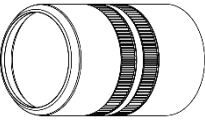

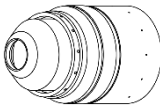


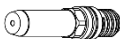
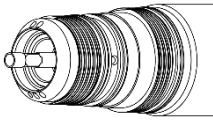
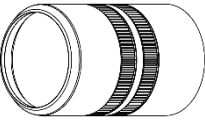

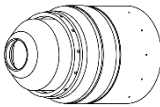



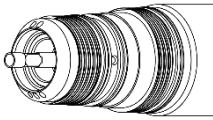
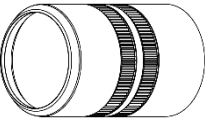

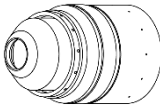




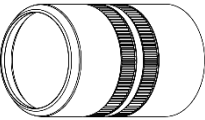

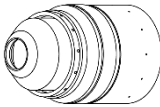




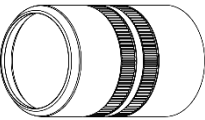

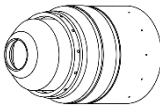




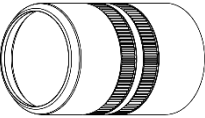

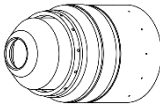






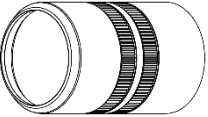

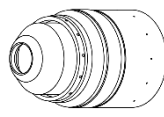


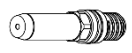

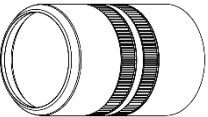

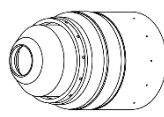


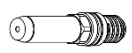



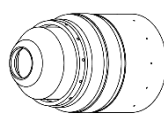


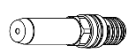

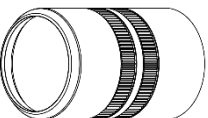

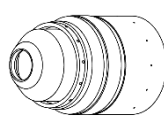


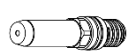

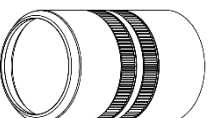
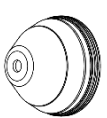
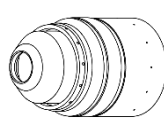


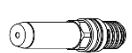

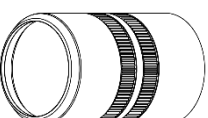
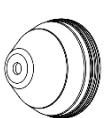
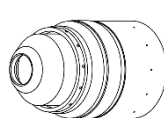


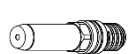
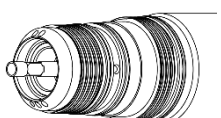
## 2.3 Selecting Consumables

### Mild Steel – Oxygen Plasma / Air Shield\*

	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
30A	BK602365 	BK602340 	BK602338 	BK602312 	BK602354 	BK602300 	BK602622, BK602625 
80A	BK602365 	BK602342 	BK602338 	BK602314 	BK602356 	BK602301 	BK602622, BK602625 
140A	BK602365 	BK602343 	BK602339 	BK602315 	BK602358 	BK602309 	BK602622, BK602625 
170A	BK602365 	BK602348 	BK602332 	BK602316 	BK602357 	BK602302 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602317 	BK602359 	BK602304 	BK602622, BK602625 
300A	BK602365 	BK602346 	BK602369 	BK602318 	BK602360 	BK602305 	BK602622, BK602625 

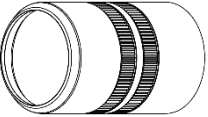

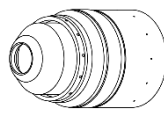


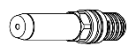

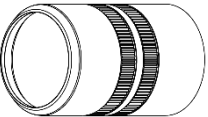

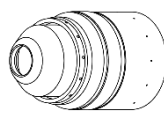


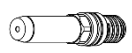

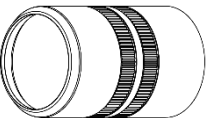

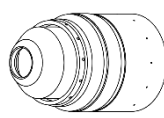


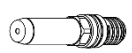

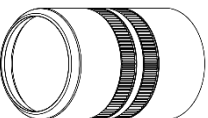

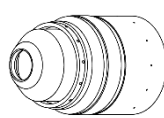


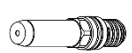

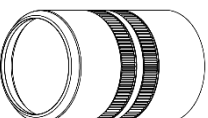
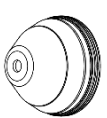
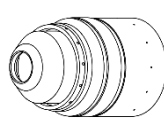


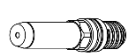

\* Oxygen Shield instead of Air Shield at 30A.

**Stainless Steel – Air Plasma / Nitrogen Shield\***

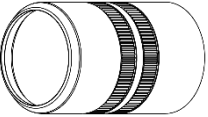

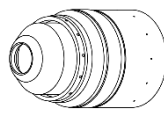


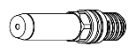

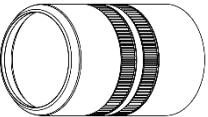

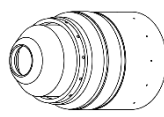


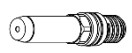

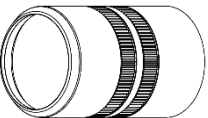

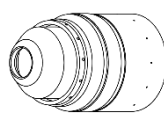


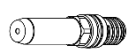

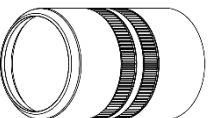

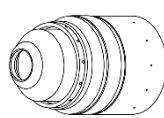


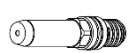

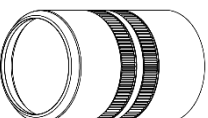
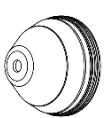
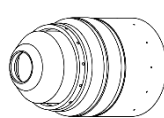


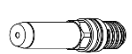

	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
30A	BK602365 	BK602341 	BK602344 	BK602313 	BK602355 	BK602303 	BK602622, BK602625 
80A	BK602365 	BK602342 	BK602338 	BK602314 	BK602356 	BK602301 	BK602622, BK602625 
140A	BK602365 	BK602343 	BK602339 	BK602315 	BK602358 	BK602309 	BK602622, BK602625 
170A	BK602365 	BK602348 	BK602332 	BK602316 	BK602357 	BK602302 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602317 	BK602359 	BK602304 	BK602622, BK602625 
300A	BK602365 	BK602346 	BK602369 	BK602319 	BK602360 	BK602305 	BK602622, BK602625 

\* Air Shield instead of Nitrogen Shield at 30A.

**Stainless Steel – H17 Plasma / Nitrogen Shield**

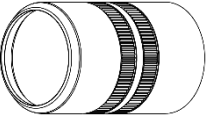

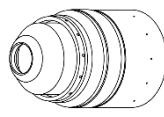


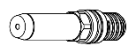

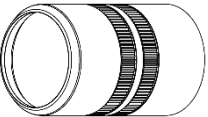

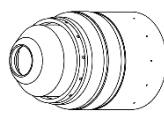


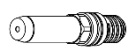



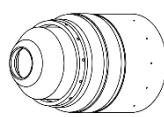


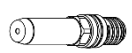

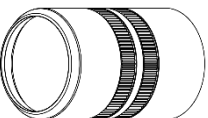

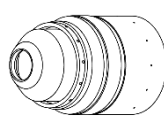


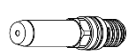

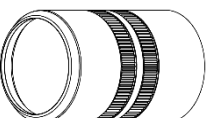
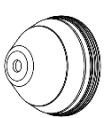
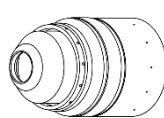


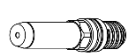

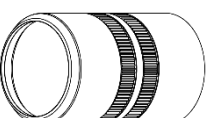
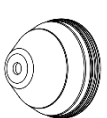
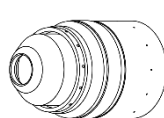


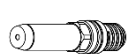
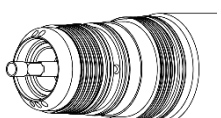
	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
80A	BK602365 	BK602342 	BK602347 	BK602325 	BK602354 	BK602310 	BK602622, BK602625 
140A	BK602365 	BK602352 	BK602339 	BK602327 	BK602358 	BK602311 	BK602622, BK602625 
170A	BK602365 	BK602345 	BK602332 	BK602317 	BK602358 	BK602311 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602328 	BK602363 	BK602311 	BK602622, BK602625 
300A	BK602365 	BK602353 	BK602336 	BK602320 	BK602364 	BK602311 	BK602622, BK602625 

**Stainless Steel – Nitrogen Plasma / H<sub>2</sub>O Shield\***

	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
80A	BK602365 	BK602342 	BK602347 	BK602325 	BK602354 	BK602310 	BK602622, BK602625 
140A	BK602365 	BK602352 	BK602339 	BK602327 	BK602358 	BK602311 	BK602622, BK602625 
170A	BK602365 	BK602345 	BK602332 	BK602317 	BK602358 	BK602311 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602328 	BK602363 	BK602311 	BK602622, BK602625 
300A	BK602365 	BK602353 	BK602336 	BK602320 	BK602364 	BK602311 	BK602622, BK602625 

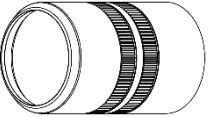

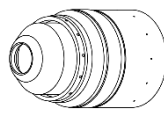


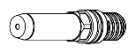

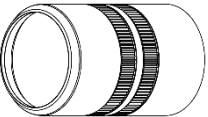

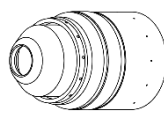


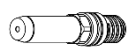

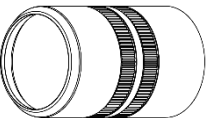

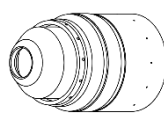


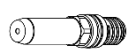

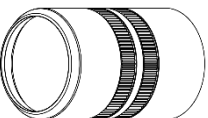

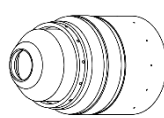


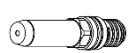

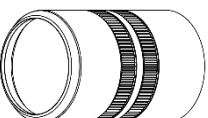
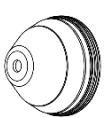
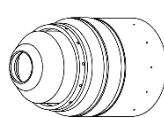


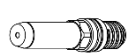

\* Requires FineLine Advanced Process Controller (APC) Option.

**Aluminum – Air Plasma / Nitrogen Shield**

	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
30A	BK602365 	BK602340 	BK602338 	BK602312 	BK602354 	BK602300 	BK602622, BK602625 
80A	BK602365 	BK602342 	BK602338 	BK602314 	BK602356 	BK602301 	BK602622, BK602625 
140A	BK602365 	BK602343 	BK602339 	BK602315 	BK602358 	BK602309 	BK602622, BK602625 
170A	BK602365 	BK602348 	BK602332 	BK602316 	BK602357 	BK602302 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602317 	BK602359 	BK602304 	BK602622, BK602625 
300A	BK602365 	BK602346 	BK602369 	BK602319 	BK602360 	BK602305 	BK602622, BK602625 

This information is subject to the controls of the Export Administration Regulations [EAR]. This information shall not be provided to non-U.S. persons or transferred by any means to any location outside the United States contrary to the requirements of the EAR.

**Aluminum – Air Plasma / H<sub>2</sub>O Shield\***

	Outer Cap	Shield Cap	Retaining Cap	Nozzle	Swirl Ring	Electrode	Torch
80A	BK602365 	BK602342 	BK602338 	BK602314 	BK602356 	BK602301 	BK602622, BK602625 
140A	BK602365 	BK602343 	BK602339 	BK602315 	BK602358 	BK602309 	BK602622, BK602625 
170A	BK602365 	BK602348 	BK602332 	BK602316 	BK602357 	BK602302 	BK602622, BK602625 
200A	BK602365 	BK602345 	BK602332 	BK602317 	BK602359 	BK602304 	BK602622, BK602625 
300A	BK602365 	BK602346 	BK602369 	BK602319 	BK602360 	BK602305 	BK602622, BK602625 

\* Requires FineLine Advanced Process Controller (APC) Option.