

# TESUCO<sup>®</sup>

TECHNICAL SUPPLIES COMPANY



## ONE PIECE CUTTING TORCH

CUTS 300mm

QUALITY GAS EQUIPMENT

[tesuco.com.au](http://tesuco.com.au)

# One Piece Cutting Torch

## Cuts 300 mm

### Key Features



- Gas specific injector designed for maximum efficiency.
- For cutting up to 300 mm and for gouging applications.
- 90° and 180° Head configurations.
- Three standard lengths.
- Available for either oxygen/acetylene or oxygen/LpG service.
- Brass handle, tube supports and cutting head.
- Spare parts available.
- Stainless steel tubing in a triangular configuration for strength.
- Stainless steel lever and tubes.
- Colour box for 600 and 1000 mm torches.

#### 600 mm LONG

##### 90° Head

- Suitable for Oxygen/Acetylene & Oxygen/LpG
- Type 41 & 44 Nozzles

Dimensions: (L) 600 x (H) 90 x (W) 60 mm

Weight: 1.69 kg



PART NO.	DESCRIPTION
GWGT600	Oxygen/Acetylene & Oxygen/LpG 600 mm 90° head

#### 2 METRE LONG

##### 90° Head

- Ideal length for scrapyards
- Custom handle to improve ergonomics and torch control

Dimensions: (L) 2000 x (H) 90 x (W) 60 mm

Weight: 2.71 kg



### 600 mm LONG

#### 90° Head

Dimensions: (L) 600 x (H) 90 x (W) 60 mm

Weight: 1.43 kg



GWCTA600

PART NO.	DESCRIPTION
GWCTA600	Oxygen/Acetylene 600 mm 90° head
GWCT600	Oxygen/LpG 600 mm 90° head

### 1 METRE LONG

#### 90° Head

Dimensions: (L) 1000 x (H) 90 x (W) 60 mm

Weight: 1.73 kg



GWCTA1000

PART NO.	DESCRIPTION
GWCTA1000	Oxygen/Acetylene 1000 mm 90° head
GWCT1000	Oxygen/LpG 1000 mm 90° head

### 1 METRE LONG

#### 180° Head

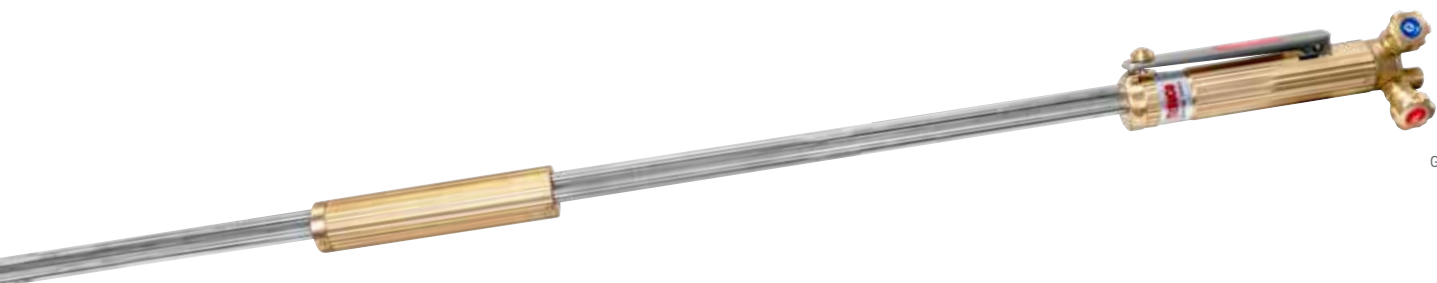
Dimensions: (L) 1000 x (H) 90 x (W) 60 mm

Weight: 1.86 kg



GWCTA1000S

PART NO.	DESCRIPTION
GWCTA1000S	Oxygen/Acetylene 1000 mm 180° head
GWCT1000S	Oxygen/LpG 1000 mm 180° head



GWCTA2000

PART NO.	DESCRIPTION
GWCTA2000	Oxygen/Acetylene 2000 mm 90° head
GWCT2000	Oxygen/LpG 2000 mm 90° head

# One Piece Cutting Torch Cutting Nozzles

## STYLE 41 Oxygen/Acetylene



GWSMNA6



GWCNA32

PART NO.	MAX PLATE THICKNESS (mm)	NOZZLE SIZE	PRESSURE (kPa)		TYPICAL CONSUMPTION (L/min)		
			OXYGEN	ACETYLENE	OXYGEN	ACETYLENE	
GWSMNA6	Sheet metal	6	200	100	9	1.5	■ ● ▲
GWCNA06	6	6	200	100	11	2	■ ● ▲
GWCNA08	10	8	200	100	20	3.5	■ ● ▲
GWCNA12	20	12	250	100	38	4	■ ●
GWCNA15	75	15	350	100	75	7	■
GWCNA20	125	20	400	100	134	9	■
GWCNA24	200	24	500	100	232	12.5	■
GWCNA32	300	32	600	100	420	20	

Acetylene cylinder guide for safe use, refer to your gas supplier. G = ■ E = ● D = ▲

## STYLE 44 Oxygen/LpG



GWCNL08

PART NO.	MAX PLATE THICKNESS (mm)	NOZZLE SIZE	PRESSURE (kPa)		TYPICAL CONSUMPTION (L/min)	
			OXYGEN	LpG	OXYGEN	LpG
GWCNL06	6	6	200	100	17	2
GWCNL08	12	8	200	100	30	3.5
GWCNL12	20	12	250	100	58	4.5
GWCNL15	75	15	400	100	99	5.5
GWCNL20	125	20	400	100	171	6.5
GWCNL24	200	24	500	100	256	9
GWCNL32	300	32	600	100	456	14

Note: Typical consumption rates have been listed, but may vary depending on environmental conditions and equipment setup.

# One Piece Cutting Torch Gouging Nozzles

## OXYGEN/ACETYLENE



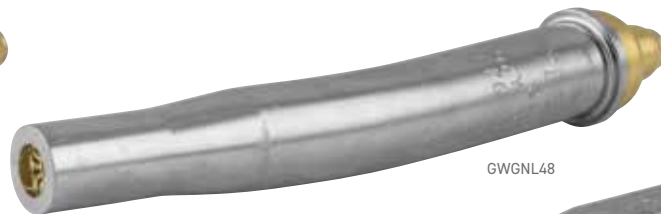
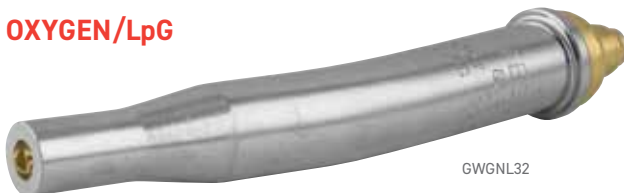
Due to the high consumption of gas, check with your cylinder supplier to see if the cylinder can deliver these flow rates.

PART NO.	TYPE	NOZZLE SIZE	PRESSURE (kPa)		TYPICAL CONSUMPTION (L/min)		
			OXYGEN	ACETYLENE	OXYGEN	ACETYLENE	
GWGNA32	Bent	32	500	100	61	15	■
GWGNA32S	Straight	32	500	100	61	15	■
GWGNA48	Bent	48	600	100	85	18	■

Acetylene cylinder guide for safe use, refer to your gas supplier.

G = ■ E = ● D = ▲

## OXYGEN/LpG



Due to the high consumption of gas, check with your cylinder supplier to see if the cylinder can deliver these flow rates.

PART NO.	MAX PLATE THICKNESS (mm)	NOZZLE SIZE	PRESSURE (kPa)		TYPICAL CONSUMPTION (L/min)	
			OXYGEN	LpG	OXYGEN	LpG
GWGNL32	Bent	32	500	100	94	12
GWGNL32S	Straight	32	500	100	94	12
GWGNL48	Bent	48	600	100	120	13

## NOZZLE NUT

Suits all nozzles

PART NO.

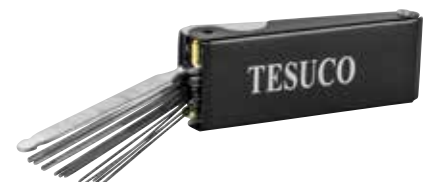
SPCANN



## TIP CLEANING SET

PART NO.

GWTC



# One Piece Cutting Torch Flashback Arrestors

Flashback arrestors must be fitted to all gas equipment to comply with Australian standard AS 4839. The IBEDA flashback arrestors fully comply with AS 4603 and the requirements set in AS 4839.

All IBEDA flashback arrestors have been product certified to AS 4603 by BAM, The Federal Institute for Materials Research and Testing in Berlin, Germany.

## STANDARD FLOW TORCH END

PART NO.	DESCRIPTION
FTSOD	Oxygen
FTSFD	Fuel Gas
FTSQD1D	Oxygen with quick action couplings and pin
FTSFQD1D	Fuel Gas with quick action coupling and pin



## MEDIUM FLOW TORCH END

PART NO.	DESCRIPTION
FTMOD	Oxygen
FTMFD	Fuel Gas
FTMQD1D	Oxygen with quick action couplings and pin
FTMFQD1D	Fuel Gas with quick action coupling and pin



## HIGH FLOW TORCH END

PART NO.	DESCRIPTION
FTHFD	Oxygen
FTHOD	Fuel Gas



## COUPLING PINS

PART NO.	DESCRIPTION
QPODF5	Oxygen coupling pin
QPFDF5	Fuel Gas coupling pin



*Note: All coupling pins and couplers meet EN 561 / ISO 7289*

## WELDING GOGGLES Shade 5



GWGP



GWGCL



GWGS5

PART NO.	DESCRIPTION
GWGP	Gas welding goggles Flame Pro <sup>®</sup> Shade 5
GWGS5	Goggle filter lens shade 5 (pair)
GWGCL	Goggle clear cover lens (pair)

## TRIPLE FLINT LIGHTER



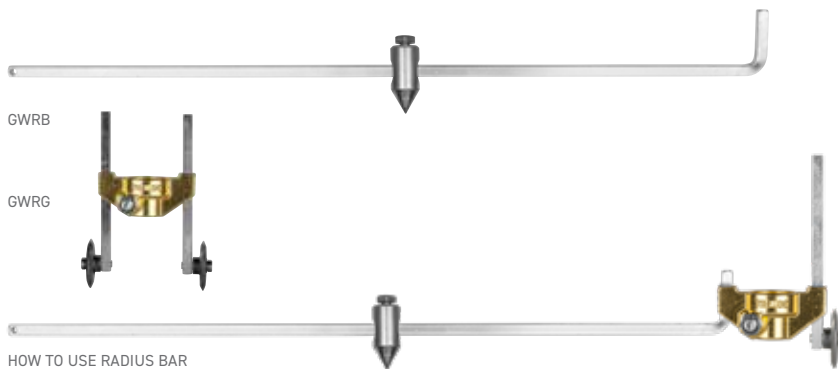
GWTFR



GWTF

PART NO.	DESCRIPTION	QTY
GWTF	Flint gun triple flint	1
GWTFR	Triple flint replacement	4

## ROLLER GUIDE & RADIUS BAR



GWRB

GWRG

HOW TO USE RADIUS BAR

Note: Circles up to 860 mm diameter with radius bar

PART NO.	DESCRIPTION
GWRB	Radius bar
GWRG	Roller guide
GWRGR	Roller guide with radius bar

## GAS CONTROL



PART NO.	DESCRIPTION
OTLDS	400g, UN 1950, aerosols, class 2.2

## TWIN HOSE ASSEMBLY 5 mm ID Oxygen/Acetylene



GWTWOA10

PART NO.	SIZE
GWTWOA5	5 m
GWTWOA10	10 m
GWTWOA15	15 m
GWTWOA20	20 m

Note: Also available in 10 mm ID

## TWIN HOSE ASSEMBLY 5 mm ID Oxygen/LpG



GWTWOL10

PART NO.	SIZE
GWTWOL5	5 m
GWTWOL10	10 m
GWTWOL15	15 m
GWTWOL20	20 m

Note: Also available in 10 mm ID

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BROCHURE

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The ultimate responsibility for safe use of the equipment lies with the operator. In the interest of constant improvement in quality and design, product specifications may change at any time, without notice. E&OE



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