Post & Rail Narrow Kit - 80322

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**Intended Jumping Angle**

- **Angled Jump**
  - Using Yellow Clip
  - Maximum Width: 3.6m/12ft
  - Order separately, kit nr. 80328

- **Straight Jump**
  - Using Red Clip
  - Maximum Width: 2.4m/8ft
  - Included in this kit

**Recommended Tool**

FEI Approved
The Post & Rail Narrow 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

<table>
<thead>
<tr>
<th>ROUND POST</th>
<th>SQUARE POST</th>
<th>TOP SECTION ANGLED JUMP</th>
<th>TOP SECTION STRAIGHT JUMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: MIN-MAX SIZE</td>
<td>6 – 8 inch 150 - 200 mm</td>
<td>MIN-MAX WEIGHT 175 - 240 lb 80 - 110 kg</td>
<td>MIN-MAX WEIGHT 165 - 200 lb 75 - 90 kg</td>
</tr>
<tr>
<td>B: MIN-MAX SIZE</td>
<td>8 – 9 inch 200 - 225 mm</td>
<td>MIN-MAX DIAMETER 8 – 12 inch 200 - 300 mm</td>
<td>MIN-MAX DIAMETER 8 – 12 inch 200 - 300 mm</td>
</tr>
<tr>
<td>DIAMETER</td>
<td>I inch 9 – 11 225 - 275 mm J</td>
<td>MAXIMUM LENGTH 12 ft 3600 mm</td>
<td>MAXIMUM LENGTH 8 ft 2400 mm</td>
</tr>
</tbody>
</table>

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 45 - 67.5 degrees.

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.

**WARNING!**
IMPORTANT
The clips must be placed on ALL posts.

IMPORTANT
The posts must be:
VERTICALLY LEVELLED TO GRAVITY USING A SPIRIT LEVEL OR A CONSTRUCTION PLUMMET

IMPORTANT
The posts must be:
PARALLEL, & FRONTAL ALIGNED & SECURED TO THE GROUND

ORDER SEPARATELY KIT NR.80328

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The posts must be:
PARALLEL, & FRONTAL ALIGNED & SECURED TO THE GROUND

A 00454 2x
B F70A 4x
C F18F 6x
D F18C 6x

M-TS10X90 4x
POST TOP SECTION 2x
POST BOTTOM SECTION 2x
RAIL 1x

not included
not included
not included
IMPORTANT

When mounting, make sure the hinge is mounted as shown in this picture to ensure correct activation.

IMPORTANT

Make sure you follow these measurements for correct fence release/function.

1a Square posts

0-10 inch
0-250 mm

15-17 inch 380-420 mm

MIN
130mm
5.1"

.50mm
2"
**STEP 1b**

Round posts

- **IMPORTANT**
  - Aligned cuts for torsional rigidity

**STEP 2**

- **16X**
  - not included

- **2X**

- **2X**

- **20mm**
  - 3/4"

- **70mm**
  - 2 3/4"

- **MIN**
  - 130mm
  - 5.1"
STEP 3

8X

not included

2X
IMPORTANT
USE M12 or UNC 1/2" to make sure the horizontal rail is rigid fixed to the posts.
**STEP 5**

**CORRECT alignment of the clip**

- Square 90° degrees angle

**WRONG alignment of the clip**

- Jumping direction

**IMPORTANT**

**USE**

Drilling pattern 80326-DP

**2X**

**4X**

**M-TS10X90**

**IMPORTANT**

Add material to create a flat surface large enough for the clip holders to be placed correctly when round posts are used.

- 9.3" ± 0.5" (237 ± 15 mm)
- 6.7" ± 0.5" (170 ± 15 mm)
Distance between brackets should be adjusted to avoid clip C rattling.

** IMPORTANT **

**STEP 6**

2X

**POSITIONING OF CLIP FOR ANGLED JUMP**

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**POSITIONING OF CLIP FOR STRAIGHT JUMP**

**STEP 7**

C

Rotate the pieces C around the bolt’s position if necessary

2X

20X

not included
The advantages of the Post & Rail Narrow 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 FEI125WE.
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 ISO 9001.

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.

IMPORTANT

When top section is released the distance between top section and ground should be minimum 200 mm.
If distance between ground and top section is less, then place an object which will prevent the top section falling 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.

The flag is bent when fatigued.

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

The very highest quality of product from Sweden ISO 9001.