

# PLASMA

## TORCHES & CONSUMABLES



TORCHES  
CONVERSION KITS  
CONSUMABLES  
REPLACEMENT PARTS

American Torch Tip *PHD*<sup>®</sup>, *PHDX*<sup>™</sup> and Most Other Brands  
Made In the USA

AMERICAN  
TORCH TIP **ATTC**<sup>®</sup>

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**260 PHDX™ SERIES (50 – 260 AMP) TORCH KITS**

**PLASMA**

Part #	Amperage	Power Supply	Plasma Gas	Shield Gas	Material	Notes
90-7901	260	260X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7902	200	260X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7903	130	260X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7904	80	260X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7905	50	260X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7907	260	260X	O <sub>2</sub>	Air	Mild Steel	Bevel Cutting
90-7910	130	260X	O <sub>2</sub>	Air	Mild Steel	Bevel Cutting

**PLASMA HIGH DENSITY**

**Lower Operating Costs**

Test results show PHDX™ torches and consumables result in a clean-cut profile, negligible unintended bevel and easily removable dross.

**Lifetime Warranty**

The best torch warranty in the industry.

**Made in the USA**

Engineered to stringent tolerances.

**Quality Checked**

Torches are helium leak tested. Consumables are vision tested.

**Kit Includes**

- 1 Quick Disconnect Torch
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Nozzle Retaining Cap
- 2 Shields
- 1 Shield Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicon Lubricant
- 1 O-ring Kit



(Kits available for Hypertherm® 260XD system) \*\*



**260 PHDX™ SERIES (50 – 130 AMP) CONSUMABLES**

(To be used with HPR 260 XD® Systems\*\*)



(Typical setup shown. Parts for your application may look slightly different)

Amperage	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
50	90-0747	90-0555	90-0754	90-0554	90-0553	90-0552	90-0340
80	90-0747	90-0189	90-0756	90-0188	90-0179	90-0187	90-0340
130	90-0747	90-0183	90-0756	90-0182	90-0179	90-0181	90-0340
130	90-0747	90-0183	90-0756	90-0182	90-0179	90-0665 (silver)	90-0340
<b>Stainless Steel</b>							
45	90-0747	90-0202	90-0755	90-0201	90-0180	90-0308	90-0340
80	90-0747	90-0338	90-0755	90-0337	90-0179	90-0339	90-0340
130	90-0747	90-0198	90-0755 (H35) 90-0756 (N2)	90-0197	90-0179	90-0307	90-0340
<b>Aluminum</b>							
45	90-0747	90-0202	90-0756	90-0201	90-0180	90-0308	90-0340
130	90-0747	90-0198	90-0755 (H35) 90-0756 (Air)	90-0197	90-0179	90-0307 (H35) 90-0181 (Air)	90-0340

**260 PHDX™ SERIES (200 – 260 AMP) CONSUMABLES**

(To be used with HPR 260 XD® Systems\*\*)



† Shield Cap and Shield must be used in combination for proper operation.

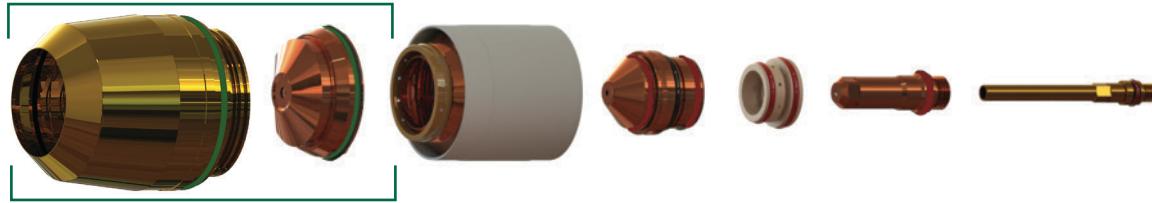
Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
200	90-0637	90-0761	*220757	90-0354	90-0353	90-0352	90-0340
200	90-0637	90-0761	*220757	90-0354	90-0353	90-0666 (silver)	90-0340
260	90-0637	90-0764	*220760	90-0439	90-0436	90-0435	90-0340
260	90-0637	90-0764	*220760	90-0439	90-0436	90-0668 (silver)	90-0340
<b>Stainless Steel</b>							
200	90-0637	90-0762	*220758	90-0343	90-0342	90-0307	90-0340
260	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340
<b>Aluminum</b>							
200	90-0637	90-0762	*220759	90-0346	90-0342	90-0307	90-0340
260	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340

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**260 PHDX™ SERIES (80 – 260 AMP) BEVELING CONSUMABLES**

(To be used with HPR 260 XD® Systems\*\*)



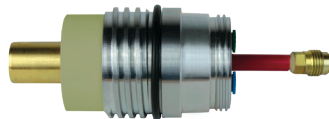
† Shield Cap and Shield must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel - Beveling</b>							
80	90-0637	90-0742	*220845	90-0806	90-0179	90-0802	90-0700
130	90-0637	90-0742	*220740	90-0646	90-0179	90-0649	90-0700
200	90-0637	90-0658	*220845	90-0659	90-0353	90-0662	90-0700
260	90-0637	90-0741	*220740	90-0542	90-0436	90-0541	90-0571
<b>Stainless Steel - Beveling</b>							
130	90-0637	90-0738	*220739	90-0656	90-0179	90-0606	90-0571
260	90-0637	90-0738	*220739	90-0607	90-0405	90-0606	90-0571

**260 PHDX™ SERIES (50 – 260 AMP) PARTS & ACCESSORIES**



90-0706  
Quick Disconnect Torch Body



90-0705  
Quick Disconnect Receptacle



90-0788  
Torch Mounting Sleeve Assembly Short 4.5"

90-8879  
Torch Kit: O-rings, Water Tube, Seal

90-0789  
Torch Mounting Sleeve Assembly Standard 7"

90-8880  
Quick Disconnect Kit: O-ring, Connector

90-0790  
Torch Mounting Sleeve Assembly Long 9"



60-0000  
Water Tube Removal Tool



60-4119  
Consumable Removal Tool

**CleanCut™**  
Next-Generation Plasma Consumables  
are available for the 260 PHDX™ series.  
[Click here for Free Trial!](#)

**PLASMA**

**400 PHDX™ SERIES (50 – 400 AMP) TORCH KITS**

**PLASMA**

Part #	Amperage	Power Supply	Plasma Gas	Shield Gas	Material	Notes
90-7900	400 amp	400X	O <sub>2</sub>	Air	Mild Steel	Straight & Bevel Cutting
90-7901	260 amp	400X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7902	200 amp	400X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7903	130 amp	400X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7904	80 amp	400X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7905	50 amp	400X	O <sub>2</sub>	Air	Mild Steel	Standard Cutting
90-7907	260 amp	400X	O <sub>2</sub>	Air	Mild Steel	Bevel Cutting
90-7910	130 amp	400X	O <sub>2</sub>	Air	Mild Steel	Bevel Cutting

**PLASMA HIGH DENSITY**

**Lower Rework Costs**

- Bevel less than 2°
- Minimal dross

**Quality Checked**

- Torches are Cognex tested
- All consumables are tested for dimensional accuracy

**Lifetime Warranty**

- The best torch warranty in the industry

**Kit Includes**

- 1 Quick Disconnect Torch
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Nozzle Retaining Cap
- 2 Shields
- 1 Shield Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicone Lubricant
- 1 O-ring Kit



(Kits available for Hypertherm® 400XD system) \*\*

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**400 PHDX™ SERIES (50 – 130 AMP) CONSUMABLES**



(Typical setup shown. Parts for your application may look slightly different)

**PLASMA**

Amperage	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
50	90-0747	90-0555	90-0754	90-0554	90-0553	90-0552	90-0340
80	90-0747	90-0189	90-0756	90-0188	90-0179	90-0187	90-0340
130	90-0747	90-0183	90-0756	90-0182	90-0179	90-0181 90-0665 (silver)	90-0340
<b>Stainless Steel</b>							
45	90-0747	90-0202	90-0755	90-0201	90-0180	90-0308	90-0340
80	90-0747	90-0338	90-0755	90-0337	90-0179	90-0339	90-0340
130	90-0747	90-0198	90-0755 (H35) 90-0756 (N2)	90-0197	90-0179	90-0307	90-0340
<b>Aluminum</b>							
45	90-0747	90-0202	90-0756	90-0201	90-0180	90-0308	90-0340
130	90-0747	90-0198	90-0755 (H35) 90-0756 (Air)	90-0197	90-0179	90-0307 (H35) 90-0181 (Air)	90-0340

**400 PHDX™ SERIES (200 – 400 AMP) CONSUMABLES**

(To be used with HPR 400 XD®) \*\*



† These 2 parts (Shield Cap and Shield) must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
200	90-0637	90-0761	*220757	90-0354	90-0353	90-0352 90-0666 (silver)	90-0340
260	90-0637	90-0764	*220760	90-0439	90-0436	90-0435 90-0668 (silver)	90-0340
<b>Stainless Steel</b>							
200	90-0637	90-0762	*220758	90-0343	90-0342	90-0307	90-0340
260	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340
400	90-0637	90-0707	*220712	90-0708	90-0405	90-0709	90-0571
<b>Aluminum</b>							
200	90-0637	90-0762	*220759	90-0346	90-0342	90-0307	90-0340
260	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340

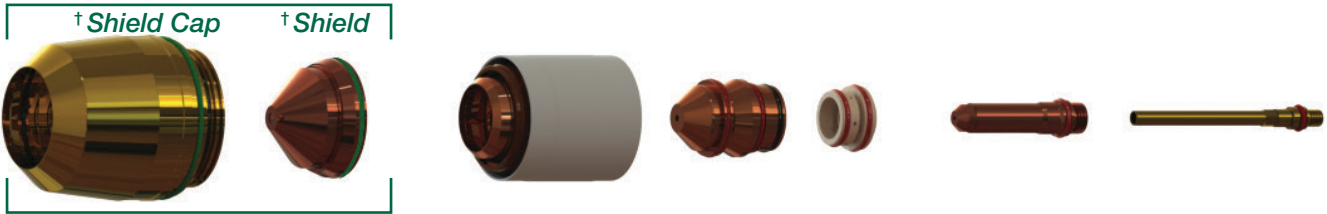
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**PLASMA**

(To be used with HPR 400 XD<sup>®</sup>) \*\*

**400 PHDX™ SERIES (50 – 130 AMP) CONSUMABLES**



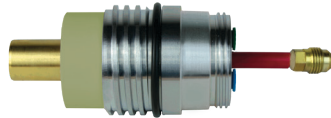
† These 2 parts (Shield Cap and Shield) must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel - Beveling</b>							
80	90-0637	90-0742	*220845	90-0806	90-0179	90-0802	90-0700
130	90-0637	90-0742	*220740	90-0646	90-0179	90-0649	90-0700
260	90-0637	90-0741	*220740	90-0542	90-0436	90-0541	90-0571
<b>Stainless Steel - Beveling</b>							
130	90-0637	90-0738	*220739	90-0656	90-0179	90-0606	90-0571
260	90-0637	90-0738	*220739	90-0607	90-0405	90-0606	90-0571

**400 PHDX™ SERIES (50 – 400 AMP) PARTS & ACCESSORIES**



90-0706  
Quick Disconnect Torch Body



90-0705  
Quick Disconnect Receptacle



90-0788  
Torch Mounting Sleeve Assembly Short 4.5"

90-8879  
Torch Kit: O-rings, Water Tube, Seal

90-0789  
Torch Mounting Sleeve Assembly Standard 7"

90-8880  
Quick Disconnect Kit: O-ring, Connector

90-0790  
Torch Mounting Sleeve Assembly Long 9"



60-0000  
Water Tube Removal Tool



60-4119  
Consumable Removal Tool

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**AMERICAN TORCH TIP - PHD<sup>®</sup>**

**PHD<sup>®</sup> 260 (50 – 260 AMP) TORCH CONVERSION KITS**

Part #	Amperage	Power Supply	Plasma Gas	Shield Gas	Material	Notes
60-9901	260	260	O <sub>2</sub>	Air	Mild Steel	
60-9902	200	260	O <sub>2</sub>	Air	Mild Steel	
60-9903	130	260	O <sub>2</sub>	Air	Mild Steel	
60-9904	80	260	O <sub>2</sub>	Air	Mild Steel	
60-9905	50	260	O <sub>2</sub>	Air	Mild Steel	
60-9907	260	260	O <sub>2</sub>	Air	Mild Steel	Bevel
60-9910	130	260	O <sub>2</sub>	Air	Mild Steel	Bevel

**PLASMA**

**Lower Operating Costs**

Quick Disconnect torch reduces down time for consumable replacement  
 Longer Lasting Consumables

**Better Cuts**

Stronger piercing capability  
 Cleaner cut eliminates costly secondary operations  
 Reduced bevel angle down to 1°

**Lifetime Warranty**

Longest warranty period in the industry

**Kits Available For**

HPR<sup>®</sup>-260

**Made in the U.S.**

Engineered and manufactured to stringent tolerances

**Kit Includes**

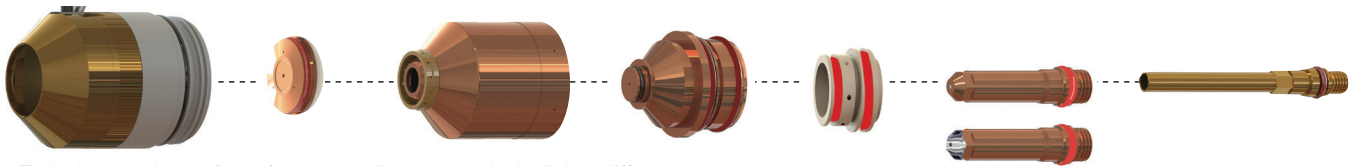
- 1 Quick Disconnect Torch
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Inner Retaining Cap
- 2 Shields
- 1 Outer Retaining Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicon Lubricant
- 1 O-ring Kit



**AMERICAN TORCH TIP - PHD<sup>®</sup>**

**PHD<sup>®</sup> 260 (30 – 130 AMP) CONSUMABLES**

(To be used with HPR<sup>®</sup> 260)



(Typical setup shown. Parts for your application may look slightly different)

Amps	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
30	60-0173	60-0194	60-0313	60-0193	60-0180	60-0192	60-0340
50	60-0173	60-0555	60-0313	60-0554	60-0553	60-0552	60-0340
80	60-0173	60-0189	60-0176	60-0188	60-0179	60-0187	60-0340
130	60-0173	60-0183	60-0176	60-0182	60-0179	60-0181	60-0340
130	60-0173	60-0183	60-0176	60-0182	60-0179	60-0665 (silver)	60-0340
<b>Stainless Steel</b>							
45	60-0173	60-0202	60-0304	60-0201	60-0180	60-0308	60-0340
80	60-0173	60-0338	60-0304	60-0337	60-0179	60-0339	60-0340
130	60-0173	60-0198	60-0304 (H35) 60-0176 (N2)	60-0197	60-0179	60-0307	60-0340
<b>Aluminum</b>							
45	60-0173	60-0202	60-0176	60-0201	60-0180	60-0308	60-0340
130	60-0173	60-0198	60-0304 (H35) 60-0176 (air)	60-0197	60-0179	60-0307 (H35) 60-0181 (air)	60-0340

**BEVELING PHD 260 (130 AMP) CONSUMABLES**

(To be used with HPR<sup>®</sup> 260)



(Typical setup shown. Parts for your application may look slightly different)

Amps	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel - Beveling</b>							
130	60-0398	60-0545	60-0603	60-0646	60-0179	60-0649	60-0571
<b>Stainless Steel - Beveling</b>							
130	60-0398	60-0609	60-0608	60-0656	60-0179	60-0606	60-0571

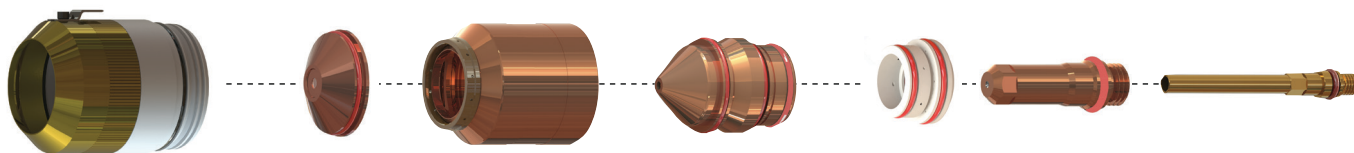
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**AMERICAN TORCH TIP - PHD®**

**PHD® 260 (200– 260 AMP) CONSUMABLES**

*(To be used with HPR® 260)*



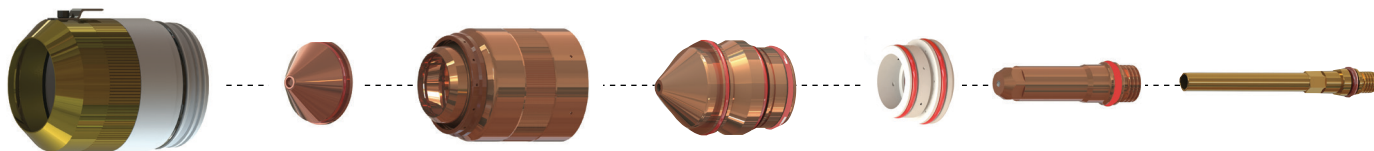
*(Typical setup shown. Parts for your application may look slightly different)*

**PLASMA**

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
200	60-0398	60-0356	60-0355	60-0354	60-0353	60-0352 60-0666 (silver)	60-0340
260	60-0398	60-0440	60-0433	60-0439	60-0436	60-0435 60-0668 (silver)	60-0340
<b>Stainless Steel</b>							
200	60-0398	60-0345	60-0344	60-0343	60-0342	60-0307	60-0340
260	60-0398	60-0407	60-0344	60-0406	60-0405	60-0307	60-0340
<b>Aluminum</b>							
200	60-0398	60-0345	60-0347	60-0346	60-0342	60-0307	60-0340
260	60-0398	60-0407	60-0344	60-0406	60-0405	60-0307	60-0340

**BEVELING PHD® 260 (260 AMP) CONSUMABLES**

*(To be used with HPR® 260)*



*(Typical setup shown. Parts for your application may look slightly different)*

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel - Beveling</b>							
260	60-0398	60-0545	60-0603	60-0542	60-0436	60-0541	60-0571
<b>Stainless Steel - Beveling</b>							
260	60-0398	60-0609	60-0608	60-0607	60-0405	60-0606	60-0571

**CleanCut™**  
**Next-Generation Plasma Consumables**  
**are available for the PHD 260 series.**  
**Click here for Free Trial!**

**CleanCut™**

**Next-Generation Plasma Consumables**  
From American Torch Tip

**BURN LONGER.  
CUT CLEANER.**

**CleanCut™**

*Designed to Work Together*

**CleanCut™ Electrode**

**Extend Electrode Life**

- More efficient cooling
- Extended hafnium electrode life
- 25% – 50% longer production time

**Prevent Nozzle Damage**

- Cooler silver electrodes diminish nozzle damage
- Nozzles paired with silver electrodes last longer

**CleanCut™ Rocket Nozzle**

(patent pending)

**Supercharge the Plasma Arc**

- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

**CleanCut™**

Click here to sign up for a **FREE TRIAL!**

**AMERICAN  
TORCH TIP ATTC®**

**AMERICAN TORCH TIP - PHD®**

**PHD® 2000 (50 – 200 AMP) COMPLETE KITS**

**PLASMA**

Part #	Amperage	Power Supply	Plasma Gas	Shield Gas	Material
55-9901	200	2000	O <sub>2</sub>	Air	Mild Steel
55-9903	100-130	2000	O <sub>2</sub>	Air	Mild Steel
55-9905	50	2000	O <sub>2</sub>	O <sub>2</sub>	Mild Steel
55-9908	200	2000	O <sub>2</sub>	Air	Mild Steel
55-9910	100-130	2000	O <sub>2</sub>	Air	Mild Steel

**Lower Operating Costs**

Quick Disconnect torch reduces down time for consumable replacement  
 Longer Lasting Consumables

**Better Cuts**

Stronger piercing capability  
 Cleaner cut eliminates costly secondary operations  
 Reduced bevel angle down to 1°

**Lifetime Warranty**

Longest warranty period in the industry

**Kits Available For**

HT2000®, Kaliburn® 2200, Kaliburn® 2260, Hypertherm®

**Made in the U.S.**

Engineered and manufactured to stringent tolerances

**Kit Includes**

- 1 Quick Disconnect Torch
- 1 Torch Receptacle
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Inner Retaining Cap
- 2 Shields
- 1 Outer Retaining Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicon Lubricant
- 1 O-ring Kit
- 1 Torch For Life Warranty

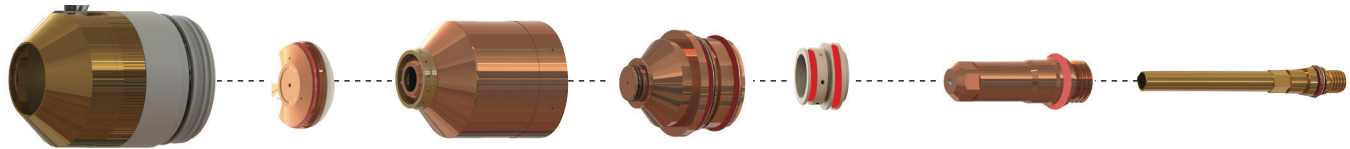




**AMERICAN TORCH TIP - PHD<sup>®</sup>**

**PHD<sup>®</sup> 2000 (40 – 100 AMP) COMPLETE KITS**

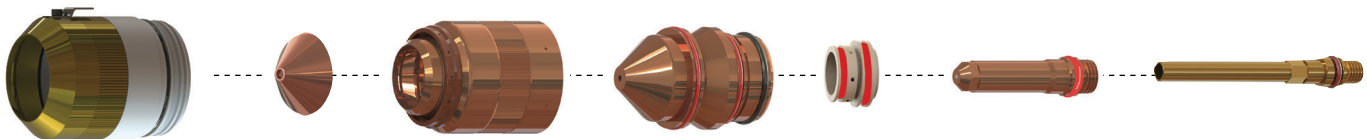
**PHD 2000 (40 – 100 AMP) CONSUMABLES**



*Outer Retainer    Shield Cap    Inner Retainer    Nozzle    Swirl Ring    Electrode    Water Tube*  
 (Typical setup shown. Parts for your application may look slightly different)

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
50	55-0173	55-0555	55-0313	55-0554	55-0553	55-0552	60-0340
100	55-0173	55-0983	55-0176	55-0510	55-0179	55-0181 55-0665 (silver)	60-0340
<b>Stainless Steel</b>							
40	55-0173	55-0202	55-0304	55-0901	55-0180	55-0308	60-0340
100	55-0173	55-0198	55-0176	55-0197	55-0179	55-0307	60-0340
<b>h</b>							
40	55-0173	55-0202	55-0304	55-0901	55-0180	55-0308	60-0340
100	55-0173	55-0198	55-0304 Air 55-0176 H35	55-0197	55-0179	55-0181 Air 55-0307 H35	60-0340

**BEVELING PHD 2000 (130 AMP) CONSUMABLES**



*Outer Retainer    Shield Cap    Inner Retainer    Nozzle    Swirl Ring    Electrode    Water Tube*  
 (Typical setup shown. Parts for your application may look slightly different)

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
130	55-0398	55-0645	55-0603	55-0646	55-0179	55-0649	60-0700
<b>Stainless Steel</b>							
130	55-0398	55-0609	55-0608	55-0656	55-0179	55-0606	60-0571

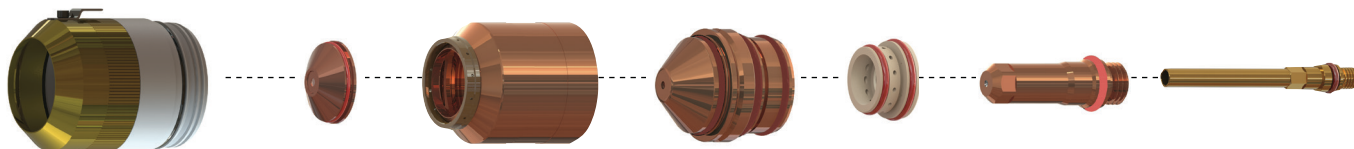
American Torch Tip Company is in no way affiliated with the above-named original equipment manufacturer(s) ("OEM"). References to the above-named machines, torches, and numbers are for your reference only. Most parts advertised for sale are made by or for American Torch Tip, and other parts as indicated, are original parts manufactured by above-named OEM and are simply being re-sold by American Torch Tip. Footnotes: \* = OEM; # = American Torch Tip is licensed to make and sell this part by named manufacturer; ATTC and ATT suffix = This part is an original American Torch Tip design and is not manufactured identical to the OEM design; © indicates a registered trademark, trade name, or product name of the above-named company. PHD®, PHDX™, Lightning®, Waltec™, Integra™, Lasertec Laser Division of American Torch Tip®, Multi-Use™ and ProMix™ are trademarks owned by American Torch Tip Company. © Copyright 2018, American Torch Tip Company

**CleanCut**<sup>™</sup>  
 Next-Generation Plasma Consumables  
 are available for the 2000 PHD<sup>™</sup> series.  
[Click here for Free Trial!](#)

**AMERICAN TORCH TIP**

**PLASMA**

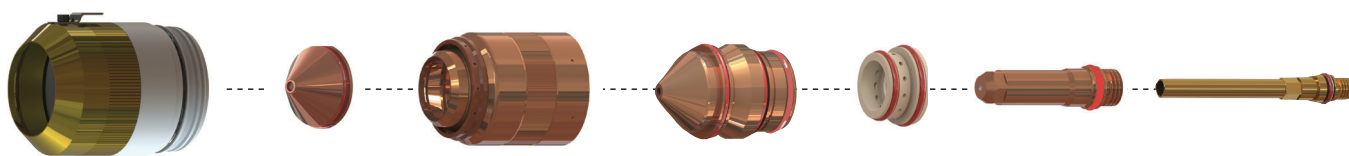
**PHD 2000 (200 AMP) CONSUMABLES**



**Outer Retainer    Shield Cap    Inner Retainer    Nozzle    Swirl Ring    Electrode    Water Tube**  
 (Typical setup shown. Parts for your application may look slightly different)

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
200	55-0398	55-0440	55-0433	55-0439 (2000) 55-0200 (200)	55-0436	55-0435	60-0340
<b>Stainless Steel</b>							
200	55-0398	55-0407	55-0344	55-0406	55-0405	55-0307	60-0340
<b>Aluminum</b>							
200	55-0398	55-0440 Air 55-0407 N <sub>2</sub>	55-0433 Air 55-0344 N <sub>2</sub>	55-0200 Air 55-0406 N <sub>2</sub>	55-0436 Air 55-0405 N <sub>2</sub>	55-0435 Air 55-0307 N <sub>2</sub>	60-0340

**BEVELING PHD 2000 (200-260 AMP) CONSUMABLES**



**Outer Retainer    Shield Cap    Inner Retainer    Nozzle    Swirl Ring    Electrode    Water Tube**  
 (Typical setup shown. Parts for your application may look slightly different)

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
260	55-0998	55-0545	55-0603	55-0542	55-0436	55-0541	60-0571
<b>Stainless Steel</b>							
200	55-0998	55-0609	55-0608	55-0607	55-0405	55-0606	60-0571

Note: 55-0998 does not have IHS tab

**AMERICAN TORCH TIP**

**PLASMA**

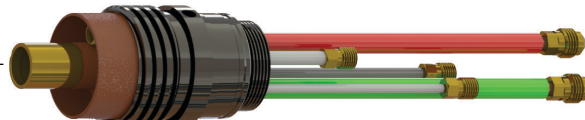
**PHD 2000 REPLACEMENT PARTS & ACCESSORIES**

**Quick Disconnect**

55-0162	Quick Disconnect Torch
55-0163	Quick Disconnect Torch Receptacle



55-0162



55-0163

*Above items must be used in combination. For proper operation, QD Torch, and QD Torch receptacle must be American Torch Tip brand parts.*

**Replacement Parts**

55-0894	Torch Mounting Sleeve 2"
55-0431	Torch Mounting Sleeve 1-3/4"
55-8546	25' (7.5m) Leads (Other lengths available. Call for information.)
55-8547	50' (15m) Leads (Other lengths available. Call for information.)
	Torch Kit: Bullet Plugs, O rings, Water Tube and Seal

**Tools**

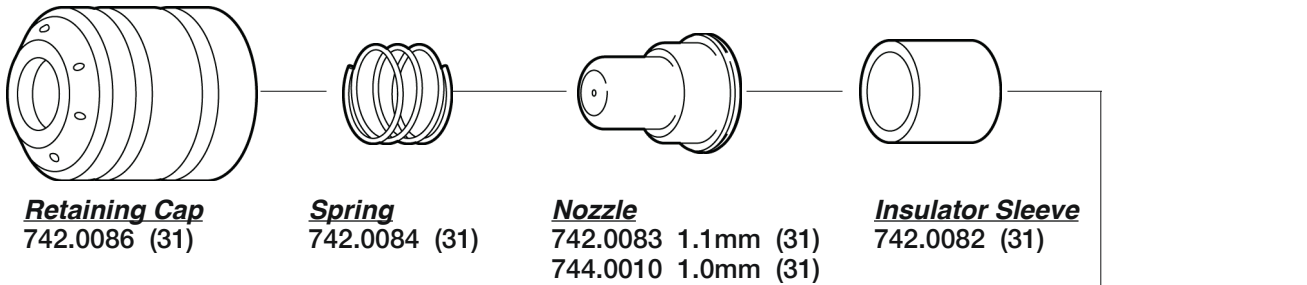
60-0000	Water Tube Wrench
60-4119	Consumable Tool



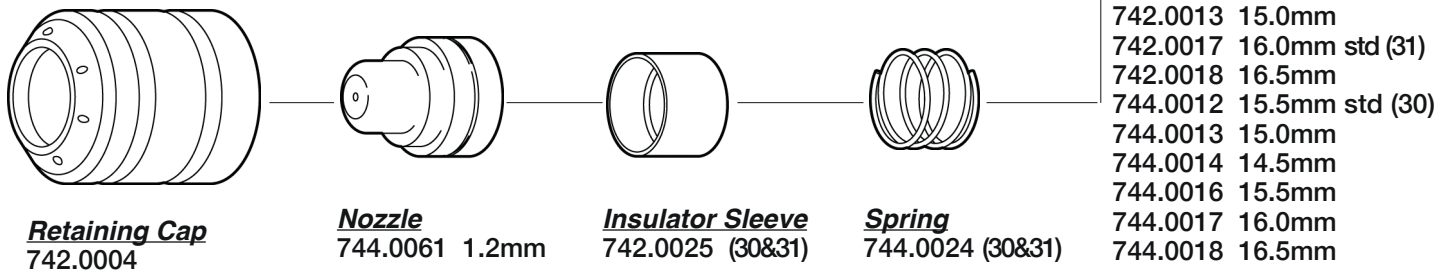
**BINZEL®**

**BINZEL® 30 & 31**

**OLD STYLE**



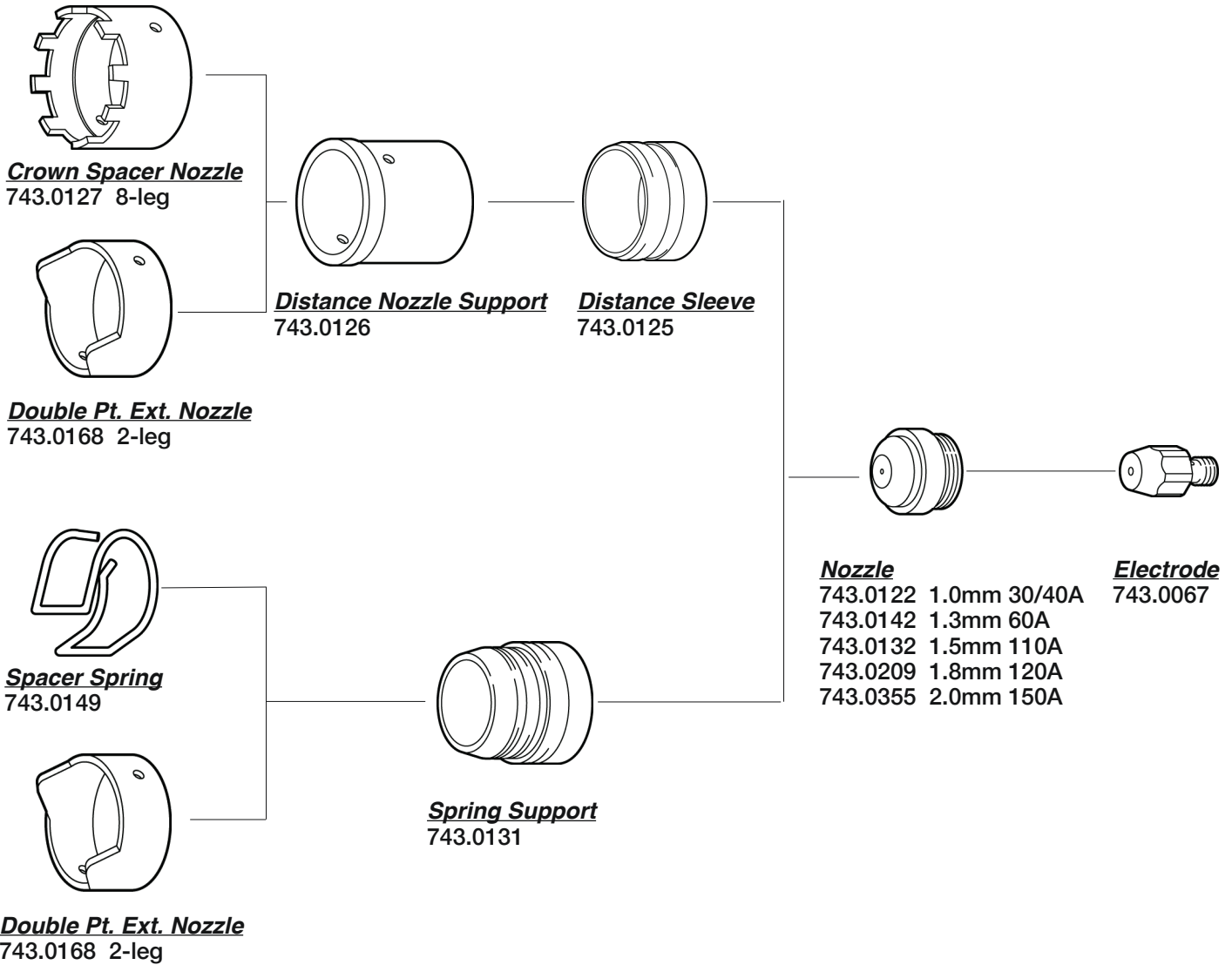
**NEW STYLE**



**Not Shown**

744.0011 Retaining Cap (old)

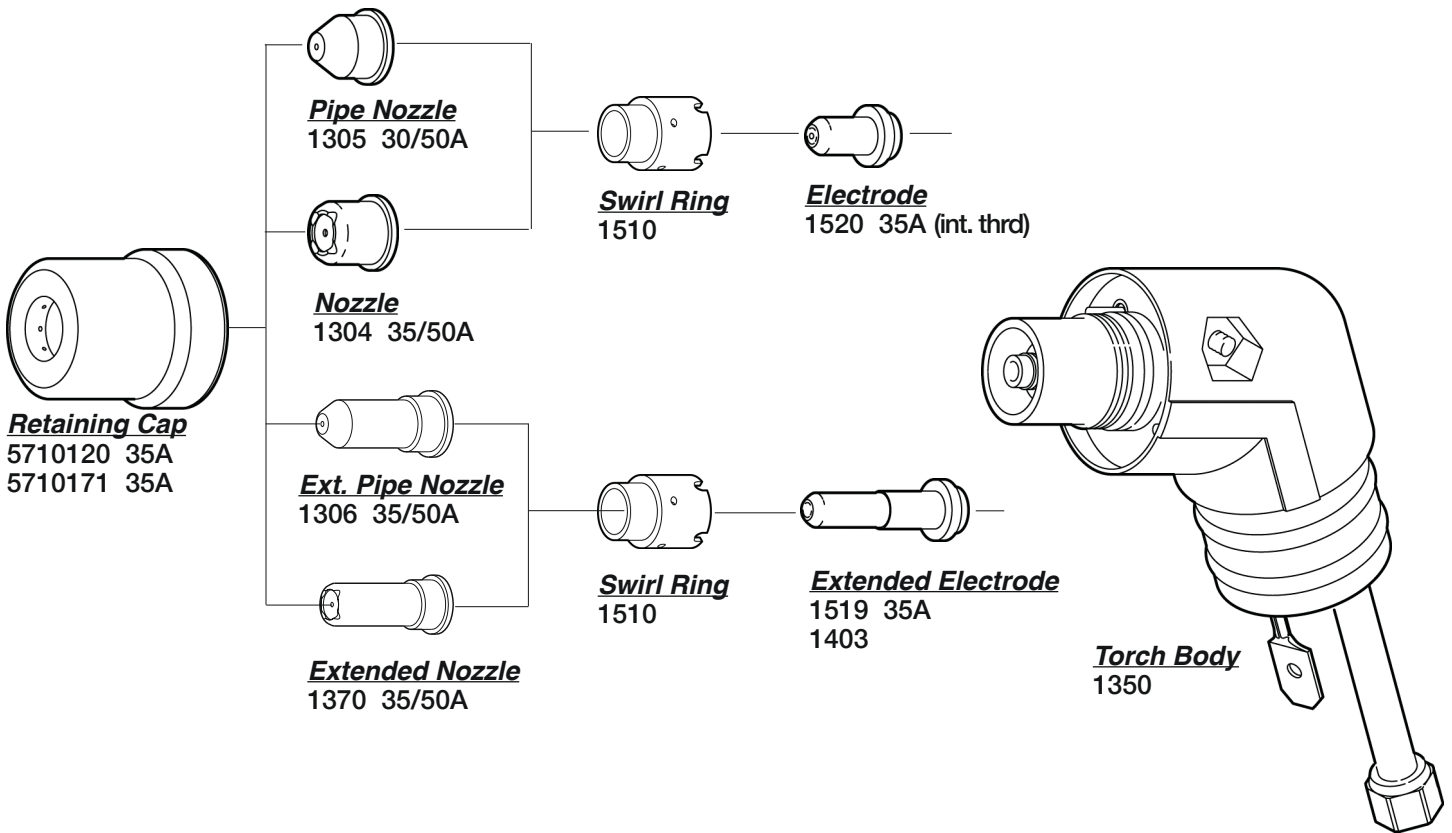
**PLASMA**



**CEBORA®**

**CEBORA® 20-35**

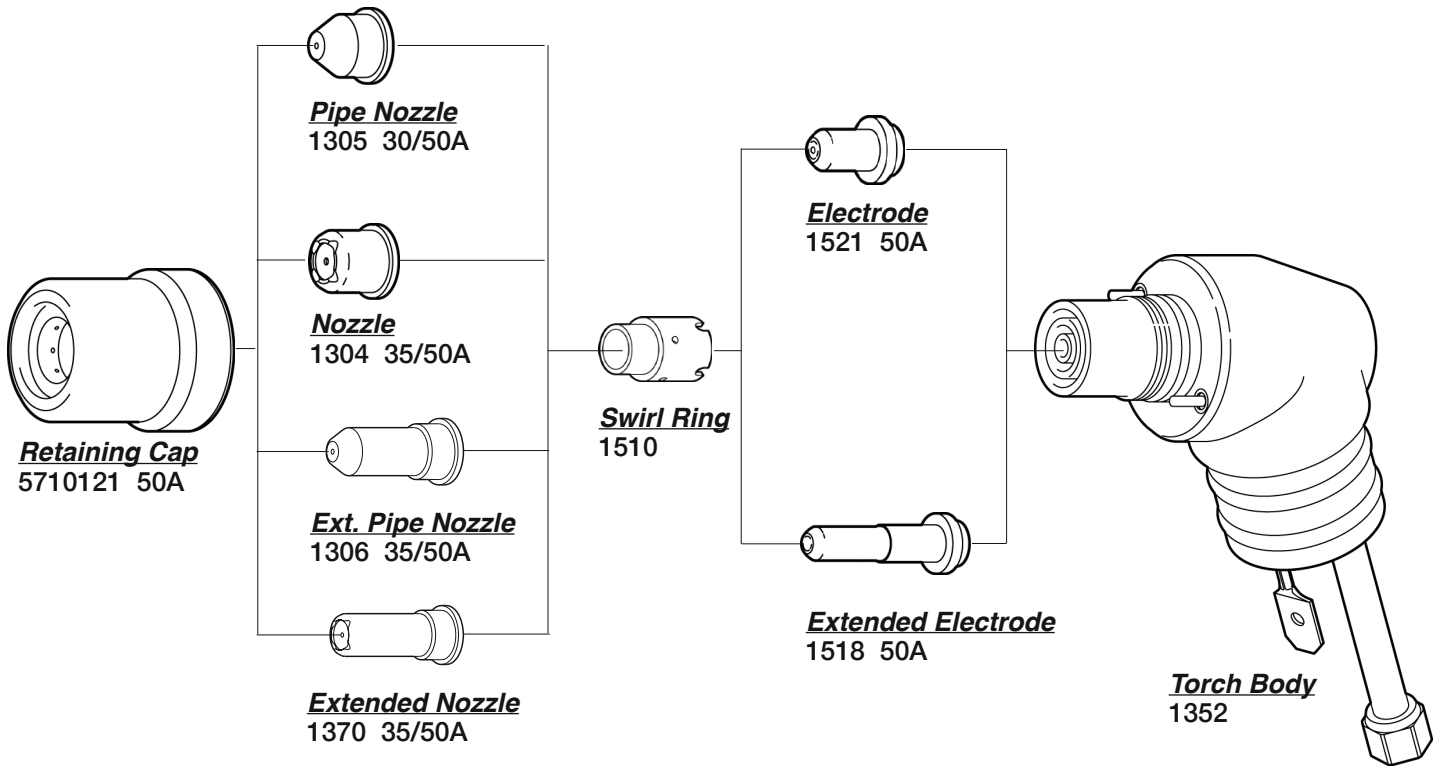
**PLASMA**





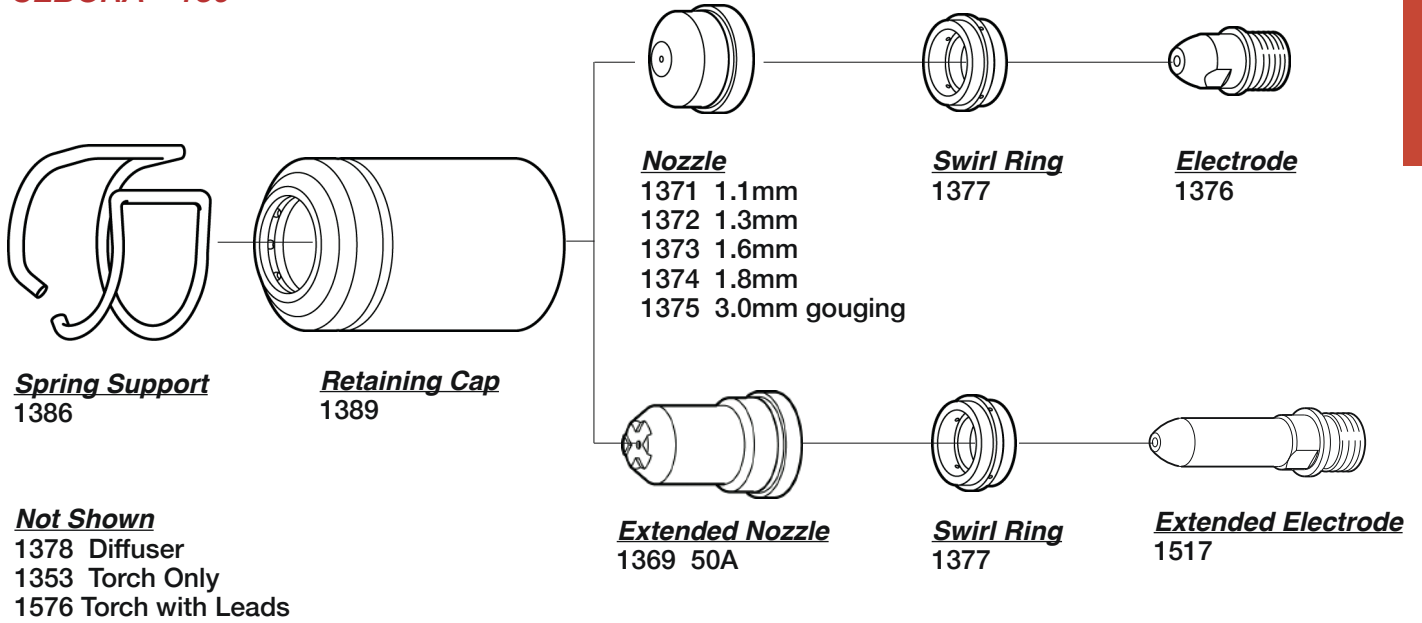
**CEBORA<sup>®</sup>**

**CEBORA<sup>®</sup> 20-50**

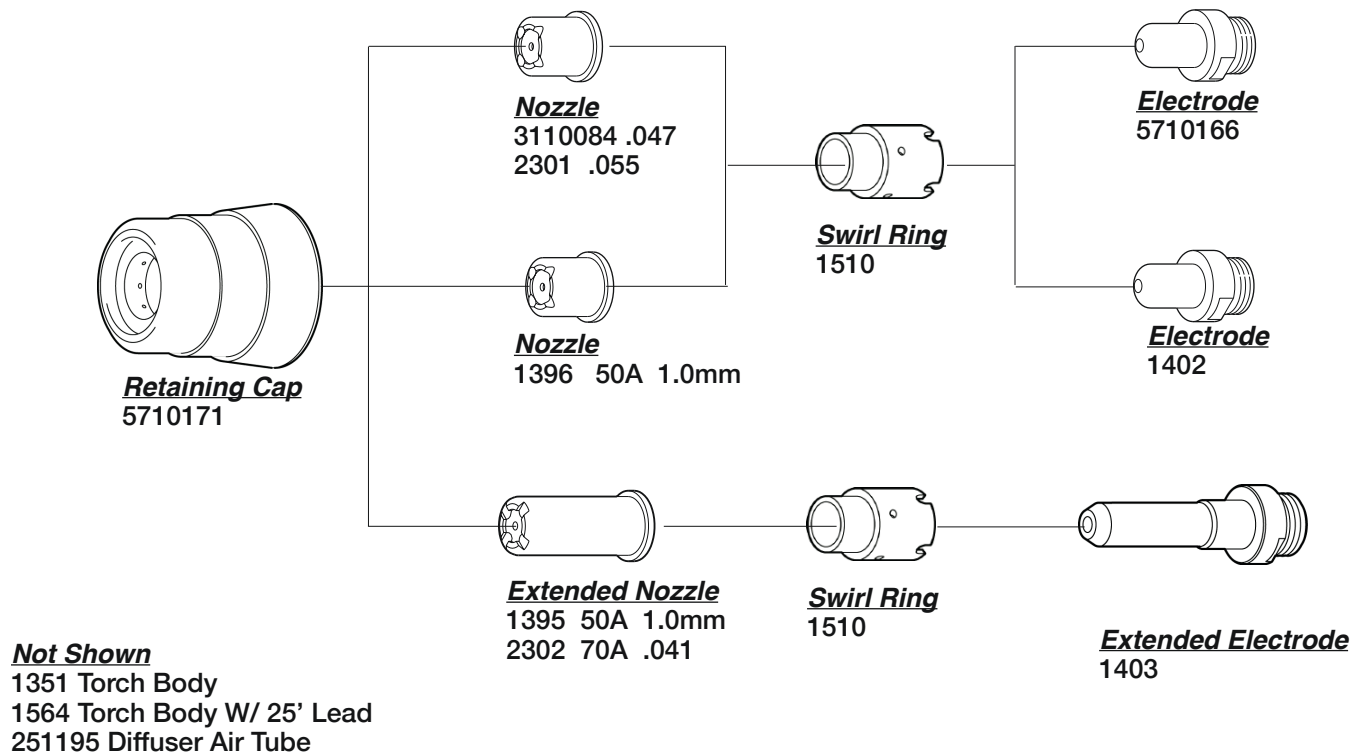


**CEBORA®**

**CEBORA® 150**

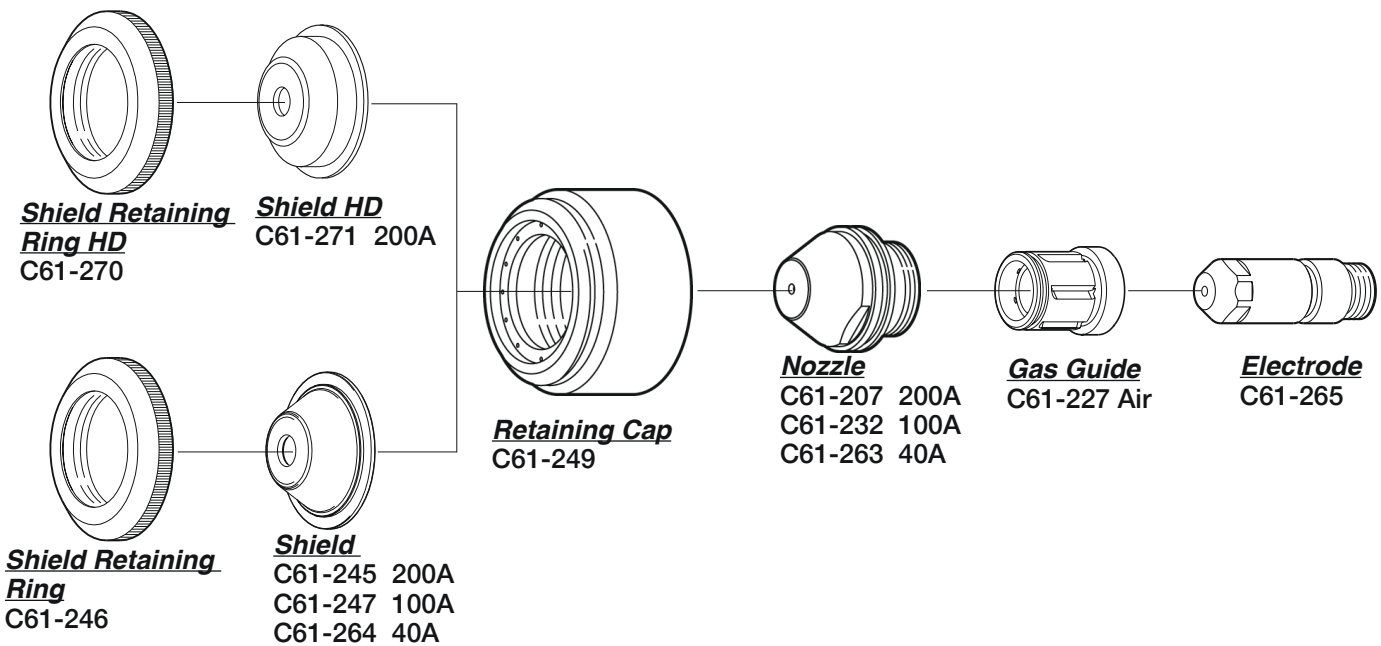


**CEBORA® A-70**



**CENTRICUT<sup>®</sup>**

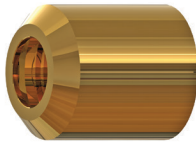
**CENTRICUT<sup>®</sup> SE200**





**CENTURY®**

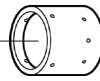
**CENTURY® 20-20**



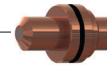
**Retaining Cap**  
334-266-100



**Nozzle/Tip**  
334-279-100



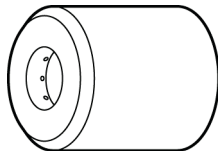
**Swirl Ring**  
334-278-100



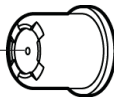
**Electrode**  
334-277-100

**Not Shown**  
512-087-100 O-Ring

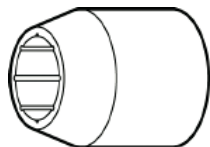
**CENTURY® 20-40**



**Retaining Cap**  
334-280-100



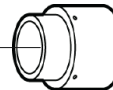
**Nozzle/Tip**  
334-265-100 (castle hand)



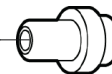
**Retaining Cap**  
334-271-100 (hi-vis.)



**Nozzle/Tip**  
334-270-100 (hi-vis.)



**Swirl Ring**  
334-264-100



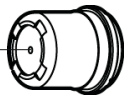
**Electrode**  
334-263-100

**Not Shown**  
512-087-100 O-Ring

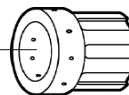
**CENTURY® 20-50**



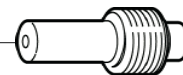
**Retaining Cap**  
334-290-905



**Nozzle/Tip**  
334-295-905 .038  
334-289-905



**Swirl Ring**  
334-288-905

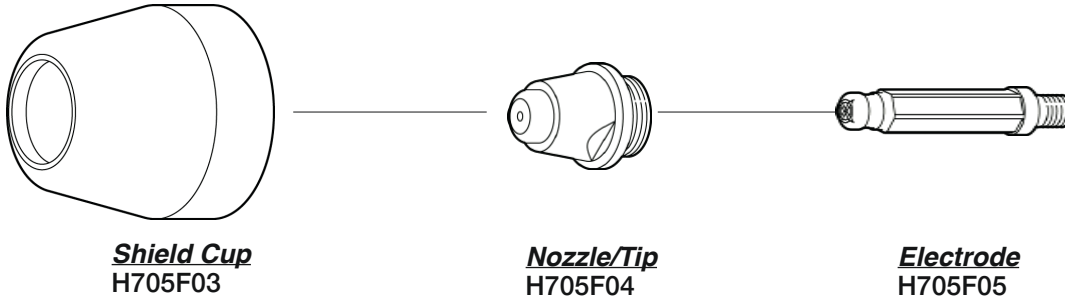


**Electrode**  
334-287-905

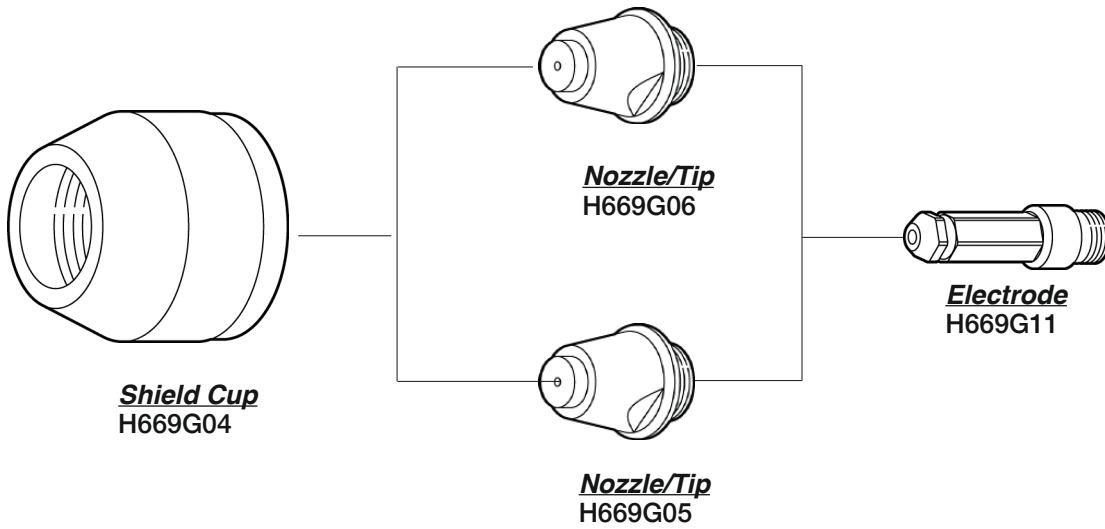
**Not Shown**  
512-087-100 O-Ring

**DAIHEN<sup>®</sup>**

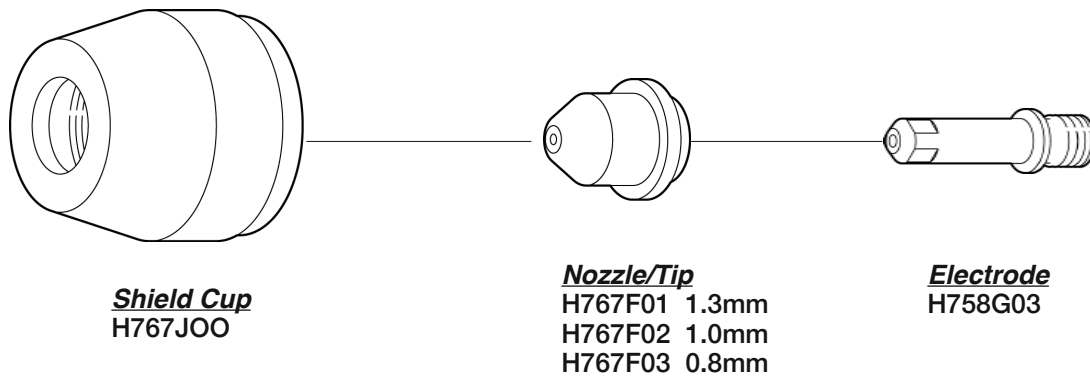
**DAIHEN<sup>®</sup> 30**



**DAIHEN<sup>®</sup> 70**



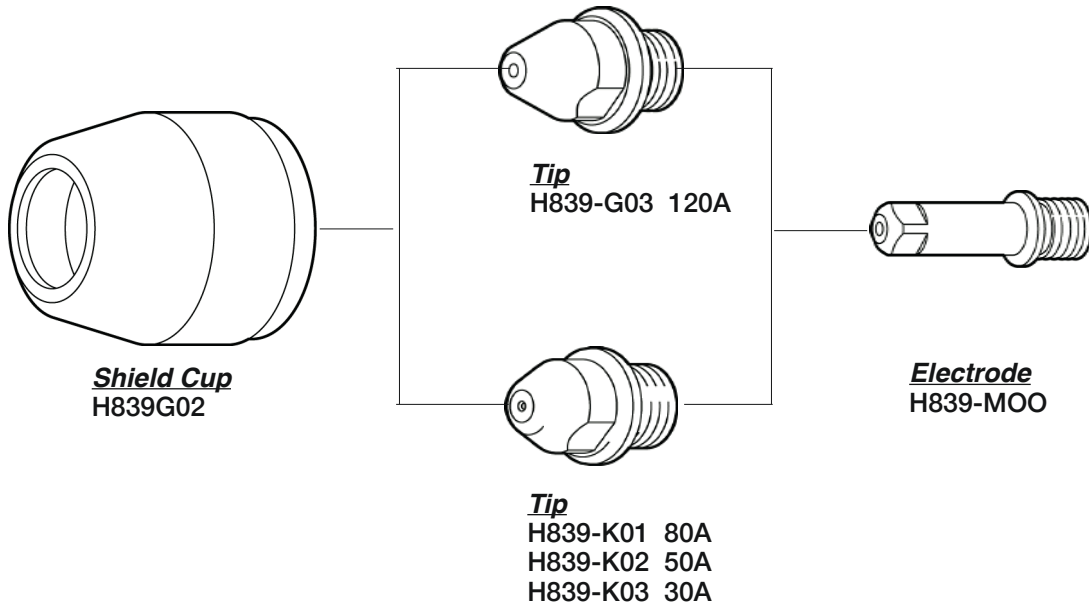
**DAIHEN<sup>®</sup> 80**



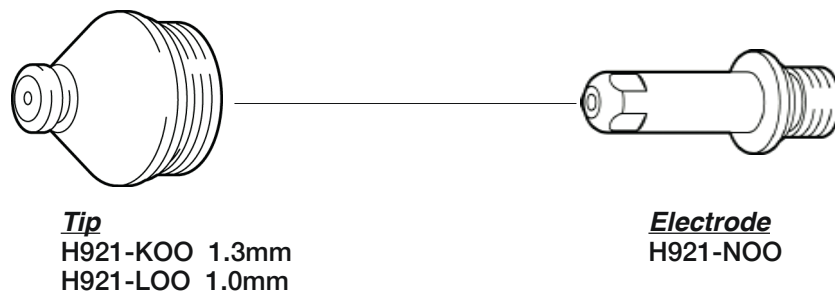
**DAIHEN<sup>®</sup>**

**DAIHEN<sup>®</sup> CT120**

**PLASMA**



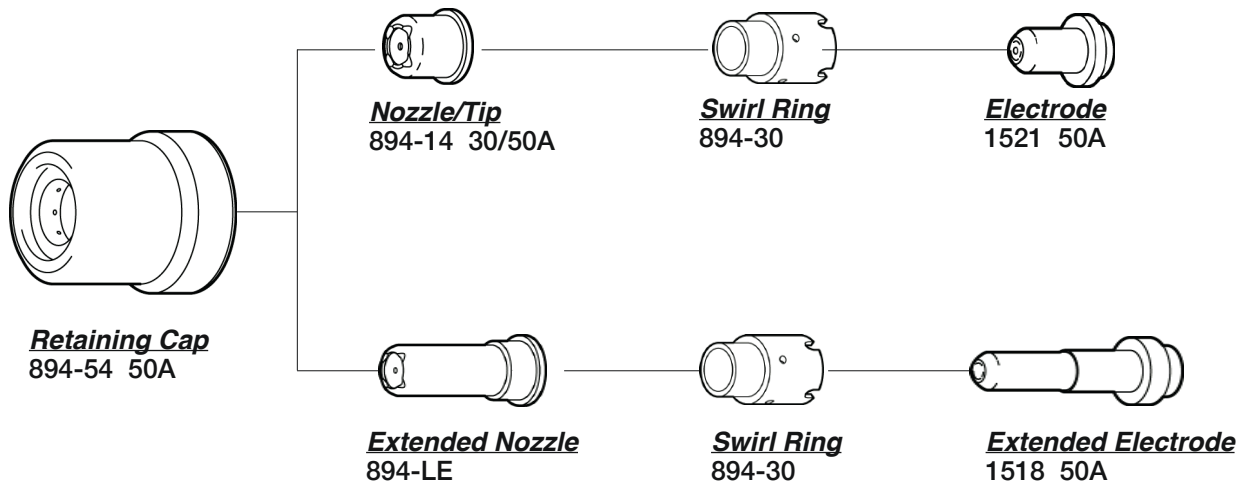
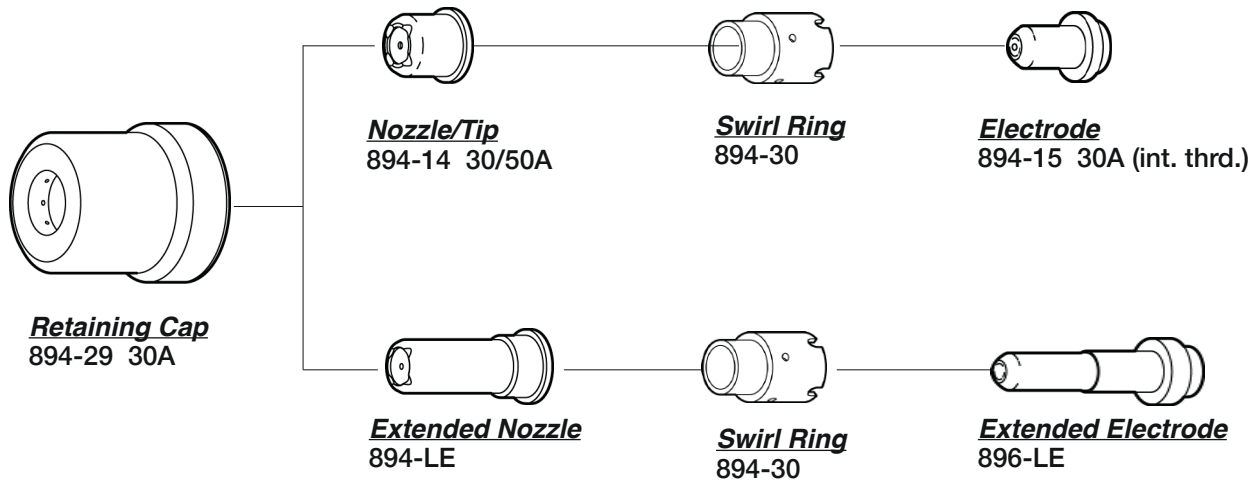
**DAIHEN<sup>®</sup> GCPT1201**





**DAYTONA MIG<sup>®</sup>**

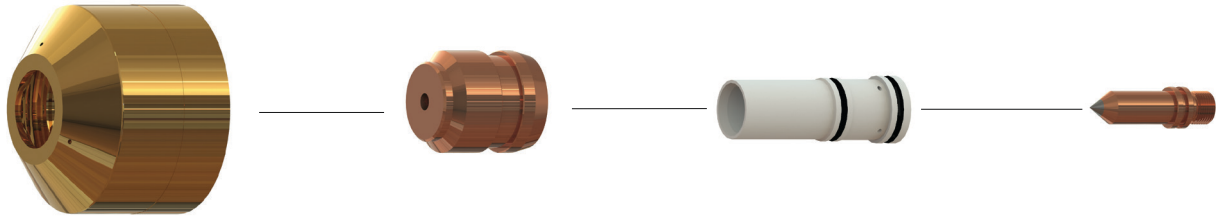
**DAYTONA MIG<sup>®</sup> 20/35 20/50**



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-7/11**

**PLASMA**



**Retaining Cap**  
598714

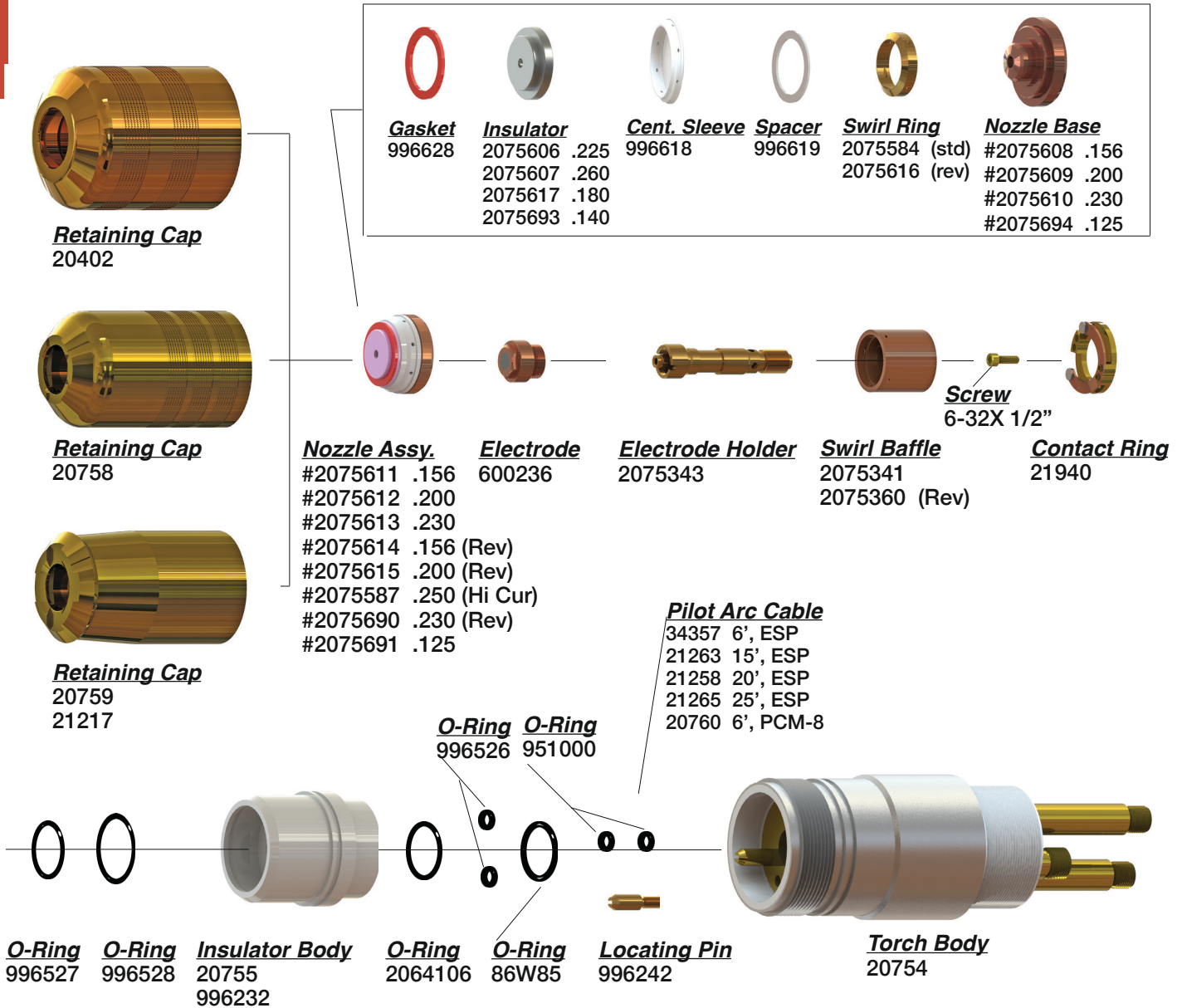
**5X12 Nozzle**  
598728

**Plenum Chamber**  
598711 .042  
598911 .062

**Electrode**  
598713  
599043

**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-15XL FOR NITROGEN**



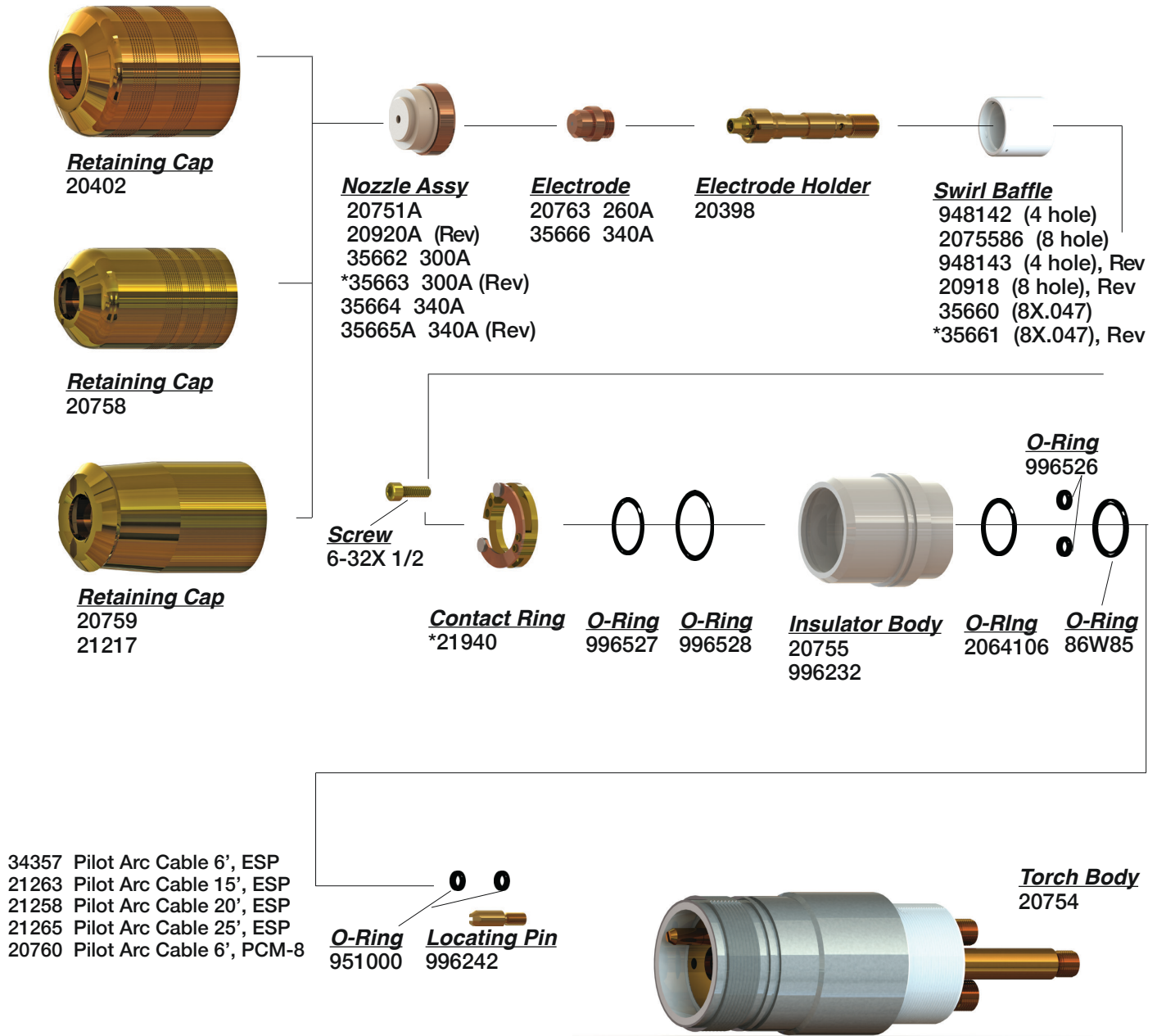
**Not Shown**

- 21304 Body w/Cbl & Hose 6', ESP
- 21301 Body w/Cbl & Hose 15', ESP
- 21303 Body w/Cbl & Hose 25', ESP
- 20763 Body w/Cbl & Hose 6', PCM-8
- 996248 Power Cbl
- 996249 Gas Hose
- 996230 Retaining Cap



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-15XL FOR OXYGEN**



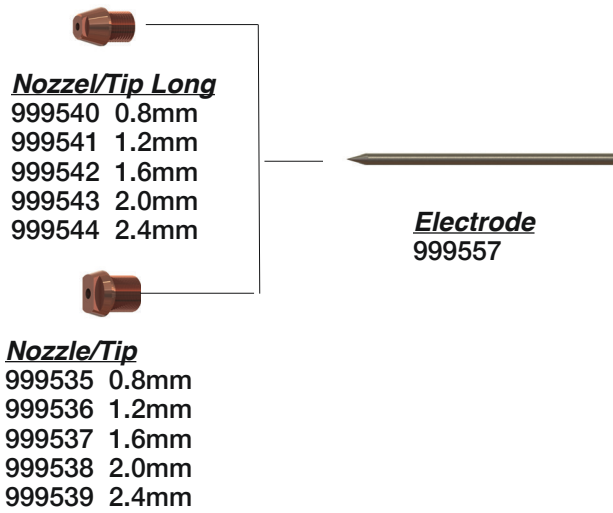
- 34357 Pilot Arc Cable 6', ESP
- 21263 Pilot Arc Cable 15', ESP
- 21258 Pilot Arc Cable 20', ESP
- 21265 Pilot Arc Cable 25', ESP
- 20760 Pilot Arc Cable 6', PCM-8

**Not Shown**

- 21304 Body w/Cable and Hose 6', ESP
- 21301 Body w/Cable and Hose 15', ESP
- 21303 Body w/Cable and Hose 25', ESP
- 20762 Body w/Cable and Hose 6', PCM-8
- 996248 Power Cable
- 996249 Gas Hose
- 996230 Retaining Cap

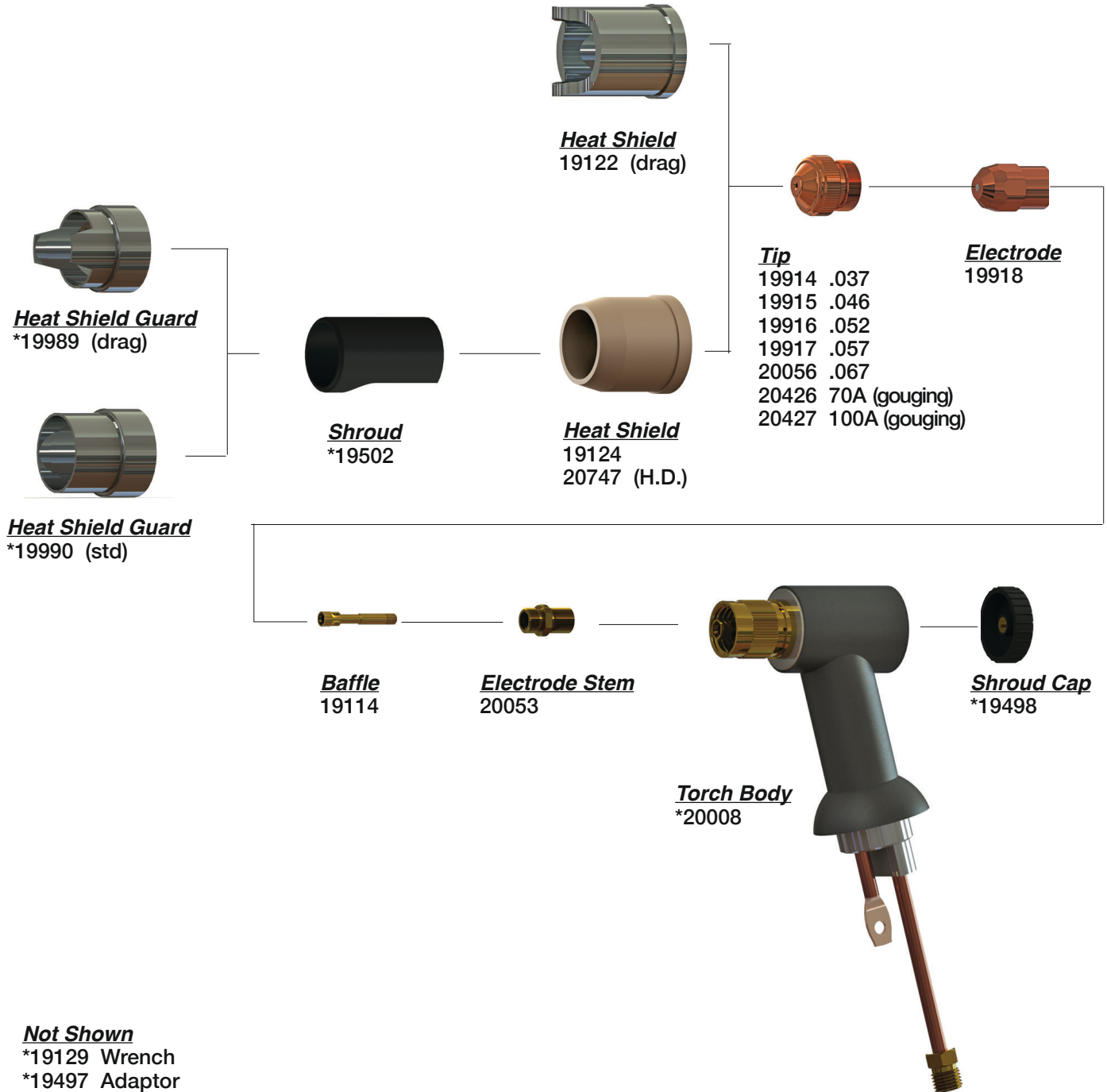
**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-16**



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-17A**

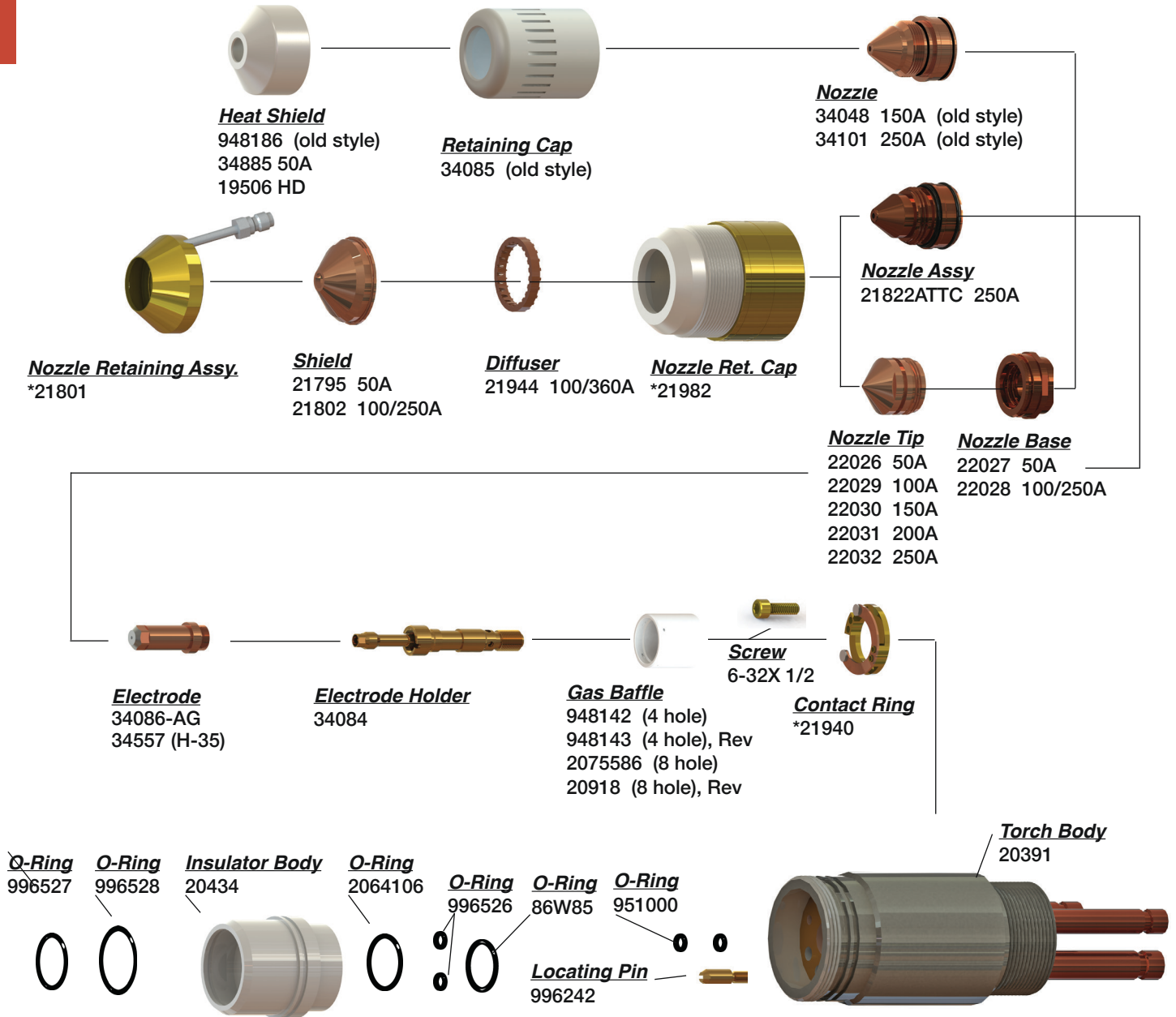


**Not Shown**

- \*19129 Wrench
- \*19497 Adaptor
- \*19999 75° Torch w/25' Leads
- \*20000 75° Torch w/50' Leads
- \*20010 Torch Body 17A

**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-19XL**



**CleanCut<sup>™</sup>**  
Next-Generation Plasma Consumables  
are available for the PT-19XL.  
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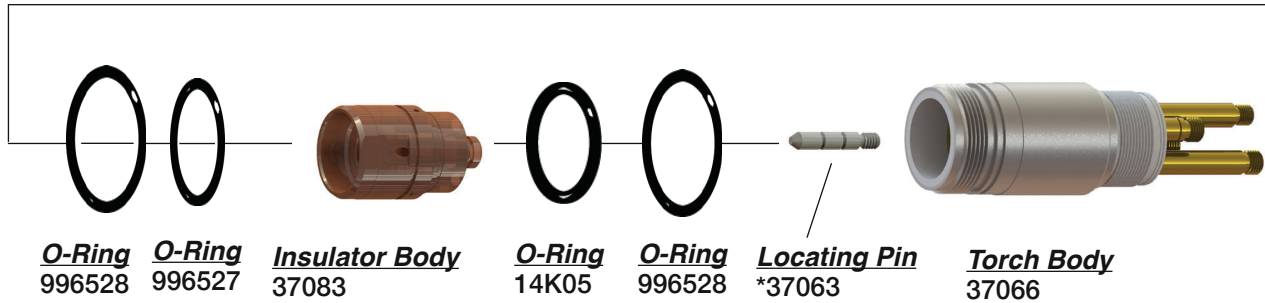
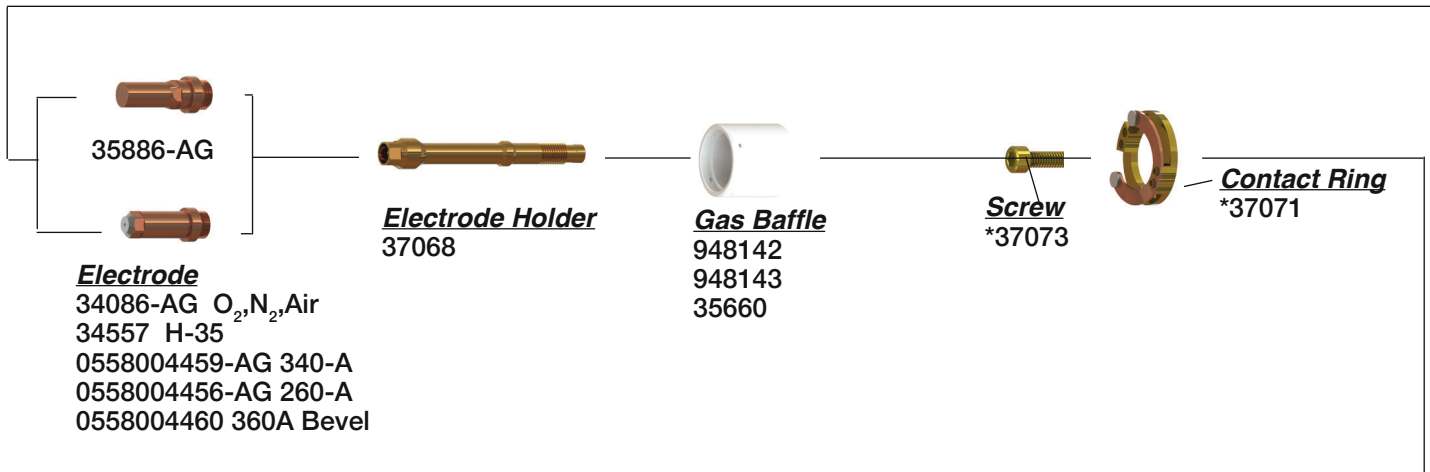
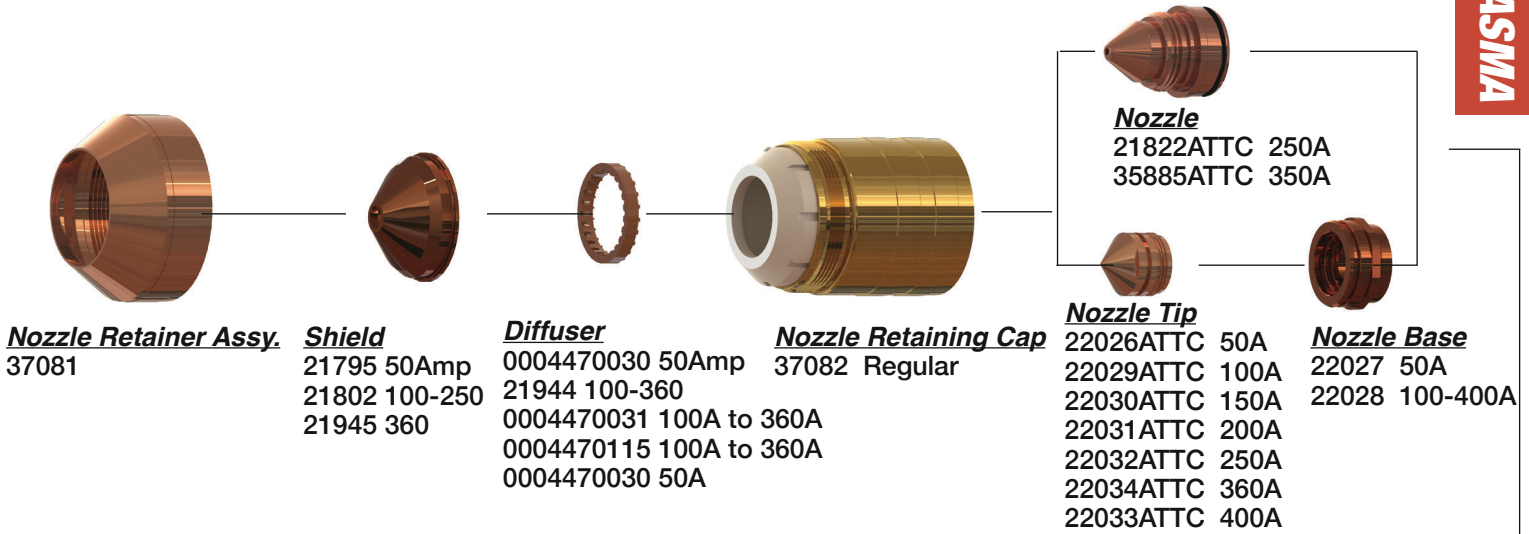
**Not Shown**  
22195 Nozzle 400 Amp  
22196 Electrode 400 Amp  
34357 Pilot Arc Cable 6'  
21551 Sleeve-Air Curtain Long  
other lengths available



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-19XLS**

**PLASMA**



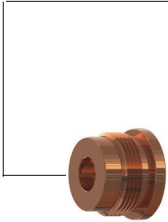
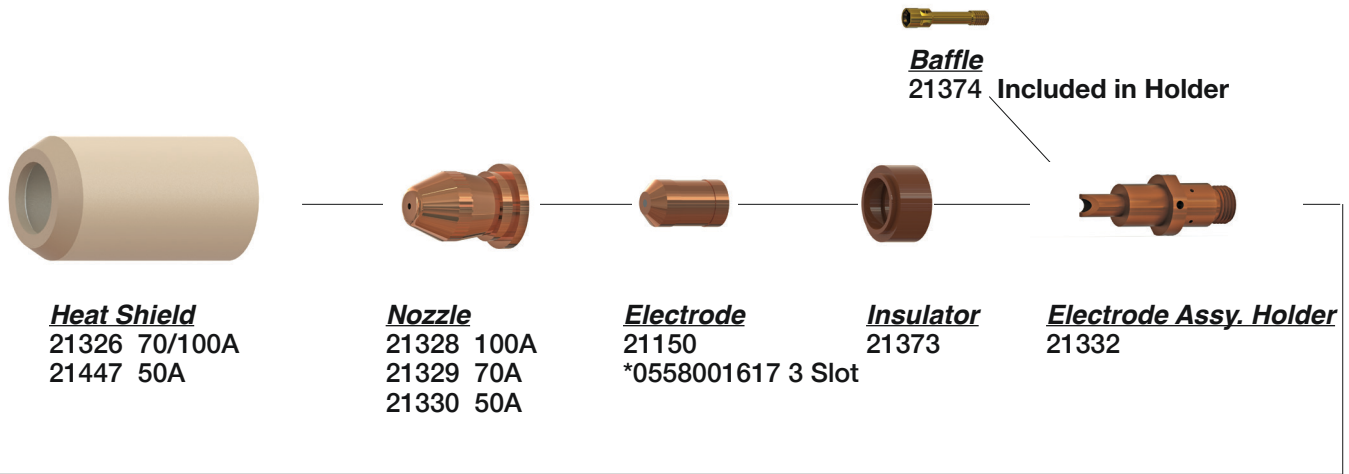
**Not Shown**

34357 Pilot Arc Cable 6" other lengths available  
\*37431 Nozzle Retaining Cap Air Curtain

**CleanCut™**  
Next-Generation Plasma Consumables  
are available for the PT-19XLS.  
[Click here for Free Trial!](#)

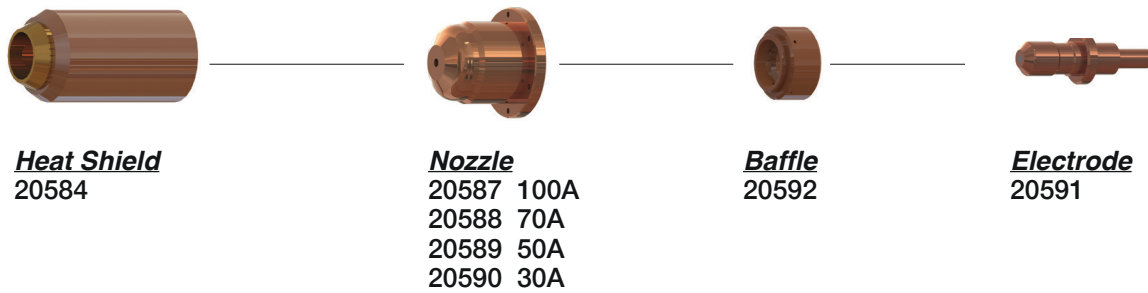
**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-20AM**



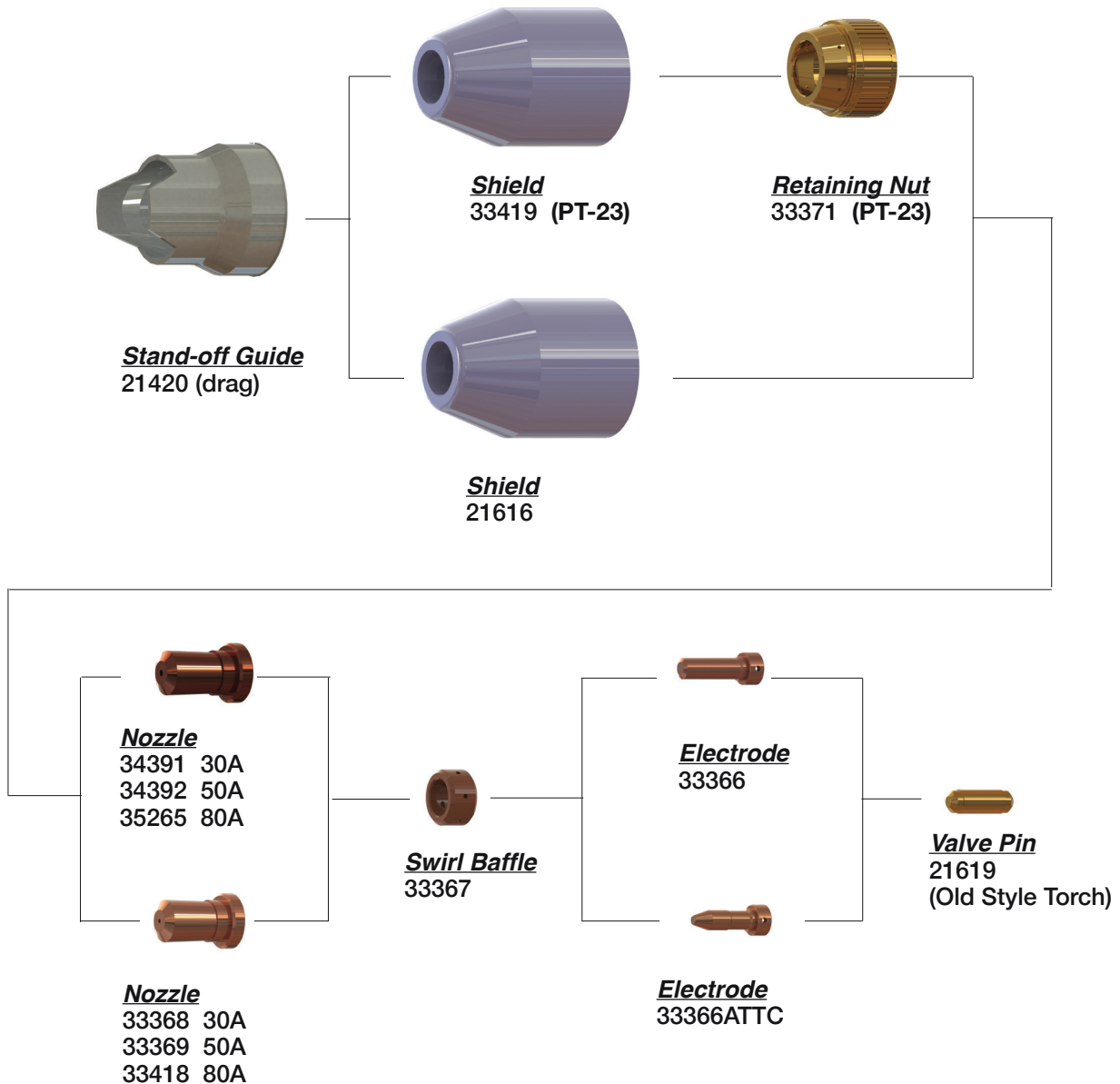
**Electrode Seat**  
21372

**ESAB-L-TEC<sup>®</sup> PT-20M**



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-23 & 27**

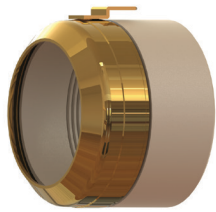


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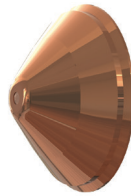
- \*21610 Torch Body
- \*21620 Torch 75° W/25' Lead, Arc Plug
- \*21621 Torch 75° W/50' Lead, Arc Plug
- \*21661 Torch 75° W/25' Lead, W/Ring Terminal
- \*21662 Torch 75° W/50' Lead, W/Ring Terminal
- \*0558003032 Electrode Seat

**ESAB/L-TEC<sup>®</sup>**

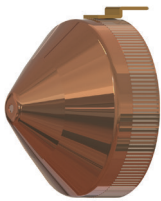
**ESAB/L-TEC<sup>®</sup> PT-24**



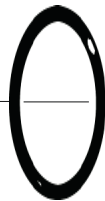
**Shield Retainer**  
21693 (old style)



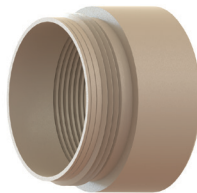
**Shield Cup**  
22008 15/30A, (old style)  
22009 50/100A, (old style)



**Shield Retainer**  
22531



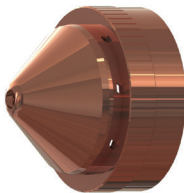
**O-Ring**  
996528



**Insulator Shield Retainer**  
21712



**Shield Cup Insulator**  
22010



**Nozzle Retainer**  
22007



**Nozzle**  
21540 15A (A)  
21541 30A (B)  
21542 50A (C)  
21543 70A (D)  
21923 100A (E)



**Swirl Ring**  
\*21852 15A, (2 hole)  
\*21536 30A, (3 hole)  
21692 50/100A, (4 hole)



**Electrode**  
21539ATTC 15/100A  
21539-AG  
0558004454-AG



**Water Baffle**  
21725

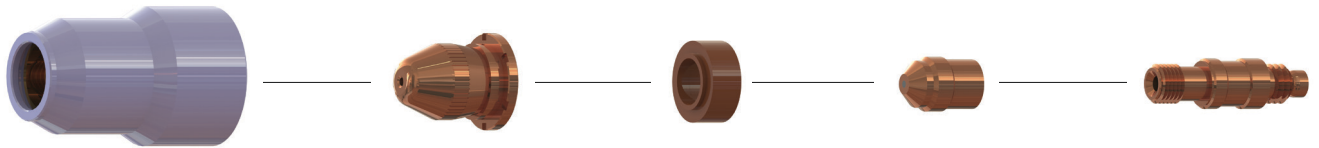
**Not Shown**  
\*21758 Torch Body



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-25**

**PLASMA**



**Shield**

\*21654 (Std)  
21660 (Long)

**Nozzle**

21596 50A  
21597 100A  
21598 150A  
21599 Gouging  
0558000729 Gouging  
0558000726 50A  
0558000727 100A  
0558000728 10A

**Swirl Ring**

21667  
0558001457 OEM\*  
(Euro Torch)

**Electrode**

21595  
\*21780(H35)  
0558000732  
0558000733

**Electrode Holder**

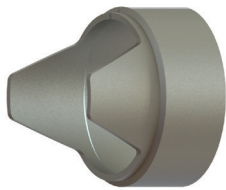
21657  
0558000731

**Not Shown**

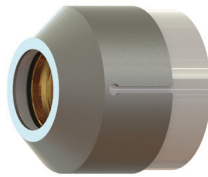
\*21625 (Torch Head)  
\*344019 O-Ring  
0558001457 Swirl Baffle

**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-26**



**Stand-off Guide**  
\*36648



**Heat Shield**  
\*34592 Std.  
\*37146 Close Proximity



**Nozzle**  
36567 50A  
36568 150A  
36569 200A  
36570 300A  
\*36571 200A (gouging)  
36572 300A (gouging)



**Electrode**  
36565  
36566 (H-35)



**Insulator**  
\*34593



**Baffle Tube**  
34585



**Electrode Holder**  
34583

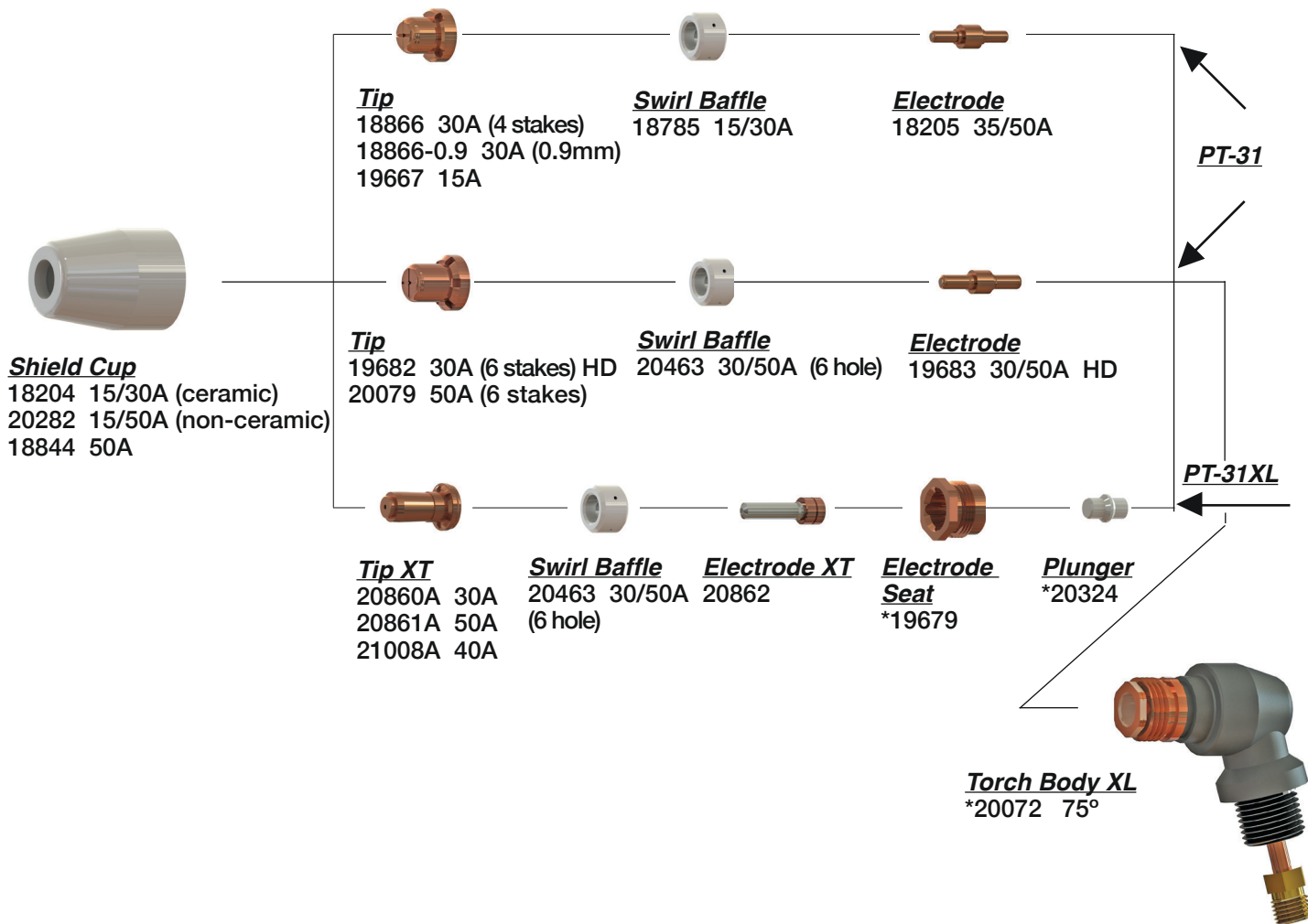
**Not Shown**

- \*20068 Front End Assy Brass
- \*34599 Torch Head

**ESAB/L-TEC®**

**ESAB/L-TEC® PT-31 & 31XL**

**PLASMA**

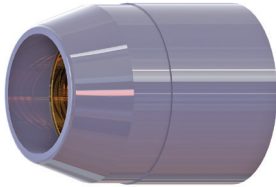


**Not Shown**

- \*18208 Handle
- 18866L Tip 30A 1.0mm
- \*20073 Torch Body 180°
- \*20080 75° Torch w/25' Lead
- \*20081 180° Torchw/25' Leads
- 950790 O-Ring

**ESAB/L-TEC<sup>®</sup>**

**ESAB/L-TEC<sup>®</sup> PT-32EH (PCM 875)**



**Shield**  
0558001957 (Std)  
\*0558003110 (Long CE)



**Nozzle**  
0558002618ATTC 50-70A  
0558002837ATTC 90A  
\*0558002908 (drag), 40A



**Electrode**  
\*0558001969

**NOTE\*** Valve Pin is a crucial member of the system.

**Not Shown**

- \*0558001959 Valve Pin
- \*0558001965 Torch Body (Old Style)
- 0558003548 Torch w/25' Lead
- 0558003412 Torch Body EH
- 0558003322 Handle EH
- 0558000818 Switch

**ESAB/L-TEC<sup>®</sup> PT-34**



**Heat Shield**  
20282



**Nozzle**  
37887



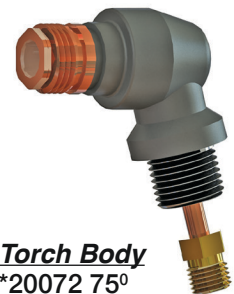
**Swirl Baffle**  
18785



**Electrode**  
37888



**Seat**  
19679  
(included w/head)



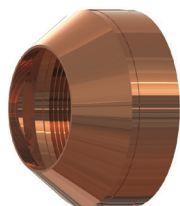
**Torch Body**  
\*20072 75<sup>0</sup>



**ESAB/L-TEC®**

**ESAB/L-TEC® PT-36 (M3®)**

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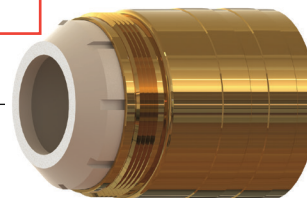
**Shield Retainer**  
37081



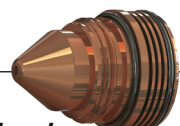
- Shield**
- 0558006130 3.0mm (.120)
  - 0558006141 4.1mm (.160)
  - 0558006166 6.6mm (.229)
  - 0558007624 2.4mm
  - 0558009425 2.5mm



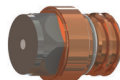
- Diffuser**
- 0004470030 (50A)
  - 0004470031 (100-600A)
  - \*0004470115 (100-600A CCW)
  - 21944 (100-600A)
  - 22496 (100-600A CCW)



**Retaining Cap**  
37082



- Nozzle**
- 0558006010ATTC 1.0mm (50A)
  - 0558006014ATTC 1.4mm (100A)
  - 0558006018ATTC 1.8mm (130A)
  - 0558006020ATTC 2.0mm (200A)
  - 0558006023ATTC 2.3mm (260/280A)
  - 0558006025ATTC 2.5mm (280/300A)
  - 0558006030ATTC 3.0mm (360A ALU)
  - 0558006036ATTC 3.6mm (450A SS)
  - 0558006041ATTC 4.1mm (600A SS)



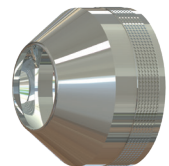
- Electrode**
- 0558003914-AG (50-450)
  - \*0558005459ATTC (low curr)
  - 0558003928ATTC (N2/H35)



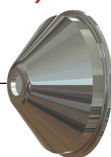
- Gas Baffle**
- 0558001625 (8 Hole)
  - 0558002530 (8 Hole rev.)
  - 0558002533 (4 Hole)
  - 0558002534 (4 Hole rev.)

- Not Shown**
- \*0558003924 - Electrode Holder Assy.
  - \*0558003804 - Torch Body
  - 0558003926 - O-Ring

**ESAB/L-TEC® PT-36 (M3®) XR CONSUMABLES**



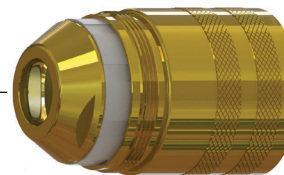
**Shield Retainer**  
0558009548



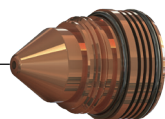
- Shield**
- 0558010766 6.6mm
  - 0558009551 4.1mm



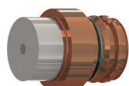
- Diffuser**
- 0004470030 (50A)
  - 0004470031 (100-600A)
  - \*0004470115 (100-600A CCW)
  - 21944 (100-600A)
  - 22496 (100-600A CCW)



**Retaining Cap**  
\*0558009550



- Nozzle**
- 0558011619ATTC 1.9mm (200A)
  - 0558010722ATTC 2.2mm (260A)
  - 0558011625ATTC 2.5mm (360A)
  - 0558006028ATTC 2.8mm (400/450A)



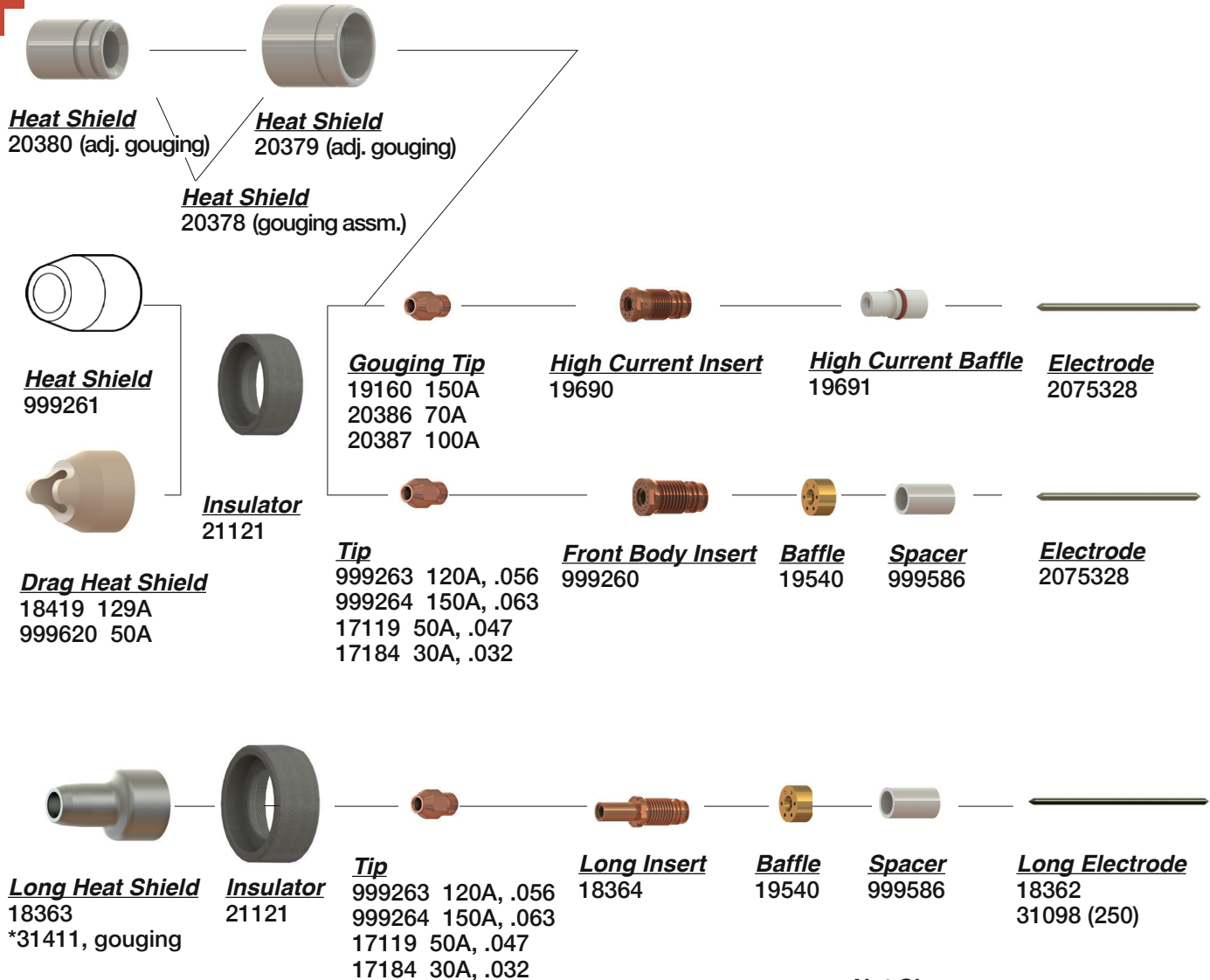
- Electrode**
- 0558012000ATTC (O<sub>2</sub>)



- Gas Baffle**
- 0558002533 100A-200A
  - 0558001625 100A-600A
  - 0558002530 CCW

- Micro Parts**
- 0558009400ATTC - Electrode
  - 0558009410ATTC - Nozzle
  - 0558009425 - Shield
  - 0558003924 - Electrode Holder Assy

**PLASMA**



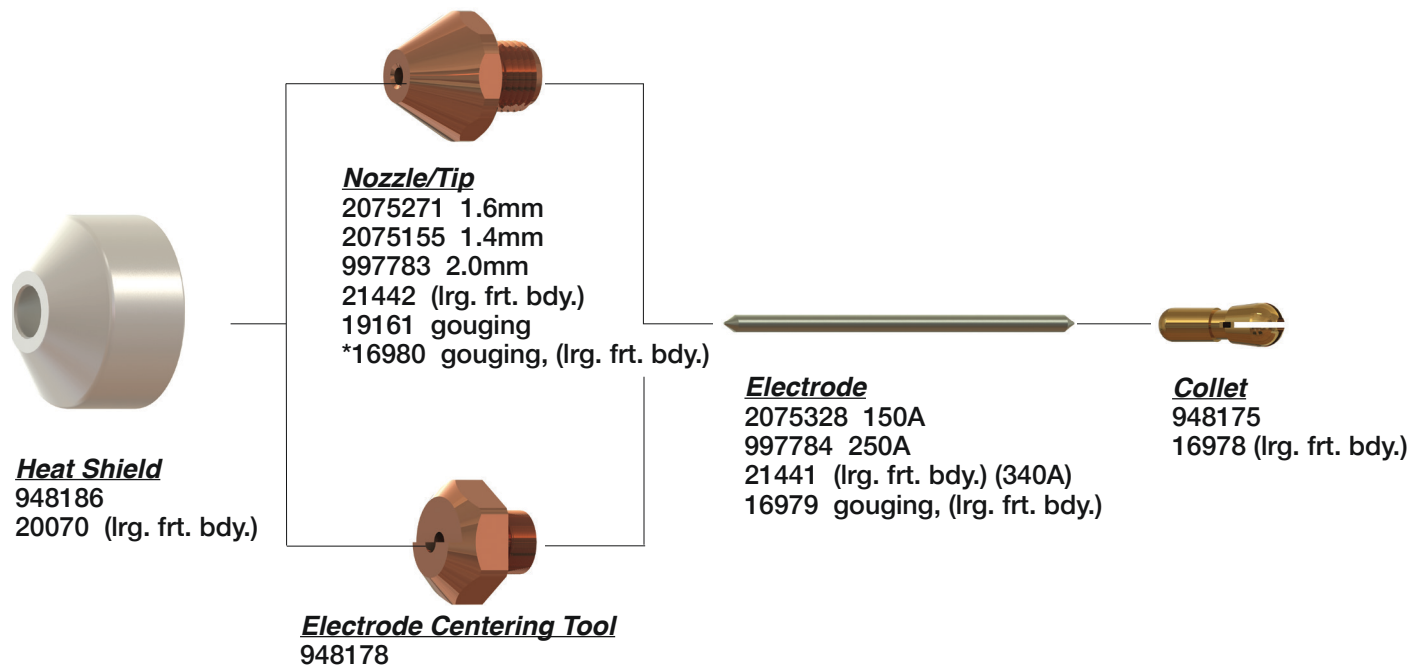
**Not Shown**

- 18449 Power Cable 50' N/C
- 19654 Collet, Cop.H.D.
- 20098 H.D. Gouging Heat Shield
- 994092 O-Ring
- 999257 Back Cap
- 999259 Collet
- 999262 Gasket
- 999266 Electrode Centering Tool

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**ESAB/L-TEC® PT-251**

**PLASMA**



**Not Shown**

- \*948171 Torch Cap, (lrg. frt. bdy.)
- \*948174 Front Body Assm.
- 948179 Gasket
- 86W99 O-Ring

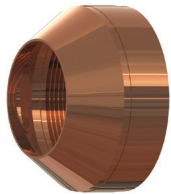
**NOTE**

(lrg. frt. bdy.) = Long Front Body

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 are available for the PT-600.  
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**ESAB/L-TEC**<sup>®</sup> PT-600



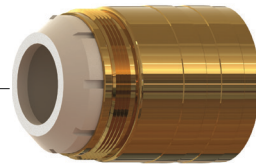
**Shield Retainer**  
37081



**Shield**  
21802  
21945 360A  
22498 (reverse)  
0558004678 .160 70/200A



**Gas Diffuser**  
21944  
\*22496 (ccw)  
0004470030 50A  
0004470031 100A-600A  
0004470115 100A-600A \*OEM (ccw)



**Nozzle Retaining Cup**  
37082



**Nozzle**  
0558001623ATTC 250A  
0558001881ATTC 50A  
0558001882ATTC 100A  
0558001883ATTC 150A  
0558001884ATTC 200A  
0558001885ATTC 360A  
0558001886ATTC 400A  
0558001887ATTC 600A



**Electrode**  
0558001624-AG 250A  
\*0558002499 600A (N<sub>2</sub>, H-35)  
0558002516-AG 360A  
0558004461 250A  
\*0558004462 400A



**Electrode Holder**  
0558001621



**Gas Baffle**  
0558001625 (8 hole)  
0558002530 (reverse)  
0558002533 (4 hole)  
0558002534 (4 hole rev.)  
\*0558005457 (4x.022)

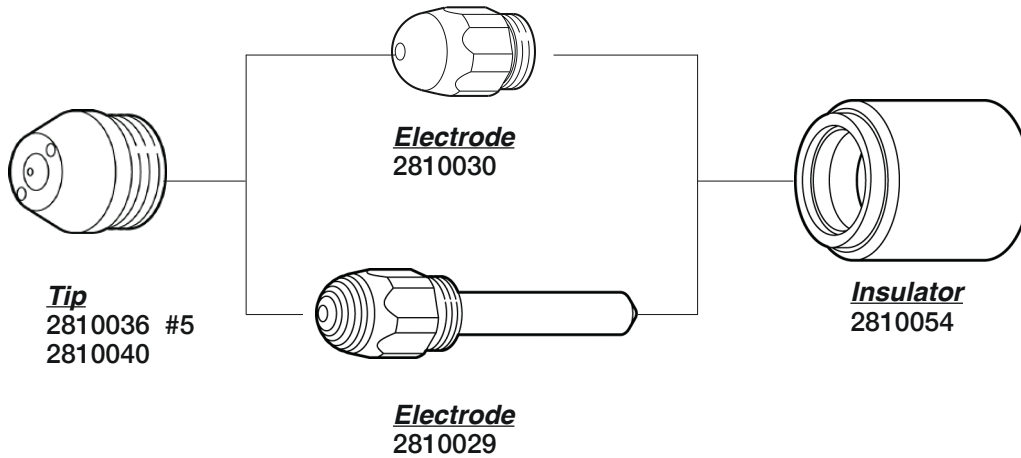
**Not Shown**

- \*0558001626 Torch Sleeve
- \*0558001628 Holder Removal Tool
- \*0558001825 Torch Body
- \*0558005306 Nozzle
- \*0558001825 Nozzle Shield .160
- 0558002530 Swirl Baffle PT600 250A Rev

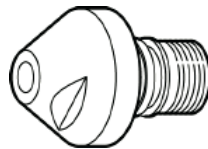


**HARRIS®**  
**HARRIS®**

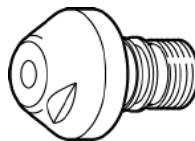
**PLASMA**



**HETTIGER® NO.1**



**Tip**  
27.6mm X 4.0mm

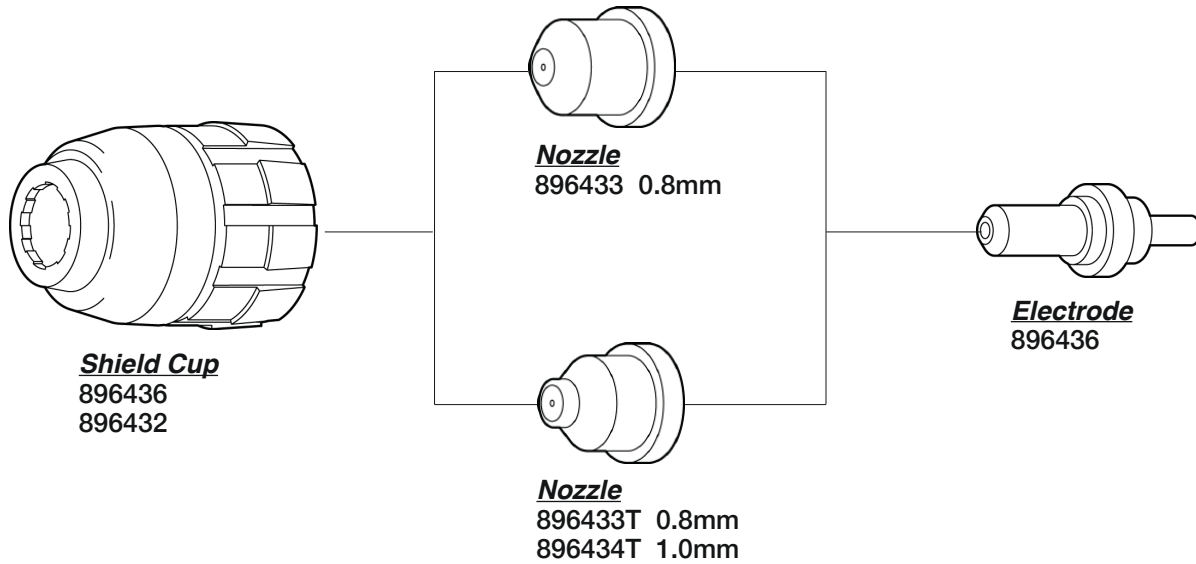


**Tip**  
30.5mm X 4.0mm

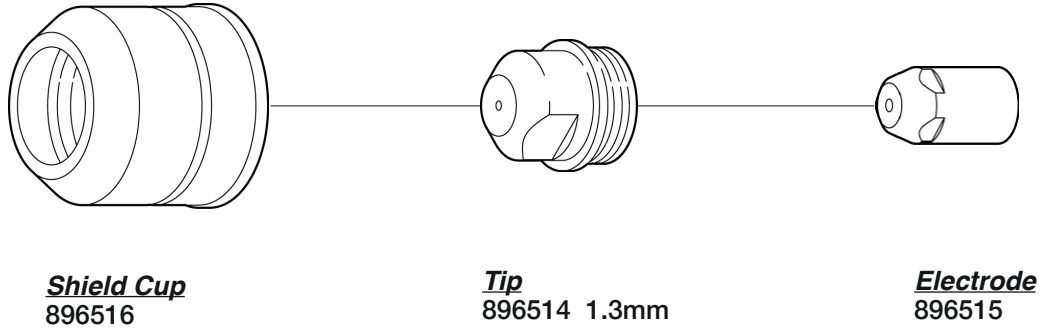
**Not Shown**  
2810057 No Longer Available

**HITACHI<sup>®</sup>**

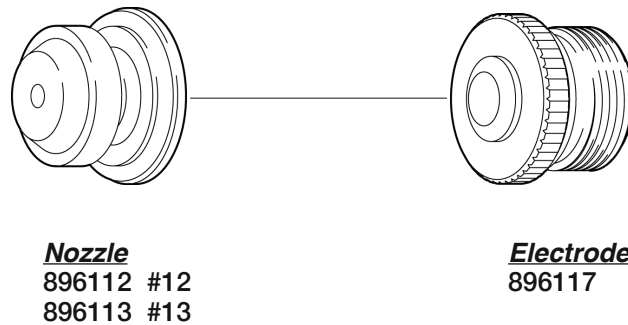
**HITACHI<sup>®</sup> PTP-51**



**HITACHI<sup>®</sup> PTP-81**

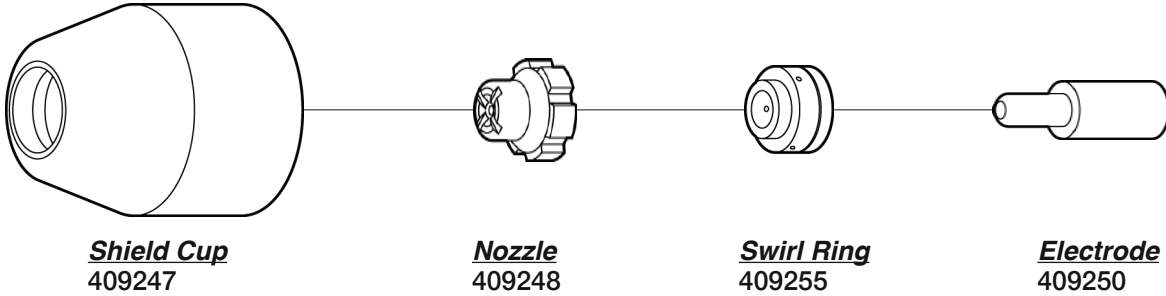


**HITACHI<sup>®</sup> UG-31**

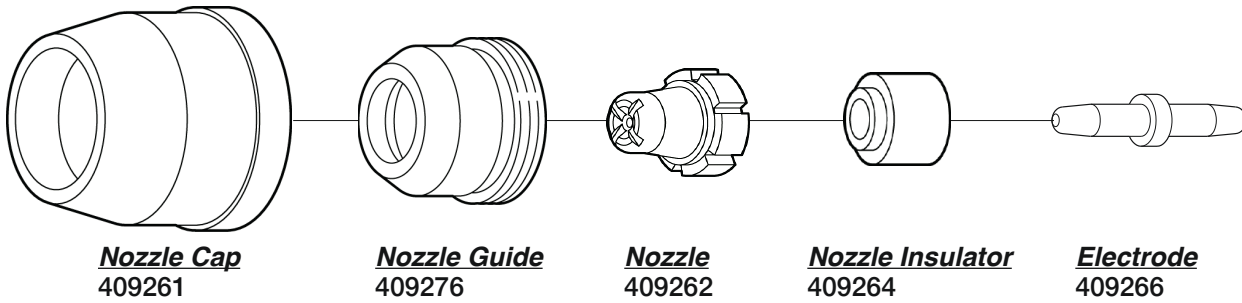


**HOBART®**

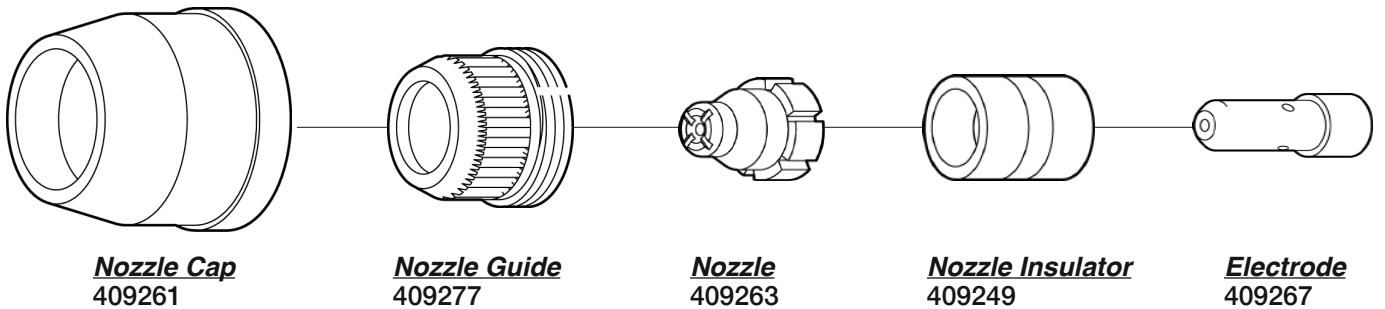
**HOBART® TP-3A**



**HOBART® TP-6A/P**

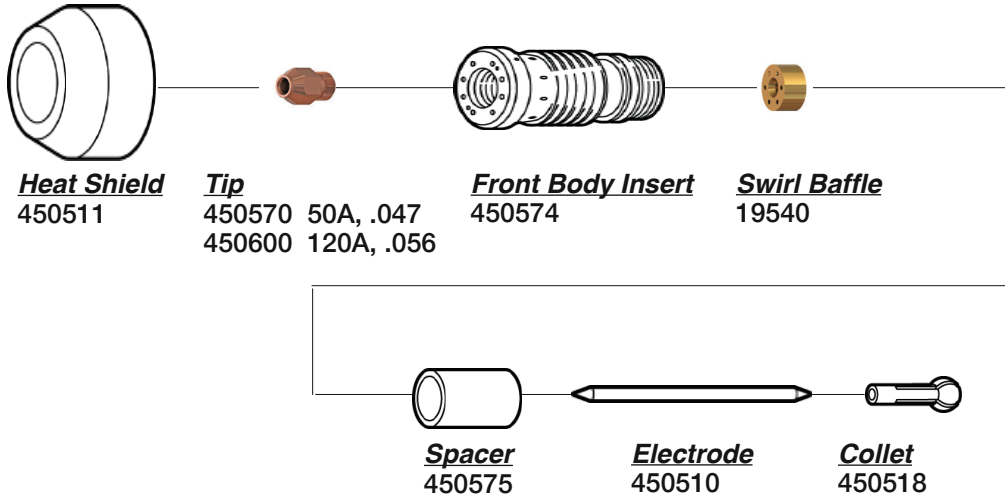


**HOBART® TP-10A/P**



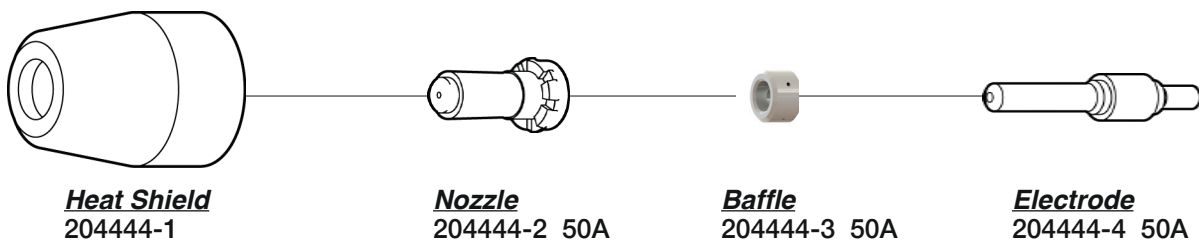
**HOBART<sup>®</sup>**

**HOBART<sup>®</sup> TP-12**



**Not Shown**  
450519 Gasket  
450522 O-Ring

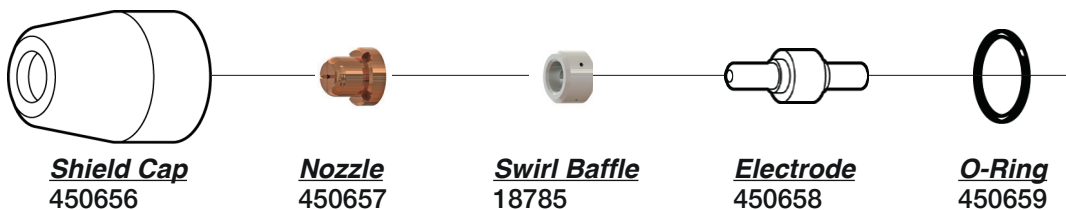
**HOBART<sup>®</sup> ST-50A (625I)**



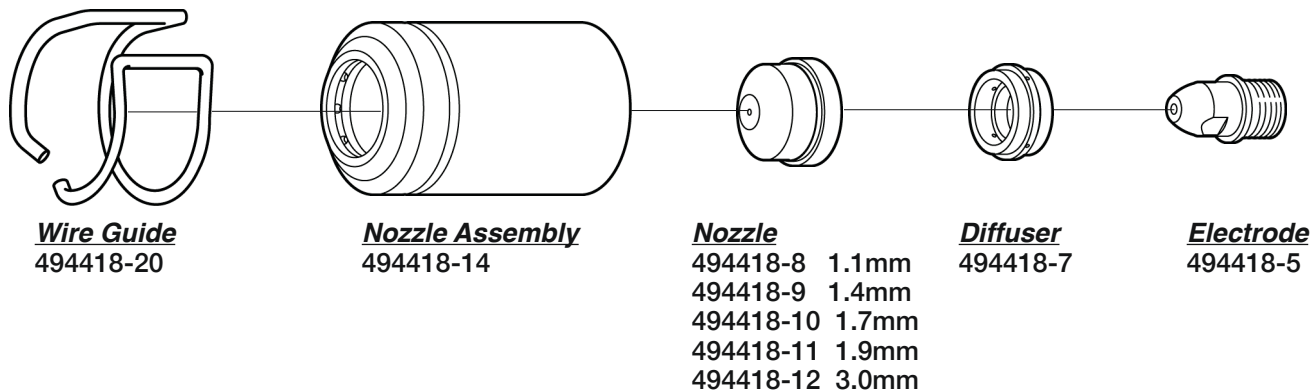


**HOBART<sup>®</sup>**

**HOBART<sup>®</sup> HSC-30A**



**HOBART<sup>®</sup> 120**

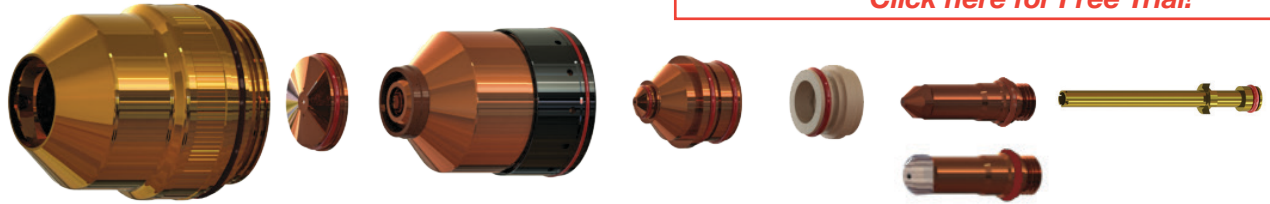


**Not Shown**

- 494418-2 Torch Body, 140A
- 494418-3 O-Ring
- 494418-4 O-Ring
- 494418-13 Nozzle Assembly
- 494418-17 Insulator Contact
- 494418-18 Guide Cup
- 494418-19 Tip 2.4mm (gouging)
- 494418-21 Guide Cup, 2 pin
- 494418-22 Guide Cup, 4 pin

**HYPERTHERM<sup>®</sup> HPR260XD<sup>®</sup>/HPR400XD<sup>®</sup>**

**CleanCut<sup>™</sup>**  
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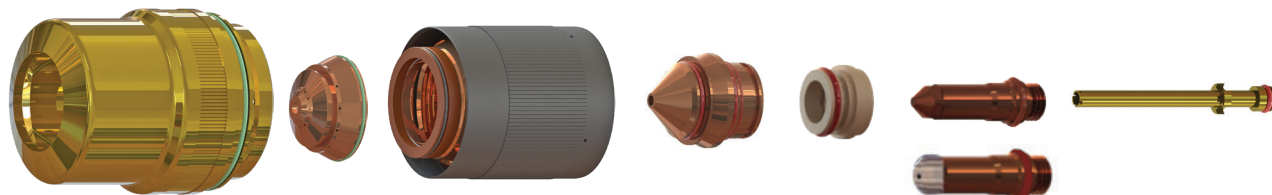
*(Typical setup shown. Parts for your application may look slightly different)*

Amperage	Shield Cap	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
30	220747	220194ATTC	220754	220193ATTC	220180	220192ATTC	220340ATTC
50	220747	220555ATTC	220754	220554ATTC	220553	220552ATTC	220340ATTC
80	220747	220189ATTC	220756	220188ATTC	220179	220187ATTC	220340ATTC
130	220747	220183ATTC	220756	220182ATTC	220179	220181ATTC	220340ATTC
						220665ATTC (Silver)	
<b>Stainless Steel</b>							
45	220747	220202	220755	220201ATTC	220180	220308ATTC	220340ATTC
80	220747	220338ATTC	220755	220337ATTC	220179	220339ATTC	220340ATTC
130	220747	220198ATTC	220755 (H35)	220197ATTC	220179	220307ATTC	220340ATTC
			220756 (N2)				
<b>Aluminum</b>							
45	220747	220202	220756	220201ATTC	220180	220308ATTC	220340ATTC
130	220747	220198	220755 (H35)	220197ATTC	220179	220307ATTC (H35)	220340ATTC
			220756 (Air)			220181ATTC (Air)	

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**HYPERTHERM® HPR260XD®/HPR400XD®**

**PLASMA**



*(Typical setup shown. Parts for your application may look slightly different)*

Amperage	Shield Cap	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>Mild Steel</b>							
200	*220637	*220761	*220757	220354ATTC	220353	220352ATTC 220666ATTC (Silver)	220340ATTC
260	*220637	*220764	*220760	220439ATTC	220436	220435ATTC	220340ATTC
						220668ATTC (Silver)	
<b>Stainless Steel</b>							
200	*220637	*220762	*220758	220343ATTC	220342	220307ATTC	220340ATTC
260	*220637	*220763	*220758	220406ATTC	220405	220307ATTC	220340ATTC
<b>Aluminum</b>							
200	*220637	*220762	*220759	220346ATTC	220342	220307ATTC	220340ATTC
260	*220637	*220763	*220758	220406ATTC	220405	220307ATTC	220340ATTC

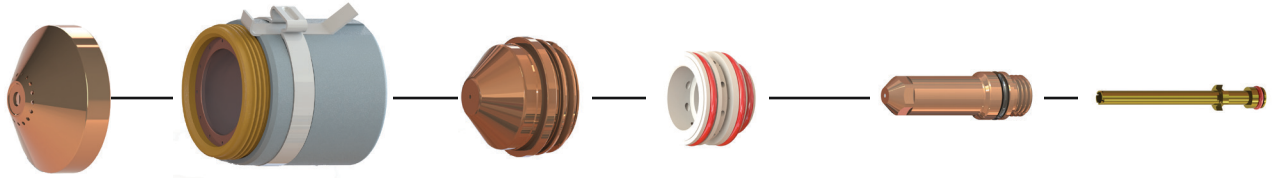
**CleanCut™**

**Next-Generation Plasma Consumables**  
**are available for the HPR260XD® and HPR400XD®.**  
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**HYPERTHERM<sup>®</sup> HYPRO<sup>®</sup> 2000**

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Amperage	Shield	Shield Cap	Nozzle	Swirl Ring	Electrode	Water Tube
<b>O<sub>2</sub> – Mild Steel</b>						
50	220532	220936 220935 (without tab)	220891ATTC	*220529	220528ATTC	220521ATTC
130	220491	220936 220935 (without tab)	220893ATTC	*220488	220847ATTC 420185 (Silver)	220521ATTC
200	220832	220936 220935 (without tab)	220831ATTC	*220834	220937ATTC 220925ATTC (Silver)	220521ATTC
<b>Air – Mild Steel – Stainless Steel – Aluminum</b>						
50	220532	220936 220935 (without tab)	220890ATTC	*220529	220528ATTC	220521ATTC
130	220536	220936 220935 (without tab)	220892ATTC	*220488	220487ATTC	220521ATTC
200	420045	220936 220935 (without tab)	420044ATTC	*220488	220937ATTC	220521ATTC
<b>N<sub>2</sub> – Stainless Steel – Aluminum</b>						
200	420045	220936 220935 (without tab)	420044ATTC	*220529	020415ATTC	220521ATTC

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**CleanCut**™

**Next-Generation Plasma Consumables**  
From American Torch Tip

**BURN LONGER.  
CUT CLEANER.**

**CleanCut**™

*Designed to Work Together*

**CleanCut™ Electrode**

**Extend Electrode Life**

- More efficient cooling
- Extended hafnium electrode life
- 25% – 50% longer production time

**Prevent Nozzle Damage**

- Cooler silver electrodes diminish nozzle damage
- Nozzles paired with silver electrodes last longer

**CleanCut™ Rocket Nozzle**

(patent pending)

**Supercharge the Plasma Arc**

- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

**CleanCut**™

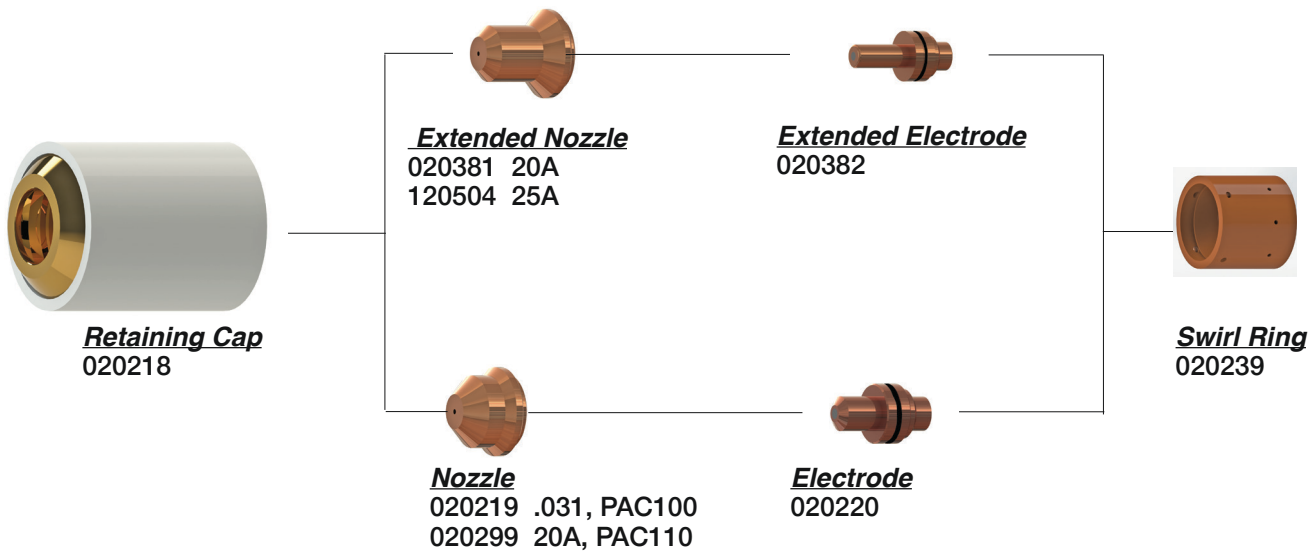
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AMERICAN  
TORCH TIP **ATTC**™

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> MAX-20<sup>®</sup> (PAC110) POWERMAX 30<sup>®</sup>**

**PLASMA**



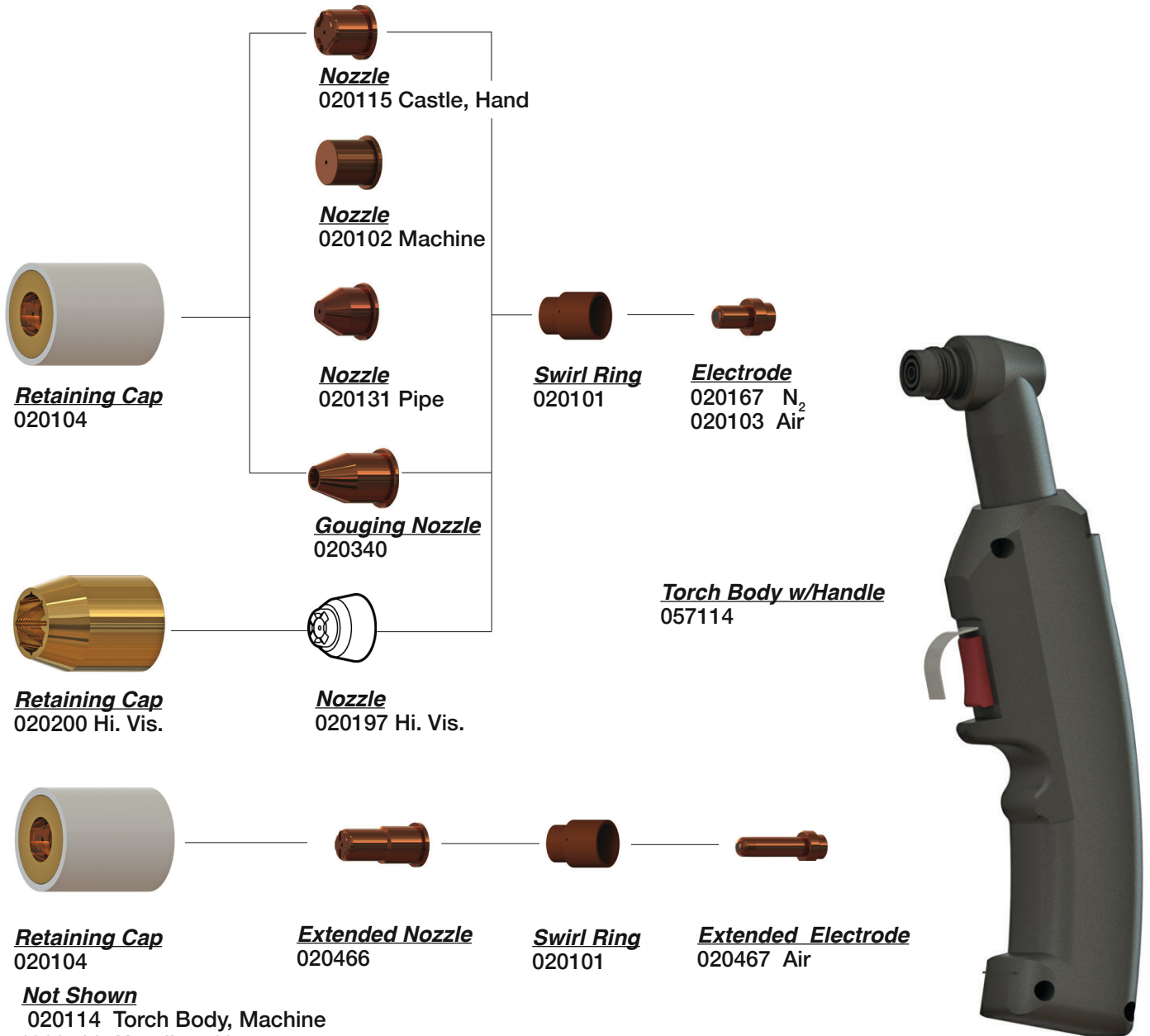
**Not Shown**

- \*001192 Handle
- 005094 Switch, Push Button
- \*020588 Torch Body
- 026016 O-Ring (red)
- \*028482 Torch w/Kit
- 044016 O-Ring (black)
- \*070057 Torch w/15' Leads
- \*070058 Torch w/25' Leads

**HYPERTHERM®**

**HYPERTHERM® MAX-40®(PAC140)**

**PLASMA**

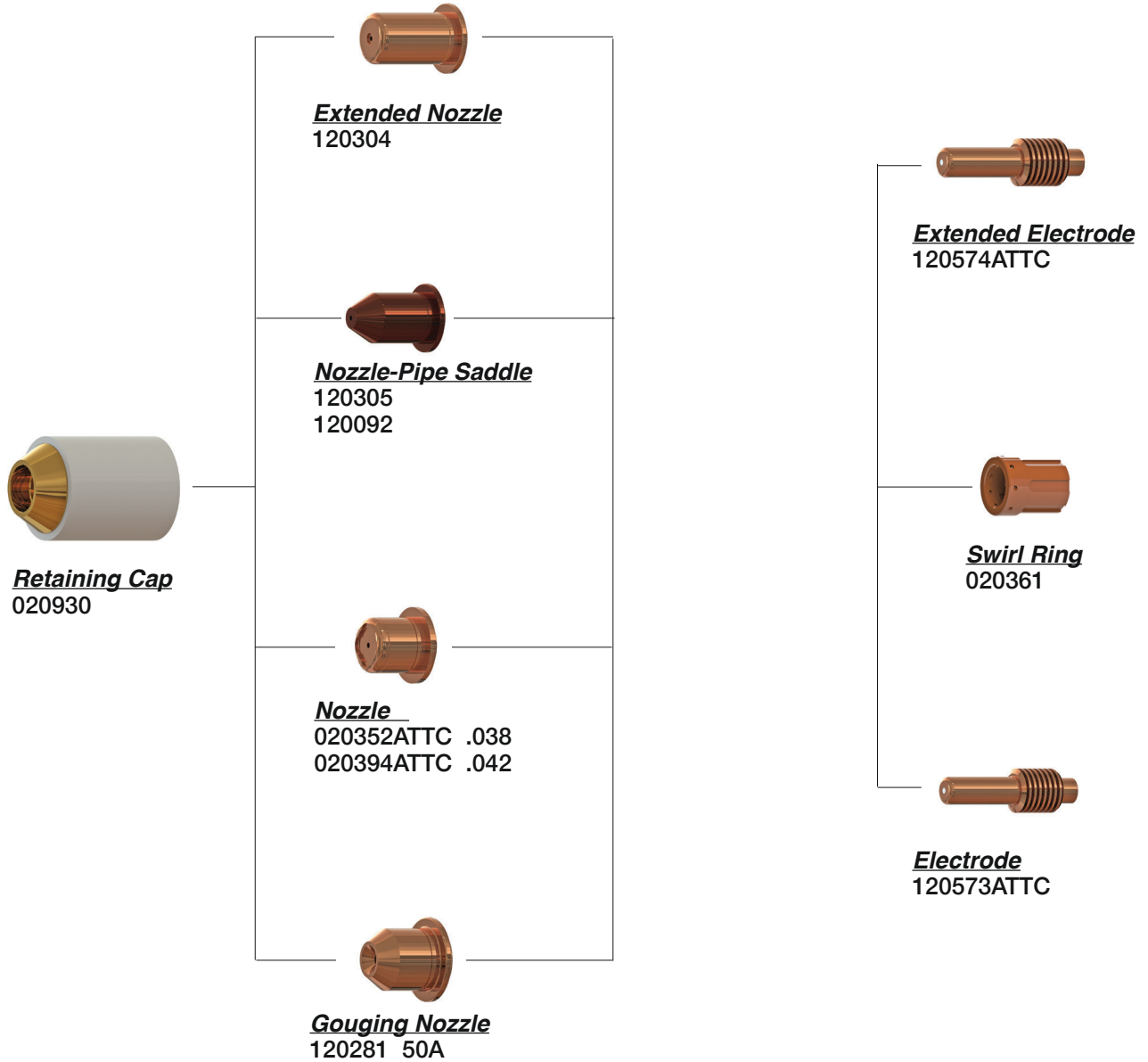


**Not Shown**

- 020114 Torch Body, Machine
- \*020120 Handle, 70°
- \*020231 10-3/4" Torch Pos. Sleeve
- 020479 PAC140 Torch Main Body
- 026016 O-Ring (red)
- 029129 25' Lead
- 044016 O-Ring (black)
- 057112 75° Torch w/25' Lds Hand
- 057053 180° Torch w/25' Lds Mach.

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> MAX-40CS/42/43<sup>®</sup>**



**Not Shown**

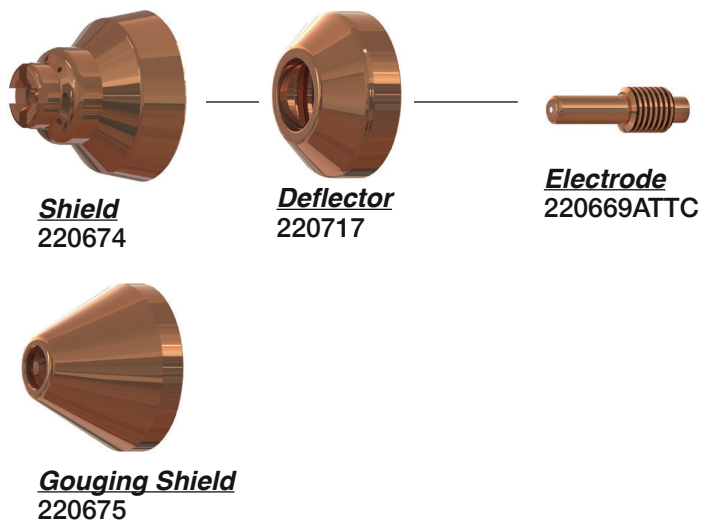
- \*001215 Handle
- \*071069 Torch Body 70° W/25' Leads QD/PAC121P
- \*120013 Torch Body PAC121P, w/Switch



**HYPERTHERM®**

**HYPERTHERM® MAX-45®**

**PLASMA**

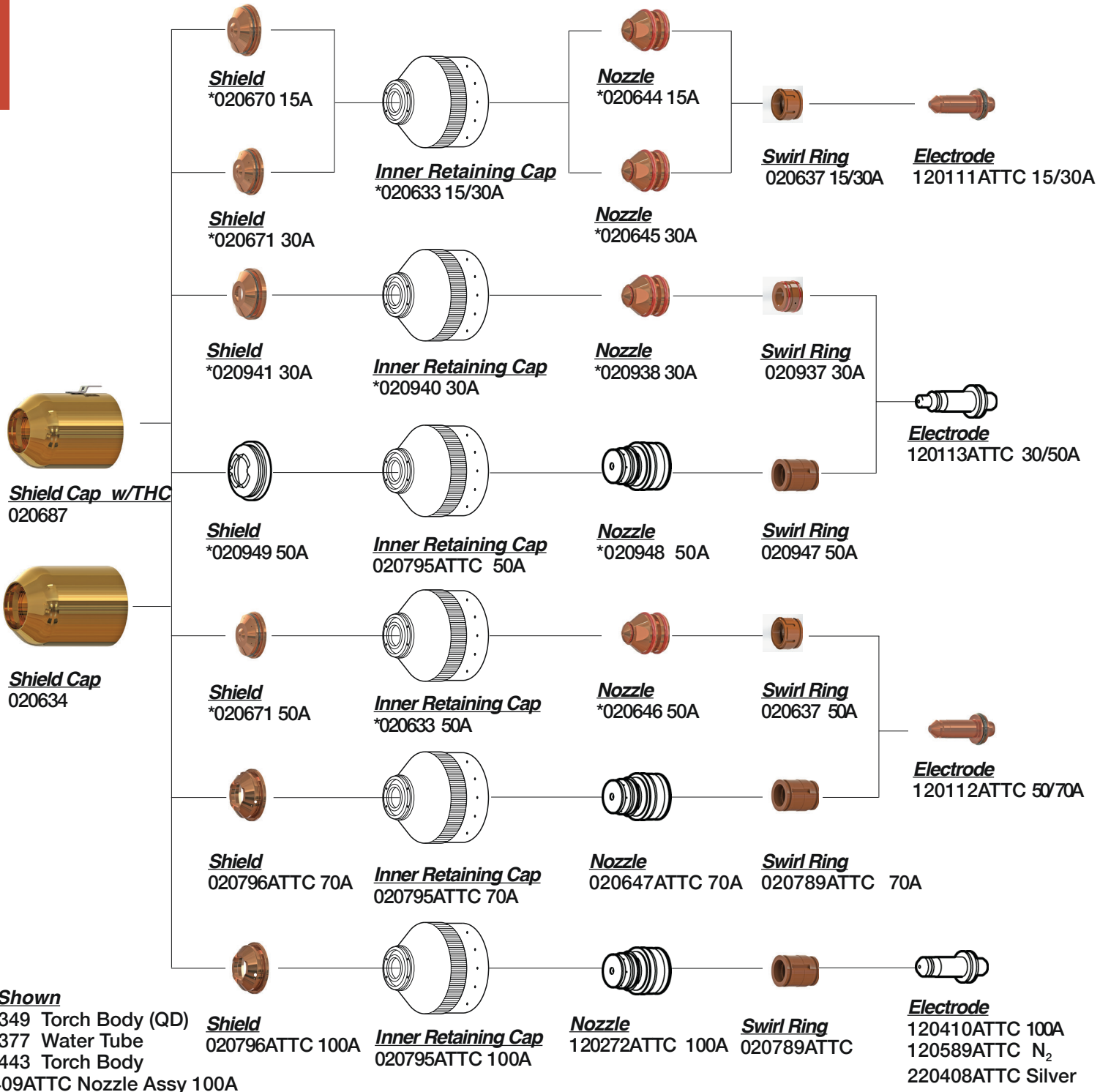


***Not shown***  
220670 Swirl Ring  
220671ATTC Nozzle Pmx 45  
220672 Gouging Nozzle  
220713 Retaining Cap  
220718 Nozzle

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> HD-1070/3070<sup>®</sup>**

**PLASMA**

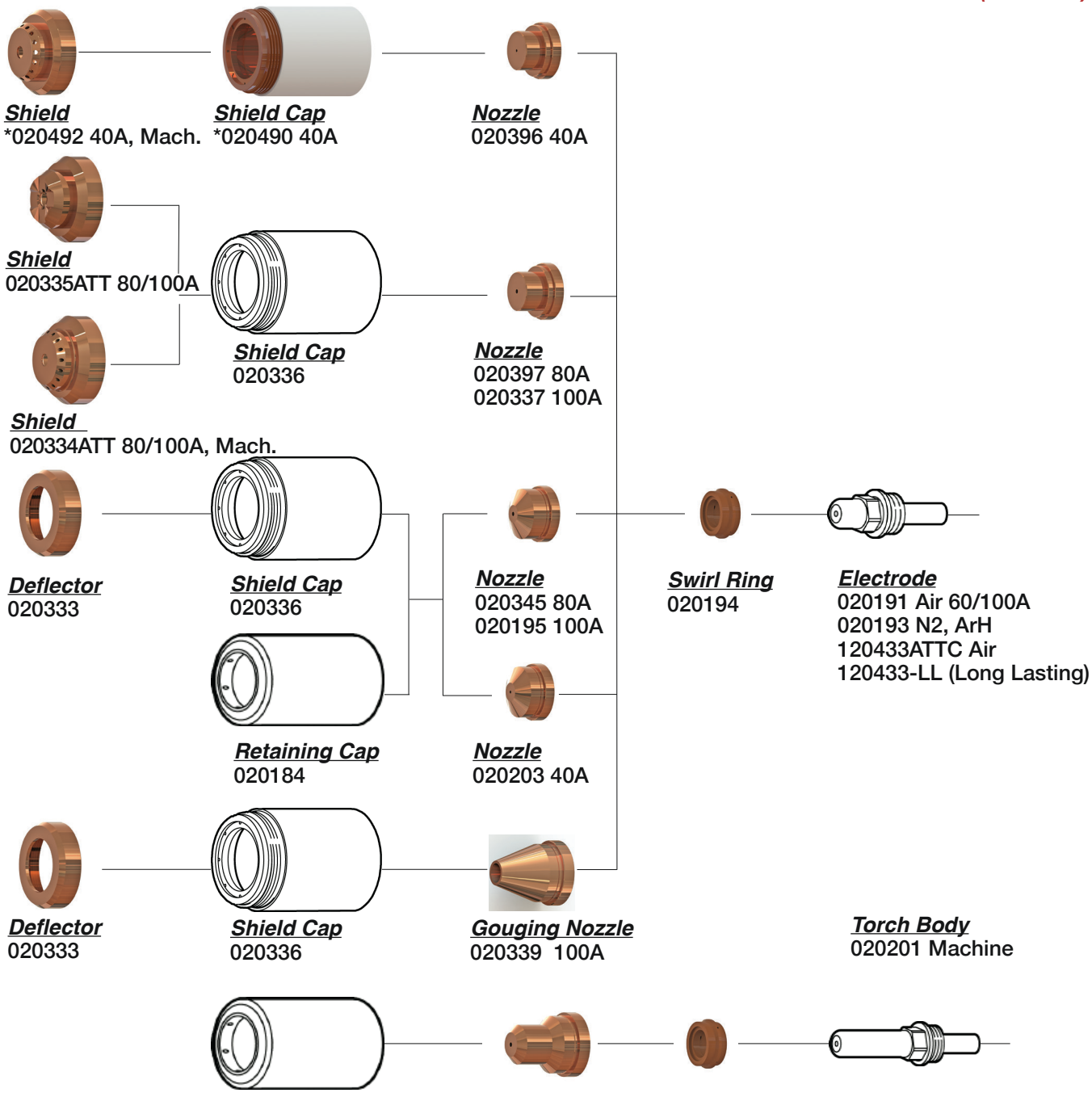


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**HYPERTHERM®**

**HYPERTHERM® MAX-100® (PAC130)**

**PLASMA**



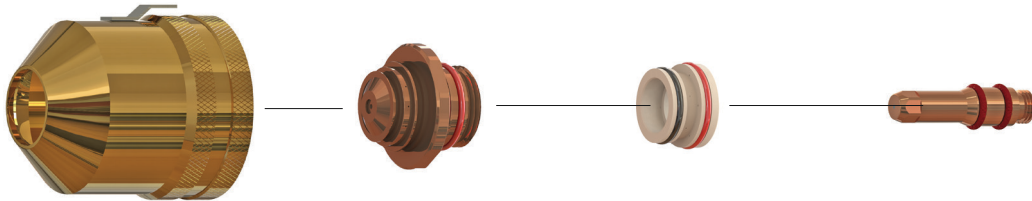
**Not Shown**

- 026018 O-ring
- \*027102 Wrench
- 028325 Parts Kit, Hand
- 028375 Parts Kit, Machine
- 059078 Torch w/Kit
- 020201 Torch Body & Machine

**HYPERTHERM<sup>®</sup>**

**PLASMA**

**HYPERTHERM<sup>®</sup> HD4070<sup>®</sup>**



**Retaining Cap**

120786ATTC w/o tab  
120907ATTC with tab

**Nozzle**

120685ATTC 70A  
120660ATTC 100A  
120692ATTC 200A

**Swirl Ring**

\*120684 70A  
\*120655 100A  
\*120691 200A

**Electrode**

120683ATTC 70A  
120654ATTC 100A  
120690ATTC 200A

**Mild Steel**

120713ATTC 70A  
120720ATTC 100A  
120727ATTC 200A  
120748ATTC 70A  
120755ATTC 100A  
120762ATTC 300A

\*120712 70A  
\*120719 100A  
\*120726 200A  
\*120747 70A  
\*120754 100A  
\*120761 200A

120711ATTC 70A  
120718ATTC 100A  
120725ATTC 200A

**Stainless Steel**

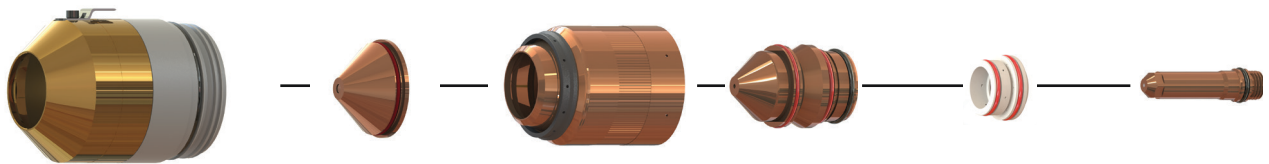
**Not Shown**

\*120651 Torch Body

**Aluminum**

**HYPERTHERM<sup>®</sup> 260<sup>®</sup> (BEVELING)**

**130 Amp Mild Steel Stainless**



**Outer Cap**  
220398ATTC

**Shield**  
220645ATTC  
220609ATTC

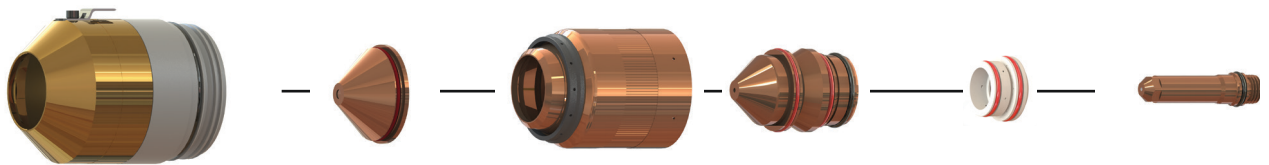
**Retaining Cap**  
220603  
220608

**Nozzle**  
220646ATTC  
220656ATTC

**Swirl Ring**  
\*220179

**Electrode**  
220649ATTC  
220606ATTC

**260 Amp Mild Steel Stainless**



**Outer Cap**  
220398ATTC

**Shield**  
220545ATTC  
220609ATTC

**Retaining Cap**  
220603ATT  
220608ATT

**Nozzle**  
220542ATTC  
220607ATTC

**Swirl Ring**  
\*220436

**Electrode**  
220541ATTC  
220606ATTC



**Water Tube**  
220571ATTC  
220700ATTC

\*ATTC Water Tube must be used with ATTC electrode.



**CleanCut™**

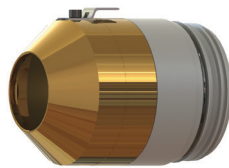

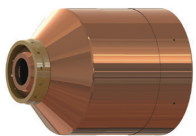
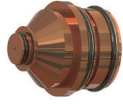


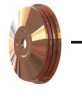
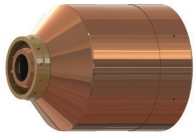



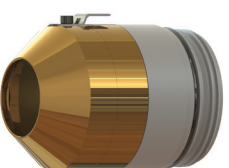
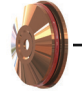
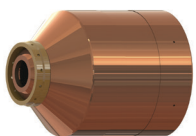
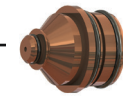


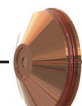
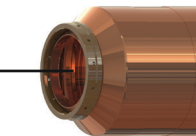
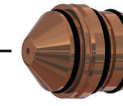


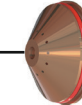
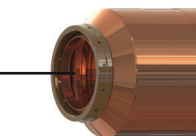
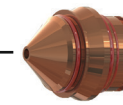


Next-Generation Plasma Consumables are available for the HPR130 and HPR260.

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**HYPERTHERM®**

HYPERTHERM® HPR130® & 260®

**PLASMA**

 <b>Shield Cap</b> 220173ATTC	<b>30 Amp</b>	 <u>Shield</u> 220194	 <u>Retaining Cap</u> 220313ATTC	 <u>Nozzle</u> 220193ATTC	 <u>Swirl Ring</u> 220180 30-45A	 <u>Electrode</u> 220192ATT
	<b>80 Amp</b>	 <u>Shield</u> 220189ATTC 220198ATTC	 <u>Retaining Cap</u> 220176ATTC 220304ATTC (H35)	 <u>Nozzle</u> 220188ATTC 220337ATTC	 <u>Swirl Ring</u> 220179	 <u>Electrode</u> 220187ATT 220339ATT
	<b>Mild Steel</b> <b>Stainless</b>					
 <b>Shield Cap</b> 220398ATTC	<b>130 Amp</b>	 <u>Shield</u> 220183ATTC 220198ATTC	 <u>Retaining Cap</u> 220176ATTC 220304ATTC (H35) 220176ATTC (N2)	 <u>Nozzle</u> 220182ATTC 220197ATTC	 <u>Swirl Ring</u> 220179	 <u>Electrode</u> 220181ATT 220665ATTC (Silver) 220307ATT
	<b>200 Amp</b>	 <u>Shield</u> 220356ATTC 220345ATTC	 <u>Retaining Cap</u> 220355ATTC 220344ATTC	 <u>Nozzle</u> 220354ATTC 220343ATTC	 <u>Swirl Ring</u> 220353 220342	 <u>Electrode</u> 220352ATT 220666ATTC (Silver) 220307ATT
	<b>Mild Steel</b> <b>Stainless</b>					
	<b>260 Amp</b>	 <u>Shield</u> 220440ATT 220407ATT	 <u>Retaining Cap</u> 220433ATTC 220344ATTC	 <u>Nozzle</u> 220439ATTC 220406ATTC	 <u>Swirl Ring</u> 220436 220405	 <u>Electrode</u> 220435ATT 220668ATTC (Silver) 220307ATT
	<b>Mild Steel</b> <b>Stainless</b>					



Water Tube  
220340ATTC

ATTC Water Tube must be used with ATTC electrode

**Not Shown**

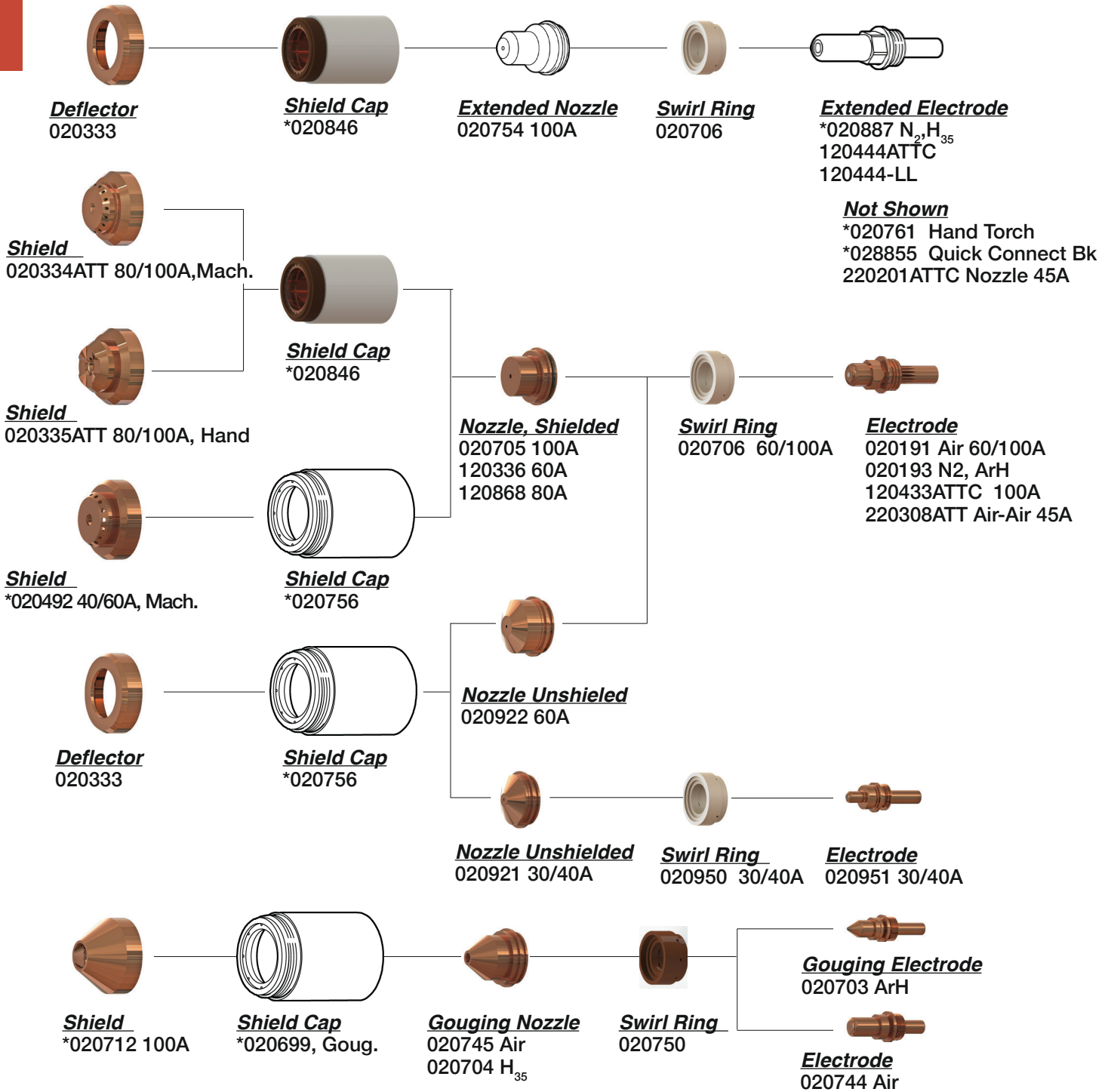
- 220644ATTC Inner Retainer 100A
- 220347ATTC Inner Retainer Cap
- 220202 Shield 45A

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**HYPERTHERM<sup>®</sup> MAX-100D<sup>®</sup>(PAC160)**

**PLASMA**

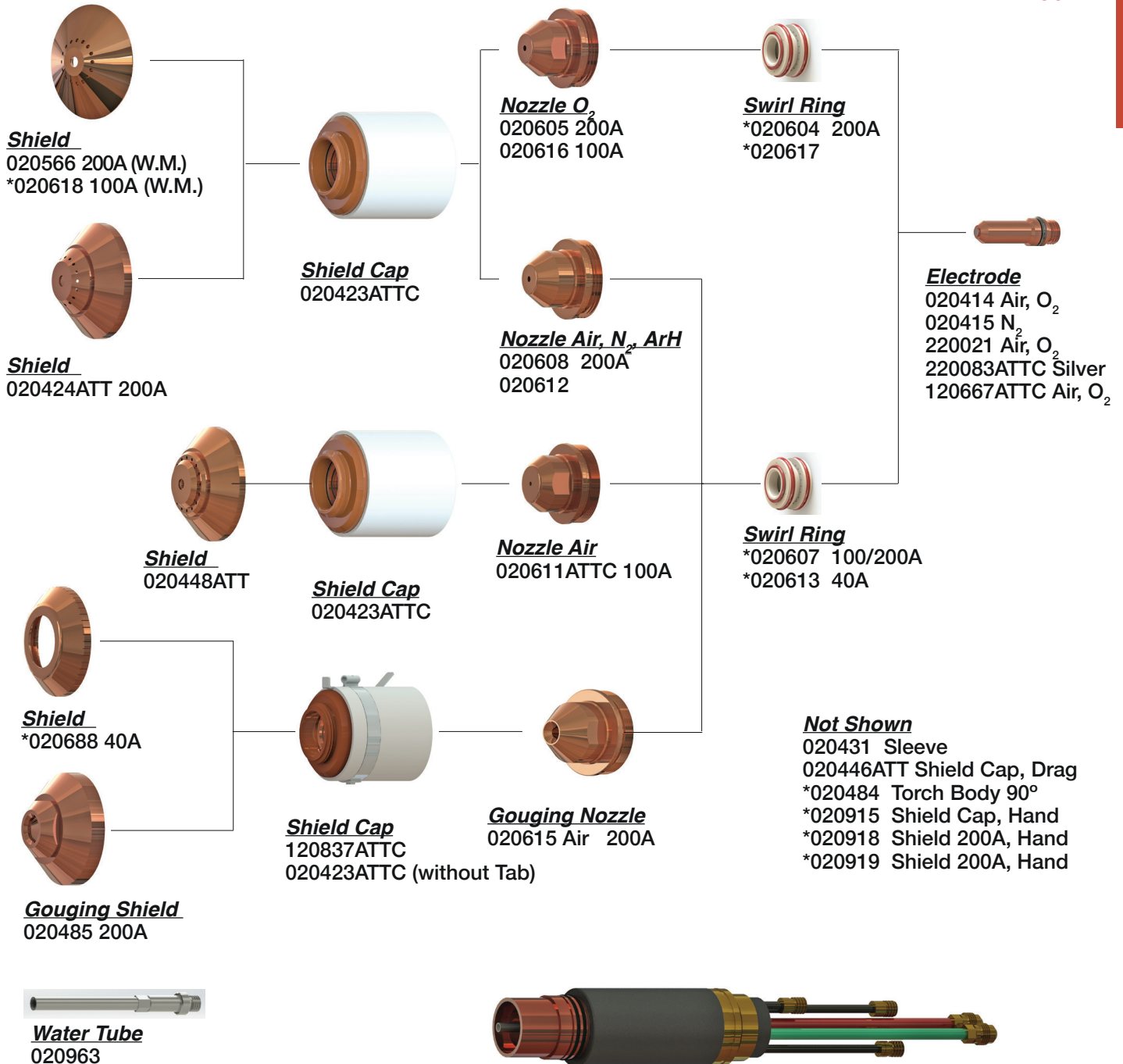


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**HYPERTHERM®**

**HYPERTHERM® MAX-200®**

**PLASMA**



**Misc. parts not shown for Rev.1 Torch**

- |                   |                    |
|-------------------|--------------------|
| 020416 Swirl Ring | *020425 Swirl Ring |
| 020417 Nozzle     | 020447 Nozzle      |
| 020418 Nozzle     | 020486 Nozzle      |

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> MAXPRO-200<sup>®</sup>**

**PLASMA**

**CleanCut<sup>™</sup>**  
 Next-Generation Plasma Consumables  
 are available for the **HYPERTHERM<sup>®</sup>**  
**MAXPRO-200<sup>®</sup>**.  
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Amperage	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube**
<b>Mild Steel – Air Plasma</b>						
50A	220532	220936	220890ATTC	*220529	220528ATTC	220521ATTC
130A	220536	220935 w/o tab	220892ATTC	*220488	220487ATTC	220521ATTC
200A	420045		420044ATTC	*220488	220937ATTC	220521ATTC
<b>Mild Steel – O2 Plasma</b>						
50A	220532	220936	220891ATTC	*220529	220528ATTC	220521ATTC
130A	220491	220935 w/o tab	220893ATTC	*220488	220487ATTC	220521ATTC
200A	220832		220831ATTC	*220834	220937ATTC	220521ATTC
<b>Stainless Steel / Aluminum – N2 Plasma</b>						
130A	220536	220936	220892ATTC	*220529	020415ATTC	220521ATTC
200A	420045	220935 w/o tab	420044ATTC	*220529	020415ATTC	220521ATTC

**\*\*ATTC-style water tube needs to be used with ATTC-style electrode.**



New for Hypertherm® HPR130®, HPR260®, HPR260XD® & HPR400XD®

**CleanCut**™

**Next-Generation Plasma Consumables**  
From American Torch Tip

**BURN LONGER.  
CUT CLEANER.**

**CleanCut**™

*Designed to Work Together*

**CleanCut™ Electrode**

**Extend Electrode Life**

- More efficient cooling
- Extended hafnium electrode life
- 25% – 50% longer production time

**Prevent Nozzle Damage**

- Cooler silver electrodes diminish nozzle damage
- Nozzles paired with silver electrodes last longer

**CleanCut™ Rocket Nozzle**

(patent pending)

**Supercharge the Plasma Arc**

- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

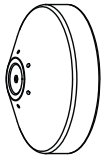
**CleanCut**™

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AMERICAN  
TORCH TIP **ATTC**™

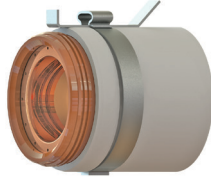


**HYPERTHERM<sup>®</sup> HSD-130<sup>®</sup>**



**Shield**

- 220532ATT 45A Air
- 220532ATT 50A O<sub>2</sub>
- 220536ATT 130A Air
- 220491ATT 130A O<sub>2</sub>



**Shield Cap**

- 220578
- 220534



**Nozzle**

- 220525ATTC
- 220530ATTC
- 220489ATTC
- 220492ATTC



**Swirl Ring**

- 220488
- 220529

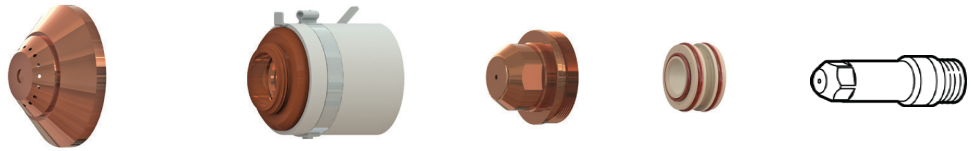


**Electrode**

- 020415
- 220528ATTC
- 220487

**HYPERTHERM®**

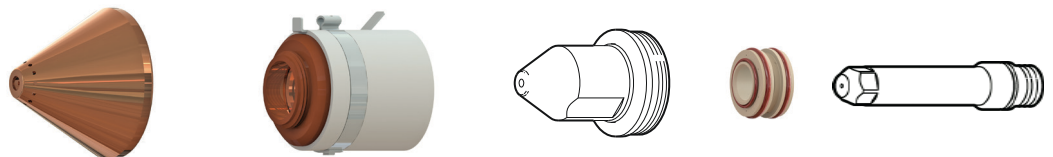
**HYPERTHERM® HT-2000®**



*(Typical setup shown. Parts for your application may look slightly different)*

**PLASMA**

Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
<b>Mild Steel</b>						
200	O <sub>2</sub> / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020605	120833	220084ATTC Clean Cut
200	O <sub>2</sub> / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020605	120833	120667ATTC
200	Air / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020608	020679	120667ATTC
200	N <sub>2</sub> / CO <sub>2</sub>	020424	120837 (w/ tab) 020423 (w/o tab)	020608	020607	020415
100	Air / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020611	020607	120547ATTC
100	O <sub>2</sub> / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020690	020613	120547ATTC
50	O <sub>2</sub> / O <sub>2</sub>	120186*	120185*	120182*	120179	120178
<b>Stainless Steel / Aluminum</b>						
200	Air / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020608	020679	120667ATTC
200	N <sub>2</sub> / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020608	020607	020415
200	N <sub>2</sub> / CO <sub>2</sub>	020424	120837 (w/ tab) 020423 (w/o tab)	020608	020607	020415
200	H35 / N <sub>2</sub>	020602	120837 (w/ tab) 020423 (w/o tab)	020608	020607	020415
100	Air / Air	020448	120837 (w/ tab) 020423 (w/o tab)	020611	020607	120547ATTC
100	H35 / N <sub>2</sub>	020448	120837 (w/ tab) 020423 (w/o tab)	020611	020607	020415
40	O <sub>2</sub> / Air	020688	020423 w/o tab	020611	020613	120667ATTC

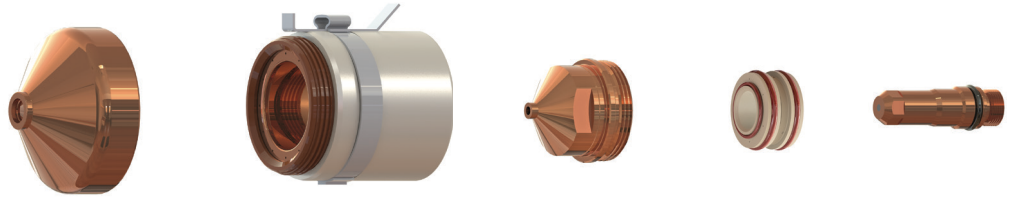


Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
<b>Bevel Cutting</b>						
200	O <sub>2</sub> / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020605	120833	120258

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**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> HT-2000<sup>®</sup> HIGH SPEED**

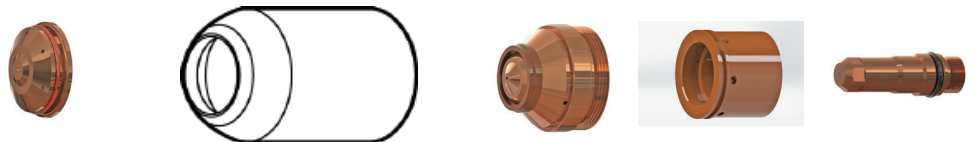


*(Typical setup shown. Parts for your application may look slightly different)*

Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
<b>HySpeed<sup>®</sup></b>						
200	O <sub>2</sub> / Air	020424	120239ATT <sup>C</sup>	220237ATT <sup>C</sup>	220236*	220235

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> HT-2000<sup>®</sup> 50 AMP SETUP**



*(Typical setup shown. Parts for your application may look slightly different)*

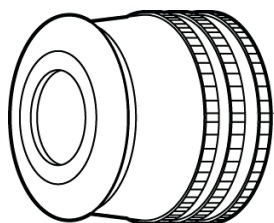
Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
<b>HySpeed<sup>®</sup></b>						
200	O <sub>2</sub> / Air	020424	120239ATT <sup>C</sup>	220237ATT <sup>C</sup>	220236*	220235

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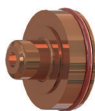
**HYPERTHERM®**

**HYPERTHERM® HT-400®**

**PLASMA**



**Retaining Cap**  
020087



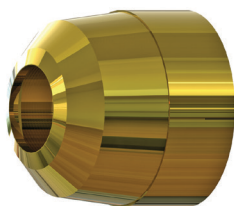
**Nozzle N<sub>2</sub>**  
020084 .166  
020089 .120



**Swirl Ring N<sub>2</sub>**  
020039 .120-.187  
020042 .120-.187



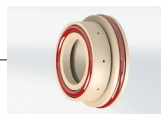
**Electrode N<sub>2</sub>**  
020082



**Retaining Cap**  
020246 Tapered, Vespel  
020579 Tapered, Vespel



**Nozzle O<sub>2</sub>**  
020086 .099  
020392 .099 (ccw)



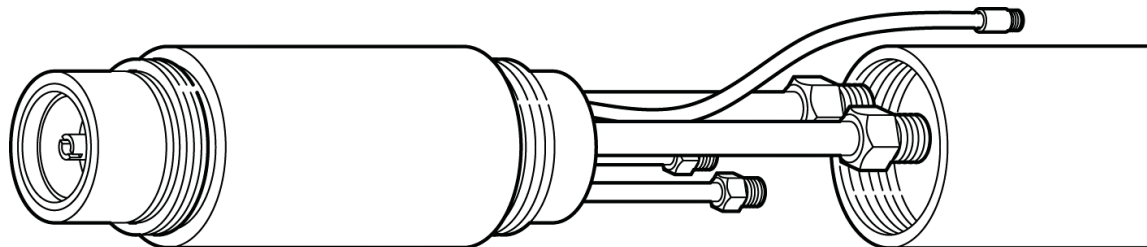
**Swirl Ring O<sub>2</sub>**  
020096  
020097 (ccw)  
020380 .099  
020391 .099 (ccw)



**Electrode O<sub>2</sub>**  
020081  
\*220397



**Water Tube**  
020990

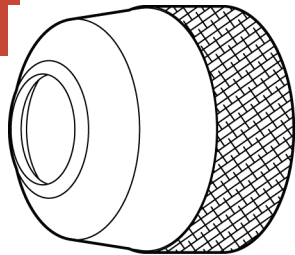


**Torch Body**  
020080

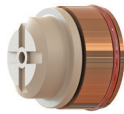
**Insulator Sleeve**  
020041

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> HT-4001<sup>®</sup> (PAC620)**



**Retaining Cap**  
 \*020580 Standard, Vespel  
 020286 Standard, Vespel



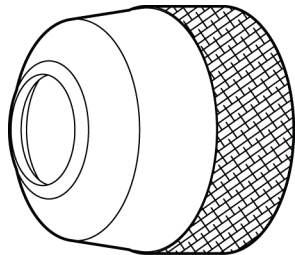
**Nozzle N<sub>2</sub>**  
 020281 .120  
 020282 .166  
 020283 .187  
 020284 220



**Swirl Ring N<sub>2</sub>**  
 020039 .120-.187  
 020040 .220  
 020042 .120-.187 (ccw)  
 020079 .220 (ccw)



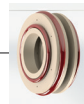
**Electrode N<sub>2</sub>**  
 020285



**Retaining Cap**  
 020579 Tapered, Vespel  
 120390



**Nozzle O<sub>2</sub>**  
 020086 .099



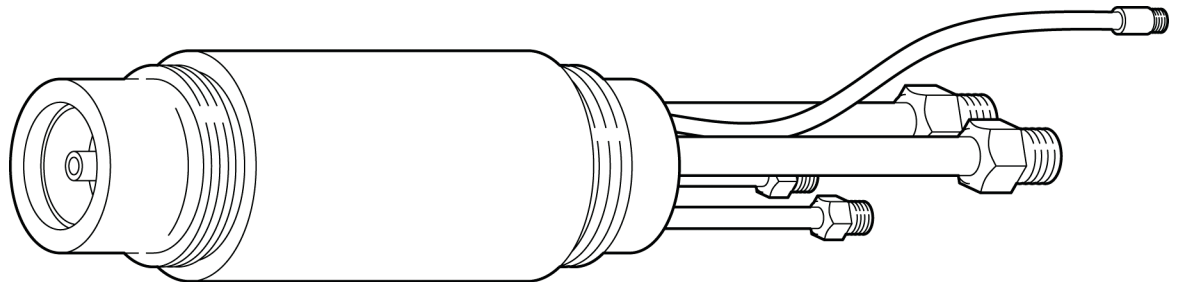
**Swirl Ring O<sub>2</sub>**  
 020623 260A  
 120135 340A



**Electrode O<sub>2</sub>**  
 020663 260A  
 120090ATTC 340A  
 120630ATTC  
 220397ATTC (Silver)



**Water Tube**  
 020990 170,400,600

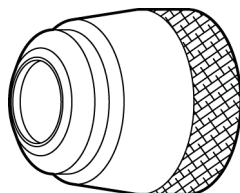


**Torch Body**  
 020328



**HYPERTHERM®**

**HYPERTHERM® HT-4001® (PAC 620) BEVELING**



**Retaining Cap**  
\*120004 Vectra  
\*020969 Vespel



**Nozzle N<sub>2</sub>**  
\*120386 .120  
120387 .166  
120388 .187  
\*120389 .220



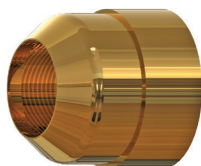
**Swirl Ring N<sub>2</sub>**  
020039 .120-.187  
020040 .220  
020042 .120-.187 (ccw)  
020079 .220 (ccw)



**Electrode N<sub>2</sub>**  
020968



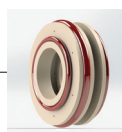
**Water Tube N<sub>2</sub>**  
020991



**Retaining Cap**  
120390



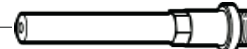
**Nozzle O<sub>2</sub>**  
120384  
120385 (ccw)



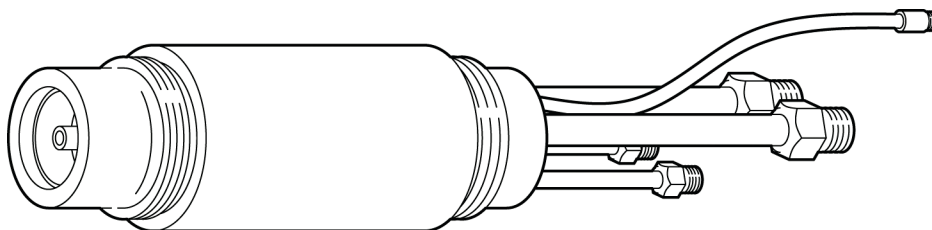
**Swirl Ring O<sub>2</sub>**  
020623 260A  
\*120015 (ccw)



**Electrode O<sub>2</sub>**  
020975 260A  
120462ATTC  
120836ATTC



**Water Tube O<sub>2</sub>**  
020992

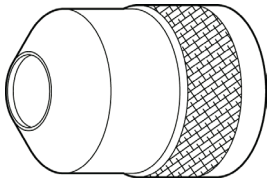


**Torch Body**  
020970

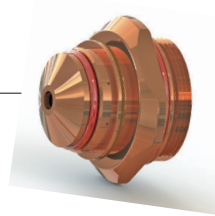
**Not Shown**  
\*020749 Sleeve

**HYPERTHERM<sup>®</sup>**

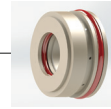
**HYPERTHERM<sup>®</sup> HT-4100<sup>®</sup> PAC 611**



**Retaining Cap**  
120103ATTC



**Nozzle**  
020719  
120096  
120116 (ccw)



**Swirl Ring**  
\*120115 (ccw)  
\*120108

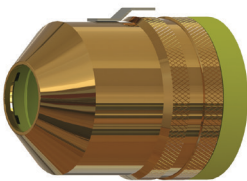


**Electrode**  
020721

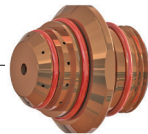
**Not Shown**

- 028513 Lead 35'
- 120025 Water Tube
- \*120107 Torch Body
- \*120651 Torch Body w/QD
- \*120984 Underwater Cap

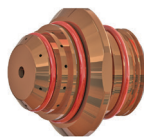
**HYPERTHERM<sup>®</sup> HT4400<sup>®</sup>**



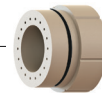
**Retaining Cap**  
120907ATTC w/ Tab  
120786ATTC w/o Tab



**Nozzle**  
120777ATT 100A, O<sub>2</sub>  
120787ATT 200A, O<sub>2</sub>



**Nozzle**  
120794ATTC 300A, O<sub>2</sub>  
120795ATT 300A, CC  
120856ATT 400A, N<sub>2</sub>  
120934ATT 400A, O<sub>2</sub>  
120935ATT 400A CC



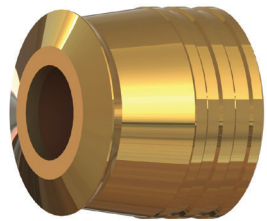
**Swirl Ring**  
120783 100A, O<sub>2</sub>  
\*120791 200A, O<sub>2</sub>  
120853 200/400A, N<sub>2</sub>  
120913 300A, O<sub>2</sub>  
120939 400A, O<sub>2</sub>



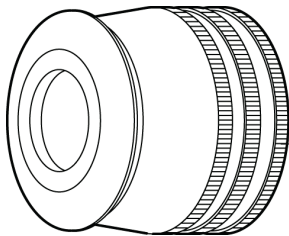
**Electrode**  
120785ATTC 100A, O<sub>2</sub>  
120793ATTC 200A, O<sub>2</sub>  
120802ATTC 300A, O<sub>2</sub>  
120810ATTC 400A, O<sub>2</sub>  
120855ATTC 200/400A, N<sub>2</sub>  
220412ATTC (Silver) 300/400A

**HYPERTHERM®**

**HYPERTHERM® PAC 500**



**Retaining Cap - High Amp.**  
020043 Flared



**Retaining Cap - Low Current**  
020034 Tapered  
020610



**Water Tube**  
120035



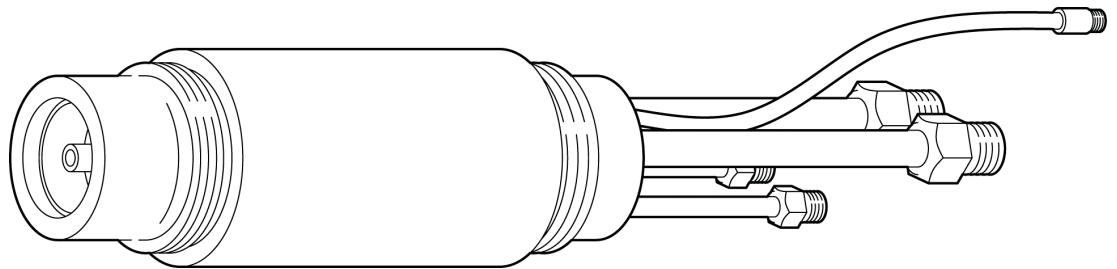
**Nozzle N<sub>2</sub>**  
020035 .166  
020036 .187  
020037 .220  
020047 .250, ArH  
020050 .120



**Swirl Ring N<sub>2</sub>**  
020039 .120-.187  
020040 .220  
020048 .250  
020042 .120-.187 (ccw)  
020079 .220 (ccw)



**Electrode N<sub>2</sub>**  
020038



**Torch Body**  
020030

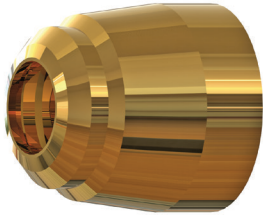


**Insulator Sleeve**  
020041

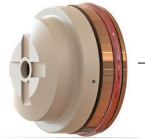
**PLASMA**

**HYPERTHERM<sup>®</sup>**

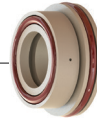
**HYPERTHERM<sup>®</sup> PAC 600**



**Retaining Cap**  
020286 Standard, Vespel  
020579 Tapered



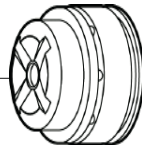
**Nozzle O<sub>2</sub>**  
020086 .099  
020392 .099 (ccw)



**Swirl Ring O<sub>2</sub>**  
020380 .099  
020391 .099 (ccw)



**Electrode O<sub>2</sub>**  
020081  
120090ATTC 340A  
220412ATTC (silver)



**Nozzle N<sub>2</sub>**  
020281 .120  
020282 .166  
020283 .187  
020284 .220  
\*020321 .250



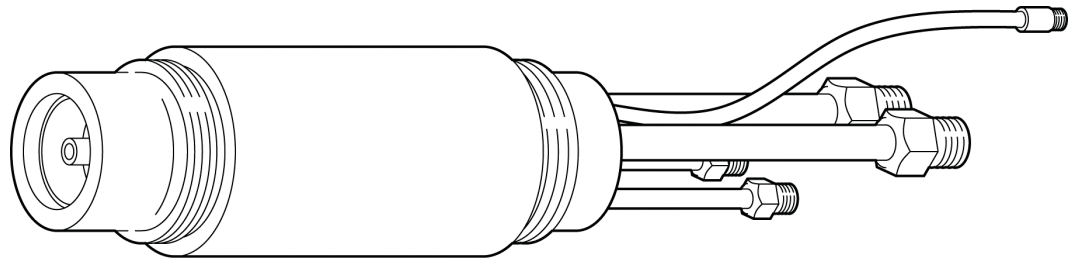
**Swirl Ring N<sub>2</sub>**  
020039 .120-.187  
020042 .120-.187 (ccw)  
020040 .220  
020079 .220 (ccw)



**Electrode N<sub>2</sub>**  
020285



**Water Tube**  
020990



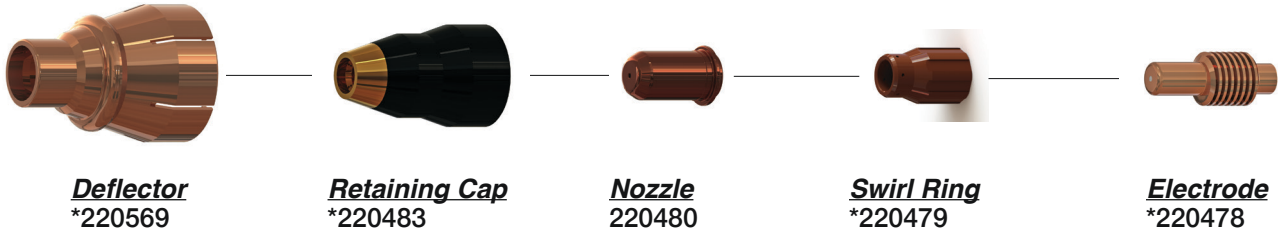
**Torch Body**  
020328



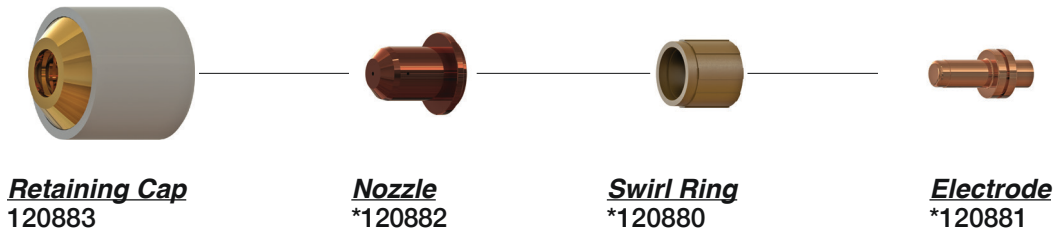
**Insulator Sleeve**  
020041

**HYPERTHERM®**

**HYPERTHERM® POWERMAX-30**

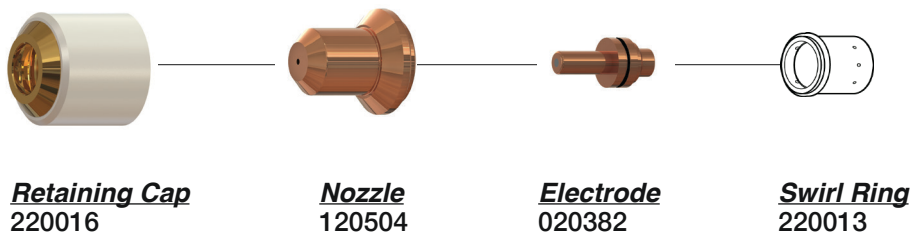


**HYPERTHERM® POWERMAX-190C (PAC105)**



**Not Shown**  
 120898 Retai ning Cap  
 120884 Shield

**HYPERTHERM® POWERMAX-380 (PAC110T)**

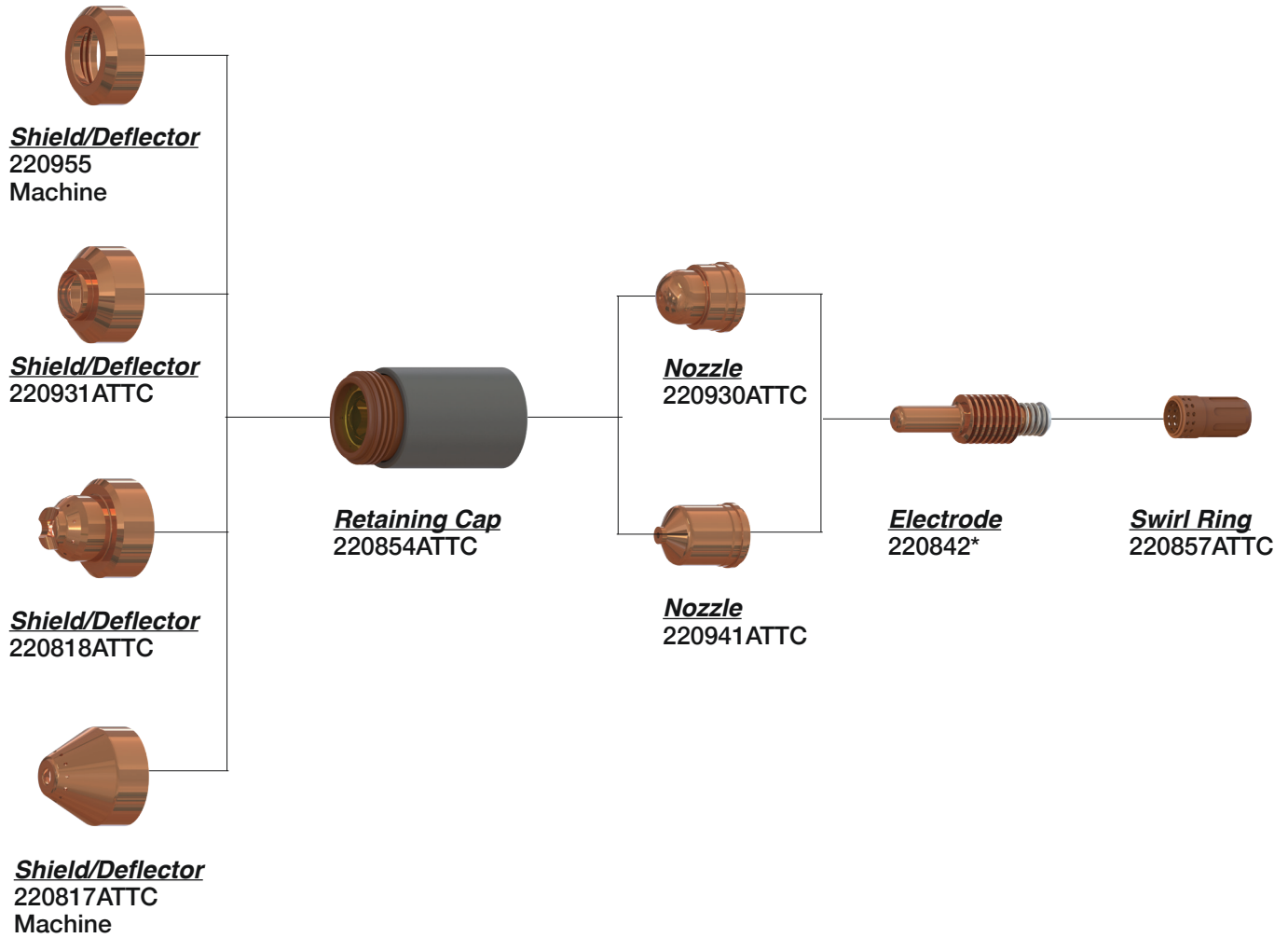




**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX45<sup>®</sup> XP**

**PLASMA**



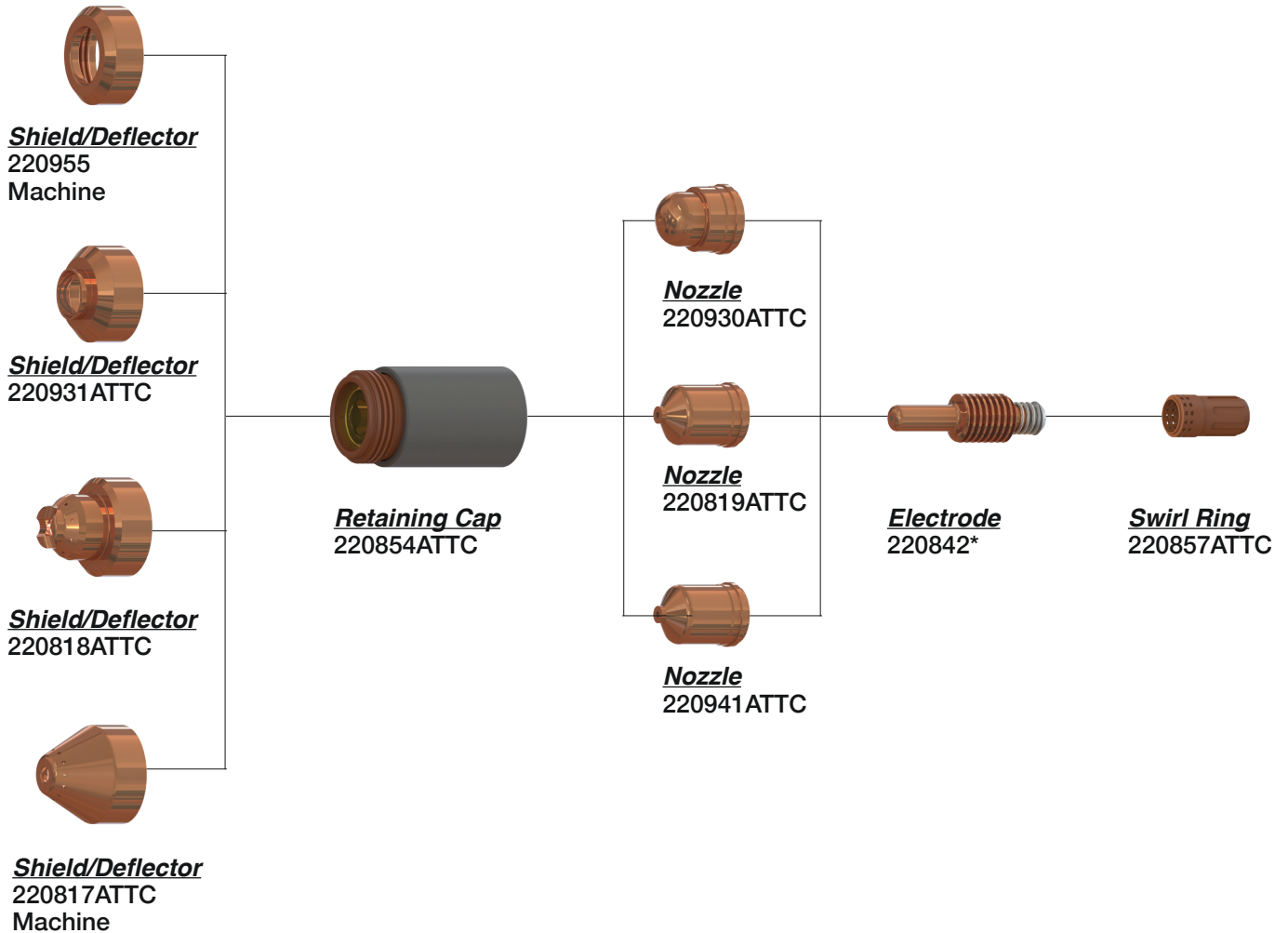
**Not Shown**

- \*220953 Retaining Cap
- \*220777 Electrode

**HYPERTHERM®**

**HYPERTHERM® POWERMAX65® XP**

**PLASMA**



**Not Shown**

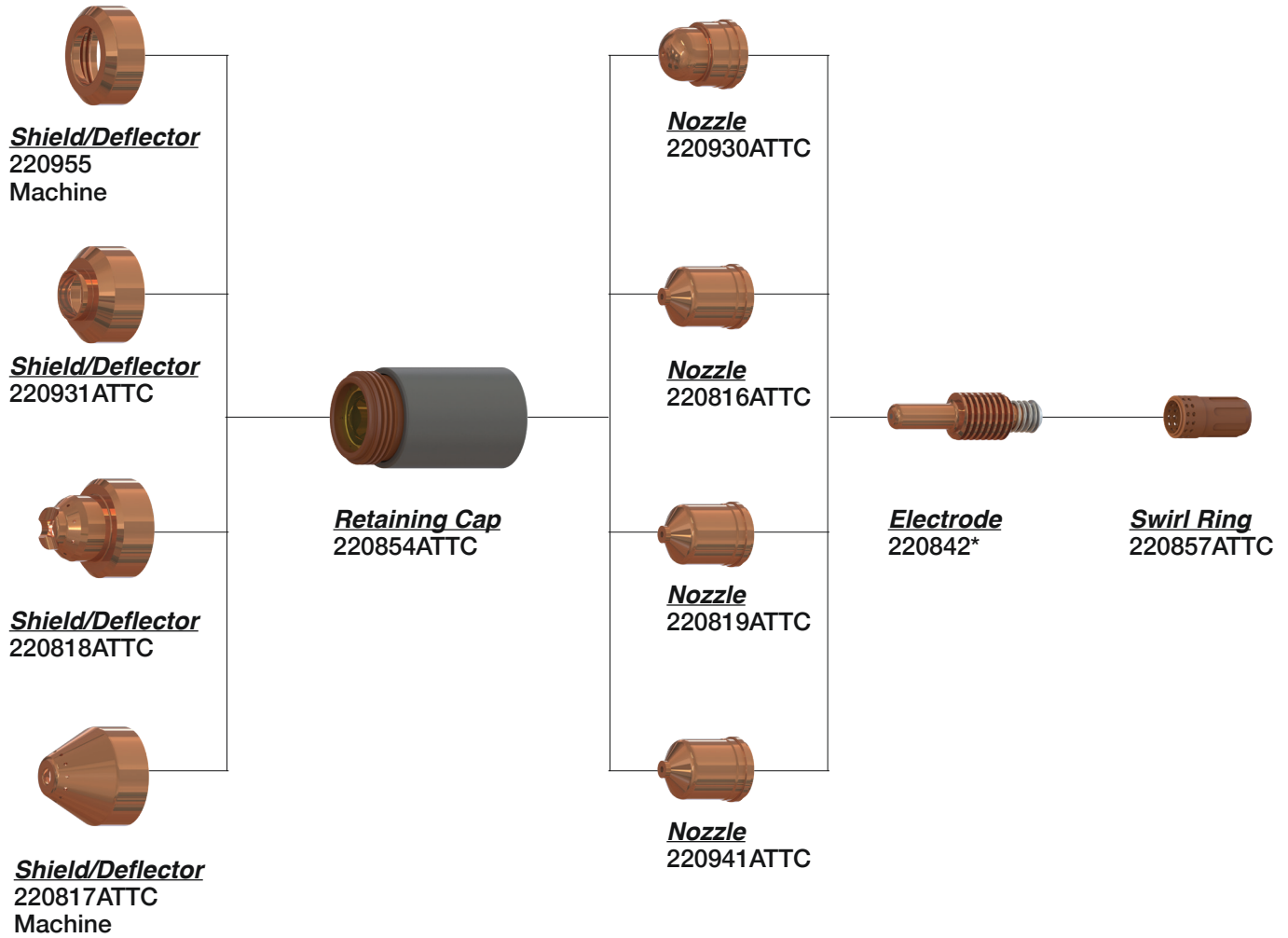
\*220953 Retaining Cap

\*220777 Electrode

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX85<sup>®</sup> XP**

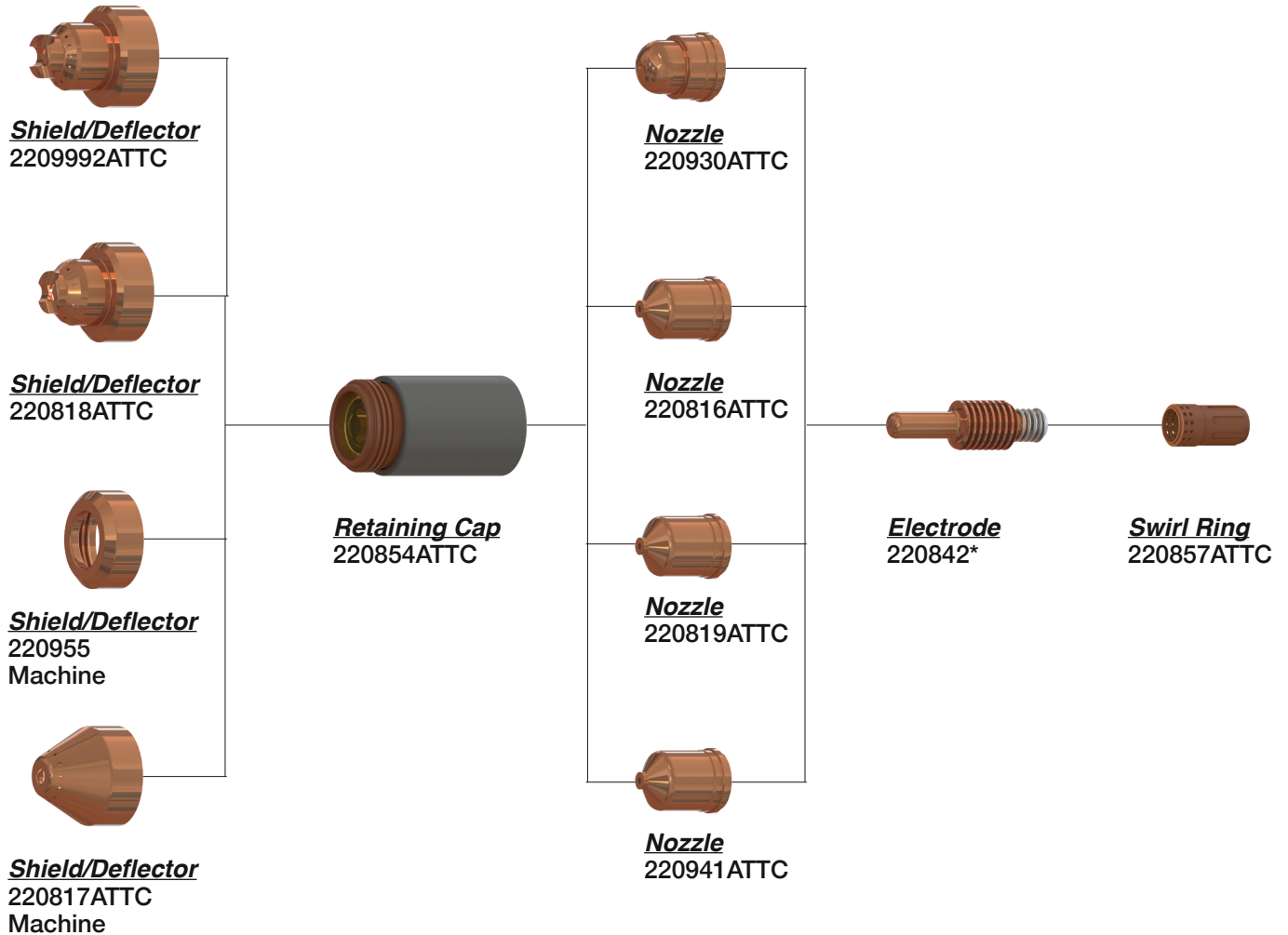
**PLASMA**



**Not Shown**

- \*220953 Retaining Cap
- \*220777 Electrode
- \*220948 Shield/Deflector Fine Cut

**HYPERTHERM® POWERMAX105® XP  
HANDHELD**



**Not Shown**

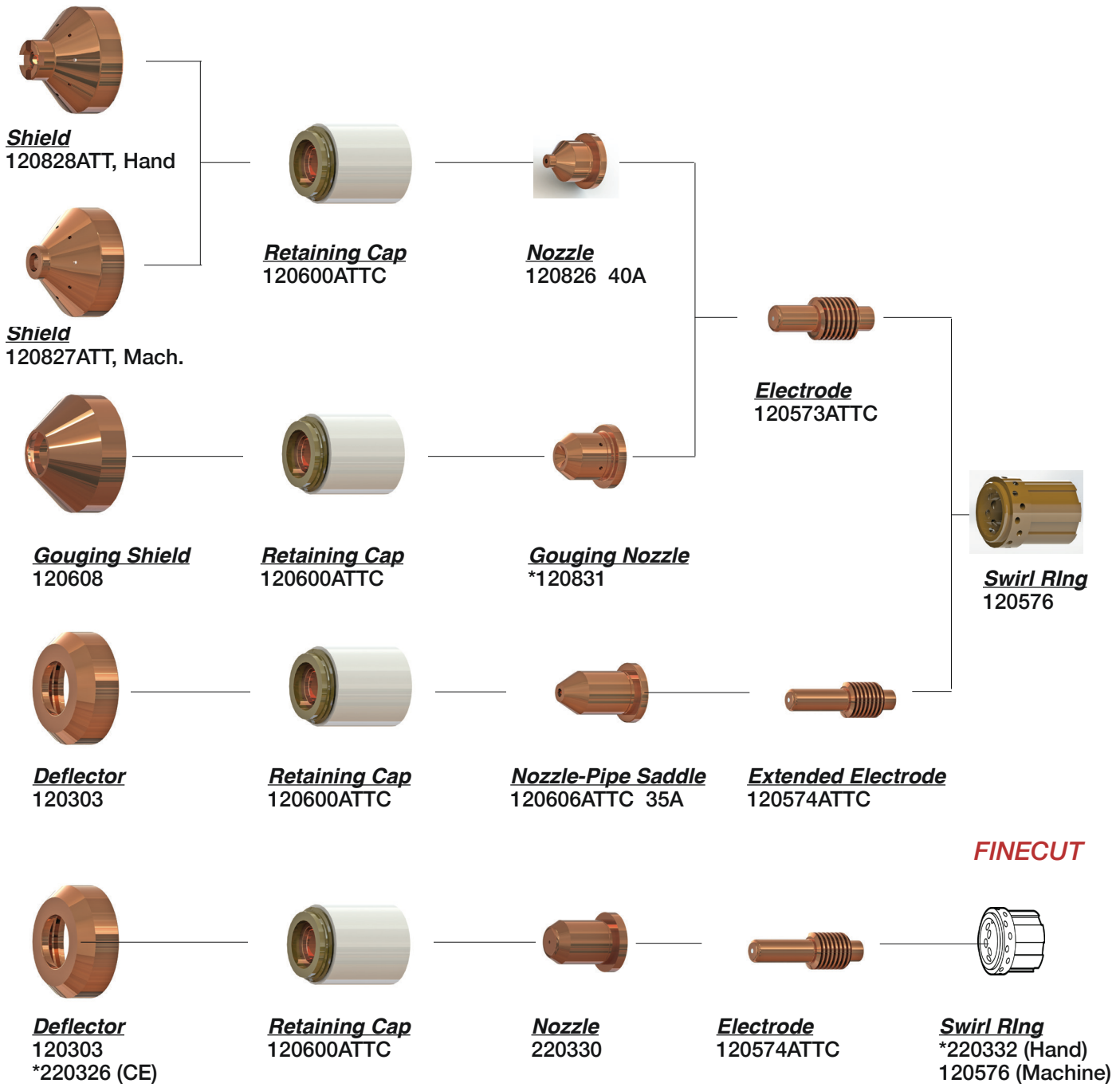
\*220953 Retaining Cap

\*220777 Electrode

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX-600<sup>®</sup> (PAC123T/M)**

**PLASMA**



**FINECUT**

**Not Shown**  
\*001288 Torch Handle  
120570 Hand Torch 123T  
120583 Machine Torch 180°

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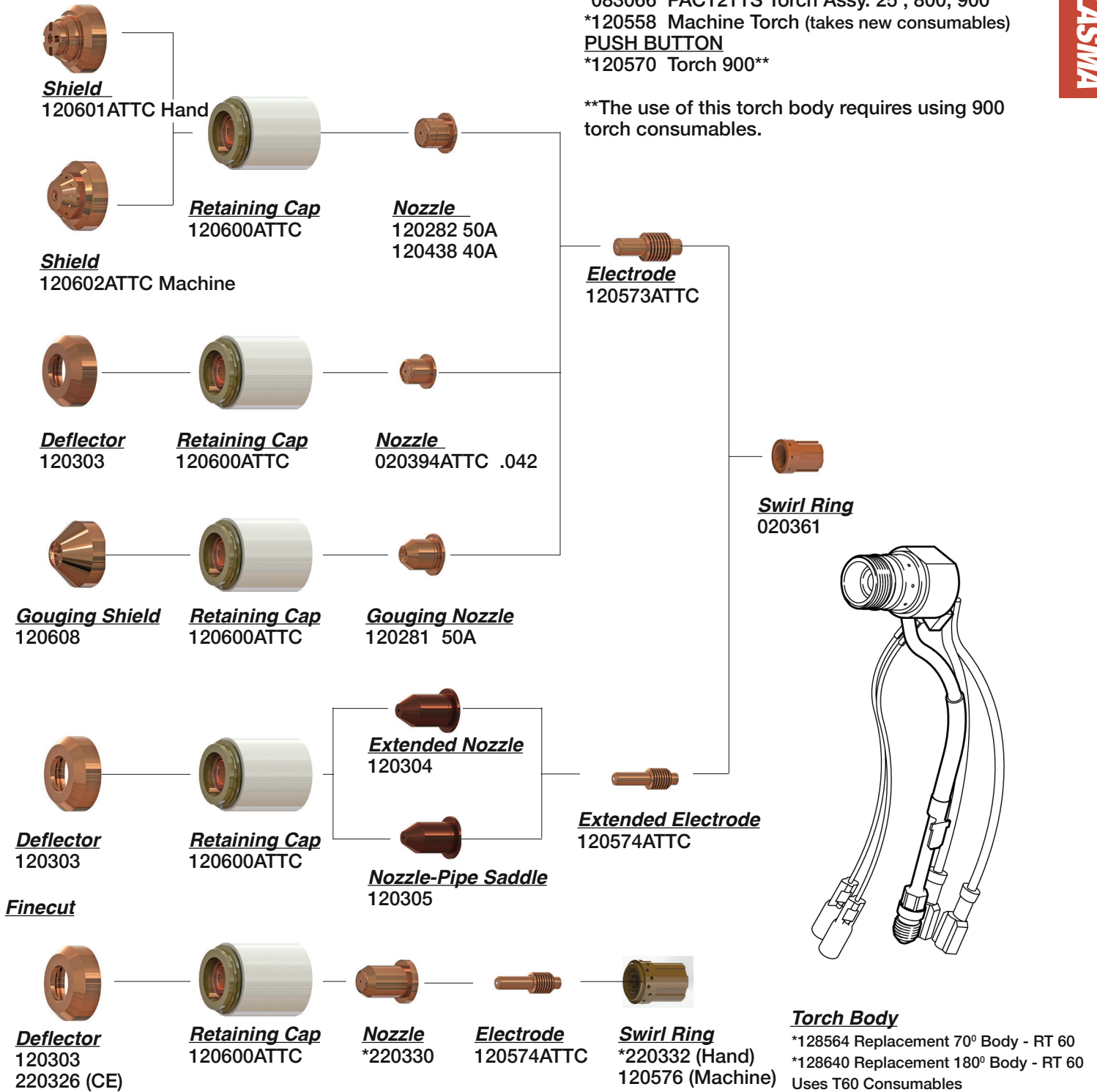
**HYPERTHERM®**

**HYPERTHERM® POWERMAX-800® (PAC121)**

**Not Shown**

- \*083066 PAC121TS Torch Assy. 25', 800, 900
- \*120558 Machine Torch (takes new consumables)
- PUSH BUTTON**
- \*120570 Torch 900\*\*

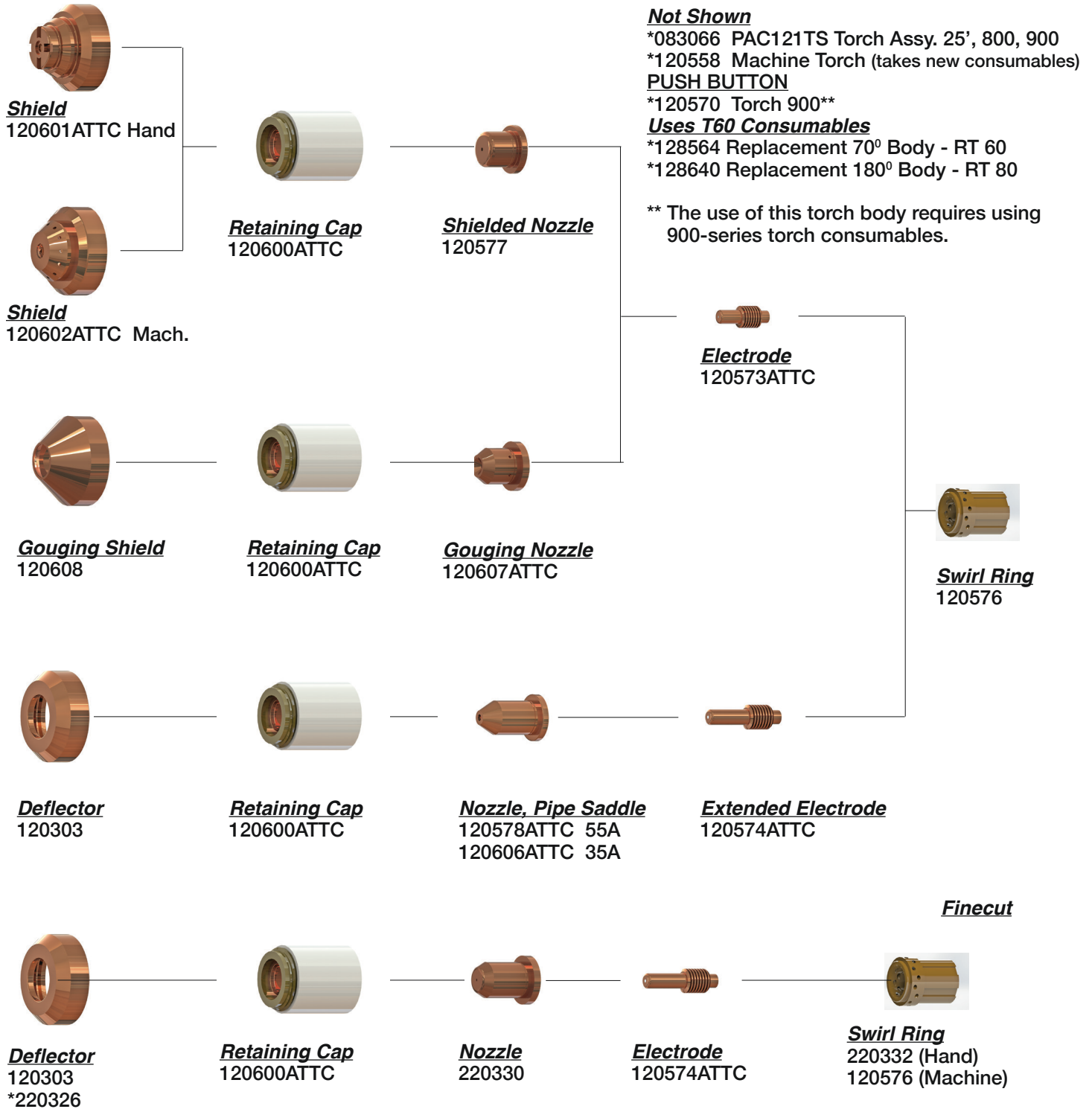
\*\*The use of this torch body requires using 900 torch consumables.



**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX-900<sup>®</sup> (PAC125T/M)**

**PLASMA**



**Finecut**

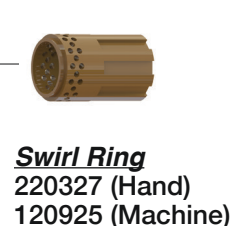
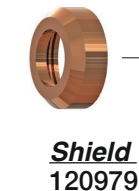
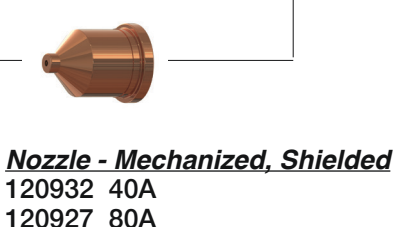
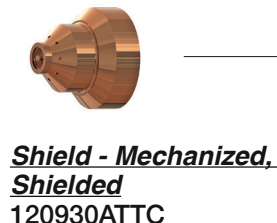
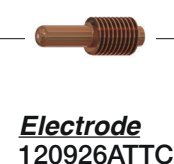
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**HYPERTHERM®**

**HYPERTHERM® POWERMAX-1000® T60/T60M**

**Not Shown**

- \*220404 Shield Cap, Fine Cut
- 220061 Shield Cap
- 12856 Torch Main Body - Hand
- 12863 Torch Main Body - Machine
- 128643 - Mounting Sleeve
- 083172 - Hand Torch and Lead - 25'
- 083173 - Hand Torch and Lead - 50'
- 083175 - Machine Torch & Lead - 5'
- 083174 - Machine Torch & Lead - 25'
- 083176 - Machine Torch & Lead - 35'
- 083177 - Machine Torch & Lead - 50'
- 128681 - Lead - Hand - 25'
- 128682 - Lead - Hand - 50'
- 128634 - Lead - Machine - 15'
- 128633 - Lead - Machine - 25'

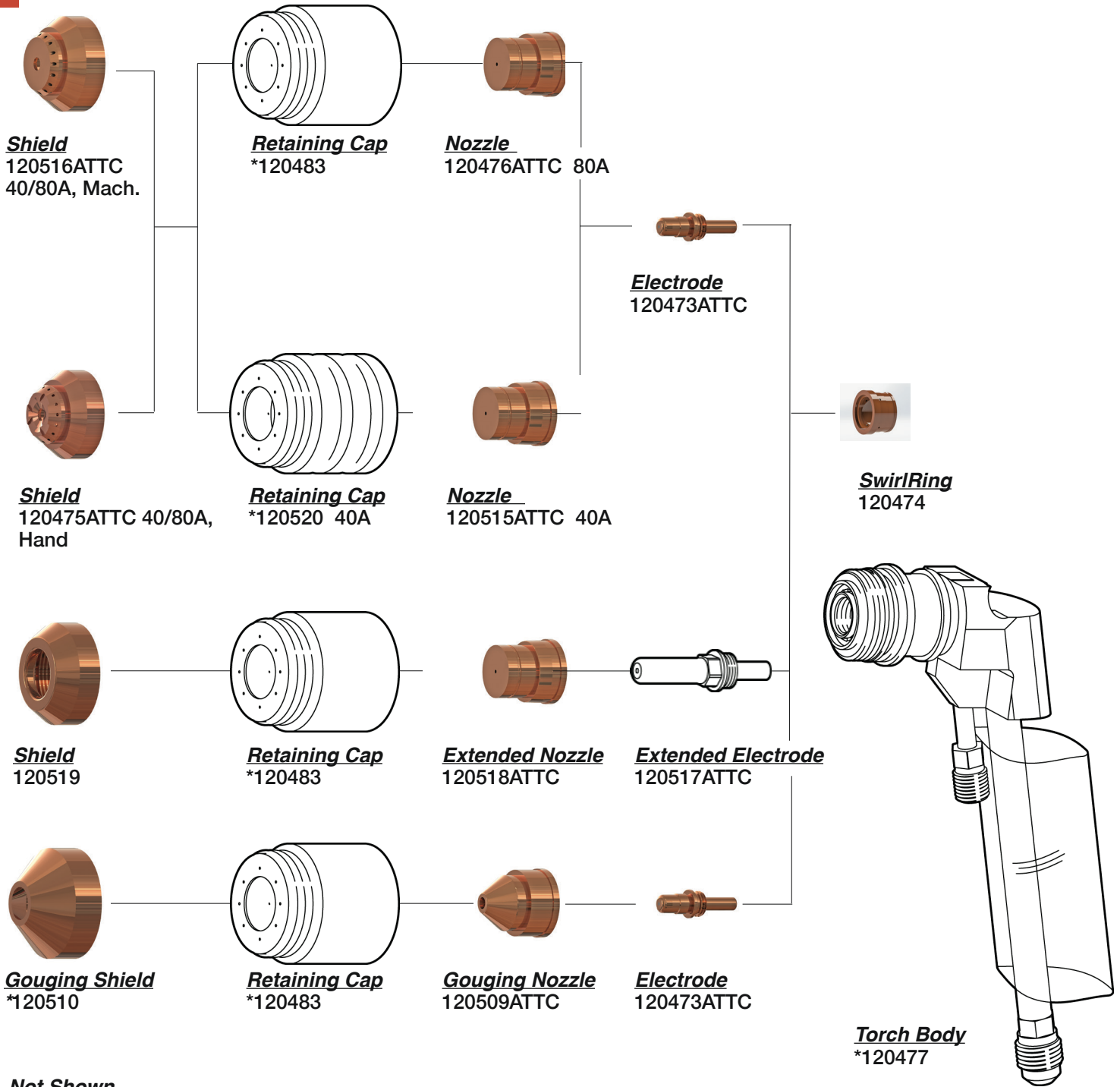


- \*128564 Replacement 70° Body - RT 80
- \*128640 Replacement 180° Body - RT 80

**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX-1100<sup>®</sup> (PAC135T)**

PL



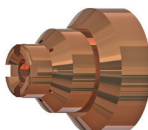
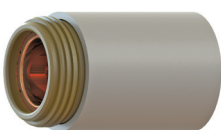
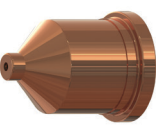
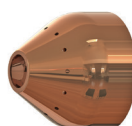
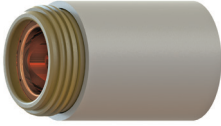
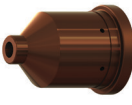

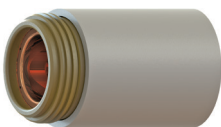

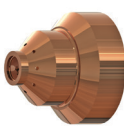
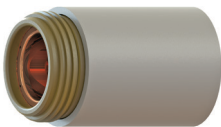

**Not Shown**  
\*002287 Handle Assy.



**HYPERTHERM®**

**HYPERTHERM® POWERMAX-1250® T80/T80M**

**PLASMA**

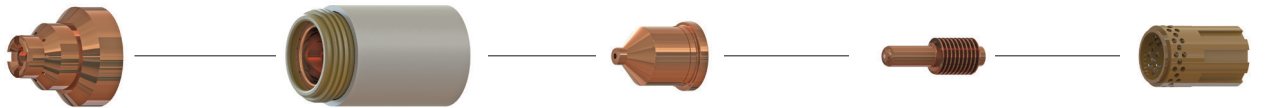
			<p><b>Not Shown</b></p> <ul style="list-style-type: none"> <li>087001 - Hand Torch &amp; Lead - 25'</li> <li>087002 - Hand Torch &amp; Lead - 50'</li> <li>128637 - Lead, Hand - 25'</li> <li>128636 - Lead, Hand - 50'</li> <li>087003 - Lead, Machine - 15'</li> <li>087004 - Lead, Machine - 25'</li> <li>087005 - Lead, Machine - 35'</li> <li>128634 - Lead, Machine - 15'</li> <li>128633 - Lead, Machine - 25'</li> <li>128564 - Torch Body, Hand</li> <li>128640 - Torch Body, Machine</li> </ul>	
<b>Shield</b> 120929ATTC	<b>Retaining Cap</b> 120928ATTC	<b>Nozzle - Hand Held, Shielded</b> 120932 40A 120931 60A 120927 80A		
				
<b>GougingShield</b> 120977ATTC	<b>Retaining Cap</b> 120928ATTC	<b>Gouging Nozzle</b> *120978 80A		
				
<b>Deflector</b> 120979	<b>Retaining Cap</b> 120928ATTC	<b>Nozzle - Unshielded</b> 220006 40A 220007ATTC 60A	<b>Electrode</b> 120926ATTC	<b>Swirl Ring</b> 120925
				
<b>Shield - Mechanized, Shielded</b> 120930ATTC	<b>Retaining Cap</b> 120928ATTC	<b>Nozzle - Mechanized, Shielded</b> 120932 40A 120927 80A		



**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX-1650**

**HAND TORCH**



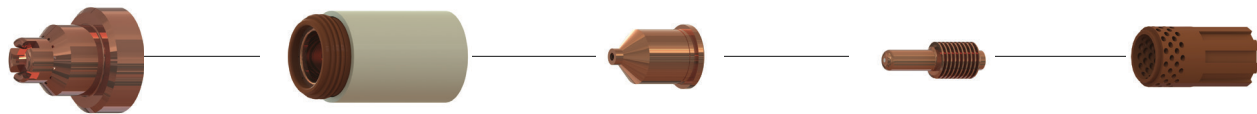
**Shield**  
120929ATTC

**Retaining Cap**  
120928

**Nozzle**  
120932 (40A)  
120931 (60A)  
120927 (80A)

**Electrode**  
120926ATTC

**Swirl Ring**  
120925



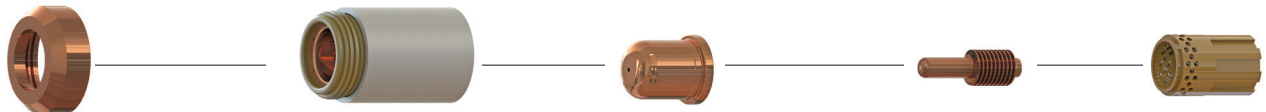
**Shield**  
220065ATTC

**Retaining Cap**  
220048

**Nozzle**  
220011ATTC (100A)

**Electrode**  
220037ATTC

**Swirl Ring**  
220051



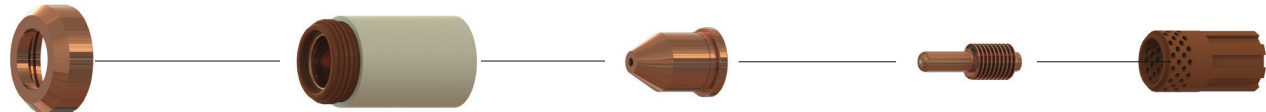
**Deflector**  
120979

**Retaining Cap**  
120928

**Nozzle**  
220006 (40A)  
220007ATTC (60A)  
120980 (100A)

**Electrode**  
120926ATTC

**Swirl Ring**  
120925



**Deflector**  
120979

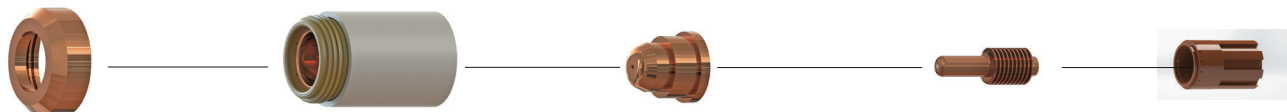
**Retaining Cap**  
220048

**Nozzle**  
220064 (100A)

**Electrode**  
220037ATTC

**Swirl Ring**  
220051

**(FINECUT)**



**Shield**  
120979

**Retaining Cap**  
120928

**Nozzle**  
220329

**Electrode**  
120926ATTC

**Swirl Ring**  
220327

**Not Shown**

- \*220325 Deflector
- 12867 Hand Torch
- \*128754 Machine Torch Body
- 120977 Gouging Nozzle
- 120978 Gouging Nozzle

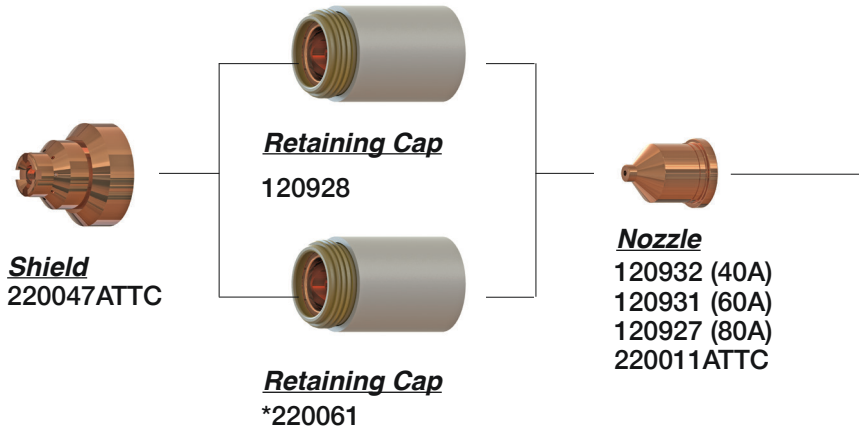
**Not Shown**

- 220063 Gouging Nozzle
- 128767 - Torch Body, Hand
- 059264 - Hand Torch & Lead 25'
- 059270 - Hand Torch & Lead 50'
- 128755 - Lead, Hand 25'

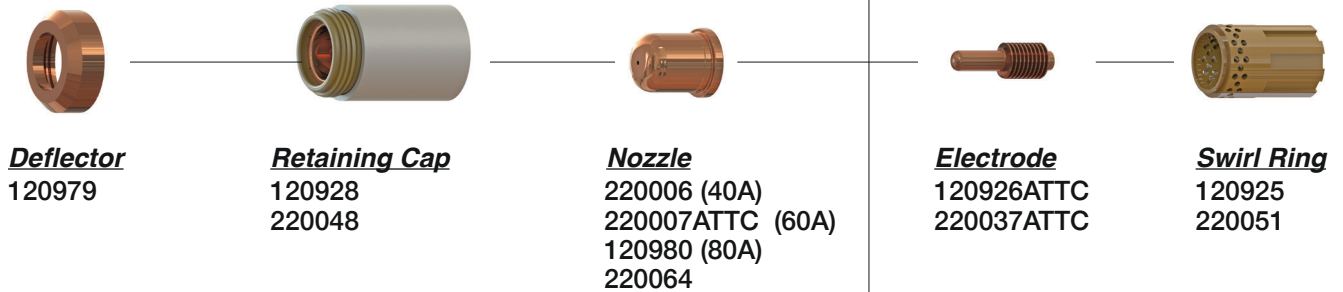
**HYPERTHERM<sup>®</sup>**

**HYPERTHERM<sup>®</sup> POWERMAX-1650**

**MACHINE TORCH  
(Shielded Parts)**



**(Non-Shielded Parts)**



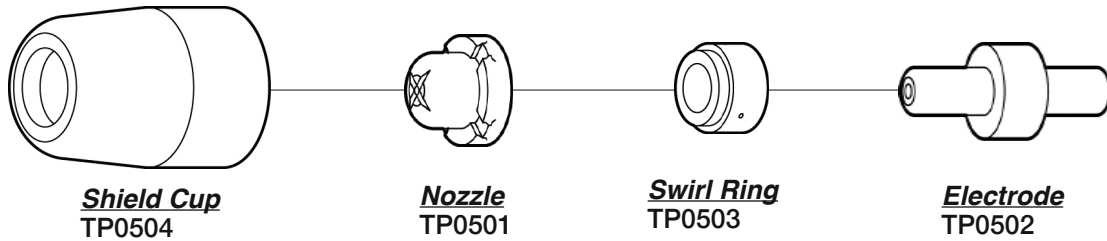
**(FINECUT)**



**Not Shown**

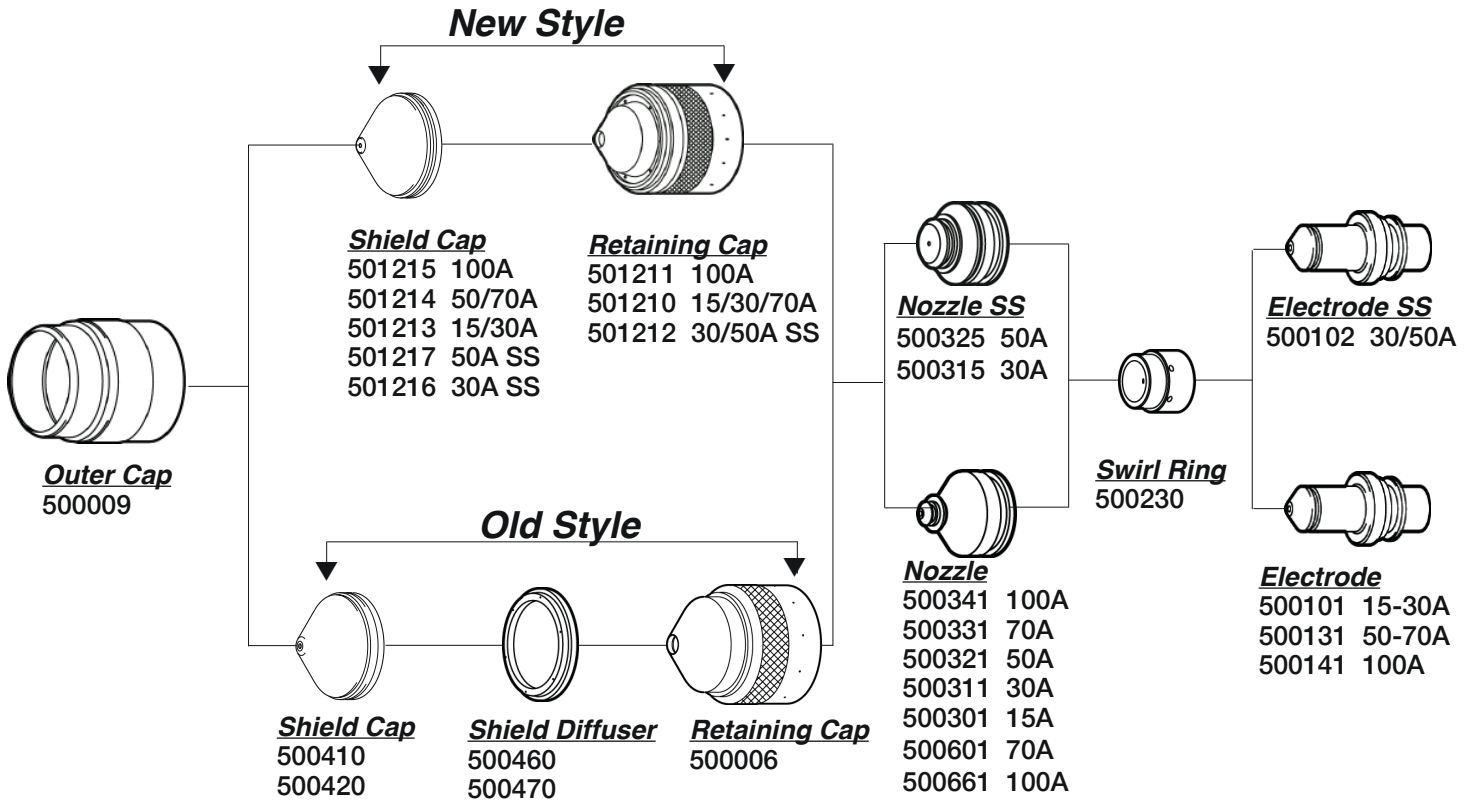
- 128754 - Torch Body, Machine
- 059265 - Machine Torch & Lead 25'
- 059268 - Machine Torch & Lead 35'
- 059272 - Machine Torch & Lead 50'
- 128643 - Mounting Sleeve

**JIANGNAN<sup>®</sup> TECH APC-50**



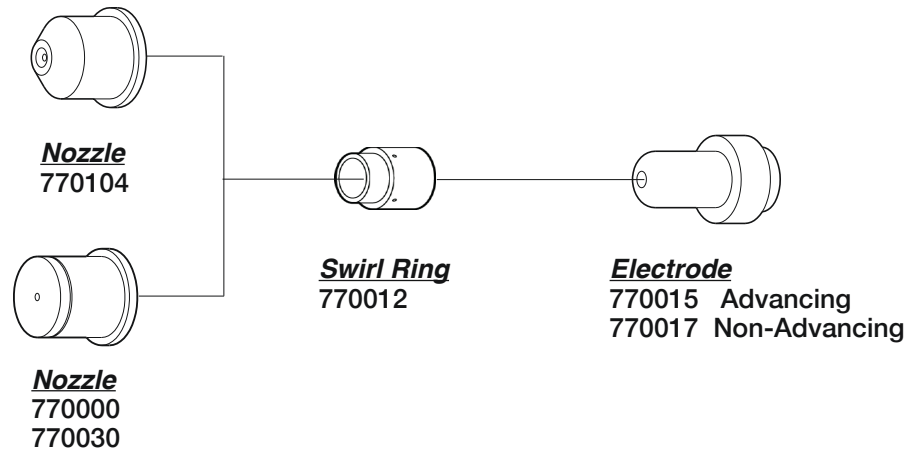
**KALIBURN<sup>®</sup> (INNER LOGIC<sup>®</sup>)**

FL-100 PC



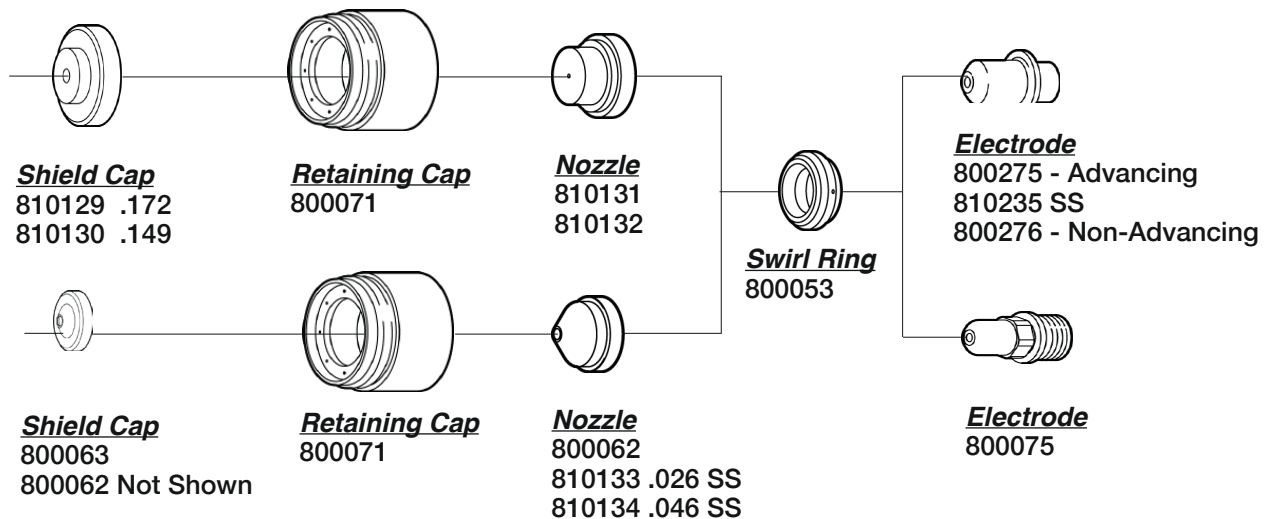
**KALIBURN® (INNER LOGIC®)**

**SR-45i**



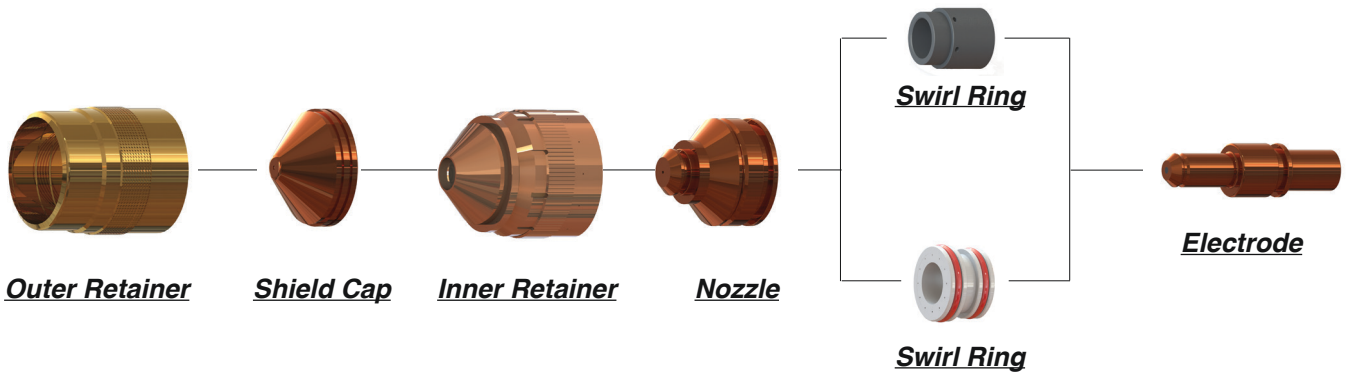
**Not Shown**  
770072 O-Ring

**SR-100i**



**KALIBURN<sup>®</sup> (INNER LOGIC<sup>®</sup>)**

**FL-200  
Mild Steel**



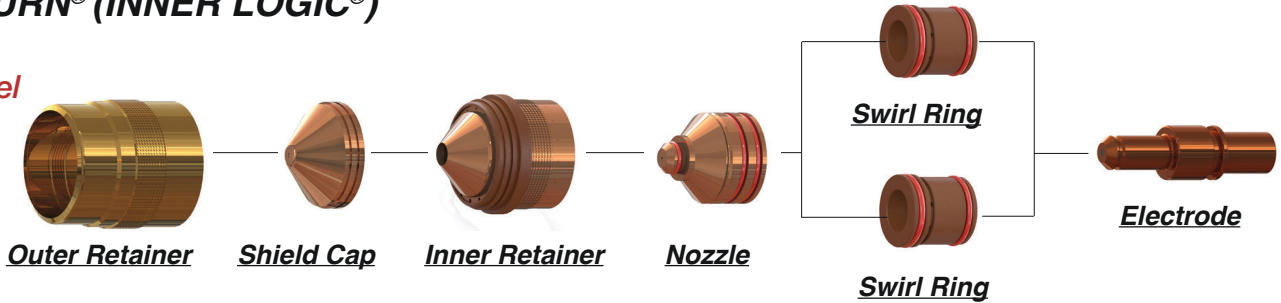
<b>Fineline<sup>®</sup> (FL 200)</b>							
<b>Mild Steel</b>							
<b>Amperage</b>	<b>Outer Cap</b>	<b>Shield Cap</b>	<b>Inner Retainer</b>	<b>Nozzle</b>	<b>Swirl Ring</b>	<b>Electrode</b>	
30 amps	200210	200230	200217	200222	200277	200213	
50 amps C		200230 / 200231	200217	200223	200277	200214	use 200231 for hot rolled
70 amps		200231	200217	200224	200277	200214	
100 amps		200232	200218	200225	200277	200215	
200 amps		200234	200218 / 200219	200227	200221	202115	use 200219 for 3/4" & greater
<b>Stainless Steel</b>							
<b>Amperage</b>	<b>Outer Cap</b>	<b>Shield Cap</b>	<b>Inner Retainer</b>	<b>Nozzle</b>	<b>Swirl Ring</b>	<b>Electrode</b>	
30 amps	200210	200233	200220	200228	200279	200238	
50 amps		200237	200220	200229	200277	200238	
70 amps		200231	200218	200240	200277	200214	
100 amps		200232	200218	200239	200277	200215	
200 amps		200234	200219	200227	200221	202115	
Marking		200230	200219	200222	200277	200290	



**CleanCut™**  
 Next-Generation Plasma Consumables  
 are available for the Kaliburn® PL2200.  
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**KALIBURN® (INNER LOGIC®)**

PL2200  
 Mild Steel



**PLASMA**

**Proline / Fineline to Spirit**

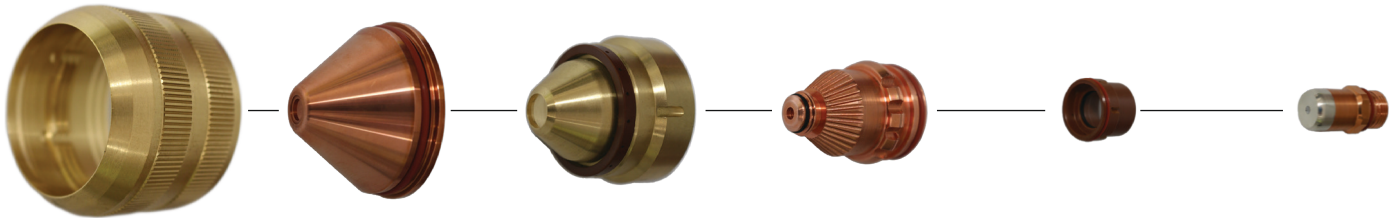
Amperage	Outer Cap	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	
		<b>O2 Plasma / Air Shield</b>			<b>Mild Steel</b>		
10 amps	277154	277145	277152	277120	277140	277190ATTC	(marking N2/N2)
30 amps		277145	277153	277120	277140	277130ATTC	(O2 / O2)
50 amps C		277115	277153	277122	277140	277131ATTC	(O2 / O2 cold rooed steel)
50 amps H		277115	277153	277122	277142	277131ATTC	(O2 / Air hot rolled steel)
70 amps		277150	277153	277125ATTC	277142	277131ATTC	
100 amps		277286	277151	277284ATTC	277283	277282ATTC	New recommended
150 amps		277117	277152	277293ATTC	277139	277292ATTC	New recommended
200 amps		277274	277266	277289ATTC	277143	277291ATTC	New recommended
275 amps		277263	277266	277269ATTC	277258	277270ATTC	"PL2260 only"
		<b>Air Plasma /N2 Shield</b>			<b>Stainless Steel</b>		
8 amps	277154	277145	277152	277120	277140	277190ATTC	(marking N2 Shield)
30 amps		277144	277110	277121	277138	277137ATTC	(air shield)
50 amps		277149	277110	277123	277142	277137ATTC	
70 amps		277150	277153	277125ATTC	277142	277131ATTC	
100 amps		277286	277151	277284ATTC	277283	277282ATTC	New recommended
200 amps		277274	277266	277289ATTC	277143	277291ATTC	New recommended
		<b>H17 Plasma / N2 Shield</b>			<b>Stainless Steel</b>		
70 amps	277154	277116	277113	277124	277140	277132ATTC	
100 amps		277146	277113	277126	277141	277133ATTC	
200 amps		277274	277266	277287	277259	277135ATTC	
260 amps		277211	277280	277118	277139	277135ATTC	"PL2260 only"
275 amps		277263	277266	277276	277258	277270ATTC	"PL2260 only"
		<b>Air Plasma /N2 Shield</b>			<b>Aluminum</b>		
30 amps	277154	277145	277153	277120	277140	277130ATTC	
50 amps		277150	277153	277122	277142	277131ATTC	
70 amps		277150	277153	277125	277142	277131ATTC	
100 amps		277286	277151	277284	277283	277282ATTC	New recommended
200 amps		277274	277266	277289	277143	277291ATTC	New recommended

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**KJELLBERG**

***Kjellberg HiFocus 80i/161i/280i/360i/440i NEO SYSTEMS***

**PLASMA**



Reference #	Article #	Description	ATTC Part #
G011Y	11.848.231.320	Electrode - Silver 20-60A	321.320ATTC
G015Y	11.848.231.350	Electrode - Silver 90 - 160A	231.350ATTC
G016Y	11.848.231.360	Electrode - Silver 200A	231.360ATTC
G092Y	11.848.401.310	Electrode - silver 280A	401.310ATTC
G034Y	11.848.421.330	Electrode - silver 360A	421.330ATTC
G121	11.848.421.145	Gas Guide - 280 - 400A	421.145ATTC
G101C	11.848.221.145C	Gas Guide - low amperage and contour cut	221.145CATTC
G101	11.848.221.145C	Gas Guide - 20 - 200A	221.145CATTC
G102	11.848.221.146	Gas Guide - 60 - 200A	221.146ATTC
G121	11.848.421.145	Gas Guide - 280A - 400A	421.145ATTC
G2006Y	11.848.221.406	Nozzle - 25A	221.406ATTC*
G2007Y	11.848.221.407	Nozzle - 35A	221.407ATTC*
G2008Y	11.848.221.408	Nozzle - 60A	221.408ATTC*
G2010Y	11.848.221.410	Nozzle - 90A	221.410ATTC*
G2012Y	11.848.221.412	Nozzle - 130A	221.412ATTC*
G2014Y	11.848.221.414	Nozzle - 160A	221.414ATTC*
G2017Y	11.848.221.417	Nozzle - 200A	221.417ATTC*
G2326Y	11.848.421.426	Nozzle - 280A	421.426ATTC*
G2330Y	11.848.421.430	Nozzle - 360A	421.430ATTC*
G2331Y	11.848.421.431	Nozzle - 400A	421.431ATTC*
G3004	11.848.201.1604	Nozzle Cap - 20 - 35A	201.1604ATTC
G3028	11.848.201.1628	Nozzle Cap - 60 - 200A	201.1628ATTC
G3249	11.848.401.1649	Nozzle Cap - 280A	401.1649ATTC
G3209	11.848.401.1619	Nozzle Cap - 360A	401.1619ATTC
G4015	11.848.201.1515	Swirl gas cap - 20A	201.1515ATTC
G4020	11.848.201.1520	Swirl gas cap - 60A	201.1520ATTC
G4025	11.848.201.1525	Swirl gas cap - 90 - 130A	201.1525ATTC
G4030	11.848.201.1530	Swirl gas cap - 90 - 200A	201.1530ATTC
G4035	11.848.201.1535	Swirl gas cap - 200A contour Cut	201.1535ATTC
G4040	11.848.201.1540	Swirl gas cap - 200A Contour Cut	201.1540ATTC
G4350	11.848.401.1550	Swirl gas cap - 280 - 360A	401.1550ATTC
G4355	11.848.401.1555	Swirl gas cap - 360A	401.1555ATTC
G502	11.852.201.081	Protection Cap 20 - 200A	201.081ATTC
G522	11.852.401.081	Protection Cap 280 -440A	401.081ATTC
G902Y	11.852.201.142	Cooling Tube 20 - 200A	201.142ATTC
G931Y	11.848.401.142	Cooling Tube 280 - 400A	401.142ATTC

\*ATTC part features a unique design that differs from the OEM design.

New for Hypertherm® HPR130®, HPR260®, HPR260XD® & HPR400XD®

**CleanCut**™

**Next-Generation Plasma Consumables**  
From American Torch Tip

**BURN LONGER.  
CUT CLEANER.**

**CleanCut**™

*Designed to Work Together*

**CleanCut™ Electrode**

**Extend Electrode Life**

- More efficient cooling
- Extended hafnium electrode life
- 25% – 50% longer production time

**Prevent Nozzle Damage**

- Cooler silver electrodes diminish nozzle damage
- Nozzles paired with silver electrodes last longer

**CleanCut™ Rocket Nozzle**

(patent pending)

**Supercharge the Plasma Arc**

- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

**CleanCut**™

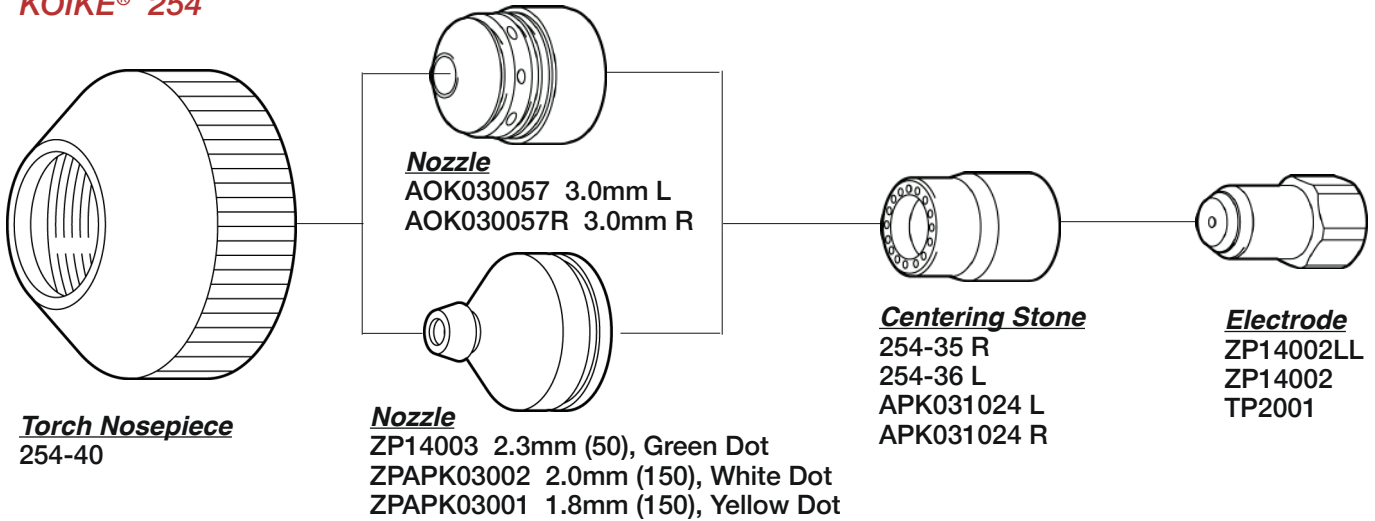
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**AMERICAN  
TORCH TIP ATTC**™

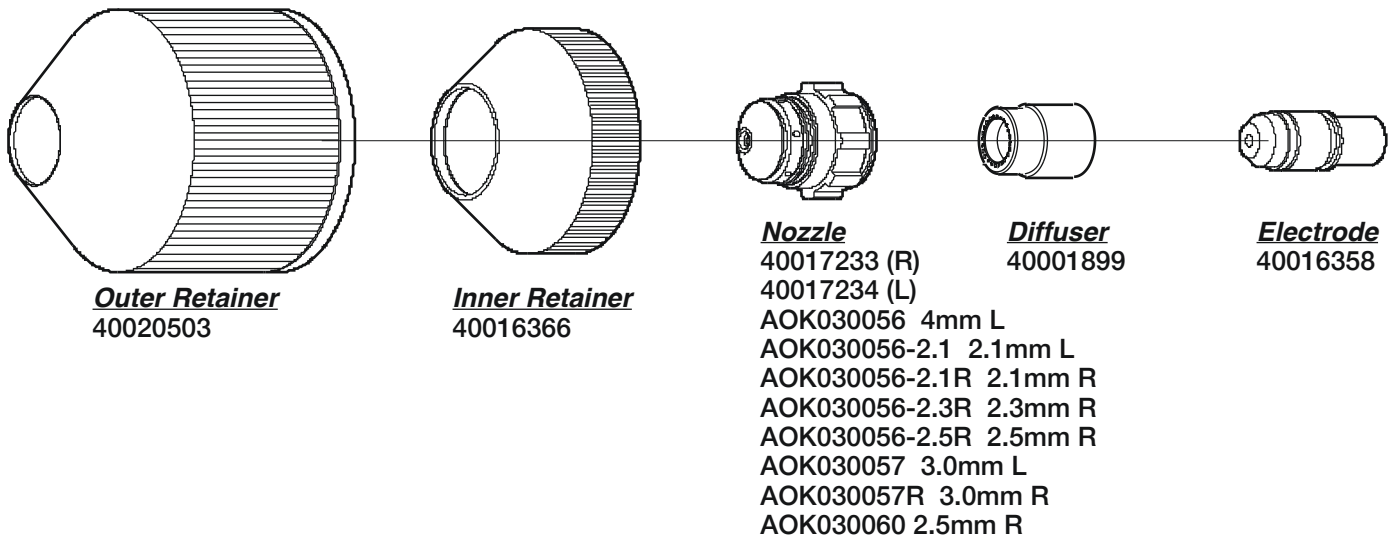
PLASMA

**KOIKE<sup>®</sup>**

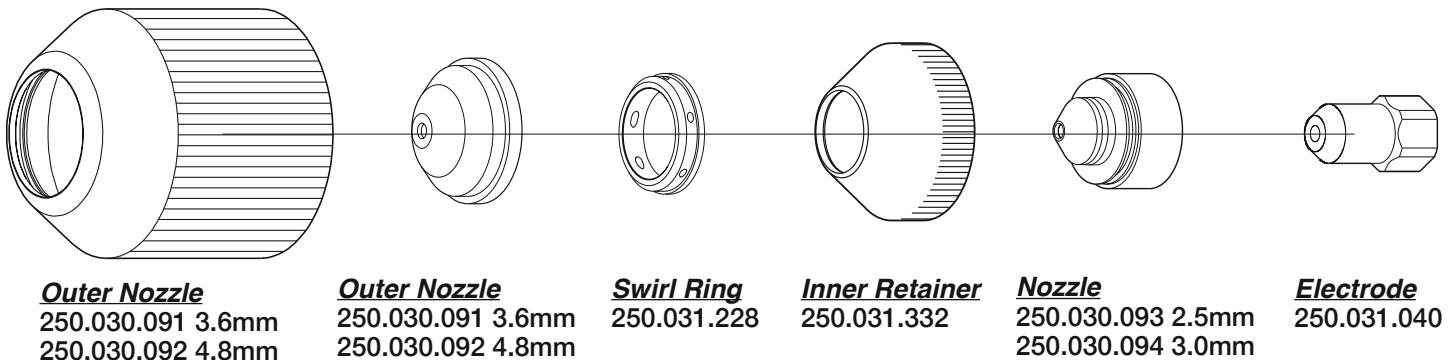
**KOIKE<sup>®</sup> 254**



**KOIKE<sup>®</sup> SUPER 400**



**KOIKE<sup>®</sup> SUPER 400 OPS - STAINLESS STEEL**



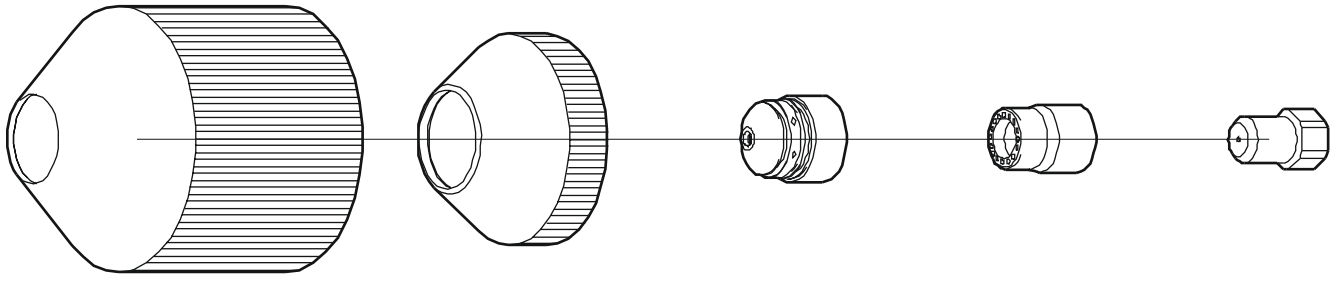
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**KOIKE®**

**KOIKE® SUPER 400 OPS - MILD STEEL**

**PLASMA**



**Outer Retainer**  
APK031360  
250.031.336

**Inner Retainer**  
APK031323  
250.031.332

**Nozzle**  
APK030061 (3.0) R  
APK030067 (2.3) R  
APK030067-L (2.3) L  
APK030068 (2.3)  
APK030062 (2.5) L  
APK030063 (3.0)  
APK030063-L (3.0) L  
APK030078 (2.3) R  
250.030.061 (3.0) 360 Amp  
250.030.068 (2.3)  
250.030.062 (2.5)

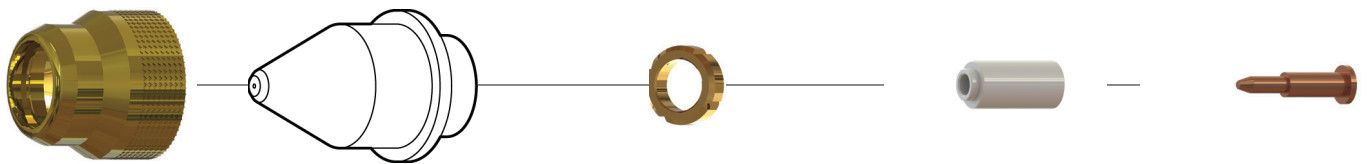
**Swirl Ring**  
APK031204  
APK031205

**Electrode**  
APK031027  
40008459 (P Type)

**KOMATSU®**

**40A HIGH DEFINITION**

**ROBOTIC TORCH**



**Cap**  
7848-605850

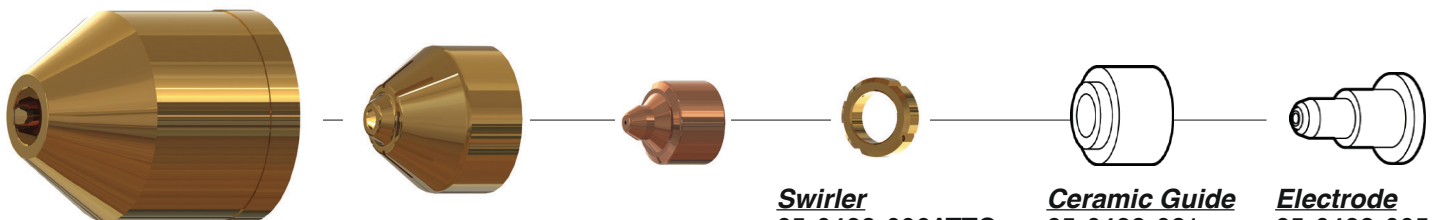
**Nozzle**  
7848-605830ATTC .6mm

**Swirler**  
65-0432-006ATTC  
65-0432-066ATTC (rev)

**Ceramic Guide**  
7848-605811

**Electrode**  
7848-605420

**REGULAR TORCH**



**Cap**  
65-0432-004 #2

**Cap**  
65-0432-001 #1

**Nozzle**  
65-0432-002 0.6mm  
65-0432-003 0.4mm  
65-0432-008 0.8mm  
65-0432-013 0.7mm  
65-0432-555 0.5mm

**Swirler**  
65-0432-006ATTC  
65-0432-066ATTC (rev)

**Ceramic Guide**  
65-0432-021

**Electrode**  
65-0432-005

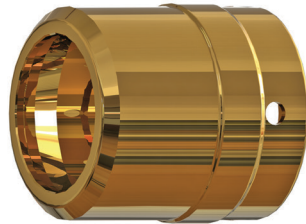
**Not Shown**  
65-0432-007 O-Ring  
65-0430-022 Torch Body



**KOMATSU<sup>®</sup>**

**KOMATSU<sup>®</sup> 40 QUICKSILVER**

**PLASMA**



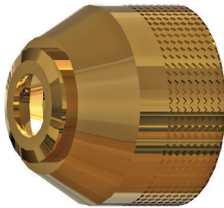
**Cap**  
65-0436-008 #2



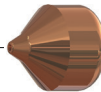
**Shield Cap**  
65-0436-007



**Spacer**  
65-0436-006



**Cap**  
65-0436-005 #1



**Nozzle**  
65-0436-004



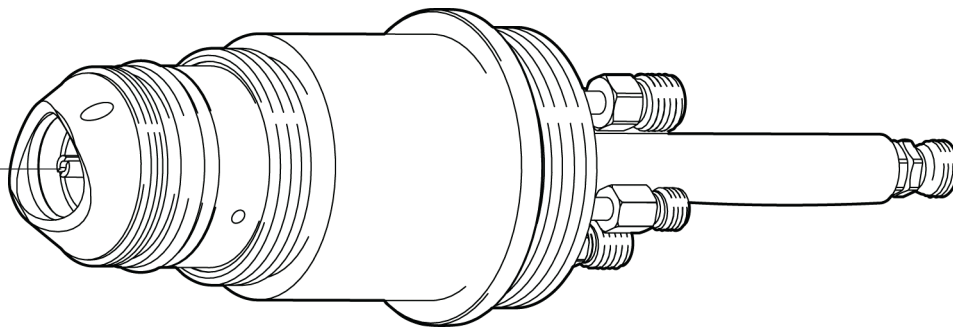
**Swirler**  
65-0436-003ATTC



**Ceramic Guide**  
65-0432-021



**Electrode**  
65-0436-002

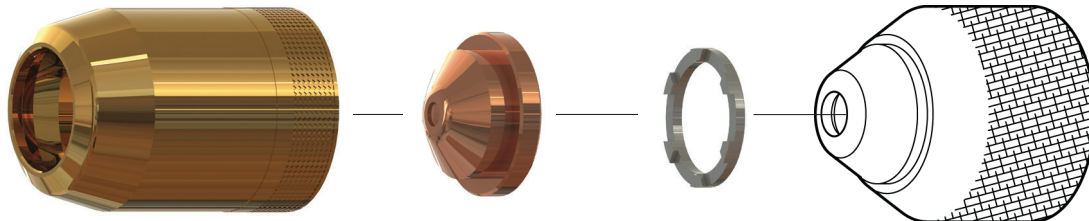


**Torch Body**  
65-0430-022

**KOMATSU®**

**KOMATSU® 90A HIGH DEFINITION**

**PLASMA**

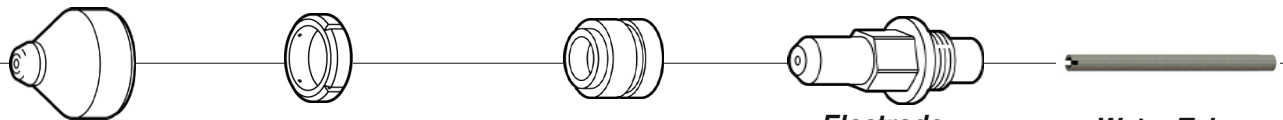


**Cap #2**  
65-0434-016

**Shield Cap**  
65-0434-019

**Spacer Ring**  
65-0434-022

**Cap #1**  
65-0434-015



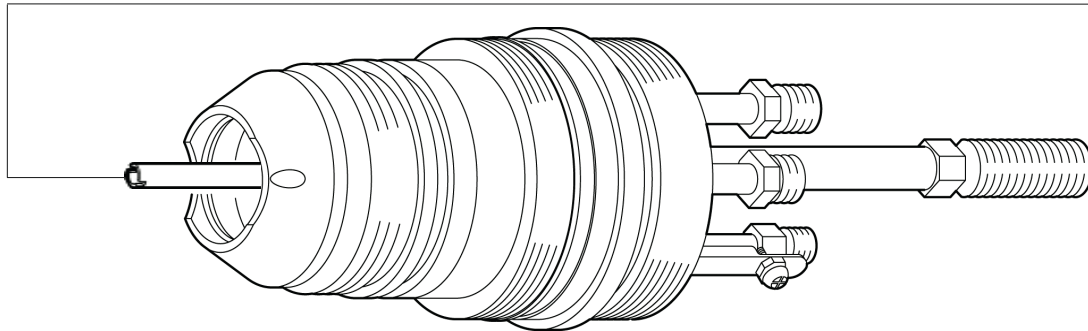
**Nozzle**  
65-0434-007 1.1mm  
65-0434-017 0.8mm

**Swirler**  
65-0434-018ATTC

**Ceramic Guide**  
65-0434-020

**Electrode**  
65-0442-001  
65-0442-001-AG  
see note at bottom of page

**Water Tube**  
65-0438-013



**Torch Body**  
65-0430-020

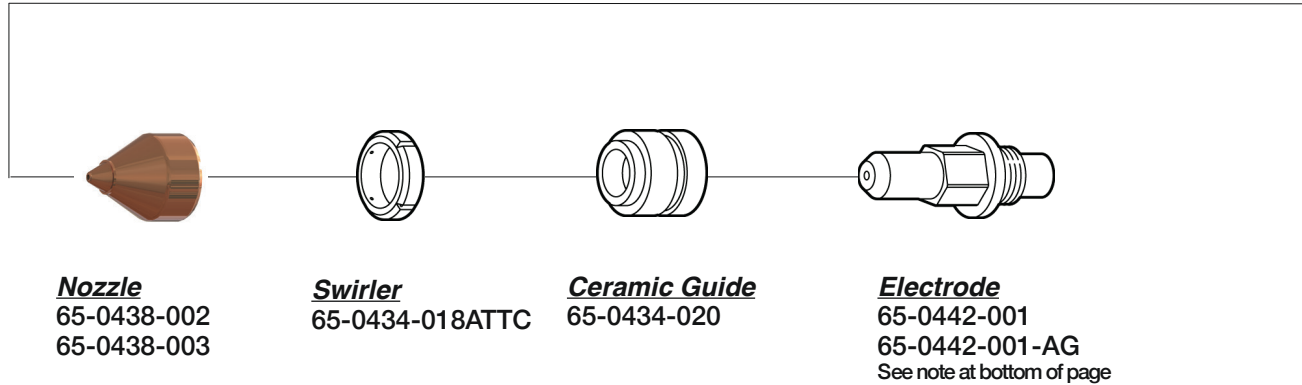
**Not Shown**  
65-0434-021 90A O-Ring Kit, Retainer  
65-0434-023 90A O-Ring Kit, Nozzle  
65-0434-012 Torch Body w/6' Lead

**NOTE**  
Electrode part 65-0434-008 is now obsolete. It is replaced with part 65-0442-001.

**KOMATSU<sup>®</sup>**

**KOMATSU<sup>®</sup> 90 QUICKSILVER**

**PLASMA**



**Not Shown**

- 65-0430-020 Torch Body 90A
- 65-0442-006 Torch Body 120A

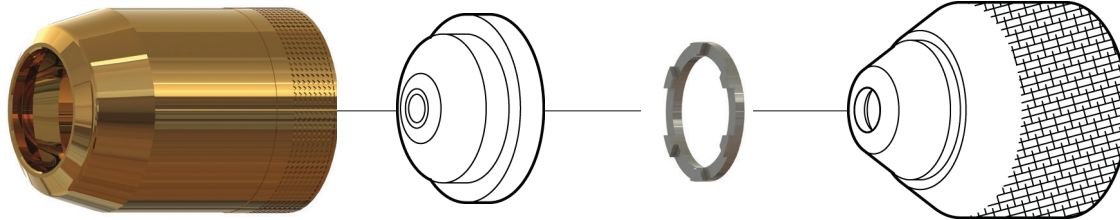
**NOTE**

Electrode part 65-0434-008 is now obsolete. It is replaced with part 65-0442-001.

**KOMATSU®**

**KOMATSU® 120A**

**PLASMA**

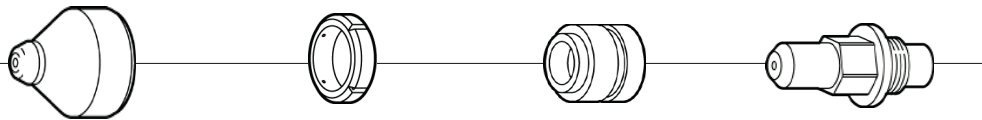


**Cap #2**  
65-0434-016

**Shield Cap**  
65-0442-005

**Spacer Ring**  
65-0442-004

**Cap #1**  
65-0434-015



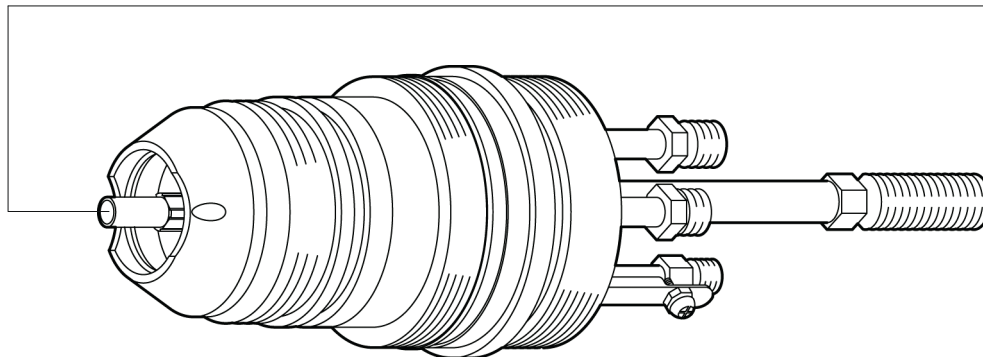
**Nozzle**  
65-0442-002 1.3mm  
65-0442-118 0.6mm

**Swirler**  
65-0442-003ATTC

**Ceramic Guide**  
65-0434-020

**Electrode**  
65-0442-001  
65-0442-001-AG

**Water Tube**  
65-0442-009



**Torch Body**  
65-0442-006

**Not Shown**  
65-0434-021 O-Ring Kit(3 sizes, 5 pc per size)  
65-0442-006 Assy- Torch W/ 6' Lead

100

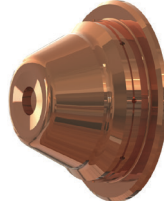
**KOMATSU<sup>®</sup>**

**KOMATSU<sup>®</sup> (TWISTER 30KW)**

**PLASMA**



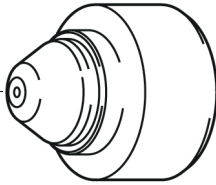
**Outer Cap**  
969-95-24470  
Or  
65-0444-019



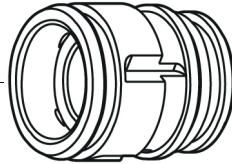
**Shield Cap**  
969-95-24750  
Or  
65-0444-020



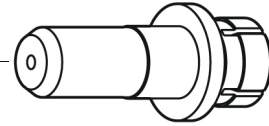
**Ring Spacer**  
969-95-24141  
Or  
65-0444-009



**Nozzle**  
969-95-24130 ATTC (1.3)  
969-95-24180 ATTC (1.1)  
969-95-24190 ATTC (0.8)  
Or  
65-0444-002 ATTC (1.3)  
65-0444-003 ATTC (1.1)  
65-0444-004 ATTC (0.8)



**Baffle Guide**  
969-95-24320  
Or  
65-0444-008



**Electrode**  
969-95-24310 ATTC  
Or  
65-0444-001 ATTC



**KOMATSU®**  
**KOMATSU® 300A**

**PLASMA**



**Shield**  
969-95-30130  
Or  
65-0439-012

**Nozzle**  
969-95-30140 (2.8mm)  
969-95-30150 (1.2mm)  
969-95-30220 (2.2mm)  
Or  
65-0439-006 (2.8)  
65-0439-007 (2.2)  
65-0439-008 (1.2)

**Swirl Ring**  
65-0439-005

**Electrode**  
969-95-30160  
Or  
65-0439-003

**LINCOLN®**  
**LINCOLN® TOMAHAWK LC 65**



**Retaining Cap**  
\*KP2844-9 (W03X0893-41A )  
\*KP2844-10 (W03X0893-43A)

**Nozzle**  
KP2844-2 (W03X0893-27A)  
KP2844-3 (W03X0893-28A)  
KP2844-4 (W03X0893-29A)

**Swirl Ring**  
KP2844-14 ((W03X0893-50R)

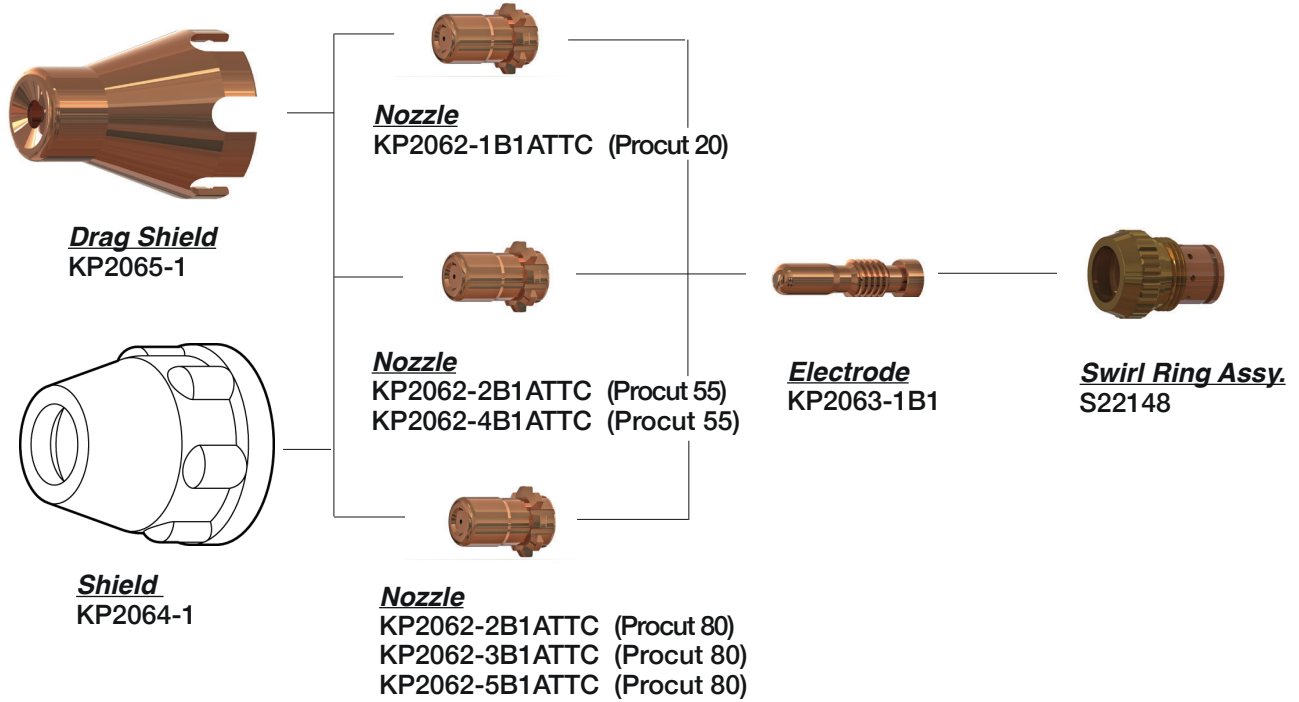
**Electrode**  
KP2844-1 ((W03X0893-25A )

Not shown:  
\*KP2843-10 (W03X0893-14R) Drag Spacer

**LINCOLN<sup>®</sup>**

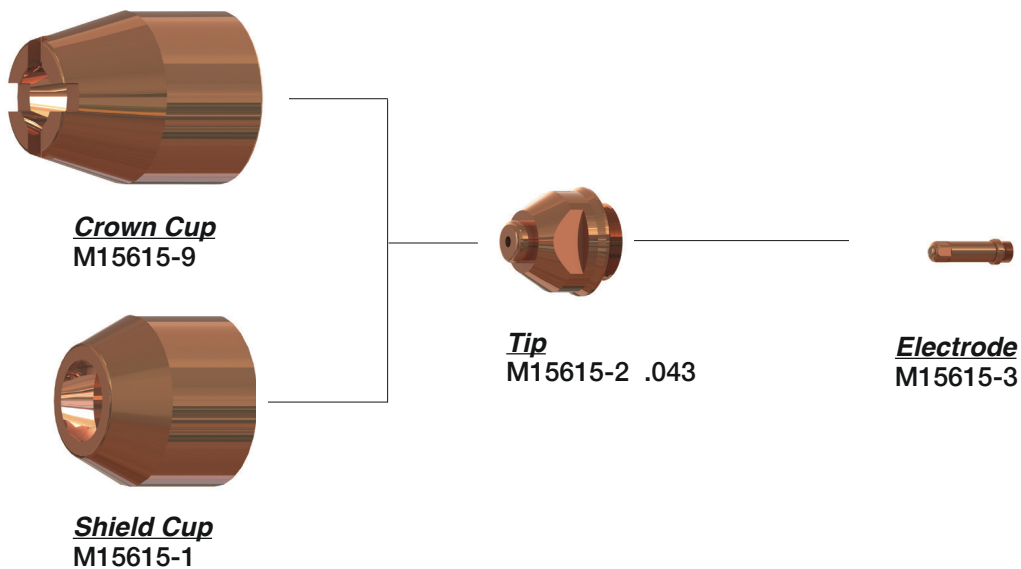
**LINCOLN<sup>®</sup> PROCUT 20, 55, 80**

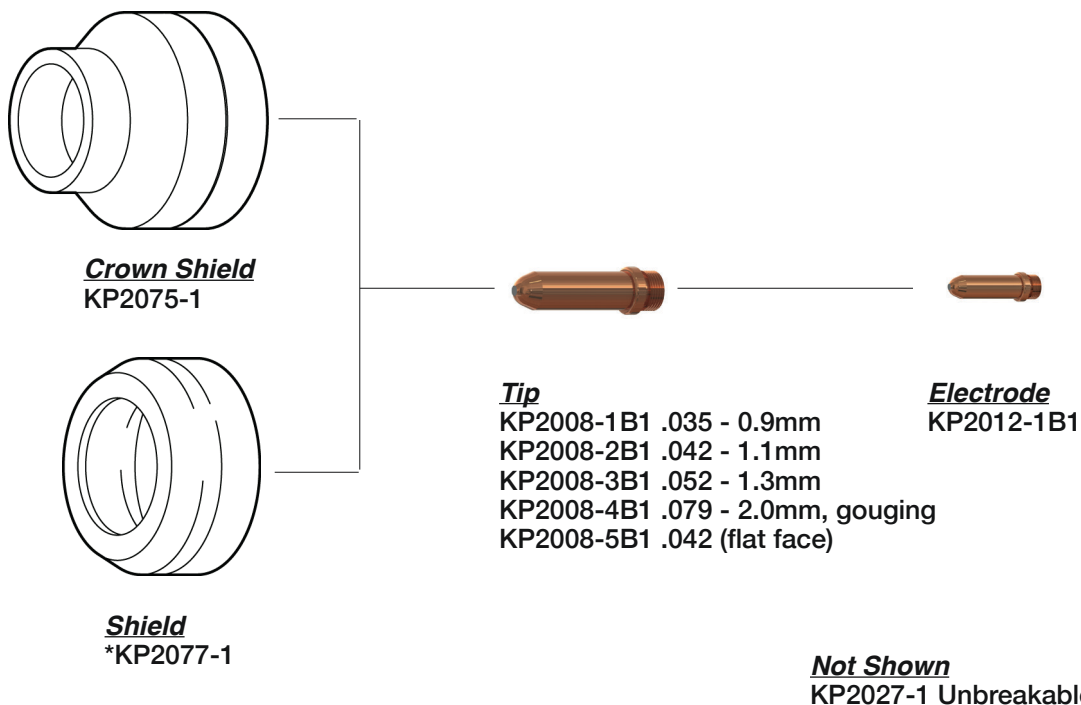
**PLASMA**



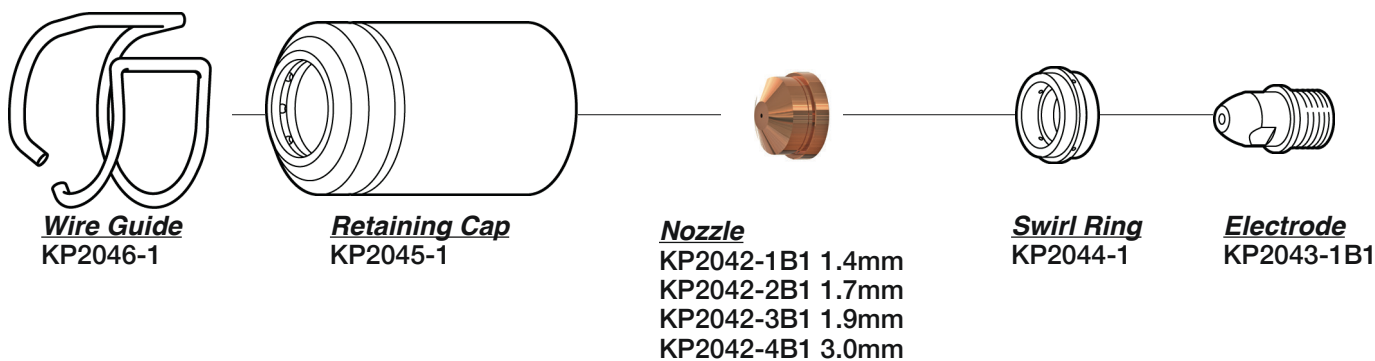
**Not Shown**  
K1571-1 Torch W/lead 25'

**LINCOLN<sup>®</sup> PROCUT 40**





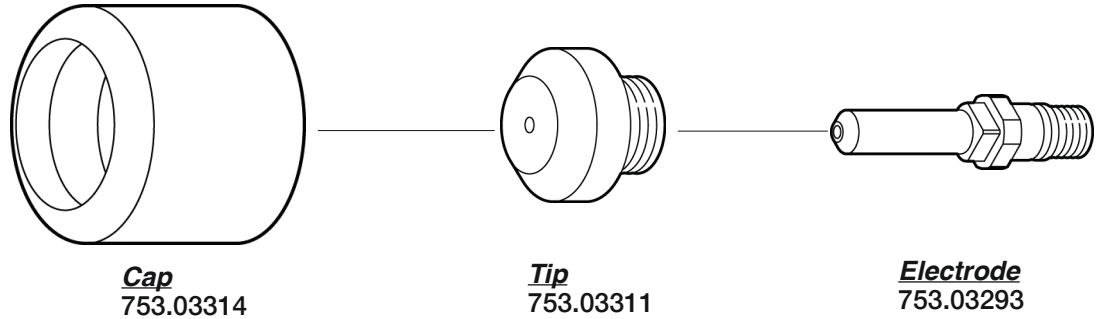
**LINCOLN® PROCUT 125**



**Not Shown**  
K880-5 Torch W/lead 25'

**MESSER/MG<sup>®</sup>/MILLER<sup>®</sup>**

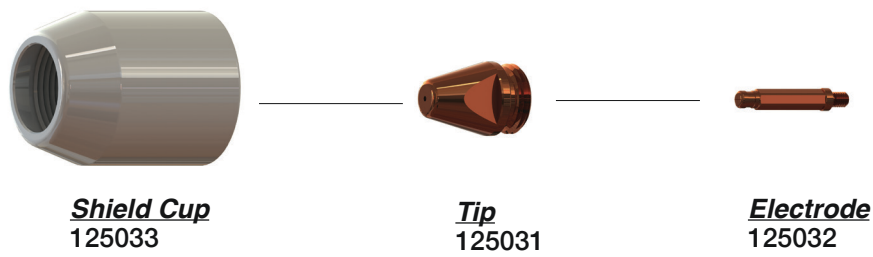
**MESSER/MG<sup>®</sup> PCH60/PCH95**



**Not Shown**

753.03753 Tip 1.0mm (PCH95)  
753.03754 Tip 1.2mm (PCH95)

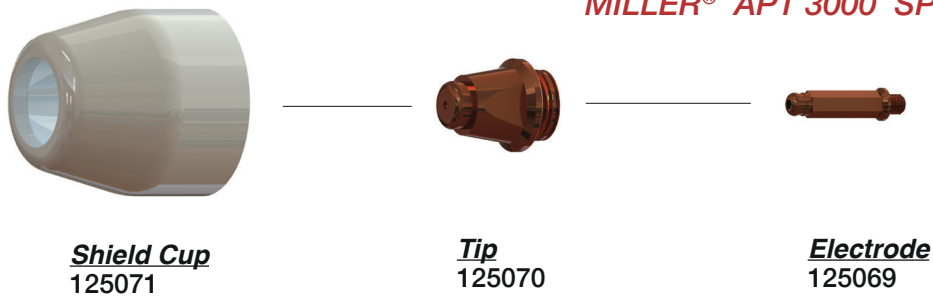
**MILLER<sup>®</sup> APT 1000**



**Not Shown**

\*131190 Torch Body w/out Handle

**MILLER<sup>®</sup> APT 3000 SPECTRUM 250D**

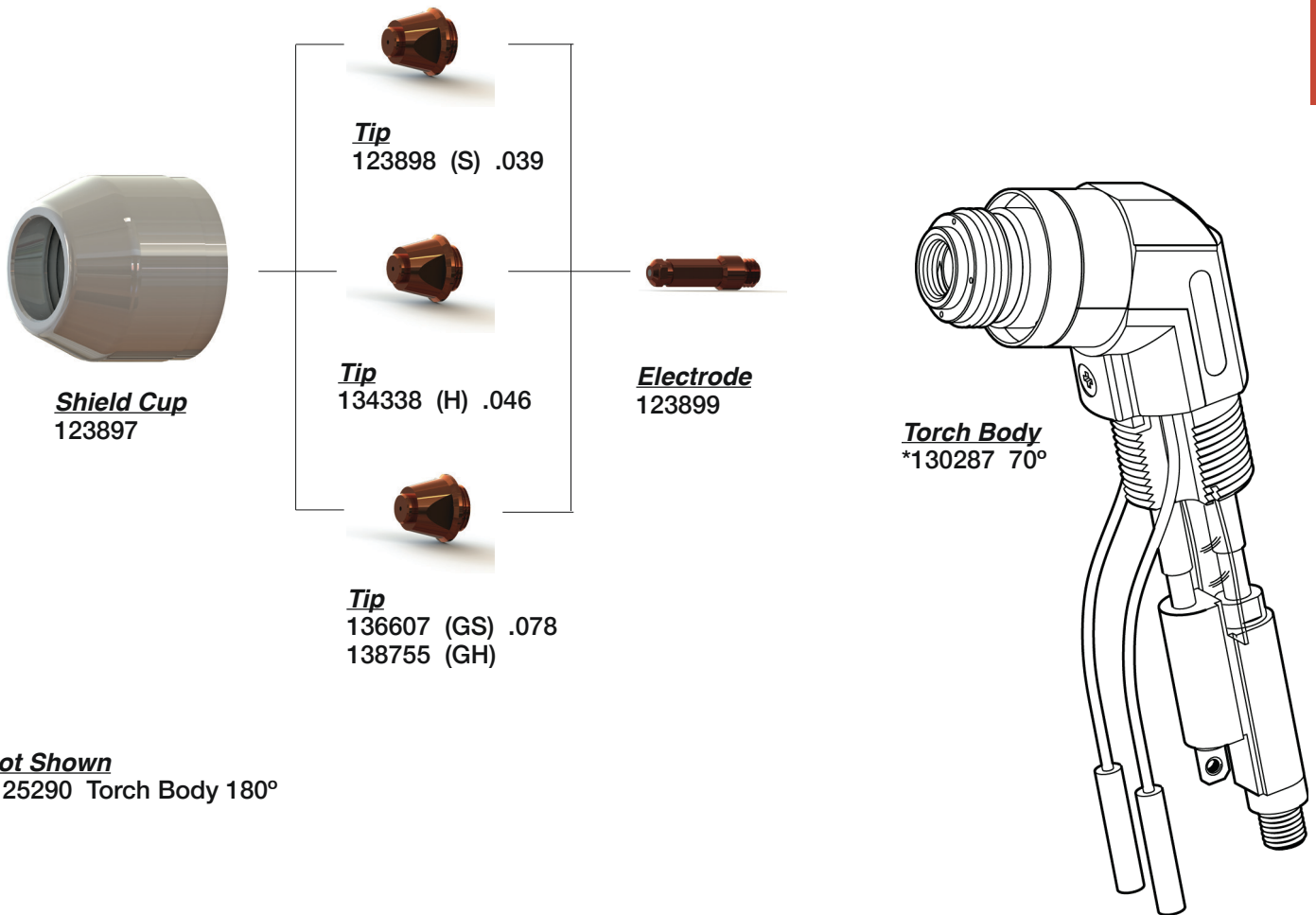


**Not Shown**

\*130286 Torch Body 70°  
\*125081 Torch Body 180°

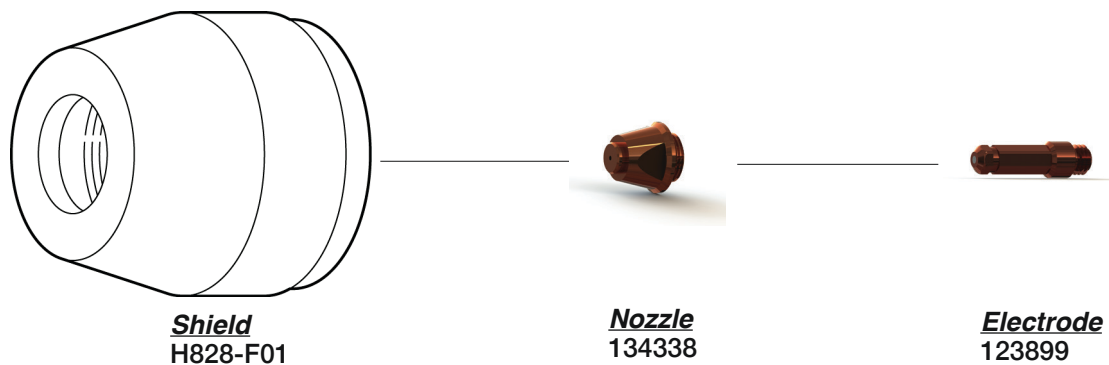
**MILLER®**

**MILLER® APT 5000 SPECTRUM 500D**



**Not Shown**  
\*125290 Torch Body 180°

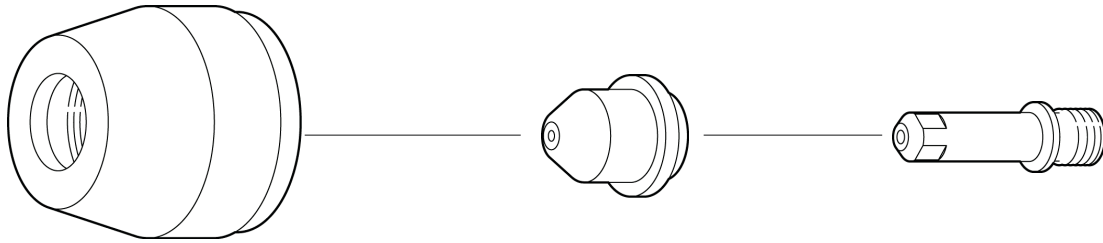
**MILLER® APT 7000**





MILLER<sup>®</sup>

MILLER<sup>®</sup> APT 8000 SPECTRUM 1500/1500D

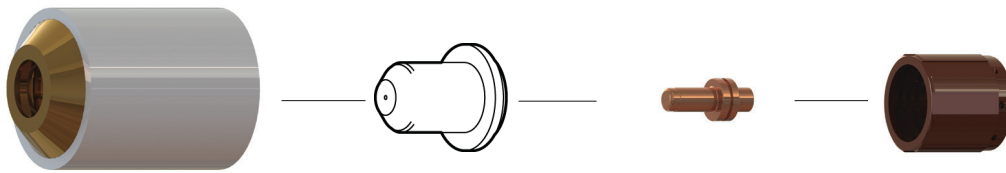


**Shield Cup**  
125040 (unbreakable)

**Nozzle**  
125038

**Electrode**  
125039

MILLER<sup>®</sup> ICE-12C



**Shield Cup**  
\*196928

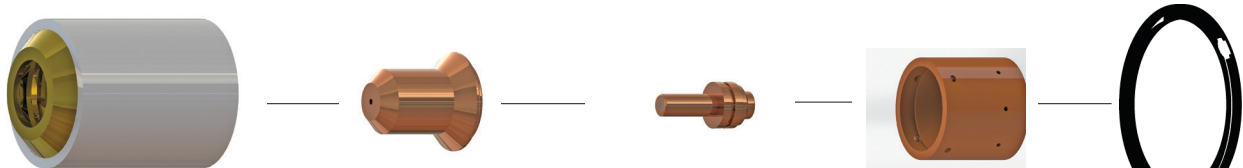
**Nozzle**  
196926

**Electrode**  
196925 12A

**Swirl Ring**  
\*196927 12A

**Not Shown**  
126778 180° Torch w/50' lead

MILLER<sup>®</sup> ICE-25C/ 27C SPECTRUM 300



**Shield Cup**  
202808

**Nozzle**  
176656 25A

**Electrode**  
176655 25A

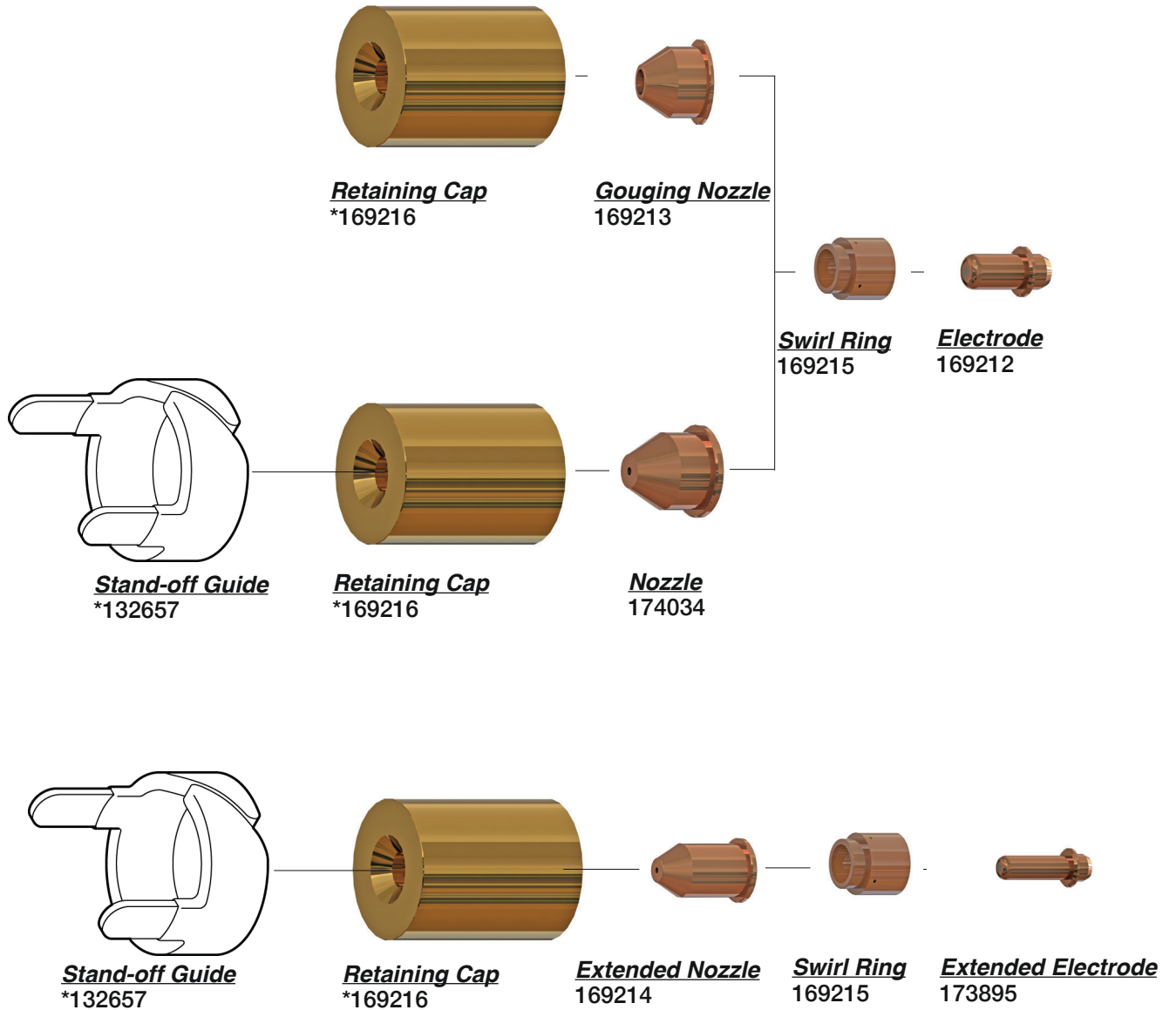
**Swirl Ring**  
202809 25A

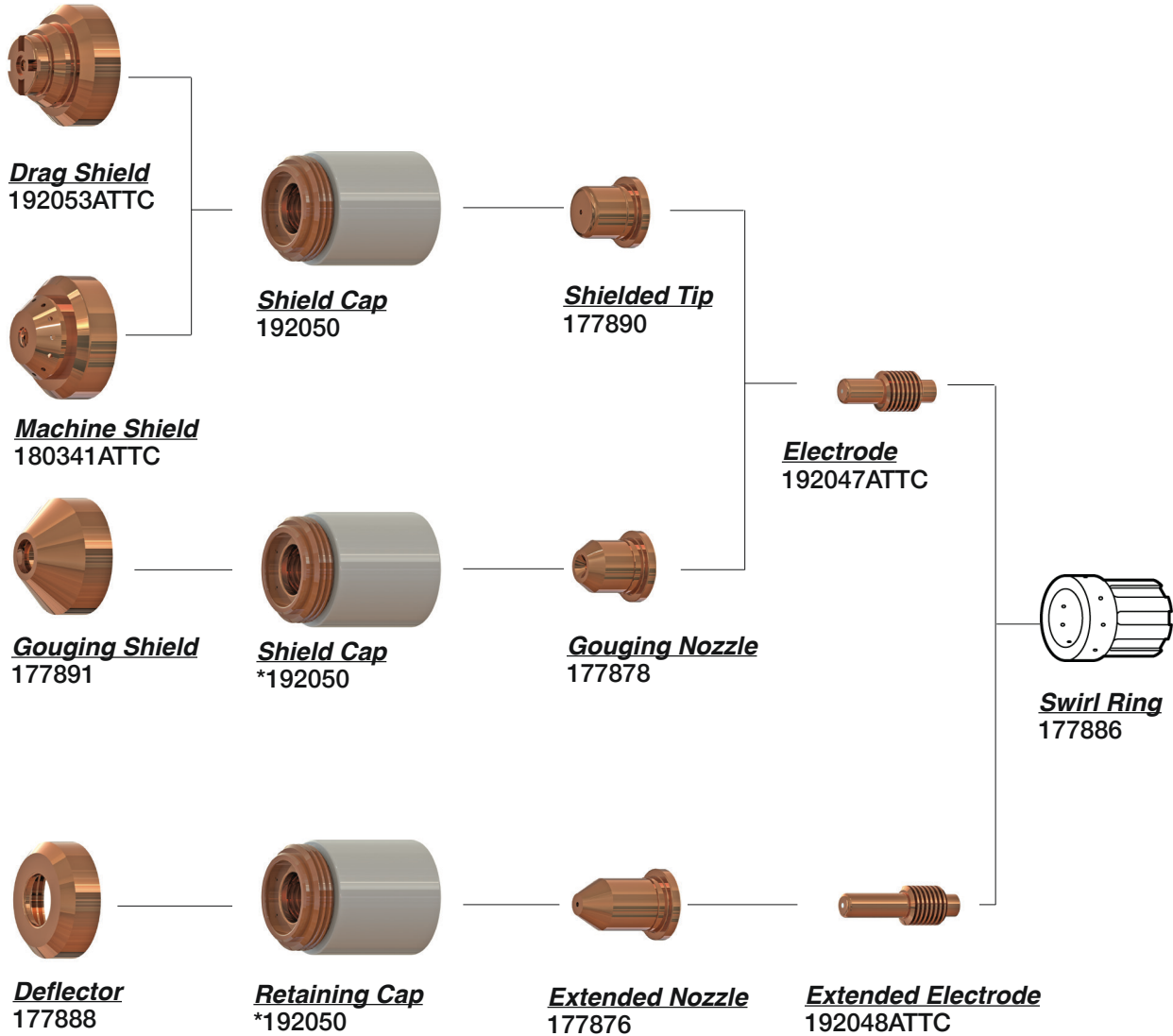
**O-Ring**  
169232

**MILLER®**

**MILLER® ICE 50**

**PLASMA**

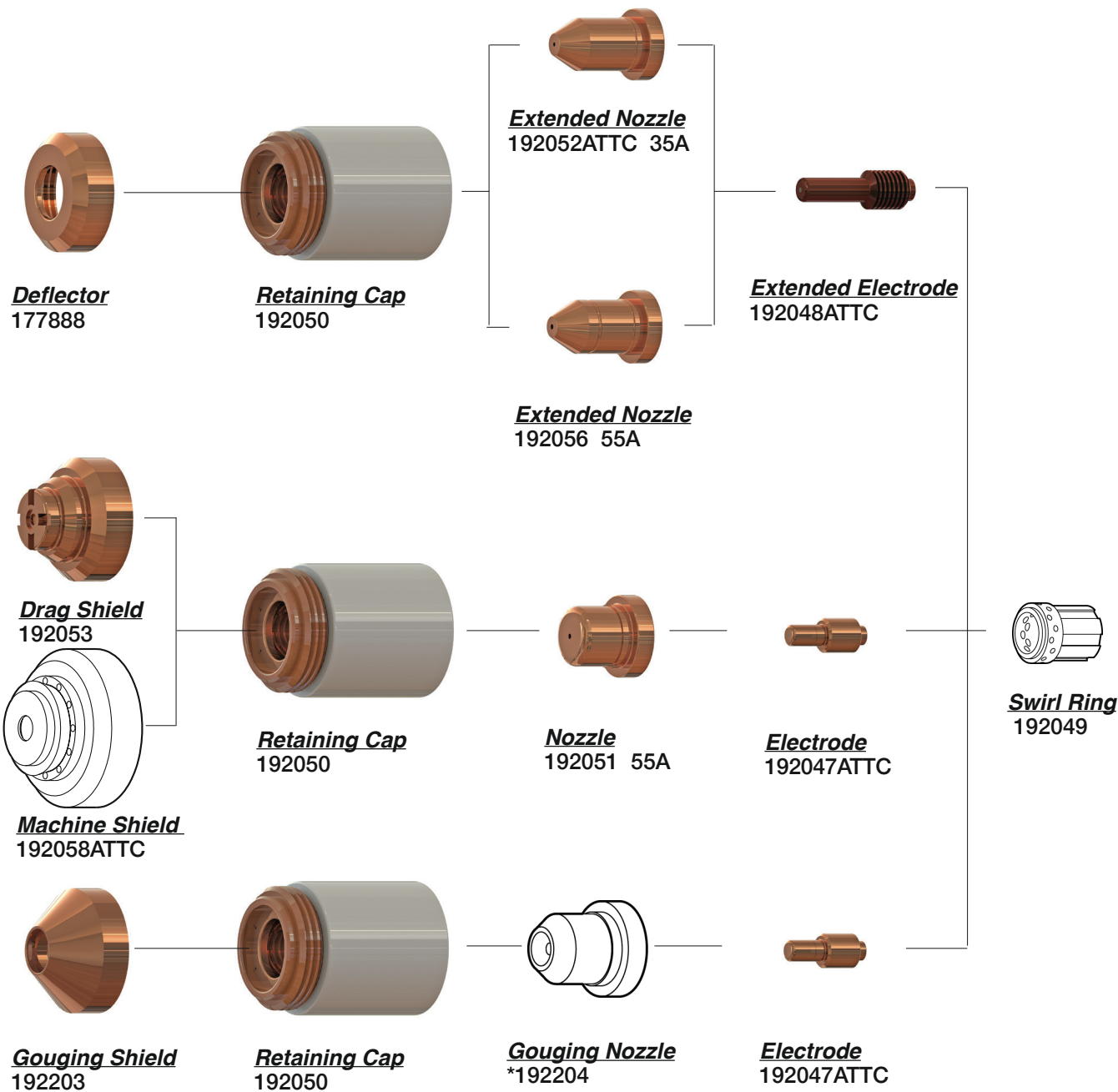




**MILLER<sup>®</sup>**

**MILLER<sup>®</sup> ICE 55C**

**PLASMA**

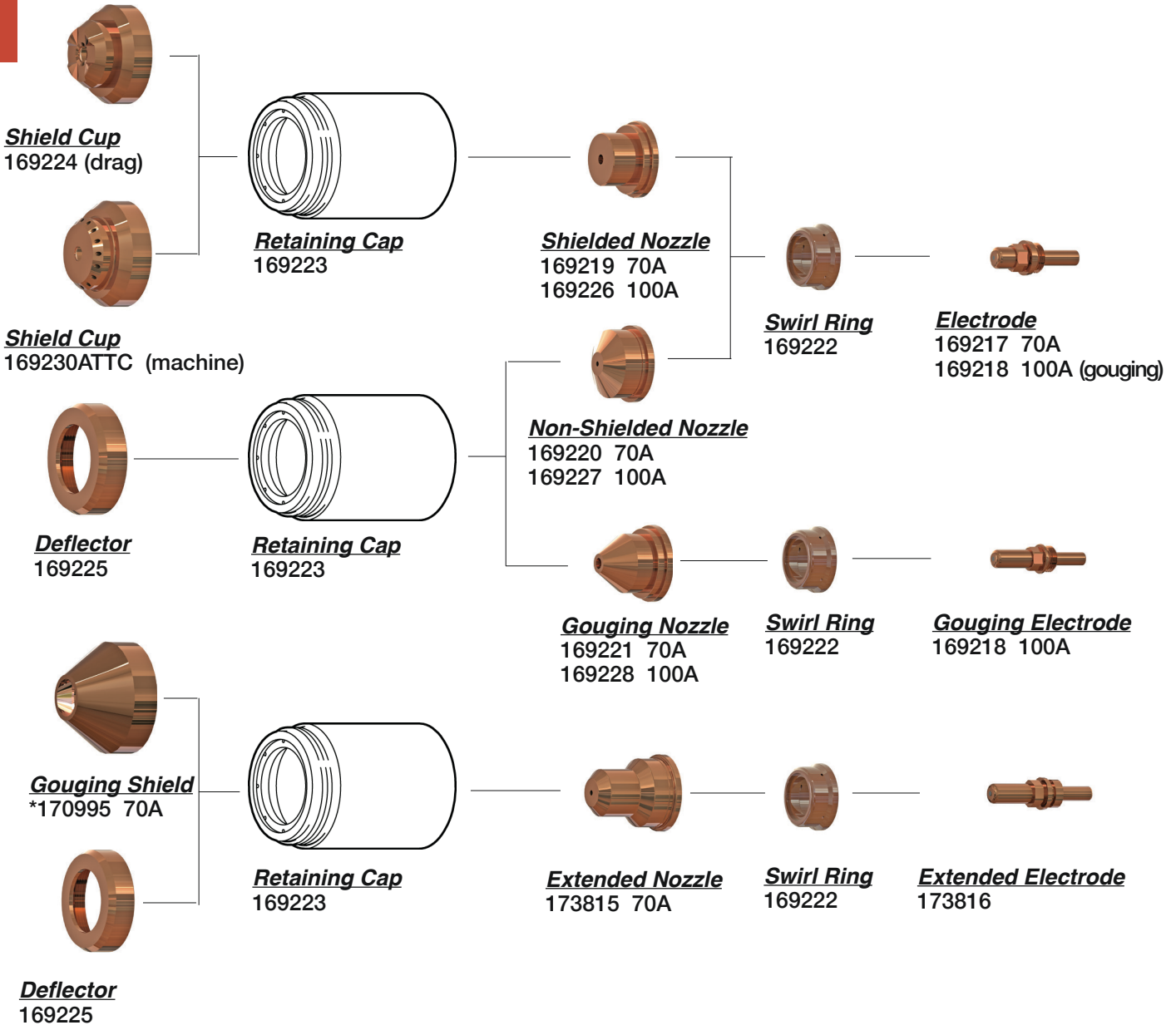


**Not Shown**

- \*192059 Torch Main Body 70°
- \*192060 Torch Main Body 180°
- \*193347 70° Torch w/25' lead

MILLER<sup>®</sup> ICE 70-SPECTRUM 1000 / ICE100-SPECTRUM 1250

PLASMA



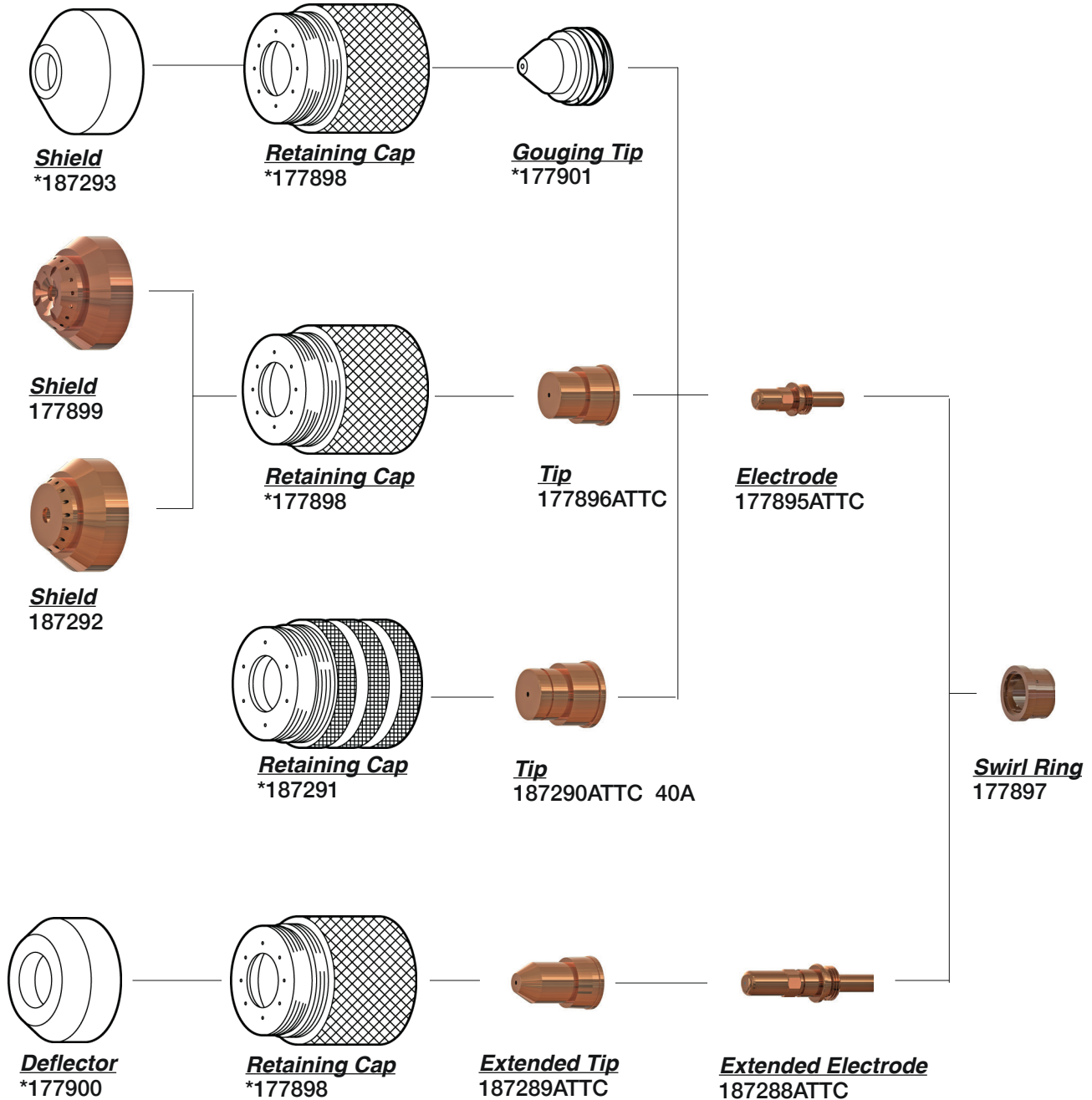
**Not Shown**

- \*171257 Torch body 75°
- \*171243 Mach Torch 30' Lead
- 171245 - Machine Torch Body 180°
- 225706 - Machine Torch & Lead 25'



**MILLER<sup>®</sup>**

**MILLER<sup>®</sup> ICE-80/80CM SPECTRUM PLUS**

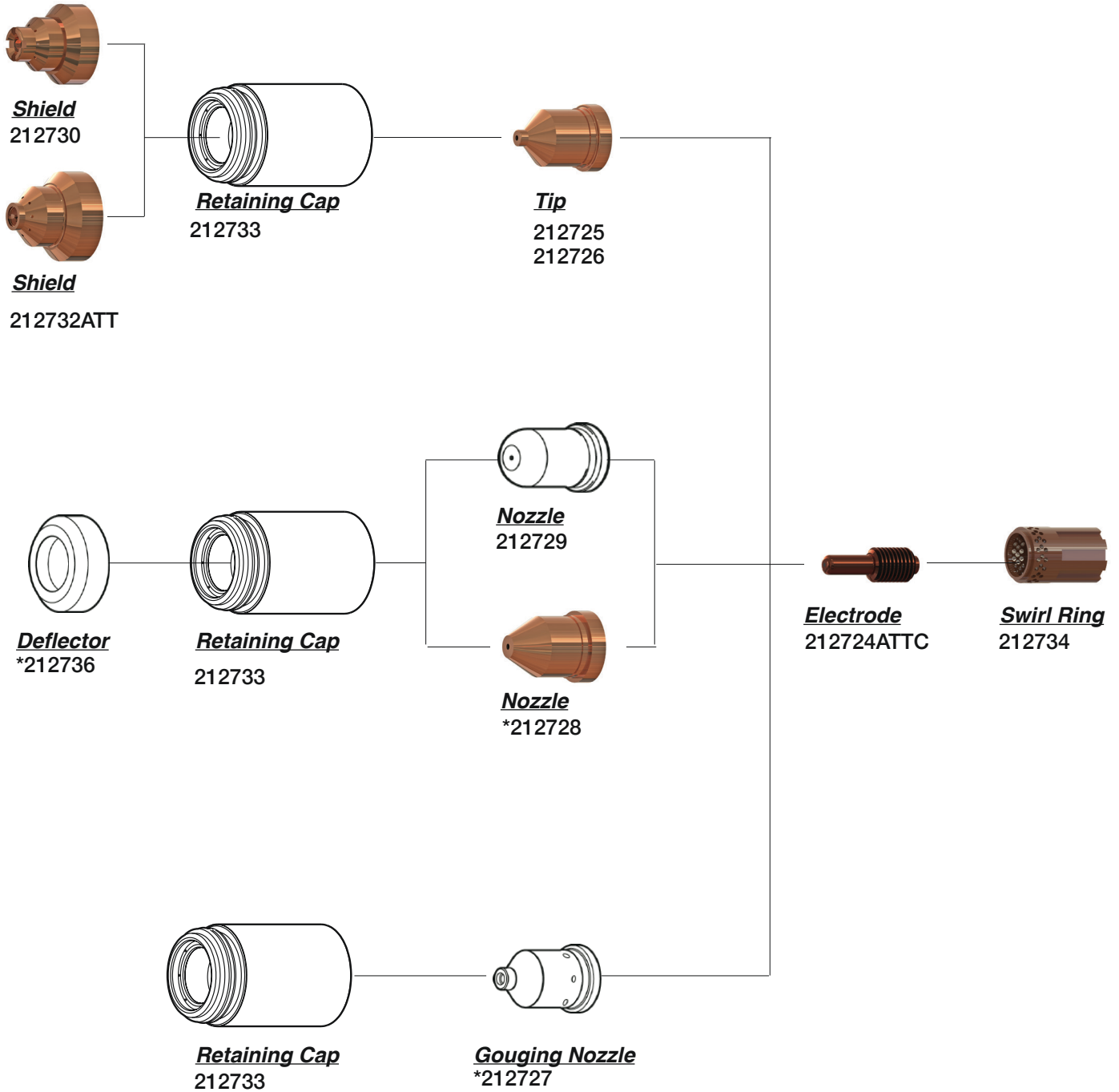


**Not Shown**

\*172384 Torch Head, 70°

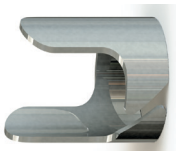
\*172385 Torch Head, 70° w/25' Leads

PLASMA

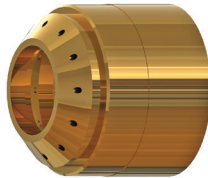


**MILLER®**

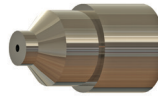
**MILLER® MC80**



**Stand-off Guide**  
\*171873



**Shield Cup**  
\*171874



**Nozzle**  
171871



**Electrode**  
171870

**Not Shown**

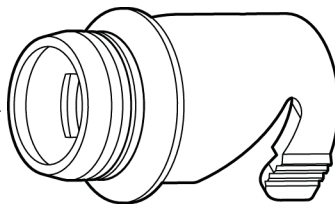
\*172385 Hand Torch w/Kit

\*175833 Machine Torch w/Kit

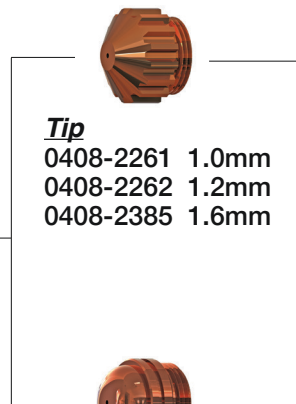
**PLAZCUT® (NERTAJET)**



**Guide Wire**  
095485



**Drill Plate**  
095484



**Tip**  
0408-2261 1.0mm  
0408-2262 1.2mm  
0408-2385 1.6mm



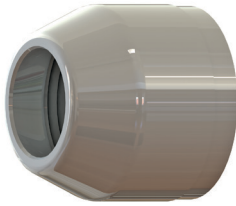
**Electrode**  
095482  
0408-2404



**Tip**  
095483

**MULTI QUIP<sup>®</sup>**

**MULTI QUIP<sup>®</sup> PCX50SS**



***Shield Cup***  
24074

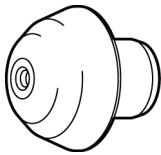


***Tip***  
24084 (S)

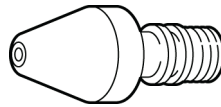


***Electrode***  
24072

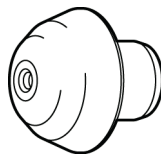
**NIPPON STEEL<sup>®</sup>**



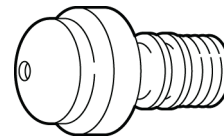
***Tip***  
50305-01-1 2H  
50305-01-1 2H 2.6mm  
50305-01-1 2H 3.0mm  
50305-01-1 2H 3.2mm  
50305-01-1 2H 4.0mm  
50305-01-1 2H 4.8mm



***Tip***  
M05-01-1 1.6mm



***Tip***  
50305-01-1 1.5mm  
50305-01-1 2.0mm  
50305-01-1 2.4mm  
50305-01-1 2.6mm  
50305-01-1 3.0mm  
50305-01-1 3.2mm  
50305-01-1 4.8mm

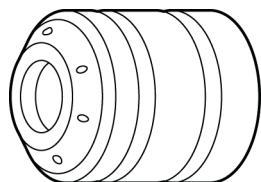


***Tip***  
M07-01-1 2.4mm  
M07-01-1 3.2mm

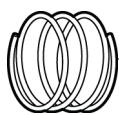
**NU-TECSYS®**

**NU-TECSYS® NPT-3, 3R & 3S**

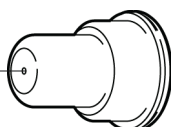
**NEW STYLE**



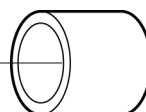
**Retaining Cap**  
807.1053



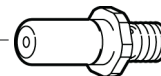
**Spring**  
807.0054



**Nozzle**  
807.0052 1.1mm  
707.0052 1.0mm

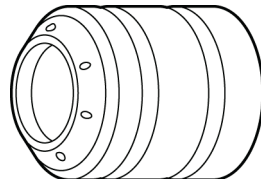


**Insulator Sleeve**  
807.1055

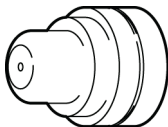


**Electrode**  
807.0051 (30&31)  
707.0051 (30)

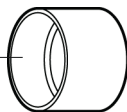
**OLD STYLE**



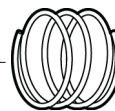
**Retaining Cap**  
807.9053



**Nozzle**  
707.1052 1.2mm



**Insulator Sleeve**  
807.0055



**Spring**  
707.0054

**NOTE:**

PCA30-2 Uses "old style" push down.  
\*PCA30 PS Uses "new Style" pilot arc.

**Not Shown**

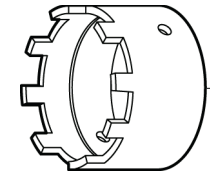
707.1052-SPECIAL Nozzle w/step



PLASMA

**NU-TECSYS<sup>®</sup>**

**NU-TECSYS<sup>®</sup> NPT-4, 5 & 6**



**Stand-off Guide**  
710.0025 (8 leg)



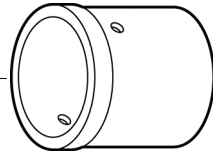
**Stand-off Guide**  
710.0125 (2 leg)



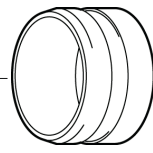
**Spacer Spring**  
710.0027



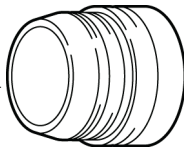
**Stand-off Guide**  
710.0125 (2 leg)



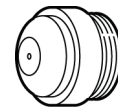
**Stand-off Sleeve**  
710.0024



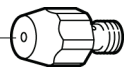
**Stand-off Spacer**  
710.0023



**Spring Support**  
710.0026

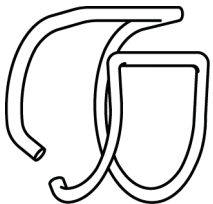


- Nozzle**
- 710.0015 30/40A 1.0mm
  - 710.0016 60A 1.3mm
  - 710.0017 110A 1.5mm
  - 710.0018 120A 1.8mm
  - 710.0019 1.0mm (30°)
  - 710.0021 1.5mm (30°)
  - 710.0022 1.8mm (30°)

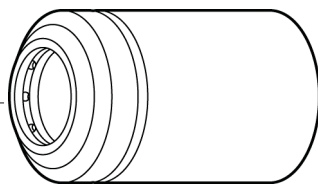


**Electrode**  
710.0013

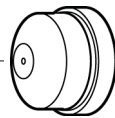
**NU-TECSYS<sup>®</sup> NPT-12**



**Stand-off Guide**  
810.0027



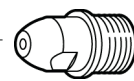
**Retaining Cap**  
810.0052  
810.0152 (gouging)



- Nozzle**
- 810.0011 30/60A 1.1mm
  - 810.0014 50/75A 1.4mm
  - 810.0017 70/120A 1.7mm
  - 810.0019 150A 1.9mm
  - 810.0030 3.0mm (gouging)



**Swirl Ring**  
810.0050



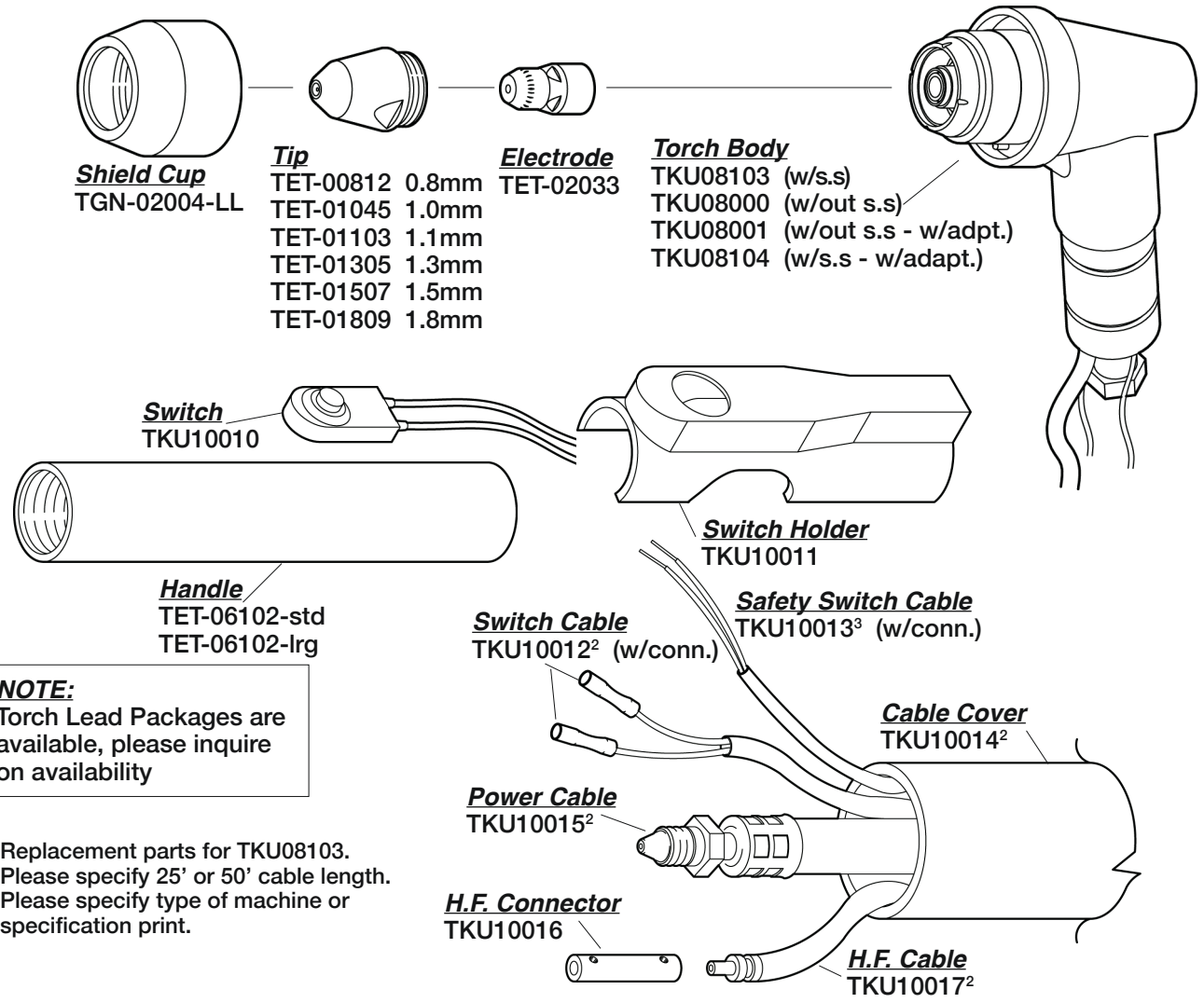
**Electrode**  
810.0013 Air

**Not Shown**  
810.0225 Guide w/double Feet

**PANASONIC®**

**PANASONIC® TKU08103**

**PLASMA**



**NOTE:**  
Torch Lead Packages are available, please inquire on availability

- 1 Replacement parts for TKU08103.
- 2 Please specify 25' or 50' cable length.
- 3 Please specify type of machine or specification print.

TKU/Panasonic Cutting Table						
Amps	Standoff for Cutting	Gas Plasma/Shield	Plate Thickness		Cut Speed - Mild/ss	
			In.	mm	In.Min	mm/Min
100	1/8	Air/Air	1/16	1.6	350	8900
			1/8	3.0	200	5000
			1/4	6.0	100	2540
			3/8	9.5	65	1651
			1/2	12.5	50	1270
			3/4	19.0	25	635
			1	25.0	10	254

- Not Shown**
- TKU10007<sup>1</sup> Safety Switch
  - TKU10019<sup>3</sup> Cable End Adaptor Kit
  - TKU10025 Cable Assy. 25'
  - TKU10050 Cable Assy. 50'
  - TKU-06102-S Spacer
  - TGN-0011 Crown Cup

**NOTE:** For the material you are cutting, set initial torch height (before piercing) to approximately twice the Stand-off Distance. 1 scfh = 28.316 liter/hour, 1 psi = .0689 bar = 6.895 Kpa. This information represents our best judgement but American Torch Tip assumes no liability for its use.

**PANASONIC<sup>®</sup>**  
**PANASONIC<sup>®</sup> 35A**



**Nozzle**  
TET-01035 1.0mm

**Electrode**  
TET-02035

**P-TRON<sup>®</sup> PZ-8**

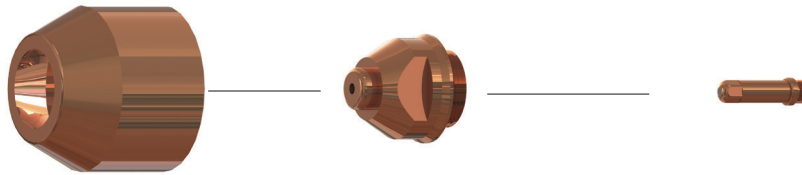


**Nozzle**  
23-6302 .040

**Gas Distributor**  
8-3233

**Electrode**  
23-6301

**P-TRON<sup>®</sup> PZ-75**



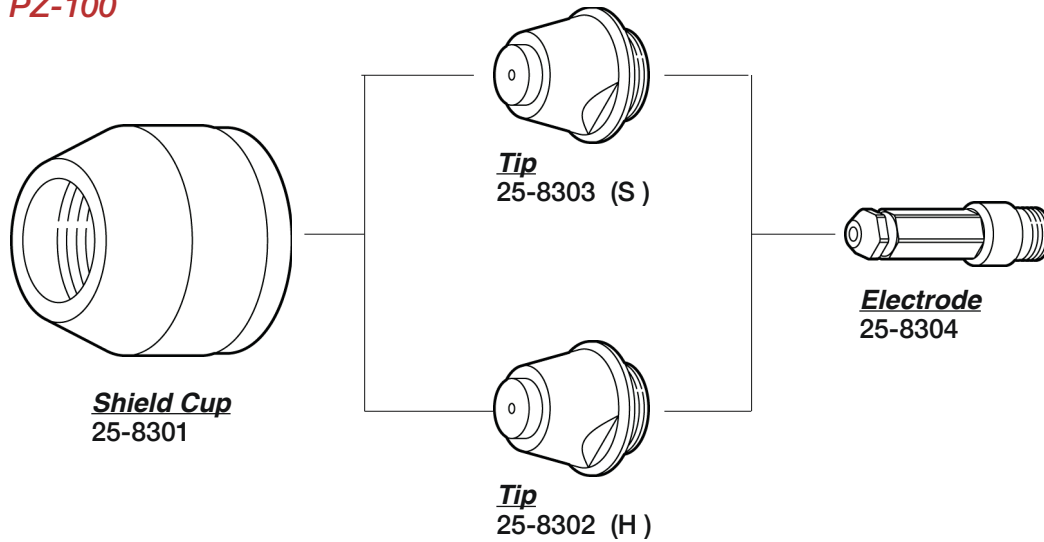
**Shield Cup**  
24-7301

**Tip**  
24-7302

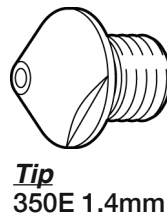
**Electrode**  
24-7304

**P-TRON®**

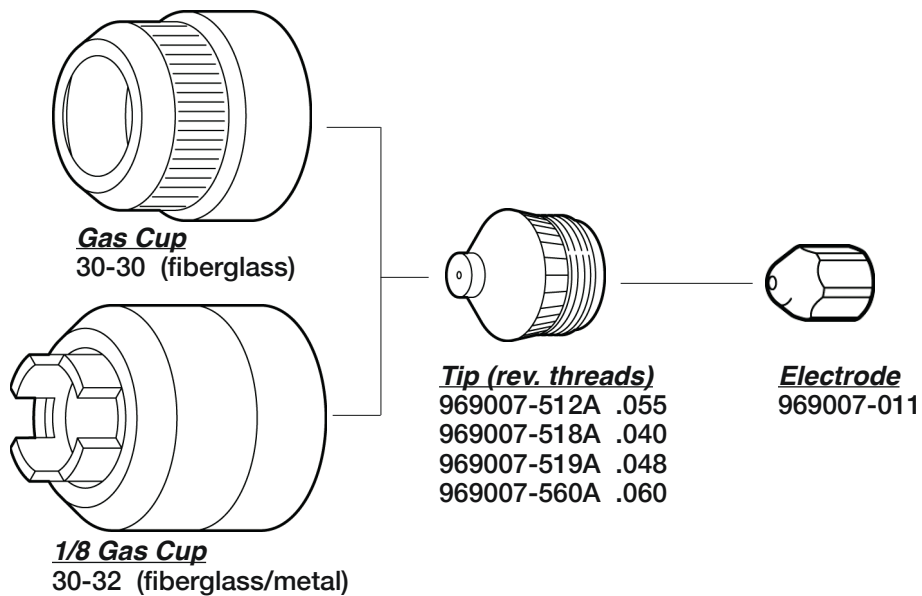
**P-TRON® PZ-100**



**PMW®**

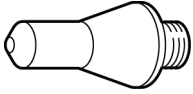


**POW-CON® PT 80**

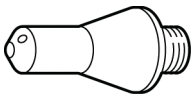


**SACHERON<sup>®</sup>**

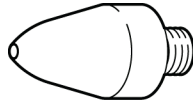
**SACHERON<sup>®</sup>**



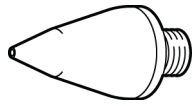
**Nozzle**  
9000-943058 .047 1.2mm



**Nozzle**  
9000-941 .047 1.2mm 45°  
9000-930 .030 0.8mm 45°



**Nozzle**  
9000-943109 .071 1.8mm  
9000-943108 .059 1.5mm



**Nozzle**  
9000-943105 .030 0.8mm  
9000-943107 .040 1.0mm  
9000-943107-1.2 .047 1.2mm

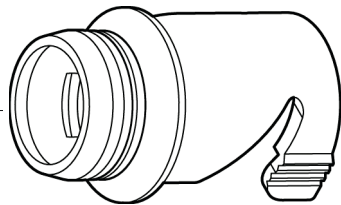


**Electrode**  
9000-8142-C

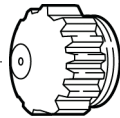
**SAF<sup>®</sup>**



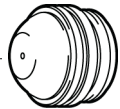
**Guide Wire**  
0408-2053



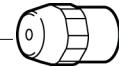
**Drill Plate**  
0408-2054



**Tip**  
0408-2261 1.0mm  
0408-2262 1.2mm  
0408-2385 1.6mm



**Tip**  
0408-2052 20/40



**Electrode**  
0408-2404

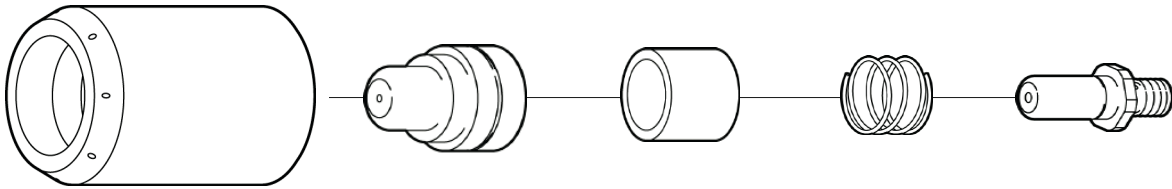
**Not Shown**  
0409-2184 O-Ring



SIP<sup>®</sup>

SIP<sup>®</sup>

PLASMA



**Retaining Cap**  
06997

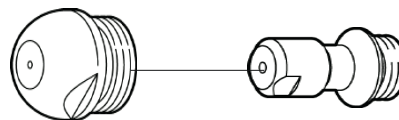
**Nozzle**  
06996 1.0mm

**Insulator Sleeve**  
06988

**Spring**  
069989

**Electrode**  
06987

SMITH MERKLE<sup>®</sup>



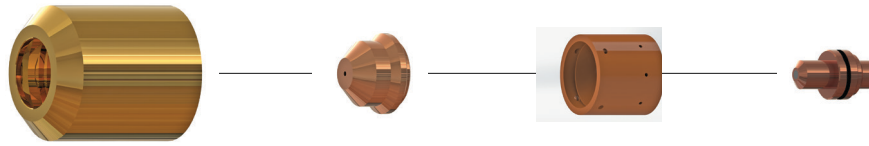
**Tip**  
30812-5 1.0mm  
30813-5 1.2mm  
30814-5 1.4mm  
30815-5 1.6mm  
30344-5 1.8mm

**Electrode**  
30808-5

**Not Shown**  
30881-1 Wire Guide Assembly

**SOLAR<sup>®</sup>**

**SOLAR<sup>®</sup> 20-20**



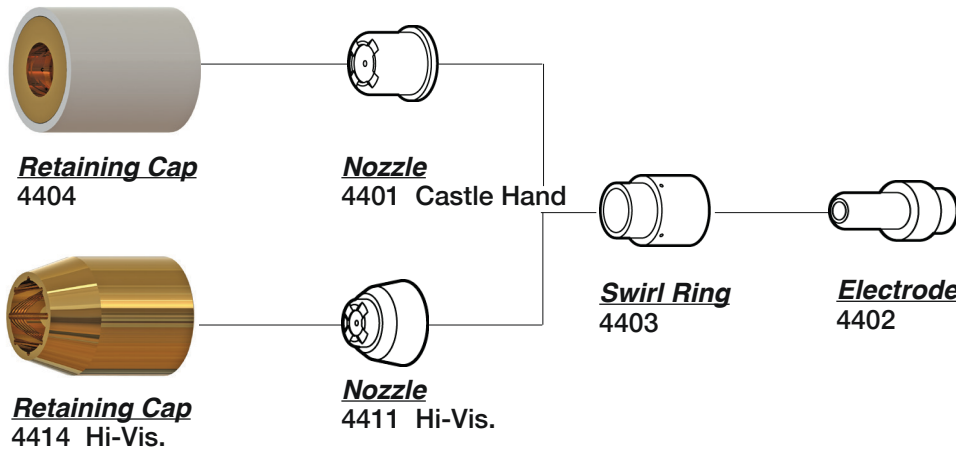
**Retaining Cap**  
4423

**Nozzle**  
4421

**Swirl Ring**  
4422

**Electrode**  
4420

**SOLAR<sup>®</sup> 20-40**



**Retaining Cap**  
4404

**Nozzle**  
4401 Castle Hand

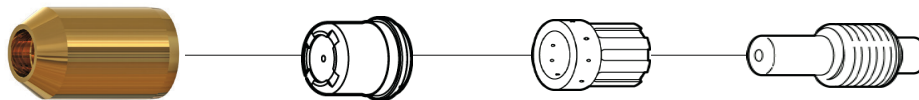
**Swirl Ring**  
4403

**Electrode**  
4402

**Retaining Cap**  
4414 Hi-Vis.

**Nozzle**  
4411 Hi-Vis.

**SOLAR<sup>®</sup> 20-50**



**Retaining Cap**  
4453

**Nozzle**  
4454 .038  
4451 .042

**Swirl Ring**  
4452

**Electrode**  
4450

**TAIWAN PLASMA COMPANY®**

TAIWAN PLASMA COMPANY®

**PLASMA**



**Tip**  
TWE 3010

**Electrode**  
TWE 30 short



**Tip**  
TWE 8013 1.3mm  
TWE 8015 1.5mm

**Electrode**  
TWE 80 long

**TANAKA®**





**Nozzle**  
PST-250-2.5 2.5mm

**Electrode**  
PST-250-ELECTRODE

**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PWH/M-3A**




<b>Tip</b>
8-3052 10A .014
8-3053 15A .022
9-1782 30A .031
9-1783 50A .046
9-6060 70A
9-1784 75A .062
9-1785 100A .081
9-6061 105A
9-1795 150A .093


<b>Long Tip</b>
9-1788 .031
9-1789 .046
9-1790 .062
9-1791 .081



**Gas Distributor**  
9-2240



**O-Ring**  
8-0527

**Electrode**  
9-1747

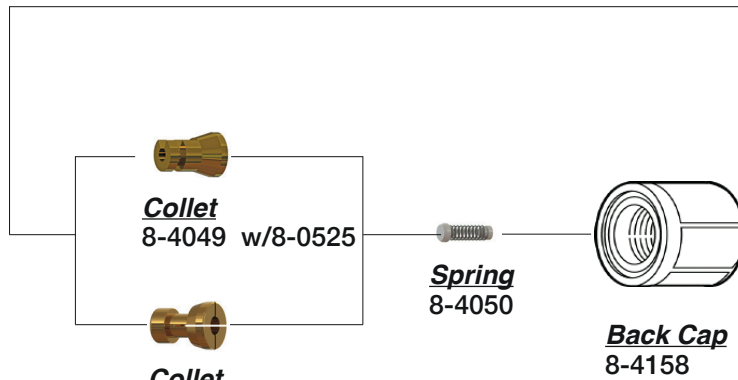
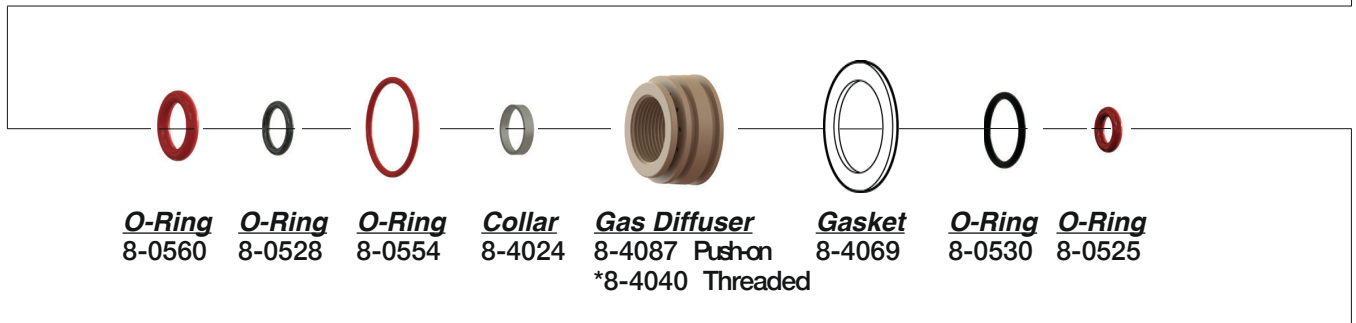
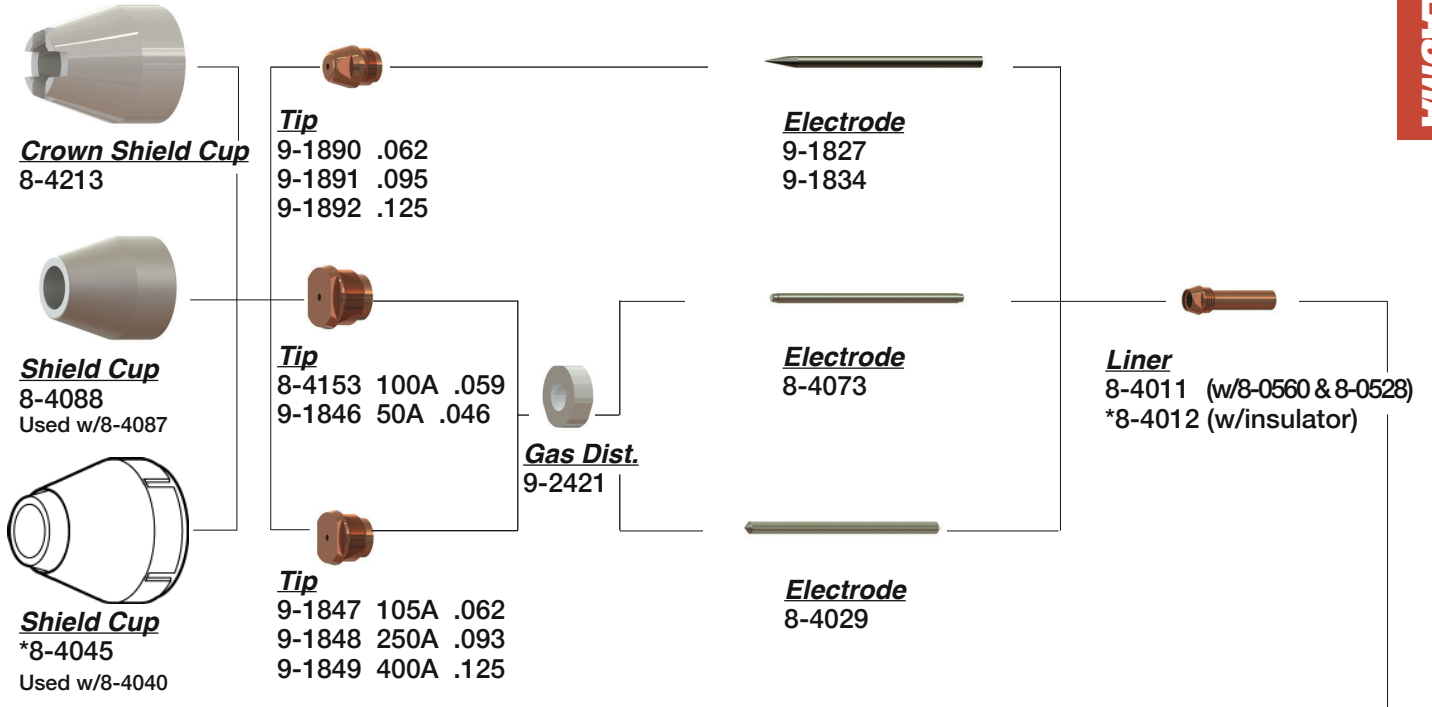
**Long Electrode**  
9-1775

**Not Shown**

- \*8-3030 70° Torch Body
- 9-1803 Long Black Cap
- 9-1779 Short Black Cap

**THERMAL DYNAMICS®**

**THERMAL DYNAMICS® PWH-4A**

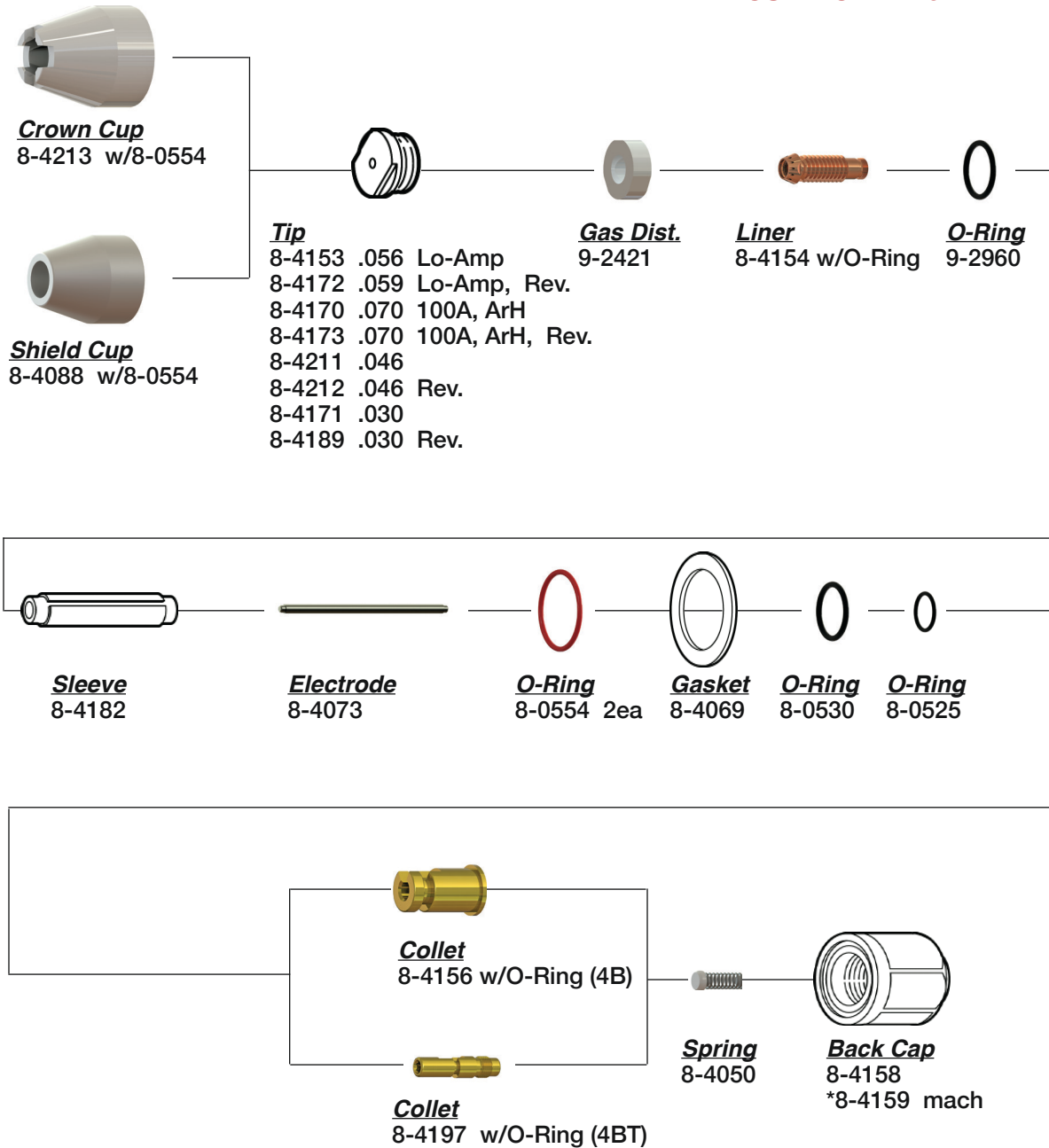


- Not Shown**  
8-4091 Wrench  
8-4053 Tip Wrench  
9-2204 Insulator  
8-4064 Shield Cup w/Screen



**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH-4B & 4BT PAK<sup>®</sup> 10**

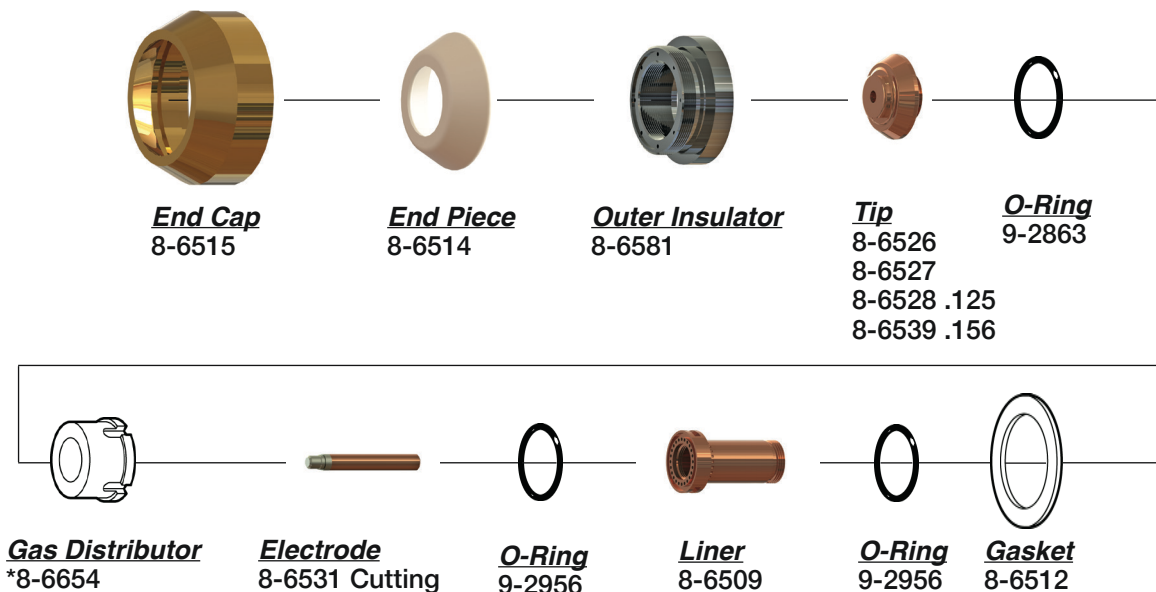


**Not Shown**

- 8-4157 Liner Wrench
- \*8-4160 Torch Body 70°
- 8-4196 Torch Head 180°
- 8-4198 Collet Wrench
- 8-4007 Wrench

**THERMAL DYNAMICS®**

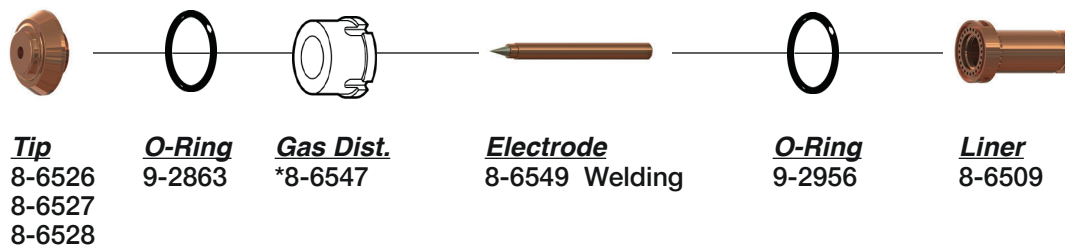
**THERMAL DYNAMICS® PCH-6A**



**Not Shown**

- \*8-5031 Spring
- \*8-6500 Torch Head Assy. 70°
- \*8-6510 Collet Assembly
- \*8-6523 Back Cap
- \*8-6533 Sleeve

**THERMAL DYNAMICS® PWM-6A**

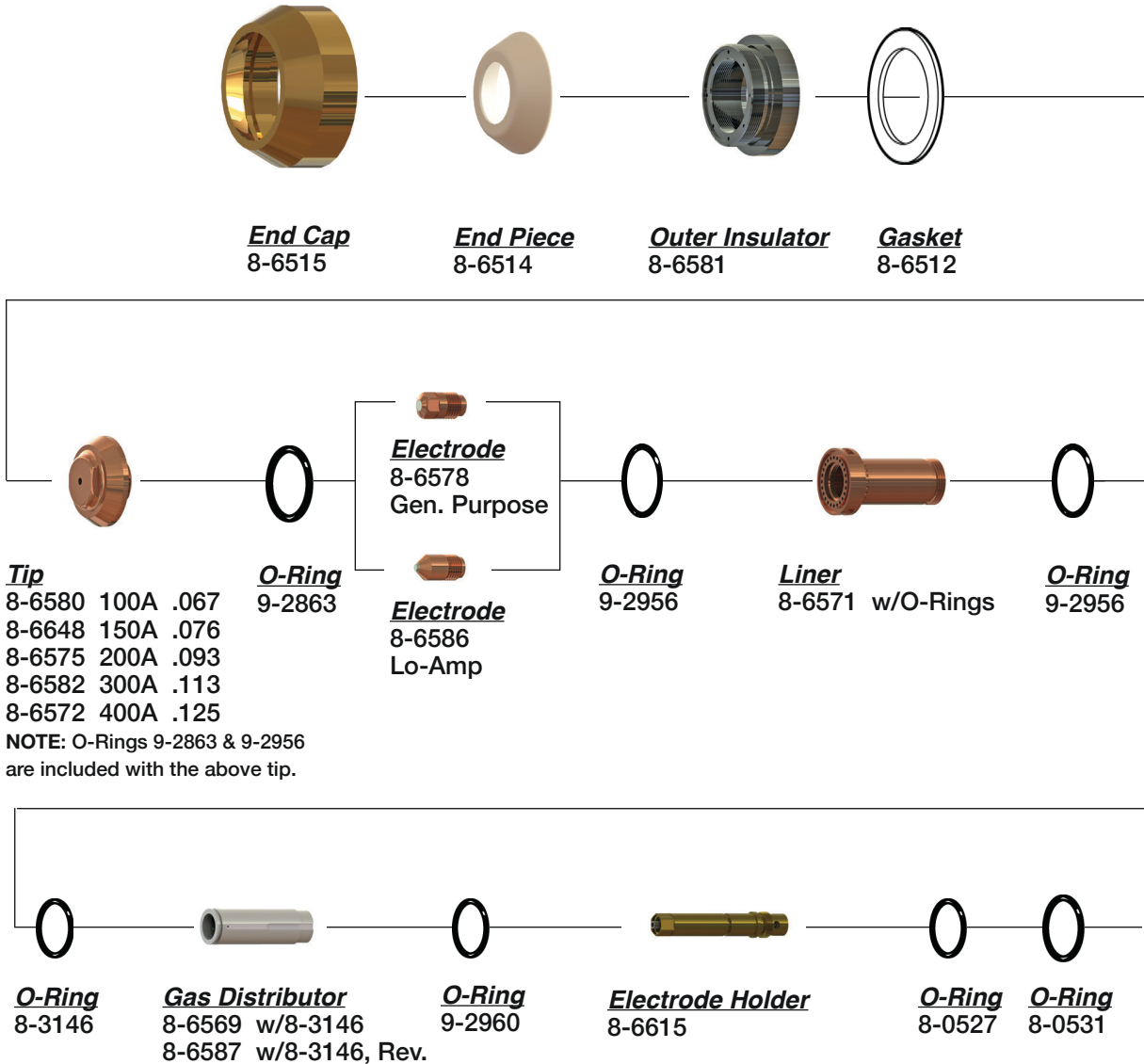


**Not Shown**

- 8-0534 O-Ring
- \*8-5031 Spring
- \*8-6502 Torch Head Assy.
- 8-6512 Gasket
- \*8-6520 Back Cap
- \*8-6542 Shield Cup
- \*8-6541 Shield Adapter
- \*8-6548 Collet Assembly
- \*8-6565 Sleeve

**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH-6B PAK<sup>®</sup> 44 & 45**

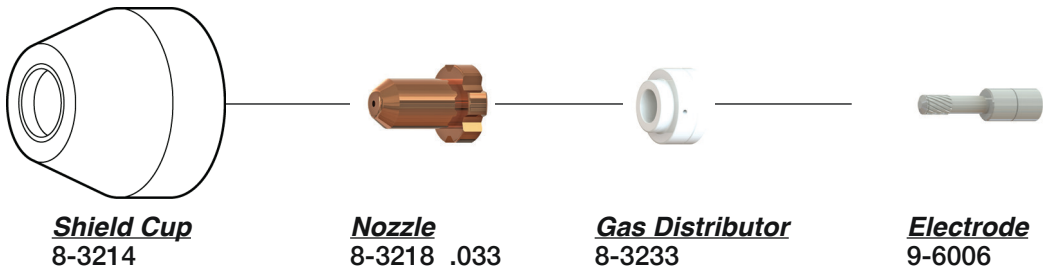


**NOTE:** O-Rings 9-2863 & 9-2956 are included with the above tip.

- Not Shown**  
 \*8-6517 Liner/Tip Wrench  
 8-6573 Wrench  
 8-6574 Wrench  
 \*8-6577 Torch Body  
 8-8564 Torch

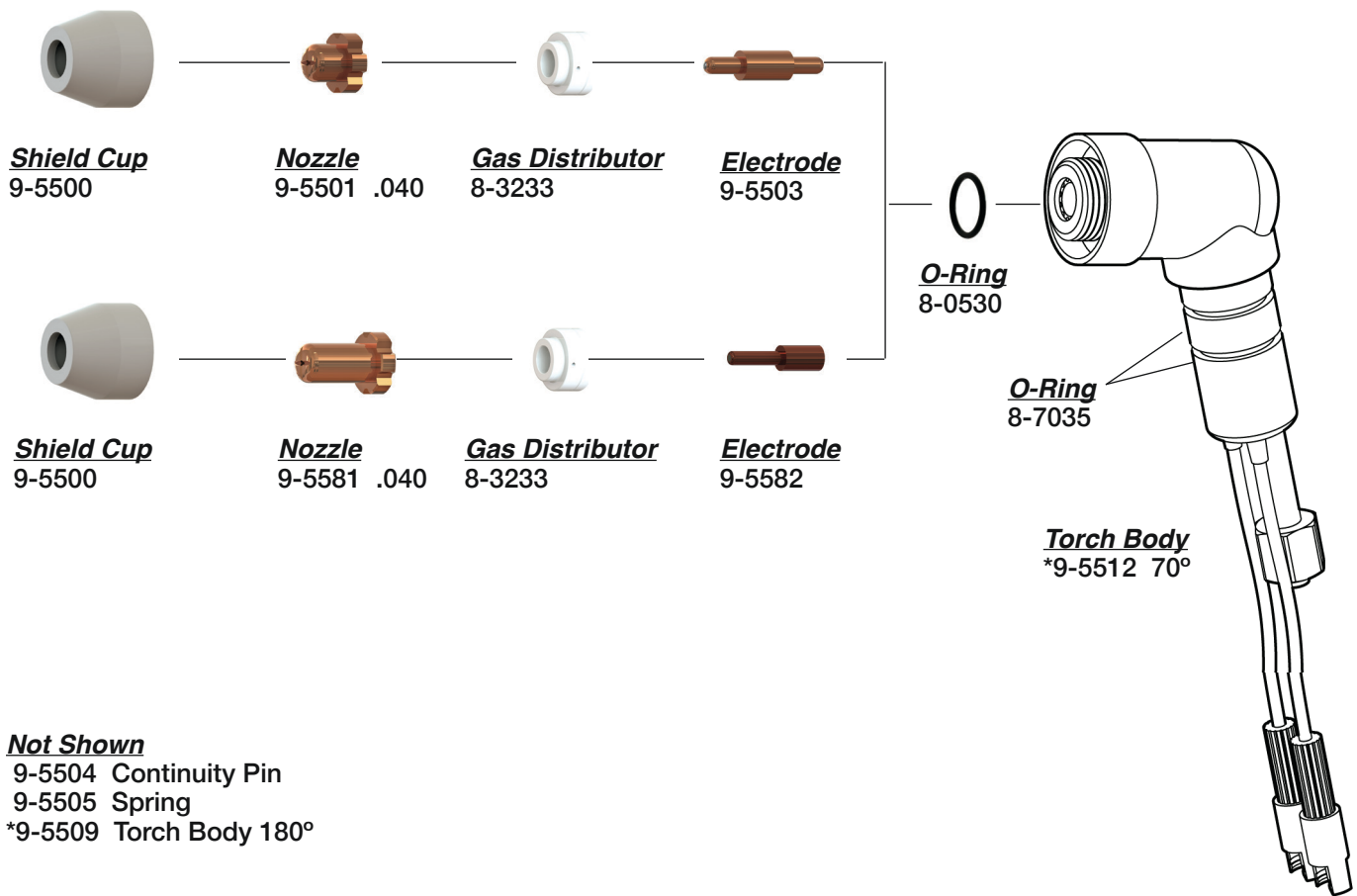
**THERMAL DYNAMICS®**

**THERMAL DYNAMICS® PCH-20 DYNAPAK® 110**



**Not Shown**  
8-3220 Torch Head, 70°

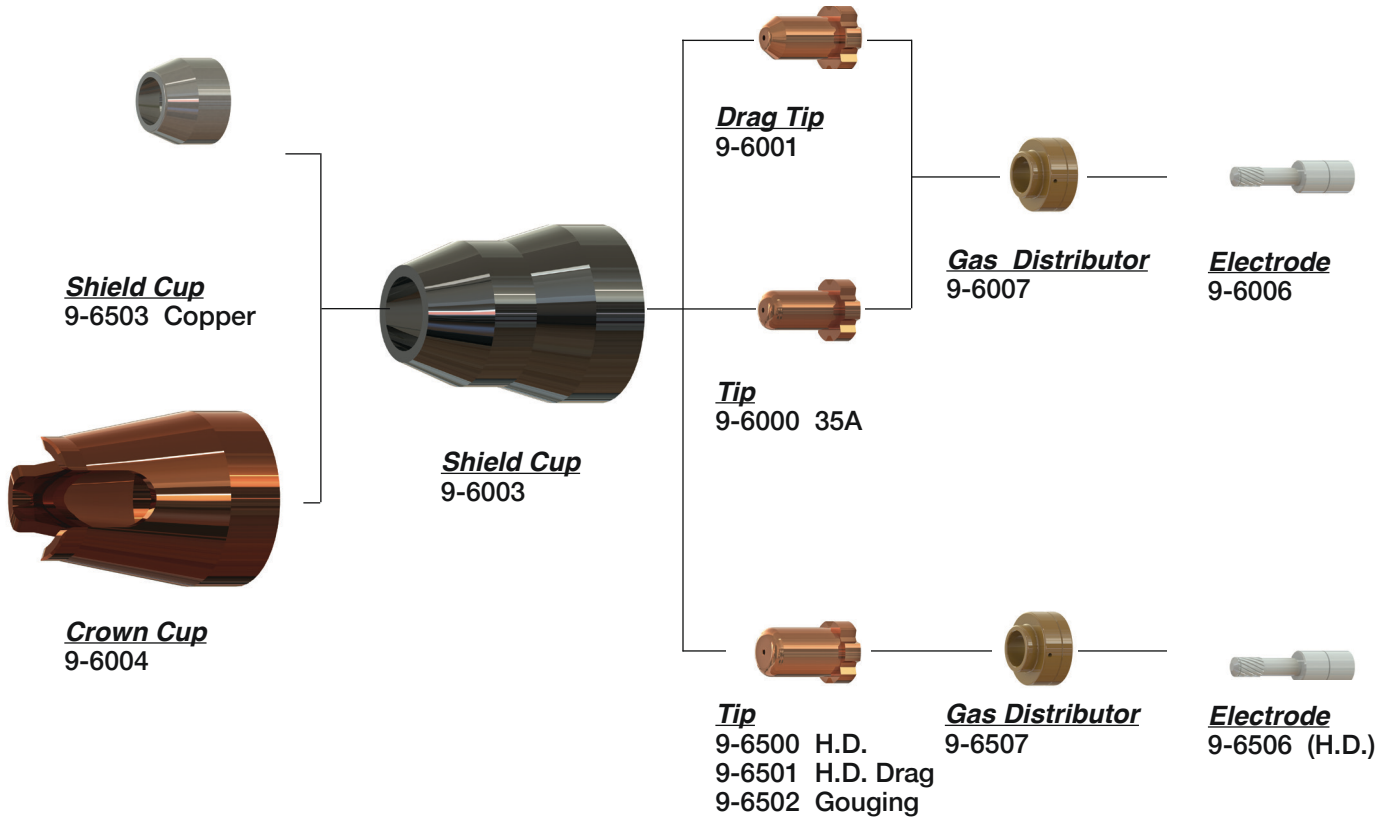
**THERMAL DYNAMICS® PCH-30 PAK® 3**



**Not Shown**  
9-5504 Continuity Pin  
9-5505 Spring  
\*9-5509 Torch Body 180°

**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH/M-35**



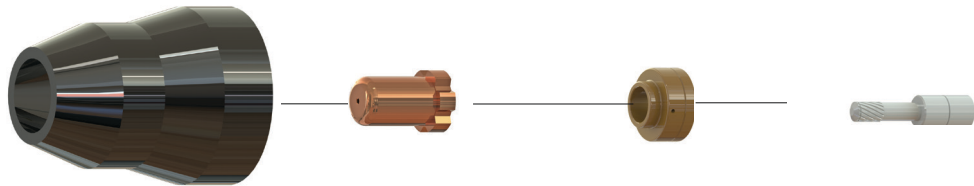
**Not Shown**

- \*9-5807 Torch Body 70°
- \*9-5809 Torch Body 180°



**THERMAL DYNAMICS®**

**THERMAL DYNAMICS® PCH/M-40**



**Shield Cup**  
9-6003

**Tip**  
9-6500 H.D.  
9-6501 H.D. Drag  
9-6002 Gouging

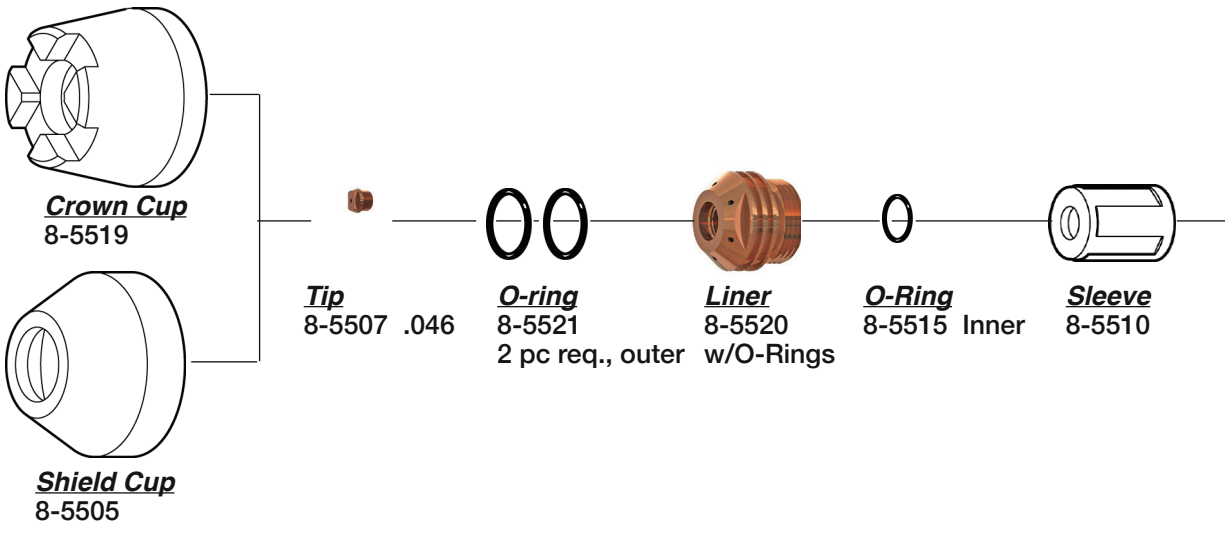
**Gas Distributor**  
9-6507

**Electrode**  
9-6506 (H.D.)

**Not Shown**

- 9-6004 Crown Cup
- \*9-8055 Torch Head 70°
- \*9-8053 Torch Head 180°

**THERMAL DYNAMICS® PCH-50 PAK® 5**



**Crown Cup**  
8-5519

**Shield Cup**  
8-5505

**Tip**  
8-5507 .046

**O-ring**  
8-5521  
2 pc req., outer

**Liner**  
8-5520  
w/O-Rings

**O-Ring**  
8-5515 Inner

**Sleeve**  
8-5510

**Electrode**  
8-5508

**Collet**  
8-5506

**O-Ring**  
8-5504

**Spring**  
8-5503

**Collet Release Button**  
8-5502

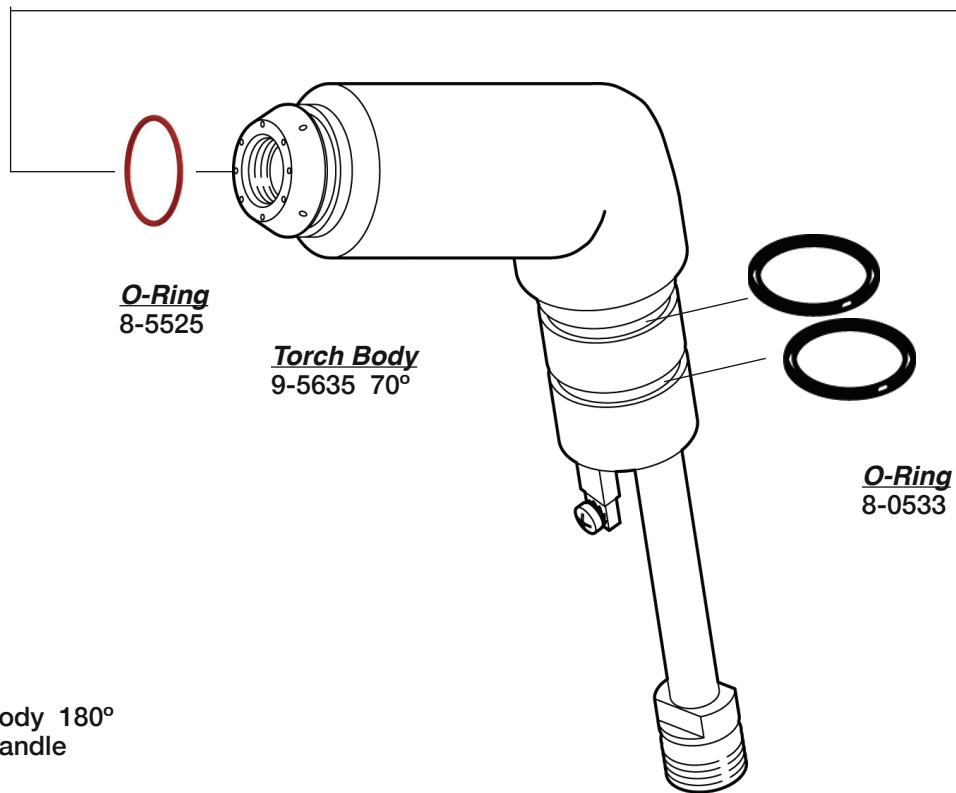
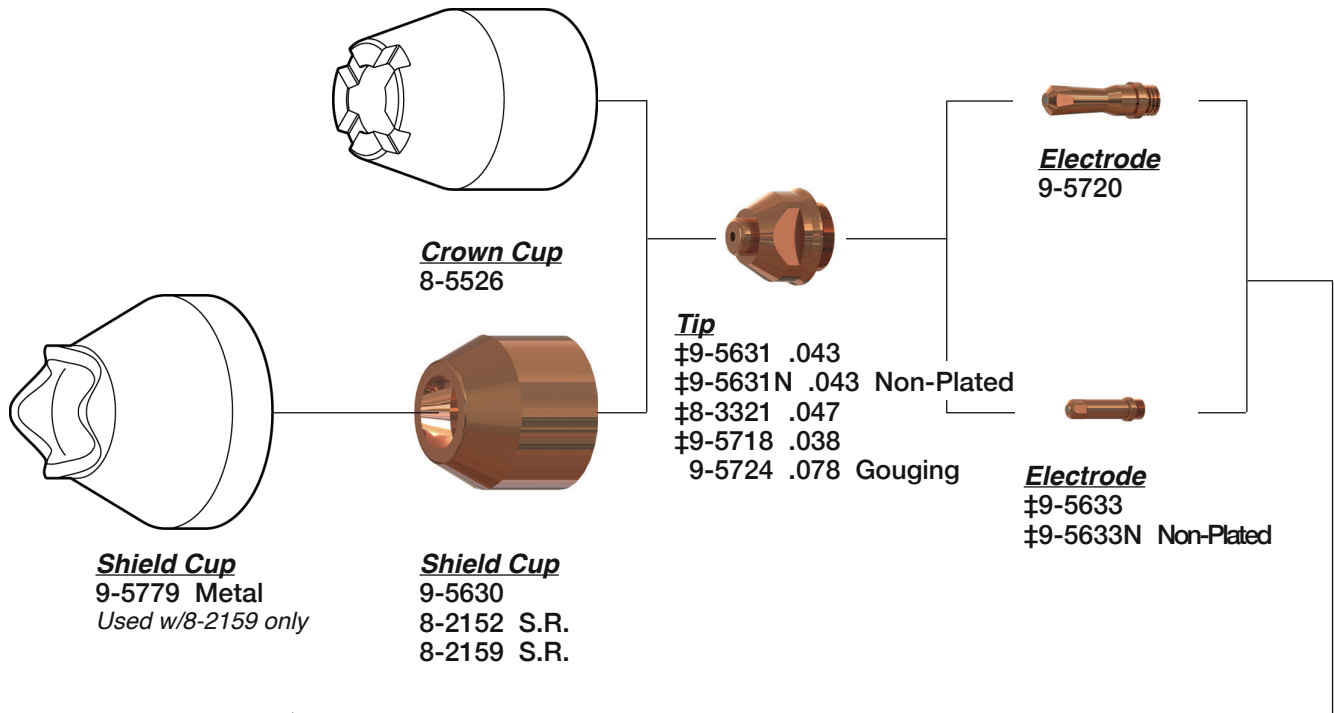
**O-Ring**  
8-5514

**Not Shown**

- 8-5512 Wrench
- \*8-5501 Torch Body 70°

**THERMAL DYNAMICS<sup>®</sup>**

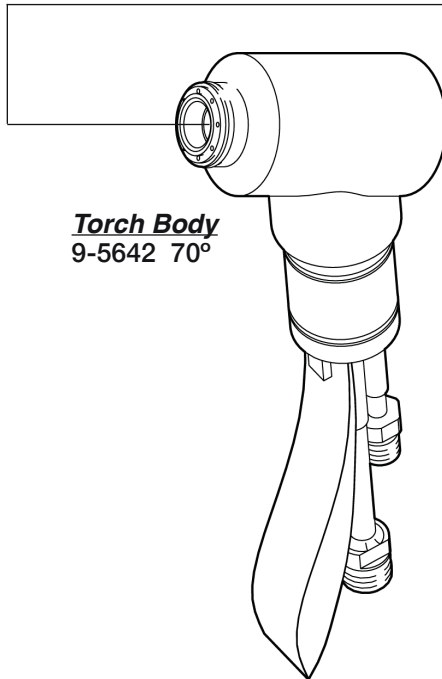
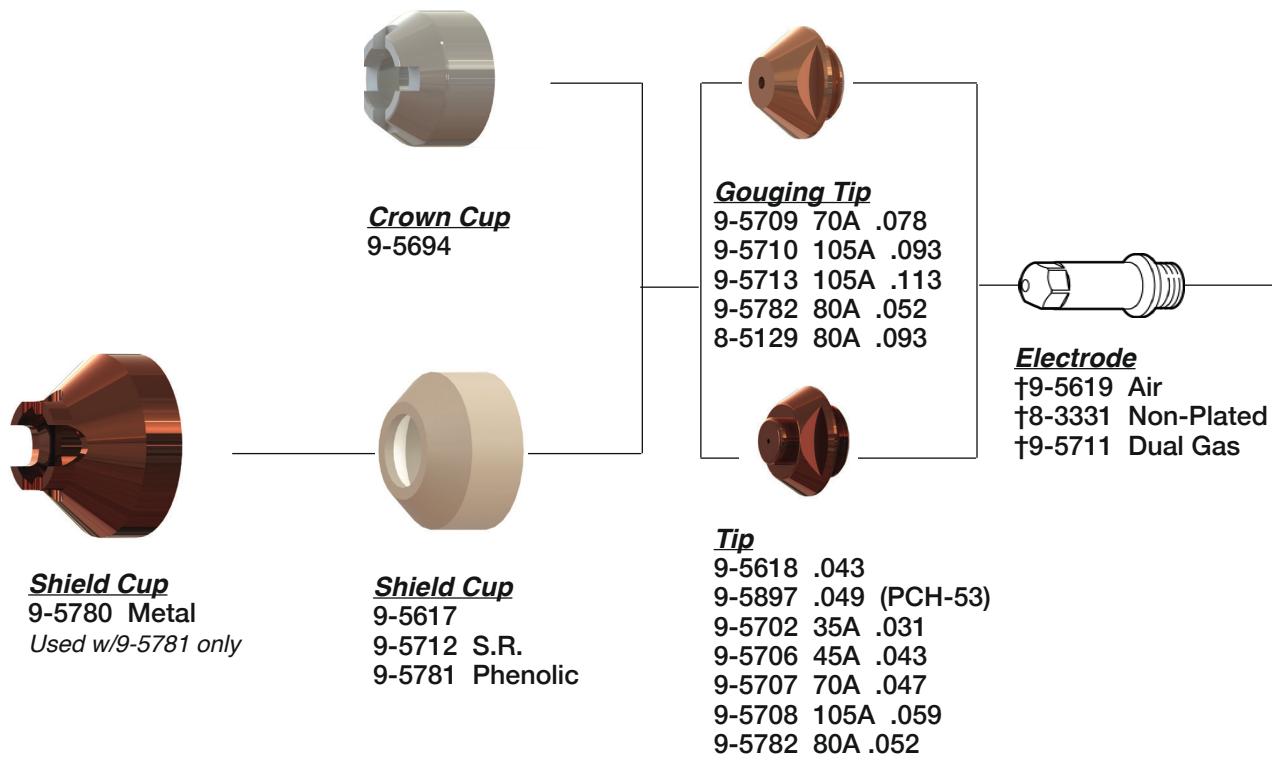
**THERMAL DYNAMICS<sup>®</sup> PCH-51 3XR<sup>™</sup>, 4XI<sup>™</sup>, 5XR<sup>™</sup>**



**Not Shown**  
9-5522 Switch  
9-5634 Torch Body 180°  
9-5636 Torch Handle

**THERMAL DYNAMICS®**

**THERMAL DYNAMICS® PCH-52, PCH-53 PAK5XR™, DG & 10XR™**

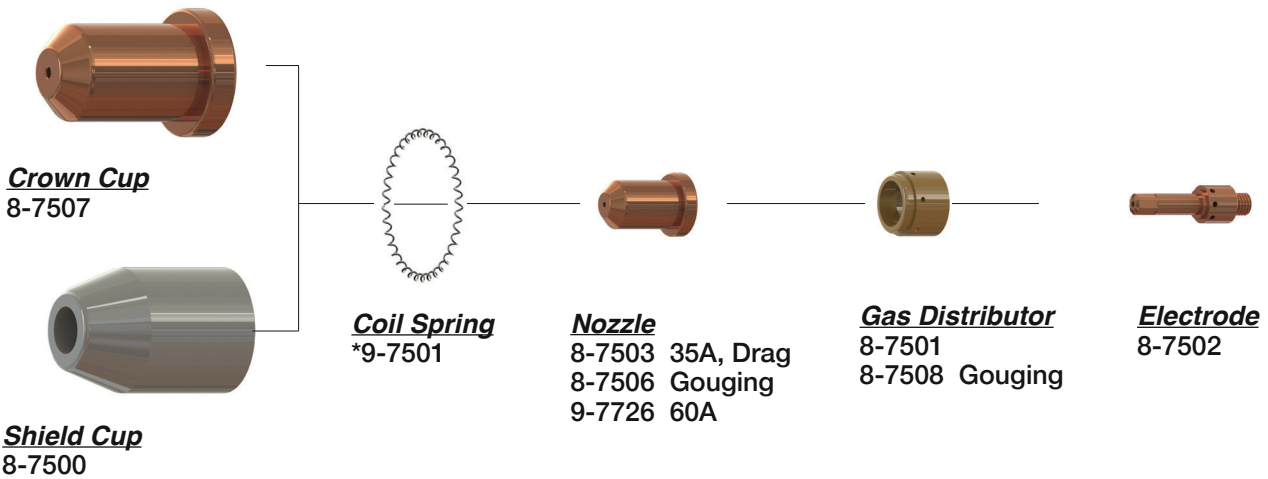


**Not Shown**

- 2-2936 Torch Assy. 70° w/25' Lead
- 2-2938 Torch Body w/25' Leads
- 8-5525 O-Ring
- 8-5128 Shield Cup, Gouging
- 8-5130 Heat Shield
- 9-5643 Torch Body 180°
- 9-5644 Handle
- 9-6170 Torch 70° PCH-53
- 9-6180 Torch 180° PCM-53

**THERMAL DYNAMICS<sup>®</sup>**

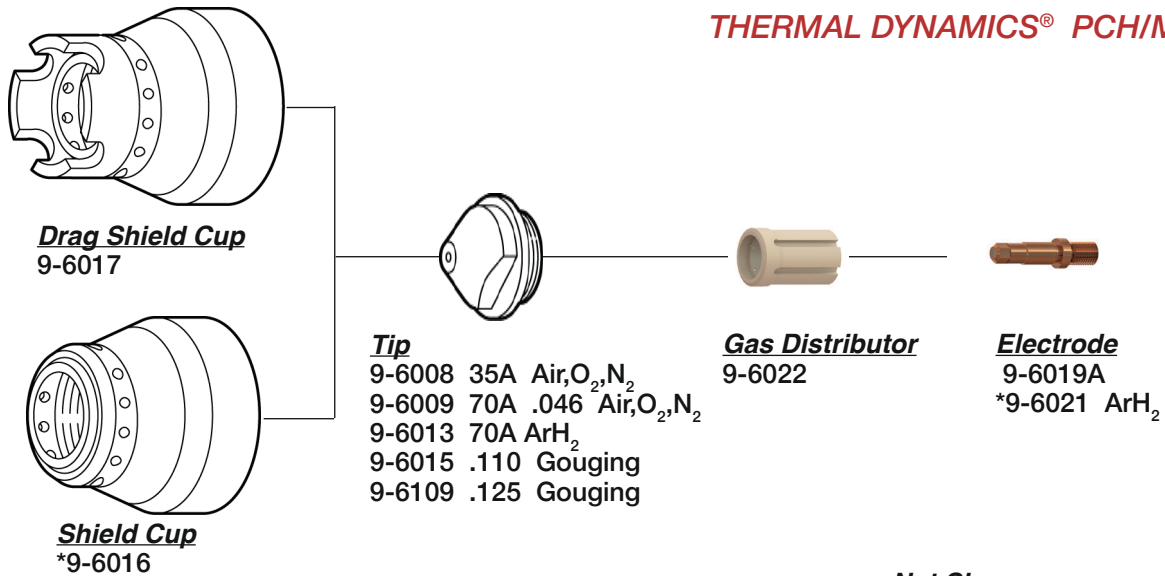
**THERMAL DYNAMICS<sup>®</sup> PCH/M-60**



**Not Shown**

- \*8-7525 Hi. Vis Shield
- \*9-8073 Torch Head 180°
- \*9-8075 Torch Head 70°

**THERMAL DYNAMICS<sup>®</sup> PCH/M-70**



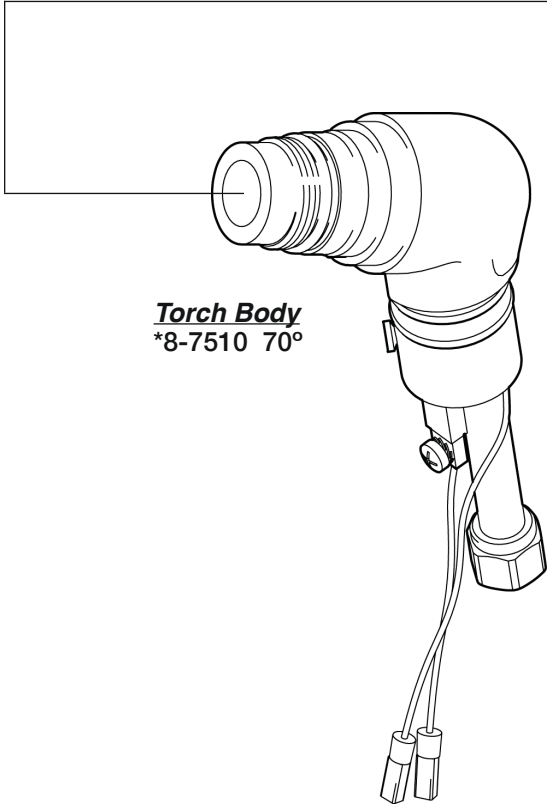
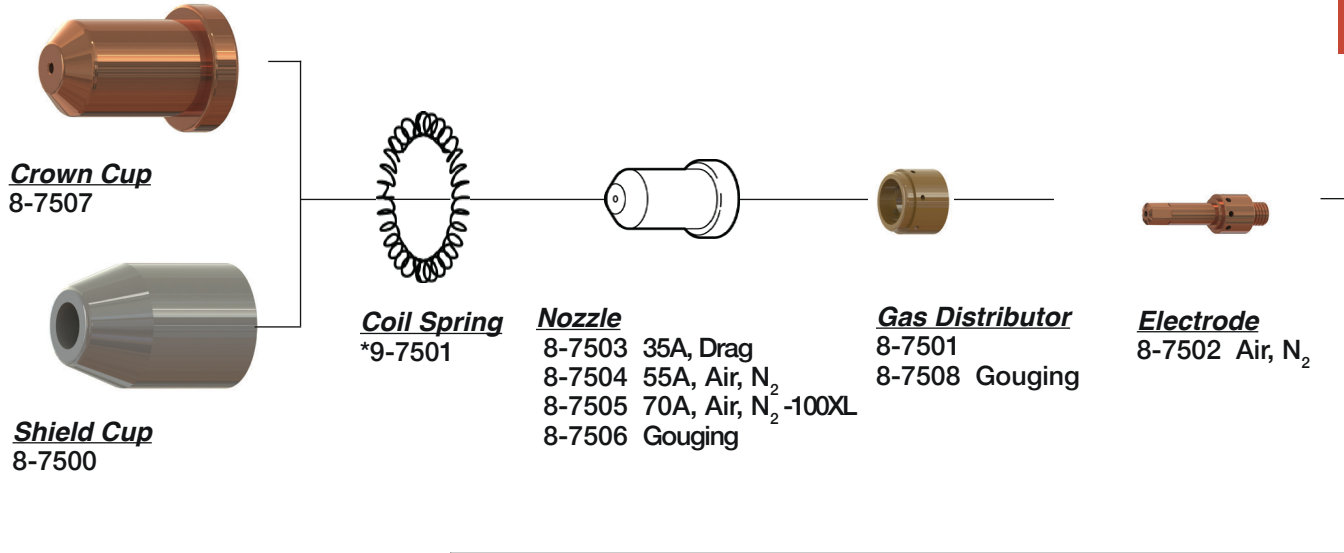
**Not Shown**

- \*9-5810 Torch Head, 70°
- \*9-5812 Torch Head, 180°
- \*9-6018 Shield Cup

**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH/M-75/100XL**

**PLASMA**



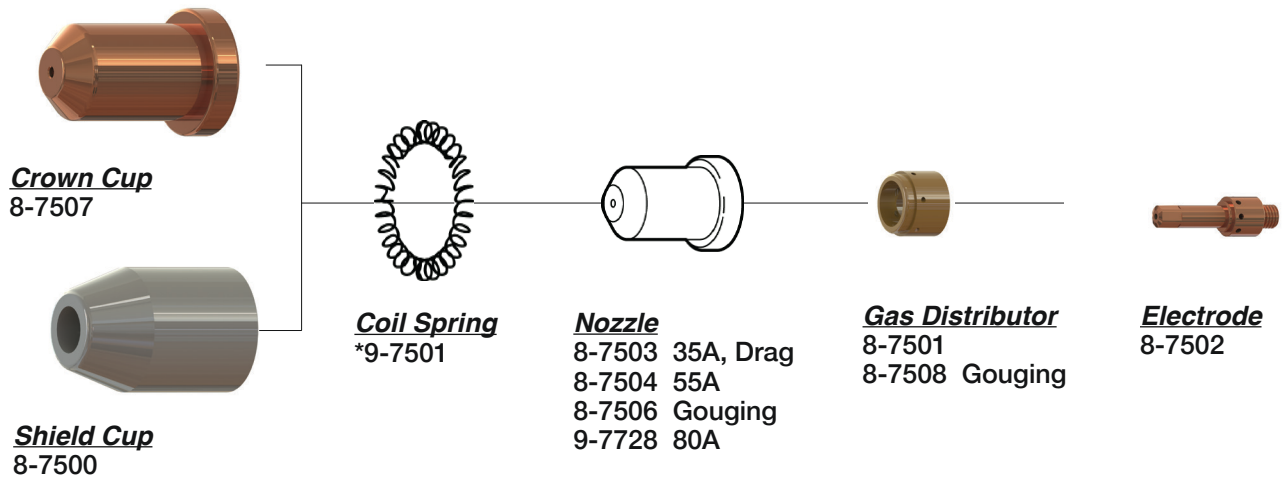
- Not Shown**
- 2-0001 Torch 70° W/25' Lead
  - \*8-7511 Torch Body 90°
  - \*8-7512 Torch Body 180°
  - \*8-7525 Hi. Vis Shield

American Torch Tip Company is in no way affiliated with the above-named original equipment manufacturer(s) ("OEM"). References to the above-named machines, torches, and numbers are for your reference only. Most parts advertised for sale are made by or for American Torch Tip, and other parts as indicated, are original parts manufactured by above-named OEM and are simply being re-sold by American Torch Tip. Footnotes: \* = OEM; # = American Torch Tip is licensed to make and sell this part by named manufacturer; ATTC and ATT suffix = This part is an original American Torch Tip design and is not manufactured identical to the OEM design; ® indicates a registered trademark, trade name, or product name of the above-named company. PHD®, PHDX™, Lightning®, Waltec™, Integra™, Lasertec Laser Division of American Torch Tip®, Multi-Use™ and ProMix™ are trademarks owned by American Torch Tip Company. © Copyright 2018, American Torch Tip Company



**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH/M-80**

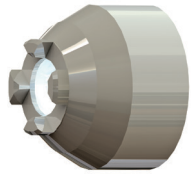


**Not Shown**

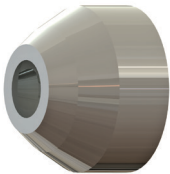
- 2-0080 Torch 70° W/25' Lead
- \*8-7525 Hi. Vis. Shield
- \*9-8073 Torch Head 180°
- \*9-8075 Torch Head 70°

**THERMAL DYNAMICS®**

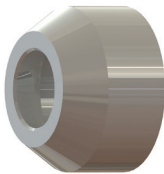
**THERMAL DYNAMICS® PCH-100 PAK™ 10XR**



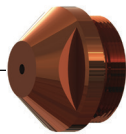
**Crown Cup**  
8-1101



**Shield Cup**  
8-1100



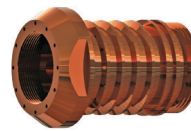
**Shield Cup**  
9-4345 mach.



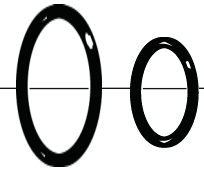
**Tip**  
9-4341 105A .059  
9-4342 70A .047  
9-4343 35A .039



**Electrode**  
9-4340



**Liner**  
8-1106 (w/8-1135)



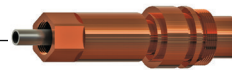
**O-Ring** 8-1135  
**O-Ring** 8-1134



**Gas Distributor**  
9-4339 (w/8-1134)



**O-Ring**  
8-1133



**Electrode Holder**  
8-1108 (w/8-1133 & 8-1152)



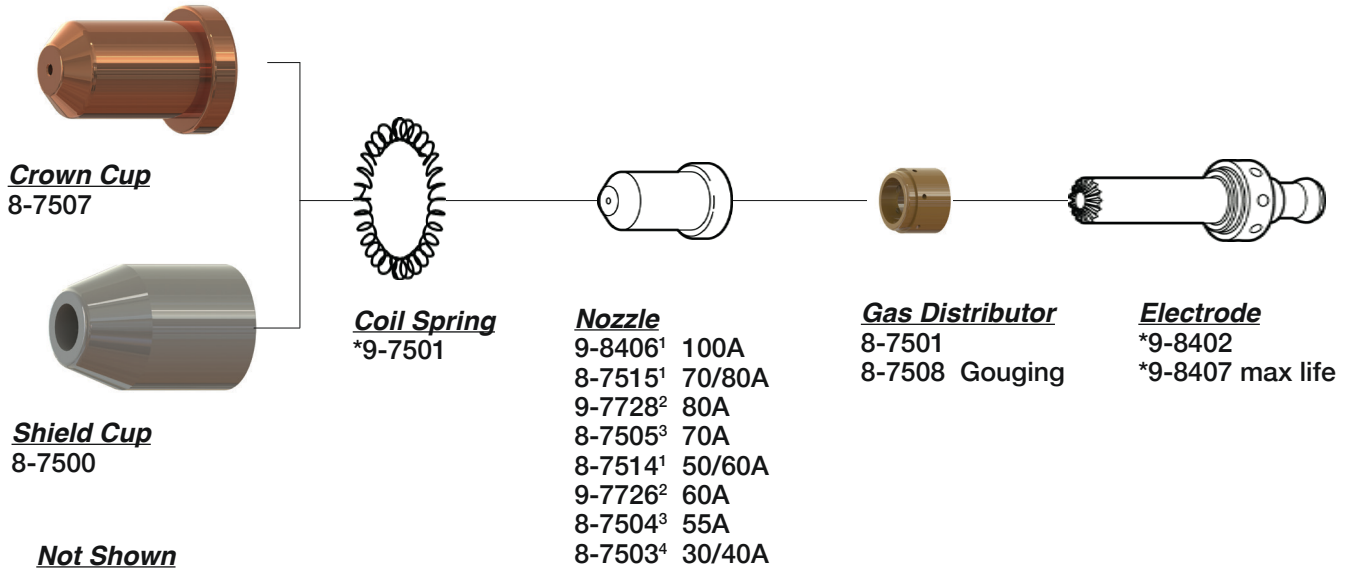
**O-Ring**  
8-1152

**Not Shown**

- 8-1109 Wrench
- 8-1110 Wrench
- 8-1111 Wrench
- \*8-1112 Torch Head, 180°
- \*8-1113 Torch Head, 70°

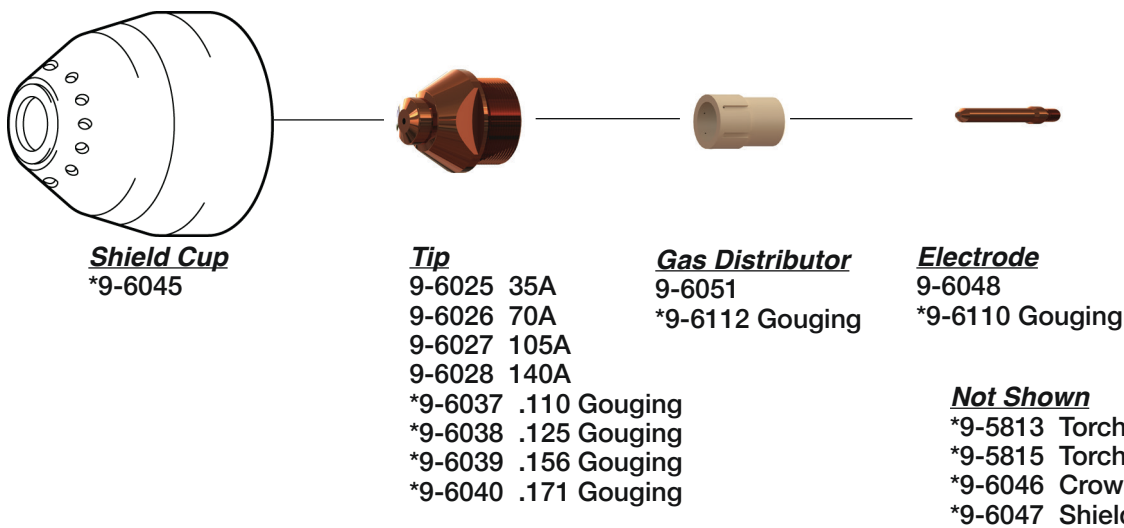
**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH/M-102 SURELOK<sup>™</sup> RPT**



1) Used in torches for TDC XL Plus systems.  
 2) Used in torches for TDC XR's and other Manufacturer's systems.  
 3) Used in torches for TDC XL systems.  
 4) Used in torches for all systems.

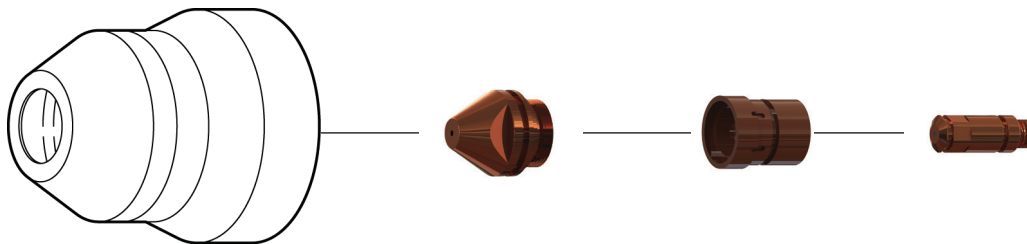
**THERMAL DYNAMICS<sup>®</sup> PCH/M-140**



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**THERMAL DYNAMICS®**

**THERMAL DYNAMICS® PCH/M-145**



**Shield Cup**  
\*9-6075

- Tip**  
 9-6055 35A  
 9-6056 70A  
 9-6057 105A  
 9-6058 140A  
 \*9-6067 .110 Gouging  
 \*9-6068 .125 Gouging  
 \*9-6069 .156 Gouging  
 \*9-6070 .171 Gouging

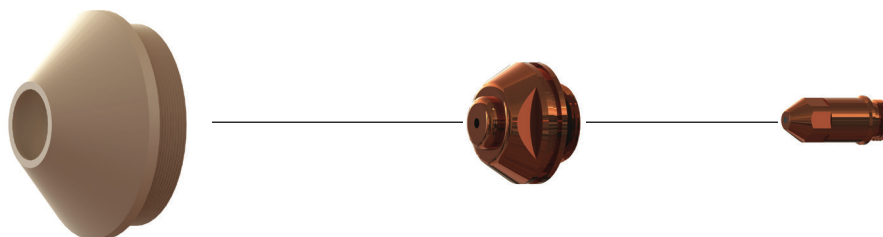
**Gas Distributor**  
9-6081

- Electrode**  
 9-6078A Air  
 \*9-6129 N<sub>2</sub>  
 \*9-6130 Gouging

**Not Shown**

- \*9-5816 Torch Body 70°  
 \*9-6076 Crown Cup  
 \*9-6077 Gouging Shield Cup  
 \*9-6410 Torch Body 180°

**THERMAL DYNAMICS® PCH/M-150 MERLIN 15XC**



- Shield Cup**  
 9-5750 Ceramic Frt.-Std.  
 9-5758 Tip Ext.  
 9-5774 Gouging  
 9-5790 Metal Frt.-Std.  
 9-5801 Copper  
 9-5774T  
 9-5758T  
 9-5750T  
 9-5790CT  
 9-5750B  
 9-5790B

- Tip**  
 9-5746 150A .070 Air  
 9-5747 100A .050 Air  
 9-5748 50A .043 Air  
 9-5751 150A .070 O<sub>2</sub>  
 9-5752 100A .052 O<sub>2</sub>  
 9-5753 50A .043 O<sub>2</sub>  
 9-5767 150A .016 N<sub>2</sub>  
 9-5766 100A .052 N<sub>2</sub>  
 9-5765 50A .043 N<sub>2</sub>  
 9-5755 150A .120 N<sub>2</sub> Gouging  
 9-5756 85A .078 N<sub>2</sub> Gouging

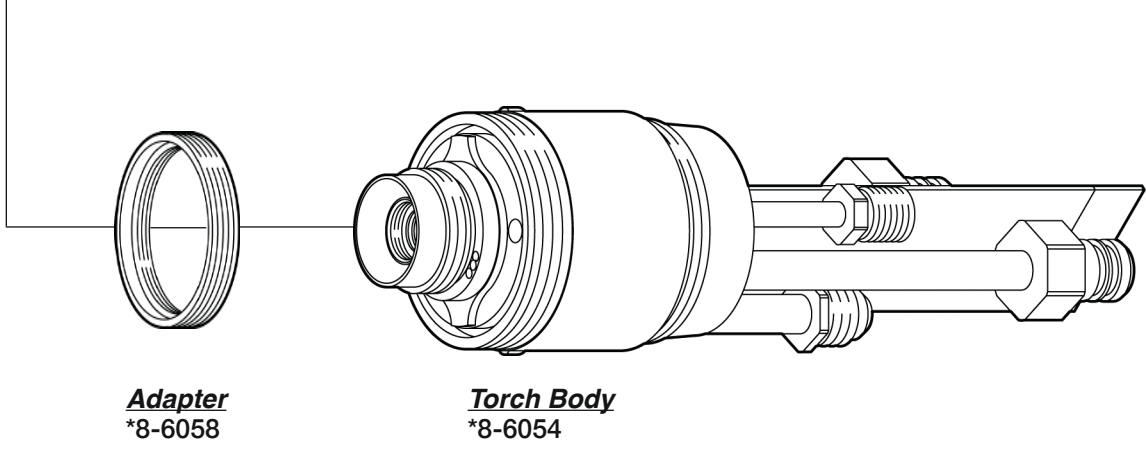
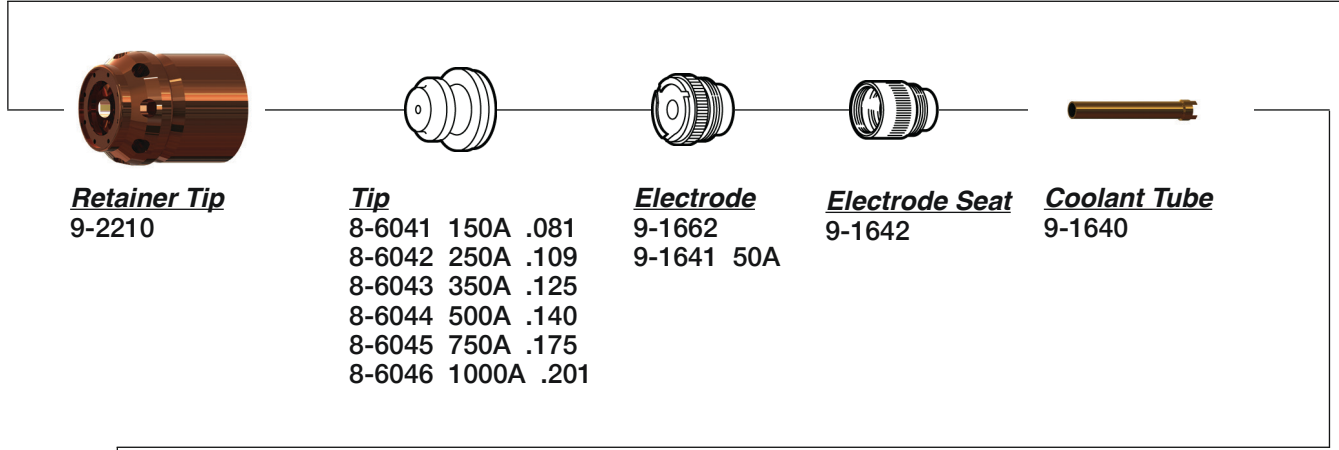
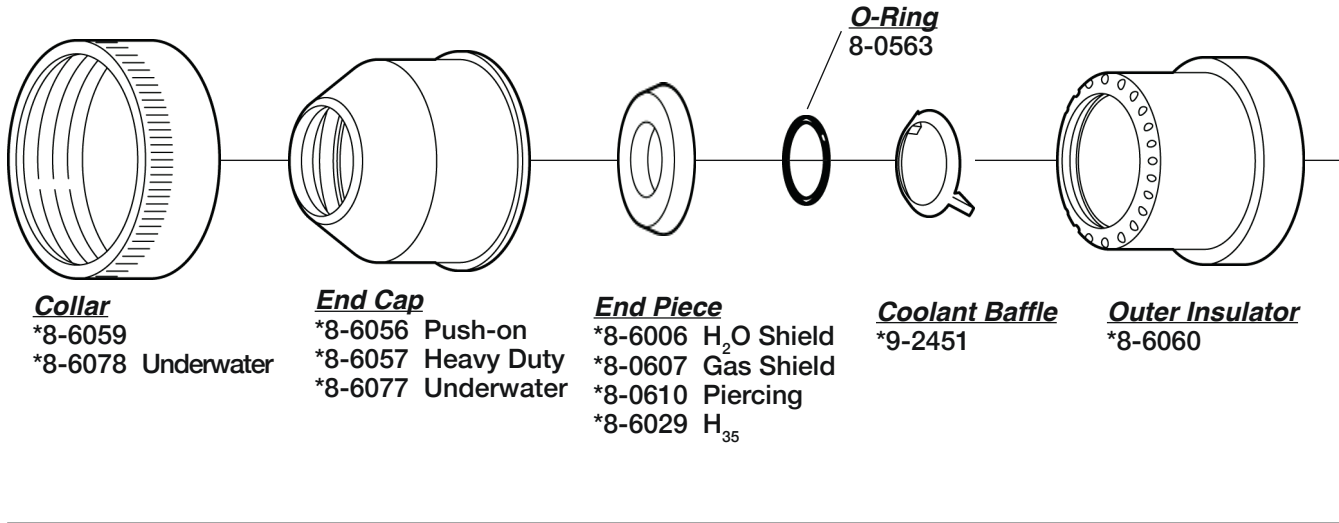
- Electrode**  
 9-5749 Air  
 9-5754 N<sub>2</sub>-ArH<sub>2</sub>  
 9-5760 O<sub>2</sub>

**Not Shown**

- 8-0557 O-Ring (Sml. Shield Cup)  
 8-5507 O-Ring (Lrg. Shield Cup)  
 9-5743 Torch Body 70°  
 9-5745 Torch Body 180°

**THERMAL DYNAMICS<sup>®</sup>**

**THERMAL DYNAMICS<sup>®</sup> PCH/M-200**



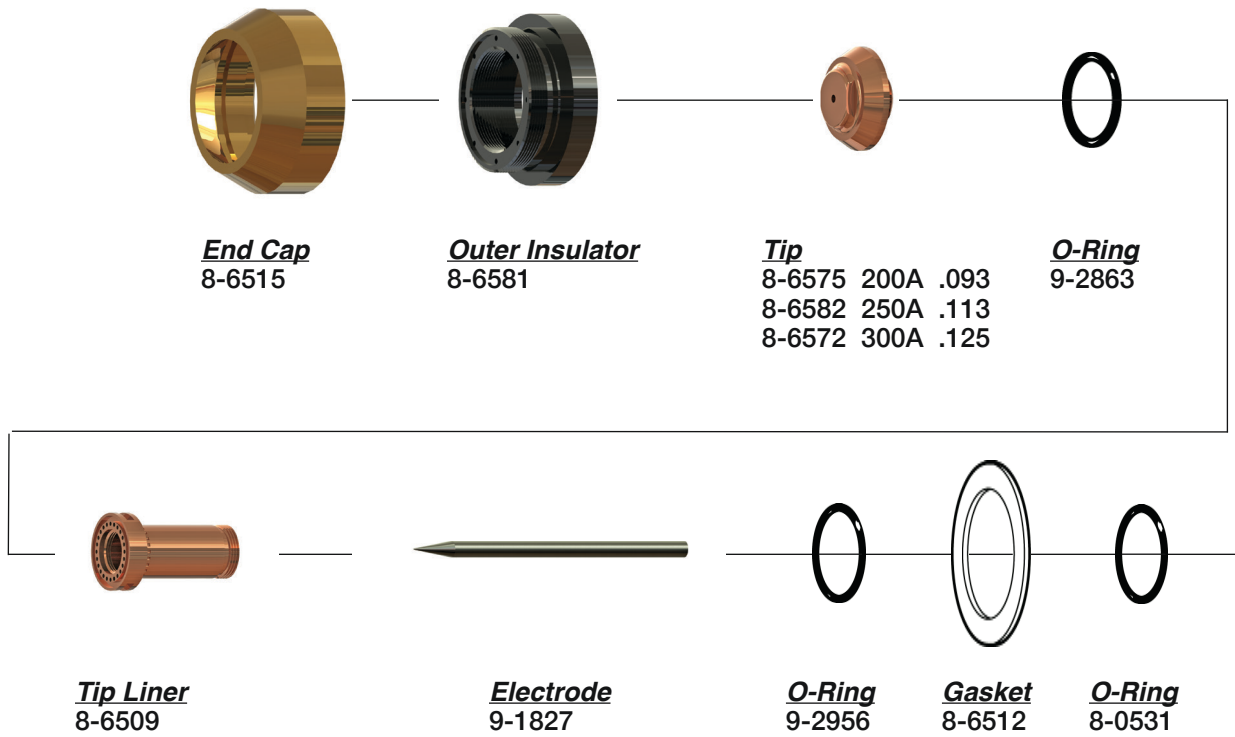
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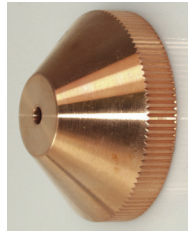
**THERMAL DYNAMICS<sup>®</sup> PWM-300**

**PLASMA**

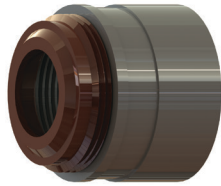


**Not Shown**  
8-0534 O-Ring  
\*8-6517 Tip/Liner Wrench

PLASMA



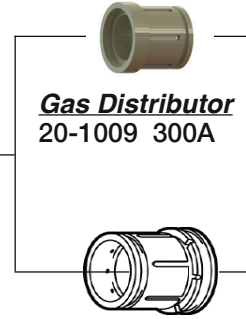
**Shield Cup Shield**  
20-1004 100-225A  
20-1005 300A  
20-1006 100-300A



**Shield Cup**  
20-1002



**Tip**  
20-1031 100A  
20-1032 150A  
20-1033 225A  
20-1034 300A



**Gas Distributor**  
20-1009 300A

**Gas Distributor**  
20-0008 50/225A



**Electrode**  
20-1016 150A  
20-1017 225A  
20-1018 300A  
20-1021

**Not Shown**

- \*9-6410 Torch Body
- \*20-0001 Consumable Wrench

THERMAL DYNAMICS<sup>®</sup> TD 750

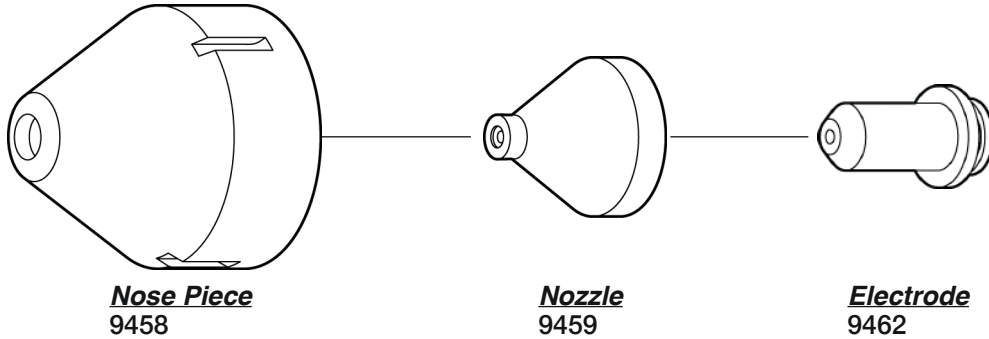


**Tip**  
9-6055 35A  
9-6056 70A  
9-6057 105A  
9-6423 .037  
9-6424 70A

**WEIDEMANN®**

**WEIDEMANN® IC100**

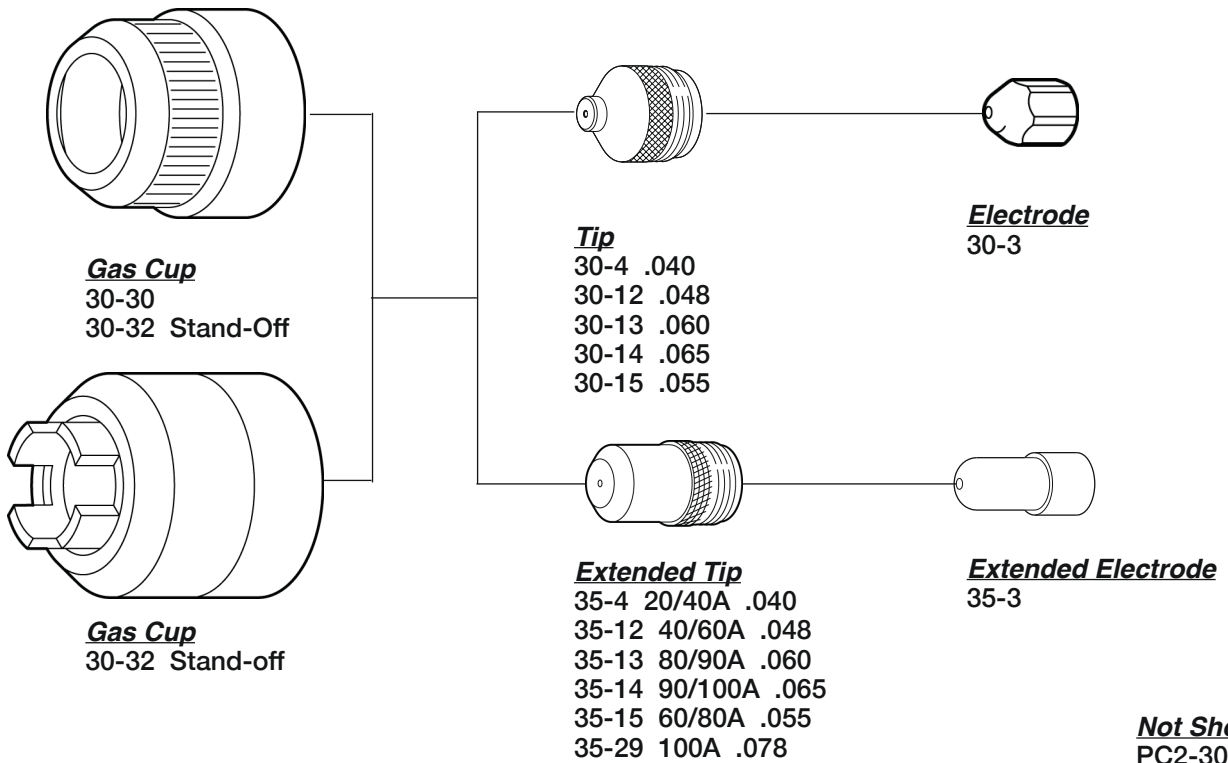
**PLASMA**



**Not Shown**

- 9460 O-Ring
- 9463 O-Ring
- 9465 O-Ring
- 9466 O-Ring
- 9468 O-Ring
- 9475 O-Ring
- 9480 Packing
- 9481 Packing

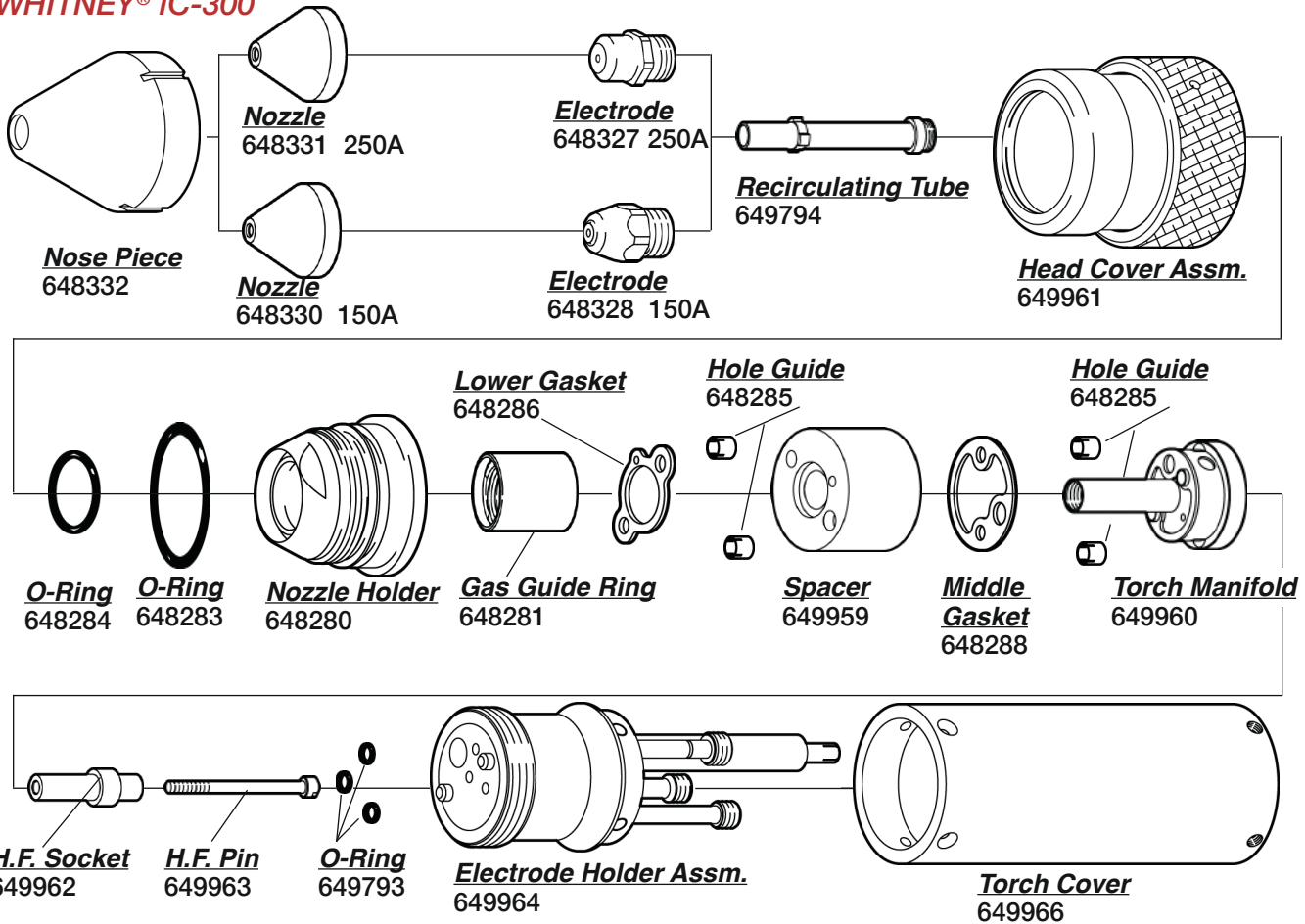
**WELDCRAFT® PC30**



**WHITNEY<sup>®</sup>**

**PLASMA**

**WHITNEY<sup>®</sup> IC-300**



**IC300 Cutting Table - Air Plasma & Water Shield**

Nozzle	Gas	Amps	Standoff for Cutting	Air Pressure	Plate Thickness		Cut Speed (in./min.)	
					Carbon/ss	Aluminum		
648330	Air-Oxygen	90	3 mm	65 psi	20 ga.	0.8 mm	260	300
			3 mm	65 psi	18 ga.	1.2 mm	260	300
		100	4 mm	65 psi	1/16 in.	1.6 mm	250	280
648331	Air-Oxygen	120	5 mm	115 psi	1/8 in.	3.0 mm	220	250
		170	7 mm	115 psi	3/16 in.	4.8 mm	190	235
		220	8 mm	115 psi	1/4 in.	6.0 mm	150	220
		250			1/2 in.	12.5 mm	80	160
					5/8 in.	16.0 mm	65	130
					3/4 in.	19.0 mm	55	110
					1 in.	25.0 mm	35	90
			1-1/8 in.	28.0 mm	30	80		
			1-1/4 in.	32.0 mm	25	65		

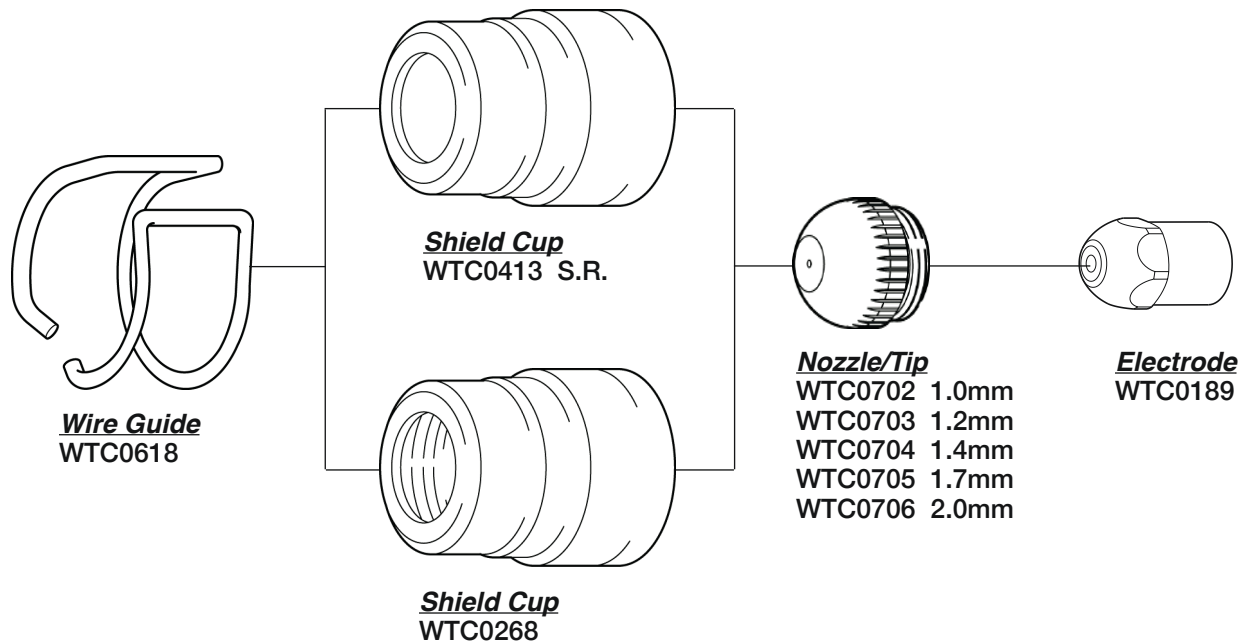
**Not Shown**

- 643722 IC-300 Torch Comp.
- 648282 Gasket Spacer
- 648310 Fitting, Argon Hose
- 648312 Fitting, H<sup>2</sup>O Hose In
- 648313 Fitting, H<sup>2</sup>O Hose Out
- 648317 Screw, Cone
- 648318 Screw, Flat
- 648333 Screw, Cone/Nylon
- 649150A Gas Fitting, 150A
- 649797 Front Section
- 649965 Gas Fitting, 250A
- 827260 Socket Collar
- 827261 Plug B

**NOTE:** For the material you are cutting, set initial torch height (before piercing) to approximately twice the Stand-off Distance. 1 scfh = 28.316 liter/hour, 1 psi = .0689 bar = 6.895 Kpa. This information represents our best judgement but American Torch Tip assumes no liability for its use.

WTC® M100, 150

PLASMA





American Torch Tip Co. (ATTC) warrants its products to the original end user for the periods listed below:

PLASMA	MIG
<b>LIFETIME</b> *PHD and PHDX Torch Bodies	<b>LIFETIME</b> *Lightning® Handle and Trigger Switch  <b>ONE YEAR</b> *Lightning® Semi-Automatic MIG Guns *Lightning® Robotic MIG Guns *Lightning® Fixed Automation MIG Guns  <b>180 DAYS</b> *All Other Gun Models
GAS APPARATUS	TIG
<b>THREE YEARS</b> *Complete Oxy-Fuel Kit Components *Regulators/Flowmeters/Flowregulators *Torches, Handles & Cutting Attachments	<b>ONE YEAR</b> *TIG Torches
THERMAL SPRAY	
<b>ONE YEAR</b> *Thermal Spray Guns	

\*Limited Warranty on Manufacturing and Material Defects. Warranty Terms Do Not Apply to Consumable Products.

**Warranty Terms**

This warranty shall not apply to any product that has been modified or used in a manner inconsistent with ATTC’s installaton instructons and operatng guidelines. Within the warranty periods listed above and at ATTC’s sole discreton, ATTC will repair or replace any warranted parts or components that fail due to such defects in material or workmanship. ATTC must be notified within thirty (30) days of such defect or failure, at which tme ATTC will determine if a Return Goods Authorizaton (RGA) is justified and issue an RGA number, authorizaton of a RGA number shall not be unreasonably withheld. ATTC will supply a RGA form, which must be included with the returned products for inspection by ATTC. Shipping and packing costs shall be the responsibility of the party returning the goods. Once received, ATTC shall inspect and determine if a warranty claim is justified and at ATTC’s sole discreton authorize a repair or replacement. Once authorizaton has been granted ATTC shall provide instructons on the warranty claim procedures to be followed. Where authorized, repair or replacement constitutes the sole remedy for breach of warranty and expressly excludes claims for lost revenue, down tme and other consequential damages. The warranty is limited to the conditons stated above and excludes, to the fullest extent permitted by law, all conditons, warranties and representatons express or implied by statue, law or otherwise in relaton to the supply or delay in supplying the goods/services. There are no agreements, promises or understandings, either verbal or written that are not fully expressed in this warranty. This warranty may be amended or altered only if agreed to in writing and signed by ATTC.

New for for ESAB® PT-36, PT36XR & PT600!

**CleanCut**™

**Next-Generation Plasma Consumables**  
From American Torch Tip

**BURN LONGER.  
CUT CLEANER.**

**CleanCut**™

*Designed to Work Together*

**CleanCut™ Electrode**

**Extend Electrode Life**

- More efficient cooling
- Extended hafnium electrode life
- 25% – 50% longer production time

**Prevent Nozzle Damage**

- Cooler silver electrodes diminish nozzle damage
- Nozzles paired with silver electrodes last longer

**CleanCut™ Rocket Nozzle**

(patent pending)

**Supercharge the Plasma Arc**

- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

**CleanCut**™

Click here to sign up for a **FREE TRIAL!**

**AMERICAN  
TORCH TIP ATTC**™

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