

DRO PROS

The Digital Readout Experts

Cutting Scales Worksheet - 2 Axis Lathe

- NOTES, WARNINGS & CAUTIONS -

It's not "necessary" to cut the scales. You should only cut the scales if shortening them makes sense for your particular installation. DRO PROS recommends favoring X Max when cutting; a longer scale makes mounting the readhead much easier. Sometimes, X Max can be less than X Min - **Never cut a scale less than X Min!**

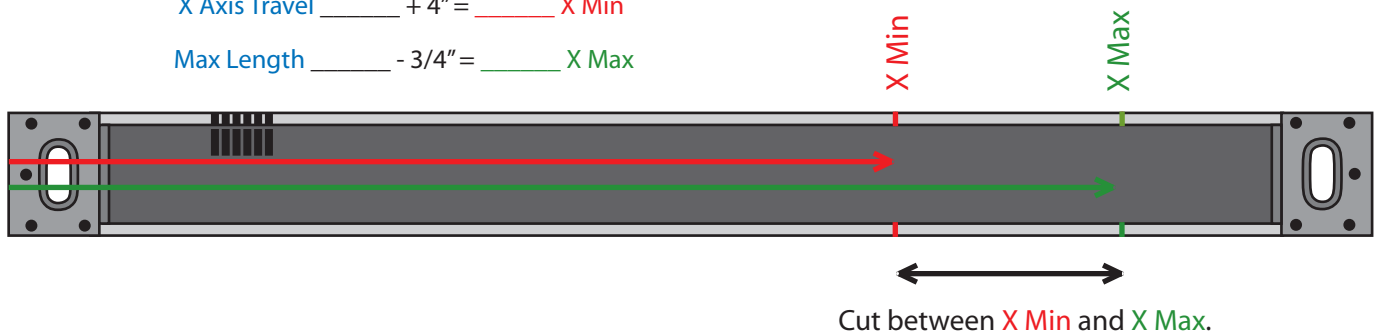
X AXIS (Cross Slide)

_____ X Axis Travel - Measure the full travel of your cross slide.

_____ Max Length - Measure the length of your table. This is the longest possible scale length which would conveniently fit on the cross slide without overhanging the rear.

X Axis Travel _____ + 4" = _____ X Min

Max Length _____ - 3/4" = _____ X Max



Z AXIS (Carriage)

_____ Z Axis Travel - Measure the full travel of your machines carriage.

_____ Max Length - Measure the longest possible scale length which would conveniently fit on the back of your machine. Make sure to allow for fitting within the splash guard, if so equipped.

Z Axis Travel _____ + 4" = _____ Z Min

Max Length _____ - 3/4" = _____ Z Max

