



FOR PRICE LISTING
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PLASMA CUTTING

Replacement Parts

Suitable For

P-TRON®

Torch Model	Power Supply Model
PZ-20	

T-106 Shield Cup
T-105 Tip
T-104 Gas Distributor
T-103 Electrode
T-102 Hand Torch, PCH20
T-108 O-Ring

Minimum pressure from the compressed air source to the air regulator is 60 psi (4.1 BAR). Maximum pressure must not exceed 100 psi (6.9 BAR)

Thickness
3/16
1/8
1/16

Minute 0 20 40 60 80 100 120 140 160

Cutting Range
Air Supply Requirements

Suitable For

P-TRON®

Torch Model	Power Supply Model
PZ-75	

T-505 Crown Shield Cup
T-504 Shield Cup
T-506 Tip
T-507 Electrode

Suitable For

P-TRON®

Torch Model	Power Supply Model
PZ-100	

T-435 Shield Cup
T-436 Tip, "S"
T-437 Tip, "H"
T-438 Electrode

Suitable For

POWCON®

Torch Model	Power Supply Model
PT-80	

T-1280 Gas Cup
T-1281 Standoff Cup
T-1543 Tip, .055
T-1544 Tip, .040
T-1545 Tip, .048
T-1546 Tip, .060
T-1547 Electrode

Left hand Threads

Note: Powcon used on a variety of torches see Hypertherm & Thermal Dynamics for identification

Suitable For

SAF®

Torch Model	Power Supply Model
CP40R, CP100R	TPM-251, 401

PX51800 Buggy
T-465 Tip, 1,0 mm
T-466 Tip, 1,2 mm
T-467 Tip, 1,6 mm
T-431 Spacer Spring
T-464 Tip, 20/40
T-3549 Electrode, Zr
T-433 Electrode, Hf
ITEM NOT SHOWN:
T-434 Drill Plate

Suitable For

SMITH-MERKLE®

Torch Model	Power Supply Model
N/A	N/A

1 each

T-1996 Shielding Cup with Wire Stand-off
T-1995 Shielding Cup only
Cutting Nozzle Tip
T-1538 1,0mm 35 Amp
T-1539 1,2mm 50 Amp
T-1540 1,4mm 80 Amp
T-1541 1,5mm 110 Amp
T-1603 1,8mm 120 Amp
T-1542 Electrode

Suitable For

SNAP-ON®

Torch Model	Power Supply Model
SYA5550	

T-3425 Retaining Cap
T-3432 Nozzle, LC
T-3431 Nozzle, HC
T-3388 Electrode
T-3437 Swirl Ring
T-038 (T-3458) O-ring

REQUIREMENT:
Gas: Air, Nitrogen
Pressure: 80 psi
Flow: 4,5 scfm
Max Thickness: 3/8 inch

Suitable For

SOLAR®

Torch Model	Power Supply Model
20-20 (MAX@20)	n/a

T-3440 (T-032) Retaining Cap
T-3447 (T-033) Nozzle
T-3448 Nozzle Tip, Extended
T-3453 (T-036) Electrode
T-3454 Electrode, Extended
T-3450 (T-035) Swirl Ring
T-3458 (T-038) O-Ring

REQUIREMENTS:
Gas: Air
Pressure: 60 psi
Flow: 4.0 scfm
Max. Cutting Thickness: 3/16"

Suitable For

SOLAR®

Torch Model	Power Supply Model
20-40 (MAX@40)	n/a

T-3461 (T-043) Retaining Cap
T-3394 (T-045) Nozzle
T-3481 (T-051) Swirl Ring
T-3483 (T-035) Electrode
T-095 Torch Insulator
T-3477 (T-044) Retaining Cap, Tapered
T-3479 (T-048) Nozzle
T-3458 (T-038) O-Ring
T-055 Torch Head

Optimum Cutting Speed Air Plasma on Mild Steel 40 Amps

Thickness
3/8
1/4
1/8
1/16

0 40 80 120 160 180 IPM
Cutting Speed

REQUIREMENTS:
Gas: Air, Nitrogen
Pressure: 60 psi
Flow: 4.0 scfm

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