Söll MultiRail®

- Horizontal anchor device
- Certified according to EN 795:2012 and CEN/TS 16415:2013
Söll MultiRail®

Horizontal safety rail
- Available in lengths of 200 - 6,000 mm
- Mounting distance: recommended 4,000 mm - max. 6,000 mm
Material: Stainless steel, pickled
Weight: 2.7 kg/m
Part no. 17488
Standard length 3,000 mm
Weight: 7.9 kg/each
Part no. 24401
Standard length 6,000 mm
Weight: 16.1 kg/each
Part no. 19146

Connector
- For connecting individual rail sections
Material: Anodised aluminium
Weight: 0.5 kg/each
Part no. 17332

Rail end-stop without exit
- To prevent the glider from coming off accidentally
Material: Stainless steel, pickled/
Anodised aluminium
Weight: 0.4 kg/each
Part no. 17404

Rail end-stop with exit
- To prevent the glider from coming off accidentally
- Removal of the glider by pressing the opening mechanism with one hand
Material: Stainless steel, pickled/
Anodised aluminium
Weight: 0.4 kg/each
Part no. 23956

Subject to technical change. Please follow our maintenance and fitting instructions.
Söll MultiRail®

Horizontal bend
- For horizontal use as corner turn
- \( R = 80 \text{ mm} \)
  
  Material: Anodised aluminium
  
  Angle: 90°
  
  Weight: 0.9 kg/each
  
  Part no. 17331
  
  Angle: 30 - 150°
  
  Weight: Depends on angle
  
  Part no. 18311

Vertical bend
- For vertical use as corner turn
- \( R = 80 \text{ mm} \)
  
  Material: Anodised aluminium
  
  Angle: 90°
  
  Weight: 0.9 kg/each
  
  Part no. 17330
  
  Angle: 30 - 150°
  
  Weight: Depends on angle
  
  Part no. 18999

Horizontal track change
- For safe change of travel in two directions
- The rails must be at a 90° angle to one another
- Can only be used with glider closed (part no. 17407)

  Material: Stainless steel, pickled / Anodised aluminium
  
  Weight: 2.7 kg/each
  
  Part no. 20449

Horizontal track change with bracket
- For safe change of travel in two directions
- The rails must be at a 90° angle to one another
- Can only be used with closed glider (part no. 17407)
- To be used when the anchor point to the structure is right under the track change
- Installation possible in combination with bracket 1 (part No. 17489)

  Material: Stainless steel, pickled / Anodised aluminium
  
  Weight: 3.2 kg/each
  
  Part no. 21967

Subject to technical change. Please follow our maintenance and fitting instructions.
Summary of the smallest possible bending radii in mm for the Söll MultiRail®

**Bent safety rail**
- Bending radius is at least 2,000 mm
- Material: Stainless steel, pickled
- Weight: 2.7 kg/m
- Part no. 18269

Indicate the position of the rail (horizontal, vertical) when ordering.

**Single bending**
- Bending radius: min. 2,000 mm
- Part no. 18270

**Double bending**
- Bending radius: min. 2,000 mm
- Part no. 23177

Deflection of the guide rail for the Söll MultiRail®

The deflection depends on the mounting distance ‘a’ and the projection of the rail:

![Graph showing deflection in mm vs. mounting distance “a” in m for different projections.](image)

Subject to technical change. Please follow our maintenance and fitting instructions.
Söll MultiRail® Fixings

Bracket 1
- With Teflon easy-slide ribbons
- The rail can move freely in the brackets
- For mounting screws M12
- Screw mounting surface parallel to the rail

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 17489

Bracket 1 with clamping screw M6
- With Teflon easy-slide ribbons
- For mounting screws M12
- Screw mounting surface parallel to the rail

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 20168

Bracket 2
- With Teflon easy-slide ribbons
- The rail can move freely in the brackets
- For mounting screws M12
- Screw mounting surface at right angle to the rail

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 17112

Bracket 2 with clamping screw M6
- With Teflon easy-slide ribbons
- For mounting screws M12
- Screw mounting surface at right angle to the rail

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 20167

Subject to technical change. Please follow our maintenance and fitting instructions.
Söll MultiRail®
Fixings

Bracket 5
• With Teflon easy-slide ribbons
• The rail can move freely in the brackets
• For overhead application
• For work in suspension
• For mounting screws M12
• Projection ‘L’: max. 200 mm (please indicate when ordering)

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 21031

Bracket 7
• With Teflon easy-slide ribbons
• The rail can move freely in the brackets
• For overhead application
• For work in suspension
• For mounting screws M12
• Projection ‘L’: max. 200 mm (please indicate when ordering)

Material: Stainless steel, pickled
Weight: 0.4 kg/each
Part no. 21677

Clamp
• With Teflon easy-slide ribbons
• The rail can move freely in the brackets
• Projection ‘L’: 80 - 200 mm
• Complete with all mounting elements
• Please indicate projection ‘L’ when placing the order

Material: Stainless steel, pickled
Weight: Depends on size
Part no. MR-BS-1AUSL-<Ø in mm>

Recommended mounting distance ‘a’ when using a wheeled trolley with a retractable type fall arrester

Load “F” definition:
self-weight of retractable type fall arrester +
max. retraction load of the retractable type fall arrester
Söll MultiRail®
Planning aid for mounting distances

**Straight course** of the Söll MultiRail anchor device:
Rail projection at the last bracket: 50 - 200 mm
Mounting distance:  
Recommended 4,000 mm  
Maximum 6,000 mm

**L-shape** of the Söll MultiRail anchor device:
Distance of bracket to bend: max. 2,000 mm
Special shapes available after consulting the manufacturer

**U-shape** of the Söll MultiRail anchor device:
Distance of bracket to bend: 200 - 2,000 mm
Special shapes available after consulting the manufacturer

**Endless/closed shape** of the Söll MultiRail anchor device available only as an exception and after consulting the manufacturer

Subject to technical change. Please follow our maintenance and fitting instructions.
Söll MultiRail®
Mobile anchor points

Closed glider
- With sliding inserts (made of polyamide) and eyelet
Material: Stainless steel, pickled
Weight: 0.5 kg/each
Part no. 17407

Lockable glider
- With sliding inserts (made of polyamide) and yellow eyelet
Material: Stainless steel, pickled
Weight: 0.65 kg/each
Part no. 26308

Openable glider
- With sliding inserts (made of polyamide) and eyelet
- Can be attached and removed at any point
Material: Stainless steel, pickled
Weight: 0.8 kg/each
Part no. 17792

Wheeled trolley
- For overhead application
- To be used with a retractable type fall arrester
- With swivelable eyelet
- Can be used with rail end-stop (part no. 23956) and horizontal bend (part no. 17331)
Material: Stainless steel, pickled
Weight: 2.0 kg/each
Part no. 24168

Subject to technical change. Please follow our maintenance and fitting instructions.
Söll MultiRail®
Accessories

Drilling gauge
- Serves to make the component holes when the guide rails are shortened at the working site
- Can be clamped on the guide rail by a screw ferrule

Material: Aluminium
Weight: 0.2 kg/each
Part no. 23841

Identification plate
- For Söll MultiRail anchor devices
- Must be affixed at each access point
- Dimensions: 150 x 70 mm
- Hole spacing: 135 x 56 mm; Ø 2.2 mm
- Languages: D/E/F/ES

Material: Aluminium
Weight: 0.1 kg/each
Part no. 25904

Identification plate for rope access work
- For Söll MultiRail anchor devices
- Must be affixed at each access point
- Dimensions: 150 x 70 mm
- Hole spacing 135 x 56 mm Ø 2.2 mm
- Languages: D/E/F/ES

Material: Aluminium
Weight: 0.1 kg/each
Part no. 27238

Subject to technical change. Please follow our maintenance and fitting instructions.