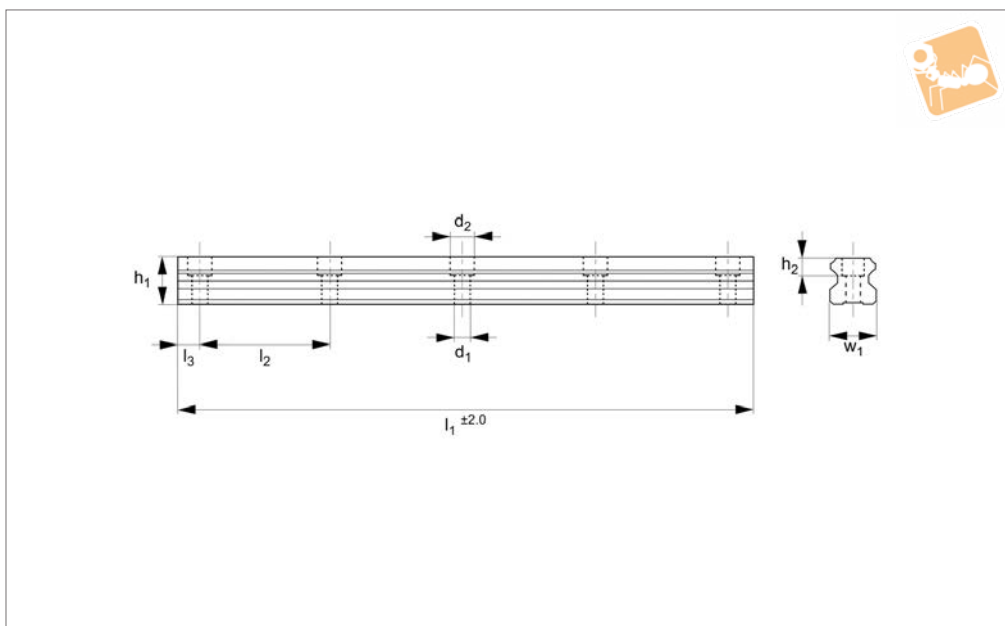




# 15mm Linear Guide Rail

standard, blackened

Linear Guide-ways



**L1016.BL15**

LINEAR GUIDEWAYS

## Material

Hardened and ground steel (typically 60 HRC). Black oxide.

part nos. L1016.F (flanged) and L1016.U (unflanged).

Other rail lengths on request.

Weight: 1,4 Kg/m.

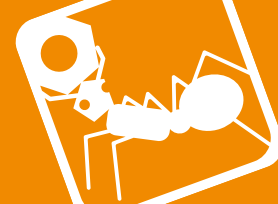
## Tips

Plastic screw covers issued with the rails to protect screw holes from debris.

## Technical Notes

For carriages to suit the required load see

| Order No.       | Rail size | $l_1$ | $h_1$ | $l_2$ | $w_1$ | $l_3$ | $h_2$ | $d_1$ | $d_2$ | For screws | Weight kg |
|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-----------|
| L1016.BL15-0160 | 15        | 160   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.22      |
| L1016.BL15-0220 | 15        | 220   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.31      |
| L1016.BL15-0280 | 15        | 280   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.39      |
| L1016.BL15-0340 | 15        | 340   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.48      |
| L1016.BL15-0400 | 15        | 400   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.56      |
| L1016.BL15-0460 | 15        | 460   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.64      |
| L1016.BL15-0520 | 15        | 520   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.73      |
| L1016.BL15-0580 | 15        | 580   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.81      |
| L1016.BL15-0640 | 15        | 640   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.90      |
| L1016.BL15-0700 | 15        | 700   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 0.98      |
| L1016.BL15-0760 | 15        | 760   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.06      |
| L1016.BL15-0820 | 15        | 820   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.15      |
| L1016.BL15-0880 | 15        | 880   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.23      |
| L1016.BL15-0940 | 15        | 940   | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.32      |
| L1016.BL15-1000 | 15        | 1000  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.40      |
| L1016.BL15-1060 | 15        | 1060  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.48      |
| L1016.BL15-1120 | 15        | 1120  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.57      |
| L1016.BL15-1180 | 15        | 1180  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.65      |
| L1016.BL15-1240 | 15        | 1240  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.74      |
| L1016.BL15-1300 | 15        | 1300  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.82      |
| L1016.BL15-1360 | 15        | 1360  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.90      |
| L1016.BL15-1420 | 15        | 1420  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 1.99      |
| L1016.BL15-1480 | 15        | 1480  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.07      |
| L1016.BL15-1540 | 15        | 1540  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.16      |
| L1016.BL15-1600 | 15        | 1600  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.24      |
| L1016.BL15-1660 | 15        | 1660  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.32      |
| L1016.BL15-1720 | 15        | 1720  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.41      |
| L1016.BL15-1780 | 15        | 1780  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.49      |
| L1016.BL15-1840 | 15        | 1840  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.58      |
| L1016.BL15-1900 | 15        | 1900  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.66      |
| L1016.BL15-1960 | 15        | 1960  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.74      |
| L1016.BL15-2020 | 15        | 2020  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.83      |



| Order No.       | Rail size | $l_1$ | $h_1$ | $l_2$ | $w_1$ | $l_3$ | $h_2$ | $d_1$ | $d_2$ | For screws | Weight<br>kg |
|-----------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|------------|--------------|
| L1016.BL15-2080 | 15        | 2080  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 2.91         |
| L1016.BL15-2140 | 15        | 2140  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.00         |
| L1016.BL15-2200 | 15        | 2220  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.08         |
| L1016.BL15-2260 | 15        | 2260  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.16         |
| L1016.BL15-2320 | 15        | 2320  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.25         |
| L1016.BL15-2380 | 15        | 2380  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.33         |
| L1016.BL15-2440 | 15        | 2440  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.42         |
| L1016.BL15-2500 | 15        | 2500  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.50         |
| L1016.BL15-2560 | 15        | 2560  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.58         |
| L1016.BL15-2620 | 15        | 2620  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.67         |
| L1016.BL15-2680 | 15        | 2680  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.75         |
| L1016.BL15-2740 | 15        | 2740  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.84         |
| L1016.BL15-2800 | 15        | 2800  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 3.92         |
| L1016.BL15-2860 | 15        | 2860  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.00         |
| L1016.BL15-2920 | 15        | 2920  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.09         |
| L1016.BL15-2980 | 15        | 2980  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.17         |
| L1016.BL15-3040 | 15        | 3040  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.26         |
| L1016.BL15-3100 | 15        | 3100  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.34         |
| L1016.BL15-3160 | 15        | 3160  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.42         |
| L1016.BL15-3220 | 15        | 3220  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.51         |
| L1016.BL15-3280 | 15        | 3280  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.59         |
| L1016.BL15-3340 | 15        | 3340  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.68         |
| L1016.BL15-3400 | 15        | 3400  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.76         |
| L1016.BL15-3460 | 15        | 3460  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.84         |
| L1016.BL15-3520 | 15        | 3520  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 4.93         |
| L1016.BL15-3580 | 15        | 3580  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.01         |
| L1016.BL15-3640 | 15        | 3640  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.10         |
| L1016.BL15-3700 | 15        | 3700  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.18         |
| L1016.BL15-3760 | 15        | 3760  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.26         |
| L1016.BL15-3820 | 15        | 3820  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.35         |
| L1016.BL15-3880 | 15        | 3880  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.43         |
| L1016.BL15-3940 | 15        | 3940  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.52         |
| L1016.BL15-4000 | 15        | 4000  | 13    | 60    | 15    | 20    | 6.0   | 4.5   | 7.5   | M 4        | 5.60         |