

CIGWELD
Professional

Comet Blowpipes Cutting Attachments and Consumables



Introduction

CIGWELD Professional: when welding is your business

At CIGWELD we distinguish ourselves from our competition through superior featured, dependable products, technical innovation and excellence in customer service and technical support.

Our Professional COMET Blowpipe and Cutting Attachment range is proof of this commitment to deliver quality equipment that exceeds expectations. A wealth of features and options make this equipment the perfect choice for the serious welding professional.

CIGWELD COMET 3 Blowpipe System

The COMET 3 Blowpipe System offers a range of gas equipment that is well renowned for its safety and performance excellence and features flexible multi-fuel and multi-process capability.

The system is made up of the COMET 3 Blowpipe and attachments, together with a broad range of accessories to cover the wide variety of welding, cutting and heating applications using Oxy-Acetylene, Oxy-LPG or Natural Gas.

For gas welding and brazing, there is a range of swaged welding tips to cater for the smallest sheet metal welding job up to 12mm plate thickness. The extensive cutting nozzle range covers applications such as standard cutting, rivet cutting, gouging, sheet metal cutting and heating.

COMET Gas equipment complies with Australian Standard AS4839 – 2001 “The safe use of portable and mobile oxy-fuel gas systems for welding, cutting, heating and allied processes”. The standard specifies the selection, operation and maintenance procedures for oxy-fuel hand held or portable equipment and addresses many issues concerning its everyday use.

The experience gained and commitment to manufacturing products of unrivalled quality has allowed CIGWELD to become the recognised industry standard and continues to be by far the market leader in Australia and near Pacific regions.

So don't compromise!

Insist on COMET to get the job done right . . . every time!

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Key to Icons



Warranty: This equipment is manufactured to stringent CIGWELD quality standards and is backed by a conditional warranty period as indicated.



Valve-in-Valve



Suitable for cutting



Suitable for heating



Suitable for welding/brazing

COMET 3 Blowpipe System

Acetylene Swaged Welding Tips

- Size 32 307006
- Size 26 307005
- Size 20 307004
- Size 15 307003
- Size 12 307002
- Size 10 307001
- Size 8 307000
- Size 6 307057
- Size 4 307056

LP Gas Swaged Welding Tips

- Size 15 307059
- Size 8 307068

Nozzles

Heating Acetylene	Heating LP Gas	Rivet Cutting	Gouging Acetylene	Sheet Metal	Cutting LP Gas	Cutting Acetylene	Gouging Acetylene	Gouging LP Gas

Acetylene Heating Tips

- SHA1 307121
- SHA2 307122

LP Gas Heating Tips

- SHP1 307120
- SHP2 307119

LP Gas Heating Tips

- SHP3 307118
- SHP4 307117

Barrels

- 450mm 307124
- 700mm 307125
- 735mm 307123

Roller Guide

308729

Radius Bar

308752

COMET 3 Blowpipe System

COMET Accessories



COMET Gas Kit Toolbox
308888



Gas Economiser (Acet or LP Gas)
308503



Flint Lighter
308789



Three Flint Lighter
308832



Electronic Lighter
308700

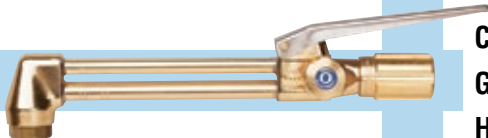
Welding

Mixer 10mm (3/8") Type 550
304002



Cutting Gouging Heating

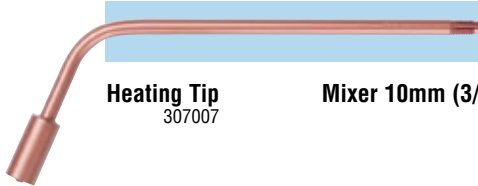
COMET 3 Cutting Attachment (Multi Fuel)
304005



Heating

Heating Tip
307007

Mixer 10mm (3/8") Type 550
304002



Super Heating

Mixer 13mm (1/2") Type 570
304003



Injector 13mm (1/2") LP Gas/Natural Gas Type 574
304166



COMET 3 Blowpipe
304001



COMET Blowpipe Mounted Flashback Arrestors



F6-308777



F6-308778



F2B-308854



F2B-308853



F6Q Quick-Connect
308363



F6Q Quick-Connect
308362



85-10B-308861



85-10B-308862

COMET 3 Blowpipe - Heavy Duty



Features and Benefits

Two-stage valves give precise gas control from the smallest welding tip to the largest heating tip.

Permits fine sensitive control for delicate welding jobs and easy lighting up, to flows of up to 600 l/min for the heaviest heating job.

A non-rotating valve spindle drastically minimises wear.

Due to 'O' ring seals, only hand tightening is required to connect the mixer or cutting attachment to the handle.

Locking teeth secure re-positioning with hand tightening.

Handle shape gives comfortable positive grip.

Left hand/right hand threads prevent incorrect hose connection.

Colour coded control knobs are fitted for maximum safety and ease of operation, even when wearing welding gloves.

Can be purchased as a single item or as part of a cutting and welding outfit.



The COMET 3 Blowpipe when used with appropriate attachments is suitable for fusion welding, brazing, soldering, heating, hand cutting, sheet metal cutting and rivet cutting.

Specifications

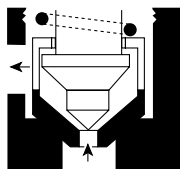
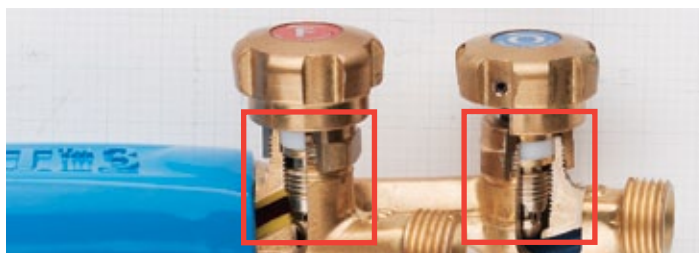
Part No:	Description	Fuel gas type	Connections	Weight
304001	COMET 3 Blowpipe	All	5/8"-18UNF	620g

Spare Parts

Control valve kit Part No: 304009

Handle halves kit Part No: 304012

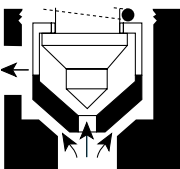
NOTE: To protect your product warranty and to ensure a safe, quality repair, use a CIGWELD Accredited Gas Service Provider.



valve in valve

Small seat open; Large seat closed

Spring prevents large seat from opening while adjustment is made with small seat. This gives exceptionally sensitive control for fine flame adjustment.



Both seats open for large flows

When the small seat opens fully the large seat then starts to operate, quickly providing large flows to approximately 130 l/min (270 cu ft/h) of acetylene and oxygen in approximately one turn. Immediate spring-loaded seat is free to rotate, saving wear on fixed seat.

COMET 3 Mixer

5
YEAR



Features and Benefits

Hand tightening for easy attachment onto COMET 3 Blowpipe. ('O' ring seals ensure a perfect gas-tight connection every time).

Large flutes on mixer give easy positive handling, even when wearing welding gloves.

Mixer 550 and 570 can be used with either Oxy/Acetylene, Oxy/LP gas or Oxy/Natural gas.

Mixer 574 is an injector mixer design for Oxy/LP gas or Oxy/Natural gas and used for heavy duty high flow applications. For use with SHP3 and SHP4 superheating tips only.

No change required when altering fuel gas, other than the type of tip, hose and regulator required.

Offers high resistance to backfire, regardless of the gas type or flow setting.



Type 550



Type 570



Type 574

Mixer 550 is used for welding and light heating. Mixer 570 and 574 are used for heavy heating applications.

Spare Parts

Small O-ring for attach/mixer Part No: 7964006

Large O-ring for attach/mixer Part No: OR28

O-ring kit Part No: 304013

NOTE: To protect your product warranty and to ensure a safe, quality repair, use a CIGWELD Accredited Gas Service Repair Provider.

Specifications

Part No:	Description	Fuel gas type	Welding capacity	Weight
304002	COMET 3 Mixer Type 550	All	up to 25mm	165g
304003	COMET 3 Mixer Type 570	All	—	163g
304166	COMET 3 Mixer Type 574	LP/Nat Gas	—	278g

Cutting Attachments

COMET 3 Heavy Duty Cutting Attachment



Features and Benefits

Attaches quickly and easily to COMET 3 Blowpipe by hand (no spanner required).

“Locking teeth” enable the attachment to be re-positioned.

Tapered seat head allows multi-positioning of gouging nozzle.

Cutting oxygen lever securely fitted to the body for ease of operation.

Twin tube construction gives good visibility.

Unique multi-mixer design accommodates Oxy/Acetylene, Oxy/LP gas or Oxy/Natural gas.

Large flutes on hand tightening nut for a better grip when wearing welding gloves.

For use with type 40 nozzles.



Suitable for the following processes: hand cutting, sheet metal cutting, rivet cutting, heating and gouging.

Spare Parts

Control valve kit	Part No: 304010
Cutting Oxygen valve kit	Part No: 304015
Lever replacement kit	Part No: 304011
Nozzle nut	Part No: 304014
Large O-ring for attach/mixer	Part No: OR28
Small O-ring for attach/mixer	Part No: 7964006
O-ring kit	Part No: 304013

NOTE: To protect your product warranty and to ensure a safe, quality repair, use a CIGWELD Accredited Gas Service Repair Provider.

Specifications

Part No:	Description	Fuel gas type	Cutting capacity	Cutting nozzle	Weight
304005	COMET 3 Cutting Attachment HD	All	up to 150mm	Type 41 & 44	633g

COMET Multipurpose Cutting Torch

5
YEAR


Features and Benefits

Heavy duty manganese bronze head, designed to resist tough environmental working conditions.

Gas mixing takes place in the blowpipe head, providing the operator with maximum protection against the unlikely occurrence of backfires or flashbacks.

Stainless steel triangular tube construction, provides the ultimate in strength.

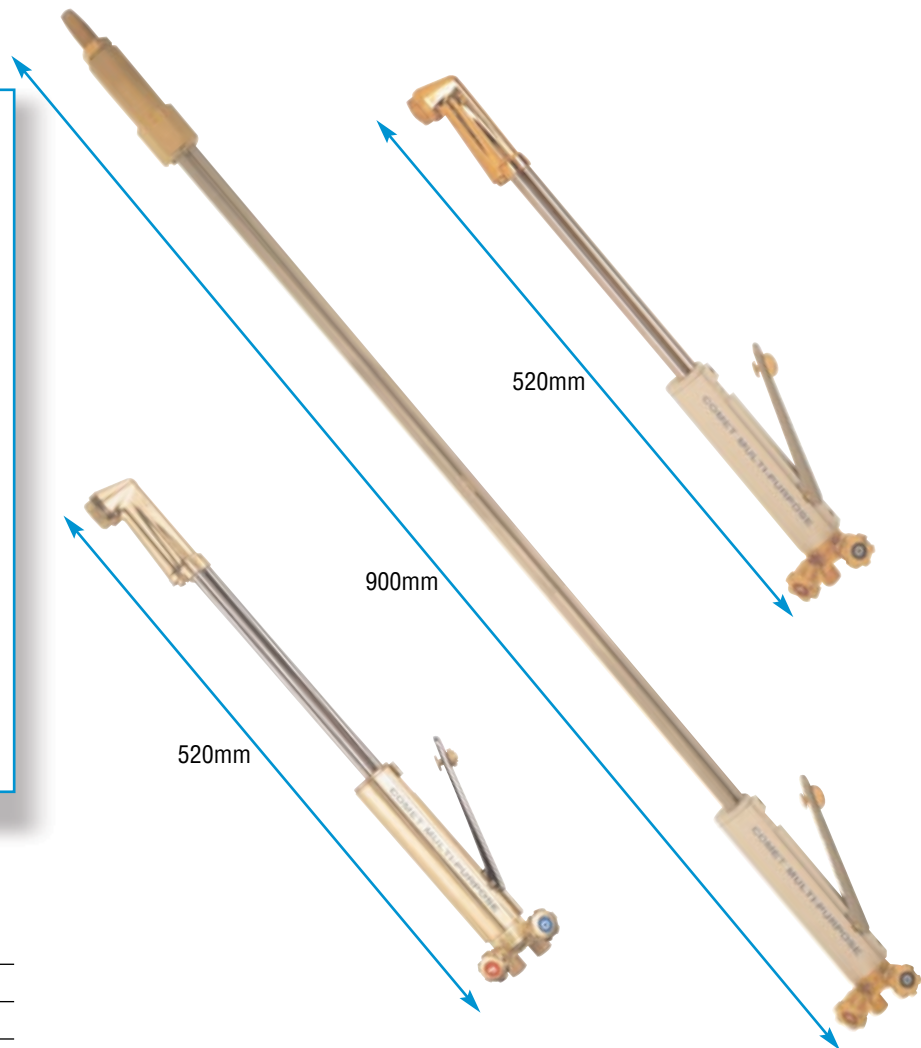
Lightweight aluminium handle, which has been treated to minimise corrosion in the working environment. Brass handle for extra strength and mining operation.

Stainless steel cutting oxygen lever, incorporating a locking button for extended cutting, gouging or heating.

Spare Parts

Description	Part No.
Control valve kit	304074
Lever replacement kit	304140
Acetylene mixer kit	CB148
LP gas/Natural gas mixer kit	CB152
Nozzle nut	304014

NOTE: To protect your product warranty and to ensure a safe, quality repair, use a CIGWELD Accredited Gas Service Provider.



Suitable for the majority of heavy-duty cutting and gouging processes. The cutting oxygen valve has been designed to allow flow control from slow bleed to full capacity - ideal for piercing work. Inlet connection filters prevent foreign particles entering the blowpipe, which reduces valve seat wear and the chance of blowpipe blockage. Each blowpipe comes factory set for use with acetylene fuel gas and includes a separate mixer kit to change fuel gases from Acetylene to LP gas or Natural gas. CIGWELD recommends this conversion should be conducted by a CIGWELD Accredited Gas Service Provider.

Specifications

Part No:	Description	Fuel gas type	Handle	Length	Head	Cutting capacity	Cutting nozzles	Connections	Weight
304141	COMET Multipurpose	All	Aluminium	520mm	90°	Up to 300mm	Type 41 & 44	5/8"-18UNF	1.6kg
304161	COMET Multipurpose	All	Brass	520mm	90°	Up to 300mm	Type 41 & 44	5/8"-18UNF	1.6kg
304143	COMET Multipurpose	All	Aluminium	900mm	180°	Up to 300mm	Type 41 & 44	5/8"-18UNF	2.2kg

Extended lengths are available at your local CIGWELD Accredited Gas Service Provider

Nozzles

COMET Taper Seat Cutting Nozzles



Nozzles are the vital component of flame cutting equipment. They provide the preheating flames to raise the steel to ignition temperatures and direct the jet of oxygen on to the heated area to perform the cutting process. To achieve this result in the most efficient way, COMET nozzles have the following features:

Longer nozzle life - the high brass content and advanced manufacturing techniques give COMET taper seat nozzles an in-built quality.

Better quality cutting - the mirror smooth finish of the gas ports assures stable gas flows and superior cutting oxygen stream. Cuts are clean smooth with the narrowest kerf width.

Less slag adhesion - high copper content of sizes 20, 24 etc. conducts heat away from the nozzles face. The nozzle keeps relatively cool and slag adherence to the nozzle face is reduced.

LPG (propane) flames do not blow off - taper seat LPG nozzles have slotted preheat ports which cause a turbulence in the gas flow enabling the flame to hang on to the nozzle.

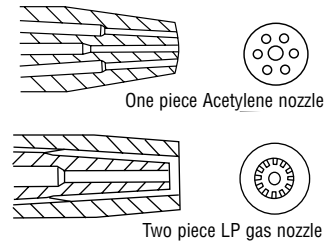
Faster nozzle attachment - easy change of position for bent nozzles. Only one nut is tightened to give perfect seating with taper seat nozzles.

Individual flame testing of COMET nozzles guarantees consistent high quality performance.

Small sizes of taper seat acetylene nozzles are machined from high quality brass so that the small preheat holes will withstand continuous cleaning. Brass nozzles stay better longer for these moderate heat applications. In all nozzles preheat gas consumption is reduced because high velocity preheat ports ensure that the flame travels at high speed from the exit ports to the work. Wider seating areas ensures gas tight seals with less tightening.

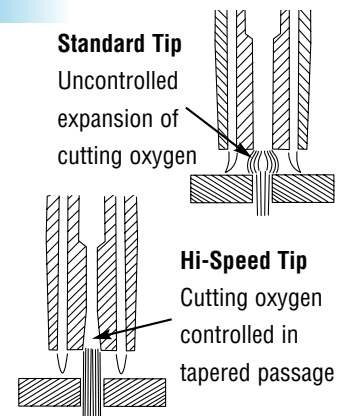
Standard Nozzles

CIGWELD standard taper seat nozzles are primarily designed for hand cutting and precision machine cutting. The number of preheat holes provide for a better distribution of the preheat flames required in profile cutting. Standard nozzles produce a very uniform kerf surface and kerf width under any recommended conditions.



Hi-Speed Nozzles

Where speed is the prime consideration, when machine cutting eg. in plate splitting operations, Hi-Speed nozzles offer very definite economies. Hi-Speed nozzles cut a narrower kerf, less metal is consumed and consequently less cutting oxygen is required. Gas savings of between 20% and 40% per metre of steel cut are consistently gained with up to 50% increase in cutting speed, with no loss of quality.



Maintenance Instructions for Nozzles

Do not mistreat the nozzle. Do not use it as a hammer or as a lever to pry away cut portions of metal.

To clear the orifices, special nozzle cleaning reamers are obtainable from CIGWELD Distributors.

It is strongly recommended that these be used in preference to other means. Should nozzle cleaning reamers not be available, then use a drill one size smaller than the orifice and work it up and down without twisting. The drill should be held in a pin vice, if it does not enter easily, start with a smaller drill with the same procedure, increasing the size of drill until the correct size is used.

It is most important that the small holes at the seating end of the nozzles are not enlarged in any way.

NOTE: Effective preheat flame shape and cutting oxygen can only be maintained when the edges of the orifice are sharp and square. If a nozzle becomes damaged on the end, rub it down with a piece of fine emery paper over a plate of glass, holding the nozzle at right angles to the glass. The orifices should be cleaned out as described above. Provision is made in the design of the nozzle to make reconditioning possible, as much as 3mm may be removed before the nozzle becomes unserviceable.

DO NOT use old pieces of wire, reamers or brooches to clean out pre-heat and cutting stream orifices.

DO NOT interfere in any way with the seating surfaces either on the nozzles or in the blowpipe head.

COMET Type 41 Cutting Nozzles



Oxy/Acetylene specifications

Standard speed cutting nozzles

CIGWELD Part No. Size Plate thickness Fuel gas flow l/min@100kPa Total Oxygen flow & pressure l/min@kPa

Standard:	306046	6	1-6	2.0	11(200)
for use	306047	8	6-10	3.5	20(200)
with	306048	12	12-20	4.0	38(200)
COMET 3	306049	15	25-75	7.0	75(350)
and Multi-	306050	20	100-125	9.0	134(400)
purpose	306051*	24	150-200	12.5	232(500)
	306052*	32±	225-300	20.0	420(600)
	306053*	48±	300-400	45.0	945(650)

Hi-speed speed cutting nozzles

CIGWELD Part No. Size Plate thickness Fuel gas flow l/min@100kPa Total Oxygen flow & pressure l/min@kPa Cutting speed mm/min†

Hi-speed:	306069	6HS	6-8	6.0	31(650)	700
for use	306070	8HS	8-20	6.0	50(650)	700-550
with	306071	12HS	25-75	10.0	107(650)	500-300
cutting	306072	15HS	75-150	12.0	158(650)	300-200
machines	306073*	20HS	150-250	13.0	250(650)	200-100
	306074*	24HS	250-300	18.0	320(650)	90

NOTE: Preheat oxygen pressure for all hi-speed nozzles = 200kPa

Gouging nozzles

CIGWELD Type 41	Part No.	Size	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa
Gouging:	306035	32GB	15.0	61(500)
for use with	306036*	48GB±	18.0	85(600)
COMET 3 and	306037*	64GB±	20.0	112(650)
Multipurpose	306038	32GS	15.0	61(500)
	306077	60DG		

Sheet metal nozzle

CIGWELD Type 41	Part No.	Size	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa
Sheet Metal:	306067	6SM	1.5	9(200)
for use with				
COMET 3 and				
Multipurpose				

Rivet cutting nozzle

CIGWELD Type 41	Part No.	Size	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa
Rivet Cutting:	306076*	15RC	10.0	80(400)
for use with				
COMET 3 and				
Multipurpose				

* Manufactured from copper

± For use with COMET Multi-Purpose ONLY

† Cutting speeds are average values for drop cuts on clean plate with nozzles

in good condition-variations could be expected due to actual working conditions.

NB: Cutting nozzles can operate over a range of gas flows (hence plate thicknesses). The values indicated are typical operating conditions & can be increased or decreased to suit particular applications.

COMET Type 44 Cutting Nozzles



Oxy/LP gas or Natural gas specifications

Standard speed cutting nozzles

CIGWELD Type 44	Part No.	Size	Plate thickness	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa
Standard:	306025	6	3-6	2.0	17(200)
for use	306026	8	6-12	3.5	30(200)
with	306028	12	12-20	4.5	58(250)
COMET 3	306029	15	25-75	5.5	99(400)
and	306030	20	100-125	6.5	171(400)
Multi-	306031	24	150-200	9.0	256(500)
purpose	306032	32±	225-300	14.0	456(600)

Hi-speed speed cutting nozzles

CIGWELD Type 44	Part No.	Size	Plate thickness	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa	Cutting speed mm/min†
Hi-speed:	306018	6HS	6-8	5.0	45(650)	550
for use on	306019	8HS	8-20	5.0	64(650)	550-500
cutting	306021	12HS	25-75	6.5	122(650)	500-300
machines	306022	15HS	75-150	7.0	173(650)	300-200
	306023	20HS	150-250	8.0	267(650)	200-100
	306024	24HS	250-300	12.0	350(650)	90

NOTE: Pre-heat oxygen pressure for all hi-speed nozzles = 200kPa

Gouging nozzles

CIGWELD Type 44	Part No.	Size	Fuel gas flow l/min@100kPa	Total Oxygen flow & pressure l/min@kPa
Gouging:	306033	32GS	12.0	94(500)
for use	306054	32GB	12.0	94(500)
with	306055	48GB±	13.0	120(600)
COMET 3	306056	64GB±	15.0	150(650)
and				
Multipurpose				

DG= Deep Gouging
GB= Gouging - Bent
GS= Gouging - Straight
SM= Sheet Metal
RC= Rivet Cutting
HS= High Speed

± For use with COMET Multi-Purpose only

† Cutting speeds are average values for drop cuts on clean plate with nozzles in good condition - variations could be expected due to actual working conditions.

NB. Cutting nozzles can operate over a range of gas flows (hence plate thicknesses).

The values indicated are typical operating conditions and can be increased or decreased to suit particular applications.

3 Seat Cutting Nozzles - Machine Cutting



Features and Benefits

Small Kerf.

Limited under and upper edge slag.

Limited upper edge melt.

Cutting operation with high speed.

Steady and safe cutting operation.

Cutting operation with small amount of gas.

High speed divergent nozzles with stainless steel insert for improved performance and nozzle life.

CIGWELD has a long established relationship with Koike Senso in Japan. Koike has developed a world-wide reputation as a leading manufacturer of gas cutting machines. Much of this reputation stems from their ability to manufacture cutting nozzles of the highest quality specifically for use with cutting machines, for example koike high speed cutting nozzles are a divergent type with a stainless steel insert screwed into the tip end of the cutting oxygen port. This maintains a constant high quality cutting performance that also improves nozzle life up to 5 times that of a conventional nozzle.

Oxy/Acetylene specifications

Standard speed cutting nozzles

Part No.	Plate thickness(mm)	Tip No. size	Cutting speed (mm)	Oxygen kPa Cutting	PR-Heat	Fuel kPa	Kerf width (mm)
306114	-5	00	-600	140	140	20	1.0
306115	5-10	0	660-550	200	200	20	1.3
306116	10-15	1	550-490	280	280	20	1.8
306117	15-30	2	490-400	300	300	20	2.0
306118	30-40	3	400-350	300	300	20	2.3
306119	40-50	4	350-320	300	300	25	2.8
306120	50-100	5	320-200	400	400	35	3.0
306121	100-150	6	200-150	450	450	40	3.6
306122	150-250	7	150-80	450	450	40	4.1
306123	250-300	8	80-45	450	450	40	4.3

Hi-speed cutting nozzles

Part No.	Plate thickness(mm)	Tip No. size	Cutting speed (mm)	Oxygen kPa Cutting	PR-Heat	Fuel kPa	Kerf width (mm)
306124	-5	00	-750	700	140	20	0.8
306125	5-10	0	700-680	700	200	20	1.3
306126	10-15	1	680-600	700	280	20	1.3
306127	15-30	2	600-500	700	300	20	1.8
306128	30-40	3	500-450	700	300	20	2.0
306129	40-50	4	450-400	700	300	25	2.6
306130	50-100	5	400-260	700	400	35	2.8

Oxy/LP gas or Natural gas specifications

Standard speed cutting nozzles

Part No.	Plate thickness(mm)	Tip No. size	Cutting speed (mm)	Oxygen kPa Cutting	PR-Heat	Fuel kPa	Kerf width (mm)
306097	5-10	0	660-550	210	200	20	1.3
306098	10-15	1	550-490	280	280	20	1.8
306099	15-30	2	490-400	315	315	20	2.0
306100	30-40	3	400-350	315	315	20	2.3
306101	40-50	4	350-320	315	315	25	2.8
306102	50-100	5	320-200	385	385	35	3.0
306103	100-150	6	200-150	455	455	40	3.6

Hi-speed cutting nozzles

Part No.	Plate thickness(mm)	Tip No. size	Cutting speed (mm)	Oxygen kPa Cutting	PR-Heat	Fuel kPa	Kerf width (mm)
306104	-5	00	-750	700	140	20	0.8
306105	5-10	0	700-680	700	200	20	1.3
306106	10-15	1	680-600	700	280	20	1.3
306107	15-30	2	600-500	700	315	20	1.8
306108	30-40	3	500-450	700	315	20	2.0
306109	40-50	4	450-400	700	315	25	2.6
306110	50-100	5	400-260	700	485	35	2.8
306111	100-150	6	260-180	700	455	40	3.6
306112	150-250	7	180-110	700	455	40	4.6

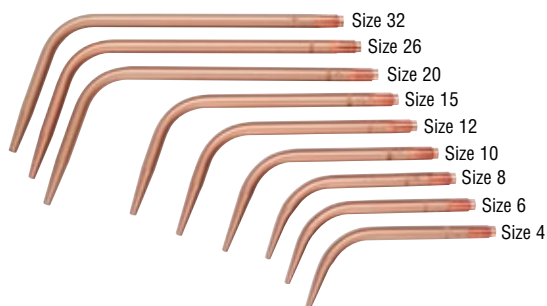
Oxy/Acetylene cutting nozzle



Oxy/LP gas cutting nozzle



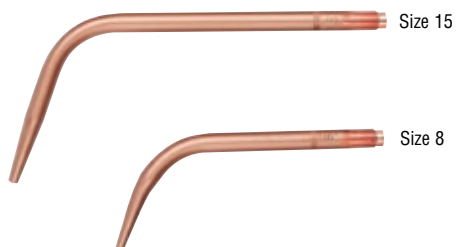
COMET Oxy/Acetylene Welding Tips



Type 551 specifications

Part No.	Model No.	Tip size	Steel thickness(mm)	Pressure kPa oxygen	Pressure kPa acetylene	Consumption each gas (l/min)
307056	551	4	0.9	50	50	1.5
307057	551	6	1.2	50	50	1.5
307000	551	8	2.0	50	50	2.0
307001	551	10	2.6	50	50	3.0
307002	551	12	3.2-4.0	50	50	4.0
307003	551	15	5.0-6.5	50	50	6.5
307004	551	20	8.2-10.0	50	50	12.0
307005	551	26	13-19	50	50	22.0
307006	551	32	25	100	100	38.0
307026	551	8-32	2.0-25	-	-	-

COMET Oxy/LP Gas Brazing Tips



Type 554 specifications

Part No.	Model No.	Tip size	Steel thickness(mm)	Pressure kPa oxygen	Pressure kPa LP Gas
307068	554	8	2.0	50	50
307059	554	15	5.0-6.5	50	50

COMET Superheating Tips - Oxy/Acetylene



Features and Benefits

Concentrated high temperature heat.

Compact simple design for ease of cleaning.

Heavy copper construction helps conduct heat away from the tip face, keeps the tip cool and prevents flashbacks.

A small projection in the middle of the tip face (307007, SHA1 and SHA2) prevents backfires should the tip be inadvertently touched on the job.

Spanner adjustment flats milled into tip.

Gas pressure and identification stamped on every SHA tip.

Part No. 307007



WARNING: at no time should the withdrawal rate of an individual acetylene cylinder exceed 1/7 of the cylinder contents per hour. If additional flow capacity is required use an acetylene cylinder pack or manifold system of sufficient size to supply the necessary volume. CIGWELD supplies both temporary and permanent gas manifolds for installation. Contact your Thermadyne Area Manager or gas supplier for further information.

Part No. 307121



Part No. 307122



Part No. 306068



Specifications

Part No.	Model No.	Tip size	Operating pressure (kPa)		Gas consumption (l/min)		Heat output MJ/hr	Mixer	Extension barrel
			Oxy	Acet	Oxy	Acet			
306068	10x12HT	10x12	350	100	23	22	75	-	-
307007	8x12HT	8x12	150	100	45-58	41-55	180	304002	-
307121	SHA1	8x12	150	100	45-58	41-55	180	304003	307123/4/5
307122	SHA2	12x12	200	100	74	65	215	304003	307123/4/5

Connect part number 306068 directly into the COMET 3 Cutting Attachment, 304005

COMET Superheating Tips - Oxy/LP Gas



Features and Benefits

Provides efficient, economical high intensity heat.
Excellent flame stability.
Limited upper edge melt.
Heavy copper head for heat and wear resistance.
Simple design for ease of cleaning.
Castellations on SHP range as an extra resistance to backfire.
Spanner adjustment flats milled into tip.
Gas pressure & identification stamped on every SHP tip.

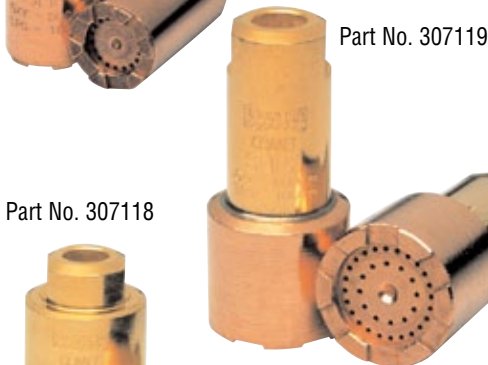
Specifications

Part No.	Model No.	Tip size	Operating pressure (kPa)		Gas consumption (l/min)		Heat output MJ/hr	Mixer	Extension barrel
			Oxy	LP gas	Oxy	LP gas			
306034	20x9HT	20x9	500	100	48	12	40	-	-
307120	SHP1	18x12	500	100	200	50	280	304003	307123/4/5
307119	SHP2	36x12	600	100	300	75	420	304003	307123/4/5
307118	SHP3	48x12	600	100	400	100	560	304166	307123/4/5
307117	SHP4*	48x15	1000	300	600	150	840	304166	307123/4/5

*NB: When used with 10mm tubing, higher flows and heat output may be obtained (over 1056MJ)
Connect part number 306034 directly to COMET 3 Cutting Attachment, 304005.

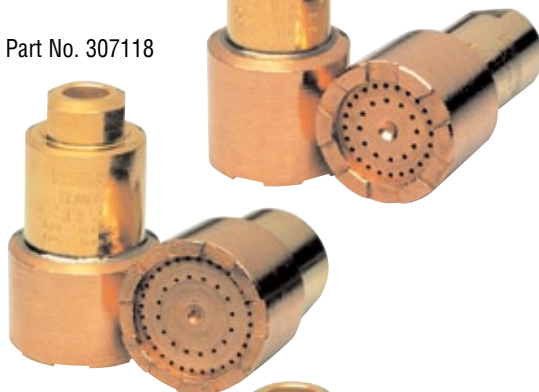


Part No. 307120

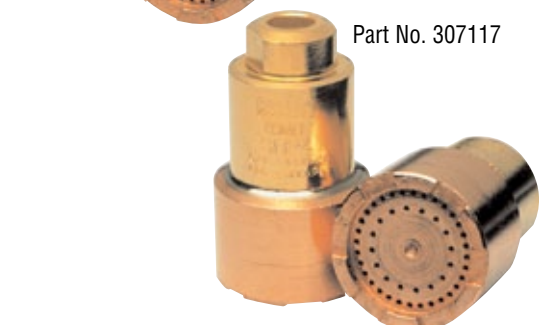


Part No. 307119

Part No. 307118



Part No. 307117



Part No. 306034

COMET Superheating Barrels



Tubular stainless steel construction gives excellent strength and heat conductivity. Screw fittings ensure an easy leak-free connection between mixer and superheating tip.

Ordering Information

Part No.	Description
307123	Straight stainless steel barrel 735mm long
307125	Gooseneck stainless steel barrel 700mm long
307124	Gooseneck stainless steel barrel 450mm long



Notes

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