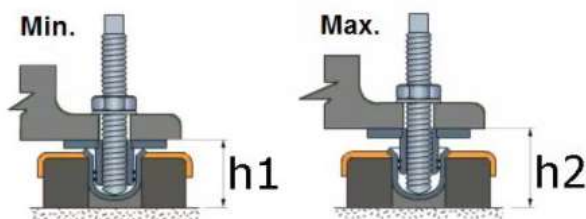
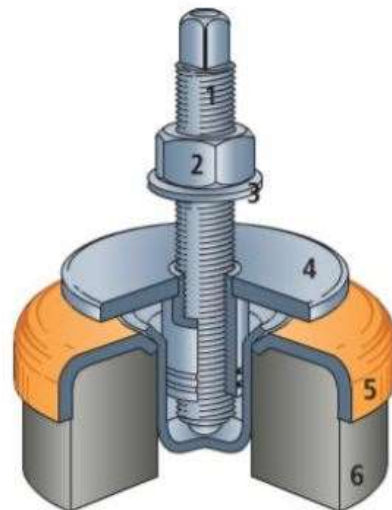
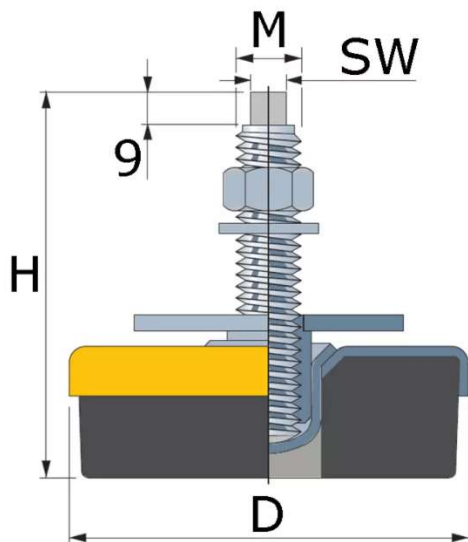


CHARACTERISTICS

ADJUSTABLE MACHINE MOUNTS

- Characteristics: specially designed to absorb vibrations and shocks in both horizontal and vertical directions.
- Accurate height adjustment.
- High adhesion to the floor.
- Application: cutting- and bending machines for sheet metal. Injection molding machines for plastic. Lathes, cutting- and grinding machines. Machines for textile and printing industry.



- 1- Adjustment bolt. Fine thread
- 2- Locking nut. UNI 5588 – 65
- 3- Washer UNI 6592 – 69 . DIN 125 A
- 4- Support plate. Adjustable in height
- 5- Reinforcement plate
- 6- Anti-slip in NBR 80 shore

TABLE 1

	Load applied per foot (Kgf)					
	min	max	min	max	min	max
	Part. 701		Part. 702		Part. 703	
100	85	360	230	940	275	1420
120	85	210	230	600	275	900
140	85	180	230	560	275	820
160	85	120	230	350	275	560
180	85	95	230	290	275	440
200			230	260	275	320
220					275	305
	Zone of resonance (do not use vibration absorbing elements)					
1200	475	525	1140	1260	1710	1890
1400	400	525	1040	1260	1650	1890
1600	320	525	810	1260	1340	1890
1800	240	525	640	1260	1080	1890
2000	180	525	490	1260	800	1890
2200	140	525	440	1260	700	1890
2400	120	525	380	1260	640	1890
2600	100	525	300	1260	560	1890
2800			240	1260	420	1890
3000			200	1260	400	1890
3500					300	1890

Selection procedure

1 Calculation of the load on each foot

In the following formula we have considered that weight of the machine is divided equally over the feet:

$$\frac{\text{Weight of the machine (Kg)}}{\text{Number of feet}} = (\text{Kgf})$$

2 Selection of the type of vibration absorbing foot – Table 1

The selection of the type of a vibration absorbing foot depends on the load on each foot and the lowest number of revolutions (or number of shocks) of the machine.

Examples of selection

1 Support of lathe

Given data: Weight of the lathe: 2200 Kg.
Minimum speed: 140 rpm.
Quantity of feet: 4

Selection: the load on each foot is

$$\frac{2200}{4} = 550 \text{ Kgf}$$

According to table 1 Part. 702 should be taken.

1 Support for metal press

Given data: Weight of the press: 3900 Kg.
Minimum number of shocks: 120 strokes/min.
Quantity of feet: 6

Selection: the load on each foot is

$$\frac{3900}{6} = 650 \text{ Kgf}$$

According to table 1 Part. 703 should be taken.

Mounting instructions

- Lift the machine. Position the footplate.
- Mount the adjustment bolt with the nut and washer.
- By turning the adjustment bolt further, the support plate will lift until the desired height has been reached.
- Lock the adjustment bolt with the nut.

