

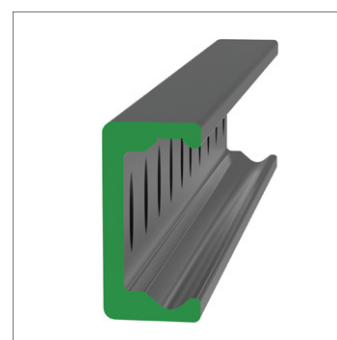
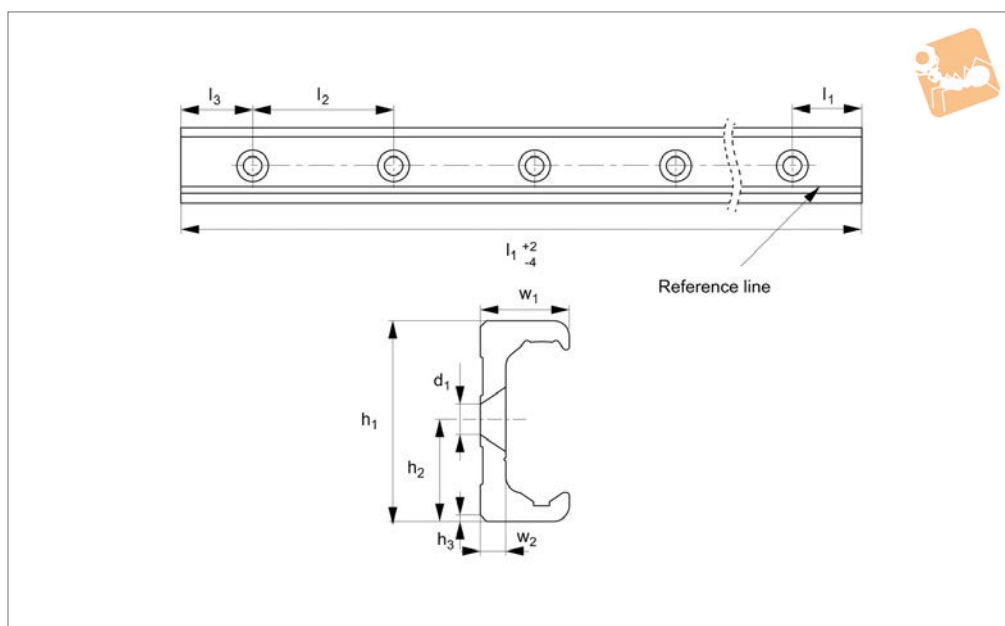


# Very Heavy Duty K Rail

countersunk holes



Long Linear  
Rails



**L1963.63K-V**

LONG LINEAR RAILS

## Material

Carbon steel. Raceways induction hardened and ground.

Electrolytic zinc-plated (excluding raceways).

## Technical Notes

The K rail is a master rail and is usually used with a U slave rail (allows for system

misalignment in two planes).

This is the countersunk rail type which is usually used with a corresponding ULV rail.

For fixing use countersunk DIN 7991 screws.

Weight: 6,0 Kg/m.

## Tips

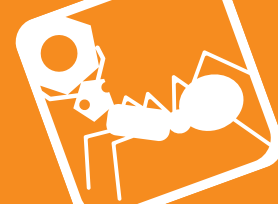
Standard carriages are the L1963.N

versions (die cast aluminium alloy with wipers). Alternatively the L1963.C type is also available (without wipers).

## Important Notes

K Rails are not suited for vertical applications.

| Order No.        | d <sub>1</sub> | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | w <sub>1</sub> | w <sub>2</sub> |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| L1963.63K-0400-V | M8             | 63             | 31.5           | 2x45°          | 400            | 80             | 40             | 28             | 8              |
| L1963.63K-0480-V | M8             | 63             | 31.5           | 2x45°          | 480            | 80             | 40             | 28             | 8              |
| L1963.63K-0560-V | M8             | 63             | 31.5           | 2x45°          | 560            | 80             | 40             | 28             | 8              |
| L1963.63K-0640-V | M8             | 63             | 31.5           | 2x45°          | 640            | 80             | 40             | 28             | 8              |
| L1963.63K-0720-V | M8             | 63             | 31.5           | 2x45°          | 720            | 80             | 40             | 28             | 8              |
| L1963.63K-0800-V | M8             | 63             | 31.5           | 2x45°          | 800            | 80             | 40             | 28             | 8              |
| L1963.63K-0880-V | M8             | 63             | 31.5           | 2x45°          | 880            | 80             | 40             | 28             | 8              |
| L1963.63K-0960-V | M8             | 63             | 31.5           | 2x45°          | 960            | 80             | 40             | 28             | 8              |
| L1963.63K-1040-V | M8             | 63             | 31.5           | 2x45°          | 1040           | 80             | 40             | 28             | 8              |
| L1963.63K-1120-V | M8             | 63             | 31.5           | 2x45°          | 1120           | 80             | 40             | 28             | 8              |
| L1963.63K-1200-V | M8             | 63             | 31.5           | 2x45°          | 1200           | 80             | 40             | 28             | 8              |
| L1963.63K-1280-V | M8             | 63             | 31.5           | 2x45°          | 1280           | 80             | 40             | 28             | 8              |
| L1963.63K-1360-V | M8             | 63             | 31.5           | 2x45°          | 1360           | 80             | 40             | 28             | 8              |
| L1963.63K-1440-V | M8             | 63             | 31.5           | 2x45°          | 1440           | 80             | 40             | 28             | 8              |
| L1963.63K-1520-V | M8             | 63             | 31.5           | 2x45°          | 1520           | 80             | 40             | 28             | 8              |
| L1943.63K-1600-V | M8             | 63             | 31.5           | 2x45°          | 1600           | 80             | 40             | 28             | 8              |
| L1963.63K-1680-V | M8             | 63             | 31.5           | 2x45°          | 1680           | 80             | 40             | 28             | 8              |
| L1963.63K-1760-V | M8             | 63             | 31.5           | 2x45°          | 1760           | 80             | 40             | 28             | 8              |
| L1963.63K-1840-V | M8             | 63             | 31.5           | 2x45°          | 1840           | 80             | 40             | 28             | 8              |
| L1963.63K-1920-V | M8             | 63             | 31.5           | 2x45°          | 1920           | 80             | 40             | 28             | 8              |
| L1963.63K-2000-V | M8             | 63             | 31.5           | 2x45°          | 2000           | 80             | 40             | 28             | 8              |
| L1963.63K-2080-V | M8             | 63             | 31.5           | 2x45°          | 2080           | 80             | 40             | 28             | 8              |
| L1963.63K-2160-V | M8             | 63             | 31.5           | 2x45°          | 2160           | 80             | 40             | 28             | 8              |
| L1963.63K-2240-V | M8             | 63             | 31.5           | 2x45°          | 2240           | 80             | 40             | 28             | 8              |
| L1963.63K-2320-V | M8             | 63             | 31.5           | 2x45°          | 2320           | 80             | 40             | 28             | 8              |
| L1963.63K-2400-V | M8             | 63             | 31.5           | 2x45°          | 2400           | 80             | 40             | 28             | 8              |
| L1963.63K-2480-V | M8             | 63             | 31.5           | 2x45°          | 2480           | 80             | 40             | 28             | 8              |
| L1963.63K-2560-V | M8             | 63             | 31.5           | 2x45°          | 2560           | 80             | 40             | 28             | 8              |
| L1963.63K-2640-V | M8             | 63             | 31.5           | 2x45°          | 2640           | 80             | 40             | 28             | 8              |



| Order No.        | d <sub>1</sub> | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | w <sub>1</sub> | w <sub>2</sub> |
|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| L1963.63K-2720-V | M8             | 63             | 31.5           | 2x45°          | 2720           | 80             | 40             | 28             | 8              |
| L1963.63K-2800-V | M8             | 63             | 31.5           | 2x45°          | 2800           | 80             | 40             | 28             | 8              |
| L1963.63K-2880-V | M8             | 63             | 31.5           | 2x45°          | 2880           | 80             | 40             | 28             | 8              |
| L1963.63K-2960-V | M8             | 63             | 31.5           | 2x45°          | 2960           | 80             | 40             | 28             | 8              |
| L1963.63K-3040-V | M8             | 63             | 31.5           | 2x45°          | 3040           | 80             | 40             | 28             | 8              |
| L1963.63K-3120-V | M8             | 63             | 31.5           | 2x45°          | 3120           | 80             | 40             | 28             | 8              |
| L1963.63K-3200-V | M8             | 63             | 31.5           | 2x45°          | 3200           | 80             | 40             | 28             | 8              |
| L1963.63K-3280-V | M8             | 63             | 31.5           | 2x45°          | 3280           | 80             | 40             | 28             | 8              |
| L1963.63K-3360-V | M8             | 63             | 31.5           | 2x45°          | 3360           | 80             | 40             | 28             | 8              |
| L1963.63K-3440-V | M8             | 63             | 31.5           | 2x45°          | 3440           | 80             | 40             | 28             | 8              |
| L1963.63K-3520-V | M8             | 63             | 31.5           | 2x45°          | 3520           | 80             | 40             | 28             | 8              |
| L1963.63K-3600-V | M8             | 63             | 31.5           | 2x45°          | 3600           | 80             | 40             | 28             | 8              |
| L1963.63K-3680-V | M8             | 63             | 31.5           | 2x45°          | 3680           | 80             | 40             | 28             | 8              |
| L1963.63K-3760-V | M8             | 63             | 31.5           | 2x45°          | 3760           | 80             | 40             | 28             | 8              |
| L1963.63K-3840-V | M8             | 63             | 31.5           | 2x45°          | 3840           | 80             | 40             | 28             | 8              |
| L1963.63K-3920-V | M8             | 63             | 31.5           | 2x45°          | 3920           | 80             | 40             | 28             | 8              |
| L1963.63K-4000-V | M8             | 63             | 31.5           | 2x45°          | 4000           | 80             | 40             | 28             | 8              |
| L1963.63K-4080-V | M8             | 63             | 31.5           | 2x45°          | 4080           | 80             | 40             | 28             | 8              |