Plain Milling Fixture

- Work pieces of complicated shapes can be easily machined
- Special adjustments can be provided
- Drawback – Only one can be done at a time

String Milling Fixture

Two factors should be considered:
1. How many workpieces will accommodate in a row
2. Bringing workpieces as close as possible
Gang Milling Machine

- Used to hold more than one workpiece at the same time
- Fixtures should be highly rigid
- More space should be given for swarf disposal
- When work pieces are two it is called straddle milling fixture
Vacuum Chucks

- For machining non-ferrous and non-magnetic parts
- Material should be non-porous
- Magnetic and vacuum chucks are economical.
- Vacuum can be controlled using vacuum pump
Planing Fixtures

- Planing fixtures are mainly used for Fixing work on planer table.
STANDARD CLAMPING DEVICES

For holding the work on a planer table, different standard clamping devices are used.

- ADJUSTABLE SCREW STOP
- COMPRESSIVE CLAMP
- INCLINED SCREW FOR T-SLOT
- HOLDING STRAP
- END STOP PIN