

Preface

The principle of metal cutting processes is utilized for shaping engineering materials shaping into real component/part manufacturing using machine tools and cutting tools. Accurate geometry of cutting tools plays a significant role in achieving machinability with superior surface quality and better dimensional accuracy. The book describes the conventional metal cutting processes such as turning, taper turning, milling, shaper, grinding, drilling, and other conventional machining problems and solutions with graphical representation. Each chapter is followed by several problems and questions that will help the reader significantly understand the formulas and calculations of machining responses.

