UW45 Crown Profile

Milled to the UWP gauge. The dimensioned section and part numbers below govern every run. Rev A · 01/01/2026

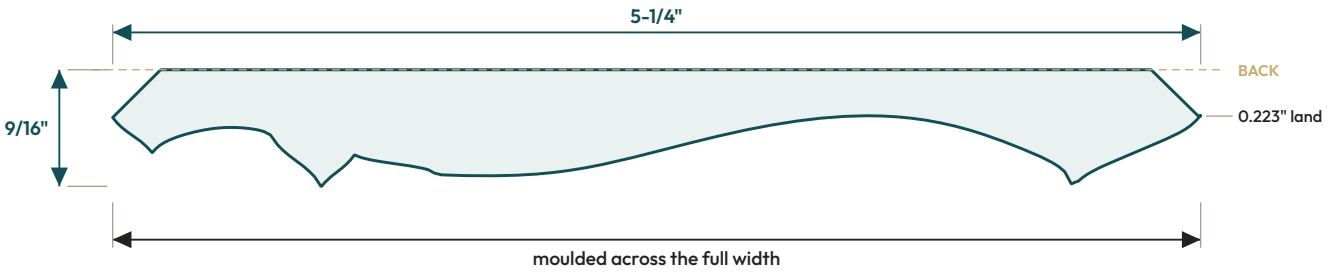
A 5-1/4" crown on a 9/16" ground. It is moulded across its full width, with no parallel plain run — the flat BACK is the only datum. The template overleaf is there to check a first article against.

CHECK THIS BEFORE A KNIFE IS GROUND — Confirm a real stick on the 1:1 template overleaf before a knife is ground to this section.

PROFILE UW45 · Crown

5-1/4" × 9/16"

DIMENSIONED SECTION · BACK FACE UP · MOULDED ACROSS THE FULL WIDTH · UNITS: INCHES



ENLARGED ABOUT 1.1× · SEE PAGE 2 FOR A 1:1 TEMPLATE

ALL DIMENSIONS ± 1/32"

The back face is the datum — it is flat by definition and this section is drawn from a true 9/16". The detail finishes on a 0.223" land at the far edge and cuts 0.341" deep at most.

SIZE	5-1/4" × 9/16" nominal · sold by the piece, 192" (16') stick
STOCKED	Primed FJ Pine · 16'
TO ORDER	Primed FJ Pine
ORDER CODE	45PR-16
MACHINED DETAIL	Moulded across the full 5-1/4"; no parallel plain run. Deepest cut 0.341" below the back. All dimensions ± 1/32".
GRADE	Paint grade. Faces clear of open defect; sound pin knots permitted on the back.
MOISTURE	Kiln-dried and conditioned to 6–8% MC, checked before moulding.
GAUGE / TOLERANCE	Run to the UWP acrylic gauge for UW45 · first article plus in-run QC every lot.

UW45 · 1:1 Check Template

Printed at actual size. Lay a real UW45 straight on the outline below. · Rev A · 01/01/2026

MEASURE THE RULER BELOW BEFORE YOU USE THIS PAGE.

It must read exactly 3". If it reads short, the printer scaled the page and EVERY dimension on it is short by the same fraction — the outline included. In Acrobat: File > Print > Page Sizing & Handling > "Actual size". Not "Fit", not "Shrink oversized pages". A 3" bar printing 2-7/8" means the page came out at 96%.



THIS RULER MUST MEASURE 3.000" END TO END

UW45 CROSS-SECTION · 1:1 · BACK FACE ALONG THE TOP LINE



5-1/4" overall · 9/16" thick · plain end at left, moulded end at right

HOW TO CHECK A STICK AGAINST THIS

1. Stand the moulding on its end, square to the paper, plain edge on the left-hand end of the outline.
2. The back face is the datum — this one is moulded across its full width, so lay the flat back along the top line.
3. Work along the moulded detail. It should follow the outline closely — any gap you can see is worth marking.
4. Mark any difference on the print and send it back — that is enough to correct the section and recut the gauge.