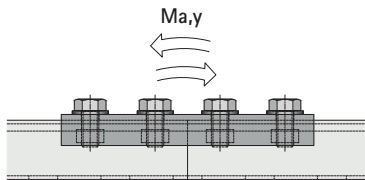


# Walraven RapidStrut® Linear Connector

## Technical Data Sheet

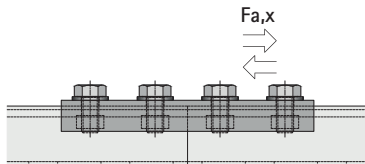
Details about test setup are described below the safe loads tables.

### Walraven RapidStrut® Linear Connector (BUP1000)



Part No.	On rail type	T (Nm)	Ma,y (Nm)
66588121	21   H (2.5 mm)	25	173
66588141	41   H (2.5 mm)	25	179
66588141	82   H (2.5 mm)	25	196

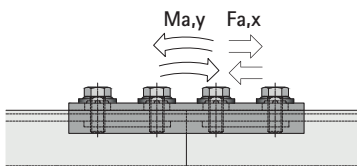
Test setup with Walraven Slide Nuts M12 (Part No. 65188012) and Walraven Bolts M12 x 25 mm (Part No. 61481225). No additional washers were used. The test was evaluated by visually judging the load displacement graph. Safety factor  $\gamma = 1.4$ .



Part No.	On rail type	T (Nm)	Fa,x (N)
66588121	21   H (2.5 mm)	30	1,870
66588141	41   H (2.5 mm)	30	2,280

Test setup with Walraven Slide Nuts M12 (Part No. 65188012), Walraven Bolts M12 x 30 mm (Part No. 61481230) and Walraven Washers 24 x 2.5 mm (Part No. 65381312). The safe load  $F_{a,x}$  is calculated using the method described in RAL-GZ 655 Sec D 3.4. Safety factor  $\gamma = 2.0$ .

### Walraven RapidStrut® Rail Connector (U-shaped) G2 (BUP1000)



Part No.	On rail type	T (Nm)	Fa,x (N)	Ma,y (Nm)
665885421	21   H (2.5 mm)	10	780	170
665885421	41   H (2.5 mm)	10	690	143

$M_{a,y}$  safe bending moment is evaluated by visually judging the load displacement graph. Safety factor  $\gamma = 1.4$ .  $F_{a,x}$  safe load is calculated using the method described in RAL-GZ 655 Sec D 3.4. Safety factor  $\gamma = 2.0$ .

## Find out how we can support you

Would you like to find out more about any of the solutions described in this Technical Data Sheet?  
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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our General Terms and Conditions. Additional information is available upon request. It is the designer's responsibility to select products suitable  
for the intended purpose and to ensure that performance data are not exceeded. The installation instructions should always be read and followed.