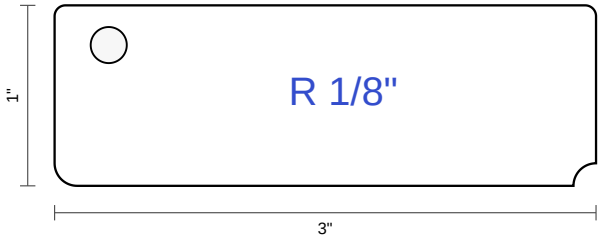
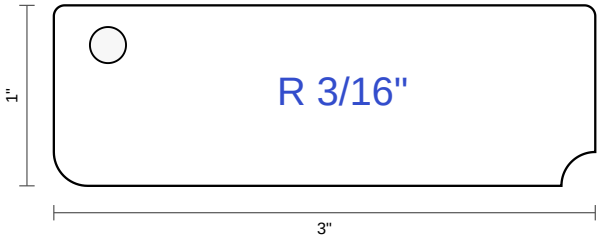
Radius Gauge Set

Eight gauges, 1/8" to 3/4". Each has a convex corner (checks inside fillets) and a concave corner (checks roundovers).

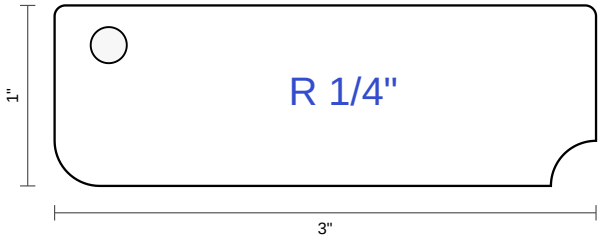
Gauge 1/8 - 1/8" stock



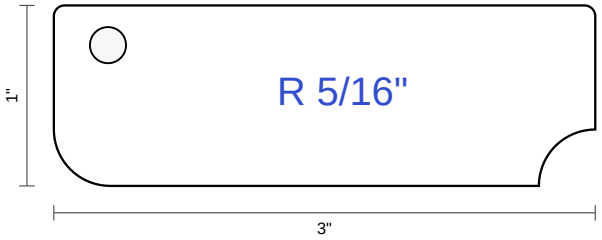
Gauge 3/16 - 1/8" stock



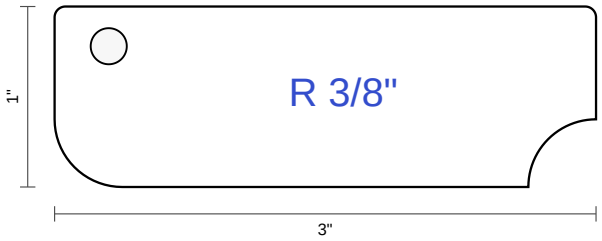
Gauge 1/4 - 1/8" stock



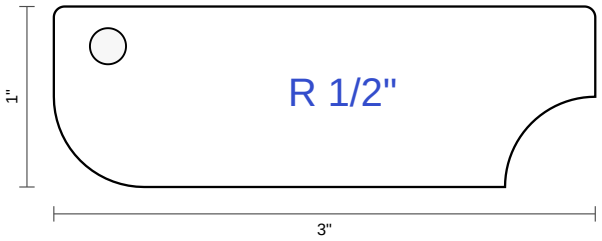
Gauge 5/16 - 1/8" stock



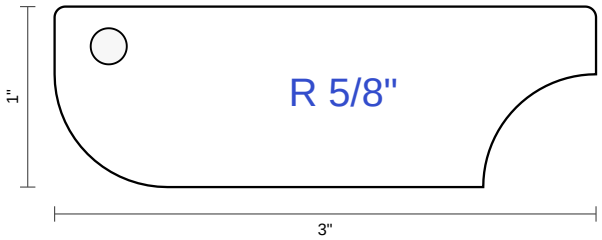
Gauge 3/8 - 1/8" stock



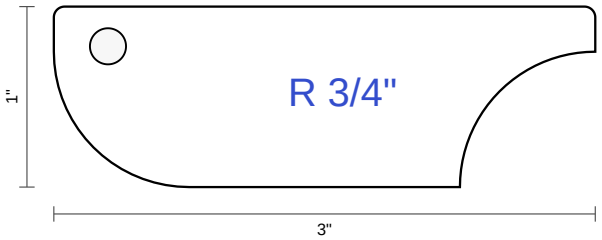
Gauge 1/2 - 1/8" stock



Gauge 5/8 - 1/8" stock



Gauge 3/4 - 1/8" stock



Machine & stock

Laserbox 40W CO2. Red = cut, blue = engrave the labels.

Labels are text in the SVG and DXF. If your laser software doesn't import text, type the labels in it before engraving.

Acrylic works too and lasts longer; kerf hardly matters at these sizes.

Hardware

A 1" key ring to keep the set together.

Steps

1. Engrave the labels, then cut.

2. Check the 1/2" gauge against a known 1/2" roundover bit cut to confirm the scale.

3. Ring them together through the holes.

Files

dxf/radius-gauge-set.dxf, svg/radius-gauge-set.svg

Plan view, drawn at about 1:1.1. Grey = pocket (depth noted), dashed = underside pocket, light fill = through cut. Cut files are full size.