



**Rockford
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Metal Stampings, Assemblies, Casework Hardware

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Work Station Bracket Strength Test Statement

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An independent engineering firm tested all eight sizes of work station brackets sold by Rockford Process Control for support strength. The brackets were tested individually rather than in pairs due to the inability to control the substrate they will be fastened to or the method of fastening. Furthermore testing in pairs presupposes there is a shelf involved, spacing of the brackets and the strength of the shelf play into the support dynamic that was beyond the control of the engineering firm and Rockford Process Control. The testing only relates to the strength of an individual freestanding bracket.

The engineering firm completed the test with a load applied to each specimen bracket affixed to a testing fixture with both the long and short side acting as the support arm in separate tests. A certified load cell and monitor supplied by Cream City Scale was used to measure the results.

A load was applied to each of the specimens until bending occurred in the sample, as the samples did not crack or break, the failure mechanism was ductile in nature, the load up to deformation for each specimen was recorded.

The results for all eight sizes tested from the 5"x8" to the 24"x29" brackets ranged from 900 lbs. – Load to Deformation to 1,600 lbs. – Load to Deformation.

Detailed test data is available.

Disclaimer: This strength Test is offered for informational purposes only. Rockford Process Control does not make any warranty, expressed or implied, or assume any legal liability or responsibility for the accuracy, completeness or usefulness of any test results relating to the strength of the work station brackets. The test results relate to specimen brackets chosen at random. Rockford Process Control offers no guarantee that all brackets will perform as the specimens. Rockford Process Control also does not guarantee the work station brackets will perform as indicated by the strength test considering Rockford Process Control has no control over the mounting of the brackets or other conditions under which work station brackets may be used.