

Specification MAP/CV1507/Issue 7 Dated 9.1.46. To be read in conjunction with K1001, ignoring clauses:- 5.2, 5.8.	<u>SECURITY</u>	
	<u>Specification</u> RESTRICTED	<u>Valve</u> RESTRICTED

→ Indicates a change

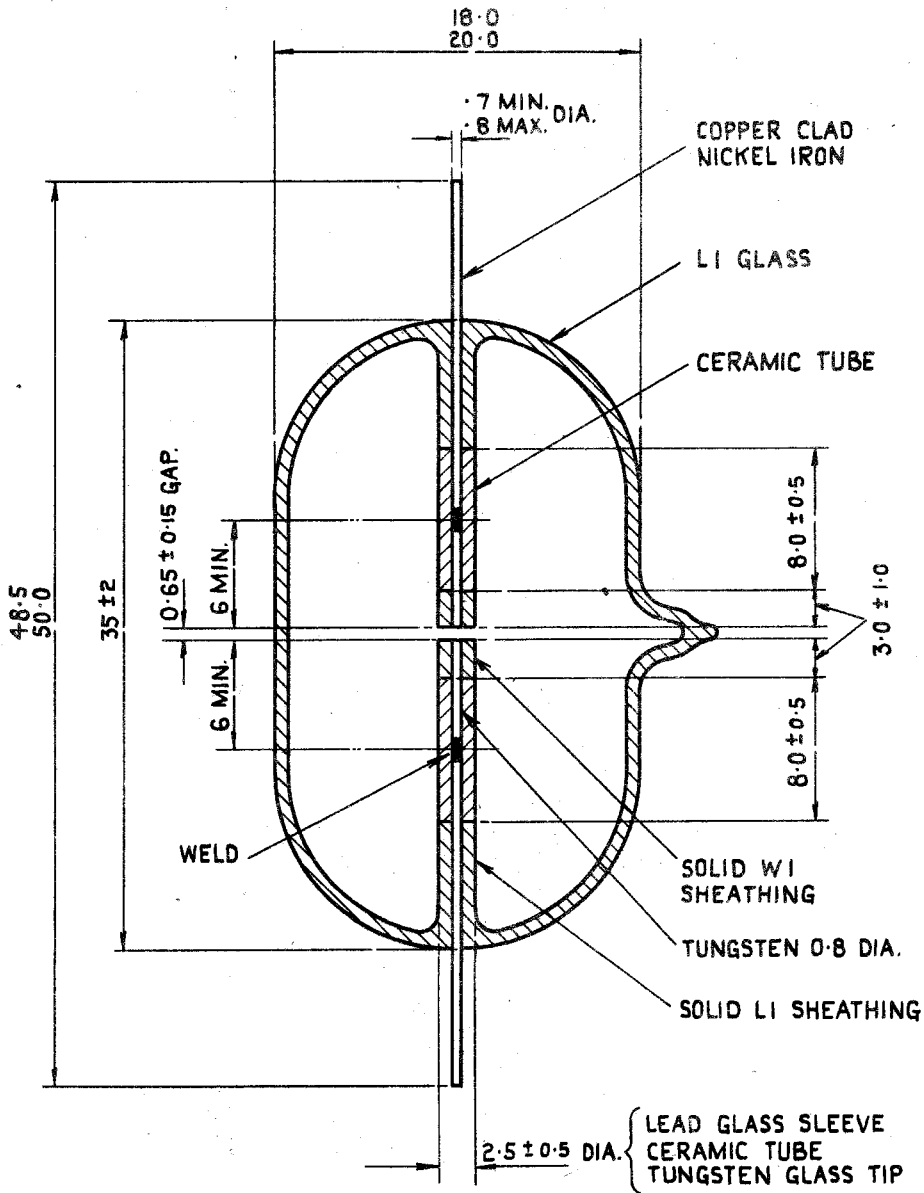
<u>TYPE OF VALVE</u> - Gas Filled Spark Gap		<u>MARKING</u> See K1001/4
<u>RATING</u>		<u>BASE</u> None
Max. Striking voltage (V)	1250	
		<u>DIMENSIONS</u> See drawing on page 2.

REQUIREMENTS

- Glass Envelope - Lead glass throughout.
- Sleeving - Lead (L1) glass adjoining the envelope.
Ceramic centre section. Tungsten (W1) glass tips.
- Gas Filling - Argon 600 mm. \pm 20 mm. plus approx.
5 mg. mercury.
- Electrodes - Tungsten welded to lead wires.
The ends must be cut square and no
wire must protrude beyond the glass tip.
- Lead wires - Copper-clad nickel-iron.

TESTS

	Test Conditions	Test	Limits		No. Tested
			Min.	Max.	
a	After 2 weeks shelf test, increase the applied D.C. voltage until spark occurs.	Striking Voltage (V)	-	1250	100%



NOTE :- THE ALIGNMENT OF THE TUNGSTEN ELECTRODES MUST BE SUCH THAT THERE IS NOT MORE THAN 0.25 mm BETWEEN THEIR CENTRES AT THE GAP.

ALL DIMENSIONS IN MILLIMETRES.