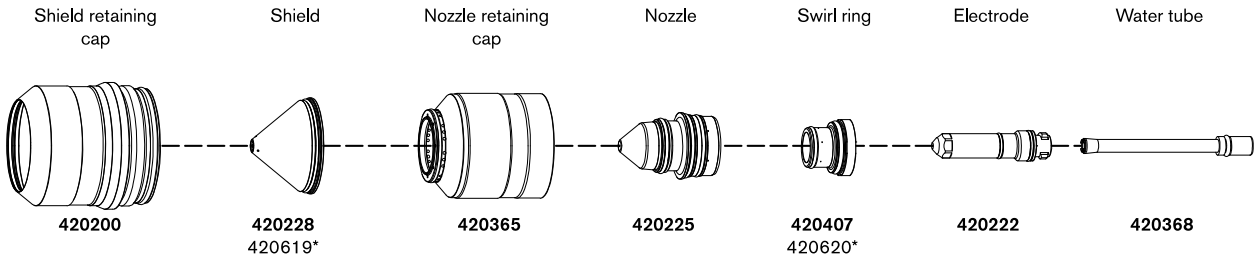
Example configurations for consumables

Worn or damaged consumables can have a negative effect on cut quality. Examine the installed consumables at least once daily, **before** system operation. For information about how to do this, refer to Examine the consumable parts on page 243 in the Maintenance section of this manual.

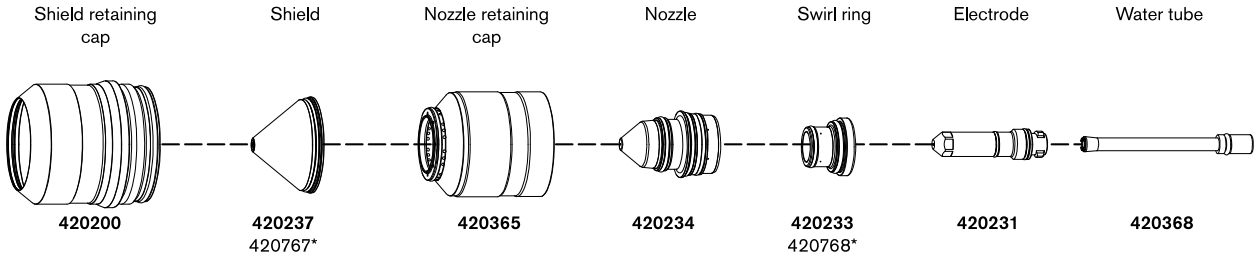
Ferrous (mild steel) example configurations

Mild steel – 30 A – O_2/O_2



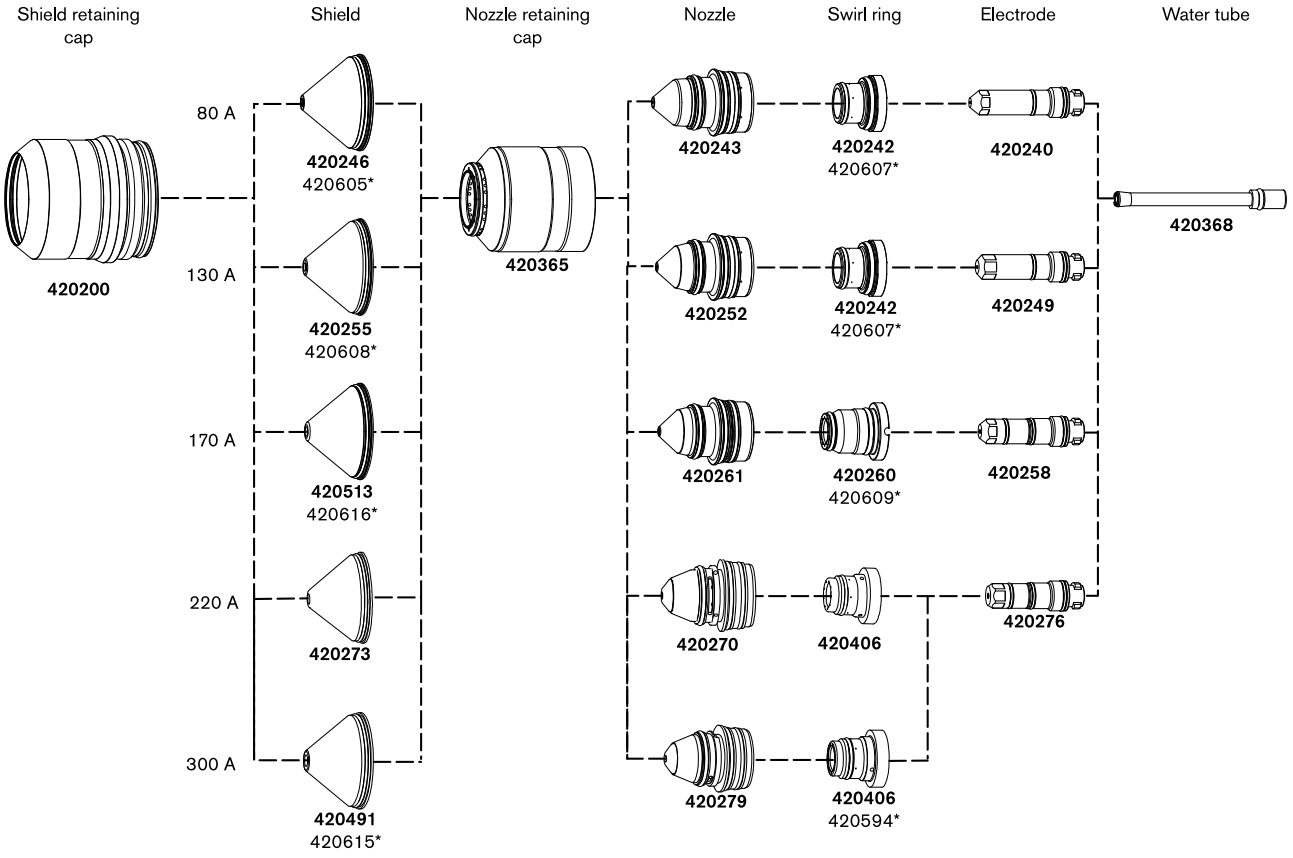
* Consumables for mirror cutting only.

Mild steel – 50 A – O_2/Air



* Consumables for mirror cutting only.

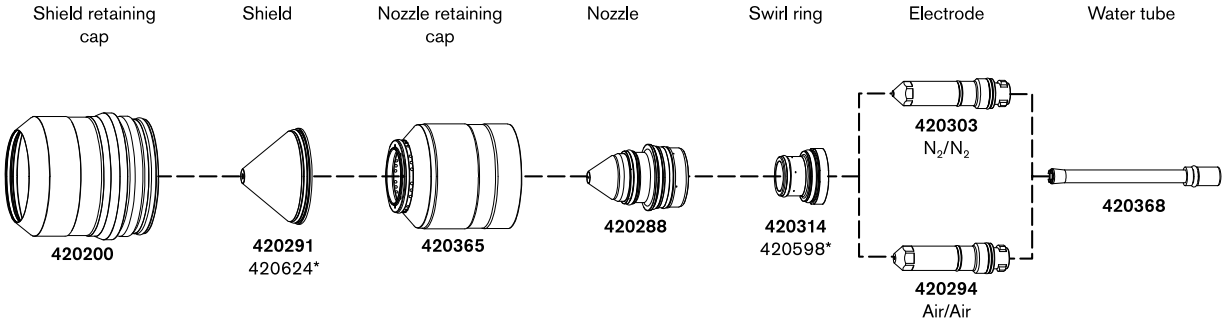
Mild steel – 80 A, 130 A, 170 A, 220 A, and 300 A – O_2/Air



* Consumables for mirror cutting only.

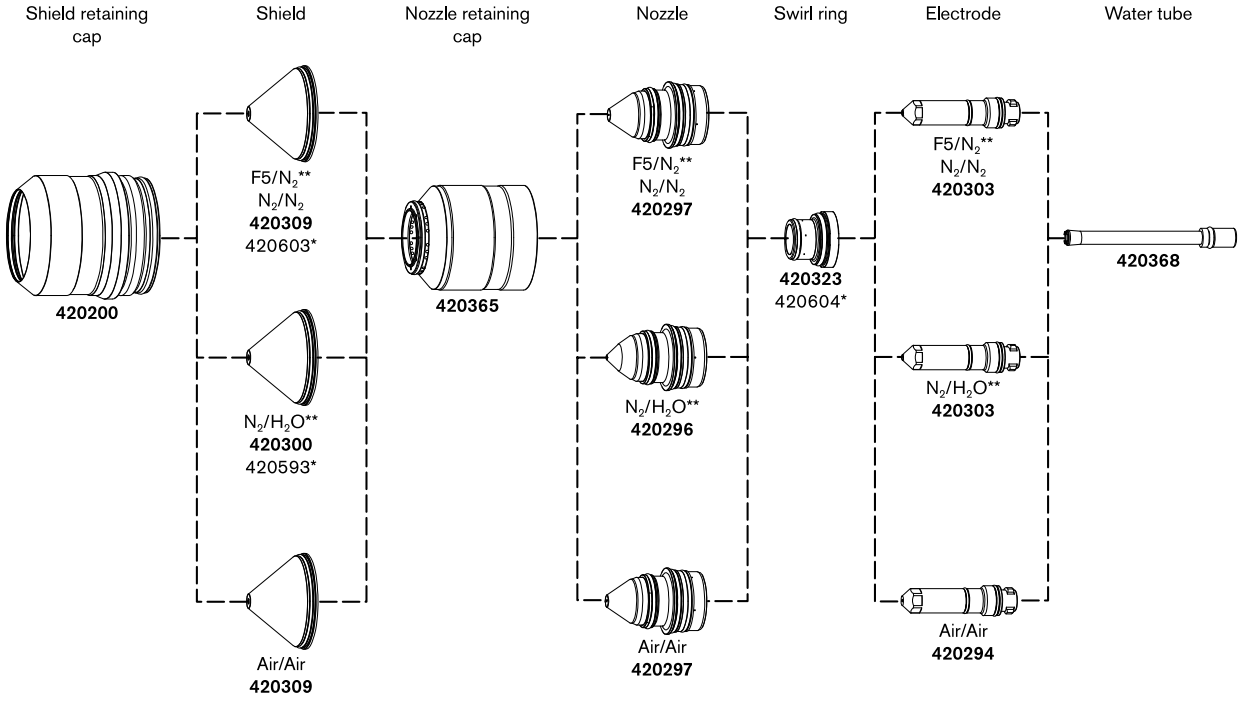
Non-ferrous (stainless steel and aluminum) example configurations

Non-ferrous – 40 A – N_2/N_2 and Air/Air



* Consumables for mirror cutting only.

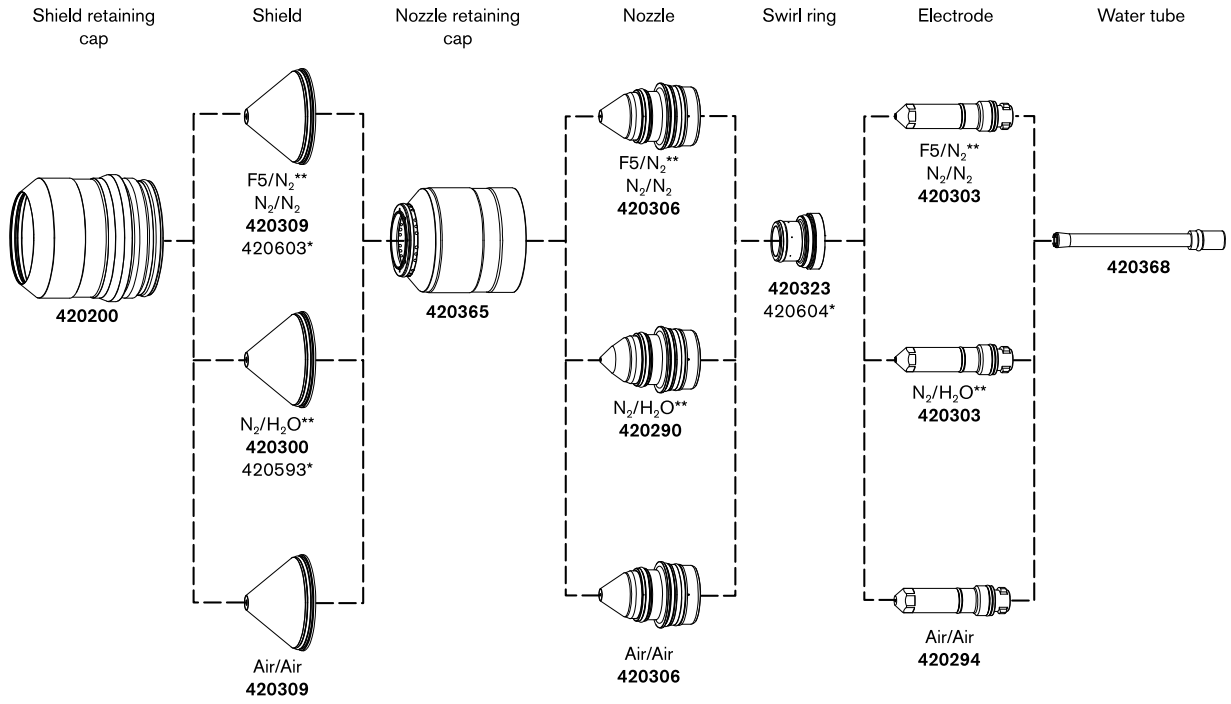
Non-ferrous – 60 A – F5/N_2**, N_2/N_2, N_2/H_2O**, and Air/Air



* Consumables for mirror cutting only.

** F5/N_2 and N_2/H_2O can only be used with VWI or OptiMix consoles.

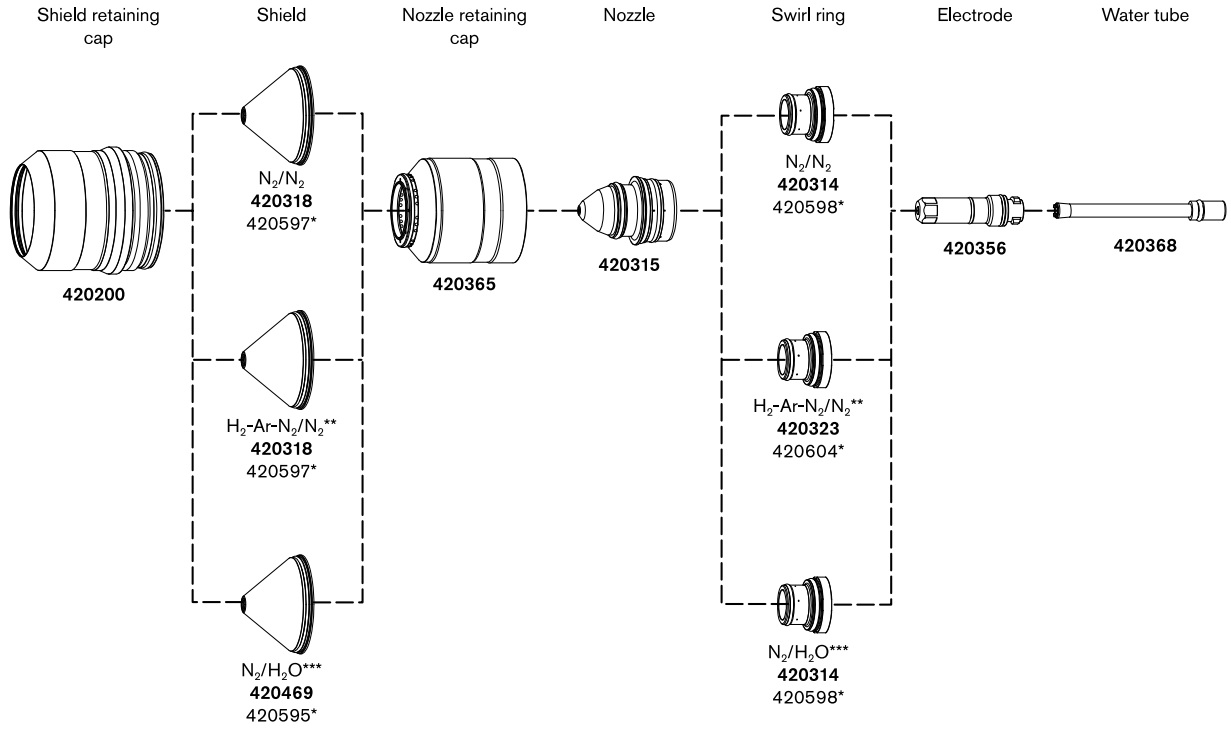
Non-ferrous – 80 A – F5/N_2**, N_2/N_2, N_2/H_2O**, Air/Air



* Consumables for mirror cutting only.

** F5/N_2 and N_2/H_2O can only be used with VWI or OptiMix consoles.

Non-ferrous – 130 A – N_2/N_2, H_2-Ar-N_2/N_2**, N_2/H_2O***

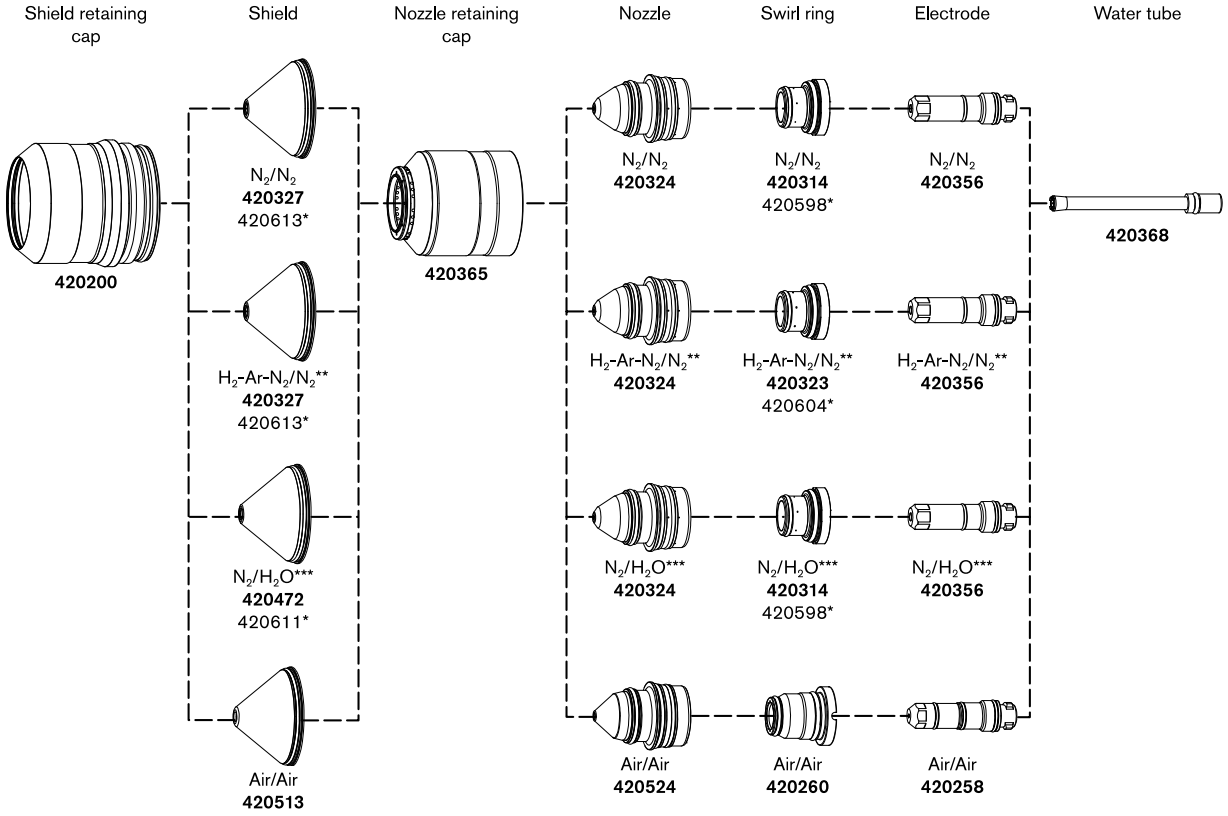


* Consumables for mirror cutting only.

** H_2-Ar-N_2/N_2 and N_2/H_2O can be used with OptiMix consoles.

*** N_2/H_2O can be used with VWI or OptiMix consoles.

Non-ferrous – 170 A – N_2/N_2, H_2-Ar-N_2/N_2**, N_2/H_2O***, Air/Air

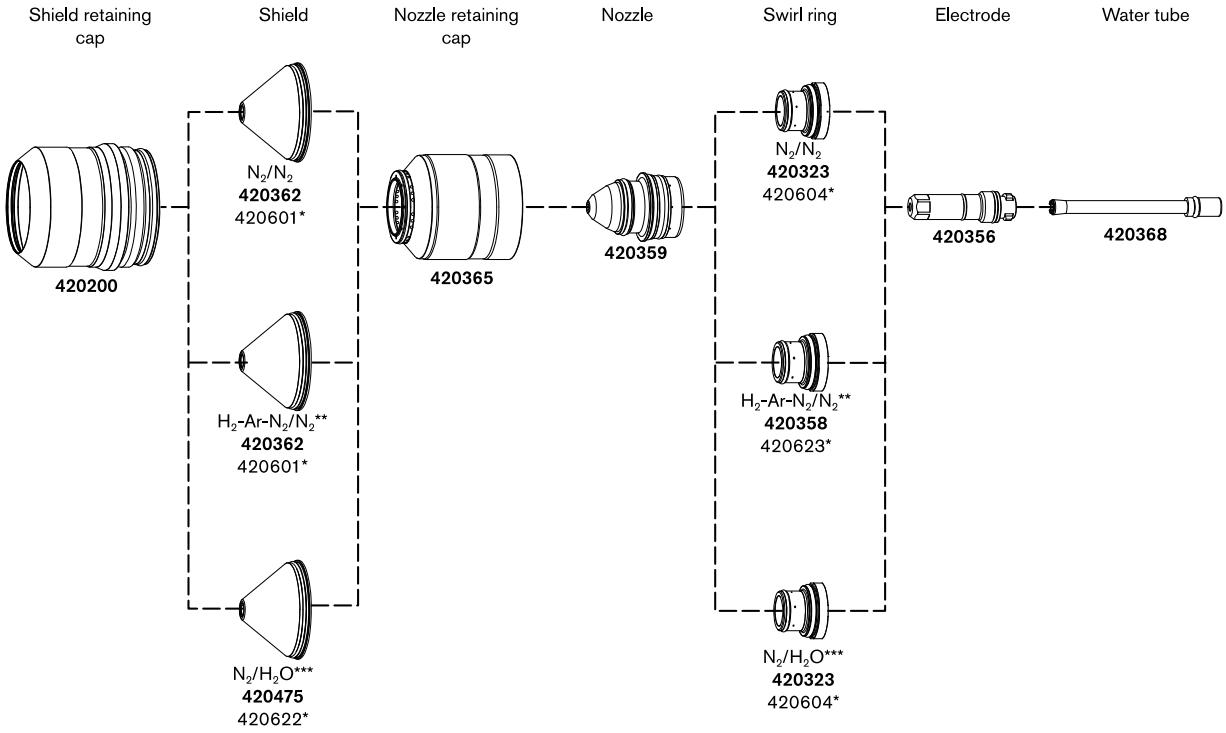


* Consumables for mirror cutting only.

** H_2-Ar-N_2/N_2 can be used with OptiMix consoles.

*** N_2/H_2O can be used with VWI or OptiMix consoles

Non-ferrous – 300 A – N_2/N_2, H_2-Ar-N_2/N_2**, N_2/H_2O***



* Consumables for mirror cutting only.

** H_2-Ar-N_2/N_2 and N_2/H_2O can be used on OptiMix consoles.

*** N_2/H_2O can be used with VWI or OptiMix consoles.