

Vacuum Stand



- 1-Holding locking screw
- 2-Holding device
- 3-Upper arm
- 4-Vacuum stand suction switch
- 5-Vacuum stand base
- 6-Lower arm
- 7-Locking wrench
- 8-Head fine adjustment screw

1. This vacuum stand is for digital/dial indicators and dial test indicators.
Holding as follows:



holding stem $\Phi 8\text{mm}$ in metric/ $3/8"$ DIA in inch



holding dovetail groove

2. Usage:

---Holding indicator as below ways.

Caution: To avoid the measurement error which caused by fine adjustment elasticity, the contact point and the fine adjustment screw should be located at the opposite side(fig.1);
When working, adjust the fine adjustment screw so that component 1 is between the top of thread and the middle of thread, to increase the elasticity of head, do not let component 1 be at the bottom of thread(fig.2).

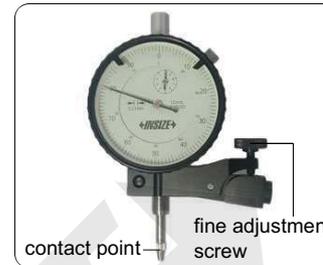


fig.1

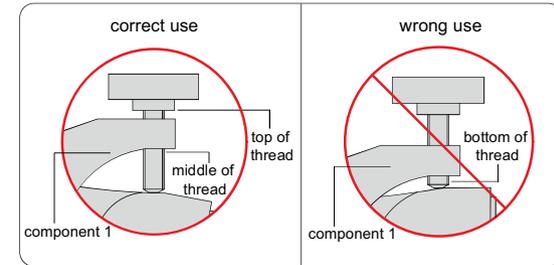


fig.2

---Let the base be in contact with the machine tool(fig.3), then flick of the suction switch following the arrow to make sure that the vacuum stand can contact with the machine tool steadily(fig.4).

Caution: Please make sure that the magnetic base and machine tool are cleaning, otherwise, the universal magnetic stand may slide slightly during measurement, which will affect the measuring results.

---Loosen the holding locking screw, lock it after installing the indicator. Loosen the locking wrench to adjust the vice pole and indicator to the appropriate position. Rotate head fine adjustment screw and base fine adjustment are convenient to operate when the indicator is close to the workpiece. After adjustment, please make sure each part is locked steadily.

---After measurement, release the suction switch to make it recover to the position shown in fig.3, universal magnetic stand can be removed from the machine tool.

3. To get accurate measurement, please try to avoid using the universal magnetic stand in vibration environment.



fig.3



fig.4