

We make it **possible**



M8 Nanomount™ Vibration Isolators



32370 Series

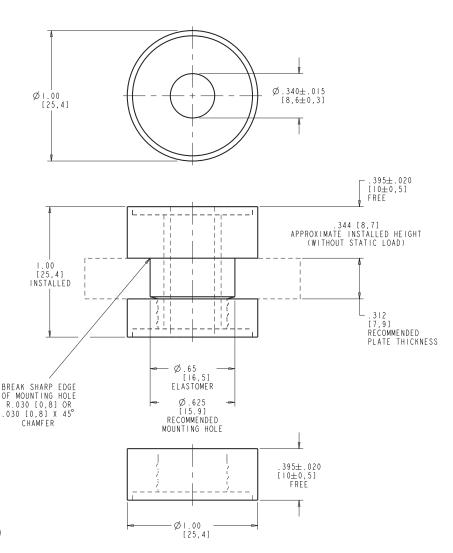
DESCRIPTION & CHARACTERISTICS:

The M8 Nanomount™ is a compact and rugged vibration isolator that is ideal for lightweight applications and small payloads to protect them from the damaging effects of vibration and shock. It offers performance and durability in a low profile failsafe design. Perfect for installations where packaging space is at a premium.

- » Natural Frequency: 25 Hz at rated load, axial
- » Load Ratings: 30 lbs to 150 lbs
- » Axial to Radial Stiffness Ratio: 1:1.5
- » Failsafe integral washers eliminate the need for separate washers and reduce component count
- » Standard materials:

Metal components: Steel Elastomer: Neoprene

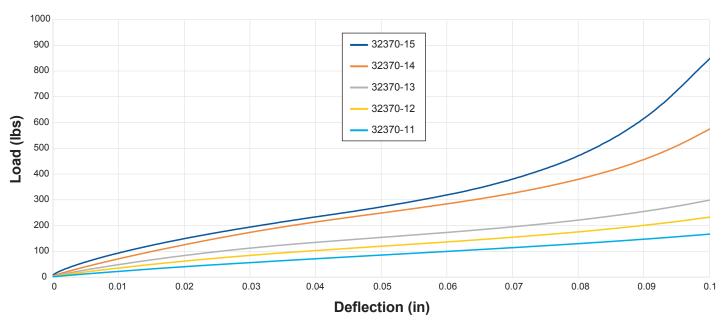
- » M8 or 5/16" fasteners
- » Support plates ranging from .250" to .375" thick
- » Snap lock feature retains isolator during assembly
- » All-attitude mounting
- » Operating temperature range:
 - Neoprene: -20°F to 180°F (-30°C to 82°C)



M8 Nanomount[™]

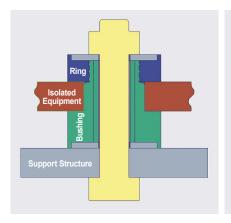
Specifications & Ordering Information

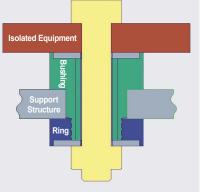
M8 Nanomount 32370 series Axial Load vs. Deflection



Part Number	Elastomer Material	Durometer (reference)	Color Code (paint dot)		ed Load I (max)* [kg]	Axial S	Stiffness [N/mm]		l Load ll (max)* [kg]
32370-11	Neoprene	35	Red & White	30	[13.6]	2100	[370]	7	[3.2]
32370-12	Neoprene	45	Yellow & White	45	[20.4]	3300	[580]	11	[5.0]
32370-13	Neoprene	55	Green & White	60	[27.2]	4500	[790]	15	[6.8]
32370-14	Neoprene	65	Blue & White	80	[36.3]	6600	[1160]	20	[9.1]
32370-15	Neoprene	75	Purple & White	105	[47.6]	8200	[1440]	26	[11.8]

^{*} Rated Load is recommended maximum for installations using recommended 0.312" thick support plate. For optional 0.250" thick support plate, rated loads should be reduced by 50%. For optional 0.375" thick support plate, rated loads can be increased by 25%.





Bolt Size	Grade or	Maximum Recommended Tightening Torque Plated or Lubricated				
	Class	LB-FT	N-m			
M8 x 1.25	8.8	17	23			
M8 x 1.00	8.8	18	24.4			
5/16-18	5/16-18 5		17.6			
5/16-24	5/16-24 5		19			