# **V4 Horizontal Guardrail** — 36" vs 42" at a glance

Both heights use the same posts, rails, brackets and finish. The 42" version is taller and carries **2 more round rails**, so the gaps get slightly smaller.

| | 36" height | 42" height |
|---|---|---|
| Overall height (incl. base plate) | **36"** (915mm) | **42"** (1067mm) |
| Round rails per section | **6** × Ø5/8" (16mm) | **8** × Ø5/8" (16mm) |
| Gap between rails | **3 3/4"** (95mm) | **3 7/16"** (88mm) |
| Gap under bottom rail | **3 11/16"** (94mm) | **3 7/16"** (87mm) |
| Line / end post cut length | 35 7/8" (911mm) | 41 7/8" (1063mm) |
| Center picket | 20×40mm, 29 3/4" (755mm) | 20×40mm, 36" (914mm) |
| End post rail holes | 6 × Ø3/4" @ 4 3/8" (111mm) | 8 × Ø3/4" @ 4 1/8" (104mm) |
| SECTION WIDTHS (SAME FOR BOTH HEIGHTS) | | |
| 4.5' section | Post spacing **56 1/8"** (1425mm) center-to-center · clear opening 54 1/2" (1385mm) · round rails 55 5/8" (1413mm) | |
| 6' section | Post spacing **74 1/2"** (1893mm) center-to-center · clear opening 72 15/16" (1853mm) · round rails 74 1/16" (1881mm) | |
| COMMON TO BOTH | | |
| Material | Carbon steel · 40×40mm posts & top rail, 18GA (1.2mm) wall · 20×40mm bottom rail | |
| Brackets | Detachable bolt-on brackets, 3mm plate (top rail and bottom rail) | |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) | |
| Item codes | v4GR36-4 · v4GR36-6 · v4GR36e2 | v4GR42-4 · v4GR42-6 · v4GR42e2 |

**How a run goes together**

End post → kit → kit → … → end post. Each kit brings its own line post on one side; finish the open side of the last kit with an end post.



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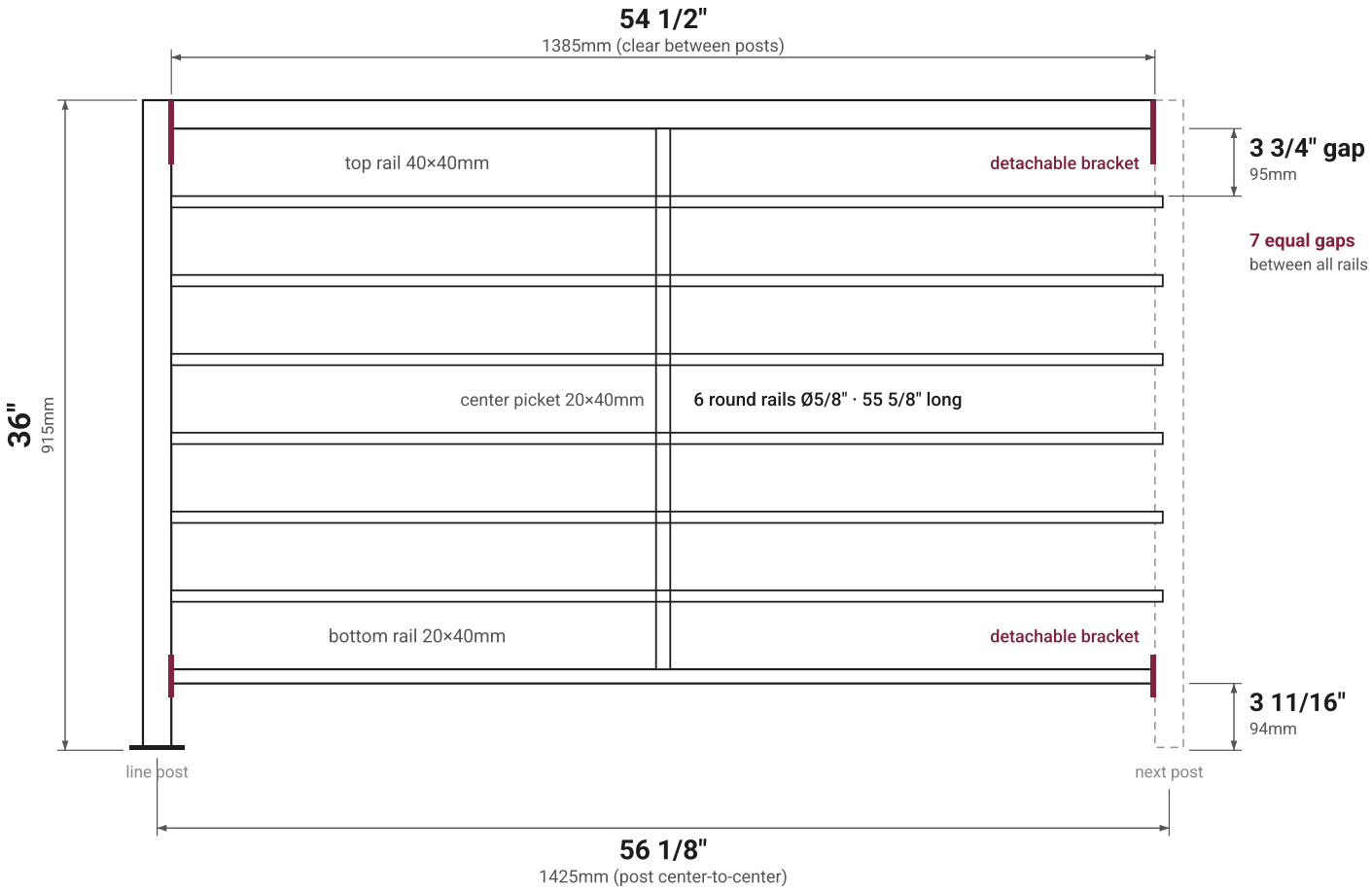
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# 4.5'W × 36"H Horizontal Guardrail Kit Specification

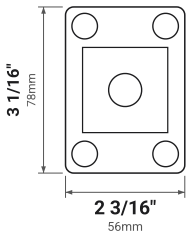
| | |
|---|---|
| Material | Carbon Steel |
| Line post | 40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut |
| Top rail | 40×40mm, 54 5/16" (1379mm) cut |
| Bottom rail | 20×40mm, 54 5/16" (1379mm) cut |
| Center picket | 20×40mm, 29 3/4" (755mm) |
| Brackets | Detachable, bolt-on, 3mm plate |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) |

## KEY DIMENSIONS

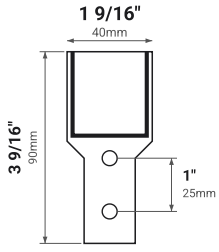
| | |
|---|---|
| Height | 36" (915mm) incl. base plate |
| Post spacing | 56 1/8" (1425mm) center-to-center |
| Round rails | 6 × Ø5/8" (16mm), 55 5/8" (1413mm) long |
| Gap between rails | 3 3/4" (95mm) — 7 equal gaps |
| Under bottom rail | 3 11/16" (94mm) to ground |



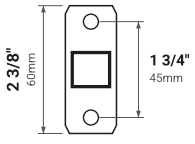

## DETAIL — CONNECTIONS




**POST BASE PLATE**
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes




**TOP RAIL BRACKET**
fits 40×40mm top rail · 3mm plate
bolts to post, detachable




**BOTTOM RAIL BRACKET**
fits 20×40mm bottom rail · 3mm plate
bolts to post, detachable

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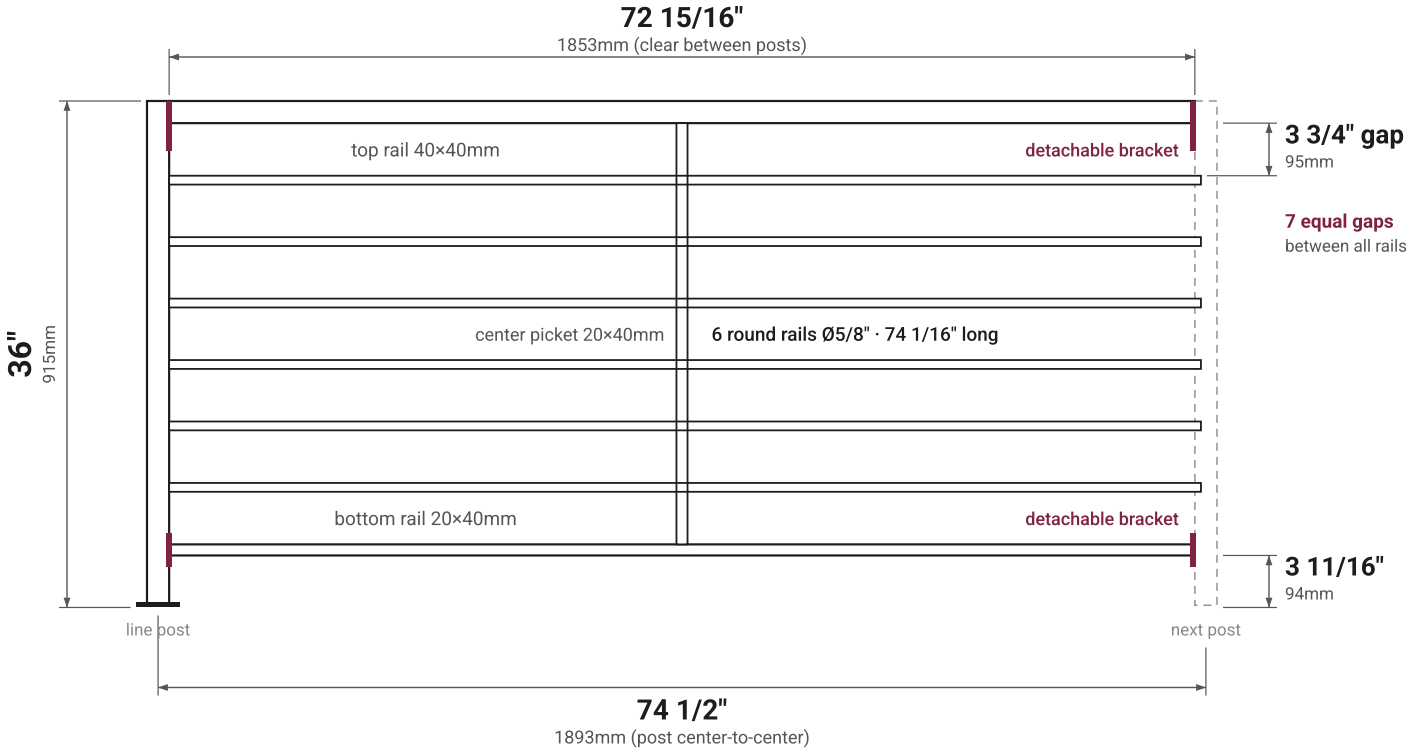
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# 6'W × 36"H Horizontal Guardrail Kit Specification

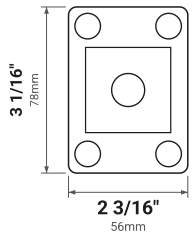
| | |
|---|---|
| Material | Carbon Steel |
| Line post | 40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut |
| Top rail | 40×40mm, 72 11/16" (1847mm) cut |
| Bottom rail | 20×40mm, 72 11/16" (1847mm) cut |
| Center picket | 20×40mm, 29 3/4" (755mm) |
| Brackets | Detachable, bolt-on, 3mm plate |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) |

## KEY DIMENSIONS

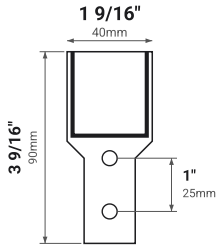
| | |
|---|---|
| Height | 36" (915mm) incl. base plate |
| Post spacing | 74 1/2" (1893mm) center-to-center |
| Round rails | 6 × Ø5/8" (16mm), 74 1/16" (1881mm) long |
| Gap between rails | 3 3/4" (95mm) — 7 equal gaps |
| Under bottom rail | 3 11/16" (94mm) to ground |



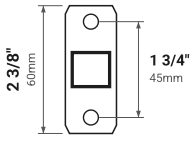

## DETAIL — CONNECTIONS




**POST BASE PLATE**
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes




**TOP RAIL BRACKET**
fits 40×40mm top rail · 3mm plate
bolts to post, detachable




**BOTTOM RAIL BRACKET**
fits 20×40mm bottom rail · 3mm plate
bolts to post, detachable

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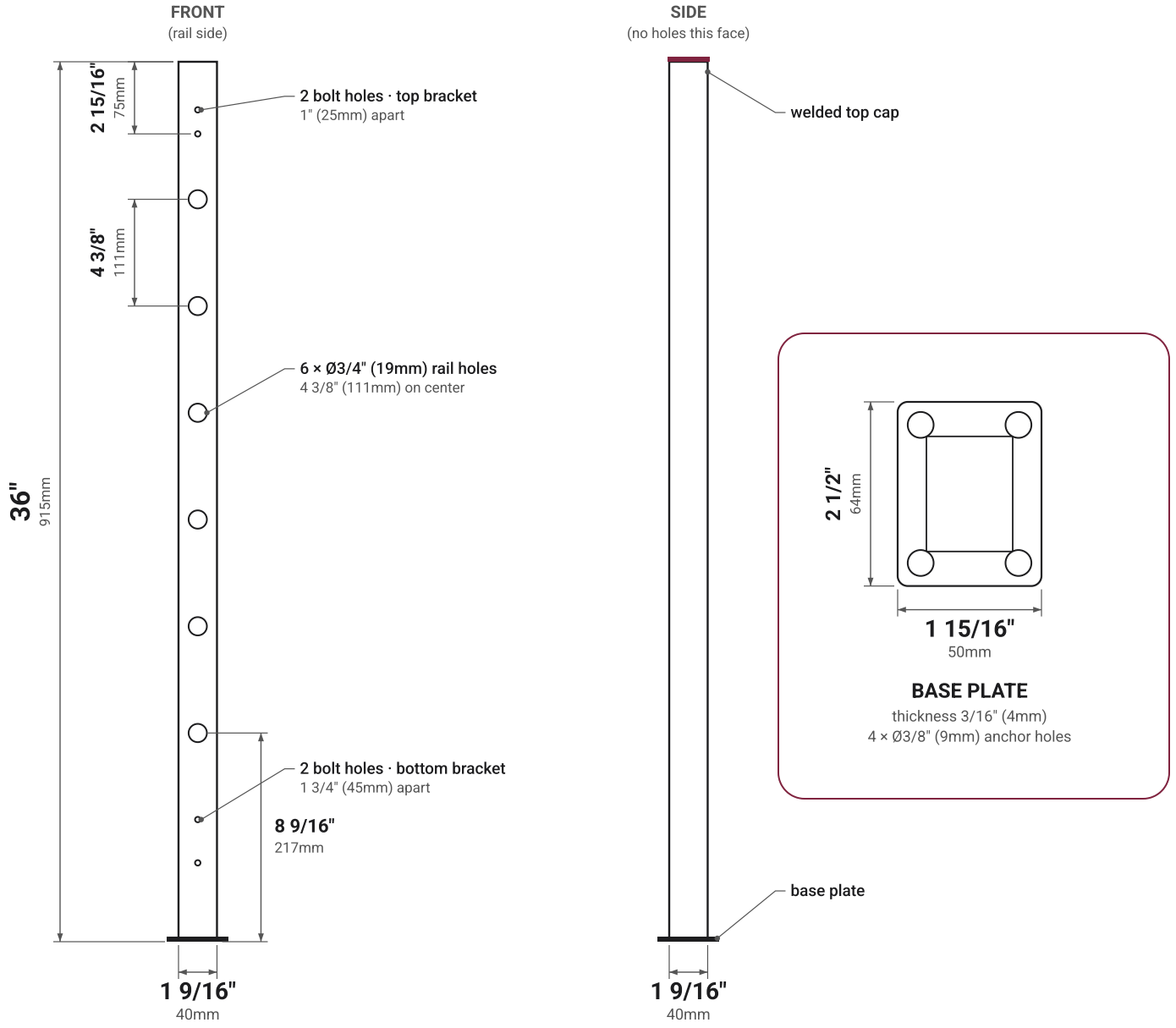
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# 36"H Horizontal Guardrail End Post Specification

| | |
|---|---|
| Material | Carbon Steel |
| End post | 40×40mm, 18GA (1.2mm) wall, 35 7/8" (911mm) cut |
| Height | 36" (915mm) incl. base plate |
| Rail holes | 6 × Ø3/4" (19mm), 4 3/8" (111mm) on center, one side |
| Top | Welded cap |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) |
| In the box | 2 end posts |




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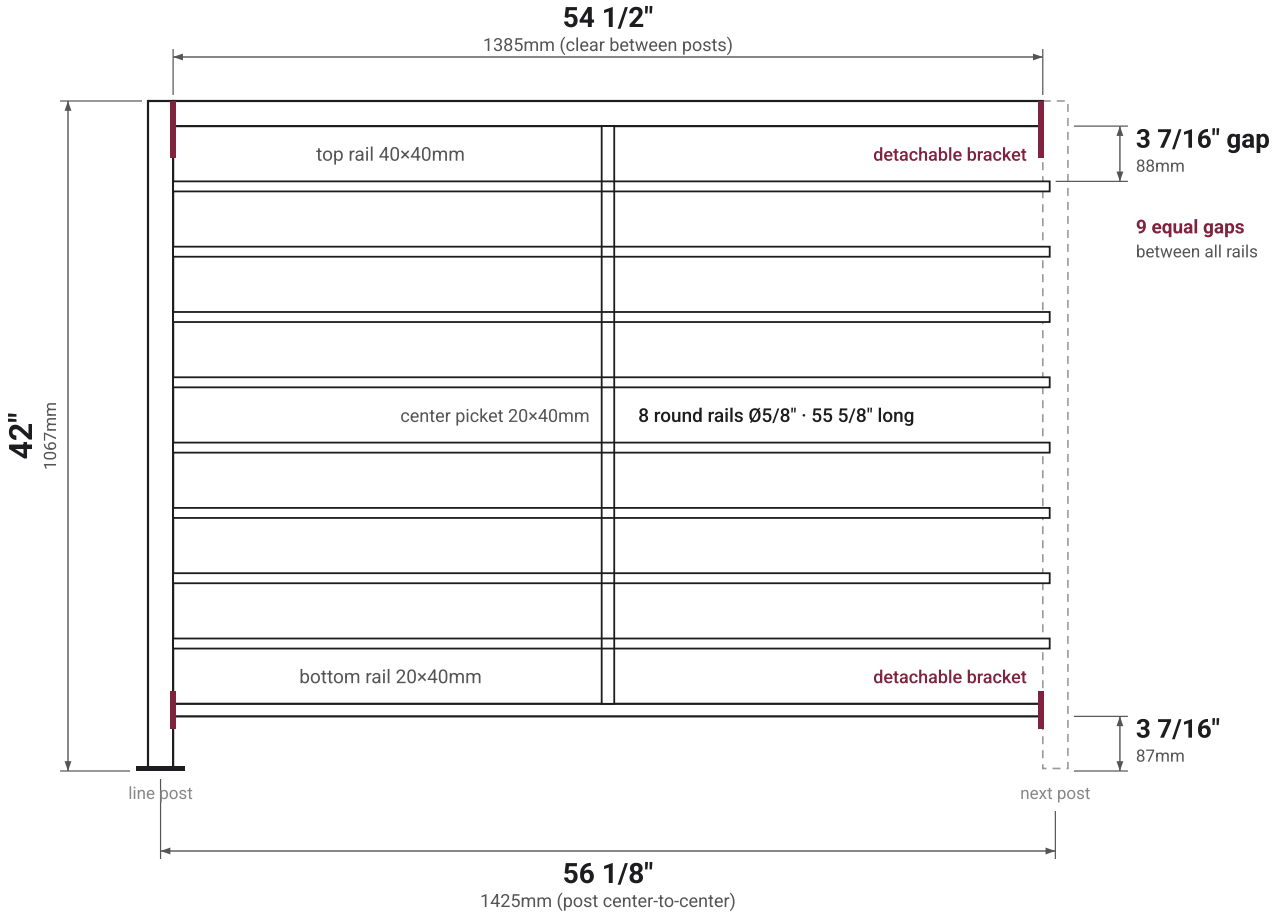
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# 4.5'W × 42"H Horizontal Guardrail Kit Specification

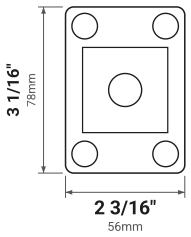
| | |
|---|---|
| Material | Carbon Steel |
| Line post | 40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut |
| Top rail | 40×40mm, 54 5/16" (1379mm) cut |
| Bottom rail | 20×40mm, 54 5/16" (1379mm) cut |
| Center picket | 20×40mm, 36" (914mm) |
| Brackets | Detachable, bolt-on, 3mm plate |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) |

## KEY DIMENSIONS

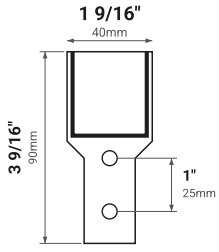
| | |
|---|---|
| Height | 42" (1067mm) incl. base plate |
| Post spacing | 56 1/8" (1425mm) center-to-center |
| Round rails | 8 × Ø5/8" (16mm), 55 5/8" (1413mm) long |
| Gap between rails | 3 7/16" (88mm) — 9 equal gaps |
| Under bottom rail | 3 7/16" (87mm) to ground |



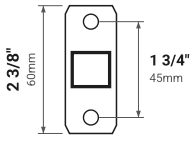

## DETAIL — CONNECTIONS




**POST BASE PLATE**
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes




**TOP RAIL BRACKET**
fits 40×40mm top rail · 3mm plate
bolts to post, detachable




**BOTTOM RAIL BRACKET**
fits 20×40mm bottom rail · 3mm plate
bolts to post, detachable

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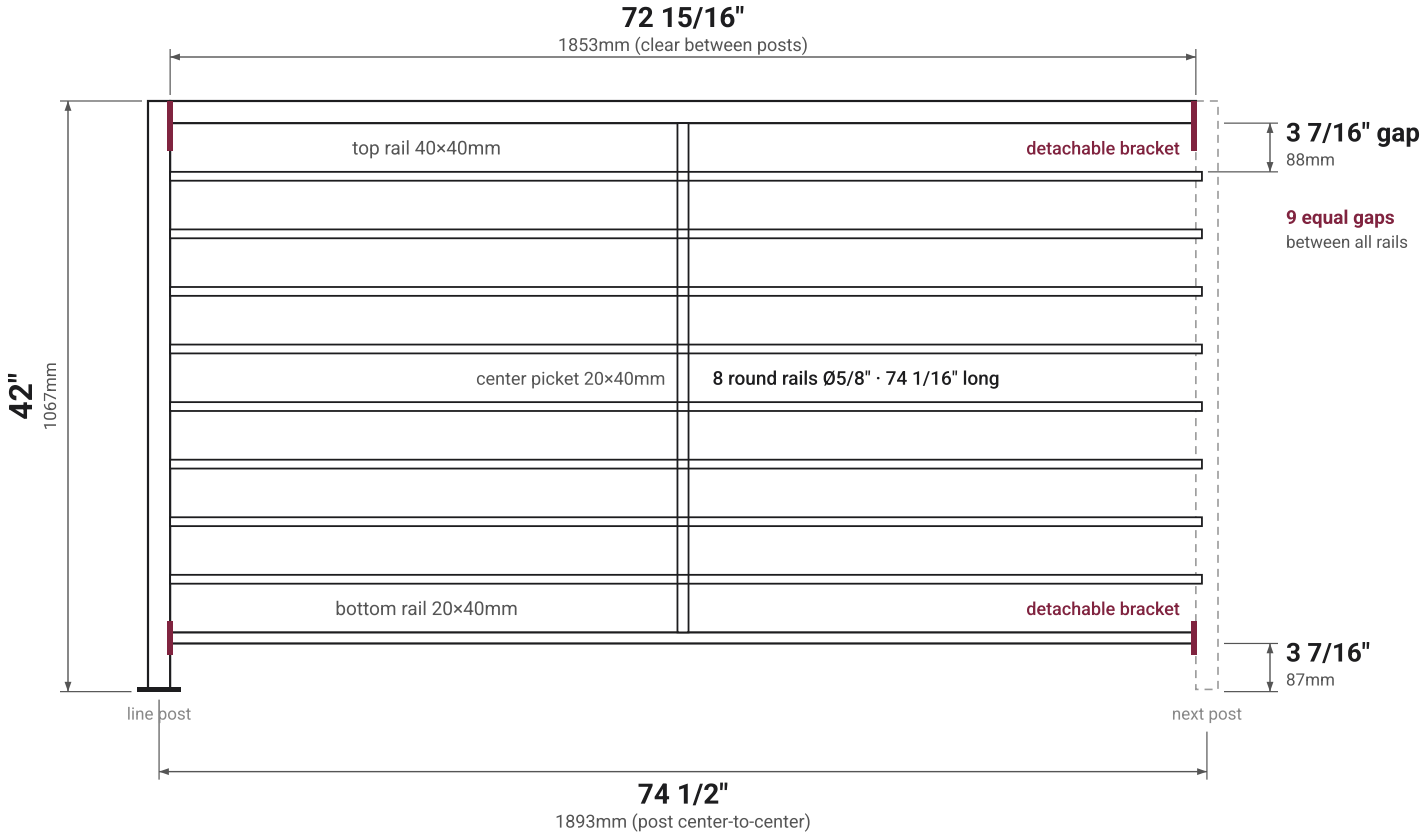
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# 6'W × 42"H Horizontal Guardrail Kit Specification

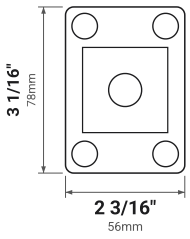
| | |
|---|---|
| Material | Carbon Steel |
| Line post | 40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut |
| Top rail | 40×40mm, 72 11/16" (1847mm) cut |
| Bottom rail | 20×40mm, 72 11/16" (1847mm) cut |
| Center picket | 20×40mm, 36" (914mm) |
| Brackets | Detachable, bolt-on, 3mm plate |
| Finish / Color | 5 Stage Powder Coat · Matte Black (10% Glossy) |

## KEY DIMENSIONS

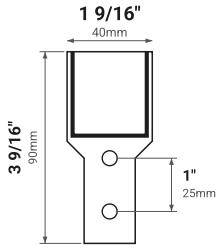
| | |
|---|---|
| Height | 42" (1067mm) incl. base plate |
| Post spacing | 74 1/2" (1893mm) center-to-center |
| Round rails | 8 × Ø5/8" (16mm), 74 1/16" (1881mm) long |
| Gap between rails | 3 7/16" (88mm) — 9 equal gaps |
| Under bottom rail | 3 7/16" (87mm) to ground |



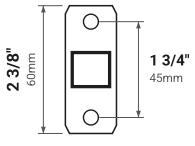

## DETAIL — CONNECTIONS




**POST BASE PLATE**
thickness 3/16" (4mm)
4 × Ø1/2" (12mm) anchor holes




**TOP RAIL BRACKET**
fits 40×40mm top rail · 3mm plate
bolts to post, detachable




**BOTTOM RAIL BRACKET**
fits 20×40mm bottom rail · 3mm plate
bolts to post, detachable

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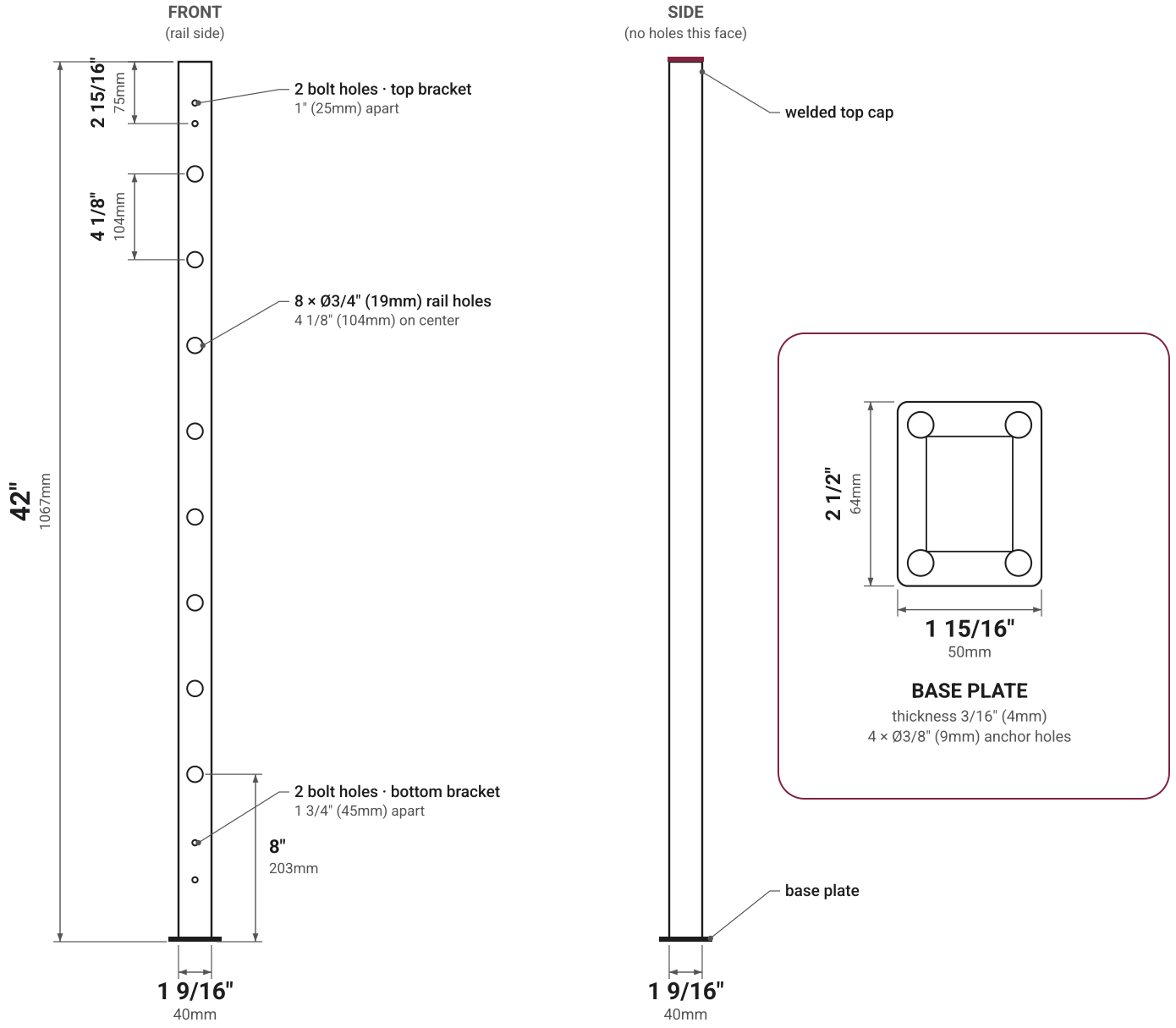
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# **42"H Horizontal Guardrail End Post** Specification

| | |
|---|---|
| Material | **Carbon Steel** |
| End post | **40×40mm, 18GA (1.2mm) wall, 41 7/8" (1063mm) cut** |
| Height | **42" (1067mm) incl. base plate** |
| Rail holes | **8 × Ø3/4" (19mm), 4 1/8" (104mm) on center, one side** |
| Top | **Welded cap** |
| Finish / Color | **5 Stage Powder Coat · Matte Black (10% Glossy)** |
| In the box | **2 end posts** |




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