

# Re: Microscope Fasteners

---

*Source:* <http://sci.tech--archive.net/Archive/sci.techniques.microscopy/2006-01/msg00185.html>

---

- *From:* Logos <giocar44ABC@xxxxxxxx>
  - *Date:* Sun, 29 Jan 2006 19:02:23 +0100
- 

On 29 Jan 2006 00:35:43 -0800, "Too\_Many\_Tools"  
<too\_many\_tools@xxxxxxxx> wrote:

>I recently received an old Nikon microscope that was built in the  
>1960's. It had been damaged and needed several of the fasteners  
>(screws) replaced. When I went to replace them, I find that the metric  
>screws (3m x 0.5) available at the local Ace Hardware will not fit  
>(right diameter, wrong pitch?). As it was explained to me by the  
>helpful gentleman there, there apparently is a DIN and a ISO metric  
>standard and apparently the Nikon microscope needed the "other"  
>standard.  
>  
>Could someone explain the details to this strange situation?  
>  
>What fasteners does an old Nikon 60's scope use and where does one find  
>them?  
>  
>Also if possible, an overview of what scope manufacturers used what  
>type of fasteners would be appreciated since I do have a number of  
>different scopes that I expect to modify in the future.  
>  
>Thanks  
>  
>TMT

The metric screws are fully designed by their diameter and pitch. If you ask a metric screw giving its diameter only, you will obtain the 'normal' pitch. For a metric screw of 3 mm of diameter, the normal pitch is 0.5, but there are other pitches. With a microscope, it should be easy to determine the pitch of that screw. (Check also that the hole is free).

Logos  
giocar44ABC@xxxxxxxx  
Remove A B C  
.

---

## Re: Microscope Fasteners

- **References:**
  - ◆ **Microscope Fasteners**
    - ◇ *From: Too\_Many\_Tools*
- Prev by Date: **Re: Paleontology microscopy**
- Next by Date: **Re: How to count cells**
- Previous by thread: **Re: Microscope Fasteners**
- Next by thread: **Re: Microscope Fasteners**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**