



# Hydraulic Production Vises

## Technical Specifications

**Hydraulic Clamping Stroke:** 1/4" (6.3 mm)  
**Operating Volume:** 0.4 Cu In (6.7 cm<sup>3</sup>)  
**Maximum Input Pressure:** 4000 PSI (275 bar)  
**Minimum Input Pressure:** 500 PSI (35 bar)  
**Input Port:** #4 SAE (7/16-20 UNF-2B)

**Clamping Force (lbs) = Input Pressure x 1.19**  
**Clamping Force (kgs) = Input Pressure Bars x 7.67**

## Operation

Using the Jergens Hydraulic Vise handle part number **49445**, tighten vise jaws so the workpieces touch the fixed jaw. Next, turn the handle back 2-3 turns and activate the hydraulic cylinder. Handle included with vise.

**Note:** Only use the Jergens Hydraulic Vise Handle Part No. **49445** for adjustment purposes, do not use to operate vise.

## Clamping Force

| Input Pressure |      | Clamping Force |       |
|----------------|------|----------------|-------|
| PSI            | Bars | Lbs            | Kgs   |
| 500            | 35   | 595            | 268   |
| 1000           | 70   | 1190           | 537   |
| 2000           | 140  | 2380           | 1075  |
| 3000           | 210  | 3570           | 1612  |
| 4000           | 275* | 4760*          | 2110* |

\*Recommended Maximum

