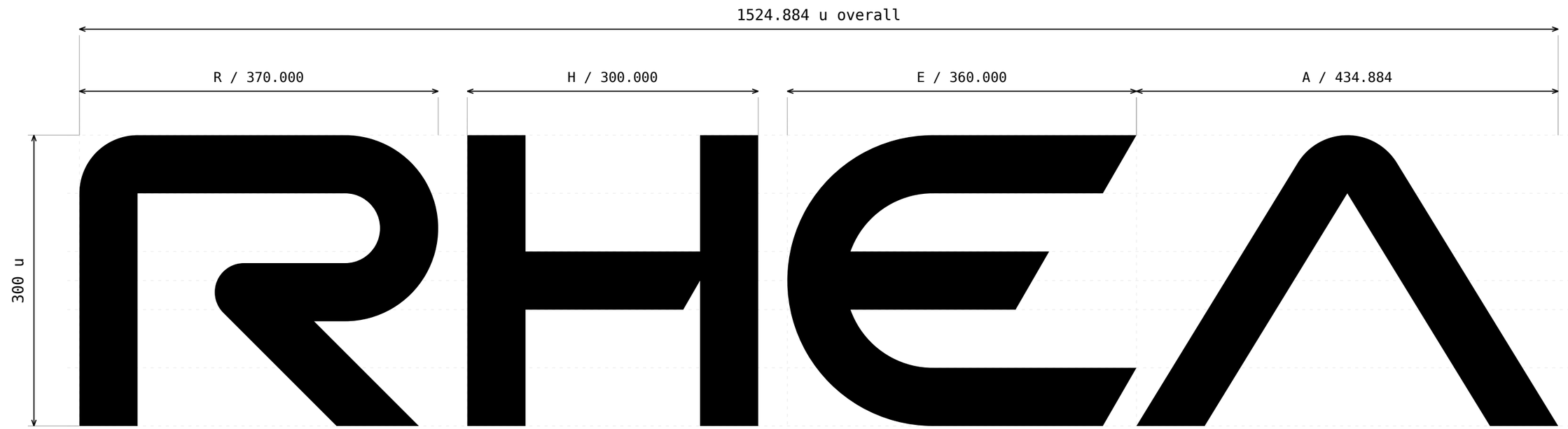
Master geometry

A narrower H and a consistent 30-u minimum outline clearance. Primary stroke dimensions remain 60 u.



Origin (0, 0) at R top-left; baseline y = 300. Dimension labels are rounded to 0.001 u.

POSITION & PROPORTION

Letter	Origin x / u	Width / u	Height / u
R	0.000	370.000	300.000
H	400.000	300.000	300.000
E	730.000	360.000	300.000
A	1090.000	434.884	300.000

CONTROL RULES

The H is 300 u wide, with 180 u between its uprights. Its 60-u uprights and main crossbar are not scaled thinner.

The R, E and A retain their previous local outlines. Their translations, and the H outline, are the revised elements.

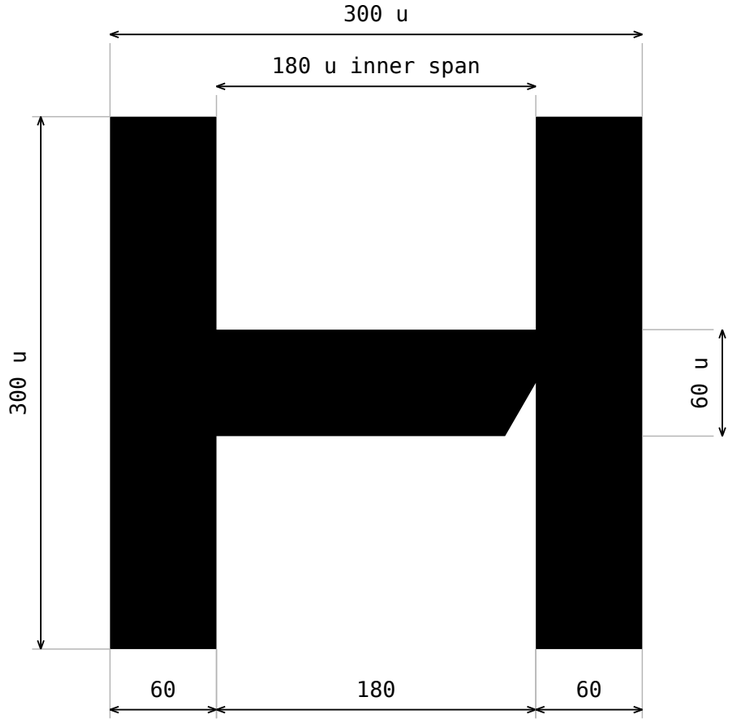
One design unit (u) is not one pixel or millimetre. Scale the entire wordmark uniformly. The SVG masters retain the controlling arc and path coordinates.

The export canvas includes 60 u of clear space on every side.

H proportion & E terminals

The H is rebuilt at the narrower width, not horizontally squeezed. The three E terminal angles remain identical.

H / 300 x 300 u

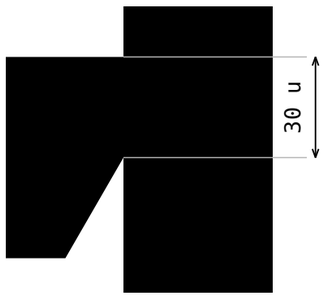


E / 360 x 300 u



UPPER 60° MIDDLE 60° LOWER 60°

BEVEL CONNECTION



60° cut
Upper contact: (240, 150)
Lower end: (222.679492, 180)
Right upright begins at x = 240.

The cut leaves an intentional 30-u connection; the main crossbar remains 60 u. It does not enter the upright.

E TERMINAL ENDPOINTS / LOCAL COORDINATES

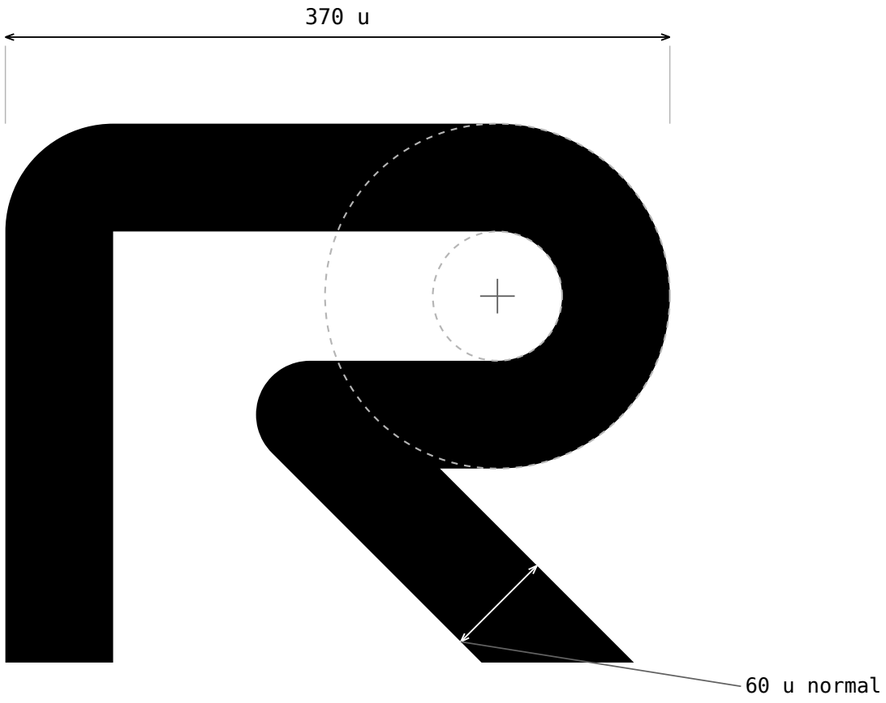
Cut	Upper / x, y	Lower / x, y
Upper	360, 0	325.358984, 60
Middle	270, 120	235.358984, 180
Lower	360, 240	325.358984, 300

The upper and lower cuts have matching x coordinates at corresponding endpoints. All three cuts use the same 60° inclination.

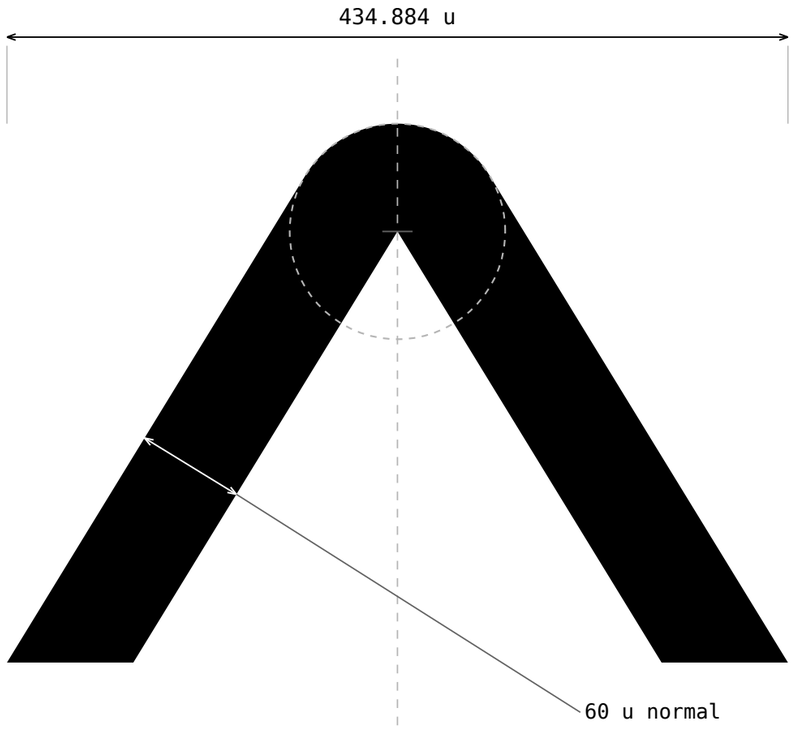
Curves & diagonal weight

The R and A contours are unchanged. Circular bands and diagonal stroke widths are measured in their normal directions.

R / RETAINED OUTLINE



A / RETAINED OUTLINE



R CONSTRUCTION VALUES

Element	Dimension
Outer / inner bowl radii	96 / 36 u
Upper-left / return radii	60 / 30 u
Diagonal inclination	45°
Diagonal normal thickness	60 u

R bowl and A crown joins are tangent. Angles and radii are checked against the SVG paths.

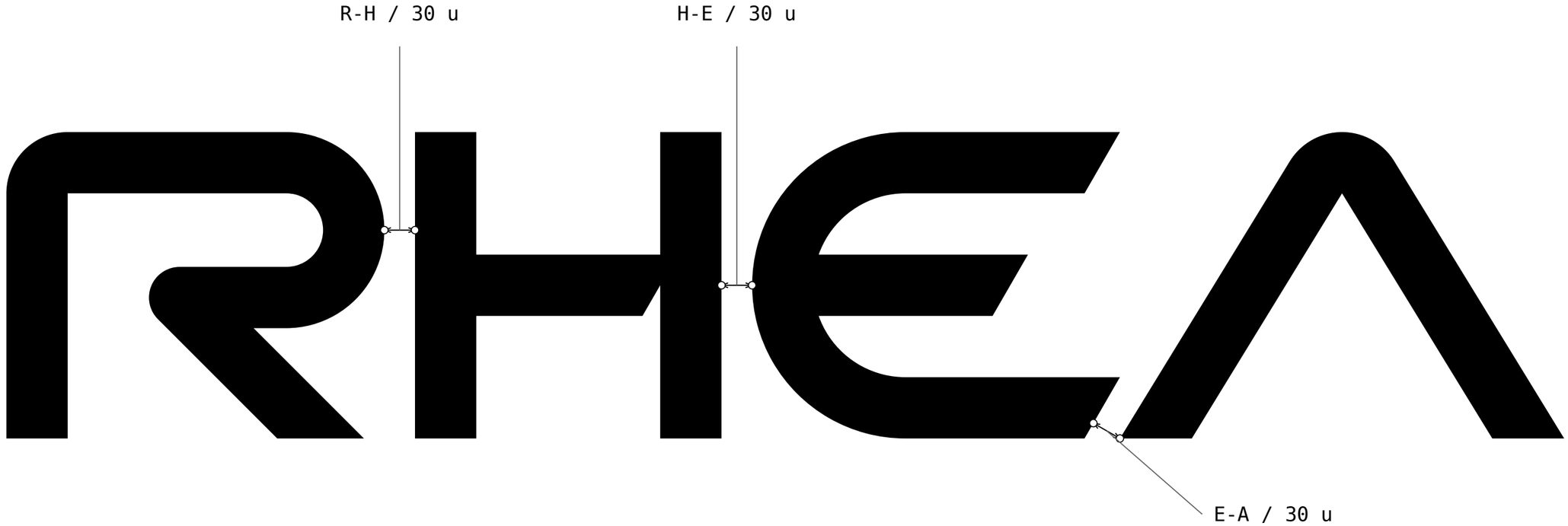
A CONSTRUCTION VALUES

Element	Dimension
Crown radius	60 u
Symmetry axis, local x	217.441851 u
Leg inclination / both sides	58.5°
Leg normal thickness	60 u

A leg footprint along the baseline is 70.369662 u; this is not its 60-u perpendicular thickness.

Spacing / one measurement rule

A 30-u minimum clearance between each pair of actual outlines. No projection or bounding-box shortcut is used for this equality.



MEASURED DISTANCES / ALL VALUES IN DESIGN UNITS

Pair	Previous minimum	R03 minimum	R03 baseline gap	R03 box gap
R-H	20.000	30.000	50.000	30.000
H-E	40.000	30.000	180.000	30.000
E-A	34.641	30.000	34.641	0.000

E-A detail: nearest points are E (1064.019238, 285) and A (1090, 300). The connecting segment is normal to the E cut. A 30-u normal clearance corresponds to a 34.641-u horizontal baseline gap.

A zero bounding-box gap for E-A does not mean the letters touch. Equal minimum distances also do not mean that the complete white-space areas are identical.

Before / after

Both versions use the same displayed letter height and stroke weight. The updated wordmark is not enlarged to hide its narrower H.

PREVIOUS EXPORT / R02

H: 340 u nearest gaps: 20 / 40 / 34.641 u



UPDATED / R03

H: 300 u nearest gaps: 30 / 30 / 30 u



11.76% narrower H

60-u primary weight retained

30-u clearances

Visual assessment: the H is less horizontally stretched, and the earlier R-H / H-E clearance mismatch is removed. That assessment is separate from the numerical checks.

Production & verification

Use the SVGs as the master artwork. The accompanying PDF artwork remains vector; the PNG exports are 4096 x 1046 pixels.

ACTUAL-SIZE PRINT SPECIMENS

Print this A3 sheet at 100% / actual size. The widths below refer to the ink outline, excluding clear space.



30 mm



60 mm

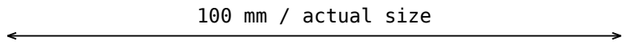


100 mm



100 mm

100-mm calibration rule



Starting sizes for review: 160 px digitally; 30 mm in print. Test the actual surface and reproduction process.

VERIFICATION SUMMARY

118 / 118 selected checks passed

Measurements are recalculated from the exported SVG paths. Straight-line and circular-arc candidates are checked across every segment pair to find the nearest outlines.

Check family	Result
Primary strokes / terminal angles	Verified
Minimum outline clearances	30 / 30 / 30 u
Letter topology / overlap	4 valid / no overlap
Colour and background variants	Same geometry
Two-renderer size tests	96 to 960 px

Precision: analytical checks use a numerical tolerance of 0.00000001 u or degrees. A sampled-contour cross-check uses 0.0001 u. The full results and runnable checker are included.

Limits: these are construction and export checks, not proof of universal optical perfection. The 30-u H connection is intentional. No physical print sample or independent design certification is claimed.

CONTROLLING SVG / SHA-256

21b3d33587610aed615195e9248035f0
ae6c07b18b996f5d960d8172516bc2ef

TYPOGRAPHY CONTEXT / NOT A LOGO CERTIFICATION

Adobe: An introduction to kerning

Glyphs: Spacing

These sources discuss judging spacing by letter shapes and intended use size. They do not evaluate or endorse this artwork.