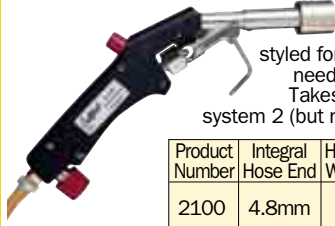




Autotorch System

Automatic push-button, piezo-electric ignition plus easy to change burners. Gone are the days of looking for matches; or the irritation of trying to light in windy conditions. To **BS EN 731**.



No.2100 Handle Only
Strong, glass-filled nylon handle, styled for maximum comfort. Incorporates needle valve and piezo-electric ignitor. Takes any of the burners for Autotorch system 2 (but not for Autotorch brazing system).

Product Number	Integral Hose End	Handle Weight	Order Code BUL-860	List Price/1	Offer Price/1
2100	4.8mm		-2100K	£39.89	£37.90

Autotorch Propane Kits

Torches assembled with hose, regulators and burners for immediate use.

No.200P Contents: handle No. 2100, burner No.2105, Tinyreg No.1041, 2.75M (9ft) HP hose No.1299, 2 '0' clips No. 1324.

No.230P Contents: handle No.2100, burner No.2105 Tinyreg variable regulator No.1051, 2.75M (9ft) HP hose No.1299, 2 '0' clips No.1324.



Product Number	Weight each	Order Code BUL-860	List Price/1	Offer Price/1
200P		-0200F	£89.36	£84.89
230P		-0230G	£90.50	£85.97

Autotorch Brazing System

A portable bronze brazing system using only a single cylinder of propane. Automatic piezo-electric ignition plus interchangeable burners.

No.4100 Strong Glass-filled Nylon Handle

Styled for maximum comfort. Incorporates needle valve and piezo-electric ignitor. Takes any of the Autotorch brazing system burners (but not the Autotorch system 2 burners).



Product Number	Integral Hose End	Handle Weight	Order Code BUL-860	List Price/1	Offer Price/1
4100	4.8mm		-4100B	£42.73	£40.59

Regulators

No.4041 Brazing (not illustrated): Specially designed propane regulator to **BS 3016** giving a 4 bar preset outlet pressure. Robust brass construction.

No.330 Low Pressure: Compact low pressure regulator for propane. Conforms to **BS 3016**. For industrial and domestic use and for use in caravans, boats and camping. Output pressure: 37m bar.



Product Number	Weight each	Order Code BUL-860	List Price/1	Offer Price/1
4041		-4041A	£25.61	£24.33
330	350g	-0330J	£5.50	£5.22

Screwed Hose Connector

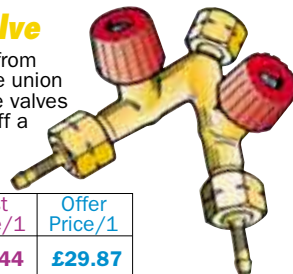
Bullfinch No.1021 screwed hose connector $\frac{3}{8}$ " BSP-LH female union x 4.8mm hose end.



Product Number	Integral Hose End	Handle Weight	Order Code BUL-860	List Price/1	Offer Price/1
1021	4.8mm		-1021R	£1.63	£1.55

BSP Two Way Outlet Valve

The No.1263 two way outlet valve from Bullfinch has a $\frac{3}{8}$ " BSP - LH female union with two 4.8mm hose ends. Needle valves on each outlet. Gives two outlets off a Bijou regulator.



Product Number	Weight each	Order Code BUL-860	List Price/1	Offer Price/1
1263		-1263D	£31.44	£29.87

Autotorch Burners (Burner Only)

No.2101 Very fine needle flame burner for precision work.

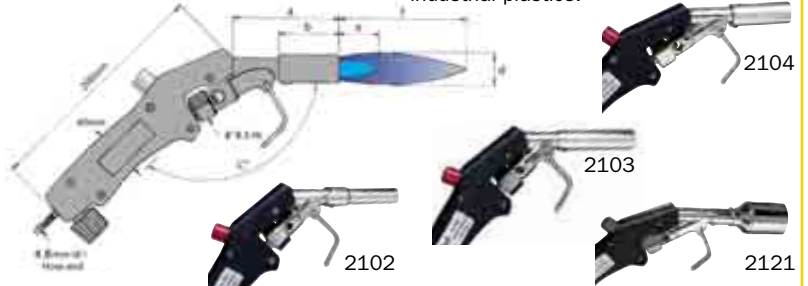
No.2102 Fine flame burner for localised heating.

No.2104 Medium flame burner for heating, plumbing and engineering where a compact well defined flame is required.

No.2105 General purpose heating and soldering burner with a large well defined flame.

No.2106 More powerful flame for general use.

No.2121 Autotorch soft flame burner. Well spread flame for heat shrinking of plastics for cable jointing and other industrial plastics.



Product Number	Dimensions (mm)						Weight each	Order Code BUL-860	List Price/1	Offer Price/1
	Flame*			Burner						
	d	e†	f	a	b	c°				
2101	8	15	50	110	70	120	530g	-2101L	£24.70	£23.46
2102	13	40	125	110	70	120	530g	-2102M	£24.70	£23.46
2103	15	40	150	100	70	120	520g	-2103N	£24.70	£23.46
2104	18	45	150	100	50	135	580g	-2104P	£24.70	£23.46
2105	30	45	150	100	50	135	580g	-2105Q	£24.70	£23.46
2106	40	40	250	145	100	135	530g	-2106R	£24.70	£23.46
2121	54	24	290	132	90	135	614g	-2121V	£27.88	£26.49

Notes:

* The data are for the torch burning propane at 1 bar. † To obtain gas consumption and heat input data at 2 bar, multiply these figures by 1.4.

Gas Supply

Propane or butane at high pressure (0.35 - 2 bar).

Cylinders

Any standard propane or butane cylinder (Gaz cylinders using No.1070 adaptor).

Regulator

Any of the Tinyregs or Bijou regulators. The No. 1051 variable Tinyreg for

propane is recommended to give the best results from the torch.

Hose

4.8mm high pressure hose to **BS 3212/2** (No.1299) only must be used, with suitable hose clips.

Flashback Arrestors

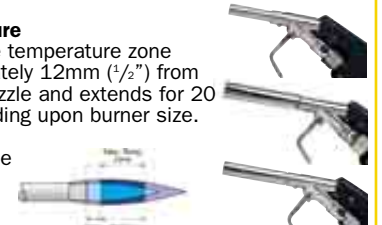
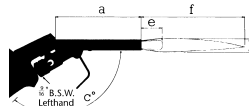
These are NOT required for Bullfinch propane torches.

Autotorch Brazing Burners (Burner Only)

No.4103 giving the smallest, **No.4105** the largest, flames. The burners must be used at 4 bar pressure and should not be turned down. If a smaller flame is required a smaller burner must be used.

Flame Temperature

The hottest flame temperature zone begins approximately 12mm ($\frac{1}{2}$ ") from the end of the nozzle and extends for 20 to 50mm, depending upon burner size. Maintain these distances from the work-piece for maximum heating effect.



Product Number	Dimensions (mm)						Weight each	Order Code BUL-860	List Price/1	Offer Price/1
	Flame			Burner						
	d	e	f	a	c°					
4103	15	20	110	110	135	534g	-4103C	£25.91	£24.61	
4104	20	30	170	130	135	537g	-4104D	£25.91	£24.61	
4105	30	40	220	145	135	546g	-4105E	£25.91	£24.61	

Gas Supply & Regulator

The torch must be used with propane only at 4 bar pressure. We recommend the brazing regulator

No.4041 which is already fitted to the kit.

Cylinders

Any standard propane cylinder.

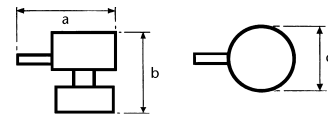
Hose

4 - 8mm high pressure hose to **BS 3212/2** (No. 1299) only must be used, with suitable hose clips.

Flashback Arrestors

These are NOT required for Bullfinch propane torches.

High performance high pressure regulators to **BS 3016**, operating over temperature range 20°C to +50°C. Tinyregs: **No.1051**. Any can supply enough gas for any single Bullfinch product. Tinyregs pre-set: **No. 1041**, Bijou: **No.1465**, and **No.1466** - High volume compact regulators for propane. Ideal for supplying two or more appliances and those with a high throughput.



Product Number	Output Bar	Hose End	Dimensions(mm)			Weight each	Order Code BUL-860	List Price/1	Offer Price/1
			a	b	c				
1041	1	4.8	68	93	43	318g	-1041X	£18.60	£17.67
1051	0.35-2	4.8	68	115	43	330g	-1051A	£20.70	£19.66
1465	0.35-2	6.3, 8, 4.8	106	125	57	545g	-1465G	£26.12	£24.81
1466	1	6.3, 8, 4.8	106	105	57	480g	-1466H	£29.32	£27.85