



# PLASMA CATALOG

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

# A PROGRESSIVE COMPANY FOR AN EVOLVING MARKET

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

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

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

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

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

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

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

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

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

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



**THERMACUT®**  
THE CUTTING COMPANY®

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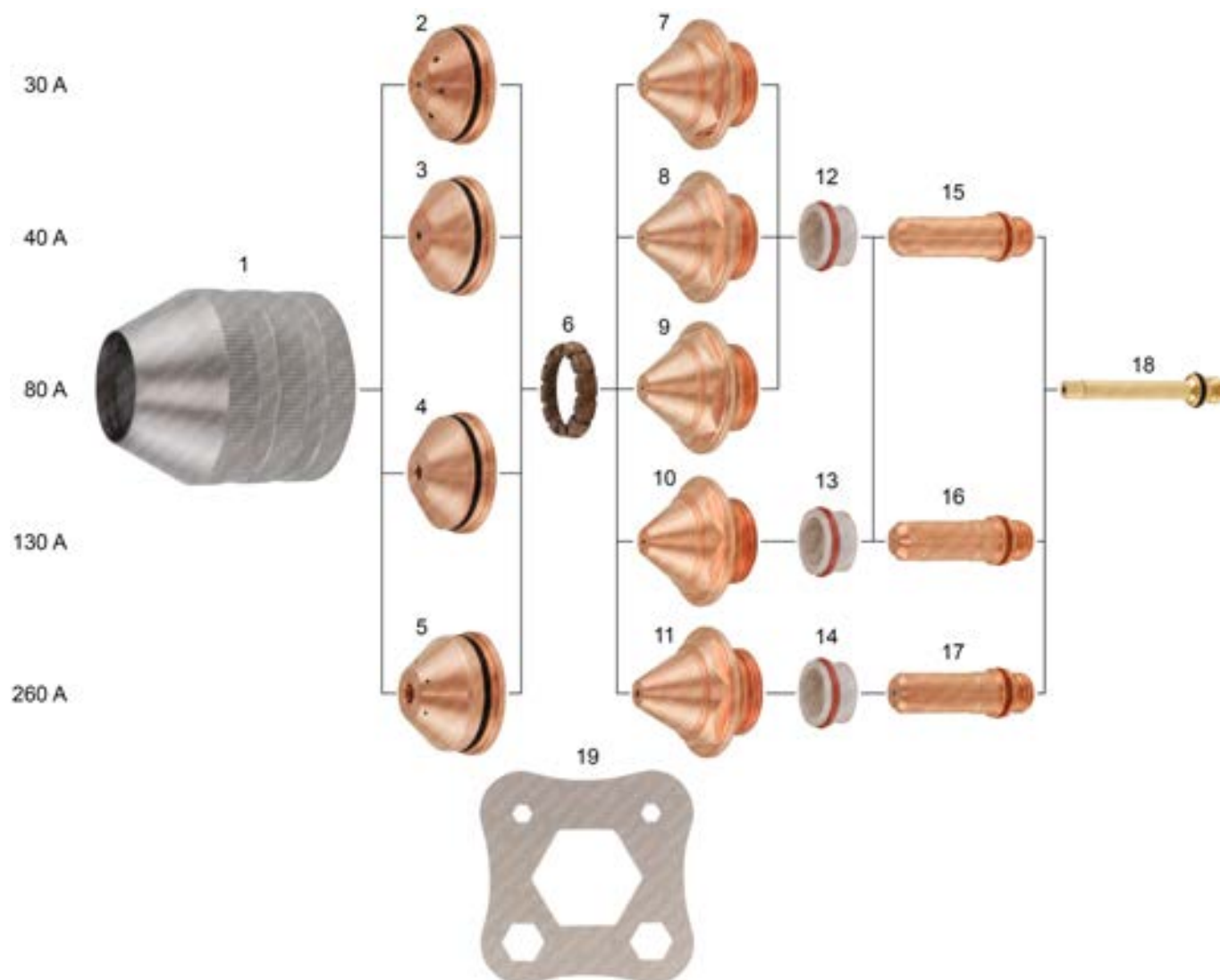
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A grayscale photograph of a worker in a factory setting. The worker is wearing safety glasses and large earplugs, and is operating a plasma cutting machine. The machine is positioned over a metal workpiece, and a bright, intense light is visible at the point of contact, indicating the cutting process. The worker is looking towards the camera. The background shows industrial equipment and a factory environment.

# PLASMA CUTTING

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



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

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

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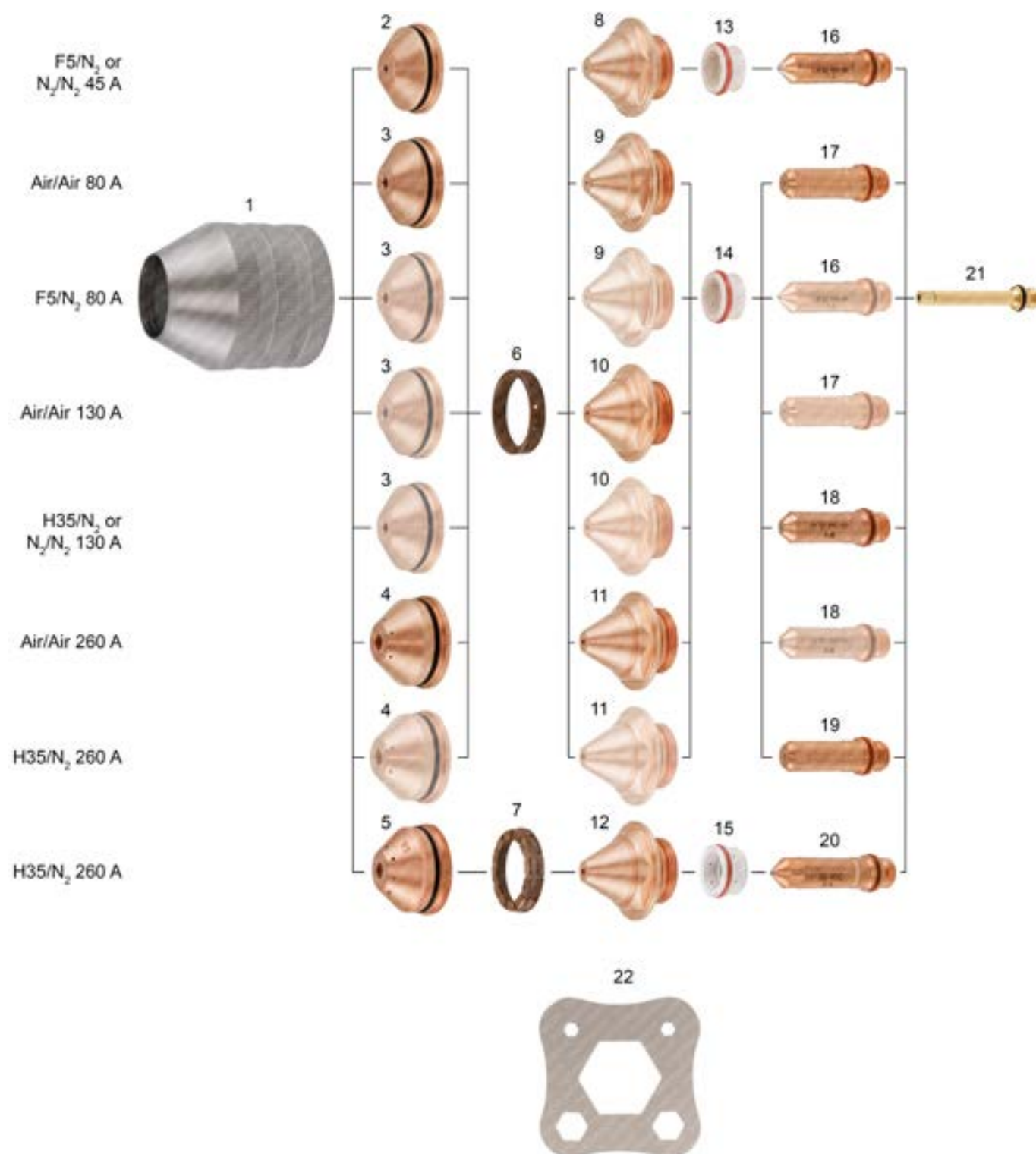
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
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HP260A™ STAINLESS STEEL**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR AJAN® HP260A™ STAINLESS 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         | *13. | T-11338* | SW1-UR           | Swirl Ring 30-80A                       | 1         |
| 2.   | T-11335  | S2       | Shield 40A                             | 10        | *14. | T-11339* | SW2-UR           | Swirl Ring 130A                         | 1         |
| 3.   | T-11336  | S3       | Shield 80/130A                         | 10        | *15. | T-13144* | SW4-UR           | Swirl Ring 260A SS 50mm+                | 1         |
| 4.   | T-11337  | S4       | Shield 260A                            | 10        | 16.  | T-13138  | E2               | Electrode 45-80A, F5-N <sub>2</sub>     | 5         |
| 5.   | T-13143  | S5       | Shield 260A SS, AL                     | 10        | 17.  | T-11342  | E1               | Electrode 130A                          | 5         |
| 6.   | T-13141  | G2       | Gas Ring 45-80A 130-260A SS, AL        | 1         | 18.  | T-13139  | E4               | Electrode 130A-260A, H35-N <sub>2</sub> | 5         |
| 7.   | T-13142  | G3       | Gas Ring 260A SS                       | 1         | 19.  | T-11343  | E3               | Electrode 260A                          | 5         |
| 8.   | T-11330  | N2       | Nozzle 40A                             | 1         | 20.  | T-13140  | E5               | Electrode 260A SS 50mm+                 | 5         |
| 9.   | T-12262  | N4       | Nozzle 80A SS                          | 1         | 21.  | T-11327  | B1               | Cooling Tube                            | 1         |
| 10.  | T-12263  | N6       | Nozzle 130A SS                         | 1         | *22. | T-11351* | 100-07-106535-UR | Consumable Removal Tool                 | 1         |
| 11.  | T-12264  | N8       | Nozzle 260A SS, AL, Air                | 1         |      |          |                  |                                         |           |
| 12.  | T-12265  | N9       | Nozzle 260A SS, AL, H35/N <sub>2</sub> | 1         |      |          |                  |                                         |           |

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

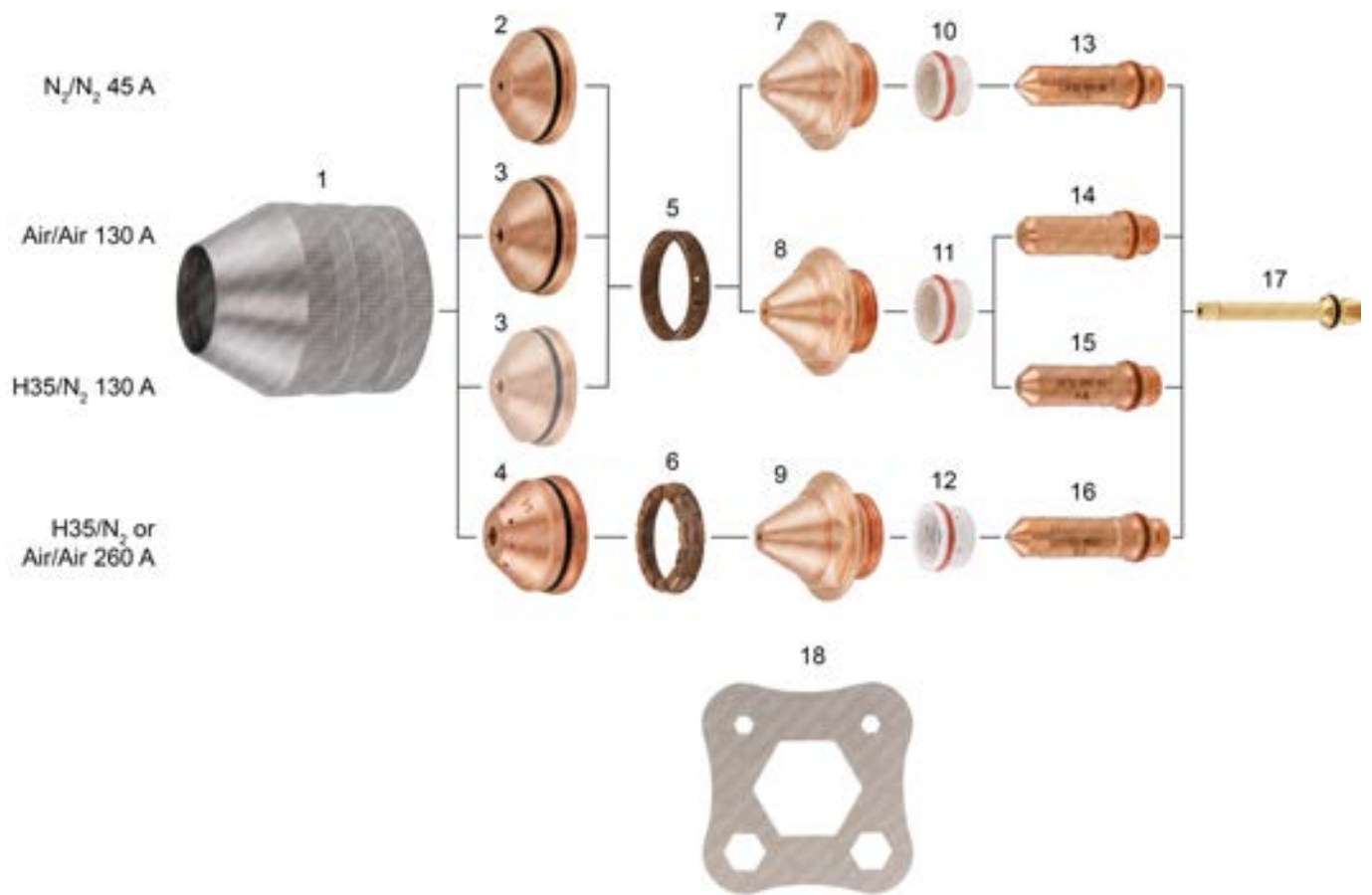
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# **THERMACUT® REPLACEMENT PARTS SUITABLE FOR AJAN® HP260A™ ALUMINIUM**



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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR AJAN® HP260A™ ALUMINIUM

| 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-11339* | SW2-UR           | Swirl Ring 130A                         | 1         |
| 2.   | T-11335  | S2       | Shield 40A                             | 10        | *12. | T-13144* | SW4-UR           | Swirl Ring 260A SS 50mm+                | 1         |
| 3.   | T-11336  | S3       | Shield 80/130A                         | 10        | 13.  | T-13138  | E2               | Electrode 45-80A, F5-N <sub>2</sub>     | 5         |
| 4.   | T-13143  | S5       | Shield 260A SS, AL                     | 10        | 14.  | T-11342  | E1               | Electrode 130A                          | 5         |
| 5.   | T-13141  | G2       | Gas Ring 45-80A 130-260A SS, AL        | 1         | 15.  | T-13139  | E4               | Electrode 130A-260A, H35-N <sub>2</sub> | 5         |
| 6.   | T-13142  | G3       | Gas Ring 260A SS                       | 1         | 16.  | T-13140  | E5               | Electrode 260A SS 50mm+                 | 5         |
| 7.   | T-11330  | N2       | Nozzle 40A                             | 1         | 17.  | T-11327  | B1               | Cooling Tube                            | 1         |
| 8.   | T-12263  | N6       | Nozzle 130A SS                         | 1         | *18. | T-11351* | 100-07-106535-UR | Consumable Removal Tool                 | 1         |
| 9.   | T-12265  | N9       | Nozzle 260A SS, AL, H35/N <sub>2</sub> | 1         |      |          |                  |                                         |           |
| *10. | T-11338* | SW1-UR   | Swirl Ring 30-80A                      | 1         |      |          |                  |                                         |           |

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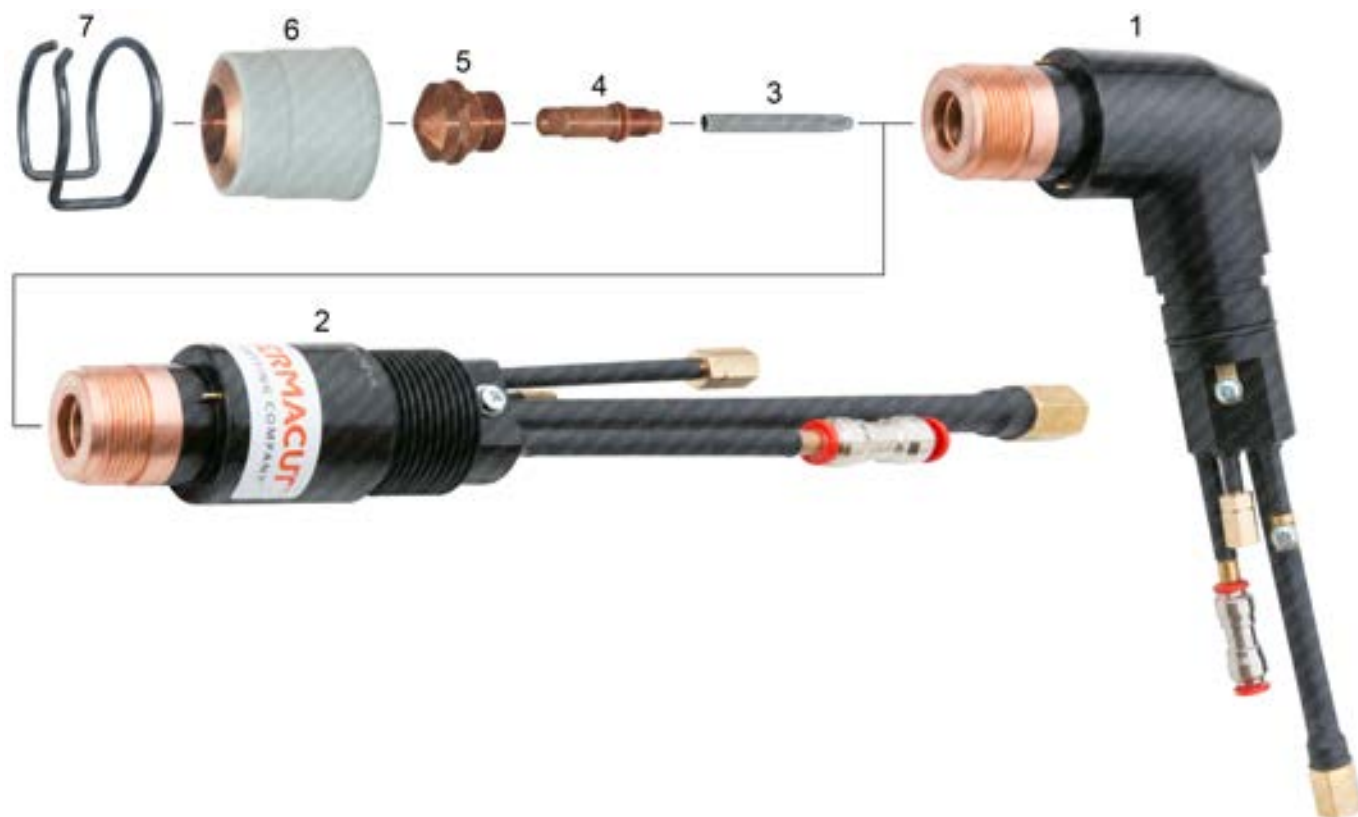
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®200



| Item | Part No. | Ref. No. | Description    | Std. Pkg. | Item  | Part No. | Ref. No.        | Description                                        | Std. Pkg. |
|------|----------|----------|----------------|-----------|-------|----------|-----------------|----------------------------------------------------|-----------|
| 1.   | T-11949  | 1355     | Hand Torch 70° | 1         | 6.    | T-5424   | 1905            | Shield Cap                                         | 1         |
| 2.   | T-11856  | 1357     | Machine Torch  | 1         | 7.    | T-0400   | 1386            | Spacer Spring                                      | 1         |
| 3.   | PT-10455 | 1357-6   | Cooling Tube   | 1         | NS    | KT-1319  | 1235            | CP®200 Mach. Torch with Leads 4m, fittings         | 1         |
| 4.   | T-9688   | 1367     | Electrode      | 5         | NS    | KT-1320  | K.CP200.4M.K    | CP®200 Cable Leads 4m, fittings                    | 1         |
| 5.   | T-5420   | 1842     | Nozzle 1.0mm   | 5         | NS    | KT-1321  | K.CP200.6M.CK.K | CP®200 Cable Leads 6m with centr. conn.            | 1         |
|      | T-5421   | 1843     | Nozzle 1.3mm   | 5         | NS    | KT-1125  | 1234            | CP®200 Mach. Torch with Leads 6m with centr. conn. | 1         |
|      | T-5422   | 1844     | Nozzle 1.6mm   | 5         | NS    | KT-1103  | 1234.10         | CP®200 Mach. Torch with Leads 9m with centr. conn. | 1         |
|      | T-5423   | 1845     | Nozzle 1.8mm   | 5         | OD NS | KT-1104  | K.CP200.9M.CK.K | CP®200 Cable Leads 9m with centr. conn.            | 1         |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

**NS** NOT SHOWN IN THE PICTURE

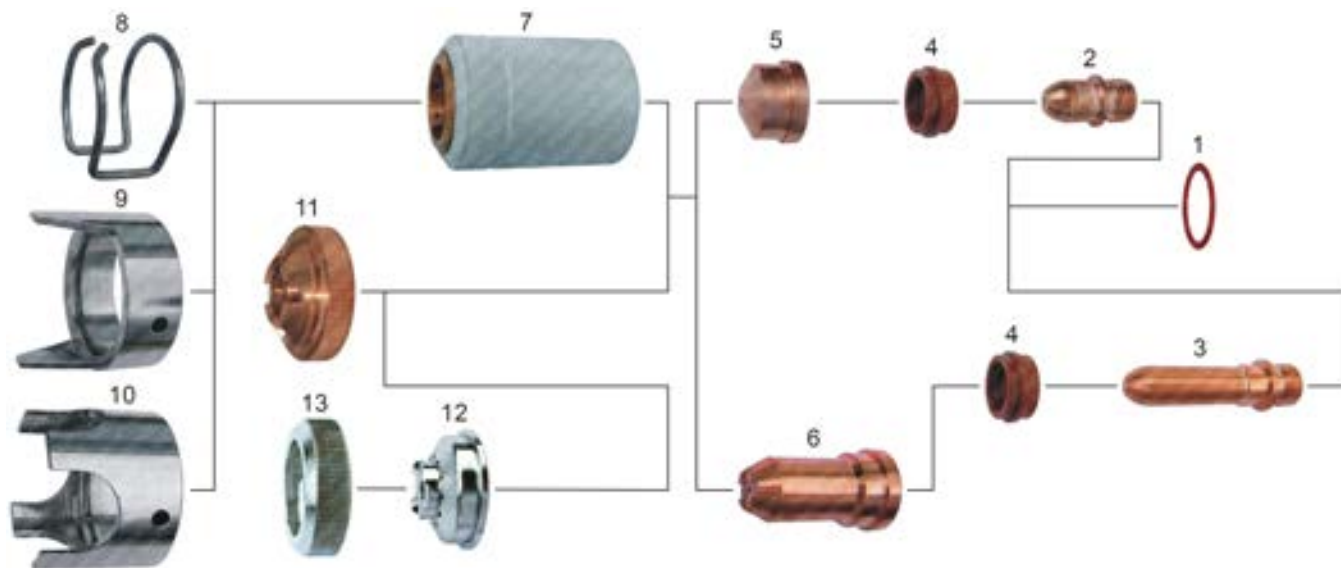
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® HP100™, MP100™



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

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**NS** NOT SHOWN IN THE PICTURE

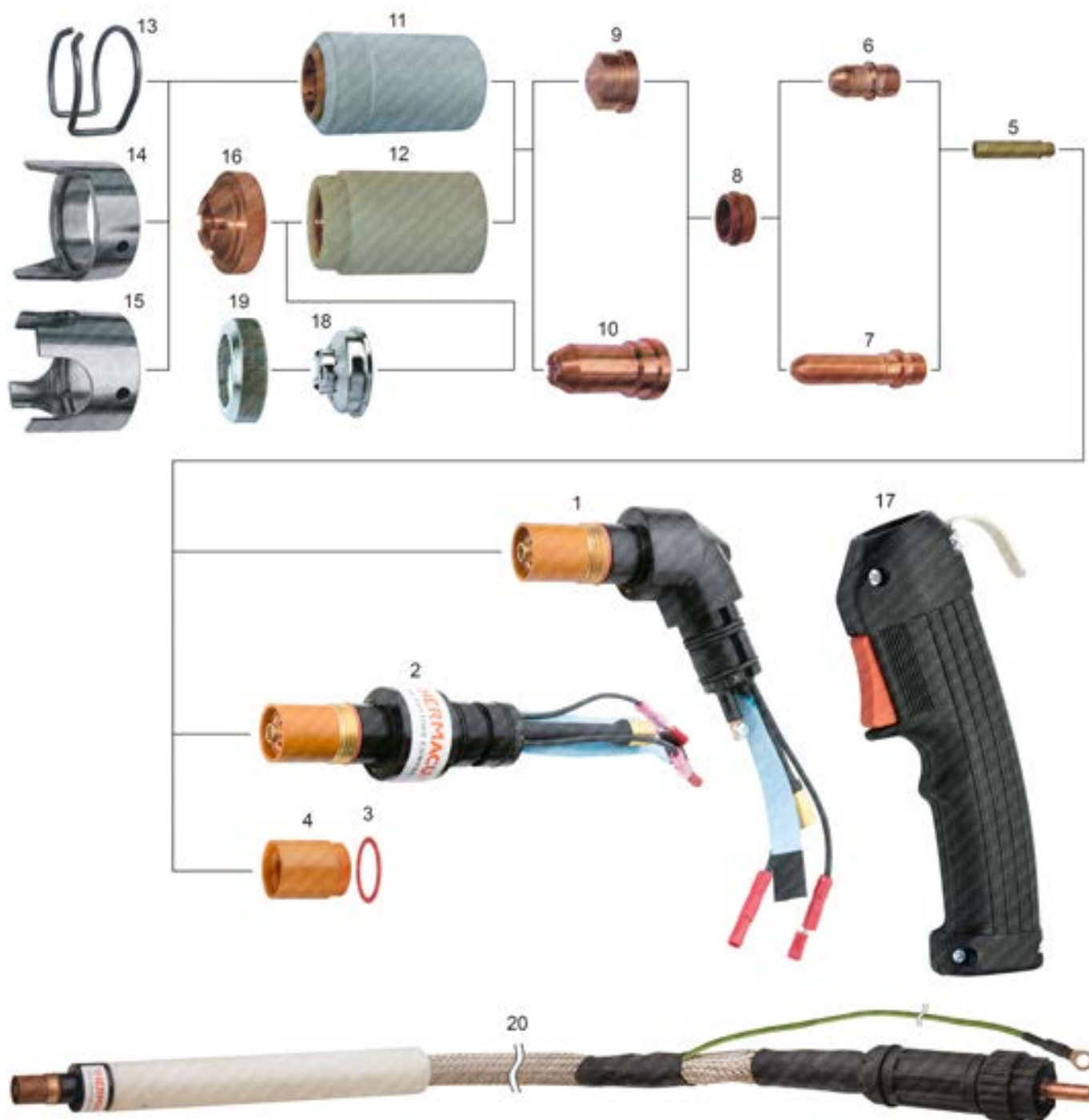
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®160



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

| Item  | Part No. | Ref. No. | Description                  | Std. Pkg. | Item                                                | Part No. | Ref. No.          | Description                                           | Std. Pkg. |
|-------|----------|----------|------------------------------|-----------|-----------------------------------------------------|----------|-------------------|-------------------------------------------------------|-----------|
| 1.    | T-8955   | 1353     | Torch Body, Hand             | 1         | 13.                                                 | T-0400   | 1386              | Spacer Spring                                         | 1         |
| 2.    | T-8746   | 1354     | Torch Body, Machine          | 1         | 14.                                                 | T-0643   | 1408              | Double Pointed Spacer                                 | 6         |
| OD 3. | T-0411   | 1398     | O-Ring                       | 10        | OD 15.                                              | T-5003   | CV14              | Crown Spacer                                          | 6         |
| 4.    | T-9377   | 40941    | Torch Insulator              | 1         | 16.                                                 | T-5401   | 1392              | Shield Cup                                            | 10        |
| 5.    | T-0410   | 1378     | Brass Diffuser               | 5         | 17.                                                 | T-5068   | TP10              | Handle with Switch                                    | 1         |
| 6.    | T-0408   | 1376     | Electrode                    | 10        | 18.                                                 | T-9370   |                   | Spacer for Contact Cutting                            | 10        |
| 7.    | T-0409   | 1517     | Electrode, Long              | 10        | 19.                                                 | T-9375   |                   | Locking Nut                                           | 10        |
| 8.    | T-0407   | 1377     | Swirl Ring                   | 2         | NS                                                  | KT-1048  | 1576              | CP®160-H Torch with Leads 6m with centr. conn.        | 1         |
|       | T-8959   | 1377-CW  | Swirl Ring                   | 2         | NS                                                  | KT-1057  | 1571              | CP®160-H Torch with Leads 6m, fittings                | 1         |
| 9.    | T-0402   | 1371     | Nozzle 1.1mm 50A             | 5         | NS                                                  | KT-1070  | K.CP160H.6M.CK.K  | CP®160-H Cable Leads, Hand. 6m with centr. conn.      | 1         |
|       | T-0403   | 1372     | Nozzle 1.3mm 90A             | 5         | NS                                                  | KT-1083  | 1578              | CP®160-H Hand Torch with Leads 12m with centr. conn.  | 1         |
|       | T-0404   | 1373     | Nozzle 1.6mm 120A            | 5         | 20.                                                 | KT-1128  | 1577              | CP®160-M Mach. Torch with Leads 6m with centr. conn.  | 1         |
|       | T-0405   | 1374     | Nozzle 1.8mm 160A            | 5         |                                                     | KT-1086  | 1579              | CP®160-M Mach. Torch with Leads 12m with centr. conn. | 1         |
| 10.   | T-0406   | 1369     | Nozzle, Long                 | 5         |                                                     | KT-1273  | K.CP160M.12M.CK.K | CP®160-M Cable Leads, Mach. 12m with centr. conn.     | 1         |
| 11.   | T-0401   | 1389     | Retaining Cap                | 1         | NS                                                  | KT-1419  | K.CP160M.12M      | CP®160-M Mach. Torch with Leads 12m, fittings         | 1         |
| 12.   | T-5400   | 1390     | Contact Nozzle Retaining Cap | 10        | Different types of cable leads available on request |          |                   |                                                       |           |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

**NS** NOT SHOWN IN THE PICTURE

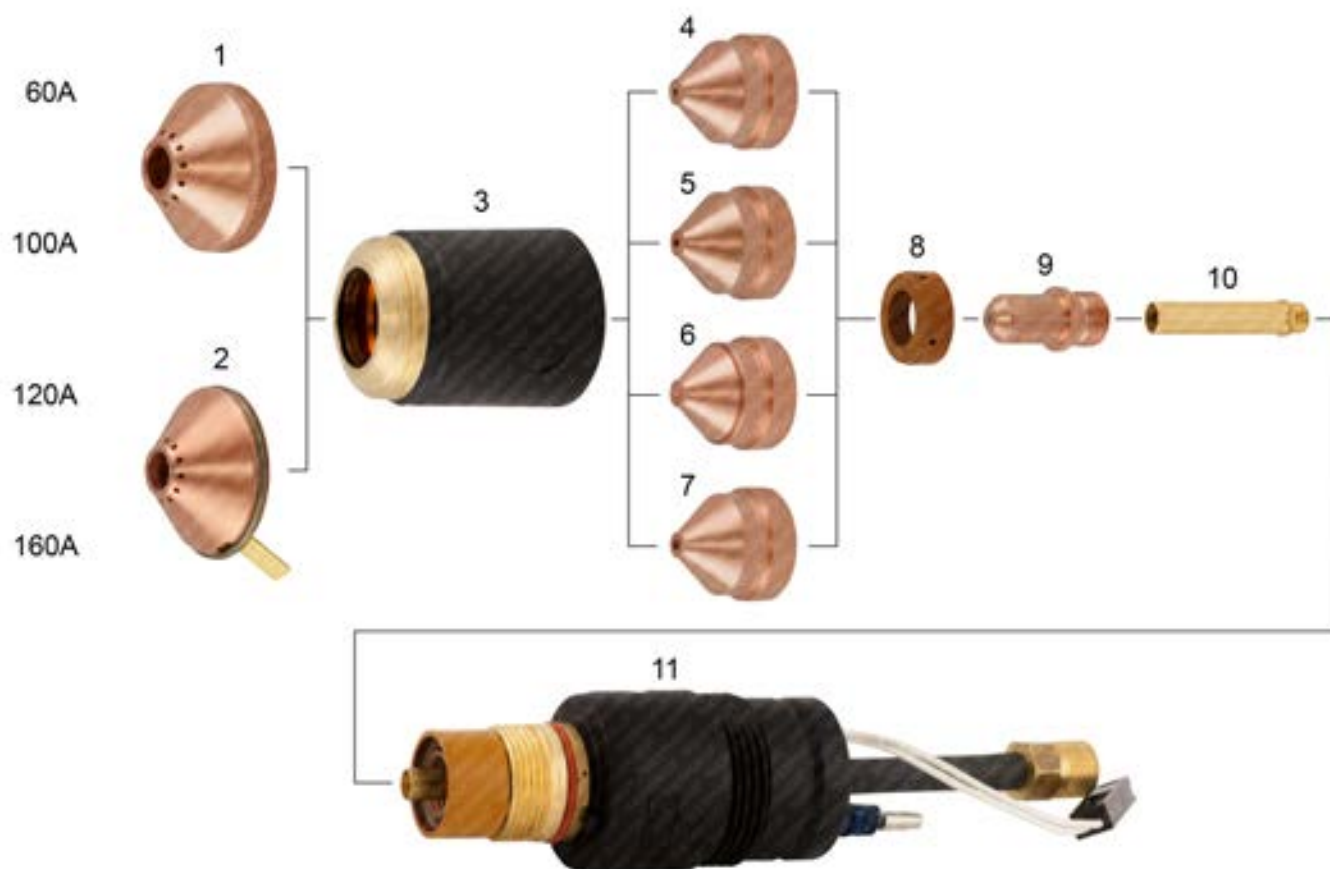
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®161



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

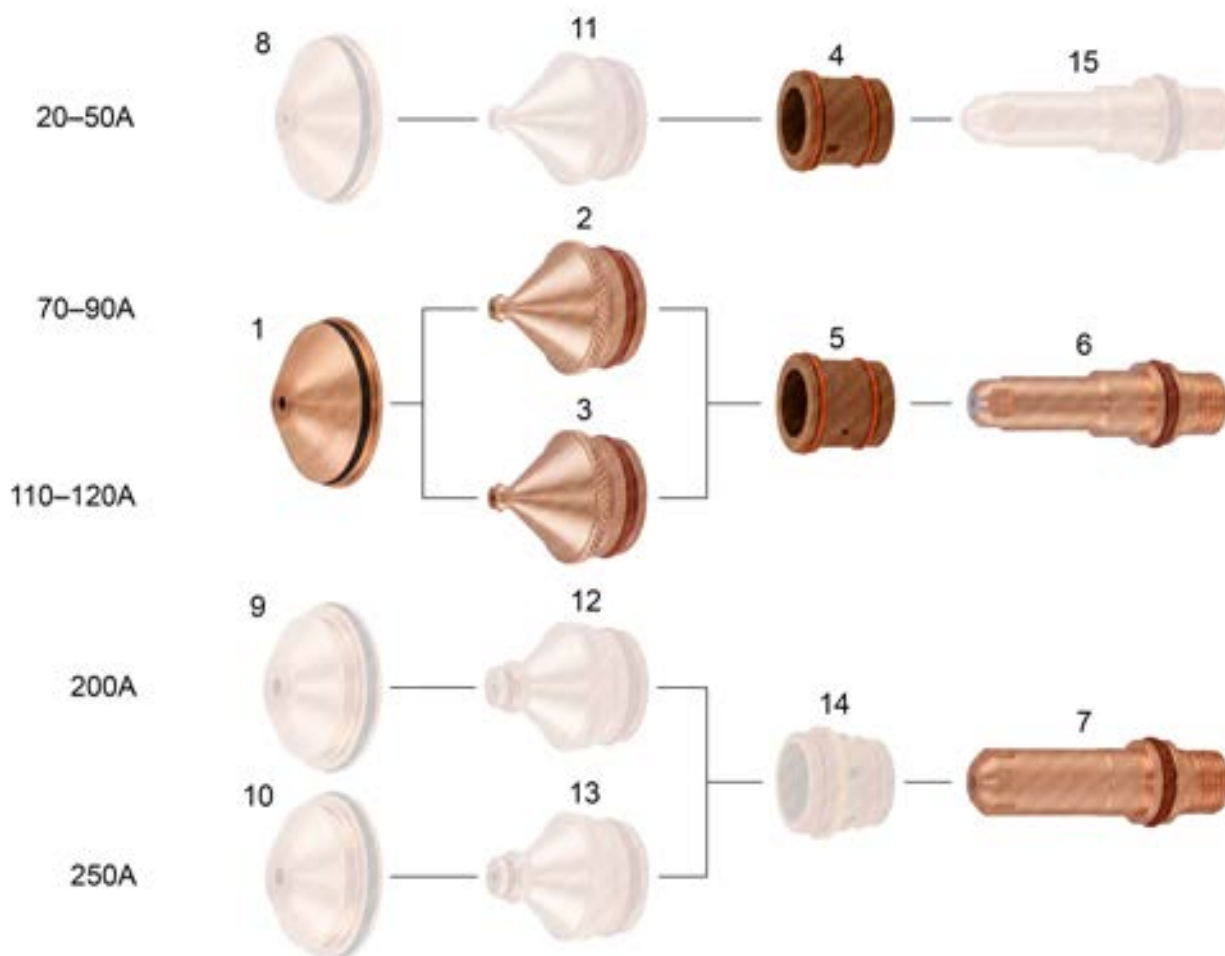
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR CEBORA® CP®251G



| Item  | Part No. | Ref. No. | Description        | Std. Pkg. | Item                                      | Part No. | Ref. No. | Description        | Std. Pkg. |
|-------|----------|----------|--------------------|-----------|-------------------------------------------|----------|----------|--------------------|-----------|
| 1.    | TN-0130  | 1990     | Shield 70/120A     | 1         | 5.                                        | TN-0127  | 1967     | Swirl Ring 70/120A | 5         |
| 2.    | TN-0128  | 1853     | Tip 1.1mm 70/90A   | 10        | 6.                                        | TN-0126  | 1870     | Electrode 70/120A  | 10        |
| 3.    | TN-0129  | 1854     | Tip 1.3mm 110/120A | 10        | 7.                                        |          | 1874     | Electrode 200/250A |           |
| OD 4. | TN-0123  | 1968     | Swirl Ring 20/50A  | 5         | 8.-15. Not available any more – OEM only. |          |          |                    |           |

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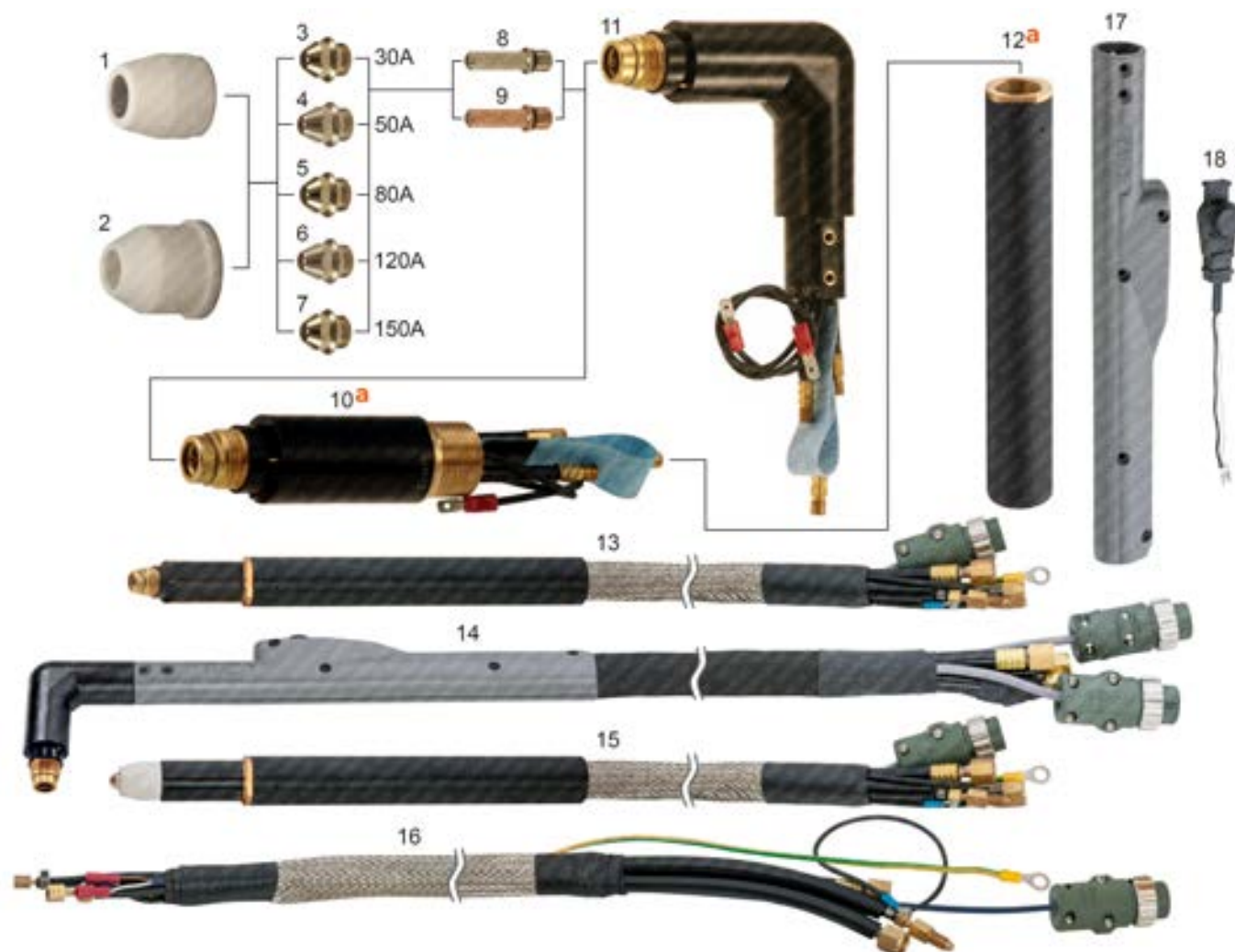
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
DAIHEN®/OTC®  
CTPW-1201™, CTZW-1201™  
D-12000**



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

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

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

**a** NOT INTERCHANGEABLE WITH OEM. TORCH BODY H840B00-UR AND TUBE T-11295 MUST BE USED TOGETHER AS THE SET, CONNECTION THREAD IS DIFFERENT COMPARED TO OEM.

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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

**NS** NOT SHOWN IN THE PICTURE

**W/** WITH

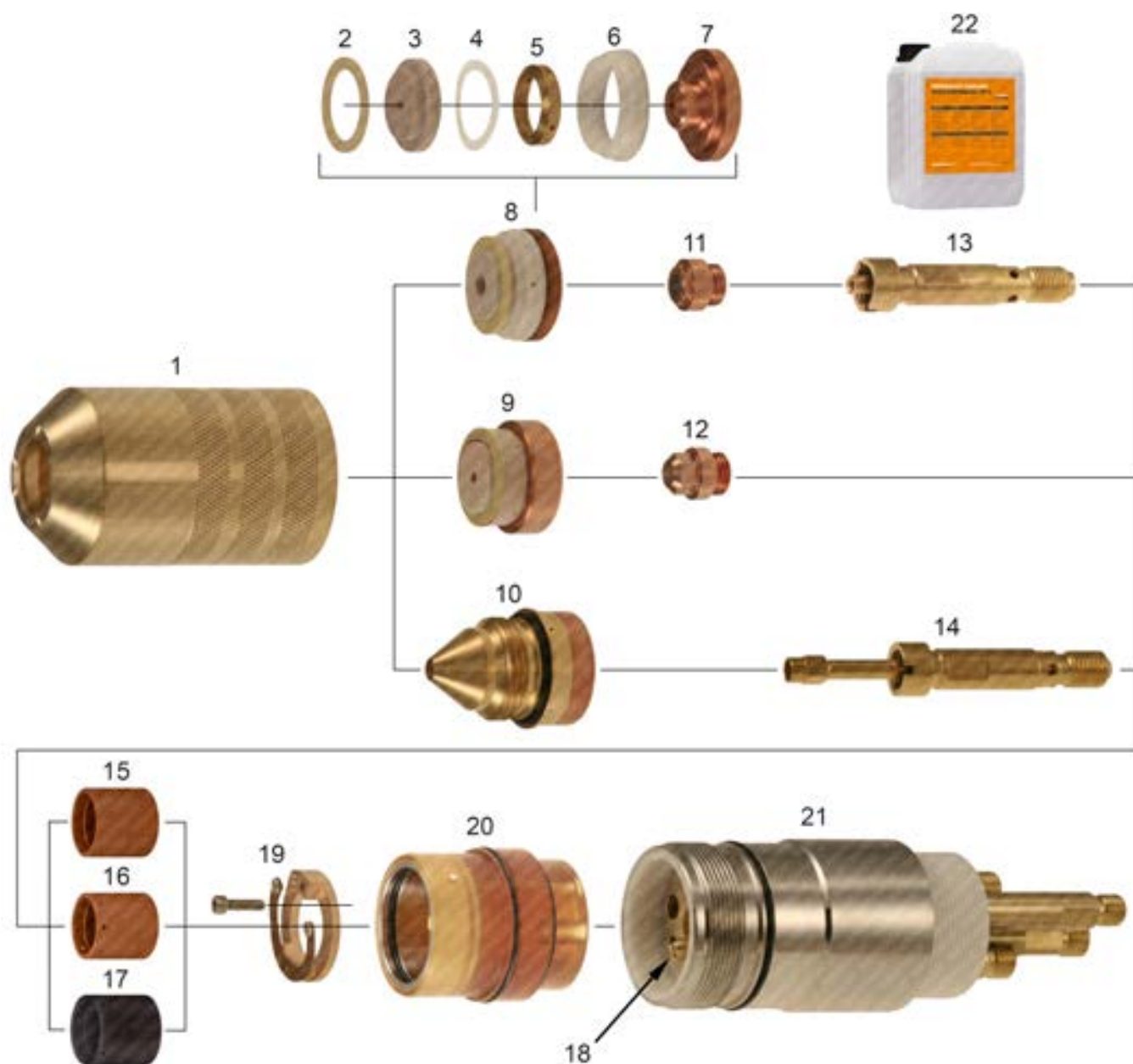
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-15™, PT-15XL™**



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

| Item   | Part No. | Ref. No. | Description                          | Std. Pkg. | Item   | Part No.                                                      | Ref. No.       | Description                         | Std. Pkg. |
|--------|----------|----------|--------------------------------------|-----------|--------|---------------------------------------------------------------|----------------|-------------------------------------|-----------|
| 1.     | T-0355   | 20758    | Nozzle Retaining Cup, O <sub>2</sub> | 1         | OD NS  | T-11325                                                       | 0558005866     | Nozzle 400A, Bevel, O <sub>2</sub>  | 1         |
| 2.     | T-0354   | 996628   | Gasket                               | 5         | 11.    | T-0328                                                        | 600236         | Electrode 250-1000A, N <sub>2</sub> | 5         |
| 3.     | T-0350   | 2075693  | Insulator 0.140"                     | 5         | 12.    | T-0329                                                        | 20763          | Electrode 260A, O <sub>2</sub>      | 5         |
|        | T-0351   | 2075617  | Insulator 0.180"                     | 5         | 13.    | T-0326                                                        | 2075343        | Electrode Holder                    | 1         |
|        | T-0352   | 2075606  | Insulator 0.225"                     | 5         | 14.    | T-1253                                                        | 34084          | Electrode Holder                    | 1         |
|        | T-1604   | 2075588  | Insulator 0.500"                     | 5         | 15.    | T-0322                                                        | 948142         | Gas Swirl Baffle, 4 Hole, CW        | 1         |
| NS     | T-10683  | 20409-UR | Insulator                            | 5         | 16.    | T-2019                                                        | 35660          | Gas Swirl Baffle, 8 Hole, CW        | 1         |
| 4.     | T-0349   | 996619   | Spacer                               | 1         | OD 17. | T-1869                                                        | 1361201        | Gas Swirl Baffle, 8 Hole, CW        | 1         |
| 5.     | T-0346   | 2075584  | Swirl Ring, 4 Hole, CW               | 1         | 18.    | T-1247                                                        | 996242         | Locating Pin                        | 5         |
|        | PT-10567 | 2075616  | Swirl Ring, 4 Hole, CCW              | 1         | OD 19. | T-1248                                                        | 21940 OEM      | Contact Ring                        | 1         |
| 6.     | T-0348   | 996618   | Centering Sleeve                     | 1         | 20.    | T-0319                                                        | 20755          | Insulator                           | 1         |
| 7.     | T-0345   | 19810    | Nozzle Base 875-1000A                | 1         | 21.    | T-0318                                                        | 20754          | Torch Body, Machine                 | 1         |
|        | T-0342   | 2075608  | Nozzle Base 400A                     | 1         | NS     | KT-1447                                                       | 20762          | PT-15XL™ Torch with Leads 1.8m (6') | 1         |
|        | T-0343   | 2075609  | Nozzle Base 600A                     | 1         | NS     | T-13231                                                       | K.PT-15XL.3M   | PT-15XL™ Torch with Leads 3m (10')  | 1         |
| 8.     | T-0332   | 2075611  | Nozzle 400A, N <sub>2</sub>          | 1         | NS     | KT-1159                                                       | 000128         | PT-15XL™ Cable Leads 1.8m (6')      | 1         |
|        | T-1966   | 2075612  | Nozzle 600A, N <sub>2</sub>          | 1         | NS     | KT-1118                                                       | K.PT-15XL.3M.K | PT-15XL™ Cable Leads 3m (10')       | 1         |
| OD     | T-0338   | 2075587  | Nozzle 875-1000A, H35                | 1         | NS     | KT-1160                                                       | 000124         | PT-15XL™ Cable Leads 5.1m (17')     | 1         |
|        | T-1976   | 2075691  | Nozzle 250A, N <sub>2</sub>          | 1         | NS     | KT-1158                                                       | 000129         | PT-15XL™ Cable Leads 6.1m (20')     | 1         |
| OD 9.  | T-1716   | 35664    | Nozzle 340A, O <sub>2</sub>          | 1         | NS     | KT-1105                                                       | 000328         | PT-15XL™ Cable Leads 7.6m (25')     | 1         |
|        | T-0339   | 20751    | Nozzle 260A, O <sub>2</sub>          | 1         | 22.    | Coolant Liquid. Details on the page 148, section Accessories. |                |                                     |           |
| OD     | T-1715   | 35662    | Nozzle 300A, O <sub>2</sub>          | 1         |        |                                                               |                |                                     |           |
| OD 10. | T-10209  | 21962    | Nozzle 300A, Bevel, O <sub>2</sub>   | 1         |        |                                                               |                |                                     |           |

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

**NS** NOT SHOWN IN THE PICTURE

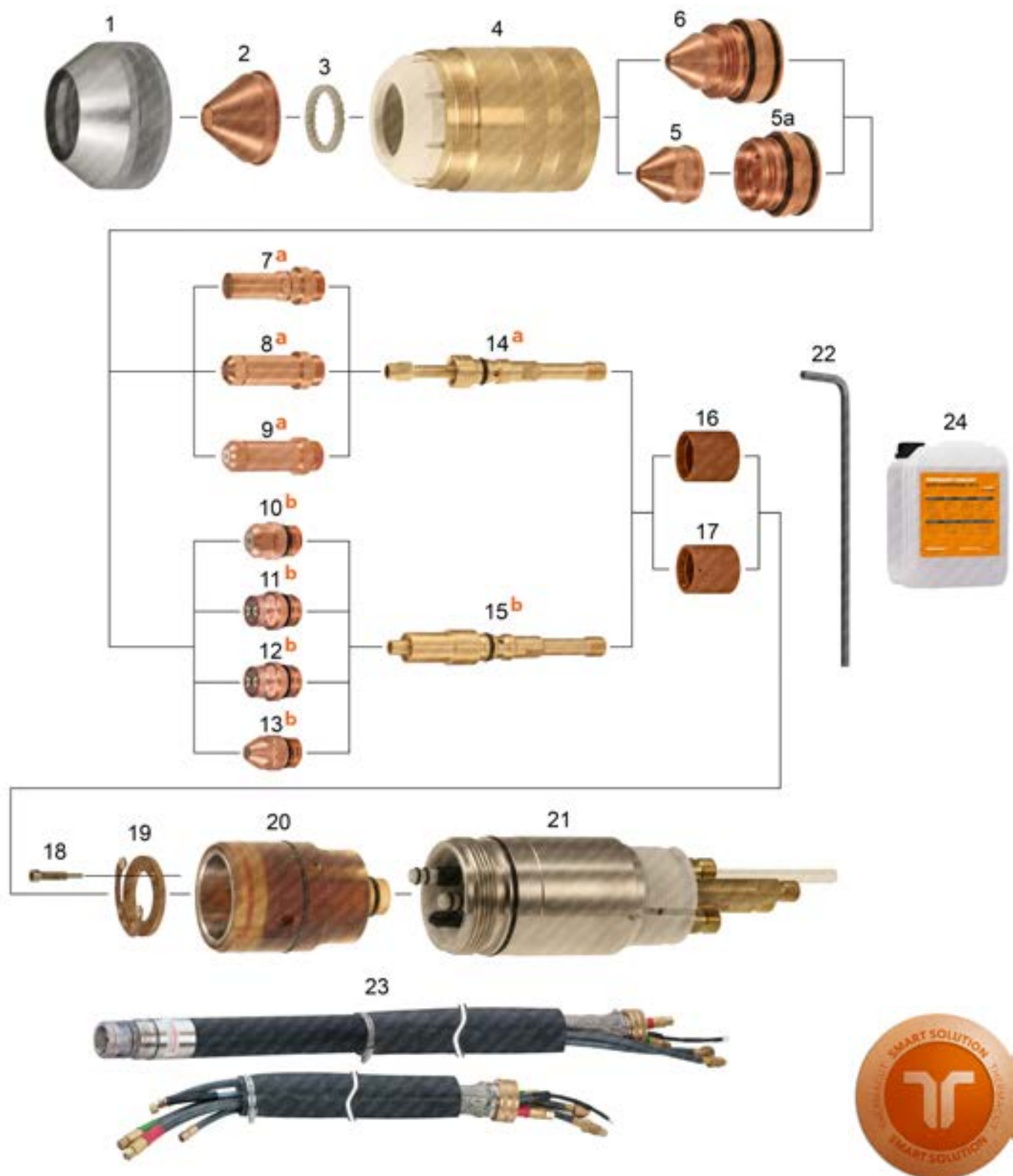
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-19XLS™**



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



| Item        | Part No. | Ref. No.  | Description                   | Std. Pkg. | Item          | Part No.                                                                          | Ref. No.       | Description                                     | Std. Pkg. |
|-------------|----------|-----------|-------------------------------|-----------|---------------|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------|-----------|
| 1.          | T-10128  | 37081     | Shield Retainer               | 1         | <b>b</b> 10.  | T-11303                                                                           | T-11303-PRO    | Electrode 50-250A, Silver PRO                   | 5         |
| 2.          | T-2266   | 21802     | Shield 100-250A               | 1         | <b>b</b> 11.  | T-11290*                                                                          | 0558003914-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO | 5         |
|             | T-2267   | 21945     | Shield 325-600A               | 1         | <b>b</b> 12.  | T-11994                                                                           | 0558012000-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO | 5         |
| 3.          | T-2269   | 21944     | Diffuser 100-600A             | 1         | <b>b</b> 13.  | T-11910                                                                           | 0558003928-UR  | Electrode, N <sub>2</sub> /H <sub>35</sub>      | 5         |
| 4.          | T-10129  | 37082     | Nozzle Retaining Cap          | 1         | <b>a</b> 14.  | T-2349                                                                            | 37068          | Electrode Holder                                | 1         |
| 5.          | T-1720   | 22026     | Nozzle Tip 50A                | 5         | <b>b</b> 15.  | T-11210                                                                           | T-11210        | Electrode Holder                                | 1         |
|             | T-1717   | 22029     | Nozzle Tip 100A               | 5         | 16.           | T-0322                                                                            | 948142         | Gas Swirl Baffle, 4 Hole, CW                    | 1         |
|             | T-1718   | 22030     | Nozzle Tip 150A               | 5         | 17.           | T-2019                                                                            | 35660          | Gas Swirl Baffle, 8 Hole, CW                    | 1         |
|             | T-4197   | 21822-S   | Nozzle Tip 250A               | 5         | 18.           | T-11942                                                                           | 37073          | Screw                                           | 1         |
| 5a.         | T-1721   | 22027     | Nozzle Base 50A               | 1         | 19.           | T-11863                                                                           | 0558003858     | Cont. Ring with 2pcs. Screws 37073 (=37071)     | 1         |
|             | T-1722   | 22028     | Nozzle Base 100-250A          | 1         | 20.           | T-2351                                                                            | 37083 OEM      | Insulator                                       | 10        |
| 6.          | T-2271   | 21822     | Nozzle 250A                   | 1         | <b>OD</b> 21. | T-3422                                                                            | 37066          | Torch Body PT-19XLS™, Machine                   | 1         |
| <b>a</b> 7. | T-10266* | 35886-UR  | Electrode 360A                | 5         | <b>OD</b> NS  | T-11202                                                                           | T-11202        | Electrode Holder Wrench                         | 1         |
| <b>a</b> 8. | T-10262  | 34086-UR  | Electrode 50-250A             | 5         | 22.           | N-20426                                                                           | 93750010       | Hex Key Wrench for Contact Ring                 | 1         |
| <b>a</b> 9. | T-1252   | 34086     | Electrode 50-250A             | 5         | 23.           | Cable Leads are available on request, because of more possible types of fittings. |                |                                                 |           |
| <b>a</b> 9. | T-11857  | 34086-PRO | Electrode 50-250A, Silver PRO | 5         | 24.           | Coolant Liquid. Details on the page 148, section Accessories.                     |                |                                                 |           |

**a** MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER 37068 AND 35886-UR, 34086XL-AG, 34086-UR, 34086, 34086-PRO ELECTRODES.

**b** MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER T-11210 AND T-11303-PRO, 0558003914-PRO, 0558012000-PRO, 0558003928-UR ELECTRODES.

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

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

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

**NS** NOT SHOWN IN THE PICTURE

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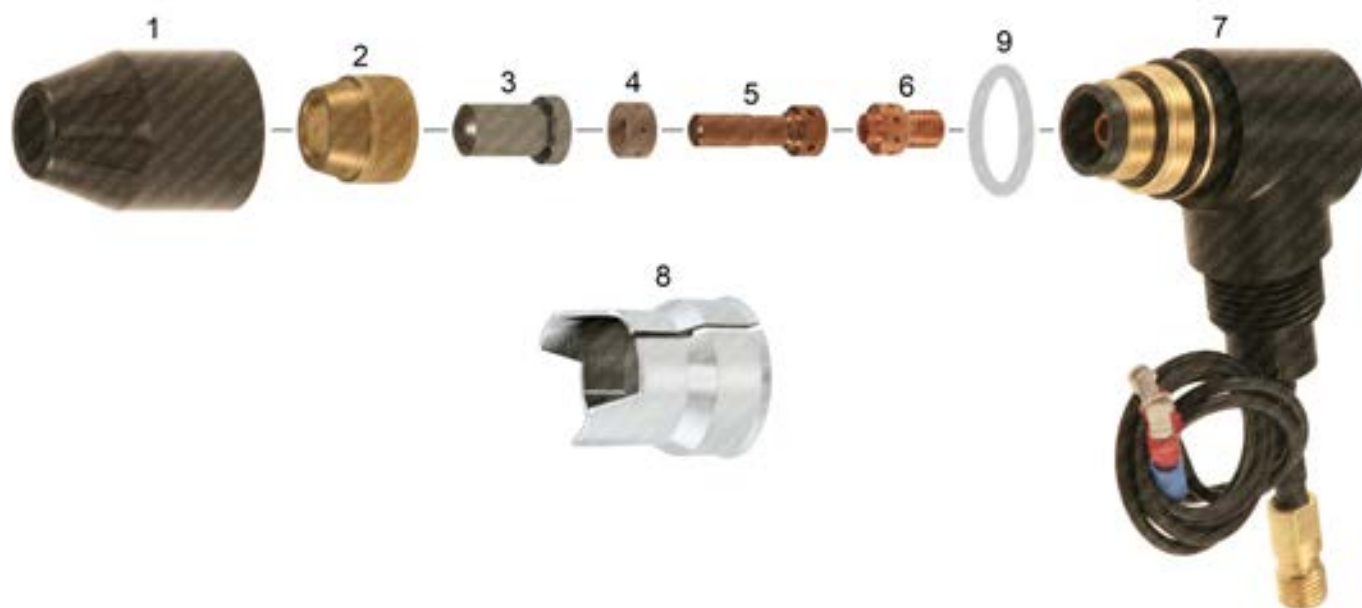
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-23™



| Item  | Part No. | Ref. No. | Description   | Std. Pkg. | Item | Part No.                           | Ref. No. | Description      | Std. Pkg. |
|-------|----------|----------|---------------|-----------|------|------------------------------------|----------|------------------|-----------|
| 1.    | T-1258   | 33419    | Shield        | 1         | 5.   | T-1264                             | 33366    | Electrode        | 10        |
| OD 2. | T-1259   | 33371    | Retaining Nut | 1         | 6.   | T-2016                             | 33417    | Replaceable Seat | 1         |
| 3.    | T-1260   | 33368    | Nozzle 30A    | 10        | 7.   | T-1265                             | 21421    | Torch Head       | 1         |
|       | T-1261   | 33369    | Nozzle 50A    | 10        | 8.   | T-1986                             | 21420    | Stand-off Guide  | 1         |
|       | T-1262   | 33418    | Nozzle 80A    | 10        | 9.   | Not available any more - OEM only. |          |                  |           |
| 4.    | T-1263   | 33367    | Swirl Baffle  | 5         |      |                                    |          |                  |           |

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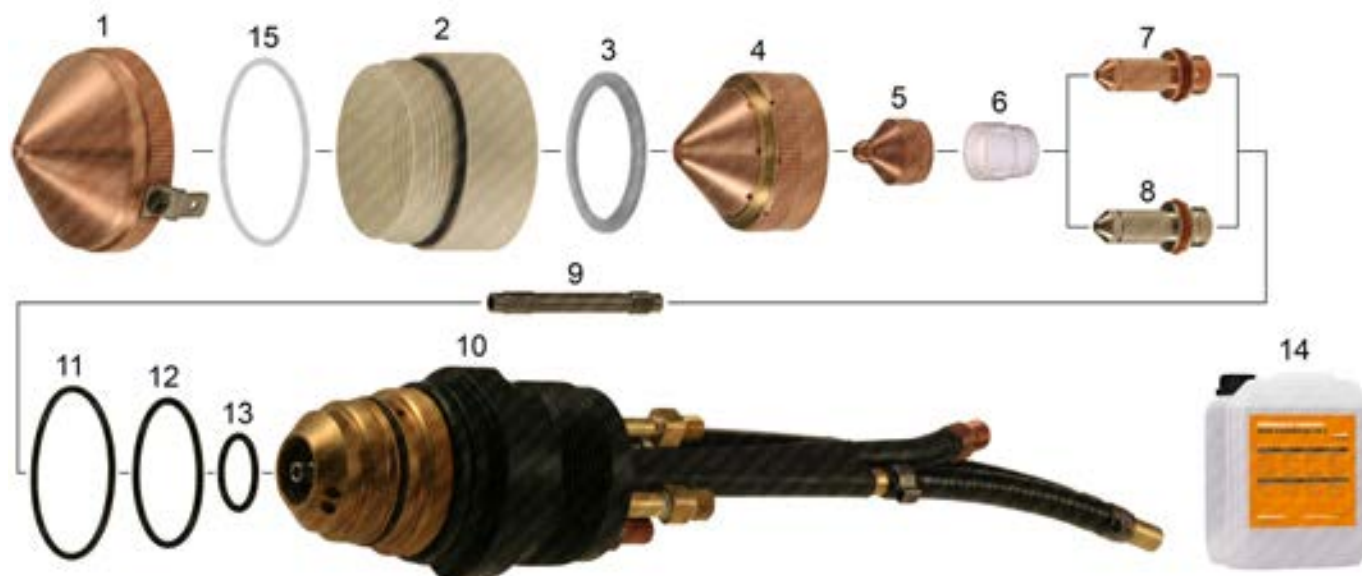
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-24™

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| Item  | Part No. | Ref. No.  | Description               | Std. Pkg. | Item   | Part No.                                                      | Ref. No.  | Description                | Std. Pkg. |
|-------|----------|-----------|---------------------------|-----------|--------|---------------------------------------------------------------|-----------|----------------------------|-----------|
| 1.    | T-10130  | 22531     | Cup Shield with Retainer  | 1         |        | T-8987                                                        | 21539-PRO | Electrode, Silver PRO      | 5         |
| 2.    | T-9333   | 21712     | Insulator Shield Retainer | 1         | 8.     | T-4916                                                        | 21539-AG  | Electrode, SilverEX-®      | 5         |
| 3.    | T-3350   | 22010     | Shield Cap Insulator      | 1         | 9.     | PT-10625                                                      | 21725     | Water Baffle               | 1         |
| 4.    | T-3353   | 22007     | Nozzle Retainer/Diffuser  | 1         | 10.    | T-3379                                                        | 21758     | PT-24™ Torch Body, Machine | 1         |
| 5.    | T-3370   | 21540     | Nozzle "A" 15A            | 5         | 11.    | T-2824                                                        | 950714    | O-Ring                     | 1         |
|       | T-3372   | 21542     | Nozzle "C" 50A            | 5         | OD 12. | T-4019                                                        | 86W62     | O-Ring                     | 10        |
|       | T-3373   | 21543     | Nozzle "D" 70A            | 5         | 13.    | T-4018                                                        | 638797    | O-Ring                     | 10        |
|       | T-3354   | 21923     | Nozzle "E" 100A           | 5         | 14.    | Coolant Liquid. Details on the page 148, section Accessories. |           |                            |           |
| OD 6. | T-3376   | 21692 OEM | Swirl Baffle 50-100A      | 10        | 15.    | Not available any more - OEM only.                            |           |                            |           |
| 7.    | T-3377   | 21539     | Electrode                 | 5         |        |                                                               |           |                            |           |

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

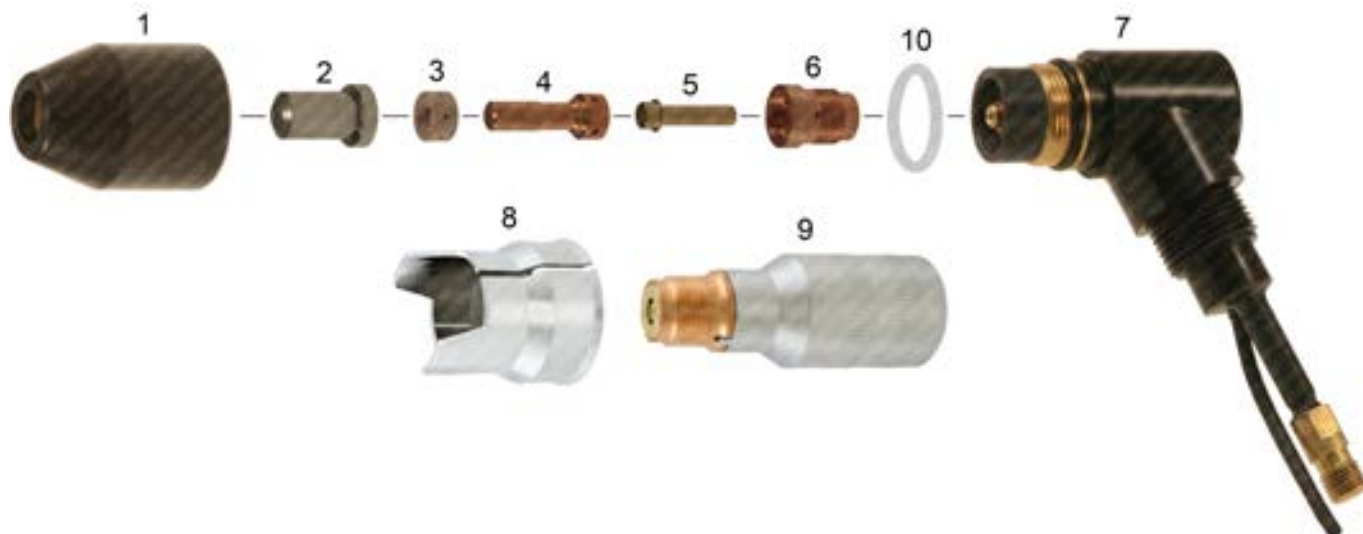
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR ESAB®/L-TEC® PT-27™



| Item | Part No. | Ref. No. | Description          | Std. Pkg. | Item  | Part No.                           | Ref. No.   | Description                   | Std. Pkg. |
|------|----------|----------|----------------------|-----------|-------|------------------------------------|------------|-------------------------------|-----------|
| 1.   | T-1307   | 21616    | Heat Shield          | 1         | 6.    | T-1310                             | 21615      | Replaceable Seat              | 5         |
| 2.   | T-1260   | 33368    | Nozzle 0.9mm 30A     | 10        | 7.    | T-1309                             | 21610      | Torch Body 70°                | 1         |
|      | T-1261   | 33369    | Nozzle 1.2mm 50-70A  | 10        | 8.    | T-1986                             | 21420      | Stand-off Guide               | 1         |
|      | T-1262   | 33418    | Nozzle 1.3mm 80A     | 10        | OD 9. | PT-10220                           | 0558003032 | Seat Assembly                 | 1         |
|      | T-0057   | 35442    | Gouging Nozzle 2.4mm | 10        | OD NS | T-3953                             | 0558003027 | Seat Installation Tool        | 1         |
| 3.   | T-1263   | 33367    | Swirl Baffle         | 5         | NS    | KT-1301                            | 21620      | PT-27™ Cable Leads 7.6m (25') | 1         |
| 4.   | T-1264   | 33366    | Electrode            | 10        | 10.   | Not available any more - OEM only. |            |                               |           |
| 5.   | T-1308   | 21619    | Valve Pin            | 5         |       |                                    |            |                               |           |

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



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

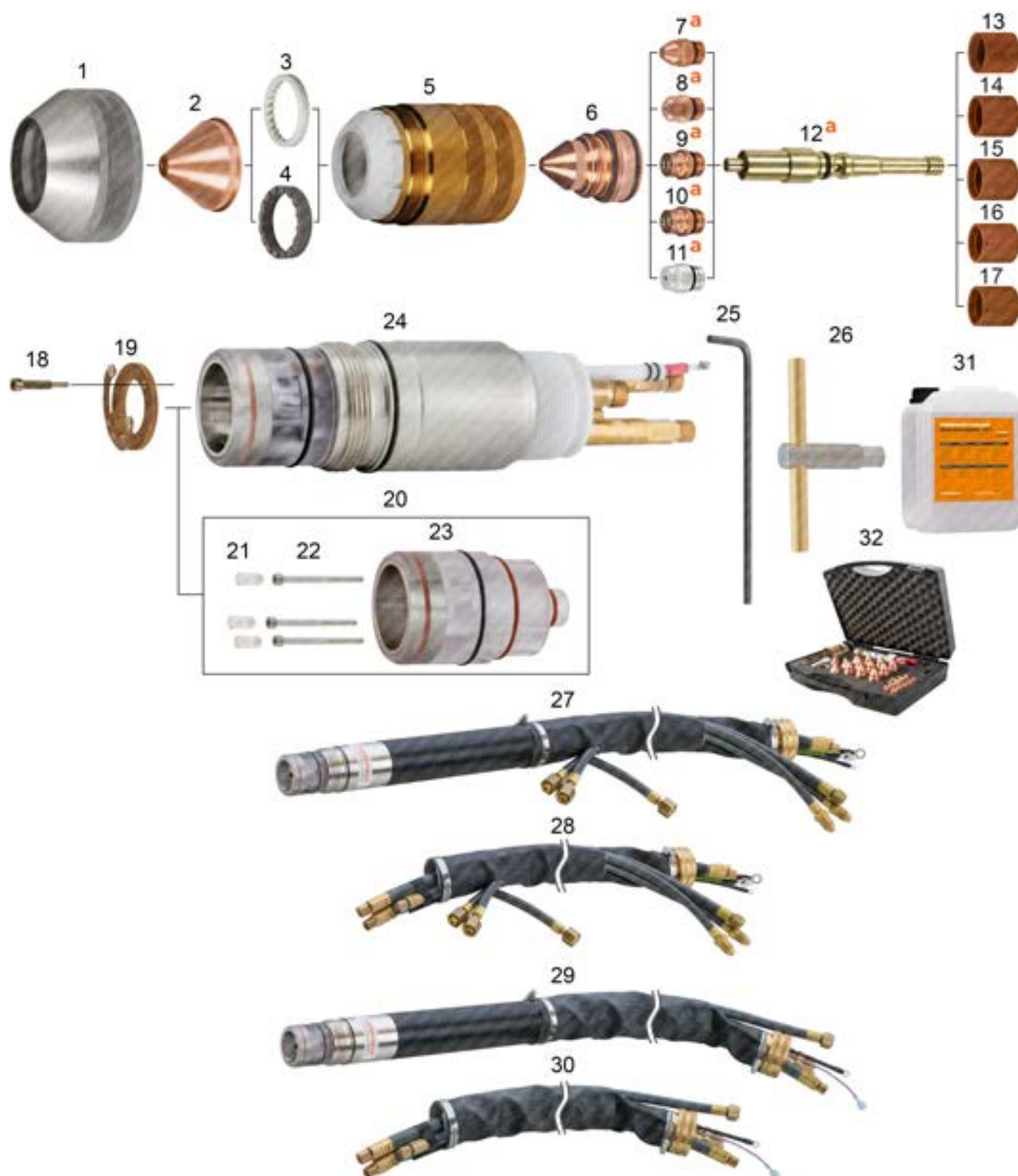
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
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PT-36™**



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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         | 18.    | T-11942                                                                           | 37073          | Screw, Contact Ring                         | 1         |
| 2.    | T-12231   | 0558009425     | Micro Shield 2.5mm 30-60A MS                      | 10        | 19.    | T-11863                                                                           | 0558003858     | Cont. Ring with 2pcs. Screws 37073 (=37071) | 1         |
|       | T-10463   | 0558007624     | Shield Cup 2.4mm 45-55A                           | 1         | 20.    | T-12040                                                                           | T-12040        | Exchangeable Insulator Kit                  | 1         |
|       | T-10333   | 0558006130     | Shield Cup 3.0mm 35-50A                           | 1         | 21.    | PT-13160                                                                          | 0558001825-11  | Plastic Screw                               | 1         |
|       | T-10332   | 0558006141     | Shield Cup 4.1mm 70-280A                          | 1         | 22.    | PT-13159                                                                          | 0558001825-10  | Screw                                       | 1         |
|       | T-10334   | 0558006166     | Shield Cup 6.6mm 290-450A                         | 1         | 23.    | PT-12123                                                                          | 0558001825-8   | Insulator Body                              | 1         |
|       | T-10335   | 0558006199     | Shield Cup 9.9mm 300-600A                         | 1         | 24.    | T-11208                                                                           | 0558003804     | Torch Body PT-36™                           | 1         |
| 3.    | T-2269    | 21944          | Diffuser 100-600A                                 | 1         | 25.    | N-20426                                                                           | 93750010       | Hex Key Wrench for Contact Ring             | 1         |
|       | T-10331   | 22496          | Diffuser 100-600A, CCW                            | 1         | OD 26. | T-11665                                                                           | 0558003918 OEM | Electrode Holder Wrench                     | 1         |
| 4.    | T-2268    | 21796          | Gas Diffuser 50A                                  | 1         | 27.    | KT-1452                                                                           | 0558006745     | PT-36™ Mach. Torch with Leads 1.3m          | 1         |
| 5.    | T-10129   | 37082          | Nozzle Retaining Cap, Standard                    | 1         |        | KT-1453                                                                           | 0558006746     | PT-36™ Mach. Torch with Leads 1.8m          | 1         |
| 6.    | T-12229   | 0558009406     | Micro Nozzle 0.6mm 30A MS/SS/AL                   | 10        |        | KT-1454                                                                           | 0558006747     | PT-36™ Mach. Torch with Leads 3.7m          | 1         |
|       | T-12230   | 0558009410     | Micro Nozzle 1.0mm 60A MS/SS/AL                   | 10        |        | KT-1455                                                                           | 0558006749     | PT-36™ Mach. Torch with Leads 4.6m          | 1         |
|       | T-10336   | 0558006010     | Nozzle 1.0mm 45/50A MS/SS/AL                      | 1         |        | KT-1456                                                                           | 0558006750     | PT-36™ Mach. Torch with Leads 5.2m          | 1         |
|       | T-10337   | 0558006014     | Nozzle 1.4mm 100A MS/AL (70/130A SS)              | 1         |        | KT-1457                                                                           | 0558006779     | PT-36™ Mach. Torch with Leads 6.1m          | 1         |
|       | T-10970   | 0558006018     | Nozzle 1.8mm 100/130A MS (100A SS/AL)             | 1         |        | KT-1458                                                                           | 0558006751     | PT-36™ Mach. Torch with Leads 7.6m          | 1         |
|       | T-10338   | 0558006020     | Nozzle 2.0mm 150/200A MS/AL (130/150A SS)         | 1         | 28.    | KT-1460                                                                           | 0558007031     | PT-36™ Cable Leads 1.3m                     | 1         |
|       | T-10339   | 0558006023     | Nozzle 2.3mm 200/280A MS (200A SS), (200/260A AL) | 1         |        | KT-1461                                                                           | 0558007032     | PT-36™ Cable Leads 1.8m                     | 1         |
|       | T-10340   | 0558006025     | Nozzle 2.5mm 280/290A MS (260A SS)                | 1         |        | KT-1462                                                                           | 0558007034     | PT-36™ Cable Leads 3.7m                     | 1         |
|       | T-10443   | 0558006030     | Nozzle 3.0mm 325/360A MS (360A SS/AL)             | 1         |        | KT-1463                                                                           | 0558007036     | PT-36™ Cable Leads 4.6m                     | 1         |
|       | T-10341   | 0558006036     | Nozzle 3.6mm 400A MS (450A SS)                    | 1         |        | KT-1464                                                                           | 0558007037     | PT-36™ Cable Leads 5.2m                     | 1         |
| OD    | T-10292   | 0558006041     | Nozzle 4.1mm 600A SS/AL                           | 1         |        | KT-1465                                                                           | 0558007038     | PT-36™ Cable Leads 6.1m                     | 1         |
| a 7.  | T-12228   | 0558009400-PRO | Micro Electrode 30-60A MS/SS/AL                   | 5         |        | KT-1466                                                                           | 0558007039     | PT-36™ Cable Leads 7.6m                     | 1         |
| a     | T-11910   | 0558003928-UR  | Electrode, N <sub>2</sub> /H <sub>35</sub>        | 5         |        | KT-1522                                                                           | 0558007035     | PT-36™ Cable Leads 4.3m, Bevel              | 1         |
| a 8.  | T-11303   | T-11303-PRO    | Electrode 50-250A, Silver PRO                     | 5         | 29.    | KT-1478                                                                           | 0558003849     | PT-36™ Mach. Torch with Leads 1.4m          | 1         |
| a 9.  | T-11290*  | 0558003914-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO   | 5         |        | KT-1479                                                                           | 0558003850     | PT-36™ Mach. Torch with Leads 1.8m          | 1         |
| a 10. | T-11994   | 0558012000-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO   | 5         |        | KT-1480                                                                           | 0558003852     | PT-36™ Mach. Torch with Leads 3.7m          | 1         |
| a 11. | T-11209** | 0558003914-AG  | Electrode, Standard, O <sub>2</sub>               | 5         |        | KT-1481                                                                           | 0558003853     | PT-36™ Mach. Torch with Leads 4.6m          | 1         |
| a 12. | T-11319   | 0558003924-UR  | Electrode Holder                                  | 1         |        | KT-1482                                                                           | 0558003854     | PT-36™ Mach. Torch with Leads 5.2m          | 1         |
| 13.   | T-10693   | 0558005457 OEM | Gas Swirl Baffle, 4 × 0.022, 35-70A               | 5         |        | KT-1483                                                                           | 0558003856     | PT-36™ Mach. Torch with Leads 7.6m          | 1         |
| 14.   | T-4607    | 0558002534     | Gas Swirl Baffle, 4 × 0.032, 100-280A, CCW        | 1         | 30.    | Cable Leads are available on request, because of more possible types of fittings. |                |                                             |           |
| 15.   | T-4606    | 0558002533     | Gas Swirl Baffle, 4 × 0.032, 100-280A             | 1         | 31.    | Coolant Liquid. Details on the page 148, section Accessories.                     |                |                                             |           |
| 16.   | T-4636    | 0558001625     | Gas Swirl Baffle, 8 × 0.047, 300-600A             | 1         | 32.    | Consumable Case. Details on the page 155, section Accessories.                    |                |                                             |           |
| 17.   | T-11119   | 0558002530     | Gas Swirl Baffle, 8 × 0.047, 360-450A, CCW        | 1         |        |                                                                                   |                |                                             |           |

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

\*\* AVAILABILITY ON REQUEST

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

OD ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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

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

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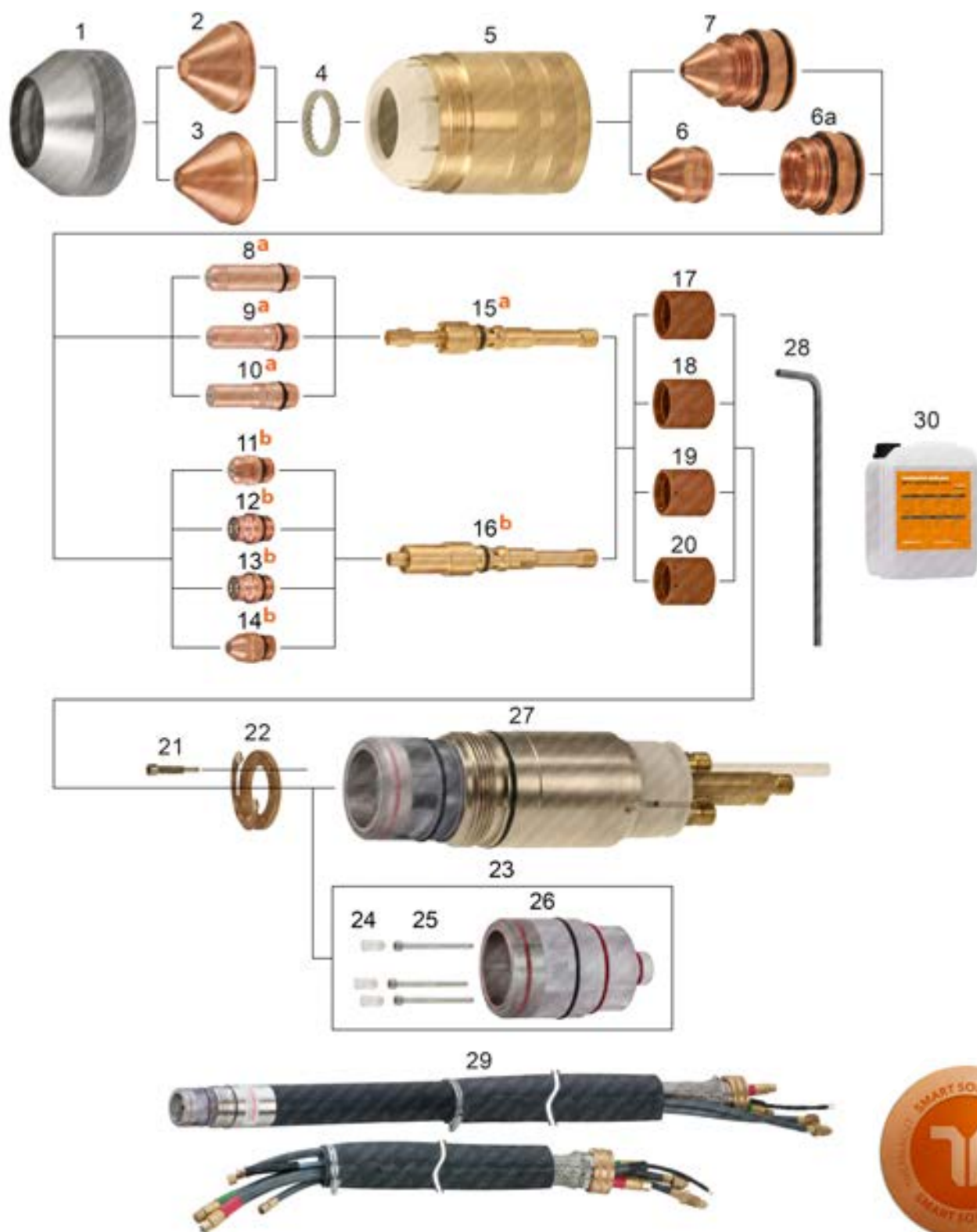
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
ESAB®/L-TEC®  
PT-600™**



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

PRODUCT BROCHURE WITH DETAILS AT  
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| Item          | Part No. | Ref. No.       | Description                                     | Std. Pkg. | Item         | Part No.                                                                          | Ref. No.       | Description                                     | Std. Pkg. |
|---------------|----------|----------------|-------------------------------------------------|-----------|--------------|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------|-----------|
| 1.            | T-10128  | 37081          | Shield Retainer                                 | 1         | <b>b</b> 13. | T-11994                                                                           | 0558012000-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO | 5         |
| 2.            | T-2266   | 21802          | Shield 100-250A                                 | 1         | <b>b</b> 14. | T-11910                                                                           | 0558003928-UR  | Electrode, N <sub>2</sub> /H <sub>35</sub>      | 5         |
|               | T-2267   | 21945          | Shield 360A                                     | 1         | <b>a</b> 15. | T-11201                                                                           | 0558001621     | Electrode Holder                                | 1         |
| 3.            | T-10124  | 0558004678     | Precision Shield 110-200A                       |           | <b>b</b> 16. | T-11210                                                                           | T-11210        | Electrode Holder                                | 1         |
| 4.            | T-2269   | 21944          | Diffuser 100-600A                               | 1         | 17.          | T-4606                                                                            | 0558002533     | Gas Swirl Baffle, 4 hole × 0.032, CW            | 1         |
|               | T-10331  | 22496          | Diffuser 100-600A, CCW                          | 1         | 18.          | T-4607                                                                            | 0558002534     | Gas Swirl Baffle, 4 hole × 0.032, CCW           | 1         |
| NS            | T-2268   | 21796          | Gas Diffuser 50A                                | 1         | 19.          | T-4636                                                                            | 0558001625     | Gas Swirl Baffle, 8 hole × 0.047, CW            | 1         |
| 5.            | T-10129  | 37082          | Nozzle Retaining Cap                            | 1         | 20.          | T-11119                                                                           | 0558002530     | Gas Swirl Baffle, 8 Hole × 0.047, CCW           | 1         |
| 6.            | T-1720   | 22026          | Nozzle Tip 50A                                  | 5         | 21.          | T-11942                                                                           | 37073          | Screw                                           | 1         |
|               | T-1717   | 22029          | Nozzle Tip 100A                                 | 5         | 22.          | T-11863                                                                           | 0558003858     | Cont. Ring with 2pcs. Screws 37073 (=37071)     | 1         |
|               | T-1718   | 22030          | Nozzle Tip 150A                                 | 5         | 23.          | T-12040                                                                           | T-12040        | Exchangeable Insulator Kit                      | 1         |
|               | T-1719   | 22031          | Nozzle Tip 200A                                 | 5         | 24.          | PT-13160                                                                          | 0558001825-11  | Plastic Screw                                   | 1         |
| 6a.           | T-1721   | 22027          | Nozzle Base 50A                                 | 1         | 25.          | PT-13159                                                                          | 0558001825-10  | Screw                                           | 1         |
|               | T-1722   | 22028          | Nozzle Base 100-250A                            | 1         | 26.          | PT-12123                                                                          | 0558001825-8   | Insulator Body                                  | 1         |
| 7.            | T-5332   | 0558001882     | Nozzle 100A                                     | 1         | 27.          | T-10283                                                                           | 0558001825     | Torch Body                                      | 1         |
|               | T-5333   | 0558001883     | Nozzle 150A                                     | 1         | <b>OD</b> NS | T-11202                                                                           | T-11202        | Electrode Holder Wrench                         | 1         |
|               | T-5334   | 0558001884     | Nozzle 200A                                     | 1         | NS           | KT-1178                                                                           | 996248         | PT-600™ Hose, power, 1.8m                       | 1         |
|               | T-5330   | 0558001623     | Nozzle 250A                                     | 1         | NS           | KT-1176                                                                           | 34360          | PT-600™ Hose, plas., 1.8m                       | 1         |
|               | T-5335   | 0558001885     | Nozzle 360A                                     | 1         | NS           | KT-1189                                                                           | 33209          | PT-600™ Hose, power, 4.6m                       | 1         |
|               | T-5336   | 0558001886     | Nozzle 400A                                     | 1         | NS           | KT-1330                                                                           | 33211          | PT-600™ Hose, power, 7.6m                       | 1         |
| <b>OD</b>     | T-5337   | 0558001887     | Nozzle 600A                                     | 1         | NS           | KT-1177                                                                           | 37357          | PT-600™ Cable, pilot, 2m                        | 1         |
| <b>a</b> 8.   | T-11239  | 0558001624-PRO | Electrode 250A, Silver PRO                      | 5         | 28.          | N-20426                                                                           | 93750010       | Hex Key Wrench for Contact Ring                 | 1         |
| <b>aOD</b> 9. | T-11240  | T-11240-PRO    | Electrode 260/400A, Silver PRO                  | 5         | 29.          | Cable Leads are available on request, because of more possible types of fittings. |                |                                                 |           |
| <b>a</b> 10.  | T-11238  | 0558002516-PRO | Electrode 360/400A, Silver PRO                  | 5         | 30.          | Coolant Liquid. Details on the page 148, section Accessories.                     |                |                                                 |           |
| <b>b</b> 11.  | T-11303  | T-11303-PRO    | Electrode 50-250A, Silver PRO                   | 5         |              |                                                                                   |                |                                                 |           |
| <b>b</b> 12.  | T-11290* | 0558003914-PRO | Electrode 100-450A, O <sub>2</sub> , Silver PRO | 5         |              |                                                                                   |                |                                                 |           |

**a** MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER 0558001621 AND 0558001624-PRO, T-11240-PRO, 0558002516-PRO ELECTRODES.

**b** MUST BE USED ONLY AS A SET OF ELECTRODE HOLDER T-11210 AND T-11303-PRO, 0558003914-PRO, 0558012000-PRO, 0558003928-UR ELECTRODES.

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

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**NS** NOT SHOWN IN THE PICTURE

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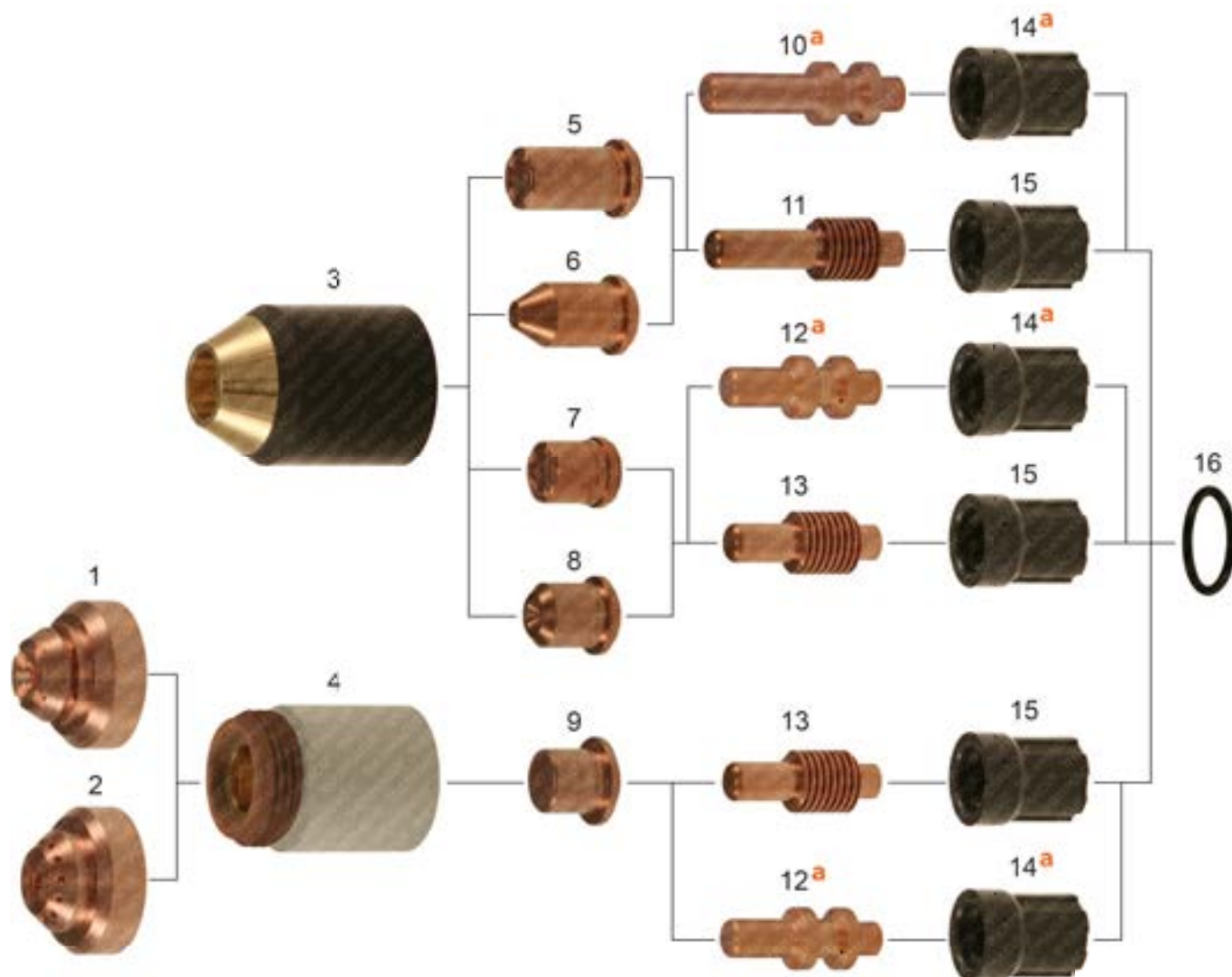
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®40cs/MAX®42/MAX®43**  
**PAC®120/PAC®125T**



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

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

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

**a** 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%.

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**NS** NOT SHOWN IN THE PICTURE

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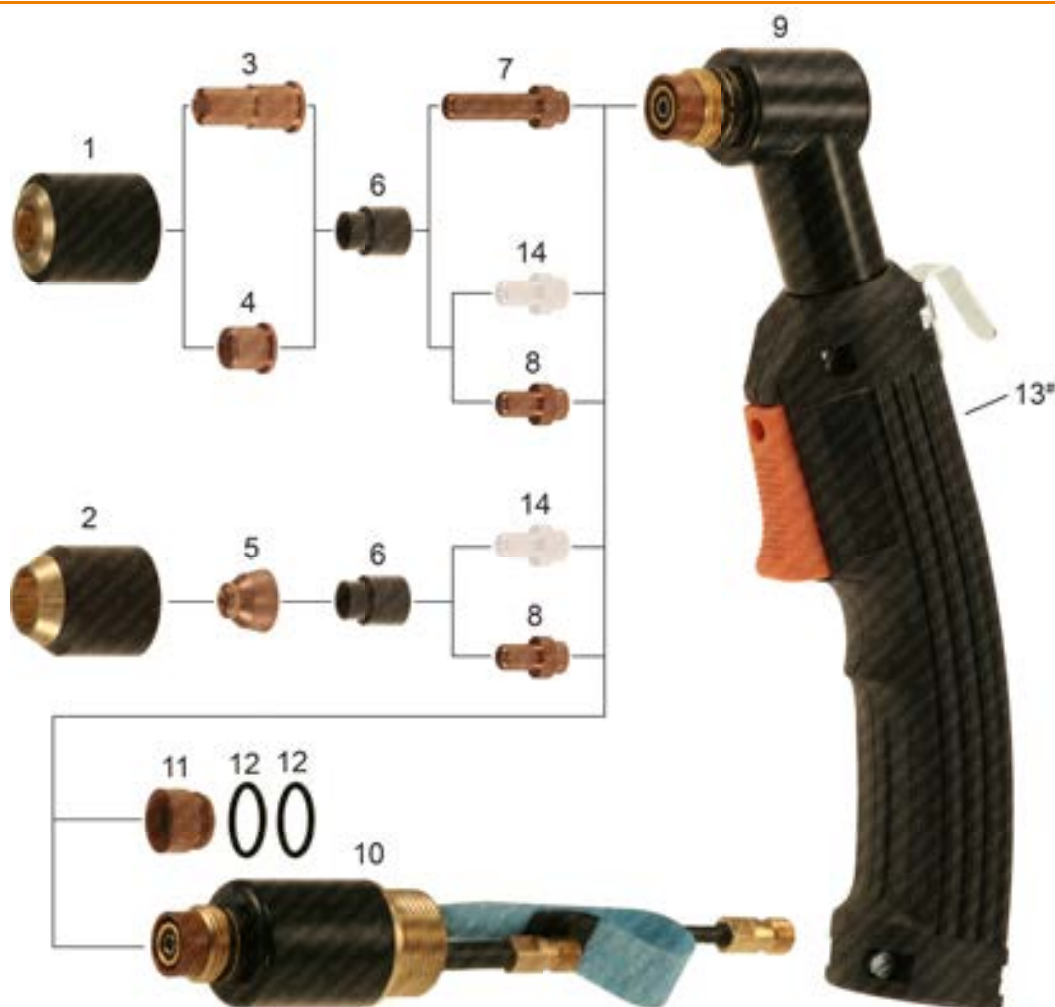
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MAX®40**  
**PAC®140/M**



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

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

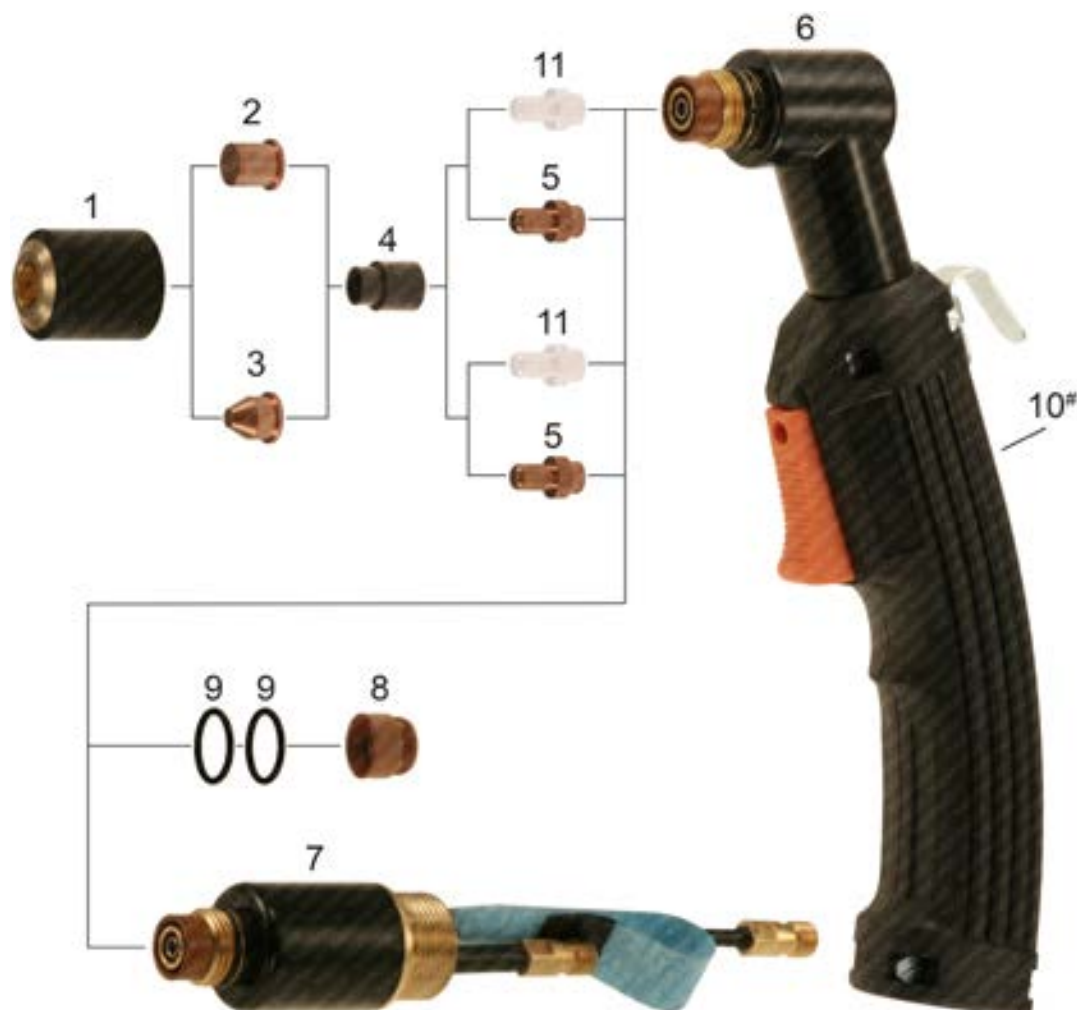
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**Hypertherm®**  
**HT®40**  
**PAC®140/M**



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

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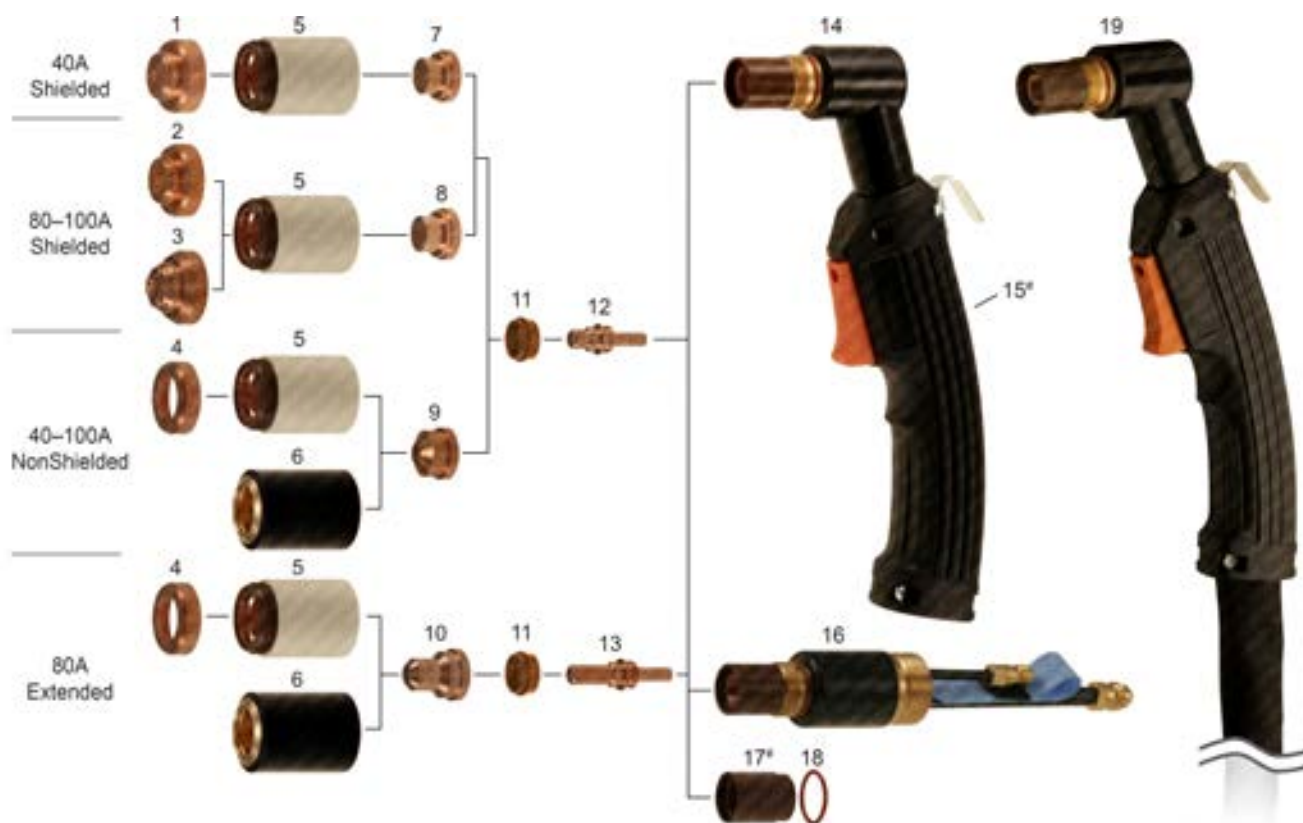
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**MAX®70/MAX®80/MAX®100**  
**PAC®130/M**



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

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

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**#** ONLY FOR THERMACUT® TORCH DESIGN

**NS** NOT SHOWN IN THE PICTURE

**CC** CENTRAL CONNECTOR

**W/** WITH

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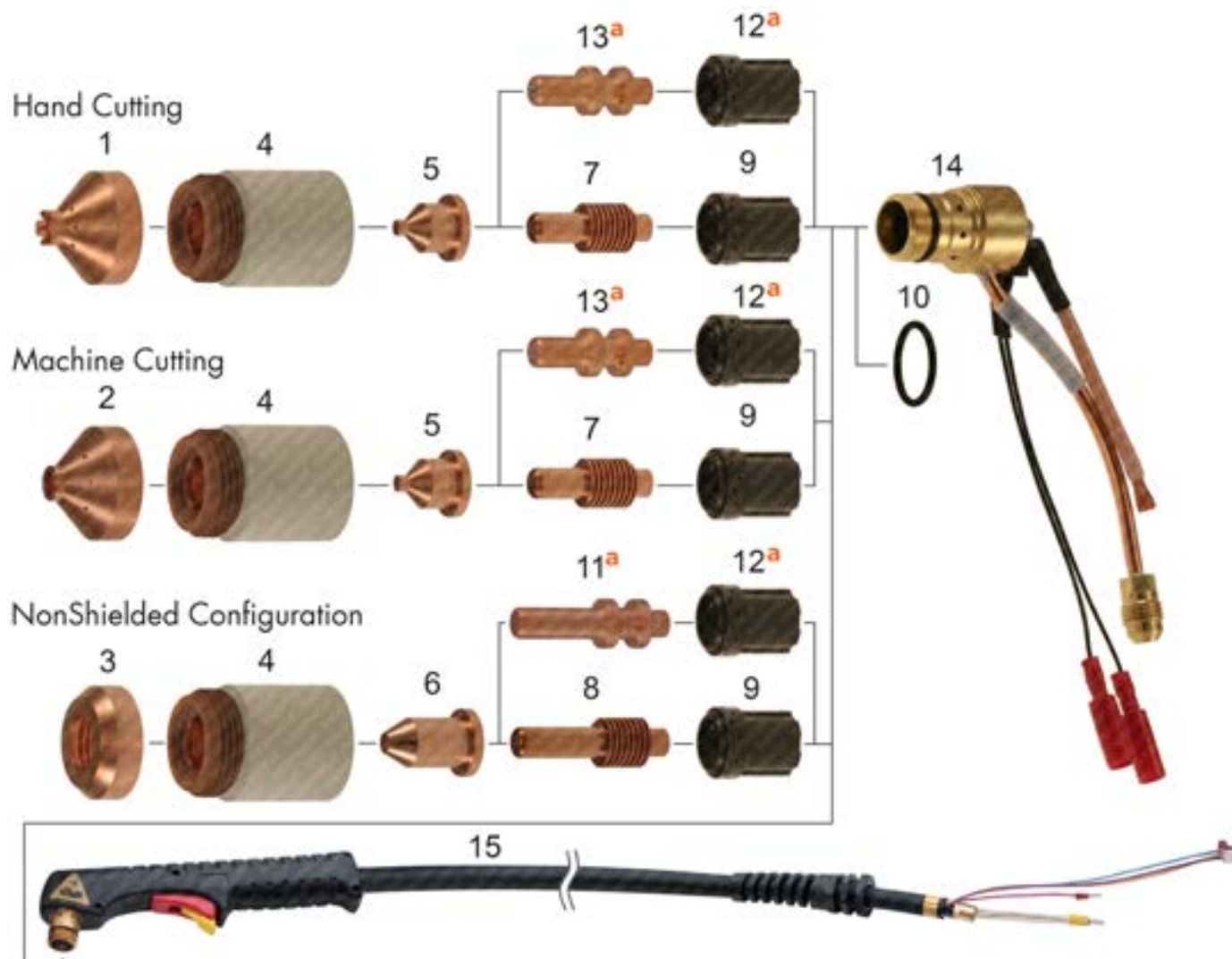
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 600**  
**PAC® 123T/M**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### POWERMAX® 600

### PAC® 123T/M

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

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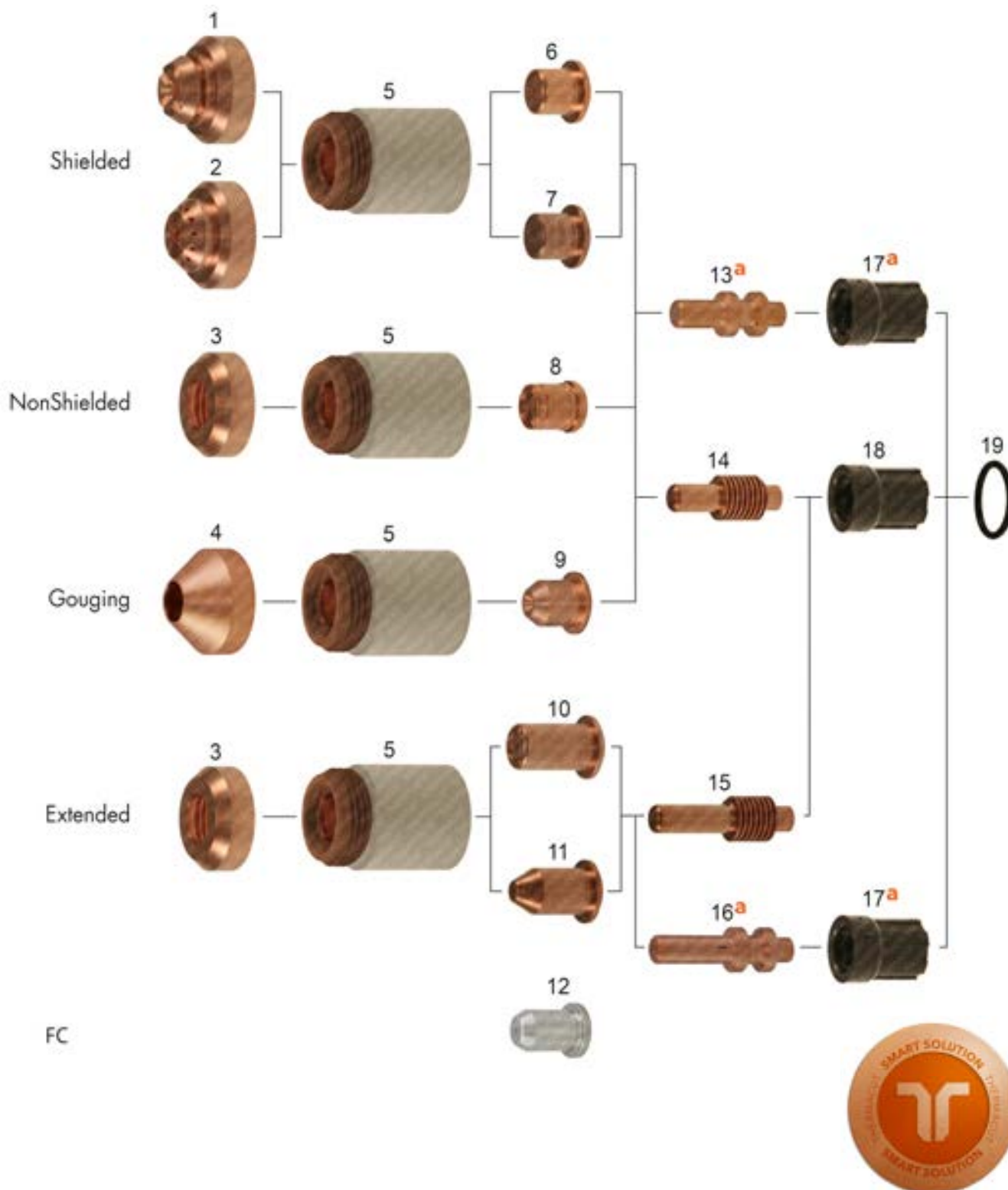
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 800**  
**PAC® 121T/M/125T/M**



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

| Item         | Part No. | Ref. No.  | Description                    | Std. Pkg. | Item                                                | Part No. | Ref. No.  | Description                                         | Std. Pkg. |
|--------------|----------|-----------|--------------------------------|-----------|-----------------------------------------------------|----------|-----------|-----------------------------------------------------|-----------|
| *1.          | T-9824*  | 120601-UR | Shield, Hand                   | 1         | <b>a</b> OD 17.                                     | T-4452   | 020361-UR | Swirl Ring, Long Life                               | 2         |
| *2.          | T-9825*  | 120602-UR | Shield, Machine                | 1         | 18.                                                 | T-0029   | 020361    | Swirl Ring                                          | 2         |
| 3.           | T-1564   | 120303    | Deflector                      | 1         | <b>OD</b> 19.                                       | T-0038   | 044016    | O-Ring                                              | 10        |
| 4.           | T-3412   | 120608    | Shield, Gouging                | 1         | NS                                                  | KT-1297  | 129352    | PAC®125T Cable Leads 7.6m (25') with CC             | 1         |
| 5.           | T-12045  | 120600    | Retaining Cap                  | 1         | NS                                                  | KT-1374  | 083066    | PAC®125T Hand Torch with Lead 7.6m (25') with CC    | 1         |
| 6.           | T-1567   | 120282    | Nozzle 50A, Shielded           | 5         | NS                                                  | KT-1501  | 083067    | PAC®125T Hand Torch with Lead 15.2m (50') with CC   | 1         |
| 7.           | T-3420   | 120438    | Nozzle 40A, Shielded           | 10        | <b>RT</b> NS                                        | KT-1399  | 128922    | RT60™ Hand Cable Leads 7.6m (25') with CC           | 1         |
| 8.           | T-0028   | 020395    | Nozzle, NonShielded            | 10        | <b>RT</b> NS                                        | KT-1398  | 083215-UR | RT60™ Hand Torch with Lead 7.6m (25') with CC       | 1         |
| 9.           | T-1568   | 120281    | Nozzle, Gouging                | 1         | <b>RT</b> NS                                        | KT-1524  | 083216-UR | RT60™ Hand Torch with Lead 15.2m (50') with CC      | 1         |
| 10.          | T-1569   | 120304    | Nozzle, Extended               | 5         | <b>RT</b> NS                                        | KT-1405  | 128925    | RT60M™ Machine Cable Leads 15.2m (50') with CC      | 1         |
| 11.          | T-1570   | 120305    | Nozzle, Pipe Saddle, Extended  | 5         | <b>RT</b> NS                                        | KT-1525  | 083217-UR | RT60M™ Machine Torch with Leads 7.6m (25') with CC  | 1         |
| 12.          | T-9999   | 220330    | Nozzle (PAC®123, FC)           | 5         | <b>RT</b> NS                                        | KT-1406  | 083218-UR | RT60M™ Machine Torch with Leads 15.2m (50') with CC | 1         |
| <b>a</b> 13. | T-4450   | 120573-UR | Electrode, Long Life           | 5         | Different types of cable leads available on request |          |           |                                                     |           |
| 14.          | T-3419   | 120573    | Electrode                      | 5         |                                                     |          |           |                                                     |           |
| 15.          | T-2298   | 120574    | Electrode, Extended            | 5         |                                                     |          |           |                                                     |           |
| <b>a</b> 16. | T-4451   | 120574-UR | Electrode, Extended, Long Life | 5         |                                                     |          |           |                                                     |           |

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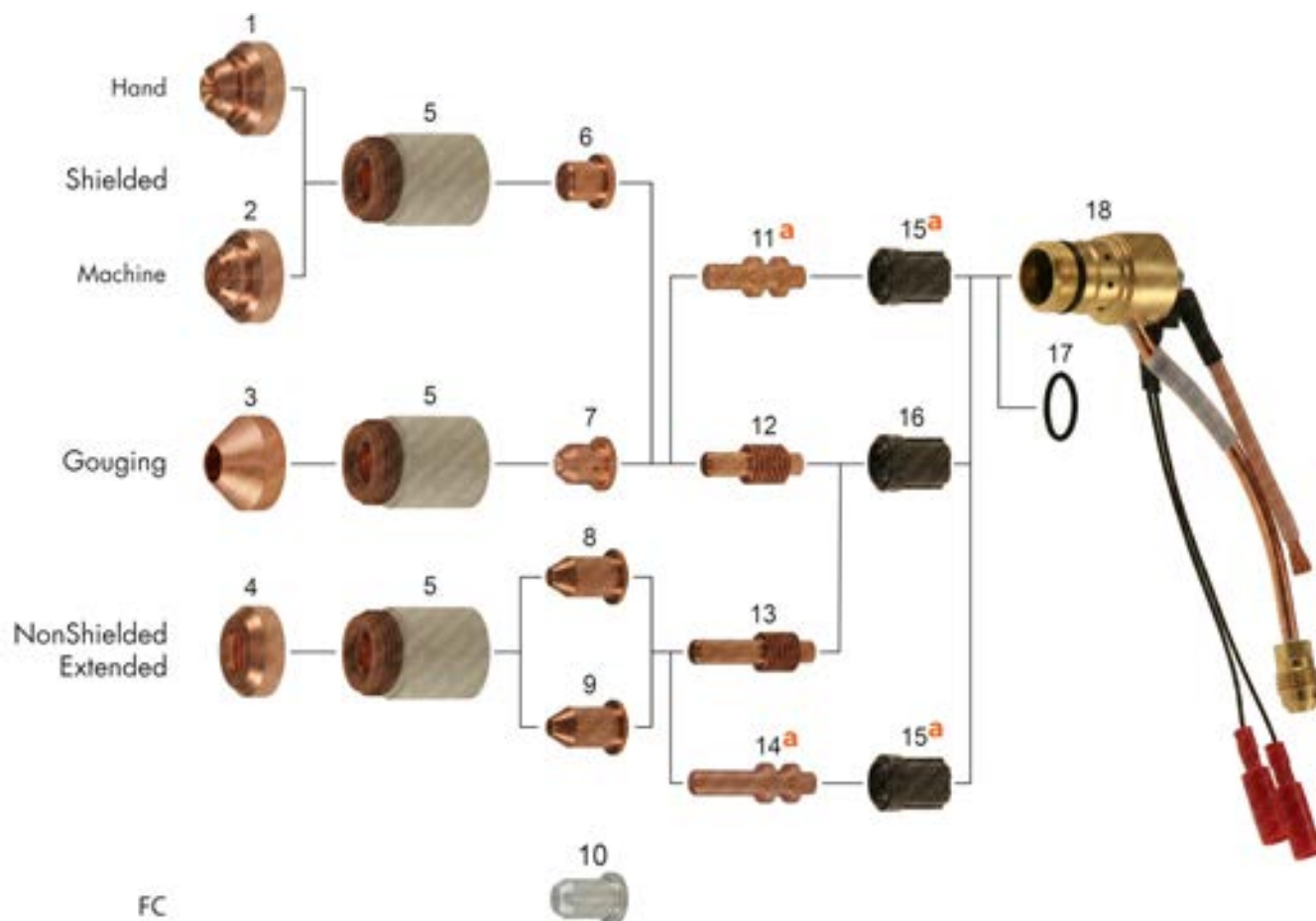
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**POWERMAX® 900**  
**PAC® 125T/M**



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

| Item  | Part No. | Ref. No.  | Description                    | Std. Pkg. | Item                                                 | Part No. | Ref. No.  | Description                                         | Std. Pkg. |
|-------|----------|-----------|--------------------------------|-----------|------------------------------------------------------|----------|-----------|-----------------------------------------------------|-----------|
| *1.   | T-9824*  | 120601-UR | Shield, Hand                   | 1         | a 15.                                                | T-4453   | 120576-UR | Swirl Ring, Long Life                               | 2         |
| *2.   | T-9825*  | 120602-UR | Shield, Machine                | 1         | 16.                                                  | T-2230   | 120576    | Swirl Ring                                          | 2         |
| 3.    | T-3412   | 120608    | Shield, Gouging                | 1         | OD 17.                                               | T-0038   | 044016    | O-Ring                                              | 10        |
| 4.    | T-1564   | 120303    | Deflector                      | 1         | 18.                                                  | T-10269  | 120570    | Torch Main Body with Safety Switch                  | 1         |
| 5.    | T-12045  | 120600    | Retaining Cap                  | 1         | NS                                                   | KT-1297  | 129352    | PAC®125T Cable Leads 7.6m (25') with CC             | 1         |
| 6.    | T-3414   | 120577    | Nozzle 55A, Shielded           | 5         | NS                                                   | KT-1374  | 083066    | PAC®125T Hand Torch with Lead 7.6m (25') with CC    | 1         |
| 7.    | T-3415   | 120607    | Nozzle, Gouging                | 10        | NS                                                   | KT-1501  | 083067    | PAC®125T Hand Torch with Lead 15.2m (50') with CC   | 1         |
| 8.    | T-3417   | 120578    | Nozzle 55A, Extended           | 10        | NS                                                   | KT-1399  | 128922    | RT60™ Hand Cable Leads 7.6m (25') with CC           | 1         |
| 9.    | T-3418   | 120606    | Nozzle 35A, Extended           | 10        | RT NS                                                | KT-1398  | 083215-UR | RT60™ Hand Torch with Lead 7.6m (25') with CC       | 1         |
| 10.   | T-9999   | 220330    | Nozzle (PAC®123, FC)           | 5         | RT NS                                                | KT-1524  | 083216-UR | RT60™ Hand Torch with Lead 15.2m (50') with CC      | 1         |
| a 11. | T-4450   | 120573-UR | Electrode, Long Life           | 5         | RT NS                                                | KT-1405  | 128925    | RT60M™ Machine Cable Leads 15.2m (50') with CC      | 1         |
| 12.   | T-3419   | 120573    | Electrode                      | 5         | RT NS                                                | KT-1525  | 083217-UR | RT60M™ Machine Torch with Leads 7.6m (25') with CC  | 1         |
| 13.   | T-2298   | 120574    | Electrode, Extended            | 5         | RT NS                                                | KT-1406  | 083218-UR | RT60M™ Machine Torch with Leads 15.2m (50') with CC | 1         |
| a 14. | T-4451   | 120574-UR | Electrode, Extended, Long Life | 5         | Different types of cable leads available on request. |          |           |                                                     |           |

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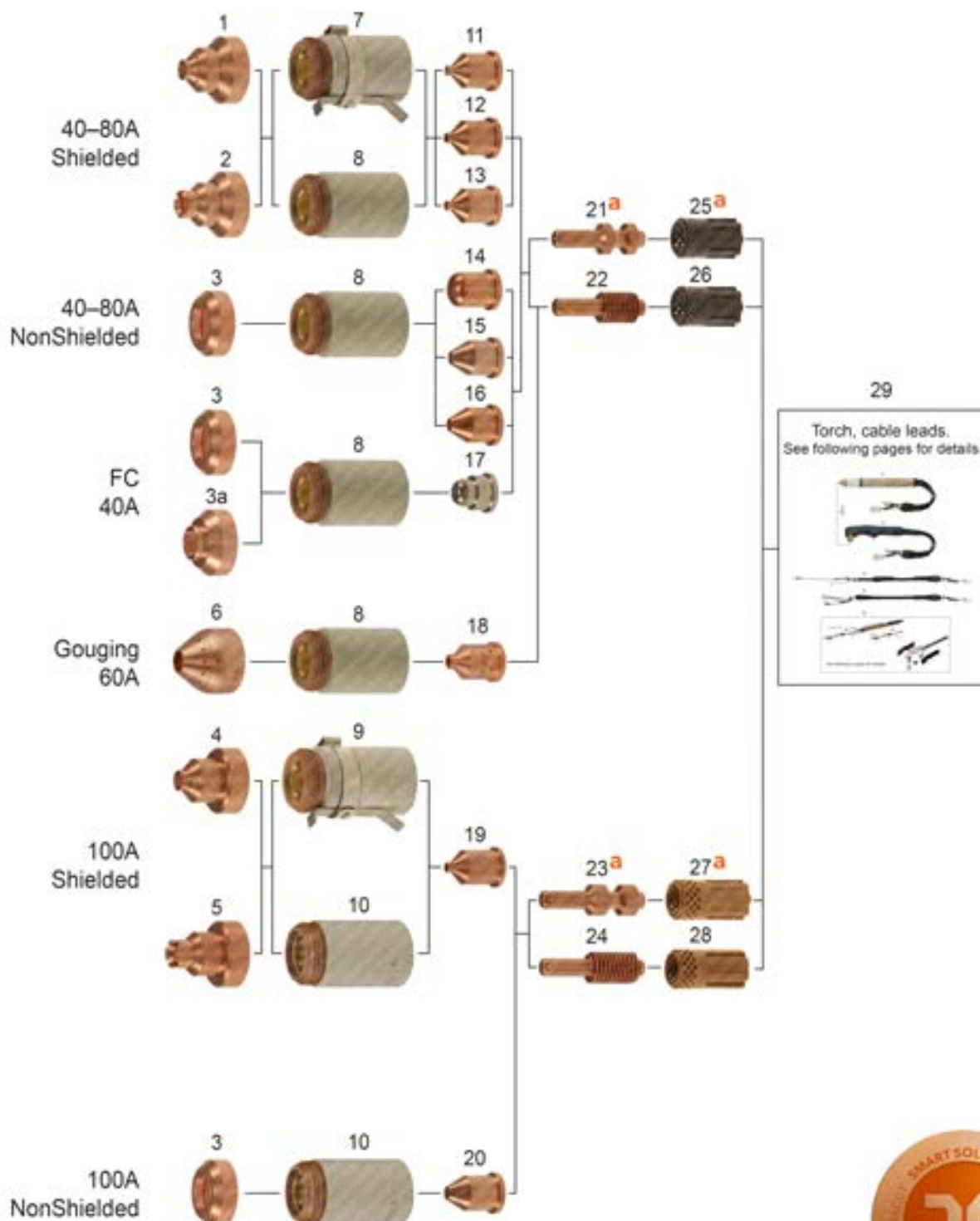
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

Hypertherm®

POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650

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



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

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

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

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**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**T60™/T60M™ TORCH, T80™/T80M™ TORCH, T100™/T100M™ TORCH**



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**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**T60™/T60M™ TORCH, T80™/T80M™ TORCH, T100™/T100M™ TORCH**

| Item | Part No. | Ref. No.  | Description                                   | Std. Pkg. | Item                                                    | Part No. | Ref. No.       | Description                                   | Std. Pkg. |
|------|----------|-----------|-----------------------------------------------|-----------|---------------------------------------------------------|----------|----------------|-----------------------------------------------|-----------|
| *1.  | KT-1194* | 083175-UR | T60M™ Machine Torch with Leads 4.6m (15')     | 1         | *                                                       | KT-1149* | 059270-UR      | T100™ Hand Torch with Leads 15.2m (50')       | 1         |
| *    | KT-1138* | 083174-UR | T60M™ Machine Torch with Leads 7.6m (25')     | 1         | *                                                       | KT-1345* | 059499-UR      | =059270-UR                                    | 1         |
| *    | KT-1195* | 083176-UR | T60M™ Machine Torch with Leads 10.7m (35')    | 1         | 3.                                                      | T-4510   | 058519         | O-Ring                                        | 10        |
| *    | KT-1196* | 083177-UR | T60M™ Machine Torch with Leads 15.2m (50')    | 1         | *4.                                                     | KT-1136* | 128681-UR      | T60™ Cable Leads, Hand 7.6m (25')             | 1         |
| *    | KT-1193* | 087003-UR | T80M™ Machine Torch with Leads 4.6m (15')     | 1         | *                                                       | KT-1140* | 128682-UR      | T60™ Cable Leads, Hand 15.2m (50')            | 1         |
| *    | KT-1134* | 087004-UR | T80M™ Machine Torch with Leads 7.6m (25')     | 1         | *5.                                                     | KT-1192* | 128634-UR      | T60M™/ T80M™ Cable Leads, Machine 4.6m (15')  | 1         |
| *    | KT-1184* | 087005-UR | T80M™ Machine Torch with Leads 10.7m (35')    | 1         | *                                                       | KT-1133* | 128633-UR      | T60M™/ T80M™ Cable Leads, Machine 7.6m (25')  | 1         |
| *    | KT-1163* | 087006-UR | T80M™ Machine Torch with Leads 15.2m (50')    | 1         | *                                                       | KT-1183* | 128635-UR      | T60M™/ T80M™ Cable Leads, Machine 10.7m (35') | 1         |
| *    | KT-1124* | 059265-UR | T100M™ Machine Torch with Leads 7.6m (25')    | 1         | *                                                       | KT-1162* | 128641-UR      | T60M™/ T80M™ Cable Leads, Machine 15.2m (50') | 1         |
| *    | KT-1170* | 059268-UR | T100M™ Machine Torch with Leads 10.7m (35')   | 1         | *4.                                                     | KT-1144* | 128636-UR      | T80™ Cable Leads, Hand 15.2m (50')            | 1         |
| *    | KT-1175* | 059272-UR | T100M™ Machine Torch with Leads 15.2m (50')   | 1         | *                                                       | KT-1146* | 128893-UR      | T80™ Cable Leads, Hand 22.9m (75')            | 1         |
| *    | KT-1450* | 059315-UR | T100M-2™ Machine Torch with Leads 7.6m (25')  | 1         | *                                                       | KT-1121* | 128755-UR      | T100™ Cable Leads, Hand 7.6m (25')            | 1         |
| *    | KT-1395* | 059325-UR | T100M-2™ Machine Torch with Leads 15.2m (50') | 1         | *                                                       | KT-1148* | 128752-UR      | T100™ Cable Leads, Hand 15.2m (50')           | 1         |
| *    | T-13153* | 059326-UR | T100M-2™ Machine Torch with Leads 22.9m (75') | 1         | *5.                                                     | KT-1122* | 128753-UR      | T100M™ Cable Leads, Machine 7.6m (25')        | 1         |
| *    | KT-1259* | 059300-UR | T100M™ Machine Torch with Leads 22.9m (75')   | 1         | *                                                       | KT-1169* | 128751-UR      | T100M™ Cable Leads, Machine 10.7m (35')       | 1         |
| *2.  | KT-1137* | 083172-UR | T60™ Hand Torch with Leads 7.6m (25')         | 1         | *                                                       | KT-1174* | 128759-UR      | T100M™ Cable Leads, Machine 15.2m (50')       | 1         |
| *    | KT-1141* | 083171-UR | T60™ Hand Torch with Leads 15.2m (50')        | 1         | *                                                       | KT-1258* | KT100M.22,9M.K | T100M™ Cable Leads, Machine 22.9m (75')       | 1         |
| *    | KT-1143* | 083208-UR | T60™ Hand Torch with Leads 22.9m (75')        | 1         | *                                                       | KT-1467* | 228222-UR      | T100M-2™ Cable Leads, Machine 7.6m (25')      | 1         |
| *    | KT-1131* | 087001-UR | T80™ Hand Torch with Leads 7.6m (25')         | 1         | *                                                       | KT-1396* | 228224-UR      | T100M-2™ Cable Leads, Machine 15.2m (50')     | 1         |
| *    | KT-1145* | 087002-UR | T80™ Hand Torch with Leads 15.2m (50')        | 1         | 6. Torch, cable leads. See following pages for details. |          |                |                                               |           |
| *    | KT-1147* | 087047-UR | T80™ Hand Torch with Leads 22.9m (75')        | 1         |                                                         |          |                |                                               |           |
| *    | KT-1123* | 059264-UR | T100™ Hand Torch with Leads 7.6m (25')        | 1         |                                                         |          |                |                                               |           |

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



| Item | Part No. | Ref. No.   | Description                                         | Std. Pkg. | Item | Part No.  | Ref. No.  | Description                                       | Std. Pkg. |
|------|----------|------------|-----------------------------------------------------|-----------|------|-----------|-----------|---------------------------------------------------|-----------|
| *1.  | T-10319* | 128640-UR  | T60M™/T80M™ Torch Body Kit (incl. items 1, 2, 3, 5) | 1         | *5.  | T-10253*  | 128521-UR | T60™, T80™/T60M™, T80M™ Torch Head Repair Kit     | 1         |
| 2.   | T-10237  | 027889 OEM | Retaining Clip                                      | 1         | *6.  | PT-12161* | 128643-UR | Torch Mounting Sleeve Replacement Kit with Screws | 1         |
| 3.   | T-4510   | 058519     | O-Ring                                              | 10        | 7.   | T-12159   | 128710    | Torch Positioning Sleeve                          | 1         |
| *4.  | T-10615* | 128639-UR  | TMT Cap-off Sensor Replacement Kit with Screws      | 1         |      |           |           |                                                   |           |

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



| Item | Part No. | Ref. No.   | Description                                       | Std. Pkg. | Item  | Part No. | Ref. No.  | Description                                   | Std. Pkg. |
|------|----------|------------|---------------------------------------------------|-----------|-------|----------|-----------|-----------------------------------------------|-----------|
| *1.  | T-10281* | 128564-UR  | T60™/T80™ Torch Body Kit (incl. items 1, 2, 3, 5) | 1         | *5.   | T-10253* | 128521-UR | T60™, T80™/T60M™, T80M™ Torch Head Repair Kit | 1         |
| 2.   | T-10237  | 027889 OEM | Retaining Clip                                    | 1         | a 6.  | T-10623  | 128644-UR | TMT Handle Kit with Screws                    | 1         |
| 3.   | T-4510   | 058519     | O-Ring                                            | 10        | a 7.  | T-10849  | T-10849   | Trigger + Switch                              | 1         |
| a 4. | T-10615  | 128639-UR  | TMT Cap-off Sensor Replacement Kit with Screws    | 1         | 4.-7. | T-10838  | T-10838   | T60™/T80™/T100™ Handle Repl. Assy             | 1         |

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



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

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



| Item  | Part No. | Ref. No.   | Description                                    | Std. Pkg. | Item  | Part No. | Ref. No.  | Description                       | Std. Pkg. |
|-------|----------|------------|------------------------------------------------|-----------|-------|----------|-----------|-----------------------------------|-----------|
| *1.   | T-10444* | 128767-UR  | T100™ Torch Body Kit (incl. items 2, 3, 5)     | 1         | a 6.  | T-10623  | 128644-UR | TMT Handle Kit with Screws        | 1         |
| OD 2. | T-10237  | 027889 OEM | Retaining Clip                                 | 1         | a 7.  | T-10849  | T-10849   | Trigger + Switch                  | 1         |
| 3.    | T-4510   | 058519     | O-Ring                                         | 10        | 4.-7. | T-10838  | T-10838   | T60™/T80™/T100™ Handle Repl. Assy | 1         |
| a 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         |       |          |           |                                   |           |

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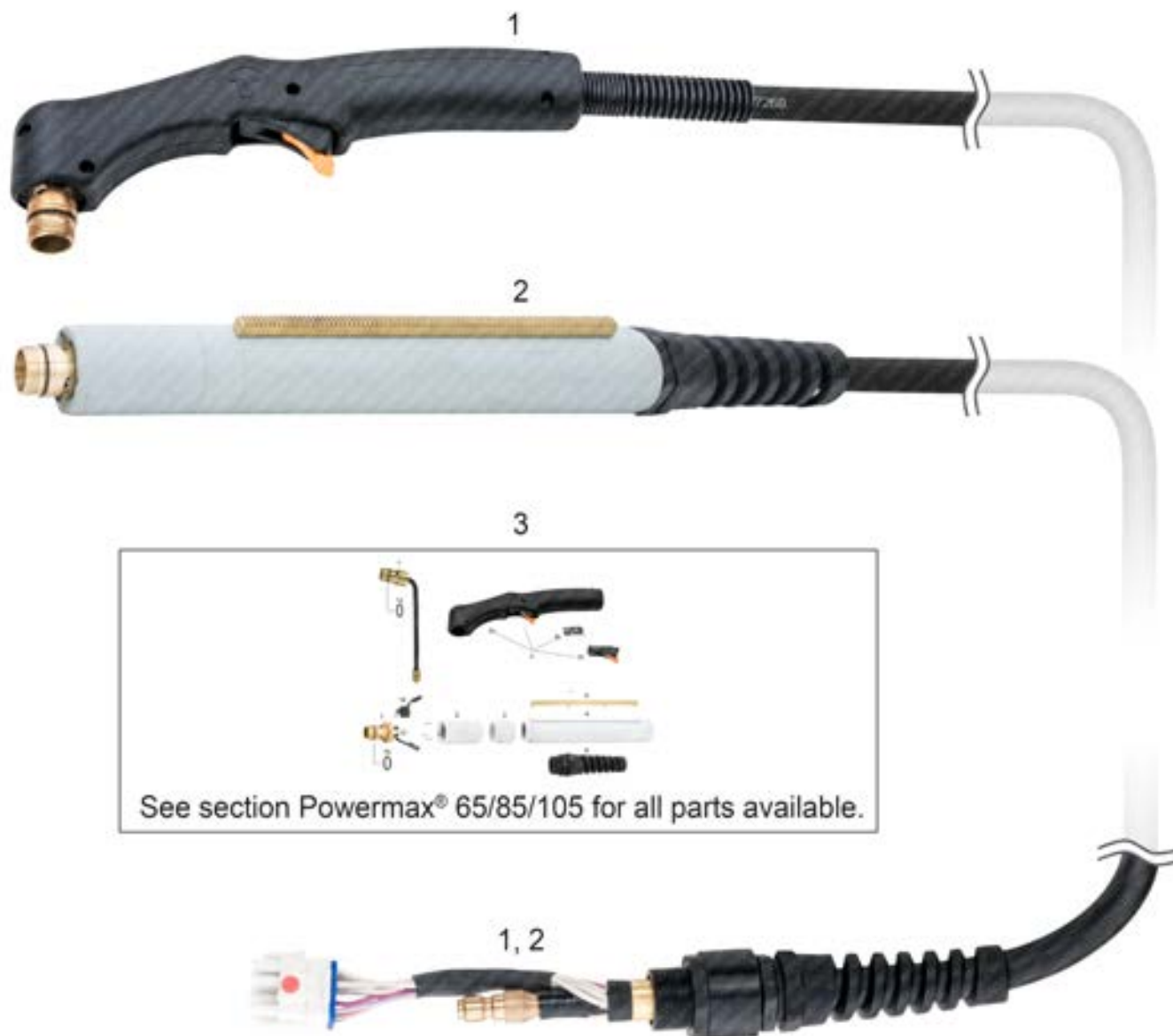
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**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**



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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 1000 / POWERMAX® 1250 / POWERMAX® 1650**  
**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

| Item | Part No.                                                 | Ref. No.  | Description                                                                                       | Std. Pkg. |
|------|----------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------|-----------|
| 1.   | T-13155                                                  | 228788-UR | DURAMAX® G3 Hand Torch with Leads 7.6m (25'), retrofit connection to POWERMAX® 1000/1250/1650     | 1         |
|      | T-13156                                                  | 228789-UR | DURAMAX® G3 Hand Torch with Leads 15.2m (50'), retrofit connection to POWERMAX® 1000/1250/1650    | 1         |
| 2.   | T-13157                                                  | 228790-UR | DURAMAX® G3 Machine Torch with Leads 7.6m (25'), retrofit connection to POWERMAX® 1000/1250/1650  | 1         |
|      | T-13158                                                  | 228791-UR | DURAMAX® G3 Machine Torch with Leads 15.2m (50'), retrofit connection to POWERMAX® 1000/1250/1650 | 1         |
| 3.   | See section POWERMAX® 65/85/105 for all parts available. |           |                                                                                                   |           |

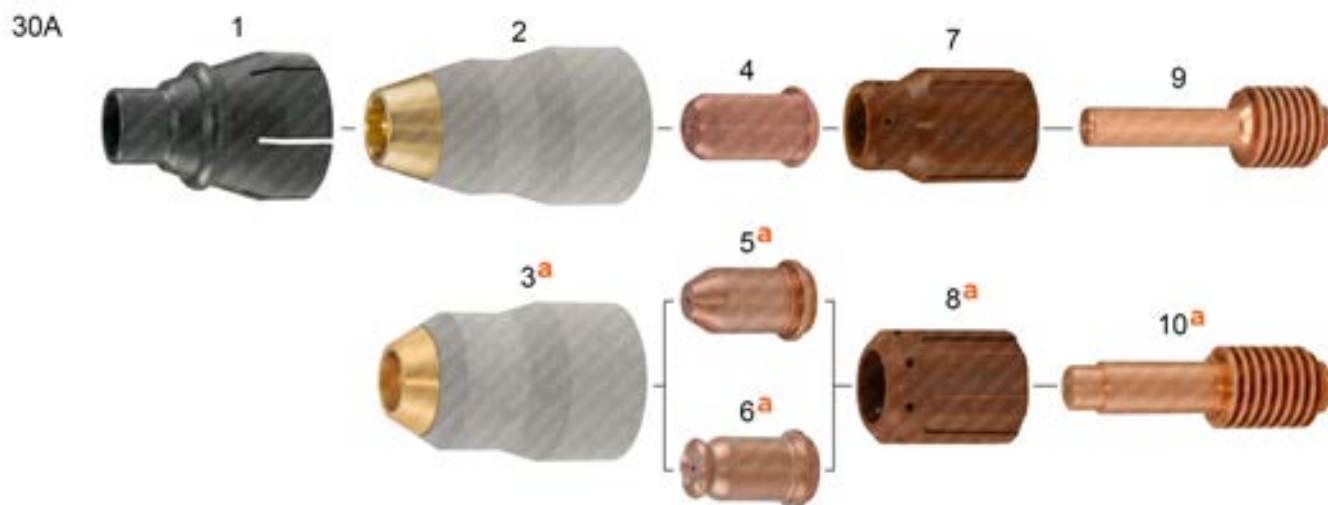
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® POWERMAX® 30 T30v™ HAND TORCH



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

**a** MUST BE USED ONLY AS A SET OF RETAINING CAP, NOZZLE, SWIRL RING, ELECTRODE, THIS COMPLETE SET IS COMPATIBLE WITH ORIGINAL TORCH BODY.  
**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

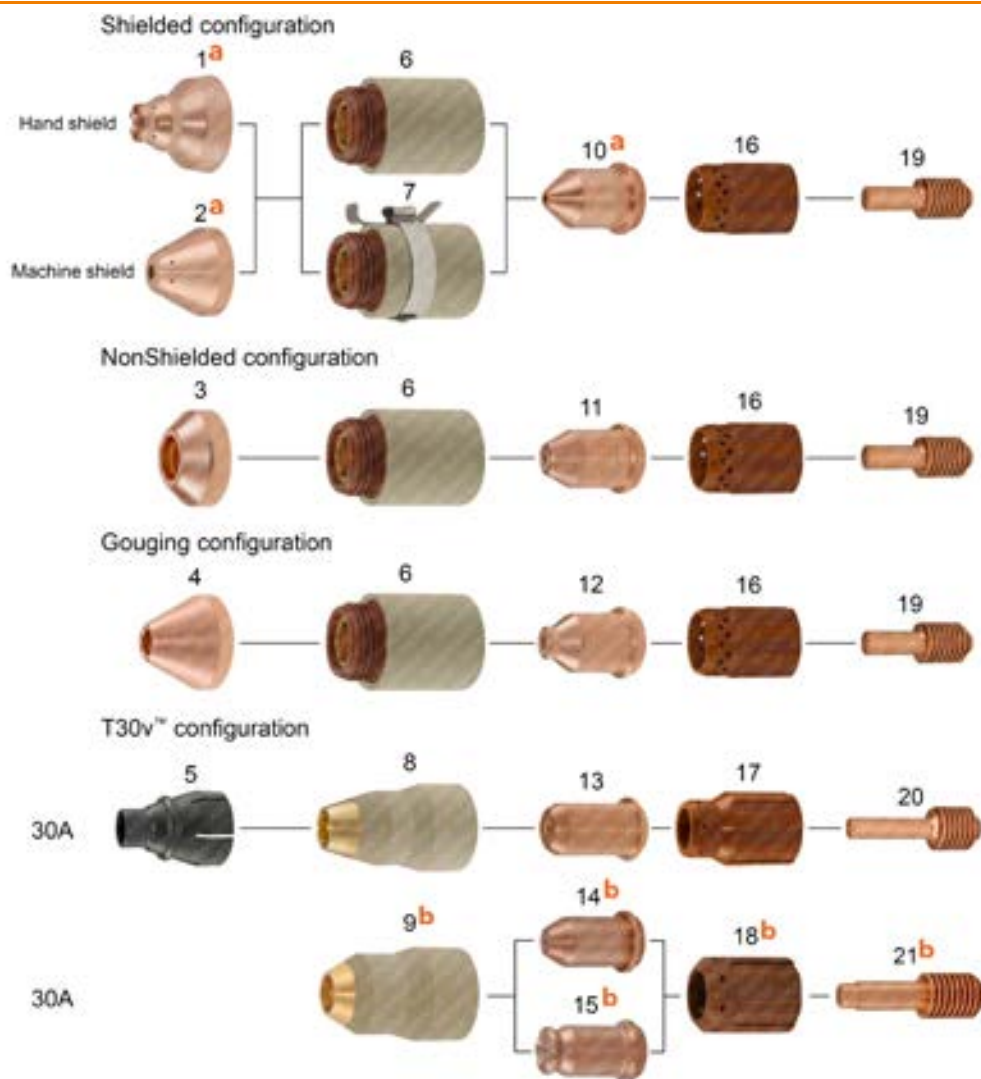
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**POWERMAX® 45**  
**T30v™/T45v™ HAND TORCH, T45m™ MACHINE TORCH**



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

**a** MUST BE USED ONLY AS A SET OF SHIELD AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.

**b** 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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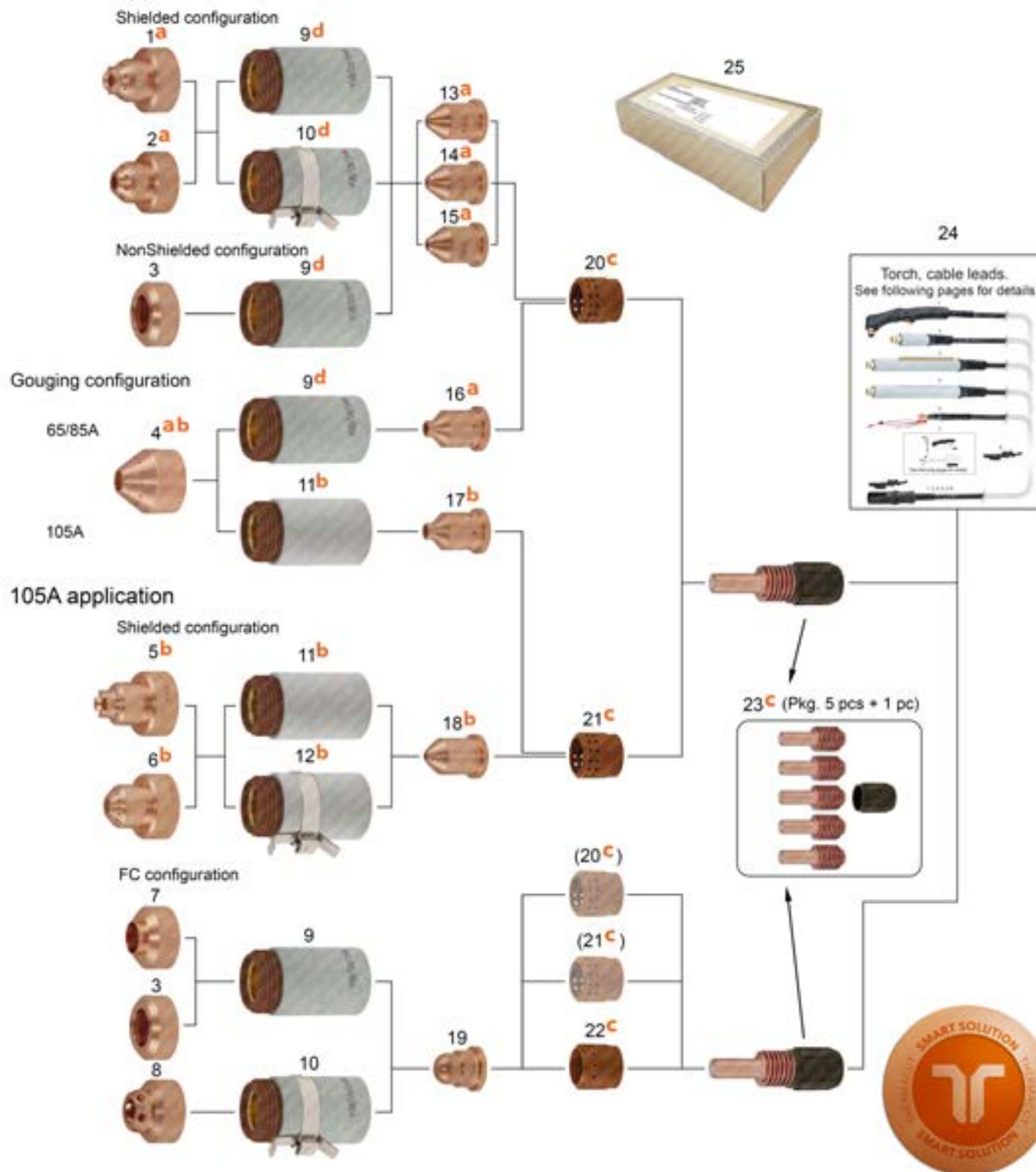
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**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

**45/65/85A application**



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**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**

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

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**b** MUST BE USED ONLY AS A SET OF SHIELD, RETAINING CAP AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.

**C** 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.

**d** RETAINING CAP UP TO 85A. FOR 105A - RETAINING CAP T-11422 HAS TO BE USED. DIFFERENT RETAINING CAP HAS TO BE USED FOR 105A AND FOR 45/65/85A.

**\*\*** CONTENT: ELECTRODE 5 PCS (PACKED TOGETHER WITH SWIRL RING SPRING HOLDER), NOZZLE 5 PCS, SW. RING 1 PC, RET. CAP 1 PC, SHIELD 2 PCS (20**C**), (21**C**) - ALSO POSSIBLE TO USE WITH FC CONFIGURATION, BUT FOR BEST CUT QUALITY RESULTS - USE 220947-UR

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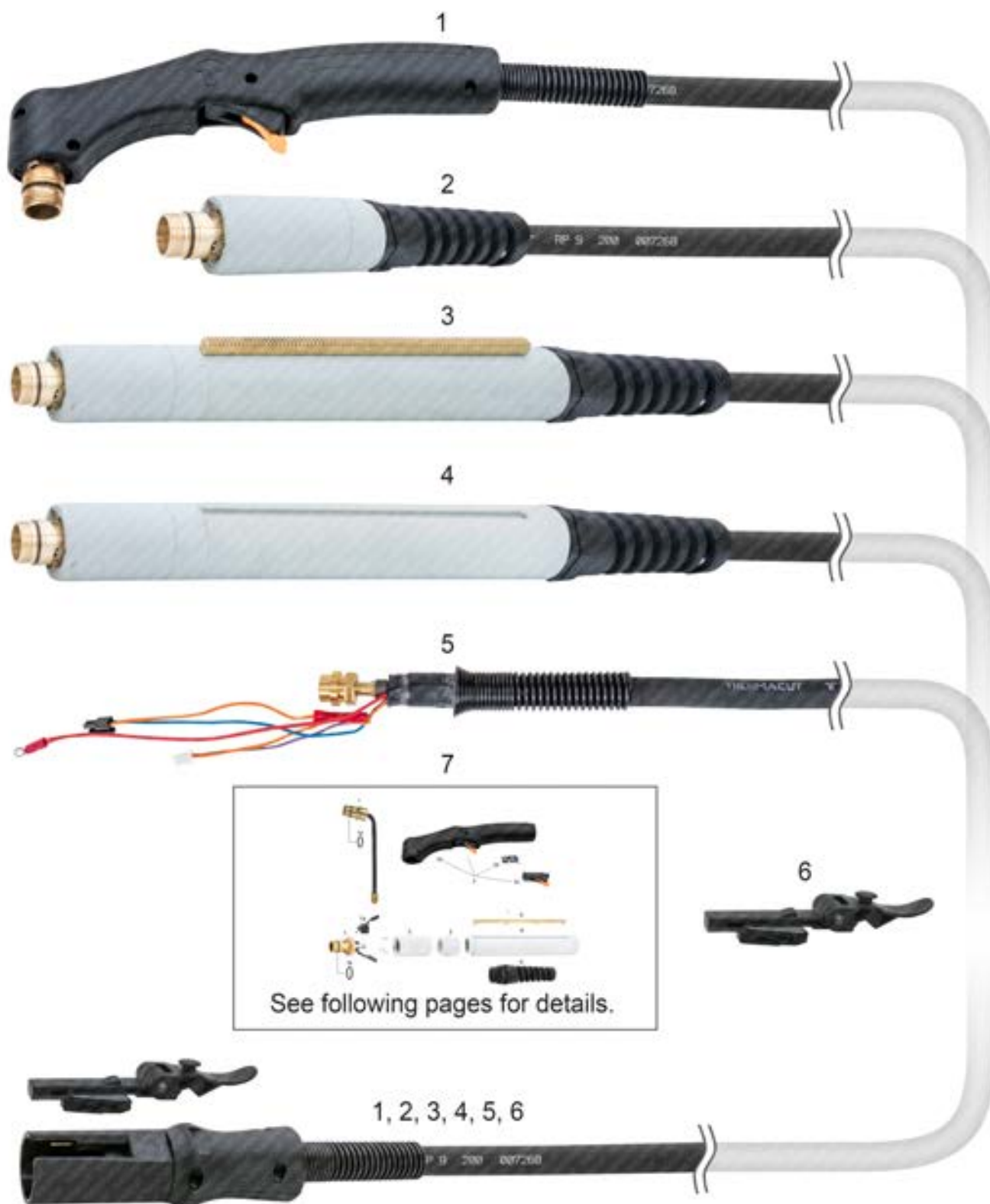
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**DURAMAX® HAND TORCH, DURAMAX® MACHINE TORCH**



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

| Item    | Part No. | Ref. No.       | Description                                                           | Std. Pkg. | Item    | Part No.                                             | Ref. No. | Description                                   | Std. Pkg. |
|---------|----------|----------------|-----------------------------------------------------------------------|-----------|---------|------------------------------------------------------|----------|-----------------------------------------------|-----------|
| NEW 1.  | KT-1513  | 059473-UR      | DURAMAX® Hand Torch with Leads 7.6m (25')                             | 1         | NEW     | T-13164                                              | T-13164  | DURAMAX® Machine Torch with Leads 7.6m (25')  | 1         |
| NEW     | KT-1514  | 059474-UR      | DURAMAX® Hand Torch with Leads 15.2m (50')                            | 1         | NEW     | T-13165                                              | T-13165  | DURAMAX® Machine Torch with Leads 10.7m (35') | 1         |
| NEW     | KT-1515  | 059475-UR      | DURAMAX® Hand Torch with Leads 23m (75')                              | 1         | NEW     | T-13166                                              | T-13166  | DURAMAX® Machine Torch with Leads 15.2m (50') | 1         |
| NEW !!! | T-13067  | DEMO DMX105H   | DURAMAX® Hand Torch with Leads, sample piece - exhibition only        | 1         | NEW     | T-13167                                              | T-13167  | DURAMAX® Machine Torch with Leads 23m (75')   | 1         |
| NEW 2.  | T-13073  | 059481-UR      | DURAMAX® Mach. Torch Short with Leads 4.6m (15')                      | 1         | NEW *5. | T-13168                                              | T-13168  | DURAMAX® Cable Leads, Hand 7.6m (25')         | 1         |
| NEW     | T-13074  | 059482-UR      | DURAMAX® Mach. Torch Short with Leads 7.6m (25')                      | 1         | NEW *   | T-13169                                              | T-13169  | DURAMAX® Cable Leads, Hand 15.2m (50')        | 1         |
| NEW     | T-13075  | 059483-UR      | DURAMAX® Mach. Torch Short with Leads 10.7m (35')                     | 1         | NEW *   | T-13170                                              | T-13170  | DURAMAX® Cable Leads, Hand 22.9m (75')        | 1         |
| NEW     | T-13076  | 059484-UR      | DURAMAX® Mach. Torch Short with Leads 15.2m (50')                     | 1         | NEW *   | T-13171                                              | T-13171  | DURAMAX® Cable Leads, Machine 4.6m (15')      | 1         |
| NEW !!! | T-13181  | DEMO DMX105MSH | DURAMAX® Mach. Torch Short with Leads, sample piece - exhibition only | 1         | NEW *   | T-13172                                              | T-13172  | DURAMAX® Cable Leads, Machine 7.6m (25')      | 1         |
| NEW 3.  | KT-1517  | 059476-UR      | DURAMAX® Machine Torch with Leads 4.6m (15')                          | 1         | NEW *   | T-13173                                              | T-13173  | DURAMAX® Cable Leads, Machine 10.7m (35')     | 1         |
| NEW     | KT-1518  | 059477-UR      | DURAMAX® Machine Torch with Leads 7.6m (25')                          | 1         | NEW *   | T-13174                                              | T-13174  | DURAMAX® Cable Leads, Machine 15.2m (50')     | 1         |
| NEW     | KT-1519  | 059478-UR      | DURAMAX® Machine Torch with Leads 10.7m (35')                         | 1         | NEW *   | T-13176                                              | T-13176  | DURAMAX® Cable Leads, Machine 22.9m (75')     | 1         |
| NEW     | KT-1520  | 059479-UR      | DURAMAX® Machine Torch with Leads 15.2m (50')                         | 1         | NEW 6.  | PT-13221                                             | PT-13221 | Latch and Key                                 | 1         |
| NEW     | KT-1521  | 059480-UR      | DURAMAX® Machine Torch with Leads 23m (75')                           | 1         | NEW 7.  | Torch, spare parts. See following pages for details. |          |                                               |           |
| NEW !!! | T-13068  | DEMO DMX105M   | DURAMAX® Mach. Torch with Leads, sample piece - exhibition only       | 1         |         |                                                      |          |                                               |           |
| NEW 4.  | T-13163  | T-13163        | DURAMAX® Machine Torch with Leads 4.6m (15')                          | 1         |         |                                                      |          |                                               |           |

\* INCLUDING PART 6.

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

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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105**  
**DURAMAX® HAND TORCH**



| Item   | Part No. | Ref. No.     | Description                  | Std. Pkg. | Item | Part No. | Ref. No. | Description   | Std. Pkg. |
|--------|----------|--------------|------------------------------|-----------|------|----------|----------|---------------|-----------|
| *1.    | T-12233  | 228958       | DURAMAX® Torch Body Kit      | 1         | 2b.  | T-10607  | T-10607  | Micro Switch  | 1         |
| 1a.    | N-18406  | O-KR-17x1,5G | O-Ring                       | 1         | 2c.  | PT-12600 | T-171    | Torch Trigger | 1         |
| **2.   | T-13098  | T-13098      | Handle Kit Full Set          | 1         | 2d.  | PT-13261 | PT-13261 | Cap Sensor    | 1         |
| ***2a. | T-13229  | T-13229      | Handle Cover + Screws (5pcs) | 1         |      |          |          |               |           |

\* INCLUDING PARTS 1, 1a.

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

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

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105 DURAMAX® MACHINE TORCH

## STANDARD TORCH



| Item | Part No. | Ref. No.     | Description                 | Std. Pkg. | Item | Part No. | Ref. No.  | Description        | Std. Pkg. |
|------|----------|--------------|-----------------------------|-----------|------|----------|-----------|--------------------|-----------|
| *1.  | T-12256* | 228716       | Torch Body DMX65M/85M/105M  | 1         | 4.   | T-12258  | 228737    | Tube L228          | 1         |
| 1a.  | T-13121  | 228720       | Cap Sensor Replacement      | 1         | 5.   | T-12259  | 228738-UR | Gear Rack          | 1         |
| 1b.  | N-18406  | O-KR-17x1,5G | O-Ring                      | 1         | 6.   | N-19548  | N-19548   | Plastic Protection | 1         |
| 2.   | T-12223  | 228735       | Torch Front Sleeve + Screws | 1         |      |          |           |                    |           |
| 2a.  | N-18238  | N-18238      | Screws (3pcs set)           | 1         |      |          |           |                    |           |
| 3.   | T-12257  | 228736       | Adaptor Ring                | 1         |      |          |           |                    |           |

## SHORT TORCH



| Item | Part No. | Ref. No.     | Description                 | Std. Pkg. | Item | Part No. | Ref. No. | Description        | Std. Pkg. |
|------|----------|--------------|-----------------------------|-----------|------|----------|----------|--------------------|-----------|
| *1.  | T-12256* | 228716       | Torch Body DMX65M/85M/105M  | 1         | 2a.  | N-18238  | N-18238  | Screws (3pcs set)  | 1         |
| 1a.  | T-13121  | 228720       | Cap Sensor Replacement      | 1         | 3.   | T-12257  | 228736   | Adaptor Ring       | 1         |
| 1b.  | N-18406  | O-KR-17x1,5G | O-Ring                      | 1         | 4.   | N-19548  | N-19548  | Plastic Protection | 1         |
| 2.   | T-12223  | 228735       | Torch Front Sleeve + Screws | 1         |      |          |          |                    |           |

\* INCLUDING PARTS 1, 1a, 1b, 2, 2a.

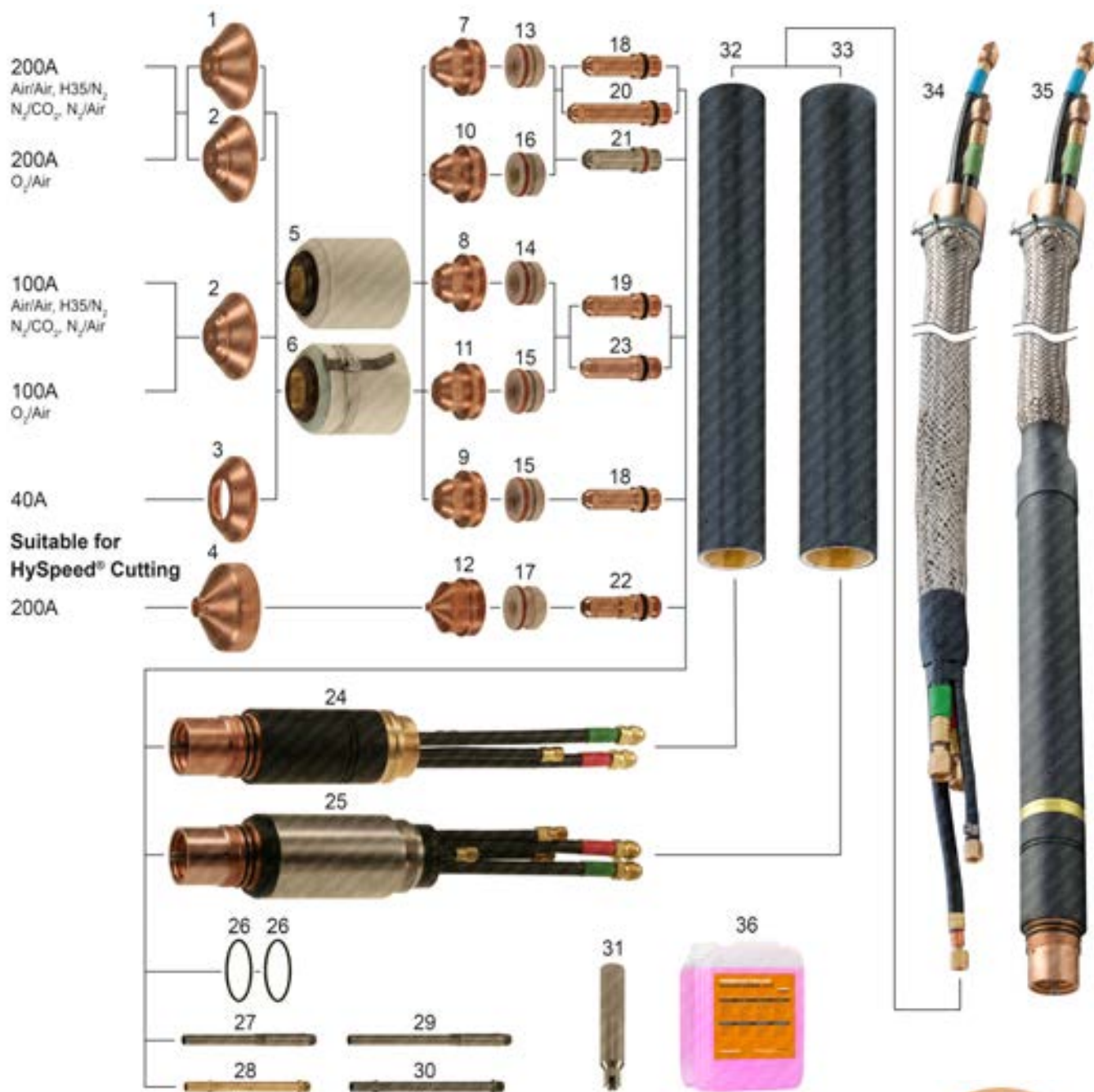
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT®2000 HySpeed®**  
**PAC®200/T**



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



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### HT® 2000 HySpeed®

### PAC® 200/T

| Item | Part No. | Ref. No.  | Description                             | Std. Pkg. | Item                                                                               | Part No.                                                      | Ref. No.  | Description                                     | Std. Pkg. |  |
|------|----------|-----------|-----------------------------------------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------|-------------------------------------------------|-----------|--|
| *1.  | T-4463*  | 020424-UR | Shield 200A, Machine                    | 1         | 21.                                                                                | T-4901                                                        | 020664-AG | Electrode 40A, 200A, SilverEX-®                 | 5         |  |
| 2.   | T-0365   | 020424    | Shield 200A, Machine                    | 1         | *22.                                                                               | T-10261*                                                      | 220235-UR | Electrode HySpeed® 200A                         | 5         |  |
|      | T-0366   | 020448    | Shield 100A, Machine                    | 1         | *23.                                                                               | T-0382*                                                       | 020415-UR | Electrode 100-200A                              | 5         |  |
| 3.   | T-0368   | 020688    | Shield 40A, Machine                     | 1         | 24.                                                                                | T-9757                                                        | 120584    | MAX®200/HT®2000, Machine Torch (same as 020470) | 1         |  |
| *NS  | T-10317* | 120260-UR | Shield 200A, Bevel, O <sub>2</sub> /Air | 1         | 25.                                                                                | T-4066                                                        | 120356    | MAX®200/HT®2000, S.S. Machine Torch             | 1         |  |
| *4.  | T-4462*  | 220239-UR | Shield HySpeed® 200A                    | 1         | 26.                                                                                | T-0383                                                        | 044027    | O-Ring                                          | 1         |  |
| 5.   | T-0370   | 020423    | Retaining Cap                           | 1         | #27.                                                                               | T-1813                                                        | 020963    | Water Tube, OEM Torch                           | 1         |  |
| 6.   | T-10242  | 120837    | Retaining Cap, Ohmic                    | 1         | **28.                                                                              | T-4119                                                        | T-4119    | Water Tube, TMT/OEM Torch                       | 1         |  |
| 7.   | T-0372   | 020608    | Nozzle 200A                             | 5         | #29.                                                                               | T-10876                                                       | 120257    | Water Tube, Extended, OEM Torch                 | 1         |  |
| 8.   | T-0373   | 020611    | Nozzle 100A                             | 5         | **30.                                                                              | PT-11557                                                      | T-4120    | Water Tube, Extended, TMT/OEM Torch             | 1         |  |
| 9.   | T-0376   | 020689    | Nozzle 40A                              | 5         | 31.                                                                                | T-1397                                                        | T-1397    | Wrench for TMT Water Tube                       | 1         |  |
| 10.  | T-0371   | 020605    | Nozzle 200A, O <sub>2</sub>             | 5         | 32.                                                                                | T-0386                                                        | 020431    | Sleeve 1.75" (D 44.5mm for 120584 or 020470)    | 1         |  |
| 11.  | T-1045   | 020690    | Nozzle 100A                             | 5         | 33.                                                                                | T-1001                                                        | 020041    | Sleeve 2" (D 50.8mm for 120356)                 | 1         |  |
| NS   | T-2839   | 120259    | Nozzle 200A, Bevel, O <sub>2</sub> /Air | 1         | 34.                                                                                | T-13249                                                       | T-13249   | HT®2000 Cable Leads 4.6m (15')                  | 1         |  |
| 12.  | T-8860   | 220237    | Nozzle HySpeed® 200A                    | 1         |                                                                                    | KT-1412                                                       | 028659    | HT®2000 Cable Leads 6.1m (20')                  | 1         |  |
| 13.  | T-1047   | 020679    | Swirl Ring 200A                         | 1         |                                                                                    | KT-1213                                                       | 028546    | HT®2000 Cable Leads 7.6m (25')                  | 1         |  |
| 14.  | T-0378   | 020607    | Swirl Ring 100A                         | 1         |                                                                                    | KT-1085                                                       | 028662    | HT®2000 Cable Leads 12.2m (40')                 | 1         |  |
| 15.  | T-0379   | 020613    | Swirl Ring 40A, 100A                    | 1         |                                                                                    | KT-1081                                                       | 028547    | HT®2000 Cable Leads 15.2m (50')                 | 1         |  |
| 16.  | T-1046   | 120833    | Swirl Ring 200A, O <sub>2</sub>         | 1         | 35.                                                                                | Cable with torch available on request.                        |           |                                                 |           |  |
| OD   | T-10945  | 120834    | Swirl Ring 200A, O <sub>2</sub> , CCW   | 5         | 36.                                                                                | Coolant Liquid. Details on the page 148, section Accessories. |           |                                                 |           |  |
| 17.  | T-10318  | 220236    | Swirl Ring HySpeed® 200A                | 1         | Different types of cable leads available on request                                |                                                               |           |                                                 |           |  |
| 18.  | T-0998   | 120667    | Electrode 40A, 200A                     | 5         | Parts HyPro™/MaxPro™ for line HT®2000 available also, see other pages for details. |                                                               |           |                                                 |           |  |
| 19.  | T-0773   | 120547    | Electrode 100A, 200A                    | 5         |                                                                                    |                                                               |           |                                                 |           |  |
| 20.  | T-2838   | 120258    | Electrode 200A, Extended                | 5         |                                                                                    |                                                               |           |                                                 |           |  |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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

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

**\*\*** COMPATIBLE WITH THERMACUT® AND OEM TORCH

**-AG** HEAVY DUTY ELECTRODE, OFFERS BETTER LIFETIME

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

**NS** NOT SHOWN IN THE PICTURE

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

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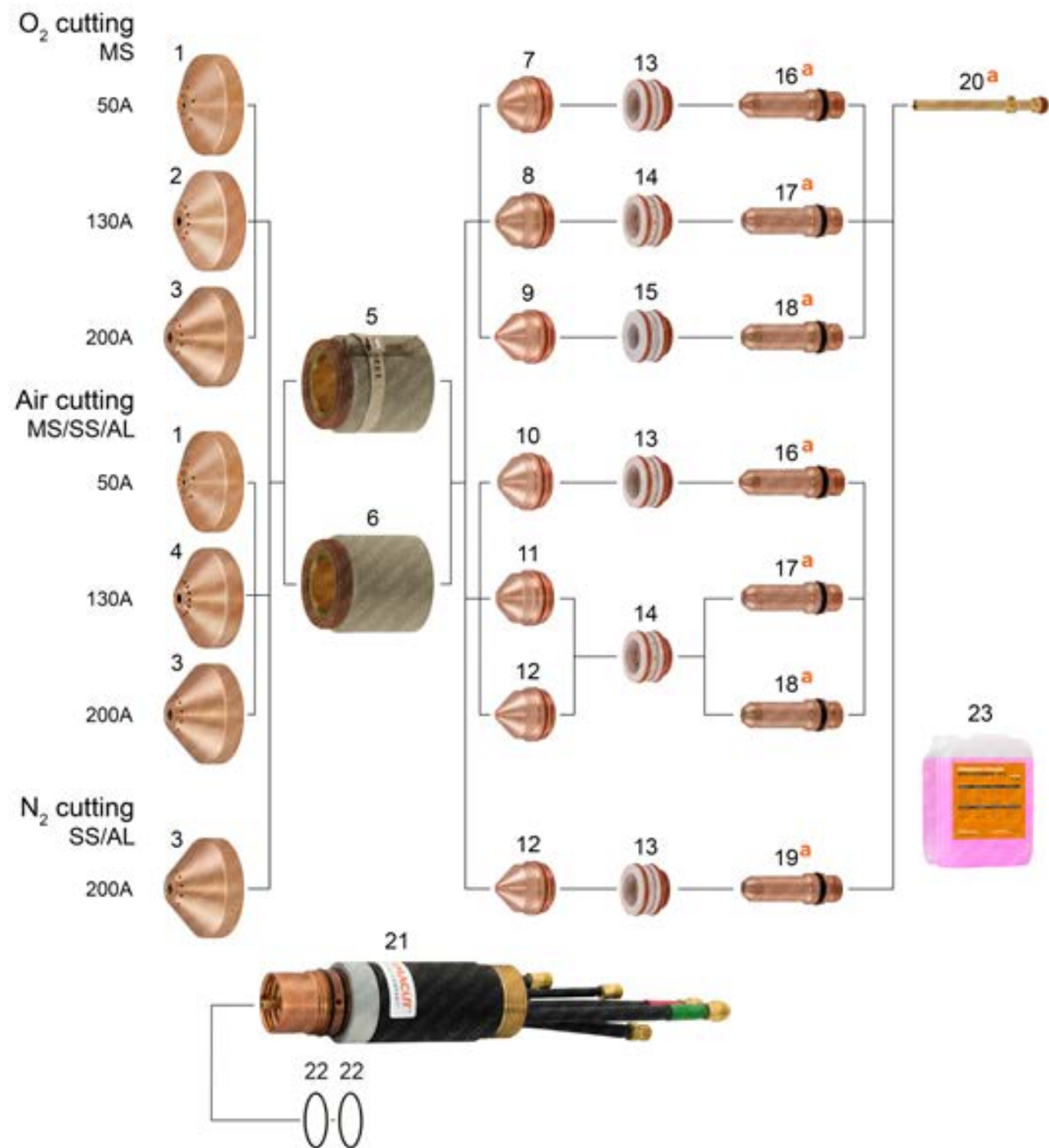
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**HyPro™2000 UPGRADE TORCH**  
**FOR HT®2000 MILD STEEL, STAINLESS STEEL, ALUMINIUM**



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

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

PRODUCT BROCHURE WITH DETAILS AT  
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| Item | Part No. | Ref. No.  | Description                                                                     | Std. Pkg. | Item                                                                               | Part No.                                                      | Ref. No.  | Description                                                 | Std. Pkg. |
|------|----------|-----------|---------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------|-------------------------------------------------------------|-----------|
| 1.   | T-11283  | 220532    | Shield 50A, O <sub>2</sub> /Air                                                 | 1         | 13.                                                                                | T-11282                                                       | 220529    | Swirl Ring 50A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ) | 1         |
| 2.   | T-11281  | 220491    | Shield 130A, O <sub>2</sub>                                                     | 1         | 14.                                                                                | T-11280                                                       | 220488    | Swirl Ring 130A (200A)                                      | 1         |
| 3.   | T-11375  | 220832    | Shield 200A, O <sub>2</sub> /Air                                                | 1         | 15.                                                                                | T-11312                                                       | 220834    | Swirl Ring 200A, O <sub>2</sub>                             | 1         |
| 4.   | T-11284  | 220536    | Shield 130A, Air                                                                | 1         | a 16.                                                                              | T-11309                                                       | 220528-UR | Electrode 45A (50A)                                         | 5         |
| 5.   | T-13097  | 220936    | Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), HD          | 1         | a 17.                                                                              | T-11304                                                       | 220487-UR | Electrode 130A, O <sub>2</sub> /Air                         | 5         |
| 6.   | T-13096  | 220935    | Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS, HD | 1         | a 18.                                                                              | T-11317                                                       | 220937-UR | Electrode 200A, O <sub>2</sub> /Air                         | 5         |
| NS   | T-13094  | 220490    | Retaining Cap 45/130A, Air (50/130A, O <sub>2</sub> ), w/o IHS, HD              | 1         | a 19.                                                                              | T-0382                                                        | 020415-UR | Electrode 100-200A                                          | 5         |
| NS   | T-13095  | 220578    | Retaining Cap 45/130A, Air (50/130A, O <sub>2</sub> ), with IHS, HD             | 1         | a 20.                                                                              | T-11307                                                       | 220521-UR | Cooling Tube (use with TMT electrode)                       | 1         |
| 7.   | T-11314* | 220891-UR | Nozzle 50A, O <sub>2</sub>                                                      | 5         | 21.                                                                                | T-12227                                                       | 220961-UR | HyPro™2000 Machine Torch                                    | 1         |
| 8.   | T-11316* | 220893-UR | Nozzle 130A, O <sub>2</sub>                                                     | 5         | 22.                                                                                | N-10094                                                       | 1-027B    | O-Ring                                                      | 1         |
| 9.   | T-11836* | 220831-UR | Nozzle 200A, O <sub>2</sub>                                                     | 1         | 23.                                                                                | Coolant Liquid. Details on the page 148, section Accessories. |           |                                                             |           |
| 10.  | T-11313* | 220890-UR | Nozzle 50A, Air                                                                 | 5         | Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details. |                                                               |           |                                                             |           |
| 11.  | T-11315* | 220892-UR | Nozzle 130A, O <sub>2</sub> /Air                                                | 5         |                                                                                    |                                                               |           |                                                             |           |
| 12.  | T-11837* | 420044-UR | Nozzle 200A, O <sub>2</sub> /Air/N <sub>2</sub>                                 | 5         |                                                                                    |                                                               |           |                                                             |           |

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

a 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.

NS NOT SHOWN IN THE PICTURE

W/O WITHOUT

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

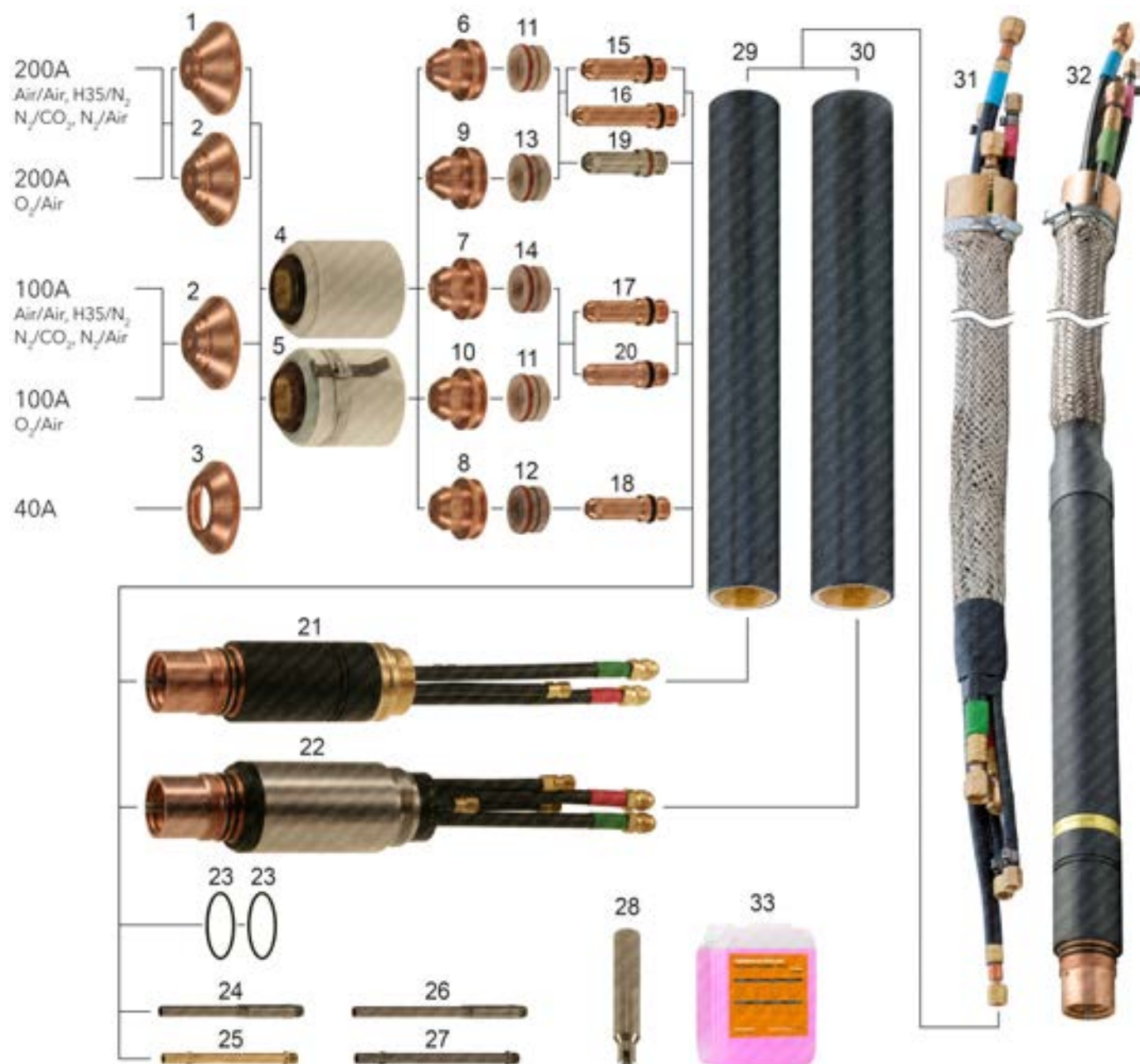
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**MAX®200**  
**PAC®200T/E**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### MAX®200

### PAC®200T/E

| Item | Part No. | Ref. No.  | Description                             | Std. Pkg. | Item                                                                               | Part No.                                                      | Ref. No.       | Description                                                      | Std. Pkg. |
|------|----------|-----------|-----------------------------------------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|------------------------------------------------------------------|-----------|
| *1.  | T-4463*  | 020424-UR | Shield 200A, Machine                    | 1         | 22.                                                                                | T-4066                                                        | 120356         | MAX®200/HT®2000, S.S. Machine Torch                              | 1         |
| 2.   | T-0365   | 020424    | Shield 200A, Machine                    | 1         | 23.                                                                                | T-0383                                                        | 044027         | O-Ring                                                           | 1         |
|      | T-0366   | 020448    | Shield 100A, Machine                    | 1         | #24.                                                                               | T-1813                                                        | 020963         | Water Tube, OEM Torch                                            | 1         |
| 3.   | T-0368   | 020688    | Shield 40A, Machine                     | 1         | **25.                                                                              | T-4119                                                        | T-4119         | Water Tube, TMT/OEM Torch                                        | 1         |
| 4.   | T-0370   | 020423    | Retaining Cap                           | 1         | #26.                                                                               | T-10876                                                       | 120257         | Water Tube, Extended, OEM Torch                                  | 1         |
| 5.   | T-10242  | 120837    | Retaining Cap, Ohmic                    | 1         | **27.                                                                              | PT-11557                                                      | T-4120         | Water Tube, Extended, TMT/OEM Torch                              | 1         |
| 6.   | T-0372   | 020608    | Nozzle 200A                             | 5         | 28.                                                                                | T-1397                                                        | T-1397         | Wrench for TMT Water Tube                                        | 1         |
| 7.   | T-0373   | 020611    | Nozzle 100A                             | 5         | 29.                                                                                | T-0386                                                        | 020431         | Sleeve 1.75" (D 44.5mm for 020470 or 120584)                     | 1         |
| 8.   | T-0376   | 020689    | Nozzle 40A                              | 5         | 30.                                                                                | T-1001                                                        | 020041         | Sleeve 2" (D 50.8mm for 120356)                                  | 1         |
| 9.   | T-0371   | 020605    | Nozzle 200A, O <sub>2</sub>             | 5         | 31.                                                                                | KT-1132                                                       | 028383         | MAX®200 Cable Leads Mach. 7.6m (25')                             | 1         |
| 10.  | T-0375   | 020616    | Nozzle 100A, O <sub>2</sub>             | 5         |                                                                                    | KT-1317                                                       | 028458         | MAX®200 Cable Leads Mach.10.7m (35')                             | 1         |
| 11.  | T-0378   | 020607    | Swirl Ring 100A, 200A                   | 1         |                                                                                    | KT-1212                                                       | 028459         | MAX®200 Cable Leads Mach.12.2m (40')                             | 1         |
| 12.  | T-0379   | 020613    | Swirl Ring 40A                          | 1         |                                                                                    | KT-1072                                                       | 028384         | MAX®200 Cable Leads Mach.15.2m (50')                             | 1         |
| 13.  | T-0377   | 020604    | Swirl Ring 200A, O <sub>2</sub>         | 1         |                                                                                    | KT-1078                                                       | K.MAX200.21M.K | MAX®200 Cable Leads Mach. 21m (69')                              | 1         |
| 14.  | T-0380   | 020617    | Swirl Ring 100A, O <sub>2</sub>         | 1         |                                                                                    | KT-1161                                                       | 028599         | MAX®200 Cable Leads Mach. 22.9m (75')                            | 1         |
| *15. | T-3926*  | 220021-UR | Electrode 40A, 200A                     | 5         | 32.                                                                                | KT-1167                                                       | K.MAX200.7,6M  | MAX®200 Mach. Torch with Leads 7.6m (25')                        | 1         |
| 16.  | T-2838   | 120258    | Electrode 200A, Extended                | 5         |                                                                                    | KT-1059                                                       | K.MAX200.10,7M | MAX®200 Mach. Torch with Leads 10.7m (35')                       | 1         |
| 17.  | T-0773   | 120547    | Electrode 100A, 200A                    | 5         |                                                                                    | KT-1168                                                       | K.MAX200.15,2M | MAX®200 Mach. Torch with Leads 15.2m (50')                       | 1         |
| 18.  | T-0998   | 120667    | Electrode 40A, 200A                     | 5         |                                                                                    | KT-1248                                                       | DEMO MAX200    | MAX®200 Machine Torch with Leads (sample piece), exhibition only | 1         |
| 19.  | T-4901   | 020664-AG | Electrode 40A, 200A, SilverEX-®         | 5         | 33.                                                                                | Coolant Liquid. Details on the page 148, section Accessories. |                |                                                                  |           |
| *20. | T-0382*  | 020415-UR | Electrode 100-200A                      | 5         | Different types of cable leads available on request                                |                                                               |                |                                                                  |           |
| 21.  | T-0384   | 020470    | MAX®200, Machine Torch (same as 120584) | 1         | Parts HyPro™/MaxPro™ for line MAX®200 available also, see other pages for details. |                                                               |                |                                                                  |           |

- # COMPATIBLE WITH OEM TORCH ONLY, DOESN'T FIT TO THERMACUT® TORCH
- \* FULLY INTERCHANGEABLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN
- \*\* COMPATIBLE WITH THERMACUT® AND OEM TORCH
- NS NOT SHOWN IN THE PICTURE
- AG HEAVY DUTY ELECTRODE, OFFERS BETTER LIFETIME

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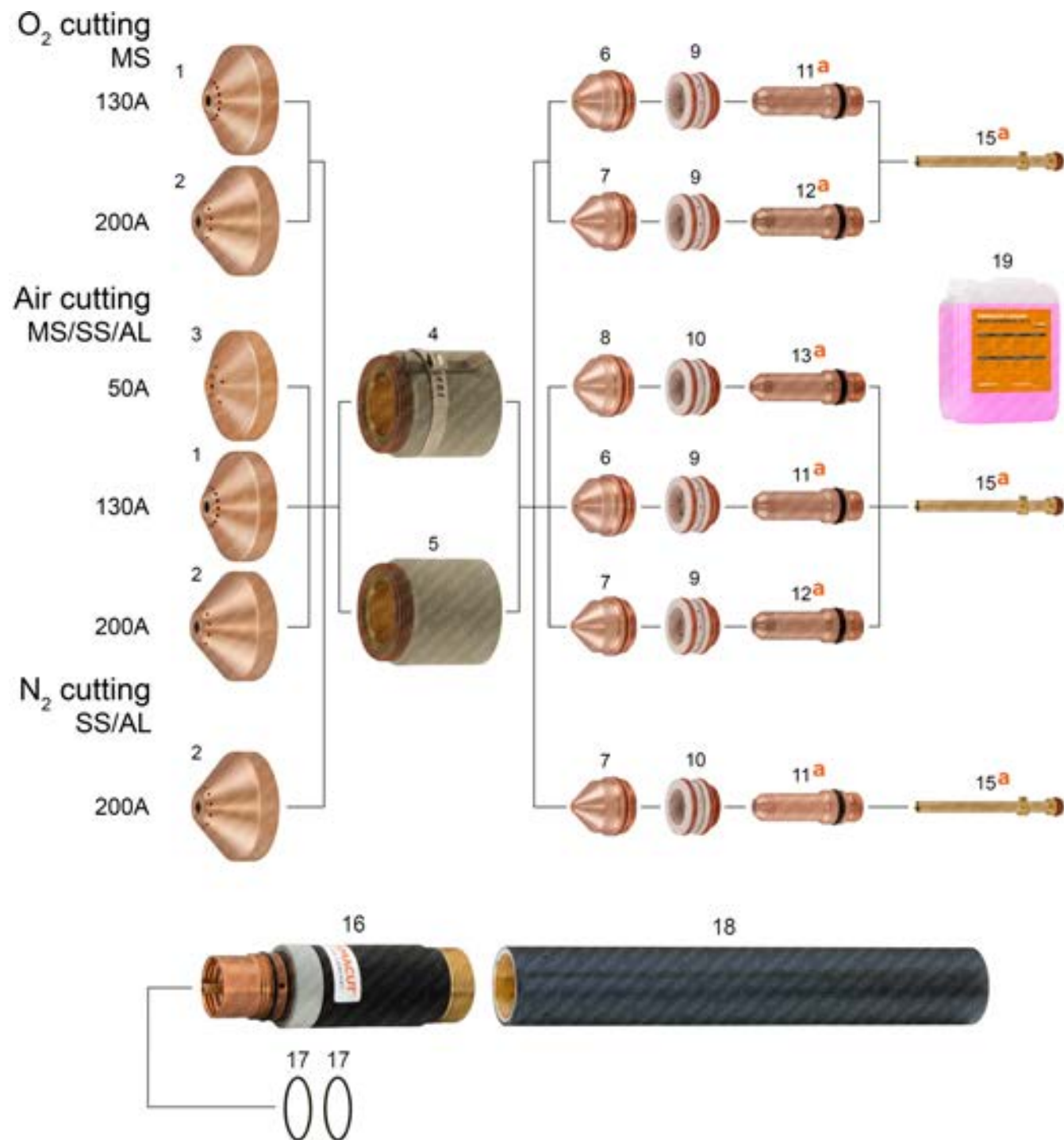
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**MaxPro™200 UPGRADE TORCH**  
**FOR MAX®200 MILD STEEL, STAINLESS STEEL, ALUMINIUM**



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

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

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

| Item | Part No. | Ref. No.  | Description                                                                     | Std. Pkg. | Item                                                                               | Part No.                                                      | Ref. No.  | Description                           | Std. Pkg. |
|------|----------|-----------|---------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------|---------------------------------------|-----------|
| 1.   | T-11284  | 220536    | Shield 130A, O <sub>2</sub> /Air                                                | 1         | a 11.                                                                              | T-11304                                                       | 220487-UR | Electrode 130A, O <sub>2</sub> /Air   | 5         |
| 2.   | T-11376  | 420045    | Shield 200A, Air/N <sub>2</sub>                                                 | 1         | a 12.                                                                              | T-11317                                                       | 220937-UR | Electrode 200A, O <sub>2</sub> /Air   | 5         |
| 3.   | T-11283  | 220532    | Shield 50A, Air                                                                 | 1         | a 13.                                                                              | T-11309                                                       | 220528-UR | Electrode 45A (50A)                   | 5         |
| 4.   | T-13097  | 220936    | Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), HD          | 1         | a 14.                                                                              | T-0382                                                        | 020415-UR | Electrode 100-200A                    | 5         |
| 5.   | T-13096  | 220935    | Retaining Cap 50-200A, O <sub>2</sub> /Air (200A, N <sub>2</sub> ), w/o IHS, HD | 1         | a 15.                                                                              | T-11307                                                       | 220521-UR | Cooling Tube (use with TMT electrode) | 1         |
| 6.   | T-11315* | 220892-UR | Nozzle 130A, O <sub>2</sub> /Air                                                | 5         | 16.                                                                                | T-13154                                                       | 420087-UR | Torch Body MaxPro™200                 | 1         |
| 7.   | T-11837* | 420044-UR | Nozzle 200A, O <sub>2</sub> /Air/N <sub>2</sub>                                 | 5         | 17.                                                                                | N-10094                                                       | 1-027B    | O-Ring                                | 1         |
| 8.   | T-11313* | 220890-UR | Nozzle 50A, Air                                                                 | 5         | 18.                                                                                | T-13160                                                       | 220943    | Mounting Sleeve 2"                    | 1         |
| 9.   | T-11280  | 220488    | Swirl Ring 130A (200A)                                                          | 1         | 19.                                                                                | Coolant Liquid. Details on the page 148, section Accessories. |           |                                       |           |
| 10.  | T-11282  | 220529    | Swirl Ring 50A, Air (200A, N <sub>2</sub> )                                     | 1         | Parts HyPro™/MaxPro™ for line HT®2000 available also, see other pages for details. |                                                               |           |                                       |           |

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

a 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.

NS NOT SHOWN IN THE PICTURE

W/O WITHOUT

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

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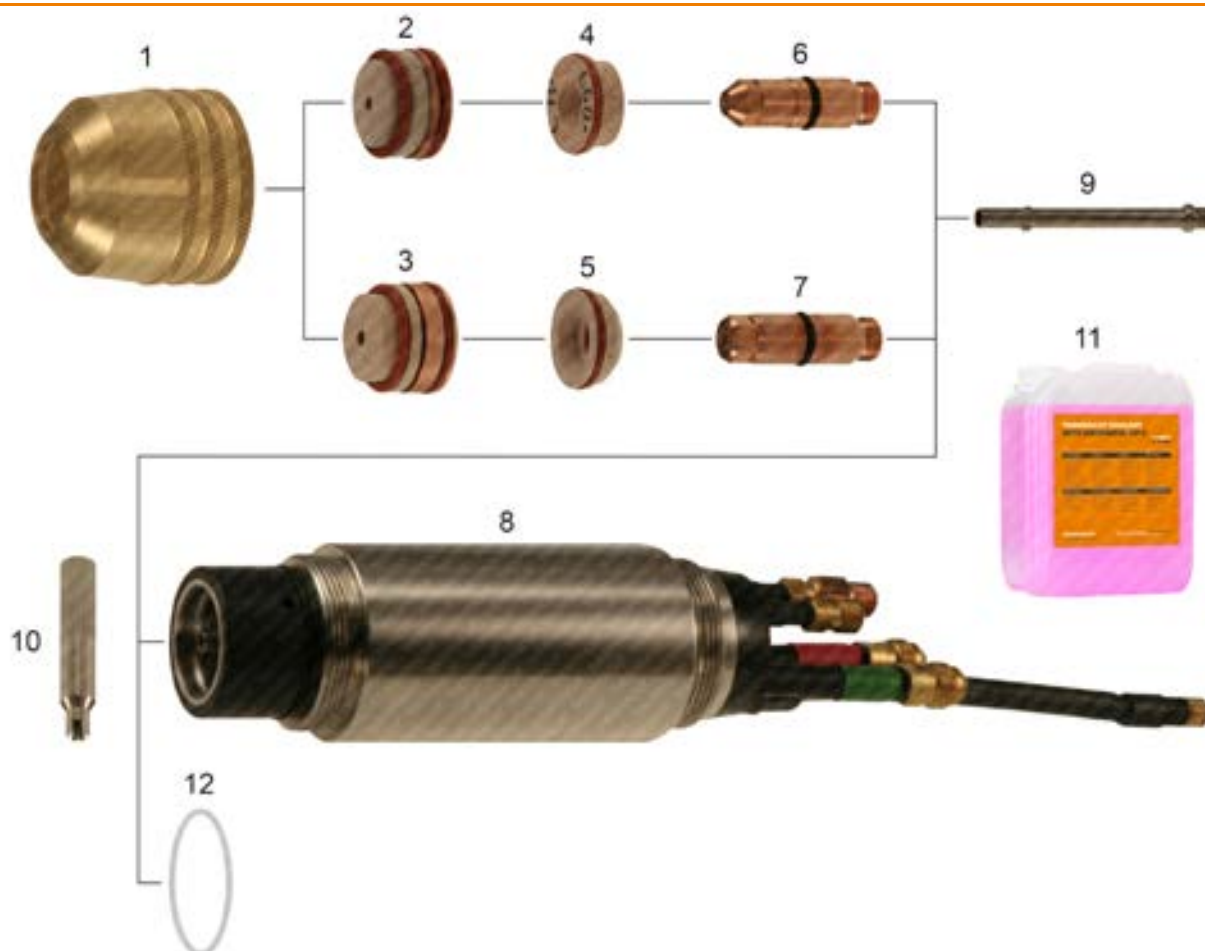
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Hypertherm® HT®400



| Item      | Part No. | Ref. No.  | Description                               | Std. Pkg. | Item                                                | Part No. | Ref. No.        | Description                                                   | Std. Pkg. |
|-----------|----------|-----------|-------------------------------------------|-----------|-----------------------------------------------------|----------|-----------------|---------------------------------------------------------------|-----------|
| 1.        | T-0088   | 020579    | Retaining Cap                             | 1         | NS                                                  | KT-1154  | 028140          | HT®400, PAC®500 Cable Leads 7.6m (25')                        | 1         |
| 2.        | T-0078   | 020086    | Nozzle 260A, 340A, O <sub>2</sub>         | 1         | NS                                                  | KT-1157  | 028141          | HT®400, PAC®500 Cable Leads 9.2m (30')                        | 1         |
| OD 3.     | T-0080   | 020084    | Nozzle .166, N <sub>2</sub>               | 1         | NS                                                  | KT-1153  | 028142          | HT®400, PAC®500 Cable Leads 10.7m (35')                       | 1         |
| NS T-1795 | 020392   |           | Nozzle .099, O <sub>2</sub> , CCW         | 1         | NS                                                  | KT-1404  | 028143          | HT®400, PAC®500 Cable Leads 12.2m (40')                       | 1         |
| 4.        | T-0081   | 020096    | Swirl Ring, O <sub>2</sub>                | 1         | NS                                                  | KT-1217  | K.HT400.15,2M.K | HT®400, PAC®500 Cable Leads 15.2m (50')                       | 1         |
| 5.        | T-0020   | 020039    | Swirl Ring .120/.166/.187, N <sub>2</sub> | 1         | NS                                                  | KT-1058  | K.HT400.10,7M   | HT®400 Mach. Torch with Leads 10.7m (35')                     | 1         |
| 6.        | T-0083   | 020081    | Electrode, O <sub>2</sub>                 | 5         | 11.                                                 |          |                 | Coolant Liquid. Details on the page 148, section Accessories. |           |
| 7.        | T-0084   | 020082    | Electrode, N <sub>2</sub>                 | 5         | 12.                                                 |          |                 | Not available any more - OEM only.                            |           |
| OD 8.     | T-0085   | 020080    | Torch Body HT®400                         | 1         | Different types of cable leads available on request |          |                 |                                                               |           |
| **9.      | T-1388** | 020990-UR | Water Tube, TMT Torch                     | 1         |                                                     |          |                 |                                                               |           |
| 10.       | T-1397   | T-1397    | Wrench for TMT Water Tube                 | 1         |                                                     |          |                 |                                                               |           |
| NS        | KT-1214  | 028139    | HT®400, PAC®500 Cable Leads 6.1m (20')    | 1         |                                                     |          |                 |                                                               |           |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

**\*\*** 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 CLOCK WISE (CW) SWIRLING PARTS.

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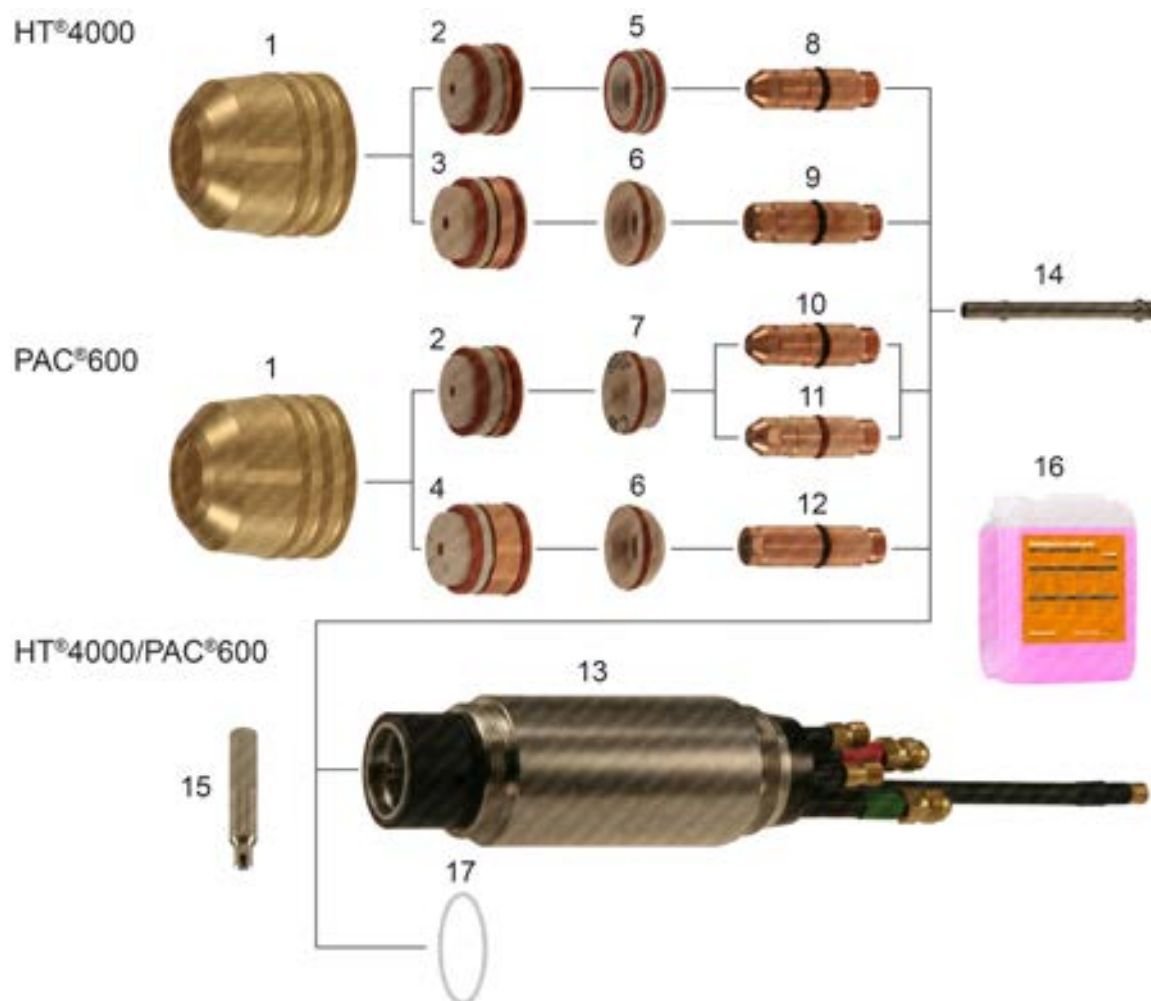
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HT® 4000**  
**PAC®170/PAC®600**



| Item  | Part No. | Ref. No. | Description                               | Std. Pkg. | Item  | Part No.                                                      | Ref. No.  | Description                        | Std. Pkg. |
|-------|----------|----------|-------------------------------------------|-----------|-------|---------------------------------------------------------------|-----------|------------------------------------|-----------|
| 1.    | T-0088   | 020579   | Retaining Cap                             | 1         | 9.    | T-0084                                                        | 020082    | Electrode, N <sub>2</sub>          | 5         |
| 2.    | T-0078   | 020086   | Nozzle 260A, 340A, O <sub>2</sub>         | 1         | 10.   | T-0083                                                        | 020081    | Electrode, O <sub>2</sub>          | 5         |
| OD 3. | T-0080   | 020084   | Nozzle .166, N <sub>2</sub>               | 1         | 11.   | T-1382                                                        | 120090    | Electrode, O <sub>2</sub>          | 5         |
| 4.    | T-0509   | 020281   | Nozzle .120, N <sub>2</sub>               | 1         | 12.   | T-0499                                                        | 020285    | Electrode, N <sub>2</sub>          | 5         |
|       | T-0510   | 020282   | Nozzle .166, N <sub>2</sub>               | 1         | 13.   | T-1393                                                        | 020328    | Torch Body PAC®170/PAC®600/PAC®620 | 1         |
|       | T-0511   | 020283   | Nozzle .187, N <sub>2</sub>               | 1         | **14. | T-1388**                                                      | 020990-UR | Water Tube, TMT Torch              | 1         |
|       | T-0512   | 020284   | Nozzle .220, N <sub>2</sub>               | 1         | 15.   | T-1397                                                        | T-1397    | Wrench for TMT Water Tube          | 1         |
| 5.    | T-1292   | 020623   | Swirl Ring, PAC®170                       | 1         | 16.   | Coolant Liquid. Details on the page 148, section Accessories. |           |                                    |           |
| 6.    | T-0020   | 020039   | Swirl Ring .120/.166/.187, N <sub>2</sub> | 1         | 17.   | Not available any more - OEM only.                            |           |                                    |           |
| 7.    | T-1002   | 020380   | Swirl Ring .099                           | 1         |       |                                                               |           |                                    |           |
|       | T-1003   | 020391   | Swirl Ring .099, CCW                      | 2         |       |                                                               |           |                                    |           |
| 8.    | T-1293   | 020663   | Electrode PAC®170, O <sub>2</sub>         | 5         |       |                                                               |           |                                    |           |

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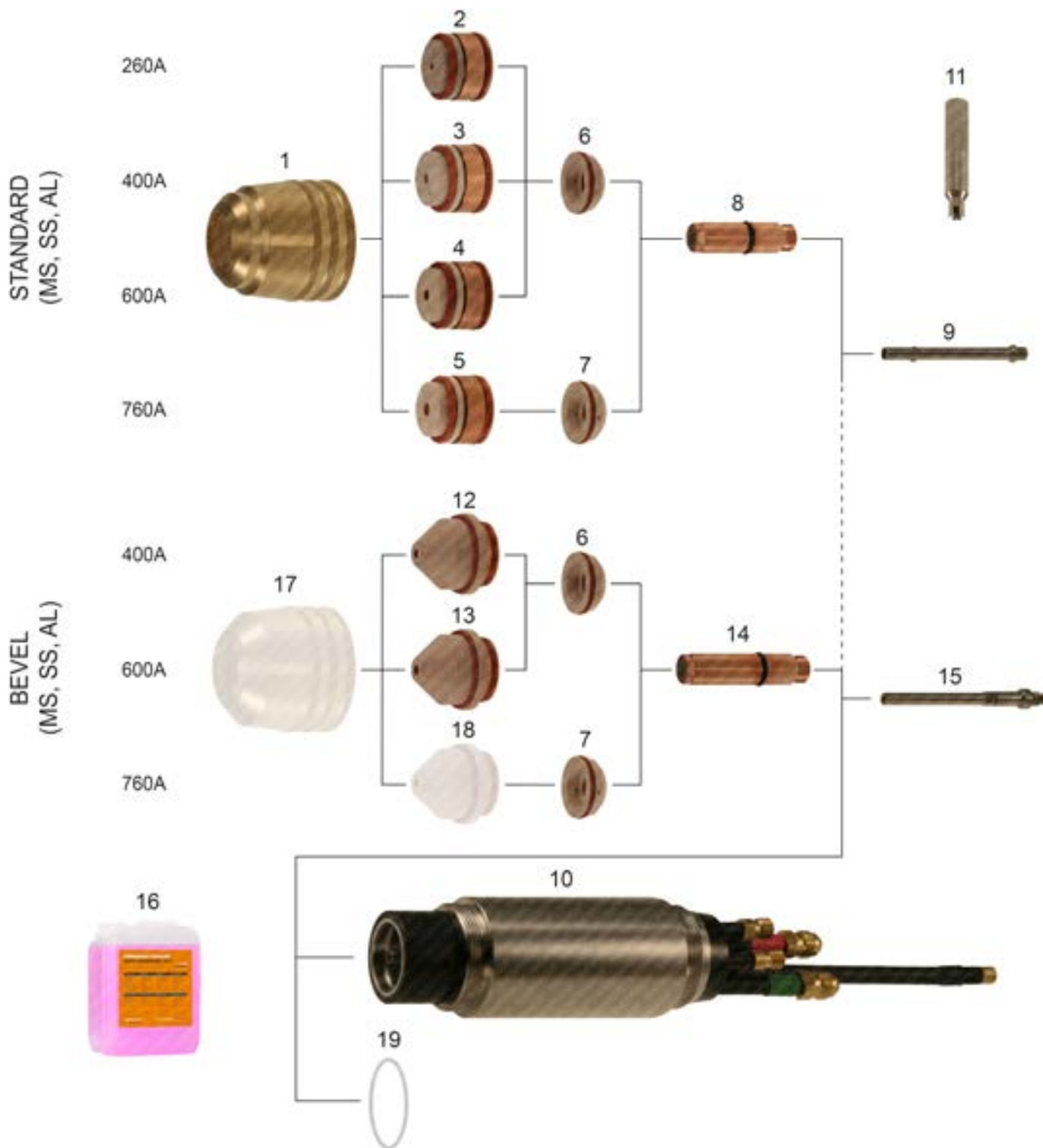
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**HT®4001**  
**PAC®620 WITH SLAVE**



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

| Item | Part No. | Ref. No.  | Description                               | Std. Pkg. | Item    | Part No.                                                      | Ref. No.  | Description                        | Std. Pkg. |
|------|----------|-----------|-------------------------------------------|-----------|---------|---------------------------------------------------------------|-----------|------------------------------------|-----------|
| 1.   | T-0508   | 020580    | Retaining Cap 260A-760A, N <sub>2</sub>   | 1         | 11.     | T-1397                                                        | T-1397    | Wrench for TMT Water Tube          | 1         |
| 2.   | T-0509   | 020281    | Nozzle .120, N <sub>2</sub>               | 1         | 12.     | T-1384                                                        | 120387    | Nozzle 400A, Bevel, N <sub>2</sub> | 1         |
| 3.   | T-0510   | 020282    | Nozzle .166, N <sub>2</sub>               | 1         | 13.     | T-11184                                                       | 120388    | Nozzle 600A, Bevel, N <sub>2</sub> | 1         |
| 4.   | T-0511   | 020283    | Nozzle .187, N <sub>2</sub>               | 1         | 14.     | T-1387                                                        | 020968    | Electrode, Bevel, N <sub>2</sub>   | 5         |
| 5.   | T-0512   | 020284    | Nozzle .220, N <sub>2</sub>               | 1         | 15.     | T-9883                                                        | 020991-UR | Water Tube, Bevel, TMT torch       | 1         |
| 6.   | T-0020   | 020039    | Swirl Ring .120/.166/.187, N <sub>2</sub> | 1         | NS      | KT-1369                                                       | 028516    | PAC®620 Cable Leads 15.2m (50')    | 1         |
| 7.   | T-0022   | 020040    | Swirl Ring .220                           | 1         | 16.     | Coolant Liquid. Details on the page 148, section Accessories. |           |                                    |           |
| 8.   | T-0499   | 020285    | Electrode, N <sub>2</sub>                 | 5         | 17.-19. | Not available any more - OEM only.                            |           |                                    |           |
| **9. | T-1388** | 020990-UR | Water Tube, TMT Torch                     | 1         |         |                                                               |           |                                    |           |
| 10.  | T-1393   | 020328    | Torch Body PAC®170/PAC®600/PAC®620        | 1         |         |                                                               |           |                                    |           |

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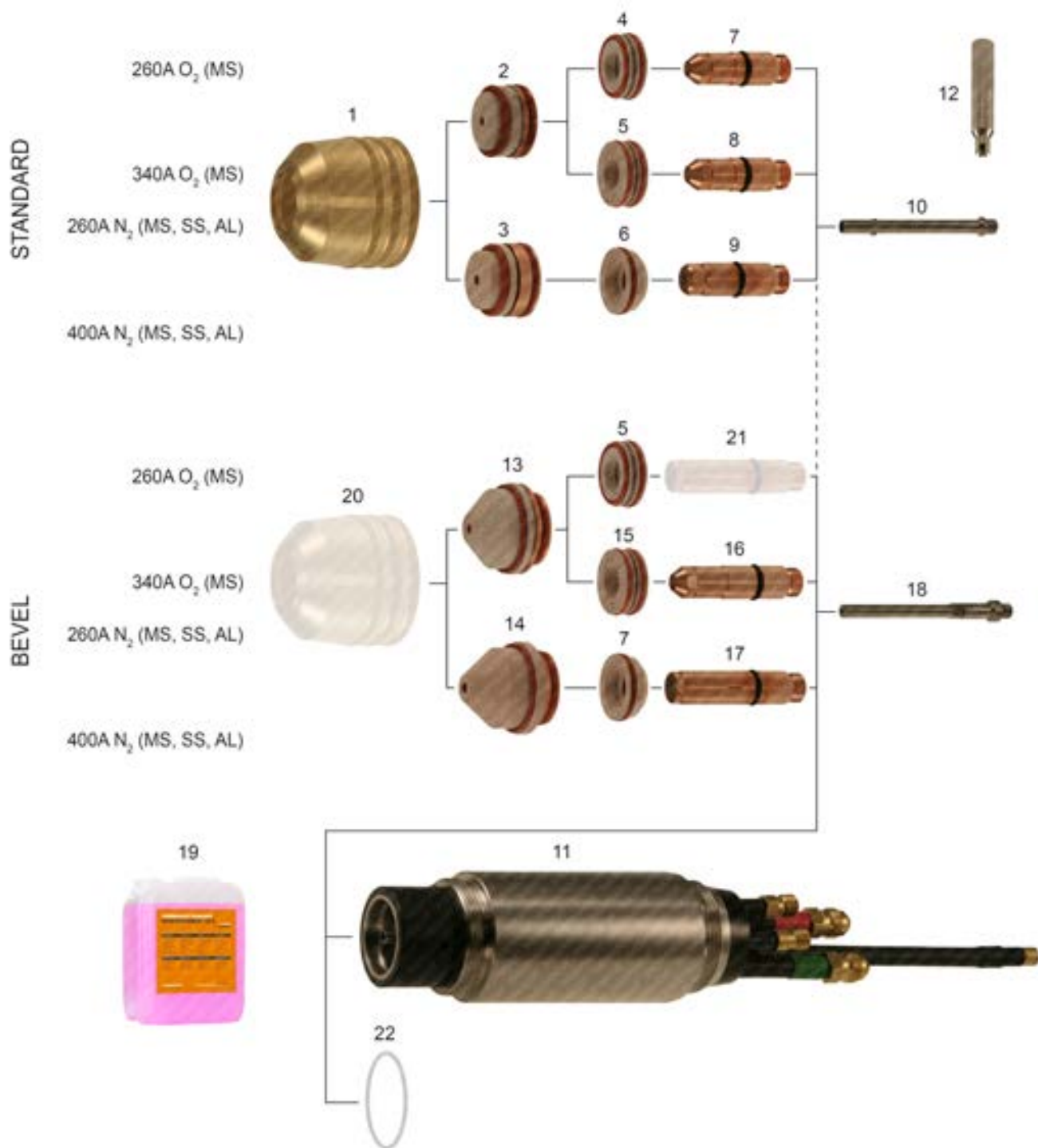
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**HT®4001**  
**PAC®620 WITHOUT SLAVE**



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**Hypertherm®**  
**HT®4001**  
**PAC®620 WITHOUT SLAVE**

| Item   | Part No. | Ref. No.  | Description                               | Std. Pkg. | Item    | Part No.                                                      | Ref. No.  | Description                                    | Std. Pkg. |
|--------|----------|-----------|-------------------------------------------|-----------|---------|---------------------------------------------------------------|-----------|------------------------------------------------|-----------|
| 1.     | T-0088   | 020579    | Retaining Cap 260-400A                    | 1         | 13.     | T-2841                                                        | 120384    | Nozzle 260A, 340A, Bevel, O <sub>2</sub>       | 1         |
| 2.     | T-0078   | 020086    | Nozzle 260A, 340A, O <sub>2</sub>         | 1         |         | T-2928                                                        | 120385    | Nozzle 260A, 340A, Bevel, O <sub>2</sub> , CCW | 1         |
| OD 3.  | T-0080   | 020084    | Nozzle .166, N <sub>2</sub>               | 1         | 14.     | T-1384                                                        | 120387    | Nozzle 400A, Bevel, N <sub>2</sub>             | 1         |
| 4.     | T-1292   | 020623    | Swirl Ring 260A, O <sub>2</sub>           | 1         | 15.     | T-4189                                                        | 120460    | Swirl Ring 340A, O <sub>2</sub>                | 1         |
| 5.     | T-1381   | 120135    | Swirl Ring 340A, O <sub>2</sub>           | 1         |         | T-3539                                                        | 120461    | Swirl Ring 340A, O <sub>2</sub> , CCW          | 1         |
| 6.     | T-0020   | 020039    | Swirl Ring .120/.166/.187, N <sub>2</sub> | 1         | 16.     | T-3842                                                        | 120836    | Electrode 340A, Bevel, O <sub>2</sub>          | 5         |
| 7.     | T-1293   | 020663    | Electrode 260A, O <sub>2</sub>            | 5         | 17.     | T-1387                                                        | 020968    | Electrode, Bevel, N <sub>2</sub>               | 5         |
| OD *8. | T-2846*  | 120630-UR | Electrode 340A, O <sub>2</sub>            | 5         | 18.     | T-9883                                                        | 020991-UR | Water Tube, Bevel, TMT torch                   | 1         |
| 9.     | T-0084   | 020082    | Electrode 260A, 400A, N <sub>2</sub>      | 5         | NS      | KT-1369                                                       | 028516    | PAC®620 Cable Leads 15.2m (50')                | 1         |
| **10.  | T-1388** | 020990-UR | Water Tube, TMT Torch                     | 1         | 19.     | Coolant Liquid. Details on the page 148, section Accessories. |           |                                                |           |
| 11.    | T-1393   | 020328    | Torch Body PAC®170/PAC®600/PAC®620        | 1         | 20.-22. | Not available any more - OEM only.                            |           |                                                |           |
| 12.    | T-1397   | T-1397    | Wrench for TMT Water Tube                 | 1         |         |                                                               |           |                                                |           |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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**\*\*** COMPATIBLE WITH THERMACUT® AND OEM TORCH

**NS** NOT SHOWN IN THE PICTURE

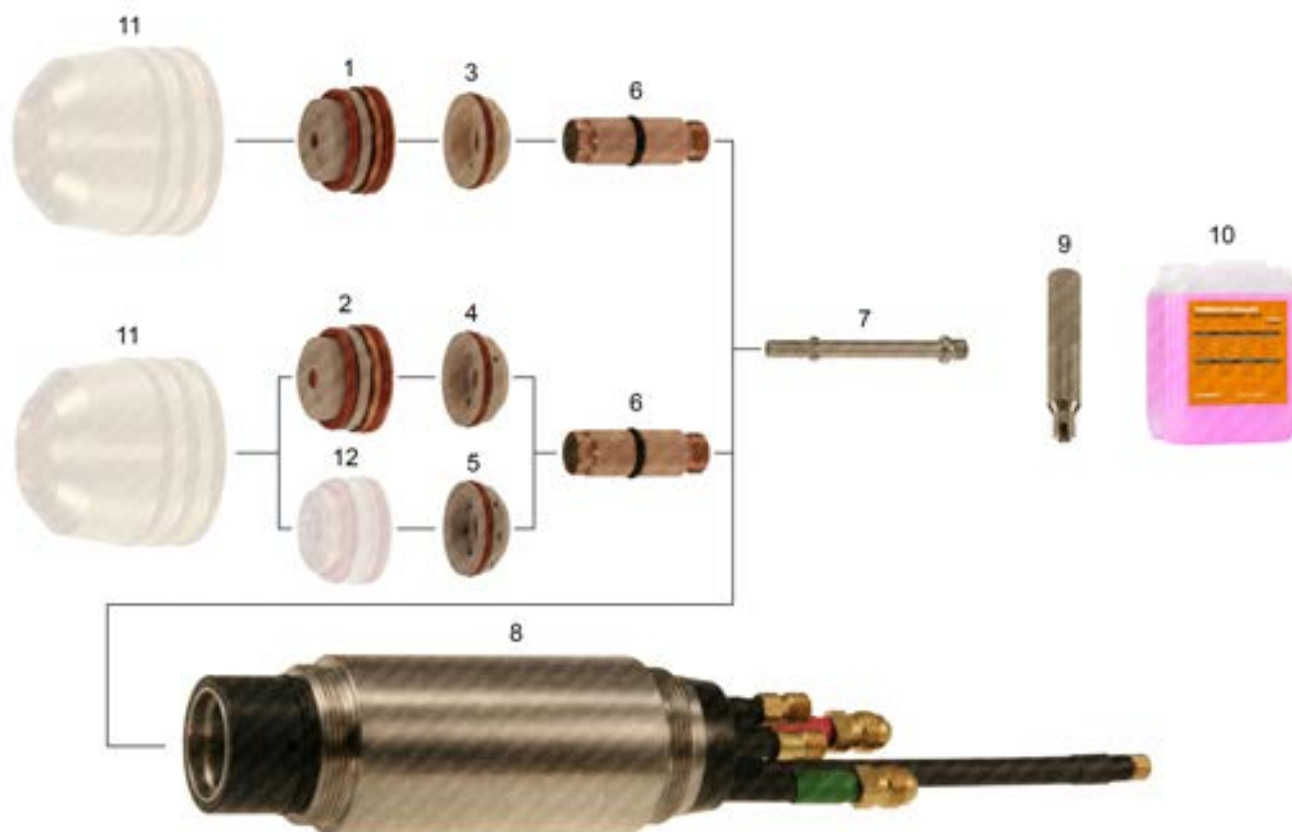
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**PAC®500**  
**MODEL 500®**



| Item | Part No. | Ref. No.  | Description                               | Std. Pkg | Item                                                | Part No.                                                      | Ref. No.        | Description                                | Std. Pkg |
|------|----------|-----------|-------------------------------------------|----------|-----------------------------------------------------|---------------------------------------------------------------|-----------------|--------------------------------------------|----------|
| 1.   | T-0017   | 020036    | Nozzle .187                               | 1        | NS                                                  | KT-1157                                                       | 028141          | HT®400, PAC®500 Cable Leads 9.2m (30')     | 1        |
| 2.   | T-0018   | 020037    | Nozzle .220                               | 1        | NS                                                  | KT-1153                                                       | 028142          | HT®400, PAC®500 Cable Leads 10.7m (35')    | 1        |
| 3.   | T-0020   | 020039    | Swirl Ring .120/.166/.187, N <sub>2</sub> | 1        | NS                                                  | KT-1404                                                       | 028143          | HT®400, PAC®500 Cable Leads 12.2m (40')    | 1        |
| 4.   | T-0021   | 020042    | Swirl Ring .166, .187, CCW                | 1        | NS                                                  | KT-1217                                                       | K.HT400.15,2M.K | HT®400, PAC®500 Cable Leads 15.2m (50')    | 1        |
| 5.   | T-0022   | 020040    | Swirl Ring .220                           | 1        | NS                                                  | KT-1471                                                       | K.PAC500.6,1M   | PAC®500 Mach. Torch with Leads 6.1m (20')  |          |
|      | T-0023   | 020048    | Swirl Ring .250                           | 1        | NS                                                  | KT-1165                                                       | K.PAC500.15,2M  | PAC®500 Mach. Torch with Leads 15.2m (50') | 1        |
| 6.   | T-0024   | 020038    | Electrode                                 | 5        | NS                                                  | KT-1164                                                       | K.PAC500.22,9M  | PAC®500 Mach. Torch with Leads 22.9m (75') | 1        |
| **7. | T-1395** | 120035-UR | Water Tube, TMT Torch                     | 1        | 10.                                                 | Coolant Liquid. Details on the page 148, section Accessories. |                 |                                            |          |
| 8.   | T-0025   | 020030    | Torch Main Body PAC®500                   | 1        | 11.-12.                                             | Not available any more – OEM only.                            |                 |                                            |          |
| 9.   | T-1397   | T-1397    | Wrench for TMT Water Tube                 | 1        | Different types of cable leads available on request |                                                               |                 |                                            |          |
| NS   | KT-1214  | 028139    | HT®400, PAC®500 Cable Leads 6.1m (20')    | 1        |                                                     |                                                               |                 |                                            |          |
| NS   | KT-1154  | 028140    | HT®400, PAC®500 Cable Leads 7.6m (25')    | 1        |                                                     |                                                               |                 |                                            |          |

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

\*\* COMPATIBLE WITH THERMACUT® AND OEM TORCH

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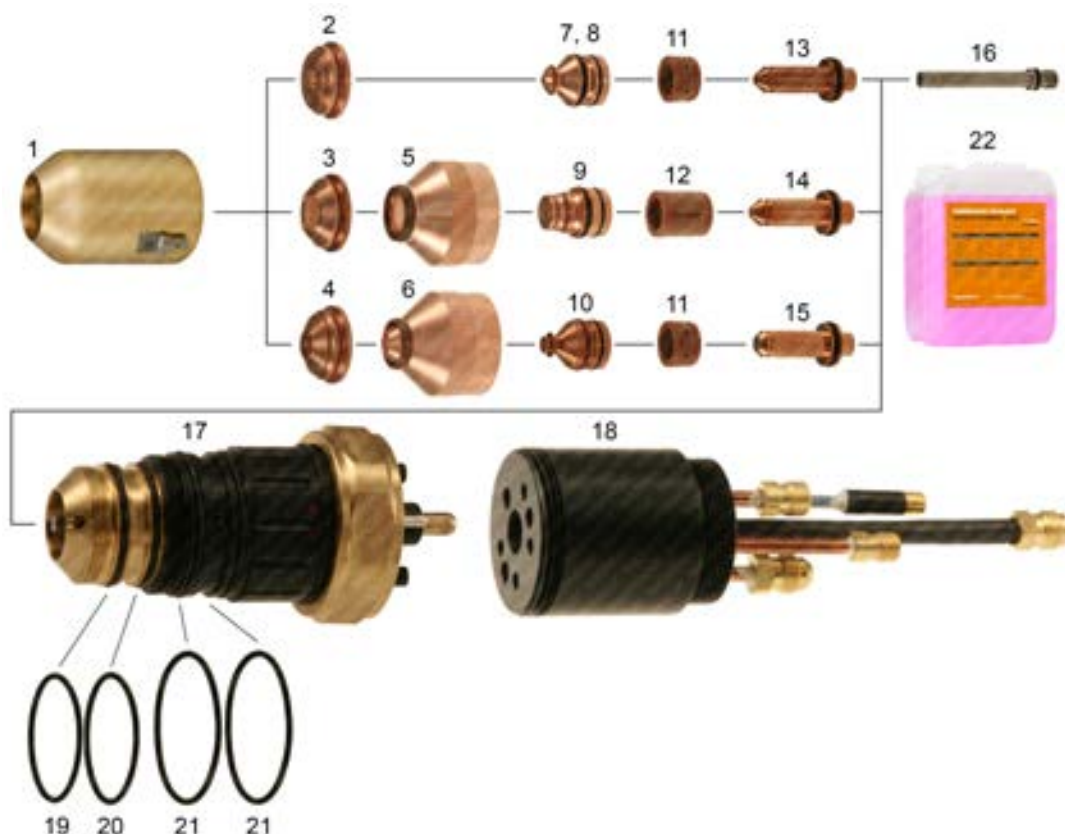
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HD®1070/HD®3070 HyDefinition®**  
**PAC®182/PAC®186/PAC®190**



| Item | Part No. | Ref. No. | Description                       | Std. Pkg. | Item                                                | Part No. | Ref. No. | Description                                                   | Std. Pkg. |
|------|----------|----------|-----------------------------------|-----------|-----------------------------------------------------|----------|----------|---------------------------------------------------------------|-----------|
| 1.   | T-2828   | 020687   | Shield Cap, with IHS Tab          | 1         | 15.                                                 | T-8062   | 120410   | Electrode 100A MS                                             | 5         |
| 2.   | T-8046   | 020671   | Shield 30-50A MS                  | 10        | 16.                                                 | T-8100   | 120377   | Tube, Water Electrode Cooling, PAC®186                        | 1         |
| 3.   | T-8047   | 020796   | Shield 70A MS/SS                  | 10        | 17.                                                 | T-8063   | 120349   | Torch Main Body, PAC®186                                      | 1         |
| 4.   | T-8048   | 120273   | Shield 100A MS                    | 10        | 18.                                                 | T-8094   | 028855   | Assy, PAC®185/PAC®186, Straight Quick Disconnect              | 1         |
| 5.   | T-8050   | 020795   | Inner Retaining Cap 50-70A MS, SS | 1         | OD 19.                                              | T-8095   | 044025   | O-Ring                                                        | 10        |
| 6.   | T-8051   | 120266   | Inner Retaining Cap 100A MS       | 1         | OD 20.                                              | T-4028   | 044026   | O-Ring                                                        | 10        |
| 7.   | T-8053   | 020645   | Nozzle 30A MS                     | 5         | OD 21.                                              | T-4029   | 044507   | O-Ring                                                        | 10        |
| 8.   | T-8054   | 020646   | Nozzle 50A MS                     | 5         | NS                                                  | KT-1073  | 028499   | PAC®186 Cable Leads 6.1m (20')                                | 1         |
| 9.   | T-8055   | 020647   | Nozzle 70A MS, SS                 | 5         | NS                                                  | KT-1329  | 028500   | PAC®186 Cable Leads 7.6m (25')                                | 1         |
| 10.  | T-8056   | 120272   | Nozzle 100A MS                    | 5         | NS                                                  | KT-1252  | 028870   | PAC®186 Cable Leads 12.2m (40')                               | 1         |
| 11.  | T-8057   | 020637   | Swirl Ring 15-100A MS             | 1         | 22.                                                 |          |          | Coolant Liquid. Details on the page 148, section Accessories. |           |
| 12.  | T-8058   | 020789   | Swirl Ring 70A MS/SS              | 2         | Different types of cable leads available on request |          |          |                                                               |           |
| 13.  | T-8060   | 120111   | Electrode 15-30A                  | 5         |                                                     |          |          |                                                               |           |
| 14.  | T-8061   | 120112   | Electrode 70A MS/SS               | 5         |                                                     |          |          |                                                               |           |

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**MS** MILD STEEL

**SS** STAINLESS STEEL

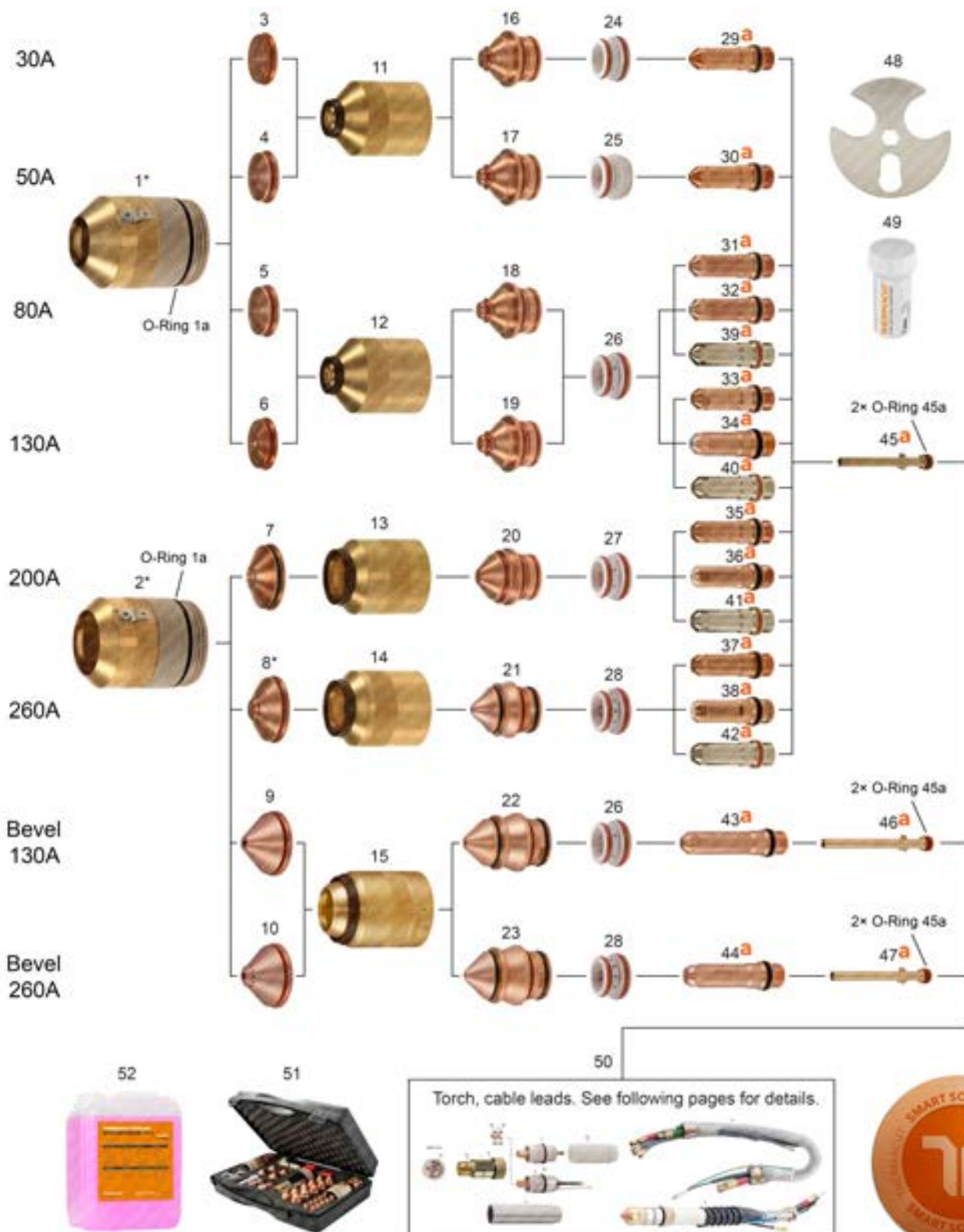
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
**Hypertherm®**  
**HyPerformance® Plasma**  
**HPR®130/HPR®260 MILD STEEL**



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

  
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| Item | Part No. | Ref. No.  | Description                           | Std. Pkg. | Item  | Part No.                                                       | Ref. No.   | Description                              | Std. Pkg. |
|------|----------|-----------|---------------------------------------|-----------|-------|----------------------------------------------------------------|------------|------------------------------------------|-----------|
| *1.  | T-9961*  | 220173-UR | Shield Cap 30-130A                    | 1         |       | T-10939                                                        | 220542     | Nozzle 260A, Bevel                       | 1         |
| 1a.  | N-10099  | 1-031B    | O-Ring                                | 1         | 24.   | T-10297                                                        | 220180     | Swirl Ring 30-60A                        | 1         |
| *2.  | T-9964*  | 220398-UR | Shield Cap 200/260A (130/260A, Bevel) | 1         | 25.   | T-10305                                                        | 220553     | Swirl Ring 50A                           | 1         |
| 3.   | T-10878  | 220194    | Shield 30A                            | 10        | 26.   | T-10295                                                        | 220179     | Swirl Ring 80/130 (130A, Bevel)          | 1         |
| 4.   | T-10882  | 220555    | Shield 50A                            | 10        | 27.   | T-10296                                                        | 220353     | Swirl Ring 200A                          | 1         |
| 5.   | T-9838   | 220189    | Shield 80A                            | 10        | 28.   | T-10271                                                        | 220436     | Swirl Ring 260A (260A, Bevel)            | 1         |
| 6.   | T-9839   | 220183    | Shield 130A                           | 10        | 29.   | T-9894                                                         | 220192-UR  | Electrode 30A                            | 5         |
| 7.   | T-9965   | 220356    | Shield 200A                           | 1         | a 30. | T-10306                                                        | 220552-UR  | Electrode 50A                            | 5         |
| **8. | T-9970** | 220440-UR | Shield 260A                           | 1         | a 31. | T-9895                                                         | 220187-UR  | Electrode 80A                            | 5         |
| 9.   | T-10311  | 220645    | Shield 130A, Bevel                    | 1         | a 32. | T-12064                                                        | 220187-PRO | Electrode 80A (=220566), Silver PRO      | 5         |
| 10.  | T-10881  | 220545    | Shield 260A, Bevel                    | 1         | a 33. | T-9920                                                         | 220181-UR  | Electrode 130A                           | 5         |
| 11.  | T-11146  | 220313    | Inner Retaining Cap 30/50A            | 1         | a 34. | T-11203                                                        | 220181-PRO | Electrode 130A (=220665-PRO), Silver PRO | 5         |
| 12.  | T-11144  | 220176    | Inner Retaining Cap 80/130A           | 1         | a 35. | T-9969                                                         | 220352-UR  | Electrode 200A                           | 5         |
| 13.  | T-11149  | 220355    | Inner Retaining Cap 200A              | 1         | a 36. | T-11200                                                        | 220352-PRO | Electrode 200A (=220666-PRO), Silver PRO | 5         |
| 14.  | T-11150  | 220433    | Inner Retaining Cap 260A              | 1         | a 37. | T-9974                                                         | 220435-UR  | Electrode 260A                           | 5         |
| 15.  | T-11151  | 220603    | Inner Retaining Cap 130A/260A, Bevel  | 1         | a 38. | T-11197                                                        | 220435-PRO | Electrode 260A (=220668-PRO), Silver PRO | 5         |
| 16.  | T-9834   | 220193-UR | Nozzle 30A                            | 1         | a 39. | T-4927                                                         | 220187-AG  | Electrode 80A, SilverEX-®                | 5         |
|      | T-10936  | 220193    | Nozzle 30A                            | 1         | a 40. | T-4917                                                         | 220181-AG  | Electrode 130A, SilverEX-®               | 5         |
| 17.  | T-10313  | 220554-UR | Nozzle 50A                            | 1         | a 41. | T-4925                                                         | 220352-AG  | Electrode 200A, SilverEX-®               | 5         |
|      | T-10940  | 220554    | Nozzle 50A                            | 1         | a 42. | T-4926                                                         | 220435-AG  | Electrode 260A, SilverEX-®               | 5         |
| 18.  | T-9835   | 220188-UR | Nozzle 80A                            | 1         | a 43. | T-10309                                                        | 220649-UR  | Electrode 130A, Bevel                    | 5         |
|      | T-10935  | 220188    | Nozzle 80A                            | 1         | a 44. | T-10307                                                        | 220541-UR  | Electrode 260A, Bevel                    | 5         |
| 19.  | T-9836   | 220182-UR | Nozzle 130A                           | 1         | a 45. | T-9882                                                         | 220340-UR  | Cooling Tube 30-260A                     | 1         |
|      | T-10934  | 220182    | Nozzle 130A                           | 1         | 45a.  | T-13016                                                        | 026009     | O-Ring                                   | 1         |
| NS   | T-10248  | 220510-UR | Nozzle 100A, HD®3070 upgrade          | 1         | a 46. | T-10472                                                        | 220700-UR  | Cooling Tube 80-200A, Bevel              | 1         |
| NS   | T-11265  | 220510    | Nozzle 100A, HD®3070 upgrade          | 1         | a 47. | T-10323                                                        | 220571-UR  | Cooling Tube 400A (260-400A, Bevel)      | 1         |
| 20.  | T-9967   | 220354-UR | Nozzle 200A                           | 1         | *48.  | TN-0069*                                                       | 104119-UR  | Consumables Removal Tool                 | 1         |
|      | T-10937  | 220354    | Nozzle 200A                           | 1         | 49.   | T-0994                                                         | 027055     | Silicone Lubricant 25ml                  | 1         |
| 21.  | T-9972   | 220439-UR | Nozzle 260A                           | 1         | 50.   | Torch, cable leads. See following pages for details.           |            |                                          |           |
|      | T-10938  | 220439    | Nozzle 260A                           | 1         | 51.   | Consumable Case. Details on the page 153, section Accessories. |            |                                          |           |
| 22.  | T-10941  | 220646    | Nozzle 130A, Bevel                    | 1         | 52.   | Coolant Liquid. Details on the page 148, section Accessories.  |            |                                          |           |
| 23.  | T-10308  | 220542-UR | Nozzle 260A, Bevel                    | 1         |       |                                                                |            |                                          |           |

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

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

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

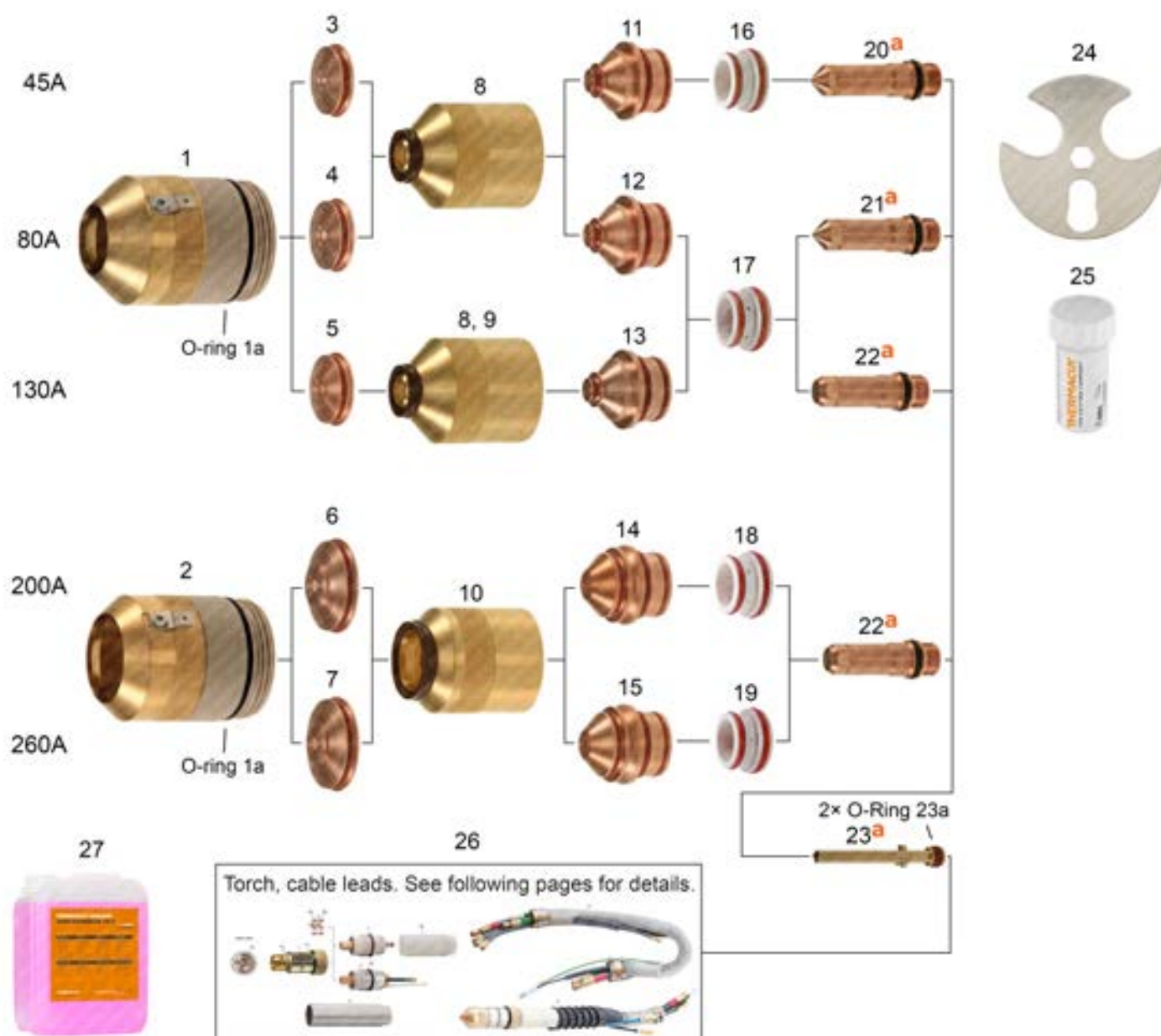
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**HyPerformance® Plasma**  
**HPR®130/HPR®260 STAINLESS STEEL**



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**HPR®130/HPR®260 STAINLESS STEEL**

  
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|------|----------|-----------|--------------------------------------------|-----------|-------|---------------------------------------------------------------|-----------|-----------------------------------|-----------|
| *1.  | T-9961*  | 220173-UR | Shield Cap 45-130A                         | 1         | 17.   | T-10295                                                       | 220179    | Swirl Ring 80A/130A (130A, Bevel) | 1         |
| *2.  | T-9964*  | 220398-UR | Shield Cap 200/260A (130/260A, Bevel)      | 1         | 18.   | T-10579                                                       | 220342    | Swirl Ring 200A                   | 1         |
| 3.   | T-9975   | 220202    | Shield 45A                                 | 10        | 19.   | T-10596                                                       | 220405    | Swirl Ring 260A (260A, Bevel)     | 1         |
| 4.   | T-9979   | 220338    | Shield 80A                                 | 10        | a 20. | T-9978                                                        | 220308-UR | Electrode 45A                     | 5         |
| 5.   | T-9982   | 220198    | Shield 130A                                | 10        | a 21. | T-9981                                                        | 220339-UR | Electrode 80A                     | 5         |
| 6.   | T-10879  | 220345    | Shield 200A                                | 1         | a 22. | T-9984                                                        | 220307-UR | Electrode 130A/200A/260A          | 5         |
| 7.   | T-10880  | 220407    | Shield 260A                                | 10        | a 23. | T-9882                                                        | 220340-UR | Cooling Tube 30-260A              | 1         |
| 8.   | T-11145  | 220304    | Inner Retaining Cap 45A/80A/130A           | 1         | 23a.  | N-10055                                                       | 1-009S    | O-Ring                            | 1         |
| 9.   | T-11144  | 220176    | Inner Retaining Cap 130A (N <sub>2</sub> ) | 1         | *24.  | TN-0069*                                                      | 104119-UR | Consumables Removal Tool          | 1         |
| 10.  | T-11147  | 220344    | Inner Retaining Cap 200A/260A              | 1         | 1a.   | N-10099                                                       | 1-031B    | O-Ring                            | 1         |
| 11.  | T-9977   | 220201    | Nozzle 45A                                 | 1         | 25.   | T-0994                                                        | 027055    | Silicone Lubricant 25ml           | 1         |
| 12.  | T-9980   | 220337    | Nozzle 80A                                 | 5         | 26.   | Torch, cable leads. See following pages for details.          |           |                                   |           |
| 13.  | T-9983   | 220197    | Nozzle 130A                                | 5         | 27.   | Coolant Liquid. Details on the page 148, section Accessories. |           |                                   |           |
| 14.  | T-9987   | 220343    | Nozzle 200A                                | 1         |       |                                                               |           |                                   |           |
| 15.  | T-9990   | 220406    | Nozzle 260A                                | 1         |       |                                                               |           |                                   |           |
| 16.  | T-10297  | 220180    | Swirl Ring 30-60A                          | 1         |       |                                                               |           |                                   |           |

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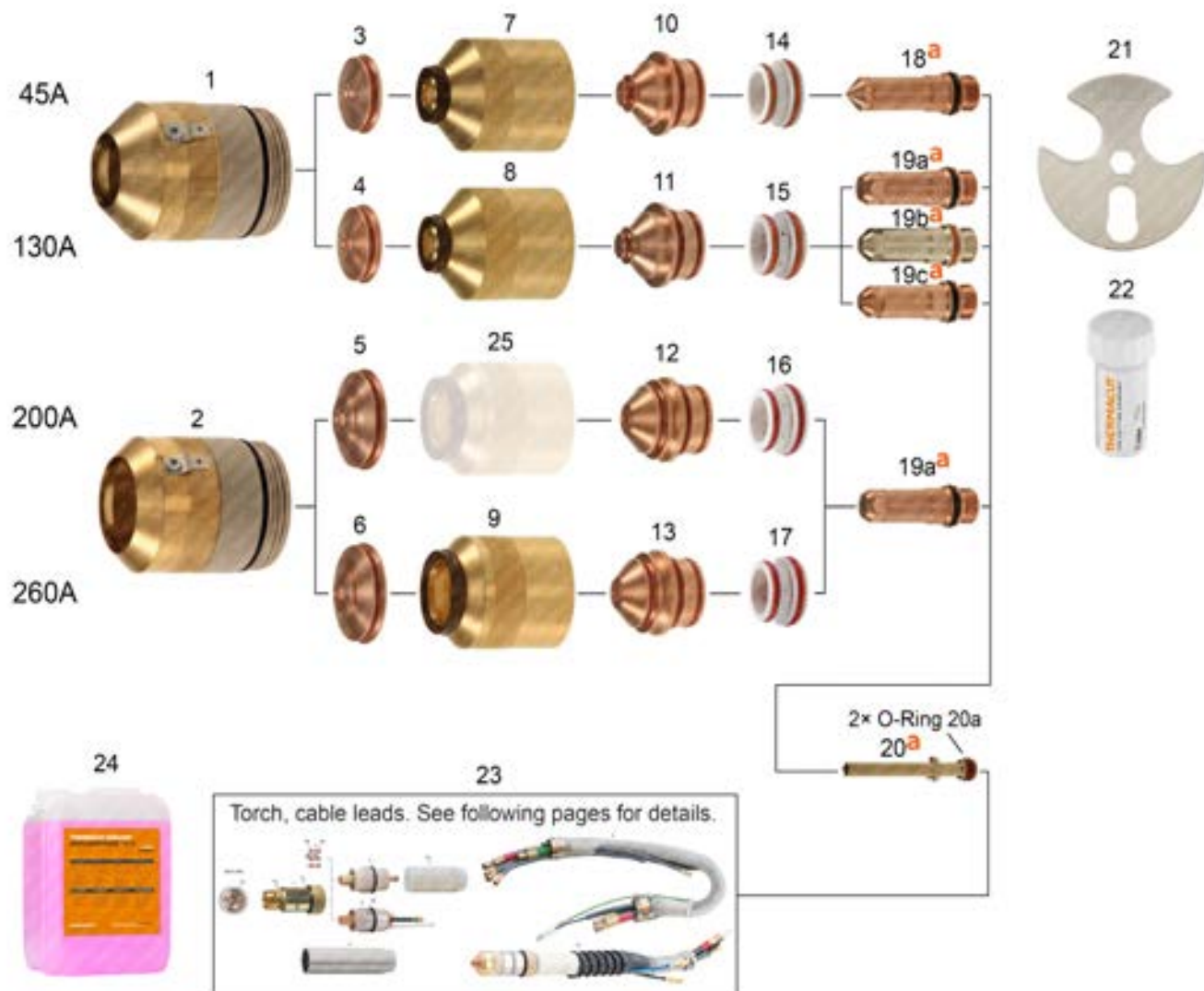
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**HPR®130/HPR®260 ALUMINIUM**



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

  
**PRODUCT BROCHURE WITH DETAILS AT**  
**WWW.THERMACUT.COM**

| 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-10295                                                       | 220179    | Swirl Ring 130A            | 1         |
| *2.   | T-9964*  | 220398-UR | Shield Cap 200/260A          | 1         | 16.   | T-10579                                                       | 220342    | Swirl Ring 200A            | 1         |
| 3.    | T-9975   | 220202    | Shield 45A                   | 10        | 17.   | T-10596                                                       | 220405    | Swirl Ring 260A            | 1         |
| 4.    | T-9982   | 220198    | Shield 130A                  | 10        | a 18. | T-9978                                                        | 220308-UR | Electrode 45A              | 5         |
| 5.    | T-10879  | 220345    | Shield 200A                  | 1         | a 19c | T-9920                                                        | 220181-UR | Electrode 130A             | 5         |
| 6.    | T-10880  | 220407    | Shield 260A                  | 10        | a 19b | T-4917                                                        | 220181-AG | Electrode 130A, SilverEX-® | 5         |
| 7.,8. | T-11144  | 220176    | Inner Retaining Cap 45A/130A | 1         | a 19a | T-9984                                                        | 220307-UR | Electrode 130A/200A/260A   | 5         |
| 8.    | T-11145  | 220304    | Inner Retaining Cap 130A     | 1         | a 20. | T-9882                                                        | 220340-UR | Cooling Tube 30-260A       | 1         |
| 9.    | T-11147  | 220344    | Inner Retaining Cap 260A     | 1         | 20a.  | N-10055                                                       | 1-009S    | O-Ring                     | 1         |
| 10.   | T-9977   | 220201    | Nozzle 45A                   | 1         | *21.  | TN-0069*                                                      | 104119-UR | Consumables Removal Tool   | 1         |
| 11.   | T-9983   | 220197    | Nozzle 130A                  | 5         | 22.   | T-0994                                                        | 027055    | Silicone Lubricant 25ml    | 1         |
| 12.   | T-9993   | 220346    | Nozzle 200A                  | 1         | 23.   | Torch, cable leads. See following pages for details.          |           |                            |           |
| 13.   | T-9990   | 220406    | Nozzle 260A                  | 1         | 24.   | Coolant Liquid. Details on the page 148, section Accessories. |           |                            |           |
| 14.   | T-10297  | 220180    | Swirl Ring 45A               | 1         | 25.   | Not available any more - OEM only.                            |           |                            |           |

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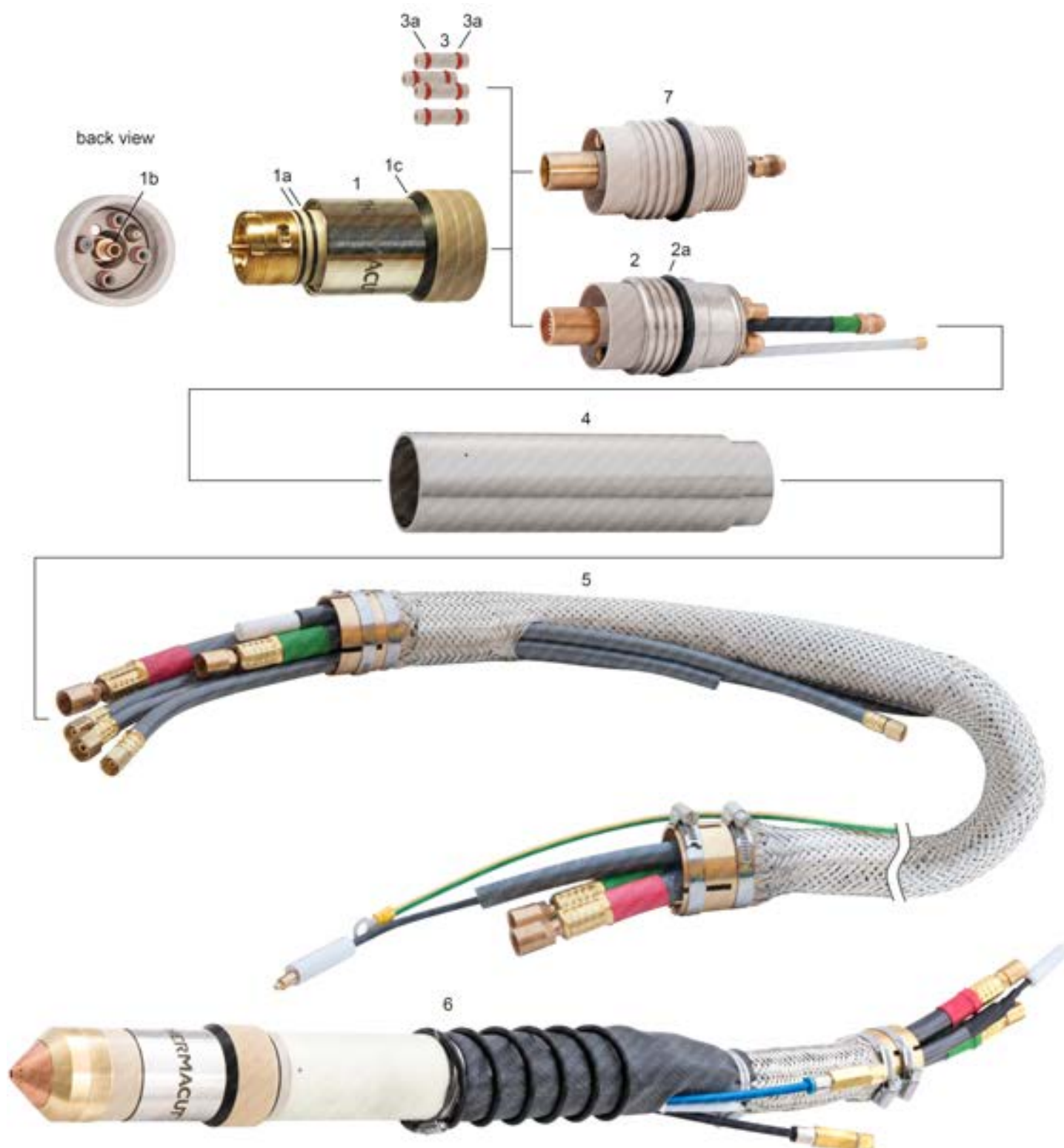
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**HPR®130/HPR®260**  
**TORCHES AND CABLE LEADS**



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

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

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

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

Q. D. QUICK DISCONNECT

NS NOT SHOWN IN THE PICTURE

ALL PARTS ARE WITH O-RINGS

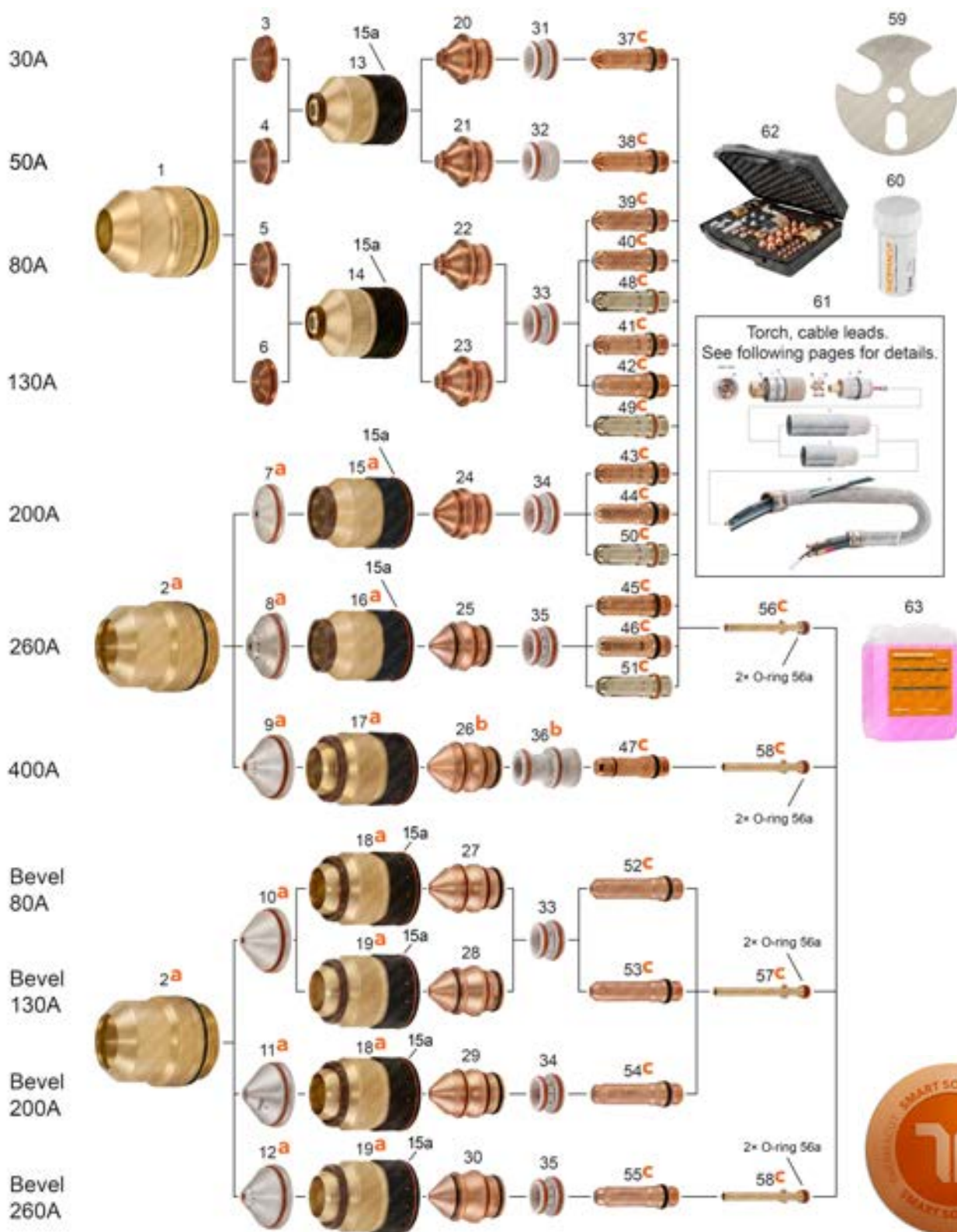
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**HyPerformance® Plasma**  
**HPR®130XD/HPR®260XD/HPR®400XD MILD STEEL**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Hypertherm®

### HyPerformance® Plasma

#### HPR®130XD/HPR®260XD/HPR®400XD MILD STEEL

PRODUCT BROCHURE WITH DETAILS AT  
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VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



| 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         | 30.                     | T-10308                                                        | 220542-UR  | Nozzle 260A, Bevel                                    | 1         |
| <b>a</b> 2.             | T-11270  | 220637-UR | Shield Cap 200-400A                 | 1         |                         | T-10939                                                        | 220542     | Nozzle 260A, Bevel                                    | 1         |
| 3.                      | T-10878  | 220194    | Shield 30A                          | 10        | 31.                     | T-10297                                                        | 220180     | Swirl Ring 30-60A                                     | 1         |
| 4.                      | T-10882  | 220555    | Shield 50A                          | 10        | 32.                     | T-10305                                                        | 220553     | Swirl Ring 50A                                        | 1         |
| 5.                      | T-9838   | 220189    | Shield 80A                          | 10        | 33.                     | T-10295                                                        | 220179     | Swirl Ring 80/130A (80/130A, Bevel)                   | 1         |
| 6.                      | T-9839   | 220183    | Shield 130A                         | 10        | 34.                     | T-10296                                                        | 220353     | Swirl Ring 200A                                       | 1         |
| <b>a</b> 7.             | T-11276  | 220761-UR | Shield 200A                         | 1         | 35.                     | T-10271                                                        | 220436     | Swirl Ring 260A (260A, Bevel)                         | 1         |
| <b>a</b> 8.             | T-11277  | 220764-UR | Shield 260A                         | 1         | <b>b</b> 36.            | T-12267                                                        | 220631-UR  | Swirl Ring 400A (400A, Bevel)                         | 5         |
| <b>NEW</b> <b>a</b> 9.  | T-12272  | 220636-UR | Shield 400A                         | 1         | <b>c</b> 37.            | T-9894                                                         | 220192-UR  | Electrode 30A                                         | 5         |
| <b>a</b> 10.            | T-11403  | 220742-UR | Shield 80/130A, Bevel               | 1         | <b>c</b> 38.            | T-10306                                                        | 220552-UR  | Electrode 50A                                         | 5         |
| <b>a</b> 11.            | T-11424  | 220658-UR | Shield 200A, Bevel                  | 1         | <b>c</b> 39.            | T-9895                                                         | 220187-UR  | Electrode 80A                                         | 5         |
| <b>a</b> 12.            | T-11402  | 220741-UR | Shield 260A, Bevel                  | 1         | <b>c</b> 40.            | T-12064                                                        | 220187-PRO | Electrode 80A (=420566), Silver PRO                   | 5         |
| 13.                     | T-11272  | 220754    | Inner Retaining Cap 30/50A          | 1         | <b>c</b> 41.            | T-9920                                                         | 220181-UR  | Electrode 130A                                        | 5         |
| 14.                     | T-11273  | 220756    | Inner Retaining Cap 80/130A         | 1         | <b>c</b> 42.            | T-11203                                                        | 220181-PRO | Electrode 130A (=220665-PRO), Silver PRO              | 5         |
| <b>a</b> 15.            | T-11274  | 220757-UR | Inner Retaining Cap 200A            | 1         | <b>c</b> 43.            | T-9969                                                         | 220352-UR  | Electrode 200A                                        | 5         |
| 15a.                    | N-20194  |           | O-Ring                              | 1         | <b>c</b> 44.            | T-11200                                                        | 220352-PRO | Electrode 200A (=220666-PRO), Silver PRO              | 5         |
| <b>a</b> 16.            | T-11275  | 220760-UR | Inner Retaining Cap 260A            | 1         | <b>c</b> 45.            | T-9974                                                         | 220435-UR  | Electrode 260A                                        | 5         |
| <b>NEW</b> <b>a</b> 17. | T-12271  | 220635-UR | Inner Retaining Cap 400A            | 1         | <b>c</b> 46.            | T-11197                                                        | 220435-PRO | Electrode 260A (=220668-PRO), Silver PRO              | 5         |
| <b>a</b> 18.            | T-11833  | 220845-UR | Inner Retaining Cap 80/200A, Bevel  | 1         | <b>NEW</b> <b>c</b> 47. | T-12269                                                        | 220629-UR  | Electrode 400A (400A, Bevel)                          | 10        |
| <b>a</b> 19.            | T-11401  | 220740-UR | Inner Retaining Cap 130/260A, Bevel | 1         | <b>c</b> 48.            | T-4927                                                         | 220187-AG  | Electrode 80A, SilverEX-®                             | 5         |
| 20.                     | T-9834   | 220193-UR | Nozzle 30A                          | 1         | <b>c</b> 49.            | T-4917                                                         | 220181-AG  | Electrode 130A, SilverEX-®                            | 5         |
|                         | T-10936  | 220193    | Nozzle 30A                          | 1         | <b>c</b> 50.            | T-4925                                                         | 220352-AG  | Electrode 200A, SilverEX-®                            | 5         |
| 21.                     | T-10313  | 220554-UR | Nozzle 50A                          | 1         | <b>c</b> 51.            | T-4926                                                         | 220435-AG  | Electrode 260A, SilverEX-®                            | 5         |
|                         | T-10940  | 220554    | Nozzle 50A                          | 1         | <b>c</b> 52.            | T-11831                                                        | 220802-UR  | Electrode 80A, Bevel                                  | 5         |
| 22.                     | T-9835   | 220188-UR | Nozzle 80A                          | 1         | <b>c</b> 53.            | T-10309                                                        | 220649-UR  | Electrode 130A, Bevel                                 | 5         |
|                         | T-10935  | 220188    | Nozzle 80A                          | 1         | <b>c</b> 54.            | T-11426                                                        | 220662-UR  | Electrode 200A, Bevel                                 | 5         |
| 23.                     | T-9836   | 220182-UR | Nozzle 130A                         | 1         | <b>c</b> 55.            | T-10307                                                        | 220541-UR  | Electrode 260A, Bevel                                 | 5         |
|                         | T-10934  | 220182    | Nozzle 130A                         | 1         | <b>c</b> 56.            | T-9882                                                         | 220340-UR  | Cooling Tube 30-260A                                  | 1         |
| 24.                     | T-9967   | 220354-UR | Nozzle 200A                         | 1         | 56a.                    | T-13016                                                        | 026009     | O-Ring                                                | 1         |
|                         | T-10937  | 220354    | Nozzle 200A                         | 1         | <b>c</b> 57.            | T-10472                                                        | 220700-UR  | Cooling Tube 80-200A, Bevel                           | 1         |
| 25.                     | T-9972   | 220439-UR | Nozzle 260A                         | 1         | <b>c</b> 58.            | T-10323                                                        | 220571-UR  | Cooling Tube 400A (260-400A, Bevel)(400-600A, SS, AL) | 1         |
|                         | T-10938  | 220439    | Nozzle 260A                         | 1         | *59.                    | TN-0069*                                                       | 104119-UR  | Consumables Removal Tool                              | 1         |
| <b>NEW</b> <b>b</b> 26. | T-12270  | 220632-UR | Nozzle 400A (400A, Bevel)           | 1         | 60.                     | T-0994                                                         | 027055     | Silicone Lubricant 25ml                               | 1         |
| 27.                     | T-11832  | 220806    | Nozzle 80A, Bevel                   | 1         | 61.                     | Torch, Cable Leads. See following pages for details.           |            |                                                       |           |
| 28.                     | T-10941  | 220646    | Nozzle 130A, Bevel                  | 1         | 62.                     | Consumable Case. Details on the page 154, section Accessories. |            |                                                       |           |
| 29.                     | T-11425  | 220659    | Nozzle 200A, Bevel                  | 1         | 63.                     | Coolant Liquid. Details on the page 148, section Accessories.  |            |                                                       |           |

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**b** MUST BE USED ONLY AS A SET OF NOZZLE AND SWIRL RING, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS

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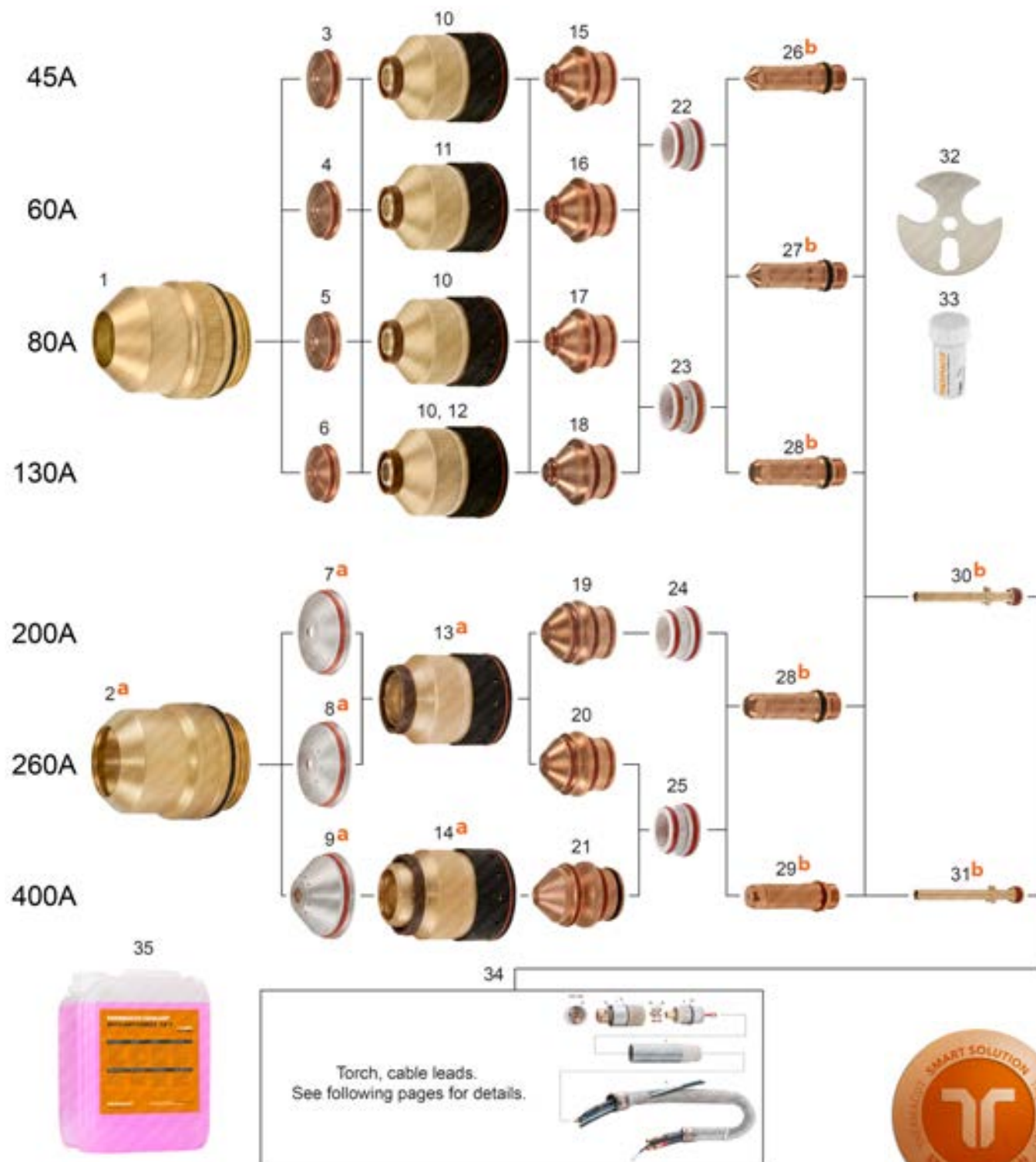
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| Item         | Part No. | Ref. No.  | Description                                | Std. Pkg. | Item         | Part No.                                                      | Ref. No.  | Description                           | Std. Pkg. |
|--------------|----------|-----------|--------------------------------------------|-----------|--------------|---------------------------------------------------------------|-----------|---------------------------------------|-----------|
| 1.           | T-11271  | 220747    | Shield Cap 45-130A                         | 1         | 19.          | T-9987                                                        | 220343    | Nozzle 200A                           | 1         |
| <b>a</b> 2.  | T-11270  | 220637-UR | Shield Cap 200-400A                        | 1         | 20.          | T-9990                                                        | 220406    | Nozzle 260A                           | 1         |
| 3.           | T-9975   | 220202    | Shield 45A                                 | 10        | 21.          | T-11960                                                       | 220708    | Nozzle 400A (400A, Bevel)             | 1         |
| 4.           | T-11954  | 220815    | Shield 60A                                 | 10        | 22.          | T-10297                                                       | 220180    | Swirl Ring 30-60A                     | 1         |
| 5.           | T-9979   | 220338    | Shield 80A                                 | 10        | 23.          | T-10295                                                       | 220179    | Swirl Ring 80/130A (130A, Bevel)      | 1         |
| 6.           | T-9982   | 220198    | Shield 130A                                | 10        | 24.          | T-10579                                                       | 220342    | Swirl Ring 200A                       | 1         |
| <b>a</b> 7.  | T-11956  | 220762-UR | Shield 200A                                | 1         | 25.          | T-10596                                                       | 220405    | Swirl Ring 260/400A (260/400A, Bevel) | 1         |
| <b>a</b> 8.  | T-11957  | 220763-UR | Shield 260A                                | 1         | <b>b</b> 26. | T-9978                                                        | 220308-UR | Electrode 45A                         | 5         |
| <b>a</b> 9.  | T-11958  | 220707-UR | Shield 400A (400A, Bevel)                  | 1         | <b>b</b> 27. | T-9981                                                        | 220339-UR | Electrode 60/80A                      | 5         |
| 10.          | T-11953  | 220755    | Inner Retaining Cap 45/80/130A             | 1         | <b>b</b> 28. | T-9984                                                        | 220307-UR | Electrode 130/200/260A                | 5         |
| 11.          | T-11951  | 220814    | Inner Retaining Cap 60A                    | 1         | <b>b</b> 29. | T-11950                                                       | 220709-UR | Electrode 400-600A (Bevel)            | 5         |
| 12.          | T-11273  | 220756    | Inner Retaining Cap 130A (N <sub>2</sub> ) | 1         | <b>b</b> 30. | T-9882                                                        | 220340-UR | Cooling Tube 30-260A                  | 1         |
| <b>a</b> 13. | T-11955  | 220758-UR | Inner Retaining Cap 200/260A               | 1         | <b>b</b> 31. | T-10323                                                       | 220571-UR | Cooling Tube 400A (260-400A, Bevel)   | 1         |
| <b>a</b> 14. | T-11959  | 220712-UR | Inner Retaining Cap 400A (400A, Bevel)     | 1         | 32.          | TN-0069*                                                      | 104119-UR | Consumables Removal Tool              | 1         |
| 15.          | T-9977   | 220201    | Nozzle 45A                                 | 1         | 33.          | T-0994                                                        | 027055    | Silicone Lubricant 25ml               | 1         |
| 16.          | T-11952  | 220847    | Nozzle 60A                                 | 1         | 34.          | Torch, Cable Leads. See following pages for details.          |           |                                       |           |
| 17.          | T-9980   | 220337    | Nozzle 80A                                 | 5         | 35.          | Coolant Liquid. Details on the page 148, section Accessories. |           |                                       |           |
| 18.          | T-9983   | 220197    | Nozzle 130A                                | 5         |              |                                                               |           |                                       |           |

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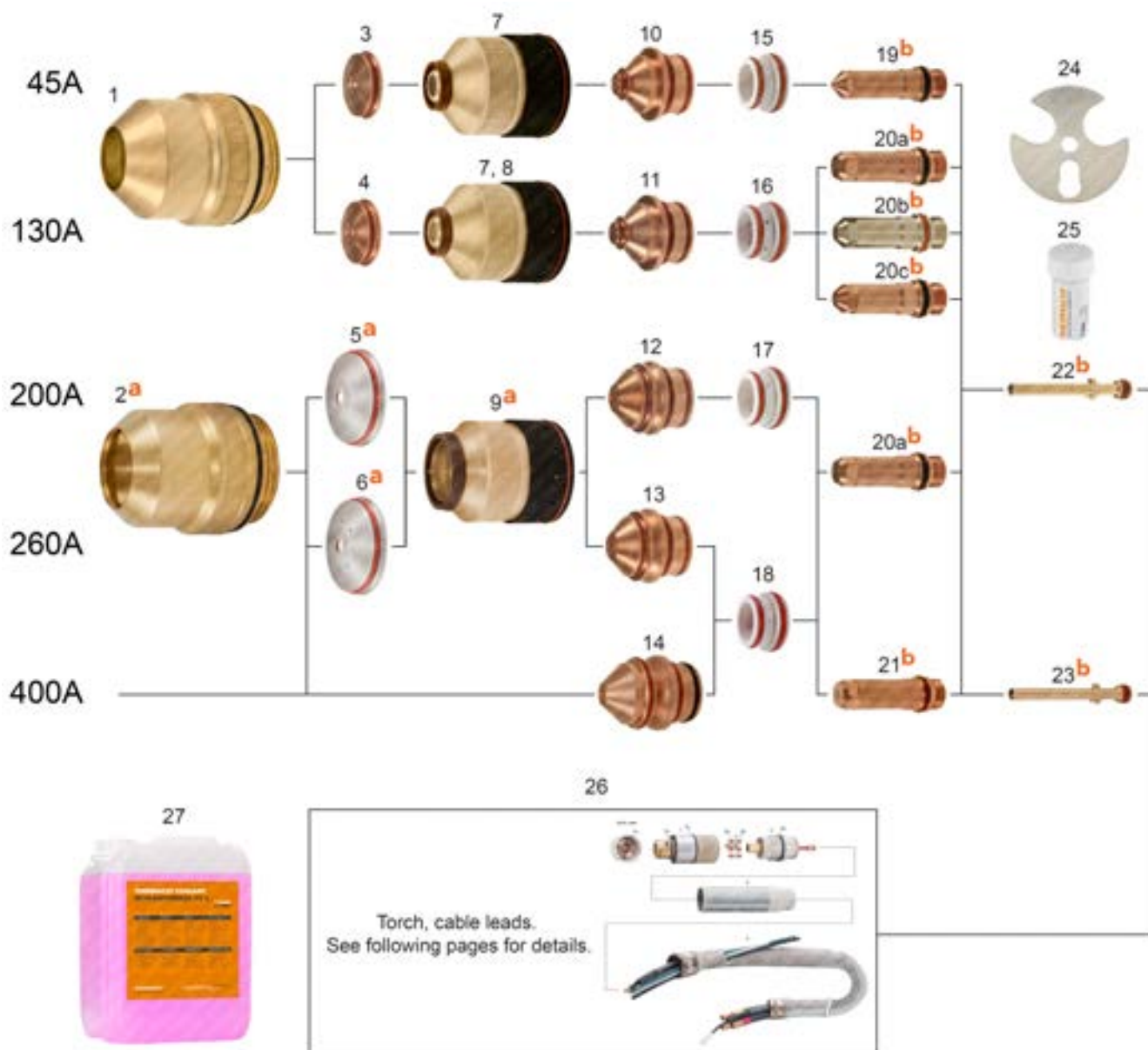
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| Item        | Part No. | Ref. No.  | Description                  | Std. Pkg. | Item          | Part No.                                                      | Ref. No.  | Description                         | Std. Pkg. |
|-------------|----------|-----------|------------------------------|-----------|---------------|---------------------------------------------------------------|-----------|-------------------------------------|-----------|
| 1.          | T-11271  | 220747    | Shield Cap 45-130A           | 1         | 17.           | T-10579                                                       | 220342    | Swirl Ring 200A                     | 1         |
| <b>a</b> 2. | T-11270  | 220637-UR | Shield Cap 200-400A          | 1         | 18.           | T-10596                                                       | 220405    | Swirl Ring 260/400A                 | 1         |
| 3.          | T-9975   | 220202    | Shield 45A                   | 10        | <b>b</b> 19.  | T-9978                                                        | 220308-UR | Electrode 45A                       | 5         |
| 4.          | T-9982   | 220198    | Shield 130A                  | 10        | <b>b</b> 20.c | T-9920                                                        | 220181-UR | Electrode 130A, Air                 | 5         |
| <b>a</b> 5. | T-11956  | 220762-UR | Shield 200A                  | 1         | <b>b</b> 20.b | T-4917                                                        | 220181-AG | Electrode 130A, Air, SilverEX-®     | 5         |
| <b>a</b> 6. | T-11957  | 220763-UR | Shield 260A                  | 1         | <b>b</b> 20.a | T-9984                                                        | 220307-UR | Electrode 130/200/260A              | 5         |
| 7.          | T-11273  | 220756    | Inner Retaining Cap 45/130A  | 1         | <b>b</b> 21.  | T-11950                                                       | 220709-UR | Electrode 400-600A (Bevel)          | 5         |
| 8.          | T-11953  | 220755    | Inner Retaining Cap 45/130A  | 1         | <b>b</b> 22.  | T-9882                                                        | 220340-UR | Cooling Tube 30-260A                | 1         |
| <b>a</b> 9. | T-11955  | 220758-UR | Inner Retaining Cap 200/260A | 1         | <b>b</b> 23.  | T-10323                                                       | 220571-UR | Cooling Tube 400A (260-400A, Bevel) | 1         |
| 10.         | T-9977   | 220201    | Nozzle 45A                   | 1         | *24.          | TN-0069*                                                      | 104119-UR | Consumables Removal Tool            | 1         |
| 11.         | T-9983   | 220197    | Nozzle 130A                  | 5         | 25.           | T-0994                                                        | 027055    | Silicone Lubricant 25ml             | 1         |
| 12.         | T-9987   | 220343    | Nozzle 200A                  | 1         | 26.           | Torch, Cable Leads. See following pages for details.          |           |                                     |           |
| 13.         | T-9990   | 220406    | Nozzle 260A                  | 1         | 27.           | Coolant Liquid. Details on the page 148, section Accessories. |           |                                     |           |
| 14.         | T-11960  | 220708    | Nozzle 400A (Bevel)          | 1         |               |                                                               |           |                                     |           |
| 15.         | T-10297  | 220180    | Swirl Ring 30-60A            | 1         |               |                                                               |           |                                     |           |
| 16.         | T-10295  | 220179    | Swirl Ring 130A              | 1         |               |                                                               |           |                                     |           |

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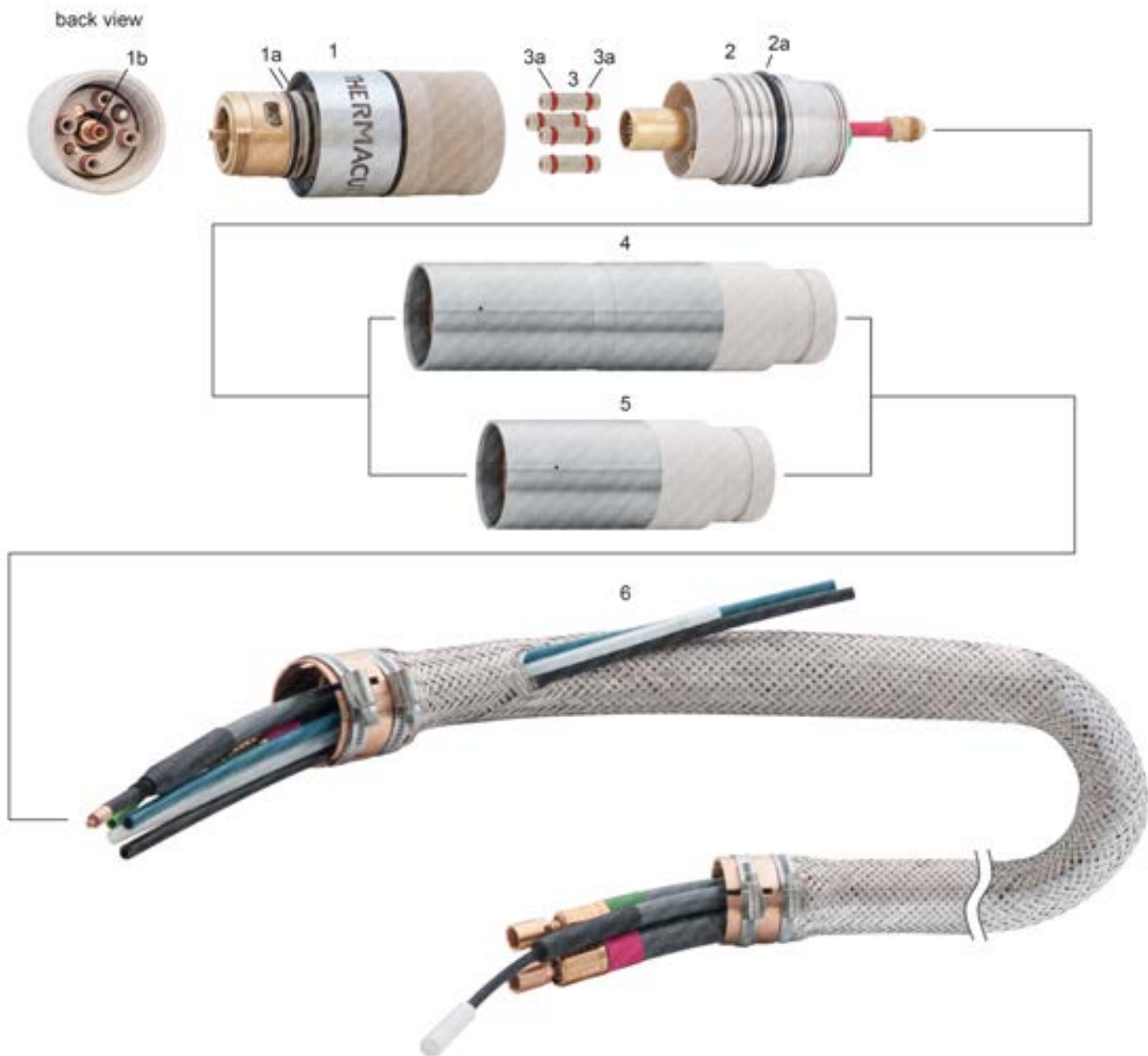
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR**  
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**TORCHES AND CABLE LEADS**



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

| Item  | Part No. | Ref. No.     | Description                                                              | Std. Pkg. | Item                                               | Part No. | Ref. No.          | Description                                                                                                                                                                           | Std. Pkg. |
|-------|----------|--------------|--------------------------------------------------------------------------|-----------|----------------------------------------------------|----------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1.    | T-11834  | 220706       | Torch Q. D. (included items 1a, 1b and 2 pcs. of Cooling Tube 220340-UR) | 1         | NS                                                 | T-13116  | 228516            | Robo Leads 2m (6ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                            | 1         |
| 1a.   | N-10096  | 1-028B       | O-Ring                                                                   | 1         | NS                                                 | T-13115  | 228515            | Robo Leads 2.5m (8ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                          | 1         |
| 1b.   | N-10054  | 1-008S       | O-Ring                                                                   | 1         | NS                                                 | T-13117  | 228517            | Robo Leads 2.5m (8ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                          | 1         |
| 2.    | T-11844  | 220705       | Receptacle Q. D.                                                         | 1         | NS                                                 | T-13100  | 228475            | Robo Leads 3m (10ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                           | 1         |
| 2a.   | N-18108  | O-KR-45x3,5B | O-Ring                                                                   | 1         | NS                                                 | T-13107  | 228482            | Robo Leads 3m (10ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                           | 1         |
| 3.    | T-11769  | T-11769      | Connector Tube HPR with O-Rings                                          | 1         | NS                                                 | T-13101  | 228476            | Robo Leads 3.5m (12ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                         | 1         |
| 3a.   | N-10055  | 1-009S       | O-Ring                                                                   | 1         | NS                                                 | T-13108  | 228483            | Robo Leads 3.5m (12ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                         | 1         |
| 4.    | T-11854  | 220789       | Mounting Sleeve XD                                                       | 1         | NS                                                 | T-13102  | 228477            | Robo Leads 4.5m (15ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                         | 1         |
| 5.    | T-12226  | 220788       | Mounting Sleeve XD, Short                                                | 1         | NS                                                 | T-13109  | 228484            | Robo Leads 4.5m (15ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                         | 1         |
| ! 6.  | KT-1423  | 228291       | Cable Leads 2m(6ft) w/ Gas Hose 1.8m(6ft)                                | 1         | NS                                                 | T-13103  | 228478            | Robo Leads 6m (20ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                           | 1         |
| ! 7.  | KT-1440  | 228410       | Cable Leads 2m(6ft) w/ Gas Hose 2.4m(8ft)                                | 1         | NS                                                 | T-13110  | 228485            | Robo Leads 6m (20ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                           | 1         |
| ! 8.  | KT-1424  | 228292       | Cable Leads 3m(10ft) w/ Gas Hose 1.8m(6ft)                               | 1         | NS                                                 | T-13104  | 228479            | Robo Leads 7.5m (25ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                         | 1         |
| ! 9.  | KT-1439  | 228411       | Cable Leads 3m(10ft) w/ Gas Hose 2.4m(8ft)                               | 1         | NS                                                 | T-13111  | 228486            | Robo Leads 7.5m (25ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                         | 1         |
| ! 10. | KT-1425  | 228293       | Cable Leads 4.5m(15ft) w/ Gas Hose 1.8m(6ft)                             | 1         | NS                                                 | T-13105  | 228480            | Robo Leads 10m (35ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                          | 1         |
| ! 11. | KT-1438  | 228412       | Cable Leads 4.5m(15ft) w/ Gas Hose 2.4m(8ft)                             | 1         | NS                                                 | T-13112  | 228487            | Robo Leads 10m (35ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                          | 1         |
| ! 12. | KT-1426  | 228294       | Cable Leads 6m(20ft) w/ Gas Hose 1.8m(6ft)                               | 1         | NS                                                 | T-13106  | 228481            | Robo Leads 15m (50ft) w/ Gas Hose 1.8m (6ft)                                                                                                                                          | 1         |
| ! 13. | KT-1441  | 228413       | Cable Leads 6m(20ft) w/ Gas Hose 2.4m(8ft)                               | 1         | NS                                                 | T-13113  | 228488            | Robo Leads 15m (50ft) w/ Gas Hose 2.4m (8ft)                                                                                                                                          | 1         |
| ! 14. | KT-1427  | 228295       | Cable Leads 7.5m(25ft) w/ Gas Hose 1.8m(6ft)                             | 1         | !!!                                                | KT-1435  | DEMO HPRXD        | Torch + Cable Leads 0.8m, sample piece - exhibition only                                                                                                                              | 1         |
| ! 15. | KT-1442  | 228414       | Cable Leads 7.5m(25ft) w/ Gas Hose 2.4m(8ft)                             | 1         | NS                                                 | KT-1477  | K.HPRXD,4,5M.6GAS | Torch with Leads 4.5m (6')                                                                                                                                                            | 1         |
| ! 16. | KT-1428  | 228296       | Cable Leads 10m(35ft) w/ Gas Hose 1.8m(6ft)                              | 1         | More types of cable leads are available on request |          |                   |                                                                                                                                                                                       |           |
| ! 17. | KT-1437  | 228415       | Cable Leads 10m(35ft) w/ Gas Hose 2.4m(8ft)                              | 1         | 1a, 1b, 1c, 3, 3a                                  | T-11864  | 128879            | Torch Kit - set of spare parts for 220706, contains items 3 (4 pcs.), 3a (8 pcs.), 1a (2 pcs.), 1b (1 pc.), 1c (1 pc.), 2a (1 pc.), Cooling Tube 220340-UR, Silicone Lubricant T-0994 | 1         |
| ! 18. | KT-1429  | 228297       | Cable Leads 15m(50ft) w/ Gas Hose 1.8m(6ft)                              | 1         | Torch with leads available on request              |          |                   |                                                                                                                                                                                       |           |
| ! 19. | KT-1436  | 228416       | Cable Leads 15m(50ft) w/ Gas Hose 2.4m(8ft)                              | 1         |                                                    |          |                   |                                                                                                                                                                                       |           |
| ! 20. | KT-1430  | 228547       | Cable Leads 20m(65ft) w/ Gas Hose 1.8m(6ft)                              | 1         |                                                    |          |                   |                                                                                                                                                                                       |           |
| ! 21. | KT-1434  | 228546       | Cable Leads 20m(65ft) w/ Gas Hose 2.4m(8ft)                              | 1         |                                                    |          |                   |                                                                                                                                                                                       |           |
| NS    | T-13114  | 228514       | Robo Leads 2m (6ft) w/ Gas Hose 1.8m (6ft)                               | 1         |                                                    |          |                   |                                                                                                                                                                                       |           |

**!** OHMIC CONTACT WIRE IS NOT PART OF THE CABLE LEADS

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

**NS** NOT SHOWN IN THE PICTURE

**Q. D.** QUICK DISCONNECT

ALL PARTS ARE WITH O-RINGS

**W/** WITH

**Last update of this page: 07/06/2022. See Revision history for details.**

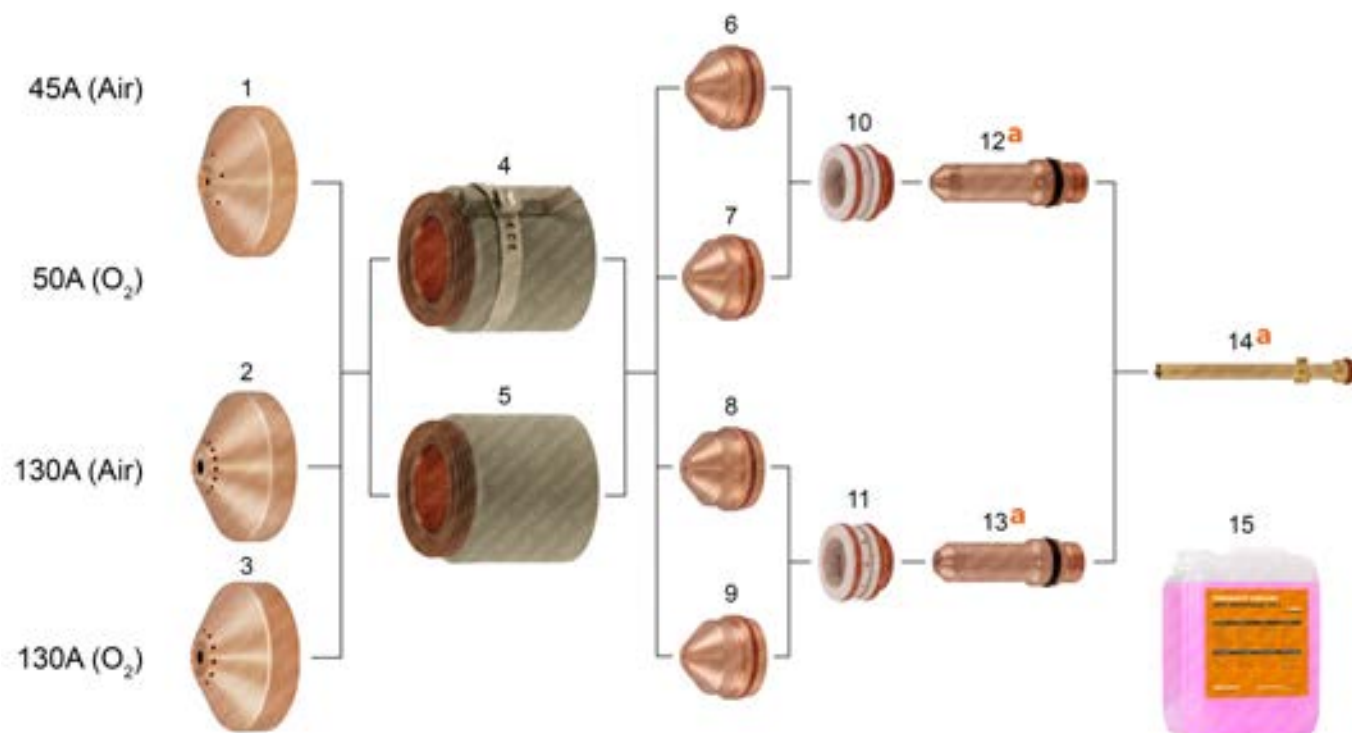
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**HySpeed® Plasma**  
**HSD®130 MILD STEEL**

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| Item | Part No. | Ref. No. | Description                                                   | Std. Pkg. | Item | Part No. | Ref. No.  | Description                                                   | Std. Pkg. |
|------|----------|----------|---------------------------------------------------------------|-----------|------|----------|-----------|---------------------------------------------------------------|-----------|
| 1.   | T-11283  | 220532   | Shield 45A, Air (50A, O <sub>2</sub> )                        | 1         | 9.   | T-11305  | 220489    | Nozzle 130A, O <sub>2</sub>                                   | 5         |
| 2.   | T-11284  | 220536   | Shield 130A, Air                                              | 1         | 10.  | T-11282  | 220529    | Swirl Ring 45A, Air (50A, O <sub>2</sub> )                    | 1         |
| 3.   | T-11281  | 220491   | Shield 130A, O <sub>2</sub>                                   | 1         | 11.  | T-11280  | 220488    | Swirl Ring 130A (200A)                                        | 1         |
| *4.  | T-13095* | 220578   | Ret. Cap 45/130A, Air (50/130A, O <sub>2</sub> ), with IHS    | 1         | a12. | T-11309  | 220528-UR | Electrode 45A (50A)                                           | 5         |
| *5.  | T-13094* | 220490   | Ret. Cap 45/130A, Air (50/130A, O <sub>2</sub> ), without IHS | 1         | a13. | T-11304  | 220487-UR | Electrode 130A, Air/O <sub>2</sub>                            | 5         |
| 6.   | T-11308  | 220525   | Nozzle 45A, Air                                               | 5         | a14. | T-11307  | 220521-UR | Cooling Tube                                                  | 1         |
| 7.   | T-11311  | 220530   | Nozzle 50A, O <sub>2</sub>                                    | 5         | 15.  |          |           | Coolant Liquid. Details on the page 148, section Accessories. |           |
| 8.   | T-11306  | 220492   | Nozzle 130A, Air                                              | 5         |      |          |           |                                                               |           |

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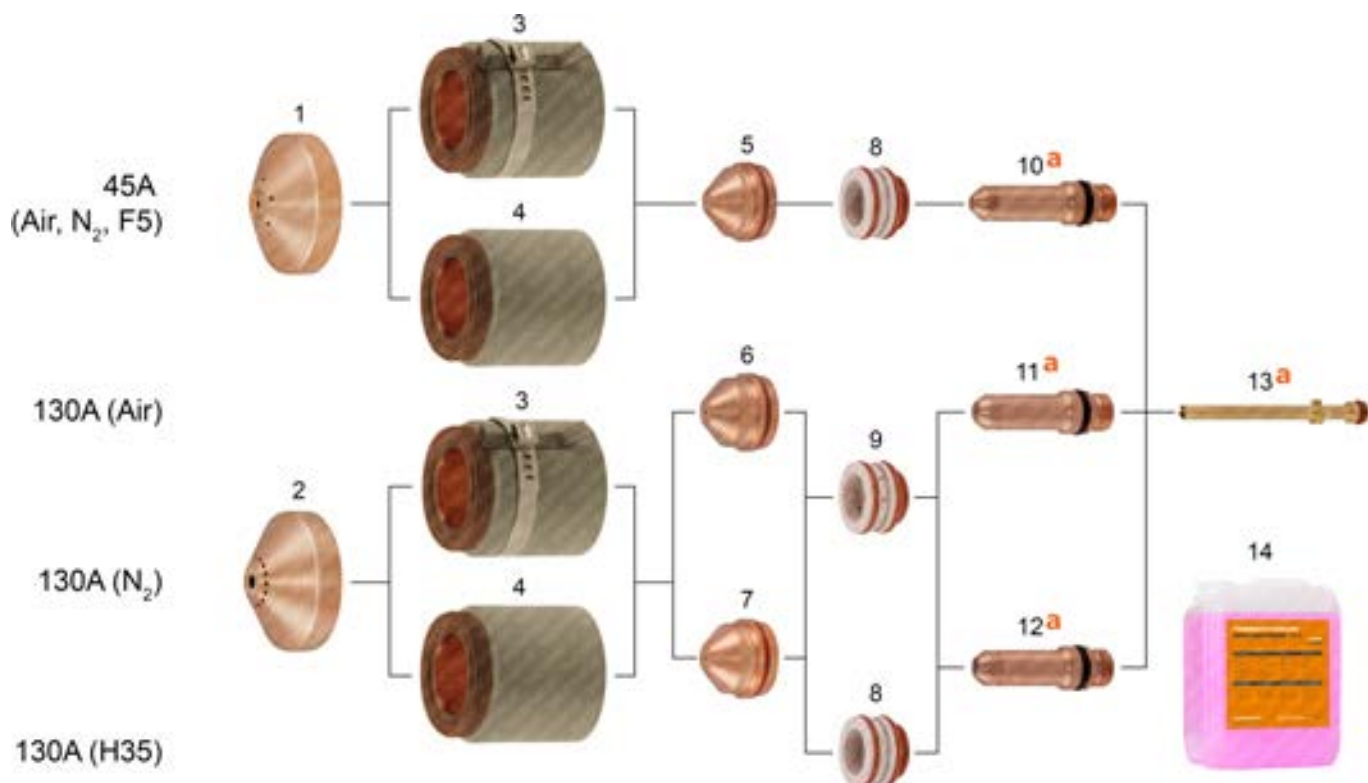
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**HySpeed® Plasma**  
**HSD®130 STAINLESS STEEL**

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| Item  | Part No. | Ref. No. | Description                                                | Std. Pkg. | Item  | Part No.                                                      | Ref. No.  | Description            | Std. Pkg. |
|-------|----------|----------|------------------------------------------------------------|-----------|-------|---------------------------------------------------------------|-----------|------------------------|-----------|
| 1.    | T-11283  | 220532   | Shield 45A, Air/N <sub>2</sub> /F5                         | 1         | 9.    | T-11280                                                       | 220488    | Swirl Ring 130A (200A) | 1         |
| 2.    | T-11284  | 220536   | Shield 130A, Air/H35/N <sub>2</sub>                        | 1         | a 10. | T-11309                                                       | 220528-UR | Electrode 45A (50A)    | 5         |
| *3.   | T-13095* | 220578   | Ret. Cap 45A, Air (130A, Air/N <sub>2</sub> ), with IHS    | 1         | a 11. | T-11304                                                       | 220487-UR | Electrode 130A, Air    | 5         |
| *4.   | T-13094* | 220490   | Ret. Cap 45A, Air (130A, Air/N <sub>2</sub> ), without IHS | 1         | a 12. | T-0382                                                        | 020415-UR | Electrode 100-200A     | 5         |
| 5.    | T-11308  | 220525   | Nozzle 45A, Air/N <sub>2</sub> /F5                         | 5         | a 13. | T-11307                                                       | 220521-UR | Cooling Tube           | 1         |
| 6.    | T-11306  | 220492   | Nozzle 130A, Air                                           | 5         | 14.   | Coolant Liquid. Details on the page 148, section Accessories. |           |                        |           |
| OD 7. | T-11310  | 220535   | Nozzle 130A, H35/N <sub>2</sub>                            | 5         |       |                                                               |           |                        |           |
| 8.    | T-11282  | 220529   | Swirl Ring 45A, Air/N <sub>2</sub> /F5 (130A, H35)         | 1         |       |                                                               |           |                        |           |

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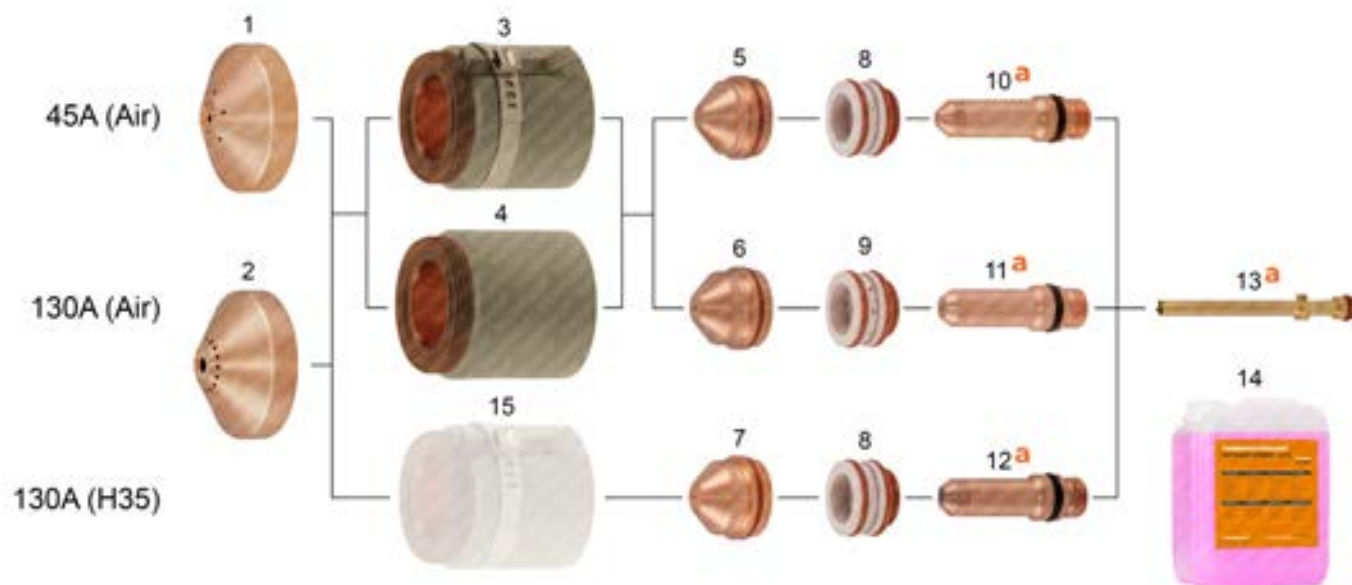
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| Item  | Part No. | Ref. No. | Description                             | Std. Pkg. | Item  | Part No. | Ref. No.  | Description                                                   | Std. Pkg. |
|-------|----------|----------|-----------------------------------------|-----------|-------|----------|-----------|---------------------------------------------------------------|-----------|
| 1.    | T-11283  | 220532   | Shield 45A, Air                         | 1         | 9.    | T-11280  | 220488    | Swirl Ring 130A (200A)                                        | 1         |
| 2.    | T-11284  | 220536   | Shield 130A, Air/H35                    | 1         | a 10. | T-11309  | 220528-UR | Electrode 45A (50A)                                           | 5         |
| *3.   | T-13095* | 220578   | Retaining Cap 45/130A, Air, with IHS    | 1         | a 11. | T-11304  | 220487-UR | Electrode 130A, Air                                           | 5         |
| *4.   | T-13094* | 220490   | Retaining Cap 45/130A, Air, without IHS | 1         | a 12. | T-0382   | 020415-UR | Electrode 100-200A                                            | 5         |
| 5.    | T-11308  | 220525   | Nozzle 45A, Air                         | 5         | a 13. | T-11307  | 220521-UR | Cooling Tube                                                  | 1         |
| 6.    | T-11306  | 220492   | Nozzle 130A, Air                        | 5         | 14.   |          |           | Coolant Liquid. Details on the page 148, section Accessories. |           |
| OD 7. | T-11310  | 220535   | Nozzle 130A, H35                        | 5         | 15.   |          |           | Not available any more - OEM only.                            |           |
| 8.    | T-11282  | 220529   | Swirl Ring 45A, Air (130A, H35)         | 1         |       |          |           |                                                               |           |

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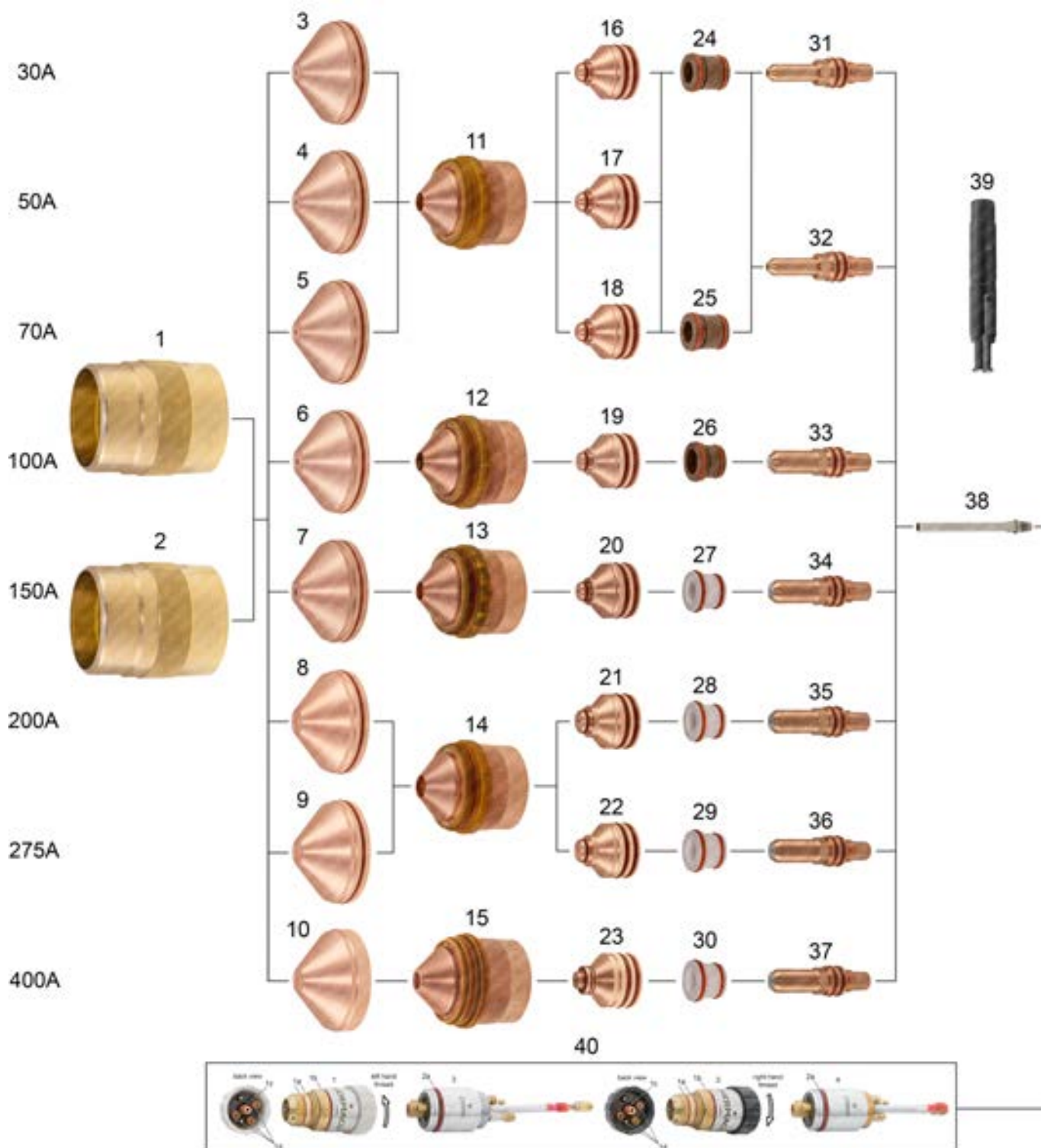
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

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



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SPIRIT®, ProLine™

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



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

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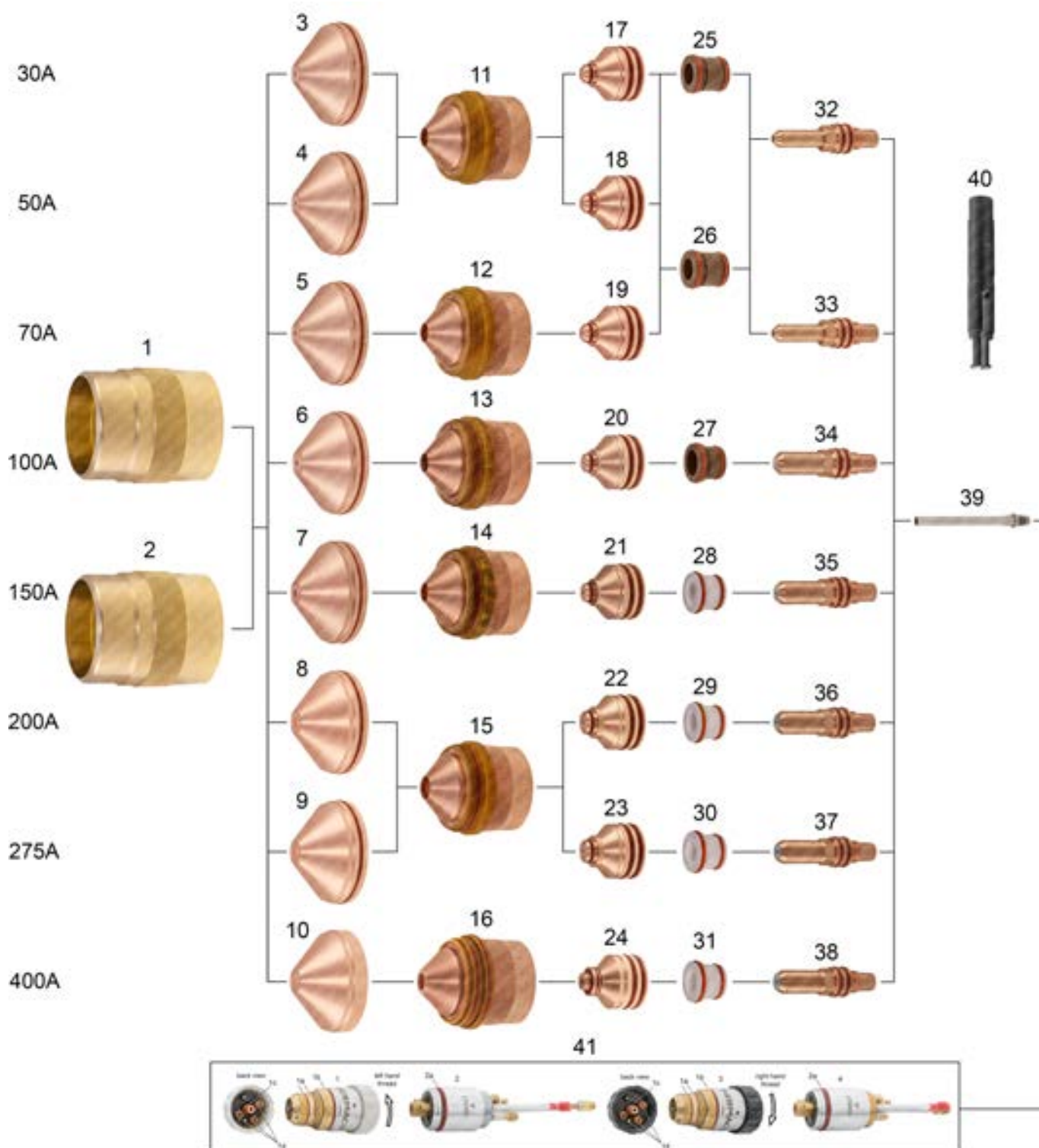
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

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



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SPIRIT®, ProLine™

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



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|------|----------|----------|---------------------------------------|-----------|--------|-------------------------------------------|------------|-------------------------------------|-----------|
| 1.   | T-11909  | 284150   | Outer Retaining Cap 30-400A           | 1         | 23.    | T-12056                                   | 277276     | Nozzle 275A SS/AL                   | 1         |
| 2.   | T-11892  | 277154   | Outer Retaining Cap 30-275A           | 1         | OD 24. | T-12057                                   | 284157     | Nozzle 400A SS                      | 1         |
| 3.   | T-12049  | 277144   | Shield Cap 30A SS                     | 1         | 25.    | T-12059                                   | 277138     | Swirl Ring 30A SS                   | 1         |
| 4.   | T-12050  | 277149   | Shield Cap 50A SS                     | 1         | 26.    | T-11894                                   | 277142     | Swirl Ring 50/70A MS/SS/AL          | 1         |
| 5.   | T-11901  | 277150   | Shield Cap 70A MS/SS/AL               | 1         | *27.   | T-11893                                   | 277283     | Swirl Ring 100A MS/SS/AL, Air       | 1         |
| 6.   | T-11898  | 277286   | Shield Cap 100A MS/SS/AL, Air         | 1         | *28.   | T-11897                                   | 277139-UR  | Swirl Ring 150A MS/SS/AL            | 1         |
| 7.   | T-11907  | 277117   | Shield Cap 150A MS/SS/AL              | 1         | *29.   | T-11896                                   | 277143-UR  | Swirl Ring 200A MS/SS/AL            | 1         |
| 8.   | T-11899  | 277274   | Shield Cap 200A MS/SS/AL              | 1         | *30.   | T-11895                                   | 277258-UR  | Swirl Ring 275A MS/SS/AL            | 1         |
| 9.   | T-11900  | 277263   | Shield Cap 275A MS/SS/AL              | 1         | 31.    | T-12036                                   | 284122-UR  | Swirl Ring 400A MS/SS/AL            | 1         |
| 10.  | T-12051  | 284155   | Shield Cap 400A SS/AL                 | 1         | 32.    | T-12060                                   | 277137     | Electrode 30/50A SS                 | 10        |
| 11.  | T-12052  | 277110   | Inner Retaining Cap 30-50A SS         | 1         | 33.    | T-11906                                   | 277131     | Electrode 70A MS/SS/AL              | 5         |
| 12.  | T-11891  | 277153   | Inner Retaining Cap 70A MS/SS/AL      | 1         | 34.    | T-11902                                   | 277282-PRO | Electrode 100A MS/SS/AL, Silver PRO | 5         |
| 13.  | T-11908  | 277151   | Inner Retaining Cap 100A MS/SS/AL     | 1         | 35.    | T-11904                                   | 277292-PRO | Electrode 150A MS/SS/AL, Silver PRO | 5         |
| 14.  | T-11890  | 277152   | Inner Retaining Cap 150A MS/SS/AL     | 1         | 36.    | T-11903                                   | 277291-PRO | Electrode 200A MS/SS/AL, Silver PRO | 5         |
| 15.  | T-11889  | 277266   | Inner Retaining Cap 200/275A MS/SS/AL | 1         | 37.    | T-11905                                   | 277270-PRO | Electrode 275A MS/SS/AL, Silver PRO | 5         |
| 16.  | T-12053  | 284156   | Inner Retaining Cap 400A SS/AL        | 1         | 38.    | T-12061                                   | 284159     | Electrode 400A SS/AL                | 5         |
| 17.  | T-12054  | 277121   | Nozzle 30A SS                         | 1         | 39.    | T-11944                                   | 277007     | Cooling Tube                        | 1         |
| 18.  | T-12055  | 277123   | Nozzle 50A SS                         | 1         | 40.    | T-11322                                   | 12.40320   | Wrench for Swirl Ring 150-400A      | 1         |
| 19.  | T-11887  | 277125   | Nozzle 70A MS/SS/AL                   | 1         | 41.    | Torches. See following pages for details. |            |                                     |           |
| 20.  | T-11886  | 277284   | Nozzle 100A MS/SS/AL, Air             | 1         |        |                                           |            |                                     |           |
| 21.  | T-11885  | 277293   | Nozzle 150A MS/SS/AL, Air             | 1         |        |                                           |            |                                     |           |
| 22.  | T-11884  | 277289   | Nozzle 200A MS/SS/AL, Air             | 1         |        |                                           |            |                                     |           |

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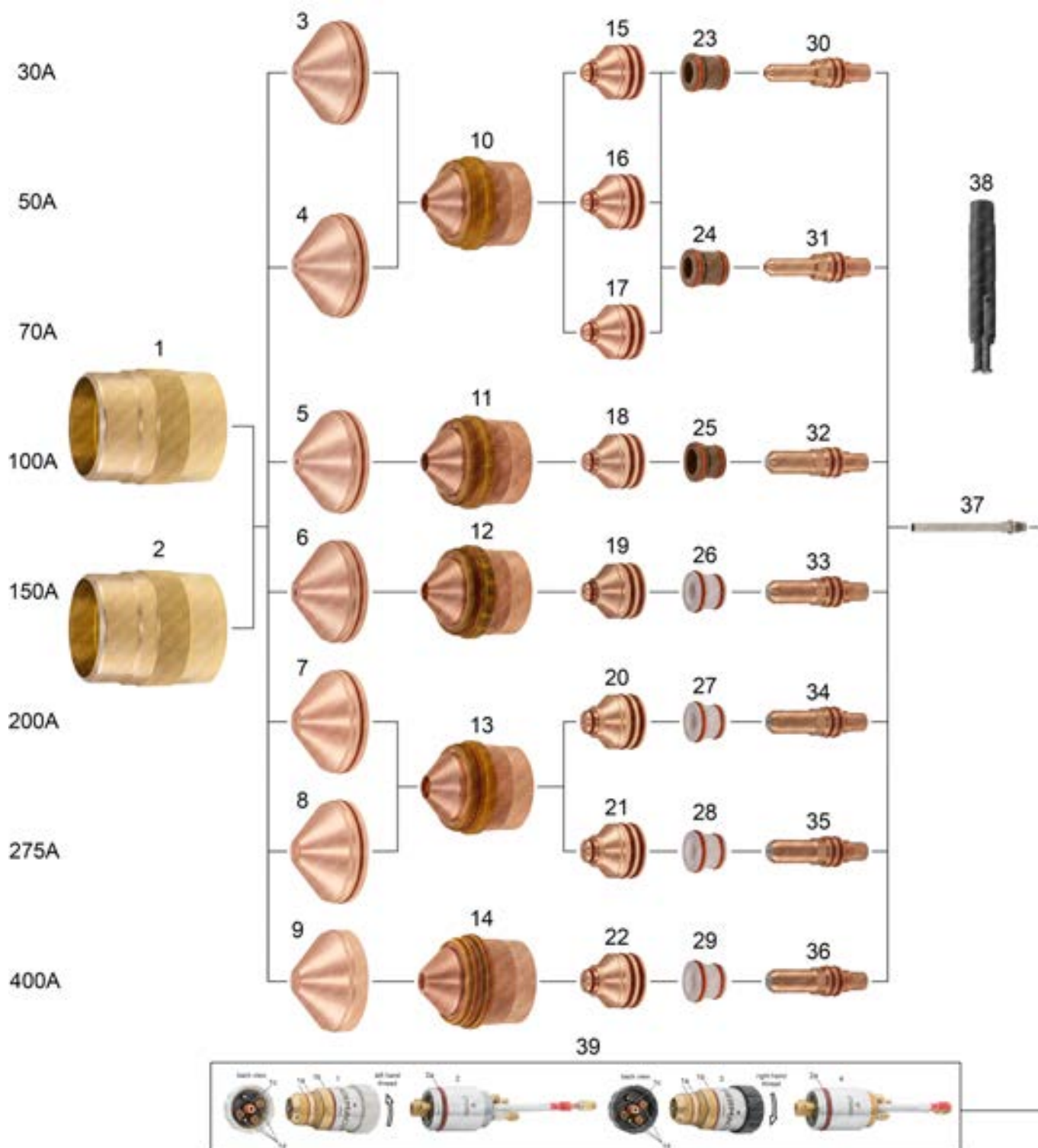
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

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



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KALIBURN®

SPIRIT®, ProLine™

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



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

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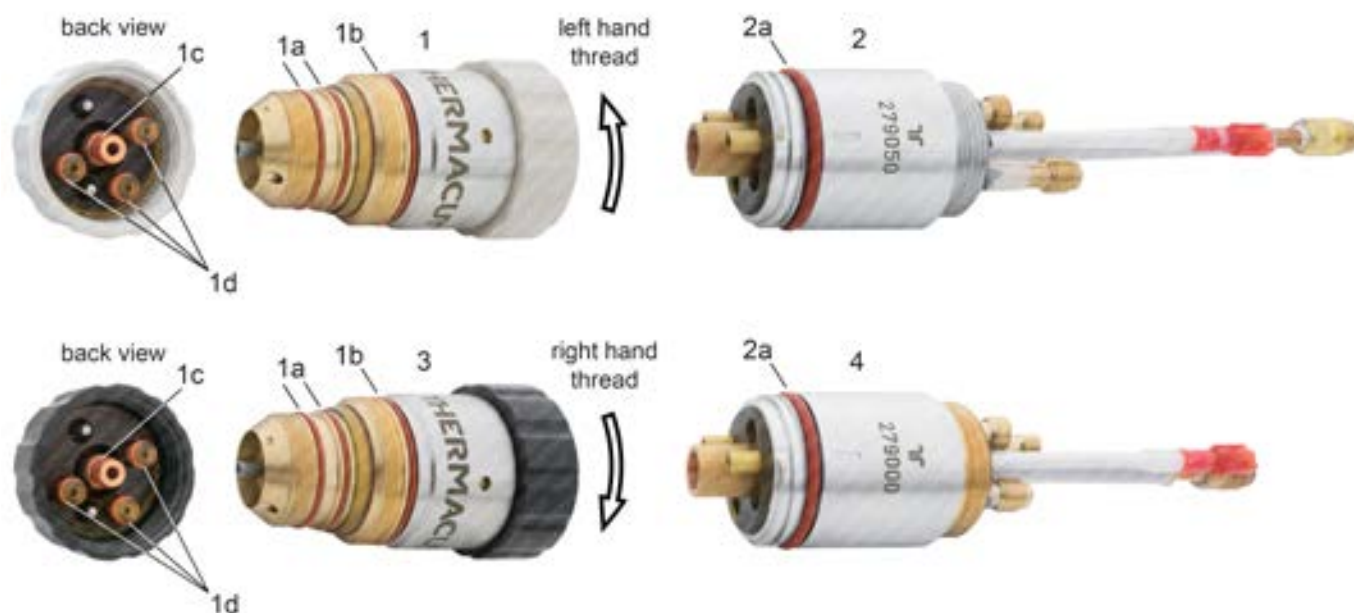
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KALIBURN®  
SPIRIT®, ProLine™  
TORCHES**



| Item | Part No. | Ref. No. | Description                 | Std. Pkg. | Item | Part No. | Ref. No. | Description                                                                 | Std. Pkg. |
|------|----------|----------|-----------------------------|-----------|------|----------|----------|-----------------------------------------------------------------------------|-----------|
| 1.   | T-12182  | 279150   | Torch Body, Spirit 150-275A | 1         | 2a.  | N-21421  | N-21421  | O-Ring                                                                      | 10        |
| 1a.  | N-10092  | N-10092  | 2× O-Ring                   | 1         | 3.   | T-13082  | 279100   | Torch Body, Spirit 400A                                                     | 1         |
| 1b.  | N-21467  | N-21467  | O-Ring                      | 1         | 4.   | T-13083  | 279000   | Torch Base, Spirit 400A                                                     | 1         |
| 1c.  | N-21415  | N-21415  | O-Ring                      | 1         | NS   | T-13195  | T-13195  | Adaptor Kit to upgrade 1-piece Torch 277000 to 2-piece Torch Adaptor 279050 | 1         |
| 1d.  | N-10055  | N-10055  | 6× O-Ring                   | 1         |      |          |          |                                                                             |           |
| 2.   | T-12185  | 279050   | Torch Base, Spirit 150-275A | 1         |      |          |          |                                                                             |           |

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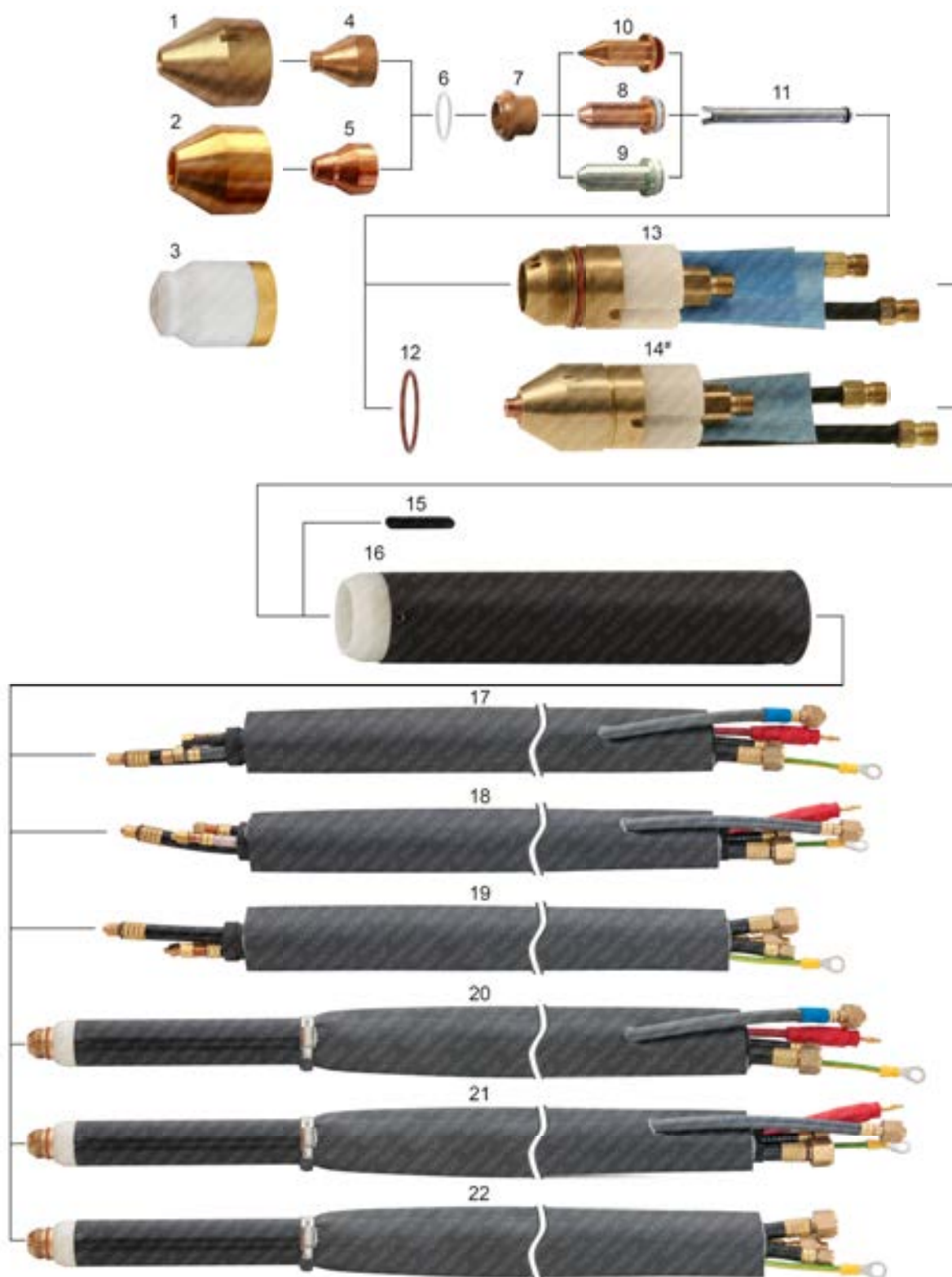
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PA-S20W™, PA-S25W™, PA-S40W™, PA-S45W™, PA-S70W™  
PB-S45W™**



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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        | 15.                                                 | PT-12482 | 11.828.201.250-3    |            | Tube Pin                                        | 1        |
| 2.    | T-8617   | 11.830.301.151     |            | Nose Cap 9.6                      | 1        | 16.                                                 | T-8610   | 11.828.201.250      |            | Tube Complete, incl. pos. 15                    | 1        |
| 3.    | T-10040  | 11.828.101.160     |            | Protection Cap, Hand              | 1        | 17.                                                 | KT-1068  | 11.832.521.701      |            | Cable Leads 10m PB-S45W-1/O <sub>2</sub>        | 1        |
| 4.    | T-8612   | 11.828.201.413     | Ld         | Nozzle 1.3mm 90A, Air             | 5        |                                                     | KT-1449  | K.PB-S45W-1O2.15M.K |            | Cable Leads 15m PB-S45W-1/O <sub>2</sub>        | 1        |
| 5.    | T-8614   | 11.828.203.410     | Lle        | Nozzle 1.0mm 45A, Lle, Air        | 10       | 18.                                                 | T-13237  | 11.832.501.700      |            | Cable Leads 6m PB-S45W-1/L                      | 1        |
|       | T-8615   | 11.828.203.413     | Lde        | Nozzle 1.3mm 90A, Lde, Air        | 10       |                                                     | KT-1468  | 11.832.501.701      |            | Cable Leads 10m PB-S45W-1/L                     | 1        |
|       | T-8616   | 11.828.203.414     | Lee        | Nozzle 1.4mm 130A, Lee, Air       | 10       |                                                     | KT-1373  | K.PB-S45W-1L.15M.K  |            | Cable Leads 15m PB-S45W-1/L                     | 1        |
| OD    | T-8736   | 11.828.213.613     | Ade        | Nozzle 1.3mm 80A, ArH2            | 10       |                                                     | KT-1516  | K.PB-S45W-1L.17M.K  |            | Cable Leads 18m PB-S45W-1/L                     | 1        |
| OD    | T-8737   | 11.828.213.614     | Aee        | Nozzle 1.4mm 100A, ArH2           | 5        | 19.                                                 | KT-1473  | 11.831.601.700      |            | Cable Leads 6m PB-S45WH/L                       | 1        |
|       | T-8738   | 11.828.213.616     | Afe        | Nozzle 1.6mm 130A, ArH2           | 5        |                                                     | KT-1296  | 11.832.401.701      |            | Cable Leads 10m PB-S45W/L                       | 1        |
|       | T-8620   | 11.834.321.410     | Lle-XL     | Nozzle 1.0mm 45A, O <sub>2</sub>  | 10       |                                                     | KT-1322  | K.PB-S45W-L.15M.K   |            | Cable Leads 15m PB-S45W/L                       | 1        |
|       | T-8621   | 11.834.321.413     | Lde-XL     | Nozzle 1.3mm 90A, O <sub>2</sub>  | 10       | 20.                                                 | KT-1208  | 11.832.521.006      |            | Torch with Leads 6m PB-S45W-1/O <sub>2</sub>    | 1        |
|       | T-8622   | 11.834.321.414     | Lee-XL     | Nozzle 1.4mm 130A, O <sub>2</sub> | 10       |                                                     | KT-1255  | 11.832.521.010      |            | Torch with Leads 10m PB-S45W-1/O <sub>2</sub>   | 1        |
| 6.    | T-8601   | 10.575.036         |            | O-Ring                            | 10       |                                                     | KT-1490  | K.PB-S45W-1L-O2.15M |            | Torch with Leads 15m PB-S45W-1/O <sub>2</sub>   | 1        |
| 7.    | T-8604   | 11.828.001.153     | Z111       | Swirl Ring                        | 1        | 21.                                                 | KT-1230  | 11.832.501.1015     |            | Torch with Leads 1.5m PB-S45W-1/L               | 1        |
| OD    | T-10794  | 11.828.001.153K    | Z111       | Swirl Ring, Ceramic               | 5        |                                                     | KT-1413  | 11.832.501.006      |            | Torch with Leads 6m PB-S45W-1/L                 | 1        |
| 8.    | T-8605   | 11.828.001.3001    | Kb         | Cathode                           | 5        |                                                     | KT-1254  | 11.832.501.010      |            | Torch with Leads 10m PB-S45W-1/L                | 1        |
| 9.    | T-4921   | 11.834.321.3001-AG |            | Cathode, SilverEX-®               | 5        | OD                                                  | KT-1272  | K.PB-S45W-1L.15M    |            | Torch with Leads 15m PB-S45W-1/L                | 1        |
| 10.   | T-8735   | 11.828.211.5001    | Ka         | Cathode, ArH2 (i)                 | 5        | 22.                                                 | KT-1402  | 11.832.401.006      |            | Torch with Leads 6m PB-S45W/L                   | 1        |
| 11.   | T-8603   | 11.828.001.152     |            | Cooling Tube                      | 1        |                                                     | KT-1116  | 11.832.401.010      |            | Torch with Leads 10m PB-S45W/L                  | 1        |
| 12.   | T-8602   | 10.575.052         |            | O-Ring                            | 10       |                                                     | KT-1054  | K.PB-S45W-L.15M     |            | Torch with Leads 15m PB-S45W/L                  | 1        |
| 13.   | T-8926   | 11.828.301.100     |            | Torch Body, Machine               | 1        |                                                     | KT-1356  | K.PB-S45W-L.20M     |            | Torch with Leads 20m PB-S45W/L                  | 1        |
| #14.  | T-8607#  | 11.828.201.100     |            | Complete Torch, Machine           | 1        | NS                                                  | KT-1417  | K.PB-S45W-1L-O2.20M |            | Torch with Leads 20m PB-S45W/L-1/O <sub>2</sub> | 1        |
| OD NS | T-11572  | 11.828.001.810 OEM |            | Nose Cap Tool                     | 1        | Different types of cable leads available on request |          |                     |            |                                                 |          |

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

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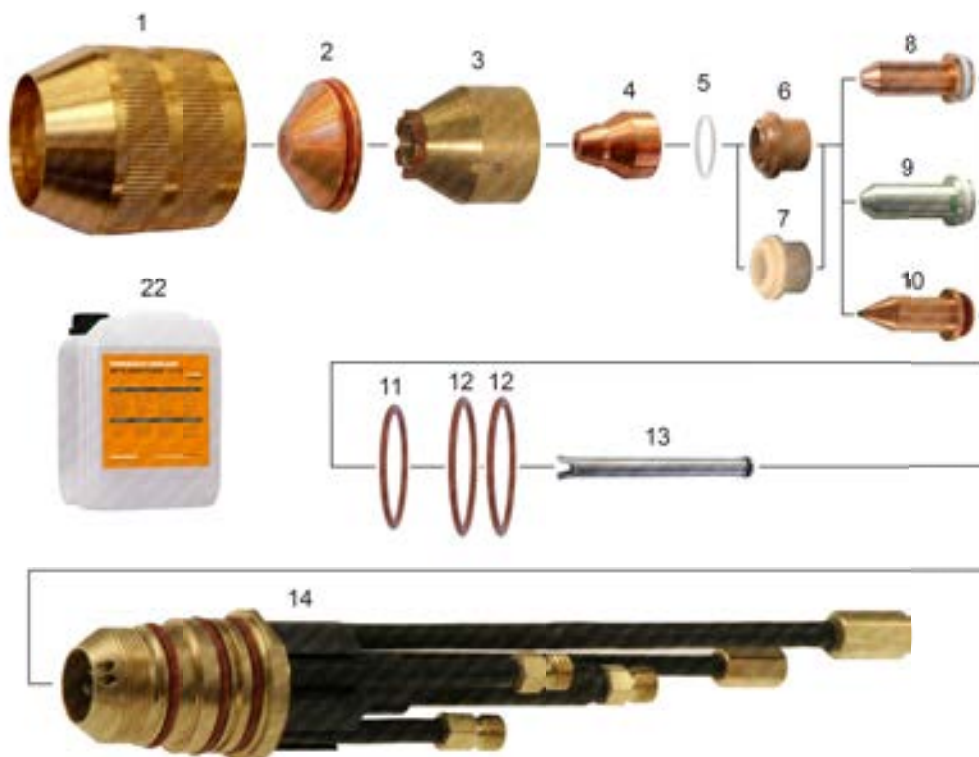
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KJELLBERG®  
FineFocus® 450  
PB-S47™ W - 1 / O<sub>2</sub>**



1:3



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

| Item | Part No. | Ref. No.           | Sh.Ref.No. | Description                       | Std.Pkg. | Item   | Part No.                                                      | Ref. No.          | Sh.Ref.No. | Description                                | Std.Pkg. |
|------|----------|--------------------|------------|-----------------------------------|----------|--------|---------------------------------------------------------------|-------------------|------------|--------------------------------------------|----------|
| 1.   | T-8641   | 11.832.201.081     | W501       | Protection Cap                    | 1        | 10.    | T-8735                                                        | 11.828.211.5001   | Ka         | Cathode, ArH2 (i)                          | 5        |
| 2.   | T-8642   | 11.832.201.1561    | W4130      | Swirl Gas Cup 3.0                 | 10       | 11.    | T-8602                                                        | 10.575.052        |            | O-Ring                                     | 10       |
|      | T-8643   | 11.832.201.1571    | W4140      | Swirl Gas Cup 4.0                 | 10       | 12.    | T-8647                                                        | 10.505.915        |            | O-Ring                                     | 1        |
| 3.   | T-8644   | 11.832.201.160     | W3030      | Nozzle Cap                        | 1        | 13.    | PT-10232                                                      | 11.832.201.152    | W901       | Cooling Tube                               | 1        |
| 4.   | T-8614   | 11.828.203.410     | Lle        | Nozzle 1.0mm 45A, Lle, Air        | 10       | 14.    | T-8649                                                        | 11.832.221.100    |            | Torch Body, Machine                        | 1        |
|      | T-8615   | 11.828.203.413     | Lde        | Nozzle 1.3mm 90A, Lde, Air        | 10       | OD 15. | T-8648                                                        | 10.505.948        |            | O-Ring                                     | 10       |
|      | T-8616   | 11.828.203.414     | Lee        | Nozzle 1.4mm 130A, Lee, Air       | 10       | OD 16. | T-10193                                                       | 11.832.221.100-10 |            | Tube Adaptor                               | 1        |
|      | T-8620   | 11.834.321.410     | Lle-XL     | Nozzle 1.0mm 45A, O <sub>2</sub>  | 10       | 17.    | T-10925                                                       | 11.832.201.077    |            | Clamping Bush                              | 1        |
|      | T-8621   | 11.834.321.413     | Lde-XL     | Nozzle 1.3mm 90A, O <sub>2</sub>  | 10       | 18.    | T-10924                                                       | 11.832.201.076    |            | Outer Bush                                 | 1        |
|      | T-8622   | 11.834.321.414     | Lee-XL     | Nozzle 1.4mm 130A, O <sub>2</sub> | 10       | 19.    | T-10772                                                       | 11.834.321.250    |            | Tube PB-S47W™                              | 1        |
| OD   | T-8736   | 11.828.213.613     | Ade        | Nozzle 1.3mm 80A, ArH2            | 10       | 20.    | KT-1155                                                       | 11.834.721.1015   |            | Torch with Leads 1.5m 2/O <sub>2</sub>     | 1        |
| OD   | T-8737   | 11.828.213.614     | Aee        | Nozzle 1.4mm 100A, ArH2           | 5        | 21.    | KT-1056                                                       | 11.834.321.006    |            | Torch with Leads 6m 1/O <sub>2</sub>       | 1        |
|      | T-8738   | 11.828.213.616     | Afe        | Nozzle 1.6mm 130A, ArH2           | 5        |        | KT-1422                                                       | 11.834.321.010    |            | Torch with Leads 10m 1/O <sub>2</sub>      | 1        |
| 5.   | T-8601   | 10.575.036         |            | O-Ring                            | 10       |        | KT-1102                                                       | 11.834.321.015    |            | Torch with Leads 15m 1/O <sub>2</sub>      | 1        |
| 6.   | T-8618   | 11.834.321.153     | Z111       | Swirl Ring                        | 1        |        | KT-1127                                                       | K.PB-S47W.20M     |            | Torch with Leads 20m 1/O <sub>2</sub>      | 1        |
| 7.   | T-9287   | 11.834.321.153K    | Z111       | Swirl Ring, Ceramic               | 1        | NS     | KT-1470                                                       | 11.834.321.701A   |            | PB-S47W™ Cable Leads 15m 1/O <sub>2</sub>  | 1        |
| 8.   | T-8619   | 11.834.321.3001    | Kb-XL      | Cathode                           | 5        | NS     | T-13187                                                       | 11.834.721.700B   |            | PB-S47W™ Cable Leads 1.5m 2/O <sub>2</sub> | 1        |
| 9.   | T-4921   | 11.834.321.3001-AG | Kb-XL      | Cathode, SilverEX-®               | 5        | 22.    | Coolant Liquid. Details on the page 148, section Accessories. |                   |            |                                            |          |

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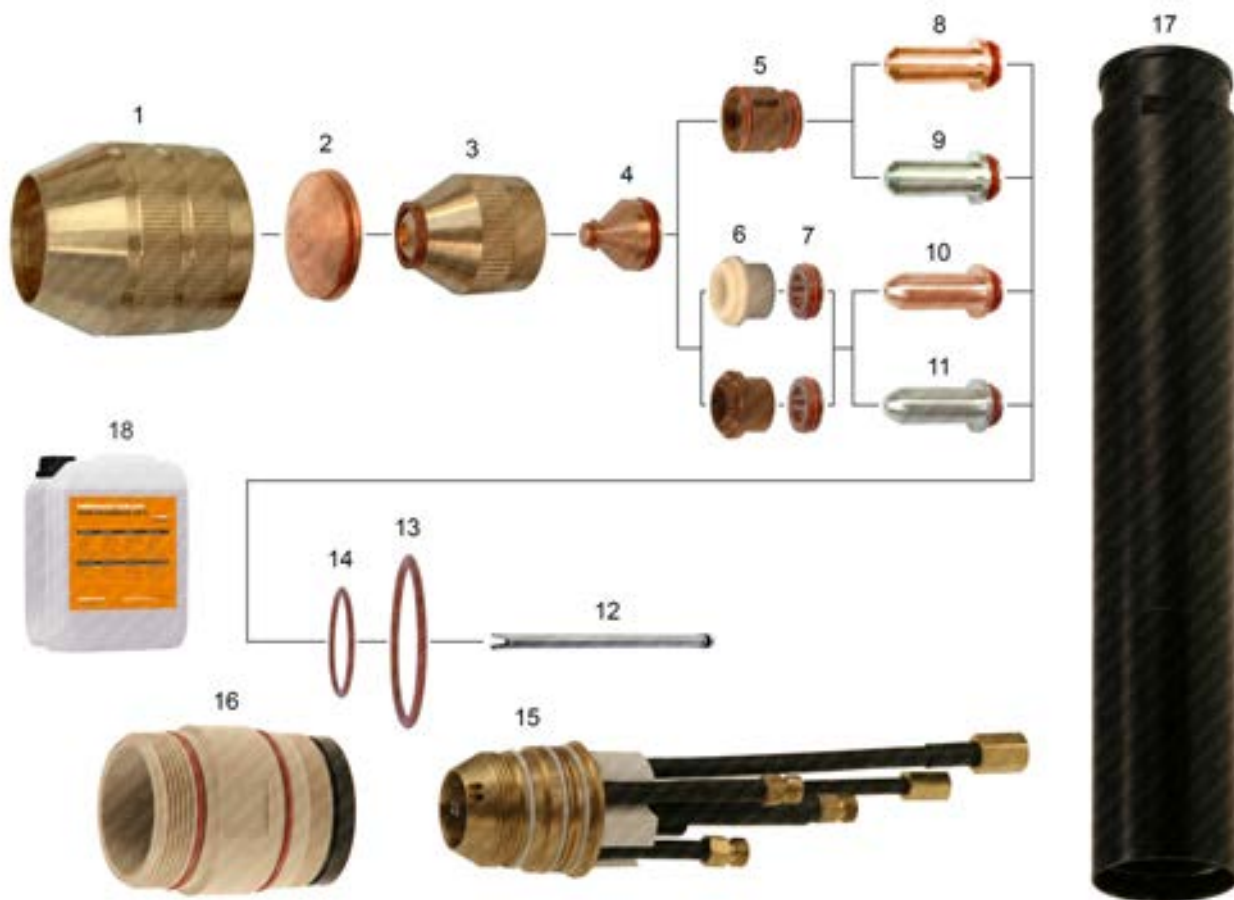
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 100  
PerCut® 100, PerCut® 101**



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

| Item | Part No. | Ref. No.        | Sh.Ref.No. | Description           | Std. Pkg. | Item                                                              | Part No. | Ref. No.            | Sh.Ref.No. | Description                                | Std. Pkg. |
|------|----------|-----------------|------------|-----------------------|-----------|-------------------------------------------------------------------|----------|---------------------|------------|--------------------------------------------|-----------|
| 1.   | T-8630   | 11.835.201.081  | Z501       | Protection Cap        | 1         | 7.                                                                | T-8655   | 11.835.421.303      | Z111A      | Spacer                                     | 2         |
| 2.   | T-8631   | 11.835.201.1561 | Z4015      | Swirl Gas Cap 1.5     | 10        | 8.                                                                | T-8624   | 11.835.221.3101     | Z002Cu     | Cathode, XL, O <sub>2</sub> , Copper (i)   | 5         |
|      | T-8632   | 11.835.201.1571 | Z4020      | Swirl Gas Cap 2.0     | 10        | 9.                                                                | T-4922   | 11.835.221.3101-AG  | Z002       | Cathode, XL, O <sub>2</sub> , SilverEX-®   | 5         |
|      | T-8633   | 11.835.201.1581 | Z4025      | Swirl Gas Cap 2.5     | 10        | 10.                                                               | T-8653   | 11.835.421.3101-PRO | Z012Cu     | Cathode, XL, O <sub>2</sub> , Silver PRO   | 5         |
|      | T-8634   | 11.835.201.1591 | Z4030      | Swirl Gas Cap 3.0     | 10        | 11.                                                               | T-4923   | 11.835.421.3101-AG  | Z012       | Cathode, XL, O <sub>2</sub> , SilverEX-®   | 5         |
|      | T-8650   | 11.835.401.1571 | Z4140      | Swirl Gas Cap 4.0     | 10        | 12.                                                               | T-8638   | 11.835.201.152      | Z901       | Cooling Tube                               | 1         |
|      | T-9928   | 11.835.411.1581 | Z4530      | Swirl Gas Cap 3.0     | 10        | 13.                                                               | T-8640   | 10.505.946          |            | O-Ring                                     | 10        |
|      | T-9929   | 11.835.411.1591 | Z4540      | Swirl Gas Cap 4.0     | 10        | OD 14.                                                            | N-10040  | 10.505.916          |            | O-Ring                                     | 1         |
|      | T-10154  | 11.835.411.1590 | Z4545      | Swirl Gas Cap 4.5     | 10        | 15.                                                               | T-8654   | 11.835.221.100      |            | Torch Body, Machine                        | 1         |
| 3.   | T-8635   | 11.835.201.160  | Z3004      | Nozzle Cap 0.4        | 1         | 16.                                                               | T-10282  | 11.842.221.100-10   |            | Tube Adaptor                               | 1         |
|      | T-8636   | 11.835.201.162  | Z3008      | Nozzle Cap 0.8        | 1         | 17.                                                               | T-9857   | 11.842.421.250      |            | Tube D44-295                               | 1         |
| 4.   | T-8625   | 11.835.221.406  | Z2006      | Nozzle 0.6 25A        | 5         | NS                                                                | T-9755   | 11.835.201.077      |            | Clamping Bush                              | 1         |
|      | T-8626   | 11.835.221.407  | Z2007      | Nozzle 0.7 35A        | 10        | NS                                                                | T-9756   | 11.835.201.076      |            | Outer Bush                                 | 1         |
|      | T-8627   | 11.835.221.408  | Z2008      | Nozzle 0.8 50/60A     | 10        | NS                                                                | KT-1203  | 11.838.221.1015     |            | PerCut® 101-2<br>Torch with Leads<br>1.75m | 1         |
|      | T-8628   | 11.835.221.410  | Z2010      | Nozzle 1.0 80/90A     | 10        | NS                                                                | KT-1185  | 11.838.421.700      |            | PerCut® 101-1<br>Cable Leads 6m            | 1         |
|      | T-8929   | 11.835.221.411  | Z2011      | Nozzle 1.1 90/100A    | 10        | NS                                                                | KT-1135  | 11.838.421.702      |            | PerCut® 101-1<br>Cable Leads 15m           | 1         |
|      | T-8629   | 11.835.221.412  | Z2012      | Nozzle 1.2 100A       | 10        | NS                                                                | KT-1410  | 11.838.221.103      |            | PerCut® 101-2<br>Torch with Leads<br>3m    | 1         |
| OD   | T-8637   | 11.835.221.414  | Z2014      | Nozzle 1.4 130A       | 10        | 18. Coolant Liquid. Details on the page 148, section Accessories. |          |                     |            |                                            |           |
|      | T-8651   | 11.835.421.412  | Z2112      | Nozzle 1.2 100A       | 10        |                                                                   |          |                     |            |                                            |           |
|      | T-8652   | 11.835.421.414  | Z2114      | Nozzle 1.4 130A       | 10        |                                                                   |          |                     |            |                                            |           |
| 5.   | T-8623   | 11.835.221.153  | Z101       | Swirl Ring 0.4 (3×CW) | 1         |                                                                   |          |                     |            |                                            |           |
|      | T-8886   | 11.835.221.154  | Z102       | Swirl Ring 0.4 (2×CW) | 1         |                                                                   |          |                     |            |                                            |           |
| 6.   | T-9287   | 11.834.321.153K | Z111       | Swirl Ring, Ceramic   | 1         |                                                                   |          |                     |            |                                            |           |
|      | T-8618   | 11.834.321.153  | Z111       | Swirl Ring, Vespel®   | 1         |                                                                   |          |                     |            |                                            |           |

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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.

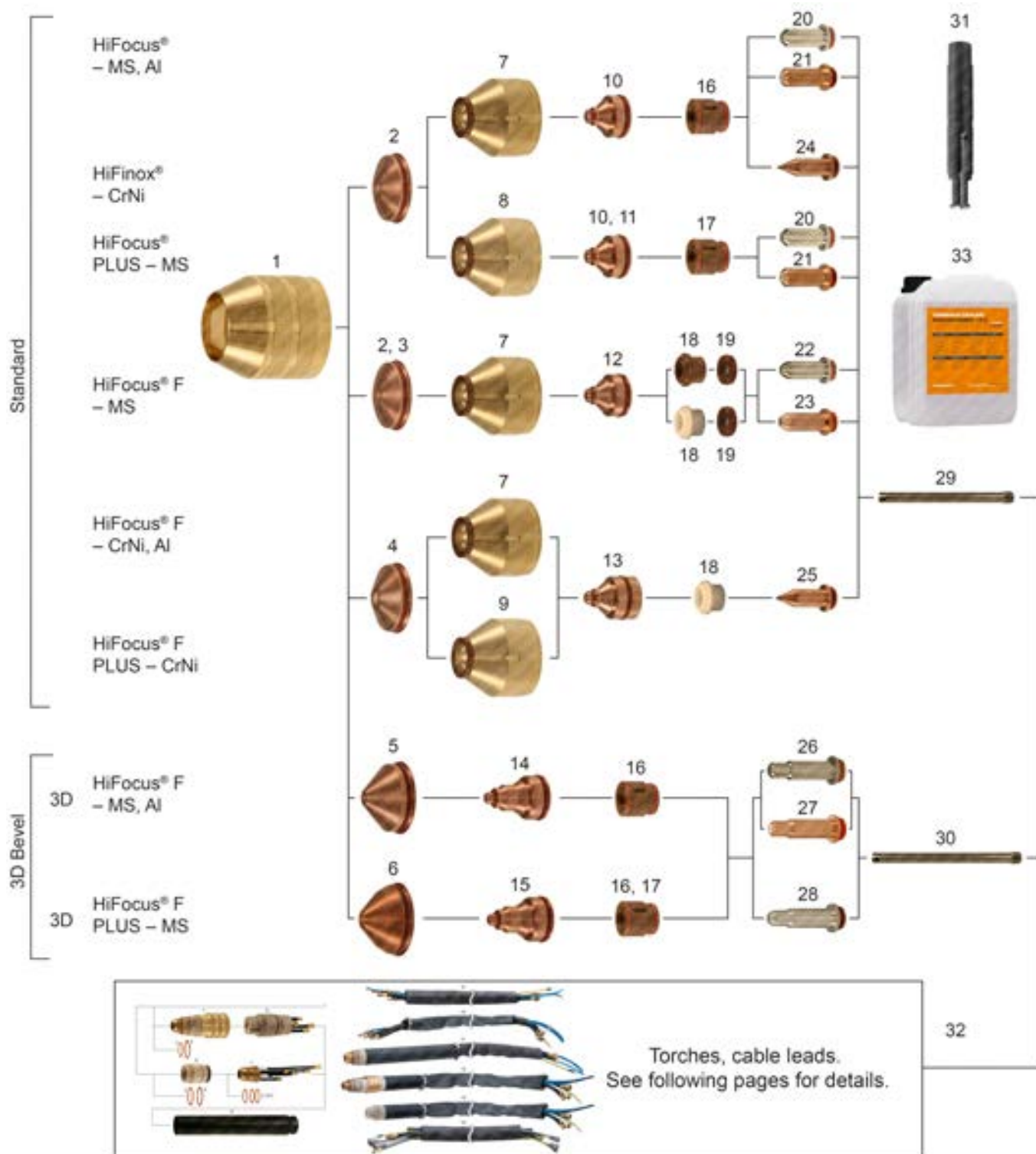
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170**



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

HiFocus® 160i

PerCut® 160 / PerCut® 170



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

| 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         | 12.  | T-10008                                                       | 11.843.121.412     | S2112X     | Nozzle 1.2 100A                          | 10        |
| 2.    | T-8631   | 11.835.201.1561     | Z4015      | Swirl Gas Cap 1.5      | 10        |      | T-10009                                                       | 11.843.121.414     | S2114X     | Nozzle 1.4 130A                          | 10        |
|       | T-8632   | 11.835.201.1571     | Z4020      | Swirl Gas Cap 2.0      | 10        |      | T-10010                                                       | 11.843.121.416     | S2116X     | Nozzle 1.6 160A                          | 10        |
|       | T-8885   | 11.835.201.1551     | Z4022      | Swirl Gas Cap 2.2      | 10        | 13.  | T-10011                                                       | 11.843.111.614     | S2514X     | Nozzle 1.4 120A                          | 5         |
|       | T-8633   | 11.835.201.1581     | Z4025      | Swirl Gas Cap 2.5      | 10        |      | T-9926                                                        | 11.843.111.616     | S2516X     | Nozzle 1.6 140A                          | 5         |
|       | T-8634   | 11.835.201.1591     | Z4030      | Swirl Gas Cap 3.0      | 10        |      | T-9927                                                        | 11.843.111.618     | S2518X     | Nozzle 1.8 160A                          | 5         |
| 3.    | T-8650   | 11.835.401.1571     | Z4140      | Swirl Gas Cap 4.0      | 10        | 14.  | T-10272                                                       | 11.842.621.407     | R2007      | Nozzle 0.7 35A (3D)                      | 10        |
| 4.    | T-9928   | 11.835.411.1581     | Z4530      | Swirl Gas Cap 3.0      | 10        | 15.  | T-10252                                                       | 11.842.621.408     | R2008      | Nozzle 0.8 50A (3D)                      | 10        |
|       | T-10153  | 11.835.411.1580     | Z4535      | Swirl Gas Cap 3.5      | 10        | OD   | T-10273                                                       | 11.842.621.409     | R2009      | Nozzle 0.9 70A (3D)                      | 5         |
|       | T-9929   | 11.835.411.1591     | Z4540      | Swirl Gas Cap 4.0      | 10        |      | T-10274                                                       | 11.842.621.410     | R2010      | Nozzle 1.0 80A (3D)                      | 5         |
| 5.    | T-10279  | 11.838.001.1571     | Y4020      | Swirl Gas Cap 2.0 (3D) | 5         |      | T-10275                                                       | 11.842.621.411     | R2011      | Nozzle 1.1 90A (3D)                      | 10        |
| 6.    | T-10294  | 11.842.601.157      | R4020      | Swirl Gas Cap 2.0 (3D) | 5         |      | T-10276                                                       | 11.842.621.412     | R2012      | Nozzle 1.2 100A (3D)                     | 10        |
|       | T-10278  | 11.842.601.155      | R4022      | Swirl Gas Cap 2.2 (3D) | 5         |      | T-10277                                                       | 11.842.621.414     | R2014      | Nozzle 1.4 130A (3D)                     | 10        |
|       | T-10280  | 11.842.601.158      | R4025      | Swirl Gas Cap 2.5 (3D) | 5         | 16.  | T-8623                                                        | 11.835.221.153     | Z101       | Swirl Ring 0.4 (3×CW)                    | 1         |
| OD    | T-10303  | 11.842.701.158      | R4130      | Swirl Gas Cap 3.0 (3D) | 5         | 17.  | T-8886                                                        | 11.835.221.154     | Z102       | Swirl Ring 0.4 (2×CW)                    | 1         |
|       | T-10302  | 11.842.701.159      | R4140      | Swirl Gas Cap 4.0 (3D) | 5         | 18.  | T-9287                                                        | 11.834.321.153K    | Z111       | Swirl Ring, Ceramic                      | 1         |
| 7.    | T-8887   | 11.842.401.160      | S3004      | Nozzle Cap 0.4         | 1         |      | T-8618                                                        | 11.834.321.153     | Z111       | Swirl Ring, Vespel®                      | 1         |
|       | T-8888   | 11.842.401.162      | S3008      | Nozzle Cap 0.8         | 1         | 19.  | T-8655                                                        | 11.835.421.303     | Z111A      | Spacer                                   | 2         |
| 8.    | T-8889   | 11.842.401.1622     | S3028      | Nozzle Cap 0.8         | 1         | 20.  | T-4920                                                        | 11.843.021.320-AG  | S002Y      | Cathode, SilverEX-®                      | 5         |
|       | T-10208  | 11.842.401.1624     | S3048      | Nozzle Cap 0.8         | 1         | 21.  | T-11204*                                                      | 11.843.021.320-PRO | S002Y      | Cathode, Silver PRO                      | 5         |
| 9.    | T-10328  | 11.842.401.1621     | S3018      | Nozzle Cap 0.8         | 1         | 22.  | T-4924                                                        | 11.843.121.310-AG  | S012X      | Cathode, SilverEX-®                      | 5         |
| OD 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         |
| OD NS | T-10251  | 11.842.601.1622 OEM | R3028      | Nozzle Cap 0.8 (3D)    | 1         | 24.  | T-9924                                                        | 11.842.411.510     | S042       | Cathode, HiFinex™ (i)                    | 5         |
| 10.   | T-10000  | 11.843.021.406      | S2006X     | Nozzle 0.6 25A         | 10        | 25.  | T-9925                                                        | 11.842.511.510     | S052       | Cathode, FineFocus® (i)                  | 5         |
|       | T-10001  | 11.843.021.407      | S2007X     | Nozzle 0.7 35A         | 10        | 26.  | T-4931                                                        | 11.842.621.310-AG  | R002       | Cathode, XL, O <sub>2</sub> , SilverEX-® | 5         |
| 11.   | T-10002  | 11.843.021.408      | S2008X     | Nozzle 0.8 50/60A      | 10        | 27.  | T-11851                                                       | 11.842.621.310-PRO | R002       | Cathode, XL, O <sub>2</sub> , Silver PRO | 5         |
|       | T-10003  | 11.843.021.409      | S2009X     | Nozzle 0.9 70/80A      | 10        | 28.  | T-11839                                                       | 11.842.721.310-AG  | R012       | Cathode, O <sub>2</sub> , SilverEX-®     | 5         |
|       | T-10004  | 11.843.021.410      | S2010X     | Nozzle 1.0 80/90A      | 10        | 29.  | T-10207                                                       | 11.842.401.152     | S901       | Cooling Tube                             | 1         |
|       | T-9699   | 11.843.021.411      | S2011X     | Nozzle 1.1 90/100A     | 10        | 30.  | T-11161                                                       | 11.842.601.152     | R901       | Cooling Tube                             | 1         |
|       | T-10005  | 11.843.021.412      | S2012X     | Nozzle 1.2 100/130A    | 10        | 31.  | T-11322                                                       | 12.40320           |            | Wrench for Swirl Ring                    | 1         |
|       | T-10006  | 11.843.021.414      | S2014X     | Nozzle 1.4 130/160A    | 10        | 32.  | Torches, cable leads. See following pages for details.        |                    |            |                                          |           |
|       | T-10007  | 11.843.021.416      | S2016X     | Nozzle 1.6 160A        | 10        | 33.  | Coolant Liquid. Details on the page 148, section Accessories. |                    |            |                                          |           |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

**(i)** THIS PART MAY NOT BE DISTRIBUTED ON THE GERMAN MARKET. THERMACUT® ACCEPTS NO RESPONSIBILITY IN CASE OF INDIRECT SALES TO GERMANY.

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

**NS** NOT SHOWN IN THE PICTURE

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

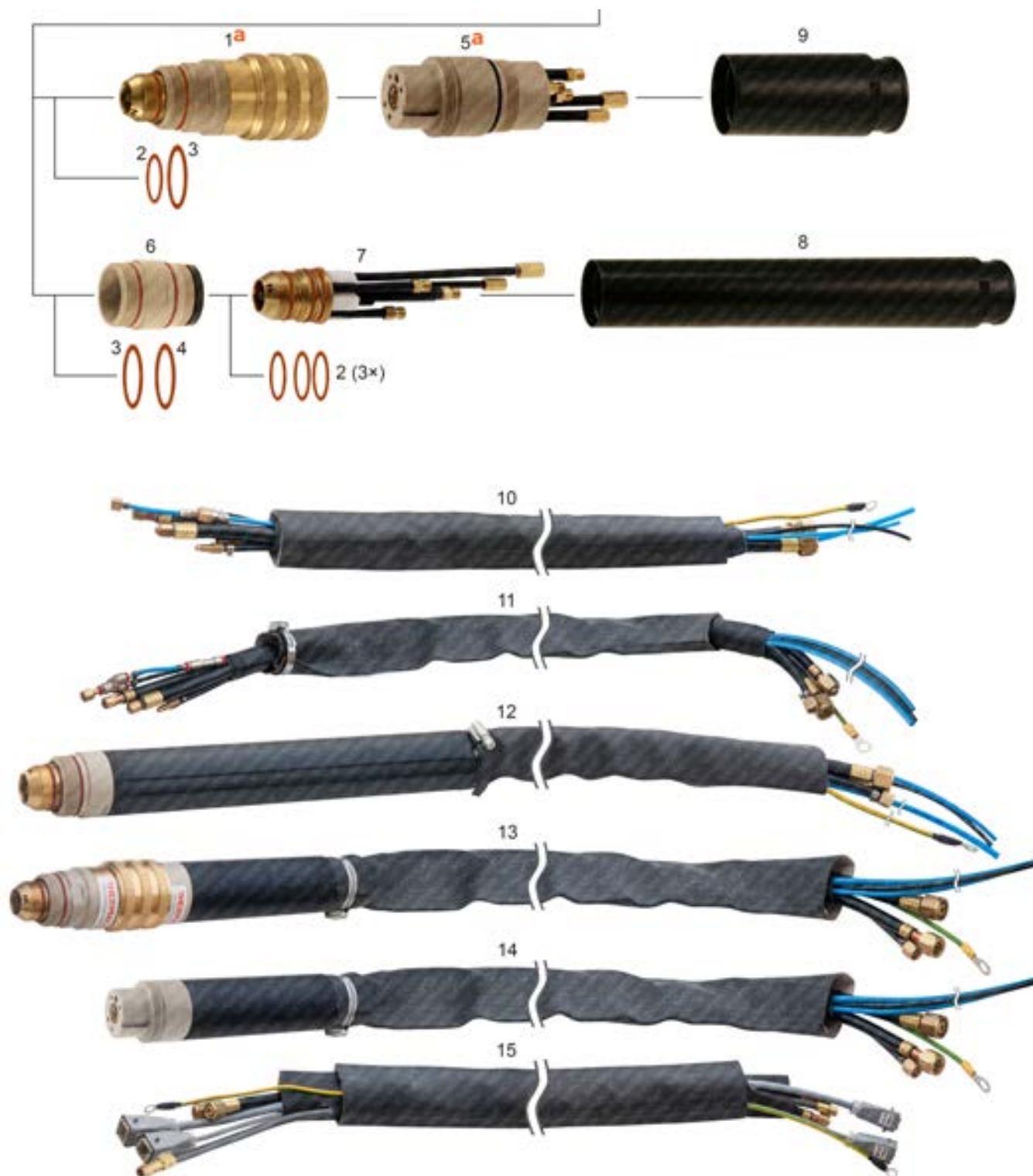
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®  
HiFocus® 160i  
PerCut® 160 / PerCut® 170 TORCHES AND CABLE LEADS**



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

| Item        | Part No. | Ref. No.          | Description                               | Std. Pkg. | Item                                                | Part No. | Ref. No.              | Description                                 | Std. Pkg. |
|-------------|----------|-------------------|-------------------------------------------|-----------|-----------------------------------------------------|----------|-----------------------|---------------------------------------------|-----------|
| <b>a</b> 1. | T-10174  | 11.843.021.100-UR | PerCut® 170 Front Part                    | 1         |                                                     | KT-1179  | 11.842.421.700A       | PerCut® 160-2 Cable Leads 1.75m             | 1         |
| 2.          | N-12300  | 10.505.916        | O-Ring                                    | 1         | 11.                                                 | KT-1220  | K.PERCUT170-2.1,75M.K | PerCut® 170-2 Cable Leads 1.75m             | 1         |
| 3.          | T-8640   | 10.505.946        | O-Ring                                    | 10        | 12.                                                 | KT-1051  | 11.842.421.1015       | PerCut® 160-2 Mach. Torch with Leads 1.75m  | 1         |
| 4.          | N-18132  | N-18132           | O-Ring                                    | 1         | 13.                                                 | KT-1064  | 11.843.021.1015-UR    | PerCut® 170-2-UR Mach. Torch w/ Leads 1.75m | 1         |
| <b>a</b> 5. | T-10175  | 11.822.583-UR     | PerCut® 170 Adaptor                       | 1         |                                                     | KT-1065  | K.PERCUT170.3M        | PerCut® 170-2-UR Mach. Torch with Leads 3m  | 1         |
| 6.          | T-10282  | 11.842.221.100-10 | Tube PerCut® 160                          | 1         |                                                     | KT-1218  | K.PERCUT170-2.6M      | PerCut® 170-2-UR Mach. Torch with Leads 6m  | 1         |
| 7.          | T-9933   | 11.842.221.100    | Torch PerCut® 160                         | 1         | 14.                                                 | KT-1265  | K.PERCUT170-2.A       | PerCut® 170 Adaptor with Leads 1.75m        | 1         |
| 8.          | T-9857   | 11.842.421.250    | Tube PerCut® 160                          | 1         | 15.                                                 | KT-1381  | 11.825.710.1          | PBL-H160 Lead Set, 10m                      | 1         |
| 9.          | T-10176  | 11.843.021.250    | Tube PerCut® 170                          | 1         |                                                     | KT-1308  | 11.825.715.1          | PBL-H160 Lead Set, 15m                      | 1         |
| NS          | T-9755   | 11.835.201.077    | Clamping Bush                             | 1         | Different types of cable leads available on request |          |                       |                                             |           |
| NS          | T-9756   | 11.835.201.076    | Outer Bush                                | 1         |                                                     |          |                       |                                             |           |
| 10.         | KT-1271  | K.PERCUT160.1,5M  | PerCut® 160-2 Mach. Torch with Leads 1.5m | 1         |                                                     |          |                       |                                             |           |

**a** THERMACUT® TORCH & ADAPTOR HAVE TO BE USED AS A SET, CONECTORS ARE NOT COMPATIBLE WITH OEM CONECTORS.  
**NS** NOT SHOWN IN THE PICTURE  
**W/** WITH

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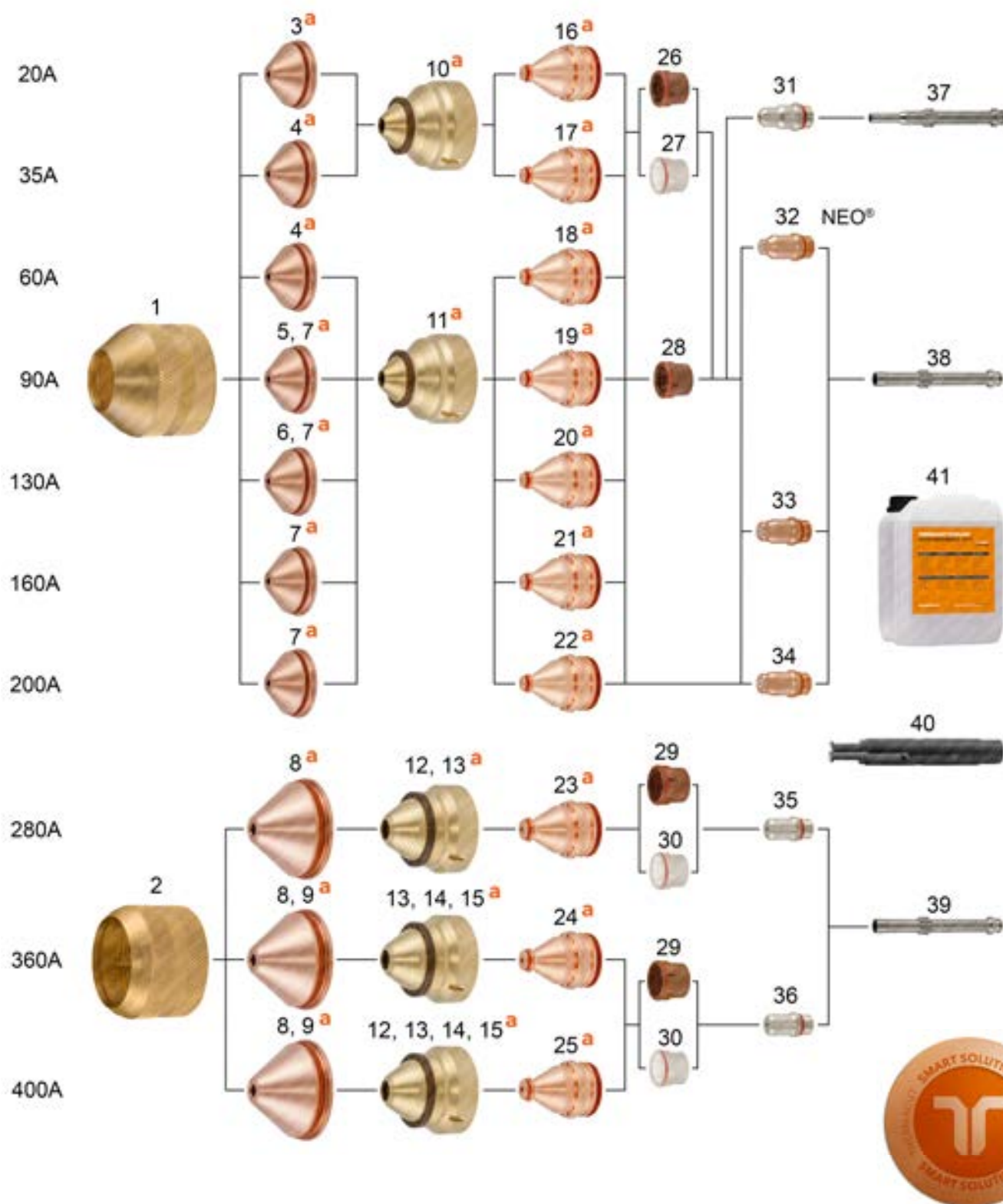
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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

PRODUCT BROCHURE WITH DETAILS AT  
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| Item  | Part No. | Ref. No.           | Sh.Ref.No. | Description                   | Std. Pkg. | Item  | Part No.                                                      | Ref. No.           | Sh.Ref.No. | Description           | Std. Pkg. |
|-------|----------|--------------------|------------|-------------------------------|-----------|-------|---------------------------------------------------------------|--------------------|------------|-----------------------|-----------|
| 1.    | T-11221  | 11.848.201.081     | G501       | Protection Cap 20-200A        | 1         | a 21. | T-11357                                                       | 11.848.221.414-UR  | G2014Y     | Nozzle 1.4mm 160A     | 1         |
|       | T-12010  | 11.852.201.081     | G502       | P. Cap 20-200A, PerCut® 451M  | 1         | a 22. | T-11358                                                       | 11.848.221.416-UR  | G2016Y     | Nozzle 1.6mm 200A     | 1         |
| 2.    | T-11227  | 11.848.401.081     | G521       | Protection Cap 280-400A       | 1         | a     | T-11835                                                       | 11.848.221.417-UR  | G2017Y     | Nozzle 1.7mm 200A     | 1         |
|       | T-12011  | 11.852.401.081     | G522       | P. Cap 280-440A, PerCut® 451M | 1         | a 23. | T-11359                                                       | 11.848.421.426-UR  | G2326Y     | Nozzle 2.6mm 280A     | 1         |
| a 3.  | T-11368  | 11.848.201.1515-UR | G4015      | Swirl Gas Cap 20A             | 10        | a 24. | T-11360                                                       | 11.848.421.430-UR  | G2330Y     | Nozzle 3.0mm 360A     | 1         |
| a 4.  | T-11369  | 11.848.201.1520-UR | G4020      | Swirl Gas Cap 35/60A          | 10        | a 25. | T-11361                                                       | 11.848.421.431-UR  | G2331Y     | Nozzle 3.1mm 400A     | 1         |
| a 5.  | T-11371  | 11.848.201.1525-UR | G4025      | Swirl Gas Cap 90A             | 10        | 26.   | T-11223                                                       | 11.848.221.145     | G101       | Swirl Ring            | 1         |
| a 6.  | T-11370  | 11.848.201.1522-UR | G4022      | Swirl Gas Cap 130A            | 10        | 27.   | T-12626                                                       | 11.848.221.145C    | G101C      | Swirl Ring Ceramic    | 1         |
| a 7.  | T-11372  | 11.848.201.1530-UR | G4030      | Swirl Gas Cap 90-200A         | 10        | 28.   | T-11224                                                       | 11.848.221.146     | G102       | Swirl Ring            | 1         |
| a     | T-11968  | 11.848.201.1535-UR | G4035      | Swirl Gas Cap 200A            | 10        | 29.   | T-11230                                                       | 11.848.421.145     | G121       | Swirl Ring            | 1         |
| a     | T-11969  | 11.848.201.1540-UR | G4040      | Swirl Gas Cap 200A            | 10        |       | T-11231                                                       | 11.848.421.149     | G125       | Swirl Ring            | 1         |
| a 8.  | T-11373  | 11.848.401.1550-UR | G4350      | Swirl Gas Cap 280-400A        | 1         | 30.   | T-12627                                                       | 11.848.421.145C    | G121C      | Swirl Ring Ceramic    | 1         |
| a 9.  | T-11374  | 11.848.401.1555-UR | G4355      | Swirl Gas Cap 360-400A        | 1         | 31.   | T-11225*                                                      | 11.848.221.300-AG  | G002Y      | Cathode, SilverEX-®   | 5         |
| a 10. | T-11362  | 11.848.201.1604-UR | G3004      | Retaining Cap 20-35A          | 1         | 32.   | T-11858                                                       | 11.848.231.320-PRO | G011Y      | Cathode, Silver PRO   | 5         |
| a 11. | T-11363  | 11.848.201.1628-UR | G3028      | Retaining Cap 60-200A         | 1         | 33.   | T-11859                                                       | 11.848.231.350-PRO | G015Y      | Cathode, Silver PRO   | 5         |
| a 12. | T-11367  | 11.848.401.1649-UR | G3249      | Retaining Cap 280/400A        | 1         | 34.   | T-11860                                                       | 11.848.231.360-PRO | G016Y      | Cathode, Silver PRO   | 5         |
| a 13. | T-11365  | 11.848.401.1619-UR | G3219      | Retaining Cap 280-400A        | 1         | 35.   | T-11232*                                                      | 11.848.421.310-AG  | G032Y      | Cathode, SilverEX-®   | 5         |
| a 14. | T-11366  | 11.848.401.1629-UR | G3229      | Retaining Cap 360/400A        | 1         | 36.   | T-11233*                                                      | 11.848.421.330-AG  | G034Y      | Cathode, SilverEX-®   | 5         |
| a 15. | T-11364  | 11.848.401.1609-UR | G3209      | Retaining Cap 360/400A        | 1         | 37.   | T-11222                                                       | 11.848.201.142     | G901Y      | Cooling Tube 20-200A  | 1         |
| a 16. | T-11352  | 11.848.221.406-UR  | G2006Y     | Nozzle 0.6mm 20A              | 1         | 38.   | T-11847                                                       | 11.852.201.142     | G902Y      | Cooling Tube          | 1         |
| a 17. | T-11353  | 11.848.221.407-UR  | G2007Y     | Nozzle 0.7mm 35A              | 1         | 39.   | T-11228                                                       | 11.848.401.142     | G931Y      | Cooling Tube 280-400A | 1         |
| a 18. | T-11354  | 11.848.221.408-UR  | G2008Y     | Nozzle 0.8mm 60A              | 1         | 40.   | T-11322                                                       | 12.40320           |            | Wrench for Swirl Ring | 1         |
| a 19. | T-11355  | 11.848.221.410-UR  | G2010Y     | Nozzle 1.0mm 90A              | 1         | 41.   | Coolant Liquid. Details on the page 148, section Accessories. |                    |            |                       |           |
| a 20. | T-11356  | 11.848.221.412-UR  | G2012Y     | Nozzle 1.2mm 130A             | 1         |       |                                                               |                    |            |                       |           |

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a 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

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

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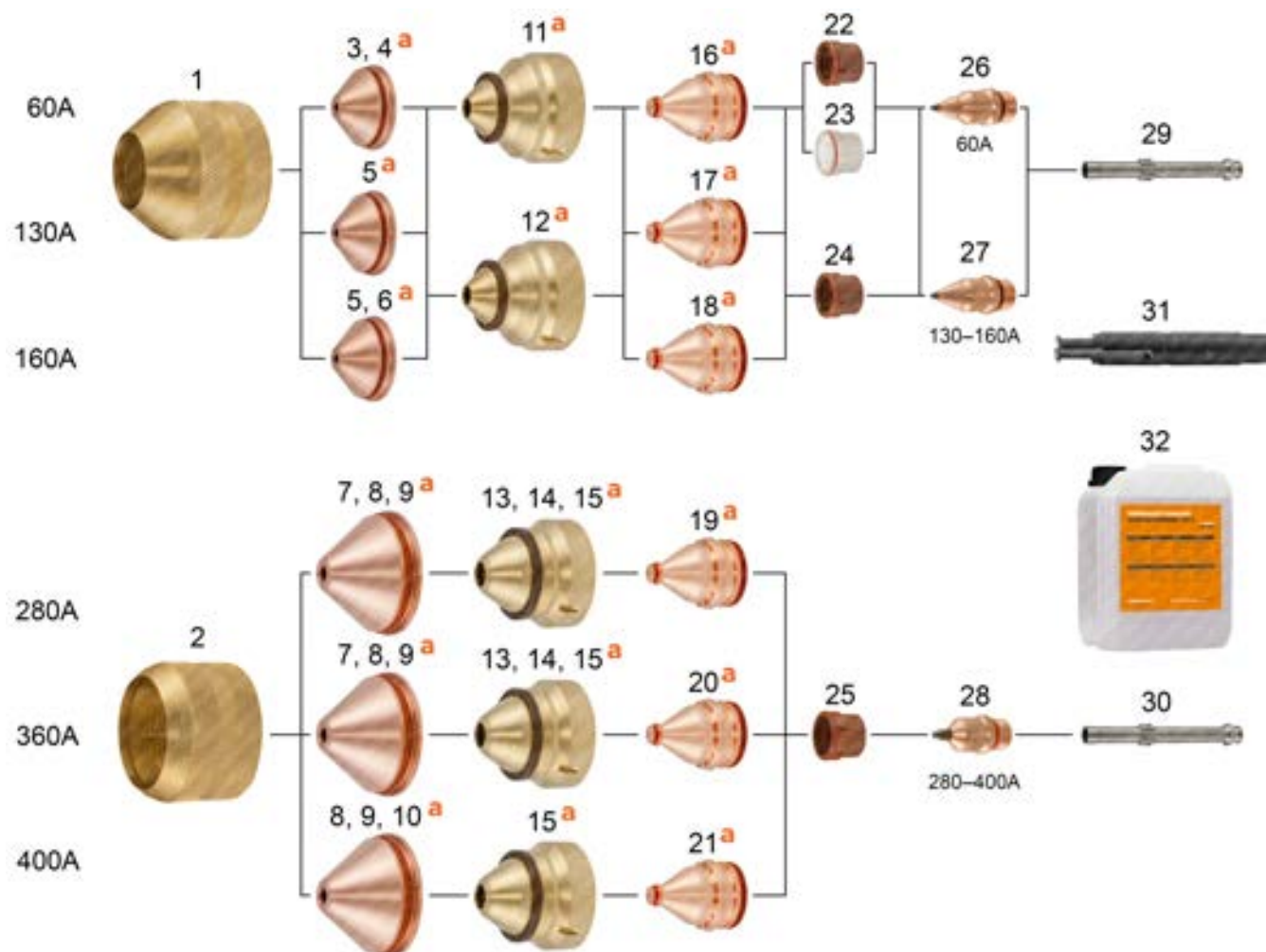
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HiFocus® 160i, HiFocus® 161i, HiFocus® 280i, HiFocus® 360i, HiFocus® 440i  
PerCut® 200 / 201 / 210 / 211 / 450M / 451M STAINLESS STEEL



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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

PRODUCT BROCHURE WITH DETAILS AT  
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| Item  | Part No. | Ref. No.           | Sh.Ref.No. | Description                       | Std. Pkg. | Item  | Part No.                                                      | Ref. No.          | Sh.Ref.No. | Description           | Std. Pkg. |
|-------|----------|--------------------|------------|-----------------------------------|-----------|-------|---------------------------------------------------------------|-------------------|------------|-----------------------|-----------|
| 1.    | T-11221  | 11.848.201.081     | G501       | Protection Cap 60-160A            | 1         | a 17. | T-12006                                                       | 11.848.311.614-UR | G2514      | Nozzle 1.4mm 130A (i) | 1         |
| 2.    | T-11227  | 11.848.401.081     | G521       | Protection Cap 280-440A           | 1         | a 18. | T-12007                                                       | 11.848.311.615-UR | G2515      | Nozzle 1.5mm 160A (i) | 1         |
| a 3.  | T-11370  | 11.848.201.1522-UR | G4022      | Swirl Gas Cap 60A (1-5mm)         | 10        | a 19. | T-11995                                                       | 11.848.411.625-UR | G2725      | Nozzle 2.5mm 280A (i) | 1         |
| a 4.  | T-11371  | 11.848.201.1525-UR | G4025      | Swirl Gas Cap 60A (6mm)           | 10        | a 20. | T-12009                                                       | 11.848.411.627-UR | G2727      | Nozzle 2.7mm 360A (i) | 1         |
| a 5.  | T-11372  | 11.848.201.1530-UR | G4030      | Swirl Gas Cap 130/160A (5-20mm)   | 10        | a 21. | T-12005                                                       | 11.848.411.629-UR | G2729      | Nozzle 2.9mm 440A (i) | 1         |
| a 6.  | T-11968  | 11.848.201.1535-UR | G4035      | Swirl Gas Cap 160A (12-15mm)      | 10        | 22.   | T-11223                                                       | 11.848.221.145    | G101       | Swirl Ring 60A        | 1         |
| a 7.  | T-12001  | 11.848.401.1535-UR | G4335      | Swirl Gas Cap 280/360A (15-30mm)  | 1         | 23.   | T-12626                                                       | 11.848.221.145C   | G101C      | Swirl Ring Ceramic    | 1         |
| a 8.  | T-12003  | 11.848.401.1540-UR | G4340      | Swirl Gas Cap 280-440A (20-40mm)  | 1         | 24.   | T-11998                                                       | 11.848.221.149    | G105       | Swirl Ring 130/160A   | 1         |
| a 9.  | T-12002  | 11.848.401.1545-UR | G4345      | Swirl Gas Cap 280-440A (40-80mm)  | 1         | 25.   | T-11231                                                       | 11.848.421.149    | G125       | Swirl Ring 280-440A   | 1         |
| a 10. | T-11373  | 11.848.401.1550-UR | G4350      | Swirl Gas Cap 440A (80-120mm)     | 1         | 26.   | T-12000                                                       | 11.848.211.510    | G042       | Cathode 60A (i)       | 5         |
| a 11. | T-11997  | 11.848.201.1608-UR | G3008      | Retaining Cap 35-80A (1-10mm)     | 1         | 27.   | T-11999                                                       | 11.848.311.510    | G052       | Cathode 130/160A (i)  | 5         |
| a 12. | T-11996  | 11.848.201.1618-UR | G3018      | Retaining Cap 130/160A (5-20mm)   | 1         | 28.   | T-12004                                                       | 11.848.411.500    | G071       | Cathode 280-440A (i)  | 5         |
| a 13. | T-11366  | 11.848.401.1629-UR | G3229      | Retaining Cap 280/360A (15-20mm)  | 1         | 29.   | T-12008                                                       | 11.848.211.142    | G941       | Cooling Tube 60-160A  | 1         |
| a 14. | T-11365  | 11.848.401.1619-UR | G3219      | Retaining Cap 280/360A (20-30mm)  | 1         | 30.   | T-11229                                                       | 11.848.411.142    | G971       | Cooling Tube 280-440A | 1         |
| a 15. | T-11364  | 11.848.401.1609-UR | G3209      | Retaining Cap 280/440A (40-120mm) | 1         | 31.   | T-11322                                                       | 12.40320          |            | Wrench for Swirl Ring | 1         |
| a 16. | T-11355  | 11.848.221.410-UR  | G2010Y     | Nozzle 1.0mm 60A (i)              | 1         | 32.   | Coolant Liquid. Details on the page 148, section Accessories. |                   |            |                       |           |

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

(i) THIS PARTS MAY NOT BE DISTRIBUTED ON THE GERMAN MARKET. THERMACUT® ACCEPTS NO RESPONSIBILITY IN CASE OF INDIRECT SALES TO GERMANY.

a 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

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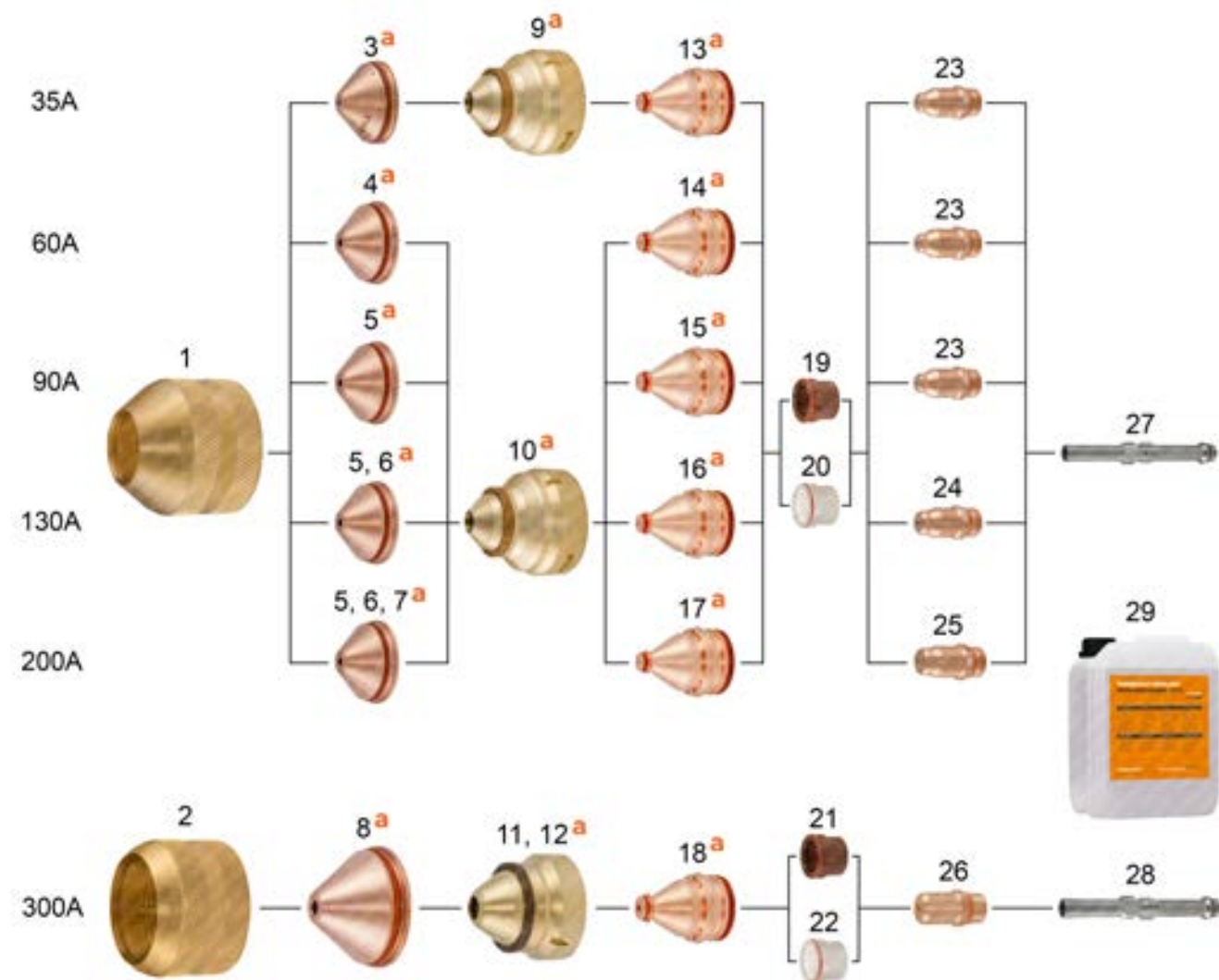
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

Smart Focus® 300  
PerCut® 2000/4000



Last update of this page: 10/10/2021. See Revision history for details.

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG® Smart Focus® 300 PerCut® 2000/4000

| Item | Part No. | Ref. No.           | Sh.Ref.No. | Description             | Std. Pkg. | Item | Part No.                                                      | Ref. No.           | Sh.Ref.No. | Description          | Std. Pkg. |
|------|----------|--------------------|------------|-------------------------|-----------|------|---------------------------------------------------------------|--------------------|------------|----------------------|-----------|
| *1.  | T-13198* | 11.855.401.081-UR  | F501       | Protection Cap 35-200A  | 1         | a17. | T-12287                                                       | 11.855.401.417-UR  | F2017      | Nozzle 200A          | 10        |
| *2.  | T-13199* | 11.855.421.081-UR  | F521       | Protection Cap 300-400A | 1         | a18. | T-12295                                                       | 11.855.421.427-UR  | F2227      | Nozzle 300A          | 10        |
| a 3. | T-12288  | 11.855.411.1520-UR | F4120      | Shield 35A              | 1         | 19.  | T-11223                                                       | 11.848.221.145     | G101       | Swirl Ring           | 1         |
| a 4. | T-12275  | 11.855.401.1520-UR | F4020      | Shield 55-60A           | 1         | 20.  | T-12626                                                       | 11.848.221.145C    | G101C      | Swirl Ring Ceramic   | 1         |
| a 5. | T-12276  | 11.855.401.1530-UR | F4030      | Shield 90-200A          | 1         | 21.  | T-11230                                                       | 11.848.421.145     | G121       | Swirl Ring           | 1         |
| a 6. | T-12277  | 11.855.401.1535-UR | F4035      | Shield 130-200A         | 1         | 22.  | T-12627                                                       | 11.848.421.145C    | G121C      | Swirl Ring Ceramic   | 1         |
| a 7. | T-12278  | 11.855.401.1540-UR | F4040      | Shield 200A             | 1         | 23.  | T-12289                                                       | 11.855.411.320-PRO | F012       | Cathode 35-90A       | 10        |
| a 8. | T-12291  | 11.855.421.1550-UR | F4250      | Shield 300A             | 1         | 24.  | T-12281                                                       | 11.855.401.350     | F005       | Cathode 130-160A     | 10        |
| a 9. | T-12279  | 11.855.401.1604-UR | F3004      | Nozzle Cup 35A          | 1         | 25.  | T-12282                                                       | 11.855.401.360     | F006       | Cathode 200A         | 10        |
| a10. | T-12280  | 11.855.401.1628-UR | F3028      | Nozzle Cup 60-200A      | 1         | 26.  | T-12294                                                       | 11.855.421.320     | F022       | Cathode 300A         | 10        |
| a11. | T-12292  | 11.855.421.1619-UR | F3219      | Nozzle Cup 300A         | 1         | 27.  | T-12274                                                       | 11.855.401.142     | F902       | Cooling Tube 35-200A | 1         |
| a12. | T-12293  | 11.855.421.1649-UR | F3249      | Nozzle Cup 300A         | 1         | 28.  | T-12290                                                       | 11.855.421.141     | F921       | Cooling tube 300A    | 1         |
| a13. | T-12283  | 11.855.401.407-UR  | F2007      | Nozzle 35A              | 10        | 29.  | Coolant Liquid. Details on the page 148, section Accessories. |                    |            |                      |           |
| a14. | T-12284  | 11.855.401.408-UR  | F2008      | Nozzle 60A              | 10        |      |                                                               |                    |            |                      |           |
| a15. | T-12285  | 11.855.401.410-UR  | F2010      | Nozzle 90A              | 10        |      |                                                               |                    |            |                      |           |
| a16. | T-12286  | 11.855.401.412-UR  | F2012      | Nozzle 130A             | 10        |      |                                                               |                    |            |                      |           |

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a 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

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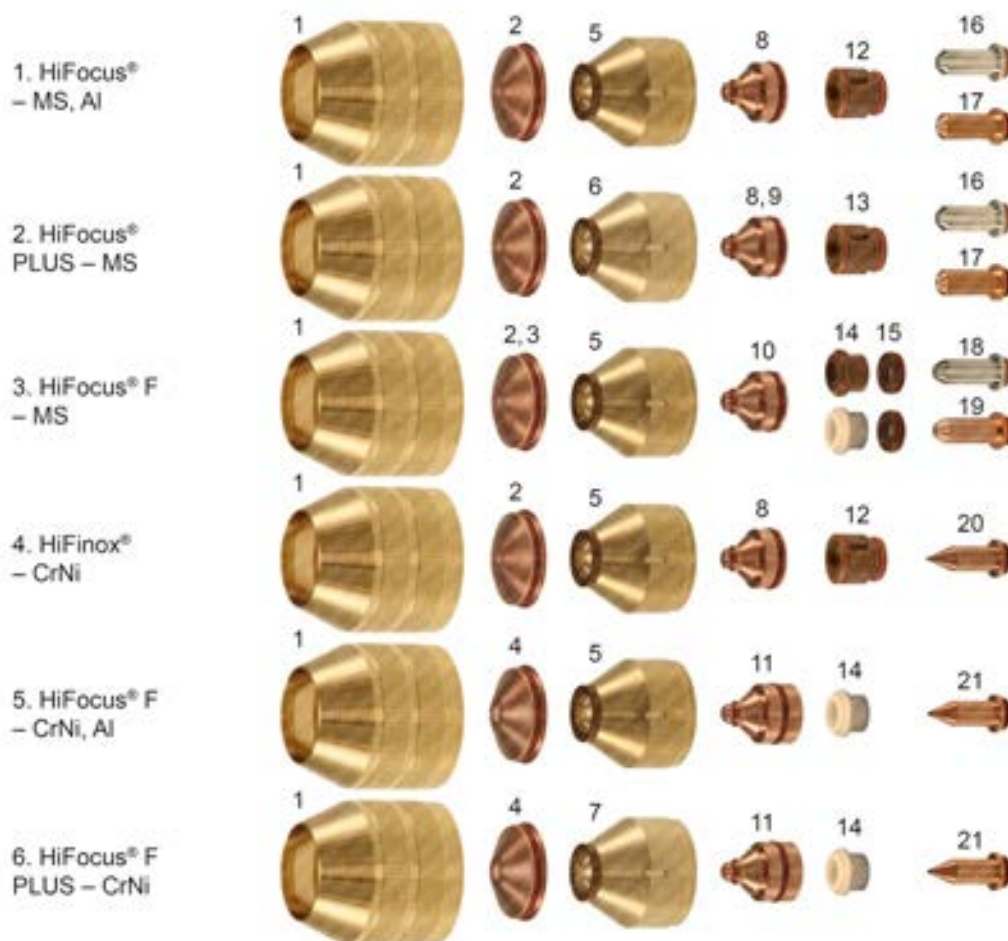
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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

### REPLACEMENT PARTS SUITABLE FOR PerCut® 370.1



### REPLACEMENT PARTS SUITABLE FOR PerCut® 370.2



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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

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

## REPLACEMENT PARTS SUITABLE FOR PerCut® 370.1

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

## REPLACEMENT PARTS SUITABLE FOR PerCut® 370.2

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

- OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.
- (i)** THIS PART MAY NOT BE DISTRIBUTED ON THE GERMAN MARKET. THERMACUT® ACCEPTS NO RESPONSIBILITY IN CASE OF INDIRECT SALES TO GERMANY.
- \*** FULLY INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS, BUT DIFFERS FROM ORIGINAL DESIGN
- \*\*** A UNIQUE DESIGN WHICH ENHANCES PERFORMANCE AND DIFFERS FROM OEM DESIGNS
- CCW** COUNTER CLOCK WISE GAS SWIRLING, USE OF CCW PARTS WILL MAKE CUT ANGLE ON THE OPPOSITE SIDE, THAN WITH STANDARD CLOCK WISE (CW) SWIRLING PARTS.
- PRO** TECHNOLOGY OF SILVER INSERTED COPPER ELECTRODE BODY, WHICH SIGNIFICANTLY DECREASES ELECTRODE COSTS WITH SIMILAR WORK PERFORMANCE COMPARED TO FULL SILVER ELECTRODES.

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR KJELLBERG®

FineFocus® 800 / FineFocus® 900

PA-S75™/PB-S75™/PB-S76™/PB-S77™



| Item | Part No. | Ref. No.        | Sh.Ref.No. | Description                     | Std. Pkg. | Item    | Part No. | Ref. No.          | Sh.Ref.No. | Description                                                   | Std. Pkg. |
|------|----------|-----------------|------------|---------------------------------|-----------|---------|----------|-------------------|------------|---------------------------------------------------------------|-----------|
| 1.   | T-10591  | 11.833.101.1550 | V4330      | Swirl Gas Cap 3.0               | 1         |         | T-11301  | 11.828.901.425    | L2 XL      | Nozzle 250A, Air/O <sub>2</sub>                               | 10        |
|      | T-10220  | 11.833.101.155  | V4335      | Swirl Gas Cap 3.5               | 1         |         | T-10247  | 11.828.901.427    | L4XL       | Nozzle 300A, Air/O <sub>2</sub>                               | 5         |
|      | T-10221  | 11.833.101.156  | V4340      | Swirl Gas Cap 4.0               | 1         |         | T-10588  | 12.40850          | L2         | Nozzle 250A PB-S75™ WH                                        | 5         |
|      | T-10222  | 11.833.101.157  | V4345      | Swirl Gas Cap 4.5               | 1         | 5.      | T-10369  | 12.40860          |            | Swirl Ring, Air/O <sub>2</sub> , PB-S75™                      | 5         |
|      | T-10223  | 11.833.101.158  | V4350      | Swirl Gas Cap 5.0               | 1         | 6.      | T-4932   | 11.828.921.300-AG | K2-XL      | Cathode, O <sub>2</sub> /Air, SilverEX-®, PB-S76™, PB-S75™    | 5         |
|      | T-10224  | 11.833.101.159  | V4360      | Swirl Gas Cap 6.0               | 1         |         | T-4933   | 11.833.121.300-AG | K3-XL      | Cathode, O <sub>2</sub> /Air, SilverEX-®, PB-S77™             | 5         |
| 2.   | N-18266  | 11.836.901.271  | T521       | Insulator                       | 1         | 7.      | T-10225  | 12.40870          | K2         | Cathode, Air/O <sub>2</sub> , PB-S75™ WH                      | 5         |
| 2a.  | N-18371  | N-18371         |            | O-Ring                          | 1         | 8.      | T-10564  | 12.38180          |            | Wrench for Cooling Tube                                       | 1         |
| 3.   | T-10219  | 12.37790        |            | Nozzle Cap PB-S75™              | 1         | 9.      |          |                   |            | Coolant Liquid. Details on the page 148, section Accessories. |           |
| 4.   | T-8927   | 11.828.901.420  | L1 XL      | Nozzle 160A, Air/O <sub>2</sub> | 10        | 10.-11. |          |                   |            | Not available any more – OEM only.                            |           |

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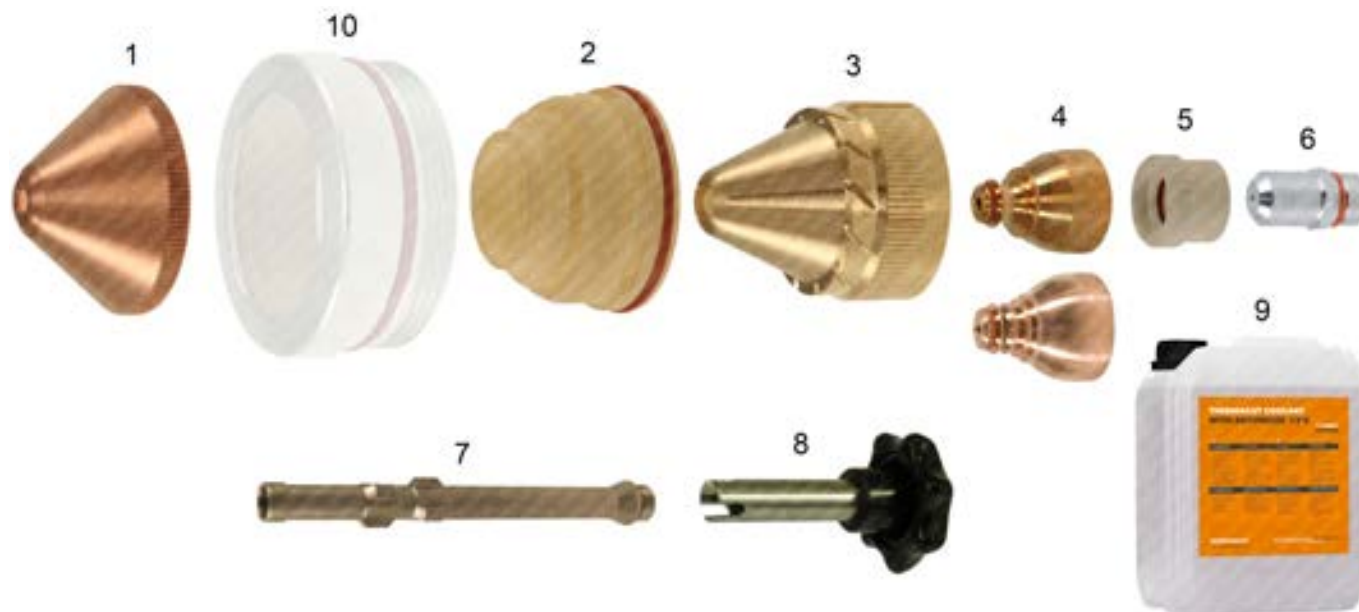
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
KJELLBERG®**  
**FineFocus® 800 / FineFocus® 900**  
**PB-S80™**



| Item | Part No. | Ref. No.        | Sh.Ref.No. | Description                                            | Std. Pkg. | Item | Part No.                                                      | Ref. No.          | Sh.Ref.No. | Description                                        | Std. Pkg. |
|------|----------|-----------------|------------|--------------------------------------------------------|-----------|------|---------------------------------------------------------------|-------------------|------------|----------------------------------------------------|-----------|
| 1.   | T-10591  | 11.833.101.1550 | V4330      | Swirl Gas Cap 3.0                                      | 1         |      | T-10927**                                                     | 11.846.921.415-UR | T2115Y     | Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415 | 10        |
|      | T-10220  | 11.833.101.155  | V4335      | Swirl Gas Cap 3.5                                      | 1         |      | T-10928**                                                     | 11.846.921.420-UR | T2120Y     | Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420 | 10        |
|      | T-10221  | 11.833.101.156  | V4340      | Swirl Gas Cap 4.0                                      | 1         |      | T-10929**                                                     | 11.846.921.425-UR | T2125Y     | Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425 | 10        |
|      | T-10222  | 11.833.101.157  | V4345      | Swirl Gas Cap 4.5                                      | 1         |      | T-10930**                                                     | 11.846.921.427-UR | T2127Y     | Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427 | 10        |
|      | T-10223  | 11.833.101.158  | V4350      | Swirl Gas Cap 5.0                                      | 1         |      | T-10931**                                                     | 11.846.921.430-UR | T2130Y     | Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430 | 10        |
|      | T-10224  | 11.833.101.159  | V4360      | Swirl Gas Cap 6.0                                      | 1         | 5.   | T-10466                                                       | 11.836.921.1542   | T104       | Swirl Ring (3×0.4 CW)                              | 1         |
| 2.   | N-18267  | 11.836.921.271  |            | Insulator                                              | 1         |      | T-10672                                                       | 11.836.921.153    | T101       | Swirl Ring (6×0.8 CW), Vespel®                     | 1         |
|      | N-18266  | 11.836.901.271  | T521       | Insulator                                              | 1         |      | T-10464                                                       | 11.836.921.154    | T102       | Swirl Ring (3×0.8 CW)                              | 1         |
| 2a.  | N-18371  | N-18371         |            | O-Ring                                                 | 1         | OD   | TN-0004                                                       | 11.836.921.153    | T101       | Swirl Ring (6×0.8 CW), Ceramic                     | 1         |
| 3.   | T-10214  | 11.836.901.163  | T3030      | Nozzle Cap (12×1.5 30° CW)                             | 1         | 6.   | T-10804                                                       | 11.844.921.300-AG | T012Y      | Cathode, SilverEX®, use with T902Y                 | 5         |
|      | T-10215  | 11.836.901.164  | T3045      | Nozzle Cap (12×1.5 45° CW)                             | 1         | 7.   | T-10467                                                       | 11.828.911.230    | V951       | Cooling Tube PB-S77™, PB-S80™                      | 1         |
| OD   | T-10217  | 11.836.901.1641 | T3145      | Nozzle Cap (12×1.5 45° CCW)                            | 1         |      | T-10558                                                       | 11.844.901.152    | T902Y      | Cooling Tube, use with T012Y                       | 1         |
|      | T-10216  | 11.836.901.165  | T3060      | Nozzle Cap (12×1.5 60° CW)                             | 1         | 8.   | T-10564                                                       | 12.38180          |            | Wrench for Cooling Tube                            | 1         |
| 4.   | T-10559  | 11.846.921.415  | T2115Y     | Nozzle 120A, O <sub>2</sub> , repl. 11.836.921.415 (i) | 10        | 9.   | Coolant Liquid. Details on the page 148, section Accessories. |                   |            |                                                    |           |
|      | T-10560  | 11.846.921.420  | T2120Y     | Nozzle 200A, O <sub>2</sub> , repl. 11.836.921.420 (i) | 10        | 10.  | Not available any more – OEM only.                            |                   |            |                                                    |           |
|      | T-10561  | 11.846.921.425  | T2125Y     | Nozzle 250A, O <sub>2</sub> , repl. 11.836.921.425 (i) | 10        |      |                                                               |                   |            |                                                    |           |
|      | T-10562  | 11.846.921.427  | T2127Y     | Nozzle 300A, O <sub>2</sub> , repl. 11.836.921.427 (i) | 10        |      |                                                               |                   |            |                                                    |           |
|      | T-10563  | 11.846.921.430  | T2130Y     | Nozzle 360A, O <sub>2</sub> , repl. 11.836.921.430 (i) | 10        |      |                                                               |                   |            |                                                    |           |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

**(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 CLOCK WISE (CW) SWIRLING PARTS.

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



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

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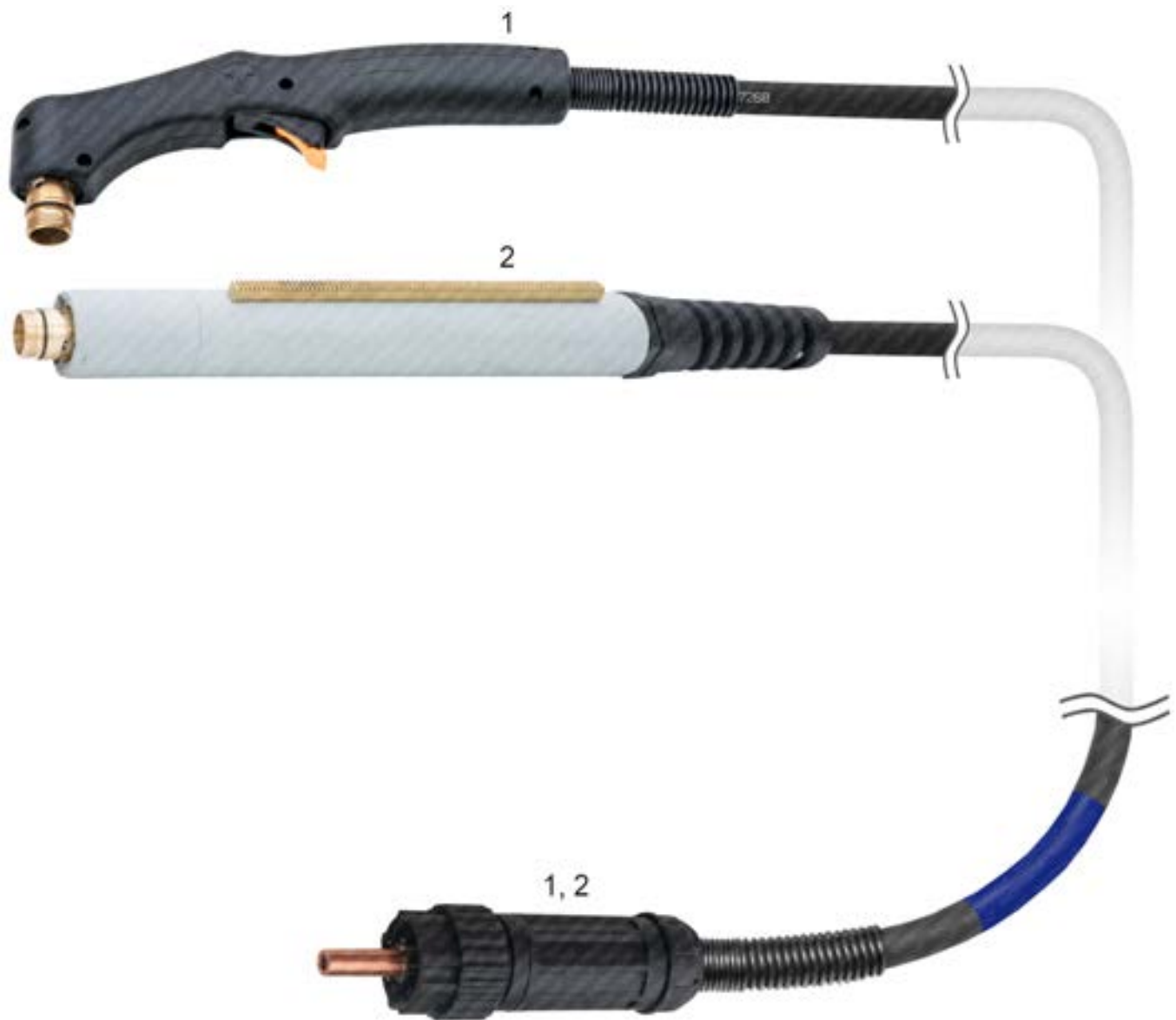
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**THERMACUT® REPLACEMENT PARTS SUITABLE FOR  
LINCOLN ELECTRIC®  
LINCOLN ELECTRIC® TH1538  
APPLICATION OF DURAMAX® TORCH TO TOMAHAWK® 1538 CUTTING SYSTEM**



List of consumables and spare parts is available in section POWERMAX® 65/85/105

| Item | Part No. | Description                                                                             |
|------|----------|-----------------------------------------------------------------------------------------|
| 1.   | T-13184  | DURAMAX® Hand Torch with Leads 8m (26,25') for Lincoln Electric® TH1538                 |
| 2.   | T-13185  | DURAMAX® Machine Torch with Leads, length 8m without Rack; for Lincoln Electric® TH1538 |

**Last update of this page: 23/03/2021. See Revision history for details.**

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



| Item  | Part No. | Ref. No. | Description      | Torch     | Std. Pkg. | Item   | Part No.                           | Ref. No. | Description                                        | Torch     | Std. Pkg. |
|-------|----------|----------|------------------|-----------|-----------|--------|------------------------------------|----------|----------------------------------------------------|-----------|-----------|
| 1.    | T-4800   | 80600088 | Distance Spring  | PLA-45,85 | 100       | 9.     | T-4807                             | 80600097 | Contact Pin                                        | PLA-45,85 | 10        |
| 2.    | T-4825   | 80640123 | Shield Cap       | PLA-45    | 10        | OD 10. | T-4808                             | 80600099 | Mounted Print                                      | PLA-45,85 | 1         |
| 3.    | T-4813   | 80630011 | Shield Cap       | PLA-85    | 100       | NS     | KT-1303                            | 80690085 | PLA-45/85™ Torch with Leads 6m (20'), centr. conn. | PLA-45,85 | 1         |
| OD 4. | T-4814   | 80630012 | Tip 1.0mm        | PLA-45,85 | 5         | 11.    | Not available any more - OEM only. |          |                                                    |           |           |
| 5.    | T-4816   | 80650005 | Torch Body, Hand | PLA-45,85 | 1         |        |                                    |          |                                                    |           |           |
| OD 6. | T-4802   | 80600092 | Handle           | PLA-45,85 | 10        |        |                                    |          |                                                    |           |           |
| 7.    | T-4806   | 80600096 | Tiping Device    | PLA-45,85 | 10        |        |                                    |          |                                                    |           |           |
| 8.    | T-7000   | 45050101 | Trigger          | PLA-45,85 | 1         |        |                                    |          |                                                    |           |           |

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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR SAF® OCP 150



| Item | Part No. | Ref. No.  | Description          | Std. Pkg. | Item | Part No. | Ref. No.     | Description                   | Std. Pkg. |
|------|----------|-----------|----------------------|-----------|------|----------|--------------|-------------------------------|-----------|
| 1.   | T-10456  | 0409-2166 | Nozzle Retaining Cap | 1         | 4.   | T-10459  | 0409-2184-UR | Electrode                     | 5         |
| NS   | T-10186  | 0409-2210 | Nozzle Retaining Cap | 1         |      | T-10460  | 0409-2184    | Electrode (replace 0409-2185) | 5         |
| 2.   | T-10449  | 0409-2171 | Nozzle 15A           | 5         |      | T-10461  | 0409-2185    | Electrode                     | 5         |
|      | T-10450  | 0409-2173 | Nozzle 30A           | 5         | 5.   | T-10455  | 0409-2154    | Cooling Tube                  | 1         |
|      | T-10451  | 0409-2174 | Nozzle 40A           | 5         | NS   | T-10020  | 0408-1282    | O-Ring                        | 10        |
|      | T-10452  | 0409-2176 | Nozzle 60A           | 5         | NS   | T-10021  | 0408-1284    | O-Ring                        | 10        |
|      | T-10453  | 0409-2183 | Nozzle 90A           | 5         | NS   | T-10138  | 0409-2167    | O-Ring                        | 10        |
|      | T-10454  | 0409-2186 | Nozzle 120A          | 5         | NS   | T-10049  | 0409-2168    | O-Ring                        | 1         |
| 3.   | T-10458  | 0409-2170 | Swirl Ring 60A       | 1         |      |          |              |                               |           |
|      | T-10457  | 0409-2169 | Swirl Ring 120A      | 1         |      |          |              |                               |           |

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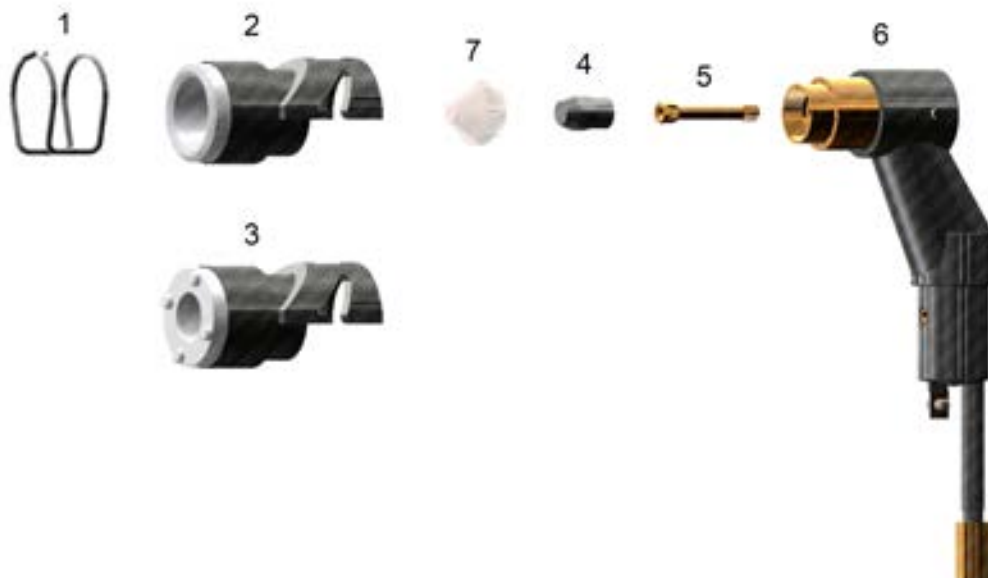
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR SAF® CP40R, CP100R



| Item | Part No. | Ref. No. | Description | Std. Pkg.                             | Item | Part No.                              | Ref. No. | Description         | Std. Pkg.                            |   |
|------|----------|----------|-------------|---------------------------------------|------|---------------------------------------|----------|---------------------|--------------------------------------|---|
| OD   | 1.       | T-0431   | 0408-2053   | Guide Wire (=W000302609)              | 10   | NS                                    | KT-1376  | K.CP40R.CP100R.6M.K | CP40R®, CP100R® Cable Leads 6m (20') | 1 |
|      | 2.       | T-8307   | 0408-2268   | Shroud (=W000302552)                  | 1    | NS                                    | KT-1062  | 0408-2050           | CP40R® Torch with Leads 6m (20')     | 1 |
|      | 3.       | T-8306   | 0408-2405   | Shroud (=W000302557)                  | 1    | NS                                    | KT-1063  | 0408-2375           | CP100R® Torch with Leads 6m (20')    | 1 |
|      | 4.       | T-3549   | 0408-2051   | Electrode, Zr (=W000302545)           | 10   | 7. Not available any more - OEM only. |          |                     |                                      |   |
|      | 5.       | T-8067   | 0408-2381   | Plunger Tube (=W000302554)            | 1    |                                       |          |                     |                                      |   |
|      | 6.       | T-1829   | 0408-2056   | Torch Body, Hand CP40R® (=W000142824) | 1    |                                       |          |                     |                                      |   |

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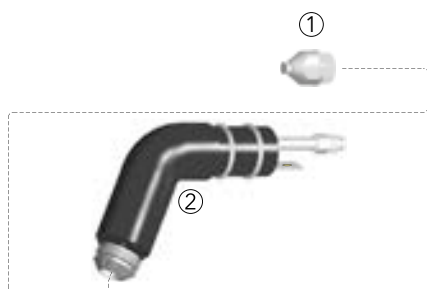
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PCH/M-51

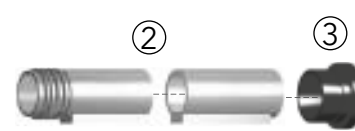


### ACCESSORIES

Hand Torch



Machine Torch



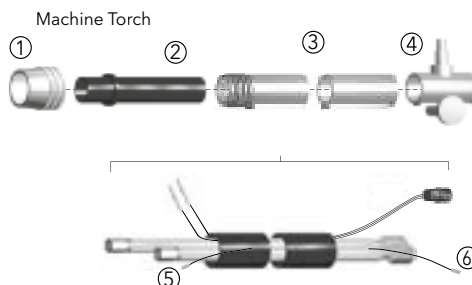
| Item | Part No. | Ref. No. | Description | Std. Pkg | Item | Part No. | Ref. No. | Description        | Std. Pkg |
|------|----------|----------|-------------|----------|------|----------|----------|--------------------|----------|
| 1.   | T-0148   | 9-5631   | Tip .043    | 10       | 2.   | T-0152   | 9-5635   | TMT-51, Hand Torch | 1        |
| NS   | T-0150   | 9-5633   | Electrode   | 10       |      |          |          |                    |          |

### ACCESSORIES

| Item | Part No. | Ref. No. | Description        | Std. Pkg | Item | Part No. | Ref. No. | Description | Std. Pkg |
|------|----------|----------|--------------------|----------|------|----------|----------|-------------|----------|
| 1.   | T-1040   | 9-5636-1 | Handle with Switch | 1        | 3.   | T-0161   | 8-4204   | Bushing     | 1        |
| 2.   | T-0159   | 8-5005   | Mounting Tube      | 1        |      |          |          |             |          |

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

### ACCESSORIES



### ACCESSORIES

| Item  | Part No. | Ref. No.   | Description     | Std. Pkg | Item | Part No. | Ref. No. | Description              | Std. Pkg |
|-------|----------|------------|-----------------|----------|------|----------|----------|--------------------------|----------|
| 1.    | T-0157   | 8-4018     | Nut             | 1        | 5.   | T-0914   | 8-4190   | Fitting (-), Torch End   | 5        |
| OD 2. | T-0183   | 9-1901     | Adapter         | 1        |      | T-0976   | 8-5085   | Ferrule                  | 1        |
| 3.    | T-0159   | 8-5005     | Mounting Tube   | 1        |      | T-0889   | 8-5013   | Ferrule                  | 1        |
| OD 4. | T-0160   | 7-2827 OEM | Pinion Assembly | 1        | 6.   | T-0924   | 8-7033   | Fitting (-), Console End | 5        |

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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



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

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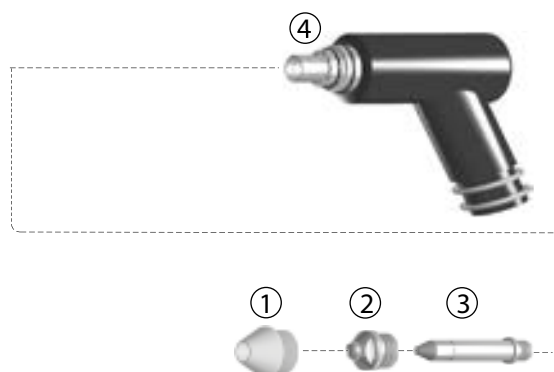
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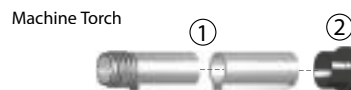
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PCH/M-150 TORCH



### ACCESSORIES



| Item  | Part No. | Ref. No. | Description         | Std. Pkg. | Item  | Part No. | Ref. No. | Description            | Std. Pkg. |
|-------|----------|----------|---------------------|-----------|-------|----------|----------|------------------------|-----------|
| 1.    | T-1032   | 9-5750-1 | Ceramic Taper Piece | 1         | OD 3. | T-0253   | 9-5749   | Electrode, Air         | 5         |
| OD 2. | T-0241   | 9-5746   | Tip .070 150A, Air  | 5         | OD    | T-0255   | 9-5760   | Electrode, Oxy         | 5         |
| OD    | T-0242   | 9-5747   | Tip .055 100A, Air  | 5         | OD 4. | T-0256   | 9-5743   | TMT-150 Hand Torch 70° | 1         |
| OD    | T-0243   | 9-5748   | Tip .043 50A, Air   | 5         |       |          |          |                        |           |
| OD    | T-0247   | 9-5767   | Tip .067 150A, Nit  | 5         |       |          |          |                        |           |

### ACCESSORIES

| Item | Part No. | Ref. No. | Description   | Std. Pkg. |
|------|----------|----------|---------------|-----------|
| 1.   | T-1077   | 7-3207   | Mounting Tube | 1         |
| 2.   | T-0161   | 8-4204   | Bushing       | 1         |

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## Thermal Dynamics®

### MERLIN™ 6000 & 6000GST

### MAXIMIZER™ 300



| Item | Part No.  | Ref. No.   | Description                       | Std. Pkg. | Item  | Part No.  | Ref. No.   | Description                                        | Std. Pkg. |
|------|-----------|------------|-----------------------------------|-----------|-------|-----------|------------|----------------------------------------------------|-----------|
| 1.   | T-2971    | 20-1003    | Shield 50A                        | 1         |       | T-10264** | 20-1018-UR | Electrode 50-225A, Air (300A, O <sub>2</sub> )     | 5         |
|      | T-2289    | 20-1004    | Shield 100-225A                   | 1         |       | T-10265** | 20-1010-UR | Electrode 100-225A, Air/O <sub>2</sub>             | 5         |
|      | T-2290    | 20-1005    | Shield 300A                       | 1         | 5.    | T-2300    | 20-1023    | Electrode 50-300A, N <sub>2</sub>                  | 5         |
| 2.   | T-2292    | 20-1002    | Standard Shield Cup Body          | 1         | 6.    | T-2301    | 20-0008    | Gas Distributor 50-225A                            | 2         |
| 3.   | T-8981    | 20-1030    | Tip 0.043" 50A                    | 5         |       | T-2302    | 20-1009    | Gas Distributor 300A                               | 2         |
|      | T-2303    | 20-1031    | Tip 0.055" 100A                   | 5         | 7.    | T-11846   | T-11846    | Cooling Tube                                       | 1         |
|      | T-2304    | 20-1032    | Tip 0.073" 150A                   | 5         | 8.    | T-1693    | 9-6410     | Torch Body                                         | 1         |
|      | T-2305    | 20-1033    | Tip 0.083" 225A                   | 5         | 8a.   | N-10088   | 1-023B     | O-Ring                                             | 1         |
|      | T-2306    | 20-1034    | Tip 0.109" 300A                   | 5         | NS    | T-1077    | 7-3207     | Mounting Tube                                      | 1         |
| 4.   | T-10441   | 20-1021-UR | Electrode 300A, Air               | 5         | OD NS | T-0160    | 7-2827 OEM | Pinion Assembly                                    | 1         |
|      | T-10293** | 20-1015-UR | Electrode 50-100A, O <sub>2</sub> | 10        | NS    | T-0161    | 8-4204     | Bushing                                            | 1         |
|      | T-10440** | 20-1016-UR | Electrode 150A, O <sub>2</sub>    | 5         | NS    | T-13186   | 2-6140     | MAXIMIZER™ 300 Machine Torch with Leads 25' (7.6m) | 1         |

# THERMACUT® REPLACEMENT PARTS SUITABLE FOR

## PCH/M-120



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

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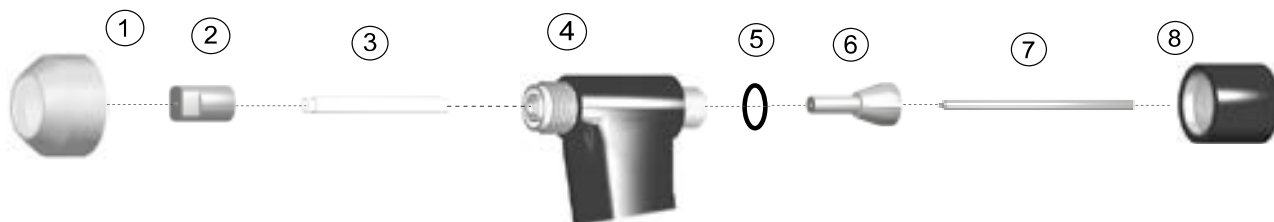
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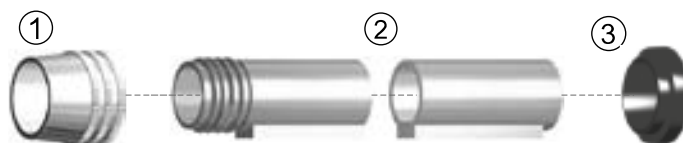
## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWH/M 2A WELDING TORCH



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

## ACCESSORIES

### Machine Torch



| Item | Part No. | Ref. No. | Description                                  | Std. Pkg | Item | Part No. | Ref. No. | Description            | Std. Pkg |
|------|----------|----------|----------------------------------------------|----------|------|----------|----------|------------------------|----------|
| 1.   | T-0157   | 8-4018   | Nut                                          | 1        | NS   | T-1535   | 8-1495   | Positive Lead, Red 25' | 1        |
| 2.   | T-0159   | 8-5005   | Mounting Tube                                | 1        | NS   | T-1536   | 8-1074   | Plasma Hose 12 1/2'    | 1        |
| 3.   | T-0161   | 8-4204   | Bushing                                      | 1        | NS   | T-1537   | 8-1496   | Plasma Hose 25'        | 1        |
| NS   | KT-1061  | 2-2504   | Hand Torch 70° with 25' Leads                | 1        | NS   | T-1520   | 8-1075   | Shield Hose 12 1/2'    | 1        |
| NS   | T-0774   | 2-2840   | Machine Torch with 12.5' Leads without Q. D. | 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        |      |          |          |                        |          |

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



| Item  | Part No. | Ref. No. | Description                       | Std. Pkg. | Item  | Part No. | Ref. No.   | Description                                  | Std. Pkg. |
|-------|----------|----------|-----------------------------------|-----------|-------|----------|------------|----------------------------------------------|-----------|
| 1.    | T-1505   | 8-3040   | Shield Cup                        | 1         |       | T-1499   | 8-3030     | Torch Head 70°                               | 1         |
|       | T-1911   | 8-3038   | Shield Cup Standard Weight        | 1         |       | T-1036   | 8-3031     | Torch Head 90°                               | 1         |
| 2.    | T-1509   | 9-1783   | Tip .046 50A, Standard            | 10        | OD 9. | T-1027   | 8-0527     | O-Ring Electrode Cap                         | 10        |
|       | T-1510   | 9-1784   | Tip .062 75A, Standard            | 10        | 10.   | T-1502   | 9-1780     | Collet                                       | 1         |
|       | T-1511   | 9-1785   | Tip .081 100A, Standard           | 10        | 11.   | T-1504   | 9-1779     | Electrode Cap, Standard                      | 1         |
|       | T-1512   | 9-1795   | Tip .093 150A, Standard           | 10        | 12.   | T-0777   | 9-1803     | Electrode Cap, Extended                      | 1         |
| OD 3. | T-1513   | 9-1788   | Tip, Long .031 10A, Extended      | 10        | NS    |          | 9-1757     | PWH Handle                                   | 1         |
|       | T-1514   | 9-1789   | Tip, Long .046 20A, Extended      | 10        | NS    | T-10766  | 9-1778 OEM | Sleeve                                       | 1         |
|       | T-1515   | 9-1790   | Tip, Long .062 55A, Extended      | 10        | NS    | T-0157   | 8-4018     | Nut                                          | 1         |
|       | T-1516   | 9-1791   | Tip, Long .081 75A, Extended      | 10        | OD NS | T-0183   | 9-1901     | Adaptor                                      | 1         |
|       | T-1517   | 9-1811   | Tip, Long .093 85A, Extended      | 10        | NS    | T-0159   | 8-5005     | Positioning Tube                             | 1         |
| 4.    | T-1518   | 9-2240   | Gas Distributor Insulating Sleeve | 5         | NS    | T-0161   | 8-4204     | End Cap                                      | 1         |
| OD 5. | T-1503   | 9-1747   | Electrode                         | 1         | NS    | T-0810   | 9-1810     | Gage/Wrench                                  | 1         |
| 6.    | T-1498   | 8-3059   | Gas Diffuser                      | 1         | NS    | KT-1069  | 4-2615     | PWH/M 3A Cable Leads 12.5' (3.8m) Hand/Mach. | 1         |
| 7.    | T-1519   | 8-3057   | Gasket - Shield Cup               | 5         | NS    | KT-1474  | 4-2624     | PWH/M 3A Cable Leads 25' (7.6m) Hand/Mach.   | 1         |
| 8.    | T-1500   | 8-3032   | Torch Head Assembly (180° offset) | 1         | NS    | KT-1067  | 2-2616     | PWH 3A Hand Torch 180° 3.8m                  | 1         |

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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWH/M 4A WELDING TORCH



| Item | Part No. | Ref. No.   | Description                      | Std. Pkg. | Item  | Part No. | Ref. No. | Description                                            | Std. Pkg. |
|------|----------|------------|----------------------------------|-----------|-------|----------|----------|--------------------------------------------------------|-----------|
| 1.   | T-1448   | 8-4062     | Shield Cup                       | 1         | 11.   | T-1463   | 9-1876   | Collet                                                 | 1         |
| OD   | T-12352  | 8-4064 OEM | Shield Cup with Lens             | 5         | 12.   | T-2144   | 9-1877   | Electrode Cap, Extended                                | 1         |
| 2.   | T-1451   | 9-1847     | Tip .062 100A, Standard          | 10        | NS    | T-2146   | 9-2204   | Gas Distributor                                        | 1         |
|      | T-1453   | 9-1849     | Tip .125 250A, Standard          | 10        | OD NS | T-1457   | 8-0528   | O-Ring                                                 | 10        |
| 3.   | T-1020   | 9-1890     | Tip .062 100A, Extended          | 10        | NS    | T-0157   | 8-4018   | Nut                                                    | 1         |
|      | T-2145   | 9-1891     | Tip .093 125A, Extended          | 10        | OD NS | T-0183   | 9-1901   | Adaptor                                                | 1         |
|      | T-2355   | 9-1892     | Tip .125 250A, Extended          | 5         | NS    | T-0159   | 8-5005   | Positioning Tube                                       | 1         |
| 4.   | T-1454   | 9-1827     | Electrode .187, Standard         | 5         | NS    | T-0161   | 8-4204   | End Cap                                                | 1         |
|      | T-2134   | 9-1834     | Electrode .187, Extended         | 5         | NS    | KT-1484  | 2-2120   | PWH 4A 70° Torch with Leads 12.5' (3.8m), centr. conn. | 1         |
| 5.   | T-2105   | 8-4011     | Liner (without Gas Distributor)  | 1         | NS    | KT-1357  | 2-2125   | PWH 4A 70° Torch with Leads 25' (7.6m), centr. conn.   | 1         |
| 6.   | T-1455** | 8-4012-UR  | Liner (Gas Distributor included) | 1         | NS    | KT-1377  | 2-2829   | PWH 4A 180° Torch with Leads 25' (7.6m), centr. conn.  | 1         |
| 7.   | T-1458   | 8-4024     | Collar                           | 1         | NS    | KT-1207  | 9-3088   | PWH, M4A Hose, Shield, 4A/6A, 25'                      | 1         |
| 8.   | T-11543  | 8-4040 OEM | Shield Gas Diffuser, Threaded    | 1         | NS    | KT-1206  | 8-1505   | PWH, M4A Hose, Plas., 25'                              | 1         |
| 9.   | T-0197   | 8-4069     | Gasket - Shield Cup              | 5         | NS    | KT-1186  | 9-2079   | PWH, M4A Lead, neg. W.C., 12.5' (3.8m)                 | 1         |
| 10.  | T-1460   | 8-4014     | Torch Head Assembly 70°          | 1         | NS    | KT-1200  | 9-2081   | PWH, M4A Lead, pos. W.C., 12.5' (3.8m)                 | 1         |
|      | T-1303   | 8-4016     | Torch Head Assembly 180° offset  | 1         | NS    | KT-1201  | 8-1398   | PWH, M4A Lead, neg. W.C., 25' (7.6m)                   | 1         |
|      | T-0075   | 8-4015     | Torch Head Assembly 90°          | 1         | NS    | KT-1202  | 8-1399   | PWH, M4A Lead, pos. W.C., 25' (7.6m)                   | 1         |
|      | T-1461   | 8-4054     | Torch Head Assembly 180° inline  | 1         |       |          |          |                                                        |           |

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

**NS** NOT SHOWN IN THE PICTURE

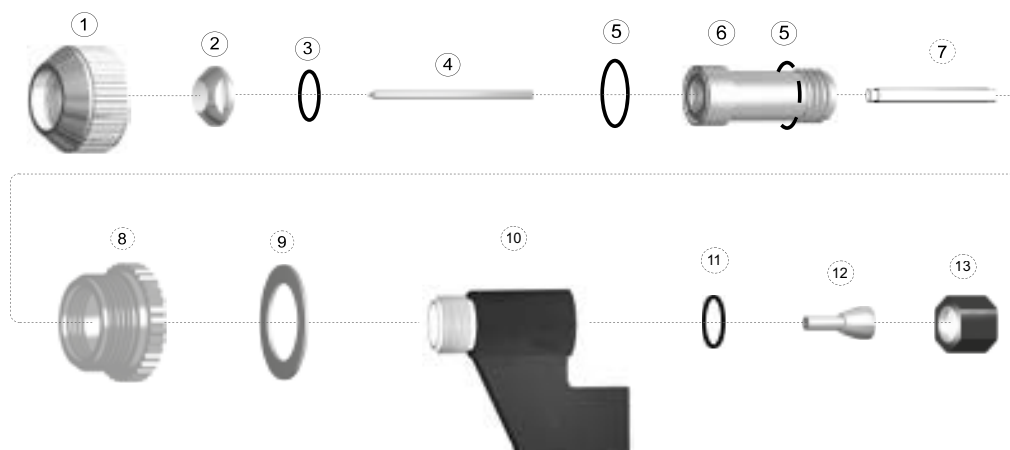
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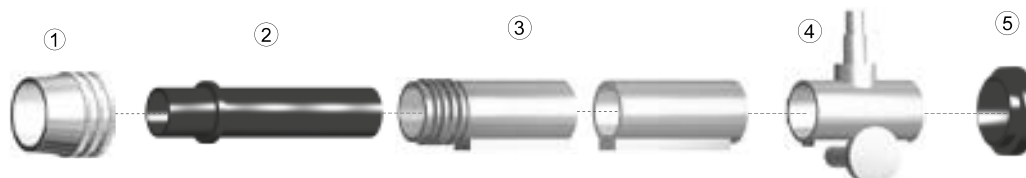
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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR Thermal Dynamics® PWM 300 WELDING TORCH



| Item  | Part No. | Ref. No. | Description                 | Std. Pkg. | Item   | Part No. | Ref. No. | Description         | Std. Pkg. |
|-------|----------|----------|-----------------------------|-----------|--------|----------|----------|---------------------|-----------|
| 1.    | T-2360   | 8-4373   | End Cap                     | 1         | 7.     | T-2365   | 8-6651   | Insulating Sleeve   | 10        |
| 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-2369   | 8-6649   | Torch Body          | 1         |
| OD 3. | T-2152   | 9-2863   | O-Ring                      | 10        | OD 11. | T-2082   | 8-0534   | O-Ring              | 10        |
| 4.    | T-1454   | 9-1827   | Electrode                   | 5         | 12.    | T-2367   | 8-6650   | Collet              | 1         |
| 5.    | T-1029   | 9-2956   | O-Ring                      | 10        | 13.    | T-2368   | 8-6654   | Electrode Cap       | 1         |
| 6.    | T-2364   | 8-6509   | Liner (includes 50-720S 2x) | 1         |        |          |          |                     |           |

## ACCESSORIES



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

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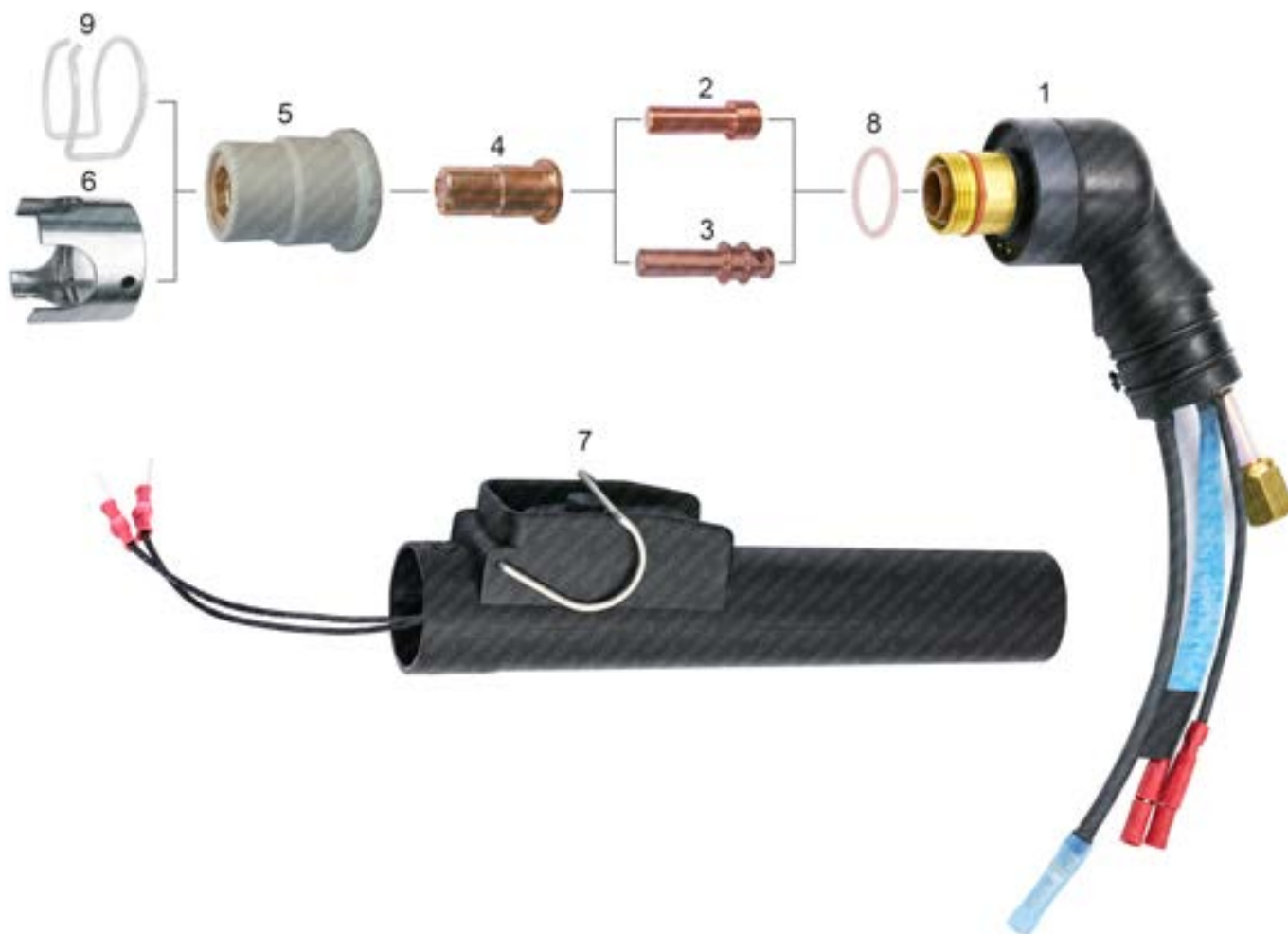
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A80™/P80™



| Item | Part No. | Ref. No. | Description | Std. Pkg.            | Item | Part No. | Ref. No.                           | Description | Std. Pkg.                         |   |
|------|----------|----------|-------------|----------------------|------|----------|------------------------------------|-------------|-----------------------------------|---|
| OD   | 1.       | T-5052   | PF119       | Torch Body, Hand     | 1    | 7.       | T-5442                             | 1356        | Handle with Switch                | 1 |
| OD   | 2.       | T-5063   | PR108       | Electrode, Long      | 5    | NS       | KT-1274                            | PH130       | A80™ Cable Leads 6m, 3/8 fittings | 1 |
|      | 3.       | T-9804   | PR115       | Electrode, Long      | 10   | 8.-9.    | Not available any more – OEM only. |             |                                   |   |
| OD   | 4.       | T-5024   | PD106-10    | Nozzle, Long 1.0mm   | 5    |          |                                    |             |                                   |   |
|      | 5.       | T-5016   | PC115       | Nozzle Retaining Cap | 10   |          |                                    |             |                                   |   |
| OD   | 6.       | T-5006   | CV33        | Crown Spacer         | 10   |          |                                    |             |                                   |   |

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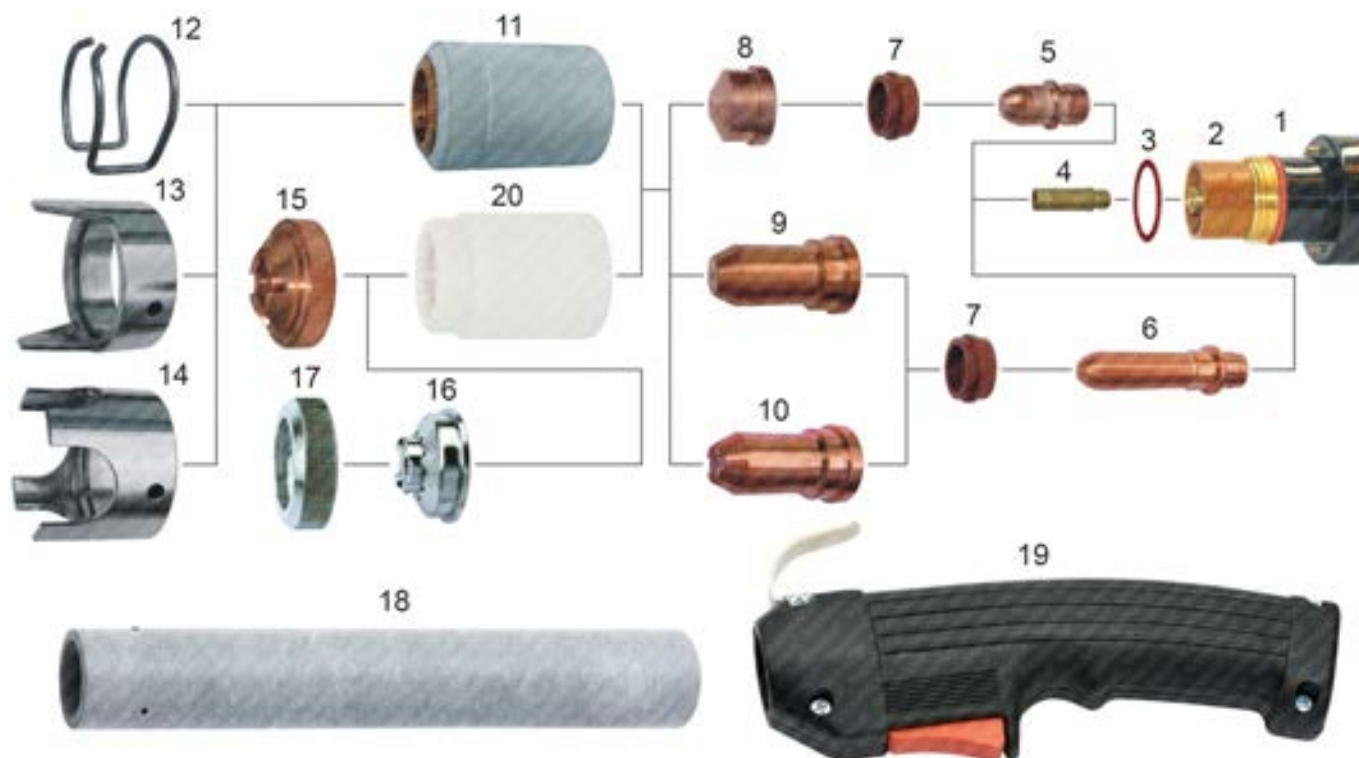
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A90™/P90™



| Item   | Part No. | Ref. No. | Description                           | Std. Pkg. | Item   | Part No.                           | Ref. No.   | Description                                     | Std. Pkg. |
|--------|----------|----------|---------------------------------------|-----------|--------|------------------------------------|------------|-------------------------------------------------|-----------|
| 1.     | TN-0147  | PF109    | Torch Body, Hand (part 2, 3 included) | 1         | 11.    | T-3714                             | PC109      | Nozzle Retaining Cap                            | 6         |
| OD 2.  | T-9793   | 60085    | Insulator                             | 1         | 12.    | T-3718                             | CV11       | Spacer Spring                                   | 5         |
| OD 3.  | T-3562   | EA131    | O-Ring                                | 10        | 13.    | T-0643                             | CV12(1408) | Spacer, Double Pointed                          | 6         |
| 4.     | PT-10709 | 45244-7  | Diffusor                              | 1         | OD 14. | T-5003                             | CV14       | Crown Spacer                                    | 6         |
| 5.     | T-5059   | PR101    | Electrode                             | 10        | 15.    | T-5004                             | CV23       | Shield Cup                                      | 6         |
| 6.     | T-5065   | PR116    | Electrode, Long - no thread           | 5         | 16.    | T-9370                             |            | Spacer for Contact Cutting                      | 10        |
| 7.     | T-5072   | PE101    | Swirl Ring                            | 2         | 17.    | T-9375                             |            | Locking Nut                                     | 10        |
| 8.     | T-2926   | PD101-11 | Nozzle 1.1mm                          | 5         | 18.    | T-5069                             | TP12       | Insulating Sleeve                               | 1         |
|        | T-3349   | PD101-14 | Nozzle 1.4mm                          | 5         | 19.    | T-5068                             | TP10       | Handle with Switch                              | 1         |
|        | T-2955   | PD101-17 | Nozzle 1.7mm                          | 5         | NS     | KT-1182                            | PA109      | A90™ Hand Torch with Leads 6m, fittings         | 1         |
| 9.     | T-5032   | PD117-14 | Nozzle 1.4mm, Long                    | 10        | NS     | KT-1375                            | PA213      | A90™ Hand Torch with Leads 6m with centr. conn. | 1         |
| OD 10. | T-9527   | PD111    | Nozzle, Gouging                       | 10        | 20.    | Not available any more - OEM only. |            |                                                 |           |

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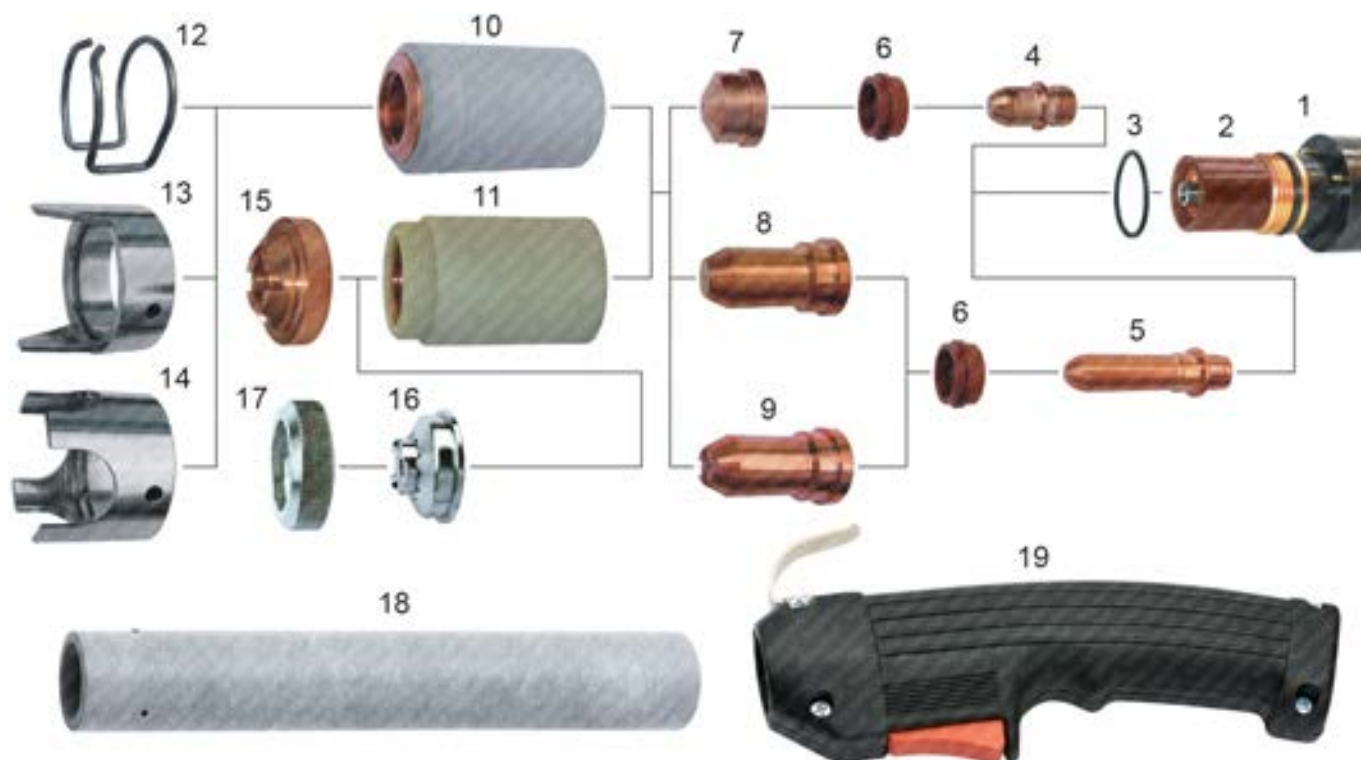
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# THERMACUT® REPLACEMENT PARTS SUITABLE FOR TRAFIMET® A140™/P140™



| Item  | Part No. | Ref. No. | Description                                                 | Std. Pkg. | Item   | Part No. | Ref. No.          | Description                                   | Std. Pkg. |
|-------|----------|----------|-------------------------------------------------------------|-----------|--------|----------|-------------------|-----------------------------------------------|-----------|
| 1.    | TN-0109  | PF101    | Torch Body, Hand                                            | 1         | OD 11. | T-5013   | PC103             | Contact Nozzle Ret. Cap                       | 10        |
| OD 1. | TN-0106  | PF102    | Torch Body, Machine                                         | 1         | 12.    | T-3718   | CV11              | Spacer Spring                                 | 5         |
| OD 2. | T-11114  | 60080    | Insulator brown (present torch design with brown insulator) | 1         | OD 13. | T-0643   | CV12(1408)        | Double Pointed Spacer                         | 6         |
| OD 3. | T-3562   | EA131    | O-Ring                                                      | 10        | OD 14. | T-5003   | CV14              | Crown Spacer                                  | 6         |
| 4.    | T-5059   | PR101    | Electrode                                                   | 10        | 15.    | T-5004   | CV23              | Shield Cup                                    | 6         |
| 5.    | T-5065   | PR116    | Electrode, Long - no thread                                 | 5         | 16.    | T-9370   |                   | Spacer for Contact Cutting                    | 10        |
| 6.    | T-5072   | PE101    | Swirl Ring                                                  | 2         | 17.    | T-9375   |                   | Locking Nut                                   | 10        |
| 7.    | T-2926   | PD101-11 | Nozzle 1.1mm                                                | 5         | 18.    | T-5069   | TP12              | Insulating Sleeve                             | 1         |
|       | T-3349   | PD101-14 | Nozzle 1.4mm                                                | 5         | NS     | KT-1100  | PH148             | A140™ Cable Leads 6m, Hand, fittings          | 1         |
|       | T-2955   | PD101-17 | Nozzle 1.7mm                                                | 5         | NS     | KT-1219  | PA101             | A140™ Hand Torch with Leads 6m, fittings      | 1         |
|       | T-2954   | PD101-19 | Nozzle 1.9mm                                                | 5         | NS     | KT-1050  | PA214             | A140™ Hand Torch with Leads 6m, centr.conn.   | 1         |
| 8.    | T-5032   | PD117-14 | Nozzle 1.4mm, Long                                          | 10        | NS     | KT-1053  | PA219             | A140™ Hand Torch with Leads 12m, centr.conn.  | 1         |
| OD 9. | T-9527   | PD111    | Nozzle, Gouging                                             | 10        | NS     | KT-1260  | KP140-M,8,5M.CK.K | P140™ Cable Leads 8.5m, Hand/Mach., fittings  | 1         |
| 10.   | T-10409  | PC101    | Nozzle Retaining Cap                                        | 1         | NS     | KT-1119  | PA146             | P140™ Mach. Torch with Leads 12m, centr.conn. | 1         |

OD

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# ACCESSORIES



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

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



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

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## THERMACUT® ELECTRICAL CONDUCTIVITY METER

VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



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

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

## ELECTRODE PIT-DEPTH GAUGE

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

VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



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

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

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

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

**Data Sheet**

Filtering Degree: 0.01 µinch - 0.25 µm

Maximum Pressure: 125 PSI - 8.5 bar

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

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

Size Pipe: 1/4"

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

| Item | Part No.     | Ref. No.      | Description                                                                                            | Std. Pkg |
|------|--------------|---------------|--------------------------------------------------------------------------------------------------------|----------|
| 1.   | T-12452      | EX-0-804-001  | Air Filter (without connection couplings), includes O-Ring (item 3) and 1 pc Filter Cartridge (item 2) | 1        |
| 2.   | T-12453      | EX-0-804-002  | Cartridge for Air Filter                                                                               | 8        |
| 3.   | N-23219      | O-KR-117x3,5G | Spare part, O-Ring D117×3.5 Nitrile                                                                    | 1        |
| 4.   | EX-0-802-001 | EX-0-802-001  | DN 7.2 ES Quick Connect Plug with male thread G 1/4"                                                   | 1        |
| 5.   | EX-0-802-002 | EX-0-802-002  | DN 7.2 ES Quick Connect Coupling with male thread G 1/4"                                               | 1        |

## HEAT SHIELD GREASE



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

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

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

TARIC CODE: 27121090

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## THERMACUT® REPLACEMENT PARTS SUITABLE FOR KEMPER® FILTER CARTRIDGES



| Part No. | Ref. No. | Description      | D (outer diameter) | d (inner diameter) | Length (mm) | Filter class | Filter material | Filter system                                                                           |
|----------|----------|------------------|--------------------|--------------------|-------------|--------------|-----------------|-----------------------------------------------------------------------------------------|
| F-10000  | 1090313  | Filter cartridge | 325/327            | 213                | 400         | M            | ePTFE SEW198    | Mobile filter unit, stationary filter unit                                              |
| F-10001  | 1090434  | Filter cartridge | 325/327            | 213                | 400         | M            | ePTFE SEW198    | Mobile filter unit, stationary filter unit                                              |
| F-10002  | 1090300  | Filter cartridge | 325/327            | 213                | 600         | M            | ePTFE SEW198    | Filter-Master XL, Filter-Cell XL, System 8000 (top open, bottom closed, with 13mm hole) |
| F-10003  | 1090438  | Filter cartridge | 325/327            | 213                | 600         | M            | ePTFE SEW198    | Filter-Master XL, Filter-Cell XL, System 8000 (top open, bottom closed, with 13mm hole) |
| F-10004  | 1090303  | Filter cartridge | 325/327            | 213                | 1200        | M            | ePTFE SEW198    | System 9000                                                                             |
| F-10005  | 1090442  | Filter cartridge | 325/327            | 213                | 1200        | M            | ePTFE SEW198    | System 9000                                                                             |
| F-10006  | 1090328  | Filter cartridge | 352                | 240                | 600         | M            | ePTFE SEW198    | System 8000, VacuFil500                                                                 |
| F-10007  | 1090333  | Filter cartridge | 352                | 240                | 600         | M            | ePTFE SEW198    | System 8000, VacuFil500                                                                 |
| F-10008  | 1090440  | Filter cartridge | 352                | 240                | 600         | M            | ePTFE SEW198    | System 8000, VacuFil500                                                                 |
| F-10009  | 1090340  | Filter cartridge | 352                | 240                | 1200        | M            | ePTFE SEW198    | System 9000                                                                             |
| F-10010  | 1090447  | Filter cartridge | 352                | 240                | 1200        | M            | ePTFE SEW198    | System 9000                                                                             |

Last update of this page: 23/03/2021. See Revision history for details.

## THERMACUT® SILICONE LUBRICANT



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

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

## SAFETY GLASS SHIELD



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

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

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

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



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

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

a 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

OD ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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

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

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



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

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

**a** 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

**b** THERMACUT® ELECTRODES HAS TO BE USED WITH THERMACUT® DESIGN COOLING TUBE, OTHERWISE IT DOESN'T FIT TO THE TORCH, THERMACUT® COOLING TUBE CAN BE USED FOR THERMACUT® DESIGN ELECTRODES AND FOR ORIGINAL DESIGN TOO

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

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



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

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

**OD** ON DEMAND – WE DO NOT KEEP THESE PARTS IN STOCK, COST IS SET ACCORDING TO THE ORDERED QUANTITY, DELIVERY TIME MAY DIFFER FROM STANDARD PRODUCTS.

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## THERMACUT® CONSUMABLE CASE SUITABLE FOR Hypertherm® POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105

PORTABLE AND PRACTICAL CONSUMABLE CASE CONTAINS THE MILD STEEL CUTTING LINE CONSUMABLES SUITABLE FOR THE HYPERTHERM® POWERMAX® 65 / POWERMAX® 85 / POWERMAX® 105 PLASMA CUTTING SYSTEM. THE KIT ALSO CONTAINS THE THERMACUT® REPLACEMENT TORCH.



| Item  | Part No. | Ref. No.  | Description                    | Std. Pkg. | Item  | Part No. | Ref. No.  | Description                                  | Std. Pkg. |
|-------|----------|-----------|--------------------------------|-----------|-------|----------|-----------|----------------------------------------------|-----------|
| a 1.  | T-11406  | 220818-UR | Shield 45/65/85A, Hand         | 1         | a 14. | T-11377  | 220819-UR | Nozzle 65A                                   | 5         |
| a 2.  | T-11404  | 220817-UR | Shield 45/65/85A, Machine      | 1         | a 15. | T-11405  | 220816-UR | Nozzle 85A                                   | 5         |
| 3.    | T-11407  | 220955    | Deflector 45/65/85/105A        | 1         | b 16. | T-12023  | 220991-UR | Nozzle 105A, Gouging                         | 5         |
| ab 4. | T-12022  | 220798-UR | Shield 65/85/105A, Gouging     | 1         | b 17. | T-11840  | 220990-UR | Nozzle 105A                                  | 5         |
| b 5.  | T-11841  | 220992-UR | Shield 105A, Hand              | 1         | 18.   | T-11845  | 220930    | Nozzle 45A, FC                               | 5         |
| b 6.  | T-11842  | 220993-UR | Shield 105A, Machine           | 1         | c 19. | T-11861  | 220857-UR | Swirl Ring 45-85A                            | 1         |
| 7.    | T-12013  | 220931    | Deflector 45A, FC              | 1         | c 20. | T-11930  | 220994-UR | Swirl Ring 105A                              | 1         |
| 8.    | T-12014  | 220948    | Shield 45A, Ohmic, FC          | 1         | c 21. | T-12015  | 220947-UR | Swirl Ring 45A, FC                           | 1         |
| d 9.  | T-11423  | 220854-UR | Retaining Cap 45/65/85A        | 1         | c 22. | T-11883  | 220842x5  | Electrode 45-105A (pkg. 5 pcs.)              | 1 x 5     |
| d 10. | T-11931  | 220953-UR | Retaining Cap 45/65/85A, Ohmic | 1         |       |          | 220842    | Part is available in 5pcs. set 220842x5 only |           |
| b 11. | T-11422  | T-11422   | Retaining Cap 105A             | 1         | 23.   |          |           | Set of Torch and Handle                      | 1         |
| b 12. | T-11932  | T-11932   | Retaining Cap 105A, Ohmic      | 1         | 24.   | T-12187  | T-12187   | Box with Parts POWERMAX® 65/85/105           | 1         |
| a 13. | T-11378  | 220941-UR | Nozzle 45A                     | 5         | 25.   | T-12188  | T-12188   | Empty Box POWERMAX® 65/85/105                | 1         |

- a** MUST BE USED ONLY AS A SET OF SHIELD AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.
- b** MUST BE USED ONLY AS A SET OF SHIELD, RETAINING CAP AND NOZZLE, THIS COMPLETE SET IS INTERCHANGEABLE AND COMPATIBLE WITH ORIGINAL PARTS.
- c** 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.
- d** 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. (19C), (20C) - ALSO POSSIBLE TO USE WITH FC CONFIGURATION, BUT FOR BEST CUT QUALITY RESULTS - USE 220947-UR.

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

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## DEFINITIONS OF SUFFIXES, SYMBOLS & ABBREVIATIONS

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### SUFFIXES

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

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

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

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

### ABBREVIATIONS

**MS** - MILD STEEL

**SS** - STAINLESS STEEL

**AL** - ALUMINIUM and its alloys

**CC** - CENTRAL CONNECTOR

**Q. D.** - QUICK DISCONNECT

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

**W/** - WITH

**W/O** - WITHOUT

**NS** - NOT SHOWN IN THE PICTURE

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

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

### SYMBOLS

**\*/\*\*/#/##** - Symbols used in catalogue as the explanatory note.

**a b c d** - This symbols always point to the part/s which must be used only as a set with another pointed part/s.

**OD** - ON DEMAND - We do not keep these parts in stock, cost is set according to the ordered quantity, delivery time may differ from standard products.

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

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

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

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

## REVISION HISTORY

ESAB®/L-TEC® SECTION - Revision on PAGES 26-27 - 27/06/2022 - ON DEMAND (OD) information added to T-1716.

TRAFIMET® SECTION - Revision on PAGE 144 - 27/06/2022 - ON DEMAND (OD) information removed from T-5004. ON DEMAND (OD) information added to T-5003.

CEBORA® SECTION - Revision on PAGE 18 - 07/06/2022 - Ref. No. of parts T-11949, T-11856 changed. Compatibility footnote removed.

CEBORA® SECTION - Revision on PAGE 23 - 07/06/2022 - Parts TN-0135, TN-0136, TN-0124, TN-0134, TN-0122 removed from the picture and from the table.

DAIHEN®/OTC® SECTION - Revision on PAGES 24-25 - 07/06/2022 - Part T-5316 removed from the picture and from the table.

ESAB®/L-TEC® SECTION - Revision on PAGES 28-29 - 07/06/2022 - ON DEMAND (OD) information added to T-3422. Part T-10439 removed from the table.

ESAB®/L-TEC® SECTION - Revision on PAGES 30, 32 - 07/06/2022 - Part T-1306 removed from the picture and from the table.

ESAB®/L-TEC® SECTION - Revision on PAGE 31 - 07/06/2022 - Part T-1257 removed from the picture and from the table. Part T-3375 removed from the table.

ESAB®/L-TEC® SECTION - Revision on PAGES 34-37 - 07/06/2022 - Part T-10439 removed from the table.

Hypertherm® SECTION - Revision on PAGES 40, 41 - 07/06/2022 - Part T-0053 removed from the picture and from the table.

Hypertherm® SECTION - Revision on PAGES 66-67 - 07/06/2022 - Part T-10304 removed from the table.

Hypertherm® SECTION - Revision on PAGES 74-79 - 07/06/2022 - Parts T-1006, T-1389 removed from the picture and from the table.

Hypertherm® SECTION - Revision on PAGE 80 - 07/06/2022 - Part T-0014 removed from the picture and from the table.

Hypertherm® SECTION - Revision on PAGE 81 - 07/06/2022 - Part T-10628 removed from the table.

Hypertherm® SECTION - 07/06/2022 - Product line HT®4400 HySpeed® removed from the catalog.

Hypertherm® SECTION - Revision on PAGES 86-87 - 07/06/2022 - Part T-11148 removed from the picture and from the table.

Hypertherm® SECTION - Revision on PAGES 96-97 - 07/06/2022 - Description of part T-11834 changed.

KJELLBERG® SECTION - Revision on PAGES 110-111 - 07/06/2022 - Parts T-8613, T-8710 removed from the table.

KJELLBERG® SECTION - Revision on PAGES 114-115 - 07/06/2022 - Parts T-10054, T-10164, T-10163 removed from the table.

KJELLBERG® SECTION - Revision on PAGES 116-117 - 07/06/2022 - ON DEMAND (OD) information added to T-10273. Part T-10249 removed from the table.

KJELLBERG® SECTION - Revision on PAGE 128 - 07/06/2022 - Parts T-10357, T-10371 removed from the picture and from the table. Part T-11569 removed from the table.

KJELLBERG® SECTION - Revision on PAGE 129 - 07/06/2022 - Parts T-10997, T-10357 removed from the picture and from the table.

MIGATRONIC® SECTION - Revision on PAGE 132 - 07/06/2022 - Part T-4805 removed from the picture and from the table.

SAF® SECTION - Revision on PAGE 133 - 07/06/2022 - Part T-10135, T-10019, T-10022 removed from the picture and from the table.

SAF® SECTION - Revision on PAGE 134 - 07/06/2022 - Part T-8071 removed from the picture and from the table.

Thermal Dynamics® SECTION - Revision on PAGE 135 - 07/06/2022 - Part T-0151 removed from the picture and from the table.

Thermal Dynamics® SECTION - Revision on PAGE 137 - 07/06/2022 - Part T-0244 removed from the table.

Thermal Dynamics® SECTION - Revision on PAGE 141 - 07/06/2022 - Part T-1456 removed from the table.

TRAFIMET® SECTION - Revision on PAGE 143 - 07/06/2022 - Parts T-5010, T-5005 removed from the picture and from the table.

TRAFIMET® SECTION - Revision on PAGE 144 - 07/06/2022 - ON DEMAND (OD) information removed from T-5069. Part T-5033 removed from the table. Part T-5015 removed from the picture and from the table.

TRAFIMET® SECTION - Revision on PAGE 145 - 07/06/2022 - ON DEMAND (OD) information removed from T-5059, T-5069. Part T-5033 removed from the table.

CEBORA® SECTION - Revision on PAGE 23 - 21/04/2022 - Items 13, 14, 15 (OEM only) added to the picture and to the table.

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