

Product Code . JL-TOMLE-10019

Grinder Tool



Description

Grinder Tool

This is a simple set up to study the various forces resolved during grinding operation, designed by sharp techno system for demonstration purpose for the students undergoing tool design study.

This unit works on octagonal ring method using strain gauge as a sensor.

A two channel digital force indicator facilitates to measure both forces simultaneously.

Features:-

Rigid in construction & compact unit.

Assessment of cutting forces by giving due consideration to various parameters like depth of cut, material, speed and feed.

Easy in handling & Digital force indicators to measure two forces simultaneously.

Specifications:-

Mechanical sensing unit with two octagonal rings and strain gauges.

Two channel digital force indicator with balancing potentiometers and polycarbonate front plate.

Range of force measurement in coordinate direction – 0 to 200 kg.

Overall size of mechanical unit – 300 x 300 mm.

Service Required:-

Necessary surface grinding machine.

230 volts, single phase, 50 Hz stabilized power supply.

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