

## Wide Guide Rails R0455

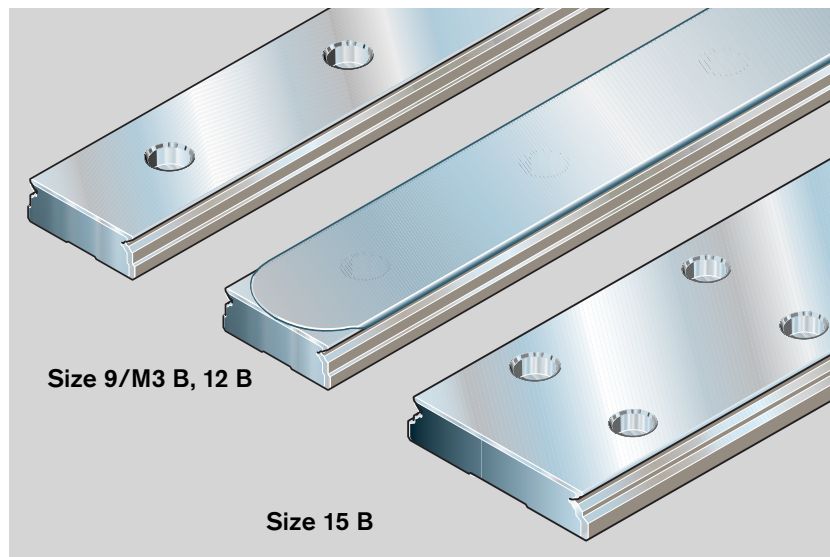
Mounting hole pattern size 9/M3 B, 12 B:

- single row

Mounting hole pattern size 15 B:

- double row

Guide rails are made of rust and acid resistant material similar to ISO 683-17 / EN 10088.



### Part numbers

Size	Accuracy class	Part numbers for wide guide rails Part number, Length L [mm]	
		without cover strip	with cover strip
9/M3 B	P	R0455 802 31,...	R0455 862 31,...
	H	R0455 803 31,...	R0455 863 31,...
	N	R0455 804 31,...	R0455 864 31,...
12 B	P	R0455 202 31,...	R0455 262 31,...
	H	R0455 203 31,...	R0455 263 31,...
	N	R0455 204 31,...	R0455 264 31,...
15 B	P	R0455 502 31,...	R0455 562 31,...
	H	R0455 503 31,...	R0455 563 31,...
	N	R0455 504 31,...	R0455 564 31,...

### Recommended rail lengths

$$L = n_B \cdot T - 4$$

L = rail length [mm]

T = hole spacing [mm]

n<sub>B</sub> = no. of holes per row

### Ordering examples

#### Example 2 (up to L<sub>max</sub> with cover strip):

Guide rail size 9/M3 B, accuracy class H, recommended rail length 926 mm (30 · T, number of holes n<sub>B</sub> = 31, T<sub>1</sub> at one end of guide rail = 4.5 mm)

Ordering data:

R0455 863 31, 926 mm, T<sub>1</sub> = 4.5 mm

(At the other end of the guide rail T<sub>1</sub> = 21.5 mm for production reasons.)

☞ If no T<sub>1</sub> is specified by the customer, both ends of the guide rail will be identical.

The rail lengths were calculated using the formula for recommended rail lengths.

#### Example 3 (over L<sub>max</sub>):

Guide rail size 15 B, accuracy class N, recommended rail length 1436 mm, 2 sections (35 · T, number of holes n<sub>B</sub> = 36 per row, T<sub>1</sub> is identical at both ends of the composite guide rail)

Ordering data: R0455 504 32, 1436 mm

Number of sections

#### Example 1 (up to L<sub>max</sub>):

Guide rail size 12 B, accuracy class P, recommended rail length 836 mm (20 · T, number of holes n<sub>B</sub> = 21, T<sub>1</sub> is identical at both ends of the guide rail)

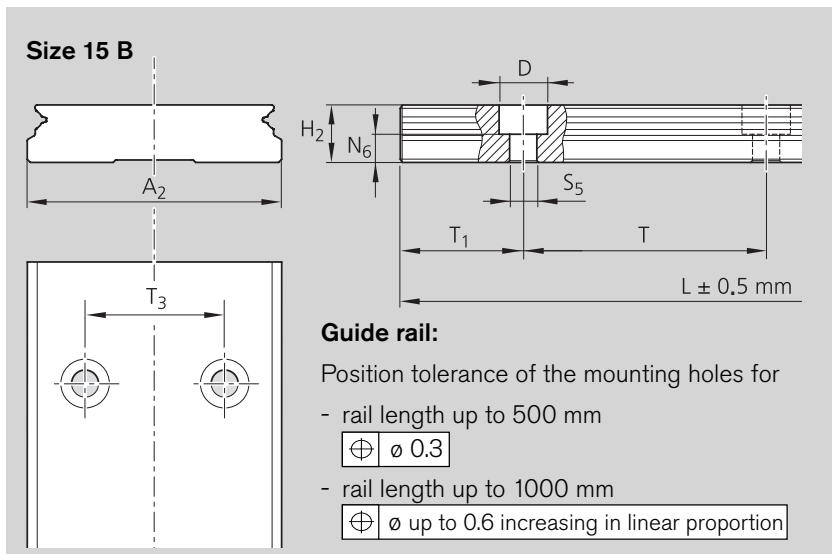
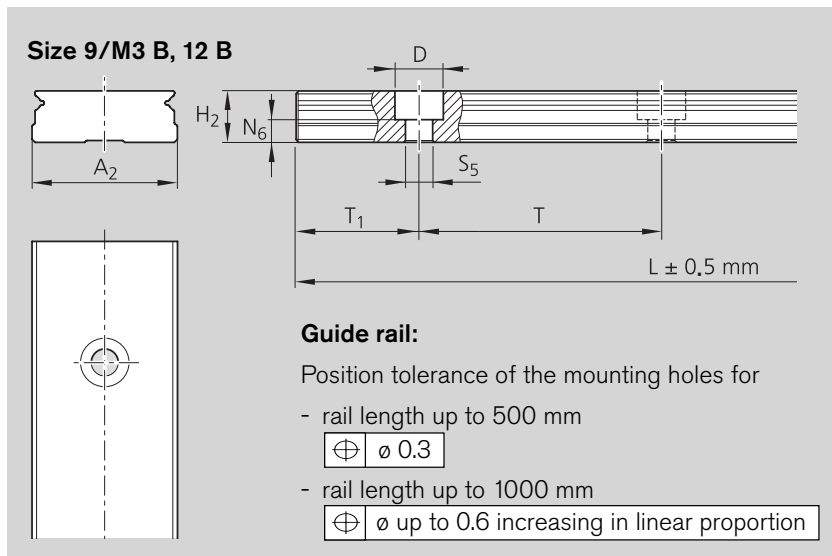
Ordering data: R0455 202 31, 836 mm

#### Example 4 (one-piece over L<sub>max</sub>):

Guide rail size 12 B, accuracy class P, recommended rail length 1636 mm (40 · T, number of holes n<sub>B</sub> = 41, T<sub>1</sub> is identical at both ends of the guide rail)

Ordering data: R0455 202 31, 1636 mm

**Dimensions and weights**



Size	Dimensions [mm]										Weight g/100 mm
	A <sub>2</sub>	H <sub>2</sub> <sup>1)</sup>	N <sub>6</sub>	D	S <sub>5</sub>	T <sub>1min</sub>	T <sub>1max</sub>	T	T <sub>3</sub>	L <sub>max</sub> <sup>2)3)</sup>	
<b>9/M3 B</b>	18	7.5	2.7	6.0	3.5	4.5	25.5	30	–	1000	92
<b>12 B</b>	24	8.5	3.7	8.0	4.5	5.5	34.5	40	–	1000	145
<b>15 B</b>	42	9.5	4.7	8.0	4.5	5.5	34.5	40	23	1000	286

<sup>1)</sup> Dimensions without cover strip

<sup>2)</sup> For rail lengths longer than L<sub>max</sub> factory-made mating sections are joined end-to-end.

<sup>3)</sup> For special cases one-piece guide rails up to 2000 mm length possible (please check with factory).