

General guidelines

Economic aspects

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1 - Mould design should find a good balance between mould complexity and subsequent secondary operations must be sought. The larger the lot size, the higher complexity in the mould to avoid expensive secondary operations on a large production.

2 - Use common alloys, reduce the thickness, and use cores to minimise materials cost.

3 - Useless overspecification, especially on tolerances, increases part cost without actual value in the application.

4 - Reduce sintering cost, that is usually a significant fraction of the cost as the equipment is expensive, sintering supports should be used only when it is impossible to modify the design of the part.