The Right Connection™

BUCKLEY INDUSTRIAL
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Fire Hose Couplings

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Instantaneous Delivery Hose Couplings

Sizes: 2 1/2" nominal bore x various hose tail sizes (double ribbed)

Materials: Light Alloy (Aluminium) ,Gunmetal

Pressure: Maximum working pressure 15 Bar

Details: Instantaneous couplings are used for connecting hoses together and to other fittings. Due to the sealing mechanism they are suitable for pressurised systems only and are fitted such that the flow of water is from the female half to the male half. Light Alloy for Freshwater and Gunmetal for Seawater. Couplings to BS336 - 1989.

2 1/2" INSTANTANEOUS DELIVERY HOSE COUPLINGS

PART NO.	HOSE TAIL SIZE	MATERIAL
CLI250H150	2 1/2" x 1 1/2"	Light Alloy
CLI250H175	2 1/2" x 1 3/4"	Light Alloy
CLI250H200	2 1/2" x 2"	Light Alloy
CLI250H250	2 1/2" x 2 1/2"	Light Alloy
CLI250H275	2 1/2" x 2 3/4"	Light Alloy
CLI250H300	2 1/2" x 3"	Light Alloy

2 1/2" INSTANTANEOUS DELIVERY HOSE COUPLINGS

PART NO.	HOSE TAIL SIZE	MATERIAL
CGI250H150	2 1/2" x 1 1/2"	Gunmetal
CGI250H175	2 1/2" x 1 3/4"	Gunmetal
CGI250H200	2 1/2" x 2"	Gunmetal
CGI250H250	2 1/2" x 2 1/2"	Gunmetal
CGI250H275	2 1/2" x 2 3/4"	Gunmetal
CGI250H300	2 1/2" x 3"	Gunmetal

2 1/2" INSTANTANEOUS DELIVERY HOSE COUPLINGS

PART NO.	HOSE TAIL SIZE	BSP	MATERIAL
ALF250BF200	2 1/2" x 2"	Female	Light Alloy
ALF250BF250	2 1/2" x 2 1/2"	Female	Light Alloy
ALF250BF300	2 1/2" x 3"	Female	Light Alloy
ALF250BM100	2 1/2" x 1"	Male	Light Alloy
ALF250BM150	2 1/2" x 1 1/2"	Male	Light Alloy
ALF250BM200	2 1/2" x 2"	Male	Light Alloy
ALF250BM250	2 1/2" x 2 1/2"	Male	Light Alloy
ALF250BM300	2 1/2" x 3"	Male	Light Alloy

Instantaneous Adaptors

Sizes: 2 1/2" Male or Female Instantaneous x Male or Female Threads

Materials: Light Alloy Gunmetal

Pressure: Maximum working pressure 15 Bar

Details: Adaptors are used when it is necessary to convert either from one size to another in the same connection system or from one standard system to another. Light Alloy for Freshwater and Gunmetal for Seawater.

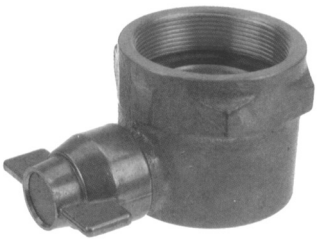
2 1/2" MALE INSTANTANEOUS x FEMALE BSP		
PART NO.	SIZE	MATERIAL
ALM250BF75	x 3/4"	Light Alloy
ALM250BF100	x 1"	Light Alloy
ALM250BF150	x 1 1/2"	Light Alloy
ALM250BF200	x 2"	Light Alloy
ALM250BF250	x 2 1/2"	Light Alloy
ALM250BF300	x 3"	Light Alloy

2 1/2" MALE INSTANTANEOUS x MALE BSP		
PART NO.	SIZE	MATERIAL
ALM250BM75	x 3/4"	Light Alloy
ALM250BM100	x 1"	Light Alloy
ALM250BM150	x 1 1/2"	Light Alloy
ALM250BM200	x 2"	Light Alloy
ALM250BM250	x 2 1/2"	Light Alloy
ALM250BM300	x 3"	Light Alloy

2 1/2" MALE INSTANTANEOUS - DOUBLE MALE		
PART NO.	SIZE	MATERIAL
ALM250M250	2 1/2"	Light Alloy
AGM250M250	2 1/2"	Gunmetal

FEMALE INSTANTANEOUS x FEMALE INSTANTANEOUS		
PART NO.	SIZE	MATERIAL
ALF250F250	2 1/2" x 2 1/2"	Light Alloy
	Single twist (Double female)	

2 1/2" MALE INSTANTANEOUS x BSP THREAD			
PART NO.	SIZE	BSP	MATERIAL
AGM250BM200	x 2"	Male	Gunmetal
AGM250BM250	x 2 1/2"	Male	Gunmetal
AGM250BF200	x 2"	Female	Gunmetal
AGM250BF250	x 2 1/2"	Female	Gunmetal



2 1/2" FEMALE INSTANTANEOUS x BSP THREAD			
PART NO.	SIZE	BSP	MATERIAL
AGF250BM200	x 2"	Male	Gunmetal
AGF250BM250	x 2 1/2"	Male	Gunmetal
AGF250BF200	x 2"	Female	Gunmetal
AGF250BF250	x 2 1/2"	Female	Gunmetal

2 1/2" FEMALE INSTANTANEOUS BLANK CAP & CHAIN*		
PART NO.	SIZE	MATERIAL
CAFA250I	x 2 1/2"	Light Alloy
	*SINGLE TWIST RELEASE	

2 1/2" FEMALE INSTANTANEOUS BLANK CAP & CHAIN*		
PART NO.	SIZE	MATERIAL
CAFG250ID	x 2 1/2"	Gunmetal
	*DOUBLE PULL RELEASE	

2 1/2" MALE INSTANTANEOUS BLANK PLUG & CHAIN		
PART NO.	SIZE	MATERIAL
PLMA250I	x 2 1/2"	Light Alloy

2 1/2" MALE INSTANTANEOUS BLANK PLUG & CHAIN		
PART NO.	SIZE	MATERIAL
PLMG250I	x 2 1/2"	Gunmetal

2 1/2" MALE INSTANTANEOUS x HOSE TAIL		
PART NO.	SIZE	MATERIAL
ALM250H50	x 1/2"	Light Alloy
ALM250H75	x 3/4"	Light Alloy
ALM250H100	x 1"	Light Alloy

2 1/2" FEMALE INSTANTANEOUS x FEMALE BSP*		
PART NO.	SIZE	MATERIAL
ALF250BF100	x 1"	Light Alloy
ALF250BF150	x 1 1/2"	Light Alloy
	*Single Twist	

Branch Pipes/Nozzles for Instantaneous Couplings

Sizes: As below

Materials: Light Alloy (Aluminium) Gunmetal

Pressure: 10 - 15 Bar working pressure (Average 5-7 Bar)

Details: The Branchpipe or Nozzle is used at the delivery end of a line of hose to increase the velocity of the water so as to give a straight jet or spray. For use in fire fighting or general industrial applications.

1 PIECE COMBINED BRANCHPIPE/NOZZLE STRAIGHT JET		
PART NO.	SIZE/DESCRIPTION	MATERIAL
NLMIXC	5/8"	Light Alloy
	No On/Off switch	

1 PIECE COMBINED BRANCHPIPE/NOZZLE STRAIGHT JET		
PART NO.	SIZE/DESCRIPTION	MATERIAL
QLABP	Standard Branch Pipe	Light Alloy
QLANZ13	1/2"	Light Alloy
QLANZ16	5/8"	Light Alloy
QLANZ20	3/4"	Light Alloy
	Plain jet screw on nozzle	

*Note: When ordering please note, part no. QLABP is to be used only with parts QLANZ.

TWIST OPERATED JET AND SPRAY/DIFFUSER		
PART NO.	SIZE	MATERIAL
ALM250BF75	x 3/4"	Light Alloy
ALM250BF100	x 1"	Light Alloy
ALM250BF150	x 1 1/2"	Light Alloy
ALM250BF200	x 2"	Light Alloy
ALM250BF250	x 2 1/2"	Light Alloy
ALM250BF300	x 3"	Light Alloy

LEVER CONTROLLED ON/OFF JET AND SPRAY		
PART NO.	SIZE	MATERIAL
	12mm	Light Alloy
	22mm	Light Alloy

Suction Hose Couplings

Sizes: 4" x 4" or 5 1/2" x 5 1/2"

Materials: Light Alloy (Aluminium) Gunmetal

Pressure: N/A

Details: Suction couplings are used to connect together suction hoses. The coupling halves are normally threaded with a special round thread to BS336 and screwed together to compress a sealing washer. Unlike the instantaneous coupling this arrangement produces an effective seal under suction conditions. Direction of flow of water is conventionally from the female half to the male half of a coupling. The threaded part of the female half swivels relative to the tail so that the coupling halves can be screwed together without twisting the hose. Female halves have 4 lugs and male halves 2 lugs.

BS ROUND THREAD SUCTION HOSE COUPLINGS

PART NO.	HOSE TAIL SIZE	MATERIAL
CLMPRT400H400	Male half 4" x 4"	Light Alloy
CLFPRT400H400	Female half 4" x 4'	Light Alloy
CLMRT550H550	Male half 5 1/2" x 5 1/2"	Light Alloy
CLFRT550H550	Female half 5 1/2" x 5 1/2"	Light Alloy

Hydrant Equipment

Sizes: As below

Materials: Light Alloy (Aluminium)

Pressure: Maximum working pressure 10 - 15 Bar (Average 5 -7 Bar)

Details: Standpipes are used to connect into a pressurised water mains supply via underground fire hydrants. The standpipe base is usually threaded 2½" female hydrant round thread and the outlet is normally 2½" female instantaneous (single twist release). The outlets can either be single or double. The standpipe shaft length is usually 30". Hydrant keys and bars (either Light Alloy or Steel) are used with the above in order to turn the water supply on and off.

STANDPIPES

PART NO.	DESCRIPTION	MATERIAL
MS1	Single Outlet Standpipe	Light Alloy
MS1	Double Outlet Standpipe	Light Alloy
MS1V	Single Outlet Standpipe with Non-Return Valve	Light Alloy
MS2V with Non-Return Valve	Double Outlet Standpipe	Light Alloy

CONTRACTORS STANDPIPES

PART NO.	DESCRIPTION	MATERIAL
MS1C	Single Outlet Contractors Standpipe with 3/4" Bib-Tap and Double Check Valve	Light Alloy
MS2C	Double Outlet Contractors Standpipe with 2 X 3/4" Bib-Taps and Double Check Valve	Light Alloy

HYDRANT KEY AND BAR

PART NO.	MATERIAL	
MKA	Light Alloy	POA
MKSB	Steel	POA

THERMOPLASTIC FOG NOZZLES

PART No.	SIZE	THREAD
FNB75GHT	3/4"	GHT
FNB75S	3/4"	NPS
FNB100S	1"	NPS
FNB150S	1 1/2"	NPS
FNB100NST	1"	NST
FNB150NST	1 1/2"	NST

- For use up to 100 p.s.i. (Water Only)
- For cabinet use
- Adjustable from straight stream to fog

THERMOPLASTIC FOG NOZZLES WITH BUMPER

PART No.	SIZE	THREAD
FNBE150S	1 1/2"	NPS
FNBE150NST	1 1/2"	NST

- For use up to 100 p.s.i. (Water Only)
- FOG ONLY! For electrical fires
- Opens and closes in a 30˚ fog pattern - up to 120˚

GASKETS FOR THERMOPLASTIC NOZZLES

PART No.	SIZE	THREAD
FNG100S	1 1/2"	NPS
FNG150S	1 1/2"	NPS
FNG100NST	1"	NST
FNG150NST	1 1/2"	NST

BRASS INDUSTRIAL FOG NOZZLES WITH BUMPER

PART No.	SIZE	THREAD
BFN100	1"	NPSH
BFN150	1 1/2"	NPSH
BFN100NST	1"	NST
BFN150NST	1 1/2"	NST
BFN250NST	2 1/2"	NST

- Shut off - Straight stream - Fog
- Listed by Underwriters Laboratories for Class A and B fires
- Delivers 30˚ - 60˚ - 90˚ fog patterns

"ALL-FOG" BRASS INDUSTRIAL FOG NOZZLE WITH BUMPER

PART No.	SIZE	THREAD
BFNE150	1"	NPSH

- "All-Fog" listed by U/L for class 'C' Fires
- NO STRAIGHT STREAM
- From shut off to 30˚ fog, adjustable thru 90˚ fog
- Use of this nozzle is not likely to prove hazardous when nozzle is held in excess of 10ft from electrical apparatus and circuits not involving more than 250,000 volts

BRASS RACK NOZZLE

PART No.	SIZE	THREAD
BRN150NST	1 1/2"	NST

- For cabinet use - without bumper
- Shut off - Straight stream - Fog
- Listed by Underwriters Laboratories for Class A and B fires
- Delivers 30˚ - 60˚ - 90˚ fog patterns

HEAVY DUTY BRASS FOG NOZZLE WITH BUMPER

PART No.	SIZE	THREAD
HFN150NST	1 1/2"	NST
HFN150	1 1/2"	NPSH

- Shut off - Straight stream - Fog
- U/L listed and Fm approved
- Delivers 30˚ - 60˚ - 90˚ fog patterns

HARD COATED ALUMINIUM FOG NOZZLES

PART No.	SIZE	THREAD
AFN150NST	1 1/2"	NST
AFN150	1 1/2"	NPSH

- For cabinet use. Discourages Theft
- Without Bumper
- Rugged, lightweight, corrosion resistant nozzle
- FM approved. Weight 12oz
- Manufactured from extruded Aluminium

BRASS SHUT-OFF NOZZLES

PART No.	SIZE	THREAD
BSN150NST	1 1/2"	NST
BSN150	1 1/2"	NPSH

- Straight Stream only
- Polished Brass finish

TIPS FOR SHUT-OFF NOZZLE

PART No.	SIZE	THREAD
BNT100F	1 1/2"	NST