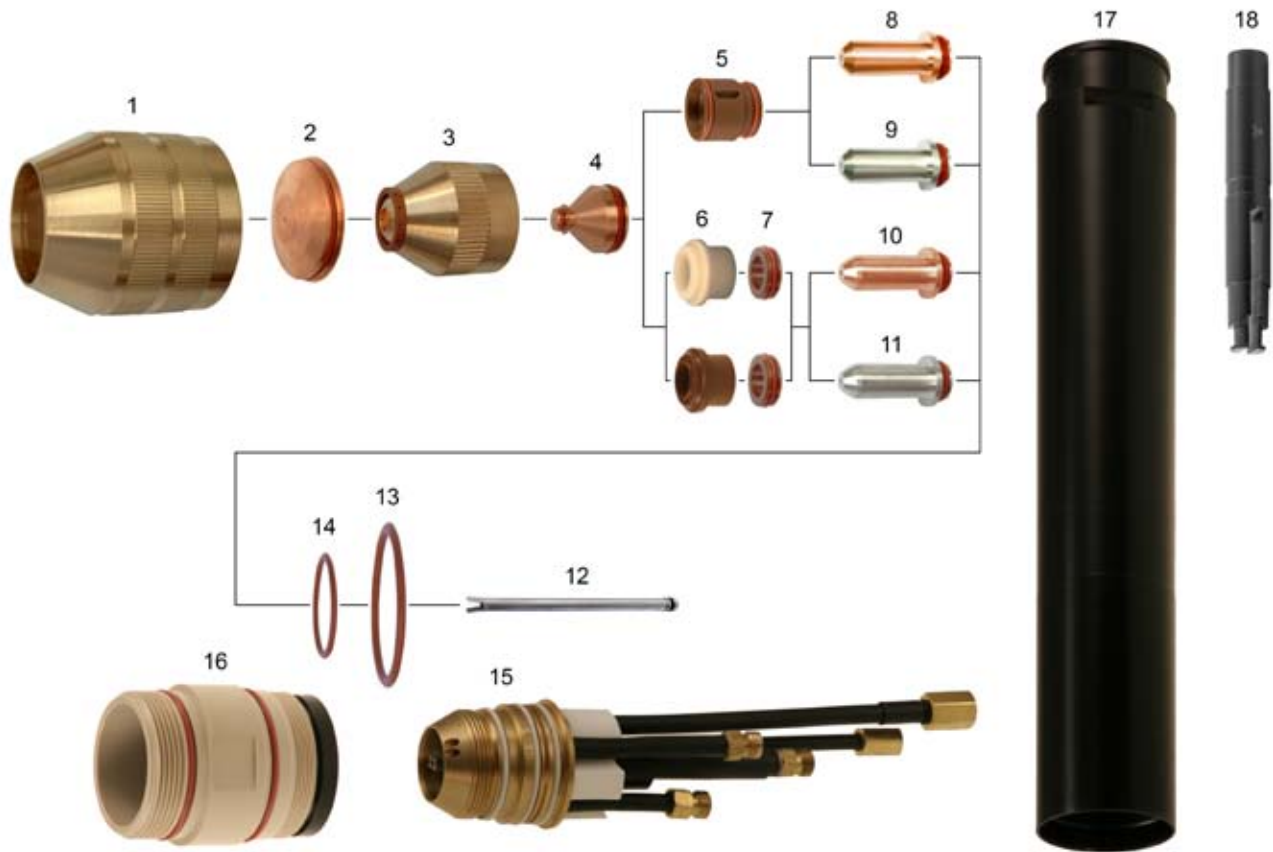
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus 100®

PerCut 100®, PerCut 101®



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# 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		T-8618	11.834.321.153	Z111	Swirl Ring – vespel	1
2.	T-8631	11.835.201.1561	Z4015	Swirl Gas Cap 1.5	1	7.	T-8655	11.835.421.303	Z111A	Spacer	1
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	1	8.	T-8624	11.835.221.3101	Z002Cu	Cathode, O <sub>2</sub> XL – copper (i)	5
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	1	9.	T-4922	11.835.221.3101-AG	Z002	Cathode, O <sub>2</sub> XL – SilverEX®	5
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	1	10.	T-8653	11.835.421.3101-PRO	Z012Cu	Cathode, O <sub>2</sub> XL – Silver PRO	5
	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	1	11.	T-4923	11.835.421.3101-AG	Z012	Cathode, O <sub>2</sub> XL – SilverEX®	5
	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	1	NS	T-10196	11.835.211.5101 OEM	Z042	Cathode HiFinox®	5
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	1	NS	T-10053	11.835.411.5101 OEM	Z052	Cathode HiFinox®	5
3.	T-8635	11.835.201.160	Z3004	Nozzle Cap 0.4	1	12.	T-8638	11.835.201.152	Z901	Cooling Tube	1
	T-8636	11.835.201.162	Z3008	Nozzle Cap 0.8	1	13.	T-8640	10.505.946		O-Ring	1
4.	T-8625	11.835.221.406	Z2006	Nozzle 0.6 25A	1	14.	N-10040	10.505.916		O-Ring	1
	T-8626	11.835.221.407	Z2007	Nozzle 0.7 35A	1	15.	T-8654	11.835.221.100		Torch Body, Machine	1
	T-8627	11.835.221.408	Z2008	Nozzle 0.8 50/60A	1	16.	T-10282	11.842.221.100-10		Tube Adaptor	1
	T-8628	11.835.221.410	Z2010	Nozzle 1.0 80/90A	1	17.	T-9723	11.838.221.250		Tube PerCut® 101-2	1
	T-8929	11.835.221.411	Z2011	Nozzle 1.1 90/100A	1	NS	T-10164	11.843.001.810 OEM		Nozzle Tool	1
	T-8629	11.835.221.412	Z2012	Nozzle 1.2 100A	1	NS	T-10163	11.835.221.820 OEM		Cathode Tool	1
	T-8637	11.835.221.414	Z2014	Nozzle 1.4 130A	1	NS	T-9755	11.835.201.077		Clamping Bush	1
	T-8651	11.835.421.412	Z2112	Nozzle 1.2 100A	1	NS	T-9756	11.835.201.076		Outer Bush	1
	T-8652	11.835.421.414	Z2114	Nozzle 1.4 130A	1	NS	KT-1203	11.838.221.1015		PerCut® 101-2 Torch with Leads, 1.75m	1
NS	T-10417	11.835.411.614 OEM	Z2514	Nozzle 1.4 120A	1	NS	KT-1185	11.838.421.700		PerCut® 101-1 Cable Leads, 6m	1
NS	T-10054	11.835.411.616 OEM	Z2516	Nozzle 1.6 130A	1	NS	KT-1135	11.838.421.702		PerCut® 101-1 Cable Leads, 15m	1
5.	T-8623	11.835.221.153	Z101	Swirl Ring 0.4 (3xcw)	1	NS	KT-1410	11.838.221.103		PerCut® 101-2 Torch with Leads, 3m	1
	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2xcw)	1	18.	T-11322	12.40320		Wrench for Swirl Ring	1
6.	T-9287	11.834.321.153K	Z111	Swirl Ring – ceramic	1						

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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.

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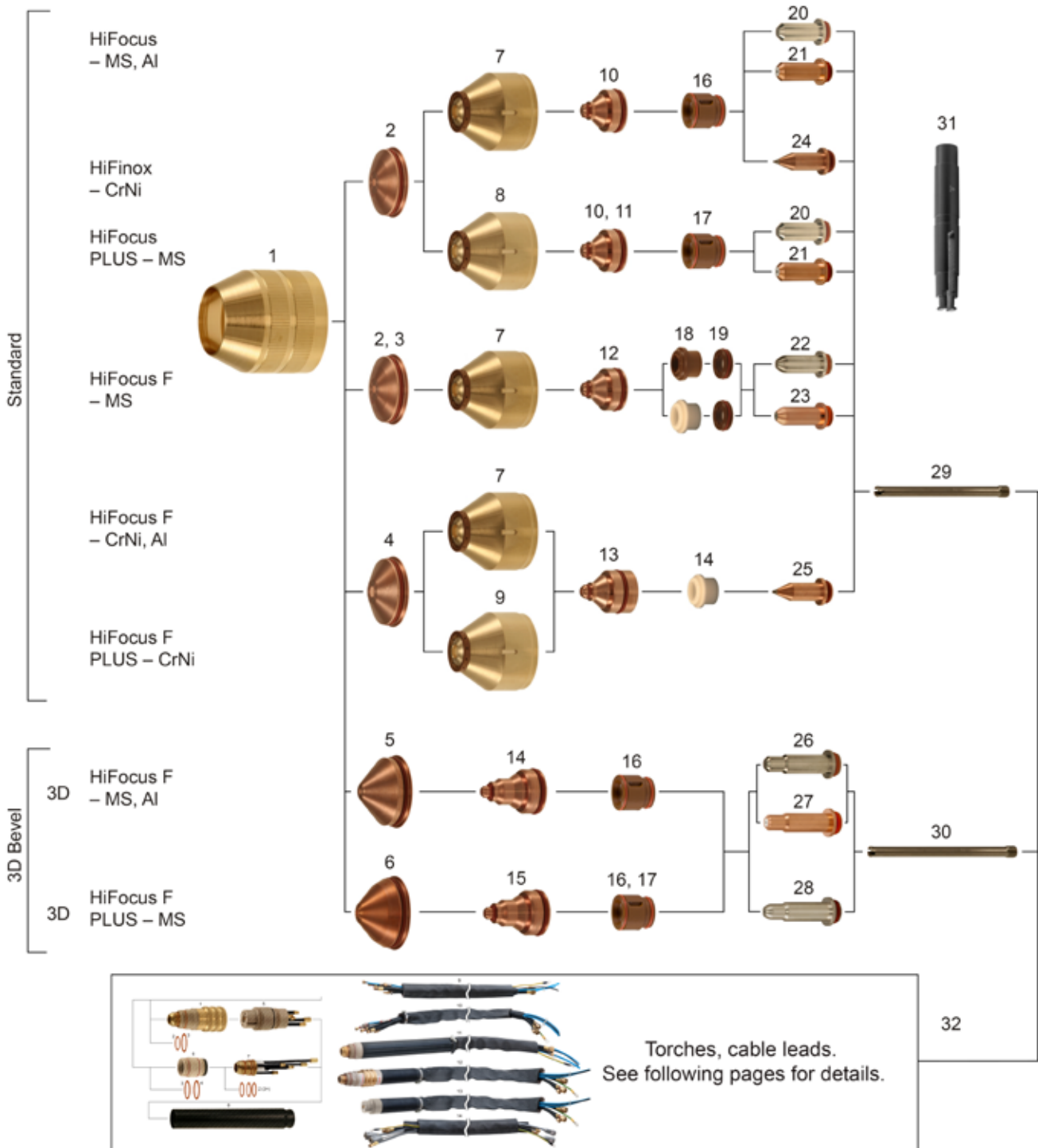
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus160i®

PerCut 160®/PerCut 170®



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# KJELLBERG®

HiFocus160i®

PerCut 160®/PerCut 170®

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	1		T-10007	11.843.021.416	S2016X	Nozzle 1.6 160A	10
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	1	12.	T-10008	11.843.121.412	S2112X	Nozzle 1.2 100A	10
	T-8885	11.835.201.1551	Z4022	Swirl Gas Cap 2.2	1		T-10009	11.843.121.414	S2114X	Nozzle 1.4 130A	10
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	1		T-10010	11.843.121.416	S2116X	Nozzle 1.6 160A	10
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	1	13.	T-10011	11.843.111.614	S2514X	Nozzle 1.4 120A	10
3.	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	1		T-9926	11.843.111.616	S2516X	Nozzle 1.6 140A	10
4.	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	1		T-9927	11.843.111.618	S2518X	Nozzle 1.8 160A	10
	T-10153	11.835.411.1580	Z4535	Swirl Gas Cap 3.5	1	14.	T-10272	11.842.621.407	R2007	Nozzle 0.7 35A (3D)	10
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	1	15.	T-10252	11.842.621.408	R2008	Nozzle 0.8 50A (3D)	10
5.	T-10299	11.838.001.1561	Y4015	Swirl Gas Cap 1.5 (3D)	1		T-10273	11.842.621.409	R2009	Nozzle 0.9 70A (3D)	10
	T-10279	11.838.001.1571	Y4020	Swirl Gas Cap 2.0 (3D)	1		T-10274	11.842.621.410	R2010	Nozzle 1.0 80A (3D)	10
6.	T-10294	11.842.601.157	R4020	Swirl Gas Cap 2.0 (3D)	1		T-10275	11.842.621.411	R2011	Nozzle 1.1 90A (3D)	10
	T-10278	11.842.601.155	R4022	Swirl Gas Cap 2.2 (3D)	1		T-10276	11.842.621.412	R2012	Nozzle 1.2 100A (3D)	10
	T-10280	11.842.601.158	R4025	Swirl Gas Cap 2.5 (3D)	1		T-10277	11.842.621.414	R2014	Nozzle 1.4 130A (3D)	10
	T-10303	11.842.701.158	R4130	Swirl Gas Cap 3.0 (3D)	1	16.	T-8623	11.835.221.153	Z101	Swirl Ring 0.4 (3xcw)	1
	T-10302	11.842.701.159	R4140	Swirl Gas Cap 4.0 (3D)	1	17.	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2xcw)	1
7.	T-8887	11.842.401.160	S3004	Nozzle Cap 0.4	1	18.	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
8.	T-8889	11.842.401.1622	S3028	Nozzle Cap 0.8	1	19.	T-8655	11.835.421.303	Z111A	Spacer	1
	T-10208	11.842.401.1624	S3048	Nozzle Cap 0.8	1	20.	T-4920	11.843.021.320-AG	S002Y	Cathode, SilverEX®	5
9.	T-10328	11.842.401.1621	S3018	Nozzle Cap 0.8	1	21.	T-11204*	11.843.021.320-PRO	S002Y	Cathode, Silver PRO	5
NS	T-10249	11.842.601.160 OEM	R3004	Nozzle Cap 0.4	1	22.	T-4924	11.843.121.310-AG	S012X	Cathode, SilverEX®	5
NS	T-10298	11.842.601.162 OEM	R3008	Nozzle Cap 0.8	1	23.	T-11853*	11.843.121.310-PRO	S012X	Cathode, Silver PRO	5
NS	T-10250	11.842.601.1621 OEM	R3018	Nozzle Cap 0.8 (3D)	1	24.	T-9924	11.842.411.510	S042	Cathode, HiFinox® (i)	5
NS	T-10251	11.842.601.1622 OEM	R3028	Nozzle Cap 0.8 (3D)	1	25.	T-9925	11.842.511.510	S052	Cathode, FineFocus® (j)	5
10.	T-10000	11.843.021.406	S2006X	Nozzle 0.6 25A	10	26.	T-4931	11.842.621.310-AG	R002	Cathode O <sub>2</sub> XL, SilverEX®	5
	T-10001	11.843.021.407	S2007X	Nozzle 0.7 35A	10	27.	T-11851	11.842.621.310-PRO	R002	Cathode O <sub>2</sub> XL, Silver PRO	5
11.	T-10002	11.843.021.408	S2008X	Nozzle 0.8 50/60A	10	28.	T-11839	11.842.721.310-AG	R012	Cathode O <sub>2</sub> , SilverEX®	5
	T-10003	11.843.021.409	S2009X	Nozzle 0.9 70/80A	10	29.	T-10207	11.842.401.152	S901	Cooling Tube	1
	T-10004	11.843.021.410	S2010X	Nozzle 1.0 80/90A	10	30.	T-11161	11.842.601.152	R901	Cooling Tube	1
	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	32.	Torches, cable leads. See following pages for details.				

(i) This part may not be distributed on the German market. Thermancut accepts no responsibility in case of indirect sales to Germany.

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

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

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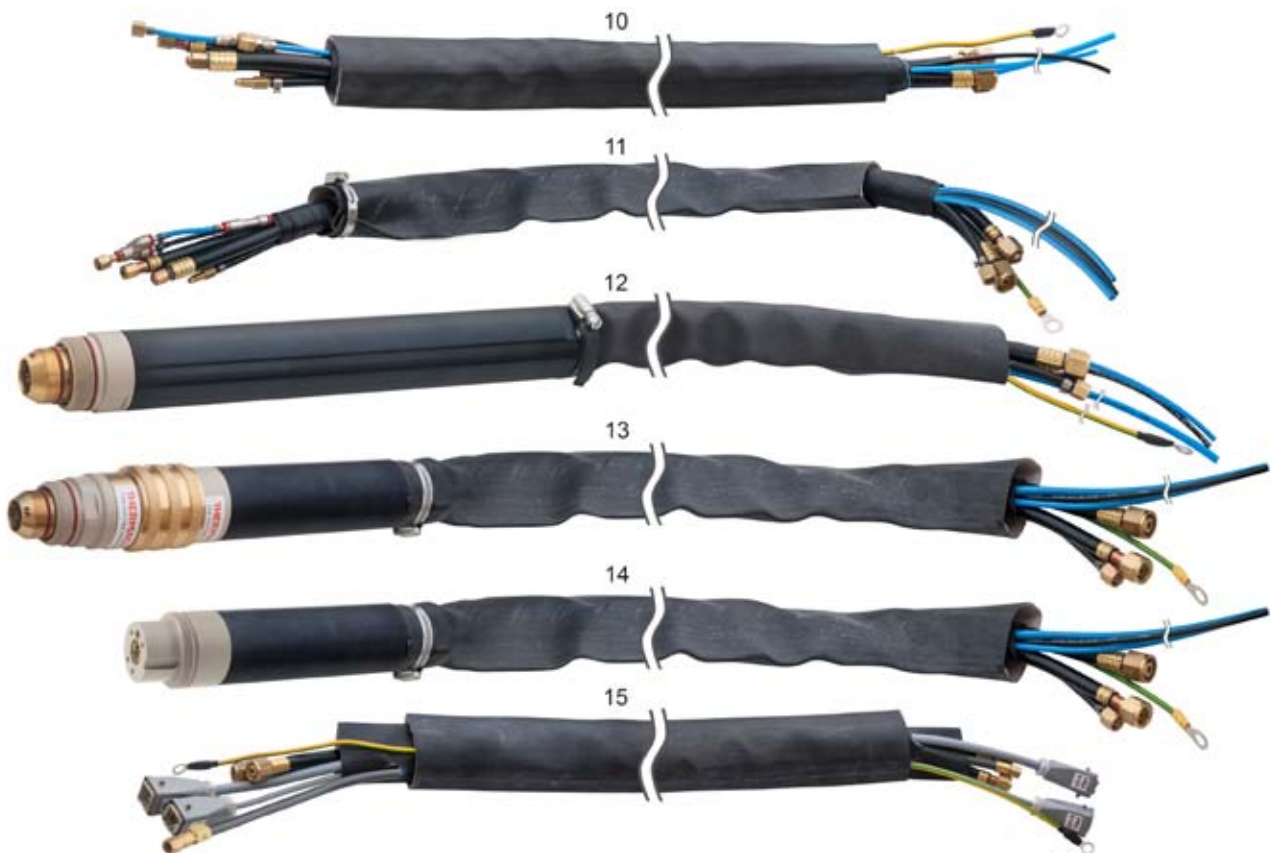
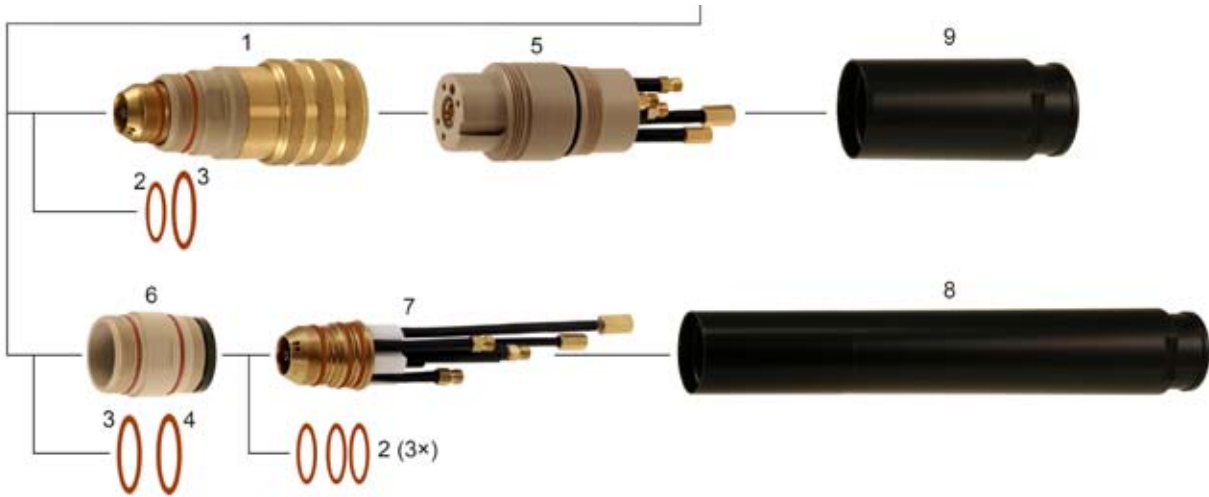
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus160i®

PerCut 160®/PerCut 170® Torches and Cable leads



Last update of this page: 28/09/2015. See Revision history for details.

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# KJELLBERG®

## HiFocus160i®

### 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	NS	KT-1271	K.PERCUT160.1,5M	PerCut 160-2 Mach. Torch with Leads 1.5m	1
2.	N-12300	10.505.916	O-Ring	1	10.	KT-1179	11.842.421.700A	PerCut 160-2 Cable Leads 1.75m	1
3.	N-12301	10.505.946	O-Ring	1	11.	KT-1220	K.PERCUT170-2.1,75M.K	PerCut 170-2 Cable Leads 1.75m	1
4.	N-18132	N-18132	O-Ring	1	12.	KT-1051	11.842.421.1015	PerCut 160-2 Mach. Torch with Leads 1.75m	1
#5.	T-10175#	11.822.583-UR	PerCut 170® Adaptor	1	13.	KT-1064	11.843.021.1015-UR	PerCut 170-2UR Mach. Torch w/ Leads 1.75m	1
6.	T-10282	11.842.221.100-10	Tube PerCut 160®	1		KT-1065	K.PERCUT170.3M	PerCut 170-2UR Mach. Torch with Leads 3m	1
7.	T-9933	11.842.221.100	Torch PerCut 160®	1		KT-1218	K.PERCUT170-2.6M	PerCut 170-2UR Mach. Torch with Leads 6m	1
8.	T-9857	11.842.421.250	Tube PerCut 160®	1	14.	KT-1265	K.PERCUT170-2.A	PerCut170® Adaptor with Leads 1.75m	1
9.	T-10176	11.843.021.250	Tube PerCut 170®	1	15.	KT-1381	11.825.710.1	PBL-H160 Lead Set, 10m	1
NS	T-9755	11.835.201.077	Clamping Bush	1		KT-1308	11.825.715.1	PBL-H160 Lead Set, 15m	1
NS	T-9756	11.835.201.076	Outer Bush	1	Different types of cable leads available upon request				

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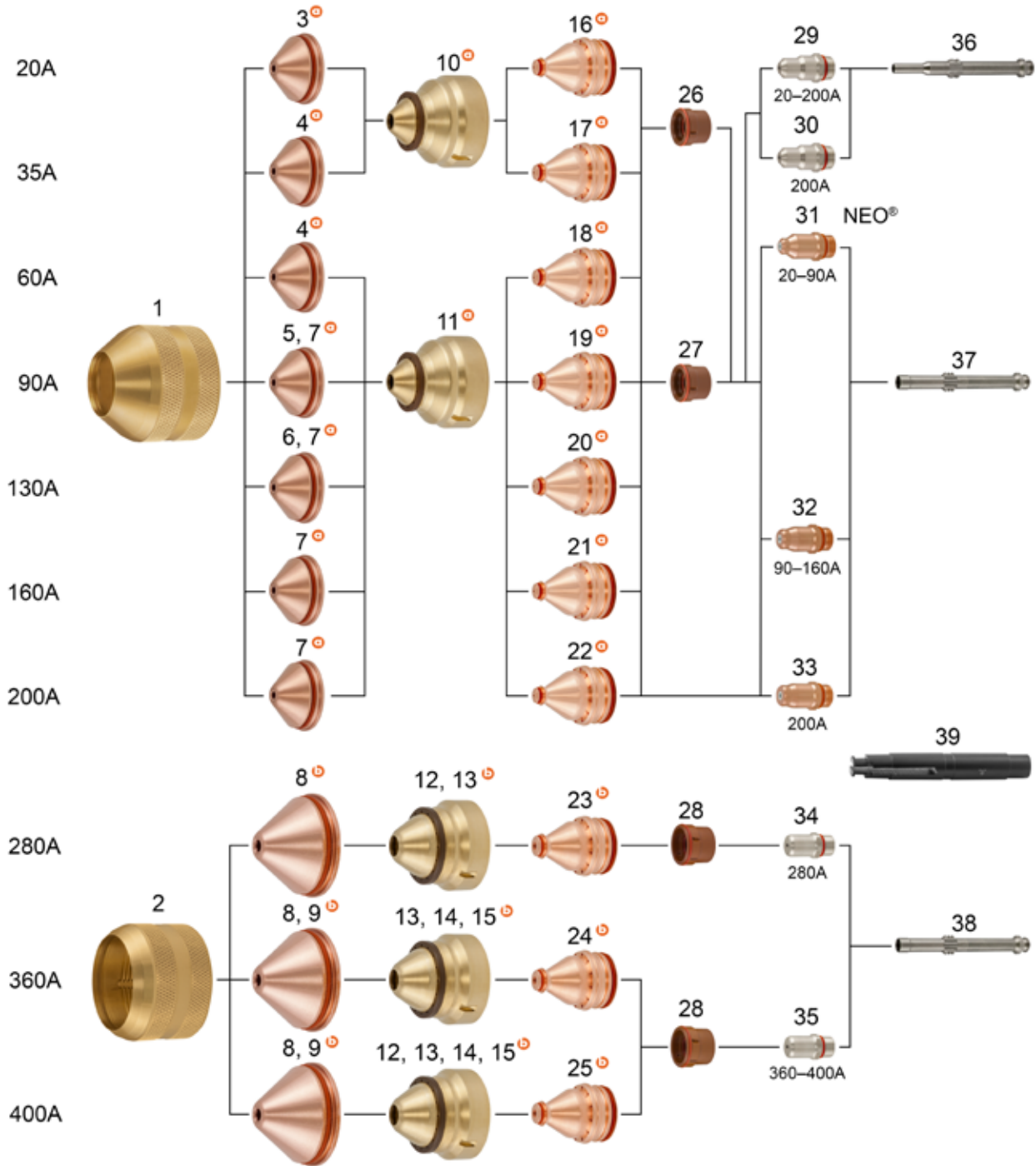
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus160i®, HiFocus280i®, HiFocus 360i®, HiFocus 440i®  
PerCut 200® / PerCut 210® / PerCut 450M®



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# KJELLBERG®

HiFocus160i®, HiFocus280i®, HiFocus 360i®, HiFocus 440i®  
PerCut 200® / PerCut 210® / PerCut 450M®

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
2.	T-11227	11.848.401.081	G521	Protection cap 280–400A	1	⊕22.	T-11358	11.848.221.416-UR	G2016Y	Nozzle 1.6mm 200A	1
⊕3.	T-11368	11.848.201.1515-UR	G4015	Swirl Gas Cap 20A	10	⊕	T-11835	11.848.221.417-UR	G2017Y	Nozzle 1,7mm 200A	1
⊕4.	T-11369	11.848.201.1520-UR	G4020	Swirl Gas Cap 35/60A	10	⊕23.	T-11359	11.848.421.426-UR	G2326Y	Nozzle 2.6mm 280A	1
⊕5.	T-11371	11.848.201.1525-UR	G4025	Swirl Gas Cap 90A	10	⊕24.	T-11360	11.848.421.430-UR	G2330Y	Nozzle 3.0mm 360A	1
⊕6.	T-11370	11.848.201.1522-UR	G4022	Swirl Gas Cap 130A	10	⊕25.	T-11361	11.848.421.431-UR	G2331Y	Nozzle 3.1mm 400A	1
⊕7.	T-11372	11.848.201.1530-UR	G4030	Swirl Gas Cap 90–200A	10	26.	T-11223	11.848.221.145	G101	Swirl Ring 20/35A	1
⊕8.	T-11373	11.848.401.1550-UR	G4350	Swirl Gas Cap 280–400A	1	27.	T-11224	11.848.221.146	G102	Swirl Ring 60–200A	1
⊕9.	T-11374	11.848.401.1555-UR	G4355	Swirl Gas Cap 360–400A	1	28.	T-11230	11.848.421.145	G121	Swirl Ring 280–400A	1
⊕10.	T-11362	11.848.201.1604-UR	G3004	Retaining Cap 20–35A	1	29.	T-11225*	11.848.221.300-AG	G002Y	Cathode, SilverEX® 20–200A	5
⊕11.	T-11363	11.848.201.1628-UR	G3028	Retaining Cap 60–200A	1	30.	T-11226*	11.848.221.310-AG	G003Y	Cathode, SilverEX® 200A	5
⊕12.	T-11367	11.848.401.1649-UR	G3249	Retaining Cap 280/400A	1	NEW 31.	T-11858	11.848.231.320-PRO	G011Y	Cathode, Silver PRO 20–90A	5
⊕13.	T-11365	11.848.401.1619-UR	G3219	Retaining Cap 280–400A	1	NEW 32.	T-11859	11.848.231.350-PRO	G015Y	Cathode, Silver PRO 90–160A	5
⊕14.	T-11366	11.848.401.1629-UR	G3229	Retaining Cap 360/400A	1	NEW 33.	T-11860	11.848.231.360-PRO	G016Y	Cathode, Silver PRO 200A	5
⊕15.	T-11364	11.848.401.1609-UR	G3209	Retaining Cap 360/400A	1	34.	T-11232*	11.848.421.310-AG	G032Y	Cathode, SilverEX® 280A	5
⊕16.	T-11352	11.848.221.406-UR	G2006Y	Nozzle 0.6mm 20A	1	35.	T-11233*	11.848.421.330-AG	G034Y	Cathode, SilverEX® 360A/400A	5
⊕17.	T-11353	11.848.221.407-UR	G2007Y	Nozzle 0.7mm 35A	1	36.	T-11222	11.848.201.142	G901Y	Cooling Tube 20–200A	1
⊕18.	T-11354	11.848.221.408-UR	G2008Y	Nozzle 0.8mm 60A	1	NEW 37.	T-11847	11.852.201.142	G902Y	Cooling Tube	1
⊕19.	T-11355	11.848.221.410-UR	G2010Y	Nozzle 1.0mm 90A	1	38.	T-11228	11.848.401.142	G931Y	Cooling Tube 280–400A	1
⊕20.	T-11356	11.848.221.412-UR	G2012Y	Nozzle 1.2mm 130A	1	39.	T-11322	12.40320		Wrench for Swirl Ring	1

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

⊕, ⊕ MUST BE USED ONLY AS A SET OF SWIRL GAS CAP, RETAINING CAP AND NOZZLE, THIS COMPLETE SET IS

INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

THERMACUT DESIGN IS PROTECTED BY UTILITY PATENT

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

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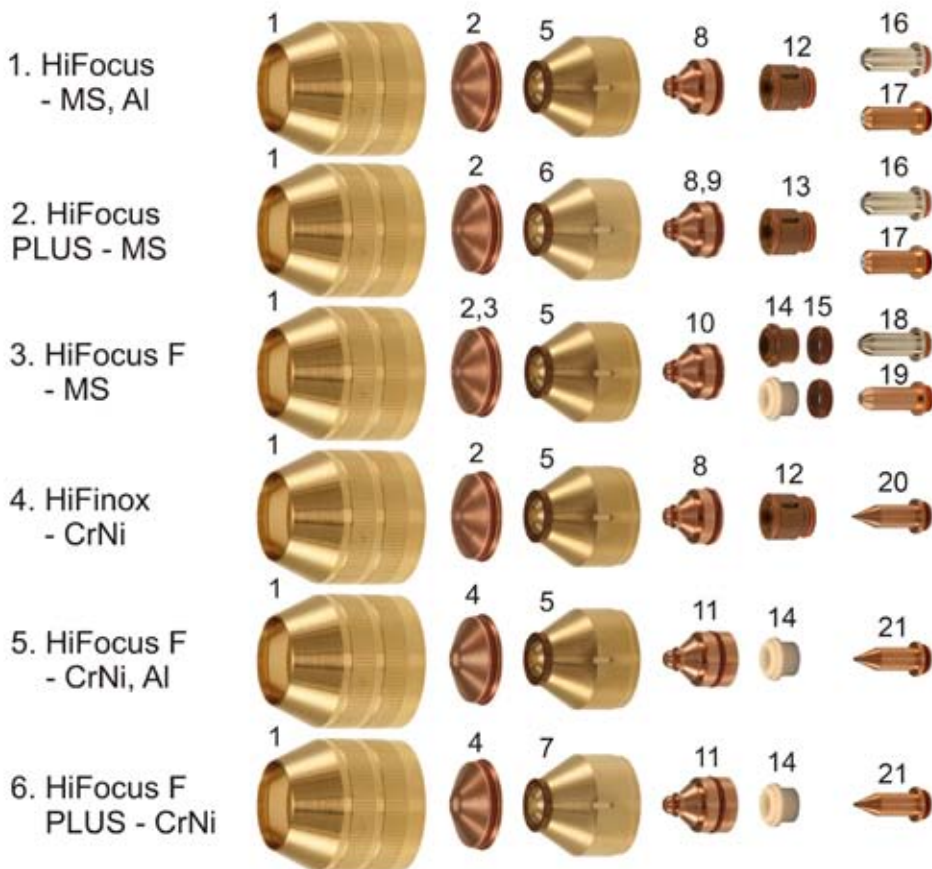
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# REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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

## PerCut 370.1



## PerCut 370.2



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# KJELLBERG®

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

## 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	1
2.	T-8631	11.835.201.1561	Z4015	Swirl Gas Cap 1.5	1		T-10007	11.843.021.416	S2016X	Nozzle 1.6 160A	1
	T-8632	11.835.201.1571	Z4020	Swirl Gas Cap 2.0	1	10.	T-10008	11.843.121.412	S2112X	Nozzle 1.2 100A	1
	T-8885	11.835.201.1551	Z4022	Swirl Gas Cap 2.2	1		T-10009	11.843.121.414	S2114X	Nozzle 1.4 130A	1
	T-8633	11.835.201.1581	Z4025	Swirl Gas Cap 2.5	1		T-10010	11.843.121.416	S2116X	Nozzle 1.6 160A	1
	T-8634	11.835.201.1591	Z4030	Swirl Gas Cap 3.0	1	11.	T-10011	11.843.111.614	S2514X	Nozzle 1.4 120A	1
3.	T-8650	11.835.401.1571	Z4140	Swirl Gas Cap 4.0	1		T-9926	11.843.111.616	S2516X	Nozzle 1.6 140A	1
4.	T-9928	11.835.411.1581	Z4530	Swirl Gas Cap 3.0	1		T-9927	11.843.111.618	S2518X	Nozzle 1.8 160A	1
	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 (3xcw)	1
	T-9929	11.835.411.1591	Z4540	Swirl Gas Cap 4.0	1	13.	T-8886	11.835.221.154	Z102	Swirl Ring 0.4 (2xcw)	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	1
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	1	17.	T-11204**	11.843.021.320-PRO	S002Y	Cathode, Silver PRO	5
	T-10001	11.843.021.407	S2007X	Nozzle 0.7 35A	1	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	1	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	1	20.	T-9924	11.842.411.510	S042	Cathode, HiFinov® (i)	5
	T-10004	11.843.021.410	S2010X	Nozzle 1.0 80/90A	1	21.	T-9925	11.842.511.510	S052	Cathode, FineFocus® (i)	5
	T-9699	11.843.021.411	S2011X	Nozzle 1.1 90/100A	1	31.	T-11322	12.40320		Wrench for Swirl Ring	1
	T-10005	11.843.021.412	S2012X	Nozzle 1.2 100/130A	1						

## 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 O <sub>2</sub> 300A, repl.11.836.921.427 (i)	5
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-10563	11.846.921.430	T2130Y	Nozzle O <sub>2</sub> 360A, repl.11.836.921.430 (i)	5
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-10927**	11.846.921.415-UR	T2115Y	Nozzle O <sub>2</sub> 120A, repl.11.836.921.415	5
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10928**	11.846.921.420-UR	T2120Y	Nozzle O <sub>2</sub> 200A, repl.11.836.921.420	5
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-10929**	11.846.921.425-UR	T2125Y	Nozzle O <sub>2</sub> 250A, repl.11.836.921.425	5
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1		T-10930**	11.846.921.427-UR	T2127Y	Nozzle O <sub>2</sub> 300A, repl.11.836.921.427	5
NS	T-10557	11.833.111.159	V4560	Swirl Gas Cap 6.0	1		T-10931**	11.846.921.430-UR	T2130Y	Nozzle O <sub>2</sub> 360A, repl.11.836.921.430	5
23.	T-10470	11.841.721.081	T502	Protection Cap PerCut 370.2®	1	27.	T-10466	11.836.921.1542	T104	Swirl Ring (3x0.4 cw)	1
24.	N-18267	11.836.921.271	T522	Swirl Gas Nozzle PerCut 370.2®	1		T-10366	11.836.921.153 OEM	T101	Swirl Ring (6x0.8 cw)	1
24a.	N-18371			O-Ring	1		T-10672	11.836.921.153	T101	Swirl Ring (6x0.8 cw)	1
25.	T-10214	11.836.901.163	T3030	Nozzle Cap (12x1.5 30° cw)	1		T-10367	11.836.921.1531 OEM	T111	Swirl Ring (6x0.8 ccw)	1
	T-10215	11.836.901.164	T3045	Nozzle Cap (12x1.5 45° cw)	1		T-10464	11.836.921.154	T102	Swirl Ring (3x0.8 cw)	1
	T-10217	11.836.901.1641	T3145	Nozzle Cap (12x1.5 45° ccw)	1		T-10465	11.836.921.1541	T112	Swirl Ring (3x0.6 ccw)	1
	T-10216	11.836.901.165	T3060	Nozzle Cap (12x1.5 60° cw)	1		TN-0004	11.836.921.153	T101	Swirl Ring (6x0.8 cw)	1
	T-10218	11.836.901.1651	T3160	Nozzle Cap (12x1.5 60° ccw)	1	28.	T-10804	11.844.921.300-AG	T012Y	SilverEX® Cathode, use with T902Y	5
26.	T-10559	11.846.921.415	T2115Y	Nozzle O <sub>2</sub> 120A, repl.11.836.921.415 (i)	5	29.	T-10558	11.844.901.152	T902Y	Cooling Tube, use with T012Y	1
	T-10560	11.846.921.420	T2120Y	Nozzle O <sub>2</sub> 200A, repl.11.836.921.420 (i)	5	30.	T-10564	12.38180		Wrench For Cooling Tube	1
	T-10561	11.846.921.425	T2125Y	Nozzle O <sub>2</sub> 250A, repl.11.836.921.425 (i)	5	31.	T-11322	12.40320		Wrench for Swirl Ring	1

(i) This part may not be distributed on the German market. Thermacut accepts no responsibility in case of indirect sales to Germany.

\*\* 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 Counter 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.

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# 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-10229	11.828.901.414	L3XL	Nozzle Air/O <sub>2</sub> 120A	1
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-8927	11.828.901.420	L1 XL	Nozzle Air/O <sub>2</sub> 160A	1
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-11301	11.828.901.425	L2 XL	Nozzle Air/O <sub>2</sub> 250	1
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10247	11.828.901.427	L4XL	Nozzle Air/O <sub>2</sub> 300A	1
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-10588	12.40850	L2	Nozzle 250A PB-S75® WH	1
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1		T-11569	12.43050 OEM	L1	Nozzle 160A PB-S75® WH	1
2.	T-10357	11.833.101.261 OEM	V501	Protection Cap PB-S76®/PB-S77®	1	6.	T-10369	12.40860		Swirl Ring Air/O <sub>2</sub> PB-S75®	1
NS	T-10361	11.828.401.265 OEM		Protection Cap PB-S76®/PB-S77®	1	7.	T-4932	11.828.921.300-AG	K2-XL	Cathode SilverEX® O <sub>2</sub> /Air PB-S76®; PB-S75®	5
3.	N-18266	11.836.901.271	T521	Insulator	1		T-10225	12.40870	K2	Cathode Air/O <sub>2</sub> PB-S75® WH	5
3a.	N-18371			O-Ring	1		T-4933	11.833.121.300-AG	K3-XL	Cathode SilverEX® O <sub>2</sub> /Air PB-S77®	5
NS	T-10364	11.828.401.275 OEM		PTFE Cover PB-S76®/PB-S77®	1	8.	T-10371	12.51440 OEM		Cooling Tube PB-S75®	1
4.	T-10219	12.37790		Nozzle Cap PB-S75®	1	9.	T-10564	12.38180		Wrench For Cooling Tube	1

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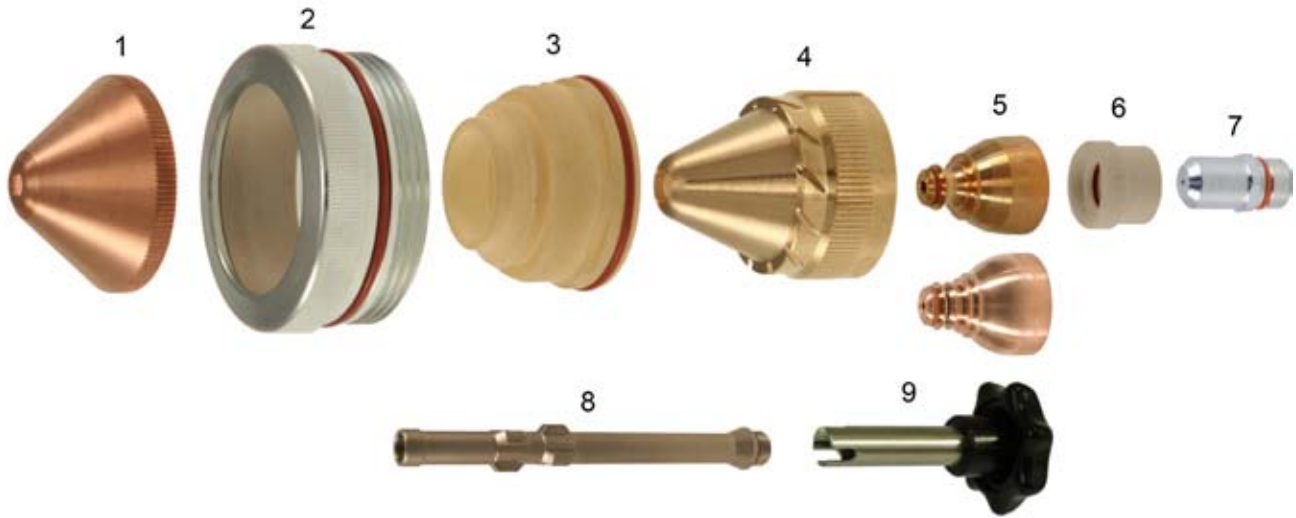
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# KJELLBERG®

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	5.	T-10561	11.846.921.425	T2125Y	Nozzle O <sub>2</sub> 250A, repl.11.836.921.425 (i)	5
	T-10220	11.833.101.155	V4335	Swirl Gas Cap 3.5	1		T-10562	11.846.921.427	T2127Y	Nozzle O <sub>2</sub> 300A, repl.11.836.921.427 (i)	5
	T-10221	11.833.101.156	V4340	Swirl Gas Cap 4.0	1		T-10563	11.846.921.430	T2130Y	Nozzle O <sub>2</sub> 360A, repl.11.836.921.430 (i)	5
	T-10222	11.833.101.157	V4345	Swirl Gas Cap 4.5	1		T-10927**	11.846.921.415-UR	T2115Y	Nozzle O <sub>2</sub> 120A, repl.11.836.921.415	5
	T-10223	11.833.101.158	V4350	Swirl Gas Cap 5.0	1		T-10928**	11.846.921.420-UR	T2120Y	Nozzle O <sub>2</sub> 200A, repl.11.836.921.420	5
	T-10224	11.833.101.159	V4360	Swirl Gas Cap 6.0	1		T-10929**	11.846.921.425-UR	T2125Y	Nozzle O <sub>2</sub> 250A, repl.11.836.921.425	5
2.	T-10997	11.833.121.271	OEM V522	Protection Cap	1		T-10930**	11.846.921.427-UR	T2127Y	Nozzle O <sub>2</sub> 300A, repl.11.836.921.427	5
	T-10998	11.833.121.261	OEM V502	Protection Cap	1		T-10931**	11.846.921.430-UR	T2130Y	Nozzle O <sub>2</sub> 360A, repl.11.836.921.430	5
	T-10357	11.833.101.261	OEM V501	Protection Cap	1	6.	T-10466	11.836.921.1542	T104	Swirl Ring (3x0.4 cw)	1
3.	N-18267	11.836.921.271		Insulator	1		T-10366	11.836.921.153	OEM T101	Swirl Ring (6x0.8 cw)	1
	N-18266	11.836.901.271	T521	Insulator	1		T-10672	11.836.921.153	T101	Swirl Ring (6x0.8 cw)	1
3a.	N-18371			O-Ring	1		T-10367	11.836.921.1531	OEM T111	Swirl Ring (6x0.8 ccw)	1
4.	T-10214	11.836.901.163	T3030	Nozzle Cap (12x1.5 30° cw)	1		T-10464	11.836.921.154	T102	Swirl Ring (3x0.8 cw)	1
	T-10215	11.836.901.164	T3045	Nozzle Cap (12x1.5 45° cw)	1		T-10465	11.836.921.1541	T112	Swirl Ring (3x0.6 ccw)	1
	T-10217	11.836.901.1641	T3145	Nozzle Cap (12x1.5 45° ccw)	1		TN-0004	11.836.921.153	T101	Swirl Ring (6x0.8 cw), ceramic	1
	T-10216	11.836.901.165	T3060	Nozzle Cap (12x1.5 60° cw)	1	7.	T-10804	11.844.921.300-AG	T012Y	SilverEX® Cathode, use with T902Y	5
	T-10218	11.836.901.1651	T3160	Nozzle Cap (12x1.5 60° ccw)	1	8.	T-10467	11.828.911.230	V951	Cooling tube PB-S77®; PB-S80®	1
5.	T-10559	11.846.921.415	T2115Y	Nozzle O <sub>2</sub> 120A, repl.11.836.921.415 (i)	5		T-10558	11.844.901.152	T902Y	Cooling Tube, use with T012Y	1
	T-10560	11.846.921.420	T2120Y	Nozzle O <sub>2</sub> 200A, repl.11.836.921.420 (i)	5	9.	T-10564	12.38180		Wrench For Cooling Tube	1

(i) This part may not be distributed on the German, Italian, French and Great Britain market. Thermacut accepts no responsibility in case of indirect sales to Germany, Italy, France and Great Britain.

\*\* 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 Counter Wise (CW) swirling parts.

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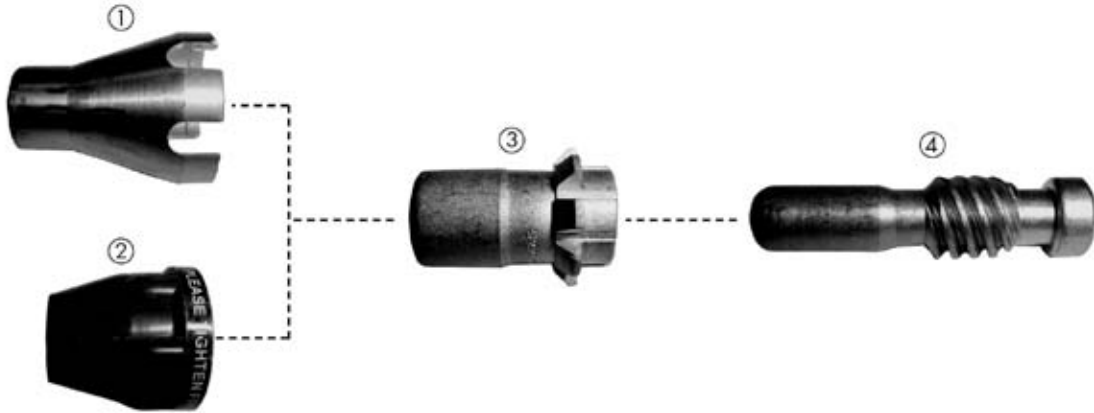
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# REPLACEMENT PARTS SUITABLE FOR LINCOLN ELECTRIC®

PROCUT® 25/55/80  
PCT20/80



Item	Part No.	Ref. No.	Description	System	Std. Pkg.	Item	Part No.	Ref. No.	Description	System	Std. Pkg.
1.	T-2960	KP2065-1 OEM	Drag Cup	25, 55, 80	1	T-3544	KP2062-3B1 OEM		Nozzle .053	80	5
2.	T-11538	KP2064-1 OEM	Shield Cup	25, 55, 80	1	T-2980	KP2062-4B1 OEM		Nozzle, Gouging, .068	55, 80	5
3.	T-3536	KP2062-1B1 OEM	Nozzle .028	25	5	T-4194	KP2062-5B1 OEM		Nozzle, Gouging .082	80	5
	T-11537	KP2062-2B1 OEM	Nozzle .043	55, 80	5	4.	T-11536	KP2063-1B1	Electrode	25, 55, 80	5

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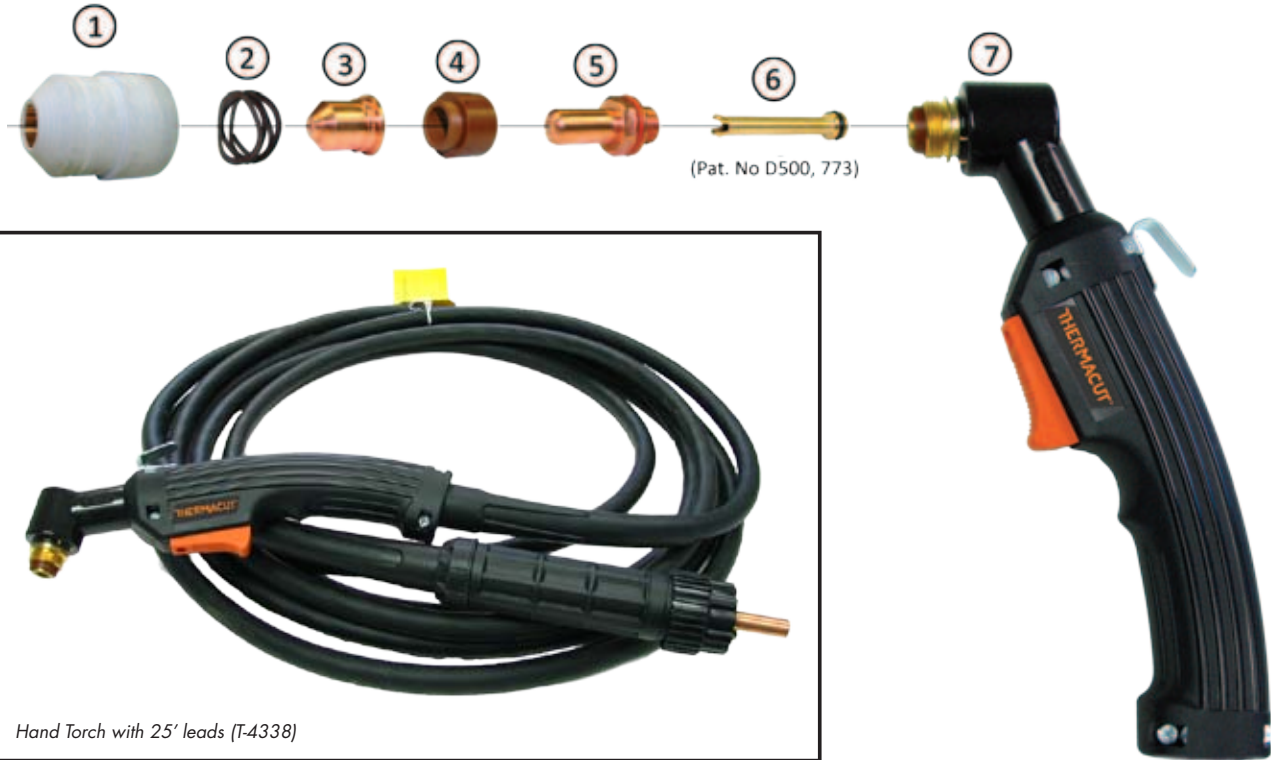
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### Replacement Torch Suitable for Lincoln® ProCut® 55

The PTR-55L Replacement Torch offers improved cut quality and longer consumable life.



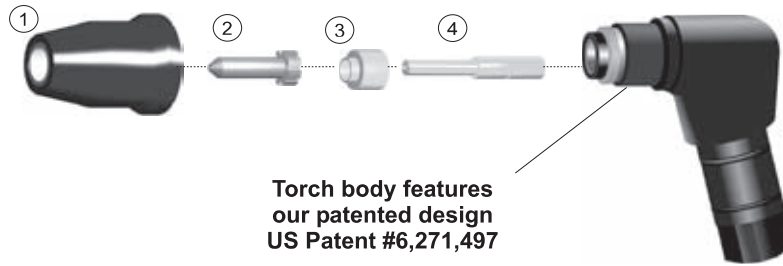
**Note: Torch and Lead Sets must originally be purchased together but may be replaced separately thereafter.**

Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	T-4317	Retaining Cap, 55A	1	NS	T-4252	Electrode Wrench	1
2.	T-4226	Nozzle Spring	5	NS	T-4258	Stand-Off Guide	1
3.	T-4316	55A Nozzle	5	NS	T-4338	Hand Torch w/ 25' Leads	1
4.	T-4234	Swirl Ring	1	NS	T-4339	Hand Torch w/ 50' Leads	1
5.	T-4315	Electrode, 55/60A	5	NS	T-4340	Lead Set, 25'	1
6.	T-4254	Cooling Tube	5	NS	T-4341	Lead Set, 50'	1
7.	T-4222	Hand Torch	1				

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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PCH-10 TORCH



Torch body features our patented design US Patent #6,271,497

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0272	9-6003	Shield Cup	1	4.	T-0103	9-6006	Electrode	10
2.	T-2307	9-6099	Tip, 12 Amp	1	5.	T-0267**	9-5807DURA	Hand DURA Torch 70°	1
3.	T-0269	9-6007	Gas Distributor	5		T-1075	9-5808	Hand Torch 90°	1

## PCH-25/38 TORCH

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0272	9-6003	Shield Cup	1		T-1332	9-6507	Gas Distributor, Long Life	5
NS	T-0273	9-6004	Shield Cup, Crown, *9-6003 Req	1	4.	T-0103	9-6006	Electrode, Air	10
2.	T-1334	9-4476	Tip, Cutting	10		T-1333	9-6506	Electrode, Air, Long Life	10
	T-1331	9-6501	Tip, Drag, Long Life	10	5.	T-0267**	9-5807 DURA	Hand Torch (70)	1
	T-2320	9-6093	Tip	10		T-1075	9-5808	Hand Torch (90)	1
3.	T-0269	9-6007	Gas Distributor	5					

## ACCESSORIES



## PCH-25/38 TORCH

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1079	9-5857*	Split Holder Kit (90)	1	NS	T-1902	2-0251	Torch 70° with Leads, 25'	1
	T-1617	9-6259*	Split Holder (70)	1	NS	T-2900	2-0252	Torch 90° with Leads, 12.5'	1
2.	T-0122	8-0533	O-Ring	10	NS	T-2901	2-0253	Torch 90° with Leads, 25'	1
3.	T-1040	9-5636-1	Handle with Switch	1	NS	T-0584	2-0380	Torch 70° with Leads, 12.5'	1
4.	T-1619	4-6067	Leads 12.5'	1	NS	T-0583	2-0381	Torch 70° with Leads, 25'	1
	T-1620	4-6068	Leads 25'	1	NS	T-0586	2-0382	Torch 90° with Leads, 12.5'	1
NS	T-1081	9-6103	Pip Wire Assy	1	NS	T-0585	2-0383	Torch 90° with Leads, 25'	1
NS	T-1901	2-0250	Torch, 70° with Leads, 12.5'	1					

### VERIFY POWER SUPPLY WHEN ORDERING

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

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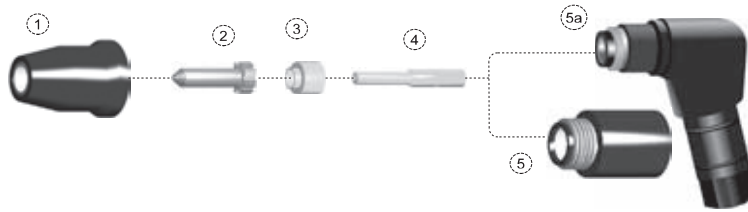
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# THERMAL DYNAMICS®

## PCH/M28, PCH-26



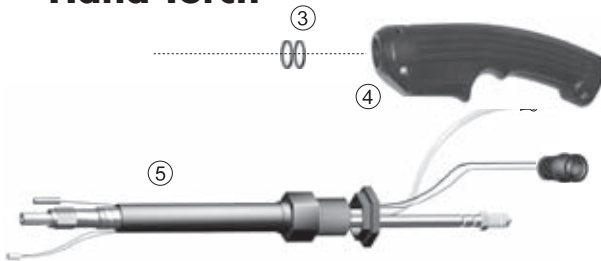
**Torch body features  
our patented design  
US Patent #6,271,497**

Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-0272	9-6003	Shield Cup	1	T-1331	9-6501		Tip, Drag, LongLife	10
	T-0273	9-6004	Shield Cup, Crown,*9-6003 req'd	1	3.	T-0269	9-6007	Gas Distributor	5
	T-1328	9-6503	Shield Cup, Long Life	1	T-1332	9-6507		Gas Distributor, Long Life	5
2.	T-0270	9-6000	Tip	10	4.	T-0103	9-6006	Electrode	10
	T-0271	9-6001	Tip, Drag	10	T-1333	9-6506		Electrode, Long Life	10
	T-1074	9-6002	Tip, Gouging	10	5.	T-0268	9-5809	Machine Torch	1
	T-2182	9-6502	Tip, Gouging, Long Life	10	5a.	T-0267**	9-5807DURA	Hand DURA-Torch 70°	1
	T-1329	9-6120	Tip, HD	10		T-1075	9-5808	Hand Torch 90°	1
	T-1330	9-6500	Tip, Stand Off, LongLife	10					

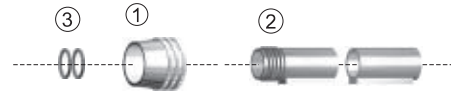
Note: PCH/M-28 uses only "LongLife" consumables.

## ACCESSORIES

### Hand Torch



### 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-2286	2-3511		Torch 70° with Leads 25'	1
2.	T-1077	7-3207*	Mounting Tube	1	NS T-2287	2-3500		Torch 90° with Leads 12.5'	1
3.	T-0122	8-0533	O-Ring	10	NS T-2288	2-3510		Torch 90° with Leads 25'	1
4.	T-1040	9-5636-1	Handle with switch	1	NS T-0734	2-5001		Torch 70° with Leads 25'	1
5.	T-2273	4-2895	Leads, Hand, 25'	1	NS T-0735	2-5002		Torch 70° with Leads 50'	1
	T-2274	4-2999	Leads, Hand, 50'	1	NS T-2892	2-5003		Torch 90° with Leads 25'	1
	T-2888	4-6071	Torch Leads, 12.5'	1	NS T-4551	2-5004		Torch 90° with Leads 50'	1
	T-0763	4-6072	Torch Leads, 25'	1	NS T-2275	4-2997		Leads, Machine, 25'	1
NS	T-0155	8-1322*	Retaining Sheath	1	NS T-2276	4-2998		Leads, Machine, 50'	1
NS	T-2285	2-3501	Torch 70° with Leads 12.5'	1	NS T-0160	7-2827 OEM		Pinion Assembly	1

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

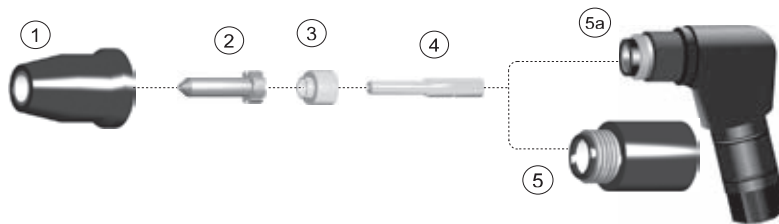
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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PCH/M-35, PCH/M-40



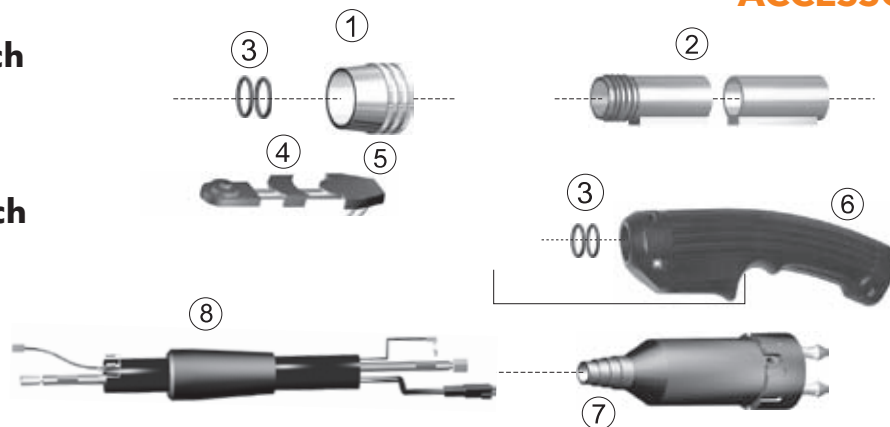
**Torch body features our patented design US Patent #6,271,497**

Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0272	9-6003	Shield Cup	1	T1331	9-6501		Tip, Drag, Long Life	10
	T-0273	9-6004	Shield Cup, Crown,*9-6003, Req'd	1	3.	T-0269	9-6007	Gas Distributor	5
	T-1328	9-6503	Shield Cup, Long Life	10	T-1332	9-6507		Gas Distributor, Long Life	5
2.	T-0270	9-6000	Tip	10	4.	T-0103	9-6006	Electrode	10
	T-1074	9-6001	Tip, Drag	10	T-1333	9-6506		Electrode, Long Life	10
	T-1329	9-6002	Tip, Gouging	10	5.	T-0268	9-5809	Machine Torch	1
	T-1330	9-6120	Tip, HD	10	5a.	T-1075	9-5808	Hand Torch 90°	1
	T-2182	9-6502	Tip Gouging, Long Life	10		T-0267**	9-5807DURA	Hand Dura Torch, 70°	1
	T-1331	9-6500	Tip, Stand Off, Long Life	10					

## ACCESSORIES

### Machine Torch

### Hand Torch



Item	Part No.	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0157	8-4018	Nut	1	T-1922	2-6053		Torch 70° with Leads, 25' & QD	1
2.	T-1077	7-3207	Mounting Tube	1	T-1923	2-6054		Torch 70° with Leads, 50' & QD	1
3.	T-0122	8-0533	O-Ring	1	T-1924	2-6055		Torch 90° with Leads, 12.5' & QD	1
4.	T-1623	8-4302 OEM	Switch Insert	1	T-1925	2-6056		Torch 90° with Leads, 12.5' & QD	1
5.	T-1624	8-4303 OEM	Switch Closure	1	NS T-1081	9-6103		PIP Wire Assy	1
6.	T-1040	9-5636-1	Handle with Switch	1	NS T-1625	8-4305 OEM		Handle	1
7.	T-1633	9-5836 OEM	Quick Disconnect	1	NS T-1634	4-6023		Leads with QD, 12.5'	1
8.	T-1926	2-6057	Torch 90° with Leads, 50' & QD	1	NS T-1635	4-6024		Leads with QD, 25'	1
	T-1921	2-6052	Torch 70° with Leads, 12.5' & QD	1	NS T-1636	4-6025		Leads with QD, 50'	1

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

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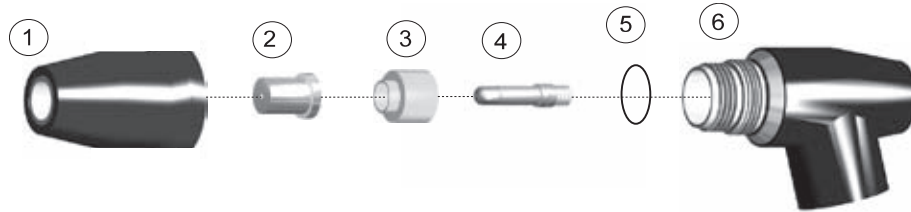
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# THERMAL DYNAMICS®

## PCH/M-75, PCH/M-76

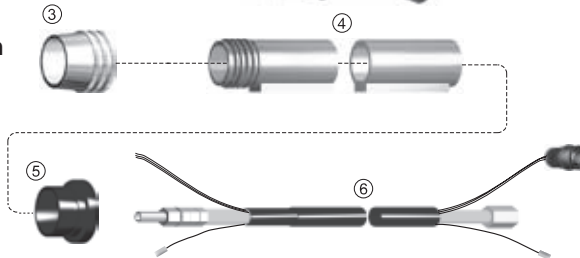


Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1609	8-7500	Shield Cap	1	T-1708	8-7506	Gouging Tip	5	
	T-1706	8-7507	Crown Shield Cup	1	3.	T-1611	8-7501	Gas Distributor	5
	T-3761	8-7499	Crown Shield, Copper	1	T-1709	8-7508	Gouging Gas Distributor	1	
	T-3487	8-7525 OEM	Shield Cap	1	4.	T-1612	8-7502	Electrode	10
2.	T-1610	8-7504	Tip, 55 Amp	5	5.	T-1615	8-0532	O-Ring	1
	T-2535	9-7726	Tip, 60 Amp	5	6.	T-1613	8-7510	Torch Body 70°	1
	T-2534	9-7728	Tip, 80 Amp	5	T-2308	8-7512	Torch Body, Machine	1	
	T-2126	8-7505	Tip, 70 Amp	5	NS T-2183	9-7501*	Coil Spring	1	
	T-1707	8-7503	Drag Tip, 35 Amp	5	NS T-1614	8-7511 OEM	Torch Body 90°	1	

### Hand Torch



### Machine Torch



## ACCESSORIES

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0155	8-1322	Retaining Sheath	1	NS T-2890	2-7501	75 Torch, 70° with 25' Leads	1	
2.	T-1040	9-5636-1	Handle with Switch	1	NS T-2891	2-7502	75 Torch, 70° with 50' Leads	1	
3.	T-0157	8-4018	Nut	1	NS T-2919	4-7611	25' Leads	1	
4.	T-0159	8-5005	Mounting Tube	1	NS T-2920	4-7612	50' Leads	1	
5.	T-0161	8-4204	Bushing	1	NS T-2898	2-0003	100XL Torch 90° w/25' Leads	1	
6.	T-1711	4-7500	Hand Leads, Unshielded, 25'	1	NS T-2899	2-0004	100XL Torch 90° w/50' Leads	1	
	T-1712	4-7501	Hand Leads, Unshielded, 50'	1	NS T-0874	9-5636 OEM	Handle	1	
	T-0759	4-0010	Hand Leads, 100XL, Unshielded, 25'	1	NS T-1710	9-7502	Switch	1	
NS	T-1713	4-7502	Machine Leads, Unshielded, 25'	1	NS T-0155	8-1322 OEM	Retaining Sheath	1	
NS	T-1714	4-7503	Machine Leads, Unshielded, 50'	1	NS T-0875	9-5637 OEM	Adapter	1	
NS	T-2896	2-0001	100XL Torch 70° with 25' Leads	1	NS T-0160	7-2827 OEM	Pinion Assembly	1	
NS	T-2897	2-0002	100XL Torch 70° with 50' Leads	1					

VERIFY POWER SUPPLY WHEN ORDERING LEADS

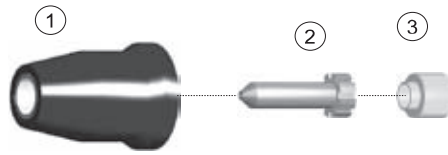
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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PCH-42



Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-0272	9-6003	Shield Cup	1		T-1331	9-6501	Drag Tip	10
	T-0273	9-6004	Shield Cup, Crown *9-6003 Req'd	1		T-2182	9-6502	Tip, Gouging	10
	T-1328	9-6503	Shield Cup, Long Life	1	3.	T-1332	9-6507	Gas Distributor	5
2.	T-1330	9-6500	Standoff Tip	10	NS	T-4640	9-6542 OEM	Electrode	5
	T-4637	9-6504 OEM	Drag Tip 20A	10					

## PCH-62

Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-2876	9-8400	Shield Cup	1		T-2938	9-8416	Gouging Tip	10
	T-2924	9-8415	Torch Standoff Guide	1	3.	T-2877	9-8401	Gas Distributor	1
2.	T-2880	9-8411	Tip	10	4.	T-2879	9-8407 OEM	Electrode	5
	T-3317	9-8412	Stand Off Tip	10		T-2878	9-8402 OEM	Electrode	5

## PCH-102

Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-1609	8-7500	Shield Cup	1		T-2534	9-7728	Tip 80 Amp	5
	T-2913	8-7496	Shield Cup, Copper	1		T-3533	9-8406	Tip 100 Amp	5
	T-2912	8-7525 OEM	Shield Cup	1		T-1708	8-7506	Gouging Tip	5
	T-1706	8-7507	Castle Shield Cap	1	3.	T-1611	8-7501	Gas Distributor	5
2.	T-1707	8-7503	Drag Tip	5		T-1709	8-7508	Gouging Gas Distributor	5
	T-2965	8-7514	Tip 50-60 Amp	5	4.	T-2879	9-8407 OEM	Electrode	5
	T-2535	9-7726	Tip 60 Amp	5		T-2878	9-8402 OEM	Electrode	5
	T-2126	8-7505	Tip 70 Amp	5					

## 1Torch®

Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
NS	T-10656	9-8215 OEM	Electrode ML	5	NS	T-10641	9-8205 OEM	Tip, 20A, Drag	5
NS	T-10666	9-8224 OEM	Ohmic Clip	1	NS	T-10642	9-8206 OEM	Tip, 30A, Drag	5
NS	T-10661	9-8218 OEM	Shield Cup	1	NS	T-10644	9-8208 OEM	Tip, 40A, Cutting	5
NS	T-10415	9-8237 OEM	Shield Cup Body ML	1	NS	T-10643	9-8207 OEM	Tip, 40A, Drag	5
NS	T-10666	9-8244 OEM	Shield Cup, Drag 40A	1	NS	T-10645	9-8209 OEM	Tip, 50/55A, Cutting	5
NS	T-10652	9-8235 OEM	Shield Cup, Drag 50/60A	1	NS	T-10660	9-8210 OEM	Tip, 60A, Cutting	5
NS	T-10653	9-8236 OEM	Shield Cup, Drag 70/100A	1	NS	T-10659	9-8231 OEM	Tip, 70A, Cutting	5
NS	T-10665	9-8245 OEM	Shield Cup, Machine, 40A	1	NS	T-10658	9-8211 OEM	Tip, 80A, Cutting	5
NS	T-10654	9-8238 OEM	Shield Cup, Machine, 50/60A	1	NS	T-10657	9-8212 OEM	Tip, 90/100A, Cutting	5
NS	T-10655	9-8239 OEM	Shield Cup, Machine, 70/100A	1	NS	T-10646	9-8225 OEM	Tip, A, Gouging	5
NS	T-10650	9-8243 OEM	Shield Cup, Machine, Deflector	1	NS	T-10647	9-8226 OEM	Tip, B, Gouging	5
NS	T-10651	9-8241 OEM	Shield Cup, Machine, Gouging	1	NS	T-10658	9-8227 OEM	Tip, C, Gouging	5
NS	T-10663	9-8213 OEM	Start Cartridge	1	NS	T-10649	9-8228 OEM	Tip, D, Gouging	5

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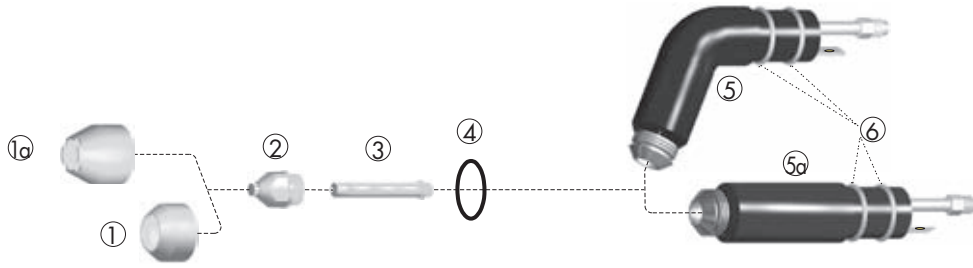
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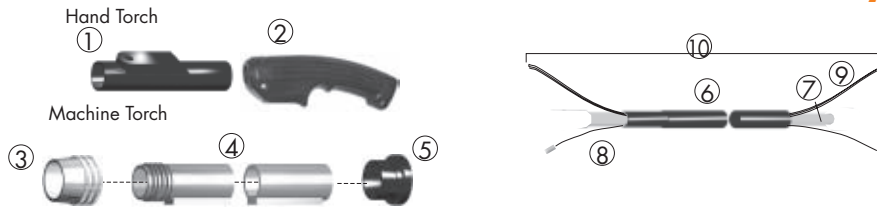
# THERMAL DYNAMICS®

## PCH/M-51 TORCH



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0143	9-5630	Shield Cup	10	T-0149	9-5724	Tip, .078, Gouging	10	
	T-0144	8-2152	Shield Cup, SR	2	3.	T-0150	9-5633	Electrode	10
	T-0145	8-2151	Shield Cup, SR, Long	1	4.	T-0151	8-5525	O-Ring	10
1a.	T-0146	8-5526	Crown Shield Cup	5	5.	T-0152	9-5635	TMT-51, Hand Torch	1
	T-0147	8-5526-1	Crown Shield Cup, SR	1	5a.	T-0156	9-5634	TMT-51, Machine Torch	1
2.	T-0148	9-5631	Tip, .043	10	6.	T-0122	8-0533	O-Ring	10

## ACCESSORIES



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0155	8-1322 OEM	Retaining Sheath	1	T-0857	4-2874	Machine Torch Leads, 12.5'	1	
2.	T-1040	9-5636-1	Handle with Switch	1	T-0858	4-5030	Hand Torch Leads, 25'	1	
3.	T-0157	8-4018	Nut	1	T-0859	4-5031	Hand Torch Leads, 50'	1	
4.	T-0159	8-5005	Mounting Tube	1	T-0860	4-5032	Machine Torch Leads, 25'	1	
5.	T-0161	8-4204	Bushing	1	T-0861	4-5033	Machine Torch Leads, 50'	1	
6.	T-0872	9-5515	Leads Slewing, 25'	1	NS T-0848	2-2860	Hand Torch with 25' Leads	1	
	T-0862	8-6095	Shielded Slewing, 25'	1	NS T-2893	2-2985	Hand Torch 70° with 25' leads	1	
	T-0863	8-6096	Shielded Slewing, 50'	1	NS T-0849	2-2861	Hand Torch with 50' Leads	1	
7.	T-0866	9-4273	Negative Lead, 25'	1	NS T-2894	2-2986	Hand Torch 70° with 50' leads	1	
	T-0867	9-4274	Negative Lead, 50'	1	NS T-0852	2-2864	Machine Torch with 25' Leads	1	
8.	T-0870	9-4279	Pilot Lead, 25'	1	NS T-0853	2-2865	Machine Torch with 50' Leads	1	
	T-0871	9-4280	Pilot Lead, 50'	1	NS T-0874	9-5636 OEM	Handle	1	
9.	T-0899	9-4276	Control Cable, 25'	1	NS T-0181	9-5522	Switch	1	
	T-0900	9-4277	Control Cable, 50'	1	NS T-0875	9-5637 OEM	Adapter	1	
10.	T-0856	4-2871	Hand Torch Leads, 12.5'	1	NS T-0160	7-2827 OEM	Pinion Assy	1	

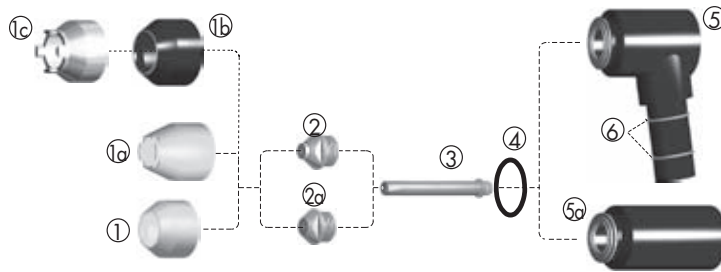
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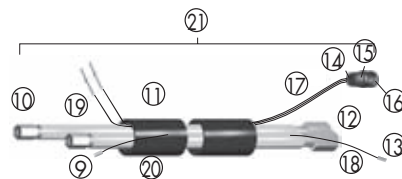
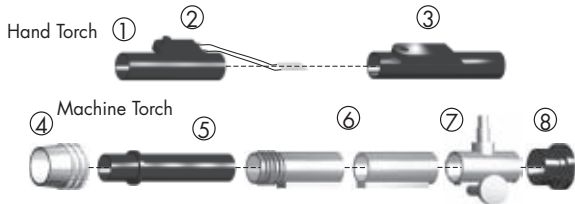
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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PCH/M-52 TORCH



Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-0166	9-5617	Shield Cup	10	T-0173	9-5702		Tip, .031, 35 Amp	10
	T-0167	9-5712	Drag Shield Cup, SR	1	2a.	T-0175	9-5709	Gouging Tip, 70 Amp	10
1a.	T-0168	9-5694	Crown Shield Cup	10	3.	T-0176	9-5619	Electrode, Air	10
	T-0169	9-5694-1	Crown Shield Cup, SR	1		T-1021	8-3331	Electrode, Air Plated	10
1b.	T-0186	9-5781	Shield Cup, Long, SR	1		T-0177	9-5711	Electrode, Nitrogen (Dual gas)	10
1c.	T-0188	9-5780	Shield Cup, Metal	1	4.	T-0151	8-5525	O-Ring	10
2.	T-0170	9-5708	Tip, .059, 100 Amp	10	5.	T-0178	9-5642	TMT-52, Hand Torch	1
	T-0187	9-5782	Tip, .052, 80 Amp	10	5a.	T-0179	9-5643	TMT-52, Machine Torch	1
	T-0171	9-5707	Tip, .047, 70 Amp	10	NS	T-0185	8-5130*	Heat Shield	1
	T-0172	9-5618	Tip, .043, 45 Amp	10	NS	T-0189	8-4007	Tip Wrench	1



## ACCESSORIES

Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-0180	9-5644 OEM	Handle	1	14.	T-1067	9-3295	Cable Clamp	1
2.	T-0181	9-5522	Switch	1	15.	T-0894	9-3294	Plug	1
3.	T-0182	8-4216 OEM	Retaining Sheath	1	16.	T-0865	9-3296	Pin	1
4.	T-0157	8-4018	Nut	1	17.	T-0900	9-4277	Control Cable, 50'	1
5.	T-0183	9-1901*	Adapter	1	18.	T-0870	9-4279	Pilot Lead, 25'	1
6.	T-0159	8-5005	Mounting Tube	1		T-0871	9-4280	Pilot Lead, 50'	1
7.	T-0160	7-2827 OEM	Pinion Assembly	1		T-0907	9-5665	Plasma Lead, 50'	1
8.	T-0161	8-4204	Bushing	1		T-0904	9-5663	Negative Lead, 50'	1
9.	T-0914	8-4190	Fitting (L), Torch End	1	21.	T-0876	4-5034	Hand Torch Leads, 25'	1
	T-0976	8-5085	Ferrule	1		T-0877	4-5035	Hand Torch Leads, 50'	1
	T-0889	8-5013	Ferrule	1		T-0878	4-5036	Machine Torch Leads, 25'	1
11.	T-0862	8-6095	Shielded Sleeving, 25'	1		T-0879	4-5037	Machine Torch Leads, 50'	1
	T-0863	8-6096	Shielded Sleeving, 50'	1		T-0881	4-5044	Shielded Leads, 50'	1
	T-0896	9-3035	Leads Sleeving, 50'	1	NS	T-1374	2-2936	TMT-52 70° With 25' Leads	1
	T-0887	8-1498	Leads Sleeving, 25'	1	NS	T-1375	2-2937	TMT-52 70° With 50' Leads	1
13.	T-0924	8-7033	Fitting (L), Console End	1	NS	T-1376	2-2938	TMT-52 Mach With 25' Leads	1
	T-0892	8-5518	Nut, Console End	1	NS	T-1377	2-2939	TMT-52 Mach With 50' Leads	1

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# 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	9.	T-0221	8-6587	Gas Distributor, 6B, 4 Holes, Rev. Swirl	1
2.	T-0232	8-6514	Insulator, End Piece	10		T-0220	8-6569	Gas Distributor, 6B, 4 Holes	1
3.	T-0231	8-6581	Outer Insulator	1	10.	T-0219	8-6615	Electrode Holder	1
4.	T-0230	8-6512	Gasket, Outer Insulator	5	11.	T-0108	8-0531	O-Ring	1
5.	T-0229	8-6572	Tip, .125, 400 A	5	12.	T-0217	8-6577	6B Machine Torch	1
	T-0228	8-6582	Tip, .113, 300 A	5		T-1423	8-6583	6B Hand Torch 70°	1
	T-0227	8-6575	Tip, .093, 200 A	5		T-0216	8-6584	6B Hand Torch 90°	1
	T-0226	8-6648	Tip, .076, 150 A	5	NS	T-0159	8-5005	Positioning tube	1
	T-0225	8-6580	Tip, .067, 100 A	5	NS	T-0236	8-6517 OEM	Liner/Tip Wrench	1
6.	T-0224	8-6586	Electrode, N <sub>2</sub> , Low Amp	10	NS	T-0161	8-4204	Bushing	1
7.	T-0223	8-6578	Electrode, N <sub>2</sub> , Gen. Purpose	10	NS	T-0235	8-6573	Electrode Wrench	1
8.	T-0222	8-6571	Liner Assy	10	NS	T-0234	8-6574	Wrench, Electrode Holder	1

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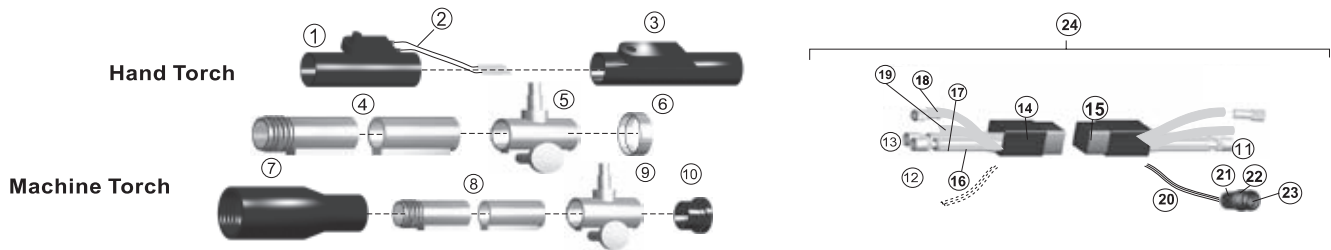
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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PCH/M-6B ACCESSORIES



Item	Part No	Ref. No.	Description	Std. Pkg	Item	Part No.	Ref. No	Description	Std. Pkg.
1.	T-0977	8-6519 OEM	Handle	1	T-0987	9-2867		Plasma (Black) Hose, 50'	1
2.	T-0946	8-4219	Switch	1	20.	T-1071	8-0002	Control Cable, 25'	1
3.	T-0945	8-4217 OEM	Switch Sheath	1		T-1072	8-0003	Control Cable, 50'	1
4.	T-0978	8-6521 OEM	Mounting Tube, 2 1/4" Dia	1	21.	T-1067	9-3295	Cable Clamp	1
5.	T-0936	7-2828 OEM	Pinion Assy, 2 1/4" Dia	1	22.	T-0864	9-3294	Plug	1
6.	T-0979	8-6522 OEM	Bushing	1	23.	T-0865	9-3296	Pin	1
7.	T-0980	8-6566 OEM	Adaptor, 1 3/8" Dia	1	24.	T-0932	4-2797	Hand Leads, 25'	1
8.	T-0159	8-5005	Mounting Tube, 1 3/8" Dia	1		T-0933	4-2799	Hand Leads, 50'	1
9.	T-0160	7-2827 OEM	Pinion Assy, 1 3/8" Dia	1		T-0934	4-2725	Machine Leads, 25'	1
10.	T-0161	8-4204	Bushing	1		T-0395	4-2726	Machine Leads, 50'	1
11.	T-0924	8-7033	Fitting, Console End (+, -)	1	NS	T-0981	8-6614 OEM	Heat Shield, Machine	5
12.	T-0983	8-7031	Fitting, Torch End (+)	1	NS	T-0982	8-7042 OEM	Heat Shield, Hand	1
	T-0976	8-5085	Ferrule	5	NS	T-2902	2-2744	Hand Torch 70° w/ 25' Leads	1
13.	T-0944	8-4190	Fitting, Torch End (-)	1	NS	T-2903	2-2747	Hand Torch 70° w/ 50' Leads	1
14.	T-0912	8-1205	Shrink-on, Tubing	1	NS	T-2981	2-2789	Hand Torch 70° w/ 50' Leads	1
15.	T-0940	8-1000	Leads Sleeve, 25'	1	NS	T-3404	2-2791	Hand Torch 90° w/ 50' Leads	1
	T-0985	8-7051	Leads Sleeve, 50'	1	NS	T-1907	2-2745	Hand Torch 90° w/ 25' Leads	1
16.	T-0990	9-2950	Negative (Green) Lead, 25'	1	NS	T-1905	2-2748	Hand Torch 90° w/ 50' Leads	1
	T-0991	9-2951	Negative (Green) Lead, 50'	1	NS	T-1906	2-2749	Machine Torch w/ 50' Leads	1
17.	T-0988	9-2948	Positive (Blue) Lead, 25'	1	NS	T-1908	2-2792	Machine Torch w/ Leads 25'	1
	T-0989	9-2949	Positive (Blue) Lead, 50'	1	NS	T-1909	2-2793	Machine Torch w/ Leads 50'	1
18.	T-0941	8-1009	Secondary (Yellow) Lead, 25'	1	NS	T-4033	2-2741	Machine Torch w/ Parts & Mounting Tube	1
	T-0942	8-1056	Secondary (Yellow) Lead, 50'	1	NS	T-2121	8-6564 OEM	Switch Sheath	1
19.	T-0986	9-2866	Plasma (Black) Hose, 25'	1					

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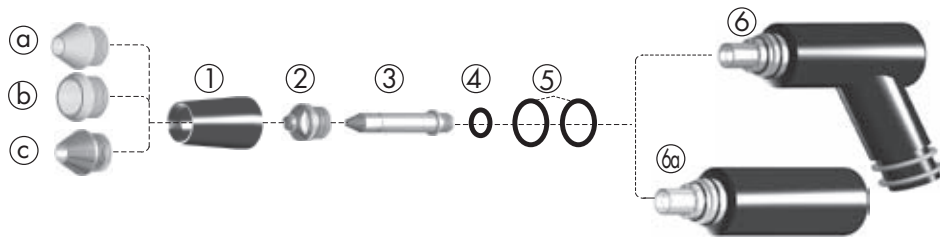
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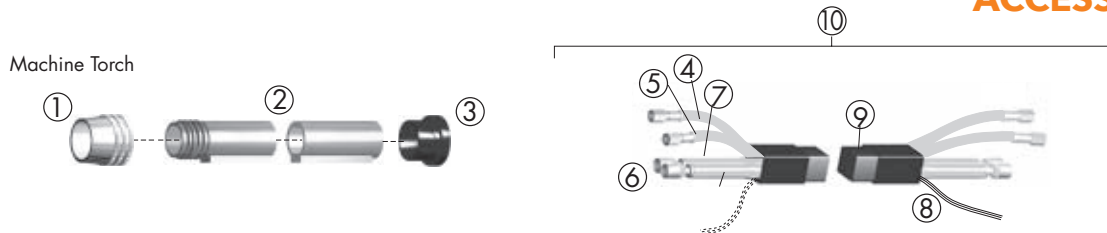
# THERMAL DYNAMICS®

## PCH/M-150 TORCH



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-0247	9-5767	Tip, .067 Nit 150 Amp	5	
1a.	T-0237	9-5750	Shield Cup	1	T-0248	9-5766	Tip, .052 Nit 100 Amp	5	
	T-1032	9-5750-1	Ceramic Taper Piece	1	3.	T-0253	9-5749	Electrode, Air	5
1b.	T-0238	9-5758	Shield Cup, Tip Exp.	1	T-0254	9-5754	Electrode, Nit, AR/H	5	
1c.	T-0239	9-5790	Shield Cup, Metal	1	T-0255	9-5760	Electrode, Oxy	5	
	T-2176	9-5790-1	Metal Front Piece	1	4.	T-0263	8-0537	O-Ring, Small	10
2.	T-0241	9-5746	Tip, .070 Air 150 Amp	5	5.	T-0264	8-0540	O-Ring, Large	10
	T-0242	9-5747	Tip, .055 Air 100 Amp	5	6.	T-0256	9-5743	TMT-150 Hand Torch, 70°	1
	T-0243	9-5748	Tip, .043 Air 50 Amp	5	T-2171	9-5744	TMT-150 Hand Torch, 90°	1	
	T-0244	9-5751	Tip, .070 Oxy 150 Amp	5	6a.	T-0257	9-5745	TMT-150 Machine Torch	1
	T-0245	9-5752	Tip, .052 Oxy 100 Amp	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 Slewing, 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
	T-0970	8-6140	Negative Lead, 50'	1	NS	T-0958	2-2978	Hand Torch 90° with 25' Leads	1
7.	T-0971	8-6305	Coolant Return Hose, 25'	1	NS	T-0953	2-2983	Hand Torch 70° with 50' Leads	1
	T-0972	8-6306	Coolant Return Hose, 50'	1	NS	T-0959	2-2979	Hand Torch 90° with 50' Leads	1
8.	T-0967	8-5567	Control Cable, 25'	1	T-0973	9-1063 OEM	Handle	1	
	T-0968	8-5568	Control Cable, 50'	1	T-0259	9-1246	Switch	1	
9.	T-0940	8-1000	Leads Slewing, 25'	1	T-0260	9-1064 OEM	Retaining Sheath	1	
	T-0960	8-1058	Leads Slewing, 50'	1					

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# 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	6.	T-4913	20-1018-AG	Electrode, Air 50-225A/O <sub>2</sub> , 300A, SilverEX®	5	
	T-2289	20-1004	Shield Cup, 100-225A	1		T-4914	20-1021-AG	Electrode, Air, 300A, SilverEX®	5	
	T-10708	20-1004 OEM	Shield Cup, 100-225A	1		7.	T-2300	20-1023	Electrode, N <sub>2</sub> , 50-300A	5
	T-2290	20-1005	Shield Cup, 300A	1			8.	T-2301	20-0008	Gas Distributor, 50-225A
2.	T-2292	20-1002	Standard Shield Cup Body	1	T-2302	20-1009		Gas Distributor, 300A	1	
	3.	T-8981	20-1030	Tip, 50A (0.043")	5	9.	T-1693	9-6410	Torch Body	1
T-2303		20-1031	Tip, 100A (0.055")	1	NS T0261		8-2158	Adaptor	1	
T-2304		20-1032	Tip, 150A (0.073")	5	NS T-1077		7-3207	Mounting Tube	1	
T-2305		20-1033	Tip, 225A (0.083")	5	NS T0160		7-2827 OEM	Pinion Assembly	1	
T-2306		20-1034	Tip, 300A (0.109")	5	NS T0161		8-4204	Bushing	1	
4.	T-10702	20-1017	Electrode, O <sub>2</sub> , 225A	5	NS T-4505	20-1028 OEM	End Cap	1		
	T-10264	20-1018-UR	Electrode, Air, O <sub>2</sub> , 50-225A	5	NS T-4539	20-1029 OEM	Retaining Cap, Underwater	1		
5.	T-10441	20-1021-UR	Electrode, Air, 300A	5	NS T-3719	4-6092	Lead Set, 25'	1		
	T-10293**	20-1015-UR	Electrode O <sub>2</sub> , 50-100A	5	NS T-3923	4-6093	Lead Set, 50'	1		
	T-10440**	20-1016-UR	Electrode, O <sub>2</sub> , 150A	5	NS T-3534	4-6091	Leads, Unshielded, 50'	1		
	T-10265**	20-1010-UR	Electrode, Air/O <sub>2</sub> , 100-225A	5	NS T-2291	20-1006 OEM	Shield Cup, Underwater	1		

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

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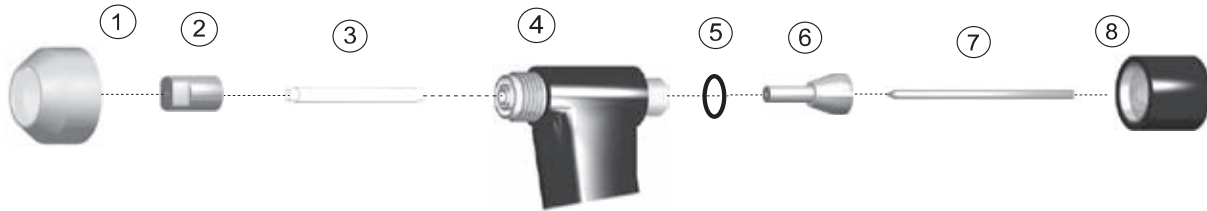
# THERMAL DYNAMICS®

## 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	5.	T-1693	9-6410	Torch Body	1
	T-3810	20-1226 OEM	Crown Cup	1	NS	T-3810	20-1226 OEM	Crown Cup	1
	T-4001	20-1227 OEM	Shield Cup, Gouging	1		T-4114	20-1415	Tip, Gouging	1
2.	T-0577	20-1222	Tip, .063, 120 Amp	5		T-3719	4-6092	Hand Leads, 25'	1
	T-0570	20-1221	Tip, .047, 70 Amp	5		T-3923	4-6093	Hand Leads, 50'	1
	T-0582	20-1220	Tip, .031, 35 Amp	5			4-6090	Machine Leads, 25'	1
3.	T-0569	20-1215	Gas Distributor	1		T-3534	4-6091	Machine Leads, 50'	1
4.	T-10263	20-1210-UR	Electrode	1					

## 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-1492	8-2027	Torch Head, 70°	1
	T-0776	8-3236 OEM	Shield Cup, Ext.	10		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-1484	8-2024	Tip, .062, 55A	10	5.	T-1494	8-2035	O-Ring	10
	T-1485	8-2025	Tip, .081, 75A	10	6.	T-1495	8-2039	Collet	1
	T-1486	8-2079	Tip, Long, .031	10		T-0766	8-2041	Collet (.040)	1
	T-1487	8-2080	Tip, Long, .046	10	7.	T-1496	8-2033	Electrode	5
	T-1488	8-2082	Tip, Long, .062	10		T-0768	8-2044	Electrode (.040), Std.	10
	T-1489	8-2083	Tip, Long, .081	10		T-0769	8-2006 OEM	Electrode, Ext. (.093)	10
3.	T-1490	8-2040	Gas Distributor	1	8.	T-1497	8-2032	Back Cap	1
	T-0770	8-2042	Gas Distributor (.040)	1		T-0765	8-2030	Back Cap, Extended	1
4.	T-1491	8-2036	Gasket	5					

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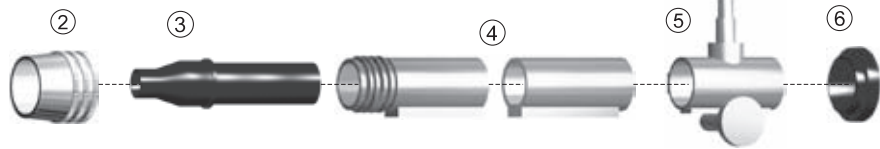
# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PWH/M 2A WELDING TORCH - ACCESSORIES

### Hand Torch



### Machine Torch



### Common Lead Set Components

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1524	8-2026 OEM	Handle	1	NS T-8089	8-2021		Wrench/Gauge	1
2.	T-0157	8-4018	Nut	1	NS T-1535	8-1495		Positive Lead, Red 25'	1
3.	T-1525	8-2063 OEM	Sleeve	1	NS T-1536	8-1074		Plasma Hose 12 1/2'	1
4.	T-0159	8-5005	Mounting Tube	1	NS T-1537	8-1496		Plasma Hose 25'	1
5.	T-0160	7-2827 OEM	Pinion Assembly	1	NS T-1520	8-1075		Shield Hose 12 1/2'	1
6.	T-0161	8-4204	Bushing	1	NS T-1521	8-1497		Shield Hose 25'	1
NS T-1532	9-2105		Negative Lead, Green, 12-1/2'	1	NS T-1446	8-3138		Sleeving 12 1/2'	1
NS T-1533	8-1494		Negative Lead, Green, 25'	1	NS T-1447	8-3139		Sleeving 25'	1
NS T-1534	9-2107		Positive Lead, Red 12-1/2'	1					

### Torch / Lead Sets with Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS T-4106	2-2100		Hand Torch 70° w/ 12.5' Leads & QD	1	NS T-4887	2-2102		Hand Torch 180° w/ 12.5' Leads & QD	1
NS T-4888	2-2104		Hand Torch 70° w/ 25' Leads & QD	1	NS T-4891	2-2106		Hand Torch 180° w/ 25' Leads & QD	1
NS T-4899	2-2101		Hand Torch 90° w/ 12.5' Leads & QD	1	NS T-4884	2-2103		Machine Torch 180° w/ 12.5' Leads & QD	1
NS T-4890	2-2105		Hand Torch 90° w/ 25' Leads & QD	1	NS T-4892	2-2107		Machine Torch 180° w/ 25' Leads & QD	1

### Torch / Lead Sets without Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS T-1528	2-2443		Hand Torch 70° with 12.5' Leads	1	NS T-4872	2-2108		Hand Torch 180° w/ 25' Leads	1
NS T-1529	2-2505		Hand Torch 70° with 25' Leads	1	NS T-1530	2-2480		Machine Torch W/ 12.5' Leads	1
NS T-4870	2-2504		Hand Torch, 70° w/ 25' Leads	1	NS T-0774	2-2840		Machine Torch w/12.5' Leads	1
NS T-0772	2-2444		Hand Torch 90° w/ Leads 12.5'	1	NS T-1531	2-2594		Machine Torch w/ Leads 25'	1
NS T-0775	2-2506		Hand Torch 90° w/ 25' Leads	1	NS T-1526	4-2539		Leads 12.5'	1
NS T-4871	2-3002		Hand Torch 180° w/ 12.5' Leads	1	NS T-1527	4-2585		Leads 25'	1

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# 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	7.	T-1519	8-3057	Gasket - Shield Cup	10
	T-1911	8-3038 OEM	Shield Cup w/o Gas Lens	1	8.	T-1500	8-3032	Torch Head (180° offset)	1
2.	T-1506	8-3052	Tip, .014, 10A - Std.	10		T-1499	8-3030	Torch Head 70°	1
	T-1508	9-1782	Tip, .031, 30A - Std.	10		T-1036	8-3031	Torch Head 90°	1
	T-1509	9-1783	Tip, .046, 50A - Std.	10	9.	T-1027	8-0527	O-Ring Electrode Cap	10
	T-1510	9-1784	Tip, .062, 75A - Std.	10	10.	T-1502	9-1780	Collet	1
	T-1511	9-1785	Tip, .081, 100A - Std.	10	11.	T-1504	9-1779	Electrode Cap - Standard	1
	T-1512	9-1795	Tip, .093, 150A - Std.	10	12.	T-0777	9-1803	Electrode Cap - Extended	1
3.	T-1513	9-1788	Tip Long, .031, 10A - Ext.	10	NS		9-1757	PWH Handle	1
	T-1514	9-1789	Tip Long, .046, 20A - Ext.	10	NS		9-1778 OEM	Sleeve	1
	T-1515	9-1790	Tip Long, .062, 55A - Ext.	10	NS		8-4018	Nut	1
	T-1516	9-1791	Tip Long, .081, 75A - Ext.	10	NS		9-1901	Adaptor	1
	T-1517	9-1811	Tip Long, .093, 85A - Ext.	10	NS		8-5005	Positioning Tube	1
4.	T-1518	9-2240	Gas Distributor Insulating Sleeve	1	NS		8-4204	End Cap	1
5.	T-1503	9-1747	Electrode	5	NS		9-1810	Gage/Wrench	1
6.	T-1498	8-3059	Gas Diffuser	1					

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# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PWH/M 3A WELDING TORCH - ACCESSORIES

### Hand Torch



### Machine Torch



### Common Lead Set Components

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1464	9-1757 OEM	Handle	1	NS T-1474	8-3029		Positive Lead 12-1/2'	1
2.	T-1465	9-1778 OEM	Sleeve	1	NS T-1475	8-1500		Positive Lead 25'	1
3.	T-0157	8-4018	Nut	1	NS T-1536	8-1074		Plasma Hose 12-1/2'	1
4.	T-0183	9-1901 OEM	Adapter	1	NS T-1537	8-1496		Plasma Hose 25'	1
5.	T-0159	8-5005	Mounting Tube	1	NS T-1520	8-1075		Shield Hose 12-1/2'	1
6.	T-0160	7-2827 OEM	Pinion Assembly	1	NS T-1521	8-1497		Shield Hose 25'	1
7.	T-0161	8-4204	Bushing	1	NS T-1446	8-3138		Sleeving 12-1/2'	1
NS	T-1472	8-3028	Negative Lead 12-1/2'	1	NS T-1447	8-3139		Sleeving 25'	1
NS	T-1473	8-1499	Negative Lead 25'	1	NS T-1810	9-1810		Wrench/ Gage	1

### Torch / Lead Sets with Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-4885	2-2110	Torch 70° W/12 1/2' Leads & QD	1	NS	T-4031	2-2112	Hand Torch 180° w/ 12.5' Leads & QD	1
NS	T-4886	2-2114	Hand Torch 70° w/25' Leads & QD	1	NS	T-4170	2-2116	Hand Torch 180° w/ 25' Leads & QD	1
NS	T-4181	2-2111	Hand Torch 90° w/ 12.5' Leads & QD	1	NS	T-4893	2-2113	Machine Torch 180° w/ 12.5' Leads & QD	1
NS	T-4013	2-2115	Hand Torch 90° w/ 25' Leads & QD	1	NS	T-3925	2-2117	Machine Torch w/ 25' Leads & QD	1

### Torch / Lead Sets without Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-1466	4-2615	Leads 12 1/2'	1	NS	T-2953	2-2623	Hand Torch 90° w/ 25' Leads	1
NS	T-1467	4-2624	Leads 25'	1	NS	T-2868	2-2616	Hand Torch 180° w/ 12.5' Leads	1
NS	T-1468	2-2527	Torch 70° W/12 1/2' Leads	1	NS	T-4874	2-2621	Hand Torch 180° w/ 25' Leads	1
NS	T-1469	2-2599	Torch 70° W/25' Leads	1	NS	T-1470	2-2531	Machine Torch W/12 1/2' Leads	1
NS	T-4873	2-2529	Hand Torch 90° w/ 12.5' Leads	1	NS	T-1471	2-2624	Machine Torch W/25' Leads	1

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# 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	10.	T-1460	8-4014	Torch Head 70°	1
	T-12352	8-4064 OEM	Shield Cup with Lens	5		T-1303	8-4016	Torch Head 180° offset	1
2.	T-1451	9-1847	Tip, (.062), 100 A - Std.	10		T-0075	8-4015	Torch Head 90°	1
	T-1452	9-1848	Tip, (.093), 125 A - Std.	10		T-1461	8-4054	Torch Head 180° inline	1
	T-1453	9-1849	Tip, (.125), 250 A - Std.	10	11.	T-1463	9-1876	Collet	1
3.	T-1020	9-1890	Tip, (.062), 100 A - Ext.	10	12.	T-0191	8-4158	Electrode Cap Standard	1
	T-2145	9-1891	Tip, (.093), 125 A - Ext.	10		T-2144	9-1877	Electrode Cap Extended	1
	T-2355	9-1892	Tip, (.125), 250 A - Ext.	10	NS	T-2146	9-2204	Gas Distributor	1
4.	T-1454	9-1827	Electrode (.187) - Std.	5	NS	T-1456	8-0560	O-Ring	1
	T-2134	9-1834	Electrode (.187) - Ext.	5	NS	T-1457	8-0528	O-Ring	1
5.	T-2105	8-4011	Liner (without Gas Distributor)	1	NS	T-0114	8-0530	O-Ring Electrode Cap	1
6.	T-1455**	8-4012-UR	Liner (Gas Distributor included)	1	NS	T-0157	8-4018	Nut	1
7.	T-1458	8-4024	Collar	1	NS	T-0183	9-1901	Adaptor	1
8.	T-1459	8-4040	Shield Gas Diffuser - Threaded	1	NS	T-0159	8-5005	Positioning Tube	1
9.	T-0197	8-4069	Gasket - Shield Cup	5	NS	T-0161	8-4204	End Cap	1

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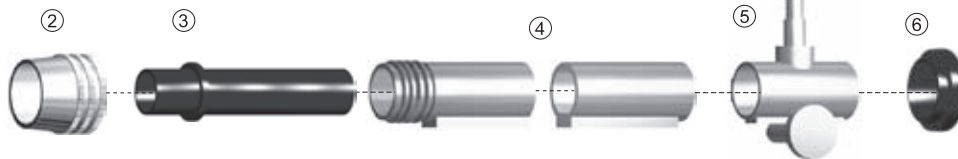
# REPLACEMENT PARTS SUITABLE FOR THERMAL DYNAMICS®

## PWH/M 4A WELDING TORCH - ACCESSORIES

### Hand Torch



### Machine Torch



#### Common Lead Set Components

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-0760	9-5914 OEM	Handle	1	NS T-1442	8-0142	Plasma Hose 12.5'	1	
2.	T-0157	8-4018	Nut	1	NS T-1443	8-1505	Plasma Hose 25'	1	
3.	T-0183	9-1901 OEM	Adapter	1	NS T-1444	9-3086	Shield Hose 12.5'	1	
4.	T-0159	8-5005	Mounting Tube	1	NS T-1445	9-3088	Shield Hose 25'	1	
5.	T-0160	7-2827 OEM	Pinion Assembly	1	NS T-1446	8-3138	Sleeving 12.5'	1	
6.	T-0161	8-4204	Bushing	1	NS T-1447	8-3139	Sleeving 25'	1	
NS	T-1438	9-2079	Negative Lead 12.5'	1	NS T-0811	9-1873	Wrench / Gage	1	
NS	T-1439	8-1398	Negative Lead 25'	1	NS T-1432	4-2525	Leads 12.5'	1	
NS	T-1440	9-2081	Positive Lead 12.5'	1	NS T-1433	4-2544	Leads, 25'	1	
NS	T-1441	8-1399	Positive Lead 25'	1					

#### Torch / Lead Sets with Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-4092	2-2120	Hand Torch 70° w/ 12.5' Leads & QD	1	NS	T-4897	2-2122	Machine Torch 180° w/ 12.5' Leads & QD	1
NS	T-4562	2-2125	Hand Torch 70° w/ 25' Leads & QD	1	NS	T-4896	2-2128	Machine Torch 180° w/ 25' Leads & QD	1
NS	T-4880	2-2119	Hand Torch 90° w/ 12.5' Leads & QD	1	NS	T-4894	2-2123	Hand Torch 180° w/ 12.5' Leads & QD	1
NS	T-4887	2-2126	Hand Torch 90° w/ 25' Leads & QD	1	NS	T-4899	2-2129	Hand Torch 180° w/ 25' Leads & QD	1
NS	T-4898	2-2121	Hand Torch 180° w/ 12.5' Leads & QD	1	NS	T-4882	2-2124	Machine Torch 180° w/ 12.5' Leads & QD	1
NS	T-4895	2-2127	Hand Torch 180° w/ 25' Leads & QD	1	NS	T-4883	2-2130	Machine Torch 180° w/ 25' Leads & QD	1
NS	KT-1377	2-2829	Hand Torch 180° w/ 25' Leads & QD	1					

#### Torch / Lead Sets without Quick Disconnect (QD)

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
NS	T-1434	2-2821	Hand Torch 70° w/ 12.5' Leads	1	NS	T-1437	2-2592	Machine Torch 180° Offset w/ 25' Leads	1
NS	T-1435	2-2820	Hand Torch 70° w/ 25' Leads	1	NS	T-4878	2-2850	Hand Torch 180° w/ 12.5' Leads	1
NS	T-4875	2-2819	Hand Torch 90° w/ 12.5' Leads	1	NS	T-4531	2-2851	Hand Torch 180° w/ 25' Leads	1
NS	T-2917	2-2818	Hand Torch 90° w/ 25' Leads	1	NS	T-2869	2-2803	Machine Torch 180° Inline w/ 12.5' Leads	1
NS	T-1436	2-2482	Machine Torch 180° Offset w/ 12.5' Leads	1	NS	T-3869	2-2804	Machine Torch 180° Inline w/ 25' Leads	1

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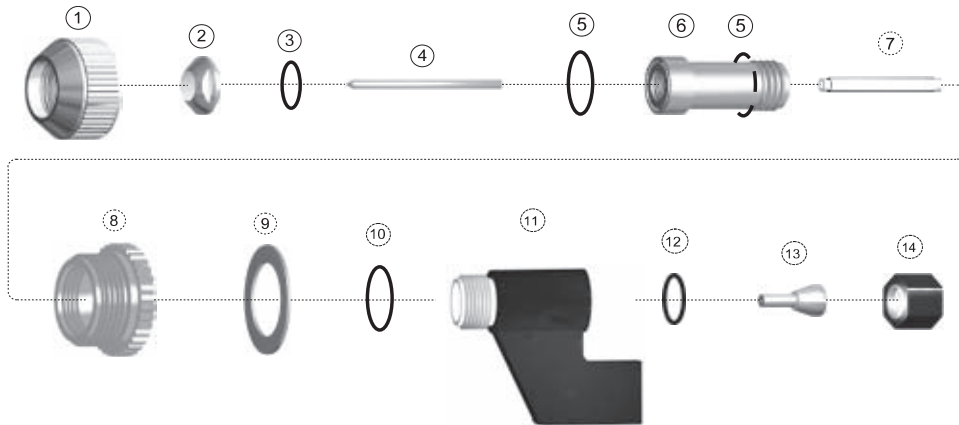
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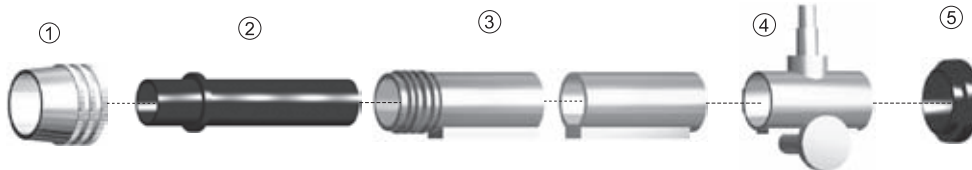
# THERMAL DYNAMICS®

## 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 T-1441	8-1399	Positive Torch Lead, 25 ft.	1	
2.	T-0183	9-1901 OEM	Adapter	1	NS T-1442	8-0142	Plasma Gas Hose, 12.5 ft.	1	
3.	T-0159	8-5005	Mounting Tube	1	NS T-1443	8-1505	Plasma Gas Hose, 25 ft.	1	
4.	T-0160	7-2827 OEM	Pinion Assembly	1	NS T-1444	9-3086	Shield Gas Hose, 12.5 ft.	1	
5.	T-0161	8-4204	Bushing	1	NS T-1445	9-3088	Shield Gas Hose, 25 ft.	1	
NS	T-1432	4-2525	Torch Leads, 12.5 ft.	1	NS T-0236	8-6517 OEM	Wrench	1	
NS	T-1433	4-2544	Torch Leads, 25 ft.	1	NS T-2866	2-2845	PMW300 with 12.5' Leads	1	
NS	T-1438	9-2079	Negative Torch Lead, 12.5 ft.	1	NS T-2867	2-2846	PMW300 with 25' Leads	1	
NS	T-1439	8-1398	Negative Torch Lead, 25 ft.	1	NS T-2865	5-2990	Quick Disconnect	1	
NS	T-1440	9-2081	Positive Torch Lead, 12.5 ft.	1					

Last update of this page: 23/03/2015. See Revision history for details.

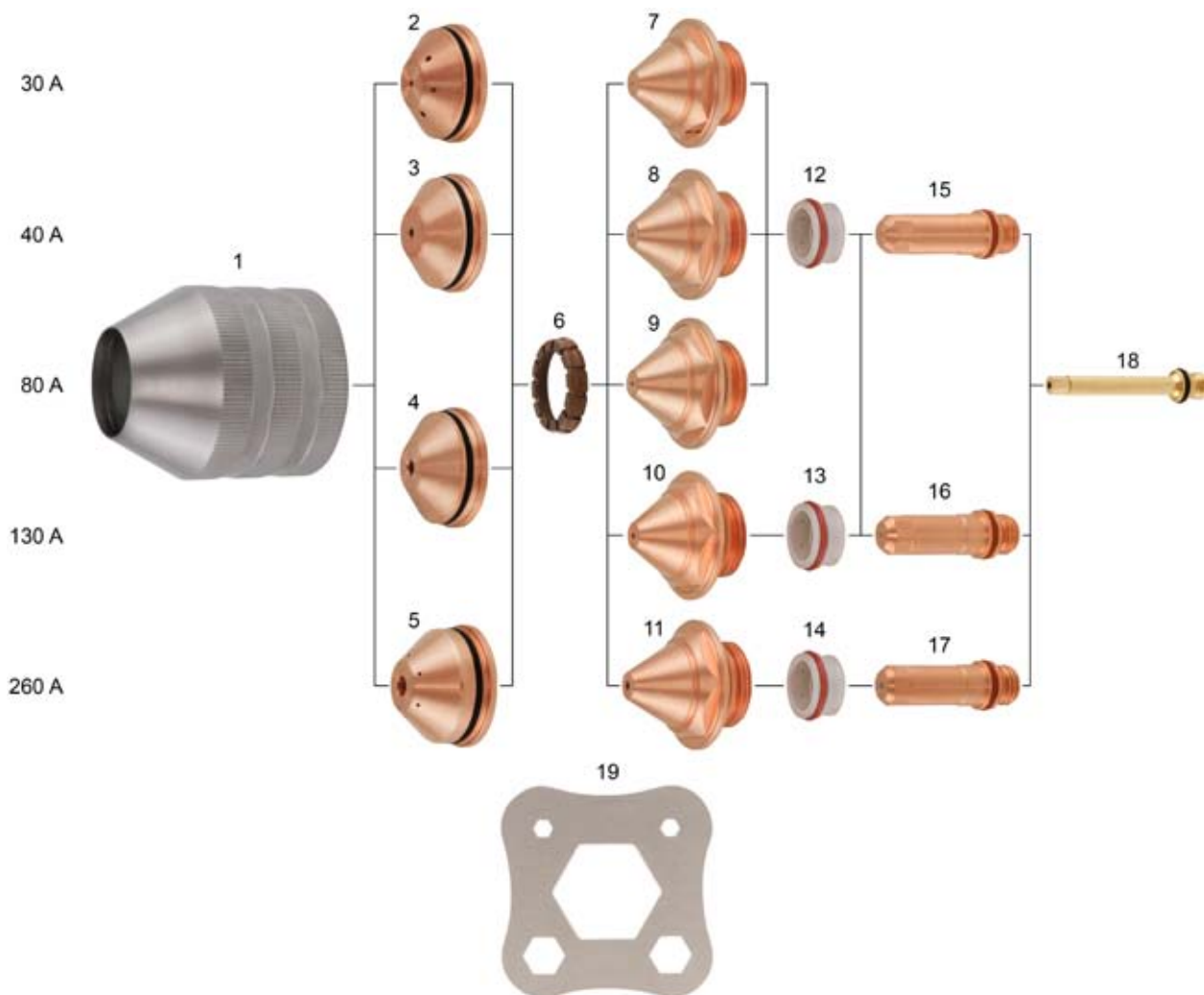
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# REPLACEMENT PARTS SUITABLE FOR AJAN®

## HP260A™ mild steel



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	1	*12.	T-11338	SW1-UR	Swirl Ring 30–80A	1
3.	T-11335	S2	Shield 40A	1	*13.	T-11339	SW2-UR	Swirl Ring 130A	1
4.	T-11336	S3	Shield 80/130A	1	*14.	T-11340	SW3-UR	Swirl Ring 260A	1
5.	T-11337	S4	Shield 260A	1	15.	T-11341	E0	Electrode 30–80A	1
6.	T-11328	G1	Gas Ring 30–260A	1	16.	T-11342	E1	Electrode 130A	1
7.	T-11329	N1	Nozzle 30A	1	17.	T-11343	E3	Electrode 260A	1
8.	T-11330	N2	Nozzle 40A	1	18.	T-11327	B1	Cooling Tube	1
9.	T-11331	N3	Nozzle 80A	1	*19.	T-11351	100-07-106535-UR	Consumable removal tool	1
10.	T-11332	N5	Nozzle 130A	1					

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

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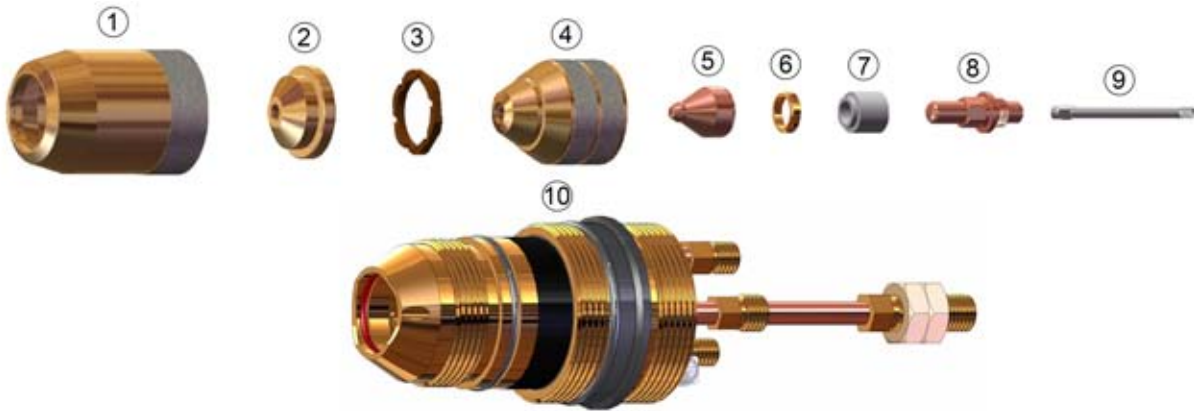
# KOMATSU®

## G940 TORCH, 40A RASOR® KCR-0448, 0451



Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-1549	65-0432-002	Nozzle, 0.6	5	2.	T-1554	65-0432-005	Electrode	5
	T-1550	65-0432-003	Nozzle, 0.4	5	NS	T-1553	65-0432-021	Guide	1
	T-1551	65-0432-013	Nozzle, 0.7	5	NS	KT-1350	K.G940.10M.K	G940® Cable Leads 33'	1

## G9120 TORCH, 90A/120A 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	6.	T-9595	65-0434-018	Swirl Ring	1
2.	T-4097	65-0442-005	Shield Cap	1	7.	T-2061	65-0434-020	Guide	1
	T-2060	65-0434-019	Shield Cap	1		T-2059	65-0434-018	Swirler	2
3.	T-2359	65-0442-004	Spacer Ring	1		T-2360	65-0442-003	Swirler	2
	T-2062	65-0434-022	Spacer Ring	1	8.	T-2321	65-0442-001	Electrode	5
4.	T-2056	65-0434-015	Cap #1	1		T-2055	65-0434-008	Electrode	5
5.	T-2353	65-0442-002	Nozzle, 1.3	1	9.	T-3421	65-0442-009	Cooling Tube, 120A	1
	T-2054	65-0434-007	Nozzle, 1.1	5	NS	T-11198	969-9461310	Tube	1
	T-2058	65-0434-017	Nozzle, .8	5	10.	T-8818	7848-65-5620	Machine Torch	1

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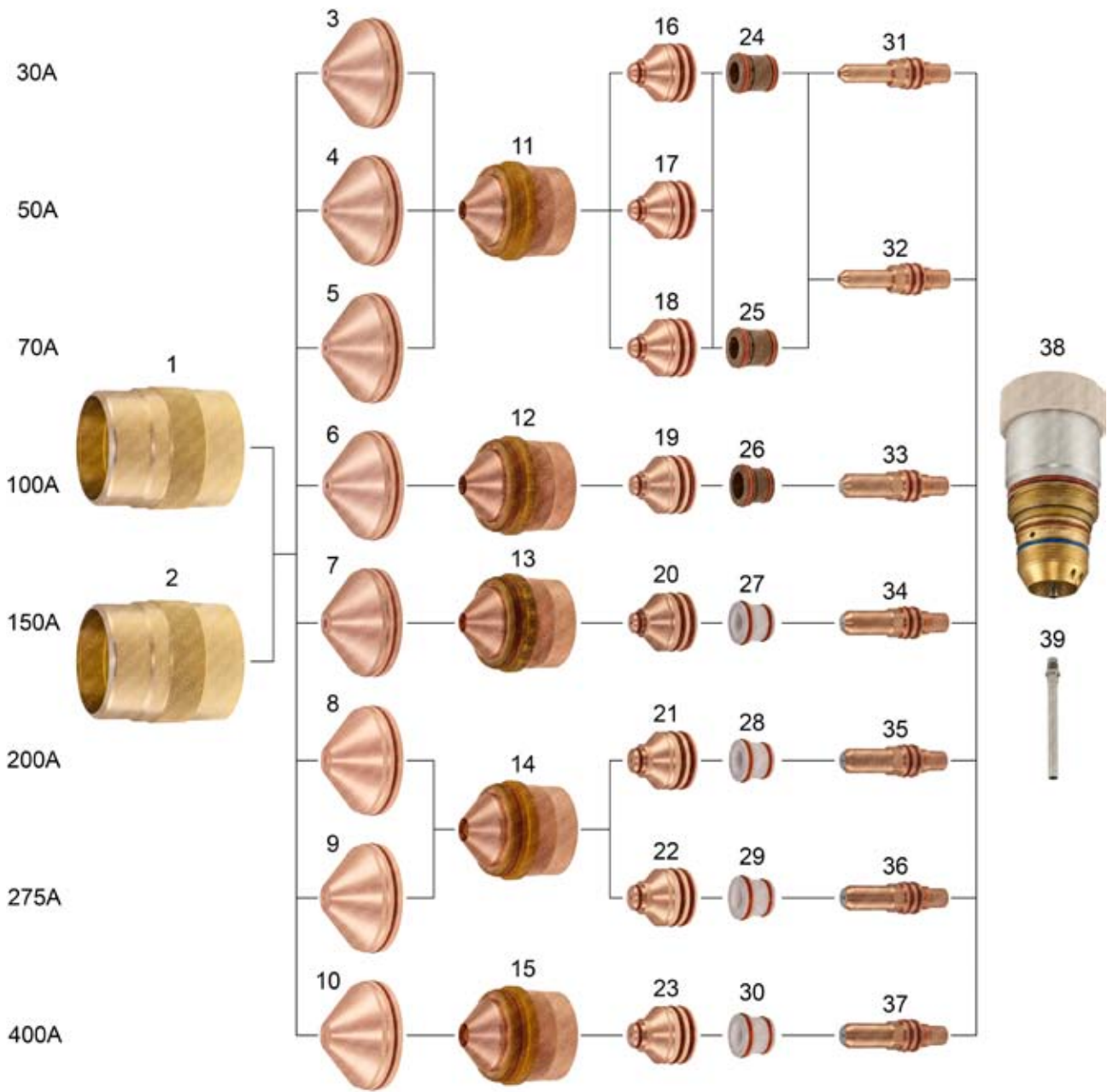
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# REPLACEMENT PARTS SUITABLE FOR KALIBURN®

Spirit®, ProLine®

Spirit® 150a, 200a, 275a, 400a, ProLine® 2150, 2200, 2260



Last update of this page: 28/09/2015. See Revision history for details.

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# KALIBURN®

Spirit®, ProLine®

Spirit® 150a, 200a, 275a, 400a, ProLine® 2150, 2200, 2260

Item	Part No.	Ref. No.	Description	Std. Pkg.	Item	Part No.	Ref. No.	Description	Std. Pkg.
1.	T-11909	284150	Outer Cap 30-400A	1	21.	T-11884	277289	Nozzle 200A, MS/SS/AL, Air	5
2.	T-11892	277154	Outer Cap 30-275A	1	22.	T-11888	277269	Nozzle 275A, MS	5
3.	TN-0110	277145 OEM	Shield Cap 30A, MS/AL	1	23.	TN-0116	284125 OEM	Nozzle 400A, MS	5
4.	TN-0111	277115 OEM	Shield Cap 50A, MS	1	24.	TN-0117	277140 OEM	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 50-100A	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.	TN-0112	284123 OEM	Shield Cap 400A, MS	1	30.	TN-0118	284122 OEM	Swirl Ring 400A, MS/SS/AL	1
11.	T-11891	277153	Retaining Cap 30-70A, MS/SS/AL	1	31.	TN-0119	277130 OEM	Electrode 30A, MS/AL	5
12.	T-11908	277151	Retaining Cap 100/150A, MS/SS/AL	1	32.	T-11906	277131	Electrode 50/70A, MS/SS/AL	5
13.	T-11890	277152	Retaining Cap 150A, MS/SS/AL	1	33.	T-11902	277282	Electrode 100A, MS/SS/AL	5
14.	T-11889	277266	Retaining Cap 200/275A, MS/SS/AL	1	34.	T-11904	277292	Electrode 150A, MS/SS/AL	5
15.	TN-0113	284121 OEM	Retaining Cap 400A, MS	1	35.	T-11903	277291	Electrode 200A, MS/SS/AL	5
16.	TN-0114	277120 OEM	Nozzle 30A, MS/AL	5	36.	T-11905	277270	Electrode 275A, MS/SS/AL	5
17.	TN-0115	277122 OEM	Nozzle 50A, MS/AL	5	37.	TN-0120	284124 OEM	Electrode 400A, MS	1
18.	T-11887	277125	Nozzle 70A, MS/SS/AL	5	38.	TN-0121	279100 OEM	Torch Head	1
19.	T-11886	277284	Nozzle 100A, MS/SS/AL, Air	5	39.	T-11944	277077	Cooling Tube	1
20.	T-11885	277293	Nozzle 150A, MS/SS/AL, Air	5					

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# OXY FUEL CUTTING

**THERMACUT<sup>®</sup>**  
THE CUTTING COMPANY<sup>®</sup>

# REPLACEMENT PARTS SUITABLE FOR AIRCO® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
854-4400	144-0	Tip, Acetylene-Oxygen	854-4403	144-3	Tip, Acetylene-Oxygen
854-4401	144-1	Tip, Acetylene-Oxygen	854-4404	144-4	Tip, Acetylene-Oxygen
854-4402	144-2	Tip, Acetylene-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
854-6499	164-00	Tip, Acetylene-Oxygen	854-6402	164-2	Tip, Acetylene-Oxygen
854-6400	164-0	Tip, Acetylene-Oxygen	854-6403	164-3	Tip, Acetylene-Oxygen
854-6401	164-1	Tip, Acetylene-Oxygen	854-6404	164-4	Tip, Acetylene-Oxygen



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
	261-2	Tip, Propane/NG-Oxygen			

# REPLACEMENT PARTS SUITABLE FOR OXWELD® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
08Z67	1502-3	Tip, Acetylene-Oxygen	15Z18	1502-6	Tip, Acetylene-Oxygen
15Z17	1502-4	Tip, Acetylene-Oxygen	15Z19	1502-8	Tip, Acetylene-Oxygen

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# HARRIS® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
1500820	6290-00	Tip, Acetylene-Oxygen	1500860	6290-3	Tip, Acetylene-Oxygen
1500830	6290-0	Tip, Acetylene-Oxygen	1500870	6290-4	Tip, Acetylene-Oxygen
1500840	6290-1	Tip, Acetylene-Oxygen	1500880	6290-5	Tip, Acetylene-Oxygen
1500850	6290-2	Tip, Acetylene-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
1501230	6290 NX-1	Tip, Propane/NG-Oxygen	1501260	6290 NX-4	Tip, Propane/NG-Oxygen
1501240	6290 NX-2	Tip, Propane/NG-Oxygen	1501280	6290 NX-6	Tip, Propane/NG-Oxygen
1501250	6290 NX-3	Tip, Propane/NG-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
1501020	6290-NFF-1	Tip, Propane/NG-Oxygen	1501050	6290-NFF-4	Tip, Propane/NG-Oxygen
1501030	6290-NFF-2	Tip, Propane/NG-Oxygen	1501060	6290-NFF-5	Tip, Propane/NG-Oxygen
1501040	6290-NFF-3	Tip, Propane/NG-Oxygen	1501070	6290-NFF-6	Tip, Propane/NG-Oxygen



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
1501340	6290-VVC-00	Tip, Propane/NG-Oxygen	1501420	6290-VVC-4	Tip, Propane/NG-Oxygen
1501350	6290-VVC-0	Tip, Propane/NG-Oxygen	A-1159	6290-VVC5/0	Tip, Propane/NG-Oxygen
1501360	6290-VVC-0.5	Tip, Propane/NG-Oxygen	A-1160	6290-VVC4/0	Tip, Propane/NG-Oxygen
1501370	6290-VVC-1	Tip, Propane/NG-Oxygen	A-1161	6290-VVC3/0	Tip, Propane/NG-Oxygen
1501380	6290-VVC-1.5	Tip, Propane/NG-Oxygen	A-1168	6290-VVC2.5	Tip, Propane/NG-Oxygen
1501390	6290-VVC-2	Tip, Propane/NG-Oxygen	A-1171	6290-VVC5	Tip, Propane/NG-Oxygen
1501410	6290-VVC-3	Tip, Propane/NG-Oxygen	A-1172	6290-VVC5.5	Tip, Propane/NG-Oxygen

Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
A-1304	6290-VAX1	Tip, Oxy-Acetylene	A-1307	6290-VAX4	Tip, Oxy-Acetylene
A-1305	6290-VAX2	Tip, Oxy-Acetylene	A-1308	6290-VAX5	Tip, Oxy-Acetylene
A-1306	6290-VAX3	Tip, Oxy-Acetylene	A-1309	6290-VAX6	Tip, Oxy-Acetylene

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# REPLACEMENT PARTS SUITABLE FOR PUROX® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
638869	4202-2	Tip, Acetylene-Oxygen	16K11	4202-7	Tip, Acetylene-Oxygen
16K08	4202-3	Tip, Acetylene-Oxygen	16K12	4202-9	Tip, Acetylene-Oxygen
16K09	4202-4	Tip, Acetylene-Oxygen	16K13	4202-11	Tip, Acetylene-Oxygen
16K10	4202-5	Tip, Acetylene-Oxygen			

# REPLACEMENT PARTS SUITABLE FOR SMITH® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
	MC-12-0	Tip, Acetylene-Oxygen		MC-12-3	Tip, Acetylene-Oxygen
	MC-12-1	Tip, Acetylene-Oxygen		MC-12-4	Tip, Acetylene-Oxygen
	MC-12-2	Tip, Acetylene-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
	SC-12-1	Tip, Acetylene-Oxygen		SC-12-3	Tip, Acetylene-Oxygen
	SC-12-2	Tip, Acetylene-Oxygen		SC-12-4	Tip, Acetylene-Oxygen



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
	SC-50-1	Tip, Propane/NG-Oxygen		SC-50-4	Tip, Propane/NG-Oxygen
	SC-50-2	Tip, Propane/NG-Oxygen		SC-50-5	Tip, Propane/NG-Oxygen
	SC-50-3	Tip, Propane/NG-Oxygen		SC-50-6	Tip, Propane/NG-Oxygen

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# VICTOR® MODEL



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
0330-0003	1-101-000	Tip, Acetylene-Oxygen	0330-0002	1-101-3	Tip, Acetylene-Oxygen
0330-0004	1-101-00	Tip, Acetylene-Oxygen	0330-0007	1-101-4	Tip, Acetylene-Oxygen
0330-0012	1-101-0	Tip, Acetylene-Oxygen	0330-0008	1-101-5	Tip, Acetylene-Oxygen
0330-0005	1-101-1	Tip, Acetylene-Oxygen	0330-0009	1-101-6	Tip, Acetylene-Oxygen
0330-0006	1-101-2	Tip, Acetylene-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
0331-0009	3-101-00	Tip, Acetylene-Oxygen	0331-0015	3-101-2	Tip, Acetylene-Oxygen
0331-0013	3-101-0	Tip, Acetylene-Oxygen	0331-0016	3-101-3	Tip, Acetylene-Oxygen
0331-0014	3-101-1	Tip, Acetylene-Oxygen	0331-0017	3-101-4	Tip, Acetylene-Oxygen



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
0333-0302	1-GPN-0	Tip, Propane/NG-Oxygen	0333-0306	1-GPN-4	Tip, Propane/NG-Oxygen
0333-0303	1-GPN-1	Tip, Propane/NG-Oxygen	0333-0307	1-GPN-5	Tip, Propane/NG-Oxygen
0333-0304	1-GPN-2	Tip, Propane/NG-Oxygen	0333-0308	1-GPN-6	Tip, Propane/NG-Oxygen
0333-0305	1-GPN-3	Tip, Propane/NG-Oxygen			



Part No.	Ref. No.	Description	Part No.	Ref. No.	Description
0333-0400	3-GPN-1	Tip, Propane/NG-Oxygen	0333-0402	3-GPN-3	Tip, Propane/NG-Oxygen
0333-0401	3-GPN-2	Tip, Propane/NG-Oxygen	0333-0403	3-GPN-4	Tip, Propane/NG-Oxygen

Last update of this page: 26/01/2014. See Revision history for details.

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# REPLACEMENT PARTS SUITABLE FOR ESAB® MODEL

## IPB-300L

Description: two-piece standard cutting tip for cutting up to 300 mm, gases:  
Oxygen – propane, natural gas, mixed gases.



Item	Part No.	Ref. No.	Description, plate thickness	Packing
1.	A-1301	4.450.041	Cutting Tip 6 - 15 mm	1pc
	A-1271	4.450.042	Cutting Tip 15 - 25 mm	1pc
	A-1272	4.450.043	Cutting Tip 25 - 40 mm	1pc
	A-1273	4.450.044	Cutting Tip 40 - 60 mm	1pc
	A-1274	4.450.045	Cutting Tip 60 - 100 mm	1pc
	A-1286	4.450.046	Cutting Tip 100 - 200 mm	1pc
	A-1287	4.450.047	Cutting Tip 200 - 250 mm	1pc
	A-1288	4.450.048	Cutting Tip 250 - 300 mm	1pc
2.	A-1278	4.450.545	Heating Nozzle 3 - 200 mm	1pc
	A-1289	4.450.546	Heating Nozzle 200 - 300 mm	1pc
	A-1290	4.450.548	Heating Nozzle 250 - 300 mm for mixed gases only	1pc

## GPB-300L

Description: two-piece standard cutting tip for cutting up to 300 mm, gases:  
Oxygen – propane, natural gas, mixed gases.



Item	Part No.	Ref. No.	Description, plate thickness	Packing
1.	A-1301	4.450.041	Cutting Tip 6 - 15 mm	1pc
	A-1271	4.450.042	Cutting Tip 15 - 25 mm	1pc
	A-1272	4.450.043	Cutting Tip 25 - 40 mm	1pc
	A-1273	4.450.044	Cutting Tip 40 - 60 mm	1pc
	A-1274	4.450.045	Cutting Tip 60 - 100 mm	1pc
	A-1286	4.450.046	Cutting Tip 100 - 200 mm	1pc
	A-1287	4.450.047	Cutting Tip 200 - 250 mm	1pc
	A-1288	4.450.048	Cutting Tip 250 - 300 mm	1pc
2.	A-1312	4.450.584	Heating Nozzle 3 - 200 mm	1pc
	A-1313	4.450.585	Heating Nozzle 200 - 300 mm	1pc

Last update of this page: 23/10/2014. See Revision history for details.

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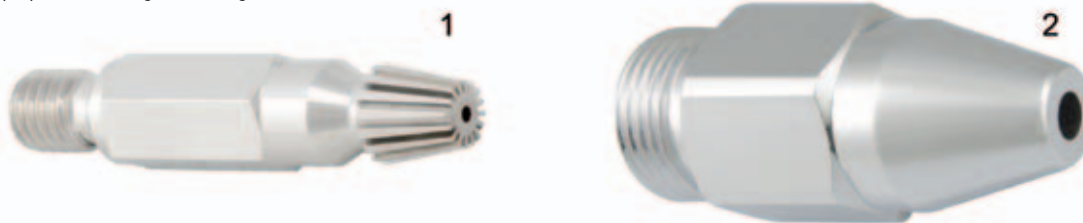
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# MESSER® MODEL

## GRICUT® 1230-PMYF

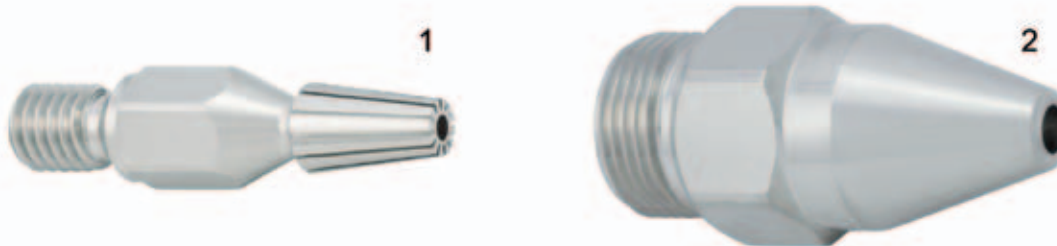
Description: two-piece standard cutting tip for cutting up to 100 mm, gases:  
Oxygen – propane, natural gas, mixed gases.



Item	Part No.	Ref. No.	Description, plate thickness	Packing
1.	A-1283	716.15902	Cutting Tip 7 - 15 mm	5pcs
	A-1235	716.15903	Cutting Tip 15 - 25 mm	5pcs
	A-1236	716.15904	Cutting Tip 25 - 40 mm	5pcs
	A-1237	716.15905	Cutting Tip 40 - 60 mm	5pcs
	A-1238	716.15906	Cutting Tip 60 - 100 mm	5pcs
2.	A-1281	716.15900	Heating Nozzle 3 - 100 mm	1pc

## VADURA® 1215-A

Description: high-speed two-piece nozzles for machine cutting, gases:  
Acetylen.



Item	Part No.	Ref. No.	Description, plate thickness	Packing
1.	A-1230	716.15942	Nozzle 6 - 10 mm	5pcs
	A-1060	716.15943	Nozzle 10 - 25 mm	5pcs
	A-1061	716.15944	Nozzle 25 - 40 mm	5pcs
	A-1062	716.15945	Nozzle 40 - 60 mm	5pcs
	A-1063	716.15946	Nozzle 60 - 100 mm	5pcs
	A-1064	716.15947	Nozzle 100 - 150 mm	5pcs
2.	A-1065	716.15950	Heating Nozzle 3 - 150 mm	1pc

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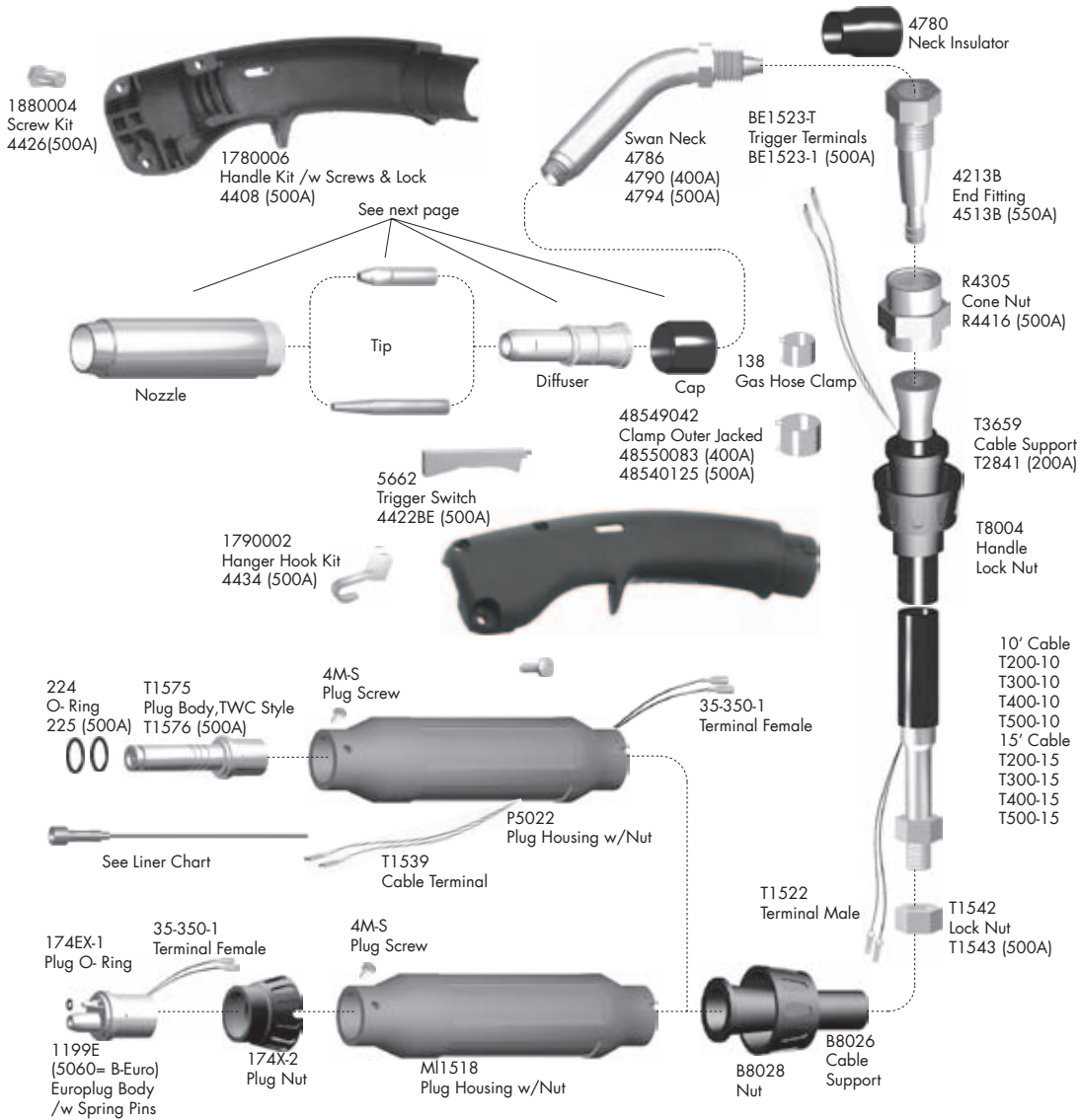


# MIG/MAG/TIG

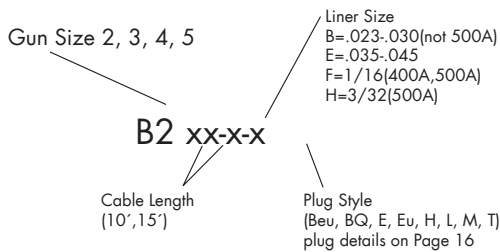
The background of the page features a grayscale, semi-transparent image of a MIG/MAG/TIG welding torch and nozzle assembly. The torch is positioned diagonally, with the nozzle pointing towards the bottom left. The nozzle has a cylindrical shape with a flared end. The torch handle is visible, showing various adjustment knobs and a trigger gun mechanism. The overall image is slightly faded and serves as a backdrop for the text.

# REPLACEMENT PARTS SUITABLE FOR BERNARD®

## 200A, 300A, 400A, 500A GUN



### GUN w/ CABLE



Model	Description
B515ET	500A Gun with 15' Cable, TWC Plug
B510ET	500A Gun with 10' Cable, TWC Plug
B415ET	400A Gun with 15' Cable, TWC Plug
B410ET	400A Gun with 10' Cable, TWC Plug
B315ET	300A Gun with 15' Cable, TWC Plug
B310ET	300A Gun with 10' Cable, TWC Plug
B215ET	200A Gun with 15' Cable, TWC Plug
B210ET	200A Gun with 10' Cable, TWC Plug

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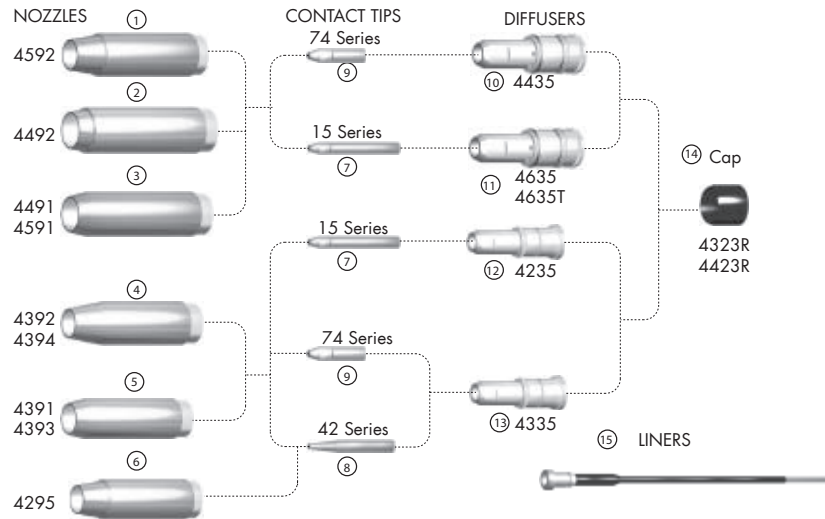
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## 200A, 300A, 400A, 500A GUN

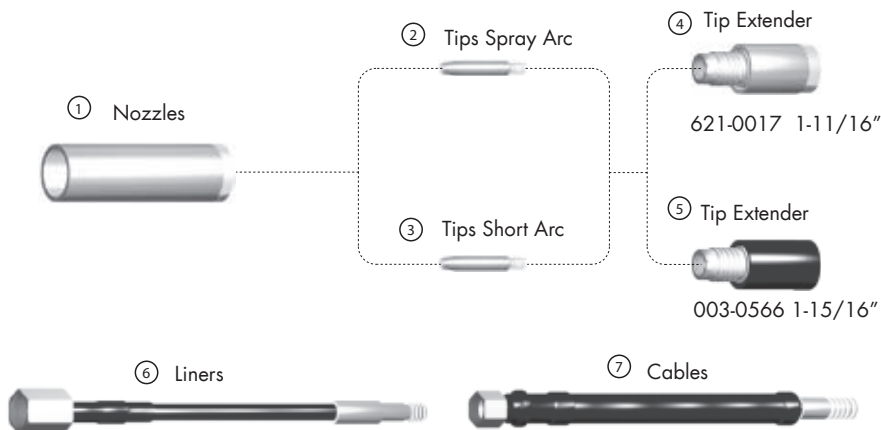


Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	4592	Nozzle Copper, 1/2"	5	43115	Liner 15', .035-.045(200A)		5
2.	4492	Nozzle Tapered Brass, 5/8"	5	43215	Liner 15' 1/16" (200A)		1
3.	4491	Nozzle Brass, 3/4"	5	44115	Liner 15', .035-.045		1
	4591	Nozzle Copper, 3/4"	5	44125	Liner 25', .035-.045		1
4.	4392	Nozzle Tapered Brass, 1/2"	5	44215	Liner 15', 1/16"		1
	4394	Nozzle Tapered Copper, 1/2"	5	45415	Liner S 15', 3/32" (500A)		1
5.	4391	Nozzle Brass, 5/8"	5	NS 44225	Liner .045 - .062, 25'		1
	4393	Nozzle Copper, 5/8"	5	NS 4422BE	Trigger Switch		1
6.	4295	Nozzle Tapered Brass, 3/8"	5	NS 4780	Neck Insulator		1
7.	1588	Contact Tip, .030	25	NS 5662	Trigger Switch		1
	1589	Contact Tip, .035	25	NS 4790	Swan Neck		1
	1590	Contact Tip, .045	25	NS 4786	Swan Neck		1
	1598	Contact Tip, .052	25	NS 4794	Swan Neck		1
	1591	Contact Tip, 1/16"	25	NS T030 OEM	Contact Tip .030		25
	1592	Contact Tip, 5/64"	25	NS T035 OEM	Contact Tip .035		25
	1593	Contact Tip, 3/32"	25	NS T045 OEM	Contact Tip .045		25
8.	4284	Contact Tip, .023	25	NS T062 OEM	Contact Tip .062		25
	4285	Contact Tip, .030	25	NS TF035 OEM	Contact Tip, Tapered, .035		25
	4281	Contact Tip, .035	25	NS TF045 OEM	Contact Tip, Tapered, .045		25
	4282	Contact Tip, .045	25	NS DS-1 OEM	Gas Diffuser		5
9.	7488	Contact Tip, .030	25	NS D-1 OEM	Gas Diffuser		5
	7489	Contact Tip, .035	25	NS 10012 OEM	Insulator		5
	7490	Contact Tip, .045	25	NS NS-1218C OEM	Nozzle 1/2, 1/8 Rec., Copper		5
	7491	Contact Tip, 1/16"	25	NS N-3414B OEM	Nozzle 3/4, 1/4 Rec., Brass		5
	7492	Contact Tip, 5/64"	25	NS N-3418B OEM	Nozzle 3/4, 1/8 Rec., Brass		5
	7493	Contact Tip, 3/32"	25	NS N-3418C OEM	Nozzle 3/4, 1/8 Rec., Copper		5
	7497	Contact Tip, .023	25	NS N-3400C OEM	Nozzle 3/4, Flush Copper		5
	7498	Contact Tip, .052	25	NS NST-3818B OEM	Nozzle 3/8, 1/8 Rec., Brass		5
10.	4435	Gas Diffuser +	5	NS N-5818B OEM	Nozzle 5/8, 1/8 Rec., Brass		5
11.	4635	Gas Diffuser	5	NS NS-5818B OEM	Nozzle 5/8, 1/8 Rec., Brass		5
12.	4235	Gas Diffuser	5	NS N-5818C OEM	Nozzle 5/8, 1/8 Rec., Copper		5
13.	4335	Gas Diffuser	5	NS NS-5818C OEM	Nozzle 5/8, 1/8 Rec., Copper		5
14.	4323R	Cap, 200,350	5	NS N-5800C OEM	Nozzle 5/8, Flush Copper		5
	4423R	Cap, 500	5	NS NS-5800C OEM	Nozzle 5/8, Flush Copper		5
15.	43015	Liner 15', .023-.030(200A)	5				

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# REPLACEMENT PARTS SUITABLE FOR COBRAMATIC®

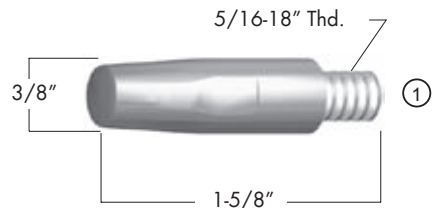
## COBRA AND PRINCE GUNS



Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	001-0137	Nozzle #6, 3/8	5		621-0002	Contact Tip, .035(Tip ID .044)	25
	001-0138	Nozzle #8, 1/2	5		621-0286	Contact Tip, .052(Tip ID .060)	25
	001-0139	Nozzle #10, 5/8	5	4.	621-0017	Tip Extender 1 - 11/16	5
2.	621-0001	Contact Tip, .035(Tip ID .044)	25	5.	003-0566	Tip Extender 1 - 15/16	5
	621-0003	Contact Tip, .045(Tip ID .060)	25	6.	001-0007	Liner 15', .030 -1/16	1
	621-0075	Contact Tip, 1/16(Tip ID .073)	25		001-0008	Liner 25', .030 -1/16	1
	621-0076	Contact Tip, .030(Tip ID .040)	25		615-0055	Liner PTFE 5 3/4, Short	10
	621-0153	Contact Tip, 1/16(Tip ID .085)	25		615-0058	Liner PTFE 6 3/4, Medium	10
3.	621-0325	Contact Tip, .030(Tip ID .036)	25	7.	001-0177	Power/Water Cable 30'	1
	621-0327	Contact Tip, .045(Tip ID .053)	25				

## KING COBRA GUNS

Item	Part No.	Description	Std. Pkg.
1.	621-0157	Contact Tip, .035	25
	621-0161	Contact Tip, .045-3/64	25
	621-0162	Contact Tip, 3/94(Tip ID .060)	25
	621-0163	Contact Tip, 1/16(Tip ID .075)	25
NS	615-0007	Liner, 15'	1
	615-0008	Liner, 25'	1
	615-0055	Liner, PTFE 5 3/4 Short	10
	615-0058	Liner, PTFE 6 3/4 Medium	10



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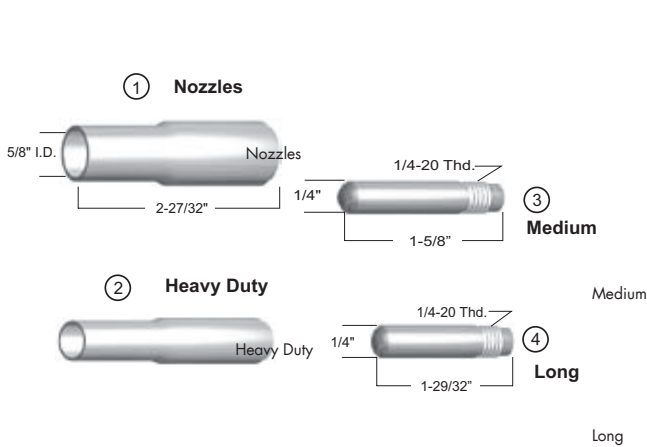
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## GAS COOLED GUNS MT-150/200/400, ST23A & 41A



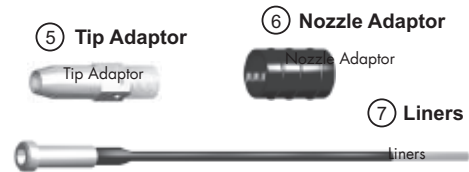
Item	Part No	Description	Std. Pkg
1.	998893	Nozzle, 1/2", #8	5
	998894	Nozzle, 5/8", #10	5
	998895	Nozzle, 3/8", #6	5
2.	999471	Nozzle, 1/2" HD, #8	5
	999472	Nozzle, 5/8" HD, #10	5

## WATER COOLED GUNS ST16/21 & 41

Item	Part No	Description	Std. Pkg
NS	632795	Contact Tip, .035	25
NS	632796	Contact Tip, .045, 1-3/4" Lg	25
NS	598721	Nozzle #10 ST16/21	5
NS	632797	Contact Tip 1/16"	25

## MISCELLANEOUS

Item	Part No	Description	Std. Pkg
NS	2360-2115	Contact Tip .035-.047	25
NS	999578	Contact Tip .045-3/64	25
NS	379314	Contact Tip .035	25
NS	379315	Contact Tip .045	25
NS	379300	Nozzle 9/16	5
NS	379718	Nozzle 1/2	5
NS	379708	Nozzle Adapter	5



Item	Part No	Description	Std. Pkg
3.	996995	Contact Tip .035 Hard	25
	996997	Contact Tip 1/16" Hard	25
	996999	Contact Tip 3/64" Hard	25
4.	996994	Contact Tip .030 Hard	25
	996996	Contact Tip .035 Hard	25
	996998	Contact Tip 3/64" Hard	25
5.	17983	Tip Adaptor	5
6.	999452	Nozzle Adaptor	5
7.	2075238	Liner S 15', .035-.045	1

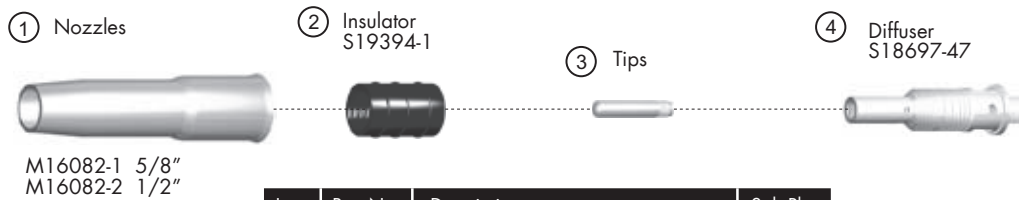
## GUNMASTER 250™

Item	Part No	Description	Std. Pkg
NS	0558001599*	Nozzle 5/8 HD 1/8" Recess	2
NS	0558001608 OEM	Tip Adaptor	2
NS	0558001888	Nozzle Retainer	5
NS	37032 OEM	Liner .035-.045, 15'	1
NS	952755	Shock Washer	5
NS	598721	Nozzle #10 St16/21	5

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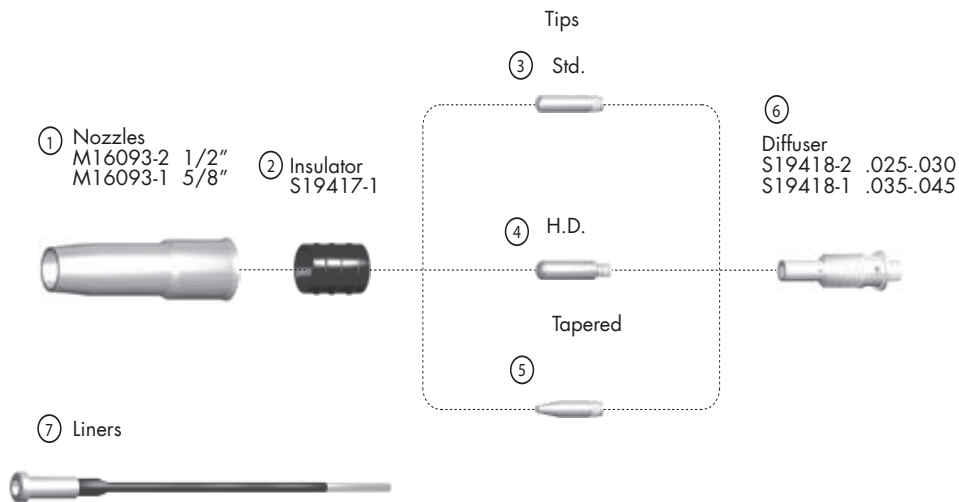
# REPLACEMENT PARTS SUITABLE FOR LINCOLN®

## MAGNUM® SPOOL GUN



Item	Part No	Description	Std. Pkg
1.	M16082-1	Nozzle Adjustable, Slip-On 5/8"	5
	M16082-2	Nozzle Adjustable, Slip-On 1/2"	5
2.	S19394-1	Nozzle Insulator	5
3.	S18697-44	Contact Tip, Notched, .030	25
	S18697-45	Contact Tip, Notched, .035	25
	S18697-46	Contact Tip, Notched, 3/64"	25
	S18697-52	Contact Tip, .023	25
4.	S18697-47	Gas Diffuser	5

## MAGNUM® 200 GUN



Item	Part No	Description	Std. Pkg	Item	Part No.	Description	Std. Pkg.
1.	M16093-1	Nozzle, 5/8"	5		S19393-2	Contact Tip .045, Tapered	25
	M16093-2	Nozzle, 1/2"	5		S19393-5	Contact Tip .025, Tapered	25
2.	S19417-1	Insulator 200	5		S19393-6	Contact Tip .030, Tapered	25
3.	S19391-6	Contact Tip .025	25		S19393-7	Contact Tip .040, Tapered	25
	S19391-8	Contact Tip .040	25	6.	S19418-1	Diffuser .025-.030	5
4.	S19392-1	Contact Tip .035 HD	25		S19418-2	Diffuser .035-.045	5
	S19392-2	Contact Tip .045 HD	25	7.	M16087-2	Liner 15', .025-.030	1
	S19392-6	Contact Tip .040 HD	25		M16087-1	Liner 15', .035-.045	1
5.	S19393-1	Contact Tip .035, Tapered	25				

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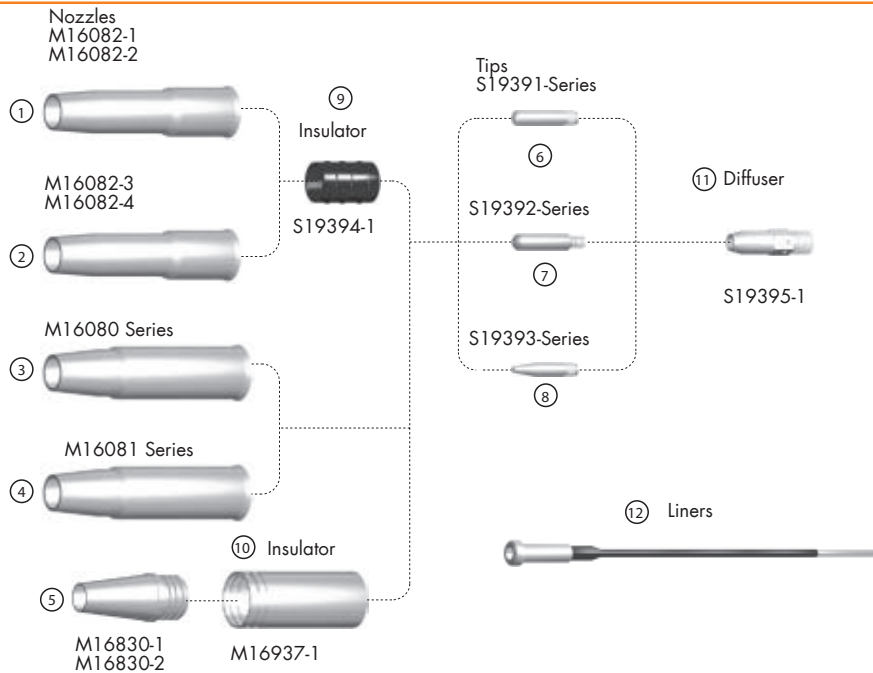
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## MAGNUM® 300 & 400 GUNS

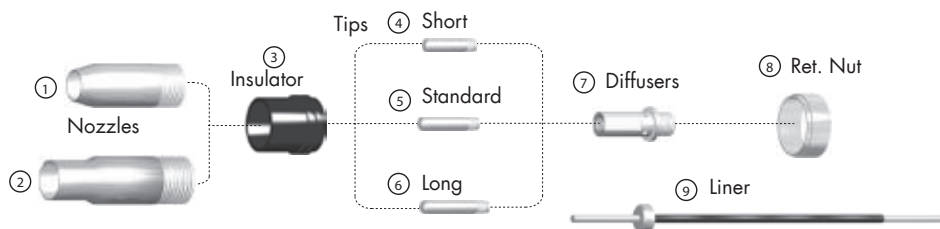


Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	M16082-1	Nozzle, Adj. Slip-On 5/8"	5	7.	S19392-1	Contact Tip .035 HD	25
	M16082-2	Nozzle, Adj. Slip-On 5/8"	5		S19392-2	Contact Tip .045 HD	25
2.	M16082-3	Nozzle, Adj. Slip-On 5/8" Recess	5		S19392-3	Contact Tip .052 HD	25
	M16082-4	Nozzle, Adj. Slip-On 5/8" Recess	5		S19392-4	Contact Tip 1/16" HD	25
3.	M16080-1	Nozzle 3/8" Insul., 1/8" Recess	5		S19392-5	Contact Tip 5/64" HD	25
	M16080-2	Nozzle 1/2" Insul., 1/8" Recess	5		S19392-6	Contact Tip .040 HD	25
	M16080-3	Nozzle 5/8" Insul., 1/8" Recess	5	8.	S19393-1	Contact Tip .035 Tapered	25
	M16080-4	Nozzle 3/4" Insul., 1/8" Recess	5		S19393-2	Contact Tip .045 Tapered	25
4.	M16081-1	Nozzle, 3/8" Flush	5		S19393-3	Contact Tip .052 Tapered	25
	M16081-2	Nozzle, 1/2" Flush	5		S19393-4	Contact Tip 1/16 Tapered	25
	M16081-3	Nozzle, 5/8" Flush	5		S19393-5	Contact Tip .025 Tapered	25
	M16081-4	Nozzle, 3/4" Flush	5		S19393-6	Contact Tip .030 Tapered	25
5.	M16830-1	Nozzle 5/8" Course, 1/8" Recess	5		S19393-7	Contact Tip .040 Tapered	25
	M16830-2	Nozzle 3/4" Course, 1/8" Recess	5	9.	S19394-1	Nozzle Insulator	5
	M16830-3	Nozzle 5/8" Course, #2,3,4	5	10.	M16937-1	Insulator	5
	S19391-1	Contact Tip .035	25	11.	S19395-1	Diffuser, 330/400	5
	S19391-2	Contact Tip .045	25	12.	M16083-1	Liner Assy. 15' .035 - .045	10
6.	S19391-3	Contact Tip .052	25		M16083-2	Liner Assy. 15' 1/16"	10
	S19391-4	Contact Tip 1/16"	25		M16083-3	Liner Assy. 15' 5/64"	10
	S19391-5	Contact Tip 5/64"	25		M16083-7	Liner Assy. 25' .035 - .045	10
	S19391-6	Contact Tip .025	25		M16083-8	Liner Assy. 25' 1/16"	10
	S19391-7	Contact Tip .030	25		M16083-9	Liner Assy. 25' 5/64"	10
	S19391-8	Contact Tip .040	25				

Last update of this page: 27/05/2013. See Revision history for details.



# REPLACEMENT PARTS SUITABLE FOR MILLER®



## AIR COOLED GA-17C 170 AMP GUN

Item	Part No	Description	Std. Pkg	Item	Part No.	Description	Std. Pkg.
1.	128-535	Nozzle 9/16	5	000-068	Contact Tip .035		25
NS	118267	Contact Tube Adaptor	5	087-299	Contact Tip .025		25
4.	000-067	Contact Tip .030	25				

## AIR COOLED GA-17C 170 AMP GUN

Item	Part No	Description	Std. Pkg	Item	Part No.	Description	Std. Pkg.
3.	082-241 OEM	Insulator	5	6.	054-201	Contact Tip .045 Long	25
	000-067	Contact Tip .030	25	7.	146-425	Diffuser .030 -.045	5
	000-068	Contact Tip .035	25		146-426	Diffuser .023 -.025	5
	000-069	Contact Tip .045	25	8.	082-063 OEM	Nut, Retaining	2
	087-299	Contact Tip .025	25	9.	083-891	Liner S 15', .045	1

## AIR COOLED GA-21/CM GUN

Item	Part No	Description	Std. Pkg	Item	Part No.	Description	Std. Pkg.
2.	149-146	Nozzle 5/8"	5		146-426	Diffuser .023 -.025	5
3.	082-241 OEM	Insulator	4	8.	082-063 OEM	Nut, Retaining	2
5.	054-201	Contact Tip .045 Long	5	NS	000-069	Contact Tip .045	25
NS	000-068	Contact Tip .030	25	NS	087-299	Contact Tip .025	25
7.	146-425	Diffuser .030 -.045	5				

## MISCELLANEOUS

Item	Part No	Description	Std. Pkg	Item	Part No.	Description	Std. Pkg.
NS	198855 OEM	Nozzle, Copper 5/8" (2pcs/pak)	2	NS	206188 OEM	Contact Tip, Fastip, .040-.045	25
NS	206186 OEM	Contact Tip, Fastip	25	NS	206189 OEM	Contact Tip, Fastip	25
NS	206187 OEM	Contact Tip, Fastip .035-.040	25	NS	206196 OEM	Diffuser, Fastip, Flush	1

Last update of this page: 28/03/2014. See Revision history for details.

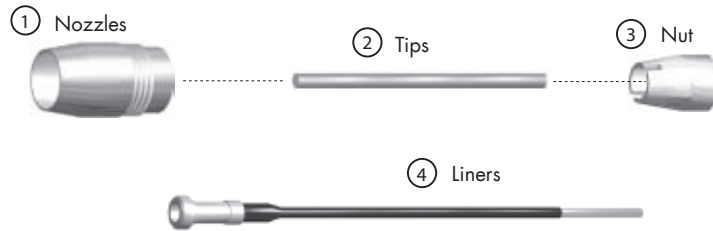
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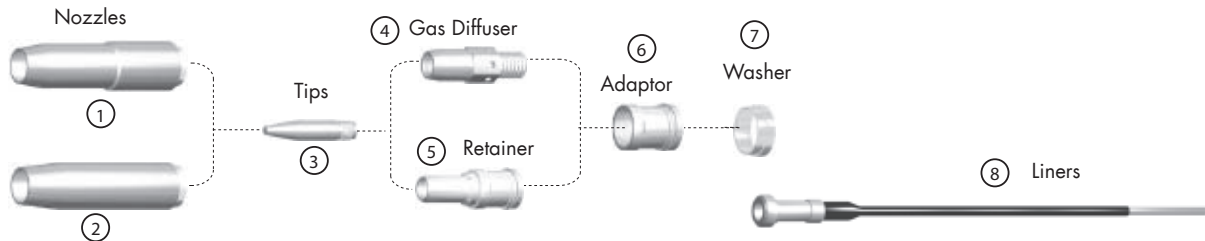
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## SPOOLMATIC® 1, 2, 3 GUNS



Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	050-115	Nozzle 1/2"	5		135-426	Contact Tip .062	25
	050-622	Nozzle 5/8"	5		147-314	Contact Tip .035	25
2.	135-425	Contact Tip .062	25		135-428	Contact Tip .030	25
	135-424	Contact Tip .047	25		135-429	Contact Tip .047	25
	050-637	Contact Tip 1/16" 4 Long Bent	25		135-430	Contact Tip .035	25
	050-638	Contact Tip .030	25	3.	058-676	Brass Nut	5
	094-259	Contact Tip .035	25	4.	136-682	Liner, PTFE .023-.035 7" Lg	10
	094-260	Contact Tip 3/64"	25		136-683	Liner, PTFE .045 7" Lg	10
	050-626	Contact Tip 3/64"	25				

## M15, M25/25M, M40/40AL GUNS

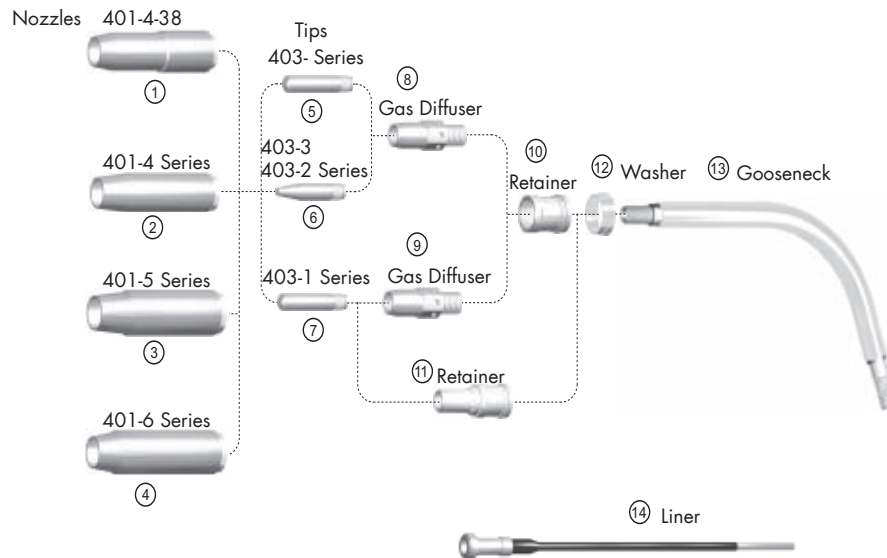


Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	169-715	Nozzle 1/2" Flush	5		172-024	Contact Tip 1/16" SCR	25
2.	169-724	Nozzle 1/2", 1/8 Recess	5	4.	169-728	Gas Diffuser	5
	169-725	Nozzle 5/8", 1/8 Recess	5	5.	169-716	Retainer	5
	169-726	Nozzle 5/8", Flush	5	6.	169-729	Nozzle Adaptor	5
	169-727	Nozzle 5/8", 1/8" Stick-Out	5	7.	169-730	Shock Washer	1
3.	000-067	Contact Tip .030	25	8.	194010	Liner 15', .023-035	1
	000-068	Contact Tip .035	25		194011	Liner 15', .030-035	1
	000-069	Contact Tip .045	25		194012	Liner 15', .035-045	1
	087-299	Contact Tip .025	25		194013	Liner 15', 1/16-5/64"	1

Last update of this page: 28/03/2014. See Revision history for details.

# REPLACEMENT PARTS SUITABLE FOR TREGASKISS®

TOUGH GUN® 200, 300, 400, 500



Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	401-4-38	Nozzle Insul. 3/8", Flush	5	403-1-52	Contact Tip .052" HD	25	
2.	401-4-50	Nozzle Insul. 1/2", 1/8" Recess	5	403-1-332	Contact Tip 3/32" HD	25	
	401-4-62	Nozzle Insul. 5/8", 1/8" Recess	5	403-1-40	Contact Tip .040" HD	25	
	401-4-75	Nozzle Insul. 3/4", 1/8" Recess	5	8.	404	Gas Diffuser	5
3.	401-5-62	Nozzle Insul. 5/8" HD	5	404-10	Gas Diffuser	5	
	401-5-75	Nozzle Insul. 3/4" HD	5	9.	404-1	Gas Diffuser HD	5
4.	401-6-75	Nozzle HD Insul. 3/4", 1/8" Recess	5	10.	402-3	Nozzle Retaining Ring	5
	401-6-62	Nozzle HD Insul. 5/8", 1/8" Recess	5	11.	402-4	Retaining Ring	5
5.	403-45	Contact Tip .045	25	404-3	Retainer	5	
	403-116	Contact Tip 1/16	25	404-13	Retaining Head with Setscrew	5	
	403-52	Contact Tip .052	25	12.	402-5	Shock Washer HD	5
	403-35	Contact Tip .035	25	402-7	Shock Washer	5	
6.	403-3-35	Contact Tip HD Tapered .035	25	13.	305-60	Gooseneck 300A	1
	403-3-52	Contact Tip .052" HD	25	405-60	Gooseneck 400A	1	
	403-3-116	Contact Tip 1/16" HD	25	14.	415-116-15	Liner 15', .045 -1/16	1
	403-3-45	Contact Tip HD Tapered .045	25	415-116-25	Liner 25', .045 -1/16	1	
	403-2-35	Contact Tip Tapered .050	25	415-35-15	Liner 15', .035	1	
7.	403-1-35	Contact Tip .035 HD	25	415-35-25	Liner 25', .035	1	
	403-1-116	Contact Tip 1/16" HD	25	415-332-15	Liner 15', .078 -3/32	1	
	403-1-40	Contact Tip .040" HD	25	415-116-2	Liner 15', .045 -1/16	1	
	403-1-45	Contact Tip .045" HD	25	415-564-25	Liner 25', 5/64"	1	

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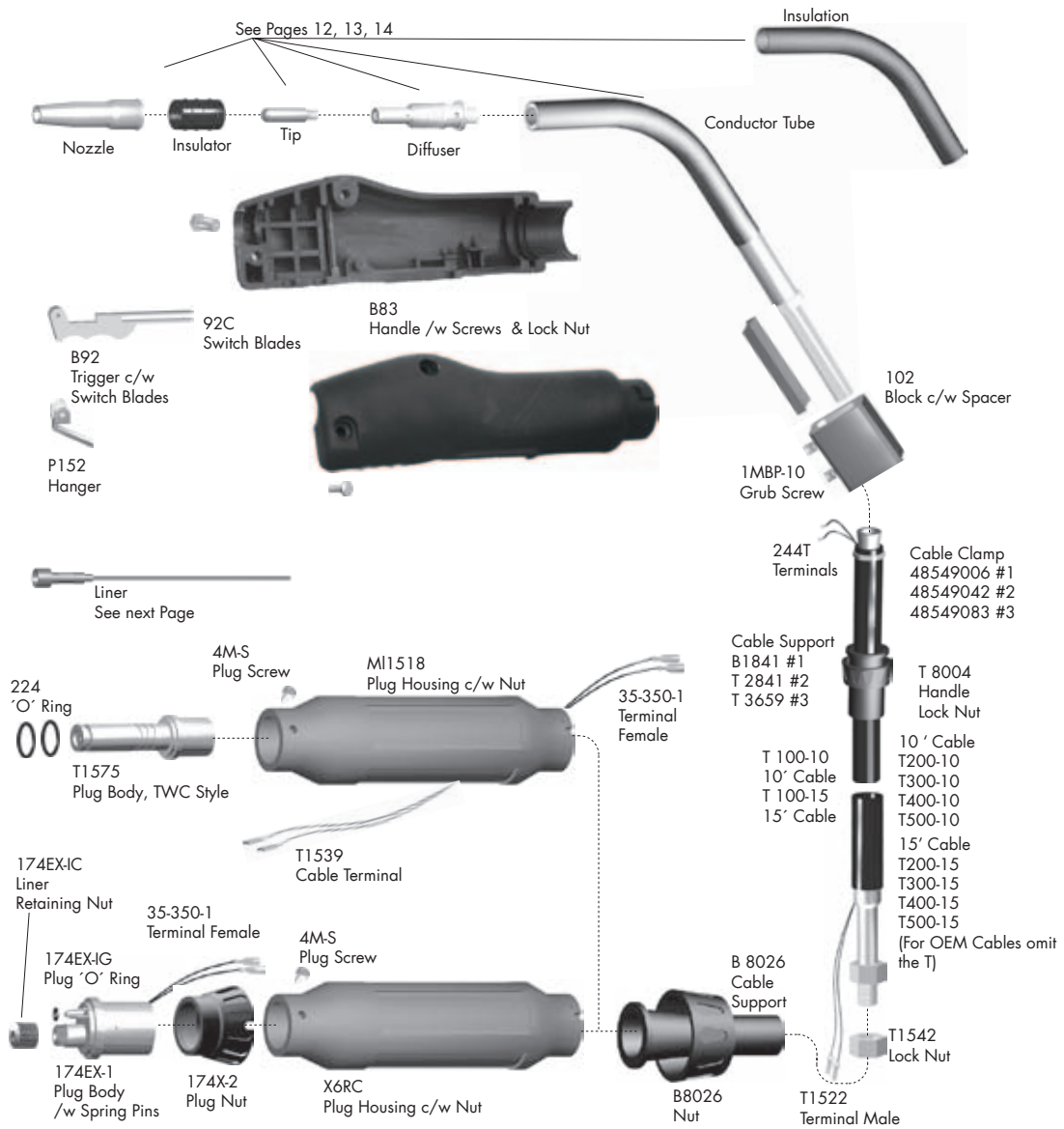
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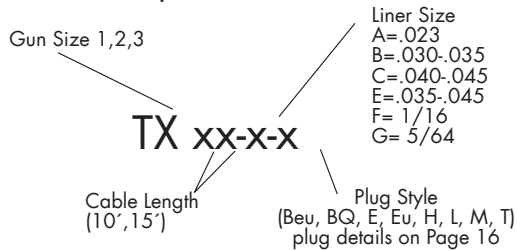
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## #1, #2 and #3 GUNS



### GUN w/ CABLE

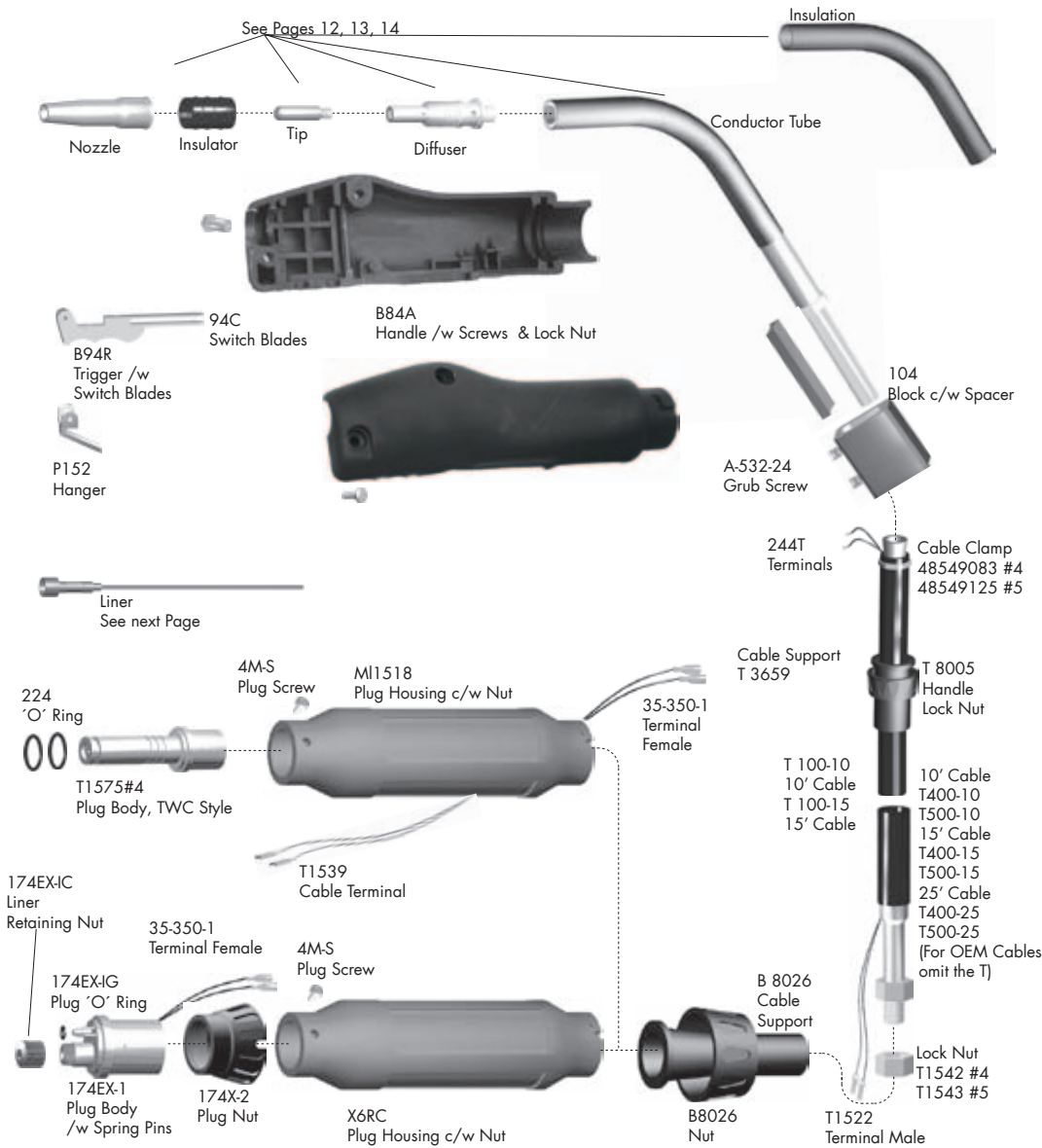


Model	Description
T110BT	#1 Gun with 10' Cable, TWC Plug
T115BT	#1 Gun with 15' Cable, TWC Plug
T210BT	#2 Gun with 10' Cable, TWC Plug
T215BT	#2 Gun with 15' Cable, TWC Plug
T225BT	#2 Gun with 25' Cable, TWC Plug
T310BT	#3 Gun with 10' Cable, TWC Plug
T315BT	#3 Gun with 15' Cable, TWC Plug
T325BT	#3 Gun with 25' Cable, TWC Plug

Last update of this page: 27/05/2013. See Revision history for details.

# REPLACEMENT PARTS SUITABLE FOR TWECO®

## #4 AND #5 GUNS



### GUN w/ CABLE

Gun Size 4 or 5

TX XX-X-X

Cable Length (10', 15')

Liner Size  
E= .035-.045  
F= 1/16  
G= 5/64  
H= 3-32  
I/64

Plug Style  
(Beu, BQ, E, Eu, H, L, M, T)  
plug details on Page 16

Model	Description
T410ET	#4 Gun with 10' Cable, TWC Plug
T415ET	#4 Gun with 15' Cable, TWC Plug
T425ET	#4 Gun with 10' Cable, TWC Plug
T510ET	#5 Gun with 10' Cable, TWC Plug
T515FT	#5 Gun with 15' Cable, TWC Plug
T525FT	#5 Gun with 25' Cable, TWC Plug

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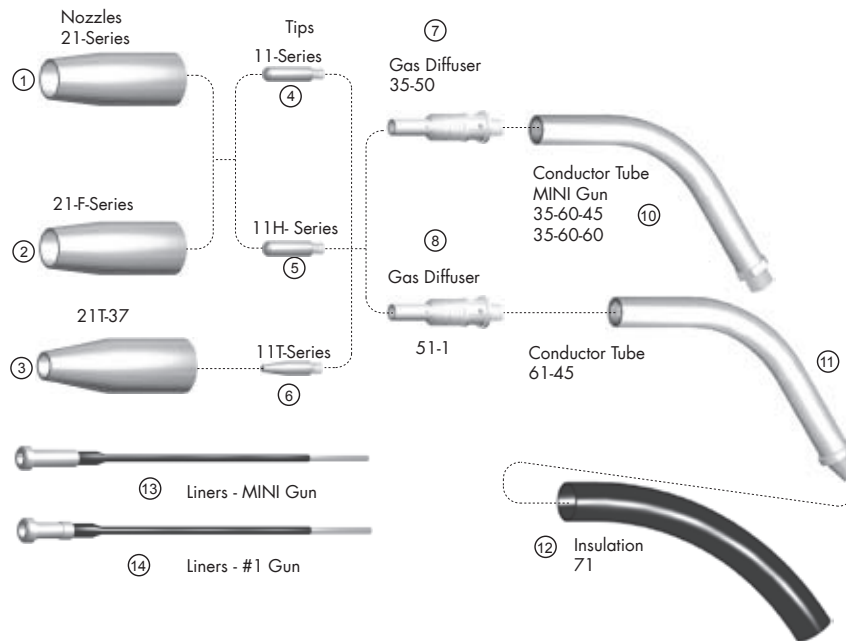
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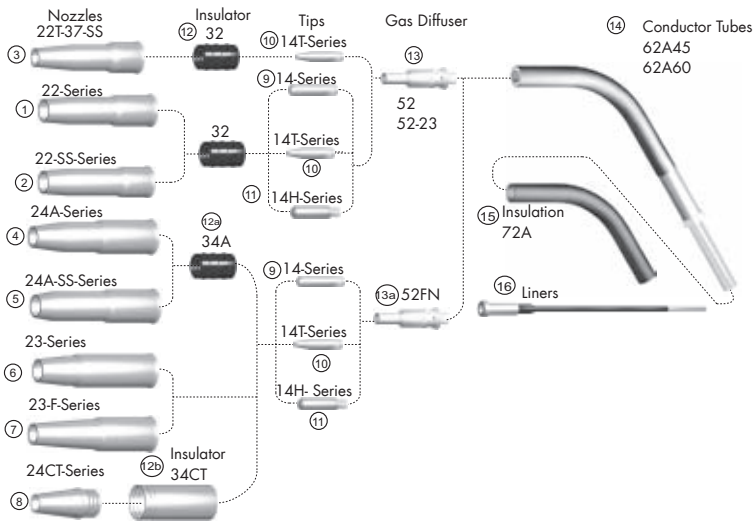


Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	21-37	Nozzle 3/8" Insulated	5	11T40	Contact Tip .040, Tapered	25	
	21-50	Nozzle 1/2" Insulated	5	7.	35-50	Gas Diffuser, Mini	25
	21-62	Nozzle 5/8" Insulated	5	8.	51	Gas Diffuser #1 .035 -.045	5
2.	21-37F	Nozzle Flush 3/8", Insulated	5	51-23	Gas Diffuser,#1 .023 MINI	5	
	21-50F	Nozzle Flush 1/2", Insulated	5	10.	35-60-60	Conductor Tube 60/60°	5
	21-62F	Nozzle Flush 5/8", Insulated	5	11.	61-45	Conductor Tube 45°	5
3.	21T37	Nozzle Taper, 1/8" Recess	5	12.	71	Insulation #1 Gun	1
4.	11-45	Contact Tip .045	25	13.	42-23-15	Liner 15', .023	1
	11-23	Contact Tip .023	25		42-3035-15	Liner 15', .030 -.035	1
	11-30	Contact Tip .030	25		42-3035-25	Liner 25', .030 -.035	1
	11-35	Contact Tip .035	25		42-4045-15	Liner 15', .040 -.045	1
	11-40	Contact Tip .040	25		42-4045-25	Liner 25', .040 -.045	1
5.	11H45	Contact Tip HD .045	25		42N-3545-15	Liner Nylon 15' .035 -.045	1
	11H35	Contact Tip HD .035	25	14.	23-40-15	Liner 15' .023	1
6.	11T45	Contact Tip .045, Tapered	25		35-40-15	Liner 15' .030 -.035	1
	11T23	Contact Tip .023, Tapered	25		35TF-40-10	Liner 15' PTFE 10' .035	1
	11T30	Contact Tip .030, Tapered	25		45-40-15	Liner 15', .045	1
	11T35	Contact Tip .035, Tapered	25		122FM	Binder Screw & Post	5

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# REPLACEMENT PARTS SUITABLE FOR TWECO®

## #2 GUN



Item	Part No	Description	Std. Pkg
1.	22-50	Nozzle 1/2", #2	5
	22-62	Nozzle 5/8", #2	5
2.	22-50SS	Nozzle Short 1/2", #2	5
	22-62SS	Nozzle Short 5/8", #2	5
	22-37SS	Nozzle Short 3/8"	5
3.	22T37SS	Nozzle Tapered, 3/8", #2	5
4.	24A50	Nozzle 1/2", #2,3,4	5
	24A62	Nozzle 5/8", #2,3,4	5
	24A75	Nozzle 3/4", #2,3,4	5
5.	24A37SS	Nozzle Short Stop 3/8", #2,3,4	5
	24A50SS	Nozzle Short Stop 1/2", #2,3,4	5
	24A62SS	Nozzle Short Stop 5/8", #2,3,4	5
	24A75SS	Nozzle Short Stop 3/4", #2,3,4	5
	24AT37SS	Nozzle 3/8", #2,3,4	5
6.	23-37	Nozzle Insul. 3/8", #2,3,4	5
	23-50	Nozzle Insul. 1/2", #2,3,4	5
	23-62	Nozzle Insul. 5/8", #2,3,4	5
	23H62	Nozzle, 5/8"	5
	23-75	Nozzle Insul. 3/4", #2,3,4	5
	23T37	Nozzle 3/8", #2,3,4	5
7.	23-37F	Nozzle Insul. 3/8", Flush	5
	23-50F	Nozzle Insul. 1/2", Flush	5
	23-62F	Nozzle Insul. 5/8", Flush	5
	23T37F	Nozzle Insul. Taper 3/8" Flush	5
8.	24CT37S	Nozzle 3/8", #2,3,4	5
	24CT50S	Nozzle 1/2", Coarse, #2,3,4	5

Item	Part No	Description	Std. Pkg
	24CT62R	Nozzle 5/8", Coarse, #2,3,4	5
	24CT62S	Nozzle 5/8", Coarse, #2,3,4	5
	24CT75S	Nozzle 3/4", Coarse, #2,3,4	5
9.	14-23	Contact Tip .023	25
	14-30	Contact Tip .030	25
	14-35	Contact Tip .035	25
	14-40	Contact Tip .040	25
	14-45	Contact Tip .045	25
	14-52	Contact Tip .052	25
	14A364	Contact Tip 3/64"	25
	14T23	Contact Tip Tapered .023	25
	14T30	Contact Tip Tapered .030	25
	14T35	Contact Tip Tapered .035	25
	14T40	Contact Tip Tapered .040	25
	14T45	Contact Tip Tapered .045	25
10.	14AH364	Contact Tip 3/64"	25
	14H35	Contact Tip .035 HD	25
	14H40	Contact Tip .040 HD	25
	14H45	Contact Tip .045 HD	25
11.	32	Insulator #2	5
	T-4032	Insulator, 32 Series	5
12.	34A	Insulator #2,3,4	5
	T-4034	Insulator, 34A Series	5
	34FN	Insulator, Fine Thread	5
12a.	34CT	Insulator, Coarse Thread	5
12b.	52	Gas Diffuser, .030-.045	5
	52-23	Gas Diffuser, .023	5
13.	52FN	Gas Diffuser, Fixed Nozzle	5
13a.	62A45	Conductor Tube 45°	1
	62A60	Conductor Tube 60°	1
14.	72A	Insulation #2 Gun	5
15.	42-23-15	Liner 15', .023	1
	42-3035-15	Liner 15', .030-.035	1
	42-3035-25	Liner 25', .030-.035	1
	42-4045-15	Liner 15', .040-.045	1
	42-4045-25	Liner 25', .040-.045	1
	42N-3545-15	Liner Nylon 15', .035-.045	1

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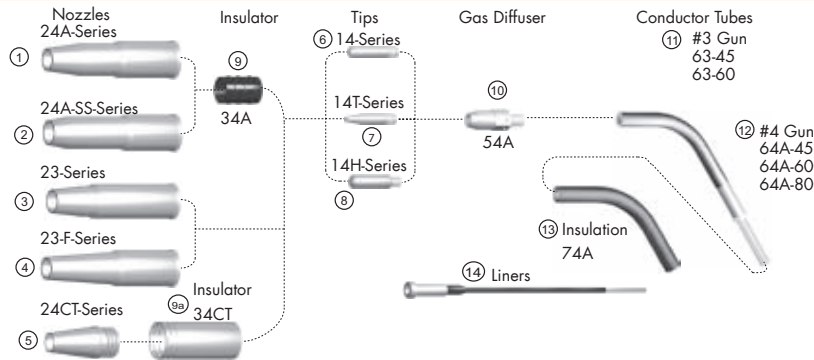
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## #3 & #4 GUNS

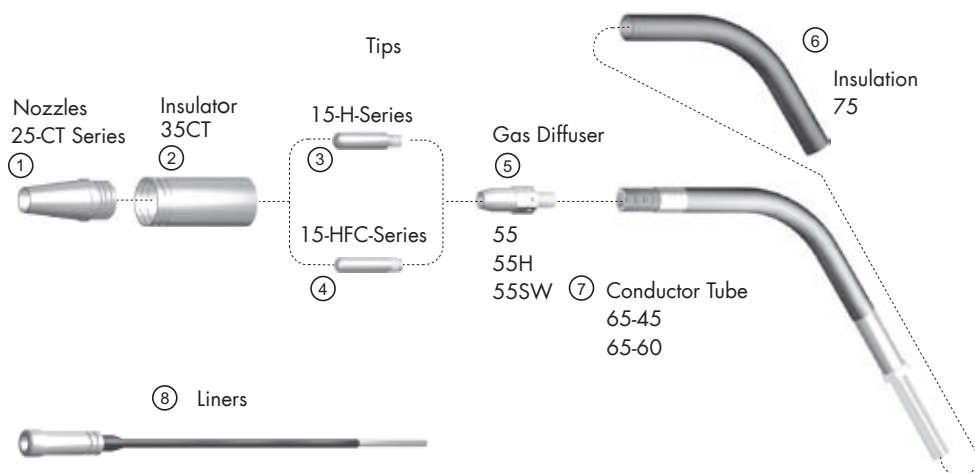


Item	Part No.	Description	Std. Pkg.	Item	Part No.	Description	Std. Pkg.
1.	24A50	Nozzle 1/2, #2,3,4	5		14T52	Contact Tip Tapered .052	25
	24A62	Nozzle 5/8, #2,3,4	5		14AH116	Contact Tip 1/16"	25
	24A75	Nozzle 3/4, #2,3,4	5		14AH364	Contact Tip 3/64"	25
	24AH62	Nozzle HD 5/8	5	8.	14H116	Contact Tip 1/16" HD	25
	24AH75	Nozzle HD 3/4	5		14H35	Contact Tip .035 HD	25
2.	24A37SS	Nozzle Short Stop 3/8	5		14H40	Contact Tip .040 HD	25
	24A50SS	Nozzle Short Stop 1/2	5		14H45	Contact Tip .045 HD	25
	24A62SS	Nozzle Short Stop 5/8	5		14H52	Contact Tip .052 HD	25
	24A75SS	Nozzle Short Stop 3/4	5		14H564	Contact Tip 5/64" HD	25
	24AT37SS	Nozzle Short Stop 3/8, Taper	5	9.	34A	Insulator #2,3,4 Gun	5
3.	23-37	Nozzle Insul. 3/8	5	9a.	34CT	Insulator #2,3,4 Gun CT	5
	23-50	Nozzle Insul. 1/2	5	10.	54A	Gas Diffuser	5
	23-62	Nozzle Insul. 5/8	5	11.	63-45	Conductor Tube 45°	1
	23-75	Nozzle Insul. 3/4	5		63-60J	Conductor Tube, Metal Jacketed	1
	23T37	Nozzle 3/8, Taper	5	12.	64A60J	Conductor Tube, Metal Jacketed	1
4.	23-37F	Nozzle Insul. 3/8, Flush	5		64A45	Conductor Tube 45°	1
	23-50F	Nozzle Insul. 1/2, Flush	5		64A60	Conductor Tube 60°	1
	23-62F	Nozzle Insul. 5/8, Flush	5	13.	74A	Insulation	5
	23T37F	Nozzle Insul. Taper 3/8 Flush	5	14.	44N3545-15	Liner Nylon 25' .035-.045	1
5.	24CT37S	Nozzle 3/8	5		44-116-15	Liner 15' 1/16"	1
	24CT50S	Nozzle 1/2, Coarse Thread	5		44-116-25	Liner 25' 1/16"	1
	24CT62R	Nozzle 5/8	5		44-3545-15	Liner 15' .035-.045	1
	24CT62S	Nozzle 5/8, Coarse Thread	5		44-3545-25	Liner 25' .035-.045	1
	24CT75S	Nozzle 3/4, Coarse Thread	5		44-564-15	Liner 15' 5/64"	1
6.	14-116	Contact Tip 1/16	25		44-564-25	Liner 25' 5/64"	1
	14-23	Contact Tip .023	25		44N-116-15	Liner Nylon 15' 1/16"	1
	14-35	Contact Tip .035	25		NS 94R	Switch Assembly	1
	14-45	Contact Tip .045	25		NS 144-12	Cable, 12'	1
	14-52	Contact Tip .052	25		NS 144-6	Hose Support Handle	5
	14-564	Contact Tip 5/64	25		NS 224	O-Ring	10
	14A116	Contact Tip 1/16	25		NS 34FN	Insulator, Fine Thread	5
	14A364	Contact Tip 3/64	25		NS 24FN62S	Nozzle 5/8", Fine Thread	5
7.	14T116	Contact Tip Tapered 1/16	25		NS 24FN75S	Nozzle 3/4", Fine Thread	5
	14T23	Contact Tip Tapered .023	25		NS 400-10	OEM #4 Hose Cable Assy, 10'	1
	14T30	Contact Tip Tapered .030	25		NS 400-15	OEM #4 Hose Cable Assy, 15'	1
	14T35	Contact Tip Tapered .035	25		NS 84A	Handle with Screws	1
	14T40	Contact Tip Tapered .040	25		NS 94C	Switch Blades	1
	14T45	Contact Tip Tapered .045	25				

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# REPLACEMENT PARTS SUITABLE FOR TWECO®

## #5 GUN



Item	Part No.	Description	Std. Pkg.
1.	25CT50	Nozzle 1/2", Coarse Thread	5
	25CT62	Nozzle 5/8", Coarse Thread	5
	25CT75	Nozzle 3/4", Coarse Thread	5
2.	35CT	Insulator Coarse, #5	5
3.	15H116	Contact Tip, 1/16" HD	25
	15H332	Contact Tip 3/32" HD	25
	15H35	Contact Tip .035 HD	25
	15H45	Contact Tip .045 HD	25
	15H52	Contact Tip .052 HD	25
	15H564	Contact Tip 5/64" HD	25
4.	15HFC116	Contact Tip 1/16" HD Fix.-Cor.	25
	15HFC332	Contact Tip 3/32" HD Fix.-Cor.	25
	15HFC45	Contact Tip .045 HD Fix.-Cor.	25
	15HFC764	Contact Tip 7/64" HD Fix.-Cor.	25
5.	55	Gas Diffuser (use with 45N-116,45-564 Liner)	5
	55H	Gas Diffuser (use with 45-3545,45-116 Liner)	5
	55SW	Gas Diffuser (use with 45H-332,45H-764 Liner)	5
6.	75	Insulation Conductor Tube	5
7.	65-45	Conductor Tube 45°	1
	65-60	Conductor Tube 60°	1
	65J60	Conductor Tube, Metal Jacketed	1
8.	45-116-15	Liner 15' 1/16"	1
	45-116-25	Liner 25' 1/16"	1
	45-3545-15	Liner 15' .035-.045	1

Item	Part No.	Description	Std. Pkg.
	45-3545-25	Liner 25' .035-.045	1
	45-564-25	Liner 25' 5/64"	1
	45H-332-15	Liner 15' 3/32"	1
	45H-764-15	Liner 15' 7/64"	1
	45N-116-15	Liner Nylon 15' 1/16"	1
	45N-3545-15	Liner Nylon 25' .035-.045	1

## SPRAYMASTER™

Item	Part No	Description	Std. Pkg.
	NS 16S-116	Contact Tip 1/16" (1.6mm)	25
	NS 16S-35	Contact Tip .035" (0.9mm)	25
	NS 16S-45	Contact Tip .045 (1.2mm)	25
	NS 16S-564	Contact Tip 5/64" (2.0mm)	25
	NS 16S-52	Contact Tip .052	25
	NS HD24-62	Nozzle 5/8"	5
	NS HD24L-62	Nozzle, 5/8" Heavy Duty	5
	NS HD54-16	Gas Diffuser	5
	NS HD24L-50	Nozzle, 1/2"	5
	NS HD24L-50F	Nozzle, 1/2" Flush	5
	NS HD24L-62F	Nozzle, 5/8", HD, Flush	5
	NS HD24L-75	Nozzle, 3/4", HD	5
	NS HD24L-75F	Nozzle, 3/4", HD, Flush	5

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# MIG GUN PLUGS

ESAB® Style

Ref # E1575



Euro (TWECO®) Style

Ref # 174X-2 (Not Shown)  
Ref # 174EX-1



HOBART® Style

Ref # H1575



LINCOLN® L2 Style

Ref # L1574



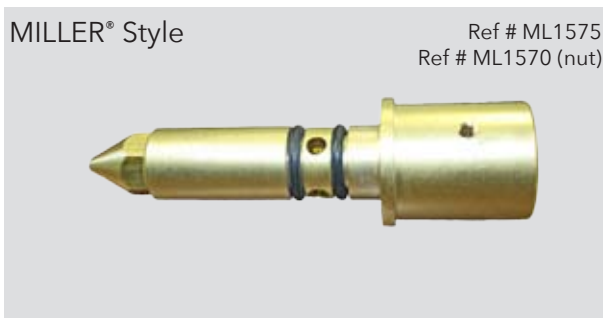
LINCOLN® Style

Ref # L1575  
Ref # L1575-I (with nipple)



MILLER® Style

Ref # ML1575  
Ref # ML1570 (nut)



TWECO® / LINCOLN® L3 Style

Ref # T1575



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# REPLACEMENT PARTS SUITABLE FOR TIG WELDING

What you need to know about Tungsten...

How Quality Control is addressed with Thermacut Tungsten

“Centerless Ground, Precision Centerless Ground, or Ground”

All the terms mean the same thing As a requirement of the ISO and AWS specifications, good quality tungsten is centerless ground, precision centerless ground or ground. Our electrodes are centerless ground.

“Annealed”

Annealing is analogous to the heating-treating processes whereby the electrodes are heated in an oven to a specified temperature, rate and duration to inspire atomic settling where the grain structure Tungsten becomes more consistent and facilitating electron migration. Our electrodes are annealed.

“100% Eddy Current Tested”

Eddy current testing monitors the electrical field properties surrounding the electrode as current passes through it. This test verifies proper current flow and detects any voids, cracks or other physical imperfections that would impede performance. Since ISO requires a lot control, a failed lot can then be controlled, segregated, re-tested and scrapped if necessary. All our tungsten is eddy current tested.

Sharpening Your Tungsten

A common mistake by most companies is using an contaminated grinding wheel. By not using a dedicated system any impurities left on the grinding wheel from your last use are now imbedded into the tungsten. The end result is a poor weld.

Call today to learn more about our Tungsten Grinder

Pure – color coded Green

Part No	Description	Std. Pkg
T040-7-PUR	Tungsten, .040x7, GND, PUR	10
T1/16-7-PUR	Tungsten, 1/16x7, GND, PUR	10
T1/4-7-PUR	Tungsten, 1/4x7, GND, PUR	5
T1/8-3-PUR	Tungsten, 1/8x3, GND, PUR	10
T1/8-7-PUR	Tungsten, 1/8x7, GND, PUR	10
T3/32-3-PUR	Tungsten, 3/32x3, GND, PUR	10
T3/32-7-PUR	Tungsten, 3/32x7, GND, PUR	10
T5/32-7-PUR	Tungsten, 5/32x7, GND, PUR	10

E3 Tungsten - The Supreme Tungsten Electrode

Part No.	Description	Std. Pkg
T020-7E3	.20X7 GRND E3 TUNGSTEN	10
T040-7E3	.40X7 GRND E3 TUNGSTEN	10
T1/16-7E3	1/16X7 GRND E3 TUNGSTEN	5
T1/8-7E3	1/8X7 GRND E3 TUNGSTEN	10
T3/16-7E3	3/16 GRND E3 TUNGSTEN	10
T3/32-7E3	3/32X7 GRND E3 TUNGSTEN	10
T5/32-7E3	5/32X7 GRND E3 TUNGSTEN	10

1.5% Lanthanum – color coded Gold

Part No.	Description	Std. Pkg
T1/16-7-LAN	Tungsten, 1/16x7, GND 1.5% LA	10
T1/4-7-LAN	Tungsten, 1/4x7, GND 1.5% LA	5
T1/8-7-LAN	Tungsten, 1/8x7, GND 1.5% LA	10
T3/32-7-LAN	Tungsten, 3/32x7, GND 1.5% LA	20

Zirconium – color coded Brown

Part No.	Description	Std. Pkg
T040-7-ZIR	Tungsten, .040x7, GND, ZIR	10
T1/16-7-ZIR	Tungsten, 1/16x7, GND, ZIR	10
T1/8-7-ZIR	Tungsten, 1/8x7, GND, ZIR	10
T3/32-7-ZIR	Tungsten, 3/32x7, GND, ZIR	10
T5/32-7-ZIR	Tungsten, 5/32x7, GND, ZIR	10

2% Cerium – color coded Gray

Part No.	Description	Std. Pkg
T1/16-7-CER	Tungsten, 1/16x7, GND 2% CER	10
T1/8-7-CER	Tungsten, 1/8x7, GND 2% CER	10
T3/32-3-CER	Tungsten, 3/32x3, GND 2% CER	10
T3/32-7-CER	Tungsten, 3/32x7, GND 2% CER	10
T5/32-7-CER	Tungsten, 5/32x7, GND 2% CER	10

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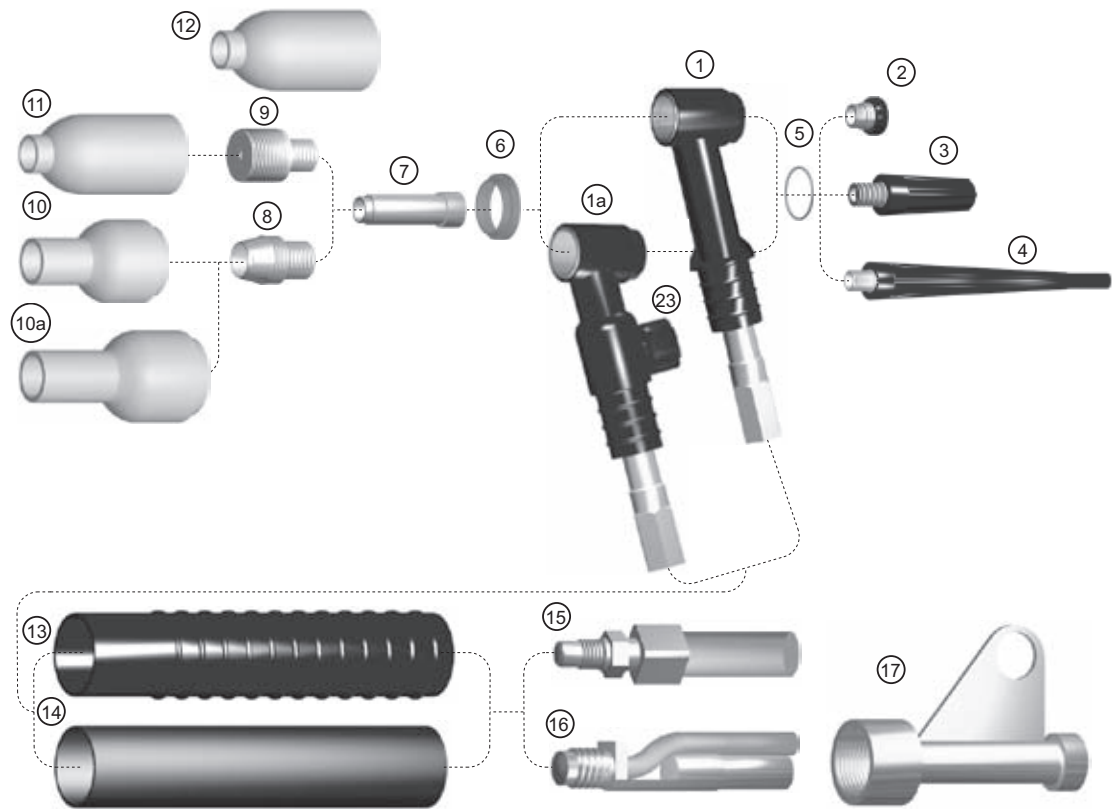
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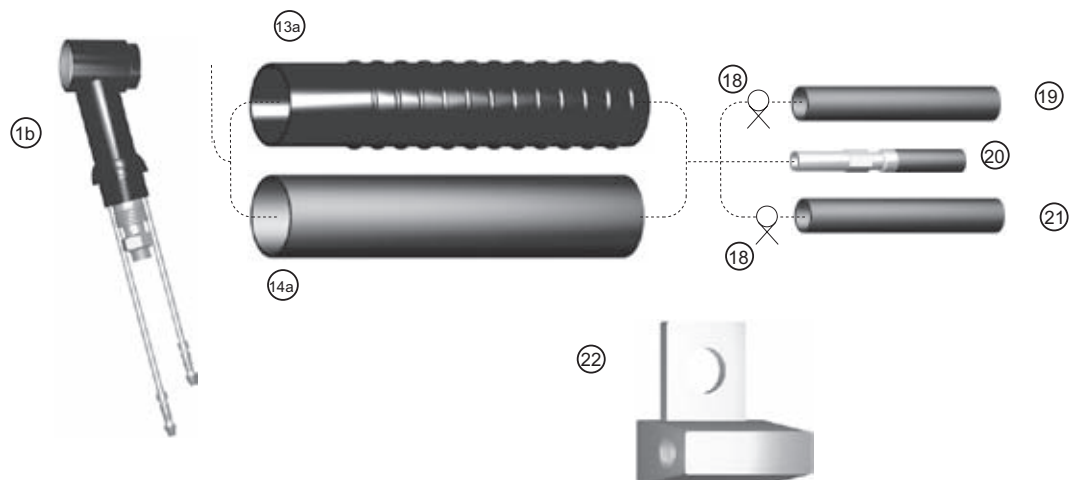
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# TIG TORCHES 9, 20, 24, 25

## 125 AMP AIR COOLED MODEL 9



## 250 AMP WATER COOLED MODEL 20



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# REPLACEMENT PARTS SUITABLE FOR TIG TORCHES 9, 20, 24, 25

Item	Part No.	Description	Torch	Std. Pkg.
1.	SR-9-12-2	125A Torch Pkg., 2 pc, 12'	9	1
	SR-9F-12R	125A Torch Pkg., 12'	9	1
	HP-9-12R	125A Torch Pkg., 12'	9	1
	HP-9-25R	125A Torch Pkg., 25'	9	1
	SR-9	125A Torch Body	9	1
	SR-9-12R	125A Torch Pkg., 12'	9	1
	SR-12-2	125A Torch Pkg., 2 pc, 12'	9	1
	SR-9-25R	125A Torch Pkg., 25'	9	1
	SR-9F	125A Torch Body, Flexible	9	1
	SR-9F-25R	125A Torch Pkg., 25'	9	1
1a.	SR-9FV	125A Torch Body, Flex with Valve	9	1
	SR-9FV-12R	125A Torch Pkg, 12' with Valve	9	1
	SR-9FV-25R	125A Torch Flex 25' with Valve	9	1
	SR-9V	125A Torch Body, with Valve	9	1
	SR-9V-12-2	125A Torch Pkg., 12' with Valve	9	1
	SR-9V-12R	125A Torch Pkg., 12' with Valve	9	1
	SR-9V-25R	125A Torch Pkg., 25' with Valve	20	1
1b.	HP-20	250A Torch Body	20	1
	HP-20-12	250A Torch Pkg., 12'	20	1
	HP-20-25	250A Torch Pkg., 25'	20	1
	SR-20	250A Torch Body	20	1
	SR-20-12	250A Torch Pkg., 12'	20	1
	SR-20-12R	250A Torch Pkg., 25'	20	1
	SR-20-25	250A Torch Pkg., 25'	20	1
	SR-20F-25R	250A Torch Pkg., 25'	20	1
	SR-20-25R	250A Torch Pkg., 25'	24	1
	HP-24	80 Amp Air-Cooled Torch	9,20	1
2.	41V33	Back Cap, Short	9,20	5
3.	41V35	Back Cap, Medium	9,20	5
4.	41V24	Back Cap, Long	9,20	5
5.	98W77	O-Ring	9,20	10
6.	598882	Cup Gasket	9,20	1
7.	13N21	Collet .040	9,20	5
	13N22	Collet 1/16	9,20	5
	12N23	Collet 3/32	9,20	5
	13N24	Collet 1/8	24	5
	53N14	Collet 1/16	24	5
	53N16	Collet .040	9	5
8.	13N26	Collet Body .040	9,20	5
	13N27	Collet Body 1/16	24	5
	13N28	Collet Body 3/32	9,20	5
	24CB3/32	Collet Body 3/32	24	5
	13N29	Collet Body 1/8	24	5
9.	45V41	Gas Lens .020	9,20	5

Item	Part No.	Description	Torch	Std. Pkg.
	45V42	Gas Lens .040	9,20	5
	45V43	Gas Lens 1/16	9,20	5
	45V44	Gas Lens 3/32	9,20	5
	45V45	Gas Lens 1/8	9,20	5
10.	13N08	Alumina Cup #4	9,20	10
	13N09	Alumina Cup #5	9,20	10
	13N10	Alumina cup #6	9,20	10
	13N11	Alumina Cup #7	9,20	10
	13N12	Alumina Cup #8	9,20	10
	13N13	Alumina Cup #10	9,20	10
10a.	13N14	Ceramic Cup #4	9,20	10
	13N18	Ceramic Cup #8	9,20	10
	53N27	Ceramic Cup #6	24	10
11.	14N65	Alumina Cup #4	9	10
	53N58	Alumina Cup #4	9,20,24,25	10
	53N59	Alumina Cup #5	9,20,24,25	10
	53N60	Alumina Cup #6	9,20,24,25	10
	53N61	Alumina Cup #7	9,20,24,25	10
	53N61S	Alumina Cup #8	9,20,24,25	10
12.	57N75	Alumina Cup #6	9,17,18,20	10
	57N74	Alumina Cup #8	9,17,18,20	10
	53N87	Alumina Cup #12	9,17,18,20	10
	53N88	Alumina Cup #10	9,17,18,20	10
	53N89	Alumina Cup, Short	9,17,18,20	10
13.	H-100R	Handle Ribbed	SR9,SR17	1
13a.	53N06R	Handle, Ribbed	HP9,HP20	1
14.	H-100	Handle, Smooth	SR9,SR17	1
14a.	53N06	Handle, Smooth	HP9,HP20	1
15.	57Y01R	Power Cable 12.5'	9V,17,17V	1
	57Y03R	Power Cable 25'	9V,17,17V	1
16.	57Y01-2	Power Cable 12.5' (2 piece)	9,17	1
	57Y03-2	Power Cable 25' (2 piece)	9,17	1
17.	105Z57	Power Cable Adapter	9,17	10
	45V10	Gas Hose 25'	20,24W,25	1
	40V77LR	Argon Hose Extension 25'	18,20,25	1
20.	45V03	Power Cable 12.5'	20,24W,25	1
	45V04	Power Cable 25'	20,24W,25	1
	40V78L	Extended Power Cable 25'	18,20,25	1
21.	45V07	Water Hose 12.5'	20,24W,25	1
	45V08	Water Hose 25'	20,24W,25	1
	40V76	Water Hose Extension 12.5'	18,20,25	1
22.	45V11	Power Cable Adapter	18,20,24W	1
23.	VS-2	Valve Knob & Stem	9V,17V	5
NS	53N66	Gas Lens Insulator	24	5

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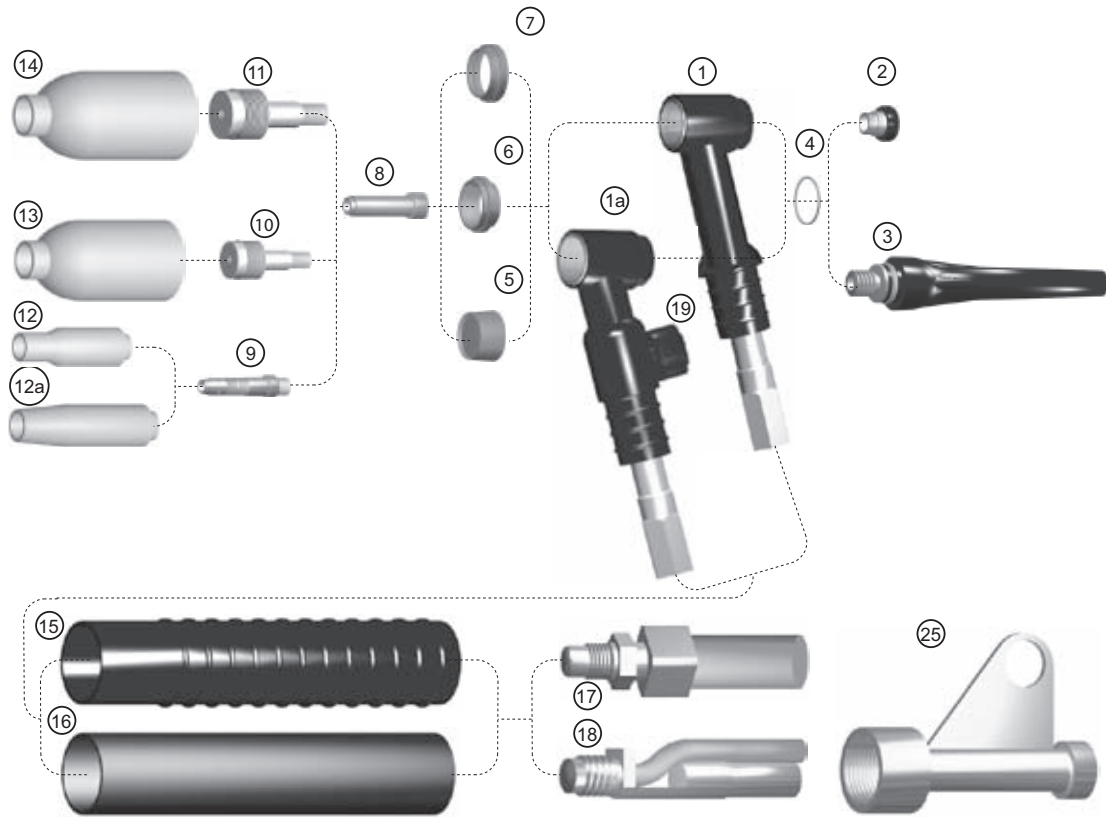
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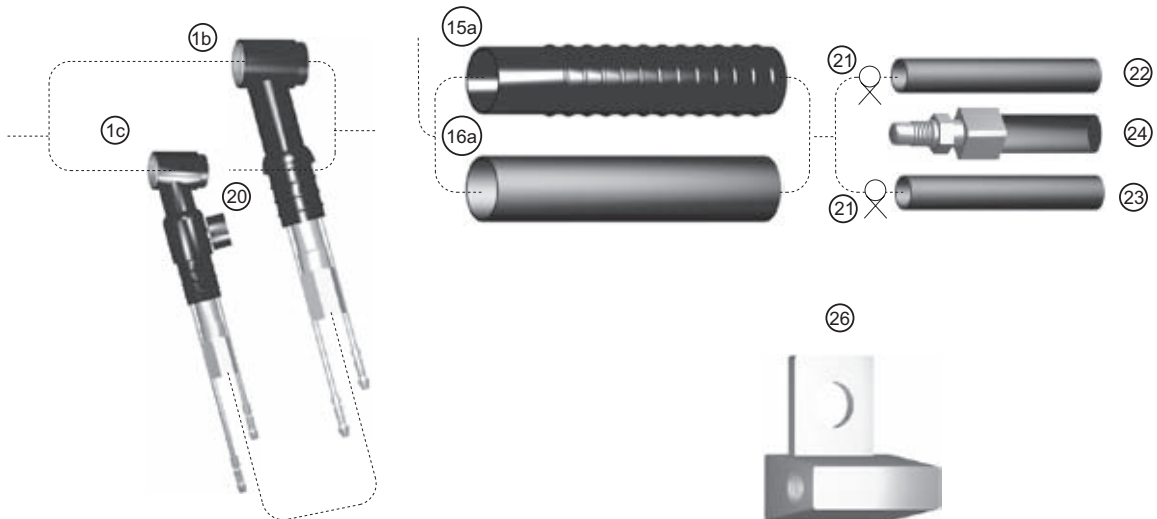
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# TIG TORCHES 17, 18, 26

150 AMP AIR COOLED MODEL 17  
200 AMP AIR COOLED MODEL 26



## 350 AMP WATER COOLED MODEL 18



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# REPLACEMENT PARTS SUITABLE FOR TIG TORCHES 17, 18, 26

Item	Part No.	Description	Torch	Std. Pkg.
1.	HP-17-12R	150A Torch Pkg., 12'	17	1
	HP-17-25R	150A Torch Pkg., 25'	17	1
	SR-17	150A Torch Body	17	1
	SR-17-12R	150A Torch Pkg., 12'	17	1
	SR-17-25-2	150A Torch Pkg,25' 2pc Hose	17	1
	SR-17-25R	150A Torch Pkg., 25'	17	1
	SR-17F	150A Flexible Torch Body	17	1
	SR-17F-12R	150 A Torch Pkg. 12' Flex	17	1
	SR-17F-25R	150A Torch Pkg. 25' Flex	17	1
	HP-26	200A Torch Body	26	1
	HP-26V	200A Torch Body, with Valve	26	1
	SR-26	200A Torch Body	26	1
	SR-26-12R	200A Torch Pkg., 12'	26	1
	SR-26-25-2	200A Torch Pkg,25' 2pc Hose	26	1
	SR-26-25R	200A Torch Pkg., 25'	26	1
	SR-26F-25R	200A Torch Pkg. 25' Flex	26	1
	SR-26F	200A Flexible Torch Body	26	1
1a.	HP-17V	150A Torch body with Valve	17	1
	HP-17V-12R	150A Torch Pkg,12' with Valve	17	1
	HP-17V-25R	150A Torch Pkg,25' with Valve	17	1
	SR-17FV-12-2	150A Torch Pkg. 12'2pc Hose/Valve	17	1
	SR-17FV-12R	150A Torch Pkg. 12', with Valve	17	1
	SR-17FV-25-2	150A Torch Pkg,25',2pc Hose/Valve	17	1
	SR-17FV	150A Torch Body Flex with Valve	17	1
	SR-17FV-25R	150A Torch Flex, 25' with Valve	17	1
	SR-17V	150A Torch Body with Valve	17	1
	SR-17V-12-2	150A Torch Pkg, 12' with Valve	17	1
	SR-17V-12R	150A Torch Pkg, 12' with Valve	17	1
	SR-17V-25-2	150A Torch Pkg, 25' 2 pc Hose	17	1
	SR-17V-25R	150A Torch Pkg, 25' with Valve	17	1
	SR-26V	200A Torch Body with Valve	26	1
	SR-26V-12R	200A Torch Pkg, 12' with Valve	26	1
	SR-26V-12-2	200A Torch Pkg., with Valve	26	1
	SR-26-12-2	200A Torch Pkg., 20c Cable	26	1
	SR-26V-25R	200A Torch Pkg, 25' with Valve	26	1
	SR-26FV	200A Torch Body,Flex with Valve	26	1
	SR-26FV-25R	200A Torch Pkg, 25' with Valve	26	1
	SR-26FV-25-2	200A Torch Pkg., 25', with Valve	26	1
1b.	HP-18-12	350A Torch Pkg, 12'	18	1
	HP-18-25	350A Torch Pkg, 25'	18	1
	HP-18	350A Torch Body	18	1
	SR-18	350A Torch Body	18	1
	SR-18-12	350A Torch Pkg, 12'	18	1
	SR-18-25	350A TorchPkg, 25'	18	1

Item	Part No.	Description	Torch	Std. Pkg.
1c.	SR-18V	350A Torch Body with Valve	18	1
	SR-18V-12	350A Torch Pkg, with Valve,12'	18	1
	SR-18V-25	350A Torch Pkg, with Valve, 25'	18	1
	SR-18-25R	350A Torch Pkg. 25'	18	1
	SR-18F-25R	350A W/Cooled Flex Torch 25'	18	1
2-3.		Back Caps	17,18,26	5
4.		O-Ring	17,18,26	10
5.		Cup Gasket	17,18,26	5
6-7.		Gas Lens Insulators	17,18,26	5
8.		Collets	17,18,26	5
9.		Collet Bodies	17,18,26	5
10-11.		Gas Lenses	17,18,26	5
12-14.		Alumina & Ceramic Cups	17,18,26	5
15.	H-100R	Handle, Ribbed	SR9,SR17	1
	105Z55R	Handle, Ribbed	HP17	1
15a.	H-200R	Handle, Ribbed	SR18,SR26	1
	10N15R	Handle, Ribbed	SR18,SR26	1
16.	H-100	Handle, Smooth	SR9,SR17	1
	105Z55	Handle, Smooth	HP17	1
16a.	10N15	Handle, Smooth	SR18,SR26	1
	54N84R	Handle, Ribbed	HP26	1
17.	57Y01R	Power Cable, 12.5'	9V,17,17V	1
	57Y03R	Power Cable, 25'	9V,17,17V	1
18.	57Y01-2	Power Cable, 12.5' (2 pc)	9,17	1
	57Y03-2	Power Cable, 25' (2 pc)	9,17	5
19.	VS-2	Valve Knob & Stem	9V,17V	5
	VS-1	Valve Knob & Stem	26V	10
21.	53N04	Hose Clamp	24	1
	40V76	Water Hose Ext., 12.5'	18,20,25	1
	41V32	Water Hose, 25'	18	1
	41V30	Gas Hose, 25'	18	1
	41V30R	Gas Hose, 25' Rubber	18	1
	45V10R	Gas Hose 25', Rubber	17	1
24.	46V30-2	Pwr Cable&Gas Hose (2pc)	26	1
	40V64	Power Cable 12.5'	18	1
	41V29	Power Cable 25'	18	1
	41V29R	Power Cable 25'	18	1
	46V28R	Power Cable, 12.5'	26	1
	46V30R	Power Cable, 25'	26	1
	45V62	Power Cable Adapter	26	1
25.	45V11	Power Cable Adapter	18,20,24W	1
	NS 18CG20	Stubby Cup Gasket	17,18,26	5
	NS 18-7	Insert	17,18,26	5

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# TIG TORCHES

## BACK CAPS

Part No	Description	Torches
57Y02	Long Back Cap	17,18,26
57Y04	Short Back Cup	17,18,26

Part No	Description	Torches
41V33	Short Back Cup	9,20
41V35	Medium Back Cup	9,20
41V24	Long Back Cap	9,20



## INSULATORS

Part No	Description	Torches
54N01	Gas Lens Insulator	17,18,26

Part No	Description	Torches
54N63	Large Diameter Gas Lens Insulator	17,19,26

Part No	Description	Torches
598882	Cup Gasket	9,20,25

Part No	Description	Torches
18CG	Cup Gasket	17,18,26

Part No	Description	Torches
18-7	Insert	17,18,26



## CABLE COVERS

Part No	Description	Std. Pkg.
310	Zytol cable cover, 3 x 10'	1
310V	Vytol cable cover, 3 x 10'	1
323	Zytol cable cover, 3 x 23'	1
323V	Vytol cable cover, 3 x 23'	1
410	Zytol cable cover, 4 x 10'	1
420	Zytol cable cover, 4 x 20'	1



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# REPLACEMENT PARTS SUITABLE FOR TIG TORCHES

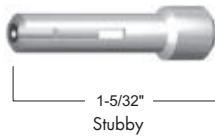
## COLLETS

Qty per pkg: 5

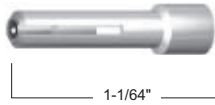
Size	Part No.	Torch
.020	10N21	17,18,26
.040	10N22	17,18,26
1/16	10N23	17,18,26
3/32	10N24	17,18,26
1/8	10N25	17,18,26
5/32	54N20	17,18,26



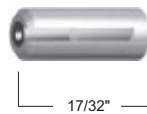
Size	Part No.	Torch
3/32	10N24S	17,18,26
1/8	10N25S	17,18,26



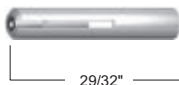
Size	Part No.	Torch
.040	13N21	9,20,25
1/16	13N22	9,20,25
3/32	13N23	9,20,25
1/8	13N24	9,20,25



Size	Part No.	Torch
.040	53N16	24,24W
1/16	53N14	24,24W
3/32	24C332	24,24W



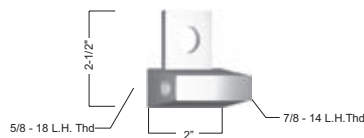
Size	Part No.	Torch
1/16	53N64	24,24W



## POWER CABLE ADAPTERS

Qty per pkg: 5

Part No.	Torch
45V11	18,20



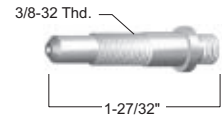
Part No.	Torch
105Z57	17/9



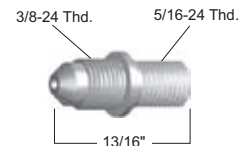
## COLLET BODIES

Qty per pkg: 5

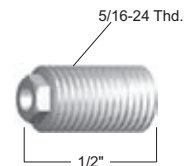
Size	Part No.	Torch
.020	10N29	17,18,26
.040	10N30	17,18,26
1/16	10N31	17,18,26
3/32	10N32	17,18,26
1/8	10N28	17,18,26
5/32	406488	17,18,26



Size	Part No.	Torch
.020	13N25	9,20,25
.040	13N26	9,20,25
1/16	13N27	9,20,25
3/32	13N28	9,20,25
1/8	13N29	9,20,25



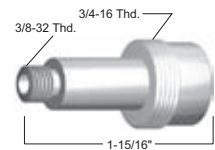
Size	Part No.	Torch
1/16	53N19	24,24W
3/32	24CB332	24,24W



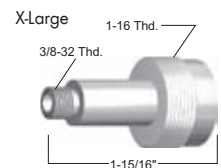
## GAS LENSES

Qty per pkg: 5

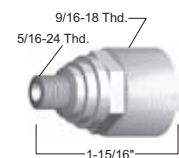
Size	Part No.	Torch
.020	45V29	17,18,26
1/16	45V25	17,18,26
3/32	45V26	17,18,26
1/8	45V27	17,18,26
5/32	45V28	17,18,26



Size	Part No.	Torch
3/32	45V64	17,18,26
1/8	995795	17,18,26



Size	Part No.	Torch
.040	45V42	9,20,24,25
1/16	45V43	9,20,24,25
3/32	45V44	9,20,24,25
1/8	45V45	9,20,24,25



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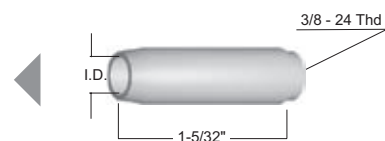
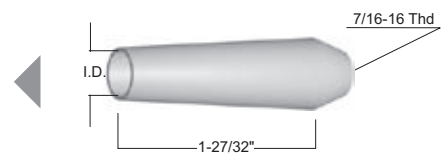
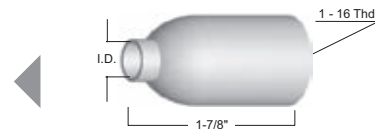
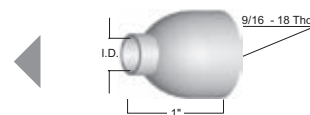
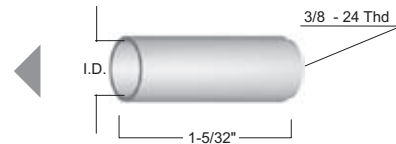
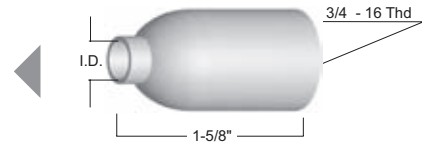
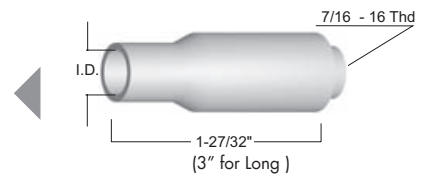
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# TIG TORCHES

ALUMINA CUPS Qty per package: 10

Part No	I.D.	Size	Torches
10N50	1/4"	4	17,18,26
10N49	5/16"	5	17,18,26
10N48	3/8"	6	17,18,26
10N47	7/16"	7	17,18,26
10N46	1/2"	8	17,18,26
10N45	5/8"	10	17,18,26
10N44	3/4"	12	17,18,26
54N18	1/4"	4	17,18,26
54N17	5/16"	5	17,18,26
54N16	3/8"	6	17,18,26
54N15	7/16"	7	17,18,26
54N14	1/2"	8	17,18,26
13N08	1/4"	4	9, 20, 25
13N09	5/16"	5	9, 20, 25
13N10	3/8"	6	9, 20, 25
13N11	7/16"	7	9, 20, 25
13N12	1/2"	8	9, 20, 25
13N13	5/8"	10	9, 20, 25
53N58	1/4"	4	9, 20, 24
53N59	5/16"	5	9, 20, 24
53N60	3/8"	6	9, 20, 24
53N61	7/16"	7	9, 20, 24
57N75	3/8"	6	17, 18, 26
57N74	1/2"	8	17, 18, 26
53N88	5/8"	10	17, 18, 26
53N87	3/4"	12	17, 18, 26
53N89	15/16"	Short	17, 18, 26
105Z42	5/16"	5	17, 18, 26
105Z43	1/4"	4	17, 18, 26
105Z44	3/8"	6	17, 18, 26
105Z45	7/16"	7	17, 18, 26
08N78	1/2"	8	17, 18, 26
08N79	5/8"	10	17, 18, 26
08N80	3/4"	12	17, 18, 26
13N14	1/4"	4	9, 20, 25
13N15	5/16"	5	9, 20, 25
13N16	3/8"	6	9, 20, 25
13N17	7/16"	7	9, 20, 25
13N17	1/2"	8	9, 20, 25
13N19	5/8"	10	9, 20, 25



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# ACCESSORIES





# THERMACUT

## Coolant Liquid



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  $\mu\text{s}/\text{cm}$ , pH 6-8, resist freezing to  $-12\text{ }^{\circ}\text{C}$  ( $+10\text{ }^{\circ}\text{F}$ ).
- CFBG Composition: de-ionized water and propylene glycol.
- CF2 Composition: de-ionized water and ethylene glycol.
- Coolant is fully compatible and mixable with original coolants.
- Ecological, fully degradable in the environment.

Item	Part No	Ref. No.	Description	Std. Pkg
1.		CFPG-1G	Inhibited Propylene Glycol based coolant	4
		CF2-1G	Ethylene Glycol based coolant	4

Last update of this page: 04/02/2015. See Revision history for details.

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# THERMACUT

## Electrical Conductivity Meter



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



- 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 brochere for electrode burn limits and product details.

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

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# THERMACUT

## Filter-EX



Filter for compressed air has been designed to remove moisture, oil aerosols and particulates coming from the 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* rather than replacement of, other dryers and filters. The Filter-EX will remove oil aerosols, smoke, moisture, and particulates passing through air line before entering equipment.

Filtering Degree: 0.01 µinch (0.25 µm)      Temperature Range: 15-140° (-10 - +60°)  
 Maximum Pressure: 125 PSI (8.5 bar)      Pipe Size: 1/4 NPT  
 Maximum Flow@ 80%: 2700 SCFH (1250 l/min.)      Dimension: 5.2 x 7.9" (132 x 200mm)

Item	Part No	Ref. No.	Description	Std. Pkg
1.	T-12452	T-12452	Air filter	1
2.	T-12453	T-12453	Cartridge for air filter	8

## Heat Shield Grease



Grease will make a strong heat shield barrier on the front shield of the torch and protect the parts effectively against melted spatter, which can destroy the parts.

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

Item	Part No	Ref. No.	Description	Std. Pkg
1.	T-11700	T-11700	Heat Shield Grease, 500ml	1
	T-11701	T-11701	Heat Shield Grease, 50ml	1

## O-Ring Lubricant - Grease



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

Item	Part No	Ref. No.	Description	Std. Pkg
1.	T-0994	T-0994	O-Ring lubricant - grease 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

## Thermacut consumable case suitable for HYPERTHERM® HPR130®/HPR260®

Portable and practical consumable case contains the mild steel cutting line of 130A and 260A consumables suitable for the Hypertherm® HPR130®/HPR260® 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, Silver PRO 130A(=220665-PRO)	1
5.	T-11138	220163	Receptacle Q. D. Original design	1	#17.	T-11197#	220435-PRO	Electrode, Silver PRO 260A(=220668-PRO)	1
6.	T-11137	220162	Torch Q. D. Orig. design (included 2pcs cooling tube 220340-UR)	1	#18.	T-4917#	220181-AG	Electrode, SilverEX® 130A	1
7.	T-9882#	220340-UR	Water Tube With O-Ring	1	#19.	T-4926#	220435-AG	Electrode, SilverEX® 260A	1
**8.	T-9970**	220440-UR	Shield 260A	4	20.	T-0994	T-0994	O-Ring lubricant - grease 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  
-PRO SILVER PRO TECHNOLOGY INCREASES ELECTRODE LIFETIME SIGNIFICANTLY COMPARED TO STANDARD COPPER ELECTRODES

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# THERMACUT

## Thermacut consumable case suitable for HYPERTHERM® HPR130XD®/HPR260XD®

Portable and practical consumable case contains the mild steel cutting line of 130A and 260A consumables suitable for the Hypertherm® HPR130®/HPR260® 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 200/260A	1	#16.	T-11203#	220181-PRO	Electrode, Silver PRO 130A(=220665-PRO)	1
5.	T-11844	220705	Quick - Disconnect Receptacle	1	#17.	T-11197#	220435-PRO	Electrode, Silver PRO 260A(=220668-PRO)	1
6.	T-11834	220706	Quick - Disconnect Torch	1	#18.	T-4917#	220181-AG	Electrode, SilverEX® 130A	1
#7.	T-10472#	220700-UR	Water Tube With O-Ring 80/130A, Bevel	1	#19.	T-4926#	220435-AG	Electrode, SilverEX® 260A	1
8.	T-11277	220764-UR	Shield 260A	4	20.	T-0994	T-0994	O-Ring lubricant - grease 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

# 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

2. 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

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

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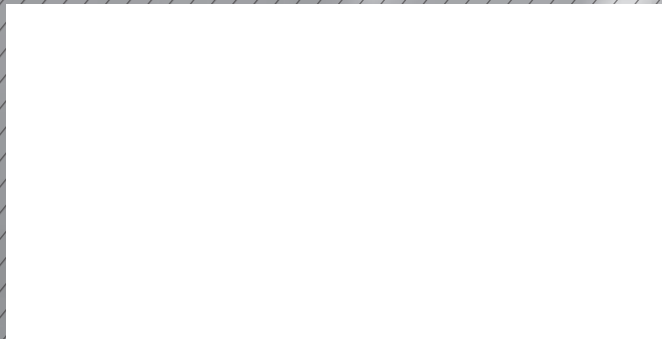
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