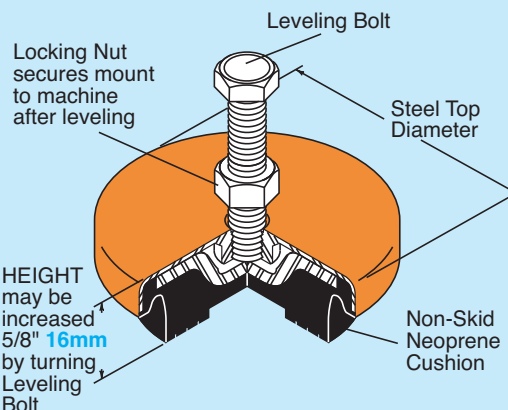


## ML- Leveling and Shock Mounts

This classic style of machinery leveling mount is the most widely accepted and has been in use for over 40 years. The simplicity of up to 5/8" **16mm** leveling with a single bolt per location while providing shock and vibration isolation solves many problems. Friction is developed by the neoprene element, eliminating the need for bolting to the floor. The mounting is locked to the machine leg so it travels to a new location with the machine. When production lines must be rearranged, this reduces downtime. Typical applications are punch presses, brakes, shears, lathes, milling machines, injection molding machines, etc.

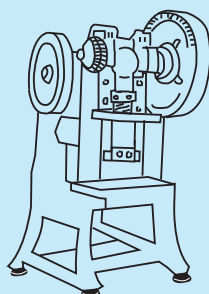


### MASON-GRIP MOUNTS—

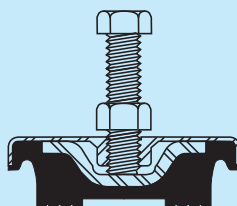
- Provide Friction and Eliminate the Need for Bolting to the Floor
- Travel with the Machine for Ease of Relocation
- Provide a Means of Leveling up to 5/8" **16mm**
- Reduce Impact to the Structure
- Reduce Shock to the Machine Frame
- Lower Noise Levels by Reducing Noise Radiated from the Floor
- Reduce Worker Fatigue
- Last Indefinitely

### TYPE ML DIMENSIONS and LOAD RATINGS

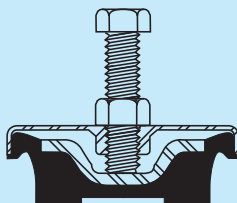
Type & Size	Capacity Range (lbs)	(kgs)	Steel Diameter (in) (mm)	Height (in) (mm)	Top Leveling Bolt	Bolt Length (in) (mm)
ML-3	100-500	<b>46-226</b>	3 1/2 <b>90</b>	1 1/8 <b>28</b>	1/2"-13	3 1/2 <b>90</b>
ML-5	500-1000	<b>226-453</b>	5 <b>125</b>	1 3/4 <b>45</b>	1/2"-13	5 <b>125</b>
ML-6	1000-4000	<b>453-1814</b>	6 1/4 <b>160</b>	1 3/4 <b>45</b>	3/4"-10	5 <b>125</b>
ML-8	4000-12000	<b>1814-5443</b>	8 <b>200</b>	2 <b>50</b>	1"-8	8 <b>200</b>



PUNCH PRESS



UNADJUSTED



ADJUSTED

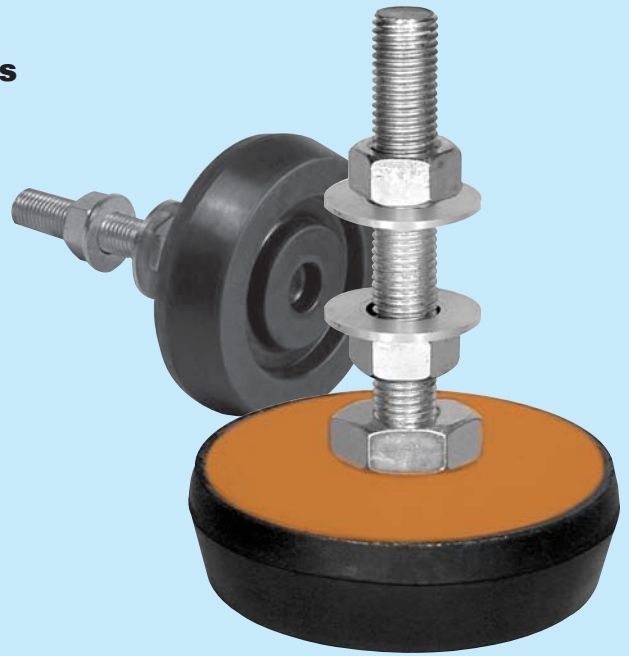
### ML INSTALLATION INSTRUCTIONS

1. Raise machine and slide mount under foot.
2. Insert adjusting bolt through clearance hole in foot and engage threads in mount.
3. Lower machine onto mounts.
4. Turn adjusting bolt until it strikes internal plate.
5. Level machine by taking additional turns on the adjusting bolt in low corners or sides.
6. Tighten lock nut against machine base. **IMPORTANT:** Maximum adjustment is 5/8" **16mm**. **DO NOT EXCEED THIS.** If additional height is required, use blocks or shims.

## MLS- Neoprene Machine Leveling Mounts

Stud type leveling mounts fill a need for a greater leveling range and are recommended for as much as 2" **50mm** of lift.

- Thick neoprene cushion
  - Resists oil
  - Provides friction (No bolting required)
  - Isolates impact and vibration
- Long adjustment bolt will pass thru thick bases
- Zinc plated hardware
- Steel load transfer plate
- Adjustment from below is always accessible
- Cut off stud to fit in blind base holes
- Five sizes to match loads of 50 to 4000 lbs  
**23 to 1814 kgs** per mounting



### TYPE MLS DIMENSIONS and LOAD RATINGS

Type	Load Range per Mount (lbs) (kgs)	Diameter D (in) (mm)	Base Thickness (in) (mm)	Bolt Diam. (in) (mm)	Usable Bolt Length L (in) (mm)	Recommended Leveling Range (in) (mm)
MLS-250	50-250 <b>23-113</b>	23/8 <b>60</b>	3/4 <b>19</b>	3/8 <b>10</b>	3 <b>76</b>	1 <b>25</b>
MLS-500	250-500 <b>113-227</b>	3 <b>76</b>	7/8 <b>22</b>	1/2 <b>13</b>	4 <b>102</b>	1 <b>25</b>
MLS-1000	500-1000 <b>227-454</b>	33/8 <b>86</b>	1 <b>25</b>	1/2 <b>13</b>	4 <b>102</b>	1 <b>25</b>
MLS-2000	1000-2000 <b>454-907</b>	5 <b>127</b>	11/4 <b>32</b>	5/8 <b>16</b>	5 <b>127</b>	1 <b>25</b>
MLS-4000	2000-4000 <b>907-1814</b>	63/4 <b>171</b>	13/8 <b>35</b>	5/8 <b>16</b>	6 <b>152</b>	1 <b>25</b>

\*Minimum stud extension below leveling nut is most desirable.

UPPER STANDARD  
NUT AND WASHER  
FOR LOCKING  
ADJUSTMENT

LOWER STANDARD  
NUT AND WASHER  
FOR LEVELING

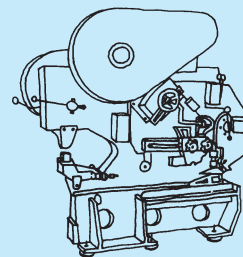
MLS  
MOUNT

Base  
Thickness

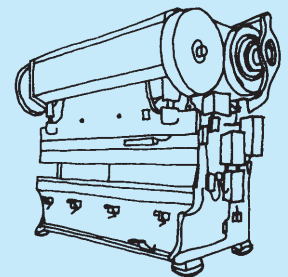
LARGE NUT

Steel Top  
Diameter

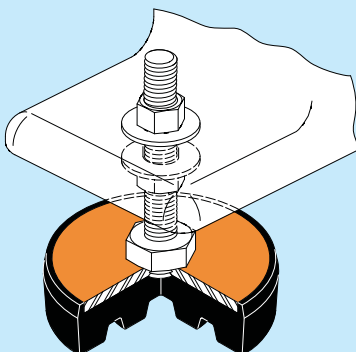
Non-Skid  
Neoprene  
Cushion



**IRON  
WORKERS**

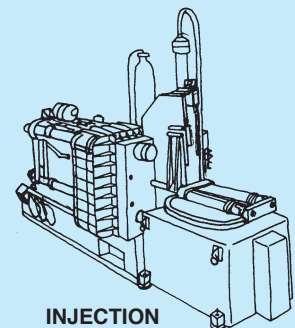


**BRAKES**



### MLS- Installation Instructions

1. Screw stud into mount until it contacts rubber.
2. Tighten large lower nut against steel top plate to prevent stud from turning.
3. Remove upper standard nut & washer. Run lower standard nut and washer down until just clear of the large nut with room for wrench clearance.
4. Install studs through machine base holes.
5. Do not adjust nut at lowest mounting location.
6. Use nut under washer in other locations to level machine at all other mounting locations.
7. When machine is level, place second washer over stud, screw standard nut on top to lock adjustment.



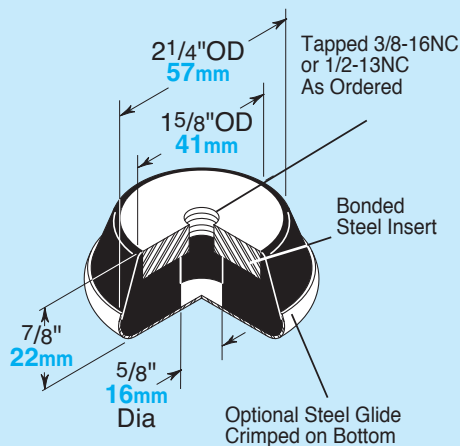
**INJECTION  
MOLDING  
MACHINES**

## R, RL, RC, RCL- Neoprene Machine Leveling Mounts and Glides

### A Small Handy Leveling Mount Series

Mountings can be used with or without plated steel glide cups or leveling bolts. Furnished with 3/8-16 or 1/2-13 tapped holes or studs to accommodate large or small holes in the machinery leg.

- Neoprene resists oil, oxygen and ozone.
- Upper plate provides uniform mounting loading.
- May be bolted directly without leveling for economy.
- Without glide cup, friction keeps equipment in place
- With glide cup, equipment can slide on vinyl floors or short fibre carpet.
- Purchase with leveling stud (L) when leveling is required.
- A great isolator for small high speed equipment.

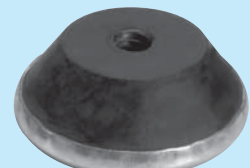


All Studs  
21/2" 65mm  
Long Above  
Mount

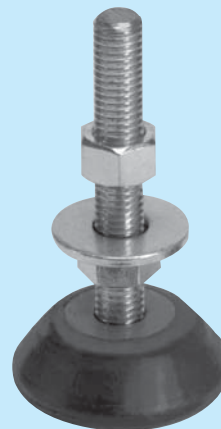
**R- Tapped Mount Only**



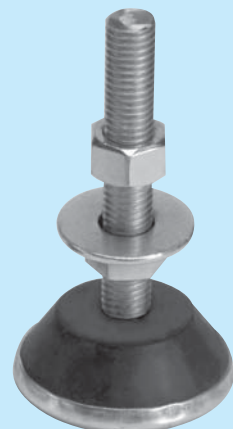
**RC- Tapped Mount with Glide Cup**



**RL- Mount with Leveling Stud, Nut and Washer**



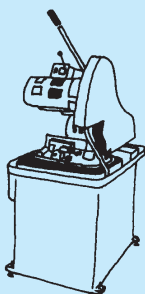
**RCL- Mount with Glide Cup and Leveling Stud**



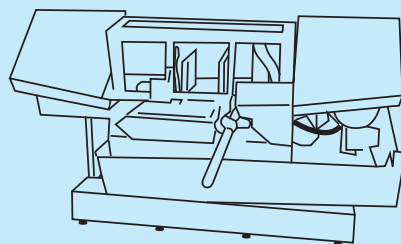
#### TYPE R, RL, RC & RCL LOAD RATINGS

Type & Size	Max Load (lbs) (kgs)	Color Code	Tapped Hole or Stud
Without Steel Glide Cup			
R-4 or RL-4	150 <b>68</b>	Green	3/8-16
R-4 or RL-4	250 <b>113</b>	Red	3/8-16
R-4 or RL-4	400 <b>181</b>	White	3/8-16
R-5 or RL-5	150 <b>68</b>	Green	1/2-13
R-5 or RL-5	250 <b>113</b>	Red	1/2-13
R-5 or RL-5	400 <b>181</b>	White	1/2-13
R-5 or RL-5	600 <b>272</b>	Yellow	1/2-13
R-5 or RL-5	1000 <b>454</b>	Blue	1/2-13

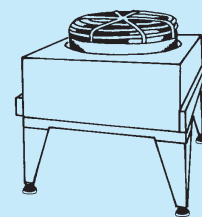
Type & Size	Max Load (lbs) (kgs)	Color Code	Tapped Hole or Stud
With Steel Glide Cup			
RC-4 or RCL-4	150 <b>68</b>	Green	3/8-16
RC-4 or RCL-4	250 <b>113</b>	Red	3/8-16
RC-4 or RCL-4	400 <b>181</b>	White	3/8-16
RC-5 or RCL-5	150 <b>68</b>	Green	1/2-13
RC-5 or RCL-5	250 <b>113</b>	Red	1/2-13
RC-5 or RCL-5	400 <b>181</b>	White	1/2-13
RC-5 or RCL-5	600 <b>272</b>	Yellow	1/2-13
RC-5 or RCL-5	1000 <b>454</b>	Blue	1/2-13



**CUT OFF MACHINES**



**BANDSAW**



**CONDENSING UNIT**