

THERMACUT SMART SOLUTION OF REPLACEMENT PARTS SUITABLE FOR HYPERTHERM® PLASMA CUTTING SYSTEMS POWERMAX® 65 POWERMAX® 85 POWERMAX® 105 AND HAND/MACHINE TORCH DURAMAX®

FEATURES

- REDESIGNED SWIRL RING
- PATENTED ELLIPTICAL NOZZLE
- UNIQUE DESIGN OF SHIELD AND RETAINING CAP

BENEFITS

- IMPROVED LIFETIME OF CONSUMABLES
- IMPROVED COOLING OF CONSUMABLES
- IMPROVED RESISTANCE AGAINST BLOWBACK OF MELTED METAL
- EXCELLENT CUT QUALITY
- ELIMINATING THE MATERIAL WASTE OF MULTIPLE SPRINGS

THERMACUT®
THE CUTTING COMPANY®



YEARS OF EXPERIENCE, LIFE TESTING, UNIQUE IMPROVED DESIGN AND THE EFFORT TO IMPROVE THE SPEED AND CUT QUALITY OF YOUR PLASMA CUTTING SYSTEM. THIS IS WHY THERMACUT STRIVES TO BRING **SMART SOLUTION** TO OUR CUSTOMERS WHENEVER POSSIBLE.

UNIQUE SOLUTION OF TWO PIECE SWIRL RING

OUR DESIGN REMOVES THE SPRING FROM THE ELECTRODE AND PLACES IT IN A SEPARATE BACK CAP, WHICH IS INCLUDED FREE OF CHARGE WITH THE PURCHASE OF A PACKAGE OF FIVE ELECTRODES, ELIMINATING THE MATERIAL WASTE OF MULTIPLE SPRINGS WHILE IMPROVING THE LIFE OF THE ELECTRODES.

PATENTED ELLIPTICAL NOZZLE

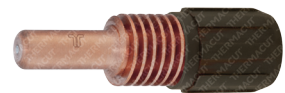
THE PATENTED ELLIPTICAL SHAPE OF THE NOZZLE COMBINED WITH SHIELD AND RETAINING CUP USE A MODIFIED GAS FLOW DESIGN, WHICH OFFERS IMPROVED CONSUMABLE COOLING AND FOCUSING OF THE PLASMA ARC WITH A STRONG GAS SHIELDING BARRIER. THIS RESULTS IN IMPROVED CONSUMABLE LIFETIME AND CUT QUALITY AND RESISTANCE AGAINST THE BLOWBACK OF MELTED METAL.

THERMACUT ELECTRODE, SWIRL RING AND SWIRL RING HOLDER MUST BE USED AS A SET. IF THESE THREE PARTS ARE USED AS A SET, THE REMAINING CONSUMABLES CAN BE OEM.

SWIRL RING
220857-UR
220994-UR



ELECTRODE AND SWIRL RING HOLDER
220842 (5 PIECES)



SHIELD
220817-UR
220818-UR



NOZZLE
220941-UR
220819-UR
220816-UR



THERMACUT 45/65/85A SHIELD AND NOZZLE MUST BE USED AS A SET. IF THESE TWO PARTS ARE USED AS A PAIR, THE REMAINING CONSUMABLES CAN BE OEM.

SHIELD
220993-UR
220992-UR



RETAINING CAP 105A
T-11932
T-11422



NOZZLE
220990-UR



THERMACUT 105A SHIELD, NOZZLE AND RETAINING CAP MUST BE USED AS A SET. IF THESE THREE PARTS ARE USED AS A SET, THE REMAINING CONSUMABLES CAN BE OEM.

RETAINING CAP 105A
T-11932
T-11422



RETAINING CAP 45/65/85A
220854-UR
220953-UR



DIFFERENT RETAINING CAPS HAVE TO BE USED FOR 105A AND FOR 45/65/85A!

A GLOBAL PROVIDER OF THERMAL CUTTING TECHNOLOGY

THERMACUT®
THE CUTTING COMPANY®

SALES DEPARTMENT THERMACUT, K. S.
DUKELSKÁ 76A, ŠENOV U NOVÉHO JIČINA 742 42
TEL.: +420 556 423 440
E-MAIL: SALES@THERMACUT.CZ, WWW.THERMACUT.CZ

THERMACUT®, FHT-EX® AND EX-TRAFIRE® ARE REGISTERED TRADEMARKS OF THERMACUT, K. S. AND MAY BE REGISTERED IN CZECH REPUBLIC AND/OR OTHER COUNTRIES. ALL OTHER TRADEMARKS ARE PROPERTIES OF THEIR RESPECTIVE OWNERS. THERMACUT IS NO WAY AFFILIATED WITH HYPERTHERM®.

