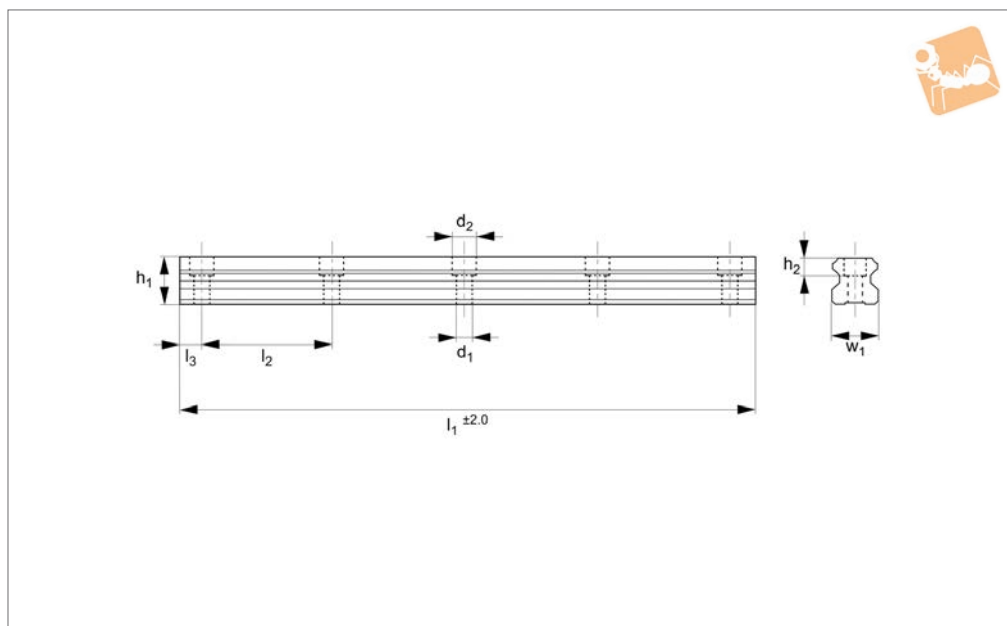




# 45mm Needle Roller Linear Rail

heavy duty

Linear Guide-ways



**L1017.45**

LINEAR GUIDEWAYS

## Material

Hardened and ground steel (typically 60 HRC).

## Technical Notes

For carriages to suit the required load see

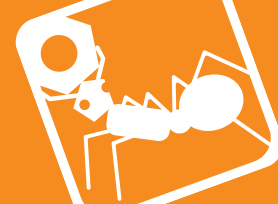
part nos. L1017.FN (flanged) and L1017.UN (unflanged).  
Supplied with plastic covers for screws.

## Tips

These are very heavy duty needle roller

rails and can only be used with corresponding needle roller carriages L1017. For standard linear guideways and carriages see part no. L1016.

| Order No.     | Rail size | w <sub>1</sub> | h <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | For screw | h <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | l <sub>3</sub> | Weight kg |
|---------------|-----------|----------------|----------------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|-----------|
| L1017.45-0320 | 45        | 45             | 40             | 320            | 52.5           | M12       | 17             | 14             | 20             | 25             | 3.42      |
| L1017.45-0400 | 45        | 45             | 40             | 400            | 52.5           | M12       | 17             | 14             | 20             | 25             | 4.28      |
| L1017.45-0480 | 45        | 45             | 40             | 480            | 52.5           | M12       | 17             | 14             | 20             | 25             | 5.14      |
| L1017.45-0560 | 45        | 45             | 40             | 560            | 52.5           | M12       | 17             | 14             | 20             | 25             | 5.99      |
| L1017.45-0640 | 45        | 45             | 40             | 640            | 52.5           | M12       | 17             | 14             | 20             | 25             | 6.85      |
| L1017.45-0720 | 45        | 45             | 40             | 720            | 52.5           | M12       | 17             | 14             | 20             | 25             | 7.70      |
| L1017.45-0800 | 45        | 45             | 40             | 800            | 52.5           | M12       | 17             | 14             | 20             | 25             | 8.56      |
| L1017.45-0880 | 45        | 45             | 40             | 880            | 52.5           | M12       | 17             | 14             | 20             | 25             | 9.42      |
| L1017.45-0960 | 45        | 45             | 40             | 960            | 52.5           | M12       | 17             | 14             | 20             | 25             | 10.27     |
| L1017.45-1040 | 45        | 45             | 40             | 1040           | 52.5           | M12       | 17             | 14             | 20             | 25             | 11.13     |
| L1017.45-1120 | 45        | 45             | 40             | 1120           | 52.5           | M12       | 17             | 14             | 20             | 25             | 11.98     |
| L1017.45-1200 | 45        | 45             | 40             | 1200           | 52.5           | M12       | 17             | 14             | 20             | 25             | 12.84     |
| L1017.45-1280 | 45        | 45             | 40             | 1280           | 52.5           | M12       | 17             | 14             | 20             | 25             | 13.70     |
| L1017.45-1360 | 45        | 45             | 40             | 1360           | 52.5           | M12       | 17             | 14             | 20             | 25             | 14.55     |
| L1017.45-1440 | 45        | 45             | 40             | 1440           | 52.5           | M12       | 17             | 14             | 20             | 25             | 15.41     |
| L1017.45-1520 | 45        | 45             | 40             | 1520           | 52.5           | M12       | 17             | 14             | 20             | 25             | 16.26     |
| L1017.45-1600 | 45        | 45             | 40             | 1600           | 52.5           | M12       | 17             | 14             | 20             | 25             | 17.12     |
| L1017.45-1680 | 45        | 45             | 40             | 1680           | 52.5           | M12       | 17             | 14             | 20             | 25             | 17.98     |
| L1017.45-1760 | 45        | 45             | 40             | 1760           | 52.5           | M12       | 17             | 14             | 20             | 25             | 18.83     |
| L1017.45-1840 | 45        | 45             | 40             | 1840           | 52.5           | M12       | 17             | 14             | 20             | 25             | 19.69     |
| L1017.45-1920 | 45        | 45             | 40             | 1920           | 52.5           | M12       | 17             | 14             | 20             | 25             | 20.54     |
| L1017.45-2000 | 45        | 45             | 40             | 2000           | 52.5           | M12       | 17             | 14             | 20             | 25             | 21.40     |
| L1017.45-2080 | 45        | 45             | 40             | 2080           | 52.5           | M12       | 17             | 14             | 20             | 25             | 22.26     |
| L1017.45-2160 | 45        | 45             | 40             | 2160           | 52.5           | M12       | 17             | 14             | 20             | 25             | 23.11     |
| L1017.45-2240 | 45        | 45             | 40             | 2240           | 52.5           | M12       | 17             | 14             | 20             | 25             | 23.97     |
| L1017.45-2320 | 45        | 45             | 40             | 2320           | 52.5           | M12       | 17             | 14             | 20             | 25             | 24.82     |
| L1017.45-2400 | 45        | 45             | 40             | 2400           | 52.5           | M12       | 17             | 14             | 20             | 25             | 25.68     |
| L1017.45-2480 | 45        | 45             | 40             | 2480           | 52.5           | M12       | 17             | 14             | 20             | 25             | 26.54     |
| L1017.45-2560 | 45        | 45             | 40             | 2560           | 52.5           | M12       | 17             | 14             | 20             | 25             | 27.39     |
| L1017.45-2640 | 45        | 45             | 40             | 2640           | 52.5           | M12       | 17             | 14             | 20             | 25             | 28.25     |
| L1017.45-2720 | 45        | 45             | 40             | 2720           | 52.5           | M12       | 17             | 14             | 20             | 25             | 29.10     |
| L1017.45-2800 | 45        | 45             | 40             | 2800           | 52.5           | M12       | 17             | 14             | 20             | 25             | 29.96     |



| Order No.            | Rail size | w <sub>1</sub> | h <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | For screw | h <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | l <sub>3</sub> | Weight<br>kg |
|----------------------|-----------|----------------|----------------|----------------|----------------|-----------|----------------|----------------|----------------|----------------|--------------|
| <b>L1017.45-2880</b> | 45        | 45             | 40             | 2880           | 52.5           | M12       | 17             | 14             | 20             | 25             | 30.82        |
| <b>L1017.45-2960</b> | 45        | 45             | 40             | 2960           | 52.5           | M12       | 17             | 14             | 20             | 25             | 31.67        |
| <b>L1017.45-3040</b> | 45        | 45             | 40             | 3040           | 52.5           | M12       | 17             | 14             | 20             | 25             | 32.53        |
| <b>L1017.45-3120</b> | 45        | 45             | 40             | 3120           | 52.5           | M12       | 17             | 14             | 20             | 25             | 33.38        |
| <b>L1017.45-3200</b> | 45        | 45             | 40             | 3200           | 52.5           | M12       | 17             | 14             | 20             | 25             | 34.24        |
| <b>L1017.45-3280</b> | 45        | 45             | 40             | 3280           | 52.5           | M12       | 17             | 14             | 20             | 25             | 35.10        |
| <b>L1017.45-3360</b> | 45        | 45             | 40             | 3360           | 52.5           | M12       | 17             | 14             | 20             | 25             | 35.95        |
| <b>L1017.45-3440</b> | 45        | 45             | 40             | 3440           | 52.5           | M12       | 17             | 14             | 20             | 25             | 36.81        |
| <b>L1017.45-3520</b> | 45        | 45             | 40             | 3520           | 52.5           | M12       | 17             | 14             | 20             | 25             | 37.66        |
| <b>L1017.45-3600</b> | 45        | 45             | 40             | 3600           | 52.5           | M12       | 17             | 14             | 20             | 25             | 38.52        |
| <b>L1017.45-3680</b> | 45        | 45             | 40             | 3680           | 52.5           | M12       | 17             | 14             | 20             | 25             | 39.38        |
| <b>L1017.45-3760</b> | 45        | 45             | 40             | 3760           | 52.5           | M12       | 17             | 14             | 20             | 25             | 40.23        |
| <b>L1017.45-3840</b> | 45        | 45             | 40             | 3840           | 52.5           | M12       | 17             | 14             | 20             | 25             | 41.09        |
| <b>L1017.45-3920</b> | 45        | 45             | 40             | 3920           | 52.5           | M12       | 17             | 14             | 20             | 25             | 41.94        |
| <b>L1017.45-4000</b> | 45        | 45             | 40             | 4000           | 52.5           | M12       | 17             | 14             | 20             | 25             | 42.80        |