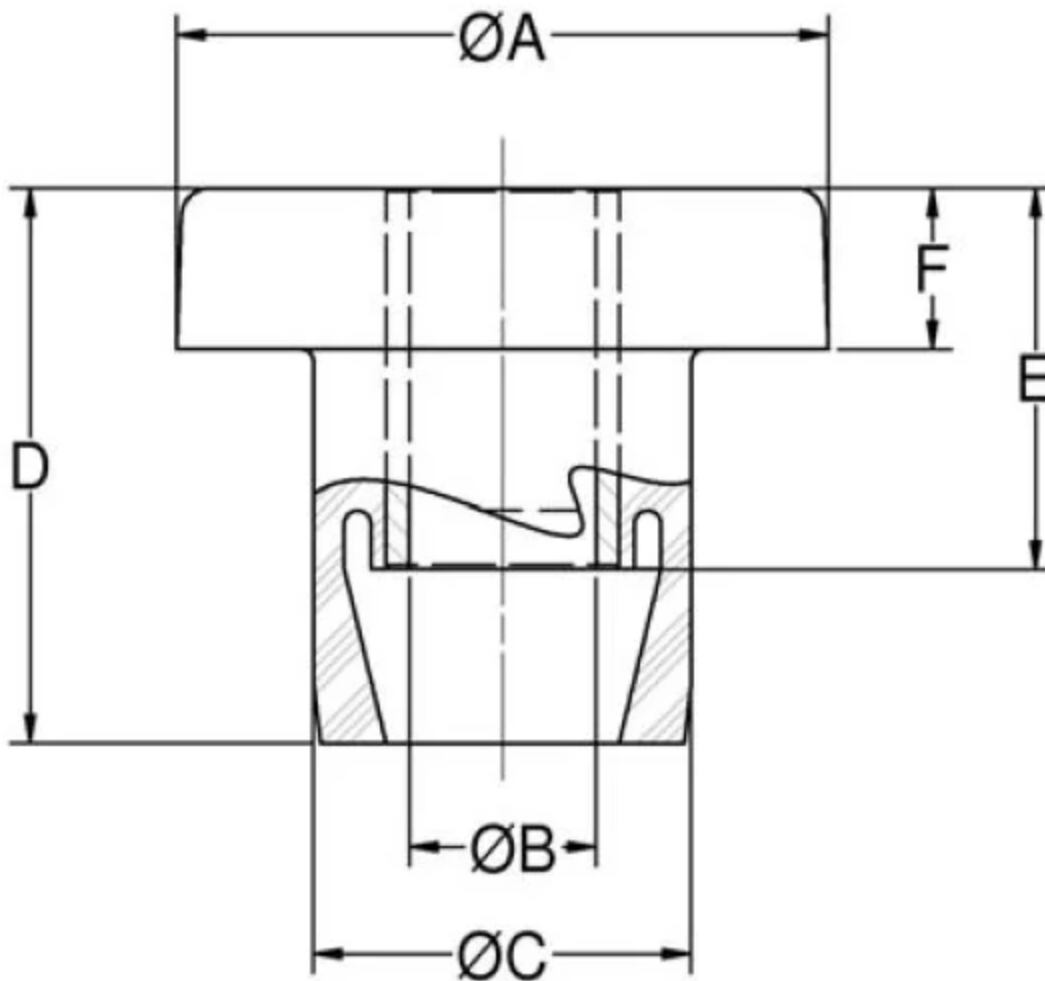


CBA12-100

in Center Bonded Mounts - CBA Series



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.

Center Bonded Mounts provide flexible suspension systems for mobile, transport-mounted or portable equipment. Typical applications include engines, cabs, fuel tanks, pumps, air

vibration isolation in all directions.

- Noise attenuation.
- Easy installation because of one-piece design.
- Low-cost installation.
- Long service life.
- Consistent performance because of permanently bonded design.
- Shock protection in all directions provided by cushioned snubbing, no metal-to-metal bottoming.
- Standard sizes available from stock.
- Space-saving size.
- Captive installation after overload failure when recommended bolt, washer and nut are used.
- Accommodate English and Metric bolts.

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Specifications

A (IN)	1 1/4
B (IN)	0.41
C (IN)	0.95
D (IN)	1.44
E (IN)	1.07
F (IN)	0.55
F (MM)	14

MATERIAL	Low Carbon Steel
I (IN)	1.5
I (MM)	38.1
RECOMMENDED BOLT SIZE (IN)	3/8
THICKNESS (IN)	0.12
THICKNESS (MM)	3
MAX. AXIAL STATIC LOAD RATING AT DEFLECTION (LBS AT IN)	100 at 0.09
MAX. AXIAL STATIC LOAD RATING AT DEFLECTION (N AT MM)	445 at 2.3
K (IN)	1.5
K (MM)	38.1
PRODUCT TYPE	Mounts
MANUFACTURER	Lord Corporation
SERIES	CBA
R (IN)	0.06
R (MM)	1.5
FIGURE	1
MAX. AXIAL STATIC LOAD AT DEFLECTION (LBS AT IN)	100 at 0.09
MAX. AXIAL STATIC LOAD AT DEFLECTION (N AT MM)	445 at 2.3
RECOMMENDED BOLT GRADE OR CLASS (SAE J429)	2
RECOMMENDED BOLT GRADE OR CLASS (SAE J1199)	5.8

SD (MM)	22.7
T (IN)	0.38
T (MM)	9.7
I.D. (IN)	0.42
I.D. (MM)	10.7
NOMINAL DYNAMIC STATIC SPRING RATE RATIO	1.08
RECOMMENDED STEEL WASHER	(Head Washer J-2049-58)
O.D. (IN)	
O.D. (MM)	
APPLICATION ENGINEERING ASSISTANCE	Frequently, vibration isolation problems require a system engineering analysis. Lord has the computer capability, as well as specialized programs, for analyzing engine/ transmission combinations. The output from this analysis is a mounting proposal which optimizes performance over the complete range of operating speeds. This service is available to you upon request.