

Educational Lab Equipments





Product Code . EL-TOMLE-11870

Generation of Involute Gear Tooth Profile

Description

Generation of Involute Gear Tooth Profile

This board illustrates the process of cutting of involutes Gear Teeth, by use of rack type cutter.

A gear tooth profile with module 25mm can be traced out on a peace of paper placed between disc and cutter.

It consists of 3 white acrylic discs A, B, C. having pitch circle diameter 450 mm, 300 mm & 200 mm respectively.

An affect of Interference and Undercutting on correct profile of gear tooth can be studied from the profiles traced.

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