

TIP 109 — Clever Way to Indicate a Square Part in a 4-Jaw Chuck/Joe Pie

Clever Way to Indicate a Square Part in a 4-Jaw Chuck

This video tip comes to us courtesy of YouTuber Joe Pie. The video shows an easy way of indicating the outside of a square part mounted in a 4-jaw independent chuck without needing to continuously move your indicator. This technique eliminates the need to re-position the indicator for each side of your part. Joe Pie uses aluminum shims temporarily mounted to the outside of the part with a rubber band to indicate a contact point on the inside of each one of the shims. This method means you move the indicator into position once and then spin the chuck to indicate all four sides.

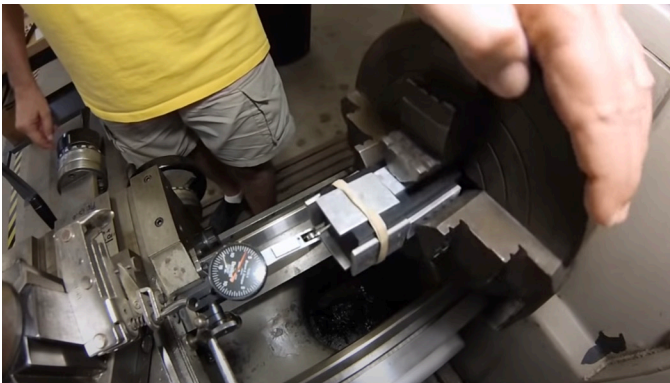


FIGURE 1—Joe uses a heavy-duty rubberband to hold the shims to the outside of his square part. The same technique can be used on rectangular parts.

Click the link below to watch the video:

[Clever Way to Indicate a Square Part in a 4-Jaw Chuck](#)

You can also use a set of our Machinist's Parallel Bars (P/N 7506) rather than aluminum shims. Hold the parallel bars in place with the rubber band.

NOTE: Joe is also using aluminum shims between the front of each jaw and his part. This is to avoid damaging the outer surface of his part. Do not use the parallel bars in this way or you will ruin the parallel bars.

Click the link below for parallel bar details:

[Machinist's Parallel Bar Set](#)

Thank you,
Sherline Products Inc.

Find More Content from Joe Pie

Visit Joe Pie's YouTube channel where he shares a variety of insider tips and tricks designed to help tradesman and hobby machinists get the job done.

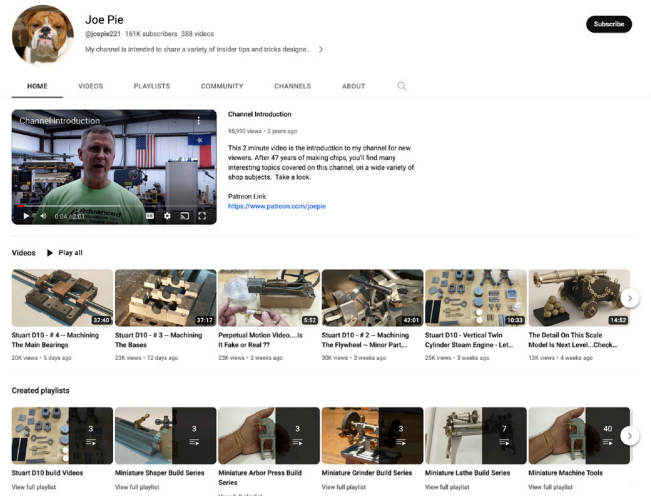


FIGURE 2—Joe Pie's YouTube Channel.

Click the link below to visit Joe Pie's YouTube channel:

www.youtube.com/@joepie221

You can also visit his website:

www.advancedinnovationsllc.com