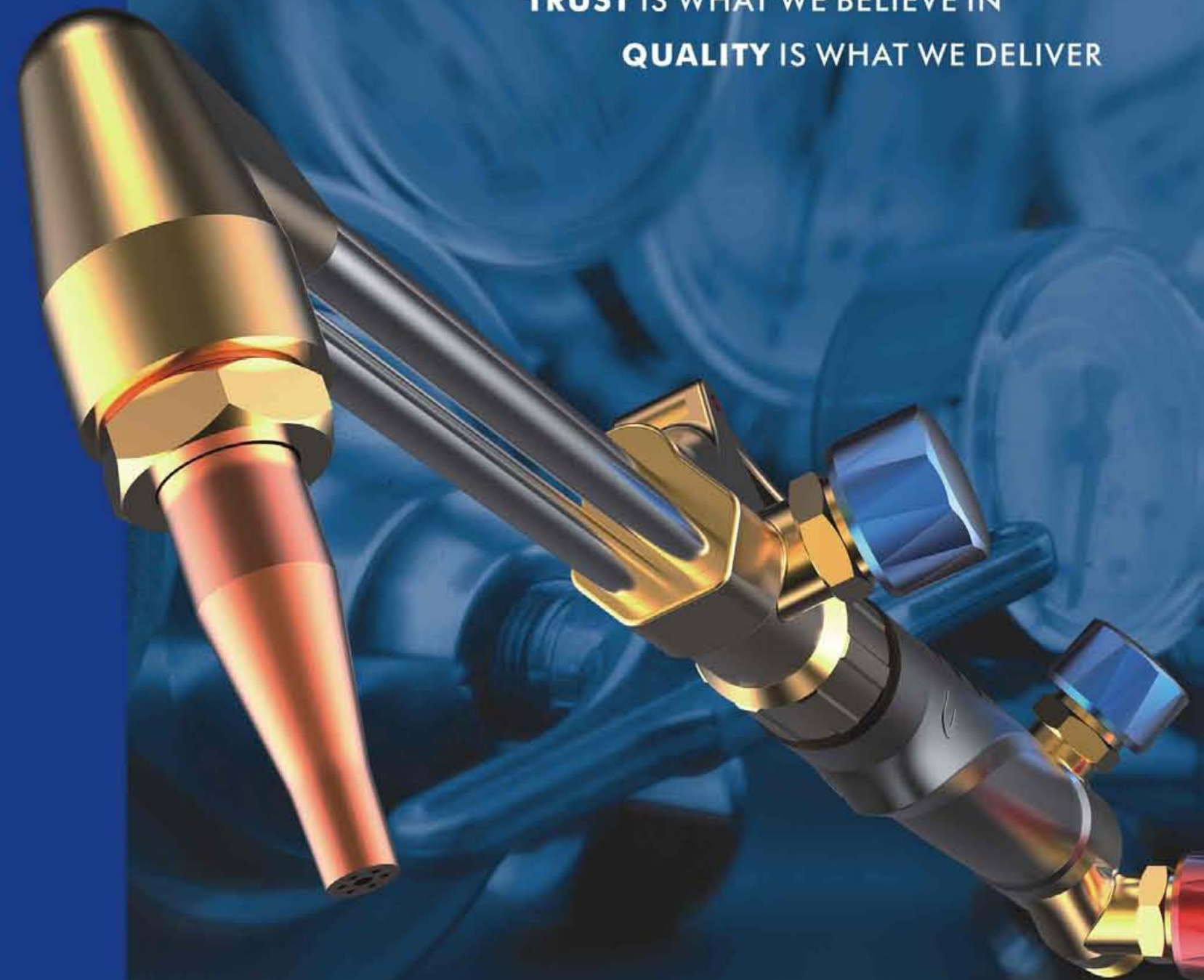




NINGBO UNITED TOOLS CO., LTD.

CATALOG 2016



TRUST IS WHAT WE BELIEVE IN
QUALITY IS WHAT WE DELIVER



宁波市尤耐克工具有限公司

NINGBO UNITED TOOLS CO., LTD.
UWELD TECHNOLOGIES CO., LTD.

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UWELD[®]

SANIPRO

**MASTER
MOUNT**

ABOUT US

NINGBO UNITED TOOLS CO., LTD was officially founded in the year of 2006 as a specialized manufacturer and exporter of professional gas welding & cutting torches, heating torches, pressure regulators, as well as accessories and spare parts in gas equipment industry. With the combination and support of four plants, whose manufacturing backgrounds can be traced back to the early 1970', we enjoy quite a reputation in the domestic market all over China and also international markets in over 50 countries mostly in North America, South America, Southeast Asia, and some European countries at the same time.

Due to the enormous expansion of the gas welding & cutting business, UWELD has realized the importance of innovation and creation. In the year of 2010, a new company named UWELD TECHNOLOGIES CO., LTD was founded. With its own excellent research&development team, fully trained technicians and well equipped precision machinery, UWELD has been approved as a brand with high quality and long service life.

Over the past decade, UWELD products have passed the ISO 9001 certification and the CE certification, tested by the world's most leading inspection companies SGS and IGS, meanwhile, the applying of the American UL product safety standard certification is in pending process.

UWELD will be constantly making great efforts to offer products with improving quality and satisfactory service, at the same time to become a qualified supplier of world's most prestigious gas equipment companies and UWELD its own a well recognized brand.



**GENERAL
MANAGER**

**R & D
Department**

- Research Division
- Engineering Design Division

**Marketing
Department**

- Sales Division
- Publicity Division
- Shipping Division

**Manufacturing
Department**

- Production Division
- Technician Engineering Division
- Inspection Division
- Quality Control Division

**Financial
Department**

- Cashier Division
- Accounting Division

**Central
Management
Department**

- Human Resource Division
- Administration Division
- Public Relations Division

UWELD team is consisted of research & development department,marketing department,manufacturing department,financial department and central management department. Every member of each division is making an effort everyday to make a difference by doing what they can contribute.

UWELD team aims to offering the products of the best quality we can supply, and constantly improving service to our respected customers. We have been striving for meeting the customers' requirements as well as expectations over the years, no matter it is of for OEM orders or it is of UWELD brand products. Though we have customers from countries all over the world with different cultural backgrounds and different religious beliefs, we answer every single question with patience and solve each problem that day to day work brings.

As we believe the key to a successful business relationship depends not only on products of good quality, but also on excellent understanding and fluent communication, UWELD team is looking forward to establishing a mutual-beneficial, long term business partnership with you.

Graham

APPLICATION FIELDS

The professional welding and cutting equipment that UWELD has to offer can mainly be classified into four product categories:

Oxyfuel cutting

Gas products mainly like gas regulator and gas cutting torches have been widely used with the gas combination of oxygen & acetylene / oxygen & propane in many fields.

Welding

Electric welding machines and welding torches have the same function and are even more popular than the gas products. Both of the above two categories are commonly found in fields like building construction, industrial maintenance, vessel manufacturing, all kinds of metal-based artwork, and DIY.

Heating & Brazing

Heating torches and Brazing kits are overwhelmingly applied in HVAC technology, farming and gardening, roofing, hardware manufacturing, as well as outdoor camping.

Safety series

Protection will always be necessary during all these welding and cutting process. Safety products like welding goggles, automatic welding helmets, welding gloves are perfect for the welder's personal protection at work.



OXYFUEL CUTTING



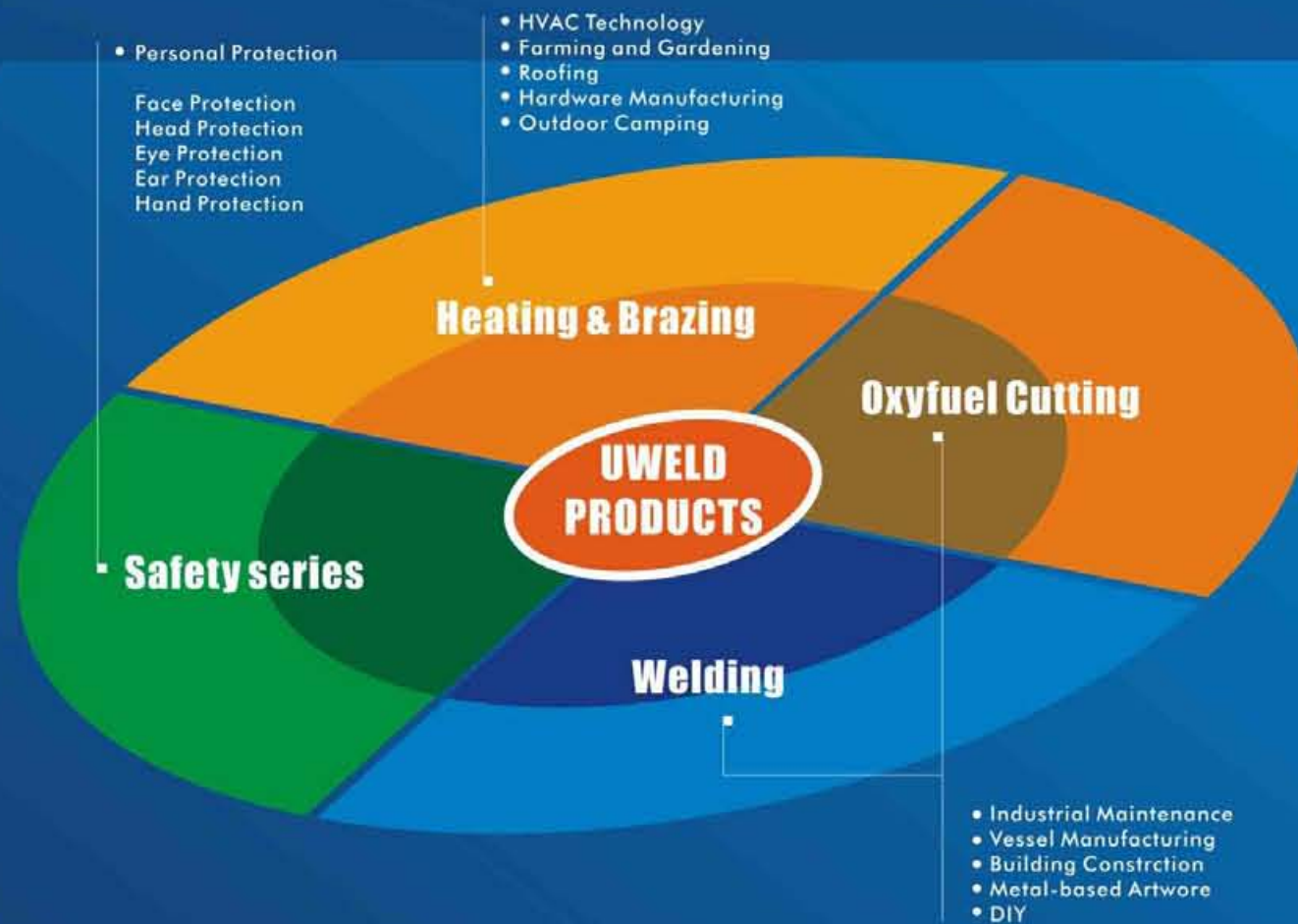
HEATING & BRAZING



WELDING



SAFETY SERIES



Cutting Torch

Oxyfuel gas cutting process is a series of chemical reactions between iron and oxygen. The oxyfuel flame brings the steel at the beginning of the cut up to kindling temperature of 1,600 F(871C). At the kindling temperature, steel will readily burn in the presence of oxygen. When the oxygen lever is turned on, the pure oxyfuel stream along with the steel at kindling causes a chemical reaction called oxidation, which produces slag. In addition to the oxyfuel preheat flame, the burning of the iron in the oxyfuel stream release large amounts of heat. This aids cutting action particularly when cutting thick steel. Moving the torch across the work produces continuous cutting action; straight, curved, or beveled cuts are readily made.

Packing:



Packing:



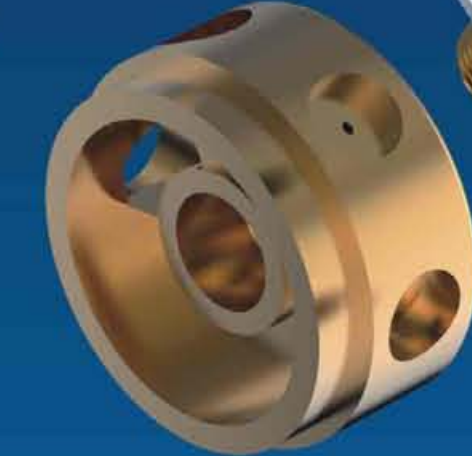
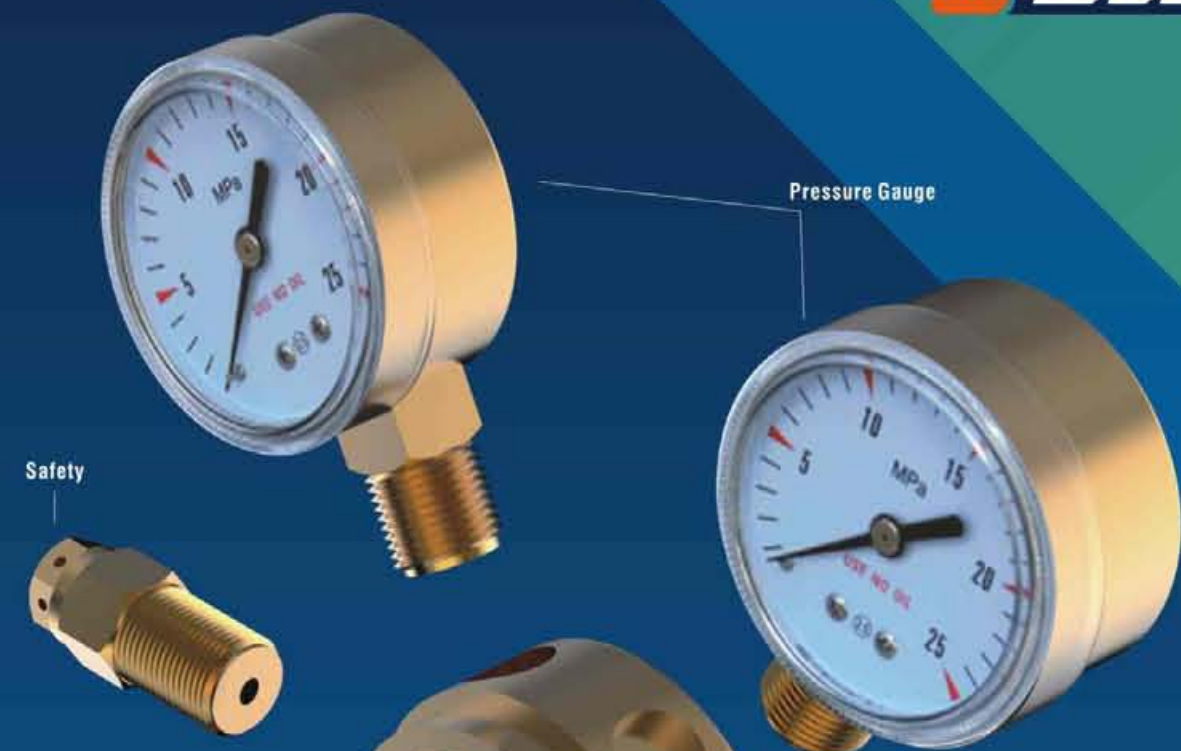
Regulator

Due to the fact that the required working pressure during gas welding and gas cutting is comparatively lower than the pressure in both of the gas cylinders, thus gas regulators play an essential role in reducing the pressure from the cylinders, and ensuring the pressure maintain stable throughout the operation process. In short, a gas regulator is a device which regulate gas with high pressure into gas with low press, and maintain the stability of the outlet gas pressure. Gas regulators are generally divided into single stage regulator and double stage regulator.

Gas service

oxygen, acetylene, propane, argon, nitrogen, CO₂, helium, air, natural gas, etc.

Packing:



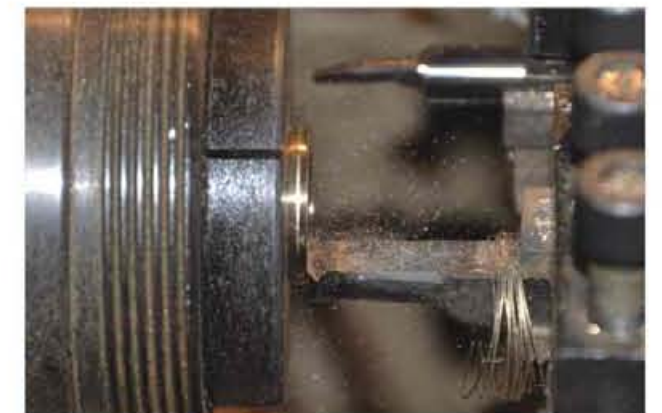
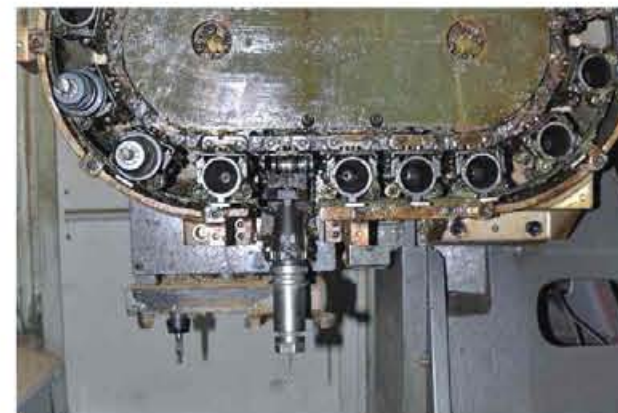
PROFESSIONAL QUALITY

UWELD believes that good products come from good production engineering. Our manufacturing division is equipped with more than 20 excellent technicians whose working experience being over 30 years. Also our plants are fully equipped with modern machinery such as: CNC lathe machine, laser cutting machine, laser printing machine, automated spray paint system, and accurate inspection devices. UWELD products have passed the ISO9001:2008 quality system as well as the European CE certification standard, both tested by the world's most leading inspection companies SGS and IGS.



忠于诚信 · 源自品质

R & D TESTING CENTER



忠于诚信 · 源自品质



FINE CRAFTWORK





Measuring Instrument





A welder wearing a red protective hood and a dark protective suit is working in a workshop. The welder is holding a torch and is positioned in front of a large piece of machinery. The background is slightly blurred, showing other equipment and a bright light source, possibly from a welding process.

**TRUST IS WHAT WE BELIEVE IN
QUALITY IS WHAT WE DELIVER**

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WARNING

All gas cutting & welding products should only be used by well-trained professional technicians. Using before read the operation manual. Misoperation of these products could cause serious injuries even death due to high pressure and hazardous gases.

UWELD reserves the right to change of any products design, materials, or specifications without notice.

UWELD suggests using regulators and torches together with flashback arrestors or check valves.

PORTABLE WELDING CUTTING OUTFIT

Popular

Sturdy and durable

Easy to carry



Gas welding and cutting tools have been more and more widely applied in different fields of industries. UWELD is a specialized manufacturer and developer of professional gas welding and cutting equipment.

These whole series of welding and cutting equipment are widely used in all types of industries, application range varies from building construction to home use, welding/heating, DIY work, pretty much everywhere in daily life.

Regarding the different requirements for different welding environment, UWELD is offering different combinations of welding and cutting equipment for customers from all over the world.



FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can cut to 3/4" (19.1mm) and weld to 1/8" (3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0001 UW-1515

Including

- | | | |
|--------------------|-----------------------|------------------------|
| 01 Carry Tote | 02 Cutting Attachment | 03 Torch Handle |
| 04 Cutting Nozzle | 05 Oxygen Regulator | 06 Acetylene Regulator |
| 07 Oxygen Cylinder | 08 Acetylene Cylinder | 09 Twin Welding Hose |



Applicable Gas	oxygen and acetylene
Application	medium-volume soldering
Capacity	Cutting up to 3/4" (19.1mm) plate Welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L (20 CU. FT.) CGA540
Acetylene Cylinder	2L (10 CU. FT.) CGA200
Welding Tips	80V #1, #2
Cutting Tip	1-3-101

Accessories included

3S001-0021	1C003-0006	4P003-0003	4P003-0026	4P003-0009
Goggles	5# green			
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy			
Tote	red injection molded polypropylene carry case			
Lighter	single flint			
Tip Cleaner	80mm / 100mm			
Wrench	multi functional			

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models. **Check Valve & Propane Cylinder Available**

1Mpa = 1000Kpa = 10.197 Kgf/cm² = 145.04psi, 1 m³/h = 16.67 LPM = 35.32 SCFH

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can weld to 1/8"(3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0002 UW-1515-A

1C016-0002 UW-1515-A

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L propane cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can weld to 1/8"(3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0003 UW-1515-B



Applicable Gas	oxygen and acetylene
Application	medium-volume cutting and soldering
Capacity	welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Acetylene Cylinder	2L(10 CU.FT.) CGA200
Welding Tips	80V #1,#2

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	red injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

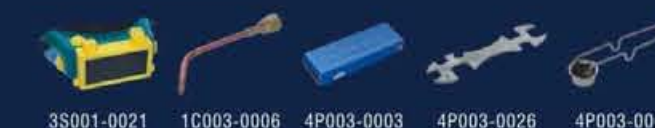
1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

Applicable Gas	oxygen and propane
Application	medium-volume cutting and soldering
Capacity	welding up to 1/8" (45mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Propane Inlet	G3/4
Propane Outlet	M16 x 1.5
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Propane Cylinder	2L(10 CU.FT.)
Welding Tips	5 pcs

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	red injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

PORTABLE WELDING CUTTING KIT

- Contains all the quality equipment needed for cutting, welding and brazing in a durable steel trolley.
- The outfit is designed to carry one acetylene cylinder and one oxygen cylinder.
- As supplied, the outfit can cut to 6" (150mm) and weld to 3/8" (9mm) with larger tips.



PORTABLE GAS BRAZING & WELDING KIT

This Turbo Set allows greater flexibility for brazing, welding and heating applications through a section of 5 different nozzles. Ideal for plumbing, air conditioning, refrigerator system repairs, automotive and maintenance use. This set is also widely used in DIY home workshops and on-site applications. The whole set is safe and easy to transport, compact and lightweighted.

Features:

- Uses disposable cylinders, no rental cost required.
- Flame temperature over 3000°C.
- Light weight design metal carry stand.
- Flashback arrestors built into regulators.
- Flashback arrestors built into torch handle.
- Oxygen regulators includes contents gauge.
- Fuel gas regulator includes pressure gauge.
- 2 metres twin hose set.



Applicable Gas	oxygen and acetylene
Application	high-volume cutting and soldering
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA300 / CGA510
Acetylene Outlet	9/16"-18
Oxygen Cylinder	10L CGA540
Acetylene Cylinder	10L CGA300 / CGA510
Welding Tips	200V #1, #2
Cutting Tip	1-3-101

Optional Accessories:



Accessories included

Goggles	5# green
Twin Hose	33' x 1/4" (10m x 6.4mm) with flame retardancy
Tote	tough, light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Applicable Gas	oxygen and mapp gas
Application	high-volume brazing and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Oxygen Regulator	0-250 bar
Mapp Regulator	0-2.5 bar
Welding Nozzle	Nozzles *5 pcs

Accessories included

Goggles	5# green
Twin Hose	2m of separated hose
Tote	tough, light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

Proudly designed and developed by UWELD R&D division.

The newly developed fully injection tool case is manufactured with highly impact Polyethylene and sophisticated craftwork to render maximum client satisfaction. With different insert designs and colors, this tool case is ideal for various models of heavy/medium duty welding and cutting equipment as per request. The drawer within the cover is nicely finished with extra internal support, bearing the pressure from both sides. Extra thickness around the edges ensures complete protection during transportation as well as in demanding working environment. Four stainless steel lock catches make sure the whole case is perfectly sealed, offering full protection for the items included. The unique robust structure on the front cover presents an outstanding look and added durability. OEM service available.

Extra thickness around the edges ensures complete protection.

Four stainless steel lock catches make sure the whole case is perfectly sealed.

The drawer within the cover is nicely finished with extra internal support, bearing the pressure from both sides.

The unique robust structure on the front cover presents an outstanding look and added durability. OEM service available.

HEAVY DUTY WELDING & CUTTING OUTFIT



1C016-0045 UW-1503

Accessories included

Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	black injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Features

Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1/2" (12.7mm) plate cutting up to 8" (200mm) plate
Heavy duty regulator	screw type with forged full brass body
Torch handle	brass body with stainless steel needle valves
Oxygen Regulator	CGA540 inlet, 9/16"-18 outlet
Acetylene Regulaot	CGA510 inlet, 9/16"-18 outlet
Torch handle	315FC
Cutting Attachment	2460
Welding Tips	#1, #3, #5
Cutting Tip	1-101 #1
Heating Tip	MFA-1 #8



Wanna have your **OWN EXCLUSIVE** welding & cutting kit ?

Come to **UWELD!**

YOU MAKE A LIST , WE DELIVER A KIT AND MORE ...



**HEAVY DUTY
WELDING & CUTTING
OUTFIT**



1C016-0101

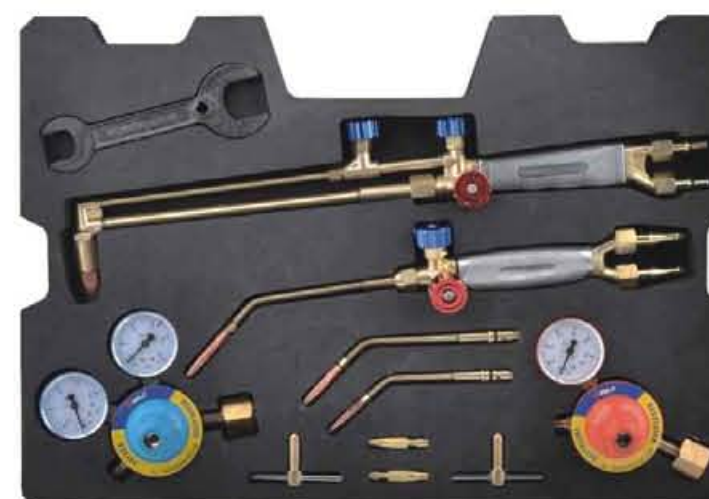
NM-250 Model is principally intended for general workshop cutting up to 300mm (12") capacity. The balance and trim combined with 480mm (18") length make it ideally suited for most industrial applications.

- Designed for oxy/fuel gas cutting of steel up to 300mm(12") thickness using oxygen with either acetylene or propane as a fuel gas.
- For use with ANME (acetylene) or PNME (propane) cutting nozzles.
- 3/8"BSP hose connection
- Gas type: Acetylene or propane
- Length: 480mm
- Head angle: 90 degrees

Acetylene Inlet	G5/8"-LH
Acetylene Outlet	G3/8"
Oxygen Inlet	G5/8"-RH
Oxygen Outlet	G3/8"



1C016-0102



1C016-0103

Capacity: cutting up to 100mm (4").
Welding up from 0.5mm to 6.0mm
Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
Die forged brass head for added strength and durability.
Hose connection M16*1.5

Oxygen Inlet	G3/4
Oxygen Outlet	M16*1.5
Propane Inlet	G7/8
Propane Outlet	M16*1.5

The newly developed fully injection tool case is manufactured with highly impact Polyethylene and sophisticated craftwork to render maximum client satisfaction. With different insert designs and colors, this tool case is ideal for various models of heavy/medium duty welding and cutting equipment as per request. Extra thickness around the edges ensure completely protection during transportation as well as in demanding working environment. The unique robust structure on the front cover presents an outstanding look and added durability, OEM service available.



**MEDIUM DUTY
WELDING & CUTTING
OUTFIT**

1C016-0046 UW-1504

H-501 Welding & Cutting Kit.



Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability forged brass body, steel cap with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	grey injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1C016-0044 UW-1502-A

H-502 Welding & Cutting Kit.



Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	blue injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

EXCLUSIVE OUTFIT

Wanna have your **OWN EXCLUSIVE** welding & cutting kit ?

Come to **UWELD**

YOU MAKE A LIST , WE DELIVER A KIT AND MORE ...

MEDIUM DUTY WELDING & CUTTING OUTFIT



1C016-0104

It is a tried and tested blowpipe designed for lightweight production welding and maintenance.

It is a complete welding and cutting blowpipe of proven design.

Feature:

- Exceptionally comfortable in use.
- High integrity trim valves.
- Light and positive, ideal for high quality welding.
- Precision engineered mixer for precise gas control.
- All positional facility for nozzles through the serrated connection teeth.
- Parallel tubes for increased visibility when in use.
- High tensile brass head for extended service life.
- Piston cutting oxygen valve provides smooth cutting action.

Cuts up to 50mm plate
Welds up to 8mm plate



1C016-0105

It is a tried and tested blowpipe designed for lightweight production welding and maintenance.

It is a complete welding and cutting blowpipe of proven design.

Feature:

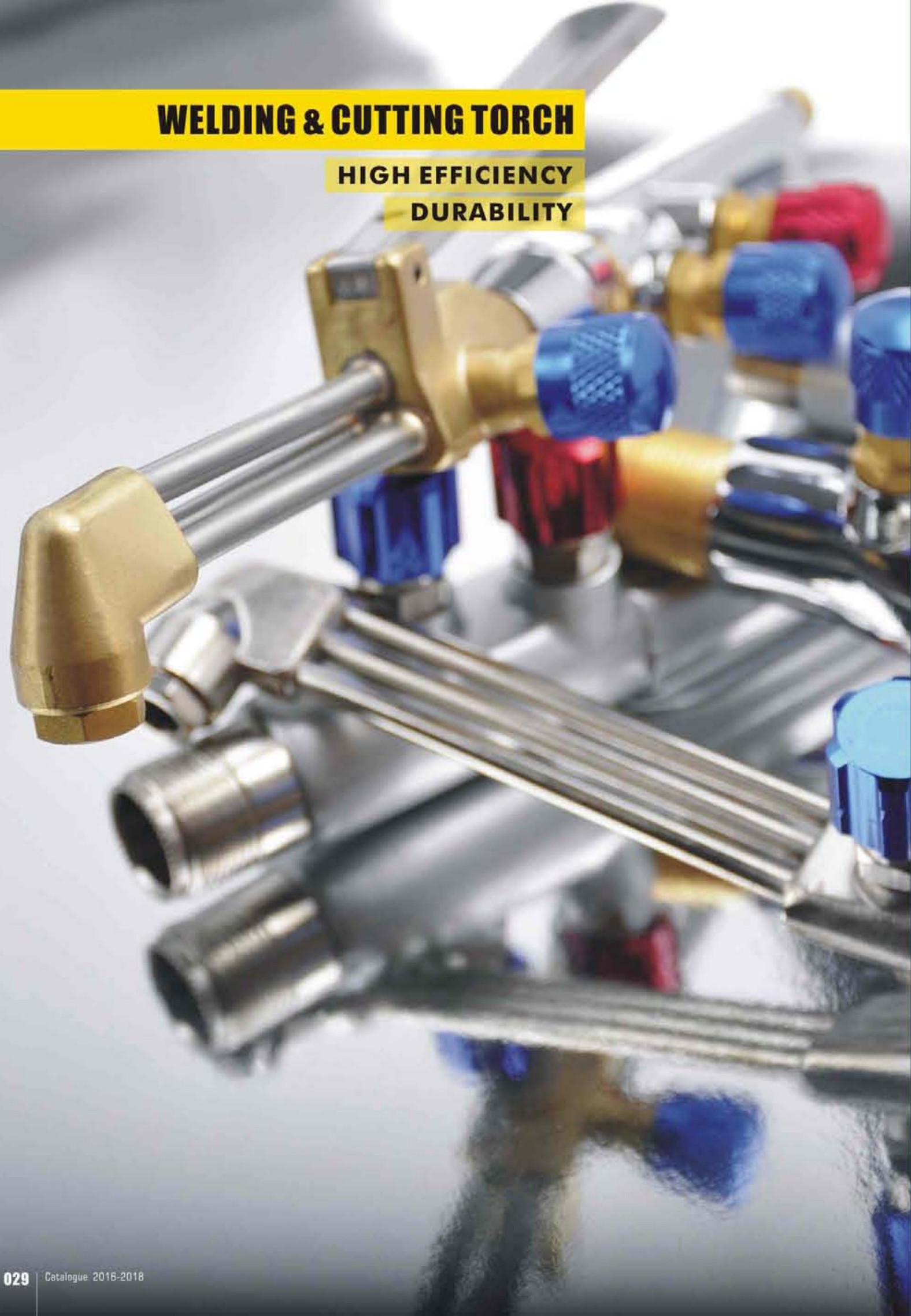
- Exceptionally comfortable in use.
- High integrity trim valves.
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- Precision engineered mixer for precise gas control.
- All positional facility for nozzles through the serrated connection teeth.
- Parallel tubes for increased visibility when in use.
- High tensile brass head for extended service life.
- Piston cutting oxygen valve provides smooth cutting action.

Cuts up to 50mm plate
Welds up to 8mm plate

WELDING & CUTTING TORCH

HIGH EFFICIENCY

DURABILITY



Oxyfuel gas cutting process is a series of chemical reactions between iron and oxygen. The oxyfuel flame brings the steel at the beginning of the cut up to kindling temperature of 1,600 F(871C). At the kindling temperature, steel will readily burn in the presence of oxygen. When the oxygen lever is turned on, the pure oxyfuel stream along with the steel at kindling causes a chemical reaction called oxidation, which produces slag. In addition to the oxyfuel preheat flame, the burning of the iron in the oxyfuel stream release large amounts of heat. This aids cutting action particularly when cutting thick steel. Moving the torch across the work produces continuous cutting action; straight, curved, or beveled cuts are readily made.



Warning:
To lower the possibility of personal injury, death and/or property damage, UWELD suggests the use of cheek valves or flashback arrestors to torches and regulators during operation process.

WELDING CUTTING TORCH



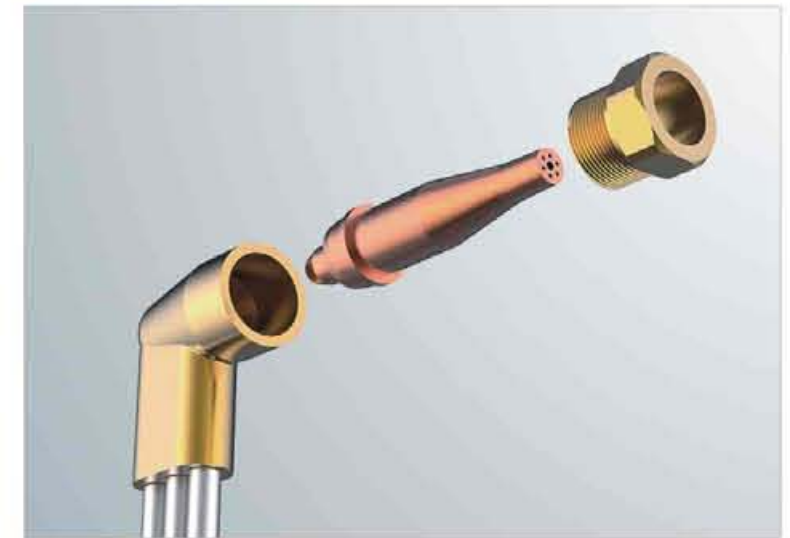
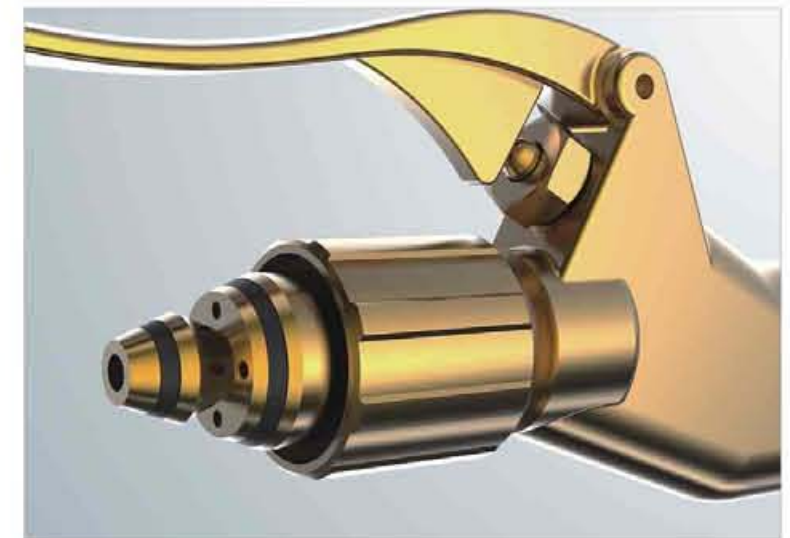
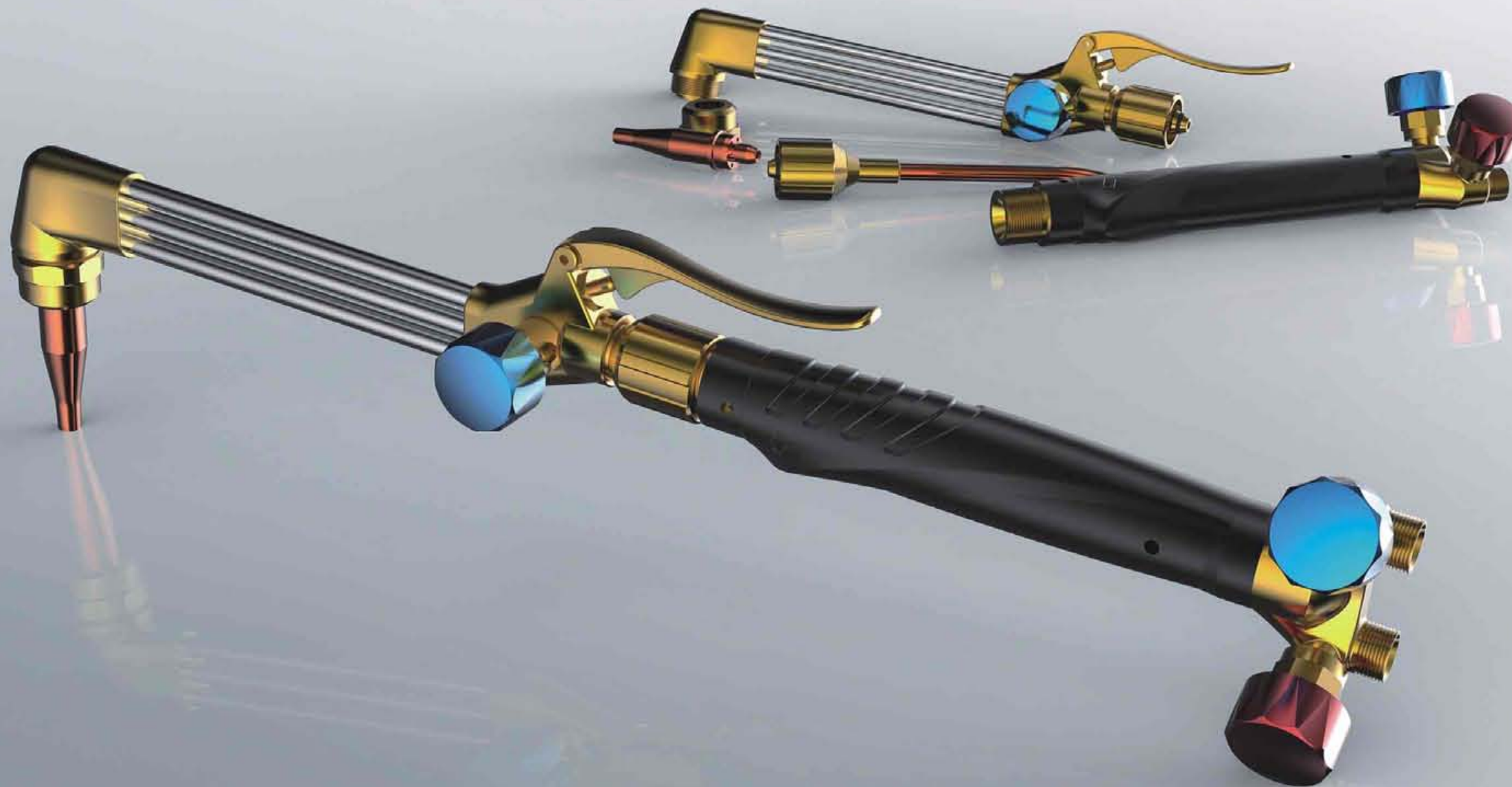
/ DURABLE / EFFICIENT /



UWELD[®]

Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
 Die-forged brass head for maximum durability.
 Stainless steel tubes with strength and rigidity.
 Universal gas mixer gives top performance with any fuel gas.
 Ribbed brass handle for sure grip & operator comfort.
 Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
 With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
 Hose connection 9/16"-18, and other thread sizes available.

WELDING CUTTING TORCH



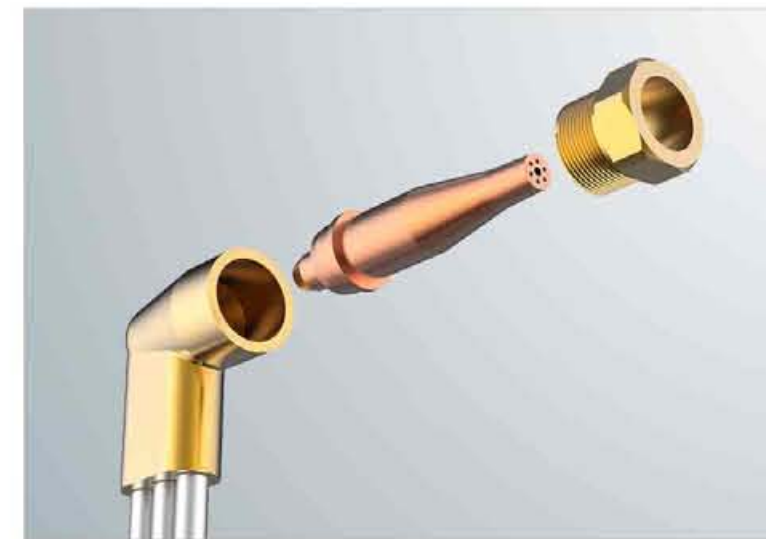
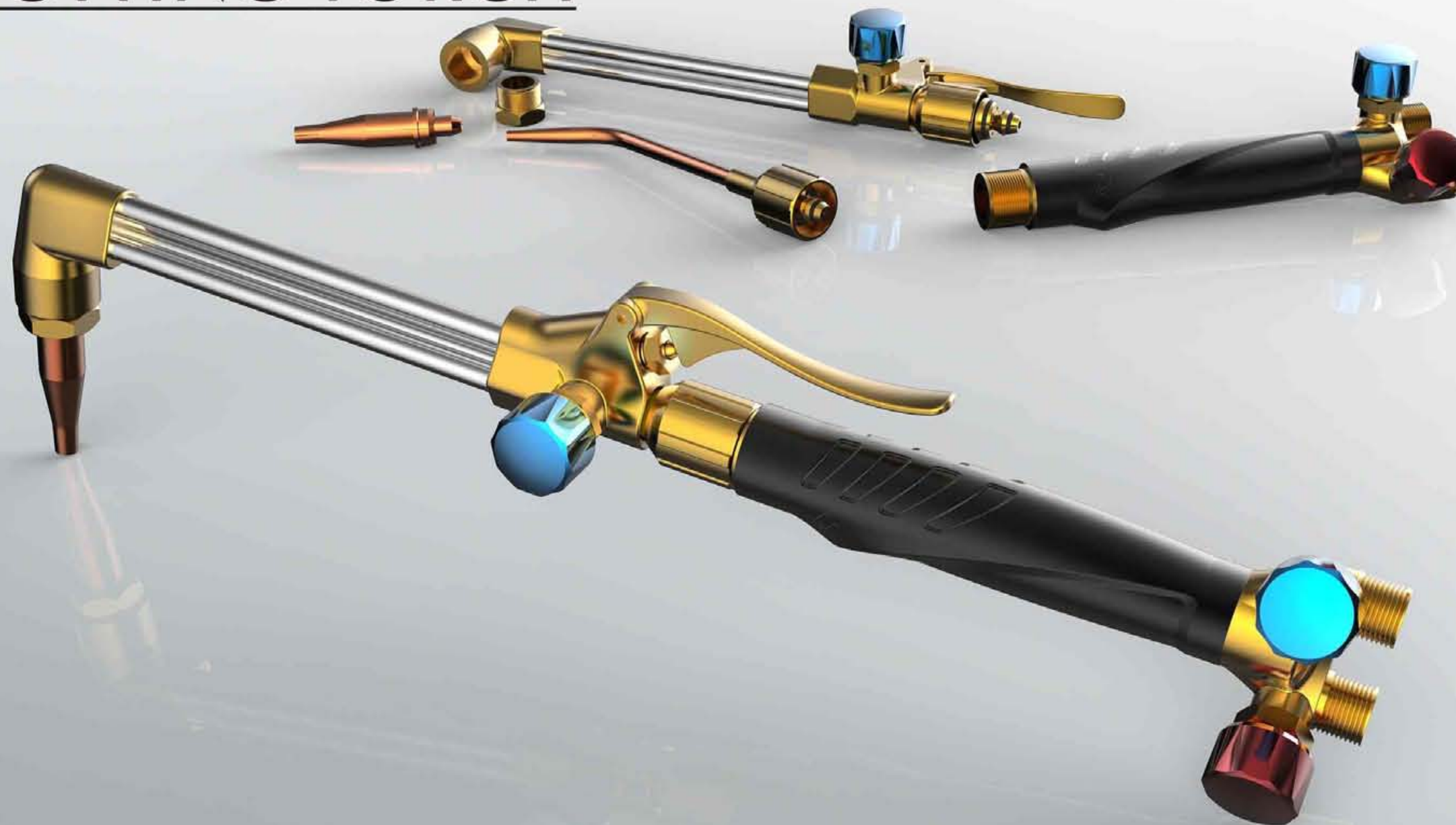
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Die-forged brass head for maximum durability.
Stainless steel tubes with strength and rigidity.
Universal gas mixer gives top performance with any fuel gas.
Ribbed brass handle for sure grip & operator comfort.
Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
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Hose connection 9/16"-18, and other thread sizes available.

WELDING CUTTING TORCH

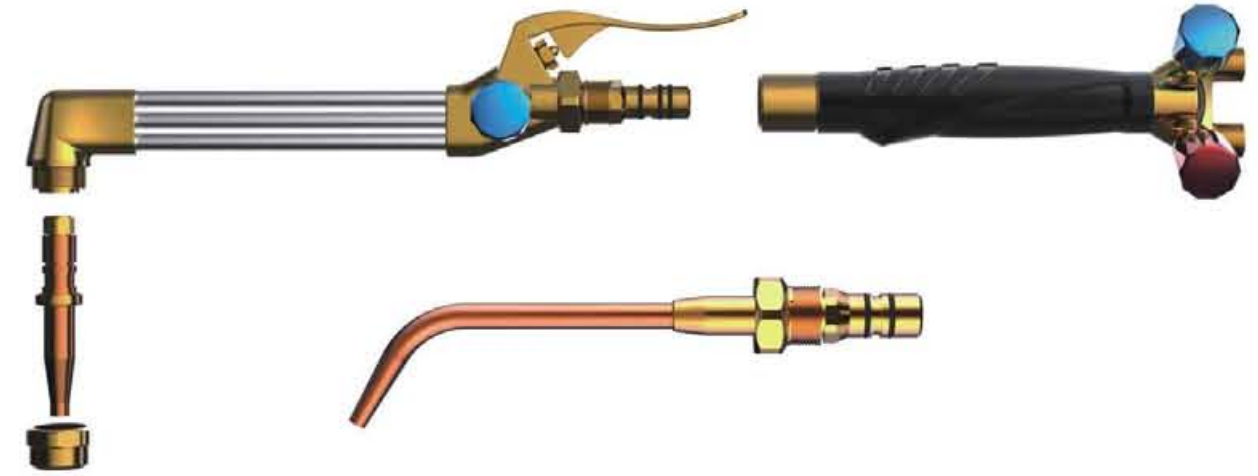
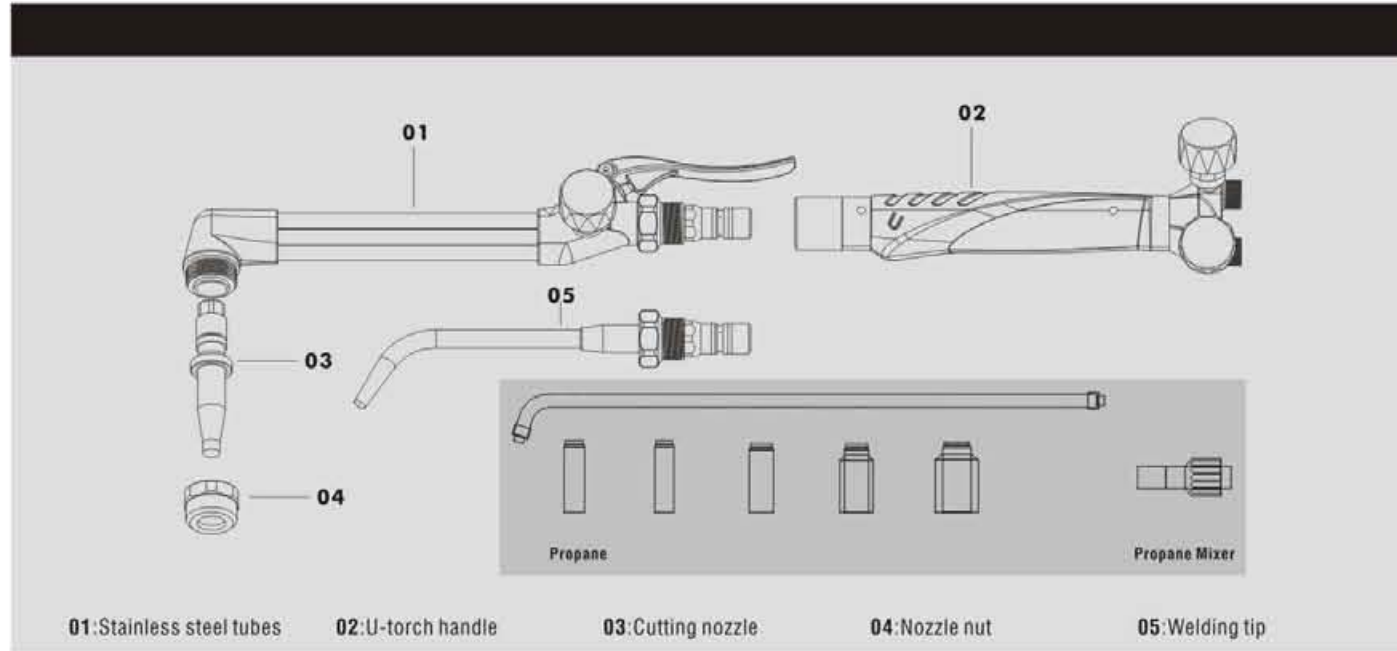


/ DURABLE / EFFICIENT /



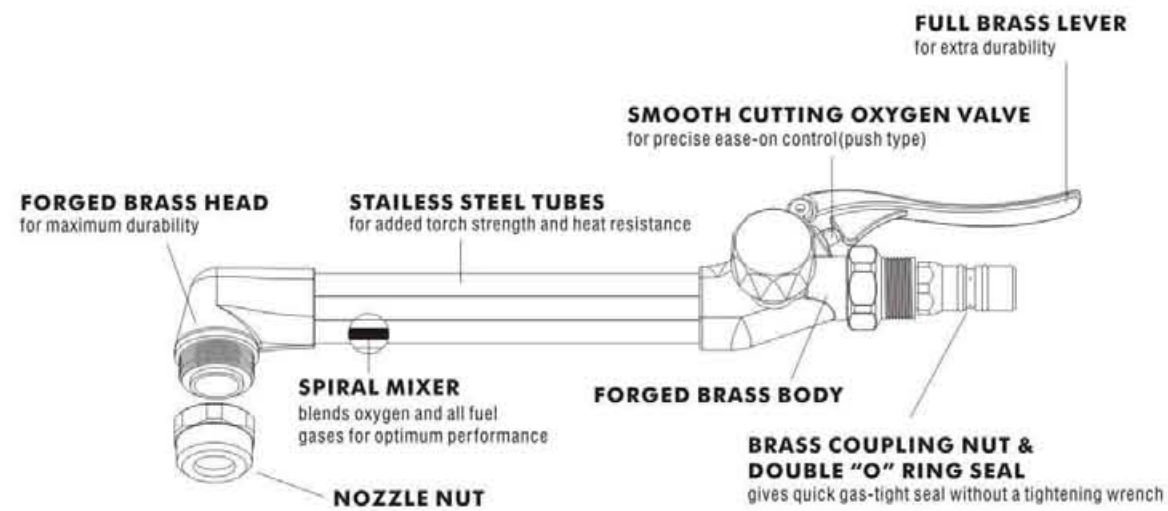
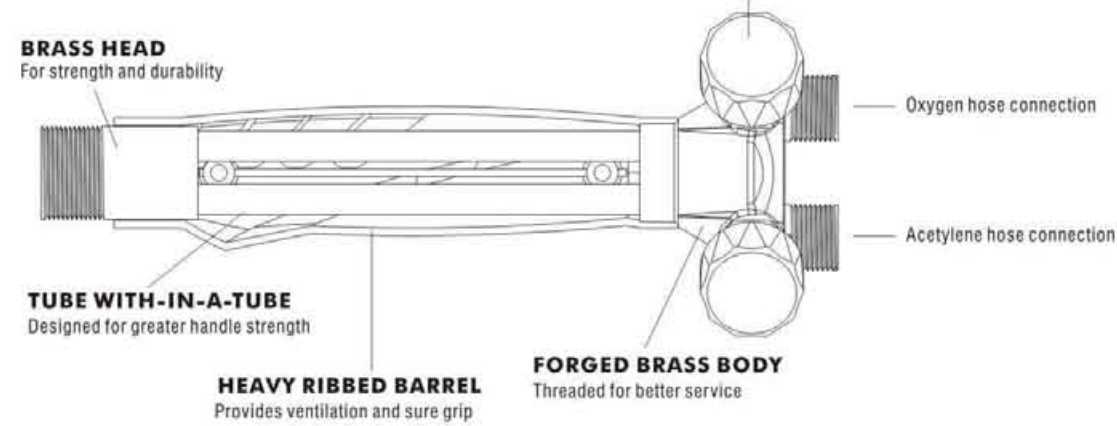
UWELD[®]

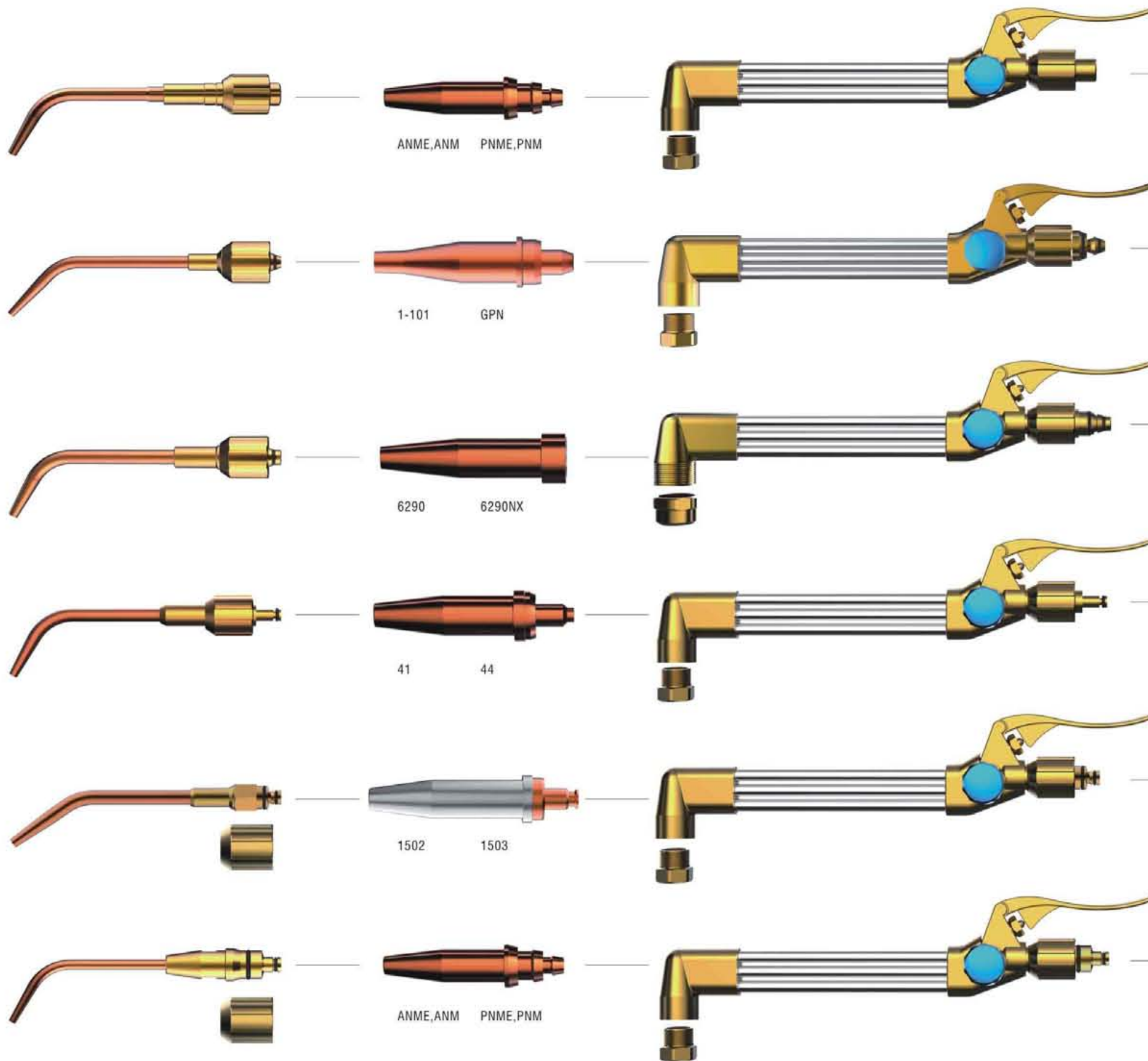
Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
 Die-forged brass head for maximum durability.
 Stainless steel tubes with strength and rigidity.
 Universal gas mixer gives top performance with any fuel gas.
 Ribbed brass handle for sure grip & operator comfort.
 Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
 With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
 Hose connection 9/16"-18, and other thread sizes available.



UWELD Universal Gas Cutting Torch

STAINLESS STEEL NEEDLE VALVE ASSEMBLY





ZEUS

1C005-0128

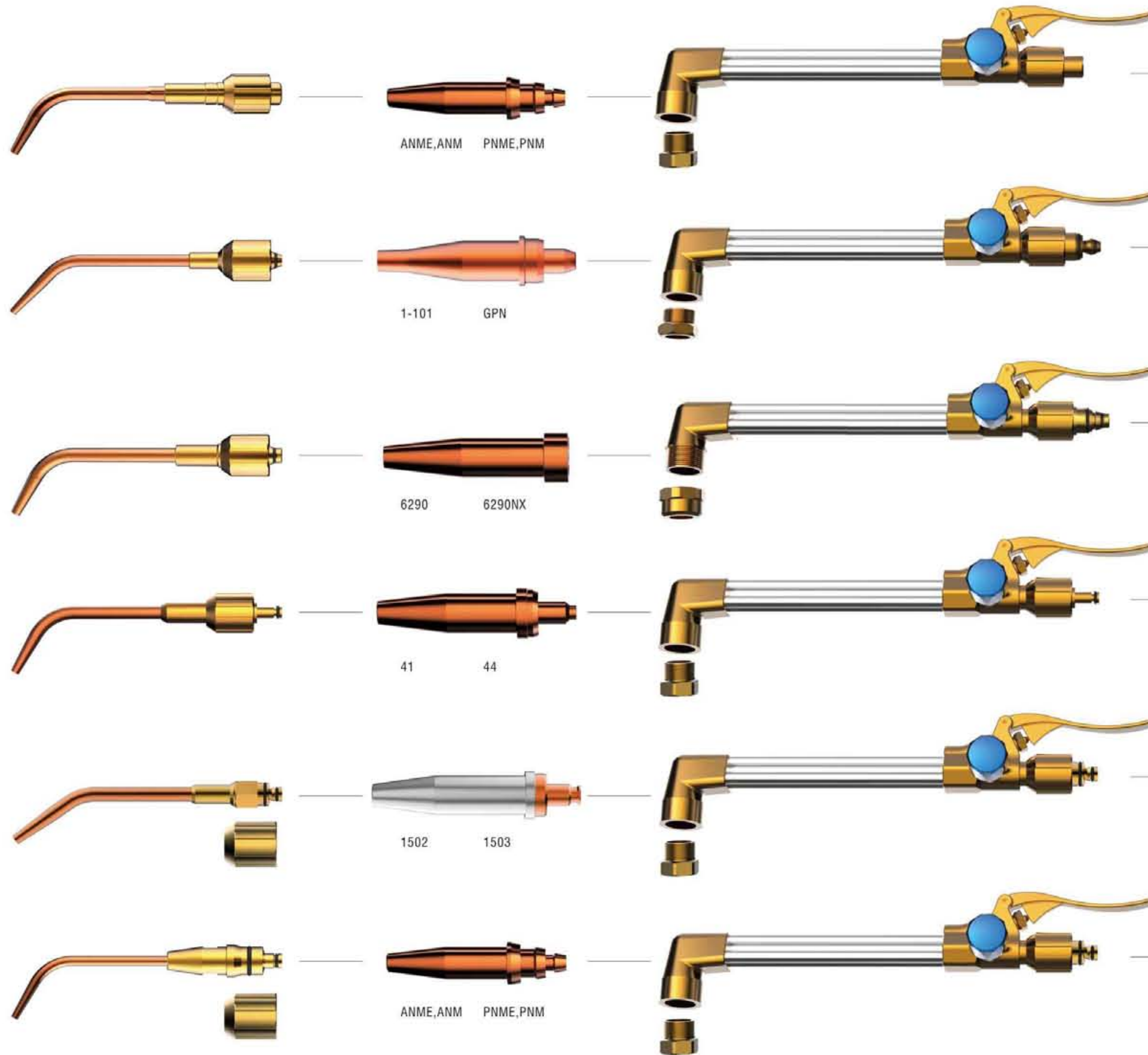
UWELD Universal Gas Cutting Torch

- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with external thread attaches perfectly with internal thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- In-line stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.



Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	ANME, ANM	PNME, PNM
Cutting Nozzle-B	90°	1-101	GPN
Cutting Nozzle-C	90°	6290	6290NX
Cutting Nozzle-D	90°	41	44
Cutting Nozzle-E	90°	1502	1503
Cutting Nozzle-F	90°	ANME, ANM	PNME, PNM



APOLLO

1C005-0129

UWELD Universal Gas Cutting Torch

- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with external thread attaches perfectly with internal thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- In-line stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.

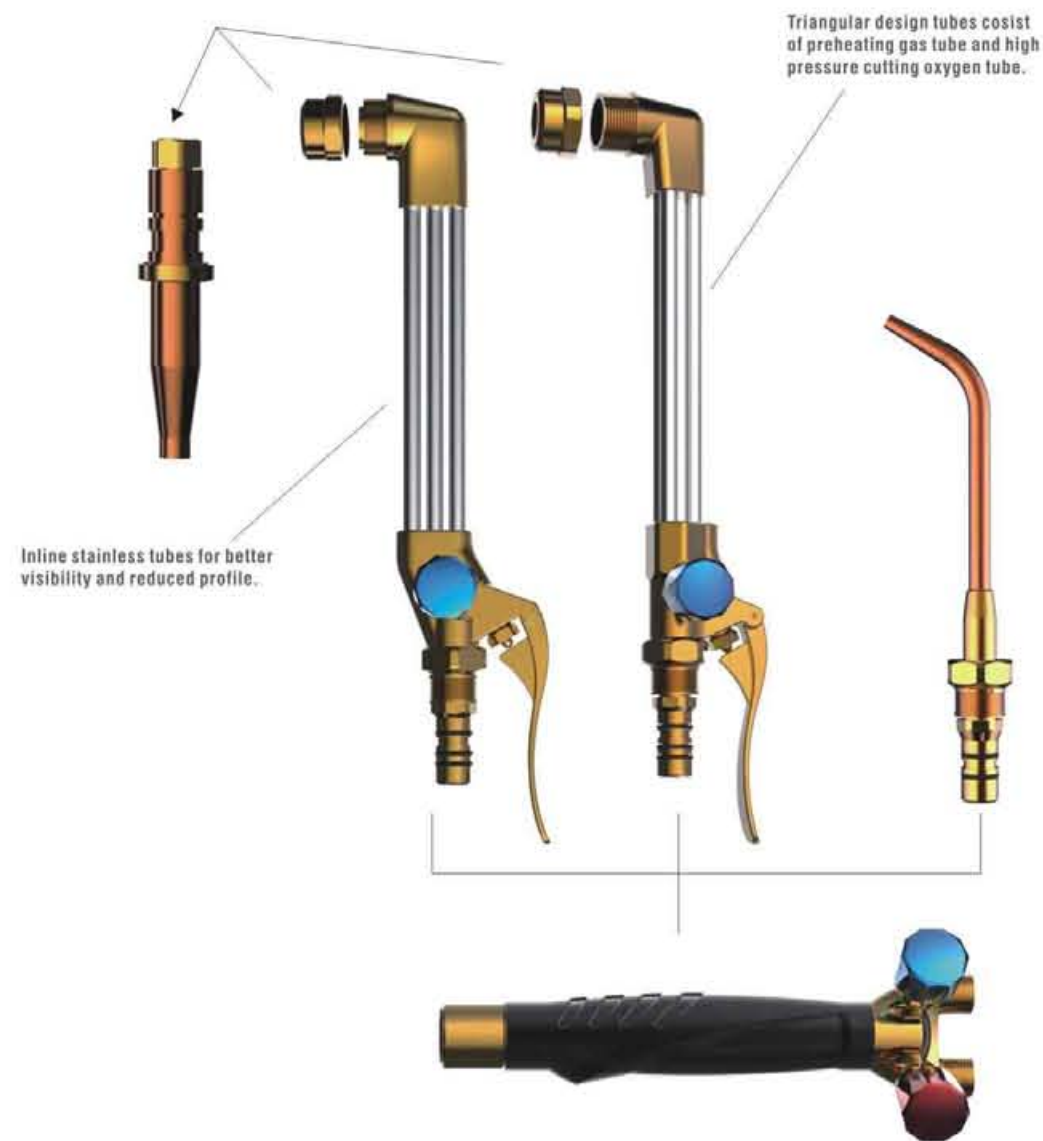


Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	ANME, ANM	PNME, PNM
Cutting Nozzle-B	90°	1-101	GPN
Cutting Nozzle-C	90°	6290	6290NX
Cutting Nozzle-D	90°	41	44
Cutting Nozzle-E	90°	1502	1503
Cutting Nozzle-F	90°	ANME, ANM	PNME, PNM

UWELD Universal Gas Cutting Torch

- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with internal thread matches perfectly with external thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- Triangular design tubes consist of preheating gas tube and high pressure cutting oxygen tube.
- Inline stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.



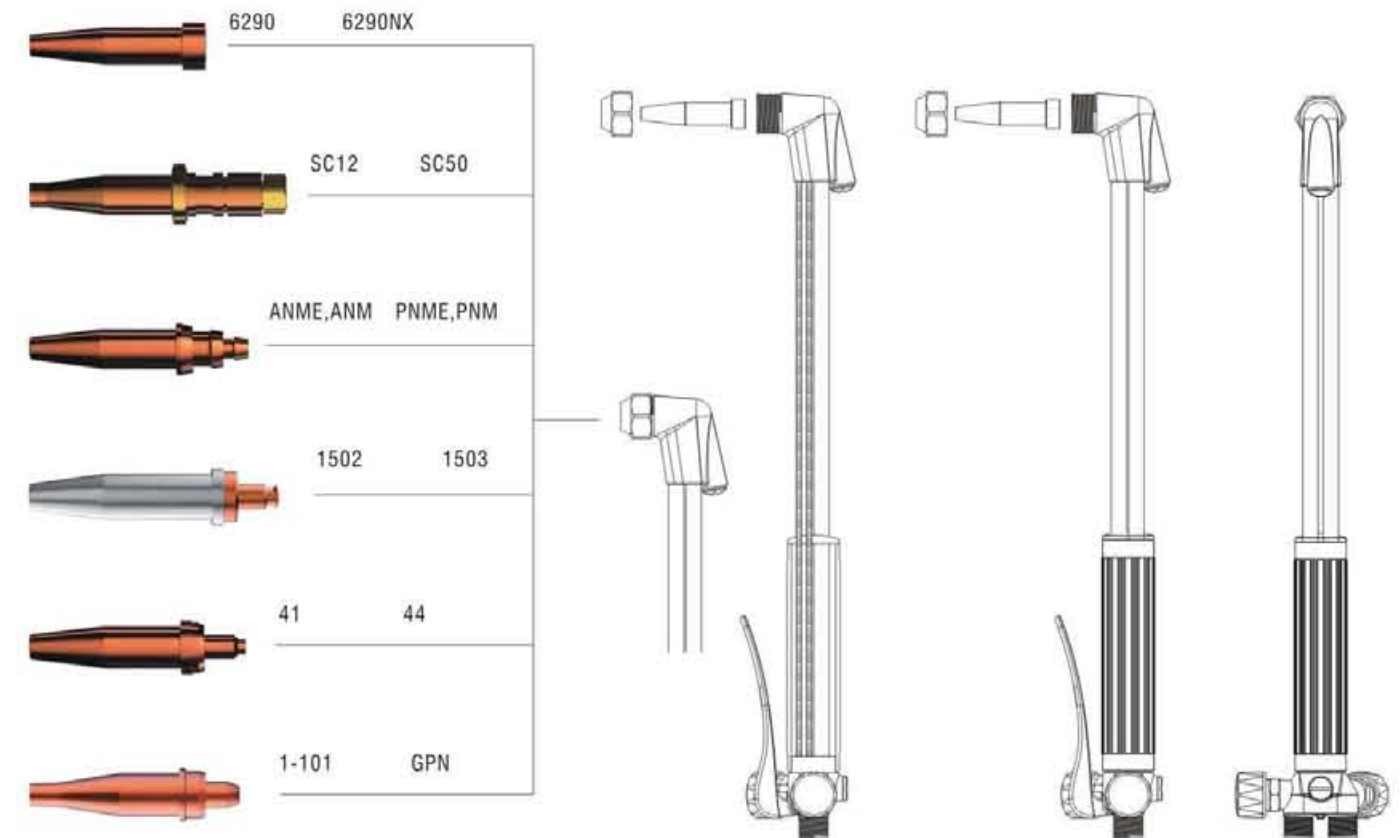
Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle	90°	SC12	SC50

ATHENA



UWELD STRAIGHT CUTTING TORCH 1C005-0130



- Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes with strength and rigidity.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
- With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	6290	6290NX
Cutting Nozzle-B	90°	SC12	SC50
Cutting Nozzle-C	90°	ANME, ANM	PNME, PNM
Cutting Nozzle-D	90°	1502	1503
Cutting Nozzle-E	90°	41	44
Cutting Nozzle-F	90°	1-101	GPN

GAS REGULATOR

Functional
Sturdy and durable
Accurate

REGULATOR

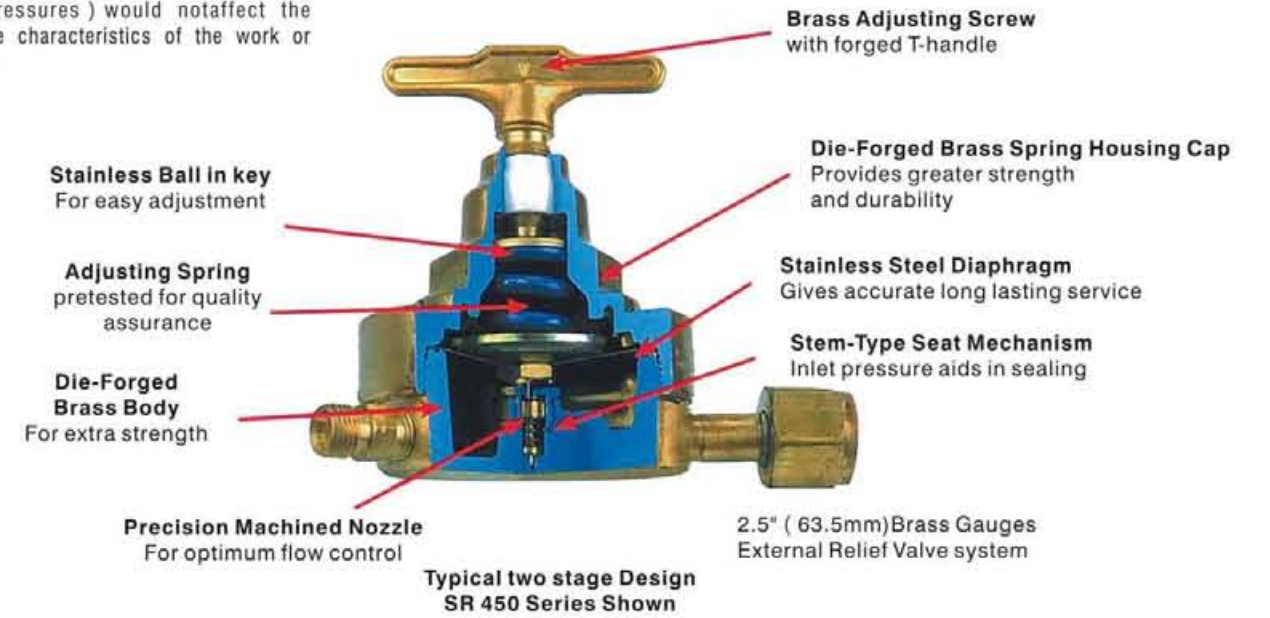
It is imperative to avoid contamination of oxygen regulators with hydrocarbons, oil, grease, dust, dirt, or any other foreign matter. High pressure oxygen coming in contact with contamination of this type can cause explosions or extremely rapid burning fires resulting in equipment damage, personal injury, or both.

Before attaching any oxygen regulator to a supply valve, be sure that regulator inlet connection, inlet filter, valve outlet, and all other connections are clean and free of oil, grease, or other contaminants. Prior to opening the oxygen cylinder valve, ensure that the regulator pressure adjusting screw is backed out. Do not handle oxygen regulators with oily hands and NEVER apply oil to any part of an oxygen regulator.

Pressure should be measured at the torch inlet with gases flowing in order to verify that sufficient gas flow is available for safe, efficient cutting operation. Pressure gauges can be attached to the torch handle inlets to measure oxygen and fuel gas pressure. Measurements should be made with the torch lit and gases flowing.

Single stage Regulator

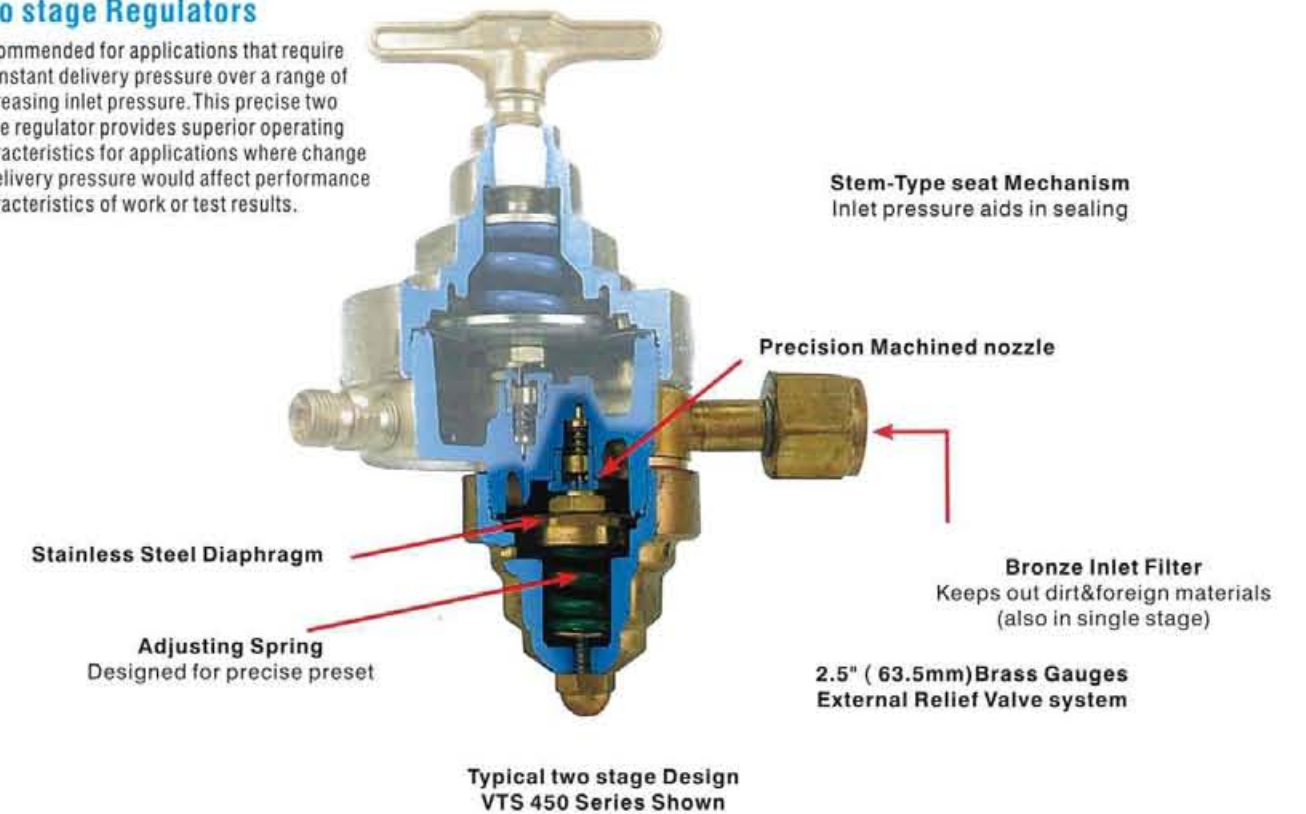
Recommended for applications where slight delivery pressure increases (due to decreasing cylinder pressures) would not affect the performance characteristics of the work or test results.



Two stage regulator add the following in addition to the features listed above

Two stage Regulators

Recommended for applications that require a constant delivery pressure over a range of decreasing inlet pressure. This precise two stage regulator provides superior operating characteristics for applications where change in delivery pressure would affect performance characteristics of work or test results.





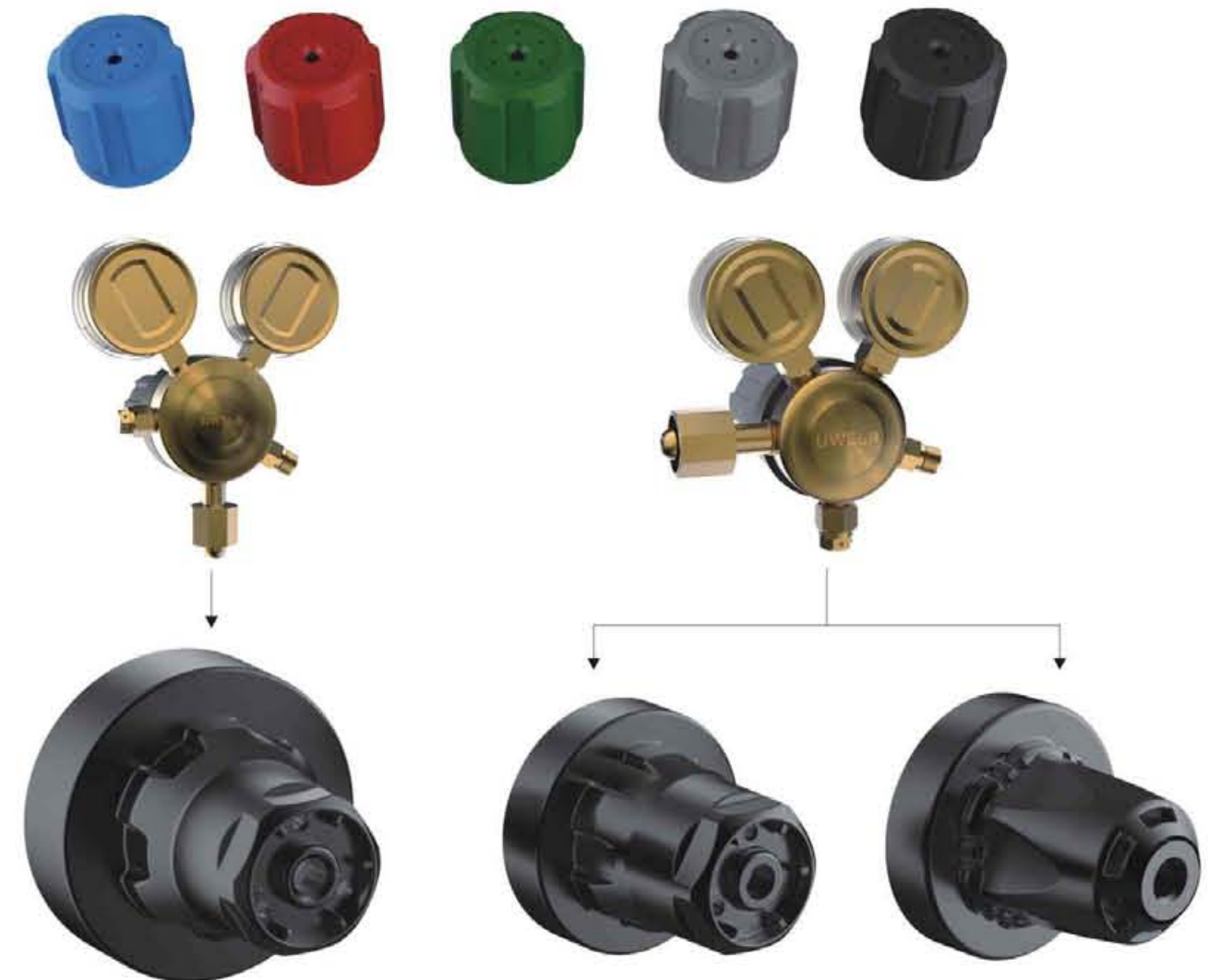
POSEIDON

Proudly designed and developed by UWELD R&D division.

- Offers excellent quality and performance for use with most light to medium applications.
- Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Zinc alloy housing cap for corrosion resistance as well as durability.
- Captive control knob prevents loss and tampering.
- Same external relief valves ensure more safety during operation .
- Color coded for different gas identification.
- Side entry design.
- Connection of other thread sizes available.

Specifications:

Gas	Max Inlet Pressure(Kpa)	Max Outlet Pressure(Kpa)	Inlet Connection	Outlet Connection
Oxygen	30000	800	CGA540	9/16"-18 RH
Acetylene	4000	150	CGA510	9/16"-18 LH



POSEIDON

1C008-0288

Heavy Duty Regulator

Features:

- Proudly designed and developed by UWELD R&D division.
- Offers excellent quality and performance for use with most light to medium applications.
- Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0288	Oxygen	3000	250	CGA540	9/16" -18
	Acetylene	400	15	CGA300	9/16" -18

1C008-0289

Medium Duty Regulator

Features:

- Same external relief valves ensure more safety during operation .
- Color coded for different gas identification.
- Bottom entry design.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0289	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH

1C008-0290

Medium Duty Regulator

Features:

- Proudly designed and developed by UWELD R&D division.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Zinc alloy housing cap for economic purpose as well as durability.
- Captive control knob prevents loss and tampering.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0290	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH

POSEIDON

1C008-0291

Heavy Duty Regulator

Features:

- Proudly designed and developed by UWELD R&D division.
- Offers excellent quality and performance for use with most light to medium applications.
- Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0291	Oxygen	3000	250	CGA540	9/16" -18
	Acetylene	400	15	CGA300	9/16" -18

1C008-0292

Medium Duty Regulator

Features:

- Same external relief valves ensure more safety during operation .
- Color coded for different gas identification.
- Bottom entry design.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0292	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH

1C008-0293

Medium Duty Regulator

Features:

- Proudly designed and developed by UWELD R&D division.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Zinc alloy housing cap for economic purpose as well as durability.
- Captive control knob prevents loss and tampering.



Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0293	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



1C008-0081

Heavy Duty Regulator

Features:

- Offers more natural and safer hand/body positioning for adjusting delivery pressure.
- Housing cap constructed of a zinc-aluminum alloy which has nearly twice the yield strength of brass.
- Construction materials have been carefully chosen for optimum durability.
- Outstanding flow performance provides better flow control across a full range of cylinder pressures.
- 1.5" (38.1mm) gauge brass.
- 2.7" (68.6mm) diaphragm, fabric reinforced neoprene.
- Stem type seat mechanism.
- External self reseating relief valve in high pressure models.
- High impact ABS gauge guard.
- Connection of other thread sizes available.



Specifications:

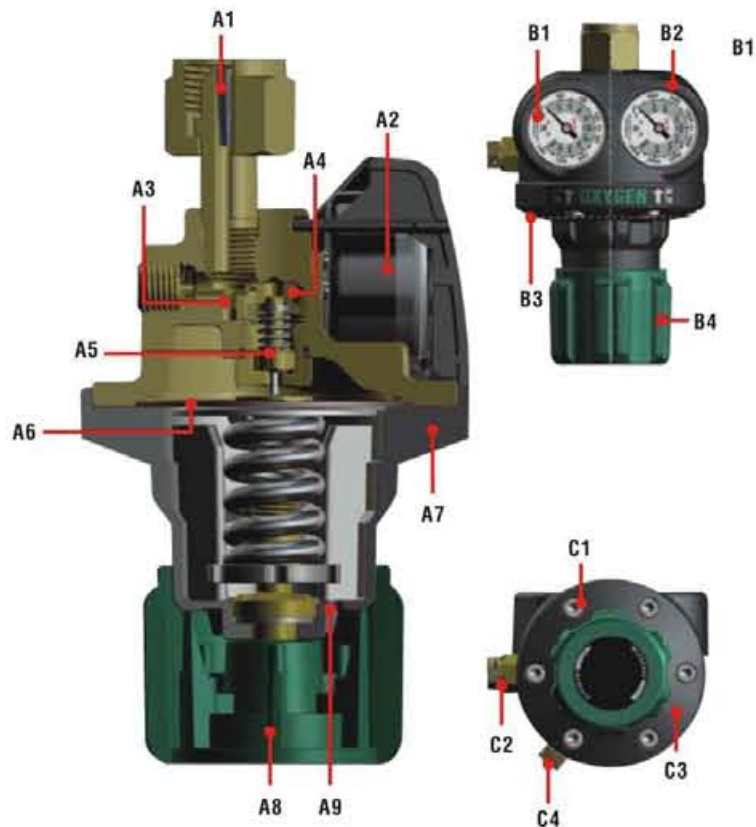
Model No	Gas	Max Inlet Pressure (Bar/Psi)	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0081	Oxygen	3000	200	CGA540	9/16", G3/8"
	Acetylene	400	15	CGA510	9/16"-LH, G3/8-LH
	Propane	400	40	CGA510	9/16"-LH, G3/8-LH

Medium Duty Regulator



1C008-0082

UW-1494



- A1 Same inlet filter used in most UWELD industrial regulators.
- A2 Gauges are recessed into the body for the highest level of safety and protection possible.
- A3 Innovative design elements enable the regulator to meet all oxygen-related safety standards.
- A4 More efficient internal flow paths translate to improved flow consistency from full to empty cylinder.
- A5 Seat assembly and friction damper are tried and true components used for decades.
- A6 Time-tested fabric reinforced neoprene diaphragm provides superior sensitivity and control.
- A7 Housing cap is made from high strength zinc-aluminum alloy that has nearly twice the yield strength of forged brass.
- A8 Knob designed with multi-stage crumple zones which absorb impact energy in the event the cylinder falls over. Helps protect pressure integrity of both regulator and cylinder valve.
- A9 Internals remain protected from weather elements through an internal vent system protected under the knob, which is channeled to promote water run-off.
- B1 High-contrast gauge face artwork maximizes visibility while providing a smaller, safer, integrated package.
- B2 Integrated high-impact ABS gauge guard.
- B3 Outlet connection, relief valve and all other critical design elements are tucked within the diameter of most cylinders for maximum protection.
- B4 Color coding in multiple locations for easy gas identification.
- C1 Bolt-on cap design enables a shorter, stronger design profile and creates a robust, heavy duty appearance.
- C2 Same external relief valves used in most UWELD Industrial regulators.
- C3 Compact design configuration eliminates typical regulator appendages that are common sources of accidental damage.
- C4 Outlet connection faces rearward to help protect the user from hose blow-outs.

WEED BURNER

Heating Torch is suitable for bituminous, material fusion, for roofing and other works such as streets and ramps detreizing, paint moving, surfaces pickling. It's assembled by an ergonomic nylon handgrip provided with a flame regulation lever enabling the user to act on the flame intensity in accordance with the different needs.

The heating torch tube length can according to your request, suitable length can suitable for all situations, which is professional and hobby. Heating Kit is completed by all accessories needed for a rapid and safety connection to the gas cylinder and provided with a stand support.



WEED BURNER



WEED BURNER
ROOFING TORCH
HEATING TORCH
BRAZING TORCH

Superbioflamme

Blow torch with high heating capacity for use with refillable LPG bottles, provided with a 600 mm extension tube and a 60 mm burner for a wider flat-flame.

Consists of:
handgrip with or without gas-saving lever with lance and burner support hook

Available also in following versions:

SUPERBIOFLAMME 5000

5 m 4x11 DK6 hose with connections



1C022-0001
UW-1729-A



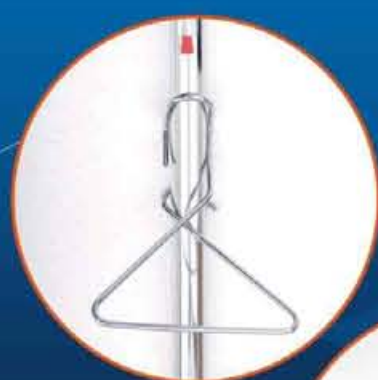
1C022-0002
UW-1729-B



1C022-0003



1C022-0004



1C022-0009

CE EN521:2006

SUPERBIOFLAMME 5000 TK

- Consists of:
- handgrip with or without gas-saving lever with lance and burner
 - support hook
 - 5 m 4x11 DK6 hose with connections
 - trolley
 - 2,5 bar /6-8 kg regulator
- Regulators available with any connection

CE EN521:2006

- 500,000 BTU output
- Solid brass valve for flame adjustment
- Can be with 10' LP gas hose
- Works with 20, 50 or 100 lb. propane cylinders
- Excess flow safety valve

These torches make home, farm, industrial and construction work easier. Can be used to repair road surfaces, remove paint, burn brush, weeds and stumps. Can also be used to melt snow and ice. Torch is also melts tar and asphalt and is good for various roofing applications. Ideal for use around the home and garden. Homeowners can now kill weeds, or melt ice, safely and naturally- without exposing children or pets to chemicals.

PERFECT COMBINATION

Plastic composite handle reinforced with 30% glass for maximum durability.
 Piezo igniton with instant trigger on/off function.
 Bayonet fitting for burners.
 Swivelling hose connection to avoid hose drag.
 Combined suspension hook and footstand.
 Valve for precise flame setting.
 Delivered without hose nipple.
 Hose connection 3/8 BSP LH.

Working pressure, 1.5 bar to 4bar
 Weight, 290gm
 Length, 180mm
 Height, 80mm



HIGH QUALITY BRASS
 for use with UWELD necktubes and hose

PRECISE FLAME CONTROL
 with the spring loaded valve

SPECIFICATIONS
 Brass with spring loaded nylon adjusting knob
 working pressure: 1-2bar
 Length: 200mm
 Height: 100mm highest point
 Width: 25mm widest point
 Weight: 300g
 Inlet thread: M14x1
 Outlet thread: 3/8" BSP





Proudly designed and developed by UWELD R&D division. The newly designed heating torch handle is technically ideal for a comfort and safe hand gripping during operation. Thread connection on the handle can be attached with extensions of different lengths, with a range of material options: brass, stainless steel, and titanium. Thread connection on the extension can be attached with burners of different diameters, with a range of material options: brass, stainless steel, and titanium. The above mentioned combinations are all available as customers requirement. Each part can be packed separately in exquisite blister packages, or in a complete assembly.



Make your **OWN EXCLUSIVE** heating & brazing kit with **UWELD!**
YOU MAKE A LIST, WE DELIVER A KIT AND MORE ...



COMBINATION OF PARTS

MAPP/PROPANE TORCH



Feature:

Instant on/off trigger ignition provides easier lighting and increased fuel savings. Large, optimized swirl flame burns hotter. High intensity flame for maximum heat output provides 30% faster soldering time.

- Adjustable flame control allows for a more precise flame
- Run lock button keeps torch lit for finger-free use
- Pressure regulated for consistent performance
- Cast aluminum construction provides added durability



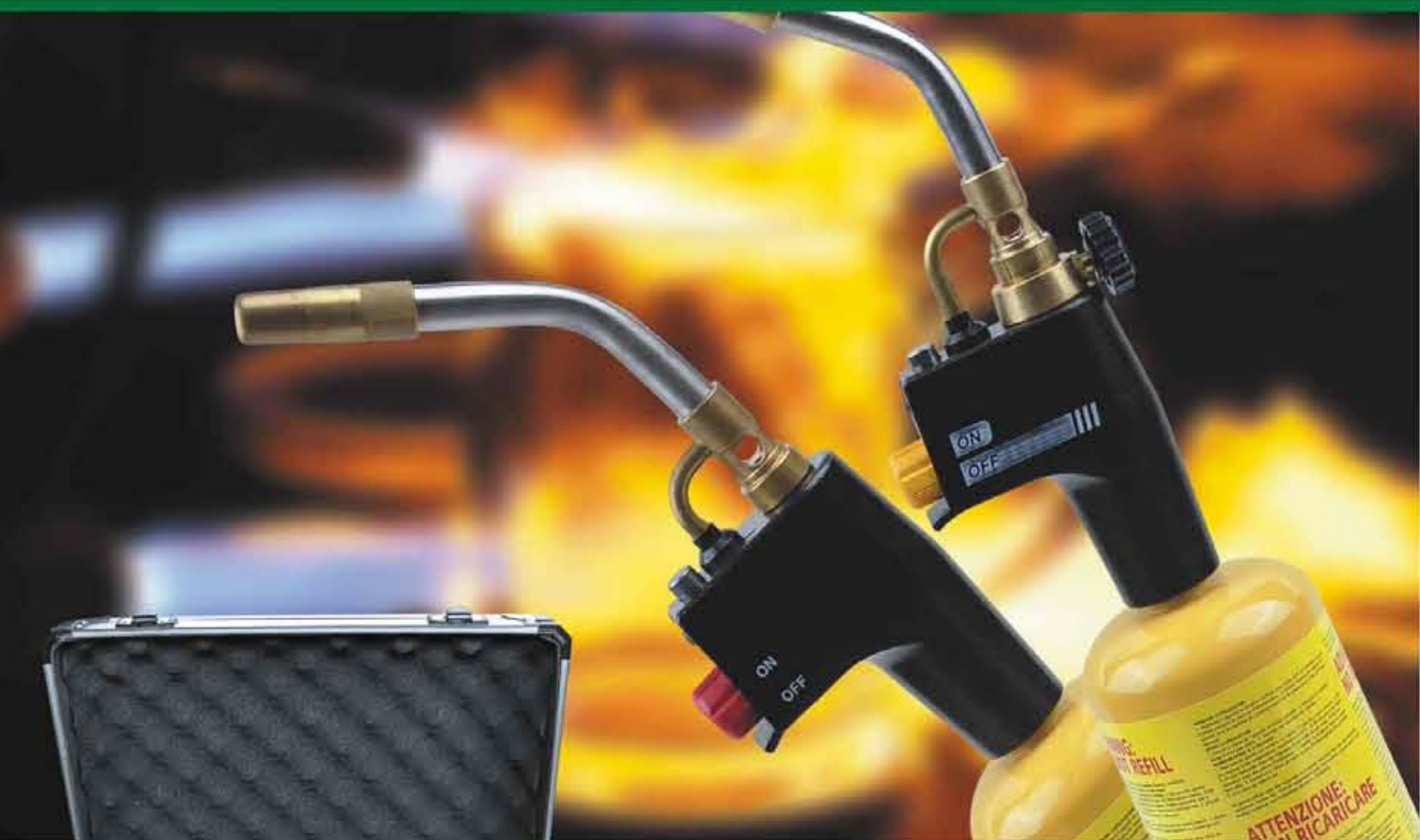
1C020-0001 UW-1725-B



1C020-0002 UW-1725-A

Feature:

- Swirl flame provides a hotter, more efficient flame.
- Instant on/off trigger igniter with simple one-handed operation.
- Adjustable flame control knob for ease in switching between different applications.
- Cast aluminum body for durability.
- Lock button keeps torch lit for finger-free use.



1C020-0003 UW-1774

- Swirl flame provides a hotter, more efficient flame.
- Instant on/off trigger igniter with simple one-handed operation.
- Adjustable flame control knob for ease in switching between different applications.
- Cast aluminum body for durability.
- Lock button keeps torch lit for finger-free use.



1C020-0004 UW-1774-A



1C020-0005

1C020-0006

1C020-0007

1C020-0069

The Instant On/Off trigger ignition provides easier lighting and increased fuel savings. The Large, Optimized swirl flame burns hotter for maximum heat output that provides a 30% faster soldering time. The adjustable flame control allows for a more precise flame for various applications and the run lock button keeps the torch lit for finger free use. The torch is pressure regulated to burn in any direction with consistent performance. The torch is made with a cast aluminum body for added durability. Trigger Start Torch features an instant on-off trigger that improves fuel savings and convenience. It has a lock button which keeps the torch lit for finger-free use and produces swirl flame for maximum heat output. This torch has pressure which is regulated to burn in all directions. It is made from cast aluminum which ensures extreme durability. This torch is of multi-application and can be used with propane fuel.

