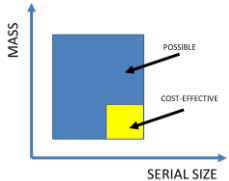


DFMA FORM 3	DFMA COMPARISON OF DIFFERENT MANUFACTURING PROCESSES
Analyzed product (or geometry):	
Reference documents:	
Evaluated basic manufacturing process:	
Evaluated advanced process:	
Written by: _____	Page 1/ ____
Date: _____	
Evaluation criteria	Results
1. What are the facts which support the use of the intended manufacturing process?	- - -
2. What are the facts which limit the use of the intended manufacturing process?	- - -
3. What is the best expected manufacturing accuracy?	IT-grade: _____ Ra: _____ Other: _____
4. What aspects affect the most the manufacturing costs (due to the process itself)?	- - -
5. What are the key process and control parameters to be adjusted to ensure proper manufacturing?	- - -
6. Are there any standards available which support easy implementation and quality control of the process?	ISO: _____ EN: _____ SFS: _____
7. Evaluate the options to utilize mechanization, automatization or robotization to increase productivity:	Mechanization : ☺ ☹ ☹ Automatization: ☺ ☹ ☹ Robotization: ☺ ☹ ☹
8. What are the typical work piece size and number of items required for cost-effective serial production?	
9. Are there any other specialized manufacturing processes developed especially for the constructional material used in the analyzed component?	
10. Are there any hybrid methods available based on the basic manufacturing process?	
11. Evaluate the viewpoint of local and global manufacturing if the intended process is utilized:	
12. What comparison viewpoints were based on numerical (or otherwise objective) criteria?	- - -
13. Overall evaluation of the suitability of the intended manufacturing process:	