

RACK FIT / NARROW TO WIDE SUPPORT POSITIONS

Fits 40.41 - 46.24 in outside-to-outside support span

Shown with 2.00 in-wide supports and 0.125 in clearance at each frame/sleeve boundary.

Solid green = narrowest position. Dashed gray = widest position. Ghosts show support width along the bar.

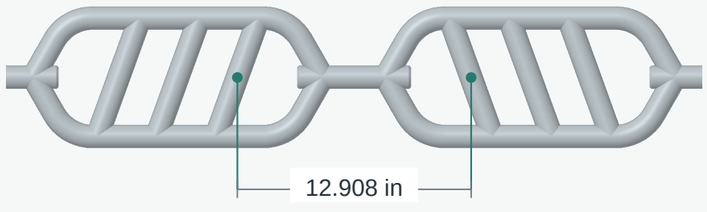
Other supports: inside opening >= 36.412 in; outside span <= 46.237 in at the stated clearance.

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

INNER GRIP

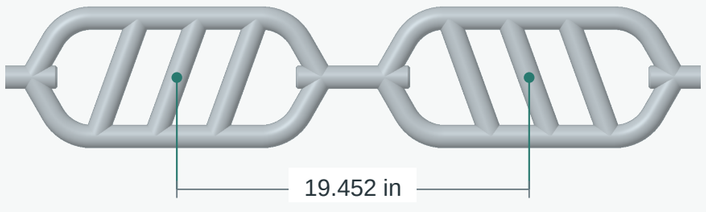
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

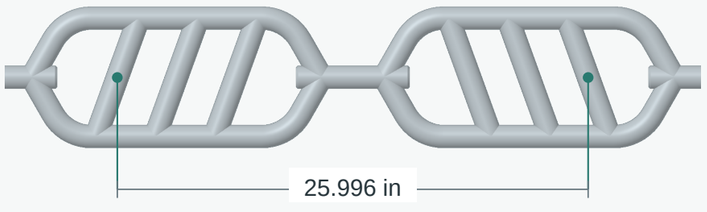
19.452 in



Along handle: 17.086 - 21.817 in

OUTER GRIP

25.996 in



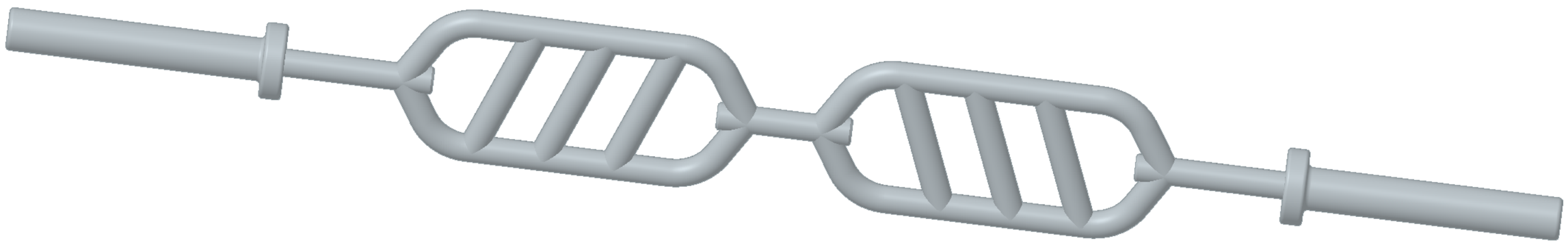
Along handle: 23.630 - 28.362 in

Support width: up to 5.163 in per side before clearance. Minimum bearing width comes from the bench manufacturer.

Handle ranges are modeled centerlines, not verified hand-clearance limits. Check lips, padding and unracking.

REPS DIRECT / ORIGINAL FOOTBALL BAR

36-72 / BUILD



WHAT WE BUILD

1. Two side frames: four formed frame members and six knurled angled handles.
2. Fit and weld three handles into each side; cope frame ends to fit the solid members.
3. Fit and weld the center and outer solid bars; machine/thread the specified solid-bar holes.
4. Two end assemblies: hollow sleeve tube, small end billet and larger collar billet per side.
5. Apply selected finish; assemble rotating sleeves with two retaining shoulder bolts; box and pack.

CARBON STEEL / GLOSS-BLACK POWDER COAT

304/304L / BARE STAINLESS

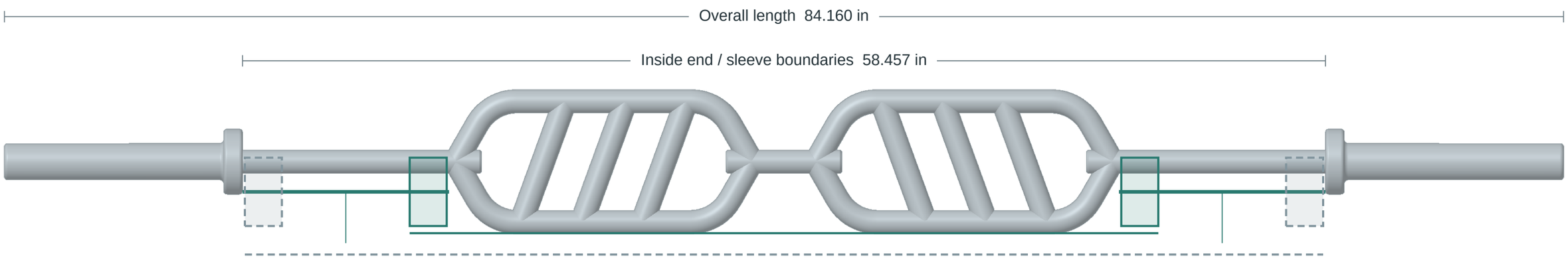
Select the configuration and finish on the product page for current pricing.

Bar and packaging included. Plates, plate collars, rack and bench excluded.

Actual CAD geometry shown; render is not a finish sample. See matching fit sheet for rack and grip measurements.

Confirm final fit and manufacturing specification. No certified load rating claimed.

Made to order / production timing confirmed with order / configuration-specific fit, not universal compatibility.



RACK FIT / NARROW TO WIDE SUPPORT POSITIONS

Fits 40.41 - 58.21 in outside-to-outside support span

Shown with 2.00 in-wide supports and 0.125 in clearance at each frame/sleeve boundary.

Solid green = narrowest position. Dashed gray = widest position. Ghosts show support width along the bar.

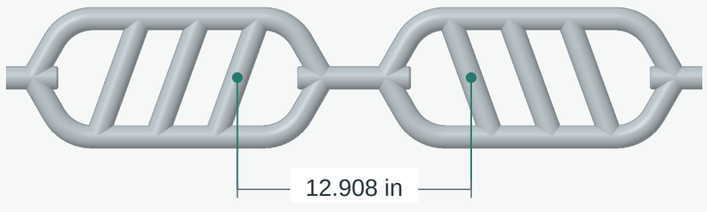
Other supports: inside opening >= 36.412 in; outside span <= 58.207 in at the stated clearance.

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

INNER GRIP

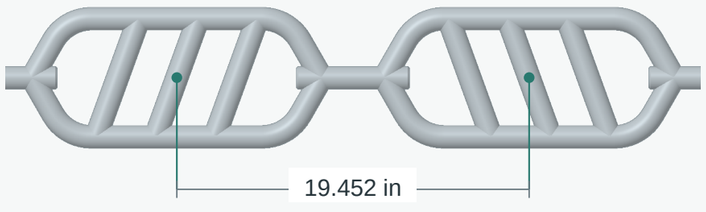
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

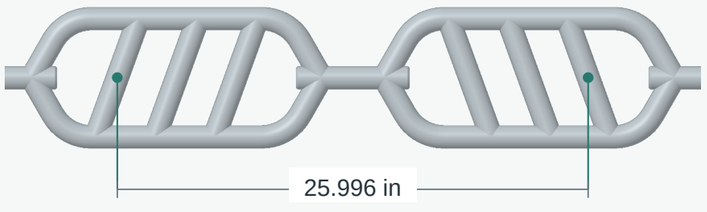
19.452 in



Along handle: 17.086 - 21.817 in

OUTER GRIP

25.996 in



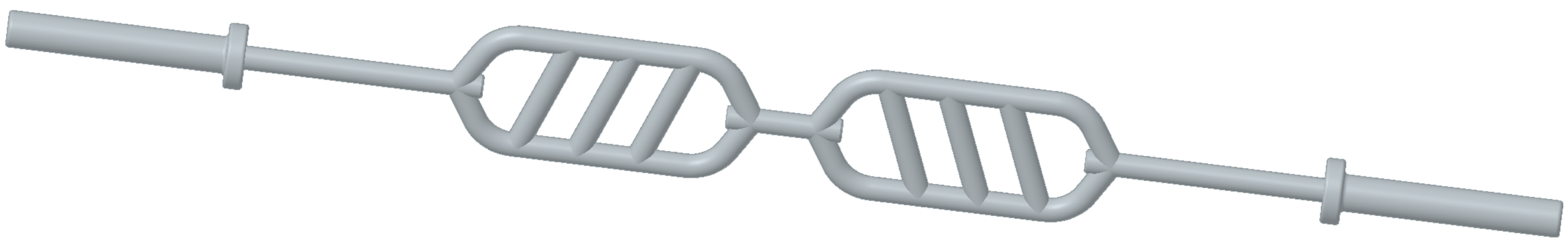
Along handle: 23.630 - 28.362 in

Support width: up to 11.148 in per side before clearance. Minimum bearing width comes from the bench manufacturer.

Handle ranges are modeled centerlines, not verified hand-clearance limits. Check lips, padding and unracking.

REPS DIRECT / ORIGINAL FOOTBALL BAR

36-84 / BUILD



WHAT WE BUILD

1. Two side frames: four formed frame members and six knurled angled handles.
2. Fit and weld three handles into each side; cope frame ends to fit the solid members.
3. Fit and weld the center and outer solid bars; machine/thread the specified solid-bar holes.
4. Two end assemblies: hollow sleeve tube, small end billet and larger collar billet per side.
5. Apply selected finish; assemble rotating sleeves with two retaining shoulder bolts; box and pack.

CARBON STEEL / GLOSS-BLACK POWDER COAT

304/304L / BARE STAINLESS

Select the configuration and finish on the product page for current pricing.

Bar and packaging included. Plates, plate collars, rack and bench excluded.

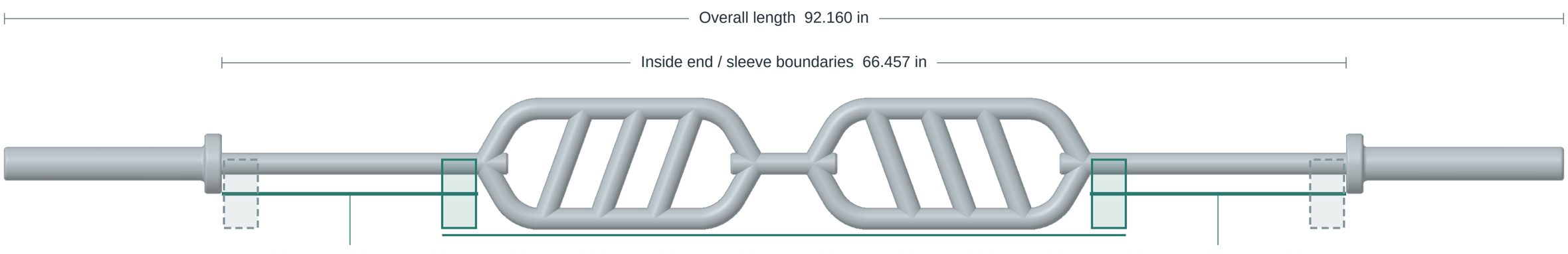
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FOOTBALL BAR

36-92<As Machined>



RACK FIT / NARROW TO WIDE SUPPORT POSITIONS

Fits 40.41 - 66.21 in outside-to-outside support span

Shown with 2.00 in-wide supports and 0.125 in clearance at each frame/sleeve boundary.

Solid green = narrowest position. Dashed gray = widest position. Ghosts show support width along the bar.

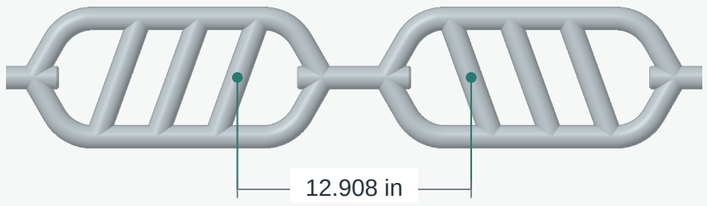
Other supports: inside opening >= 36.412 in; outside span <= 66.207 in at the stated clearance.

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

INNER GRIP

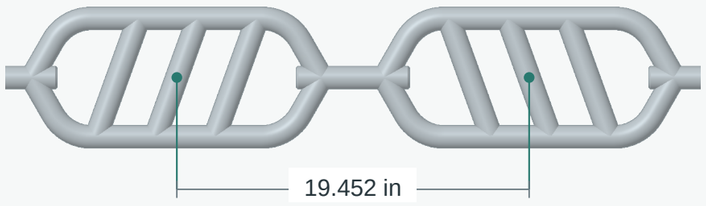
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

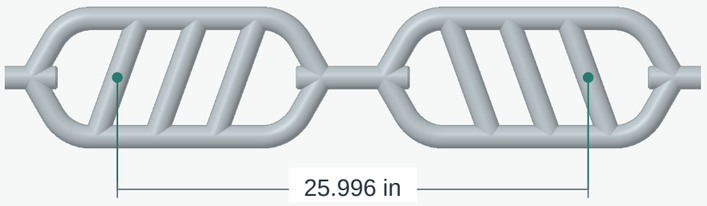
19.452 in



Along handle: 17.086 - 21.817 in

OUTER GRIP

25.996 in



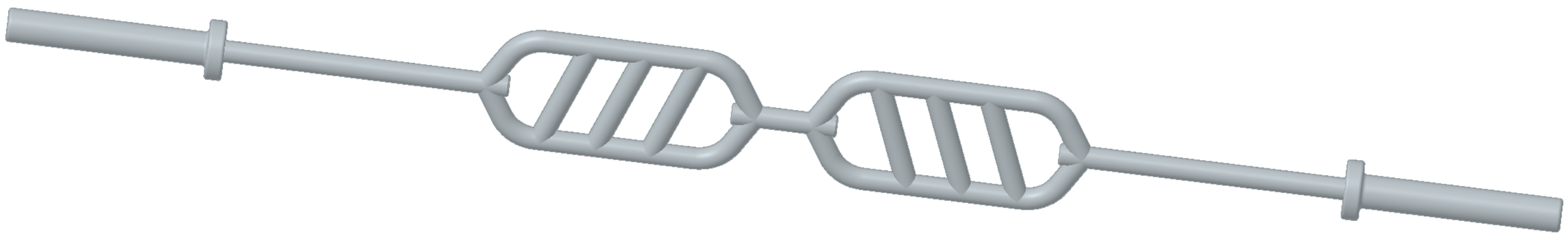
Along handle: 23.630 - 28.362 in

Support width: up to 15.148 in per side before clearance. Minimum bearing width comes from the bench manufacturer.

Handle ranges are modeled centerlines, not verified hand-clearance limits. Check lips, padding and unracking.

REPS DIRECT / ORIGINAL FOOTBALL BAR

36-92 / BUILD



WHAT WE BUILD

1. Two side frames: four formed frame members and six knurled angled handles.
2. Fit and weld three handles into each side; cope frame ends to fit the solid members.
3. Fit and weld the center and outer solid bars; machine/thread the specified solid-bar holes.
4. Two end assemblies: hollow sleeve tube, small end billet and larger collar billet per side.
5. Apply selected finish; assemble rotating sleeves with two retaining shoulder bolts; box and pack.

CARBON STEEL / GLOSS-BLACK POWDER COAT

304/304L / BARE STAINLESS

Select the configuration and finish on the product page for current pricing.

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Confirm final fit and manufacturing specification. No certified load rating claimed.

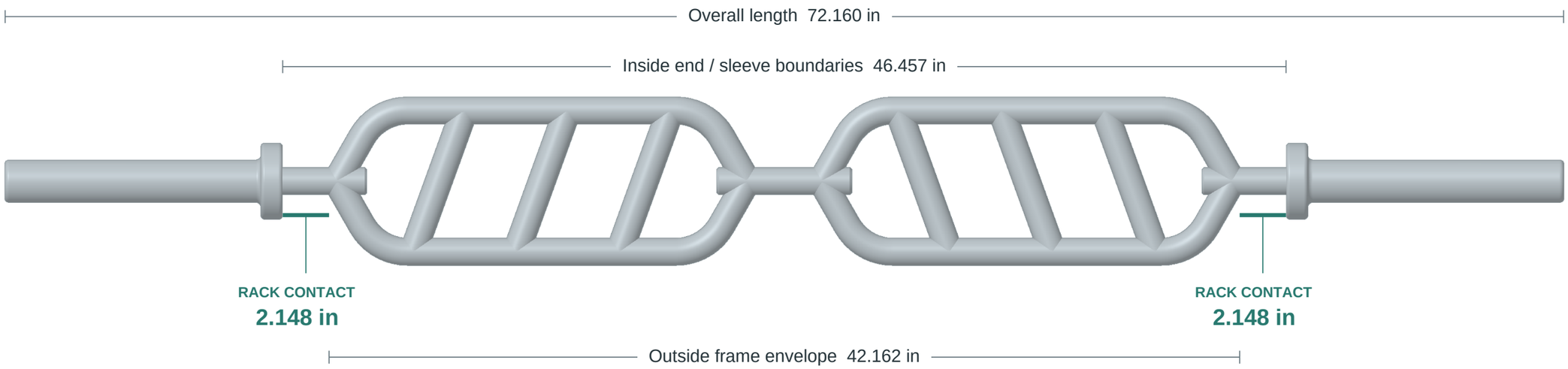
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UNITED MACHINE

CUSTOMER CONFIGURATION / FIT & HAND PLACEMENT

FOOTBALL BAR

42-72



BENCH SUPPORT FIT

Inside gap **42.162 in minimum + clearance**

Outside span **46.457 in maximum - clearance**

Add 2 x chosen axial clearance to inside gap; subtract 2 x clearance from outside span.

BAR CONTACT DIAMETER

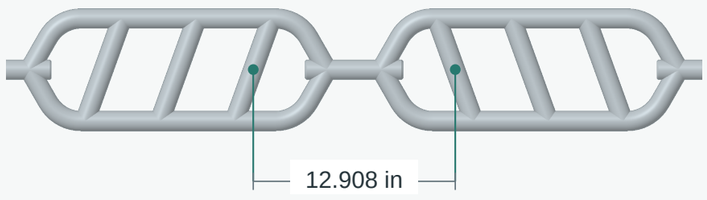
1.250 in

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

INNER GRIP

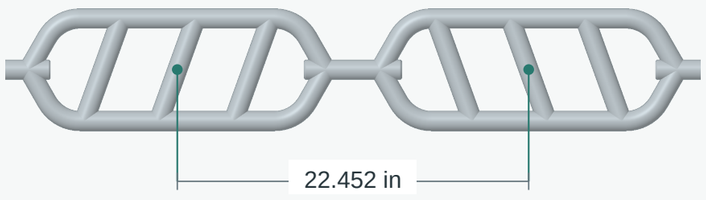
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

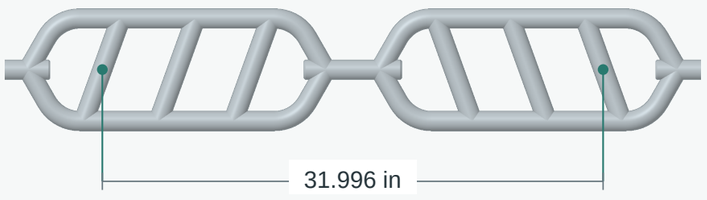
22.452 in



Along handle: 20.086 - 24.817 in

OUTER GRIP

31.996 in



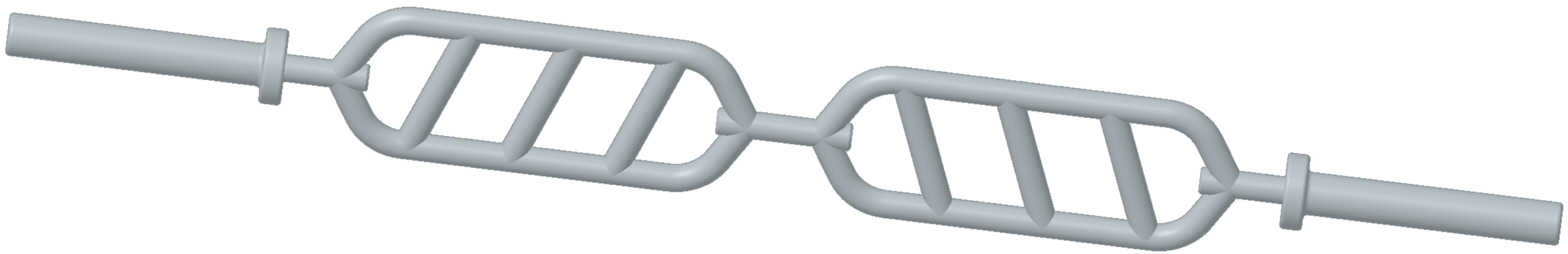
Along handle: 29.630 - 34.362 in

Support width: up to 2.148 in per side before clearance. Minimum bearing width comes from the bench manufacturer.

Handle ranges are modeled centerlines, not verified hand-clearance limits. Check lips, padding and unracking.

REPS DIRECT / ORIGINAL FOOTBALL BAR

42-72 / BUILD



WHAT WE BUILD

1. Two side frames: four formed frame members and six knurled angled handles.
2. Fit and weld three handles into each side; cope frame ends to fit the solid members.
3. Fit and weld the center and outer solid bars; machine/thread the specified solid-bar holes.
4. Two end assemblies: hollow sleeve tube, small end billet and larger collar billet per side.
5. Apply selected finish; assemble rotating sleeves with two retaining shoulder bolts; box and pack.

CARBON STEEL / GLOSS-BLACK POWDER COAT

304/304L / BARE STAINLESS

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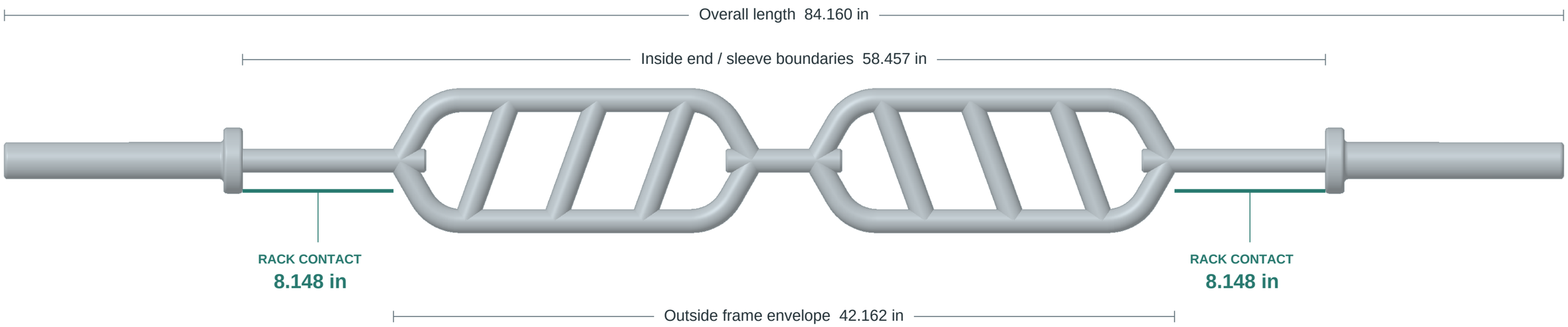
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UNITED MACHINE

CUSTOMER CONFIGURATION / FIT & HAND PLACEMENT

FOOTBALL BAR

42-84



BENCH SUPPORT FIT

Inside gap **42.162 in minimum + clearance**

Outside span **58.457 in maximum - clearance**

Add 2 x chosen axial clearance to inside gap; subtract 2 x clearance from outside span.

BAR CONTACT DIAMETER

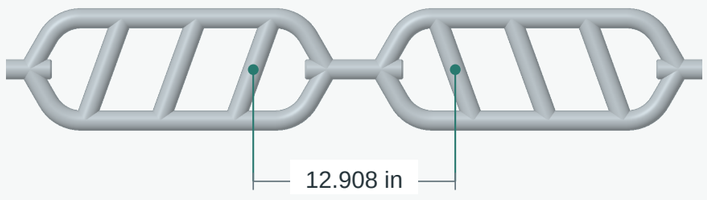
1.250 in

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

INNER GRIP

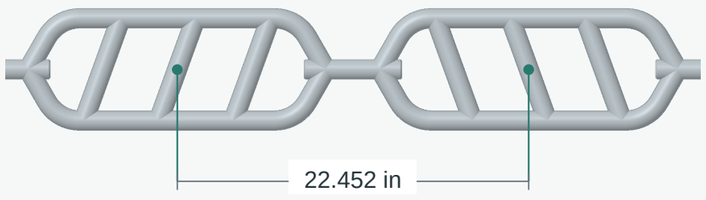
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

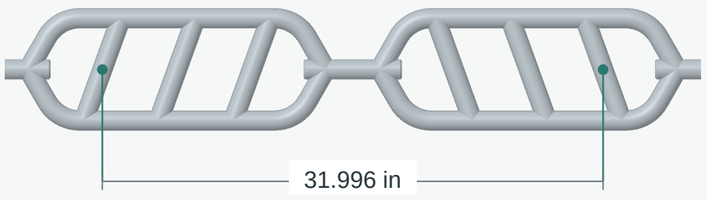
22.452 in



Along handle: 20.086 - 24.817 in

OUTER GRIP

31.996 in



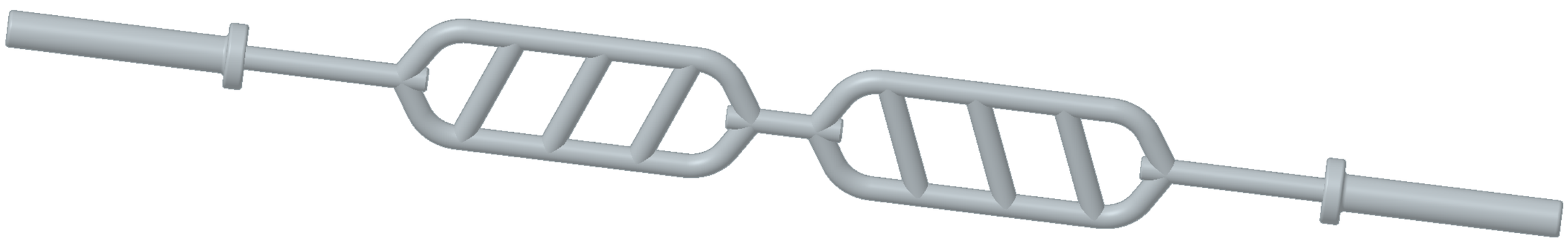
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REPS DIRECT / ORIGINAL FOOTBALL BAR

42-84 / BUILD



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CARBON STEEL / GLOSS-BLACK POWDER COAT

304/304L / BARE STAINLESS

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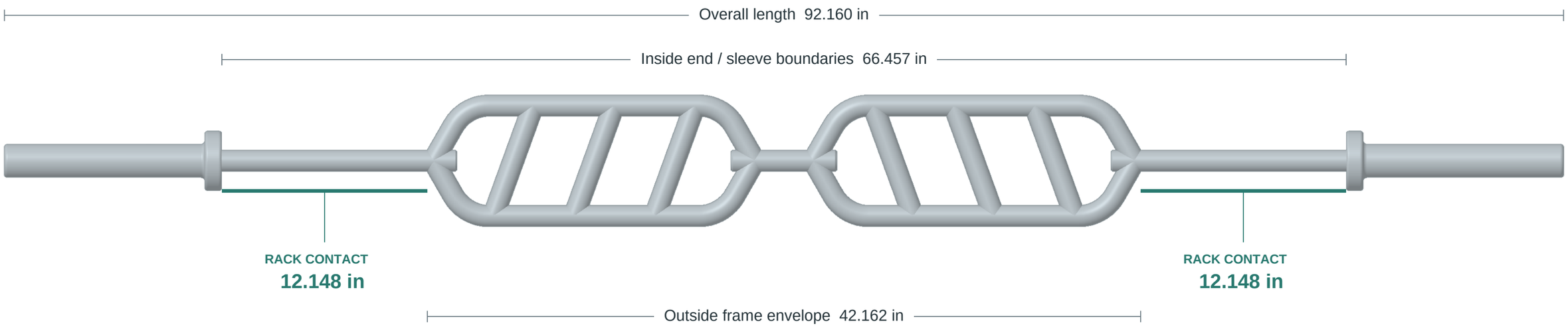
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UNITED MACHINE

CUSTOMER CONFIGURATION / FIT & HAND PLACEMENT

FOOTBALL BAR

42-92



BENCH SUPPORT FIT

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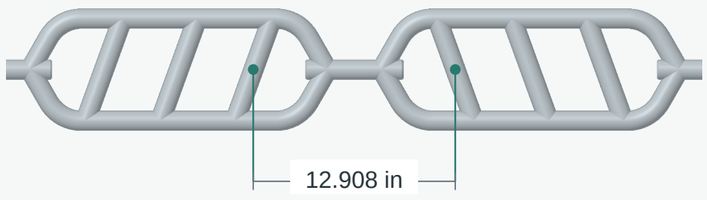
1.250 in

CHOOSE YOUR HAND POSITION

Matched left / right grips. Spacing measured at the shaft centerline.

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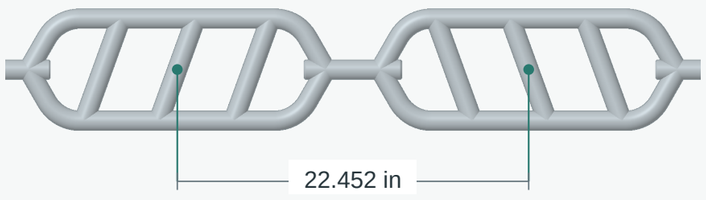
12.908 in



Along handle: 10.542 - 15.273 in

MIDDLE GRIP

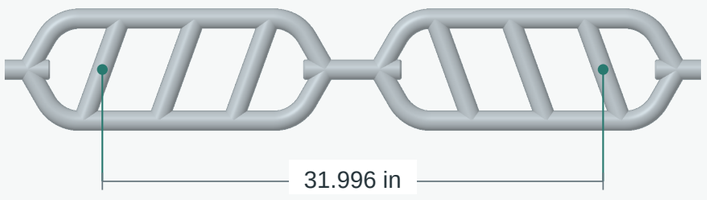
22.452 in



Along handle: 20.086 - 24.817 in

OUTER GRIP

31.996 in



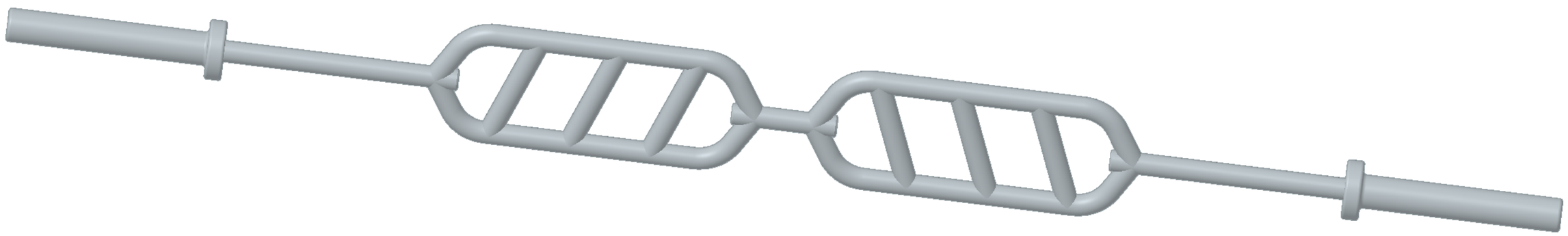
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42-92 / BUILD



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