

LatheCity

Safely Working with Benchtop Lathes - Booklet I

Featuring the Sherline System

Booklet 1 – Thread Cutting in a Lathe

by Uwe Burghaus



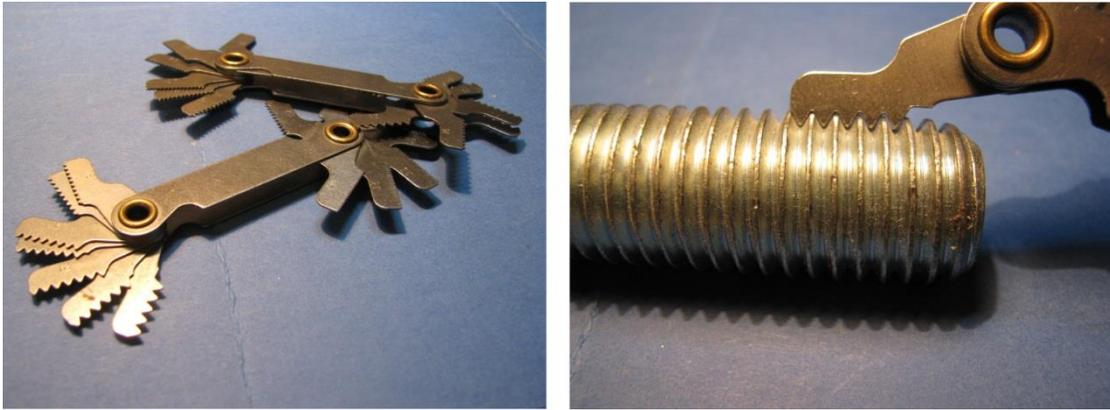


Fig. 2.4: Pitch gauge and how to use it. These work for both an English and a metric thread, assuming that you do not have very exotic sizes. For example, ~20 threads per inch equals a metric pitch of 1.25 mm, which is the standard pitch of the most commonly used metric M8 bolt. (You can also get metric gauge sets, see below, but...) These pitch gauges are available for \$1.99 in a local hardware store, but you can also spend \$30 on one. Similar gauges are available to measure gears and whatnot.



Fig. 2.4a: Metric / English combination thread gauge. (I doubt that you will ever need this. If you find a cheap one, perhaps, go for it. I got this one for a few dollars at Max shop.)