Post & Rail Kit - 80321

**ANGLED JUMP USING YELLOW CLIP**
order separately
kit nr.80328

**STRAIGHT JUMP USING RED CLIP**
included in this kit

**INTENDED JUMPING ANGLE**

- 20°-25°
- 40°-50°
- 90°

**RECOMMENDED TOOL**
INFORMATION ABOUT THE POST & RAIL KIT

The Post & Rail Kit has been designed and developed specifically to greatly reduce the risk of rotational falls. The most important element of this kit is that it will not break the fence or risk injury to the horse if hit vertically. The rail is only released when impacted horizontally by the horse. The risk of a resulting rotational fall is thus reduced.

FENCE DIMENSIONS

- **POST**
  - **MIN-MAX SIZE**
    - 6 - 10 inch
    - 150 - 250 mm

- **TOP SECTION STRAIGHT JUMP**
  - **MIN-MAX DIAMETER**
    - 8 - 12 inch
    - 200 - 300 mm
  - **MAXIMUM LENGTH**
    - 13.1 ft
    - 4000 mm
  - **MIN-MAX WEIGHT WITH RED CLIP**
    - 110 - 265 lb
    - 50 - 120 kg

- **TOP SECTION STRAIGHT HEAVY JUMP**
  - **MIN-MAX DIAMETER**
    - 8 - 12 inch
    - 200 - 300 mm
  - **MAXIMUM LENGTH**
    - 13.1 ft
    - 4000 mm
  - **MIN-MAX WEIGHT WITH YELLOW CLIP**
    - 265 - 395 lb
    - 120 - 180 kg

- **TOP SECTION ANGLED JUMP**
  - **MIN-MAX DIAMETER**
    - 8 - 12 inch
    - 200 - 300 mm
  - **MAXIMUM LENGTH**
    - 13.1 ft
    - 4000 mm
  - **MIN-MAX WEIGHT WITH YELLOW CLIP**
    - 200 - 265 lb
    - 90 - 120 kg

(Yellow clips not included in this assembly kit) order yellow clip spare parts

All the dimensions have been tested and are in concordance to the approved tests.

Angled fence tests have been performed with a jumping angle between 55 - 67.5 degrees.

WARNING!

It is essential to follow the recommended dimensions on the fence for the correct function. If the recommended procedure is not correctly followed it may cause the failure of the device.

For your own safety and that of others please note the following step by step advice for correct preparation and installation. It is important that you follow your own health and safety requirements when constructing this kit.

Ensure that you have all parts of the Post & Rail Narrow Kit. Be aware of the risk of injury when handling heavy rails, posts and the tools for mounting.
The posts must be:
- **PARALLEL**, & **FRONTAL ALIGNED**
  - VERTICALLY LEVELLED TO GRAVITY USING A SPIRIT LEVEL OR A CONSTRUCTION PLUMMET

**IMPORTANT**

- Secured to the ground

**Part Numbers**

- A: F65, Part no. 2x
- B: F64A5, Part no. 2x
- C: F70A, Part no. 4x
- D: F18C, Part no. 6x
- E: F18F, Part no. 6x

**Order separately**

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**Not included**

- M-SM12x120, 2x
- M-BR12x22x2s, 2x
- M-MM12Ny, 2x
- M-TS10X90, 4x
- POST, 2x
- RAIL, 1x

**Jumping direction**
**Step 1**

- **A**
- **B**

<table>
<thead>
<tr>
<th>Parts</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-5M12x120</td>
<td>2x</td>
</tr>
<tr>
<td>M-BR12x22x2s</td>
<td>2x</td>
</tr>
<tr>
<td>M-MM12Ny</td>
<td>2x</td>
</tr>
</tbody>
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**Important**

- The pieces **A & B** must be: **PARALLEL** to each other.

**Step 2**

**ADJUST TO CORRECT HEIGHT**

- **A**
- **B**

**Important**

- The **BOLTS** must be: **ALIGNED** to each other.
**STEP 6**

The C pieces must be:

- PARALLEL AND
- HORIZONTALLY LEVELLED

**STEP 7**

The C pieces must be:

- PARALLEL AND
- HORIZONTALLY LEVELLED
**STEP 8**

**The advantages of the MIMclip**

The MIMclip (F18C) breaks on impact. The flag is bent when the clip is exposed to fatigue. In both cases the clip must be replaced. The top section is connected to the post with a hinge that makes the fence easy to reconstruct. This saves time, guarantees fair and correct judging for riders and contributes to the overall safety of the sport.

**The advantages of the Post & Rail Kit**

1. It has been produced with safety being the first and foremost important factor.
2. Reduces the possibility of rotational falls.
3. FEI approved number FEI10SWE.
4. Controlled movement of fence during release.
5. Reconstruction time is less than 30 seconds.
6. The parts are made of powder coated steel and can be left outside, no maintenance is required.
7. The very highest quality of product from Sweden.

**WARNING**

When rail is released the distance between rail and ground should be minimum 200 mm.

If distance between ground and rail is less, then place an object which will prevent the rail to fall into the SAFE AREA.

**WARNING**

To protect the fence mechanism when released, put a dampening material between the safe area and the released part of the fence.

Remove the clips before MOVING THE FENCE to its new location.

The flag is bent when fatigued.