



## **RUBBER PARTS CATALOG®.com**

# **SMALL INDUSTRIAL ENGINE MOUNTS**

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VIBRATION, SHOCK & MOTION CONTROL

# SOLUTIONS - FOR A WORLD IN MOTION

We offer standardized products to meet most applications. Some control problems, however, require specialized solutions such as a custom-designed mount or a combination of LORD products. Our experts in vibration and noise control can analyze your individual requirements and provide you the most effective and affordable solution ... Ask Us How.

## SURFACE EFFECT MOUNTS



Surface-Effect Mounts combine surface-effect damping principles with traditional rubber-bonded-to-metal technology. The result is a soft mount capable of providing effective damping over large deflections and a wide range of frequencies. As cab and engine mounts in on- and off-highway vehicles, Surface-Effect Mounts meet the most demanding requirements for vibration isolation and noise attenuation while controlling motion.

**Compression Load Range:** 3,115 - 6,987 N (700 - 1,570 lbs)

## CONICAL MOUNTS



LORD Conical Mounts provide effective vibration isolation and noise attenuation with a simple, robust mount design. Consistent performance, high load bearing capabilities and a choice of radial stiffness characteristics are key features of these mounts. For more demanding vibration and noise reduction requirements, LORD integrates Conical Mounts with surface-effect technology to form an advanced control solution known as Surface-Effect Systems.

**Compression Load Range:** 801 - 11,392 N (180 - 2,560 lbs)

## SANDWICH MOUNTS - FLEX-BOLT™



Efficient power transmission and driveline component durability are among powertrains designers' most important concerns. Increased durability and up-time are two characteristics demanded by purchasers of today's complex and expensive machinery. These demands can only be met with reliable, trouble-free, smooth-running powertrains free from damaging loads that compromise component life.

**Compression Load Range:** 27 - 59,808 N (6 - 13,440 lbs)

**Shear Load Range:** 4.45 - 7,476 N (1 - 1,680 lbs)

## CENTER-BONDED MOUNTS



LORD Center-Bonded Mounts isolate vibration, control shock and reduce noise due to structure borne vibrations. Available in a full range of rated load capacities and able to withstand shock loads of 10 g's, these mounts effectively protect equipment and improve operator comfort. They are ideal for automotive, marine, railroad and industrial markets.

**Compression Load Range:** 334 - 9,345 N (75 - 2,100 lbs)

## TWO-PIECE MOUNTS



LORD Two-Piece Mounts are designed for applications involving severe dynamic forces in the static load direction, as well as the rebound direction. Travel is limited in both directions by rubber in compression that provides snubbing.

**Compression Load Range:** 178 - 15,352 N (40 - 3,450 lbs)

## BINOCULAR/SPLIT MOUNTS



LORD Binocular/Split Mounts are designed for applications involving severe dynamic forces in the static load direction, as well as the rebound direction. Travel is limited in both directions by rubber in compression that provides snubbing.

**Compression Load Range:** 4,450 - 6,675 N (1,000 - 1,500 lbs)

## PLATFORM MOUNTS



LORD Platform Mounts provide effective isolation against vibration. The contour of the flexing element was developed to provide uniform stress distribution. This, plus high strength bonding and the use of specially compounded elastomers, provides maximum service life.

**Compression Load Range:** 2 N - 2,225 N (0.5 - 500 lbs)

## GROMMET ISOLATORS



LORD Grommet Isolators provide effective, economical vibration isolation for light loads. They are suitable for commercial and military applications including computers, disk drives, business machines, precision instrumentation and general industrial equipment.

**Compression Load Range:** 4 - 27 N (1 - 6 lbs)

## MACHINERY MOUNTS



LORD Machinery Mounts are designed to support heavy equipment and isolate intermittent or continuous vibration. The result is greater machine accuracy, longer service life, smoother operation and reduced maintenance. These mounts are available in four types to suit different needs.

**Compression Load Range:** 223 - 33,375 N (50 - 7,500 lbs)

## BUSHINGS



LORD Center-Bonded Bushings and Square-Bonded Bushings are used in applications where the absorption shock, attenuation of noise, reduction of wear and elimination of lubrication is required.

**Compression Load Range:** 890 - 41,385 N (200 - 9,300 lbs)



# SMALL INDUSTRIAL ENGINE MOUNTS

## VIBRATION, SHOCK & MOTION CONTROL



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“...2-cylinder, 3-cylinder and 4-cylinder gas or diesel engines...”

### Small Industrial Engine Mounts

LORD Small Industrial Engine Mounts J-20922 Series are especially designed for mounting 2-, 3- and 4-cylinder gas or diesel engines in various types of vehicles and equipment.

### Features and Benefits

- Moderately soft vertical stiffness
- Soft lateral and fore/aft stiffness
- Snubbed to limit travel in all directions
- Inter-locked metals (when assembled with washer) provide safety restraint
- Well-suited for low mounting locations
- 120-300 lb load ratings

Need pricing or current inventory?

**CALL US @ 800.657.0747**  
Ask for **Sales**

### SMALL INDUSTRIAL ENGINE MOUNTS

**LORD** VIBRATION, SHOCK & MOTION CONTROL  
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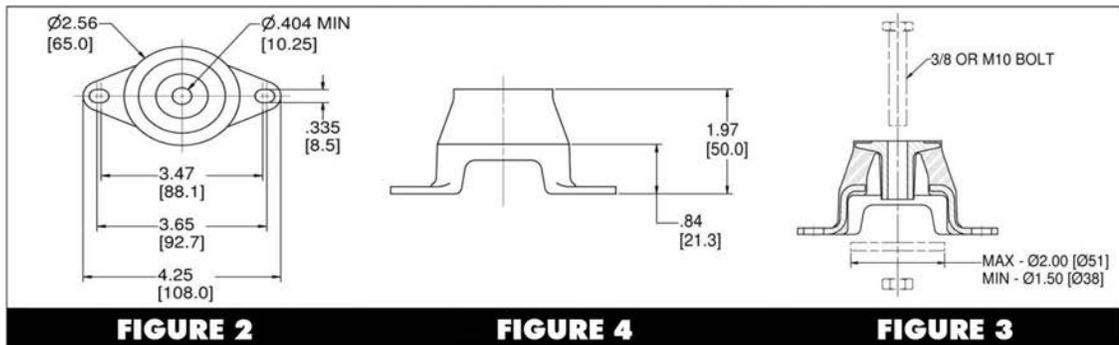
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PART DIMENSIONS



PICTURE FOR REFERENCE ONLY

SMALL INDUSTRIAL ENGINE MOUNTS - J-20922 SERIES



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SMALL INDUSTRIAL ENGINE MOUNTS

Offering thousands of **standard** industrial rubber products and **innovative** “low” and “high” tech **custom** elastomeric products.

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Phone **262.632.2345**

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# SMALL INDUSTRIAL ENGINE MOUNTS



## J-20922 SERIES

**LORD**  
AskUsHow™

**Table 1 – Load Data**

Part Number	Max. Axial Rated Load @ 0.1 in (2.5 mm) Deflection		Axial Spring Rates		Lateral Spring Rates	
	lb	N	lb/in	N/mm	lb/in	mm
J-20922-21	120	534	1200	210	200	35
J-20922-22	140	623	1400	245	250	44
J-20922-23	170	756	1700	300	300	53
J-20922-24	210	934	2100	370	360	63
J-20922-25	250	1112	2500	440	420	74
J-20922-26	300	1334	3000	550	500	90

Note: Washer part number is J-2049-3. Elastomer is natural rubber.

PICTURE FOR REFERENCE ONLY

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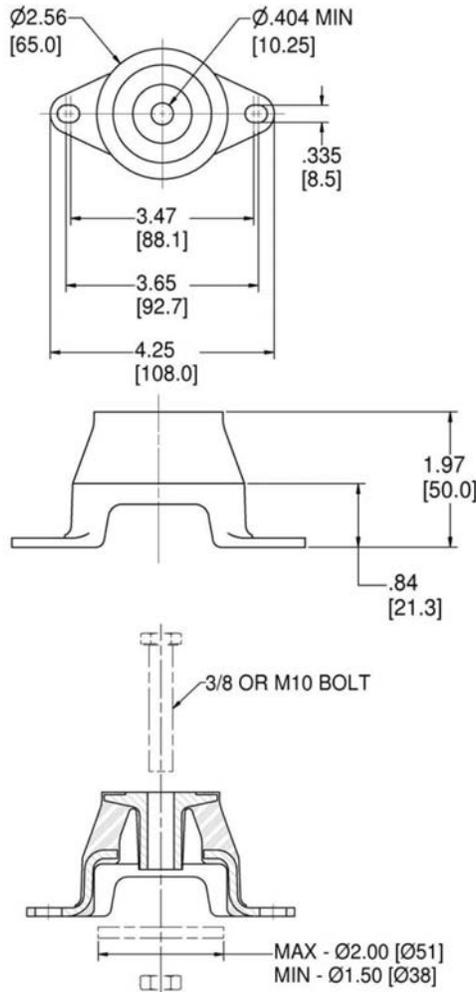


FIGURE 2

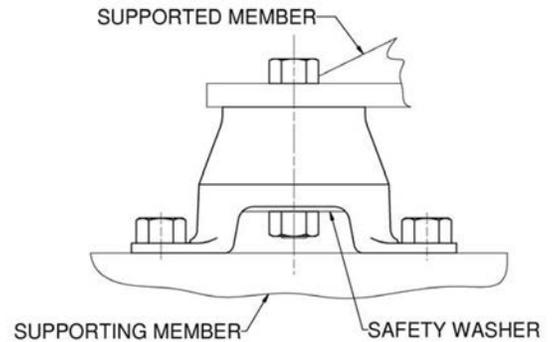
FIGURE 4

FIGURE 3



### INSTALLATION VIEW

TECHNICAL  
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SMALL INDUSTRIAL ENGINE MOUNTS - J-20922 SERIES

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## SMALL INDUSTRIAL ENGINE MOUNT SERIES

Offering thousands of **standard** industrial rubber products and **innovative "low" and "high" tech custom** elastomeric products.



# SMALL INDUSTRIAL ENGINE MOUNTS

J-20922 SERIES



## NOTES:

Lined area for notes

## ENGINEERING ASSISTANCE

Frequently vibration isolation problems require a system engineering analysis. DeltaFlex has the computer capability, as well as specialized programs, for analyzing engine/transmission combinations. The output from these analyses is a mounting proposal which optimizes performance over the complete range of operating speeds. This service is available to you upon request. If you require this type of engineering assistance please call 800.657.0747 we will be glad to assist you.

## SKETCH:

SMALL INDUSTRIAL ENGINE MOUNTS

Offering thousands of **standard** industrial rubber products and **innovative "low" and "high" tech custom** elastomeric products.

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# VIBRATION, SHOCK & MOTION CONTROL

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