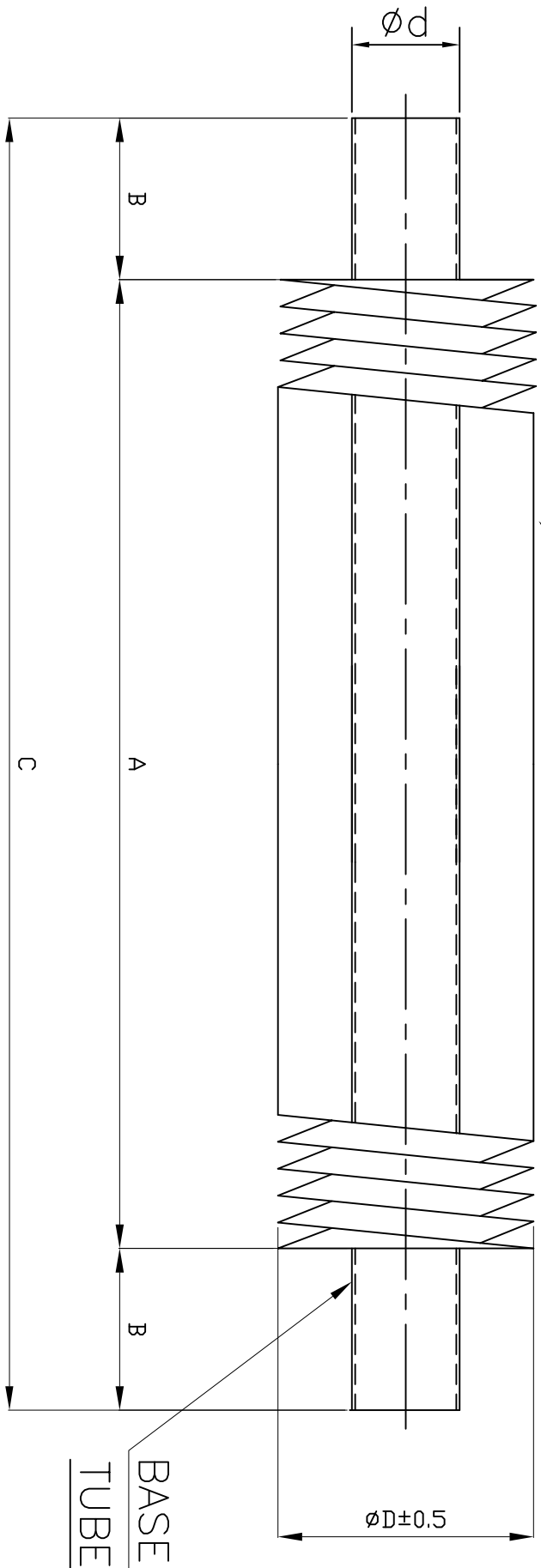


[illegible]

FOR NO. OF FINS PER METER AND
FIN THICKNESS REFER TABLE

NOTES :-

1. TUBE MATERIAL :-
(i) 90 / 10 CUPRO NICKEL TO AA12130 IN BRIGHT ANNEALED CONDITION.
(ii) FULL LENGTH SHALL BE BRIGHT ANNEALED CONDITION SUITABLE FOR EXPANSION AT BOTH ENDS.
2. CONDITION OF BASE TUBE :-
(i) FIN MATERIAL :-
(a) COPPER FIN AS PER IS-1897 & IS-191 (ETP GRADE) HAVING CONDUCTIVITY 97% IACS (MIN.).
(b) SOLDER TO IS 183 GRADE Sn60
(c) TESTING :- FOLLOWING TESTS ARE TO BE CONDUCTED ON TUBES AS PER AA12130
3. BASE TUBE :-
(i) MECHANICAL AND CHEMICAL
(ii) HYDROSTATIC AND EDDY CURRENT TEST BEFORE WINDING AS PER AA12130.
(iii) MERCURIUS NITRATE AND MICROSCOPIC EXAMINATION.
4. FIN :-
(i) CONDUCTIVITY & PURITY TEST.
5. HYD. TEST :-
(i) FINAL HYDROSTATIC TEST AS PER CHART.
6. TEST CERTIFICATES :-
(i) 6 COPIES OF EACH FOR ABOVE TESTS.
7. GENERAL :-
(i) WINDING & ENDS ARE TO BE FIRMLY SECURED WITH THE TUBE TO GIVE EFFECTIVE HEAT TRANSFER AND WITHSTAND TRANSPORT AND OPERATIONAL HAZARDS.
(ii) INSPECTION :-
(a) FOR DETAIL QUALITY REQUIREMENTS, REFER BHEL STANDARD QAP CDE-08-2706.
(b) TUBES ARE TO BE INSPECTED BY CUSTOMER OR THEIR AUTHORISED REPRESENTATIVE AND SUPPLIER SHOULD PROVIDE ALL FACILITIES FOR INSPECTION AT THEIR WORKS.
8. CONDITION OF DELIVERY :-
(i) INSIDE OF TUBE IS TO BE FREE FROM CARBONEOUS MATERIAL, DUST, OIL ETC.
(ii) THE TUBES SUPPLIED SHALL BE ROUND, SMOOTH, STRAIGHT CLEAN & FREE FROM HARMFUL DEFECTS (e.g. WRINKLES, SCRAATCHES, TOOL MARKS, DENTS, ETC.).
9. THE ENDS OF TUBE TO BE SQUARE, DEBURRED AND CAPPED BEFORE DISPATCH.
10. GUARANTEE :-
(i) TUBES SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIAL, TREATMENT AND WORKMANSHIP FOR A PERIOD MONTHS AFTER DESPATCH OR 12 MONTHS AFTER ACTUAL USE IN OUR EQUIPMENT WHICH EVER IS EARLIER.
11. PACKING & MARKING :-
(i) THE TUBES SHALL BE SUITABLY PACKED TO AVOID MOVEMENTS AND RUBBING.
(ii) THE CONSIGNMENT SHOULD BE ENDORSED WITH TUBES FOR COOLER AND P.O. NO.

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