

RoofTech Double Tube Holder V2A

Data Sheet and Installation Instructions



In regions with large snow masses to be expected, on objects with steep roof slopes or also in front of solar systems, an extra high snow guard is necessary and often locally prescribed. The RoofTech Double-Tube holder, made of 3mm stainless steel, will be fixed on two S-5! Mini-Clamps and common 32/2mm-tubes will be sliding into the tube holder. The assembly is simple and the lower pipe lies optimally directly on the seam. The upper tube is up to 16cm above the seam, depending on the type of profile.



E-Mini
VPE: 90 St.



S-Mini
VPE: 50 St.



Z-Mini
VPE: 50 St.



N-Mini
VPE: 50 St.



N1.5-Mini
VPE: 40 St.



B-Mini
VPE: 40 St.

The RoofTech double tube holder made of stainless steel can be mounted on all Mini clamps of S-5!. It is therefore suitable for all common types of seams and materials.

Also on copper double folded seams.

Installation:

- Loosely pre-assemble the Double-Tube Holder with the M8 stainless steel screws through the slotted holes on two S-5! Mini clamps suitable for the seam type.
- Position the Double-Tube Holders with the S-5! Mini clamps correctly on the seam.
- Insert commercially available 32/2 mm tubes through the two holes and align the snow guard row.
- The set screws of the S-5! Mini clamps must be tightened according to the mounting instructions of the S-5! clamps to the seam with a tightening force of 15-17 Nm. Some types of profiles and clamps cannot be mounted on the clips or holders. Please note also the installation instructions of the S-5! Clamp you use.
- Tighten the M8 stainless steel screws with 30 Nm onto the thread of the S-5! Mini-Clamps to tighten the Double-Tube Holder! Finally fix the S-5! Mini clamps at the seam according their installation instructions.
- To prevent lateral displacement, each tube must be fixed to one of the Double-Tube holders with a screw through the screw lugs of the Double-Tube holder.
- Between the pipes (recommended length max. 3m) in a row, a sufficient distance must be provided for the thermally induced length change of the pipes.
- In order to prevent ice or snow plates from slipping off, **additional ice stoppers** (1 to 2 per share, spacing 30cm) should be fitted between the lower pipe and the roof skin (available as an accessory).

General Notes:

Installation with our products should only be carried out by specialists and specialist companies with qualifications for the respective installation and with experience in working on roofs. During installation, the warranties of all trades and the roof as well as the regulations for work on roofs (e.g. the use of fall protection, safety catches from an eaves height of 3m, accident prevention, building regulations, etc.) must be observed.

In the event of non-observance of our installation instructions, when installing or assembling our products with components of the competition and when using and combining further components that were not purchased from us, we shall not accept any liability for any resulting defects and damage. The warranty is excluded in this respect.

Please follow local legal and official requirements for snow retention! Depending on the roof pitch, height above sea level or snowiness, suitable snow guard systems are prescribed and must be calculated and designed professionally. With the snow guard system, the push effect of the snow lying on the roof is to be prevented by one or more rows of snow guards covering the entire area. The decision on the dimension and design of a snow guard system depends on the use and location of the building, and responsible therefor is always the owner of the building. In case of doubt, a structural engineer should be consulted to determine the loads and the dimensioning of the snow guard system.

Assumption is that the determination has been made that the roof to which the snow retention and the S-5! clamps will be attached is structurally adequate. Any loads imposed on the snow retention and S-5! clamps will be transferred to the roof panels. Panel seams must have sufficient flexural strength to carry these loads. Roof panels must also be adequately attached to the building structure, and the structure must be sufficient to carry these loads. The makers and distributor of the RoofTech products and the S-5! clamps make no representations with respect to these variables. Double tube snow guard rows should only be used in conjunction with snow guard rows above them because of the leverage effect.

It is the responsibility of the user and/or installer to verify this information, or seek assistance from a qualified design or structural professional, if necessary. The user and/or installer of these parts is responsible for all necessary engineering and design to ensure the snow retention and S-5! clamps have been properly spaced and configured. Due to the many variables involved with specific products, climates, snow fall and melt phenomena, and job particulars, the manufacturer and supplier cannot and does not express any opinions as to the suitability of any RoofTech- and S-5!- assembly for any specific application and assumes no liability with respect thereto.

The suitability of our products for the intended use is checked by the planner and user himself. If technical details are not described separately, this does not release the executing company from checking in individual cases and prior clarification of a technically correct issue. As a matter of principle, RoofTech GmbH, S-5!-Metal Roof Innovations Ltd. and our producers do not accept any responsibility for the installation, suitability and applications. S-5! products are protected by international patents of Metal Roof Innovations, Ltd.

Further installation instructions and information can be found on our homepage www.rooftech.de or please request them from us.

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