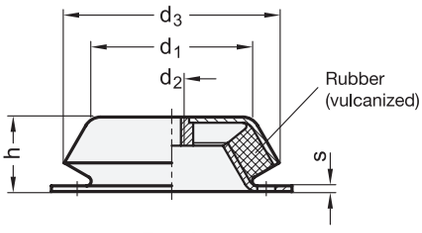
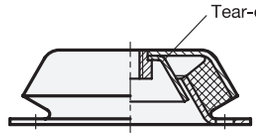
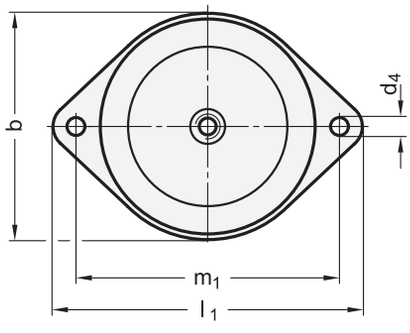
Identification no. **1**



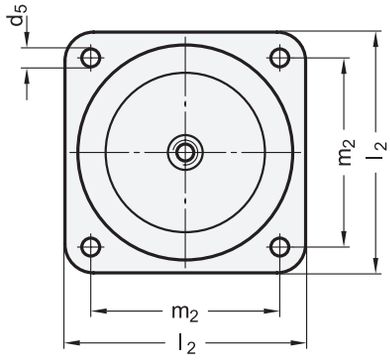
Identification no. **2**



Type **A**



Type **B**



Metric

3 Type

A With two-hole flange (d_1 = 60 / 90 / 113 mm)
B With four-hole flange (d_1 = 113 / 126 mm)

4 Identification no.

1 Without tear-off lock
2 With tear-off lock

Metric table

Dimensions in: millimeters - *inches*

1 d_1	2 d_2 Thread	d_3	d_4 Type A	d_5 Type B	h	s	b Type A	l_1 Type A	l_2 Type B	m_1 Type A	m_2 Type B
60 *2.36*	M 10	78 *3.07*	9 *0.35*	-	30 *1.18*	2 *0.08*	78 *3.07*	128 *5.04*	-	110 *4.33*	-
90 *3.54*	M 12	106 *4.17*	13 *0.51*	-	39 *1.54*	3 *0.12*	110 *4.33*	170 *6.69*	-	140 *5.51*	-
113 *4.45*	M 16	150 *5.91*	12.5 *0.49*	12.5 *0.49*	52 *2.05*	4 *0.16*	150 *5.91*	216 *8.50*	168 *6.61*	184 *7.24*	132 *5.20*
126 *4.96*	M 20	177 *6.97*	-	13 *0.51*	63 *2.48*	4 *0.16*	-	-	184 *7.24*	-	150 *5.91*

Specification

5

- Base / flange
  Steel sheet metal, zinc plated, blue passivated finish
- Tapped insert
  Steel, zinc plated, blue passivated finish
- Vibration damping pad
  Natural rubber (NR)
  - Vulcanized
  - Temperature resistant up to 176 °F (80 °C)
  - Hardness shore A ±5
    Soft **43**
    Medium **57**
    Hard **68**
- *Elastomer Characteristics* → *page 2135*
- RoHS compliant

Information

GN 148 leveling feet are designed for limiting vibration on heavy machinery, thus increasing the lifetime of the machines and reducing noise pollution.

The structure of these feet helps absorb horizontal forces. The version with tear-off lock (identification no. 2) protects the feet from destruction caused by tear-off under excessive tension loads.

The information about load bearing capacity are non-binding guide values and rule out any liability. They constitute no general warranty of quality and condition. The user must determine from case to case whether a product is suitable for the intended use.

see also...
- *Determining the Suitable Leveling Foot → page 1567*

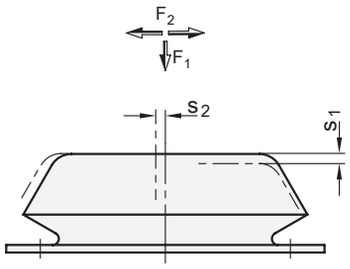
Accessory

- Rubber pads GN 148.2 → *www.jwwinco.com*

How to order

1 2 3 4 5
GN 148-113-M16-A-1-57

1	**Base diameter d_1**
2	**Thread d_2**
3	**Type**
4	**Identification no.**
5	**Hardness**



Definitions

F_1 = Static load in vertical direction (pressure)

F_2 = Static load in horizontal direction (lateral thrust)

s_1 = Compression in vertical direction (spring excursion) under load through F_1

s_2 = Compression in vertical direction (spring excursion) under load through F_2

Stiffness R:
Is the load that causes the damping pad to be compressed by 1 in / 1 mm (spring rate)

Equation for calculating the stiffness: $R = \frac{F}{s}$

The table below gives details on the maximum static load F, the maximum permissible compression and the resulting stiffness R.

The method shown on page 1567 and the values given below allow the maximum degree of insulation of the vibration to be determined as a factor of the interference frequency.

Dimensions in: millimeters - *inches*

d_1	Hardness in shore	Max. static load F_1	Stiffness R_1	Max. compression s_1	Max. static load F_2	Stiffness R_2	Max. compression s_2
60 *2.36*	43	1100 N *247 lbf*	340 N/mm *1945 lbf/in*	3.2 *0.13*	2300 N *517 lbf*	770 N/mm *4405 lbf/in*	3 *0.12*
60 *2.36*	57	1750 N *393 lbf*	550 N/mm *3146 lbf/in*	3.2 *0.13*	3400 N *764 lbf*	1130 N/mm *6464 lbf/in*	3 *0.12*
60 *2.36*	68	2800 N *630 lbf*	930 N/mm *5320 lbf/in*	3 *0.12*	4000 N *899 lbf*	1330 N/mm *7609 lbf/in*	3 *0.12*
90 *3.54*	43	1500 N *337 lbf*	430 N/mm *2460 lbf/in*	3.5 *0.14*	3000 N *674 lbf*	750 N/mm *4291 lbf/in*	4 *0.16*
90 *3.54*	57	2800 N *630 lbf*	800 N/mm *4577 lbf/in*	3.5 *0.14*	5000 N *1124 lbf*	1330 N/mm *7609 lbf/in*	3.75 *0.14*
90 *3.54*	68	4500 N *1012 lbf*	1290 N/mm *7380 lbf/in*	3.5 *0.14*	7000 N *1574 lbf*	1870 N/mm *10698 lbf/in*	3.75 *0.14*
113 *4.45*	43	3500 N *787 lbf*	1000 N/mm *5721 lbf/in*	3.5 *0.14*	4500 N *1012 lbf*	1290 N/mm *7380 lbf/in*	3.5 *0.14*
113 *4.45*	57	6500 N *1461 lbf*	1860 N/mm *10641 lbf/in*	3.5 *0.14*	7500 N *1686 lbf*	2140 N/mm *12242 lbf/in*	3.5 *0.14*
113 *4.45*	68	10000 N *2248 lbf*	2860 N/mm *16361 lbf/in*	3.5 *0.14*	11000 N *2473 lbf*	3140 N/mm *17963 lbf/in*	3.5 *0.14*
126 *4.96*	43	7500 N *1686 lbf*	2140 N/mm *12242 lbf/in*	3.5 *0.14*	9000 N *2023 lbf*	2570 N/mm *14702 lbf/in*	3.5 *0.14*
126 *4.96*	57	12500 N *2810 lbf*	3570 N/mm *20423 lbf/in*	3.5 *0.14*	15000 N *3372 lbf*	4290 N/mm *24542 lbf/in*	3.5 *0.14*
126 *4.96*	68	19000 N *4271 lbf*	5340 N/mm *30549 lbf/in*	3.5 *0.14*	22500 N *5058 lbf*	6430 N/mm *36784 lbf/in*	3.5 *0.14*

Application example