

PLASMA

TORCHES & CONSUMABLES



TORCHES
CONVERSION KITS
CONSUMABLES
REPLACEMENT PARTS

American Torch Tip *PHD*[®], *PHDX*[™] and Most Other Brands
Made In the USA

AMERICAN
TORCH TIP **ATTC**[®]

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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 ₂	Air	Mild Steel	Standard Cutting
90-7902	200	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7903	130	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7904	80	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7905	50	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7907	260	260X	O ₂	Air	Mild Steel	Bevel Cutting
90-7910	130	260X	O ₂	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
Mild Steel							
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
Stainless Steel							
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
Aluminum							
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**)



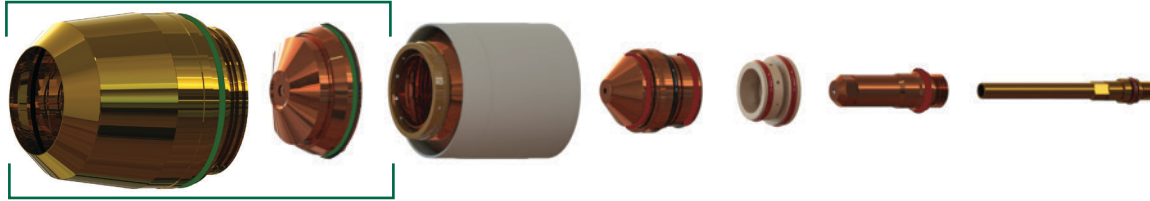
† Shield Cap and Shield must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel							
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
Stainless Steel							
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
Aluminum							
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

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

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

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



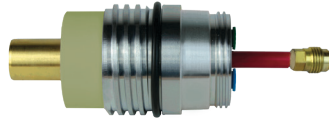
† Shield Cap and Shield must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel - Beveling							
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
Stainless Steel - Beveling							
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 ₂	Air	Mild Steel	Straight & Bevel Cutting
90-7901	260 amp	400X	O ₂	Air	Mild Steel	Standard Cutting
90-7902	200 amp	400X	O ₂	Air	Mild Steel	Standard Cutting
90-7903	130 amp	400X	O ₂	Air	Mild Steel	Standard Cutting
90-7904	80 amp	400X	O ₂	Air	Mild Steel	Standard Cutting
90-7905	50 amp	400X	O ₂	Air	Mild Steel	Standard Cutting
90-7907	260 amp	400X	O ₂	Air	Mild Steel	Bevel Cutting
90-7910	130 amp	400X	O ₂	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
Mild Steel							
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
Stainless Steel							
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
Aluminum							
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.

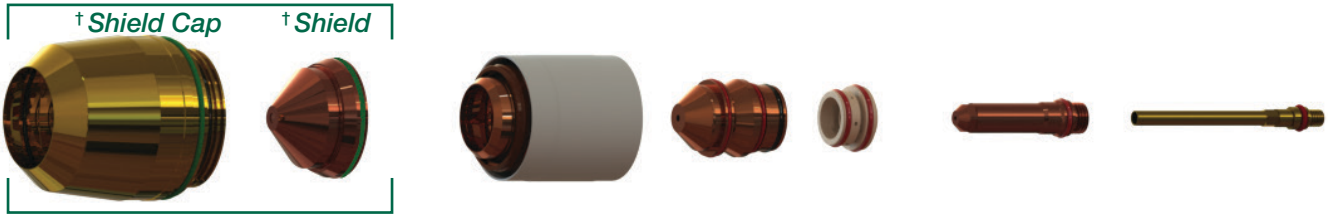
Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel							
200	90-0637	90-0761	*220757	90-0354	90-0353	90-0352 90-0666 (silver)	90-0340
260	90-0637	90-0764	*220760	90-0439	90-0436	90-0435 90-0668 (silver)	90-0340
Stainless Steel							
200	90-0637	90-0762	*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
Aluminum							
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[®]) **

400 PHDX™ SERIES (50 – 130 AMP) CONSUMABLES



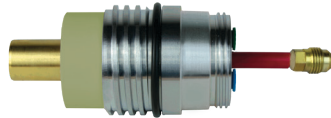
† These 2 parts (Shield Cap and Shield) must be used in combination for proper operation.

Amperage	† Shield Cap	† Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel - Beveling							
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
Stainless Steel - Beveling							
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[®]

PHD[®] 260 (50 – 260 AMP) TORCH CONVERSION KITS

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

Made in the U.S.

Engineered and manufactured to stringent tolerances

Kit Includes

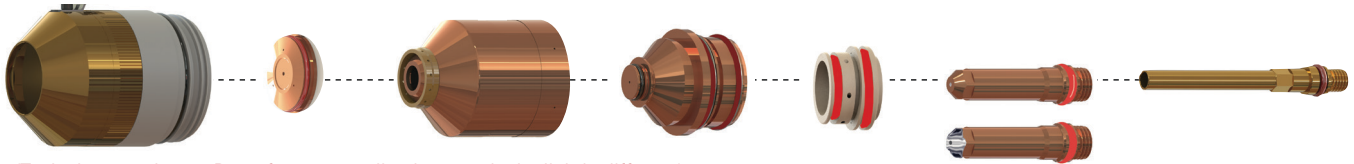
- 1 Quick Disconnect Torch
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Inner Retaining Cap
- 2 Shields
- 1 Outer Retaining Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicon Lubricant
- 1 O-ring Kit



AMERICAN TORCH TIP - PHD®

PHD® 260 (30 – 130 AMP) CONSUMABLES

(To be used with HPR® 260)

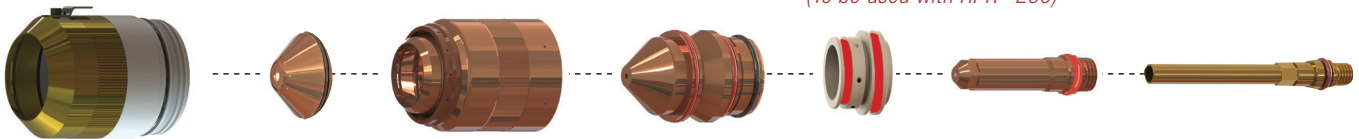


(Typical setup shown. Parts for your application may look slightly different)

Amps	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel							
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
Stainless Steel							
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
Aluminum							
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® 260)



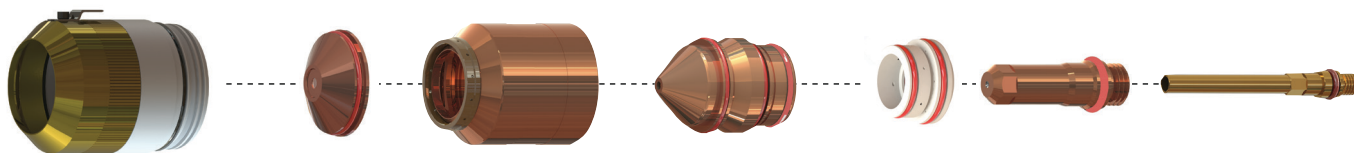
(Typical setup shown. Parts for your application may look slightly different)

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

AMERICAN TORCH TIP - PHD®

PHD® 260 (200– 260 AMP) CONSUMABLES

(To be used with HPR® 260)



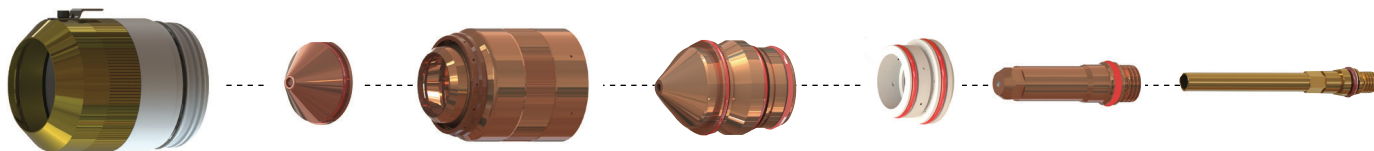
(Typical setup shown. Parts for your application may look slightly different)

PLASMA

Amps	Outer Retainer	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	Water Tube
Mild Steel							
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
Stainless Steel							
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
Aluminum							
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
Mild Steel - Beveling							
260	60-0398	60-0545	60-0603	60-0542	60-0436	60-0541	60-0571
Stainless Steel - Beveling							
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!](#)

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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™

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 ₂	Air	Mild Steel
55-9903	100-130	2000	O ₂	Air	Mild Steel
55-9905	50	2000	O ₂	O ₂	Mild Steel
55-9908	200	2000	O ₂	Air	Mild Steel
55-9910	100-130	2000	O ₂	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

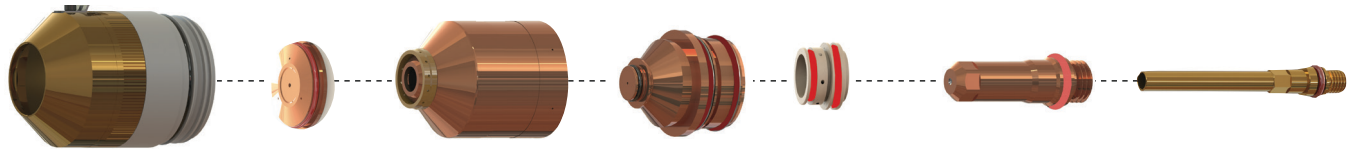
- 1 Quick Disconnect Torch
- 1 Torch Receptacle
- 10 Electrodes
- 10 Nozzles
- 2 Swirl Rings
- 1 Inner Retaining Cap
- 2 Shields
- 1 Outer Retaining Cap
- 1 Consumable Removal Tool
- 1 Water Tube Removal Tool
- 1 1/4oz. Silicon Lubricant
- 1 O-ring Kit
- 1 Torch For Life Warranty



AMERICAN TORCH TIP - PHD®

PHD® 2000 (40 – 100 AMP) COMPLETE KITS

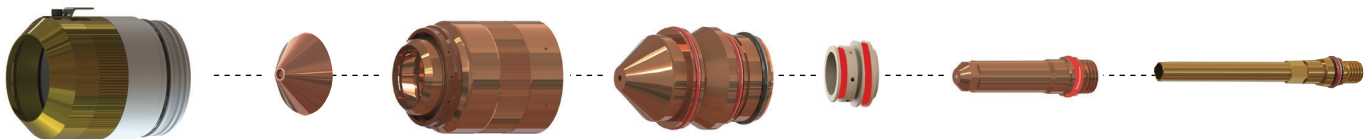
PHD 2000 (40 – 100 AMP) CONSUMABLES



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
Mild Steel							
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
Stainless Steel							
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
h							
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
Mild Steel							
130	55-0398	55-0645	55-0603	55-0646	55-0179	55-0649	60-0700
Stainless Steel							
130	55-0398	55-0609	55-0608	55-0656	55-0179	55-0606	60-0571

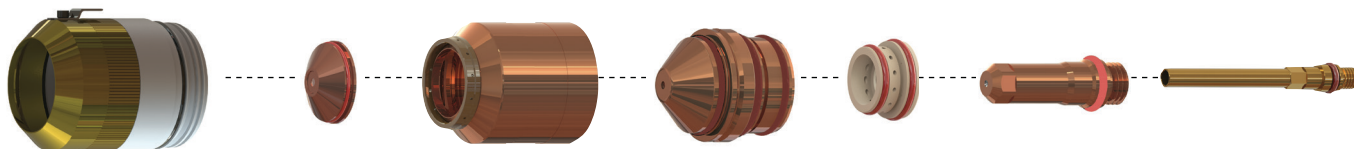
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AMERICAN TORCH TIP

PLASMA

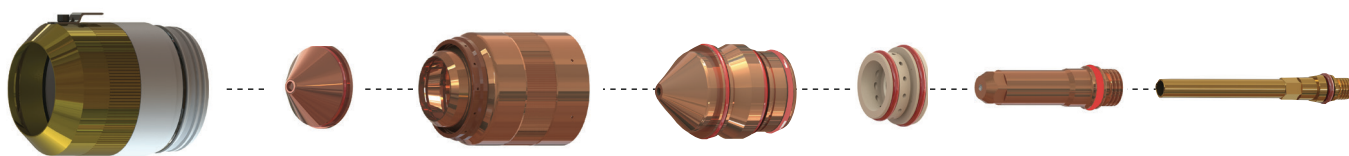
PHD 2000 (200 AMP) CONSUMABLES



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
Mild Steel							
200	55-0398	55-0440	55-0433	55-0439 (2000) 55-0200 (200)	55-0436	55-0435	60-0340
Stainless Steel							
200	55-0398	55-0407	55-0344	55-0406	55-0405	55-0307	60-0340
Aluminum							
200	55-0398	55-0440 Air 55-0407 N ₂	55-0433 Air 55-0344 N ₂	55-0200 Air 55-0406 N ₂	55-0436 Air 55-0405 N ₂	55-0435 Air 55-0307 N ₂	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
Mild Steel							
260	55-0998	55-0545	55-0603	55-0542	55-0436	55-0541	60-0571
Stainless Steel							
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

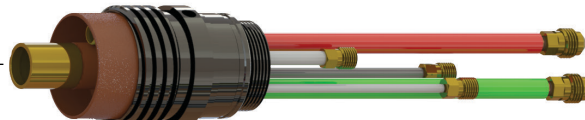
PHD 2000 REPLACEMENT PARTS & ACCESSORIES

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

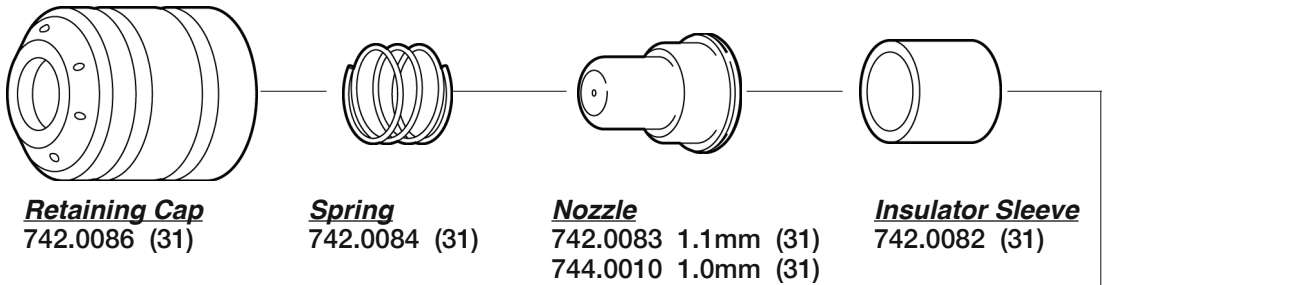
Tools

60-0000	Water Tube Wrench
60-4119	Consumable Tool

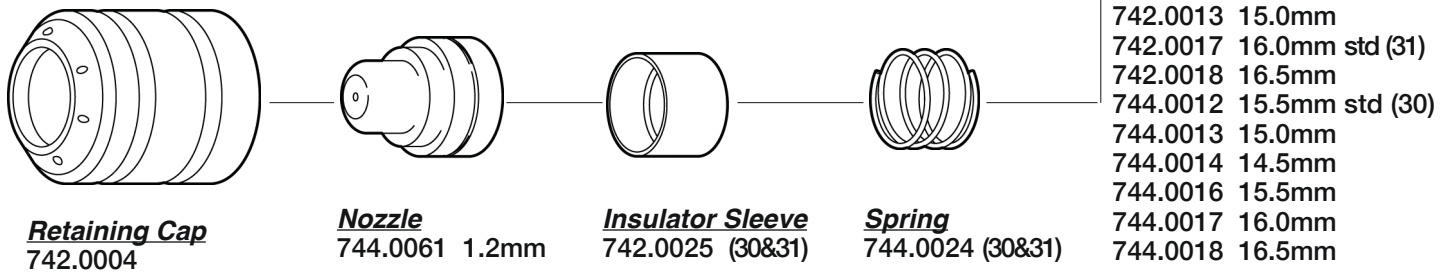
BINZEL®

BINZEL® 30 & 31

OLD STYLE



NEW STYLE



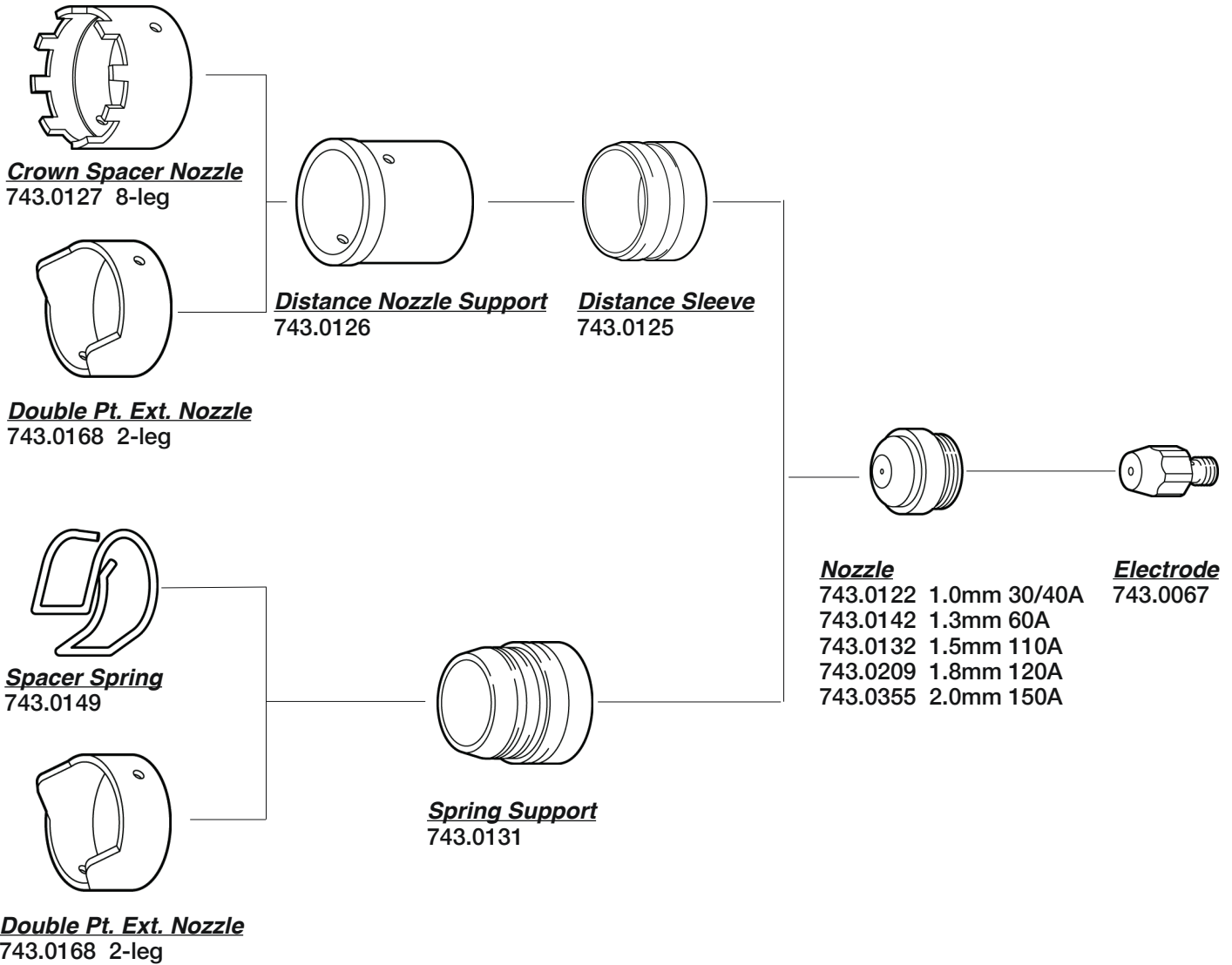
Not Shown

744.0011 Retaining Cap (old)

BINZEL[®]

BINZEL[®] 80 & 120

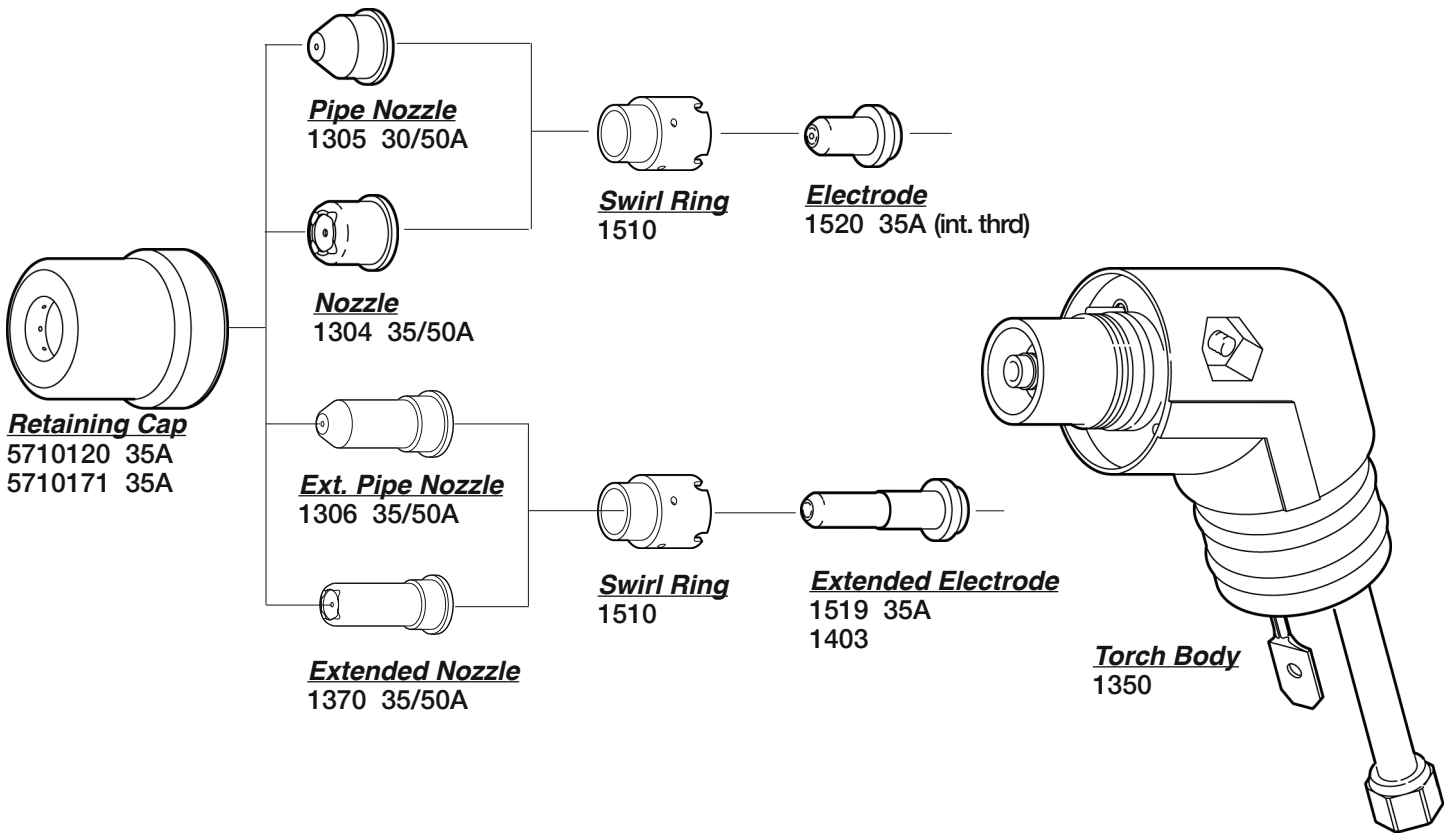
PLASMA



CEBORA®

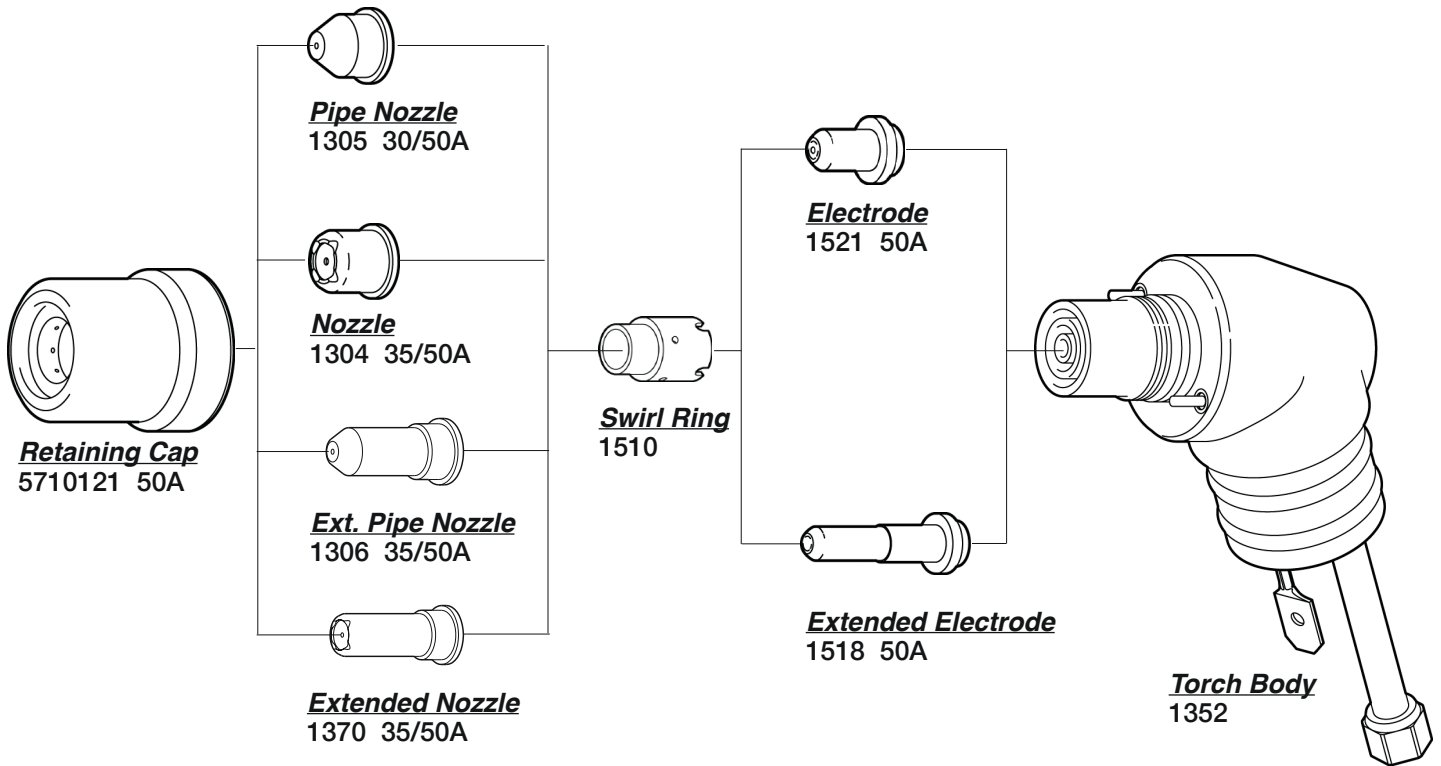
CEBORA® 20-35

PLASMA



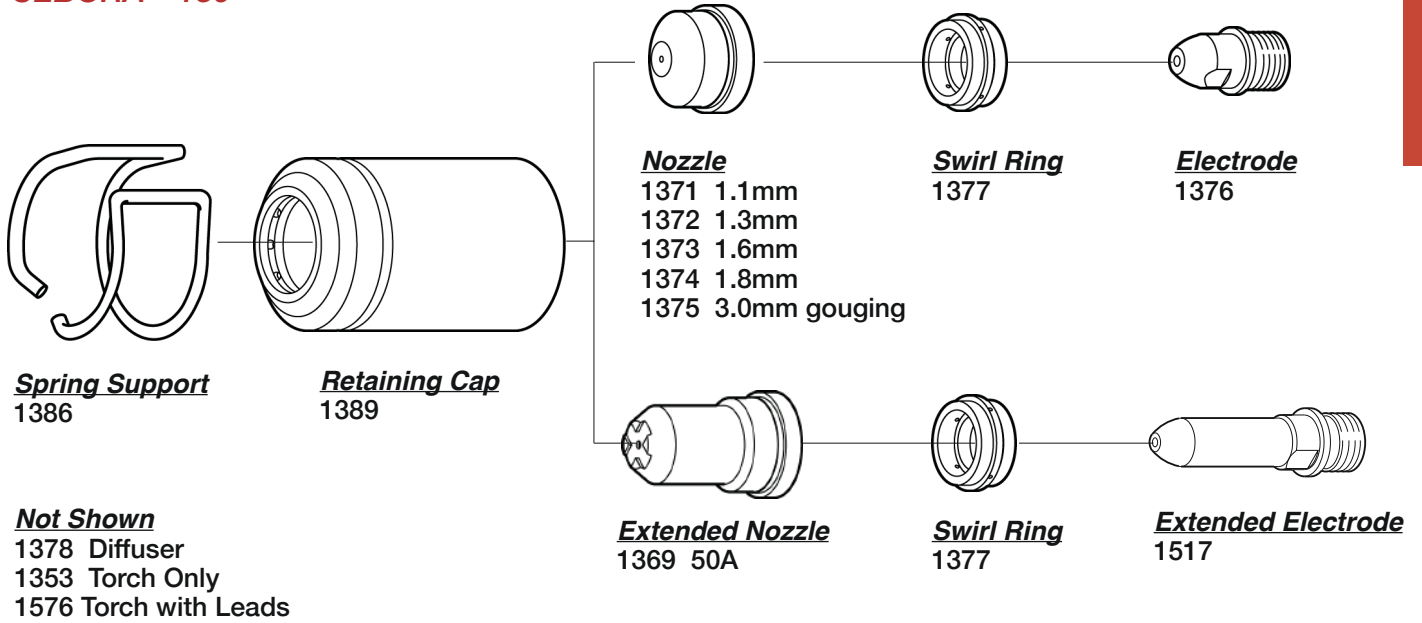
CEBORA[®]

CEBORA[®] 20-50

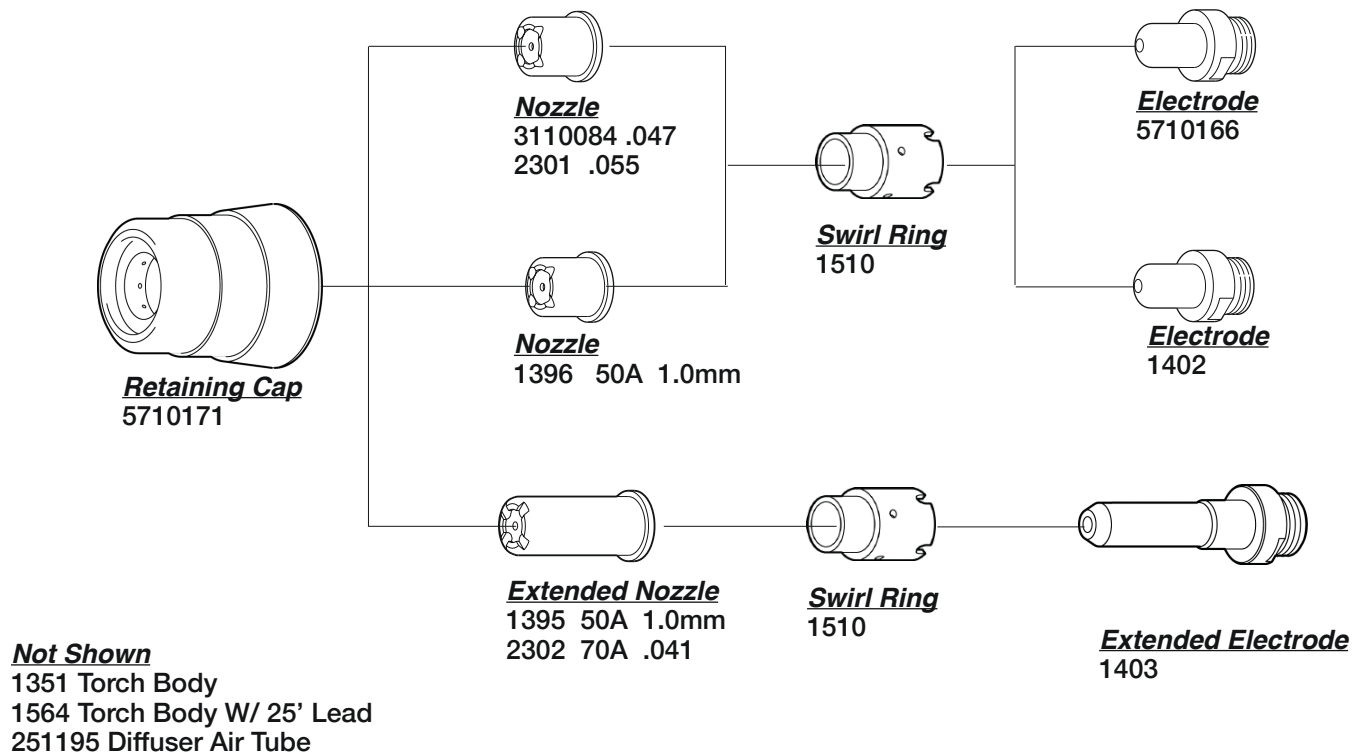


CEBORA®

CEBORA® 150

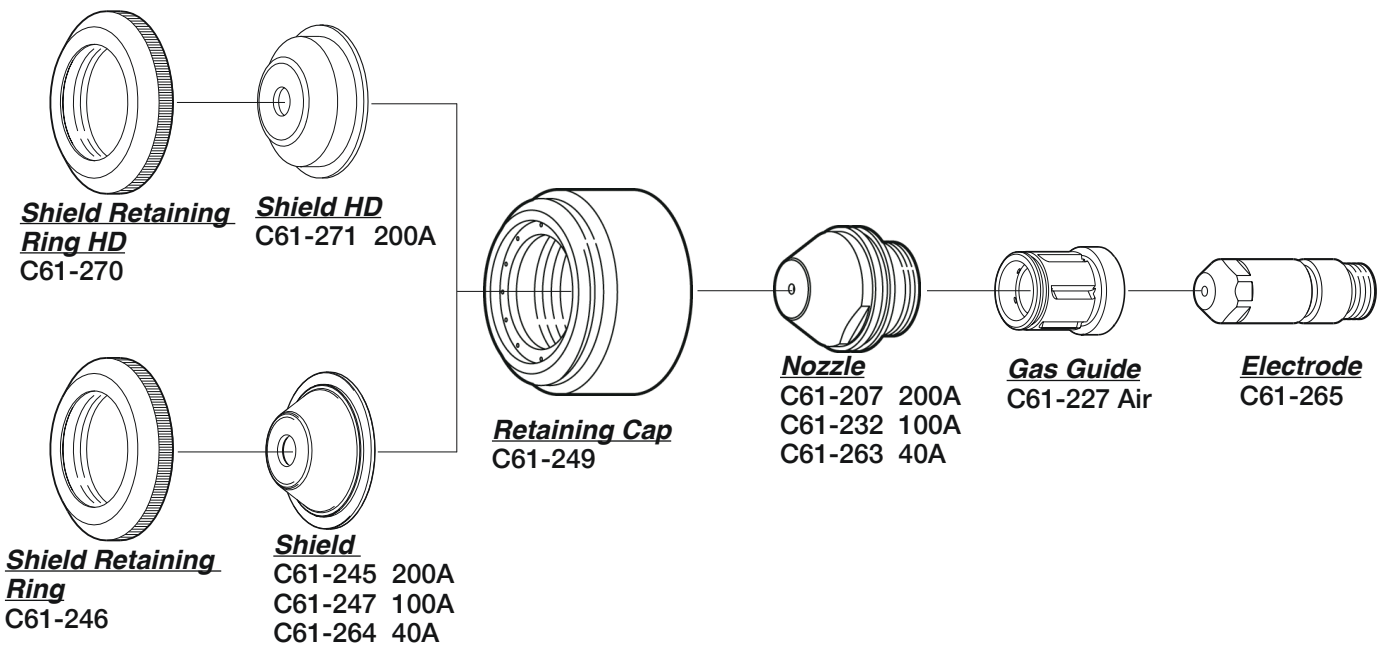


CEBORA® A-70



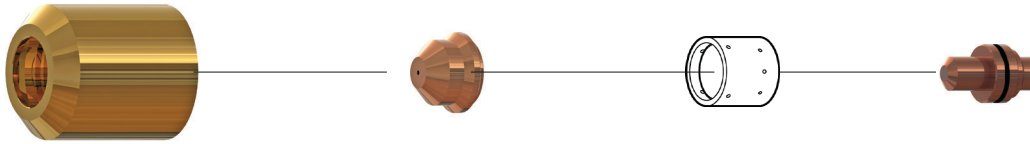
CENTRICUT[®]

CENTRICUT[®] SE200



CENTURY®

CENTURY® 20-20



Retaining Cap
334-266-100

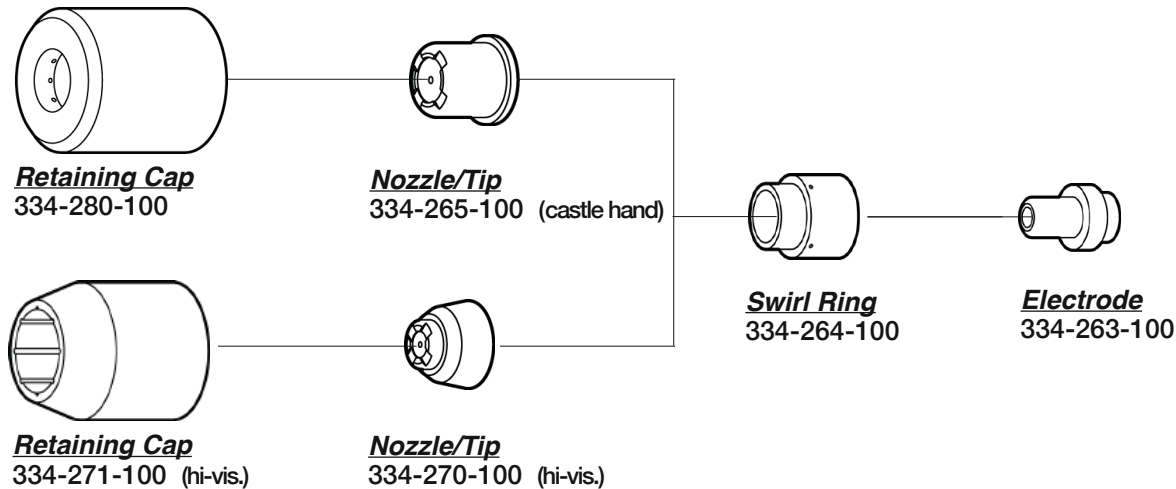
Nozzle/Tip
334-279-100

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)

Swirl Ring
334-264-100

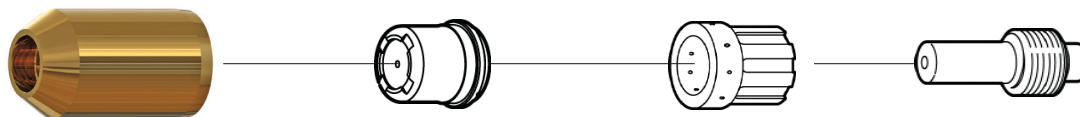
Electrode
334-263-100

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

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

Not Shown
512-087-100 O-Ring

CENTURY® 20-50



Retaining Cap
334-290-905

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

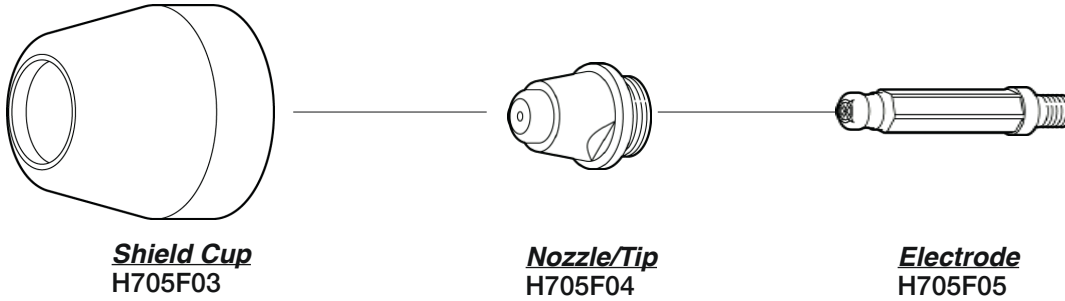
Swirl Ring
334-288-905

Electrode
334-287-905

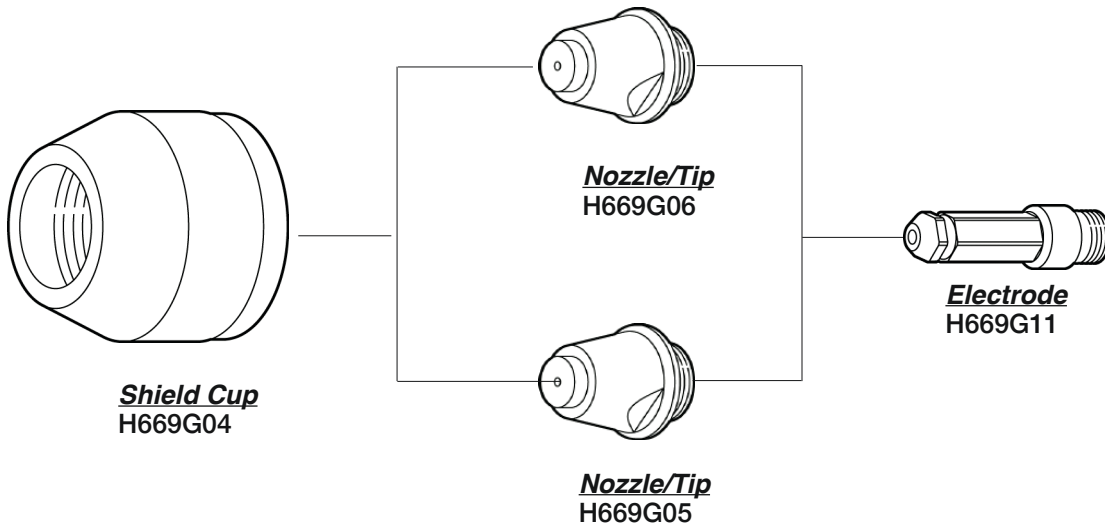
Not Shown
512-087-100 O-Ring

DAIHEN[®]

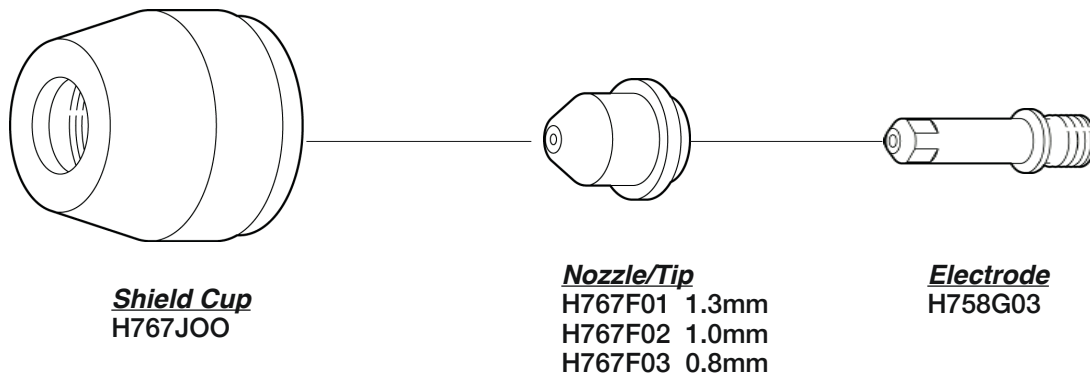
DAIHEN[®] 30



DAIHEN[®] 70



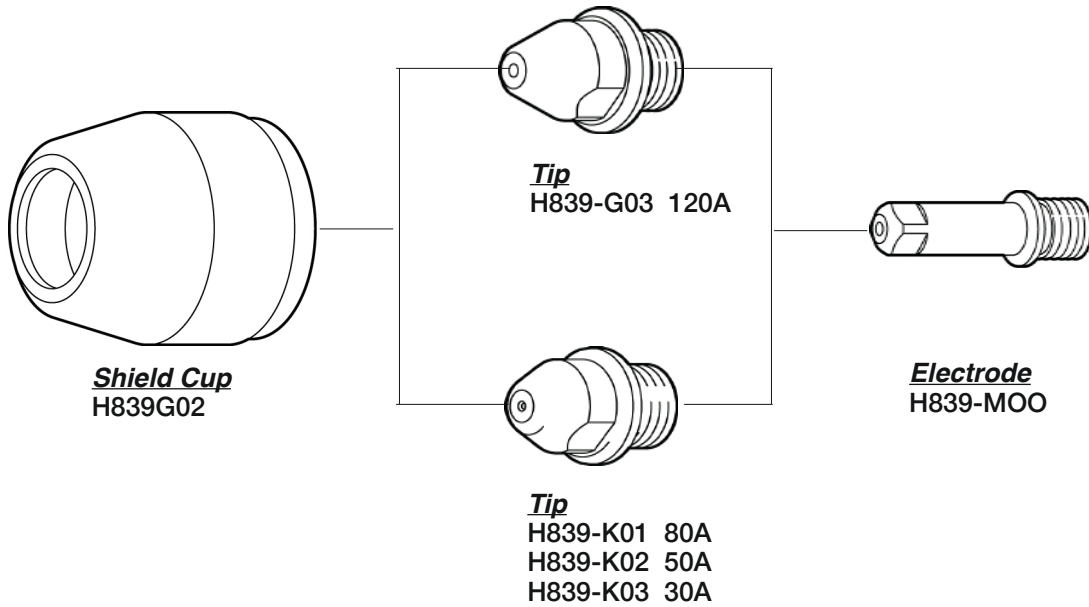
DAIHEN[®] 80



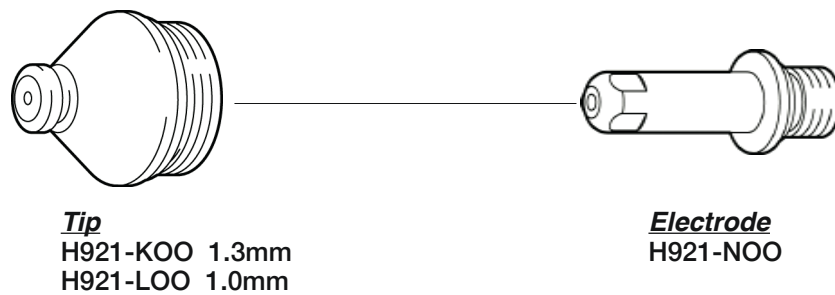
DAIHEN[®]

DAIHEN[®] CT120

PLASMA

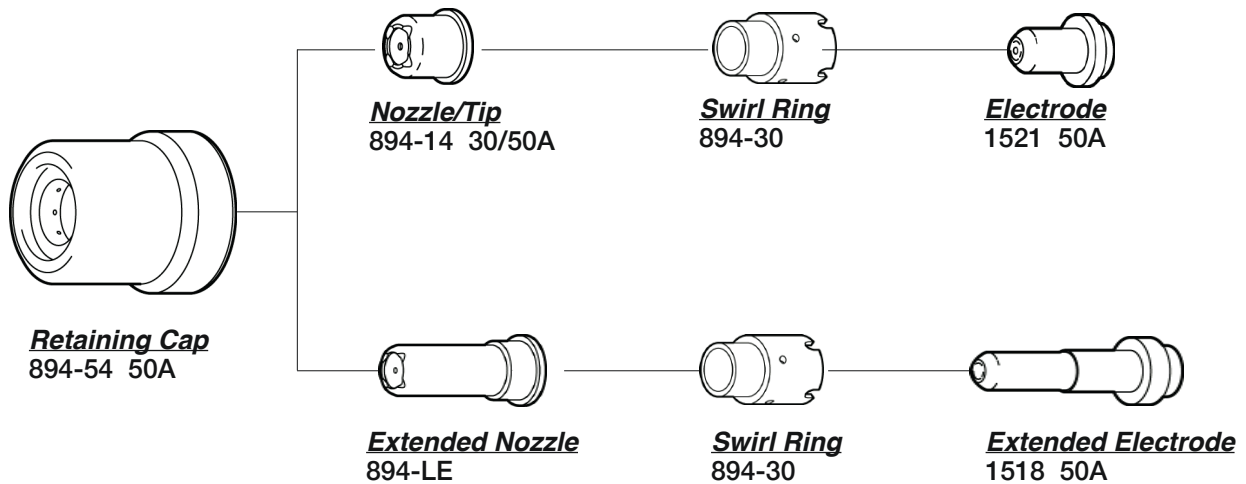
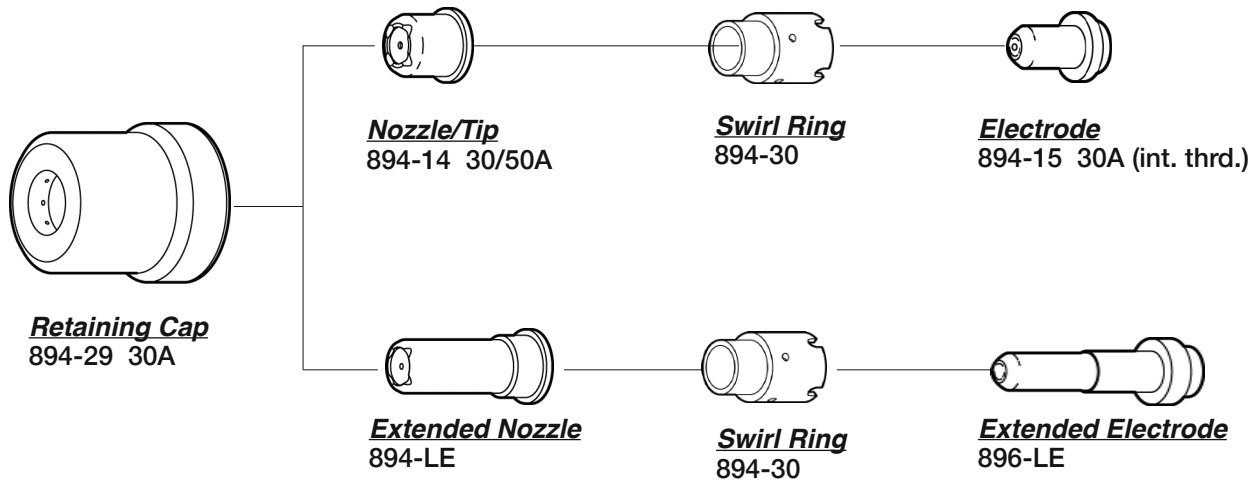


DAIHEN[®] GCPT1201



DAYTONA MIG[®]

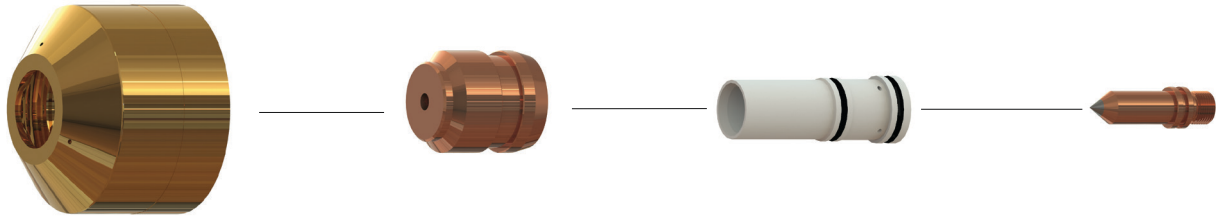
DAYTONA MIG[®] 20/35 20/50



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ESAB/L-TEC® PT-7/11

PLASMA



Retaining Cap
598714

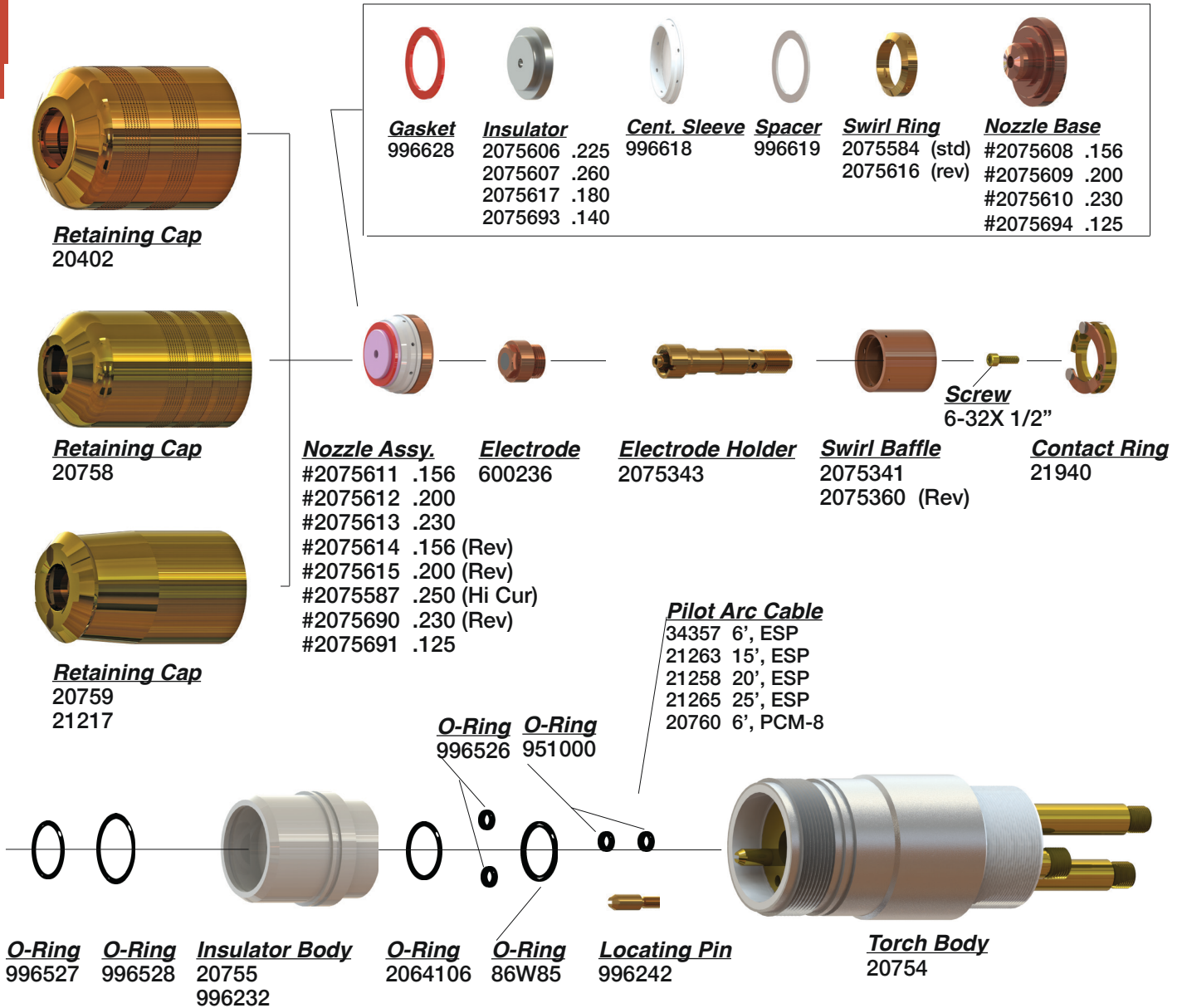
5X12 Nozzle
598728

Plenum Chamber
598711 .042
598911 .062

Electrode
598713
599043

ESAB/L-TEC[®]

ESAB/L-TEC[®] PT-15XL FOR NITROGEN

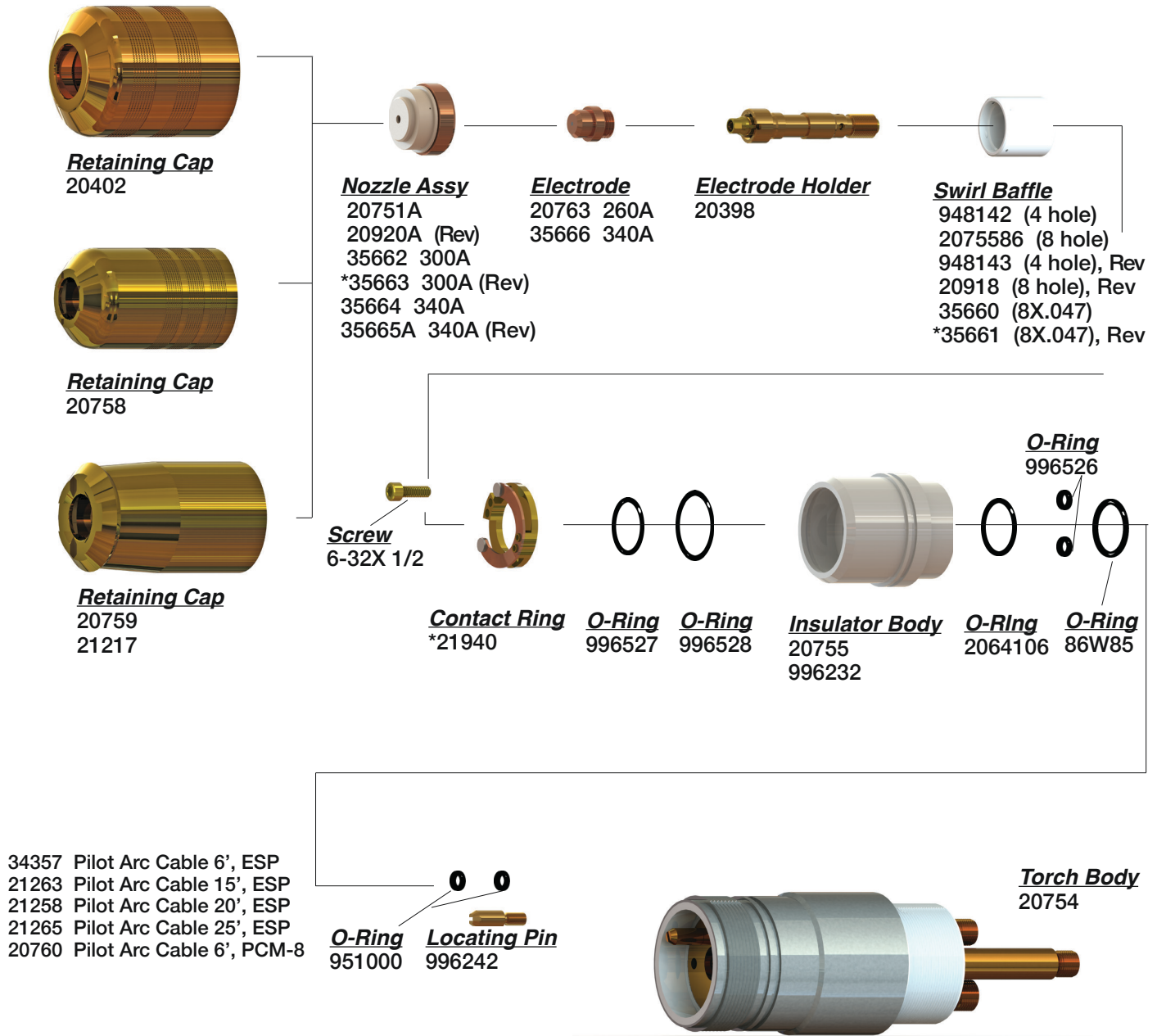


Not Shown

- 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



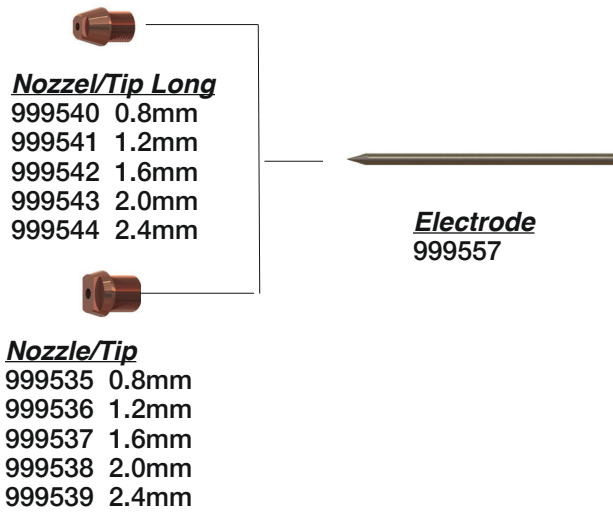
- 34357 Pilot Arc Cable 6', ESP
- 21263 Pilot Arc Cable 15', ESP
- 21258 Pilot Arc Cable 20', ESP
- 21265 Pilot Arc Cable 25', ESP
- 20760 Pilot Arc Cable 6', PCM-8

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

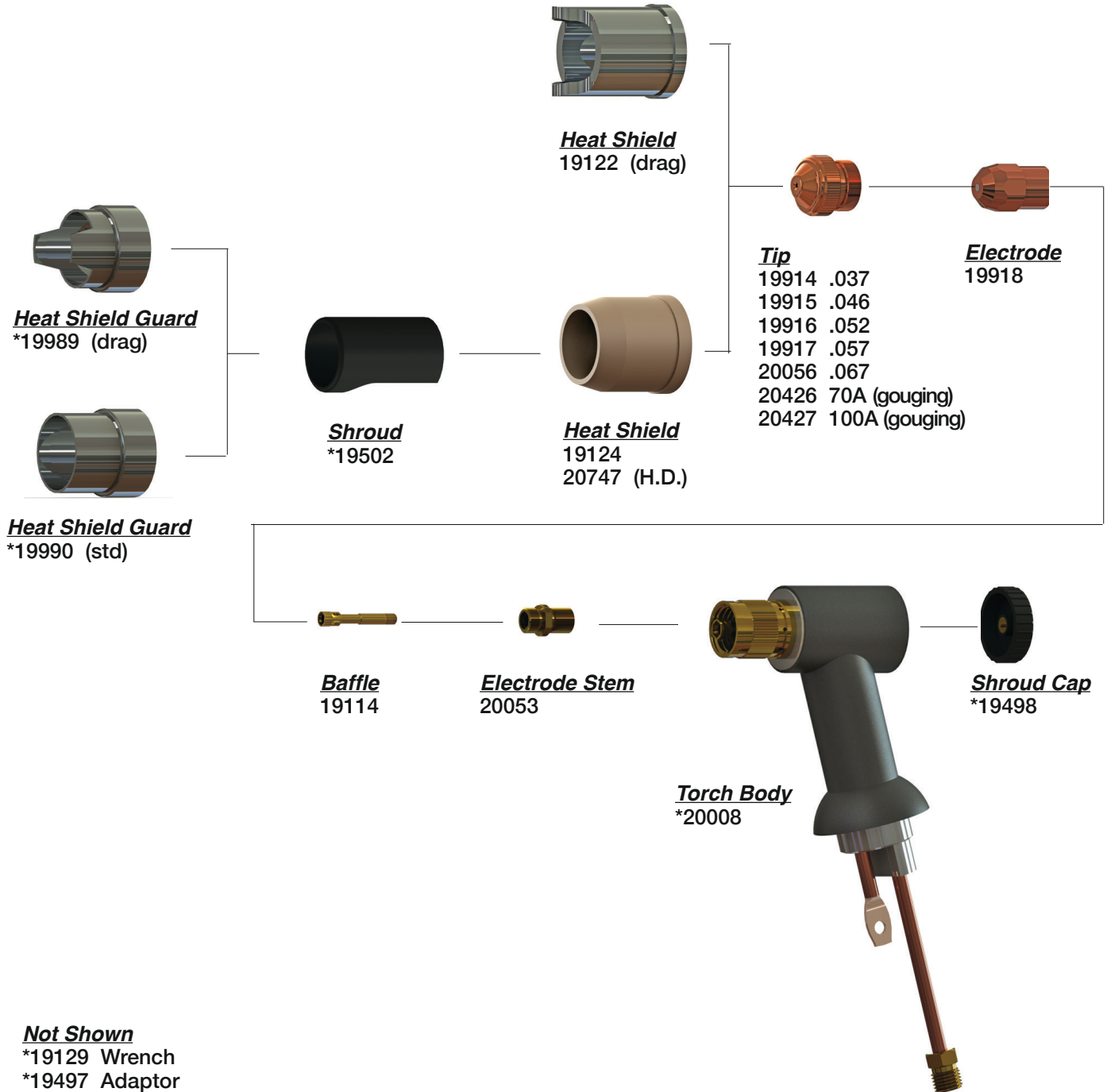
ESAB/L-TEC[®]

ESAB/L-TEC[®] PT-16



ESAB/L-TEC®

ESAB/L-TEC® PT-17A

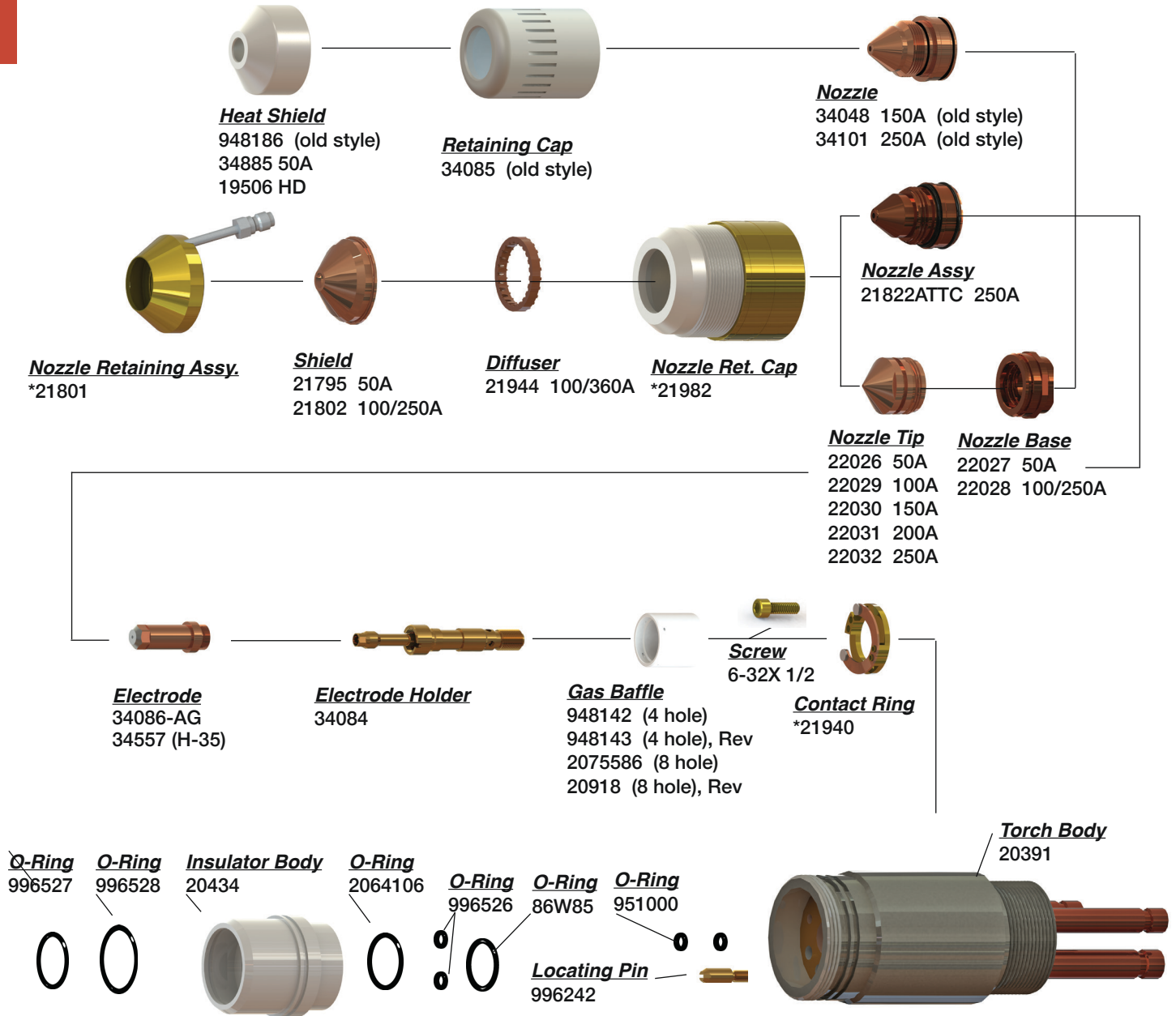


Not Shown

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

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ESAB/L-TEC[®] PT-19XL



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are available for the PT-19XL.
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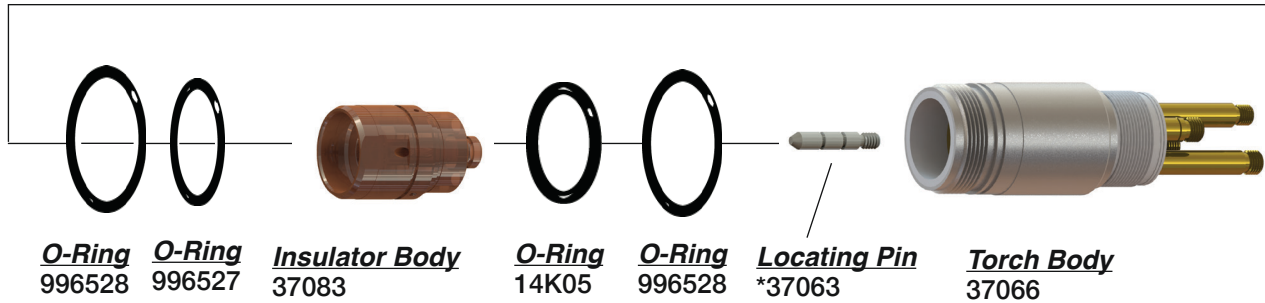
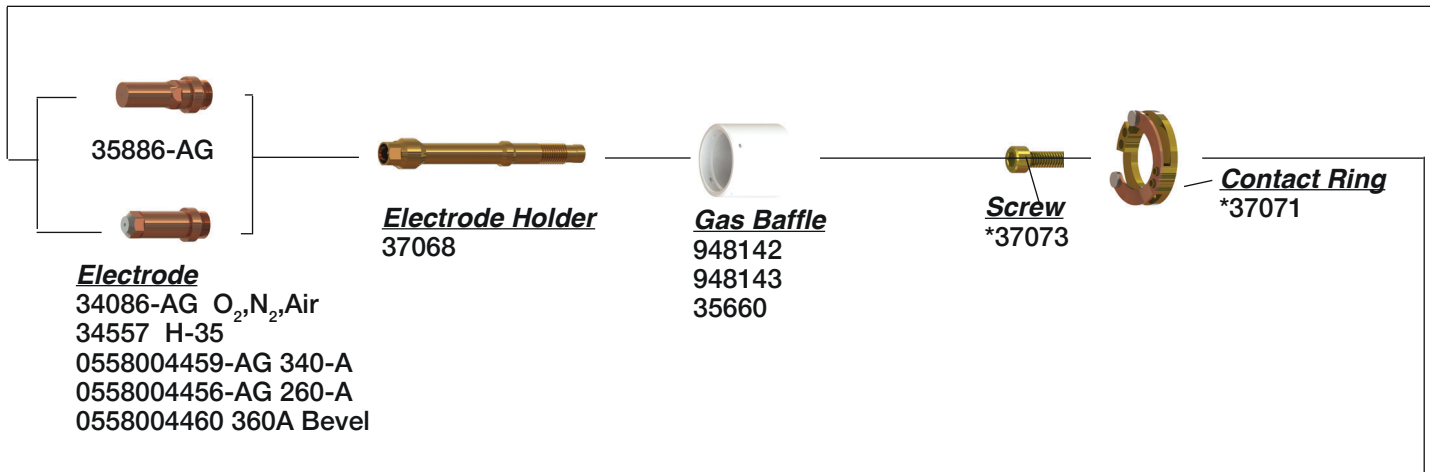
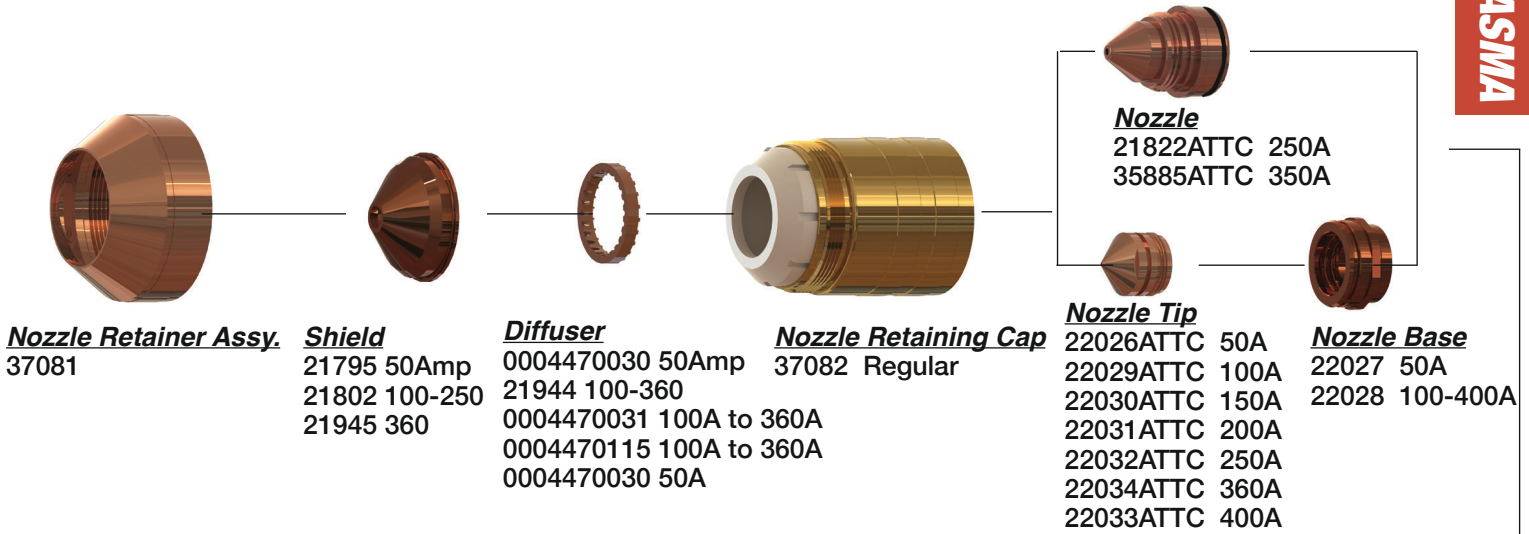
Not Shown
22195 Nozzle 400 Amp
22196 Electrode 400 Amp
34357 Pilot Arc Cable 6'
21551 Sleeve-Air Curtain Long
other lengths available

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ESAB/L-TEC® PT-19XLS

PLASMA



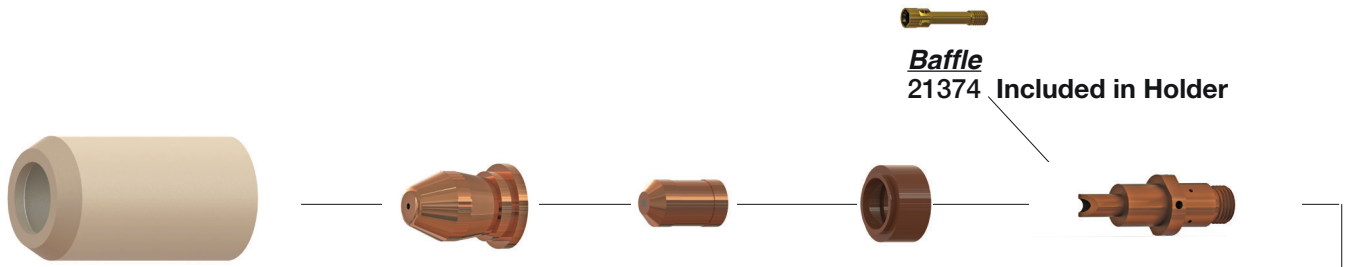
Not Shown

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

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ESAB/L-TEC[®] PT-20AM



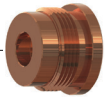
Heat Shield
21326 70/100A
21447 50A

Nozzle
21328 100A
21329 70A
21330 50A

Electrode
21150
*0558001617 3 Slot

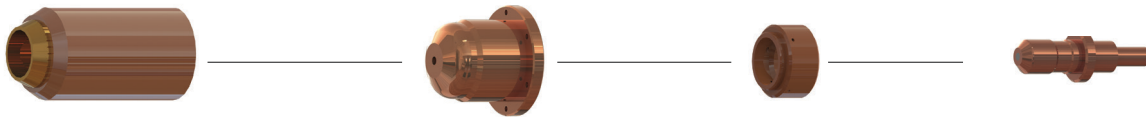
Insulator
21373

Electrode Assy. Holder
21332



Electrode Seat
21372

ESAB-L-TEC[®] PT-20M



Heat Shield
20584

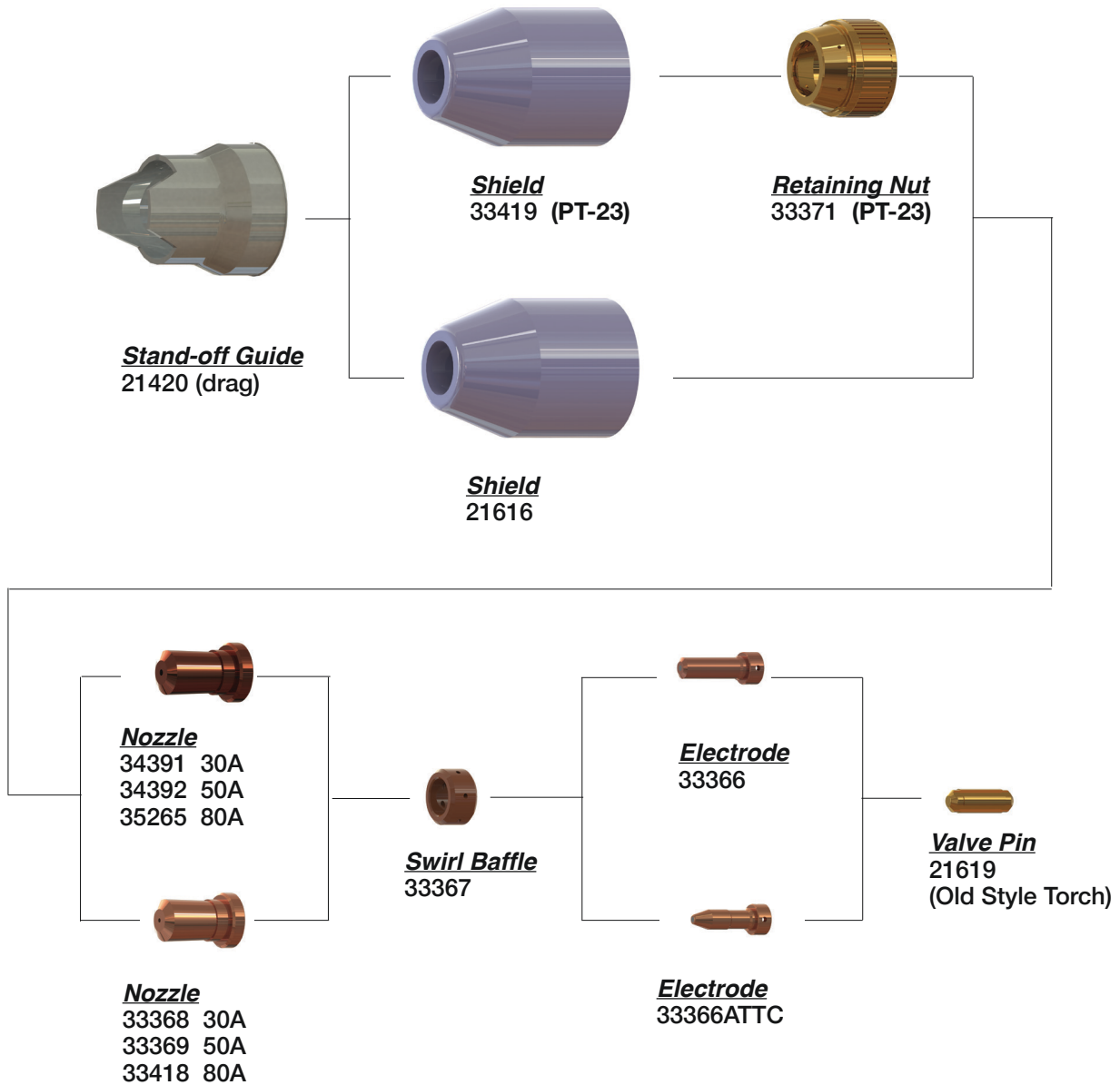
Nozzle
20587 100A
20588 70A
20589 50A
20590 30A

Baffle
20592

Electrode
20591

ESAB/L-TEC®

ESAB/L-TEC® PT-23 & 27

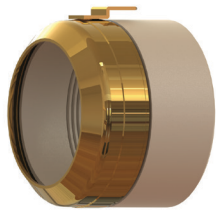


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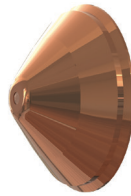
- *21610 Torch Body
- *21620 Torch 75° W/25' Lead, Arc Plug
- *21621 Torch 75° W/50' Lead, Arc Plug
- *21661 Torch 75° W/25' Lead, W/Ring Terminal
- *21662 Torch 75° W/50' Lead, W/Ring Terminal
- *0558003032 Electrode Seat

ESAB/L-TEC[®]

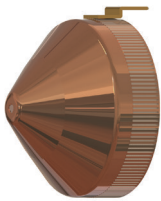
ESAB/L-TEC[®] PT-24



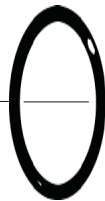
Shield Retainer
21693 (old style)



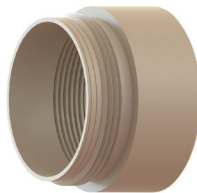
Shield Cup
22008 15/30A, (old style)
22009 50/100A, (old style)



Shield Retainer
22531



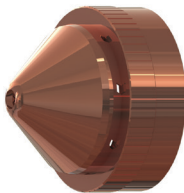
O-Ring
996528



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



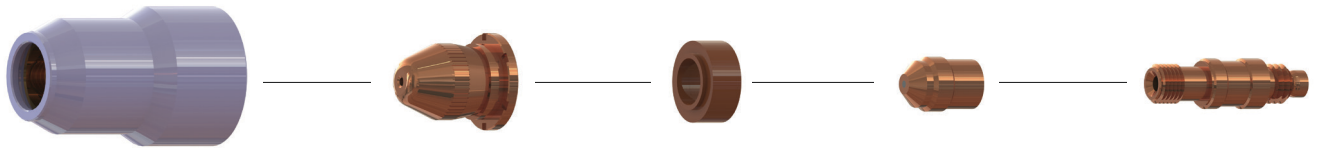
Water Baffle
21725

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

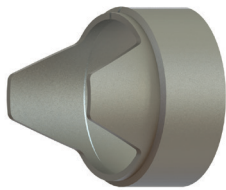
21657
0558000731

Not Shown

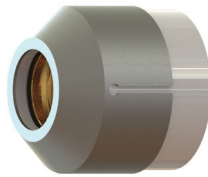
*21625 (Torch Head)
*344019 O-Ring
0558001457 Swirl Baffle

ESAB/L-TEC[®]

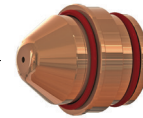
ESAB/L-TEC[®] PT-26



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

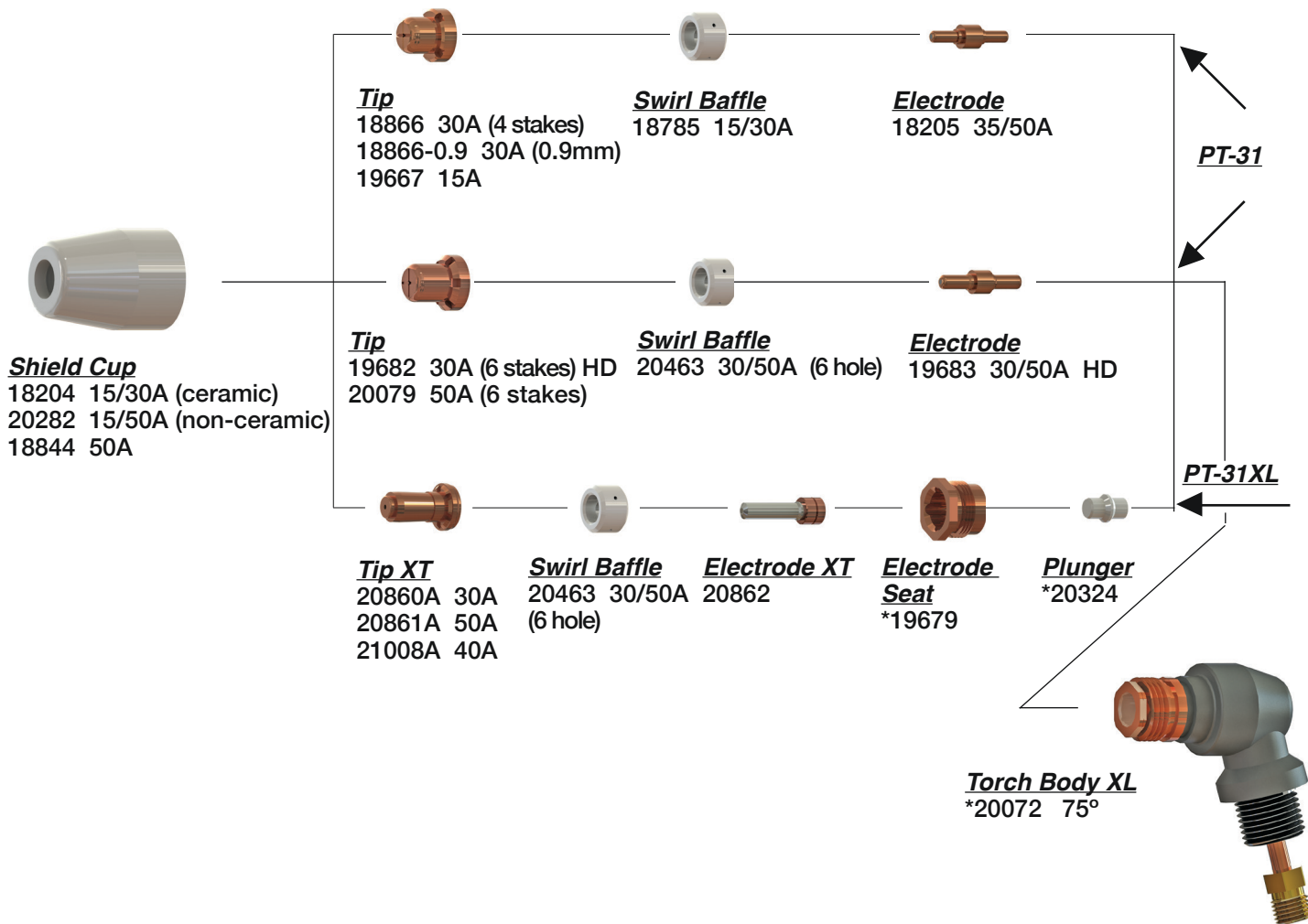
Not Shown

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

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ESAB/L-TEC® PT-31 & 31XL

PLASMA

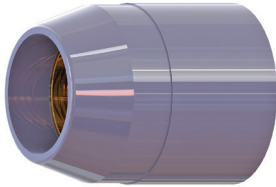


Not Shown

- *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[®]

ESAB/L-TEC[®] 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[®] PT-34



Heat Shield
20282



Nozzle
37887



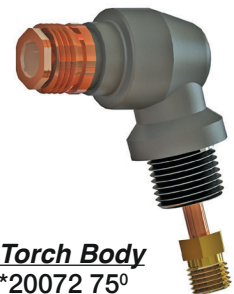
Swirl Baffle
18785



Electrode
37888



Seat
19679
(included w/head)

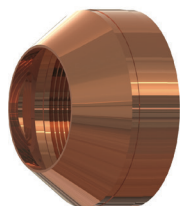


Torch Body
*20072 75⁰

ESAB/L-TEC®

ESAB/L-TEC® PT-36 (M3®)

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 are available for the PT-36 and PT-36XR.
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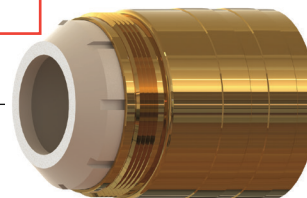
Shield Retainer
37081



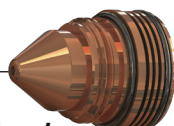
- Shield**
- 0558006130 3.0mm (.120)
 - 0558006141 4.1mm (.160)
 - 0558006166 6.6mm (.229)
 - 0558007624 2.4mm
 - 0558009425 2.5mm



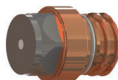
- Diffuser**
- 0004470030 (50A)
 - 0004470031 (100-600A)
 - *0004470115 (100-600A CCW)
 - 21944 (100-600A)
 - 22496 (100-600A CCW)



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)



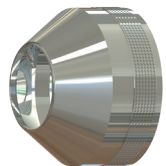
- Electrode**
- 0558003914-AG (50-450)
 - *0558005459ATTC (low curr)
 - 0558003928ATTC (N2/H35)



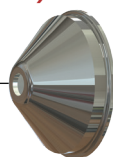
- Gas Baffle**
- 0558001625 (8 Hole)
 - 0558002530 (8 Hole rev.)
 - 0558002533 (4 Hole)
 - 0558002534 (4 Hole rev.)

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

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



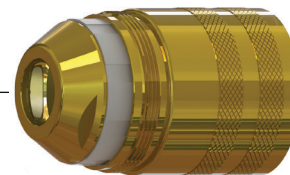
Shield Retainer
0558009548



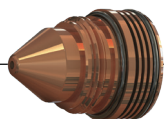
- Shield**
- 0558010766 6.6mm
 - 0558009551 4.1mm



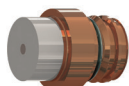
- Diffuser**
- 0004470030 (50A)
 - 0004470031 (100-600A)
 - *0004470115 (100-600A CCW)
 - 21944 (100-600A)
 - 22496 (100-600A CCW)



Retaining Cap
*0558009550



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



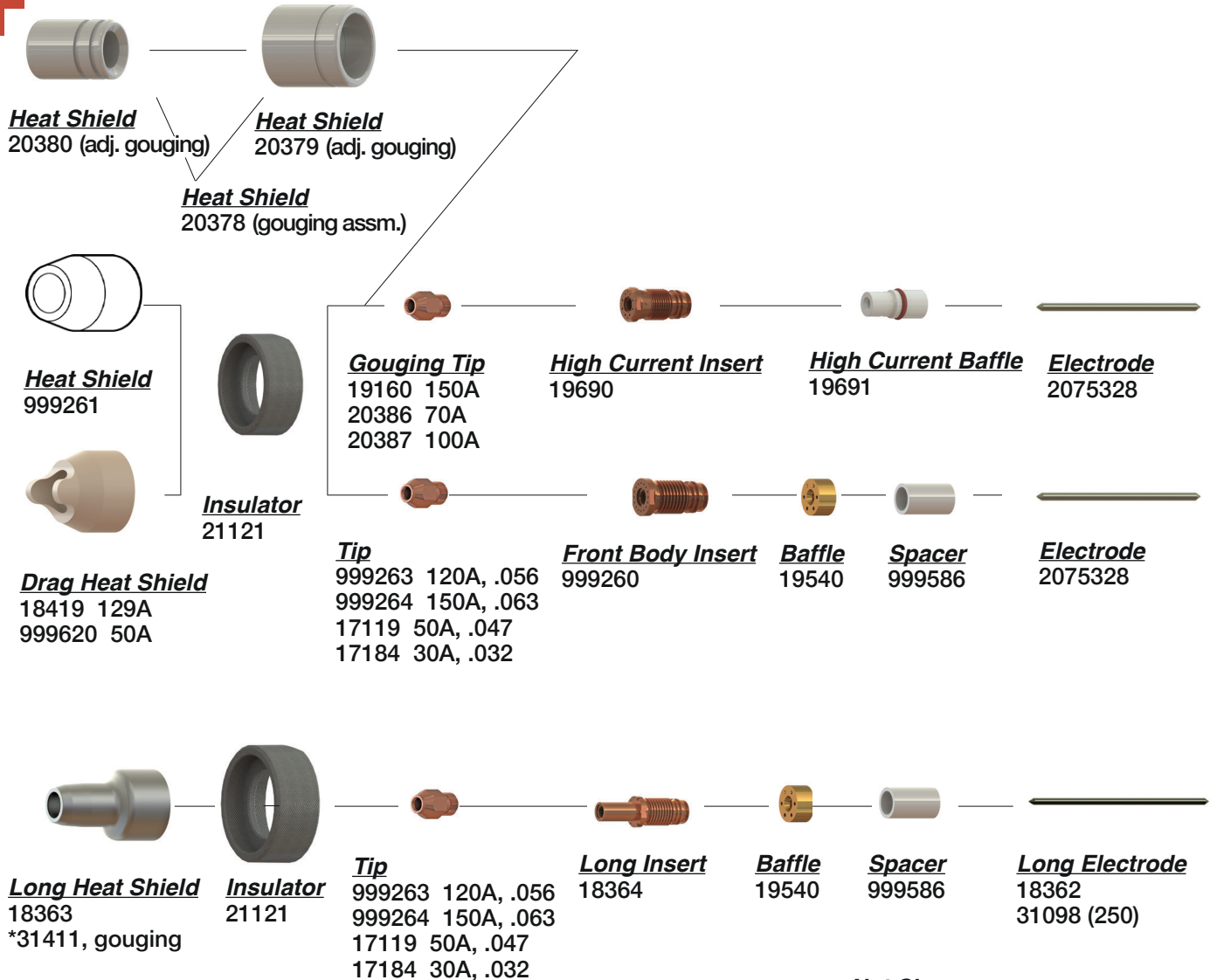
- Electrode**
- 0558012000ATTC (O₂)



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

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

PLASMA



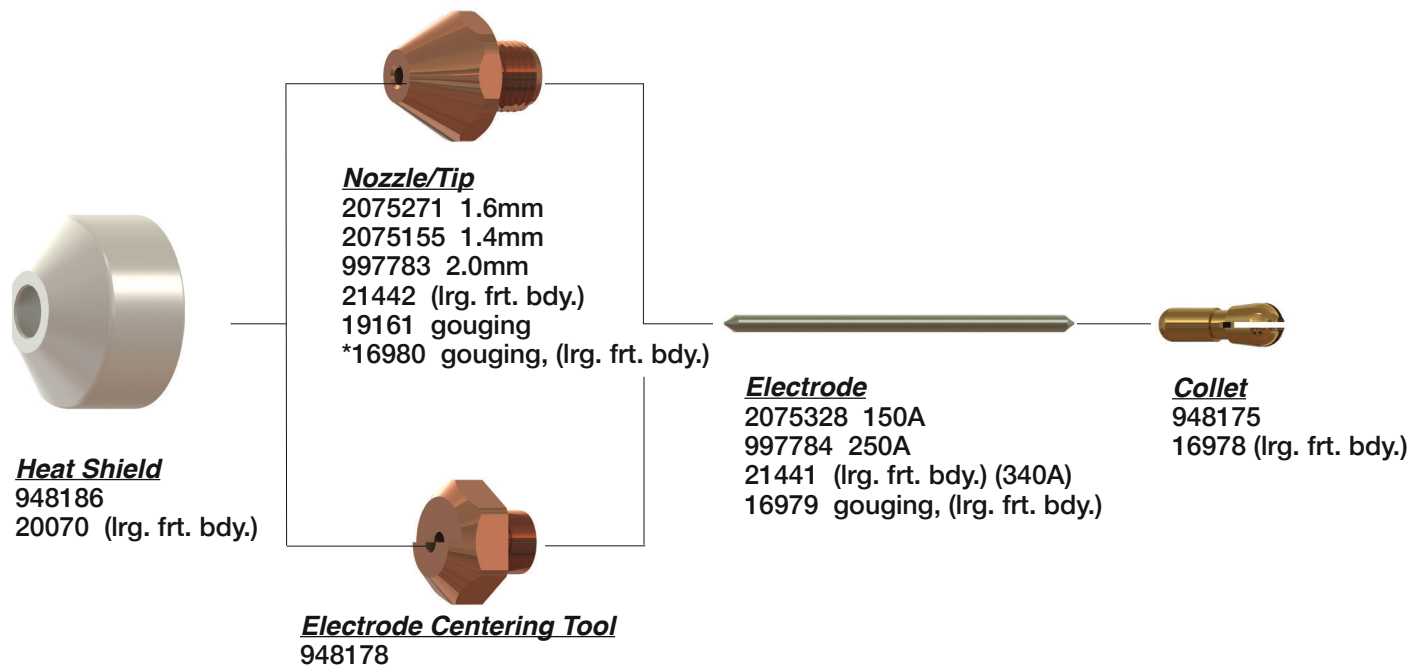
Not Shown

- 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

ESAB/L-TEC®

ESAB/L-TEC® PT-251

PLASMA



Not Shown

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

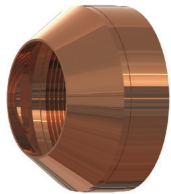
NOTE

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

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ESAB/L-TEC[®] PT-600



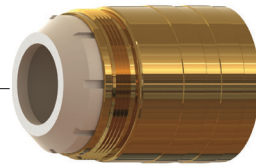
Shield Retainer
37081



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 (N₂, H-35)
0558002516-AG 360A
0558004461 250A
*0558004462 400A



Electrode Holder
0558001621



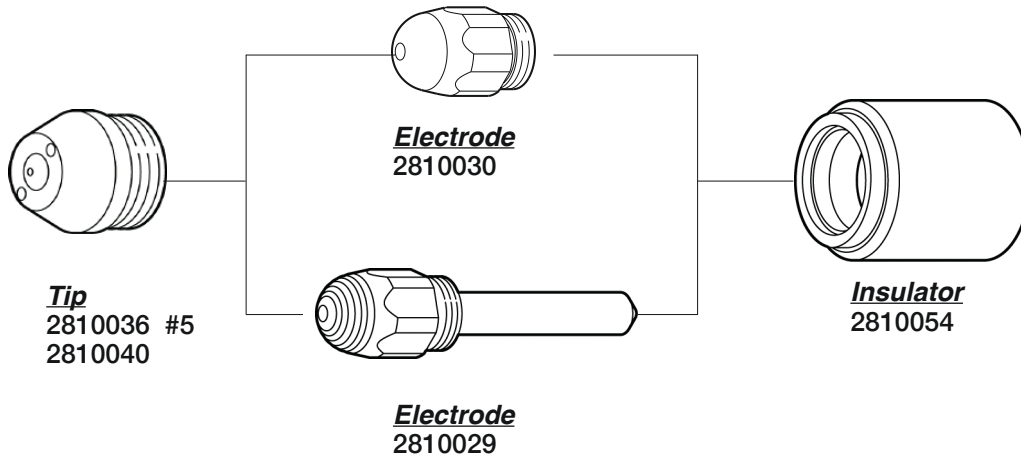
Gas Baffle
0558001625 (8 hole)
0558002530 (reverse)
0558002533 (4 hole)
0558002534 (4 hole rev.)
*0558005457 (4x.022)

Not Shown

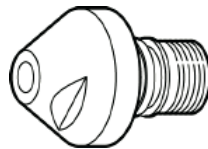
- *0558001626 Torch Sleeve
- *0558001628 Holder Removal Tool
- *0558001825 Torch Body
- *0558005306 Nozzle
- *0558001825 Nozzle Shield .160
- 0558002530 Swirl Baffle PT600 250A Rev

HARRIS®
HARRIS®

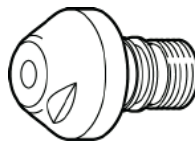
PLASMA



HETTIGER® NO.1



Tip
27.6mm X 4.0mm

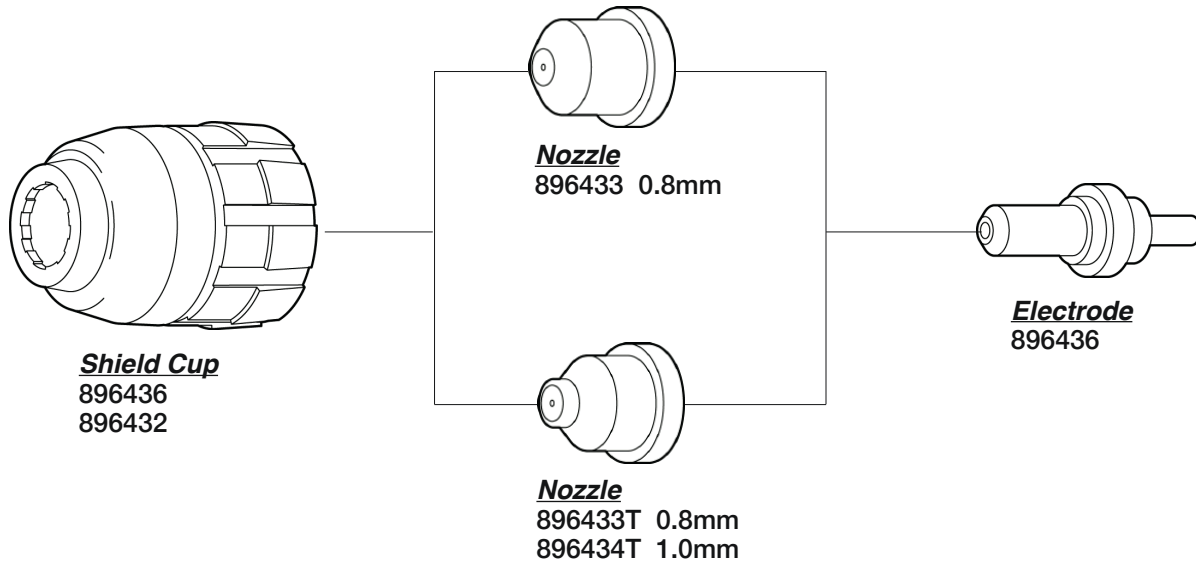


Tip
30.5mm X 4.0mm

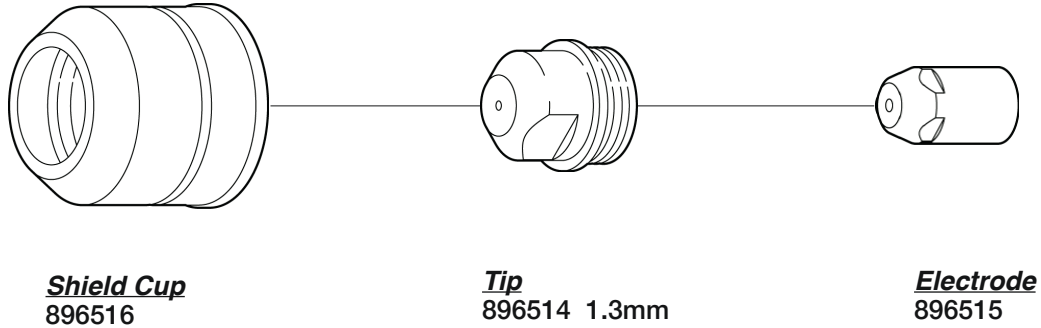
Not Shown
2810057 No Longer Available

HITACHI[®]

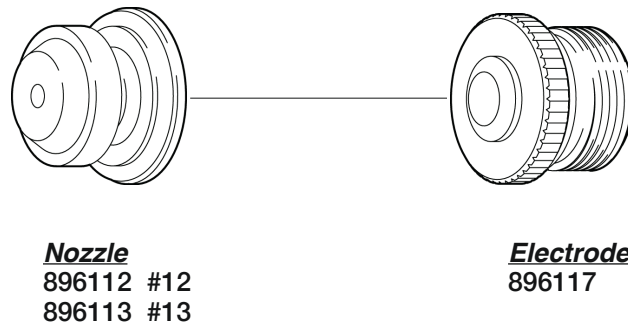
HITACHI[®] PTP-51



HITACHI[®] PTP-81

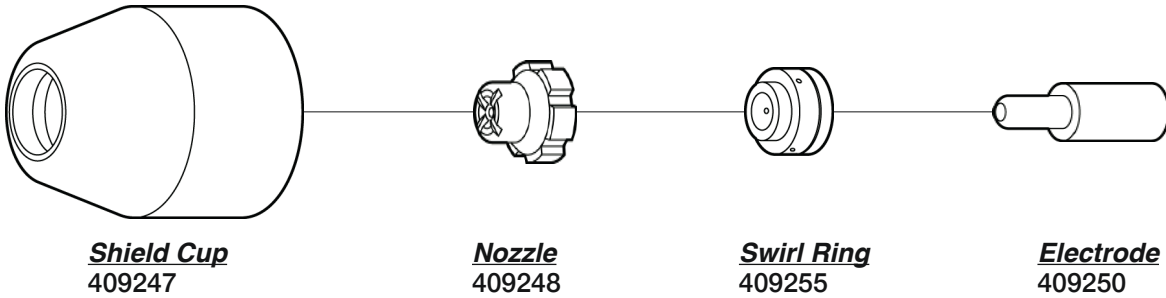


HITACHI[®] UG-31

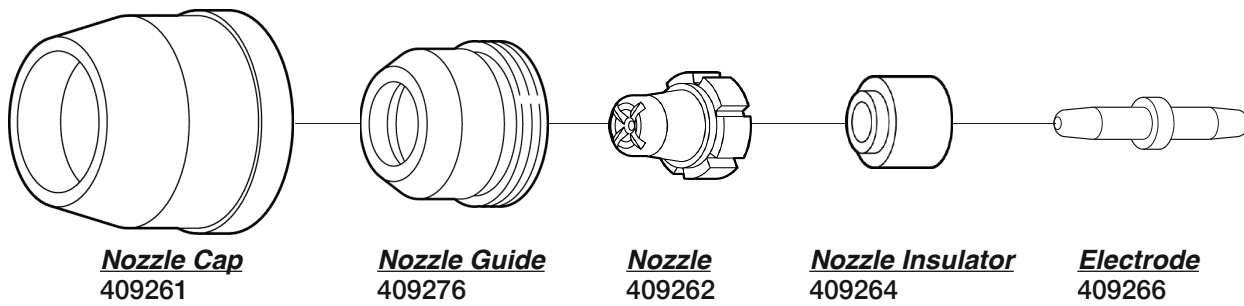


HOBART®

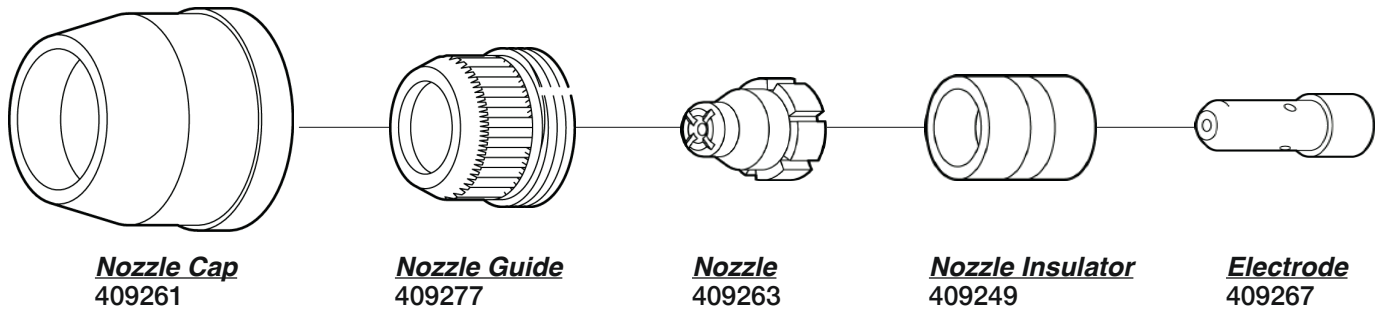
HOBART® TP-3A



HOBART® TP-6A/P

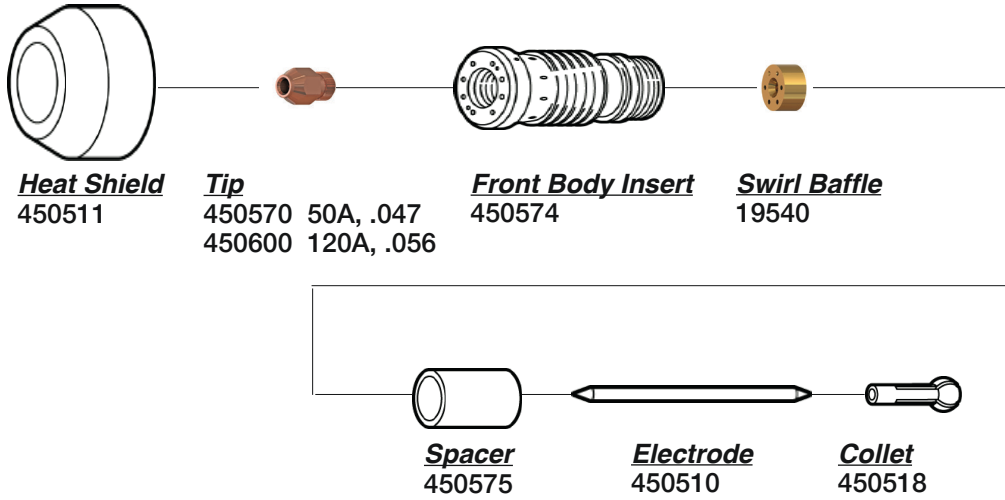


HOBART® TP-10A/P



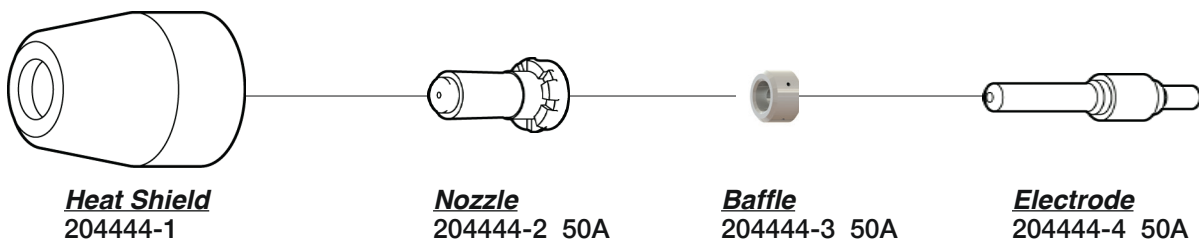
HOBART[®]

HOBART[®] TP-12



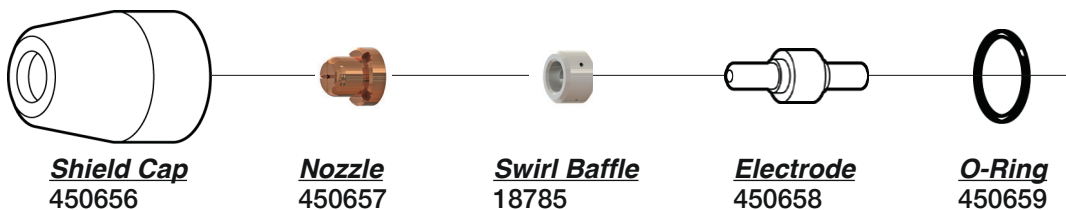
Not Shown
450519 Gasket
450522 O-Ring

HOBART[®] ST-50A (625I)

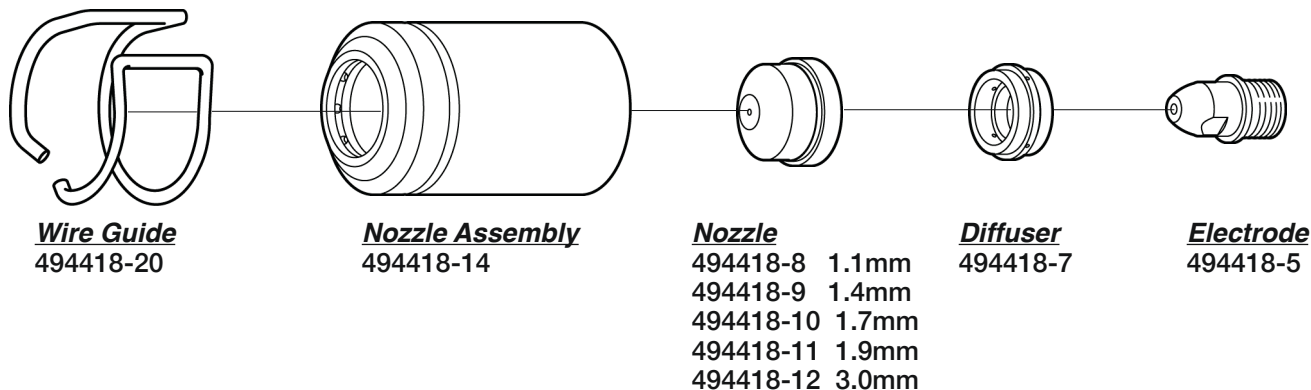


HOBART[®]

HOBART[®] HSC-30A



HOBART[®] 120

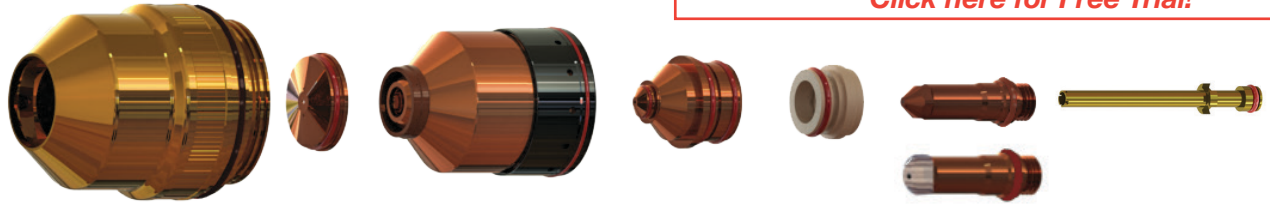


Not Shown

- 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[®] HPR260XD[®]/HPR400XD[®]

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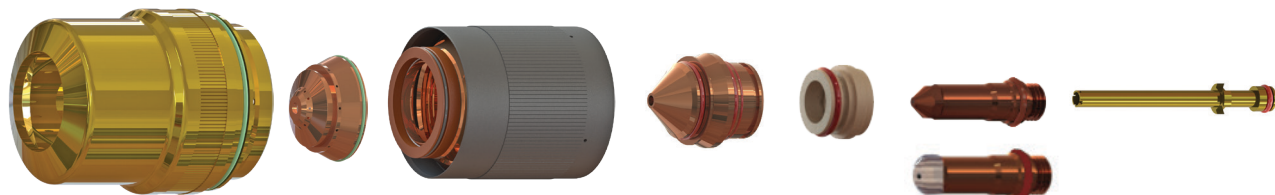
(Typical setup shown. Parts for your application may look slightly different)

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

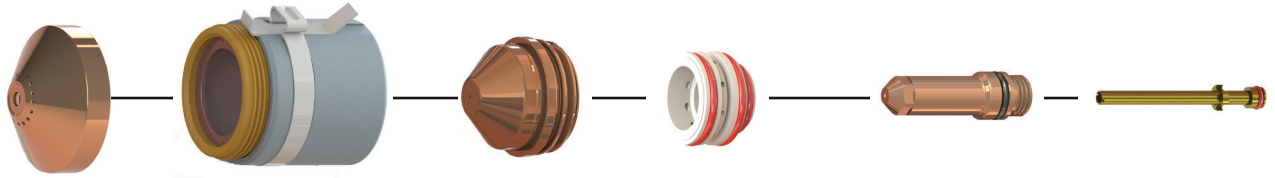
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are available for the HPR260XD® and HPR400XD®.
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HYPERTHERM[®] HYPRO[®] 2000

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 are available for the HYPRO[®] 2000.
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Amperage	Shield	Shield Cap	Nozzle	Swirl Ring	Electrode	Water Tube
O₂ – Mild Steel						
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
Air – Mild Steel – Stainless Steel – Aluminum						
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
N₂ – Stainless Steel – Aluminum						
200	420045	220936 220935 (without tab)	420044ATTC	*220529	020415ATTC	220521ATTC

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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™

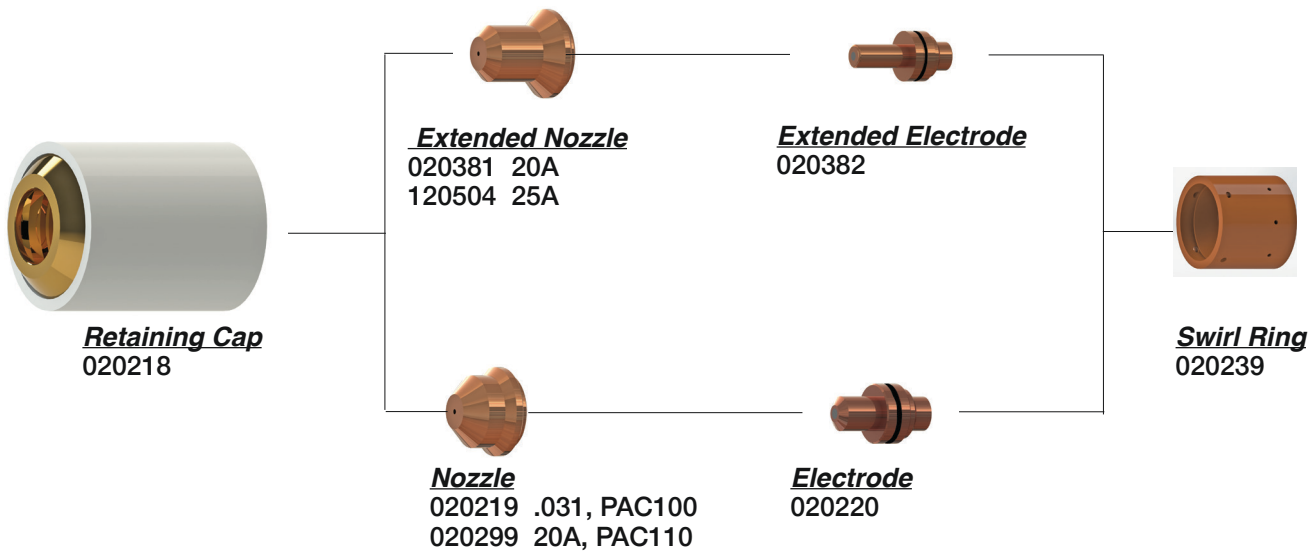
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TORCH TIP ATTC®**

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HYPERTHERM[®] MAX-20[®] (PAC110) POWERMAX 30[®]

PLASMA



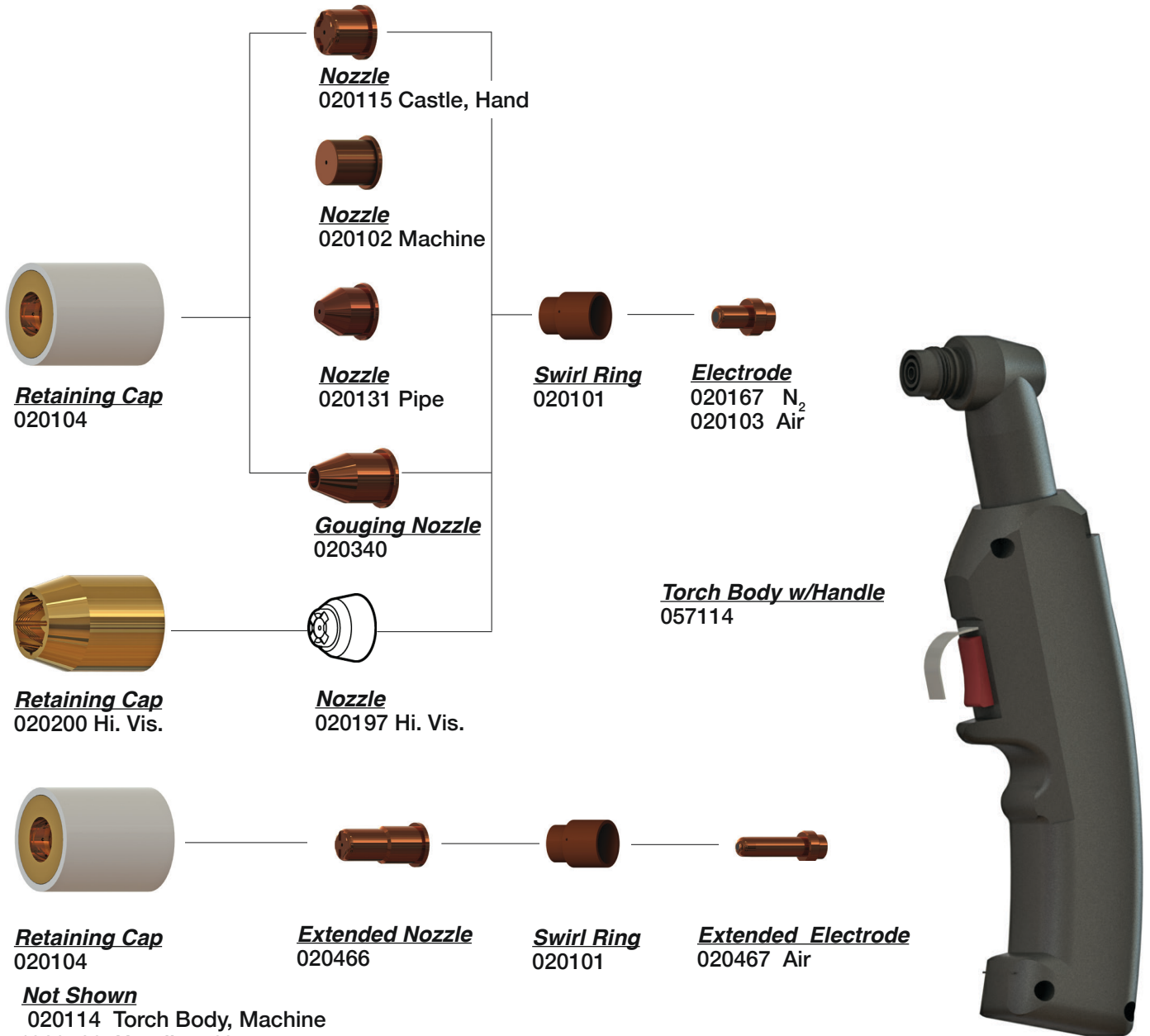
Not Shown

- *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

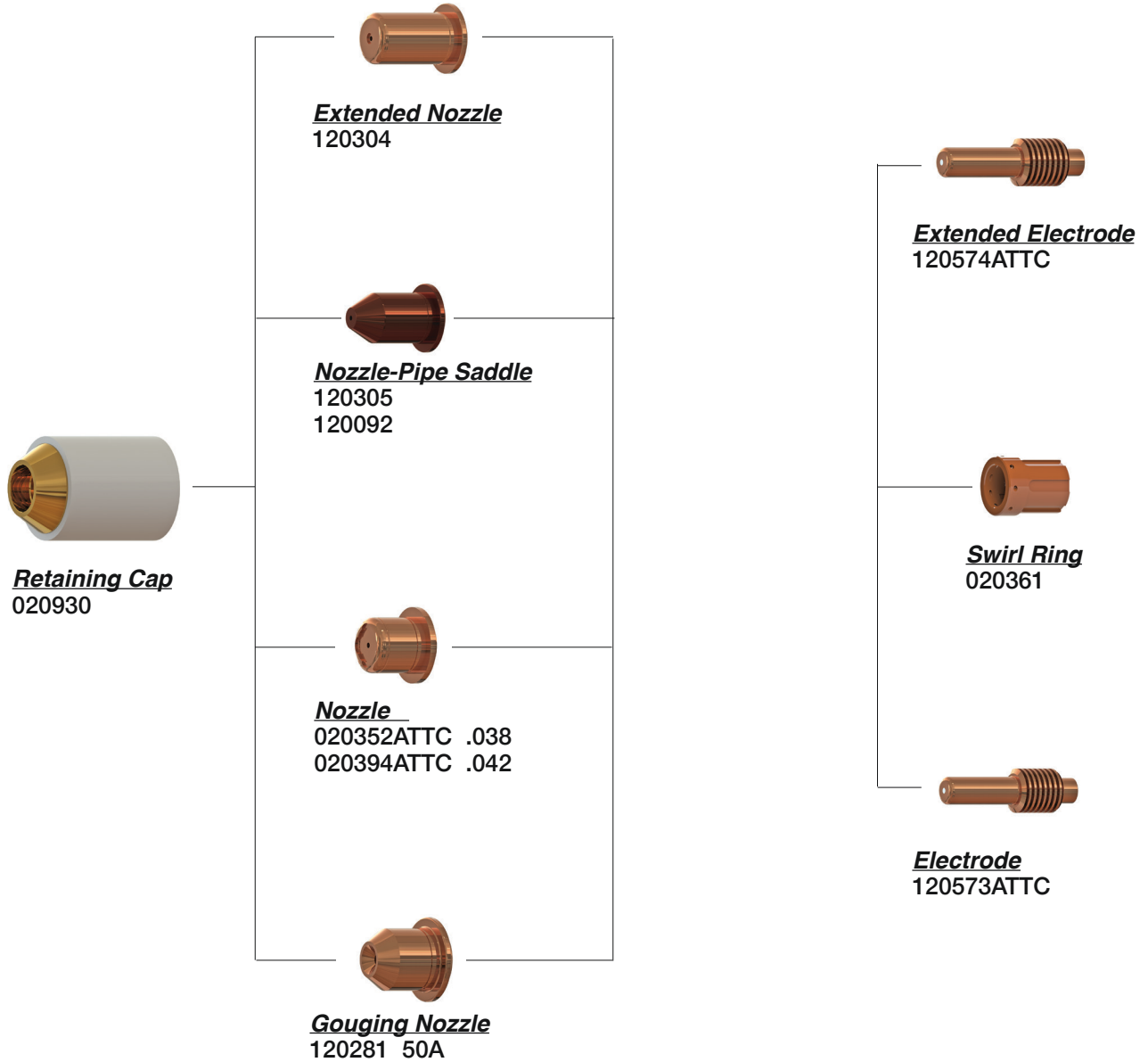


Not Shown

- 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[®]

HYPERTHERM[®] MAX-40CS/42/43[®]



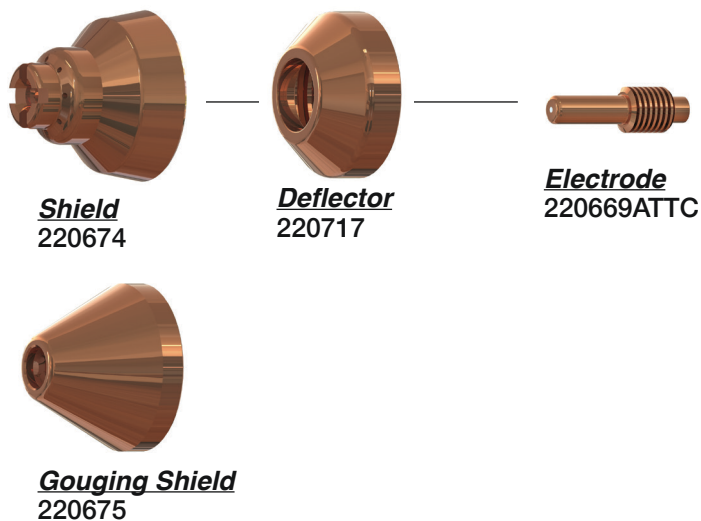
Not Shown

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

HYPERTHERM[®]

HYPERTHERM[®] MAX-45[®]

PLASMA

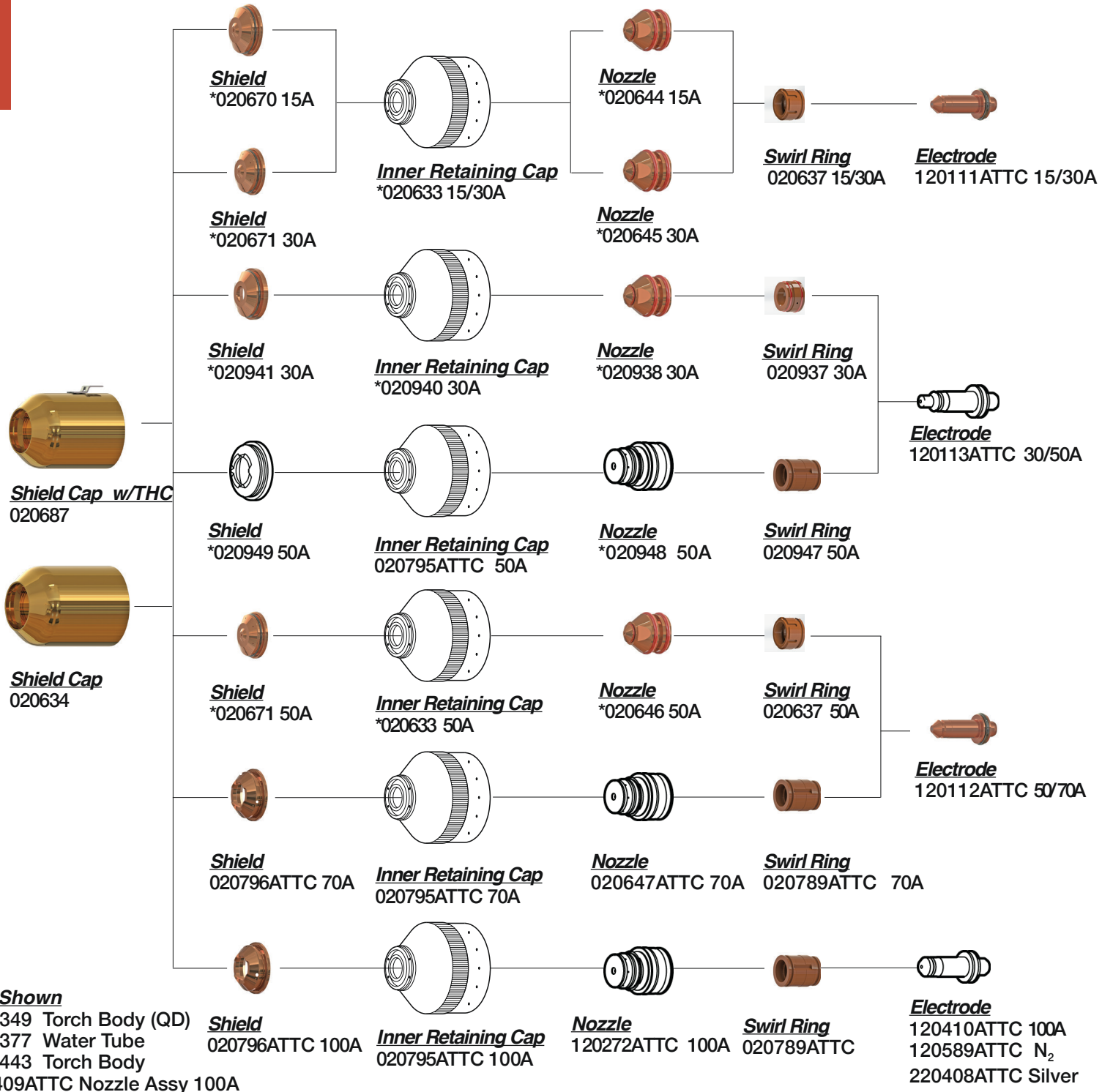


Not shown
220670 Swirl Ring
220671ATTC Nozzle Pmx 45
220672 Gouging Nozzle
220713 Retaining Cap
220718 Nozzle

HYPERTHERM[®]

HYPERTHERM[®] HD-1070/3070[®]

PLASMA



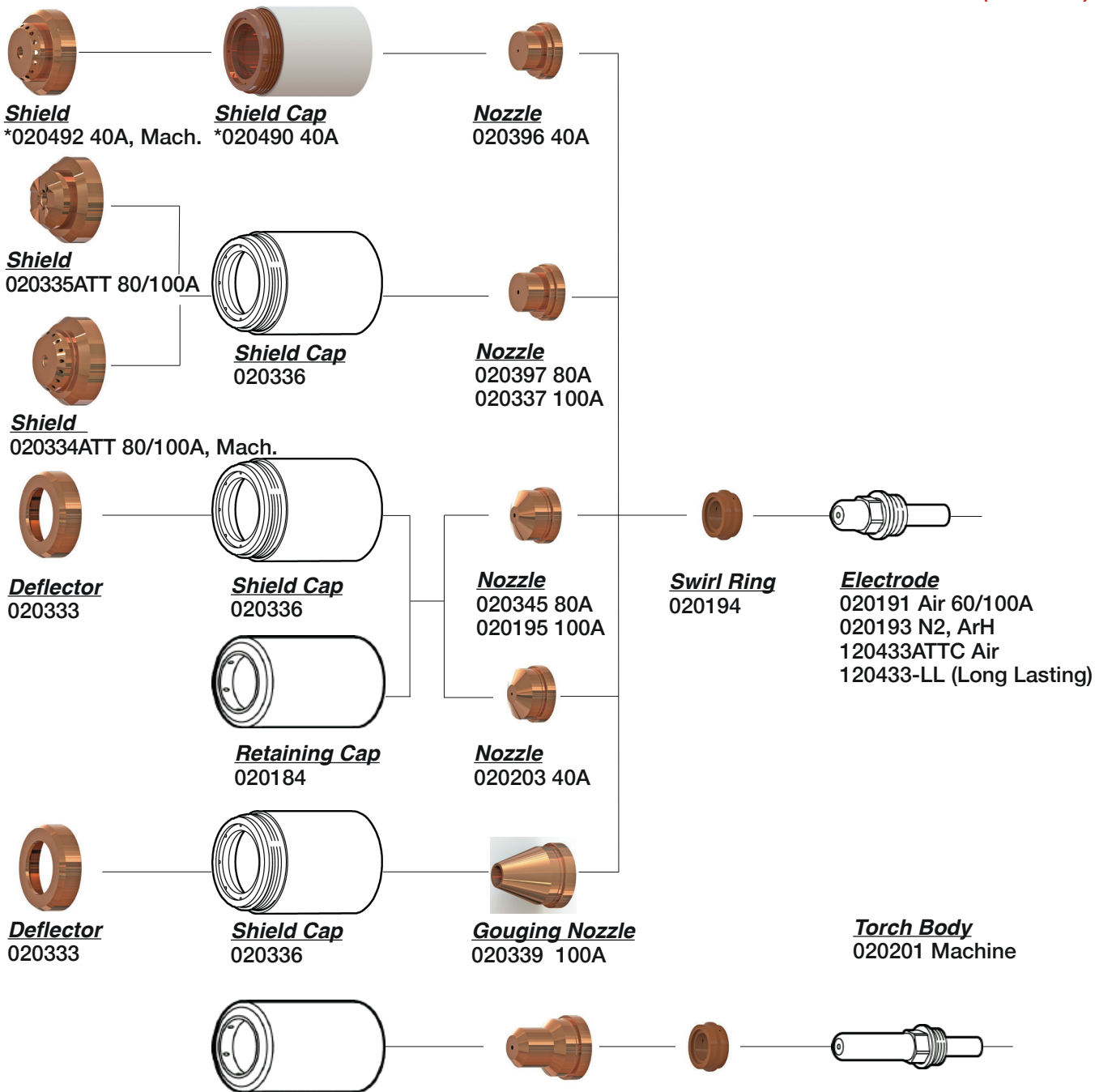
Not Shown

- *120349 Torch Body (QD)
- *120377 Water Tube
- *120443 Torch Body
- 220409ATTC Nozzle Assy 100A

HYPERTHERM®

HYPERTHERM® MAX-100® (PAC130)

PLASMA



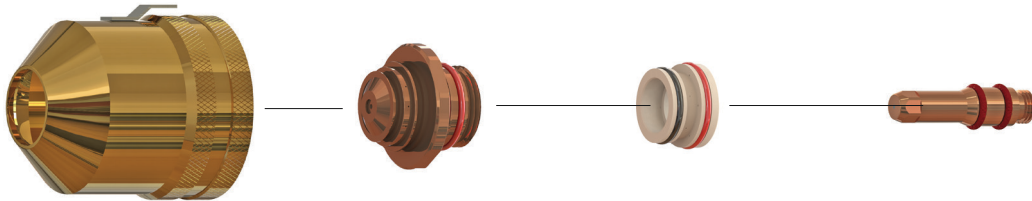
Not Shown

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

HYPERTHERM[®]

PLASMA

HYPERTHERM[®] HD4070[®]



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

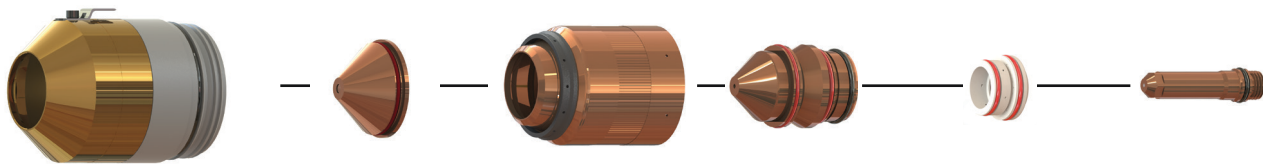
Not Shown

*120651 Torch Body

Aluminum

HYPERTHERM[®] 260[®] (BEVELING)

130 Amp Mild Steel Stainless



Outer Cap
220398ATTC

Shield
220645ATTC
220609ATTC

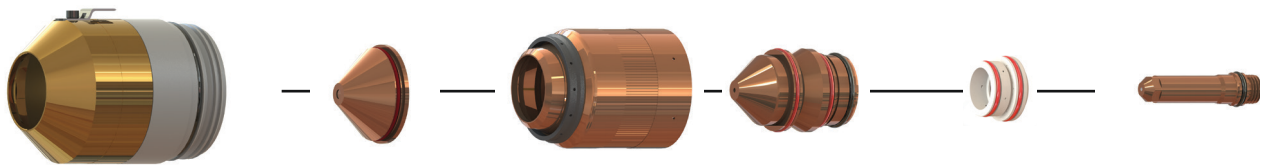
Retaining Cap
220603
220608

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™

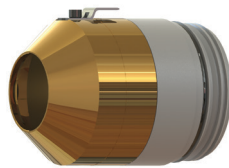

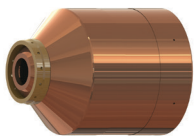
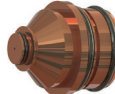


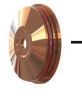
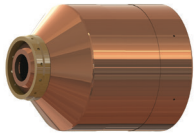



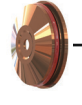
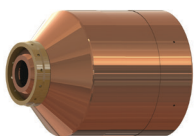
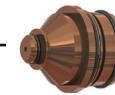


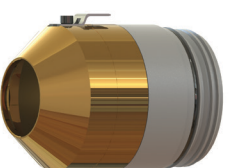
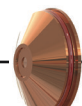
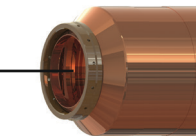



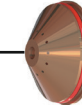
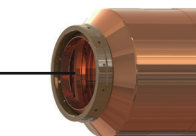



Next-Generation Plasma Consumables are available for the HPR130 and HPR260.

[Click here for Free Trial!](#)

HYPERTHERM®

HYPERTHERM® HPR130® & 260®

PLASMA

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



Water Tube
220340ATTC
ATTC Water Tube must be used with ATTC electrode

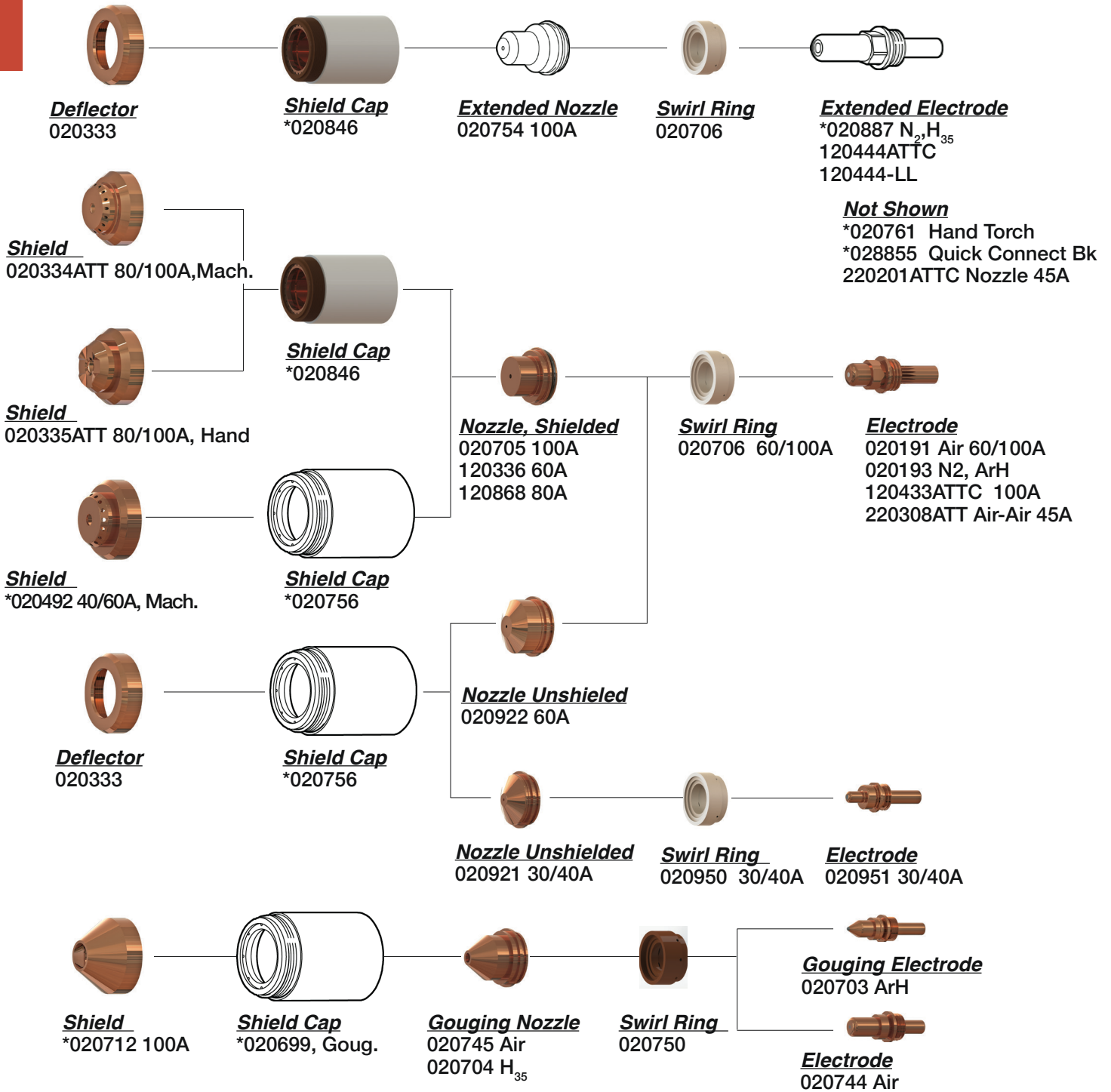
Not Shown

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

HYPERTHERM[®]

HYPERTHERM[®] MAX-100D[®](PAC160)

PLASMA

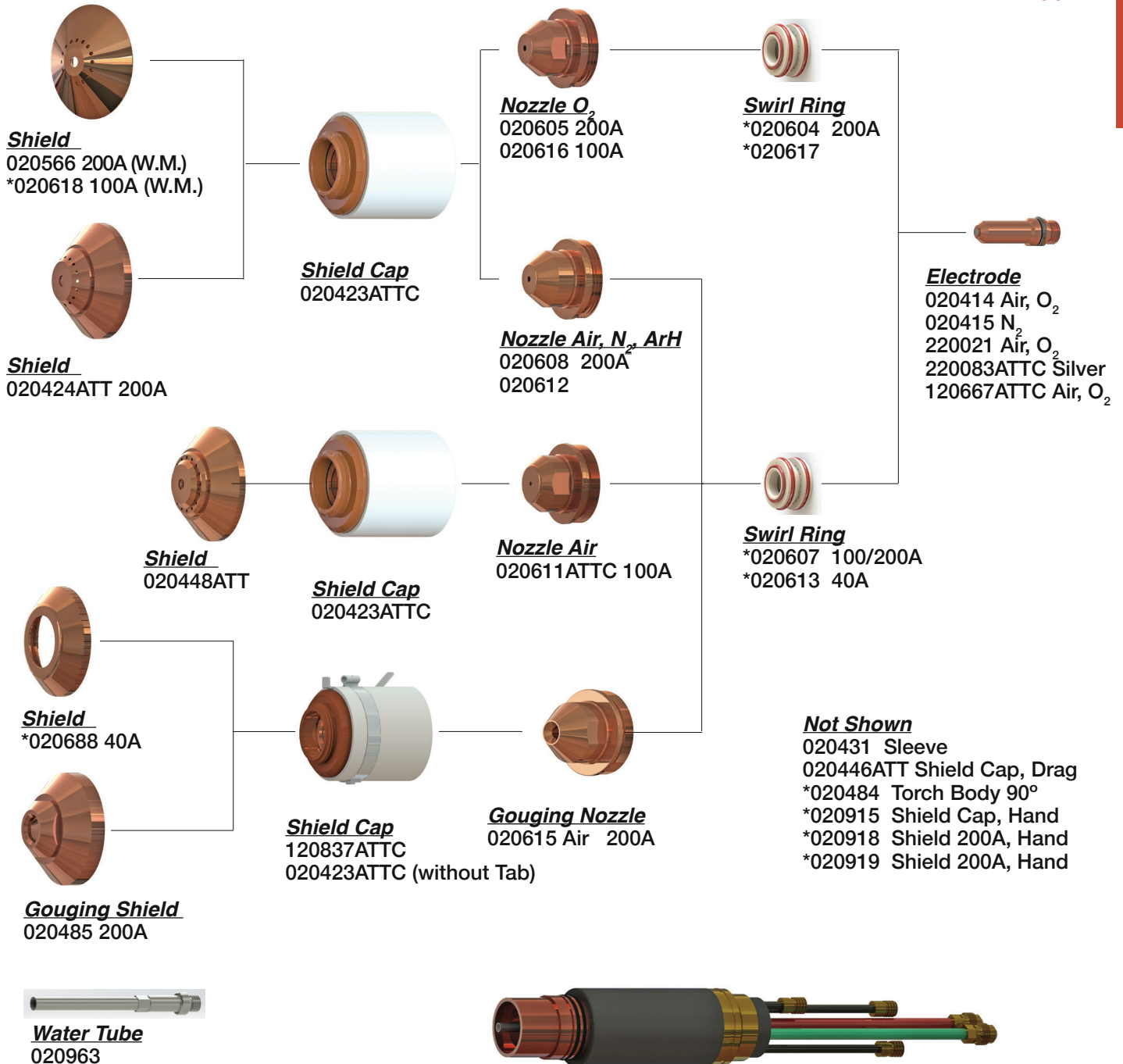


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HYPERTHERM®

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[®]

HYPERTHERM[®] MAXPRO-200[®]

PLASMA

CleanCut[™]
 Next-Generation Plasma Consumables
 are available for the **HYPERTHERM[®]**
MAXPRO-200[®].
[Click here for Free Trial!](#)

Amperage	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube**
Mild Steel – Air Plasma						
50A	220532	220936	220890ATTC	*220529	220528ATTC	220521ATTC
130A	220536	220935 w/o tab	220892ATTC	*220488	220487ATTC	220521ATTC
200A	420045		420044ATTC	*220488	220937ATTC	220521ATTC
Mild Steel – O2 Plasma						
50A	220532	220936	220891ATTC	*220529	220528ATTC	220521ATTC
130A	220491	220935 w/o tab	220893ATTC	*220488	220487ATTC	220521ATTC
200A	220832		220831ATTC	*220834	220937ATTC	220521ATTC
Stainless Steel / Aluminum – N2 Plasma						
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

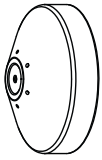
- Smooth-bore configuration reduces turbulence
- Stabilizes and accelerates the plasma arc column
- Produces ultra-smooth cuts

CleanCut™

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

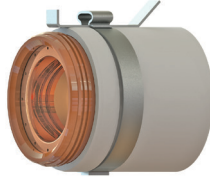
**AMERICAN
TORCH TIP ATTC**™

HYPERTHERM[®] HSD-130[®]



Shield

220532ATT 45A Air
220532ATT 50A O₂
220536ATT 130A Air
220491ATT 130A O₂



Shield Cap

220578
220534



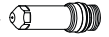
Nozzle

220525ATTC
220530ATTC
220489ATTC
220492ATTC



Swirl Ring

220488
220529

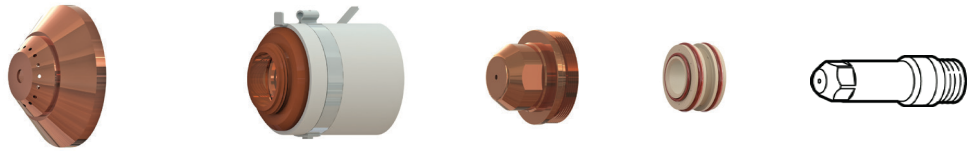


Electrode

020415
220528ATTC
220487

HYPERTHERM®

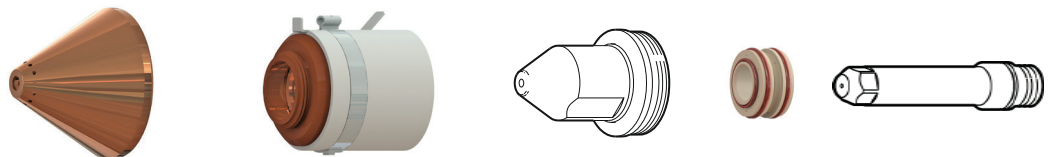
HYPERTHERM® HT-2000®



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

PLASMA

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

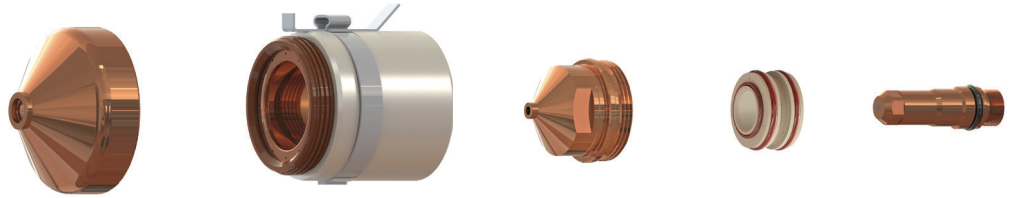


Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
Bevel Cutting						
200	O ₂ / Air	020424	120837 (w/ tab) 020423 (w/o tab)	020605	120833	120258

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HYPERTHERM[®]

HYPERTHERM[®] HT-2000[®] HIGH SPEED

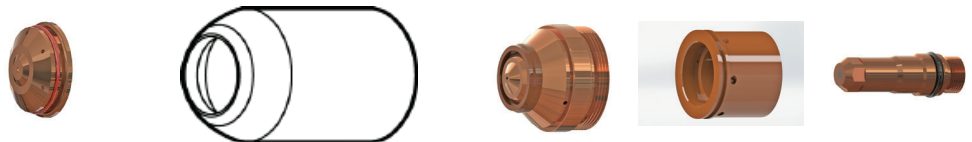


(Typical setup shown. Parts for your application may look slightly different)

Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
HySpeed[®]						
200	O ₂ / Air	020424	120239ATT ^C	220237ATT ^C	220236*	220235

HYPERTHERM[®]

HYPERTHERM[®] HT-2000[®] 50 AMP SETUP



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

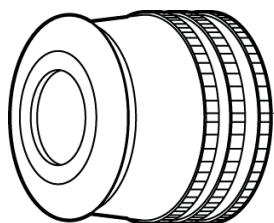
Amperage	PlasmaGas / Shield Gas	Shield	Retaining Cap	Nozzle	Swirl Ring	Electrode
HySpeed[®]						
200	O ₂ / Air	020424	120239ATT ^C	220237ATT ^C	220236*	220235

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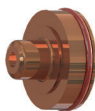
HYPERTHERM®

HYPERTHERM® HT-400®

PLASMA



Retaining Cap
020087



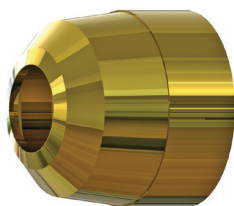
Nozzle N₂
020084 .166
020089 .120



Swirl Ring N₂
020039 .120-.187
020042 .120-.187



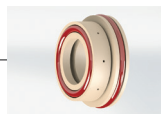
Electrode N₂
020082



Retaining Cap
020246 Tapered, Vespel
020579 Tapered, Vespel



Nozzle O₂
020086 .099
020392 .099 (ccw)



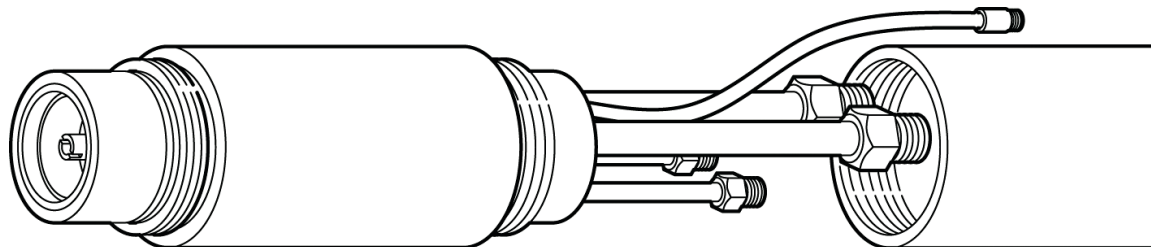
Swirl Ring O₂
020096
020097 (ccw)
020380 .099
020391 .099 (ccw)



Electrode O₂
020081
*220397



Water Tube
020990

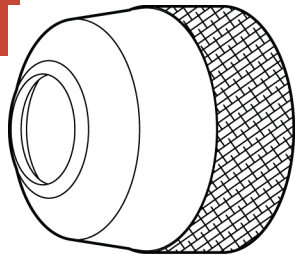


Torch Body
020080

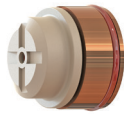
Insulator Sleeve
020041

HYPERTHERM[®]

HYPERTHERM[®] HT-4001[®] (PAC620)



Retaining Cap
*020580 Standard, Vespel
020286 Standard, Vespel



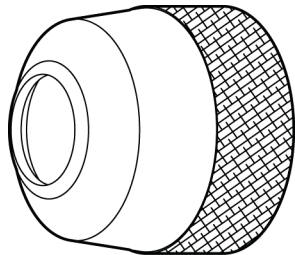
Nozzle N₂
020281 .120
020282 .166
020283 .187
020284 220



Swirl Ring N₂
020039 .120-.187
020040 .220
020042 .120-.187 (ccw)
020079 .220 (ccw)



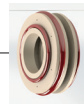
Electrode N₂
020285



Retaining Cap
020579 Tapered, Vespel
120390



Nozzle O₂
020086 .099



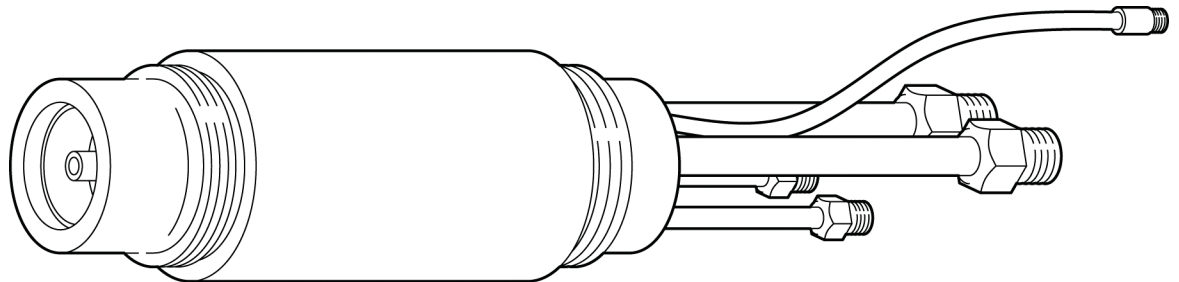
Swirl Ring O₂
020623 260A
120135 340A



Electrode O₂
020663 260A
120090ATTC 340A
120630ATTC
220397ATTC (Silver)



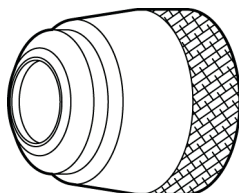
Water Tube
020990 170,400,600



Torch Body
020328

HYPERTHERM®

HYPERTHERM® HT-4001® (PAC 620) BEVELING



Retaining Cap
*120004 Vectra
*020969 Vespel



Nozzle N₂
*120386 .120
120387 .166
120388 .187
*120389 .220



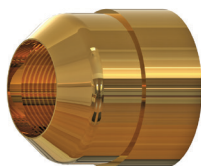
Swirl Ring N₂
020039 .120-.187
020040 .220
020042 .120-.187 (ccw)
020079 .220 (ccw)



Electrode N₂
020968



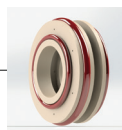
Water Tube N₂
020991



Retaining Cap
120390



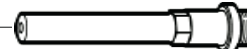
Nozzle O₂
120384
120385 (ccw)



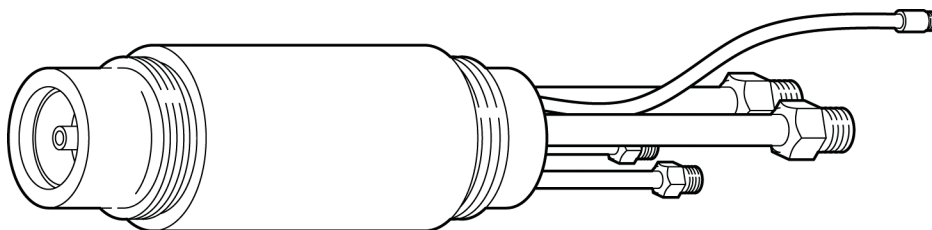
Swirl Ring O₂
020623 260A
*120015 (ccw)



Electrode O₂
020975 260A
120462ATTC
120836ATTC



Water Tube O₂
020992



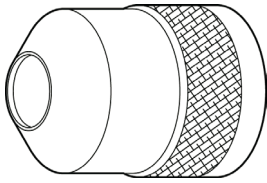
Torch Body
020970

Not Shown

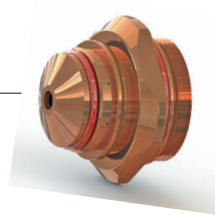
*020749 Sleeve

HYPERTHERM[®]

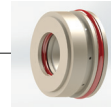
HYPERTHERM[®] HT-4100[®] PAC 611



Retaining Cap
120103ATTC



Nozzle
020719
120096
120116 (ccw)



Swirl Ring
*120115 (ccw)
*120108

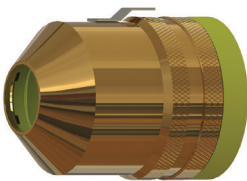


Electrode
020721

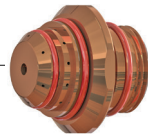
Not Shown

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

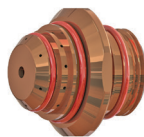
HYPERTHERM[®] HT4400[®]



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



Nozzle
120777ATT 100A, O₂
120787ATT 200A, O₂



Nozzle
120794ATTC 300A, O₂
120795ATT 300A, CC
120856ATT 400A, N₂
120934ATT 400A, O₂
120935ATT 400A CC



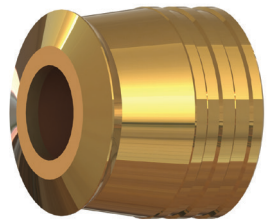
Swirl Ring
120783 100A, O₂
*120791 200A, O₂
120853 200/400A, N₂
120913 300A, O₂
120939 400A, O₂



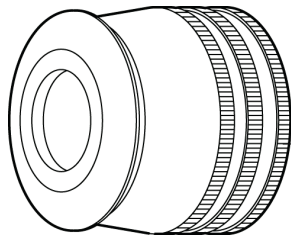
Electrode
120785ATTC 100A, O₂
120793ATTC 200A, O₂
120802ATTC 300A, O₂
120810ATTC 400A, O₂
120855ATTC 200/400A, N₂
220412ATTC (Silver) 300/400A

HYPERTHERM®

HYPERTHERM® PAC 500



Retaining Cap - High Amp.
020043 Flared



Retaining Cap - Low Current
020034 Tapered
020610



Water Tube
120035



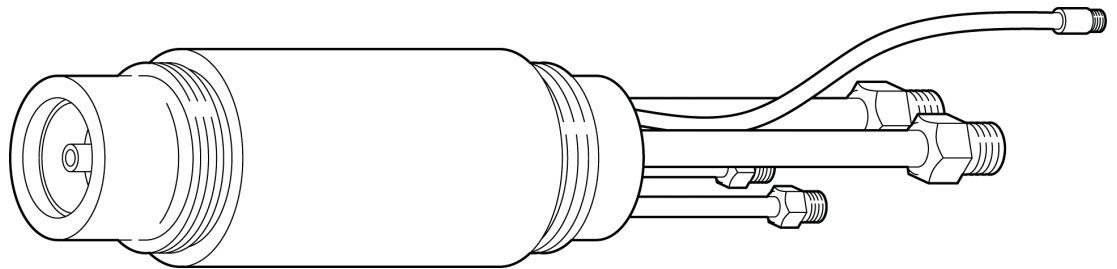
Nozzle N₂
020035 .166
020036 .187
020037 .220
020047 .250, ArH
020050 .120



Swirl Ring N₂
020039 .120-.187
020040 .220
020048 .250
020042 .120-.187 (ccw)
020079 .220 (ccw)



Electrode N₂
020038



Torch Body
020030

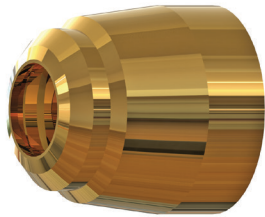


Insulator Sleeve
020041

PLASMA

HYPERTHERM[®]

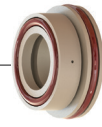
HYPERTHERM[®] PAC 600



Retaining Cap
020286 Standard, Vespel
020579 Tapered



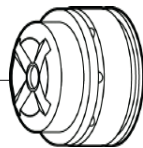
Nozzle O₂
020086 .099
020392 .099 (ccw)



Swirl Ring O₂
020380 .099
020391 .099 (ccw)



Electrode O₂
020081
120090ATTC 340A
220412ATTC (silver)



Nozzle N₂
020281 .120
020282 .166
020283 .187
020284 .220
*020321 .250



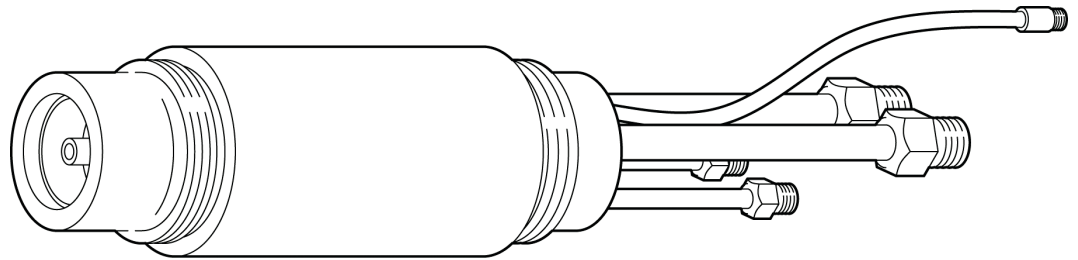
Swirl Ring N₂
020039 .120-.187
020042 .120-.187 (ccw)
020040 .220
020079 .220 (ccw)



Electrode N₂
020285



Water Tube
020990



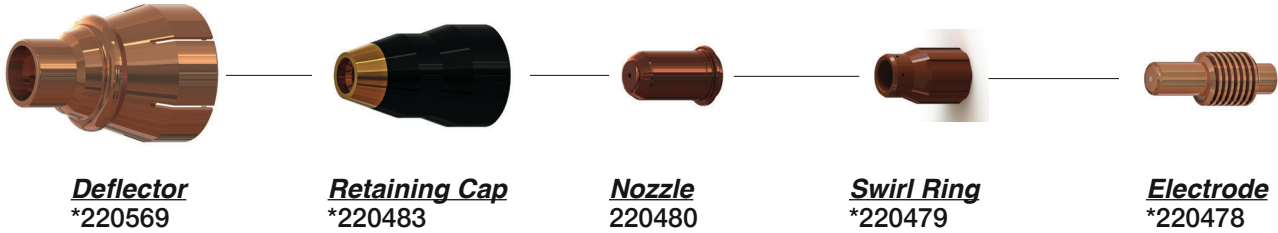
Torch Body
020328



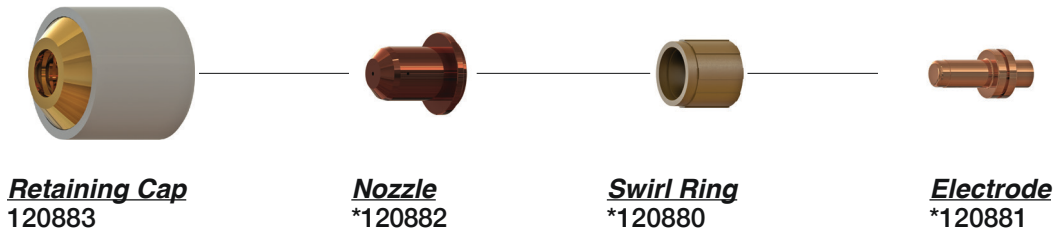
Insulator Sleeve
020041

HYPERTHERM®

HYPERTHERM® POWERMAX-30



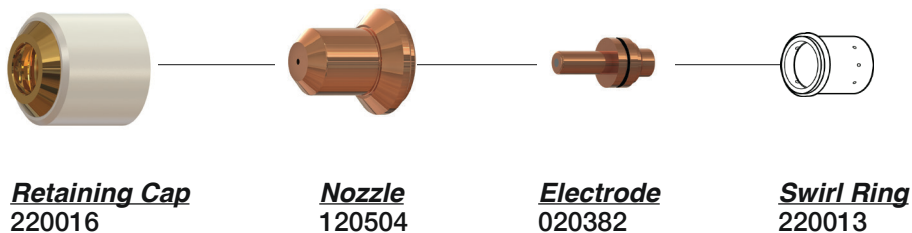
HYPERTHERM® POWERMAX-190C (PAC105)



Not Shown

120898 Retain ing Cap
120884 Shield

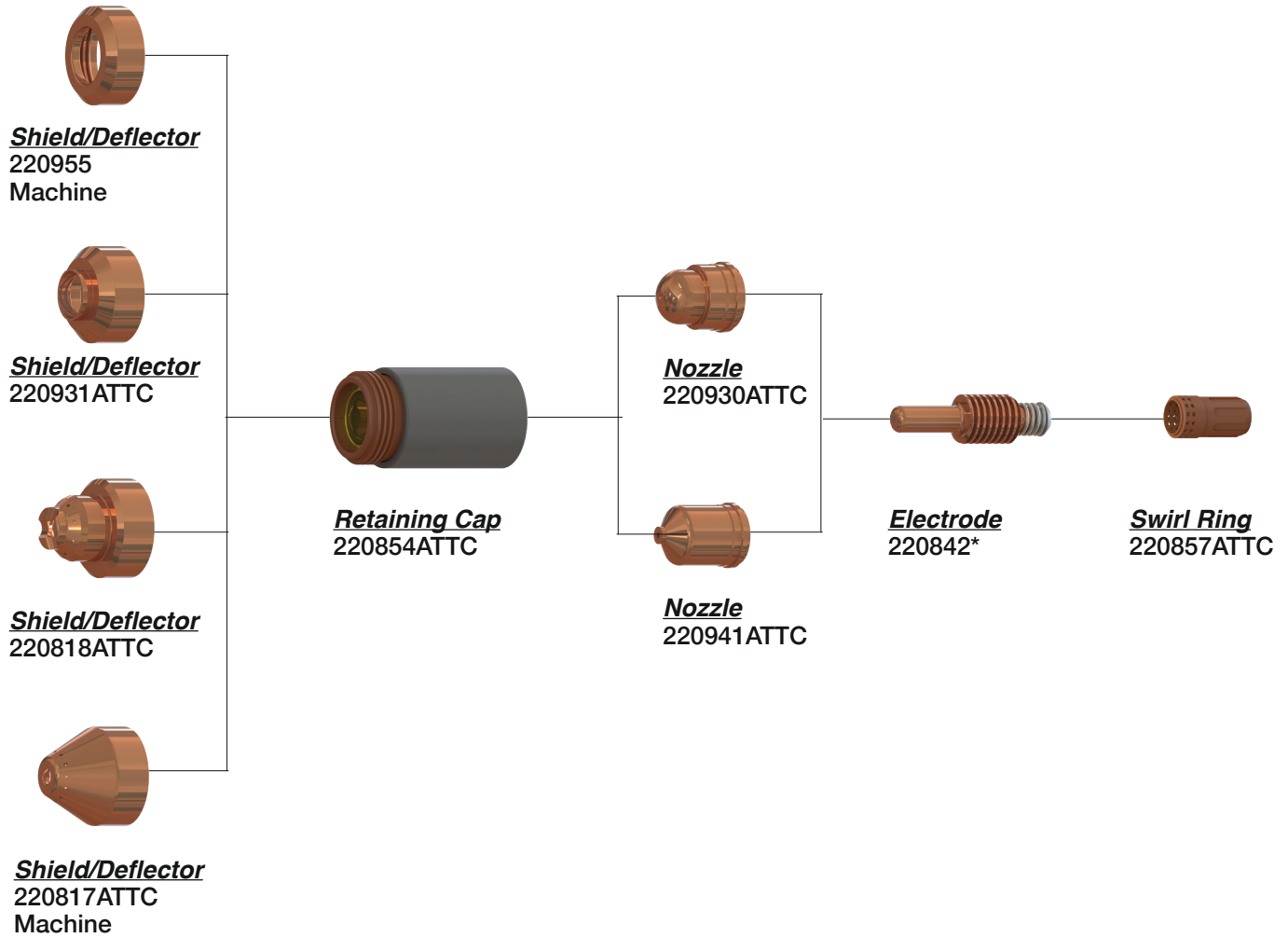
HYPERTHERM® POWERMAX-380 (PAC110T)



HYPERTHERM[®]

HYPERTHERM[®] POWERMAX45[®] XP

PLASMA



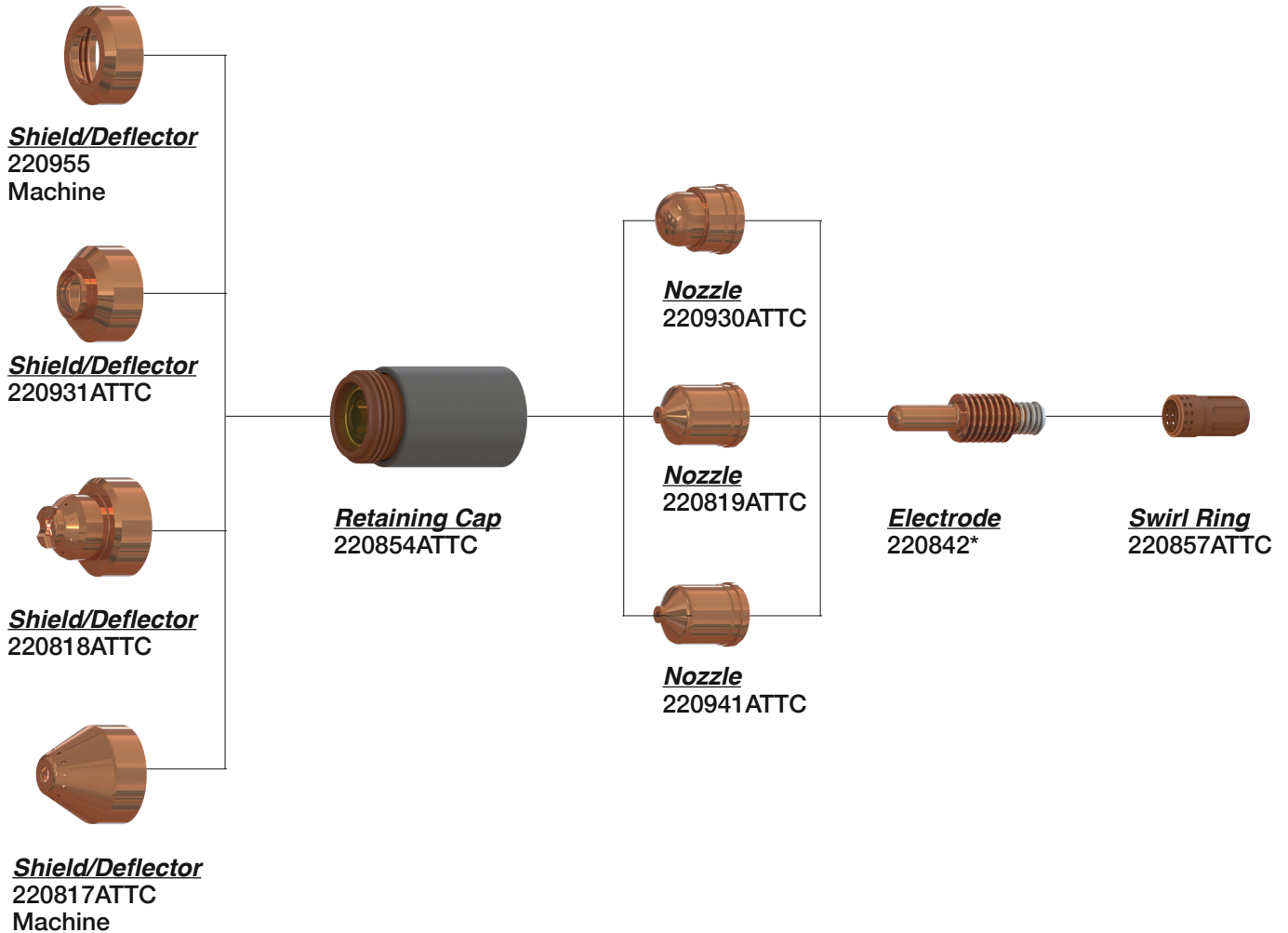
Not Shown

- *220953 Retaining Cap
- *220777 Electrode

HYPERTHERM®

HYPERTHERM® POWERMAX65® XP

PLASMA



Not Shown

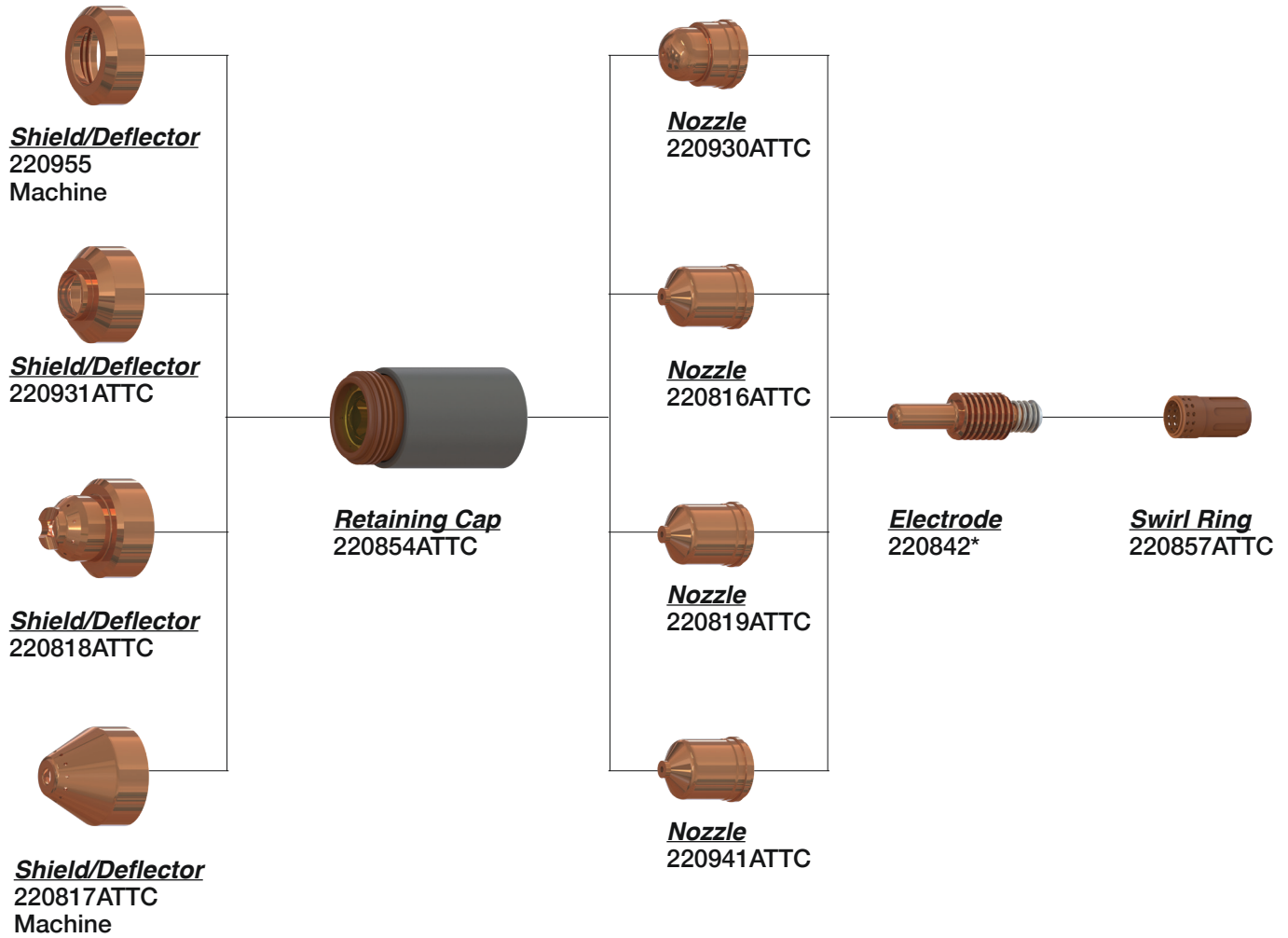
*220953 Retaining Cap

*220777 Electrode

HYPERTHERM[®]

HYPERTHERM[®] POWERMAX85[®] XP

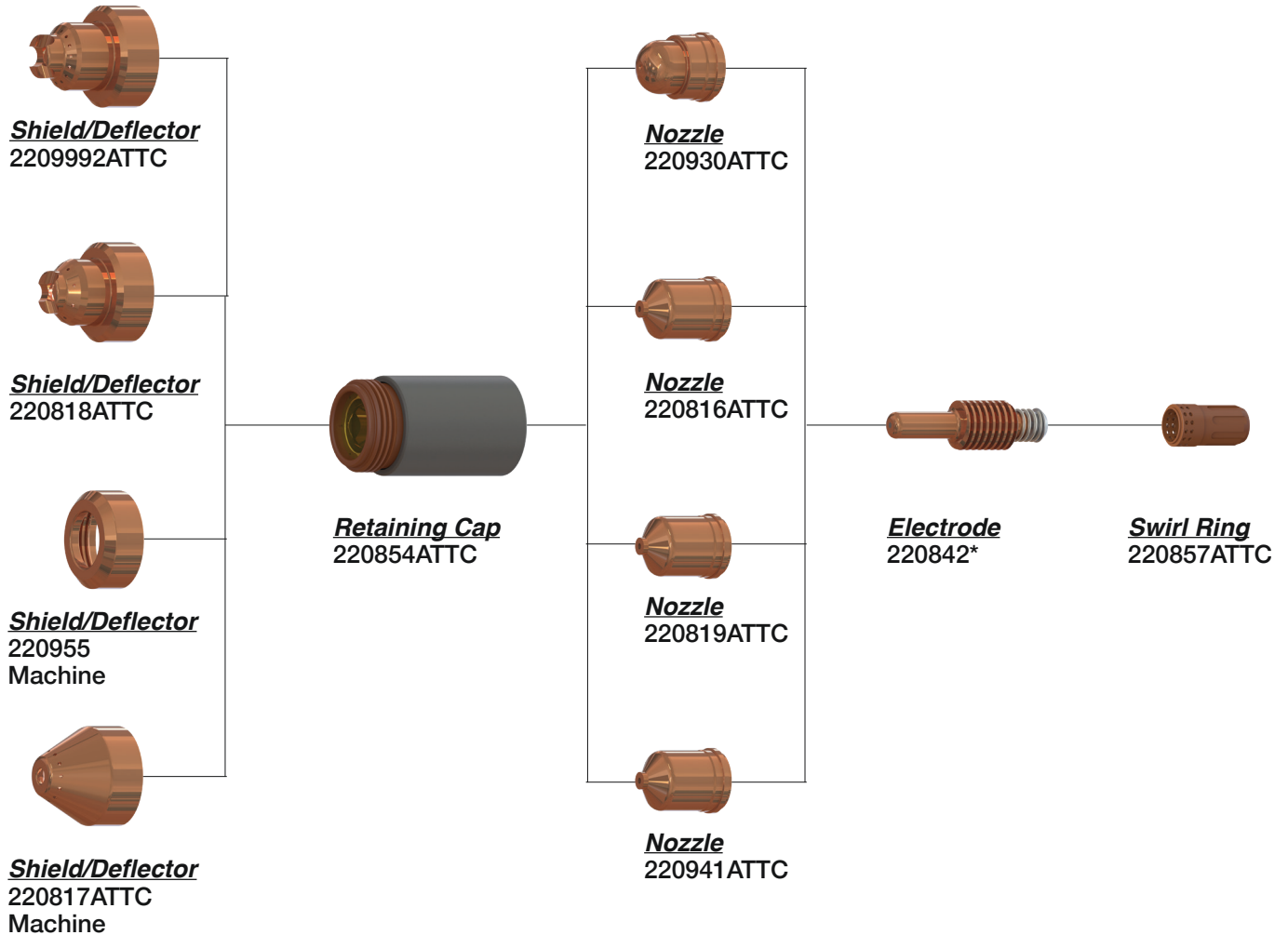
PLASMA



Not Shown

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

**HYPERTHERM® POWERMAX105® XP
HANDHELD**



Not Shown

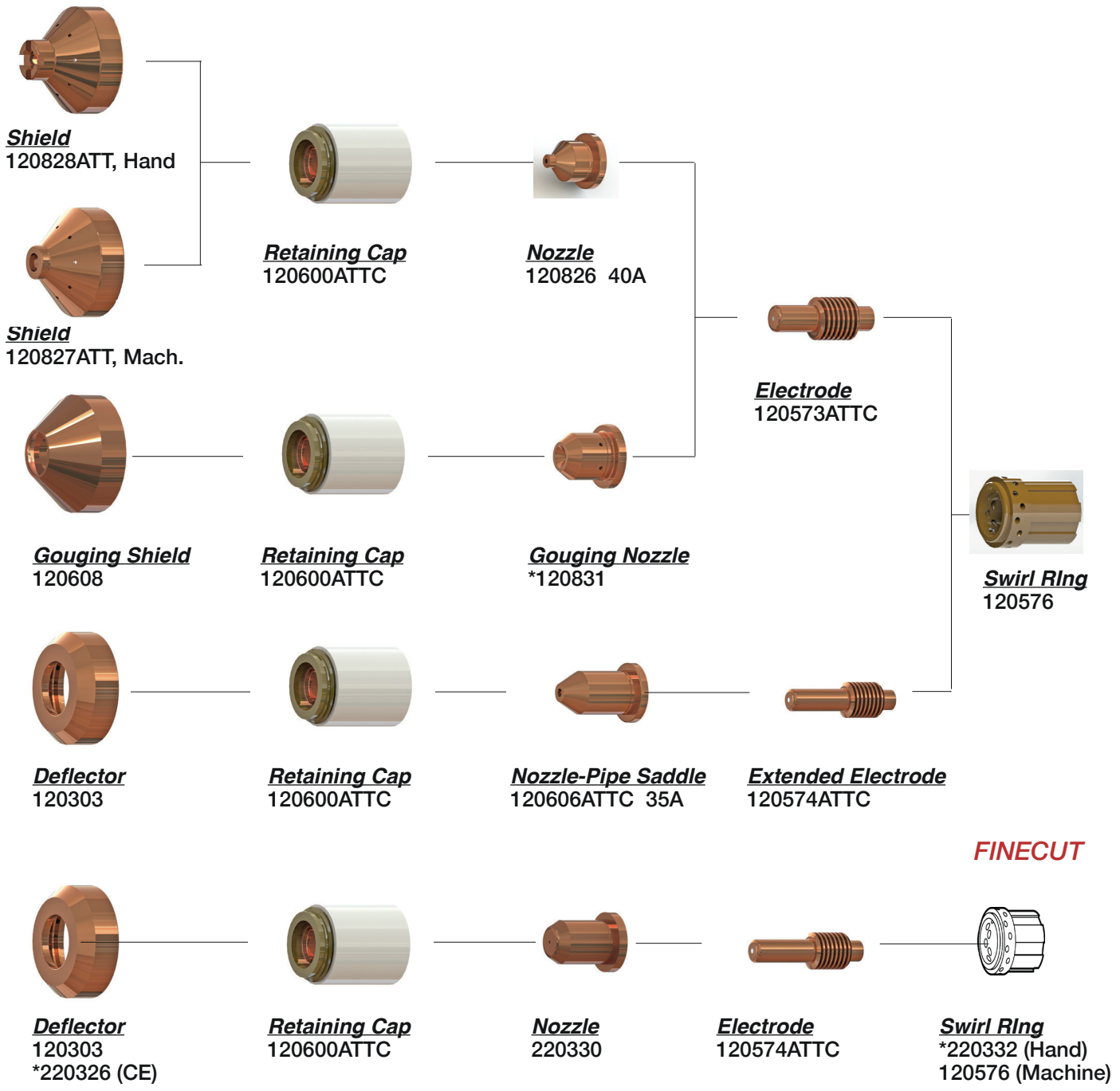
*220953 Retaining Cap

*220777 Electrode

HYPERTHERM[®]

HYPERTHERM[®] POWERMAX-600[®] (PAC123T/M)

PLASMA



FINECUT

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

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

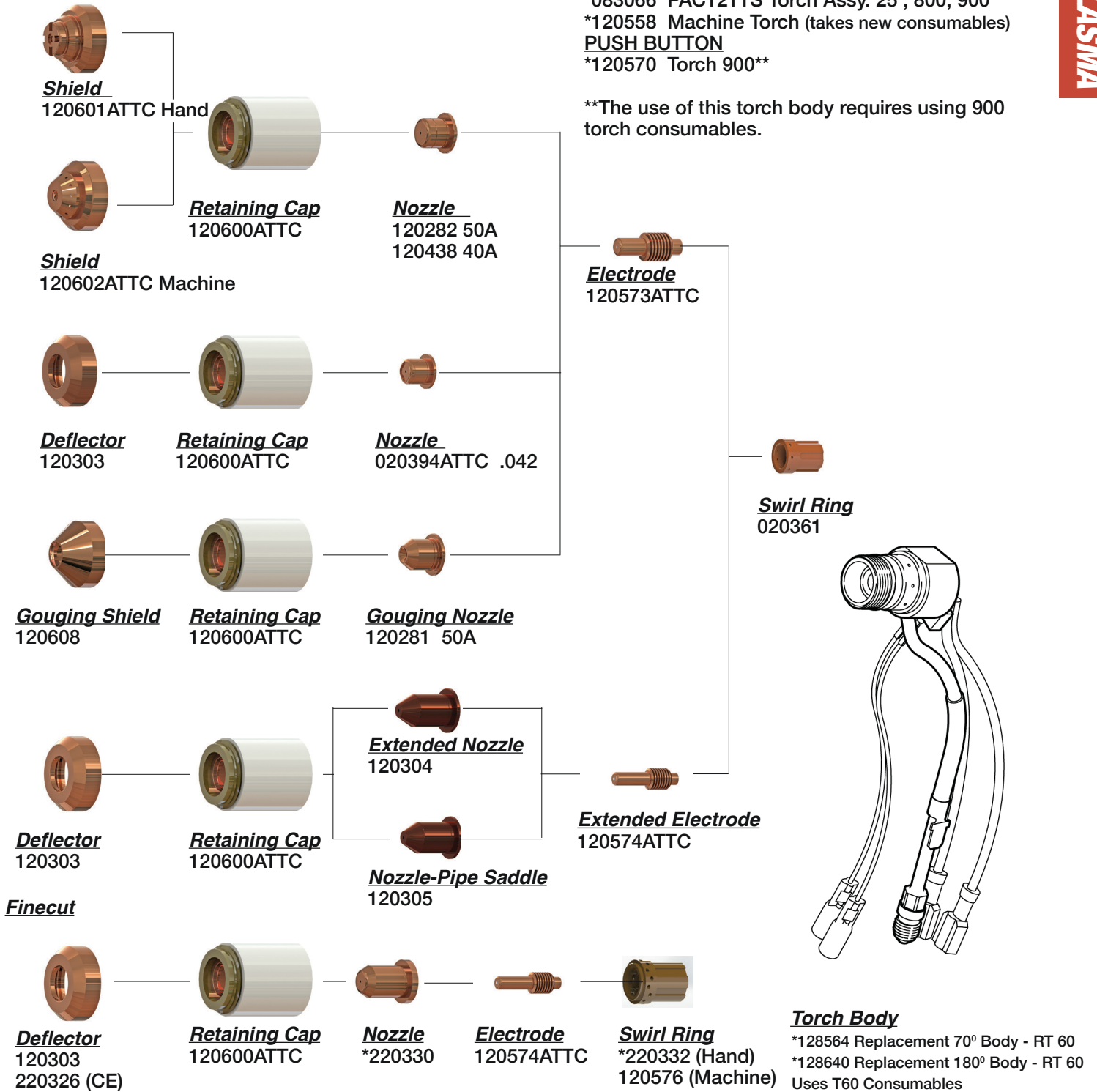
HYPERTHERM®

HYPERTHERM® POWERMAX-800® (PAC121)

Not Shown

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

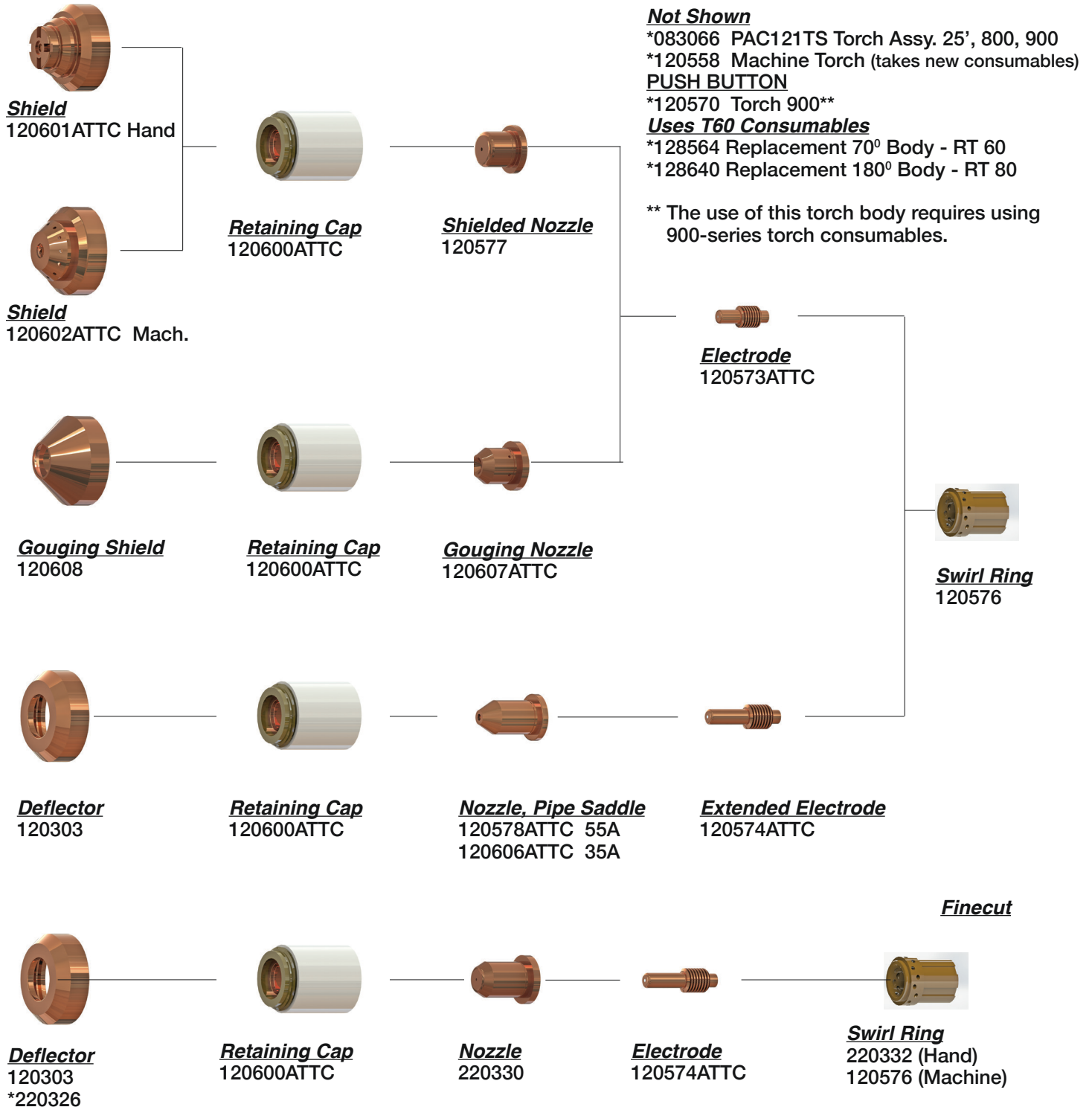
**The use of this torch body requires using 900 torch consumables.



HYPERTHERM[®]

HYPERTHERM[®] POWERMAX-900[®] (PAC125T/M)

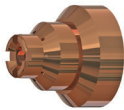


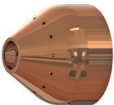




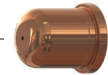
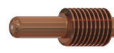

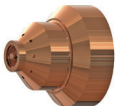
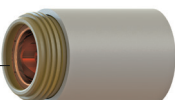






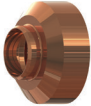
PLASMA



HYPERTHERM®

HYPERTHERM® POWERMAX-1000® T60/T60M

PLASMA

				
Shield 120929ATTC	Retaining Cap 120928	Nozzle - Hand Held, Shielded 120932 40A 120931 60A		
				
Gouging Shield 120977ATTC	Retaining Cap 120928	Gouging Nozzle *220059 60A		
				
Shield - Unshielded 120979	Retaining Cap 120928	Nozzle - Unshielded 220006 40A 220007ATTC 60A	Electrode 120926ATTC	Swirl Ring 120925
				
Shield - Mechanized, Shielded 120930ATTC	Retaining Cap 120928	Nozzle - Mechanized, Shielded 120932 40A 120927 80A		
				
Shield 120979	Retaining Cap 120928	Nozzle 220329	Electrode 120926ATTC	Swirl Ring 220327 (Hand) 120925 (Machine)
				
Shield 220325				

Not Shown

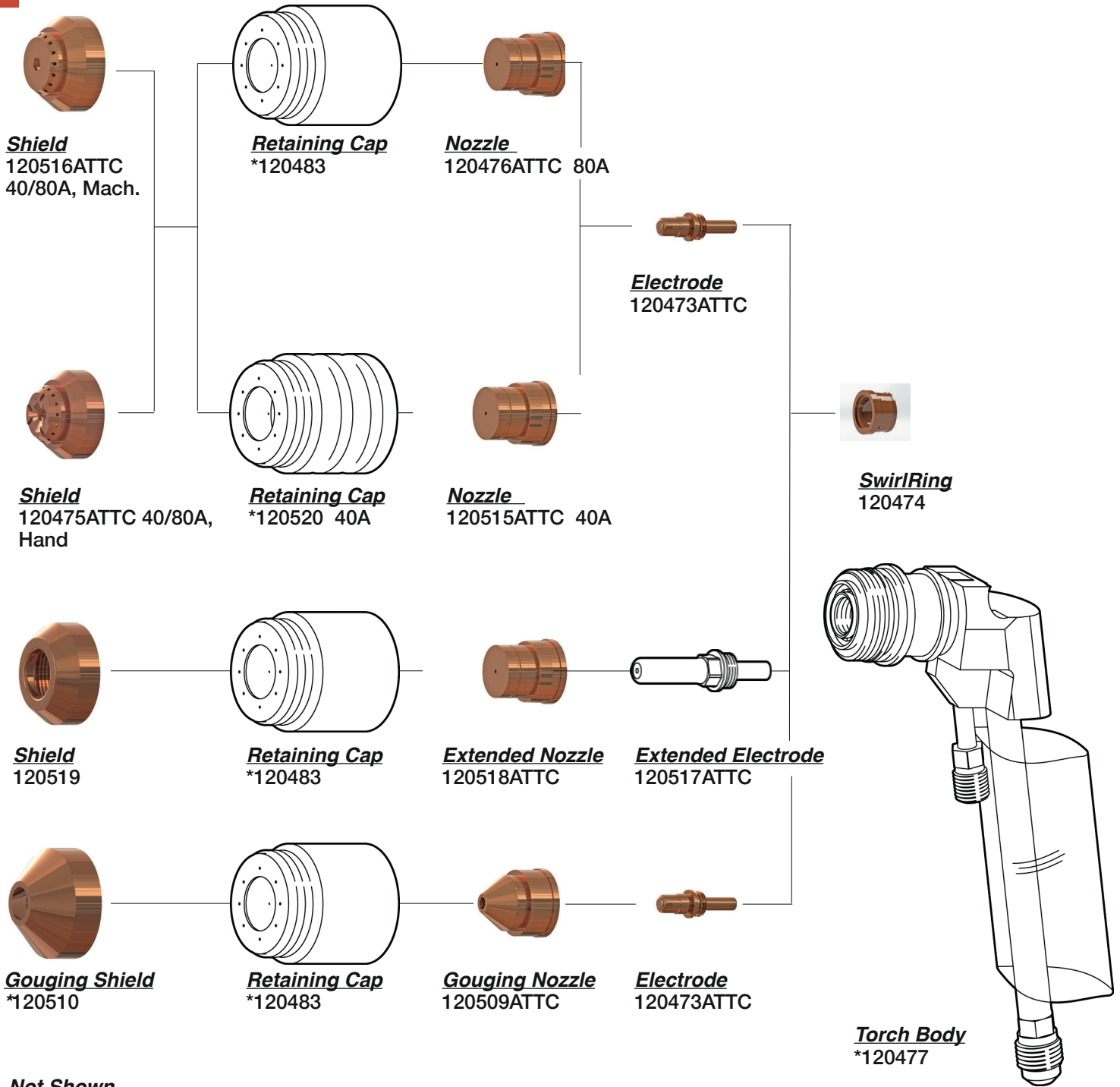
- *220404 Shield Cap, Fine Cut
- 220061 Shield Cap
- 12856 Torch Main Body - Hand
- 12863 Torch Main Body - Machine
- 128643 - Mounting Sleeve
- 083172 - Hand Torch and Lead - 25'
- 083173 - Hand Torch and Lead - 50'
- 083175 - Machine Torch & Lead - 5'
- 083174 - Machine Torch & Lead - 25'
- 083176 - 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[®]

HYPERTHERM[®] POWERMAX-1100[®] (PAC135T)

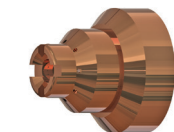
PL



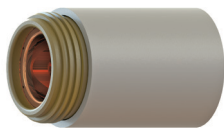
Not Shown
*002287 Handle Assy.

HYPERTHERM®

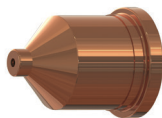
HYPERTHERM® POWERMAX-1250® T80/T80M



Shield
120929ATTC



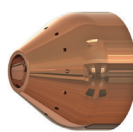
Retaining Cap
120928ATTC



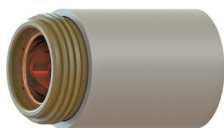
Nozzle - Hand Held, Shielded
120932 40A
120931 60A
120927 80A

Not Shown

- 087001 - Hand Torch & Lead - 25'
- 087002 - Hand Torch & Lead - 50'
- 128637 - Lead, Hand - 25'
- 128636 - Lead, Hand - 50'
- 087003 - Lead, Machine - 15'
- 087004 - Lead, Machine - 25'
- 087005 - Lead, Machine - 35'
- 128634 - Lead, Machine - 15'
- 128633 - Lead, Machine - 25'
- 128564 - Torch Body, Hand
- 128640 - Torch Body, Machine



GougingShield
120977ATTC



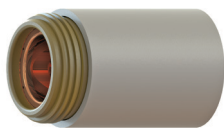
Retaining Cap
120928ATTC



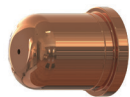
Gouging Nozzle
*120978 80A



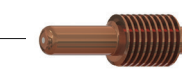
Deflector
120979



Retaining Cap
120928ATTC



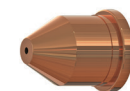
Nozzle - Unshielded
220006 40A
220007ATTC 60A



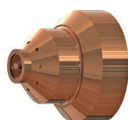
Electrode
120926ATTC



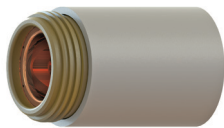
Swirl Ring
120925



Nozzle - Unshielded
120980 80A



Shield - Mechanized, Shielded
120930ATTC



Retaining Cap
120928ATTC

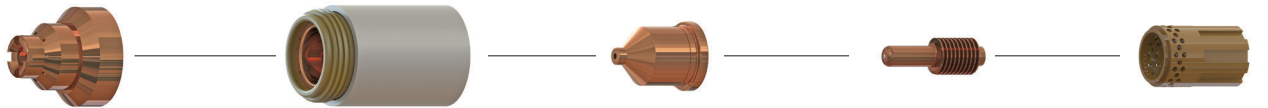


Nozzle - Mechanized, Shielded
120932 40A
120927 80A

HYPERTHERM[®]

HYPERTHERM[®] POWERMAX-1650

HAND TORCH



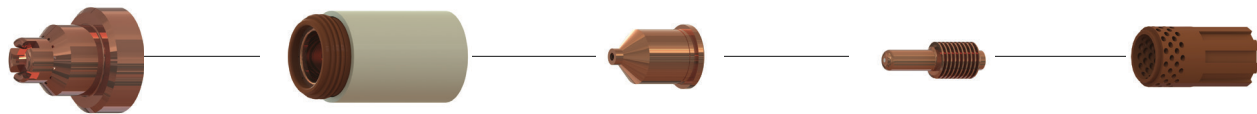
Shield
120929ATTC

Retaining Cap
120928

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

Electrode
120926ATTC

Swirl Ring
120925



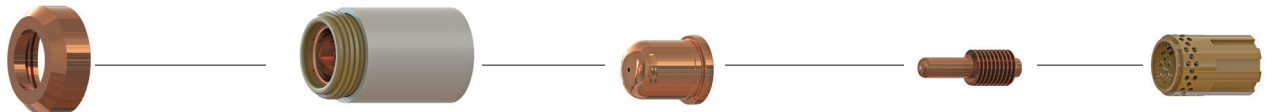
Shield
220065ATTC

Retaining Cap
220048

Nozzle
220011ATTC (100A)

Electrode
220037ATTC

Swirl Ring
220051



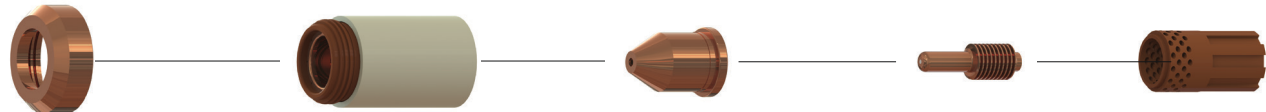
Deflector
120979

Retaining Cap
120928

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

Electrode
120926ATTC

Swirl Ring
120925



Deflector
120979

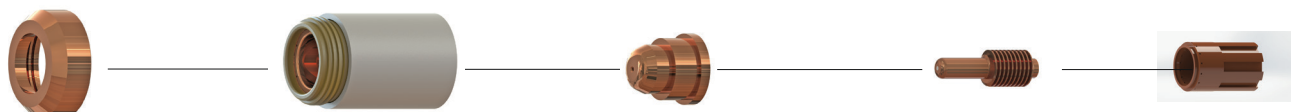
Retaining Cap
220048

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

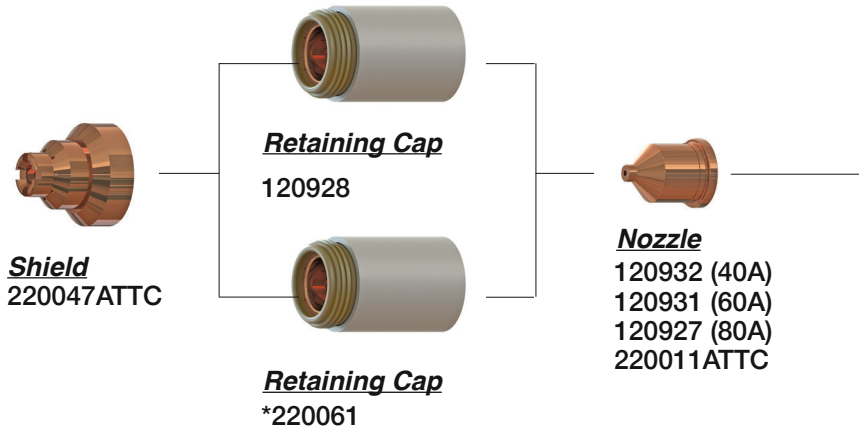
Not Shown

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

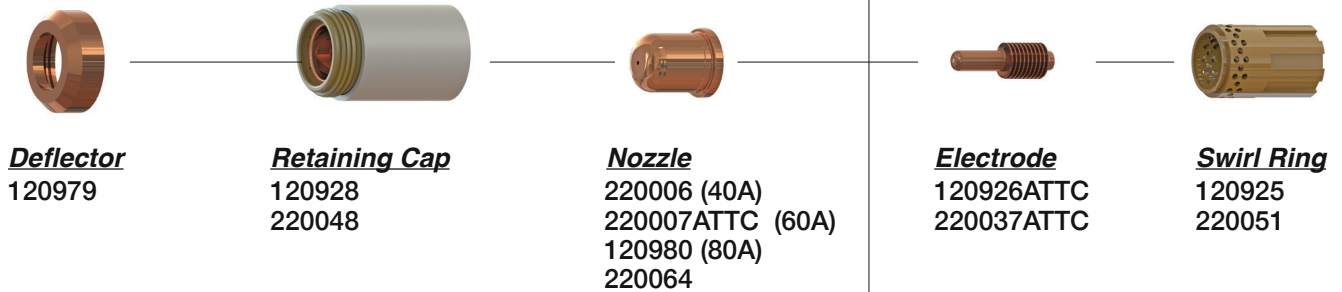
HYPERTHERM[®]

HYPERTHERM[®] POWERMAX-1650

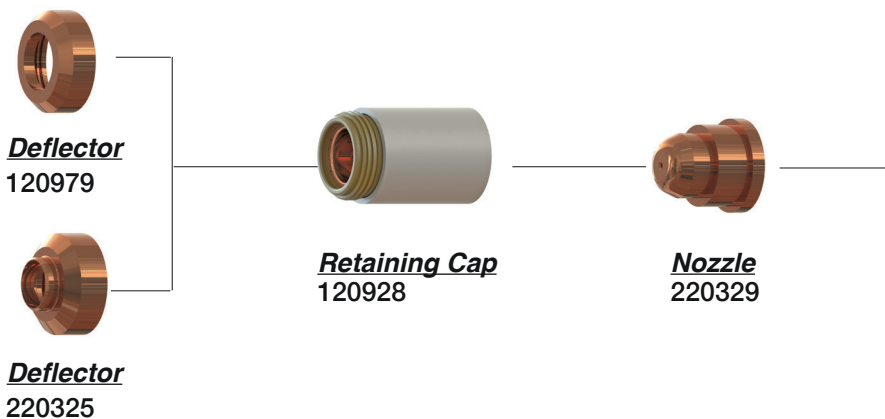
**MACHINE TORCH
(Shielded Parts)**



(Non-Shielded Parts)



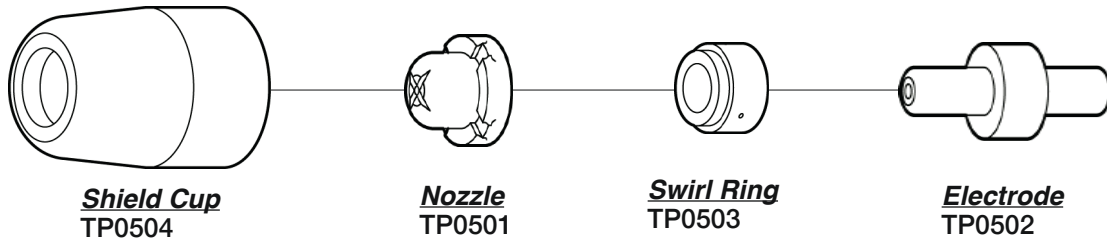
(FINECUT)



Not Shown

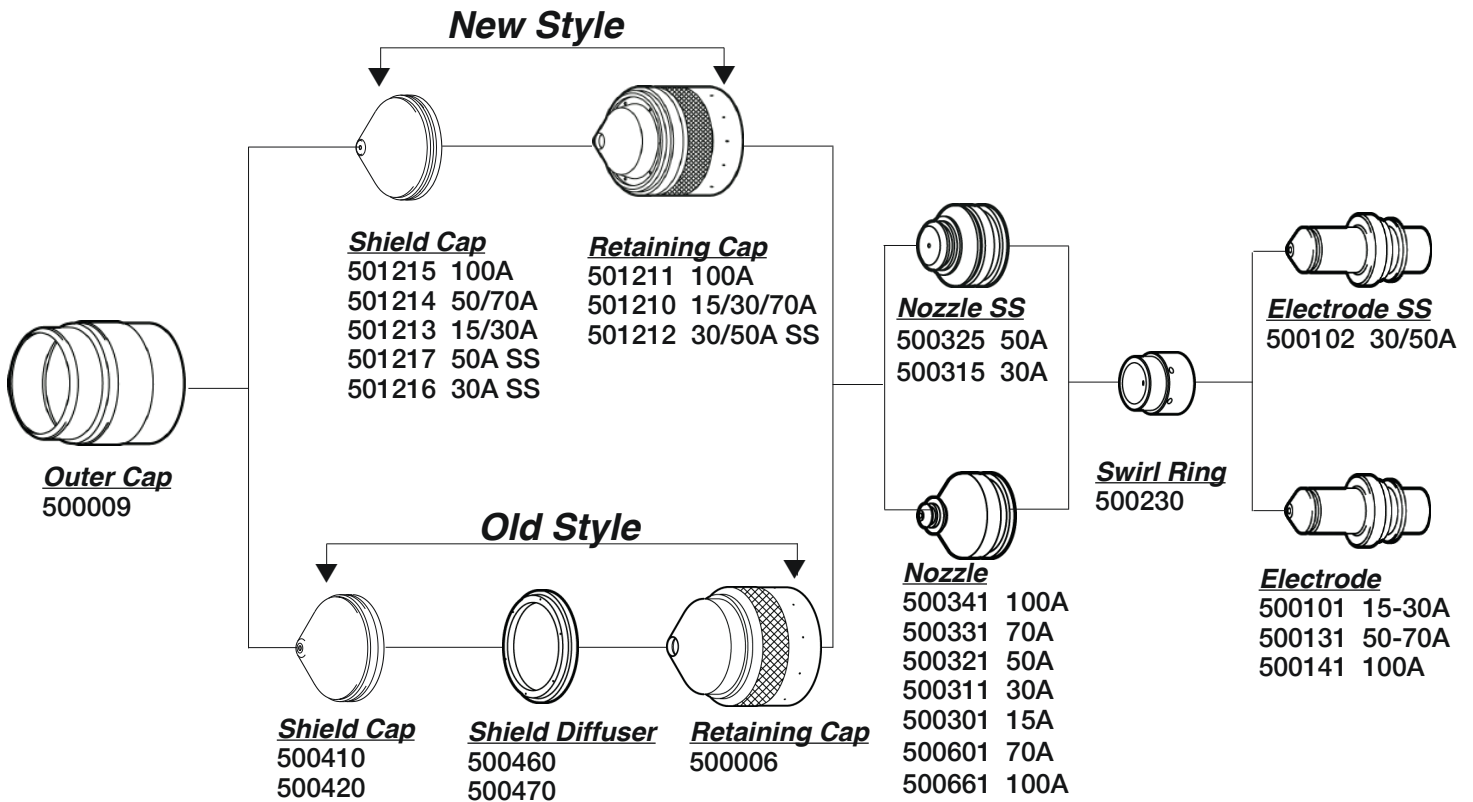
- 128754 - Torch Body, Machine
- 059265 - Machine Torch & Lead 25'
- 059268 - Machine Torch & Lead 35'
- 059272 - Machine Torch & Lead 50'
- 128643 - Mounting Sleeve

JIANGNAN[®] TECH APC-50



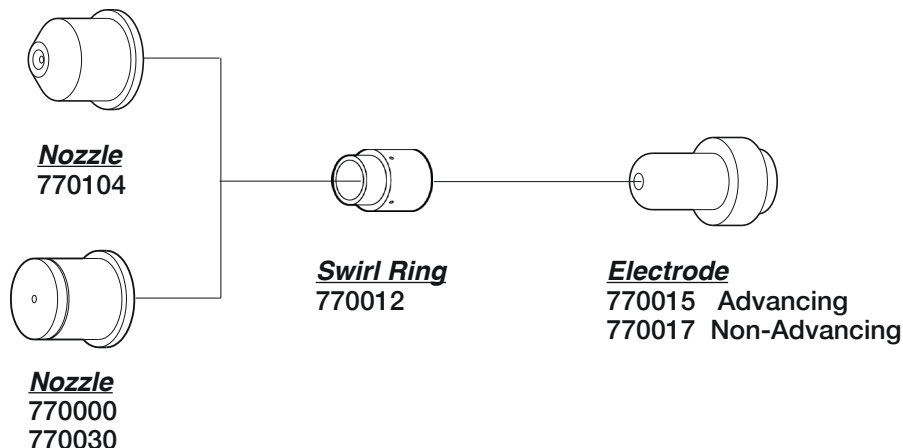
KALIBURN[®] (INNER LOGIC[®])

FL-100 PC



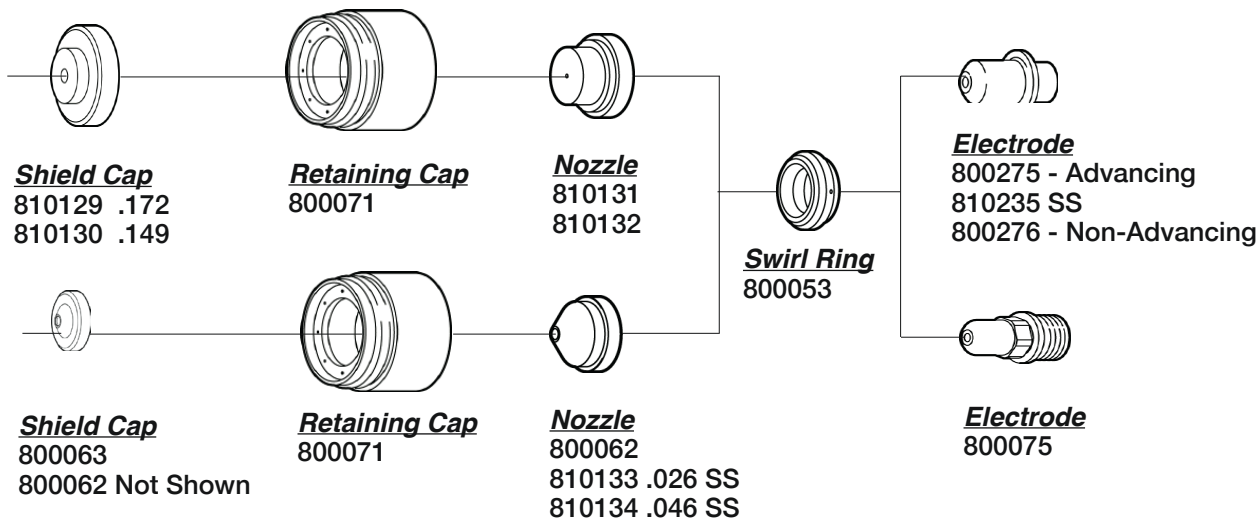
KALIBURN® (INNER LOGIC®)

SR-45i



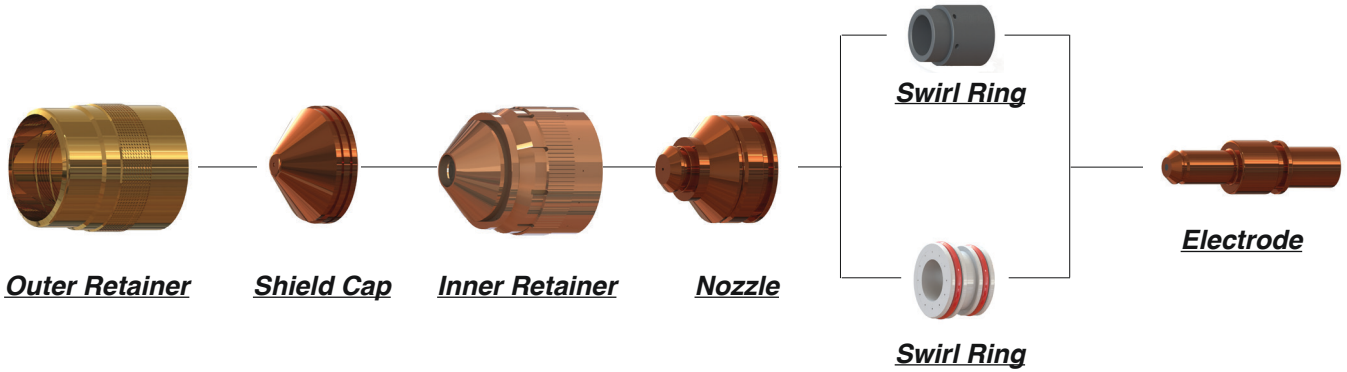
Not Shown
770072 O-Ring

SR-100i



KALIBURN[®] (INNER LOGIC[®])

**FL-200
Mild Steel**

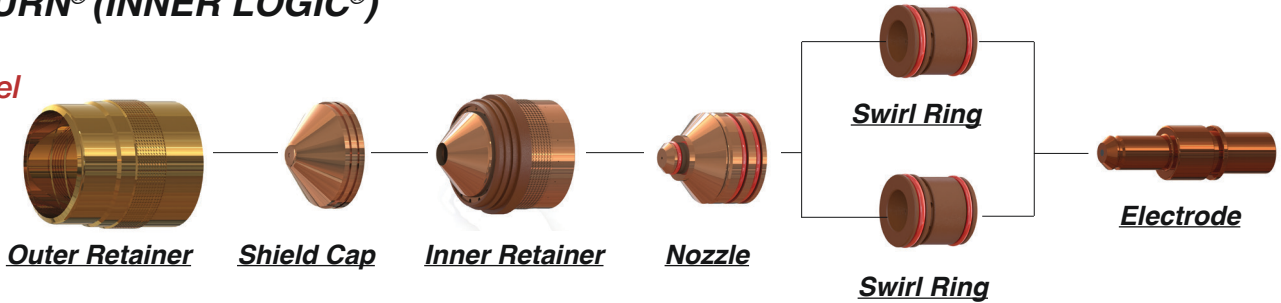


Fineline[®] (FL 200)							
Mild Steel							
Amperage	Outer Cap	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	
30 amps	200210	200230	200217	200222	200277	200213	
50 amps C		200230 / 200231	200217	200223	200277	200214	use 200231 for hot rolled
70 amps		200231	200217	200224	200277	200214	
100 amps		200232	200218	200225	200277	200215	
200 amps		200234	200218 / 200219	200227	200221	202115	use 200219 for 3/4" & greater
Stainless Steel							
Amperage	Outer Cap	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	
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.
[Click here for Free Trial!](#)

KALIBURN® (INNER LOGIC®)

PL2200
 Mild Steel



Proline / Fineline to Spirit

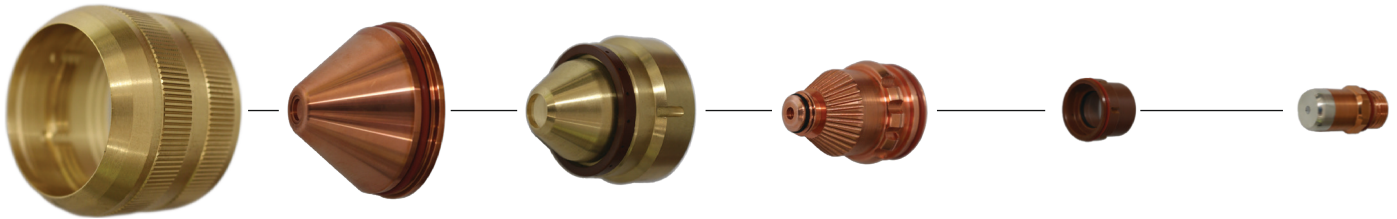
Amperage	Outer Cap	Shield Cap	Inner Retainer	Nozzle	Swirl Ring	Electrode	
		O2 Plasma / Air Shield			Mild Steel		
10 amps	277154	277145	277152	277120	277140	277190ATTC	(marking N2/N2)
30 amps		277145	277153	277120	277140	277130ATTC	(O2 / O2)
50 amps C		277115	277153	277122	277140	277131ATTC	(O2 / O2 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"
		Air Plasma /N2 Shield			Stainless Steel		
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
		H17 Plasma / N2 Shield			Stainless Steel		
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"
		Air Plasma /N2 Shield			Aluminum		
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

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

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™

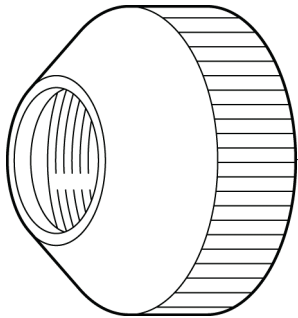
Click here to sign up for a **FREE TRIAL!**

AMERICAN
TORCH TIP **ATTC**™

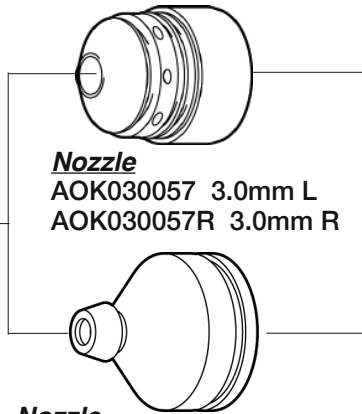
PLASMA

KOIKE[®]

KOIKE[®] 254

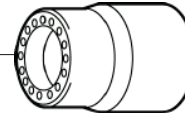


Torch Nosepiece
254-40

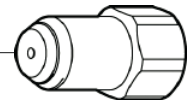


Nozzle
AOK030057 3.0mm L
AOK030057R 3.0mm R

Nozzle
ZP14003 2.3mm (50), Green Dot
ZPAPK03002 2.0mm (150), White Dot
ZPAPK03001 1.8mm (150), Yellow Dot

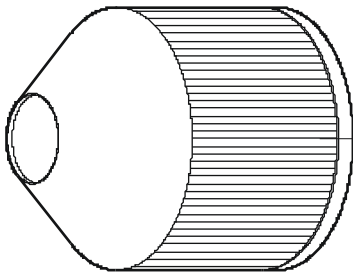


Centering Stone
254-35 R
254-36 L
APK031024 L
APK031024 R

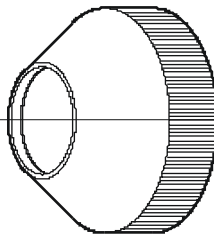


Electrode
ZP14002LL
ZP14002
TP2001

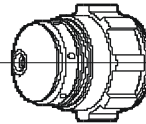
KOIKE[®] SUPER 400



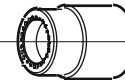
Outer Retainer
40020503



Inner Retainer
40016366



Nozzle
40017233 (R)
40017234 (L)
AOK030056 4mm L
AOK030056-2.1 2.1mm L
AOK030056-2.1R 2.1mm R
AOK030056-2.3R 2.3mm R
AOK030056-2.5R 2.5mm R
AOK030057 3.0mm L
AOK030057R 3.0mm R
AOK030060 2.5mm R

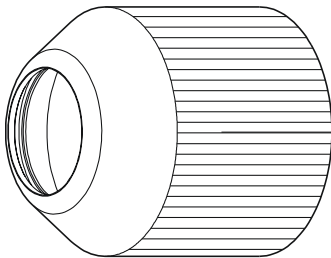


Diffuser
40001899

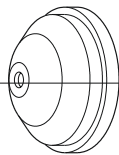


Electrode
40016358

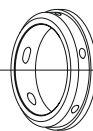
KOIKE[®] SUPER 400 OPS - STAINLESS STEEL



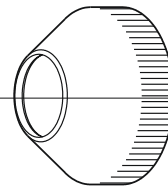
Outer Nozzle
250.030.091 3.6mm
250.030.092 4.8mm



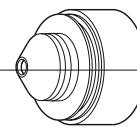
Outer Nozzle
250.030.091 3.6mm
250.030.092 4.8mm



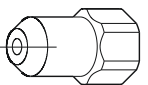
Swirl Ring
250.031.228



Inner Retainer
250.031.332



Nozzle
250.030.093 2.5mm
250.030.094 3.0mm

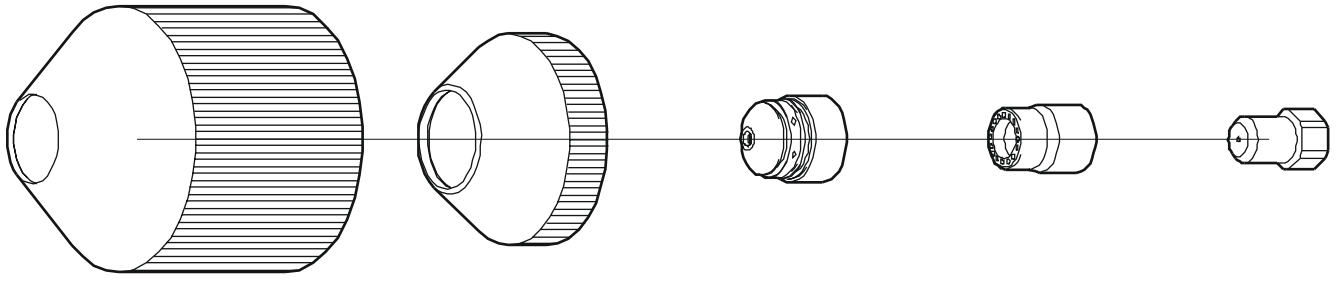


Electrode
250.031.040

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)

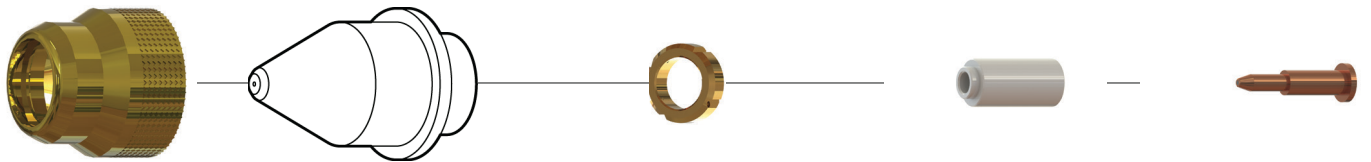
Swirl Ring
APK031204
APK031205

Electrode
APK031027
40008459 (P Type)

KOMATSU®

40A HIGH DEFINITION

ROBOTIC TORCH



Cap
7848-605850

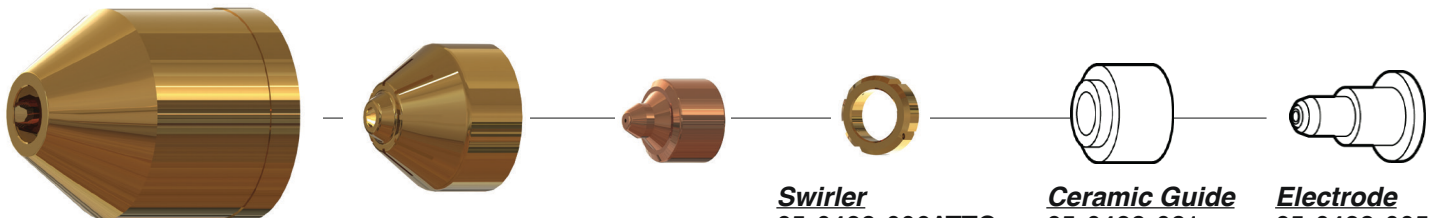
Nozzle
7848-605830ATTC .6mm

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

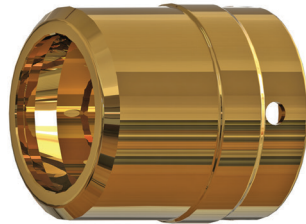
Electrode
65-0432-005

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

KOMATSU[®]

KOMATSU[®] 40 QUICKSILVER

PLASMA



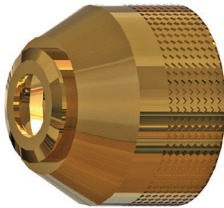
Cap
65-0436-008 #2



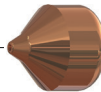
Shield Cap
65-0436-007



Spacer
65-0436-006



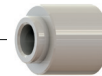
Cap
65-0436-005 #1



Nozzle
65-0436-004



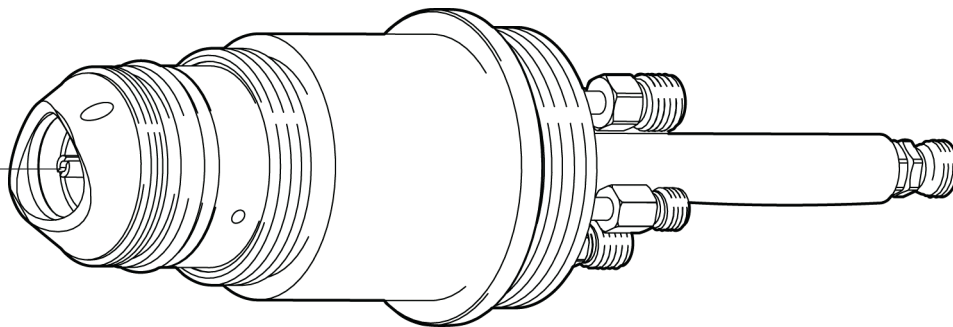
Swirler
65-0436-003ATTC



Ceramic Guide
65-0432-021



Electrode
65-0436-002

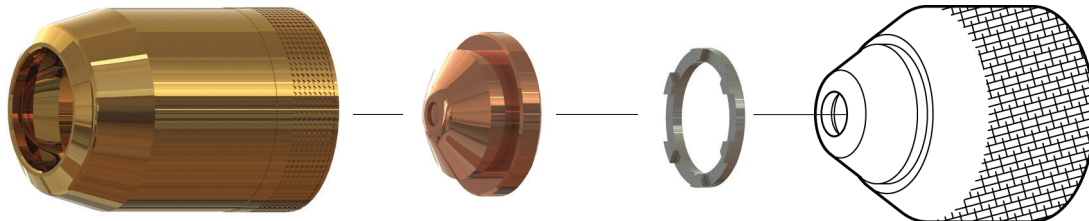


Torch Body
65-0430-022

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KOMATSU® 90A HIGH DEFINITION

PLASMA

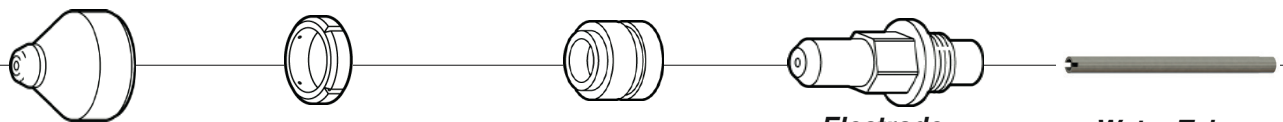


Cap #2
65-0434-016

Shield Cap
65-0434-019

Spacer Ring
65-0434-022

Cap #1
65-0434-015



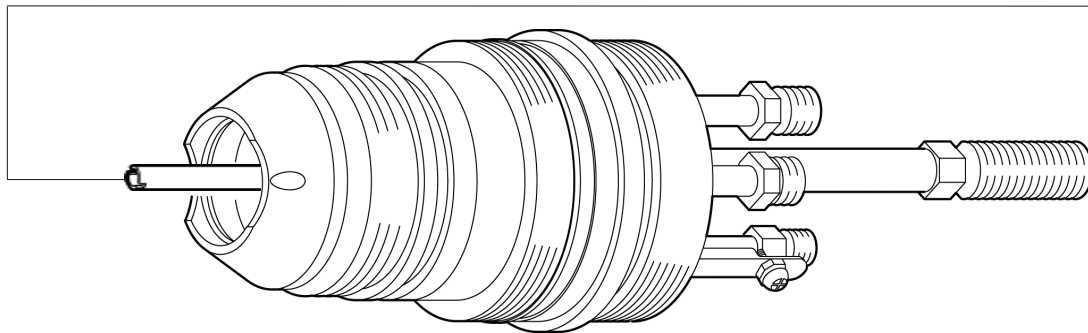
Nozzle
65-0434-007 1.1mm
65-0434-017 0.8mm

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

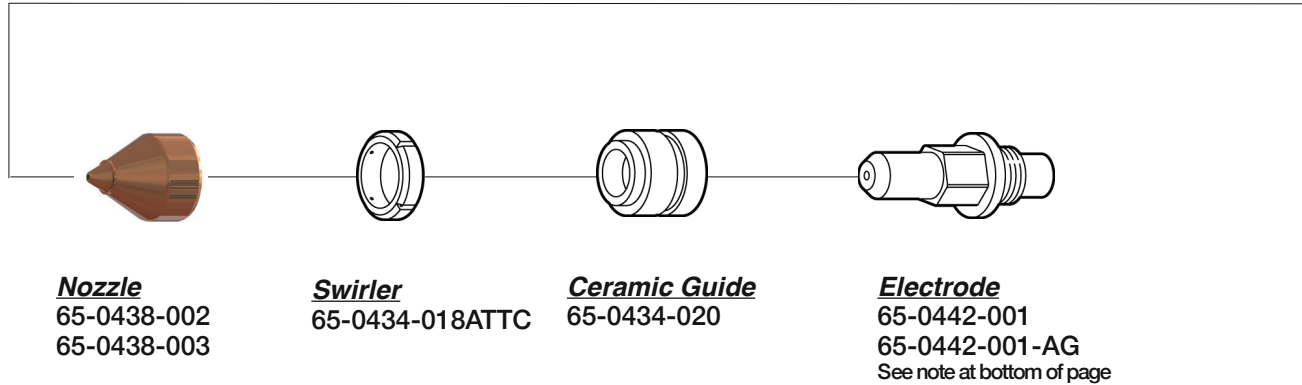
Not Shown
65-0434-021 90A O-Ring Kit, Retainer
65-0434-023 90A O-Ring Kit, Nozzle
65-0434-012 Torch Body w/6' Lead

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

KOMATSU[®]

KOMATSU[®] 90 QUICKSILVER

PLASMA



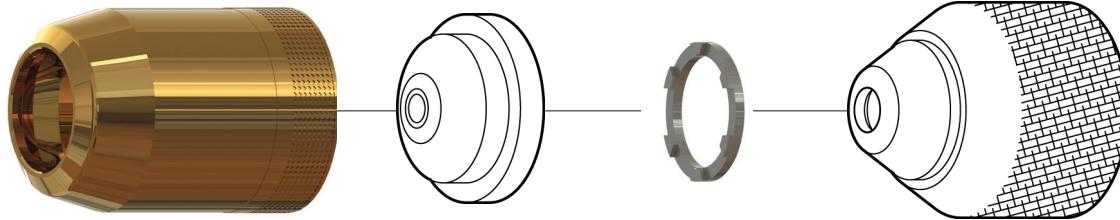
Not Shown
65-0430-020 Torch Body 90A
65-0442-006 Torch Body 120A

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

KOMATSU®

KOMATSU® 120A

PLASMA

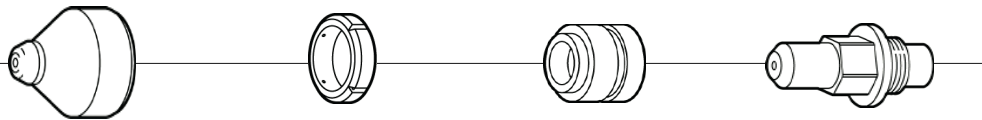


Cap #2
65-0434-016

Shield Cap
65-0442-005

Spacer Ring
65-0442-004

Cap #1
65-0434-015



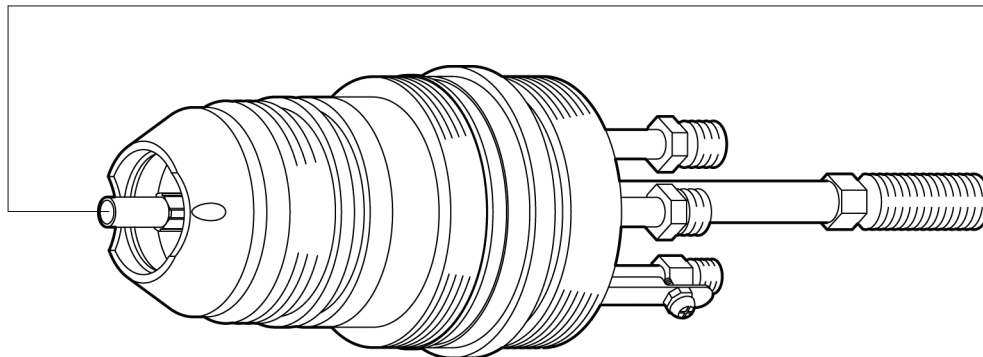
Nozzle
65-0442-002 1.3mm
65-0442-118 0.6mm

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

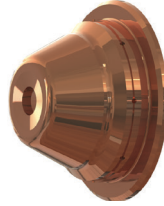
KOMATSU[®]

KOMATSU[®] (TWISTER 30KW)

PLASMA



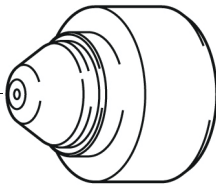
Outer Cap
969-95-24470
Or
65-0444-019



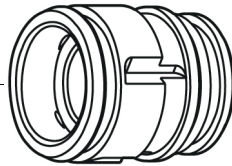
Shield Cap
969-95-24750
Or
65-0444-020



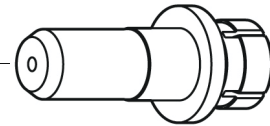
Ring Spacer
969-95-24141
Or
65-0444-009



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)

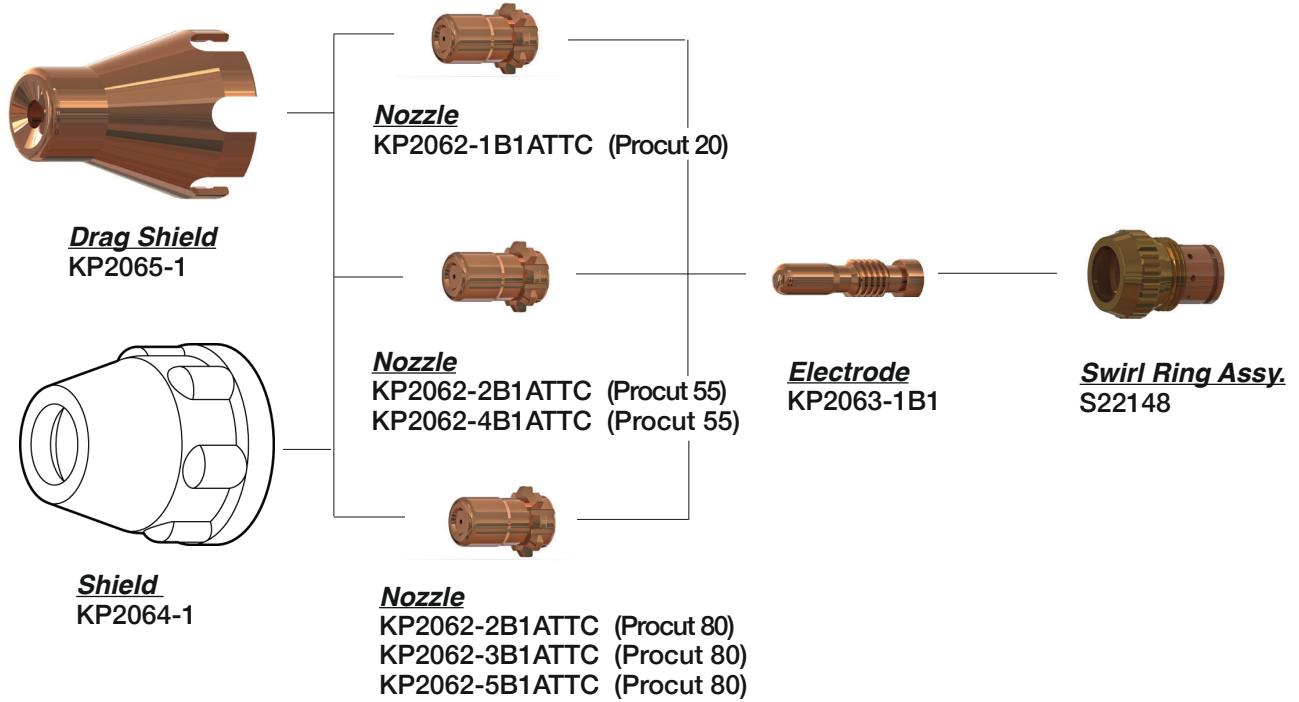
Electrode
KP2844-1 ((W03X0893-25A)

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

LINCOLN[®]

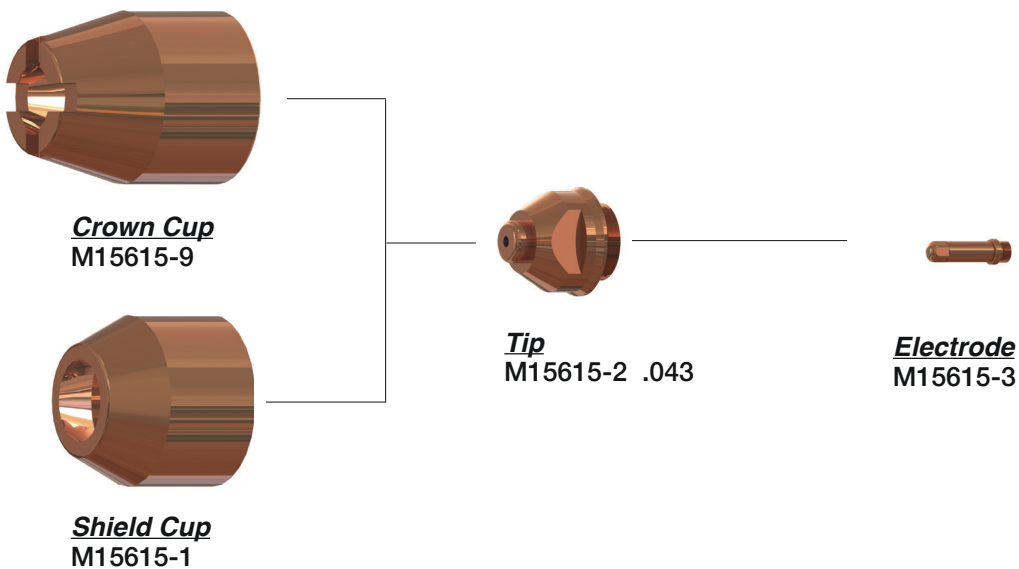
LINCOLN[®] PROCUT 20, 55, 80

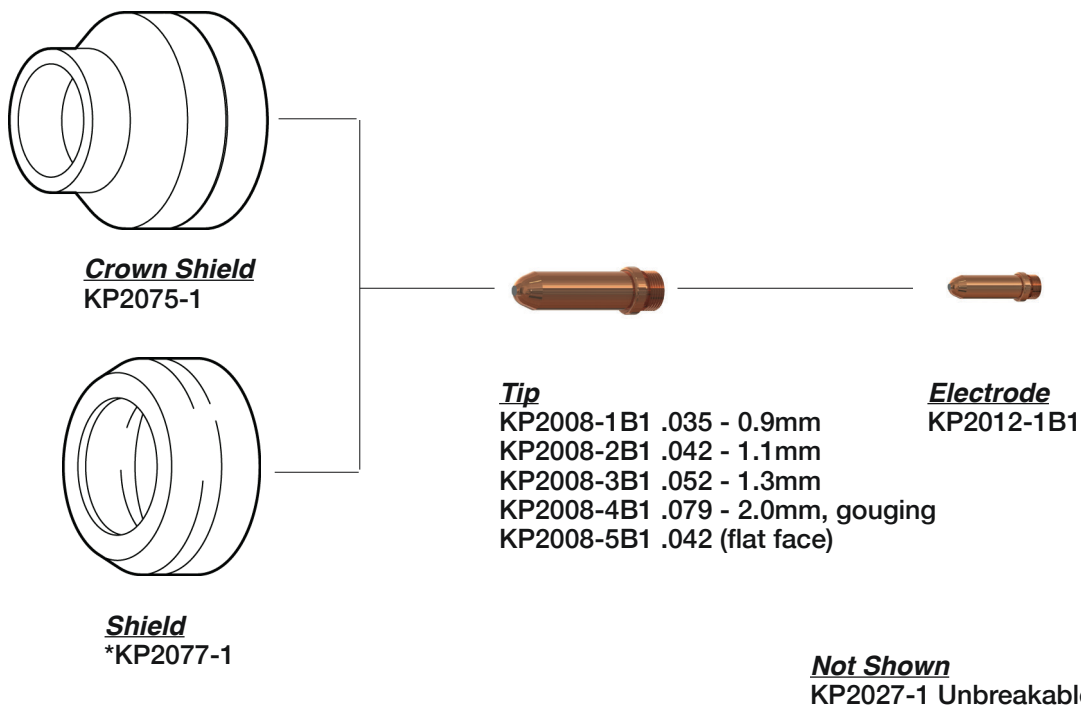
PLASMA



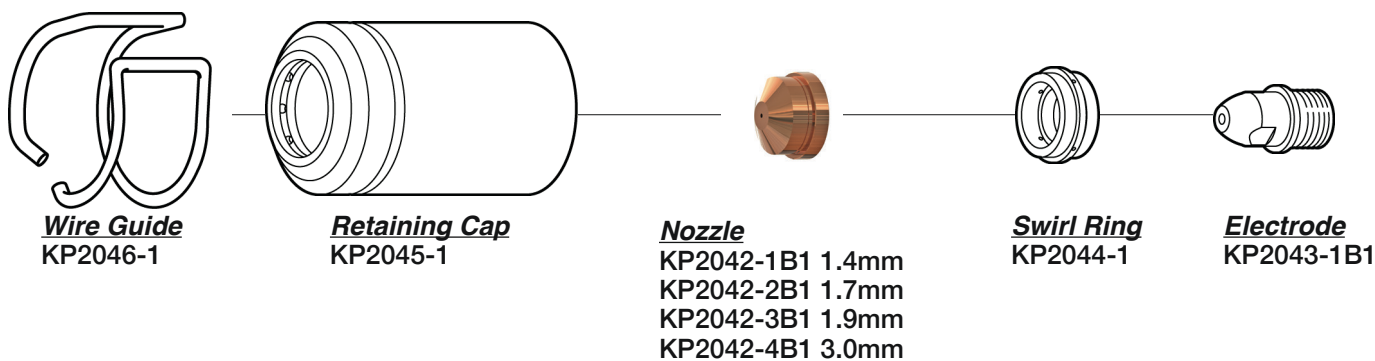
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K1571-1 Torch W/lead 25'

LINCOLN[®] PROCUT 40





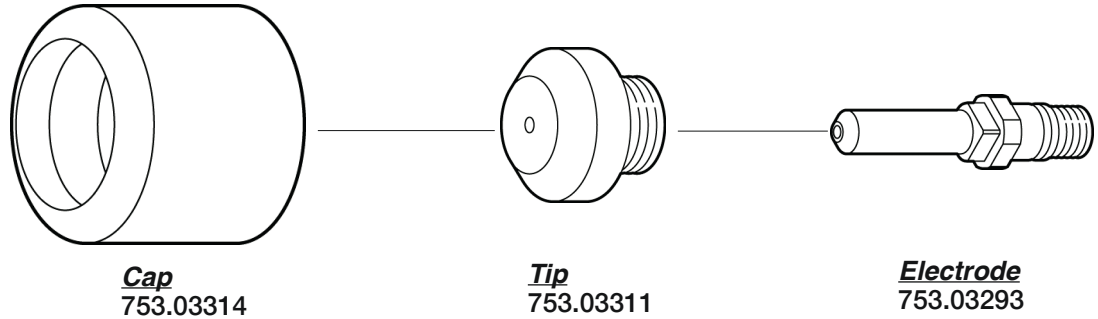
LINCOLN® PROCUT 125



Not Shown
K880-5 Torch W/lead 25'

MESSER/MG[®]/MILLER[®]

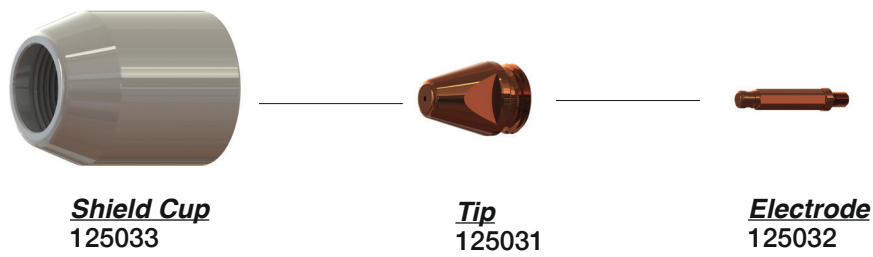
MESSER/MG[®] PCH60/PCH95



Not Shown

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

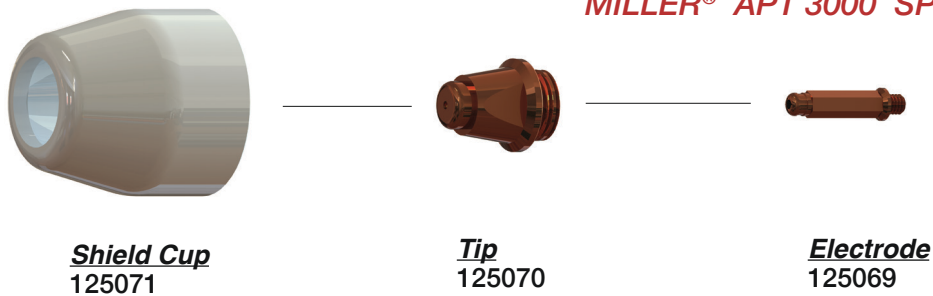
MILLER[®] APT 1000



Not Shown

*131190 Torch Body w/out Handle

MILLER[®] APT 3000 SPECTRUM 250D

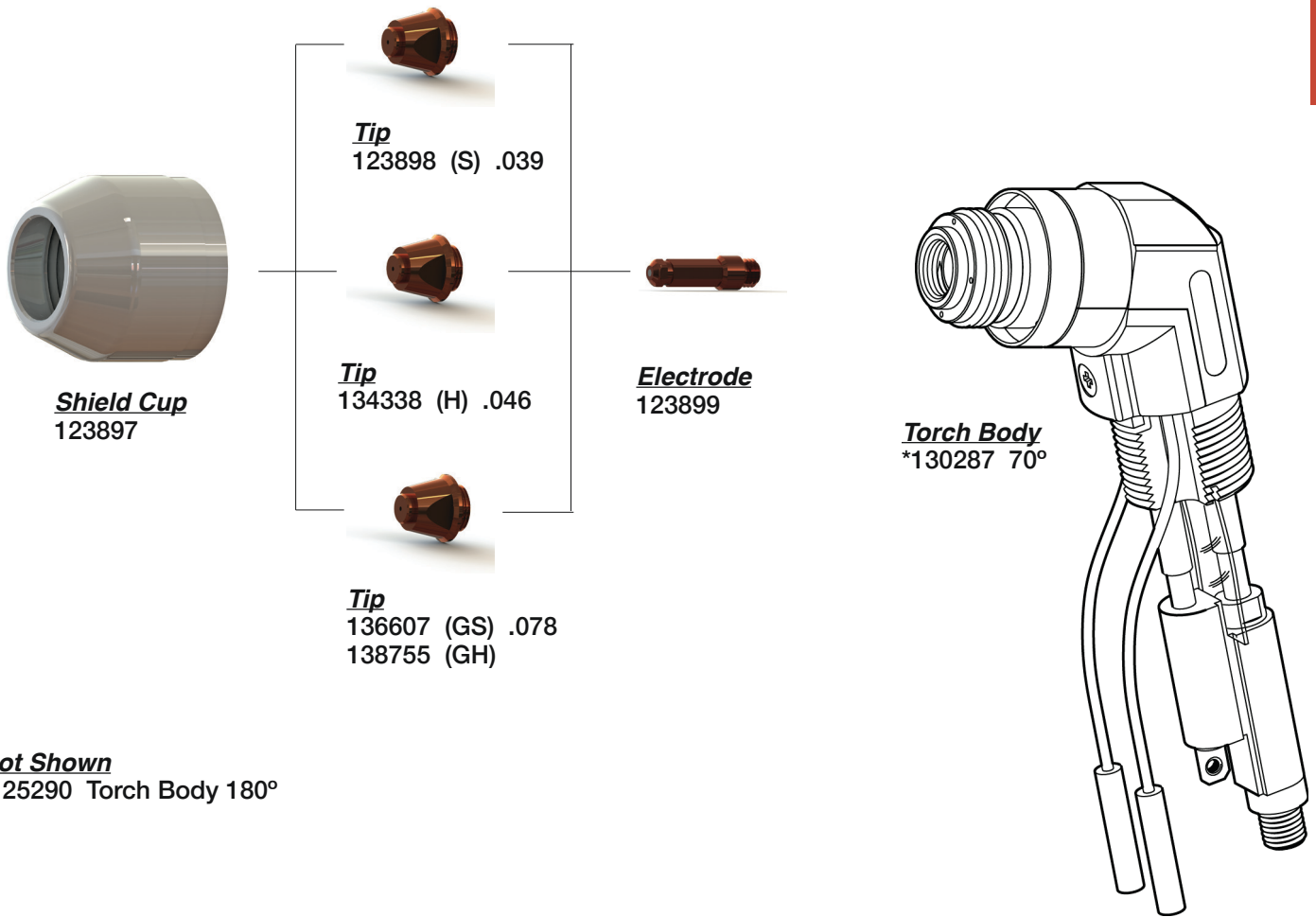


Not Shown

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

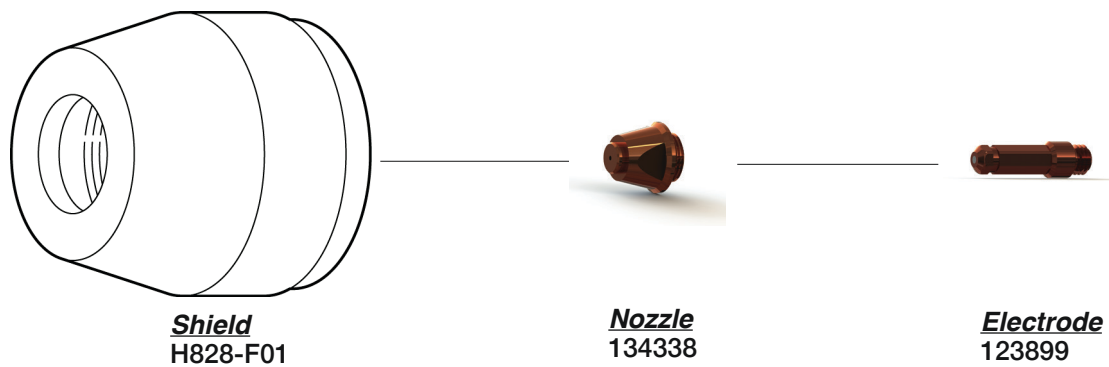
MILLER®

MILLER® APT 5000 SPECTRUM 500D



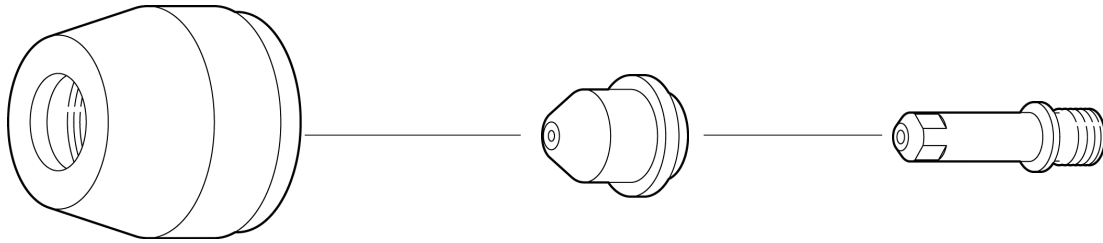
Not Shown
*125290 Torch Body 180°

MILLER® APT 7000



MILLER[®]

MILLER[®] APT 8000 SPECTRUM 1500/1500D

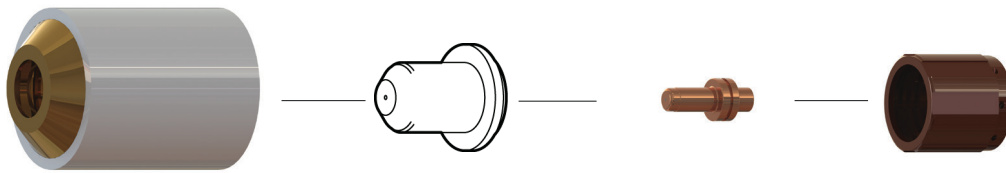


Shield Cup
125040 (unbreakable)

Nozzle
125038

Electrode
125039

MILLER[®] ICE-12C



Shield Cup
*196928

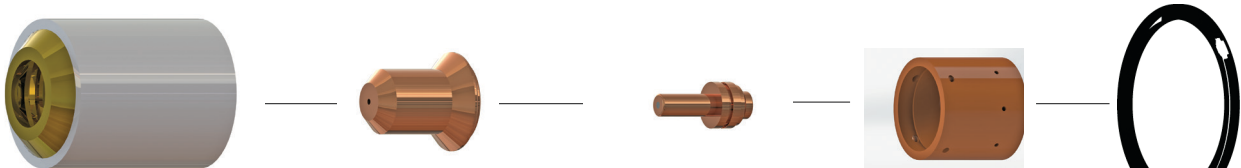
Nozzle
196926

Electrode
196925 12A

Swirl Ring
*196927 12A

Not Shown
126778 180° Torch w/50' lead

MILLER[®] ICE-25C/ 27C SPECTRUM 300



Shield Cup
202808

Nozzle
176656 25A

Electrode
176655 25A

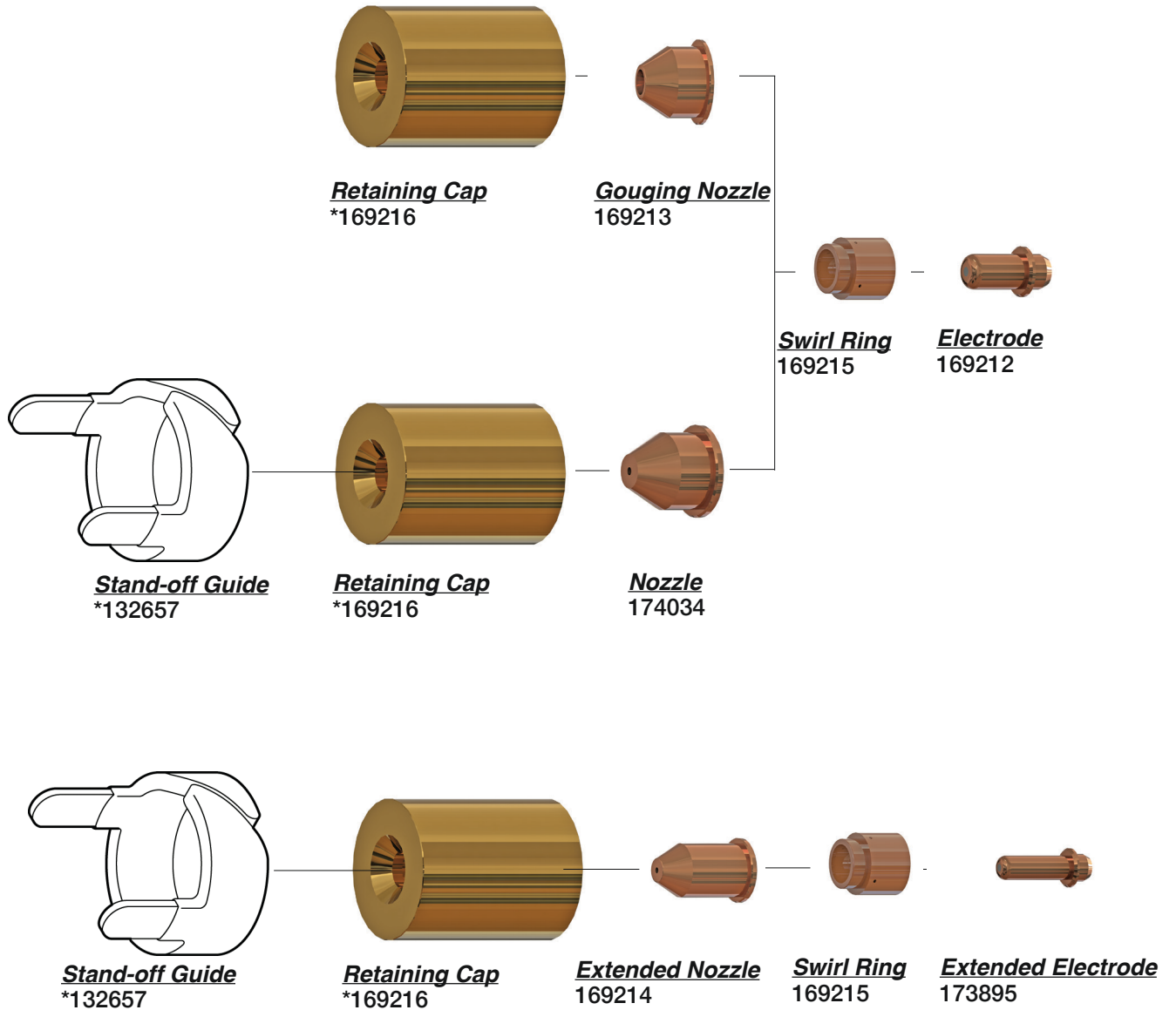
Swirl Ring
202809 25A

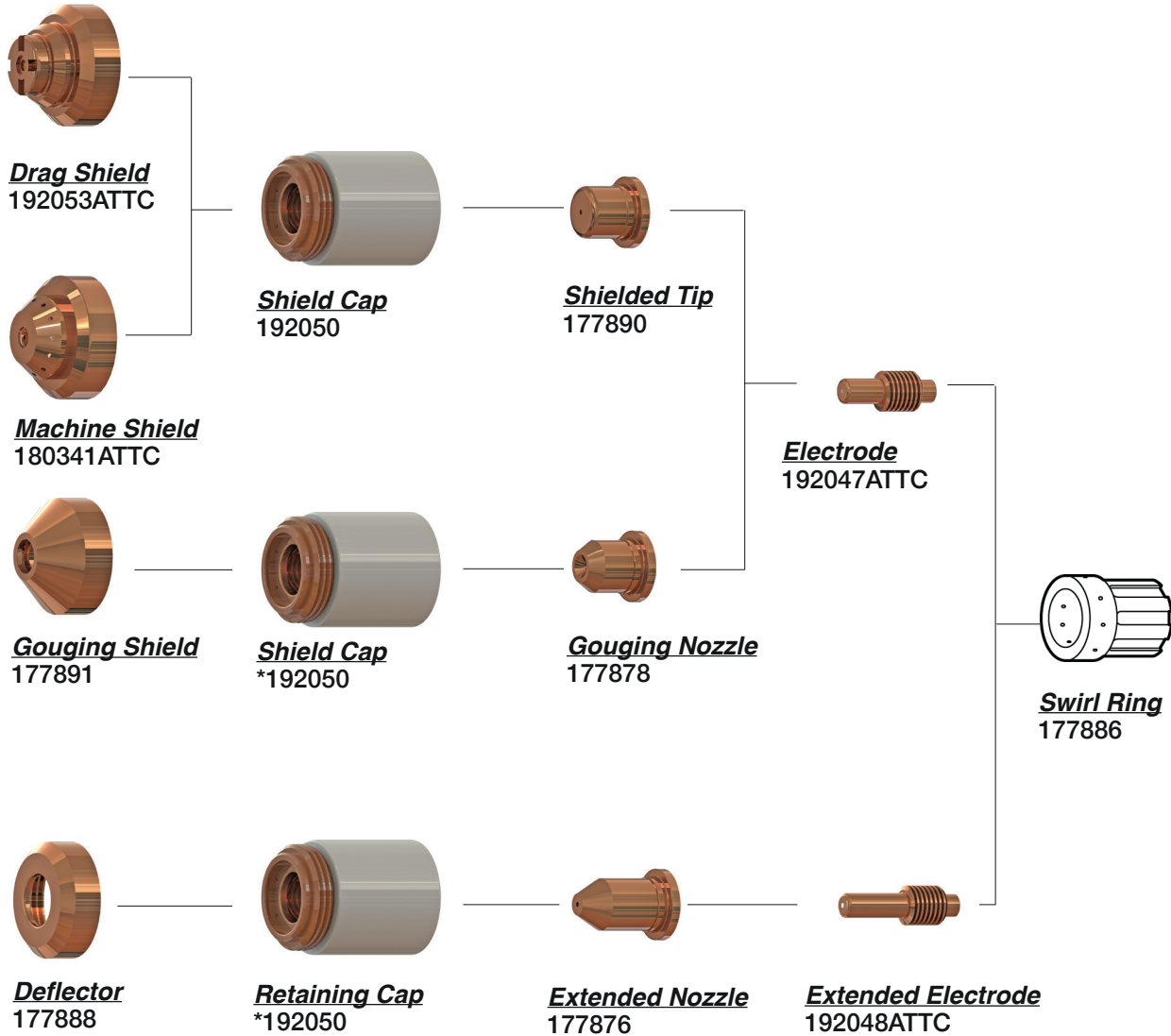
O-Ring
169232

MILLER®

MILLER® ICE 50

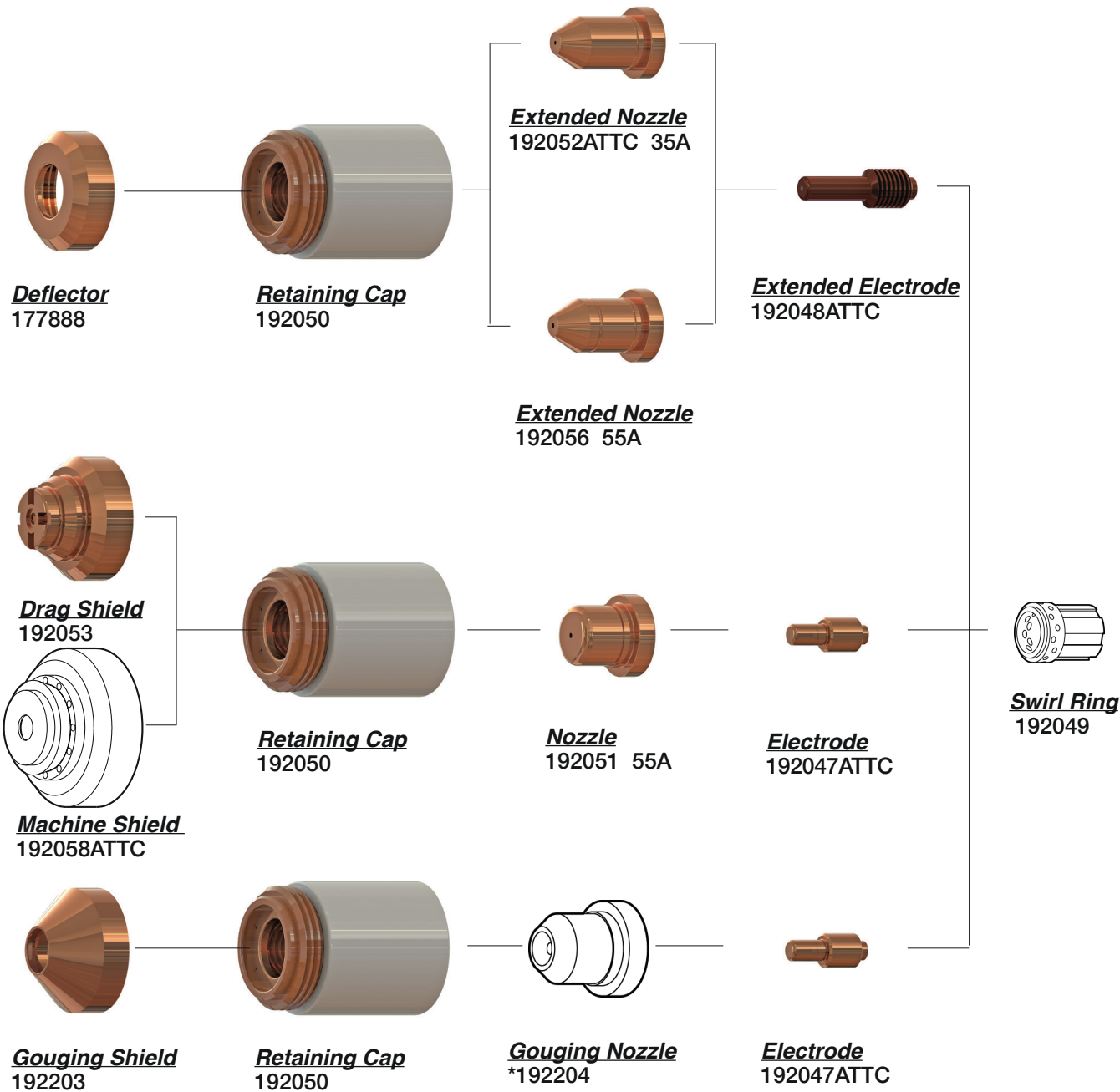
PLASMA





MILLER[®]

MILLER[®] ICE 55C

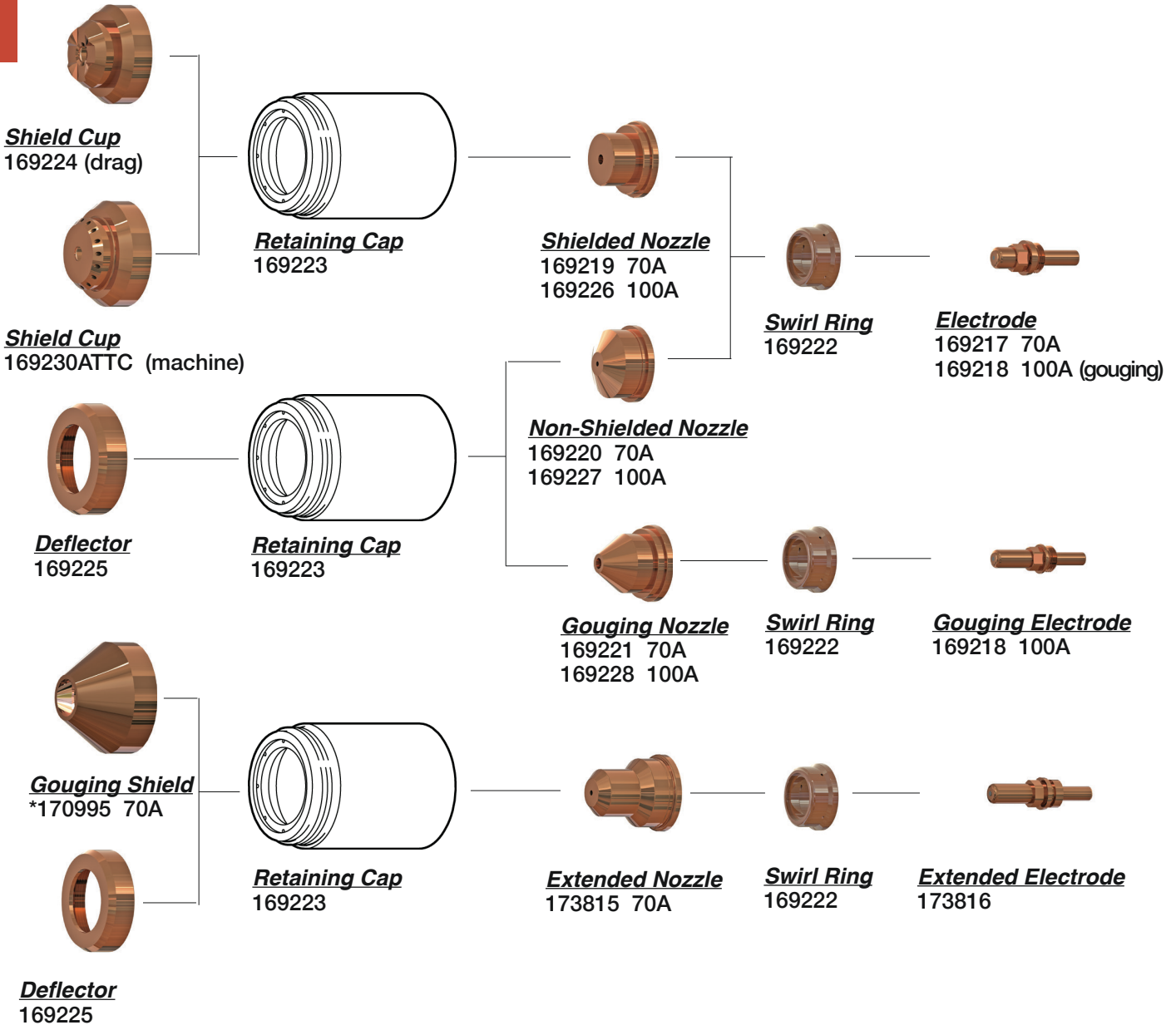


Not Shown

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

MILLER[®] ICE 70-SPECTRUM 1000 / ICE100-SPECTRUM 1250

PLASMA

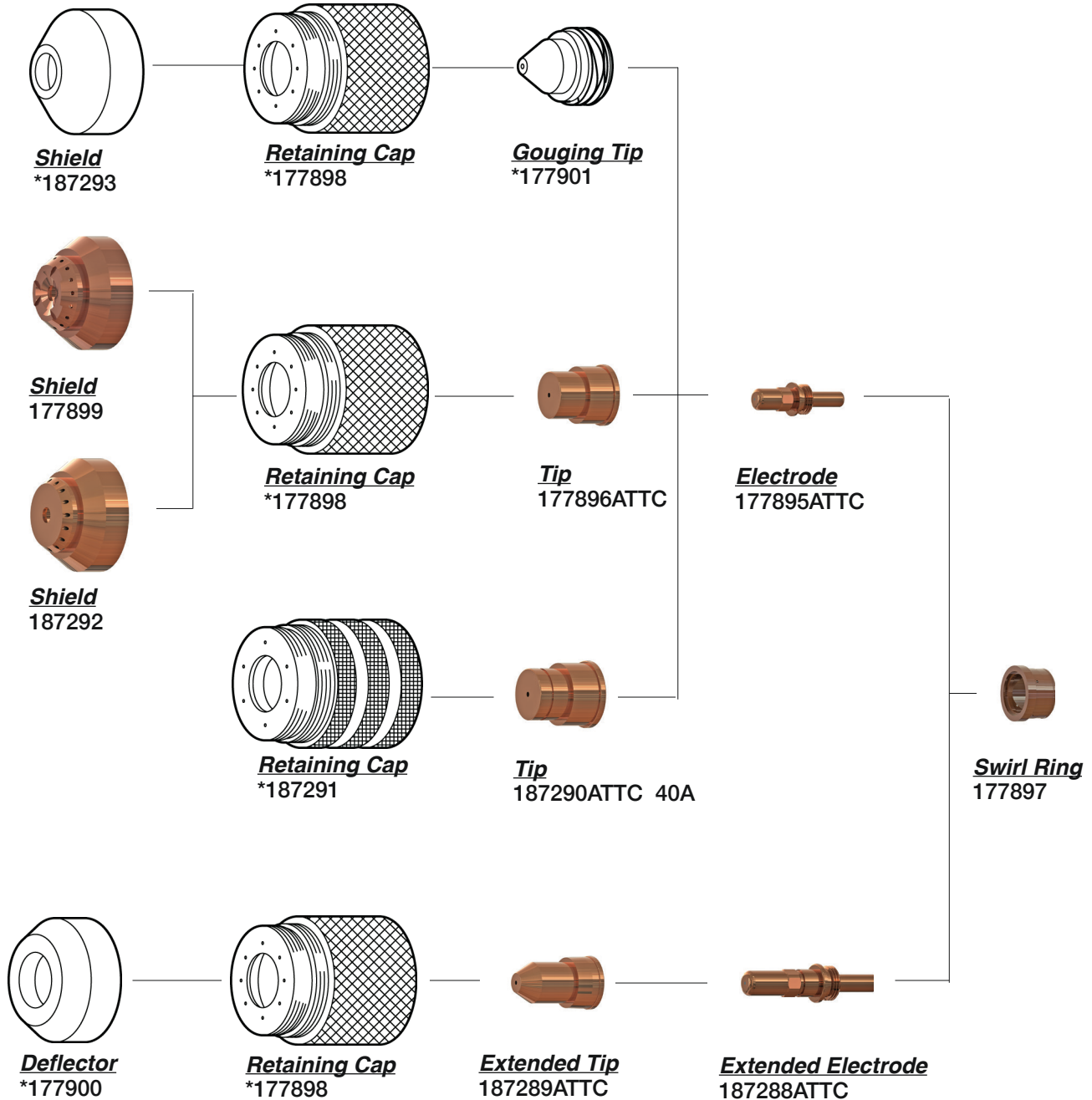


Not Shown

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

MILLER[®]

MILLER[®] ICE-80/80CM SPECTRUM PLUS



Not Shown

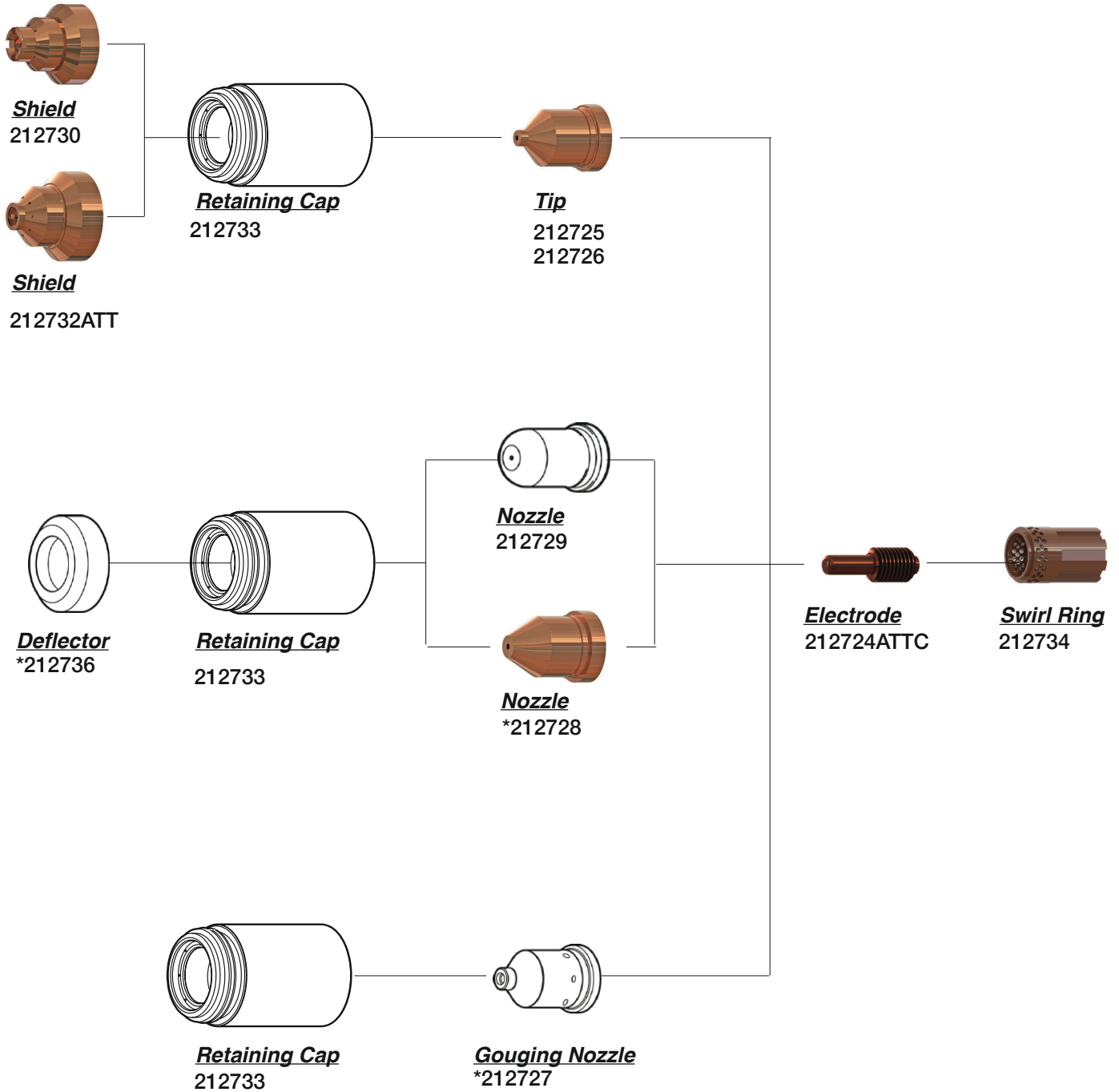
*172384 Torch Head, 70°

*172385 Torch Head, 70° w/25' Leads

MILLER[®]

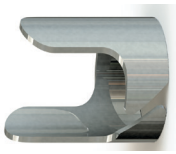
MILLER[®] ICE-80CX / 80T

PLASMA

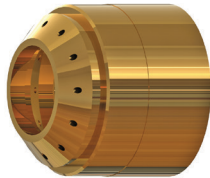


MILLER®

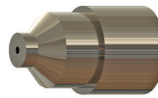
MILLER® MC80



Stand-off Guide
*171873



Shield Cup
*171874



Nozzle
171871



Electrode
171870

Not Shown

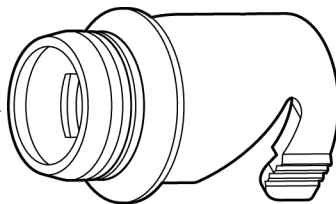
*172385 Hand Torch w/Kit

*175833 Machine Torch w/Kit

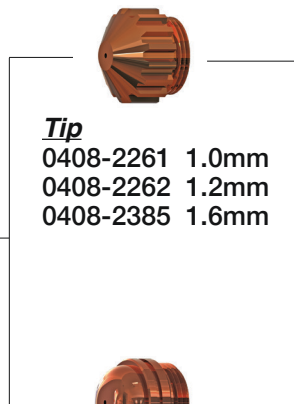
PLAZCUT® (NERTAJET)



Guide Wire
095485



Drill Plate
095484



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



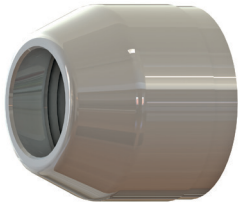
Electrode
095482
0408-2404



Tip
095483

MULTI QUIP[®]

MULTI QUIP[®] PCX50SS



Shield Cup
24074

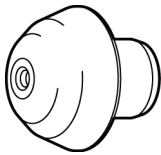


Tip
24084 (S)

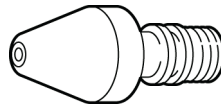


Electrode
24072

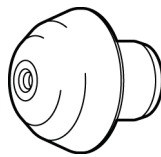
NIPPON STEEL[®]



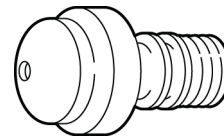
Tip
50305-01-1 2H
50305-01-1 2H 2.6mm
50305-01-1 2H 3.0mm
50305-01-1 2H 3.2mm
50305-01-1 2H 4.0mm
50305-01-1 2H 4.8mm



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

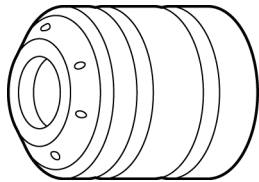


Tip
M07-01-1 2.4mm
M07-01-1 3.2mm

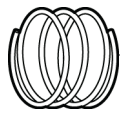
NU-TECSYS®

NU-TECSYS® NPT-3, 3R & 3S

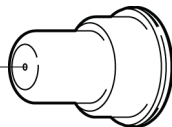
NEW STYLE



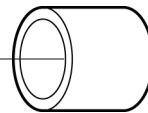
Retaining Cap
807.1053



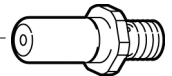
Spring
807.0054



Nozzle
807.0052 1.1mm
707.0052 1.0mm

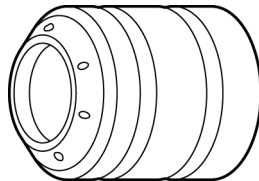


Insulator Sleeve
807.1055

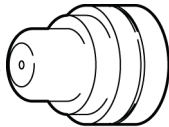


Electrode
807.0051 (30&31)
707.0051 (30)

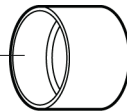
OLD STYLE



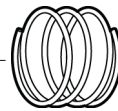
Retaining Cap
807.9053



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.

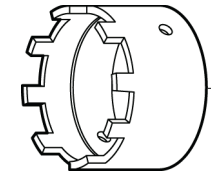
Not Shown

707.1052-SPECIAL Nozzle w/step

PLASMA

NU-TECSYS[®]

NU-TECSYS[®] NPT-4, 5 & 6



Stand-off Guide
710.0025 (8 leg)



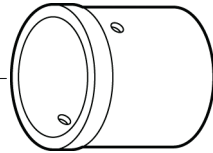
Stand-off Guide
710.0125 (2 leg)



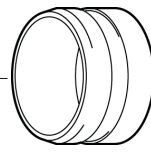
Spacer Spring
710.0027



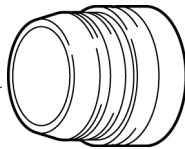
Stand-off Guide
710.0125 (2 leg)



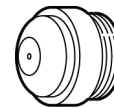
Stand-off Sleeve
710.0024



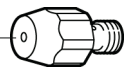
Stand-off Spacer
710.0023



Spring Support
710.0026

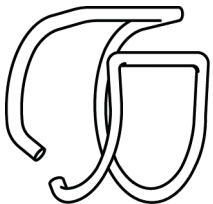


- Nozzle**
- 710.0015 30/40A 1.0mm
 - 710.0016 60A 1.3mm
 - 710.0017 110A 1.5mm
 - 710.0018 120A 1.8mm
 - 710.0019 1.0mm (30°)
 - 710.0021 1.5mm (30°)
 - 710.0022 1.8mm (30°)

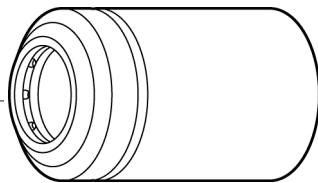


Electrode
710.0013

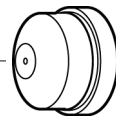
NU-TECSYS[®] NPT-12



Stand-off Guide
810.0027



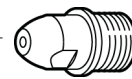
Retaining Cap
810.0052
810.0152 (gouging)



- 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



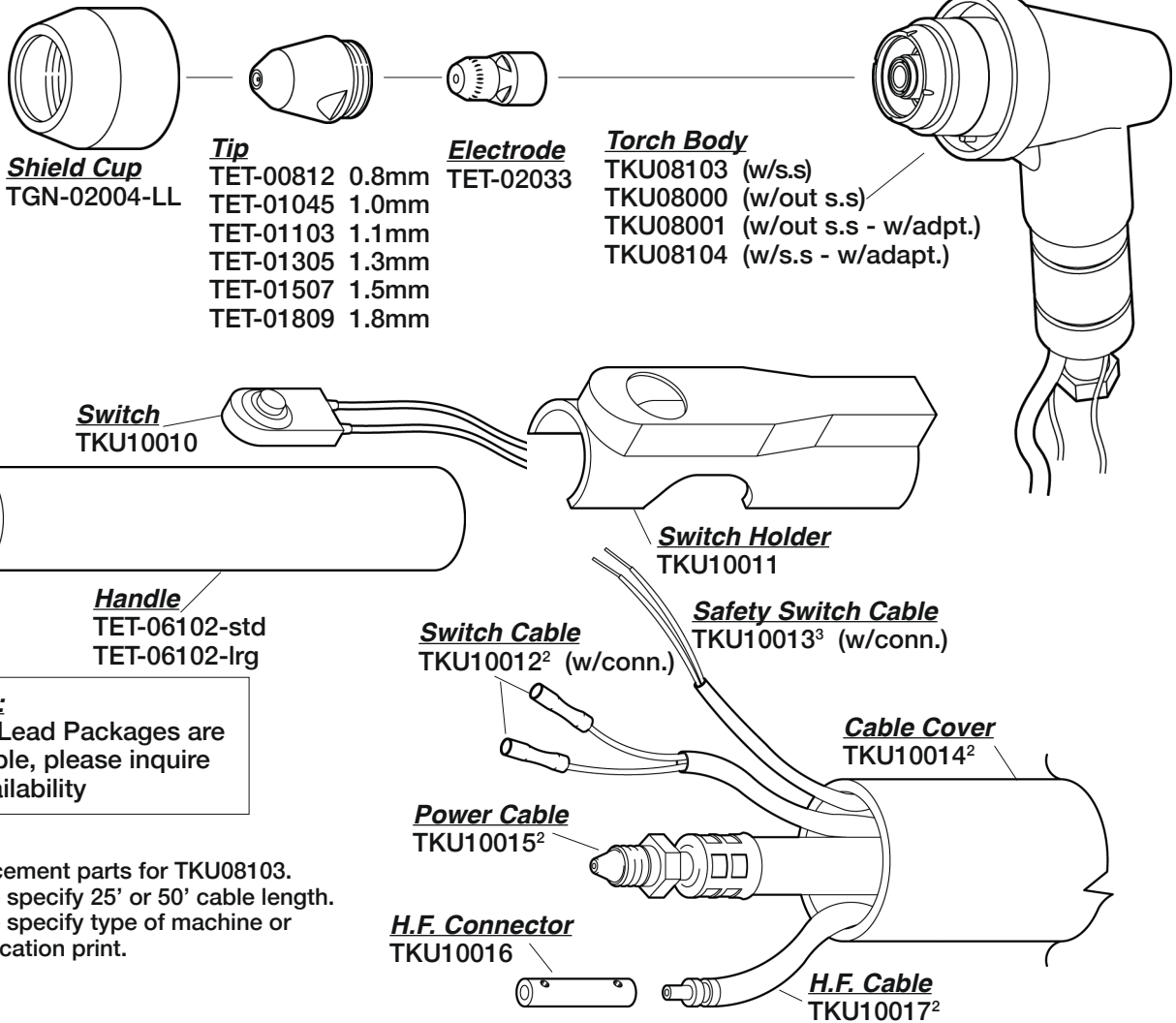
Electrode
810.0013 Air

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**
- TKU10007¹ Safety Switch
 - TKU10019³ 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[®]
PANASONIC[®] 35A



Nozzle
TET-01035 1.0mm

Electrode
TET-02035

P-TRON[®] PZ-8

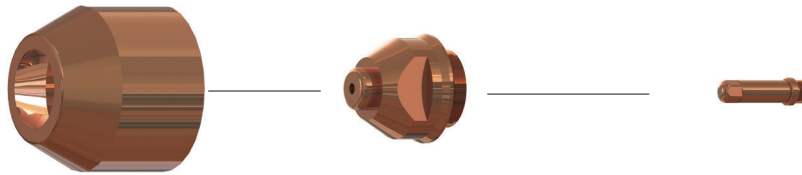


Nozzle
23-6302 .040

Gas Distributor
8-3233

Electrode
23-6301

P-TRON[®] PZ-75



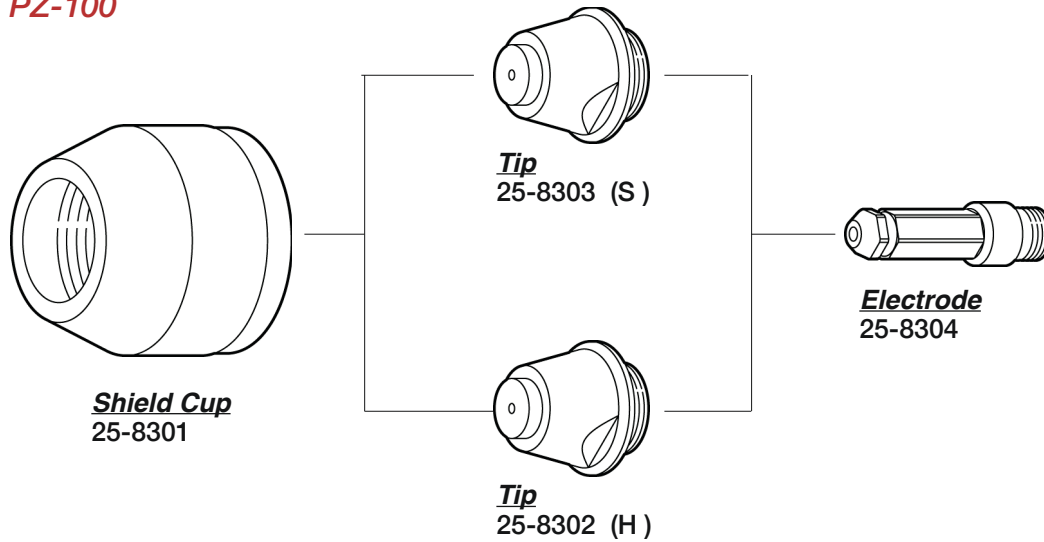
Shield Cup
24-7301

Tip
24-7302

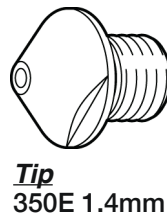
Electrode
24-7304

P-TRON®

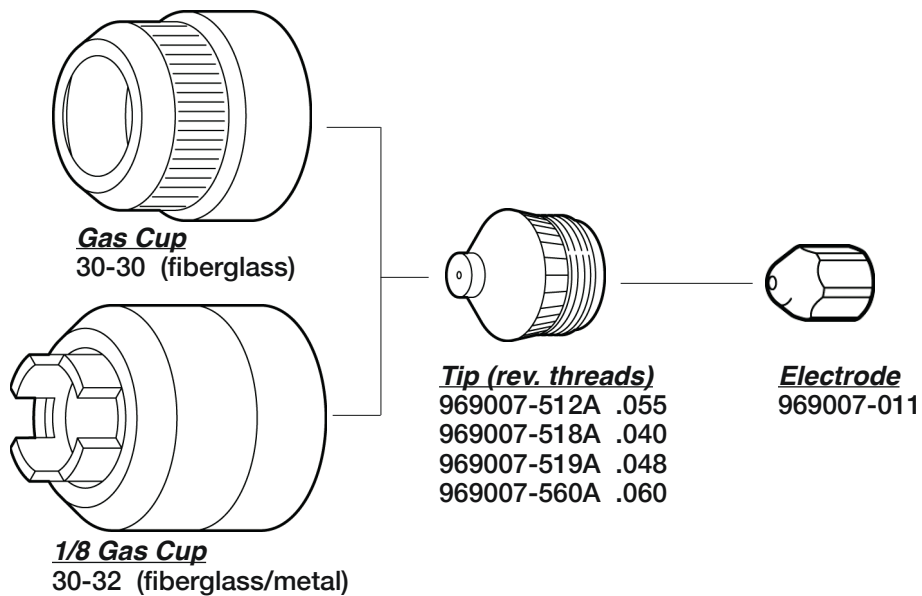
P-TRON® PZ-100



PMW®

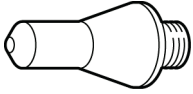


POW-CON® PT 80

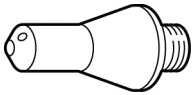


SACHERON[®]

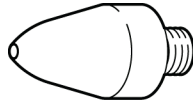
SACHERON[®]



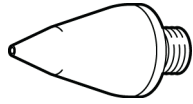
Nozzle
9000-943058 .047 1.2mm



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

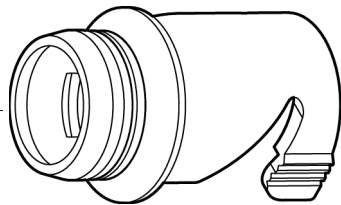


Electrode
9000-8142-C

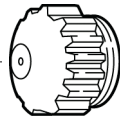
SAF[®]



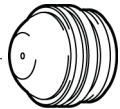
Guide Wire
0408-2053



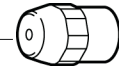
Drill Plate
0408-2054



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



Tip
0408-2052 20/40



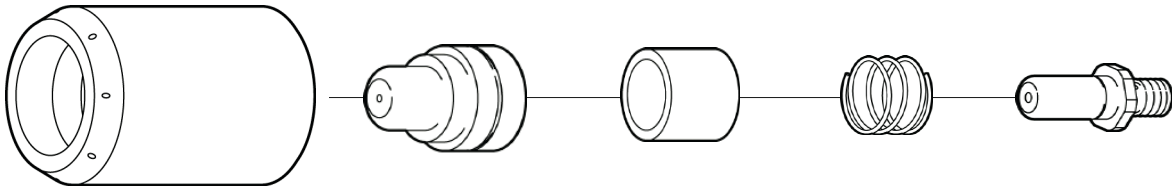
Electrode
0408-2404

Not Shown
0409-2184 O-Ring

SIP[®]

SIP[®]

PLASMA



Retaining Cap
06997

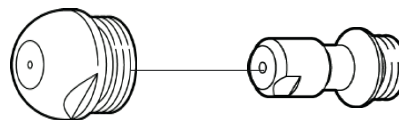
Nozzle
06996 1.0mm

Insulator Sleeve
06988

Spring
069989

Electrode
06987

SMITH MERKLE[®]



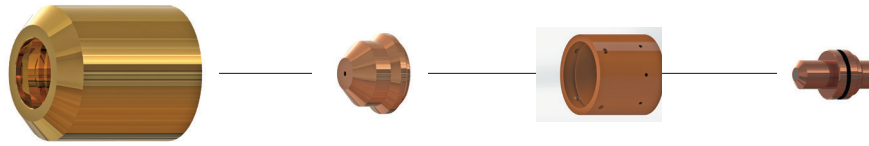
Tip
30812-5 1.0mm
30813-5 1.2mm
30814-5 1.4mm
30815-5 1.6mm
30344-5 1.8mm

Electrode
30808-5

Not Shown
30881-1 Wire Guide Assembly

SOLAR[®]

SOLAR[®] 20-20



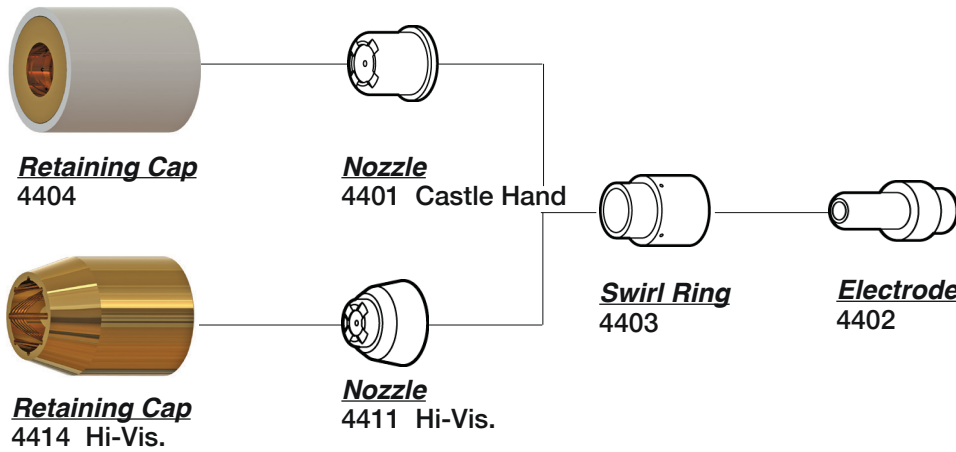
Retaining Cap
4423

Nozzle
4421

Swirl Ring
4422

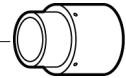
Electrode
4420

SOLAR[®] 20-40

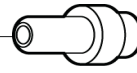


Retaining Cap
4404

Nozzle
4401 Castle Hand



Swirl Ring
4403



Electrode
4402

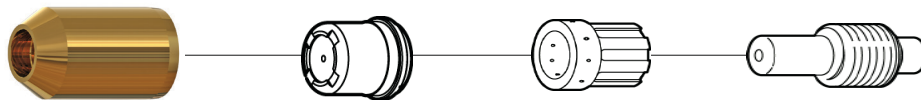


Retaining Cap
4414 Hi-Vis.



Nozzle
4411 Hi-Vis.

SOLAR[®] 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®

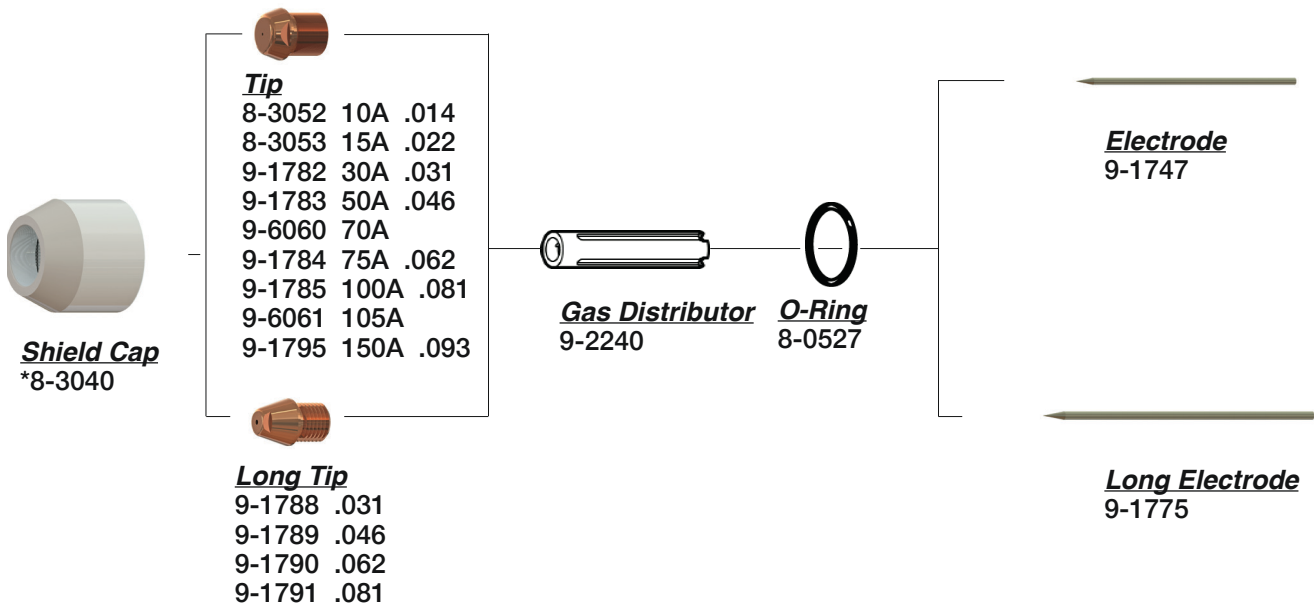


Nozzle
PST-250-2.5 2.5mm

Electrode
PST-250-ELECTRODE

THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PWH/M-3A

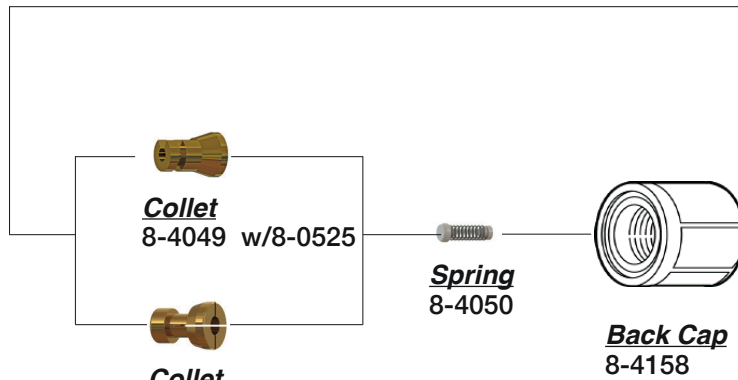
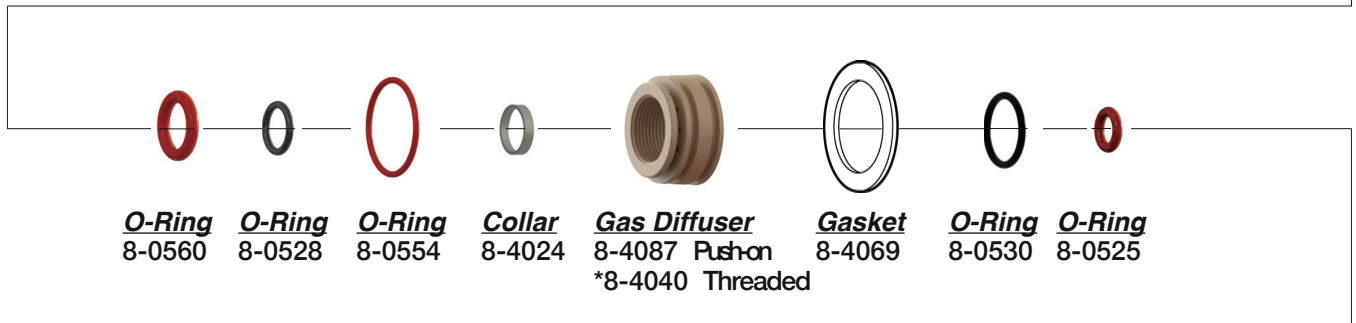
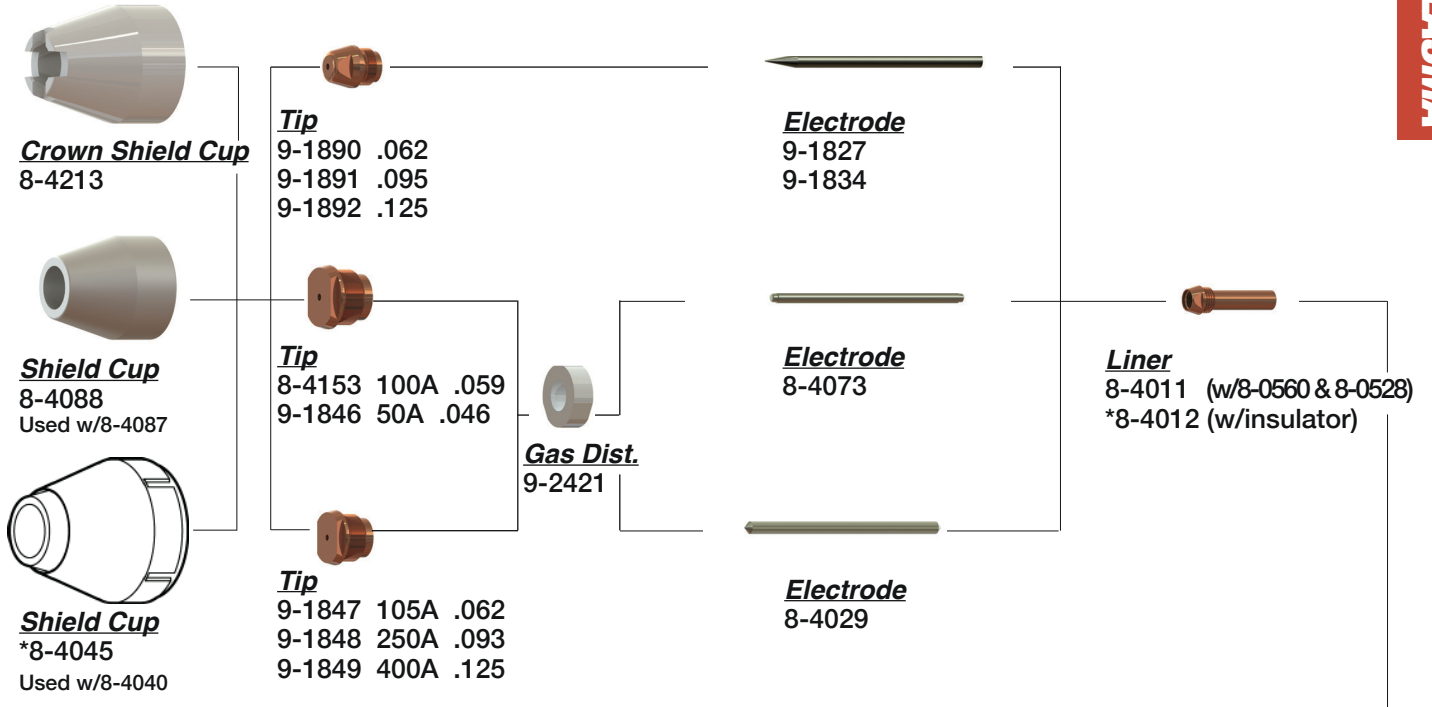


Not Shown

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

THERMAL DYNAMICS®

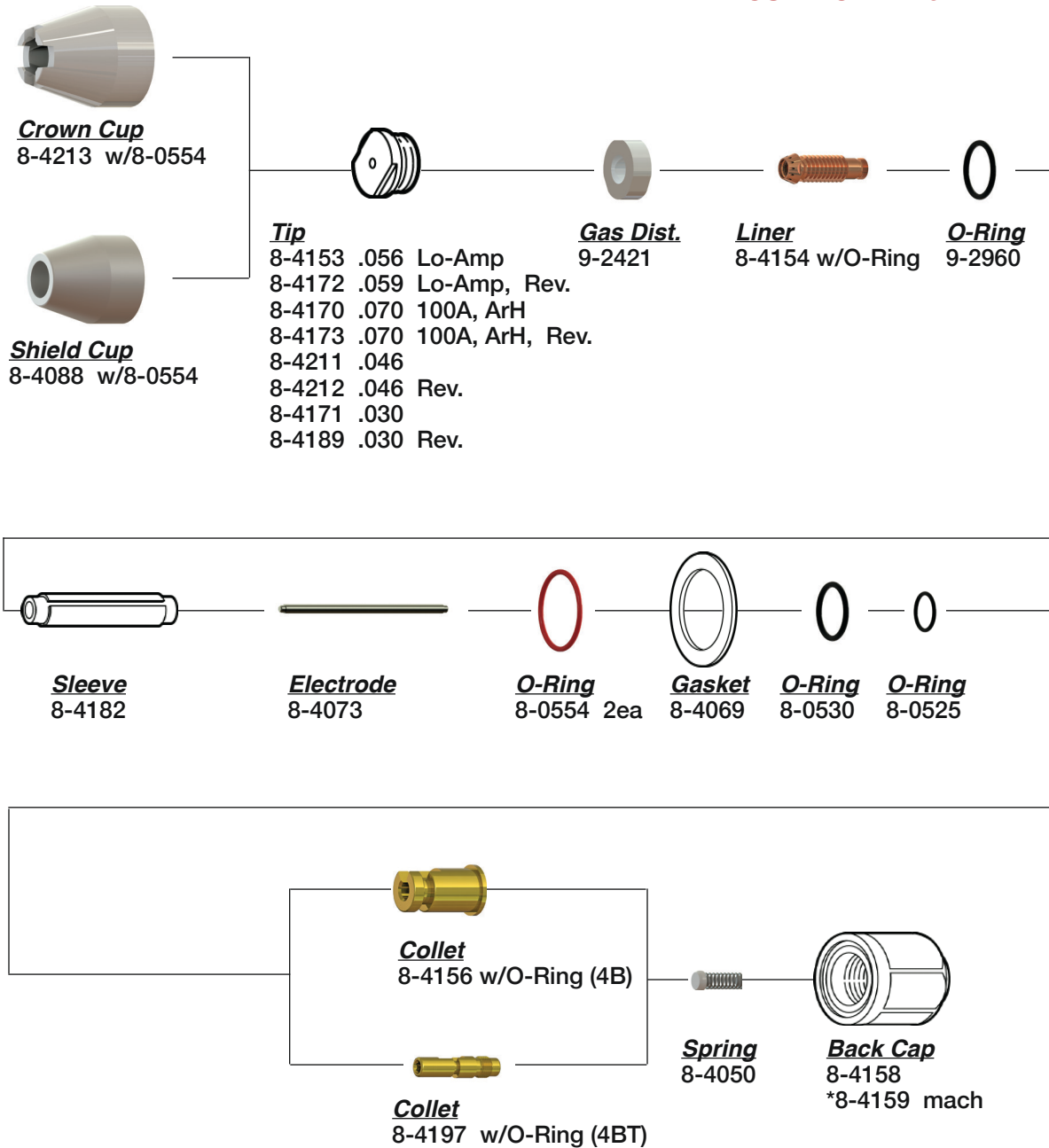
THERMAL DYNAMICS® PWH-4A



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

THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PCH-4B & 4BT PAK[®] 10

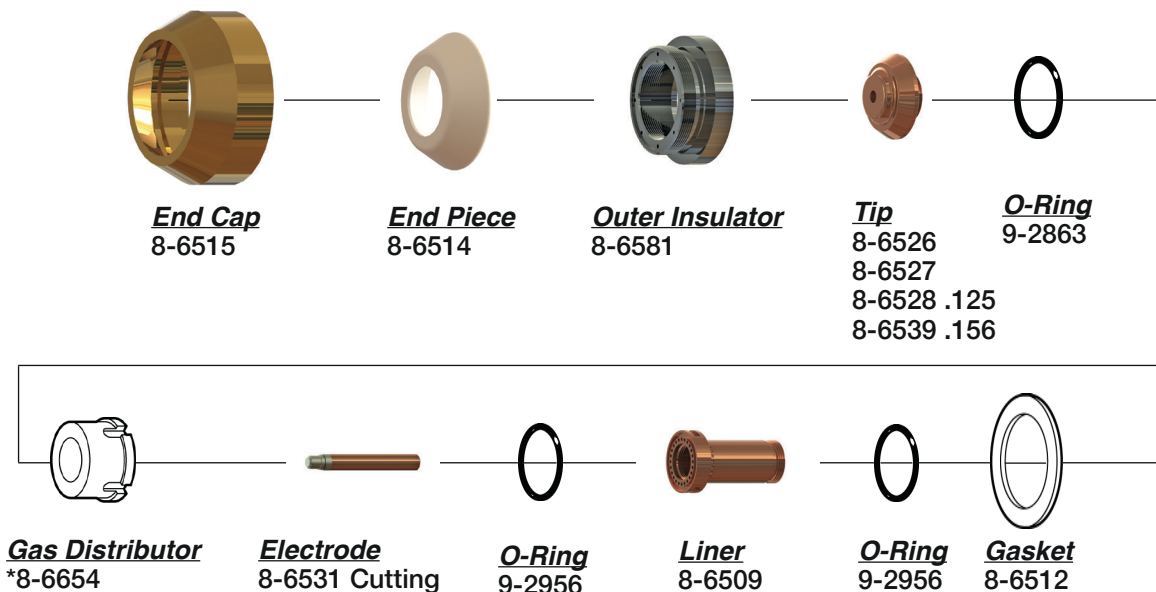


Not Shown

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

THERMAL DYNAMICS®

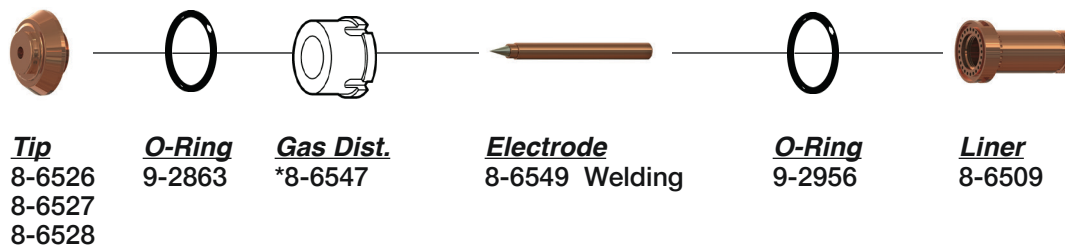
THERMAL DYNAMICS® PCH-6A



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

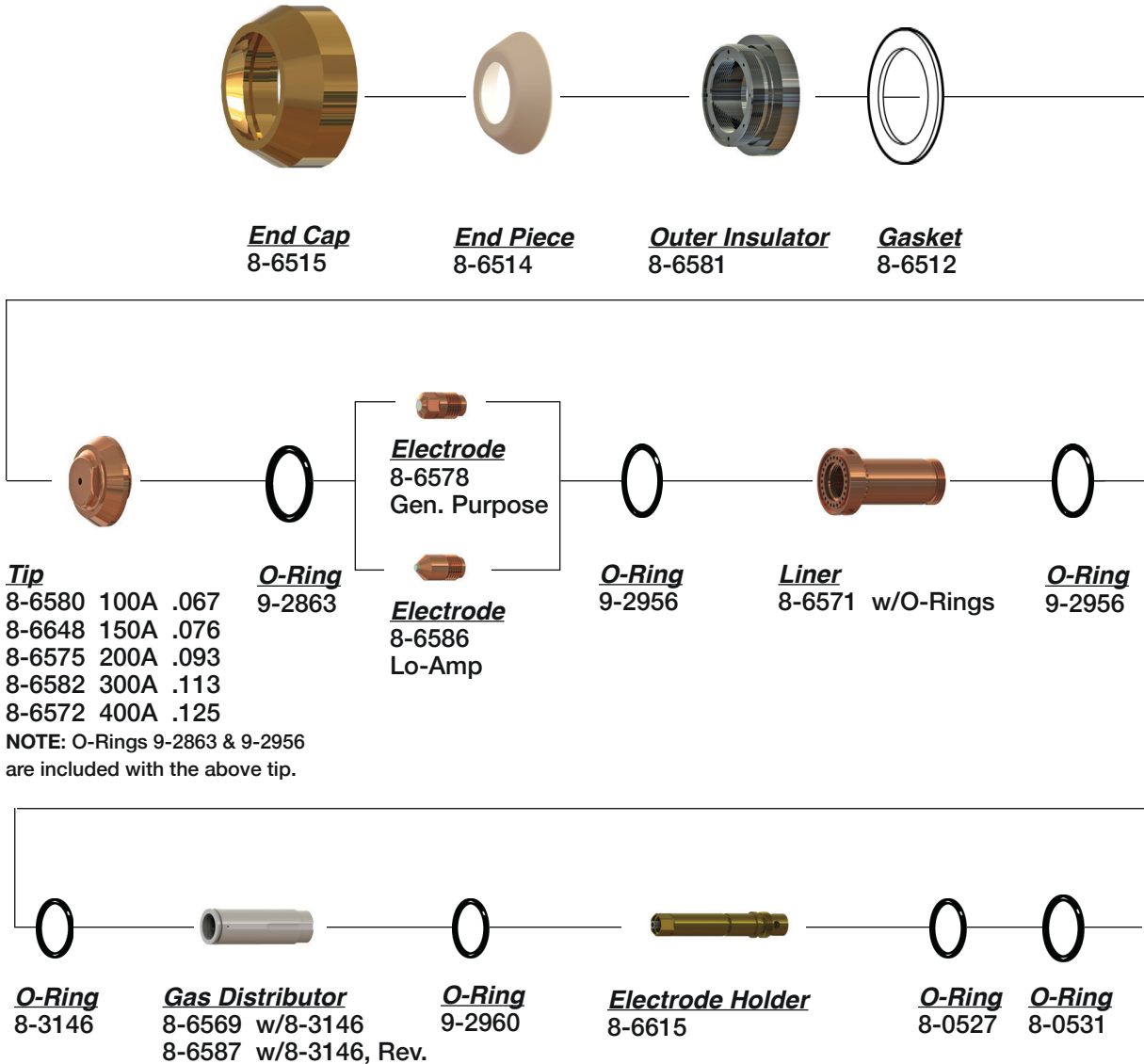


Not Shown

- 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[®]

THERMAL DYNAMICS[®] PCH-6B PAK[®] 44 & 45

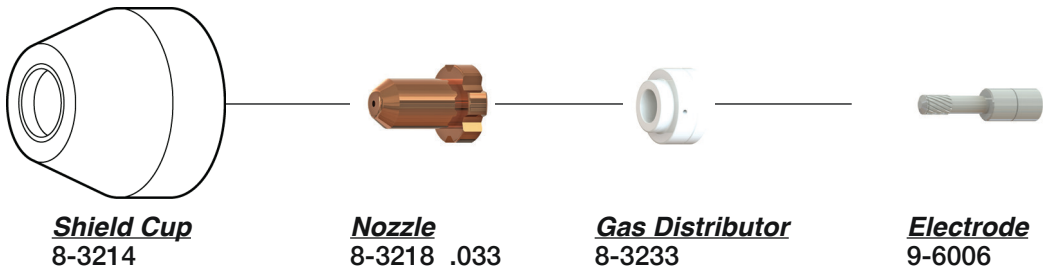


NOTE: O-Rings 9-2863 & 9-2956 are included with the above tip.

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

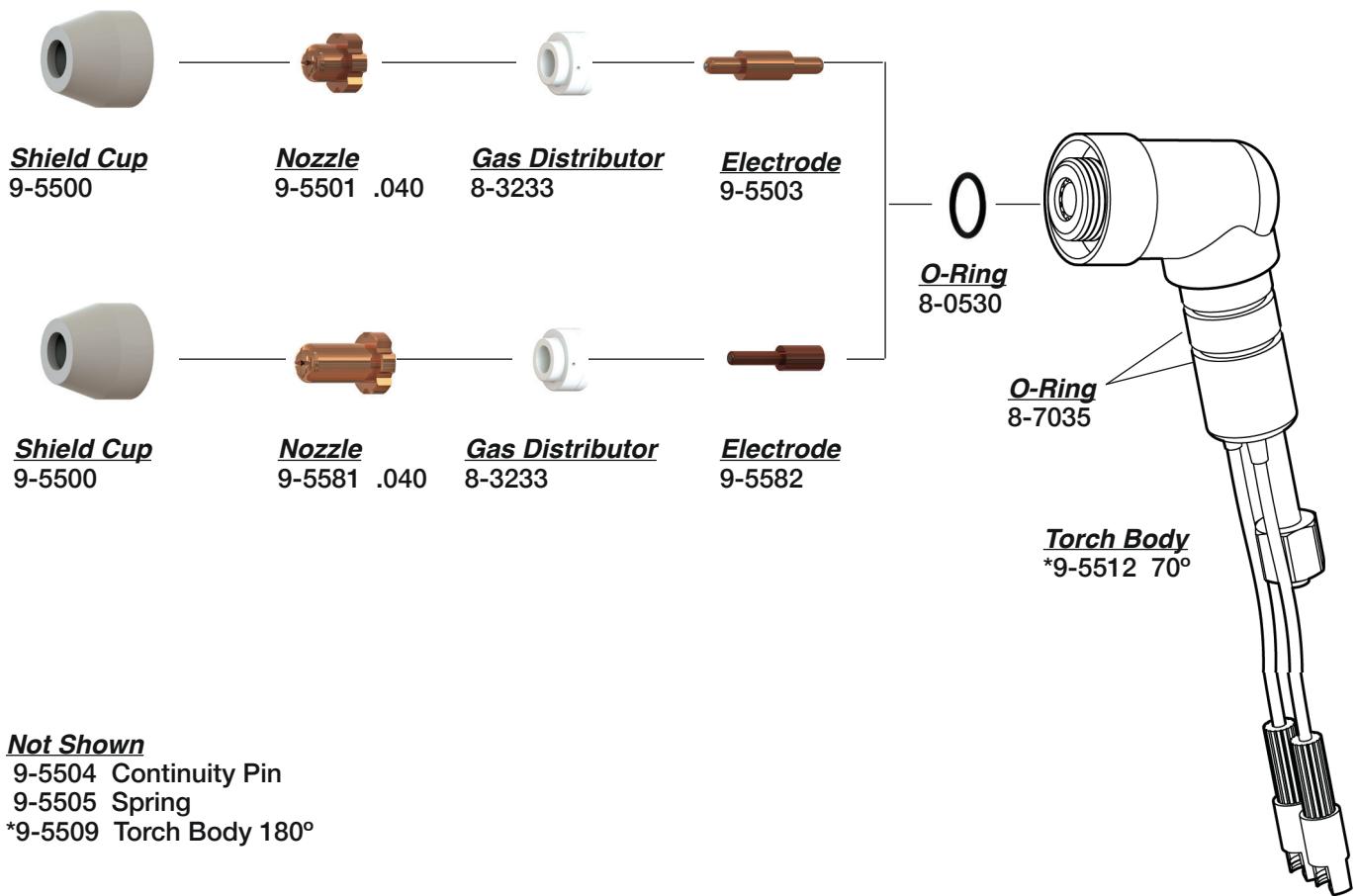
THERMAL DYNAMICS®

THERMAL DYNAMICS® PCH-20 DYNAPAK® 110



Not Shown
8-3220 Torch Head, 70°

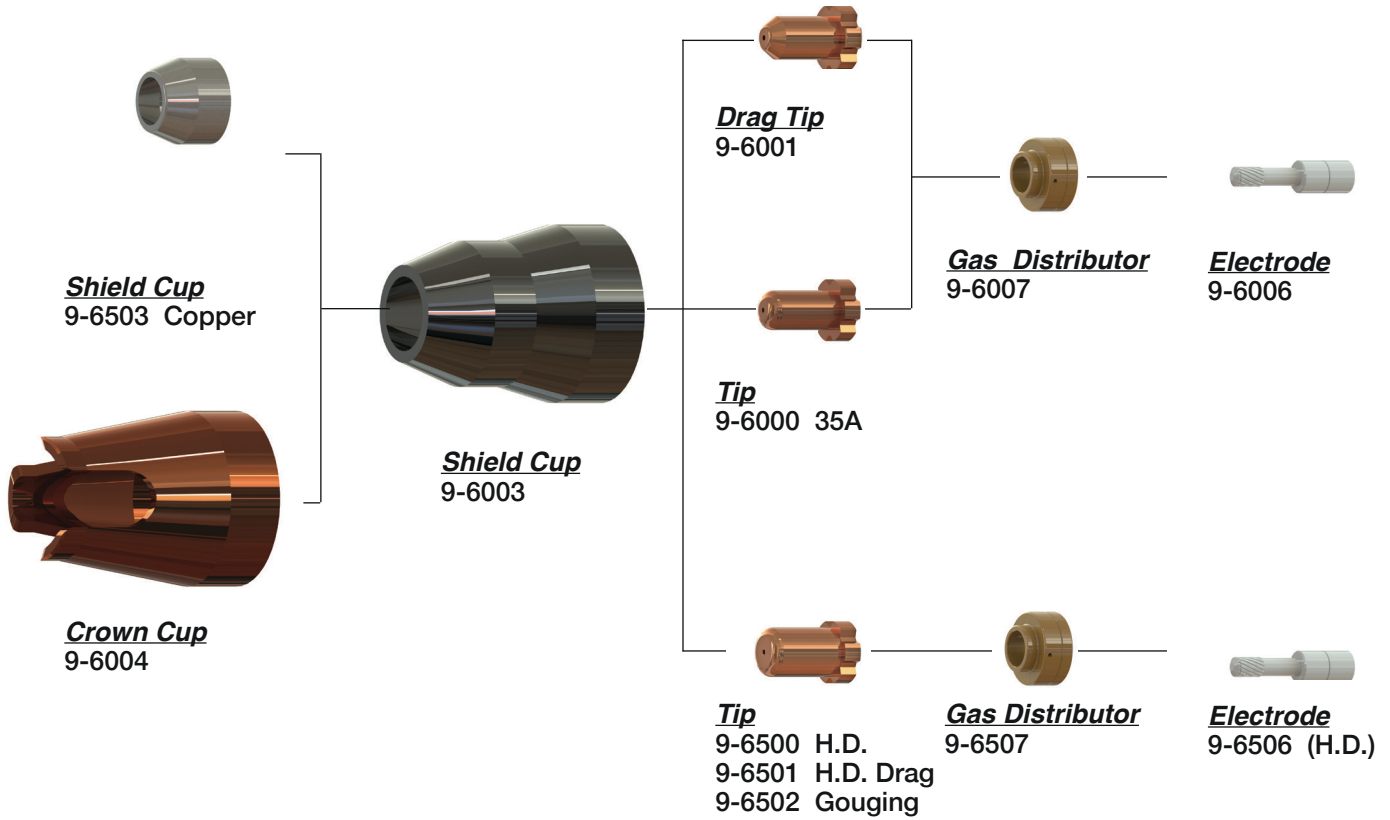
THERMAL DYNAMICS® PCH-30 PAK® 3



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

THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PCH/M-35

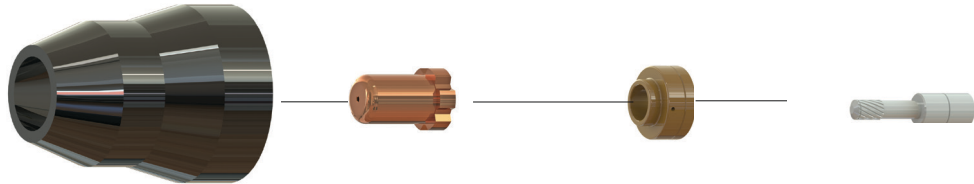


Not Shown

- *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

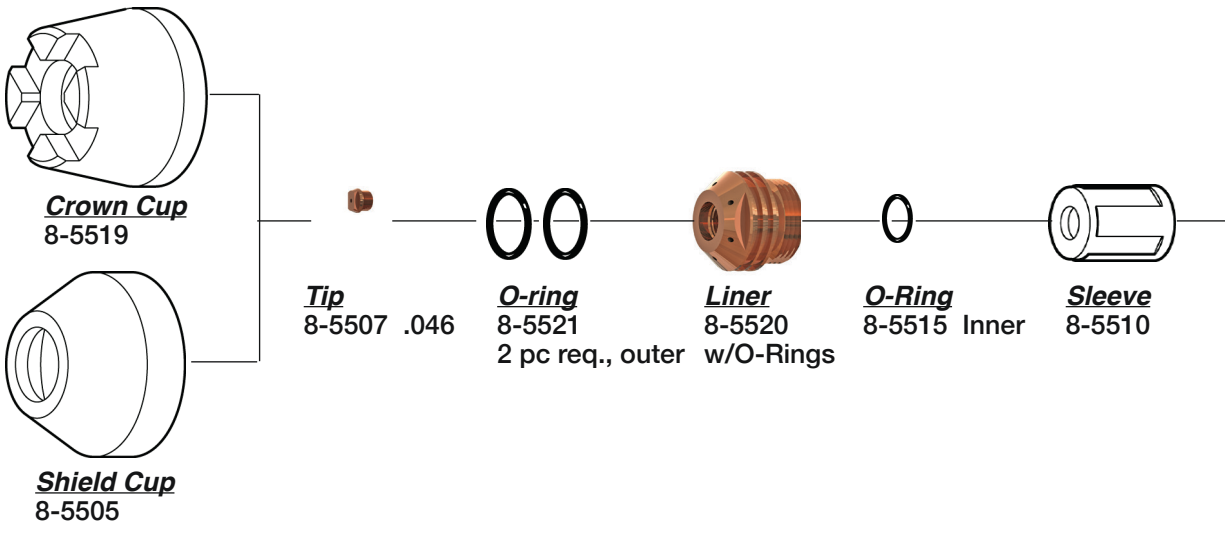
Gas Distributor
9-6507

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

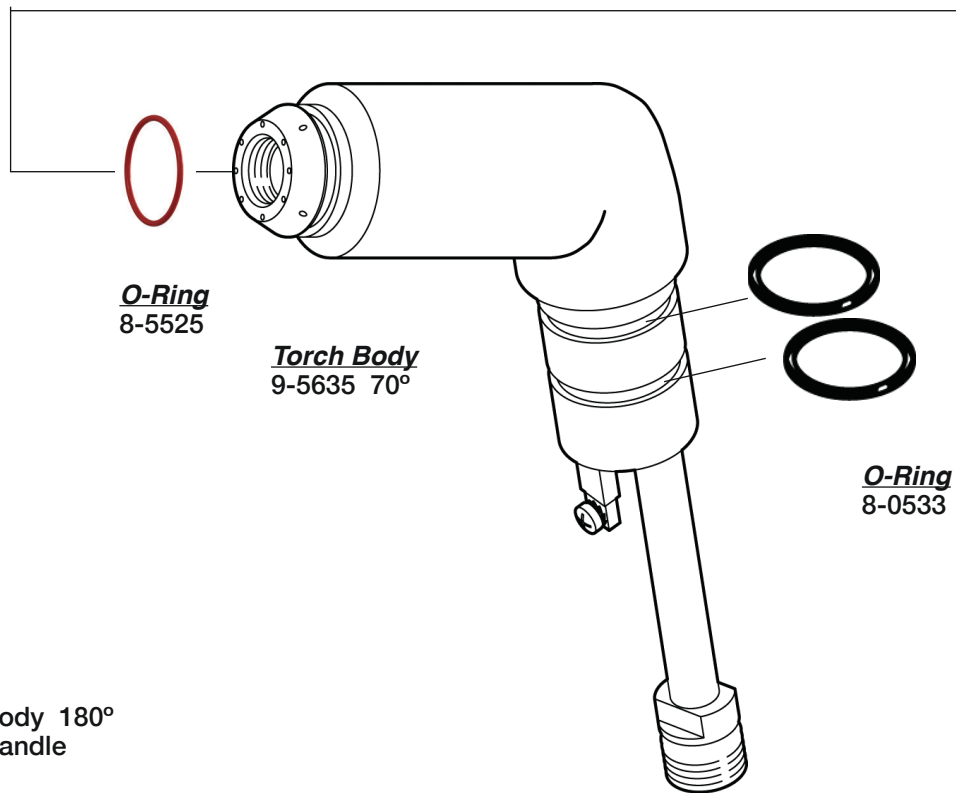
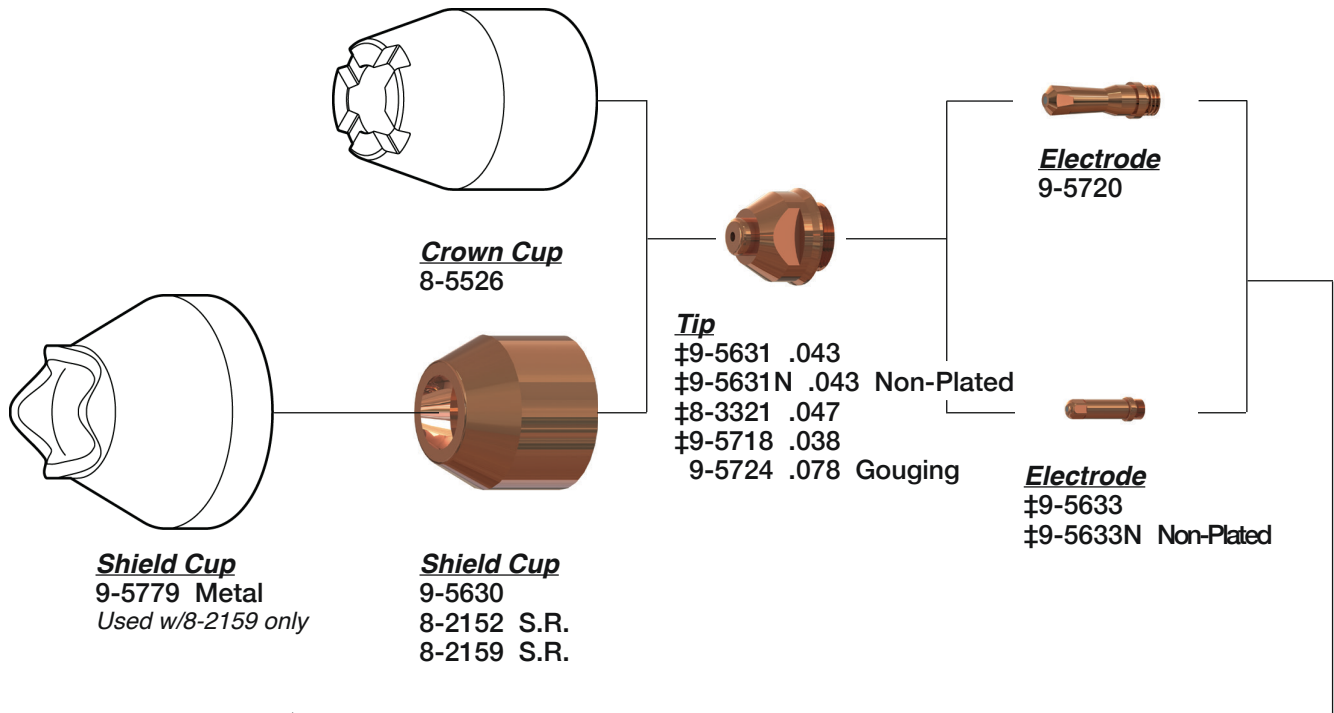
O-Ring
8-5514

Not Shown

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

THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PCH-51 3XR[™], 4XI[™], 5XR[™]

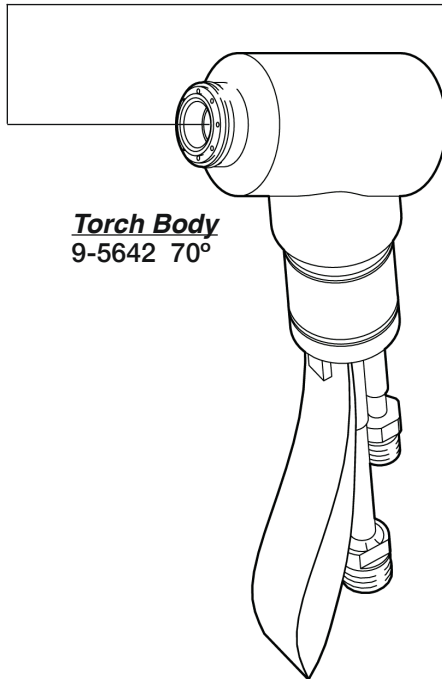
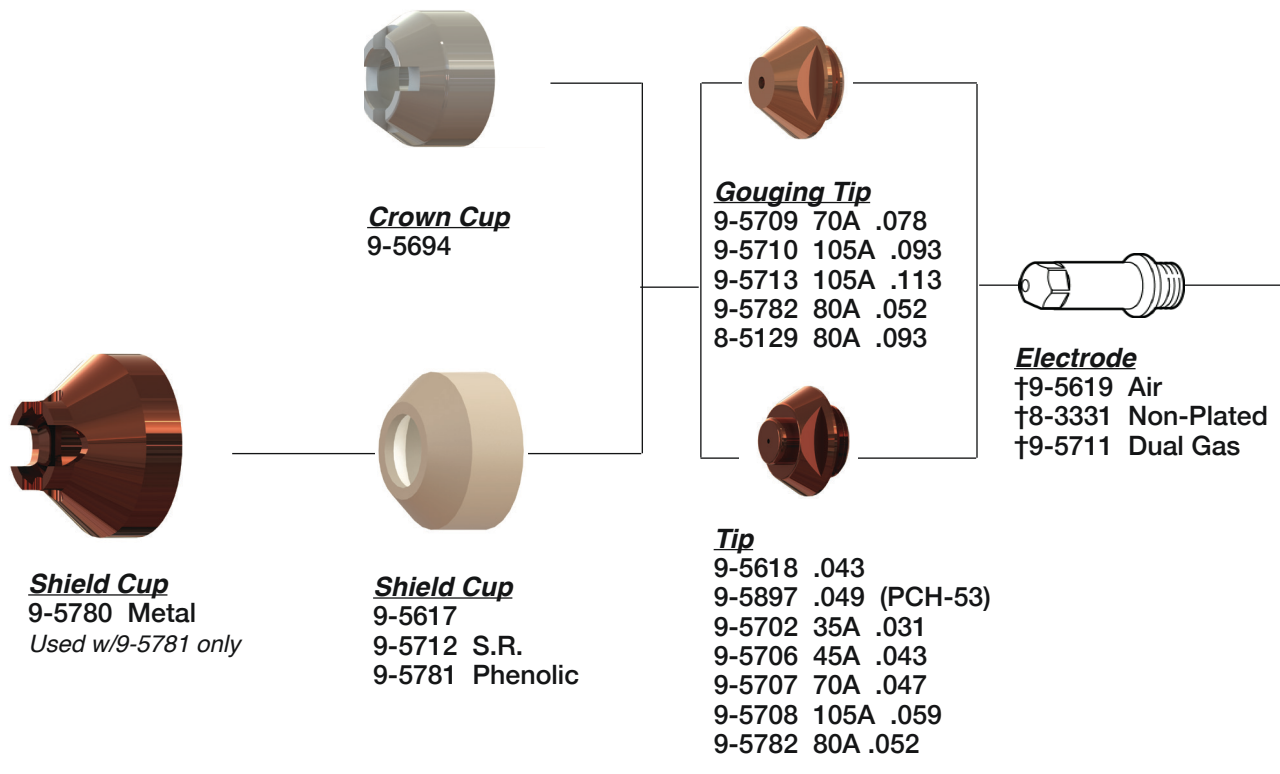


Not Shown
9-5522 Switch
9-5634 Torch Body 180°
9-5636 Torch Handle

THERMAL DYNAMICS®

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

PLASMA

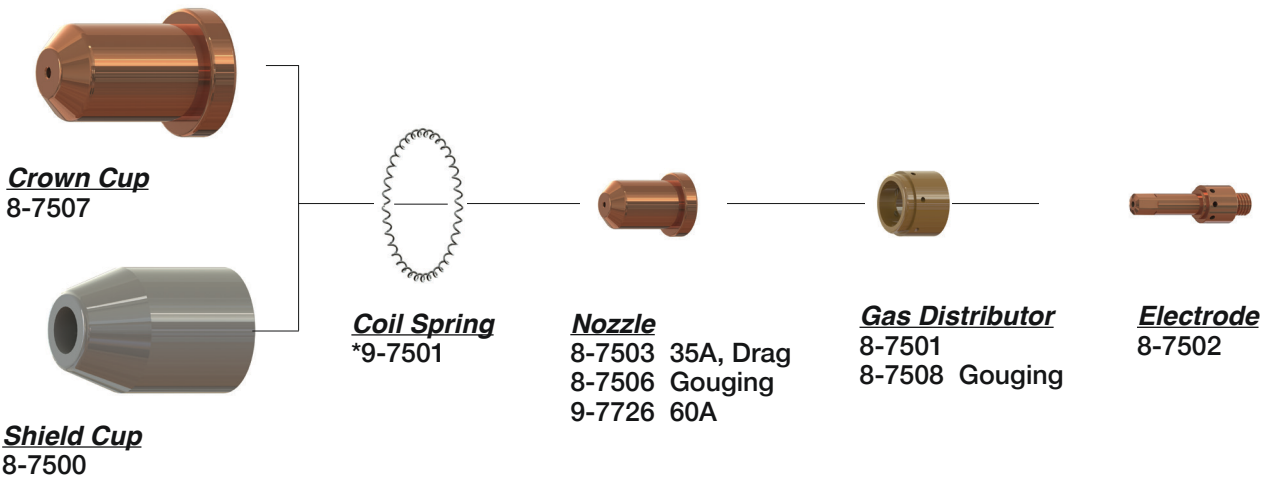


Not Shown

- 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[®]

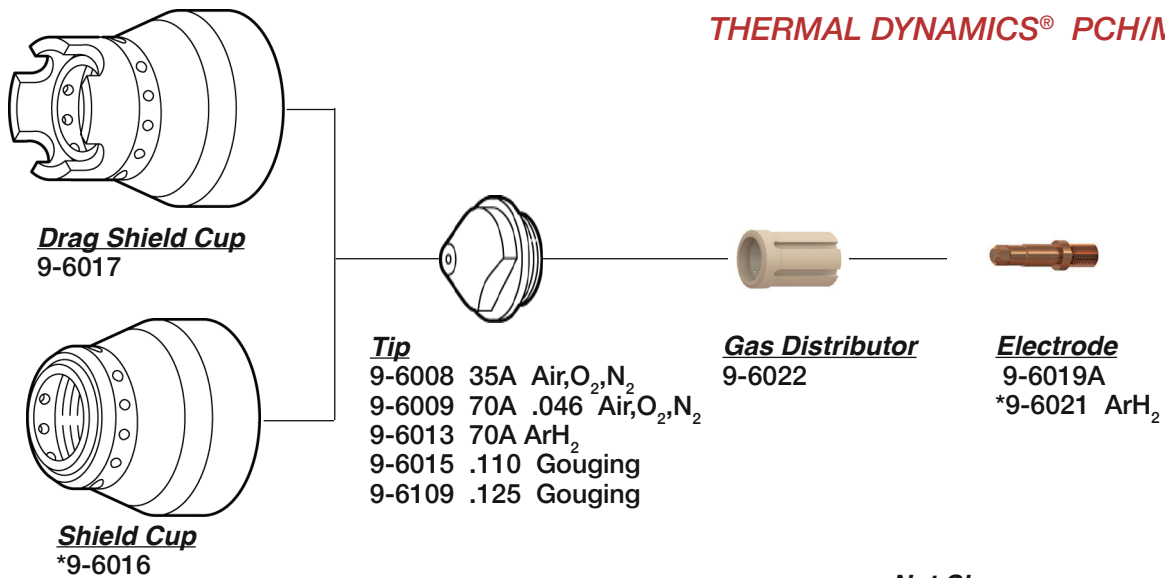
THERMAL DYNAMICS[®] PCH/M-60



Not Shown

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

THERMAL DYNAMICS[®] PCH/M-70



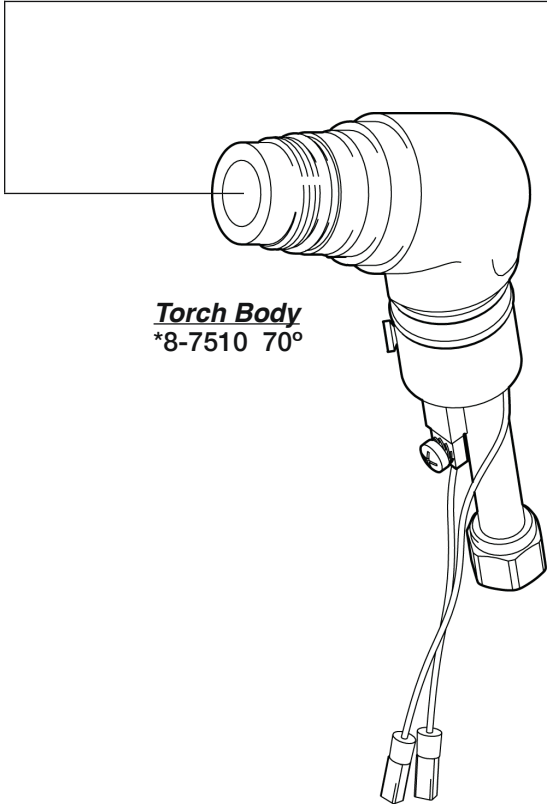
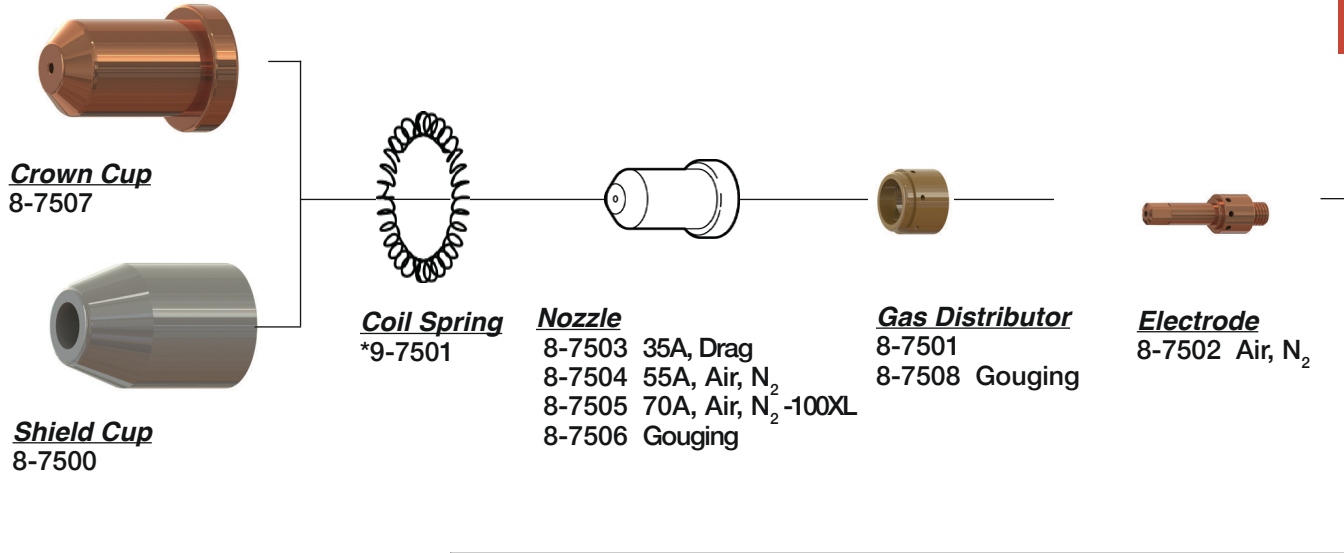
Not Shown

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

THERMAL DYNAMICS®

THERMAL DYNAMICS® PCH/M-75/100XL

PLASMA

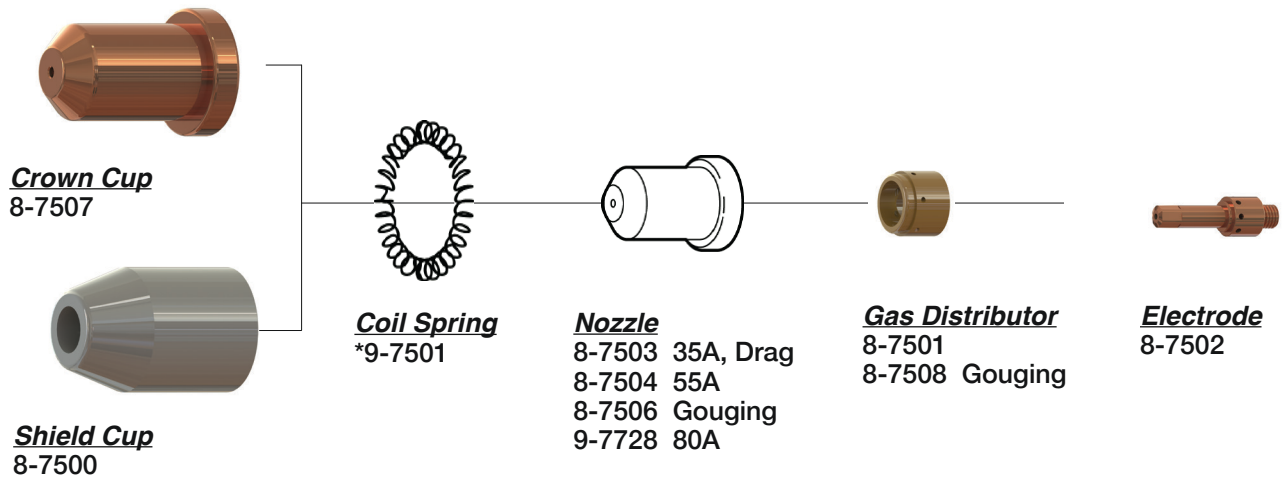


- Not Shown**
- 2-0001 Torch 70° W/25' Lead
 - *8-7511 Torch Body 90°
 - *8-7512 Torch Body 180°
 - *8-7525 Hi. Vis Shield

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[®]

THERMAL DYNAMICS[®] PCH/M-80

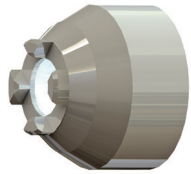


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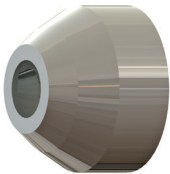
- 2-0080 Torch 70° W/25' Lead
- *8-7525 Hi. Vis. Shield
- *9-8073 Torch Head 180°
- *9-8075 Torch Head 70°

THERMAL DYNAMICS®

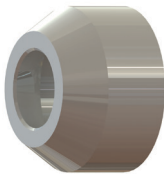
THERMAL DYNAMICS® PCH-100 PAK™ 10XR



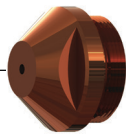
Crown Cup
8-1101



Shield Cup
8-1100



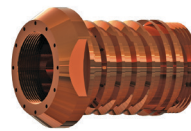
Shield Cup
9-4345 mach.



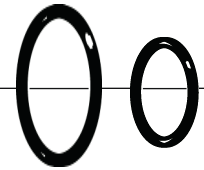
Tip
9-4341 105A .059
9-4342 70A .047
9-4343 35A .039



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

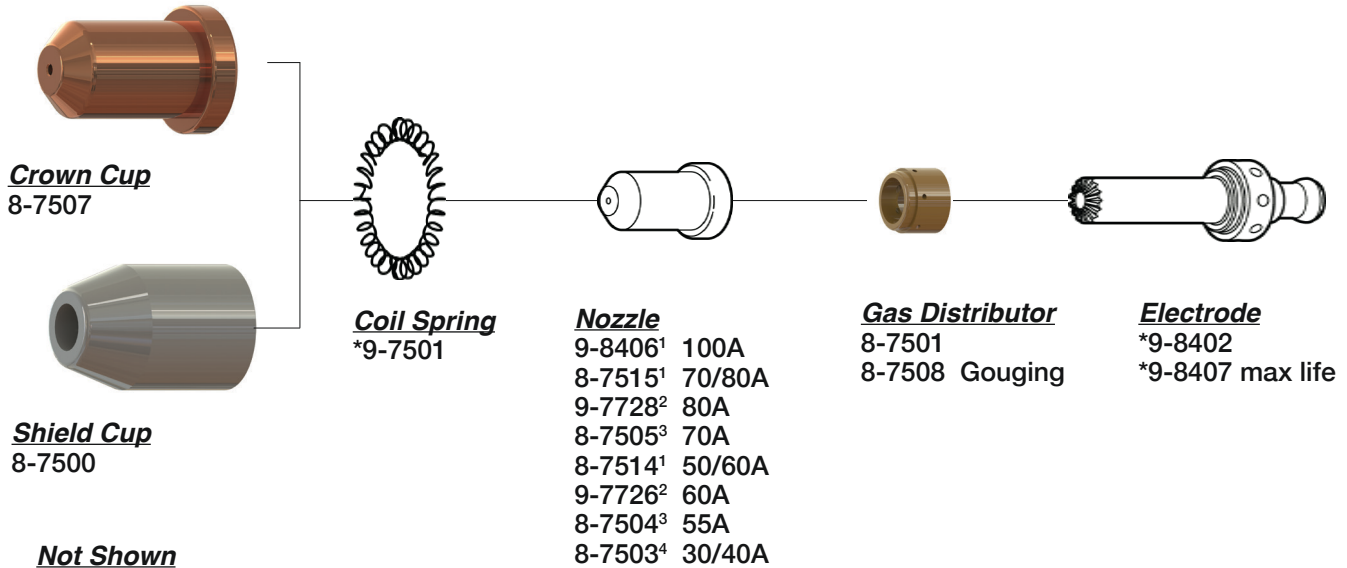
Not Shown

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

PLASMA

THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PCH/M-102 SURELOK[™] RPT



Crown Cup
8-7507

Shield Cup
8-7500

Coil Spring
*9-7501

Nozzle
9-8406¹ 100A
9-7515¹ 70/80A
9-7728² 80A
8-7505³ 70A
8-7514¹ 50/60A
9-7726² 60A
8-7504³ 55A
8-7503⁴ 30/40A

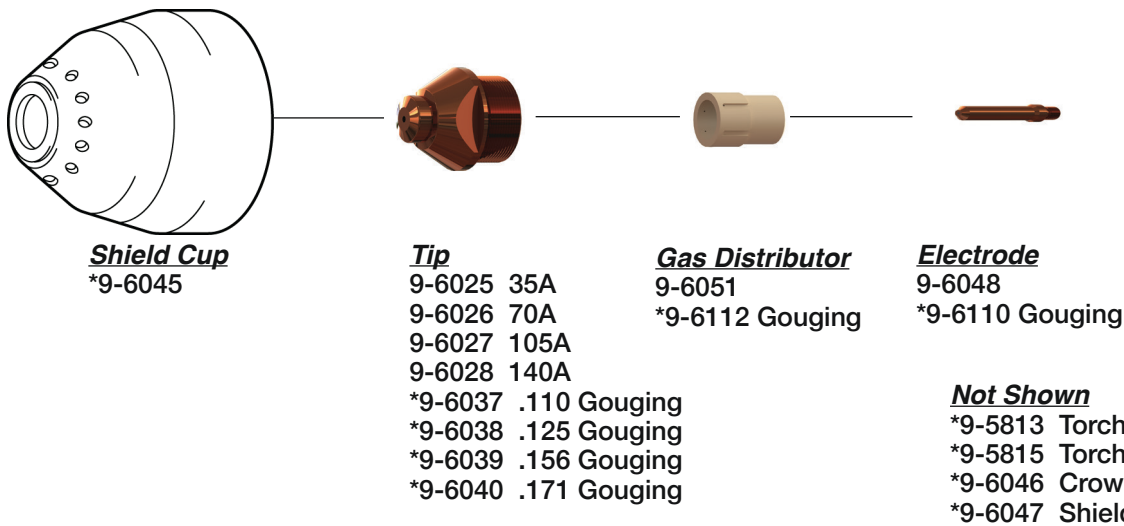
Gas Distributor
8-7501
8-7508 Gouging

Electrode
*9-8402
*9-8407 max life

Not Shown
8-0532 O-Ring
*8-7525 Hi. Vis. Shield
*9-8403 Torch Body 180°
*9-8405 Torch Body 70°

- 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[®] PCH/M-140



Shield Cup
*9-6045

Tip
9-6025 35A
9-6026 70A
9-6027 105A
9-6028 140A
*9-6037 .110 Gouging
*9-6038 .125 Gouging
*9-6039 .156 Gouging
*9-6040 .171 Gouging

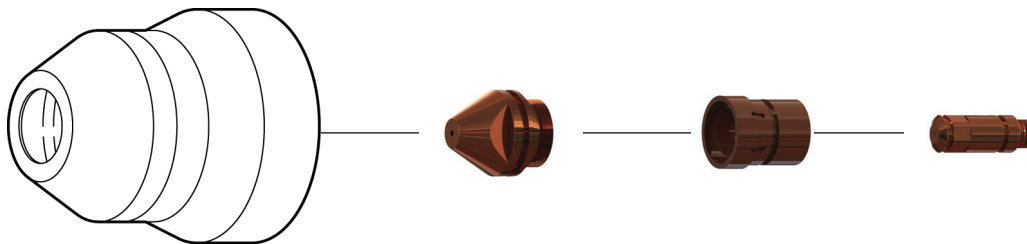
Gas Distributor
9-6051
*9-6112 Gouging

Electrode
9-6048
*9-6110 Gouging

Not Shown
*9-5813 Torch Body 70°
*9-5815 Torch Body 180°
*9-6046 Crown Cup
*9-6047 Shield Cup

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

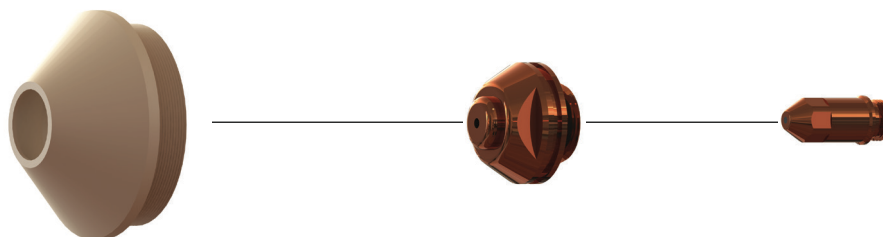
Gas Distributor
9-6081

- Electrode**
 9-6078A Air
 *9-6129 N₂
 *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 O₂
 9-5752 100A .052 O₂
 9-5753 50A .043 O₂
 9-5767 150A .016 N₂
 9-5766 100A .052 N₂
 9-5765 50A .043 N₂
 9-5755 150A .120 N₂ Gouging
 9-5756 85A .078 N₂ Gouging

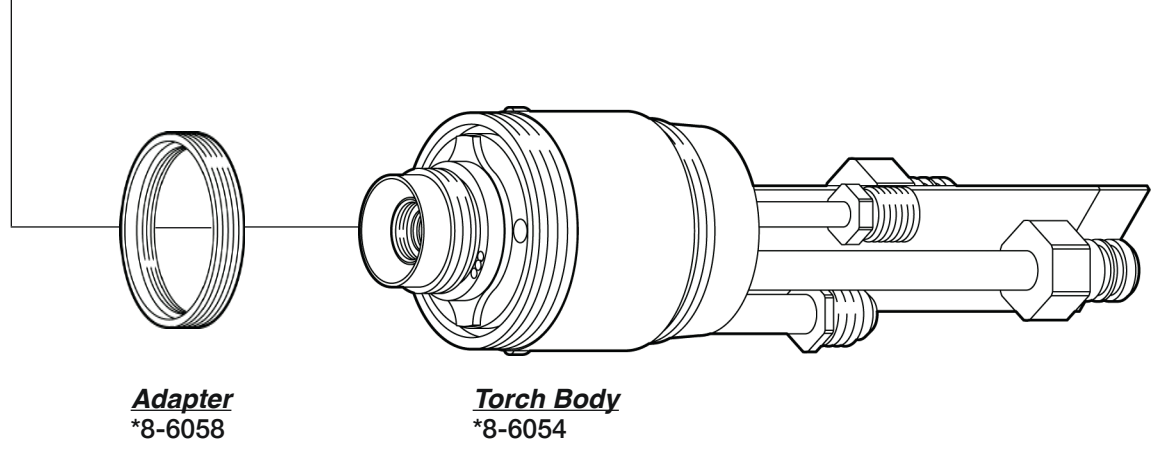
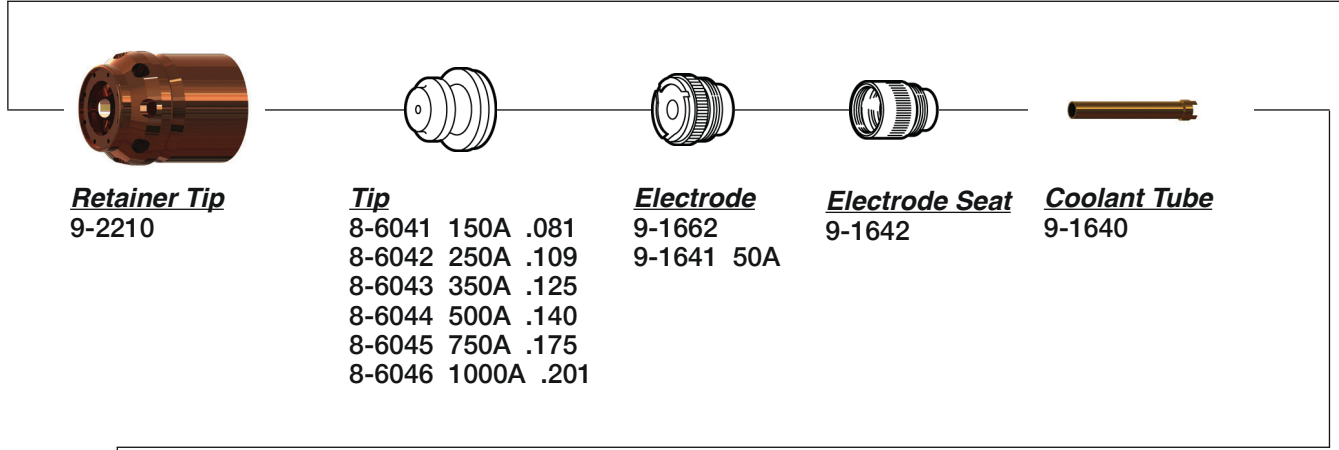
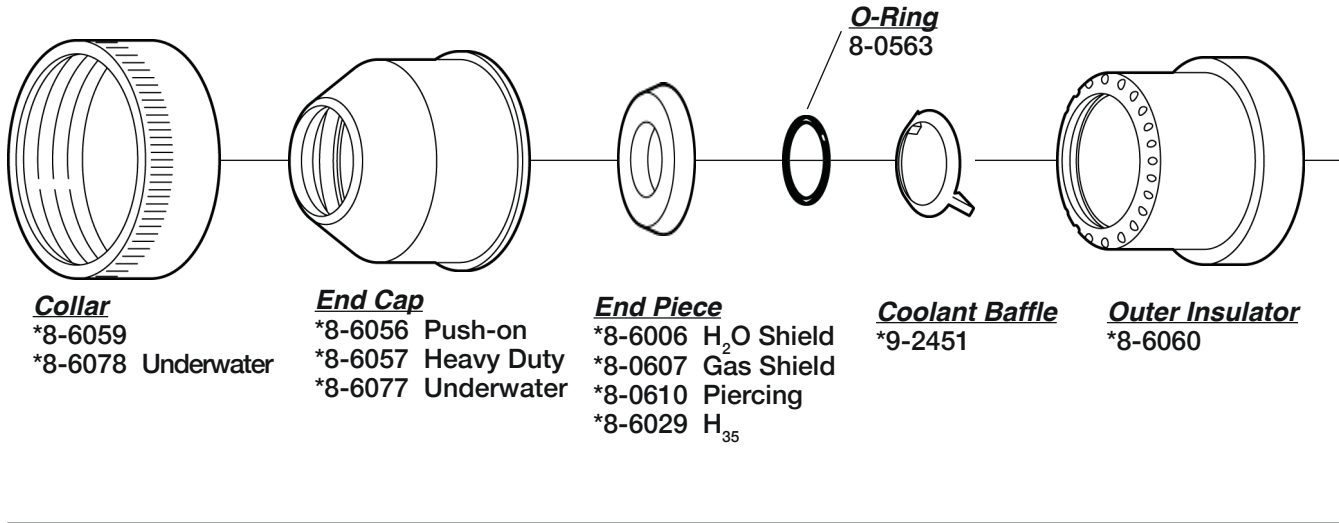
- Electrode**
 9-5749 Air
 9-5754 N₂-ArH₂
 9-5760 O₂

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[®]

THERMAL DYNAMICS[®] PCH/M-200

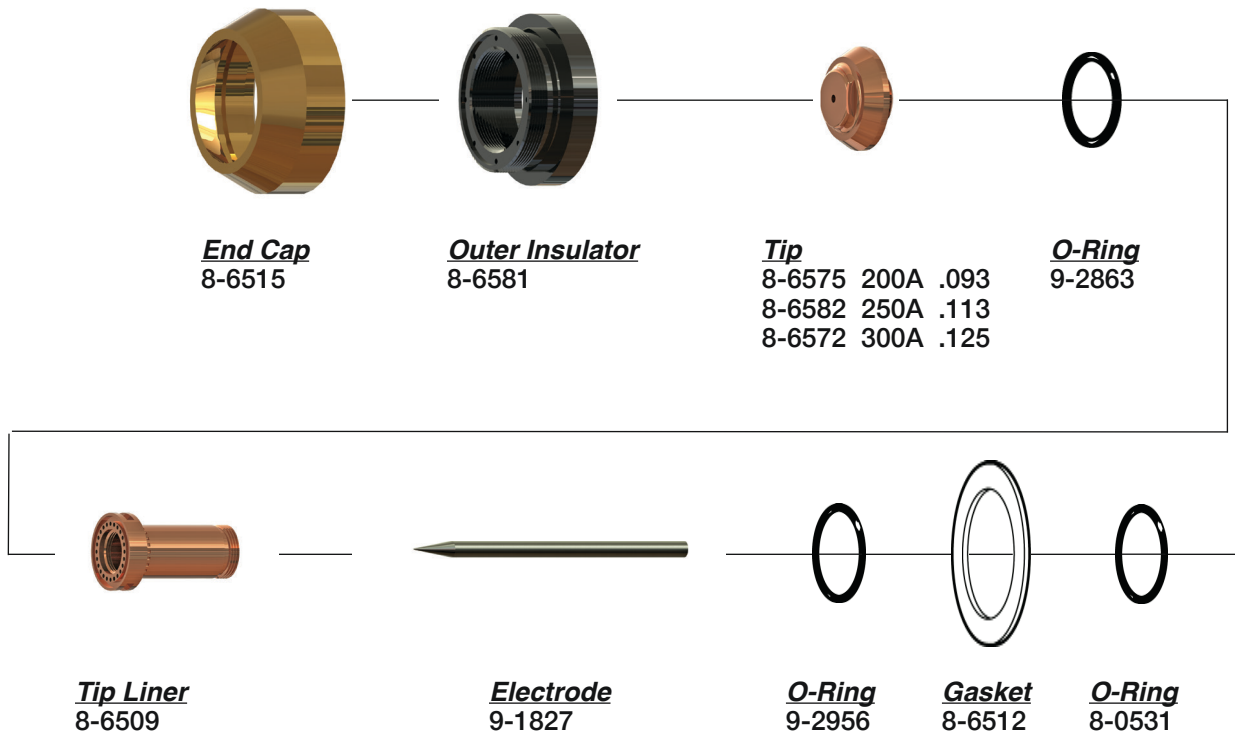


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THERMAL DYNAMICS[®]

THERMAL DYNAMICS[®] PWM-300

PLASMA

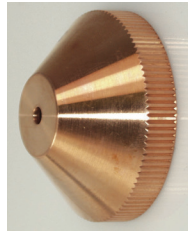


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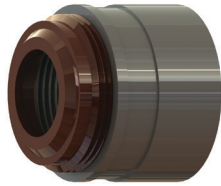
- 8-0534 O-Ring
- *8-6517 Tip/Liner Wrench

THERMAL DYNAMICS[®]

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[®] TD 750

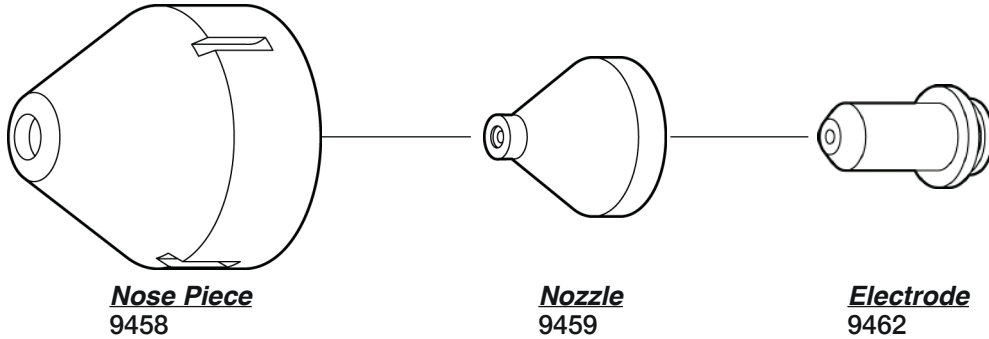


Tip
 9-6055 35A
 9-6056 70A
 9-6057 105A
 9-6423 .037
 9-6424 70A

WEIDEMANN®

WEIDEMANN® IC100

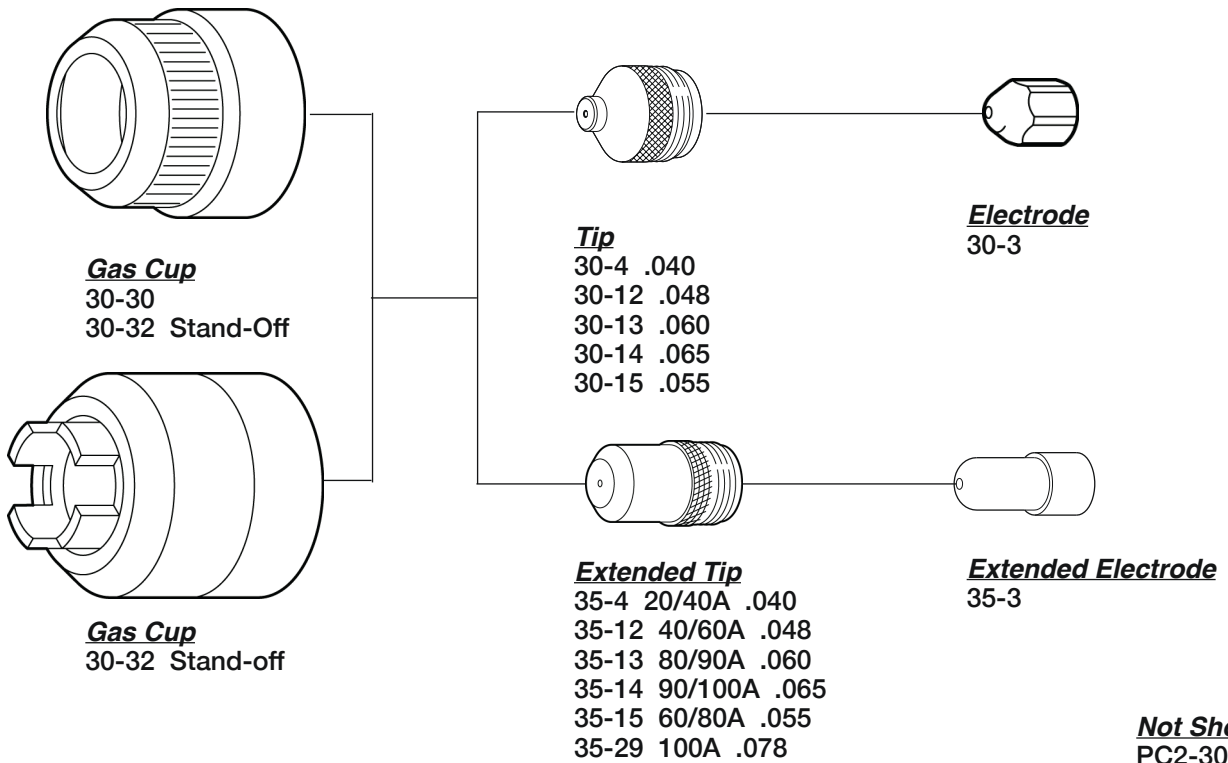
PLASMA



Not Shown

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

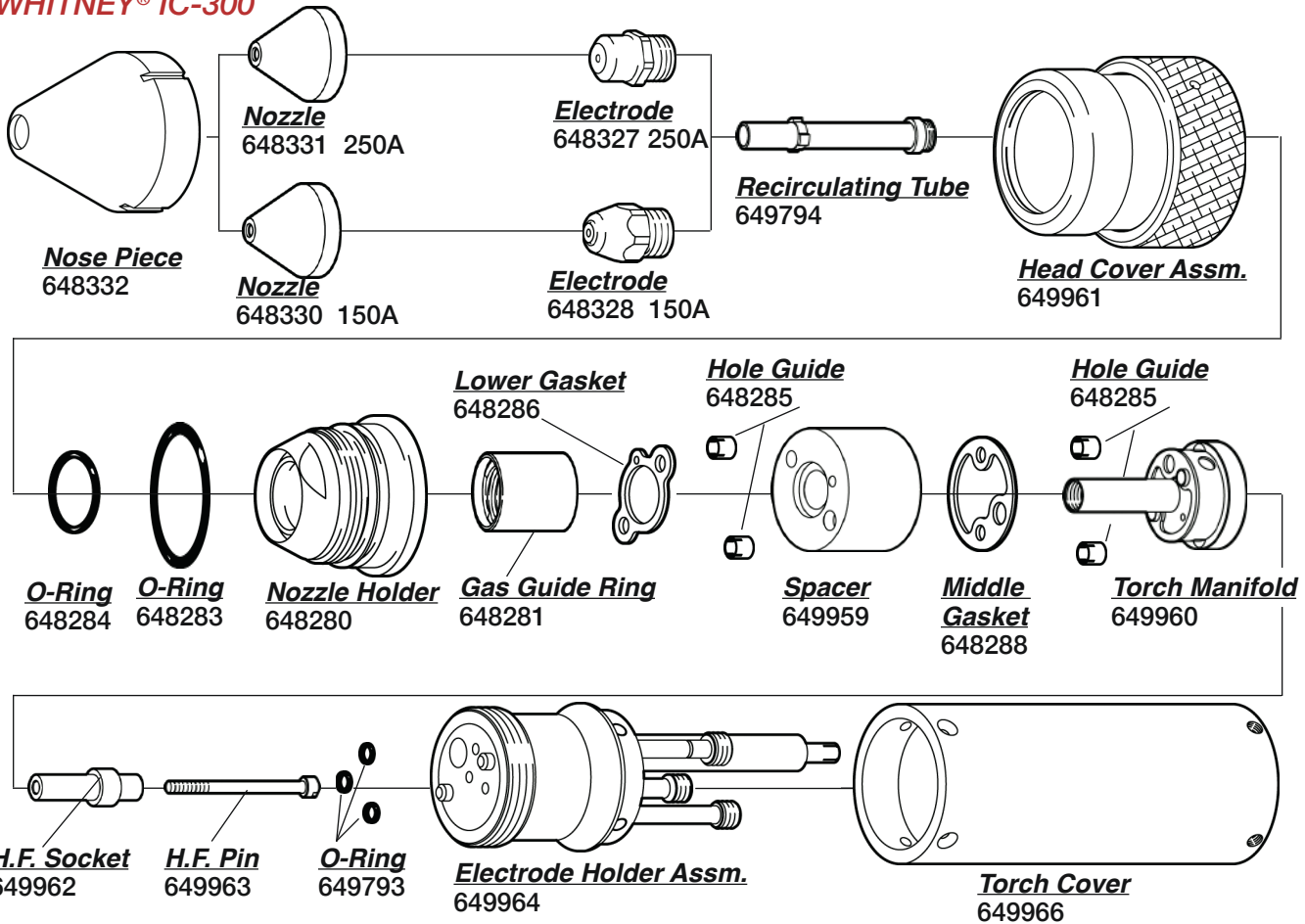
WELDCRAFT® PC30



WHITNEY[®]

PLASMA

WHITNEY[®] 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		

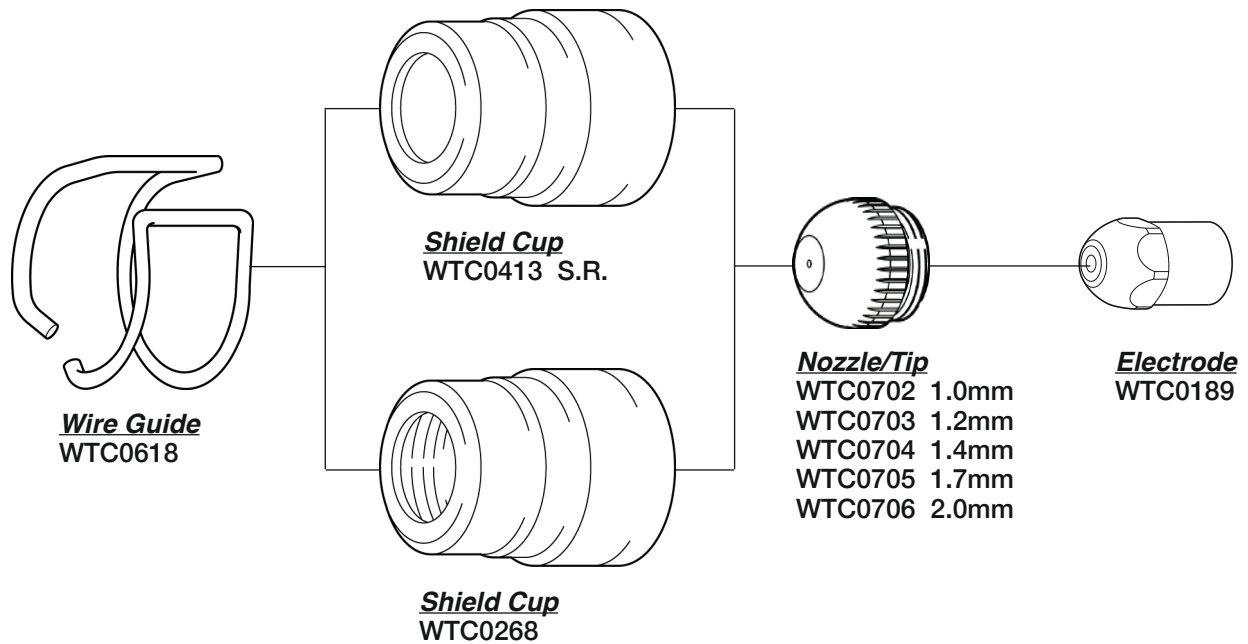
Not Shown

- 643722 IC-300 Torch Comp.
- 648282 Gasket Spacer
- 648310 Fitting, Argon Hose
- 648312 Fitting, H²O Hose In
- 648313 Fitting, H²O 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
LIFETIME *PHD and PHDX Torch Bodies	LIFETIME *Lightning® Handle and Trigger Switch ONE YEAR *Lightning® Semi-Automatic MIG Guns *Lightning® Robotic MIG Guns *Lightning® Fixed Automation MIG Guns 180 DAYS *All Other Gun Models
GAS APPARATUS	TIG
THREE YEARS *Complete Oxy-Fuel Kit Components *Regulators/Flowmeters/Flowregulators *Torches, Handles & Cutting Attachments	ONE YEAR *TIG Torches
THERMAL SPRAY	
ONE YEAR *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

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