

# COPPER BRANCH PIPE WITH NOZZLE

## GUNMETAL-COPPER CONSTRUCTION, CONVENTIONAL DESIGN



Copper Branch pipe with nozzle is one of the oldest fire fighting branches in use. The nozzle and Male Inlet is fitted onto a copper pipe of sufficient length. It is still popular among municipal brigades and due to its shape and size allows for ease of handling and operation. Gives a solid jet stream and the branch can be fitted with different bore size nozzles

**Brief Description :** AAAG Copper Branch pipe with nozzle, made of G.M./ Copper, fitted with 6/ 12/ 16/ 20/ 25 mm bore nozzle, for projecting water in form of solid jet. Nozzle shall have 63mm Male Instantaneous Inlet, and the nozzle and Male Inlet are brazed to the copper pipe. Flow shall vary depending on nozzle bore.

### 1.0 GENERAL DATA

1.1	Make	AAAG
1.2	Model	Copper Branch Pipe with Nozzle
1.3	Inlet	63mm Instantaneous Male Inlet
1.4	Outlet	6/ 12/ 16/ 20/ 25 mm bore Solid Jet Nozzle
1.5	Material of Construction	Gun Metal / Copper
1.6	Reference	Drawing No. SBJ/

### 2.0 MATERIAL OF CONSTRUCTION

2.1	Nozzle	GM (IS: 318 LTB-2)
2.2	Male Coupling	GM (IS: 318 LTB-2)
2.3	Pipe	Copper Sheet

### 3.0 TESTING AND QUALITY CONTROL

3.1	Dimensional check	As per Drawing No. SBJ/ (see behind)
3.2	Hydrostatic Pressure Test	21 kgf/cm <sup>2</sup> for 2.5 minutes
3.3	Documentation	Internal inspection report, supplier's certificates, approved laboratory test certificates

### 4.0 OPERATIONAL/ TECHNICAL DATA

4.1	Working pressure	5 to 9 Kg/cm <sup>2</sup>
4.2	Discharge Pattern	Solid Jet stream.
4.3	Weight (approx.)	1.2 Kgs

### 5.0 FINISH

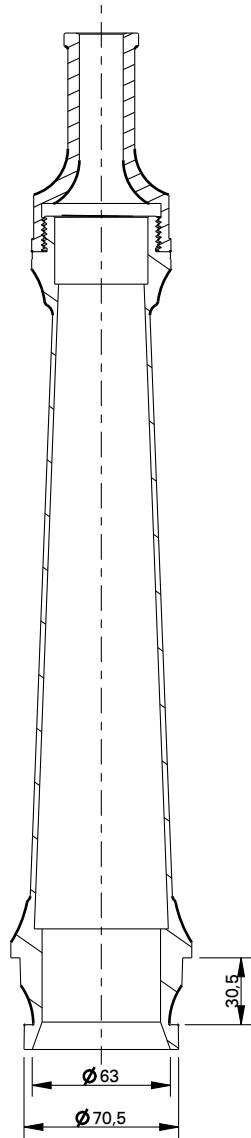
5.1	Nozzle	All parts buffed/polished
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### 6.0 APPROVALS & MARKING

6.1	Approvals	--
6.2	Marking on Nozzle	AAAG/ Year of Manufacture/ Size of Nozzle

### 7.0 WARRANTY

7.1	Warranty & Guarantee	12 Months from the date of supply
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1	NOZZLE	G.M IS:318, LTB-2
2	O' RING	RUBBER
3	PIPE	COPPER SHEET
4	MALE INST.	G.M IS:318, LTB-2
NO.	DESCRIPTION	MATERIAL
PART LIST		



**Shah Bhogilal Jethalal & Bros.**

AHMEDABAD

**TITLE :**

**Copper Branch Pipe with Nozzle,  
Conventional Design**

**SCALE**

**DRAWING NO:**

**SHEET**

**REV.**

N.T.S

G111-63BJ

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