

Gas Cutting Tip Catalog 2026

12 models · acetylene, propane & natural gas · Victor, Harris & Smith style

Ningbo Fenghua Yizhou Welding & Cutting Tools Co., Ltd.

Since 2003 · Ningbo, China · 90% exported worldwide

Email yizhoutools@163.com · WhatsApp +8613081939747

MODEL 1C001-0001 · Acetylene

Heavy Duty Acetylene Cutting Tip



Built for the hardest daily use, this extra heavy-duty acetylene cutting tip features coarse "V" splines that resist slag clogging and keep preheat flames stable, while the thickened copper shell withstands abuse and delivers an exceptionally long service life in oxy-fuel cutting.

- Coarse "V" spline preheat design resists clogging from slag and spatter
- Extra-thick high-purity copper shell for maximum durability
- Stable, concentrated preheat flames for fast piercing and clean cuts
- Ideal for demolition, scrap cutting and heavy fabrication work

Specifications

Model	1C001-0001
Fuel gas	Acetylene
Material	High-purity copper
Construction	One-piece, heavy duty
Preheat design	Coarse "V" splines
Application	Oxy-fuel hand cutting
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0003 · Acetylene

Acetylene Cutting Tip · Copper Made



A professional-grade acetylene cutting tip machined from high-purity copper for excellent thermal conductivity and orifice precision. Optimized for 10–20 mm mild steel plate, it delivers a clean, narrow kerf with minimal dross in everyday oxy-fuel cutting.

- High-purity copper for superior heat dissipation and tip life
- Precision-drilled orifices for a clean, narrow kerf
- Optimized for 10–20 mm mild steel plate
- Smooth seat finish for a reliable gas-tight fit

Specifications

Model	1C001-0003
Fuel gas	Acetylene
Material	High-purity copper
Cutting range	10–20 mm mild steel
Construction	One-piece
Application	Oxy-fuel cutting
Supply	Wholesale · OEM · Distributor



MODEL 1C001-0013 · Acetylene

6290 Acetylene Cutting Tips · 2-Pack (Harris Style)

This two-piece value pack of 6290 series acetylene cutting tips fits Harris-style torches and covers 25–50 mm steel thickness. Machined from high-purity copper, each tip provides sharp, stable preheat cones and a smooth cutting oxygen stream for precise, repeatable cuts.

- Convenient 2-piece pack — keep a spare on hand
- Fits Harris-style cutting torches and attachments
- High-purity copper tips for 25–50 mm steel
- Stable preheat cones and smooth cutting oxygen stream

Specifications

Model	1C001-0013
Series	6290
Fuel gas	Acetylene
Material	High-purity copper
Cutting range	25–50 mm mild steel
Torch compatibility	Harris style
Package	2 pcs / pack
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0014 · Acetylene



6290-AC Two-Piece Acetylene Cutting Tip · Heavy Preheat

The 6290-AC heavy preheat series uses a two-piece design that delivers extra preheat power, making it the right choice for cutting painted, rusted or mill-scaled steel. Fits Harris-style torches and maintains clean, steady cuts where standard tips struggle.

- Heavy preheat flame cuts through paint, rust and mill scale
- Two-piece construction for efficient flame distribution
- Fits Harris-style cutting torches
- Consistent performance on dirty or coated plate

Specifications

Model	1C001-0014
Series	6290-AC
Fuel gas	Acetylene
Construction	Two-piece, heavy preheat
Best for	Painted / rusted / scaled steel
Torch compatibility	Harris style
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0016 · Propane / NG



6290-NFF Heavy Preheat Propane / Natural Gas Cutting Tip · 205D20

Designed for propane and natural gas, the 6290-NFF heavy preheat cutting tip (ref. 205D20) features a nickel-plated shell that resists spatter adhesion and corrosion. Its powerful preheat ring makes short work of rusted, painted or scaled steel in fabrication and demolition cutting.

- For propane and natural gas fuel systems
- Nickel-plated shell resists spatter and corrosion
- Heavy preheat ring for rusted and painted steel
- Interchange reference 205D20

Specifications

Model	1C001-0016
Series	6290-NFF
Fuel gas	Propane / Natural gas
Shell finish	Nickel plated
Preheat	Heavy preheat
Interchange ref.	205D20
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0020 · Propane / NG

6290-000NX Propane / Natural Gas Cutting Tip



The 6290-000NX two-piece cutting tip pairs a chrome-plated body with a brass seat for clean, precise cuts on propane or natural gas. Compatible with Harris-style torches, it keeps a crisp cutting oxygen stream and even preheat ring for smooth cut faces.

- Two-piece chrome brass construction for clean cuts
- For propane and natural gas fuel systems
- Compatible with Harris-style torches
- Crisp cutting oxygen stream, even preheat ring

Specifications

Model	1C001-0020
Series	6290-000NX
Fuel gas	Propane / Natural gas
Construction	Two-piece, chrome plated brass
Torch compatibility	Harris style
Application	Oxy-fuel cutting
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0026 · Acetylene

6# Acetylene Cutting Tip · 164 Series Heavy Preheat One-Piece



A premium 164 series one-piece acetylene cutting tip in size 6#, engineered for heavy preheat hand and machine cutting. Compatible with 4700, 5700 and 9000 series torches, it delivers powerful preheat flames and a stable oxygen jet for thick-plate work.

- One-piece 164 series design, size 6#
- Heavy preheat for hand and machine cutting
- Compatible with 4700 / 5700 / 9000 series torches
- Stable oxygen jet for thick-plate cutting

Specifications

Model	1C001-0026
Series	164 (size 6#)
Fuel gas	Acetylene
Construction	One-piece, heavy preheat
Cutting mode	Hand & machine cutting
Torch compatibility	4700 / 5700 / 9000 series
Supply	Wholesale · OEM · Distributor

MODEL 1C001-0029 · Acetylene

Acetylene Cutting Tip for Smith-Style Torches



Purpose-built for Smith-style oxy-fuel torches, this premium acetylene cutting tip features precision-drilled orifices that produce sharp preheat cones and a laminar cutting oxygen stream — the foundation of a clean, square-edged cut.

- Precision-drilled orifice for clean, square cuts
- Purpose-built for Smith-style torches
- High-purity copper for long tip life
- Consistent quality, batch after batch

Specifications

Model	1C001-0029
Fuel gas	Acetylene
Material	High-purity copper
Torch compatibility	Smith style
Application	Oxy-fuel cutting
Supply	Wholesale · OEM · Distributor



MODEL 1C001-0007 · Propane / NG

GPN Series Propane / Natural Gas Cutting Tip · Two-Piece

The GPN series is a premium two-piece propane / natural gas cutting tip for general-purpose hand and machine cutting. A copper outer shell with a brass spline insert gives medium preheat and stable flames across nine sizes, covering plate from 1/8" up to 8". Fits UWELD-style CA2460 / CA1060 / ST / SST / 1400C cutting attachments.

- Heavy-duty two-piece construction: copper shell with brass spline insert
- General-purpose tip for hand and machine torch cutting
- Nine sizes (000–6) cover 1/8" to 8" (3–200 mm) plate
- Medium preheat tuned for propane and natural gas
- Fits CA2460 / CA1060 / ST / SST / 1400C series cutting attachments

Specifications

Model	1C001-0007
Series	GPN
Fuel gas	Propane / Natural gas
Construction	Two-piece, medium preheat
Sizes	000 · 00 · 0 · 1 · 2 · 3 · 4 · 5 · 6
Cutting range	1/8" – 8" (3–200 mm)
Application	Hand & machine cutting
Supply	Wholesale · OEM · Distributor

Size & Pressure Chart

Size	Cutting thickness	Oxygen (psig)	Fuel (psig)
000	1/8"	20/25	3/5
00	1/4"	20/25	3/5
0	3/8" – 1/2"	30/35	3/5
1	3/4"	30/35	4/6
2	1" – 1-1/2"	40/45	5/9
3	2" – 2-1/2"	45/50	6/10

Size	Cutting thickness	Oxygen (psig)	Fuel (psig)
4	3"	45/50	8/12
5	4" – 5"	50/55	8/12
6	6" – 8"	55/65	10/15



MODEL 1C001-0011 · Propane / NG

3-GPN Propane / Natural Gas Cutting Tip · Victor-Style

The 3-GPN series is a two-piece propane / natural gas cutting tip built for Victor-style torches and cutting attachments. Its copper shell and brass spline insert deliver medium preheat and steady flame control for general-purpose hand and machine cutting from 1/4" up to 2-1/2" plate.

- Compatible with Victor-style torches and cutting attachments
- Two-piece copper shell with brass spline insert
- Five sizes (00–3) cover 1/4" to 2-1/2" (6–65 mm) plate
- Medium preheat for propane and natural gas fuel
- Fits CA2460 / CA1060 / ST / SST / 1400C series cutting attachments

Specifications

Model	1C001-0011
Series	3-GPN
Fuel gas	Propane / Natural gas
Construction	Two-piece, medium preheat
Sizes	00 · 0 · 1 · 2 · 3
Cutting range	1/4" – 2-1/2" (6–65 mm)
Torch compatibility	Victor style
Supply	Wholesale · OEM · Distributor

Size & Pressure Chart

Size	Cutting thickness	Oxygen (psig)	Fuel (psig)
00	1/4"	20/25	3/5
0	3/8" – 1/2"	25/30	3/5
1	1"	30/35	3/5
2	2"	35/45	4/8
3	2" – 2-1/2"	40/50	5/10

MODEL 1C001-0002 · Acetylene

UW-1102 Acetylene Cutting Tip · Sizes 1–3



A precision oxy-acetylene cutting tip for workshop and industrial use. The UW-1102 is offered in three sizes that together cover mild steel from 6 mm to 40 mm, with clearly specified oxygen and acetylene pressures for clean, efficient cutting on standard welding and cutting equipment.

- Three sizes cover 6–10 mm, 10–20 mm and 20–40 mm plate
- Compatible with oxygen / acetylene on standard cutting equipment
- Precision-machined orifices for accurate, stable cutting
- Durable construction for daily industrial and workshop use

Specifications

Model	1C001-0002
Order No	UW-1102
Fuel gas	Acetylene
Sizes	1 · 2 · 3
Cutting range	6–40 mm mild steel
Tip orifice	1.5 mm
Application	Industrial & workshop cutting
Supply	Wholesale · OEM · Distributor

Size & Pressure Chart

Size	Cutting thickness (mm)	Oxygen (MPa)	Acetylene (MPa)
1	6–10	0.20–0.25	0.035
2	10–20	0.20–0.25	0.035
3	20–40	0.25–0.32	0.045

MODEL 138 · Acetylene

138 Oxy-Acetylene Cutting Tip · Airco Style



The 138 series is a one-piece oxy-acetylene cutting tip built for Airco / CONCOA style torches. A solid copper body and light-preheat design keep the preheat flame tight and concentrated, which suits hand cutting, machine cutting and fine contour work on clean carbon steel. Eight sizes from 00 to 6 cover cutting-oxygen orifices of 0.8 to 2.4 mm and plate from 1 to 150 mm, so the tip can be matched to the thickness on the job.

- Fits Airco / CONCOA style torch seats
- One-piece solid copper body for steady heat transfer
- Light preheat with a concentrated flame for clean, narrow kerfs
- Eight sizes (00–6) cover 1–150 mm plate
- Cutting oxygen orifice from 0.8 mm to 2.4 mm
- Hand and machine cutting, including fine contour work on clean carbon steel

Specifications

Model	138
Series	138
Torch compatibility	Airco / CONCOA style
Fuel gas	Acetylene
Oxidizer	Oxygen
Construction	One-piece
Material	Copper
Preheat	Light preheat
Sizes	00 · 0 · 1 · 2 · 3 · 4 · 5 · 6
Cutting oxygen orifice	0.8 – 2.4 mm
Cutting range	1 – 150 mm
Cutting mode	Hand & machine cutting
Suited material	Clean carbon steel
Typical use	General & contour cutting
Supply	Wholesale · OEM · Distributor

Size Selection Chart

Size	Cutting oxygen orifice	Recommended thickness
00	0.8 mm	1–3 mm
0	1.0 mm	3–6 mm
1	1.2 mm	6–10 mm
2	1.4 mm	10–20 mm
3	1.6 mm	20–40 mm
4	1.8 mm	40–60 mm
5	2.1 mm	60–100 mm
6	2.4 mm	100–150 mm

Contact the Factory

Ningbo Fenghua Yizhou Welding & Cutting Tools Co., Ltd.

宁波市奉化一洲焊割工具有限公司

Baidu Industrial Zone, Xiwu Street, Fenghua District, Ningbo, Zhejiang, China

Mr. Chen Songbing · General Manager · replies within 24h

WhatsApp: +8613081939747

Email: yizhoutools@163.com

Wholesale · OEM / private label · Distributor programs · Free samples for qualified buyers