Quick Change Clamping Systems

Guaranteed to increase your productivity

Fixtures & Vises

another exceptional automation from FAR
FAR ZERO POINT CLAMPING SYSTEMS

Job-Clamping on Machines involves two very critical functions:
1. Accurate Positioning of the Component
2. Rigid clamping of the Job.

The make both these Clamping requirements in a single swift reliable operation. Hence, up to a 90% saving is possible on Job setting and loading times.

FAR ZPC System Specifications

- 90% Machine uptime

FAR ZP-10
- BASE MOUNTED AND FLANGE MOUNTED CLAMPING MODELS
- Easily suitable for manual and automatic loading/unloading of machines.
- Upto 90% saving on Machine set-up time.
- Very versatile. Can be used for an innumerable range of applications on a wide range of machines.
- Reduction of rejection from better control of the loading process.
- Suitable for controlling multiple machines.
- Tremendous saving in trained and costly manpower.
- Big saving in Machine cycle time due to reduced tool changes.
- High repeatability <0.005

Some of the Salient Features

- **PULL STUD**
  - The PULL STUD is the interface between the machine table and the workpiece or fixture. It ensures exact positioning and secure clamping.

**BASE MOUNTED**
- Hydraulic opening
- Opening pr. 50 to 60 bar
- Locking force 20KN
- Holding force 50KN
- Repeatability <0.005

**FLANGE MOUNTED**
- Hydraulic opening
- Opening pr. 15 to 20 bar
- Locking force 10KN
- Holding force 20KN
- Repeatability <0.005

**DOUBLE CLAMPING STATION**
- Model no. 10.2ZP-10
- Hydraulic opening
- Opening pr. 15 to 20 bar
- Locking force 2x 10KN
- Holding force 2x 20KN
- Repeatability <0.005

90% Machine uptime
Job-Clamping on Machines involves two very critical functions

1. Accurate Positioning of the Component
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The FAR ZPC System make both these Clamping requirements in a Single Swift reliable operation. Hence upto a 90% saving is possible on Job setting and loading times.

Some of the Salient Features

- Easily suitable for manual and automatic Loading / Unloading of Machines.
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- Reduction of rejection from better control of the Loading process
- Suitable for controlling Multiple Machines
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- Big saving in Machine cycle time due to reduced Tool changes.
- High repeatability <0.005

Specifications

BASE MOUNTED AND FLANGE MOUNTED CLAMPING MODELS

**BASE MOUNTED**
Model no. ZP-20
- Hydraulic opening
- Opening pr. 50 to 60 bar
- Locking force 20KN
- Holding force 50KN
- Repeatability <0.005

**FLANGE MOUNTED**
Model no. ZP-10
- Hydraulic opening
- Opening pr. 15 to 20 bar
- Locking force 10KN
- Holding force 20KN
- Repeatability <0.005

**DOUBLE CLAMPING STATION**
Model no. ZP-10.2
- Hydraulic opening
- Opening pr. 15 to 20 bar
- Locking force 2x10KN
- Holding force 2x20KN
- Repeatability <0.005

**PULL STUD**
The PULL STUD is the interface between the machine table and the work piece or fixture. It ensure exact positioning and secure clamping.
# Quick Change Clamping System

## Modular Multiple Vise

![Modular Multiple Vise Image]

<table>
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<th>Model no.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>P</th>
<th>Kg.</th>
<th>Clamping Force 3000kgf</th>
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![Diagram of Modular Multiple Vise]