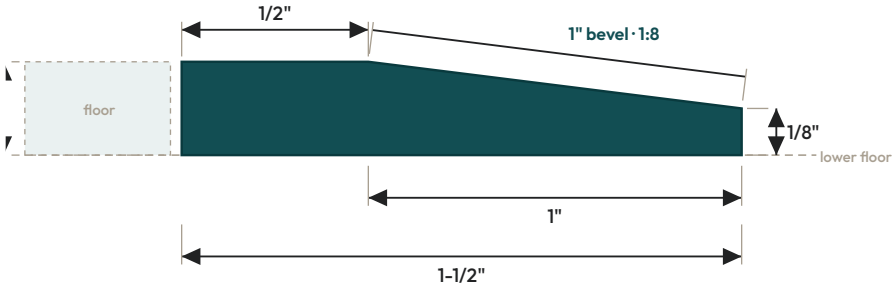
Flush Bevel Reducer

New profile submittal · Rev A · 10/08/2026 · semi-custom, milled to order

A flush reducer for two floors at different heights. The square high edge butts the higher floor with its top flush to it; a short flat land carries the line across, and one straight bevel runs down to a 1/8" square toe on the lower floor. Pick the size by the difference between the two finished floors: the thickness equals that difference.

PROFILE 01 UW9901 · Flush Bevel Reducer · 1/4" × 1-1/2"



CROSS-SECTION · ENLARGED ABOUT 1.9× · SEE PAGE 5 FOR A 1:1 TEMPLATE

OVERALL WIDTH
1-1/2"

OVERALL THICKNESS
1/4" · held +0 / -1/32"

FLAT LAND
1/2"

BEVEL RUN
1"

BEVEL FACE
1" (1.01")

SLOPE
1/8" over 1" · 1:8 · 7.1°

TOE EDGE
1/8" square

CHANGE IN LEVEL
1/4" — the two floors differ by this

LENGTH · STOCK
12' stock · sold by the linear foot

PART NUMBERS
UW9901RO Red Oak · UW9901WO White Oak · UW9901HK Hickory · UW9901MP Maple

ADA COMPLIANT · 2010 ADA STANDARDS §303.2

A 1/4" change in level is within the 1/4" that §303.2 allows even as a plain vertical step; the 1:8 bevel is gentler still. Compliant on an accessible route when the high edge is set flush with the higher floor.

APPLICATION

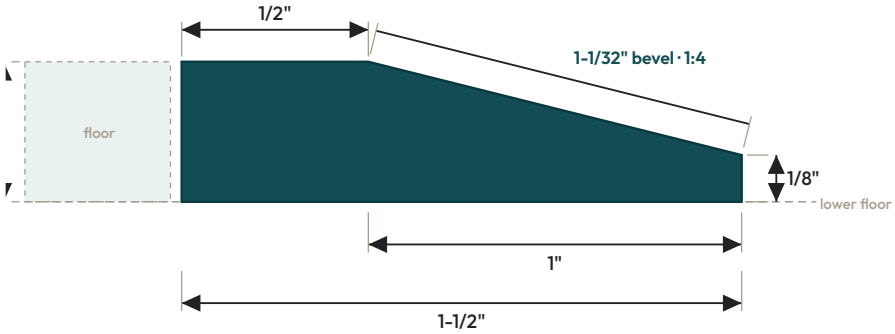
Set the reducer on the lower floor or subfloor with its high edge tight to the higher floor and its top flush with it; fasten or glue the body down. Over a floating floor, leave the floating floor its expansion gap at the high edge. Bevel face and slope are computed from the run (1") and the rise (thickness less the 1/8" toe).

Flush Bevel Reducer

New profile submittal · Rev A · 10/08/2026 · semi-custom, milled to order

A flush reducer for two floors at different heights. The square high edge butts the higher floor with its top flush to it; a short flat land carries the line across, and one straight bevel runs down to a 1/8" square toe on the lower floor. Pick the size by the difference between the two finished floors: the thickness equals that difference.

PROFILE 02 UW9902 · Flush Bevel Reducer · 3/8" × 1-1/2"



CROSS-SECTION · ENLARGED ABOUT 1.9× · SEE PAGE 5 FOR A 1:1 TEMPLATE

OVERALL WIDTH	1-1/2"
OVERALL THICKNESS	3/8" · held +0 / -1/32"
FLAT LAND	1/2"
BEVEL RUN	1"
BEVEL FACE	1-1/32" (1.03")
SLOPE	1/4" over 1" · 1:4 · 14.0°
TOE EDGE	1/8" square
CHANGE IN LEVEL	3/8" — the two floors differ by this
LENGTH · STOCK	12' stock · sold by the linear foot
PART NUMBERS	UW9902RO Red Oak · UW9902WO White Oak · UW9902HK Hickory · UW9902MP Maple

ADA COMPLIANT · 2010 ADA STANDARDS §303.3

A 3/8" change in level is in the 1/4"–1/2" band of §303.3, which must be beveled no steeper than 1:2. The bevel is 1:4 (1:3.65 at the worst tolerance) and the 1/8" toe is within the 1/4" allowed vertical. Compliant on an accessible route when the high edge is set flush with the higher floor.

APPLICATION

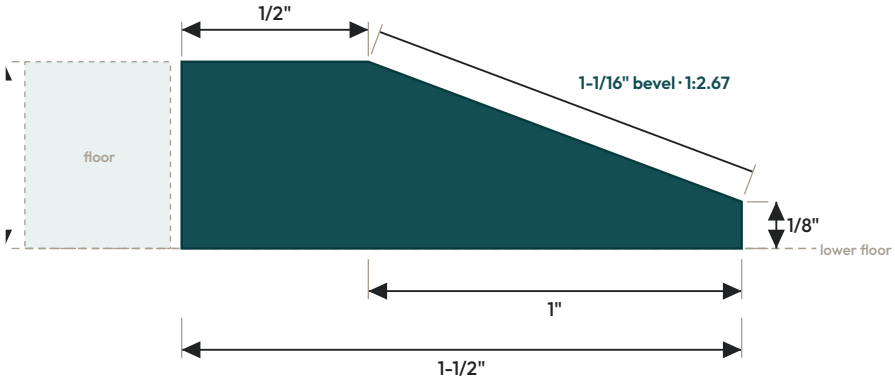
Set the reducer on the lower floor or subfloor with its high edge tight to the higher floor and its top flush with it; fasten or glue the body down. Over a floating floor, leave the floating floor its expansion gap at the high edge. Bevel face and slope are computed from the run (1") and the rise (thickness less the 1/8" toe).

Flush Bevel Reducer

New profile submittal · Rev A · 10/08/2026 · semi-custom, milled to order

A flush reducer for two floors at different heights. The square high edge butts the higher floor with its top flush to it; a short flat land carries the line across, and one straight bevel runs down to a 1/8" square toe on the lower floor. Pick the size by the difference between the two finished floors: the thickness equals that difference.

PROFILE 03 UW9903 · Flush Bevel Reducer · 1/2" × 1-1/2"



CROSS-SECTION · ENLARGED ABOUT 1.9× · SEE PAGE 5 FOR A 1:1 TEMPLATE

OVERALL WIDTH
1-1/2"

OVERALL THICKNESS
1/2" · held +0 / -1/32"

FLAT LAND
1/2"

BEVEL RUN
1"

BEVEL FACE
1-1/16" (1.07")

SLOPE
3/8" over 1" · 1:2.67 · 20.6°

TOE EDGE
1/8" square

CHANGE IN LEVEL
1/2" — the two floors differ by this

LENGTH · STOCK
12' stock · sold by the linear foot

PART NUMBERS
UW9903RO Red Oak · UW9903WO White Oak · UW9903HK Hickory · UW9903MP Maple

ADA COMPLIANT · 2010 ADA STANDARDS §303.3

A 1/2" change in level is in the 1/4"–1/2" band of §303.3, which must be beveled no steeper than 1:2. The bevel is 1:2.67 (1:2.48 at the worst tolerance) and the 1/8" toe is within the 1/4" allowed vertical. Compliant on an accessible route when the high edge is set flush with the higher floor.

APPLICATION

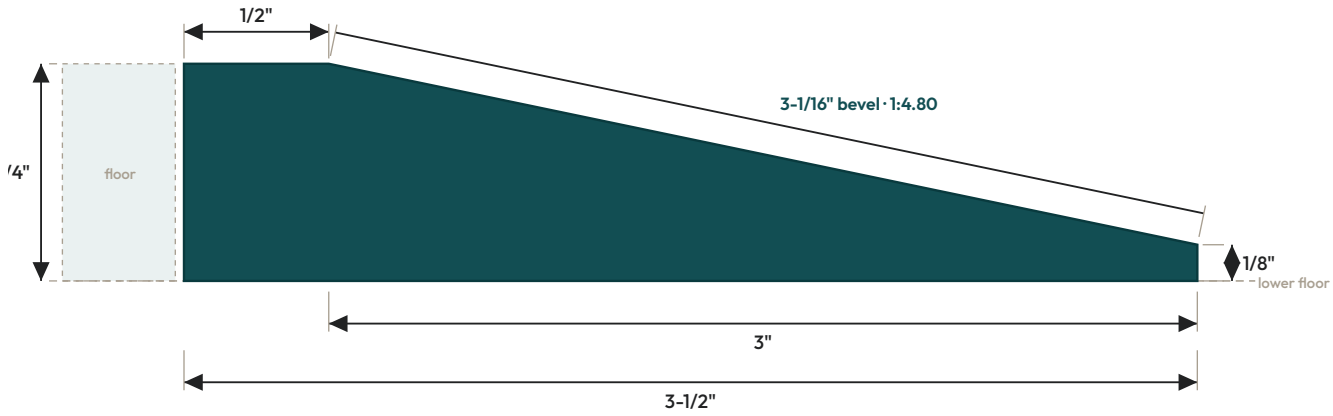
Set the reducer on the lower floor or subfloor with its high edge tight to the higher floor and its top flush with it; fasten or glue the body down. Over a floating floor, leave the floating floor its expansion gap at the high edge. Bevel face and slope are computed from the run (1") and the rise (thickness less the 1/8" toe).

Flush Bevel Reducer

New profile submittal · Rev A · 10/08/2026 · semi-custom, milled to order

A flush reducer for two floors at different heights. The square high edge butts the higher floor with its top flush to it; a short flat land carries the line across, and one straight bevel runs down to a 1/8" square toe on the lower floor. Pick the size by the difference between the two finished floors: the thickness equals that difference.

PROFILE 04 UW9904 · Flush Bevel Reducer · 3/4" × 3-1/2"



CROSS-SECTION · ENLARGED ABOUT 1.5× · SEE PAGE 5 FOR A 1:1 TEMPLATE

OVERALL WIDTH
3-1/2"

OVERALL THICKNESS
3/4" · ± 1/64"

FLAT LAND
1/2"

BEVEL RUN
3"

BEVEL FACE
3-1/16" (3.06")

SLOPE
5/8" over 3" · 1:4.80 · 11.8°

TOE EDGE
1/8" square

CHANGE IN LEVEL
3/4" — the two floors differ by this

LENGTH · STOCK
12' stock · sold by the linear foot

PART NUMBERS
UW9904RO Red Oak · UW9904WO White Oak · UW9904HK Hickory · UW9904MP Maple

NOT ADA COMPLIANT · OVER THE 1/2" LIMIT OF 2010 ADA §303

A 3/4" change in level is over the 1/2" that any bevel may cover (§303.3); beyond it §303.4 calls for a ramp no steeper than 1:12, which a 3-1/2" moulding is not. Do not specify it on an accessible route. For an accessible route, bring the difference down to 1/2" and use UW9903.

APPLICATION

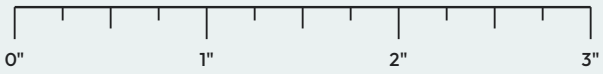
Set the reducer on the lower floor or subfloor with its high edge tight to the higher floor and its top flush with it; fasten or glue the body down. Over a floating floor, leave the floating floor its expansion gap at the high edge. Bevel face and slope are computed from the run (3") and the rise (thickness less the 1/8" toe).

Full-Scale Template

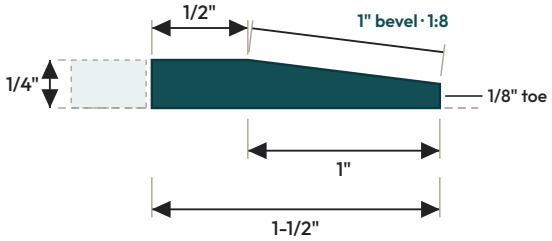
Flush Bevel Reducer · all four profiles at 1:1 · Rev A · 10/08/2026

PRINT AT 100%

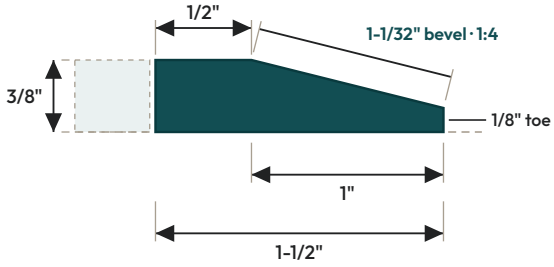
Set the print dialog to Actual Size / 100% scale and turn off Fit to Page. Then lay a tape on the check bar below: it must read exactly 3". If it does not, the page has been rescaled and the profiles are not true.



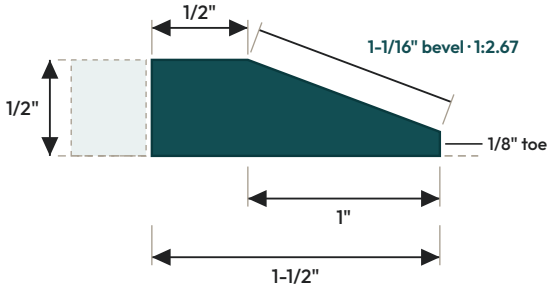
UW9901 · 1/4" × 1-1/2" ADA COMPLIANT



UW9902 · 3/8" × 1-1/2" ADA COMPLIANT



UW9903 · 1/2" × 1-1/2" ADA COMPLIANT



UW9904 · 3/4" × 3-1/2" NOT ADA COMPLIANT

