

PRODUCT BULLETIN

Roto PatioFold

Roto PatioFold Bi-Fold Door Hardware

PatioFold is Roto's new bi-fold door hardware solution that replaces and builds on the features of the successful Patio 6080 system. Although the locking system is the same as that of 6080, the running and hinge gear includes a number of improvements that will benefit the manufacturer, installer and end-user.

The system has been engineered to provide a maximum sash weight of 100Kg when bottom running. Top running doors have a respectable 80Kg sash weight. The newly designed bogie assemblies feature large diameter wheels and lateral guides to provide extremely smooth running even with the increased weight capacity. Installers will appreciate the 6mm height adjustment.

The roller track has been designed to provide increased protection against the wheels becoming accidentally disengaged.

Customers using Roto's PatioFold Enhanced low threshold will find that there is no need to remove the bottom horizontal sash leg. The doors close against the side of the threshold to provide excellent air and water tightness through an all-round gasket seal.

Other features include three 6mm diameter locating pins and four 50mm fixing screws in each bogie support bracket. This provides protection against twisting. There are also spare screw positions so the fixing positions can be varied to ensure that reinforcement is picked up wherever possible.

PatioFold hinge components were introduced for use with Patio 6080 sets in August 2014, with the full PatioFold system being introduced from November 2014.

Benefits at a glance:

- 100Kg maximum sash weight on bottom running doors (80Kg if top running)
- Enhanced threshold gives all-round sealing with no need to remove sash upstand at bottom of door
- Large diameter PatioFold wheels are made of a synthetic material and the bogie assembly also features lateral guides for smoother operation
- Excellent height adjustment (-2.5/+3.5mm), carried out with standard Allen key
- Track and bogie design protects against the bogie jumping out of the track
- Bogie support brackets feature 3 locating pins and 4 fixing screws for stability and there is no need to fix into the sash upstand
- Bogie support brackets feature alternative fixing screw positions to ensure best connection to reinforcement

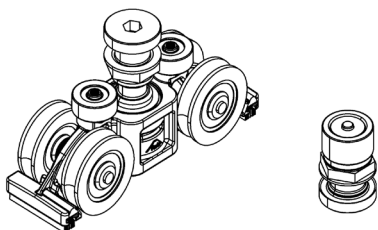
The following pages show the individual VBH codes for the newly introduced PatioFold components. A full Roto PatioFold catalogue is also available upon request.



Simply everything.

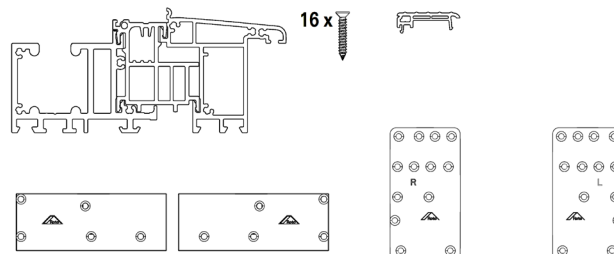
PatioFold - Component Overview

Bogie Set with Accessories



Description	VBH Code	Box Qty
Bogie Set c/w Accessories	4FDH6201	1

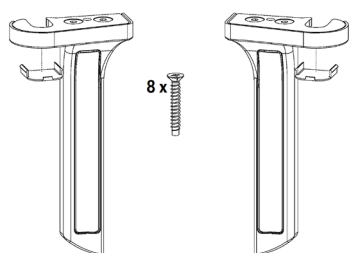
Enhanced Threshold



Including accessories

Length	VBH Code	Box Qty
3m	4FDH6251	1
4m	4FDH6252	1
5m	4FDH6253	1
6m	4FDH6254	1

Support Brackets



Pair

Size	White	Bronze	Silver	Box Qty
30mm Pins	4FDH6211	4FDH6212	4FDH6213	1
40mm Pins	4FDH6215	4FDH6216	4FDH6217	1

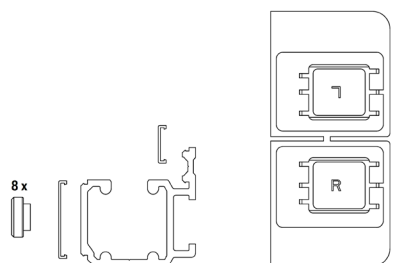
Cover Strip



For roller track and enhanced threshold 1300mm

Finish	VBH Code	Box Qty
Anodised Silver EV1	4FDH6255	1

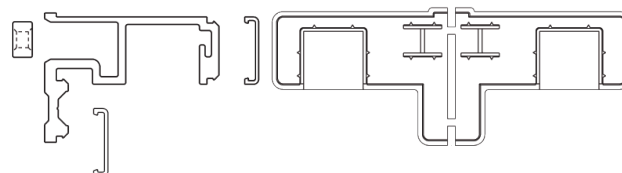
Roller Track



Including accessories

Length	White	Bronze	Silver	Box Qty
3m	4FDH6221	4FDH6225	4FDH6229	1
4m	4FDH6222	4FDH6226	4FDH6230	1
5m	4FDH6223	4FDH6227	4FDH6231	1
6m	4FDH6224	4FDH6228	4FDH6232	1

Guide Track

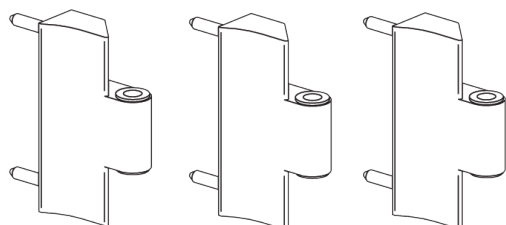


Including accessories

Length	White	Bronze	Silver	Box Qty
3m	4FDH6027	4FDH6037	4FDH6047	1
4m	4FDH6028	4FDH6038	4FDH6048	1
5m	4FDH6029	4FDH6039	4FDH6049	1
6m	4FDH6030	4FDH6040	4FDH6050	1

PatioFold - Component Overview - Continued

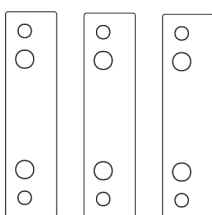
Frame Hinge Bearings



Packed/sold per 3

Size	White	Bronze	Silver	Box Qty
16mm/25mm Pin	4FDH6270	4FDH6271	4FDH6272	1 set
16mm/40mm Pin	4FDH6274	4FDH6275	4FDH6276	1 set
21mm/25mm Pin	4FDH6278	4FDH6279	4FDH6280	1 set
21mm/40mm Pin	4FDH6282	4FDH6283	4FDH6284	1 set

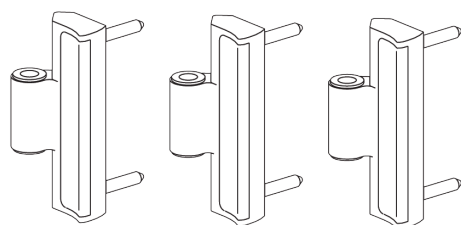
Packers for Frame Hinge Bearings



Packed/sold per 3

Size	White	Bronze	Silver	Box Qty
1mm	4FDH6111	4FDH6112	4FDH6113	1 set
2mm	4FDH6114	4FDH6115	4FDH6116	1 set

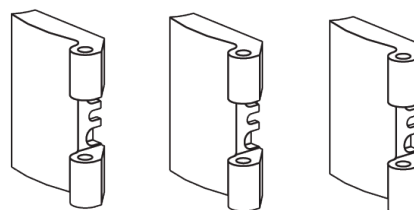
Sash Hinge Bearings



Packed/sold per 3

Size	White	Bronze	Silver	Box Qty
20mm/25mm Pin	4FDH6290	4FDH6291	4FDH6292	1 set
30mm/25mm Pin	4FDH6294	4FDH6295	4FDH6296	1 set
20mm/40mm Pin	4FDH6298	4FDH6299	4FDH6300	1 set
30mm/40mm Pin	4FDH6302	4FDH6303	4FDH6304	1 set

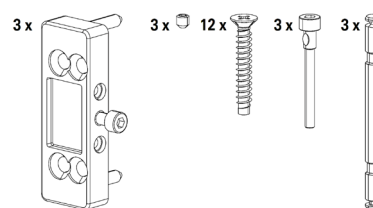
Hinge Leaves



Packed/sold per 3

Size	White	Bronze	Silver	Box Qty
40mm	4FDH6260	4FDH6161	4FDH6162	1 set
50mm	4FDH6264	4FDH6265	4FDH6266	1 set

Hinge Fixing Inserts



Packed/sold per 3

Size	25mm Pin	40mm Pin	Box Qty
40/50mm, 40mm Screws	4FDH6310	4FDH6311	1 set
44/54mm, 50mm Screws	4FDH6312	4FDH6313	1 set
For Timber/Alu, 40/50mm	4FDH6314	N/A	1 set

Sash Retaining Devices



Description	White	Black	Silver	Box Qty
Sash Retaining Device	4FDH6141	4FDH6142	4FDH6143	1

Sash Stoppers



Description	White	Brown	Silver	Box Qty
Sash Stopper	4FDH6144	4FDH6145	4FDH6146	1