

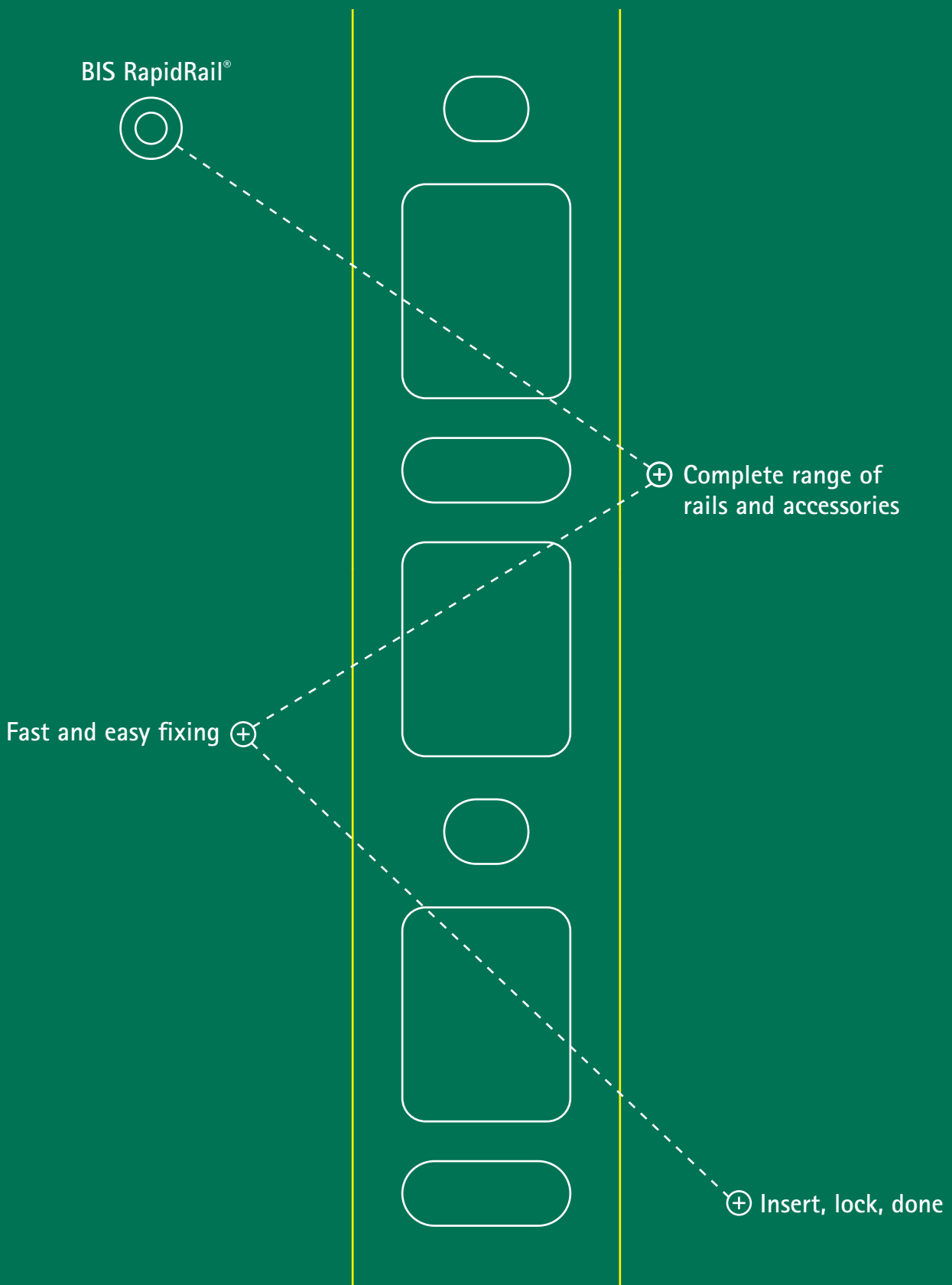
Proven to save
fixing time!



BIS RapidRail®

Light Rail Fixing System





Inspired by smart solutions from the start

Walraven is a globally active company in the installation industry, founded in 1942. We have always been dedicated to make the work of our customers easier and more effective. With simple and smart solutions, comprehensive services and excellent support.

Walraven. The value of smart

BIS RapidRail®

A light rail alternative to strut

RapidRail® is our unique light rail fixing system that we developed as a lightweight, easy to install alternative to traditional strut. For many installations like standard plumbing and heating pipework, ventilation pipes and cable trays, heavy and bulky 41x41 strut is not required.

Benefits of using a lighter rail

Using a lightweight alternative can provide many benefits including:

- **Easier to install** – especially when used in overhead applications, a lighter rail is easier to handle, and is less likely to result in accident or injury.
- **Easier to store and transport** – as well as being lighter, our RapidRail® is available in 2m lengths which makes it easier to store, carry and transport.
- **Environmental benefits** – a light rail is more environmentally friendly as it uses less steel.
- **Fast-fit accessories for faster installation** – with a full range of fast-fit accessories, installations can be made a lot quicker than with traditional strut systems, saving hours or even days on the jobsite.

BIS RapidRail® system

Features and benefits

Complete range of rail and accessories

- Our BIS RapidRail® system includes a complete range of lightweight rails plus accessories such as cantilever arms, rail connectors, hammerfix and slide nuts, ball swivels and more. All to help you make faster installations.

Proven to save up to 40% installation time

- The beauty of this system is the fast-fit accessories. You do not need to use any loose nuts, bolts and washers to assemble this rail system as the pre-assembled slide nuts replace these individual pieces saving you valuable installation time.

Suitable for a range of installations

- BIS RapidRail® is ideal for heating and plumbing pipework, cable trays, air ducts, ventilation channels and more.

RAL approved quality

- The system has a RAL quality mark which means it has been independently tested and certified as a system to guarantee quality, reliability and safety in construction.

Prefabrication service

- To save you even more time on site for larger installations, we offer a prefabrication service.

Technical design support

- Our Technical Support Team offer BIS RapidRail® solutions such as trapeze frames with calculations to demonstrate suitability for the installation requirements.
Contact us at technical.uk@walraven.com

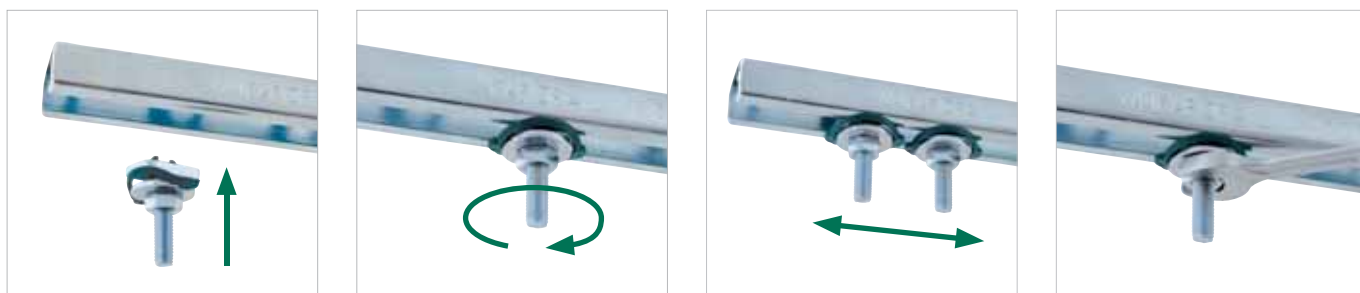


*Lightweight,
fast-fit rail system*

Save hours on your installations

The unique benefit of the BIS RapidRail® system is the time-saving gained from the pre-assembled slide nuts. Instead of using loose nuts, bolts and washers, our pre-assembled slide nuts and hammerfix are 3in1 parts that simply push and twist into the rail. No messing around with loose parts!

Installation – insert, lock, done!



Case study installation

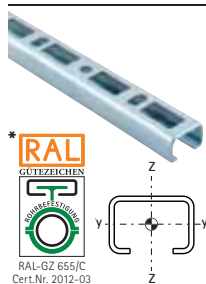
Craig at CR Plumbing and Heating is a self-employed plumbing and heating engineer who has been using BIS RapidRail® to install heating and hot water system conversions like the one below. He told us he saved hours on this installation due to the time-saving hammerfix and slide nuts.

"This system has been a great discovery for me! The benefit of not having to use loose nuts, bolts and washers is a huge time-saver on larger installations. The other accessories that come with this rail are also great, making it really versatile. The cantilever arms allow pipes to be run at multiple depths against the wall with ease."



Fixing rails and cantilever arms

BIS RapidRail® Fixing Rail



can be used on both sides

L (m)	WM0* 27 x 18 mm	WM1* 30 x 15 mm	WM15* 30 x 20 mm	WM2* 30 x 30 mm	WM30* 30 x 45 mm	WM35 38 x 40 mm
2	6505000	6505001	6505015	6505002	6505030	6505235
3	6505300	6505301	6505315	6505302	-	6505335
6	6505600	6505601	6505615	6505602	6505630	6505635

Surface treatment pre-galvanized.

BIS RapidRail® Cantilever Arms

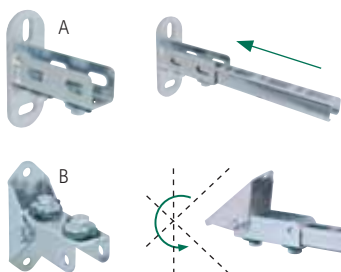


can be used on both sides

L (mm)	WM0 27 x 18 mm	WM1 30 x 15 mm	WM15 30 x 20 mm	WM2 30 x 30 mm	WM35 38 x 40 mm
150	6603015	-	6603715	6603215	-
200	6603019	6603120	6603720	6603220	66036820
250	-	-	6603725	6603225	66036825
300	6603030	6603130	-	6603230	-
350	-	-	-	-	66036835
400	-	-	-	6603240	66036840
500	6603050	-	-	6603250	66036850
600	-	-	-	-	66036860

Surface treatment: product is part of the BIS UltraProtect® 1000 system.

BIS RapidRail® Wall Plates

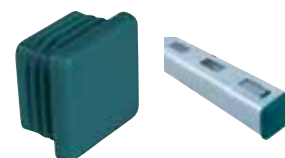


You can make your own cantilever arm on site by using the universal BIS RapidRail® Wall Plate. Simply cut the rail to size and place it in the wall plate. A fast, easy and flexible solution.

	WM0-30	WM1-30	WM35
A	6613200	-	6613235
B	-	6613250	-

Surface treatment zinc plated.

BIS Rail End Caps



Part No.	For
6566000	WM0, WM15
6566001	WM1
6566002	WM2
6566030	WM30
6566035	WM35

Accessories for pipe fixing

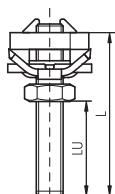
RAL quality mark

The BIS RapidRail® Accessories are tested, certified and externally monitored according to RAL-GZ 655/D in combination with the BIS RapidRail® Rails WM1, 2, 15, 30.



Exception: BIS RapidRail® Cross Connectors (Part No. 658415x) are certified in combination with BIS RapidRail® Fixing Rail WM0, 1, 15 only. For technical details, please take a look at the specific product in our web catalogue.

BIS RapidRail® Hammerfix



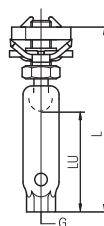
L (mm)	LU (mm)		WM0-35		
	M6	M8/M10	M6	M8	M10
20	5	-	6523602	-	-
25	-	7	-	6523802	6523002
30	15	12	6523603	6523803	6523003
40	25	22	6523604	6523804	6523004
50	-	32	-	6523805	6523005
60	-	42	-	6523806	6523006
70	-	52	-	6523807	-
80	-	62	-	6523808	6523008
90	-	72	-	6523809	-
100	85	82	-	6523810	6523010
120	-	102	-	6523812	-
150	-	132	-	6523815	-
160	-	142	-	-	6523016
180	-	162	-	6523818	-
200	-	182	-	6523820	-

BIS RapidRail® Slide Nuts



Type	WM0-35
M6	6513106
M8	6513108
M10	6513110

BIS RapidRail® Ball Swivel Hangers



G	L (mm)	LU (mm)	WM0-35
M8	45	18	6520100
M10	45	18	6520110
M8	70	43	6520200
M10	70	43	6520210

Accessories for rail construction

BIS RapidRail® T-connector



Part No.
6584090



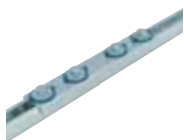
BIS RapidRail® X-connector



Part No.
6584091



BIS RapidRail® Connector



Part No.
6543001



BIS RapidRail® Cross Connectors



Part No.	For
6584150*	WM0
6584151*	WM1
6584152*	WM15
6584153	WM2
6584156	WM35



BIS RapidRail® Connectors 90°



	Part No.
1	6584003
2	6584002
3	6584001
4	6584011



BIS RapidRail® Connectors 135°



	Part No.
1	6584053
2	6584052
3	6584051



BIS RapidRail® Beam Clamps



Part No.	For
6585011	WM0-30
6585014	WM35

BIS RapidRail® Suspension Bracket



Part No.
6793008



BIS RapidRail®

For all light rail applications

*Perfect for heating and plumbing
pipework, cable trays, ventilation
ducts and more*



Accessories for rail construction

BIS Corner Bracket



Part No.	For
6603010	WM0-30

BIS Rail Junction Angle Brackets



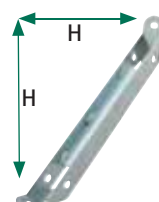
Part No.	For
6593010	WM0-30

BIS Rail Junction Assembly



Part No.	For
6613820	WM0-35

BIS Rail Props



Part No.	H (mm)	For
6628220	250	WM0-35
6628230	350	WM0-35

BIS Angle Formed Slide Nut



Part No.	G	For
6513709	M8	WM1-35

BIS Slide Nut 651



Part No.	G	For
6513006	M6	WM0-35
6513008	M8	WM0-35
6513010	M10	WM0-35

BIS Rubber Strip



Part No.	L	For
6568001	30 m	WM0-35

The right combination

2S clamps

With the 2S Walraven offers a standard lined clamp to fix uninsulated steel, copper and multilayer pipes Ø 10 mm up to and including Ø 225 mm. The gapless range has an optimised steel design and provides a solution for every medium load in accordance to RAL GZ-655.



Anti-loss washers prevent screws from falling out

WCS Concrete Screws



6253006



The WCS1 are suitable for overhead installations and for use with Walraven rail systems. They can be used with a variety of substrates including hollow core slabs, whilst offering outstanding performance in cracked and non cracked concrete. These products have additional anti-corrosion coating and are tested for fire resistance and for seismic installations. Full details can be found on the ETA certificate.

Suitable for a wide range of installations and substrates



6253104



6253510



6253606

Find out how we can support you

Would you like to find out more about any of the solutions described in this brochure?

Or would you like to discuss how we could help you find the best possible solution for your project? Get in touch today!

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