

Design for Assembly (DFA) Checklist

Use this professional checklist to evaluate product design for assembly efficiency, cost reduction, and quality improvement. Suitable for audits, training, and supplier evaluation.

No.	DFA Checklist Item	Yes / No	Remarks
1	Is part count minimized?		
2	Are standard components used?		
3	Are parts easy to handle and assemble?		
4	Are parts self-aligning?		
5	Is symmetry considered to avoid errors?		
6	Are fasteners minimized or eliminated?		
7	Is assembly direction simplified (top-down)?		
8	Is reorientation avoided?		
9	Are mistake-proofing (Poka-Yoke) methods used?		
10	Is assembly time minimized?		
11	Is modular design used?		
12	Are parts easily accessible?		
13	Is automation feasible?		
14	Are unnecessary parts eliminated?		
15	Is design suitable for mass production?		