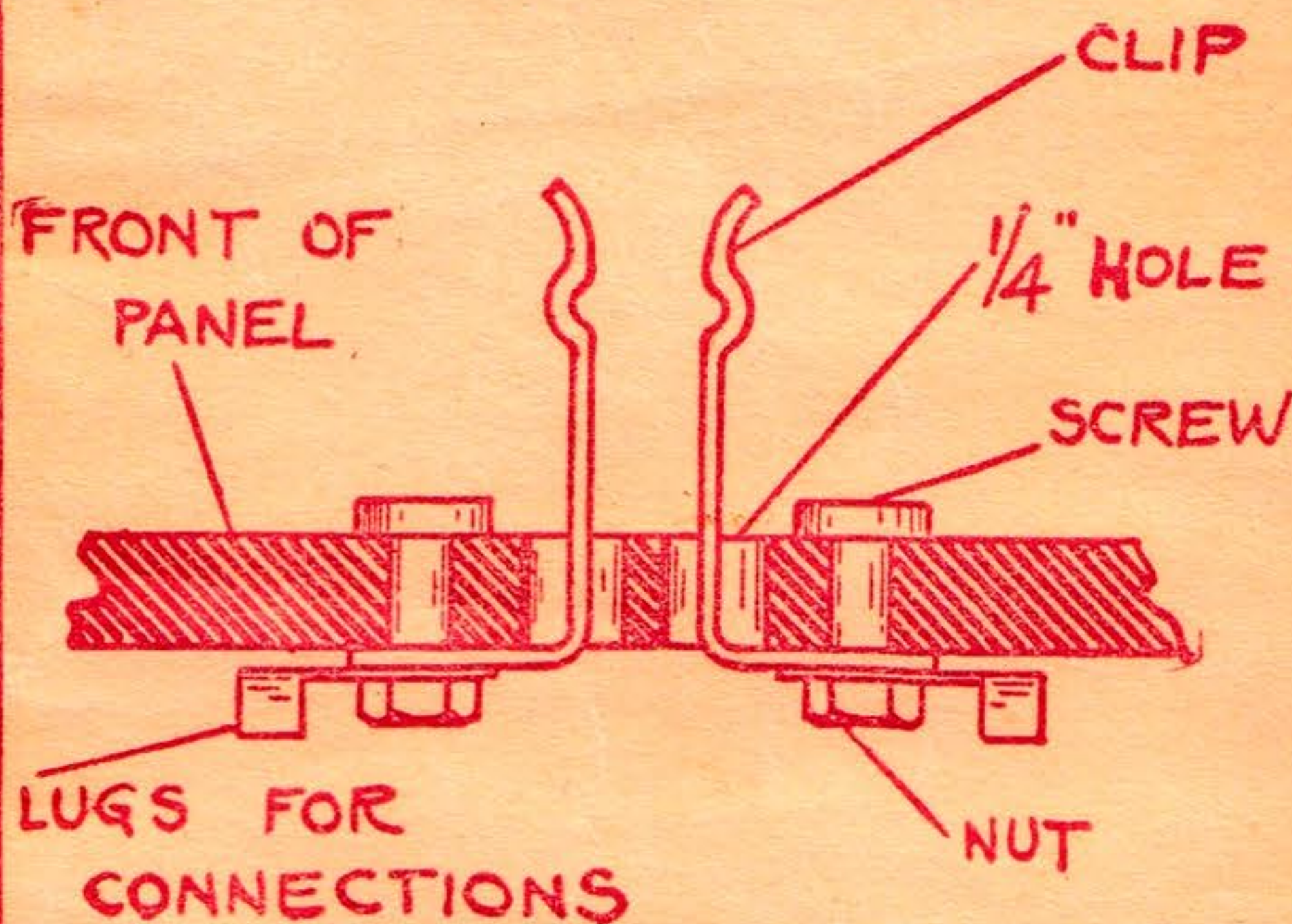


READ CAREFULLY

USEFUL INFORMATION

DIRECTIONS FOR MOUNTING:

See drilling template on outside of box. This template shows how MYERS TUBES are to be mounted. Place template on panel and centre-punch all holes then drill holes according to size shown. Mount clips as shown in sketch below:



NOTE: Insert MYERS TUBES in clips RED END UP.

OPERATING DATA	DRY BATTERY	UNIVERSAL	HI-MU
Filament Voltage	2.5	3.5 to 4	4.5 to 5
Plate Voltage (dect.)	22 to 45 V	22 to 45 V	22 to 45 V
Plate Voltage (amp.)	45 to 300 V	45 to 300 V	45 to 300 V
*Rheostat Resistance	30 Ohms	20 Ohms	20 Ohms
Grid Bias Voltage	B-45	2 to 3	2 to 3
	B-90	3 to 4	3 to 4
	B-135	5 to 6	5 to 6
Grid Condenser	.00025	.00025	.00025
Grid Leak	2 meg.	2 meg.	2 meg.

*Above values of resistance apply to separate rheostat on each tube.

CHARACTERISTICS:

The grid and plate leads of MYERS TUBES extend from opposite ends of the tube. This is an exclusive feature in their design. By this method of construction, tube capacity is greatly reduced and amplification increased. It will be found, for this reason, that the efficiency of MYERS TUBES greatly exceeds that of the "bulbous" or incandescent lamp type of tube.

MYERS TUBES are of the high vacuum type and designed for use as either detector, amplifier or oscillator and as will be noted above, are made in three types: the Dry Battery Tube, suitable for operation on two cells of dry battery; the Universal Tube, for operation on three cells of dry batteries or a 4 volt storage battery and the Hi-Mu Tube, requiring approximately, the same voltage as the Universal Tube. The amplification factor of the Hi-Mu Tube is higher than that of the Universal or Dry Battery Tube and the amplification of the Universal Tube is somewhat higher than that of the Dry Battery Tube.

The filament of these tubes should always be operated at the lowest temperature which will give satisfactory results and precaution must be taken that the rheostats are of proper value so that excessive voltage may not be applied to the filament terminals.

GREAT CARE SHOULD BE TAKEN TO PREVENT PLATE VOLTAGE FROM BEING APPLIED ACCIDENTALLY TO THE FILAMENT. IT IS ALWAYS WELL TO REMOVE THE TUBES FROM THE CLIPS WHEN MAKING ANY CHANGES IN CONNECTION, IN ORDER TO AVOID THE ABOVE.

DETECTOR:

When a tube is used as a detector, it is usually preferable to connect the grid return to the positive side of the filament. The value of grid leak and condenser is given above.

AMPLIFIER:

When a tube is used as an amplifier, the filament rheostat should be placed on the negative side of the battery and the return lead from the grid circuit should be connected to the negative side of the battery and not the negative side of the filament.

It will be noted that MYERS TUBES may be operated with exceedingly high plate voltages, due to their special construction.

Myers Tubes

Practically Unbreakable



Manufactured by

F. B. Myers Co. Ltd.

Radio Vacuum Tubes

MONTREAL, - - - - CANADA