



CREATING A BETTER
EXPERIENCE

PHDX™



High Density
PLASMA

TORCHES & CONSUMABLES

AMERICAN TORCH TIP®
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50 - 400 AMP TORCH KITS

Part #	Amp	Power Supply	Plasma Gas	Shield Gas	Material	Notes
90-7950	400	400X	O ₂	Air	Mild Steel	Straight & Bevel Cutting
90-7951	260	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7952	200	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7953	130	260X	O ₂	Air	Mild Steel	Standard Cutting
90-7954	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

- Bevel less than 2°
- Minimal dross

LIFETIME WARRANTY

- The best torch warranty in the industry

MADE IN THE USA

- Engineered to stringent tolerances

QUALITY CHECKED

- All consumables are tested for dimensional accuracy



Qty	Parts
1	Torch Body
10	Electrodes
10	Nozzles
2	Swirl Rings
1	Nozzle Retaining Cap
2	Shields
1	Shield Cap
1	Consumables Removal Tool
1	Water Tube Removal Tool
1	1/4 oz. Silicon Lubricant
1	O-ring Kit

CLEANCUT™ TECHNOLOGY

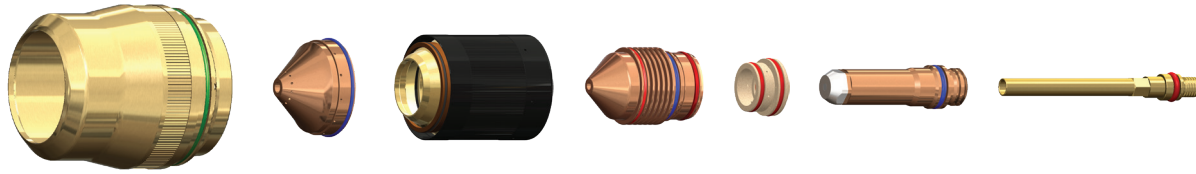
Upgrade Your Consumables

CleanCut™'s patented nozzle and electrode allow your consumables to run longer and cut cleaner making for less downtime and post grind clean-up.

Learn more at:
AmericanTorchTip.com/cleancut

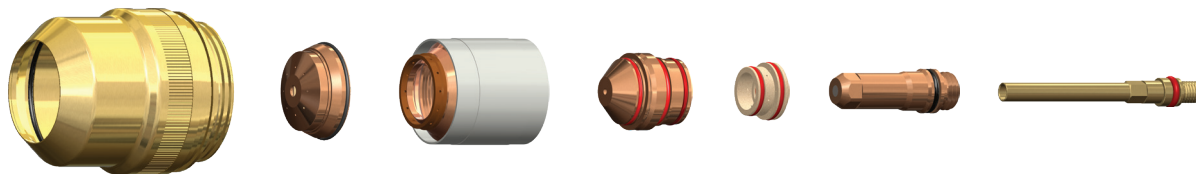


30 - 400 AMP CONSUMABLES



260 amp Mild Steel consumables illustrated above

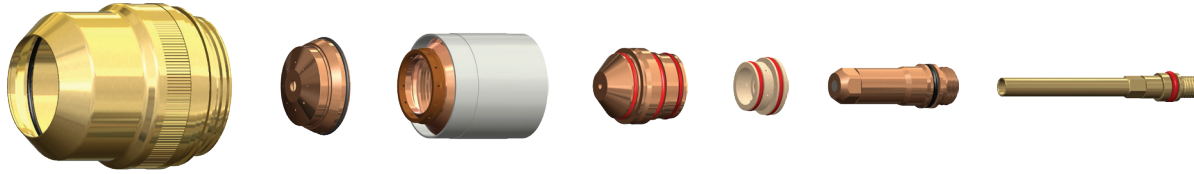
Mild Steel							
Amp	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
30 A	90-0747	60-0194	90-0754	60-0193	90-0180	60-0192	90-0340
50 A	90-0747	90-0555	90-0754	90-0554	90-0553	90-0552	90-0340
80 A	97-0200	97-0246	97-1365	97-0243	90-0179	97-0240	90-0700
130 A	97-0200	97-0255	97-1365	97-0252	90-0179	97-0249 (CleanCut™)	90-0700
200 A	97-0200	97-0513	97-1365	97-0261	90-0405	97-0258 (CleanCut™)	90-0700
260 A	97-0200	97-0491	97-0365	97-0279	90-0436	97-0276 (CleanCut™)	90-0571
400 A	97-0200	97-4002	97-0365	90-0632	*220631	90-0530 (CleanCut™)	90-0571
80 A bevel	90-0637	90-0742	*220845	90-0806	90-0179	90-0802	90-0700
130 A bevel	97-0200	97-0255	97-1365	97-0252	90-0179	97-0249 (CleanCut™)	90-0700
200 A bevel	97-0200	97-0513	97-1365	97-0261	90-0405	97-0258 (CleanCut™)	90-0700
260 A bevel	97-0200	97-0491	97-0365	97-0279	90-0436	97-0276 (CleanCut™)	90-0571
400 A bevel	97-0200	97-4002	97-0365	90-0632	*220631	90-0530 (CleanCut™)	90-0571



260 amp Stainless Steel consumables illustrated above

Stainless Steel							
Amp	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
45 A	90-0747	90-0202	90-0755	90-0201	90-0180	90-0308	90-0340
80 A	90-0747	90-0338	90-0755	90-0337	90-0179	90-0339	90-0340
130 A	90-0747	90-0198	90-0755 (H35) 90-0756 (N ₂)	90-0197	90-0179	90-0307	90-0340
200 A	90-0637	90-0762	*220758	90-0343	90-0342	90-0307	90-0340
260 A	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340
400 A	90-0637	90-0707	*220712	90-0708	90-0405	90-0709	90-0571
130 A bevel	90-0637	90-0738	*220739	90-0656	90-0179	90-0606	90-0571
260 A bevel	90-0637	90-0738	*220739	*220607	90-0405	90-0606	90-0571
400 A bevel	90-0637	90-0707	*220712	90-0708	90-0405	90-0709	90-0571

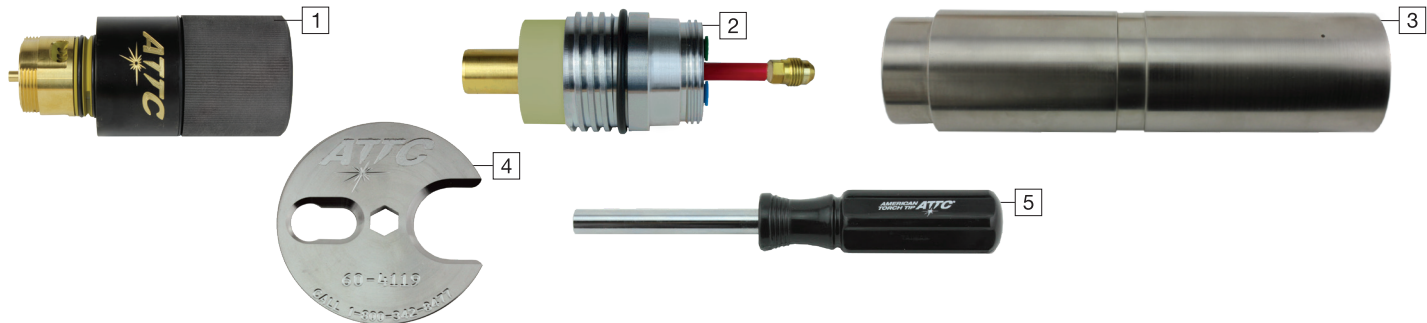
45 - 400 AMP CONSUMABLES



260 amp Aluminum consumables illustrated above

Aluminum							
Amp	Shield Cap	Shield	Nozzle Retaining Cap	Nozzle	Swirl Ring	Electrode	Water Tube
45 A	90-0747	90-0202	90-0756	90-0201	90-0180	90-0308	90-0340
130 A	90-0747	90-0198	90-0755 (H35) 90-0756 (Air)	90-0197	90-0179	90-0307 (H35) / 90-0181 (Air)	90-0340
200 A	90-0637	90-0762	*220759	90-0346	90-0342	90-0307	90-0340
260 A	90-0637	90-0763	*220758	90-0406	90-0405	90-0307	90-0340
400 A	90-0637	90-0707	*220712	90-0708	90-0405	90-0709	90-0571

PHDX™ PARTS & ACCESSORIES



Pos	Part #	Desc
1	90-0706	Torch body
2	*220705	Quick disconnect receptacle
3	90-0788	Torch mounting sleeve assembly Short 4.5"
	90-0789	Torch mounting sleeve assembly Standard 7"
	90-0790	Torch mounting sleeve assembly Long 9"
4	60-4119	Consumable tool
5	60-0000	Water tube tool
	90-8879	Torch kit: O-rings, Water tube, Seal
	90-8880	Quick disconnect kit: O-ring, Connector

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