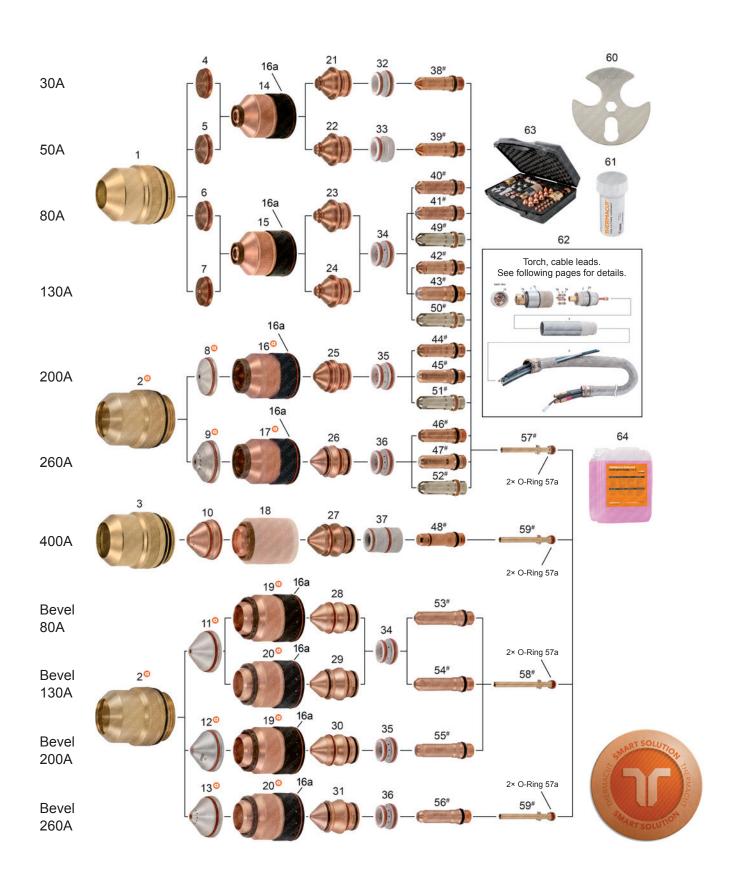




REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HYPERFORMANCE® PLASMA HPR®130XD/HPR®260XD/HPR®400XD MILD STEEL



REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HYPERFORMANCE® PLASMA HPR®130XD/HPR®260XD/HPR®400XD MILD STEEL

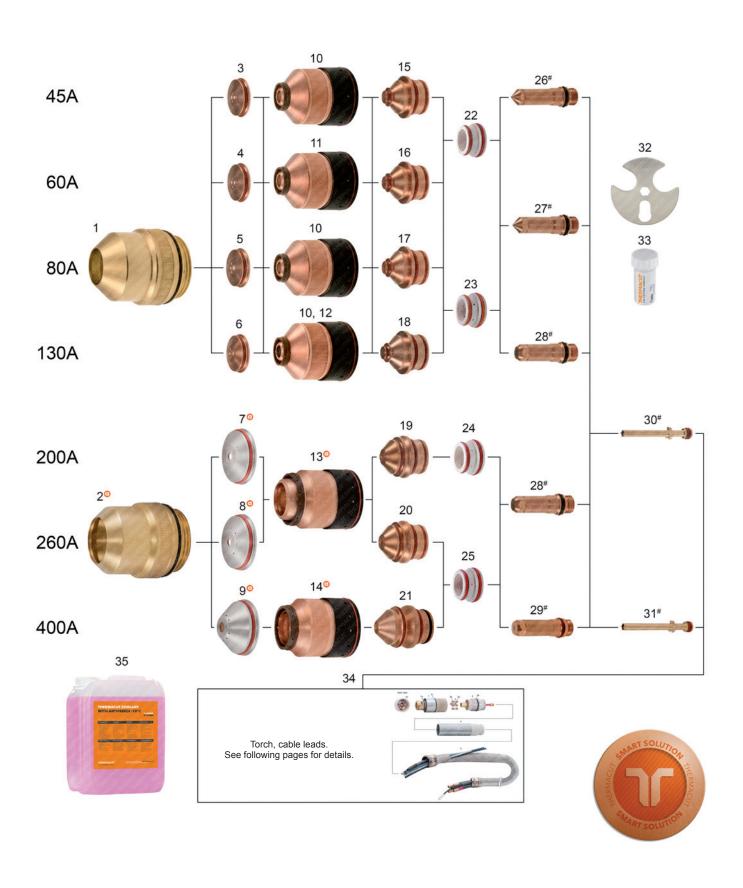
| Item | Part No. | Ref. No. | Description | Std. Pkg. | Item | Part No. | Ref. No. | Description | Std. Pkg. |
|--------------|-----------|------------|-------------------------------------|-----------|------|---------------|------------------------|---|-----------|
| 1. | T-11271 | 220747 | Shield Cap 30–130A | 1 | F3 | T-11425 | 220659 | Nozzle 200A, Bevel | 1 |
| ① 2. | T-11270 🗿 | 220637-UR | Shield Cap 200–400A | 1 | | T-10308## | 220542-UR | Nozzle 260A, Bevel | 1 |
| 3. | T-11113 | 220637 OEM | Shield Cap 400A (400A, Bevel) | 1 | | T-10939 | 220542 | Nozzle 260A, Bevel | 1 |
| 4. | T-10878 | 220194 | Shield 30A | 10 | 32. | T-10297 | 220180 | Swirl Ring 30A | 1 |
| 5. | T-10882 | 220555 | Shield 50A | 10 | 33. | T-10305 | 220553 | Swirl Ring 50A | 1 |
| 6. | T-9838 | 220189 | Shield 80A | 10 | 34. | T-10295 | 220179 | Swirl Ring 80/130A (80/130A, Bevel) | 1 |
| 7. | T-9839 | 220183 | Shield 130A | 10 | 35. | T-10296 | 220353 | Swirl Ring 200A | 1 |
| 0 8. | T-11276 🗿 | 220761-UR | Shield 200A | 1 | 36. | T-10271 | 220436 | Swirl Ring 260A (260A, Bevel) | 1 |
| ① 9. | T-11277 🧿 | 220764-UR | Shield 260A | 1 | 37. | T-11526 | 220631 OEM | Swirl Ring 400A (400A, Bevel) | 1 |
| 10. | T-11523 | 220636 OEM | Shield 400A | 1 | #38. | T-9894# | 220192-UR | Electrode 30A | 5 |
| ① 11. | T-11403 🧿 | 220742-UR | Shield 80/130A, Bevel | 1 | #39. | T-10306# | 220552-UR | Electrode 50A | 5 |
| 2 12. | T-11424 🧿 | 220658-UR | Shield 200A, Bevel | 1 | #40. | T-9895# | 220187-UR | Electrode 80A | 5 |
| 1 3. | T-11402 🗿 | 220741-UR | Shield 260A, Bevel | 1 | #41. | T-12064# | 220187-PRO | Electrode, Silver PRO 80A | 5 |
| 14. | T-11272 | 220754 | Inner Retaining Cap 30/50A | 1 | #42. | T-9920# | 220181-UR | Electrode 130A | 5 |
| 15. | T-11273 | 220756 | Inner Retaining Cap 80/130A | 1 | #43. | T-11203# | 220181-PRO | Electrode, Silver PRO 130A(=220665-PRO) | 5 |
| <u>•</u> 16. | T-11274 🗿 | 220757-UR | Inner Retaining Cap 200A | 1 | #44. | T-9969# | 220352-UR | Electrode 200A | 5 |
| 16a. | N-20194 | | O-Ring | 1 | #45. | T-11200# | 220352-PRO | Electrode, Silver PRO 200A(=220666-PRO) | 5 |
| 1 7. | T-11275 🗿 | 220760-UR | Inner Retaining Cap 260A | 1 | #46. | T-9974# | 220435-UR | Electrode 260A | 5 |
| 18. | T-11524 | 220635 OEM | Inner Retaining Cap 400A | 1 | #47. | T-11197# | 220435-PRO | Electrode, Silver PRO 260A(=220668-PRO) | 5 |
| 2 19. | T-11833 🧿 | 220845-UR | Inner Retaining Cap 80/200A, Bevel | 1 | 48. | T-11527 | 220629 OEM | Electrode 400A (400A, Bevel) | 5 |
| 2 0. | T-11401 🧿 | 220740-UR | Inner Retaining Cap 130/260A, Bevel | 1 | #49. | T-4927# | 220187-AG | Electrode, SilverEX-® 80A | 5 |
| 21. | T-9834## | 220193-UR | Nozzle 30A | 1 | #50. | T-4917# | 220181-AG | Electrode, SilverEX-® 130A | 5 |
| | T-10936 | 220193 | Nozzle 30A | 1 | #51. | T-4925# | 220352-AG | Electrode, SilverEX-® 200A | 5 |
| 22. | T-10313## | 220554-UR | Nozzle 50A | 1 | #52. | T-4926# | 220435-AG | Electrode, SilverEX-® 260A | 5 |
| | T-10940 | 220554 | Nozzle 50A | 1 | #53. | T-11831# | 220802-UR | Electrode 80A, Bevel | 5 |
| 23. | T-9835## | 220188-UR | Nozzle 80A | 1 | #54. | T-10309# | 220649-UR | Electrode 130A, Bevel | 5 |
| | T-10935 | 220188 | Nozzle 80A | 1 | #55. | T-11426# | 220662-UR | Electrode 200A, Bevel | 5 |
| 24. | T-9836## | 220182-UR | Nozzle 130A | 1 | #56. | T-10307# | 220541-UR | Electrode 260A, Bevel | 5 |
| | T-10934 | 220182 | Nozzle 130A | 1 | #57. | T-9882# | 220340-UR | Cooling Tube 30–260A | 1 |
| 25. | T-9967## | 220354-UR | Nozzle 200A | 1 | 57a. | T-13016 | 026009 | O-Ring | 1 |
| | T-10937 | 220354 | Nozzle 200A | 1 | #58. | T-10472# | 220700-UR | Cooling Tube 80–130A, Bevel | 1 |
| 26. | T-9972## | 220439-UR | Nozzle 260A | 1 | #59. | T-10323# | 220571-UR | Cooling Tube 400A (260–400A, Bevel) | 1 |
| | T-10938 | 220439 | Nozzle 260A | 1 | *60. | TN-0069* | 104119-UR | Consumables Removal Tool | 1 |
| 27. | T-11525 | 220632 OEM | Nozzle 400A (400A, Bevel) | 1 | 61. | T-0994 | T-0994 | Silicone Lubricant 25ml | 1 |
| 28. | T-11832 | 220806 | Nozzle 80A, Bevel | 1 | 62. | Torch, cable | leads. See following | pages for details. | |
| 29. | T-10310## | 220646-UR | Nozzle 130A, Bevel | 1 | 63. | Consumable | Case. Details in the | plasma catalog, section Accessories. | |
| | T-10941 | 220646 | Nozzle 130A, Bevel | 1 | 64. | Coolant Liqui | d. Details in the plas | sma catalog, section Accessories. | |

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REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HYPERFORMANCE® PLASMA HPR®130XD/HPR®260XD/HPR®400XD STAINLESS STEEL



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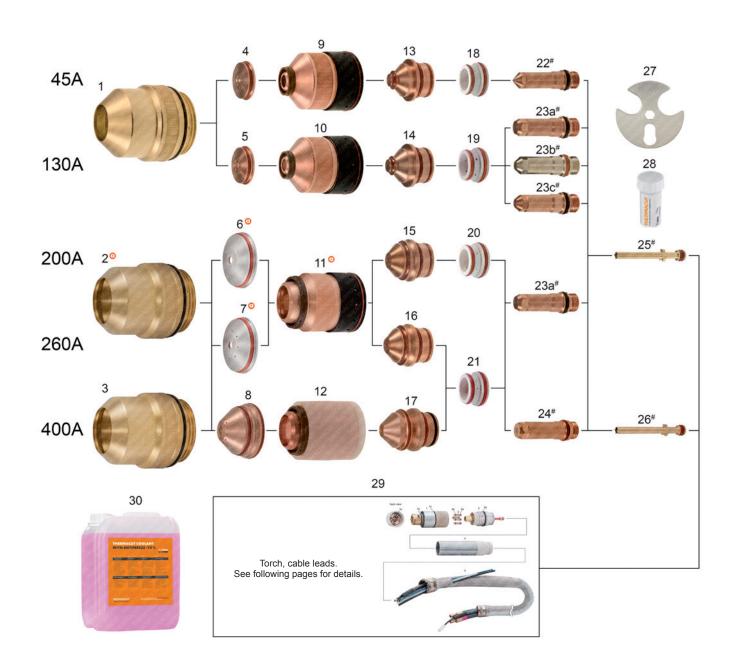
| Item | Part No. | Ref. No. | Description | Std. Pkg. | Item | Part No. | Ref. No. | Description | Std. Pkg. | |
|----------|-----------|-----------|--|-----------|------|--|-----------|--------------------------------------|-----------|--|
| 1. | T-11271 | 220747 | Shield Cap 45–130A | 1 | 19. | T-9987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

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REPLACEMENT PARTS SUITABLE FOR PLASMA CUTTING SYSTEM HYPERTHERM® HYPERFORMANCE® PLASMA HPR®130XD/HPR®260XD/HPR®400XD ALUMINIUM





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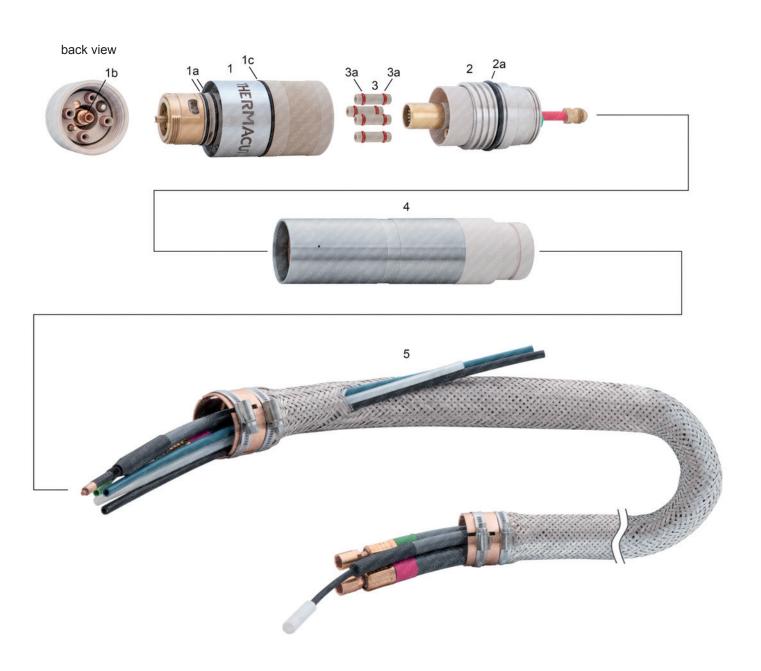
| ltem | Part No. | Ref. No. | Description | Std. Pkg. | ltem | Part No. | Ref. No. | Description | Std. Pkg. |
|-----------------------|-----------|------------|------------------------------|-----------|-------|---|-----------|-------------------------------------|-----------|
| 1. | T-11271 | 220747 | Shield Cap 45–130A | 1 | 17. | T-11960 | 220708 | Nozzle 400A (400A, Bevel) | 1 |
| ⊙ 2. | T-11270 C | 220637-UR | Shield Cap 200A | 1 | 18. | T-10297 | 220180 | Swirl Ring 45A | 1 |
| 3. | T-11113 | 220637 OEM | Shield Cap 200–260A | 1 | 19. | T-10295 | 220179 | Swirl Ring 130A | 1 |
| 4. | T-9975 | 220202 | Shield 45A | 10 | 20. | T-10579 | 220342 | Swirl Ring 200A | 1 |
| 5. | T-9982 | 220198 | Shield 130A | 10 | 21. | T-10596 | 220405 | Swirl Ring 260/400A | 1 |
| ⊙ 6. | T-11956 C | 220762-UR | Shield 200A | 1 | #22. | T-9978# | 220308-UR | Electrode 45A | 5 |
| 7. | T-11957 C | 220763-UR | Shield 260A | 1 | #23.c | T-9920# | 220181-UR | Electrode 130A (Air) | 5 |
| 8. | T-11528 | 220707 OEM | Shield 400A | 1 | #23.b | T-4917# | 220181-AG | Electrode, SilverEX-® 130A (Air) | 5 |
| 9.,10. | T-11273 | 220756 | Inner Retaining Cap 45/130A | 1 | #23.a | T-9984# | 220307-UR | Electrode 130/200/260A | 5 |
| 10. | T-11953 | 220755 | Inner Retaining Cap 45/130A | 1 | 24. | T-11950# | 220709-UR | Electrode 400A (400A Bevel) | 5 |
| 11. | T-11955 © | 220758-UR | Inner Retaining Cap 200/260A | 1 | #25. | T-9882# | 220340-UR | Cooling Tube 30–260A | 1 |
| 12. | T-11529 | 220712 OEM | Inner Retaining Cap 400A | 1 | #26. | T-10323# | 220571-UR | Cooling Tube 400A (260–400A, Bevel) | 1 |
| 13. | T-9977 | 220201 | Nozzle 45A | 1 | *27. | TN-0069* | 104119-UR | Consumables Removal Tool | 1 |
| 14. | T-9983 | 220197 | Nozzle 130A | 5 | 28. | T-0994 | T-0994 | Silicone Lubricant 25ml | 1 |
| 15. | T-9987 | 220343 | Nozzle 200A | 1 | 29. | 9. Torch, cable leads. See following pages for details. | | | |
| 16. | T-9990 | 220406 | Nozzle 260A | 1 | 30. | 30. Coolant Liquid. Details in the plasma catalog, section Accessories. | | | |

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| Item | Part No. | Ref. No. | Description | Std. Pkg. | Item Part No. | Ref. No. | Description | Std. Pkg. | | |
|------|----------|--------------|--|-----------|--|---------------------|---|-----------|--|--|
| 1. | T-11834 | 220706 | Torch Q. D. (included 2pcs cooling tube 220340-UR) | 1 | ! KT-1441 | 228413 | Cable Leads 6m (20ft) w/ gas hose 2,4m (8ft) | 1 | | |
| 1a. | N-10096 | 1-028B | O-Ring | 1 | ! KT-1427 | 228295 | Cable Leads 7,5m(25ft) w/ gas hose 1,8m(6ft) | 1 | | |
| 1b. | N-10054 | 1-008S | O-Ring | 1 | ! KT-1442 | 228414 | Cable Leads $7.5 \mathrm{m}(25 \mathrm{ft}) \mathrm{w/gas}$ hose $2.4 \mathrm{m}(8 \mathrm{ft})$ | 1 | | |
| 1c. | N-18157 | N-18157 | Conical Sealing | 1 | ! KT-1428 | 228296 | Cable Leads 10m (35ft) w/ gas hose 1,8m (6ft) | 1 | | |
| 2. | T-11844 | 220705 | Receptacle Q. D. | 1 | ! KT-1437 | 228415 | Cable Leads 10m (35ft) w/ gas hose 2,4m (8ft) | 1 | | |
| 2a. | N-18108 | O-KR-45x3,5B | O-Ring | 1 | ! KT-1429 | 228297 | Cable Leads 15m (50ft) w/ gas hose 1,8m (6ft) | 1 | | |
| 3. | T-11769 | T-11769 | Connector Tube HPR with O-Rings | 1 | ! KT-1436 | 228416 | Cable Leads 15m (50ft) w/ gas hose 2,4m (8ft) | 1 | | |
| 3a. | N-10055 | 1-009S | O-Ring | 1 | ! KT-1430 | 228547 | Cable Leads 20m (65ft) w/ gas hose 1,8m (6ft) | 1 | | |
| 4. | T-11854 | 220789 | Mounting Sleeve XD | 1 | ! KT-1434 | 228546 | Cable Leads 20m (65ft) w/ gas hose 2,4m (8ft) | 1 | | |
| !5. | KT-1423 | 228291 | Cable Leads 2m (6ft) w/ gas hose 1,8m (6ft) | 1 | !!! KT-1435 | DEMO HPRXD | Torch + cable leads 0,8m, for exhibition only,inoperative! | 1 | | |
| ! | KT-1440 | 228410 | Cable Leads 2m (6ft) w/ gas hose 2,4m (8ft) | 1 | NS KT-1477 | K.HPRXD.4,5M.6GAS | Torch with Leads 4,5m (6') | 1 | | |
| ! | KT-1424 | 228292 | Cable Leads 3m (10ft) w/ gas hose 1,8m (6ft) | 1 | More types of cable leads are available on request | | | | | |
| ! | KT-1439 | 228411 | Cable Leads 3m (10ft) w/ gas hose 2,4m (8ft) | 1 | 1a, 1b, | 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 | | | |
| ! | KT-1425 | 228293 | Cable Leads 4,5m(15ft) w/ gas hose 1,8m(6ft) | 1 | 1c, 3, T-11864 | | | 1 | | |
| ! | KT-1438 | 228412 | Cable Leads 4,5m(15ft) w/ gas hose 2,4m(8ft) | 1 | 3a | | | | | |
| I | KT-1426 | 228294 | Cable Leads 6m (20ft) w/ gas hose 1,8m (6ft) | 1 | Torch with leads as | vailable on request | | | | |

! 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



CONSUMABLES SUITABLE FOR PLASMA CUTTING SYSTEMS HYPERTHERM® HPR®130XD/HPR®260XD.

NOW YOU CAN CHOOSE THE OPTIMAL SOLUTION FOR YOUR OPERATION. ONLY THERMACUT OFFERS YOU TO BE FREE TO CHOOSE

OUR COMPLETE OFFERING OF CONSUMABLES AND SPARE PARTS WHICH ARE SUITABLE FOR HPR®130XD/HPR®260XD INCLUDES:

- Shields with special resistance against sticking melts.
- Electrodes with Silver PRO technology and SilverEX-® electrodes allows you to increase lifetime comparing to ordinary copper electrodes.
- Two nozzle types one-piece and two-piece construction.

IMPROVED SHIELD

WITH MELT RESISTENT SURFACE

The shields are protected by the special coating which increases the resistance against abrasion and melting comparing to the ordinary copper shield. Next improvement is the unique holes on the surface of the shield which are much less predisposed to be plugged comparing to the ordinary shield.

Our design improvements result in:

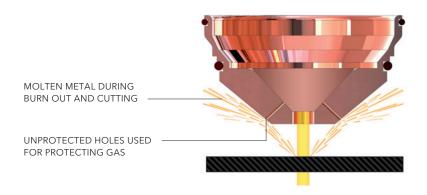
- Decrease of your operation costs due to longer lifetime of the shield typically while cutting material thickness
 15mm and more.
- Decrease of coolant consumption which is not necessary to cool our shield design.



THERMACUT SHIELD -CONSTRUCTION PROTECTING GAS FLOW

OEM SHIELD REF. NO. 220764

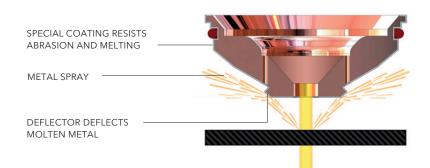
OEM SHIELD AFTER 500 STARTS





THERMACUT SHIELD REF. NO. 220764-UR

THERMACUT SHIELD AFTER 500 STARTS





ELECTRODES FOR PLASMA CUTTING SYSTEMS HYPERTHERM® HPR®130XD/HPR®260XD

CHOOSE FROM THREE TYPES DETERMINED BY YOUR PLASMA OPERATION WORKLOAD AND TO OPTIMIZE YOUR COSTS

COPPER ELECTRODES STANDARD LIFETIME FOR FAVOURABLE COSTS

Ordinary copper electrode with standard lifetime and lower purchasing price.



SILVER PRO ELECTRODES OPTIMUM COMBINATION OF COPPER AND SILVER MAKING LONGER LIFETIME

Increase the performance of your plasma cutting system. Silver PRO electrodes are the optimal combination of a copper body and a silver insert which allows to reach:

- Better conductivity of heat.
- Optimum electrode cooling by the silver insert.
- Longer lifetime in comparison with copper electrodes.



SilverEX-® ELECTRODES FOR MAXIMUM PERFORMANCE OF YOUR SYSTEM

SilverEx-® wholesilver electrodes allows you to get maximum productivity of your plasma cutting system. These electrodes are typically used for mechanized cutting of thicker materials, longer cutting and for multiple shifts operations. Main advantages of SilverEx-® electrodes:

- Cutting speeds 20% faster comparing to the copper electrode - depends on cutting conditions and machine settings.
- Excellent cooling due to better heat conduction from hafnium insert through silver body.
- 2.5 longer lifetime compared to the copper electrode.



TWO-PIECE NOZZLE REF. NO. 220354



CHOICE OF NOZZLE TYPES

OUR DESIGNS INCLUDES EITHER STANDARD ONE-PIECE OR TWO-PIECE NOZZLE

- Two-piece nozzle for maximum performance and ideal cut quality, fully interchangeable with OEM parts.
- One-piece nozzle allows up to 10% oxygen savings and reduces the purchasing price which optimizes the ratio of price/performance.

THE THERMACUT DIFFERENCE: THERMACUT PROVIDES YOU WITH THE CARE YOU NEED FOR YOUR COMPLEX PLASMA CUTTING SYSTEM

Your plasma cutting system is a complex piece of equipment. Thermacut offers not only replacement consumables, but also replacement torches and leads. We also offer you advice and training from our experienced Thermacut specialists to help you get the most out of your equipment.

OUR GOAL IS TO PROVIDE A COMPLETE CARE NETWORK FOR OUR CUSTOMERS, INCLUDING:

- Free consumable samples: put our consumables to the test on your plasma cutting system.
- For more information please call: +420 556 423 440.
- Supply our customers with a complete range of consumables, torches, and leads.
- Free introductory training for your plasma cutting operator.
- Providing free inspections of your torches and lead assemblies.
- Provide repairs for your damaged torches and lead assemblies.
- Training based on the most commonly-used plasma cutting systems in our lab.
- Additional products for use in the metal-cutting industry including laser and oxy-fuel.
- Control of technical conditions of cutting system.
- Measuring of conductivity of the coolant.

REASONS TO BUY THERMACUT PARTS:

- Our quality is equal to OEM quality, but with a much more reasonable cost.
- Our Sales Representatives not only assist you with purchasing our products, but are also technically trained and able to provide troubleshooting help as well as advice be it over the phone or on-site.
- We are able to provide you with not just consumables, but also replacement torches and lead assemblies.
- We offer the ability to repair your worn or damaged torch and lead sets.
- We can provide technical training focused on the most commonly-used plasma cutting systems.

