

# BOC Combi Welding Nozzles

*Providing equipment solutions for our customers*

BOC welding nozzles are engineered to provide easy handling, high performance and added protection in welding and brazing operations. The heavy-walled BOC welding nozzles are constructed from long-lasting high-performance copper for good heat dissipation, longer life and turbulence-free flame. They are 100% performance-tested and precision-machined to provide the operator with a soft, concentrated flame for easy puddle control and excellent weld penetration. Welding nozzles feature leak-free, hand-tight fixing.

BOC welding nozzle faces can be dressed using a fine file and the orifices cleaned using the appropriate nozzle cleaner. The flame shape and nozzle performance depend heavily on orifices having sharp, square edges. They should never be bell-mouthed by using pieces of wire to clean them. Always use approved nozzle cleaners.

BOC Combi oxy-acetylene welding nozzles are designed to be used with the BOC Combi torch for medium to heavy-duty welding and brazing.

## Features

- Used in BOC ProMaster and BOC MasterStart outfits



Part Number	41606 No.1	41607 No.2	41608 No.3	41609 No.5	41610 No.7	41611 No.10	41612 No.13	41613 No.18	41614 No.25	41615 No.35
<b>Material Thickness</b>	0.9 mm	1.2 mm	2.0 mm	2.6 mm	3.2 mm	4.0 mm	5.0 mm	6.5 mm	8.2mm	10 mm
<b>Nozzle Size</b>	1	2	3	5	7	10	13	18	25	35
<b>Pressure (bar)</b>										
<b>O<sub>2</sub></b>	0.15	0.15	0.15	0.15	0.15	0.2	0.3	0.4	0.4	0.6
<b>C<sub>2</sub> H<sub>2</sub></b>	0.15	0.15	0.15	0.15	0.15	0.2	0.3	0.4	0.4	0.6
<b>O<sub>2</sub> Gas Consumption (L/min)</b>										
<b>O<sub>2</sub></b>	0.5 - 0.75	0.18 - 1.88	1.38 - 2.63	2.63 - 3.13	3.51 - 4.76	5.14 - 5.89	6.77 - 8.27	7.77 - 10.40	7.64 - 15.04	18.17 - 18.67
<b>C<sub>2</sub> H<sub>2</sub></b>	0.46 - 0.76	0.92 - 1.68	1.38 - 2.44	2.44 - 2.90	3.36 - 4.28	4.74 - 5.35	6.11 - 7.64	8.56 - 9.47	11.77 - 13.60	16.50 - 16.96
<b>Retail Price (inc VAT)</b>	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£8.04 (£6.84 ex vat)	£10.05 (£8.55 ex vat)	£10.05 (£8.55 ex vat)	£10.05 (£8.55 ex vat)

# BOC Combi-Lite Welding Nozzles

*Providing equipment solutions for our customers*

BOC welding nozzles are engineered to provide easy handling, high performance and added protection in welding and brazing operations. The heavy-walled BOC welding nozzles are constructed from long-lasting high-performance copper for good heat dissipation, longer life and turbulence-free flame. They are 100% performance-tested and precision-machined to provide the operator with a soft, concentrated flame for easy puddle control and excellent weld penetration. Welding nozzles feature leak-free, hand-tight fixing.

BOC welding nozzle faces can be dressed using a fine file and the orifices cleaned using the appropriate nozzle cleaner. The flame shape and nozzle performance depend heavily on orifices having sharp, square edges. They should never be bell-mouthed by using pieces of wire to clean them. Always use approved nozzle cleaners.

BOC Combi-Lite light-duty oxy-acetylene welding nozzles are designed to be used with the BOC Combi-Lite torch for light-duty welding and brazing.

## Features

- Used in the BOC PortaPak and BOC WeldingPak outfits



Part Number	41616 No.1	41617 No.2	41618 No.3	41619 No.5	41620 No.7	41621 No.10	41622 No.13	41623 No.18	41624 No.25
Material Thickness	0.9 mm	1.2 mm	2.0 mm	2.6 mm	3.2 mm	4.0 mm	5.0 mm	6.5 mm	8.2mm
Nozzle Size	1	2	3	5	7	10	13	18	25
Pressure (bar)									
O <sub>2</sub>	0.15	0.15	0.15	0.15	0.15	0.2	0.3	0.4	0.4
C <sub>2</sub> H <sub>2</sub>	0.15	0.15	0.15	0.15	0.15	0.2	0.3	0.4	0.4
O <sub>2</sub> Gas Consumption (L/min)	0.5 - 0.75	0.18 - 1.88	1.38 - 2.63	2.63 - 3.13	3.51 - 4.76	5.14 - 5.89	6.77 - 8.27	7.77 - 10.40	7.64 - 15.04
C <sub>2</sub> H <sub>2</sub>	0.46 - 0.76	0.92 - 1.68	1.38 - 2.44	2.44 - 2.90	3.36 - 4.28	4.74 - 5.35	6.11 - 7.64	8.56 - 9.47	11.77 - 13.60
Retail Price (inc VAT)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£6.03 (£5.13 ex vat)	£10.05 (£8.55 ex vat)	£10.05 (£8.55 ex vat)