

Exotic Metals

<u>METAL</u>	<u>Cut Like</u>	<u>Plasma Gas</u>	<u>Shield GAS</u>	<u>Metal Info</u>
Maganese	Aluminum	Air	Air	Slower cut speed.
Titanium	Stainless	Nitrogen (Best) Air Oxygen	Air	Faster cut speeds, Under water due to large green flame. Cover torch to protect from heat. Cut in a well ventilated area.
Chrome	Stainless	Air	Air	Same Speed
Magnesium	Stainless	Air	Air	Fast Speed, cut above water.
Galvanized	Mild steel	Air or Oxygen	Air	Same speeds, Bad fumes
Nickel	Stainless	Air or H35	Air	Same speeds
Bronze	Mild steel	Oxy/Nitrogen	Air	Slower speeds
Brass	Stainless	Air	Air	Slower Speeds, Start at 10% less. The edge will be rough, dark and will heavy dross. Brass is a combination of Copper and Zinc.
Cast Iron	Mild Steel	Oxy/Nitrogen	Air	Cut you capacity in half and your speed in half.
Copper	Mild steel	Oxy/Nitrogen	Air	Cut the speed in half.