## TECHNOLOGY TRANSFER

### **Interest Exploratory Note**



# **Precision Tapping Attachment**

Space Applications Centre of Indian Space Research Organization at Ahmedabad has developed a Precision Tapping Attachment which is much useful for precision tapping in mechanical packages. This attachment is useful for tapping of highly precise M1.2 screws and onwards with accuracy.

### **Salient Features**

- 1. Useful for highly precise M1.2 screws and onwards with accuracy.
- 2. To ensure for perfect and precise tapping with perpendicularity.
- 3. Ensuring tapping up to proper depth.
- 4. No jamming or breaking of tapping tool.
- 5. Even unskilled worker can also use it.
- 6. Increasing in productivity

#### **Technical Specifications**

Tapping Capacity	:	Starting form highly precise M1.2
Overall Size	:	345 mm x 300mm x 330 mm height
Swiveling of arm	:	360°
Vertical Adjustment	:	Easily possible up to 300 mm
Horizontal Adjustment	:	In range of 50 mm, Maximum Distance 215 mm

Tapping Operation	: Manually
Overall Weight	: 9 kg
Tools	: Standard tools can be used
Extension	: Extendable for Helicoil insertion

Helicoil insertion and semi automation for vertical feed and lubrication

Department of Space has authorised NSIL for Technology Transfer of Precision Tapping Attachment to suitable entrepreneurs/ Industry in India. Interested Parties may please fill the enclosed form and send by email to contact-nsil@isro.gov.in