

Product Name :

Milling Tool

Product Code :

TVETTH37011

**Description :**

Milling Tool

Technical Specification :

This is a simple and easy to understand set up introduced by sharp technology systems to study the behavior of cutting forces during milling operation in three directions.

With this unit students can evaluate cutting depth, speed and feed.

It is in two parts: one mechanical ring sandwiched between two M.S. plates with strain gauges fixed on it.

The unit works on the standard method of octagonal ring with strain gauges.

This set of octagonal rings transmits the relevant data to the force indicator during milling operation.

Features:-

Rigid construction & Compact Unit.

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

Eassy in handling & Digital force indicators to measure three forces simuleniously.

Specifications:-

Mechanical sensing unit with set of octagonal rings and strain gauges.

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

Range of force measurement in coordinate direction:- 0 to 500 kg.

Over all size of mechanical unit- 300 x 300 mm.

Service Required:-

Necessary Milling Machine with automatic feed arrangement and tooling

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



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