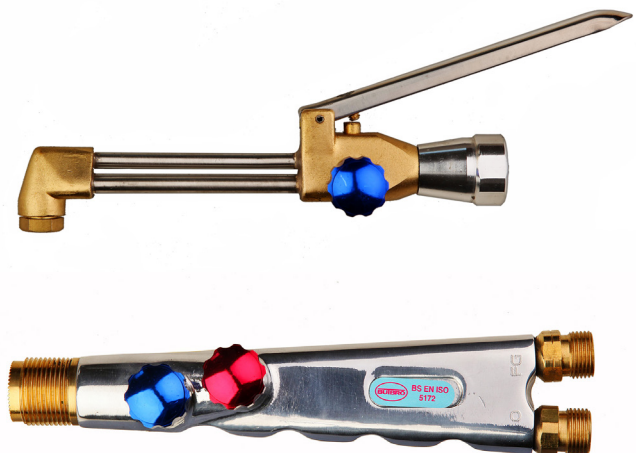


MEDIUM DUTY APPLICATIONS

MK 3A/4/5



EDITION 1/2014

The GCE BUTBRO MK3A /4/5 is a high pressure, sturdily constructed and well balanced welding and cutting torch replacing the GCE BUTBRO MK 2, together with additional improved progressive features. Each component (shank, mixer, cutting attachment) is inter-changeable with other leading makes of type 3/4/5 equipment. It has front mounted colour coded control valves, employing stainless valve spindles fitted with both 'O' ring and nylon seals; providing fine adjustment and leak-free conditions.

The shank is common to both welding and cutting heads, the same quick positive positioning and leak-free means of attachment being used for both. GCE BUTBRO torches and nozzles conform to BS EN ISO 5172.

WELDING AND HEATING

Designed for welding work from 18swg to over 1", thickness using type 3/4/5 swaged nozzles sizes 1 - 90 litres. The mixer seats on serrated toothed faces allowing the operator a selection of positive nozzle positioning through 360°. Also can be used for heating, with either acetylene or propane heating nozzles, together with a heating neck.

CUTTING

The cutting head is nozzle mixing, enabling the operator to use either acetylene or propane fuel gases by fitting the appropriate nozzle. A range of ANM and PNM nozzles are available for clean efficient cutting of material thickness from sheet metal to 50mm (2") using both acetylene, and propane fuel. It's versatility allows gouging, flame cleaning etc., to be supplied to customer's requirements.

PROPANE SUPER HEATING

Using a propane super heating mixer and 10" or 28" stainless steel super heating neck an intense heat output of up to 600,000 Btu/H is obtained. Ideal for heating castings and similar large articles.



MK3A/4/5

MK3A/4/5 COMBINED WELDING & CUTTING TORCH FOR MEDIUM DUTY APPLICATIONS



Art. Nr.	Description	Quantity
0766241 (77222)	MK 3A/4/5	1
0766243 (77333)	MK 3A/4/5 welding mixer	1
78333	MK 3A/4/5 HD welding mixer (size 45-90 nozzles)	1
0766253 (77555)	MK 3A/4/5 propane superheating mixer	1
0766242 (77444)	MK 3A/4/5 cutting attachment	1
68666	MK 3 brass heating neck (for AHT heating nozzles)	1
68777	MK 3 long brass heating neck (for AHT heating nozzles)	1

TECHNICAL DATA

Hose connections:	3/8" (other threads available on request)
Welding capacity:	25 mm
Cutting capacity:	50 mm
Welding nozzles:	Type 2/3/4/5 Swaged Welding Nozzles Sizes 1-90
Cutting nozzles:	ANM (Acetylene) Cutting Nozzles
	PNM (Propane) Cutting Nozzles
	ASNM Sheet Metal Nozzles
	AGNM Gouging Nozzles
	ARCNM Rivet Cutting Nozzles
Heating nozzles:	AHT (Acetylene) Heating Nozzles
Super heating nozzles:	Super Heating Nozzles (Propane) Sizes 1H-5H

OXY-PROPANE SUPERHEATING NECKS



Two superheating necks are available to accommodate the range of five super heating nozzle sizes 1H to 5H which guarantee an immediate and highly intense heat output from 70,000 to 600,000 Btu/h on castings and large articles.

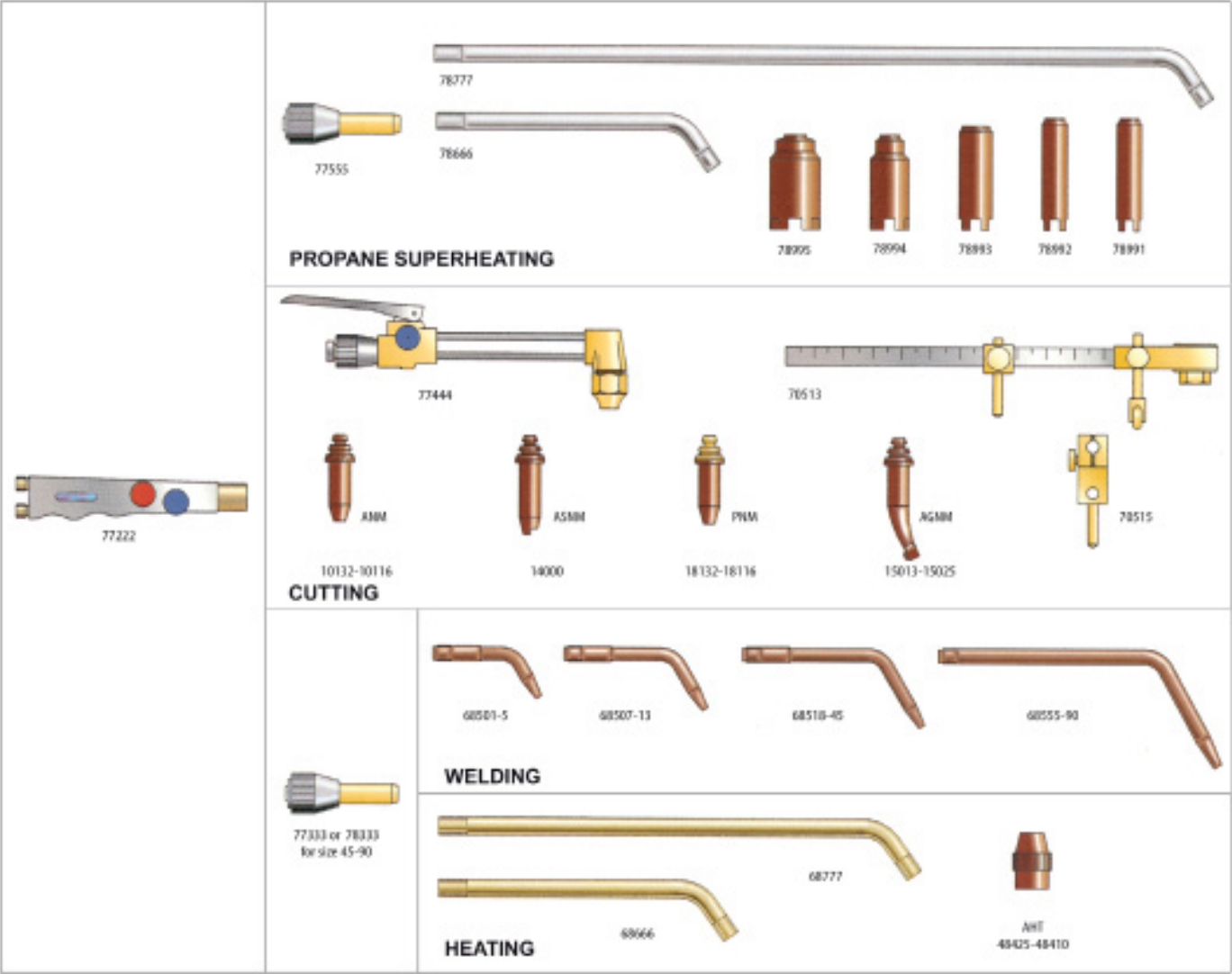
Art. Nr.	Description	Quantity
0766254 (78666)	Superheating 10" neck	1
0766255 (78777)	Superheating 28" neck	1

TECHNICAL DATA

Heating Nozzles:	Super Heating Nozzles 1H-5H (1/2" x 25 UNS)
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MK 3A/4/5

TYPICAL ASSEMBLIES - MK3A/4/5 SYSTEM



MK3A/4/5 COMBINED WELDING & CUTTING OUTFIT



CONSISTING OF:
GCE BUTBRO MK3A /4/5 Shank, Mixer & Cutting Attachment, Type 3 Swaged Welding Nozzles Size 2, 5, 7, 10, 13, 18, 25, 1/16" ANM Cutting Nozzle, 3/64" ANM Cutting Nozzle, Nozzle Cleaner Outfit, Headnut Spanner, Data Card,

Art. Nr.	Description	Quantity
77000	MK3A/4/5 combined welding & cutting outfit	1

MK3A/4/5 COMBINED WELDING & CUTTING OUTFIT



CONSISTING OF:
GCE BUTBRO MK3A /4/5 Shank, Mixer & Cutting Attachment, Single Stage, 2 Gauge Oxygen Regulator, Single Stage, 2 Gauge Acetylene Regulator, Slimguard Oxygen Flashback Arrestor, Slimguard Acetylene Flashback Arrestor, 5 Metres 1/4" Bore Twin Line Fitted Hose, Type 3 Swaged Welding Nozzles Size 2, 5, 7, 13, 1/16" ANM Cutting Nozzle, Sunfire Spark lighter, Nozzle Cleaner Outfit, Combination Spanner, Spindle Key, Headnut Spanner, Goggles, Data Card, Plastic Carrying Case

Art. Nr.	Description	Quantity
77778FB	MK3A/4/5 complete welding & cutting outfit with flashback arrestor	1

GCE Group is one of the world's leading companies in the field of gas control equipment. The headquarters are in Malmö, Sweden, and the two major supply units are located in Europe and Asia.

The company operates 15 subsidiaries around the world and employs more than 850 people. GCE Group includes four business areas – Cutting & Welding technology, Valves, Healthcare and Druva.

Today's product portfolio corresponds to a large variety of applications, from single pressure regulators and blowpipes for cutting and welding to sophisticated gas supply systems for medical and electronics industry applications.



GCE Ltd

Yew Tree Way, Stone Cross Park
Golborne, Warrington
WA3 3JD

Phone: +44 (0)1942 29 29 50
Fax: +44 (0)1942 29 29 77

sales.gb@gcegroup.com
www.gcegroup.com



Gas Control Equipment
www.gcegroup.com