



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂ Thread	l ₁	d ₃	d ₄	l ₂		l ₃	l ₄	s Square	Static load	Stiffness R	Max. compression
					min.	max.						
80 3.15	M 12 x 1.25	133 5.24	60 2.36	72 2.83	35 1.38	46 1.81	32 1.26	10 0.39	7 0.28	5000 N 1124 lbf	2500 N/mm 14276 lbf/in	2 0.08
120 4.72	M 16 x 1.5	144 5.67	80 3.15	109 4.29	40 1.57	51 2.01	36.5 1.44	10 0.39	9 0.35	10000 N 2248 lbf	4000 N/mm 22842 lbf/in	2.5 0.10
160 6.30	M 20 x 1.5	188 7.40	100 3.94	150 5.91	50 1.97	63 2.48	43.5 1.71	10 0.39	12 0.47	20000 N 4496 lbf	9000 N/mm 51395 lbf/in	2.2 0.09
200 7.87	M 20 x 1.5	198 7.80	130 5.12	186 7.32	60 2.36	73 2.87	54.5 2.15	10 0.39	12 0.47	40000 N 8992 lbf	15000 N/mm 85658 lbf/in	2.7 0.11

Specification

- Vibration damping pad
Natural rubber (NR)
- 80 Shore A
- Black
- Reinforcing plate / stud head / support plate
Steel, zinc plated, blue passivated finish
- Threaded stud
Steel
- Property class 5.8
- Zinc plated, blue passivated finish
- Hex nut ISO 4032
Steel, zinc plated
- Strength Values of Screws → page 2127
- Plastic Characteristics → page 2135
- RoHS compliant

Information

EN 248 leveling feet with damping pad made of natural rubber absorb vibrations and shocks, thus increasing the lifetime of machines and reducing noise pollution.

Using the details on the maximum static load F, the maximum permissible compression and the resulting stiffness, the achievable degree of insulation of the vibration can be determined with the help of the method shown on page 1571.

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.

How to order	1	Diameter d ₁
EN 248-120-M16X1.5-144	2	Thread d ₂
	3	Length l ₁