

CYLINDRICAL / SQUARE MOUNTINGS • TO 14.5 lbf



FOR COMPRESSION LOADS OF 6.8 TO 14.5 lbf
SHEAR LOADS OF 2.8 TO 7.3 lbf

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

> MATERIAL:

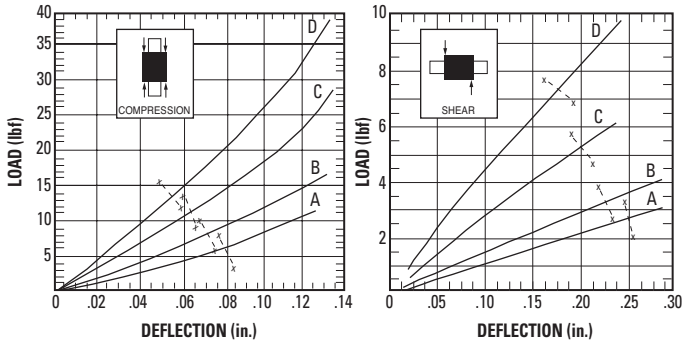
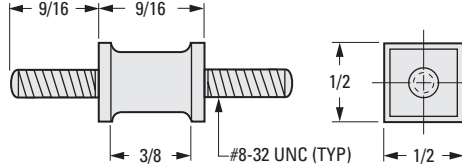
Fastener - Steel, Zinc Plated
Isolator - Natural Rubber

> NOTE:

Maximum unthreaded portion of stud does not exceed 1/16 inch.

> LOAD DEFLECTION GRAPHS:

Deflections below the line x-x are considered safe practice for static loads; data above that line are useful for calculating deflections under dynamic loads.



INCH COMPONENT CATALOG NUMBER

A 10 Z 1 - 323

Load Rating
A, B, C or D

| Compression | | Forcing Frequency in Cycles per Minute | | | | | | | |
|-------------|------------------|--|------|------|------|------|------|------|------|
| Load Rating | Maximum Load lbf | 950 | 1100 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 |
| | | Minimum Load for 81% Isolation (lbf) | | | | | | | |
| A | 6.8 | — | — | — | — | 5.5 | 3.8 | 3.0 | 2.5 |
| B | 8.5 | — | — | — | — | 8.0 | 6.0 | 4.5 | 3.5 |
| C | 12.0 | — | — | — | — | — | 10.1 | 8.5 | 6.5 |
| D | 14.5 | — | — | — | — | — | 14.5 | 11.5 | 9.0 |

| Shear | | Forcing Frequency in Cycles per Minute | | | | | | | |
|-------------|------------------|--|------|------|------|------|------|------|------|
| Load Rating | Maximum Load lbf | 950 | 1100 | 1250 | 1500 | 1750 | 2000 | 2250 | 2500 |
| | | Minimum Load for 81% Isolation (lbf) | | | | | | | |
| A | 2.8 | 2.8 | 2.2 | 1.6 | 1.1 | .9 | .7 | * | * |
| B | 3.3 | — | 2.8 | 2.1 | 1.6 | 1.2 | .9 | * | * |
| C | 5.3 | — | 5.0 | 4.0 | 2.9 | 2.3 | 1.9 | 1.6 | * |
| D | 7.3 | — | — | 6.2 | 4.6 | 3.6 | 2.9 | 2.5 | 2.2 |

* At these forcing frequencies, lesser loads will yield less than 81% isolation.

8-17
D820

REV:
3/31/23

