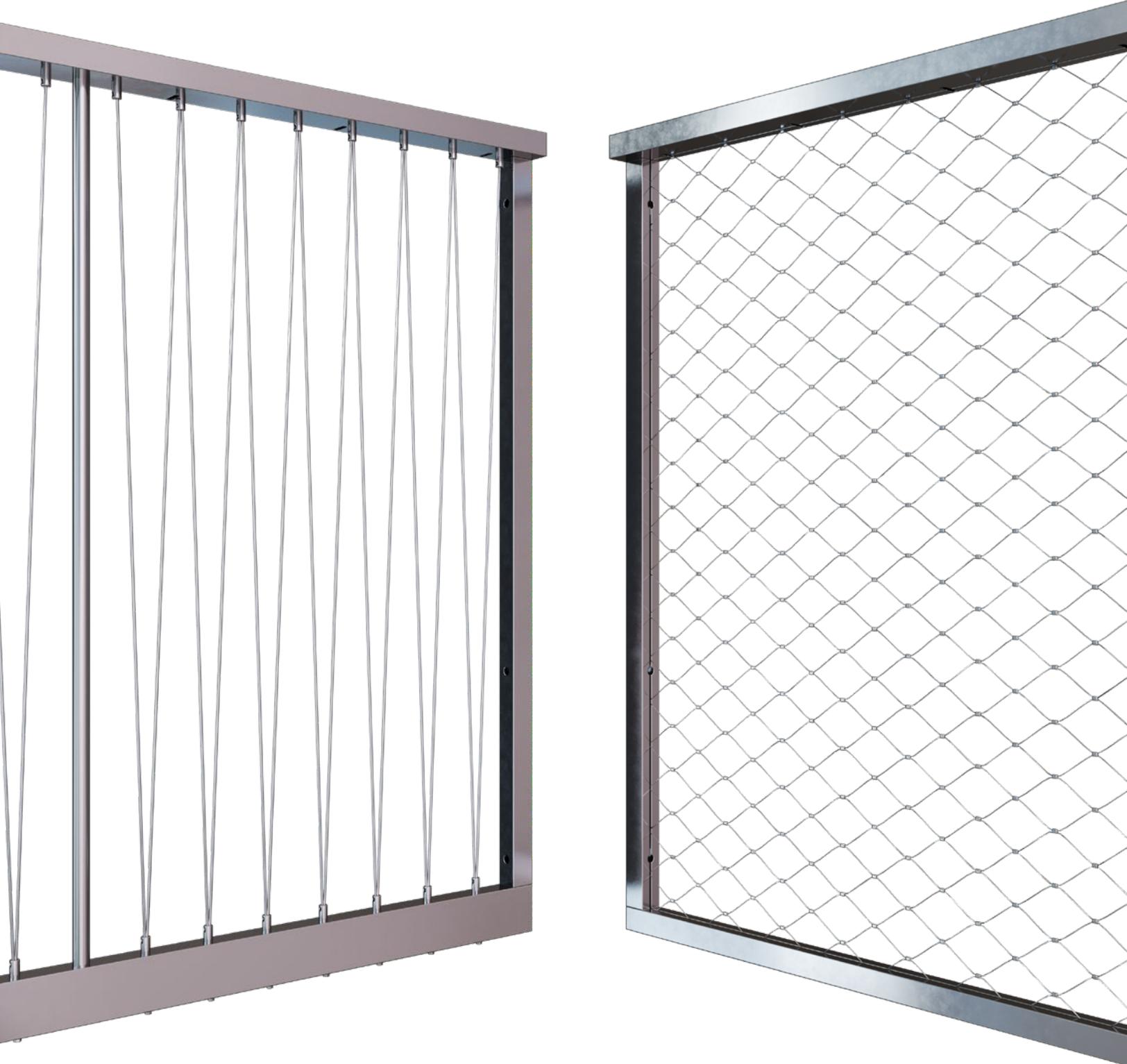


# Modular Railing Systems



Two aesthetics.  
One standard of engineering perfection.

# Two Expressions, One Superior Engineering

## Jakob Modular Railing Systems Swiss Precision, Visual Lightness

Safety doesn't have to compromise your design vision. Our modular railing systems deliver code-compliant protection while maintaining the clean, unobstructed views that modern architecture demands.

## Vertical Cable System Clean Lines, Complete Protection

Pre-tensioned 3mm vertical cables provide a contemporary linear aesthetic. Factory-installed and tensioned cables require no on-site adjustment, ensuring consistent performance and visual appeal.

### Features:

- Pre-tensioned 3mm vertical cables
- Code-compliant vertical orientation
- Ultra-lightweight visual impact
- Factory-ready installation



## Webnet System Transparent Strength, Proven Performance

Diamond mesh pattern offers traditional versatility with modern engineering. The flexible mesh conforms to various architectural shapes while maintaining structural integrity.

### Features:

- Diamond mesh pattern for visual flow
- 1.5mm rope construction
- Minimal visual interruption
- Flexible design integration
- Code-Compliant



● Also available in black finish.



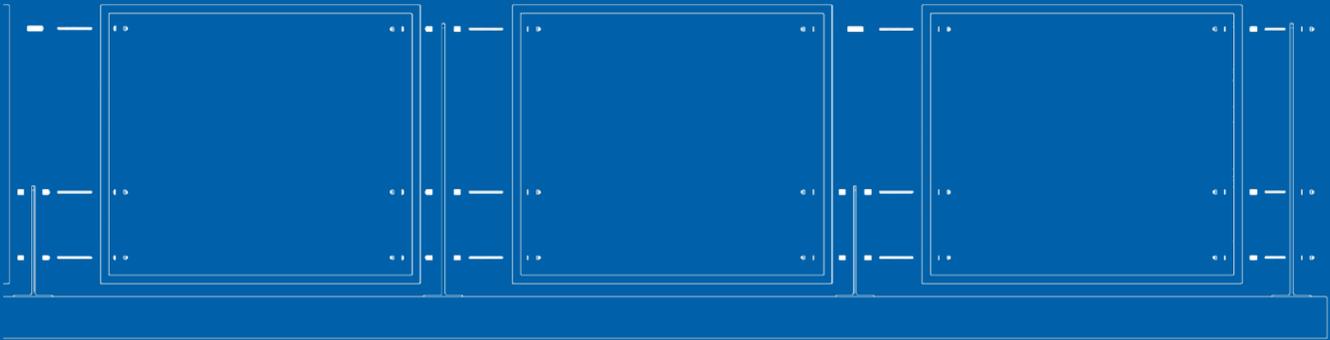
### Vertical Cable Frame

Contemporary Linear Design Pre-tensioned 3mm stainless steel cables in vertical orientation. Factory-installed and adjusted for consistent performance and clean visual lines.



### Webnet Frame

Proven Diamond Mesh Design 1.5mm rope construction in traditional diamond pattern. Flexible mesh system adapts to architectural curves while maintaining structural integrity.



# Why Choose Jakob Modular Systems?

## Swiss Quality Standards

Every component manufactured from AISI 316 marine-grade stainless steel. Factory pre-assembly and tensioning eliminate field variables and ensure consistent performance.

## Installation Advantage

Simple two-step process: set your posts, then insert the modular frames. No welding, no specialized tools, no complicated procedures. Just clean, mechanical assembly.

## Customization Options

Choose your visual preference - vertical cables or diamond mesh - while maintaining identical mounting systems and installation procedures. Both systems offer the same code compliance and structural performance.

## System Specifications

### Both Systems Feature:

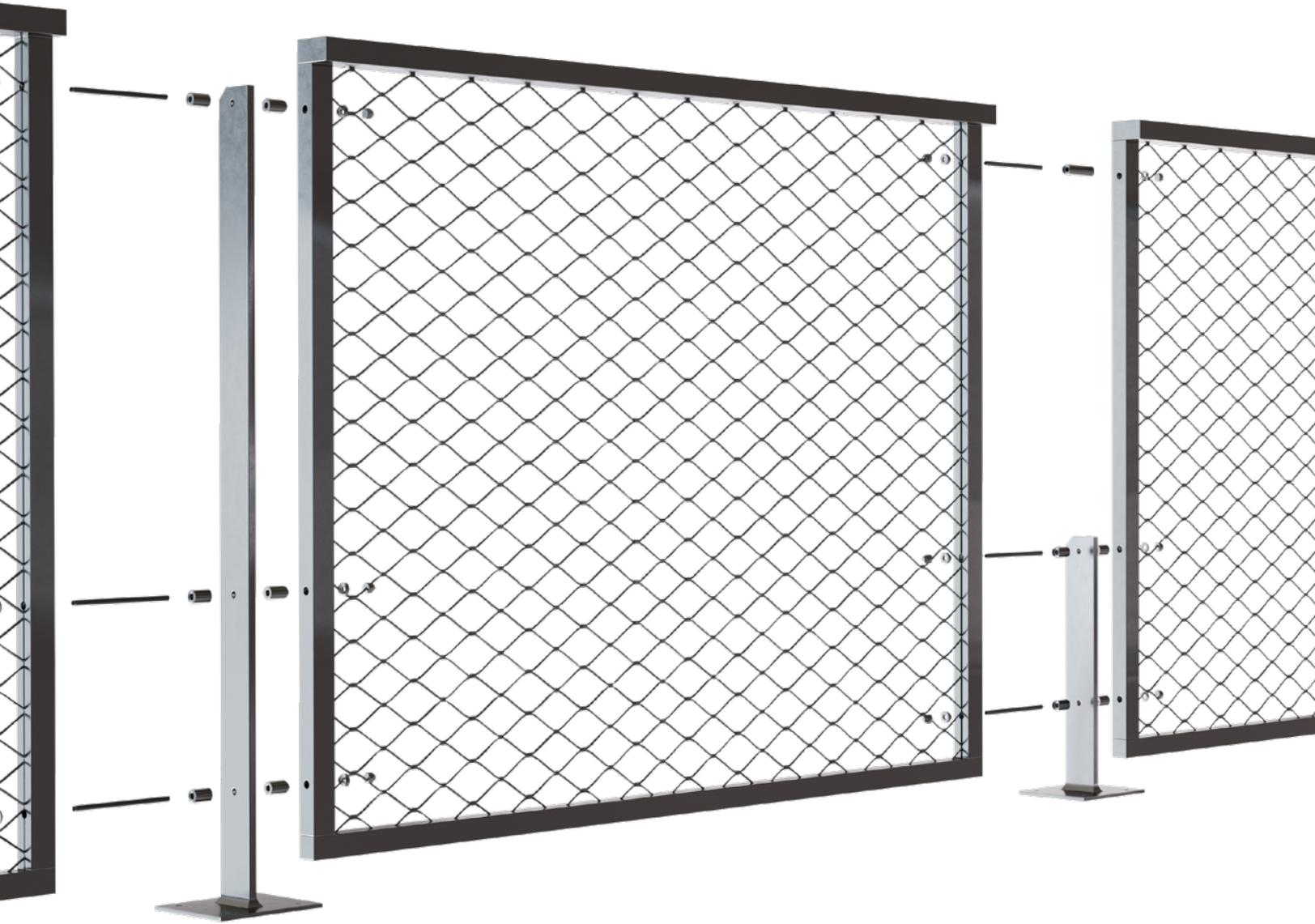
- International code compliance
- AISI 316 stainless steel construction
- Factory pre-tensioning
- Standard 4' x 42" spacing modular frames
- Three post mounting methods: fascia mount, top mount, core drill
- RAL Classic color palette coating options

### Frame Construction:

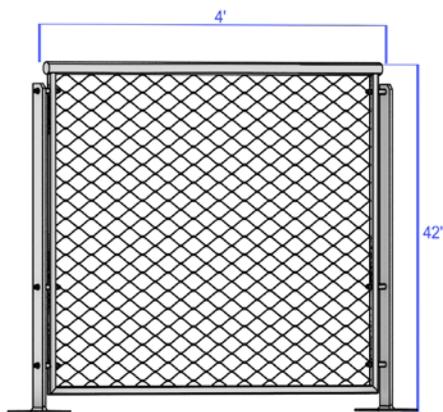
- Precision-engineered connections
- Mechanical assembly system

### Visual Options:

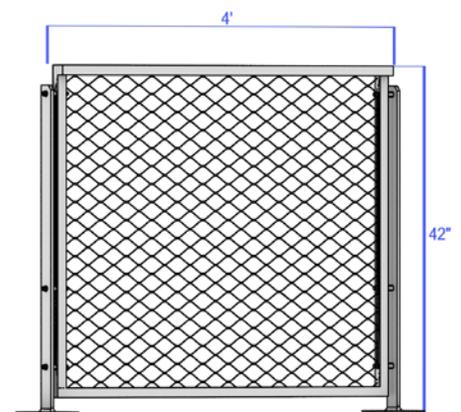
- **Vertical Cables:** 3mm diameter, vertical orientation
- **Diamond Mesh:** 1.5mm rope diameter, 60mm diamond openings



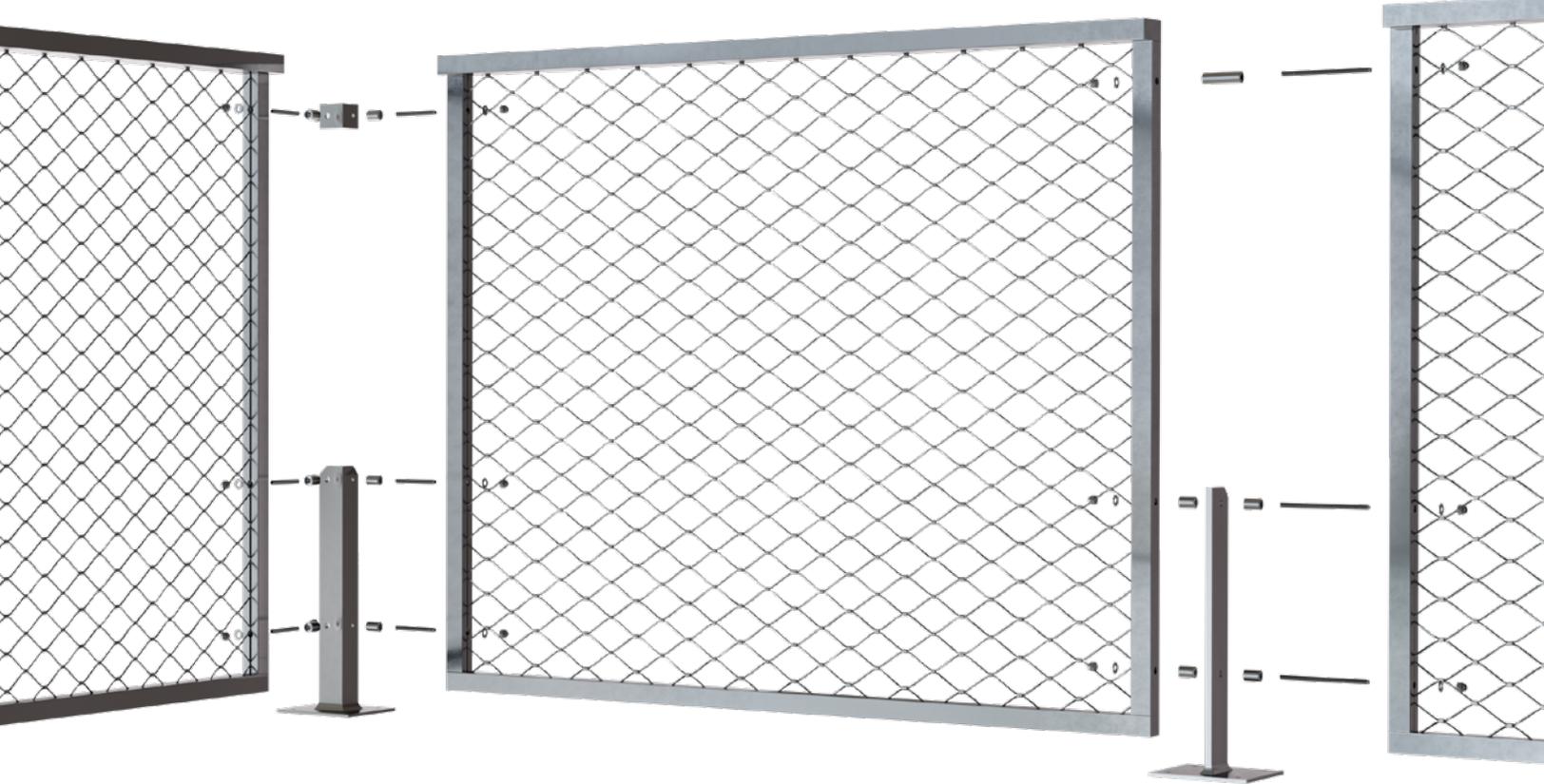
## One System. Three Aesthetic Options



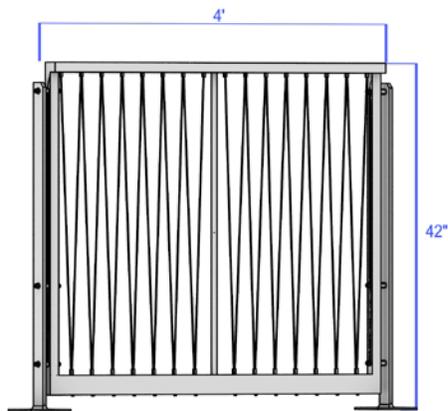
Webnet Round Tube



Webnet Square Tube



## Modular Design, Maximum Performance



Vertical Cables

Jakob's three frame configurations prove that superior engineering doesn't require complex installation. Vertical cable frames and both webnet frame styles - standard rectangular and round tube - all utilize the same mounting hardware and mechanical assembly process. The webnet mesh itself remains identical; only the frame profile changes to create different visual aesthetics. Each frame arrives pre-engineered and factory-tensioned, ready for immediate installation. The result is predictable project timelines, consistent visual quality, and long-term performance that reflects Swiss manufacturing standards. Simple installation, sophisticated results, proven durability.

# Versatile Applications



Optionally, we can deliver Webnet Modular Railing System with paint coating based on the RAL-Classic color palette

## Stair Railings

- The modular system extends to stair angles while maintaining consistent visual appeal. Both cable and mesh options provide code-compliant fall protection.

## Curved Installations

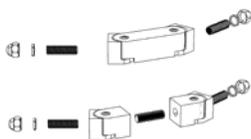
- Precision-engineered connectors enable smooth curved transitions. Modular components adapt to architectural curves while maintaining structural integrity and visual continuity.

## Long Runs

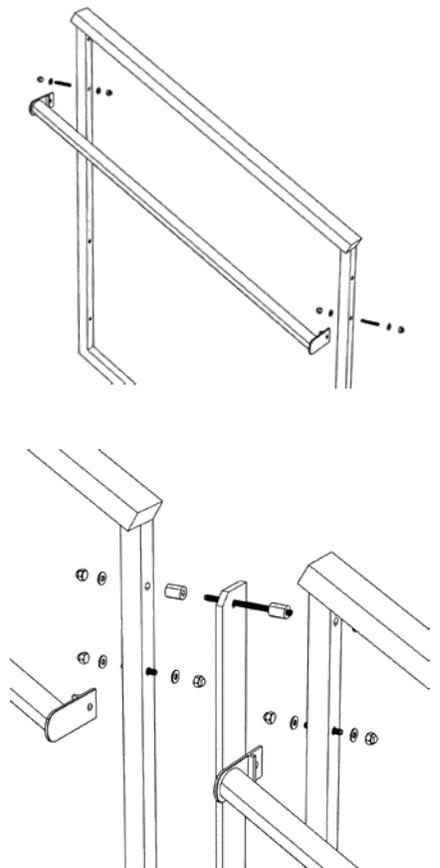
- Continuous installation maintains visual flow across extended lengths. Modular system allows for easy future modifications or repairs.

## Mixed Applications

- Combine different mounting styles - fascia mount, top mount, or core drill - within the same project while maintaining system consistency.



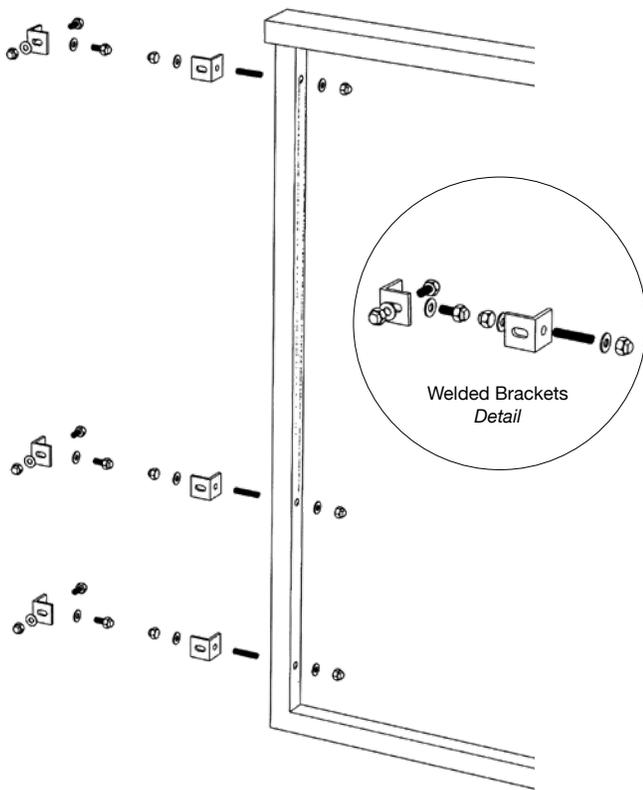
Connectors enable smooth curved transitions



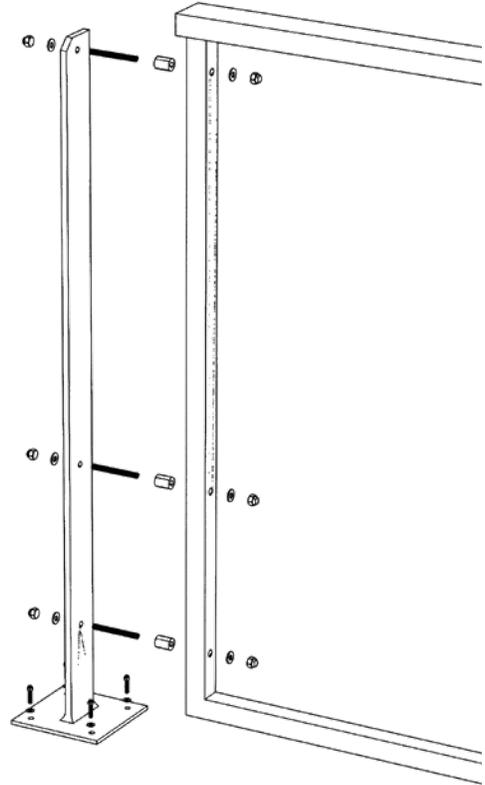
### Single or Double Handrail Systems

Complete your railing system with single or double handrail options. Both configurations integrate seamlessly with all three frame types - vertical cables, standard webnet, and round tube webnet - while meeting accessibility and code requirements.

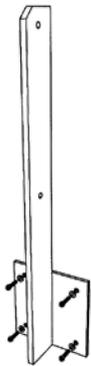
# INSTALLATION DRAWINGS



**Direct Wall Installation** - Frames can be mounted directly to walls using welded brackets crafted to your specifications for clean, space-efficient installation.

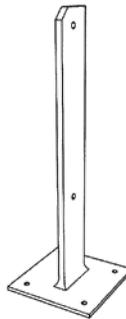


**Complete System with Integrated Posts** - System includes matching posts for freestanding installation. Mechanical assembly connects frames to posts with precision-engineered hardware.



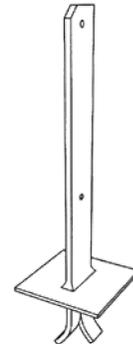
## Fascia Mount

Posts mount to the face of structures using side-mounting brackets. Ideal for concrete edges, building facades, and existing structural elements.



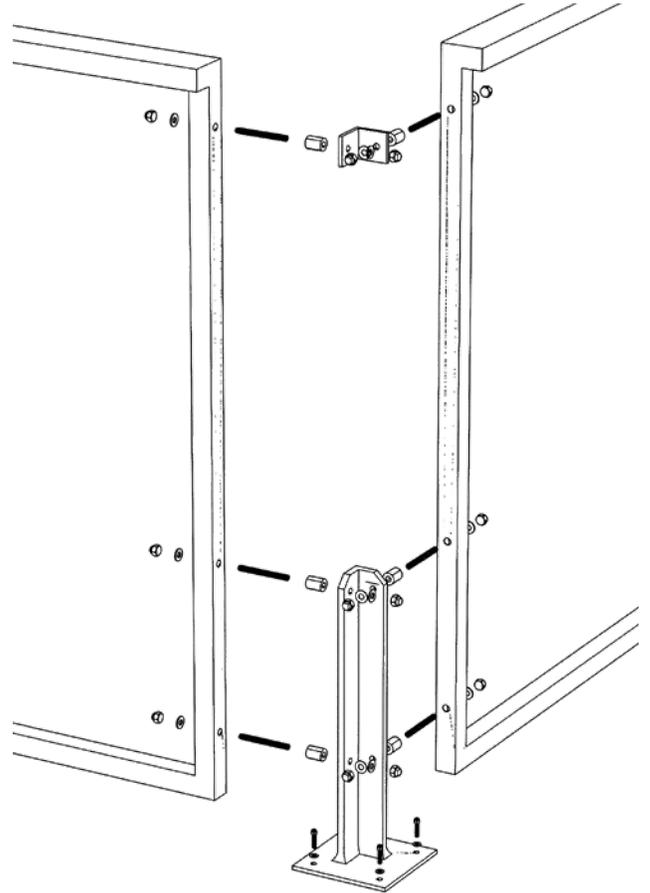
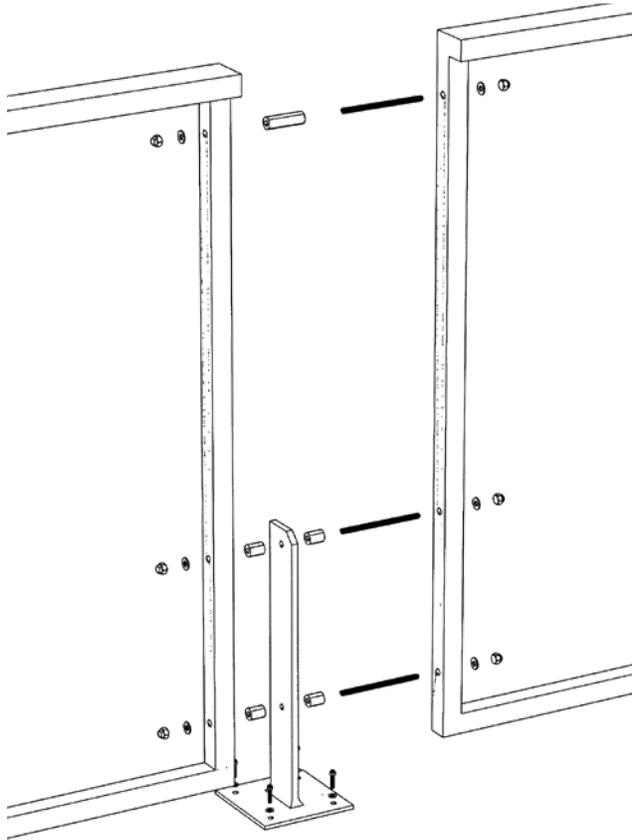
## Top Mount

Posts anchor directly to horizontal surfaces with base plates. Perfect for deck installations, rooftops, and flat structural surfaces.



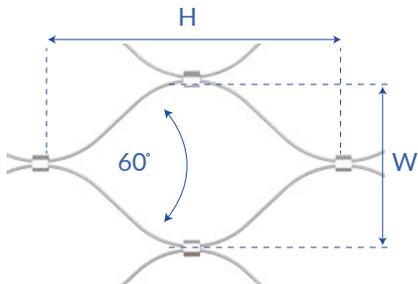
## Core Drill

Posts insert into drilled holes for clean, permanent installation. Provides strongest connection for high-load applications and exposed locations

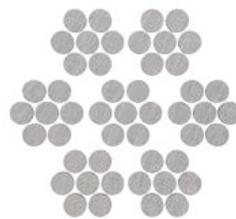


**Seamless Frame-to-Frame Connections** Precision-engineered connectors join frames for continuous runs. Mechanical fasteners ensure secure connection while maintaining visual alignment.

**Seamless Frame-to-Frame Connections** - Precision-engineered connectors join frames for continuous runs. Mechanical fasteners ensure secure connection while maintaining visual alignment.



- Mesh apertures (W)  
60° = Standard mesh angle  
W = Mesh aperture 2.38"  
H = Mesh aperture height 4"



- Webnet Rope  
Rope 1.5 mm  
(construction 6 x 7 + WC)



**Scan to  
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manual**

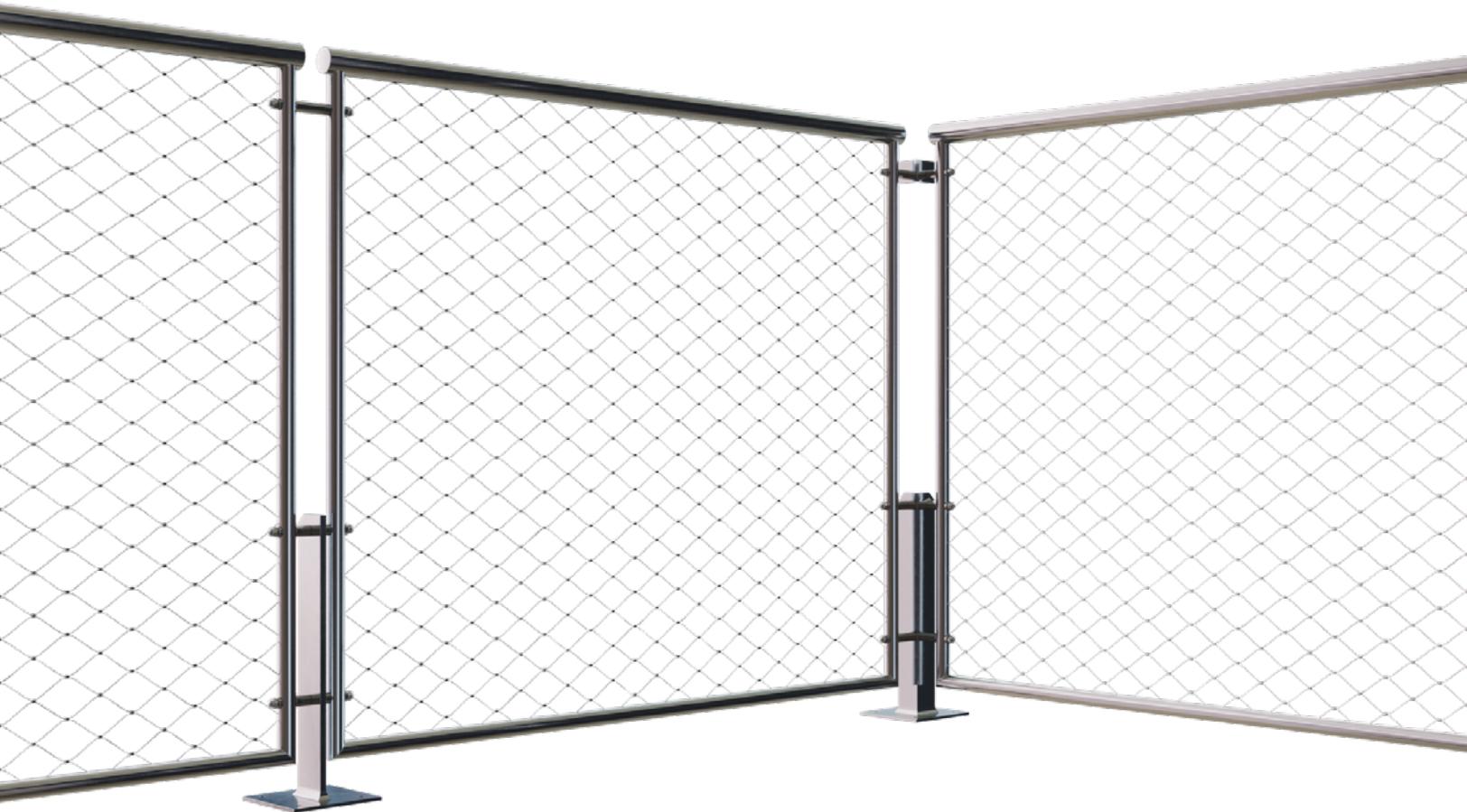


# Modular Railings System

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## Ready to Specify Jakob Modular Railings?

Transform your next project with systems that combine safety, aesthetics, and installation simplicity. Whether you prefer the clean lines of vertical cables or the proven versatility of diamond mesh, Jakob delivers Swiss-quality solutions.



**Jakob**  
Rope Systems