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SHELF LABEL FLAG

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SHELF LABEL FLAG

Technical task:

The flag currently consists of several parts. On the one hand it consists of a galvanized sheet metal and on the other hand of FM clamp holder screws.

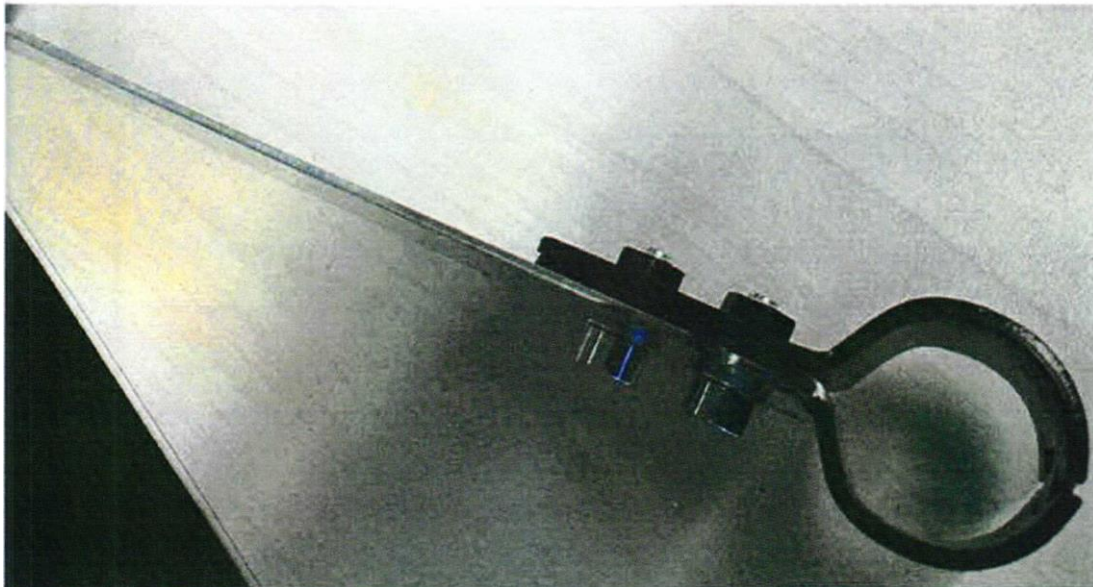


Figure 1

Initial situation:

The disadvantage in this production lies in the complexity of the production setup and in the undefined height setting. In addition, the screws are mounted in such a way that they can come loose.

Solution:

The solution idea is that the flag is made of plastic in one piece. A groove in the sleeve provides the transition from the sleeve to the flag in the form of a stability radius. Optionally, this can also be manufactured in a honeycomb structure. The sleeve is either radially thickened at one end or closed by a cover.

Advantages:

- Simple production,
- lower weight,
- better storage,
- Protection against twisting by groove,
- Height adjustment by thickening or cover
- Technical implementation

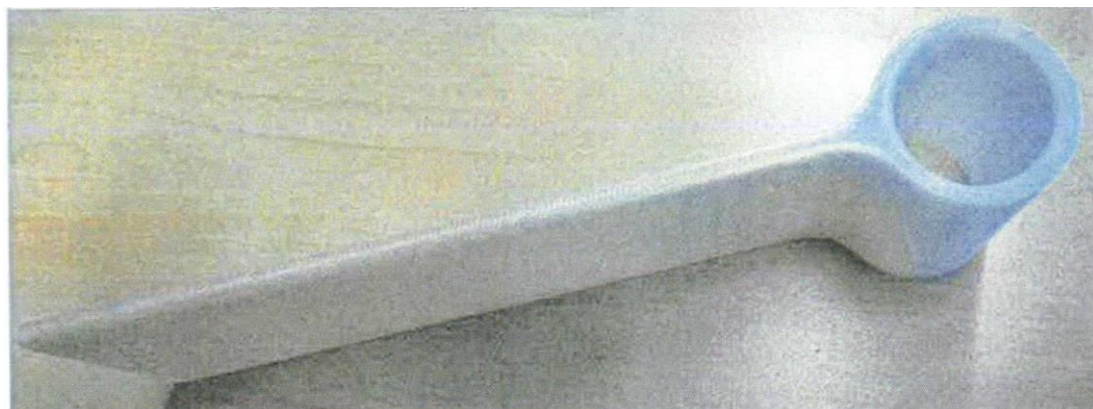


Figure 2: Additive manufacturing, 3D, injection moulding