



SS Stainless Steel

4 Type

- D1** Stainless steel base
- D2** Solid Delrin® plastic base
- D3** Molded Delrin® plastic base

Specification

- Threaded stud with ball end
Stainless steel AISI 303
Machined from solid bar
- **Type D1**
Base
Stainless steel AISI 303
- **Type D2 / D3**
Base
Delrin® plastic
Temperature resistant up to 180 °F (82 °C)
- Jam nut
Materials and finishes are the same as the corresponding stud
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

LPST “Level-It”™ leveling mounts swivel 10-15° to all sides of the centerline to adjust to uneven surfaces. They are typically used for leveling machine tools, electronic racks, benches, etc. The large diameter base design assures a solid support.

A coupling nut is not recommended to use for installation. Use a nut or tapped hole of 1 - 1/2 times the thread diameter of the threaded stud.

To insure a proper leveling mount size, divide the machine weight by the number of mounts required. This will equal the pounds or load per mount.

The jam nut is a standard part of the assembly.

see also...

- “Level-It”™ Leveling Mounts LPST (Steel Threaded Stud Type) → page 1452
- “Level-It”™ Leveling Mounts MLPST (Stainless Steel Threaded Stud Type, Metric Size) → page 1461
- “Level-It”™ Leveling Mounts LPSO (Stainless Steel Tapped Socket Type) → page 1456
- “NY-LEV” Nylon Base Leveling Mounts WN 9000.1 (Nylon Base, Stainless Steel Threaded Stud Type) → page 1484

On request

- Non-skid Elastomer pad
- Molded Delrin® plastic base in additional sizes
- For certain minimum quantities, modifications such as mounting holes and other versions of plating

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|---|---------------------------------------|
| <p>How to order</p> <p>1 2 3 4</p> <p>LPST-1.25-5/16X24-2.00-D1</p> | 1 Base diameter d ₁ |
| | 2 Thread d ₂ |
| | 3 Stud length l ₁ |
| | 4 Type |

Inch table

Dimensions in: inches - millimeters

| 1 d ₁ | 2 d ₂ | 3 l ₁ | l ₂ | l ₃ | A/F | Max. load | |
|---------------------|---------------------|---------------------|----------------|----------------|---------------|--------------------------|------------------------|
| | | | | | | Stainless steel base | Delrin® plastic base |
| 0.75 19.1 | 10 x 32 | 1.00 25.4 | 0.53 13.5 | 0.100 2.5 | 0.375 9.5 | 700 lbf 3113.75 N | 150 lbf 667.23 N |
| 0.75 19.1 | 10 x 32 | 2.00 50.8 | 0.53 13.5 | 0.100 2.5 | 0.375 9.5 | 700 lbf 3113.75 N | 150 lbf 667.23 N |
| 1.00 25.4 | 1/4 x 20 | 1.25 31.8 | 0.70 17.8 | 0.141 3.6 | 0.500 12.7 | 1000 lbf 4448.22 N | 200 lbf 889.64 N |
| 1.00 25.4 | 1/4 x 20 | 2.50 63.5 | 0.70 17.8 | 0.141 3.6 | 0.500 12.7 | 1000 lbf 4448.22 N | 200 lbf 889.64 N |
| 1.00 25.4 | 1/4 x 28 | 1.25 31.8 | 0.70 17.8 | 0.141 3.6 | 0.500 12.7 | 775 lbf 3447.37 N | 200 lbf 889.64 N |
| 1.25 31.8 | 5/16 x 18 | 2.00 50.8 | 0.88 22.4 | 0.170 4.3 | 0.625 15.9 | 2500 lbf 11120.55 N | 250 lbf 1112.05 N |
| 1.25 31.8 | 5/16 x 24 | 2.00 50.8 | 0.88 22.4 | 0.170 4.3 | 0.625 15.9 | 2150 lbf 9563.67 N | 250 lbf 1112.05 N |
| 1.25 31.8 | 3/8 x 16 | 2.00 50.8 | 0.88 22.4 | 0.170 4.3 | 0.625 15.9 | 3750 lbf 16680.83 N | 300 lbf 1334.46 N |
| 1.25 31.8 | 3/8 x 16 | 4.00 101.6 | 0.88 22.4 | 0.170 4.3 | 0.625 15.9 | 3750 lbf 16680.83 N | 300 lbf 1334.46 N |
| 1.25 31.8 | 3/8 x 24 | 2.00 50.8 | 0.88 22.4 | 0.170 4.3 | 0.625 15.9 | 3300 lbf 14679.13 N | 250 lbf 1112.05 N |
| 1.88 47.8 | 1/2 x 13 | 2.00 50.8 | 1.13 28.7 | 0.250 6.4 | 0.750 19.1 | 5000 lbf 22241.10 N | 700 lbf 3113.75 N |
| 1.88 47.8 | 1/2 x 13 | 4.00 101.6 | 1.13 28.7 | 0.250 6.4 | 0.750 19.1 | 5000 lbf 22241.10 N | 700 lbf 3113.75 N |
| 1.88 47.8 | 1/2 x 20 | 2.00 50.8 | 1.13 28.7 | 0.250 6.4 | 0.750 19.1 | 4000 lbf 17792.88 N | 625 lbf 2780.13 N |
| 2.50 63.5 | 5/8 x 11 | 2.00 50.8 | 1.25 31.8 | 0.350 8.9 | 0.875 22.2 | 6000 lbf 26689.32 N | 1200 lbf 5337.86 N |
| 2.50 63.5 | 5/8 x 11 | 4.00 101.6 | 1.25 31.8 | 0.350 8.9 | 0.875 22.2 | 6000 lbf 26689.32 N | 1200 lbf 5337.86 N |
| 2.50 63.5 | 5/8 x 18 | 2.00 50.8 | 1.25 31.8 | 0.350 8.9 | 0.875 22.2 | 5000 lbf 22241.10 N | 1100 lbf 4893.04 N |
| 3.00 76.2 | 3/4 x 10 | 2.00 50.8 | 1.50 38.1 | 0.410 10.4 | 1.062 27.0 | 7400 lbf 32916.84 N | 1800 lbf 8006.79 N |
| 3.00 76.2 | 3/4 x 10 | 4.00 101.6 | 1.50 38.1 | 0.410 10.4 | 1.062 27.0 | 7400 lbf 32916.84 N | 1800 lbf 8006.79 N |
| 3.00 76.2 | 3/4 x 16 | 2.00 50.8 | 1.50 38.1 | 0.410 10.4 | 1.062 27.0 | 6200 lbf 27578.97 N | 1650 lbf 7339.56 N |
| 4.00 101.6 | 7/8 x 9 | 4.00 101.6 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 15000 lbf 66723.32 N | 1700 lbf 7561.98 N |
| 4.00 101.6 | 7/8 x 14 | 4.00 101.6 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 13500 lbf 60050.99 N | 1950 lbf 8674.03 N |
| 4.00 101.6 | 1 x 8 | 3.50 88.9 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 20000 lbf 88964.43 N | 2400 lbf 10675.73 N |
| 4.00 101.6 | 1 x 8 | 4.25 108.0 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 20000 lbf 88964.43 N | 2400 lbf 10675.73 N |
| 4.00 101.6 | 1 x 8 | 6.00 152.4 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 20000 lbf 88964.43 N | 2400 lbf 10675.73 N |
| 4.00 101.6 | 1 x 12 | 3.50 88.9 | 1.88 47.8 | 0.440 11.2 | 1.375 34.9 | 18000 lbf 80067.98 N | 2250 lbf 10008.49 N |
| 6.00 152.4 | 1 1/4 x 7 | 4.00 101.6 | 2.75 69.9 | 0.750 19.1 | 1.875 47.6 | 43000 lbf 191273.53 N | 3600 lbf 16013.59 N |
| 6.00 152.4 | 1 1/4 x 7 | 6.00 152.4 | 2.75 69.9 | 0.750 19.1 | 1.875 47.6 | 43000 lbf 191273.53 N | 3600 lbf 16013.59 N |

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