

When we quote a tool we are asking for the whole overall technical information available because a same tool can be manufactured with "x" cost or "2x" cost factor and solutions depending input parameters given.

To that end it is necessary to define precisely all the following items in order to print a dedicated correct offer in a technical and commercial points of view.

- Does it exist 3D part model, plastic part sample or 2D drawing?
- Part draft is OK? Part thickness OK?
- Is it an existing copy tool?
- How many shots are foreseen? Mould life?
- How many cavities are calculated?
- Injection technology requested? 2K, 3K, gas assist? Etc.?
- Which kind of steel are requested for cavities, A,B plates and bolster?
- Special coating needed?
- Cavities could be machined directly in steel?
- Is it necessary to proceed with complete MOLDFLOW analysis?
- How did the customer want to inject? Direct on the part? Sub gate? Cold runner to be cut after?
 - Hot bush, hot runner (brand?) cold runner?
 - Tool standard to be applied? Inside, outside the tool? Special fixtures to be considered? Restrictions?
- Cavity finishing? Texturing? As machined? Aesthetical part etc.? Special references to be engraved?
 - Trials? How many shots needed? Where? Samples dispatch?
 - Injection machine details? Clamping force etc.?
 - Plastic material? Coloured?
 - Shrinkage if known?
 - Target cycle time?
 - Dimensional report?
 - Capacity study needed, CpK?
- Function of the part? Does it exist areas where it is not possible to have ejector marks? Authorized marks?
 - Parting line?
 - Ejection type needed versus injection machine?