

DESIGN FOR MANUFACTURE

Concepts of Design for manufacture; Relating product requirements with capabilities and limitations of processes of manufacture like casting, forging, rolling, extrusion, sheet metal forming, shearing and machining. Computer aided process oriented design for manufacturing of castings, forgings process tool components, machined components and tooling.

References:

1. Fundamentals of Process Engineering by V. Kovan - Foreign Languages Publishing House
2. Handbook of Product Design for Manufacturing by J.G. Bralla - McGraw Hill