

# Elscint Automation

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## Case Study – Feeding of variety of Stud Bolts in head down orientation / position

**Industry - Fastener Industry**

### Requirements -

1. Feeding of Studs bolts in head down orientation / position
2. To be accommodated in a single bowl feeder with simple changeover tooling
3. High speed of ranging from 80 pieces per minute to 300 pieces per minute

**Orientation – Head down**

### Accessories provided –

1. Gravity Chute
2. Auto Switch On / Off
3. Elscinthane PU coating

**Vibrator Model – Model 400**

### Description -

Usually, stud bolts are fed in head up or axial position through a vibratory bowl feeder. However, Elscint has developed a special vibratory bowl feeder which feeds the stud bolts in head down position i.e. the Stem is up. A wide range of Stud Bolts are also possible to be fed in the same bowl with slight changeover tooling. Very high feed rates ranging from 80 pieces per minute to 300 pieces per minute are possible again depending upon the size of the Stud Bolts.

### Further operation -

The Studs are then fed to a thread rolling machine or any other machine.

