

## A.10 Initial Sample Documentation (Submittal Phases)

| No. | Specification                                                                                                            | Series | Proto-<br>types | Catalogu<br>e- / DIN-<br>Teile |
|-----|--------------------------------------------------------------------------------------------------------------------------|--------|-----------------|--------------------------------|
| 1   | Design-Engineering Documentation<br>(customer drawing with complete numbering of all characteristics and specifications) | x      | x               | x                              |
| 2   | Dimensional Measurement Results                                                                                          | x      | x               | -                              |
| 3   | Sample Parts **)                                                                                                         | x      | x               | x                              |
| 4   | Materials Inspection Report (if applicable hardness test + micrograph)                                                   | x      | x               | -                              |
| 5   | Production Flow Chart                                                                                                    | x      | x               | x                              |
| 6   | Control Plan                                                                                                             | x      | x               | x                              |
| 7   | Process-FMEA                                                                                                             | o      | -               | o                              |
| 8   | Construction-FMEA<br>(in case of development responsibility)                                                             | x      | x               | -                              |
| 9   | Results of Functional and / or Endurance Test                                                                            | x      | x               | -                              |
| 10  | Proof of Process Capability                                                                                              | x      | -               | x                              |
| 11  | Proof of Measuring and Test Equipment Capability (GR&R Studies)                                                          | x      | -               | x                              |
| 12  | Confirmation of Parts Submittal (Initial Sample Cover Sheet)                                                             | x      | x               | -                              |
| 13  | Sampling Status of Individual Parts<br>(for suppliers of components and / or products)                                   | x      | x               | x*                             |
| 14  | Parts History                                                                                                            | x      | x               | x                              |
| 15  | Plan for Endurance Test accompanying Serial Production *)                                                                | x      | -               | x                              |
| 16  | Substance of Content in Purchased Parts (if applicable EU Safety Data Sheet, REACH Conformity, Conflict Minerals)        | x      | x               | x*                             |
| 17  | IMDS-Data input (declare IMDS-No., also for prototypes)                                                                  | x      | x               | x                              |
| 18  | Certificates / Certificates of Conformity *)                                                                             | x      | -               | x                              |
| 19  | Results of Acoustic Measurements *)                                                                                      | x      | x               | x*                             |
| 20  | Proof of Process Series Capacity / Performance Test                                                                      | x      |                 |                                |
| 21  | Photographs of Tools                                                                                                     | x*     |                 |                                |
| 22  | Photographs of Die Casted Parts (Porosities) / X-Ray or CT-Photos                                                        | x*     |                 |                                |
| 23  | Results of Technical Cleanliness                                                                                         | x*     |                 |                                |
| 24  | Results of Fill-Test and Simulations for Die Casting Parts                                                               | x*     |                 |                                |

x = Documents must be submitted with the Initial Sample Application

o = Documents / parts must be archived and made available to MPT for inspection, FMEA cover sheet must be sent to MPT

\*) = If required

\*\*) = 5 parts if not otherwise specified in the order form. The measurement results must be able to (must match) the corresponding sample parts.