

Draft Angle

From Engineering Dictionary

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English: Draft Angle

Inclination of making molded article from mold easiness to take applied to cavity and core of mold It decides by the presence etc of the material, the molded article shape, and the etching processing (.part surface a few.. process it by making the bleaching passing surface) though $1-2^\circ$ is usually needed. The cavity side as possible is as small because melted plastic causes the post forming and mold shrinkage in the injection molding and core (core) side greatly applies the draft angle. The ejector worsens because clinging on core side to the type ejector. often strengthens because crystalline plastics mold shrinkage factor is large, and it shrinks internally of the type on the cavity side. Therefore, when the draft angle is applied, the draft angle is applied noting clinging to core side. Because the amorphous plastic is small the mold shrinkage factor, and doesn't shrink from the type to the inside so much, the draft angle on the cavity side is enlarged a little as well as core side.

