

Handling instructions

Assembling of polyamide-based insulating
strips in aluminum profiles

Handling instructions

Assembling of polyamide-based insulating strips in aluminum profiles

The insulating strips are usually assembled as follows:

1. Room temperature

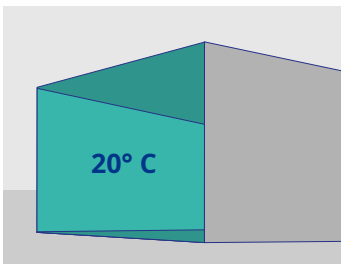
Assembly should be performed in a production hall at room temperature under standard climatic conditions. Before assembly, ensure that the insulating strips have also attained room temperature (refer also to handling instructions on "Storage").

2. Knurling

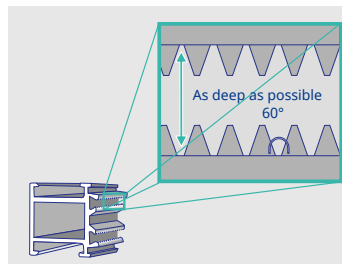
As the degree of knurling of aluminum profiles subsequently influences the shearing strength of the assembled profile, the knurling edges should be as pronounced and sharp as possible. It is essential to ensure that the insulating strips can still be inserted into the groove after knurling (also in the case of painted aluminum profiles). When knurling painted aluminum profiles, take into consideration that the paint layer may cause the opening of the groove to be smaller.

3. Assembling

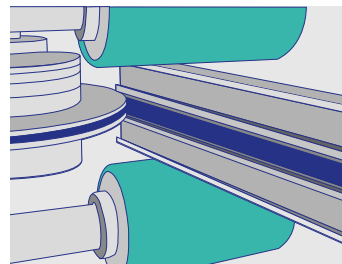
The rolling-in machine must be adjusted for the geometry involved. Parallel guidance of the aluminum profiles should be ensured, if necessary by using supporting rollers. The hammer must penetrate the head of the insulating strip.



1. Ideal room temperature



2. Close-up view of a knurling



3. Assembling process