



Product Name:

Grinder Tool

Product Code: TVETTH37012



Description:

Grinder Tool

Technical Specification:

This 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 desing study.

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

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

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.
Eassy in handling & Digital force indicators to measure two forces simultaneously.
Specifications:-
Mechanical sencing 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.
Over all 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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