

ALUMINUM TELESCOPIC RAILS

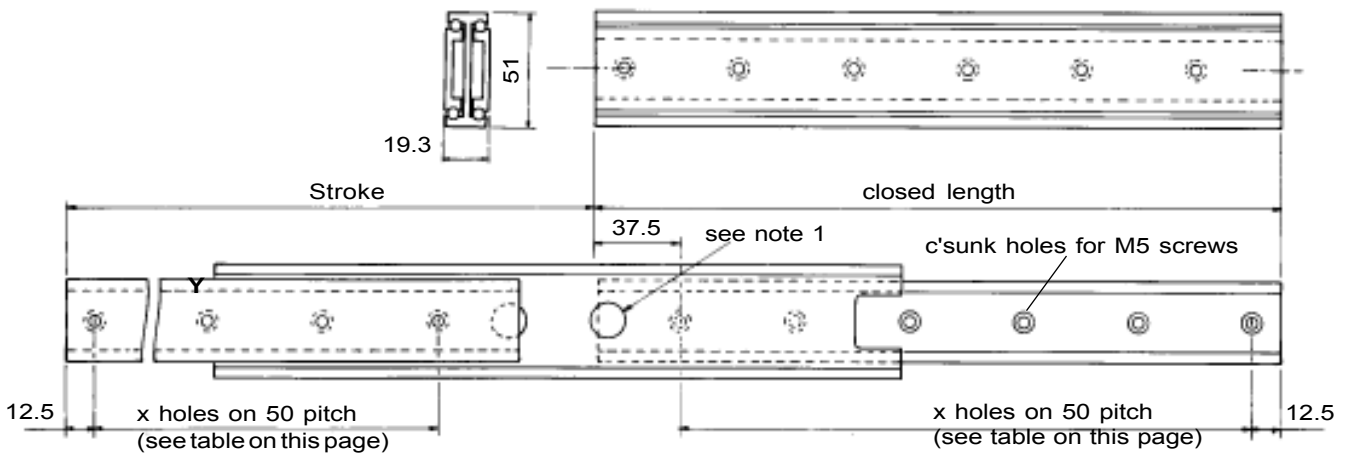
LTA51 Series

The LTA51 are small aluminum alloy telescopic rails with a smooth movement and low pull-out force coupled with good load carrying capacity. The design is symmetrical with the metal largely equalized between the beams.

Wide outer beams result in a high load carrying ability and reduce deflection.

A row of ball bearings concealed in nylon cages ensure smooth and easy operation.

Dimensions in mm



note 1: Ø15 mm holes in center beam allow easy access to fixing holes.

AVAILABILITY

Available in seven lengths as shown below. All incorporate 30 mm over-extension, thus effectively covering depths from around 300 mm to 630 mm.

Special requests can be discussed with our Technical Department.

STANDARD LENGTHS - LTA51 Series

Closed length in mm

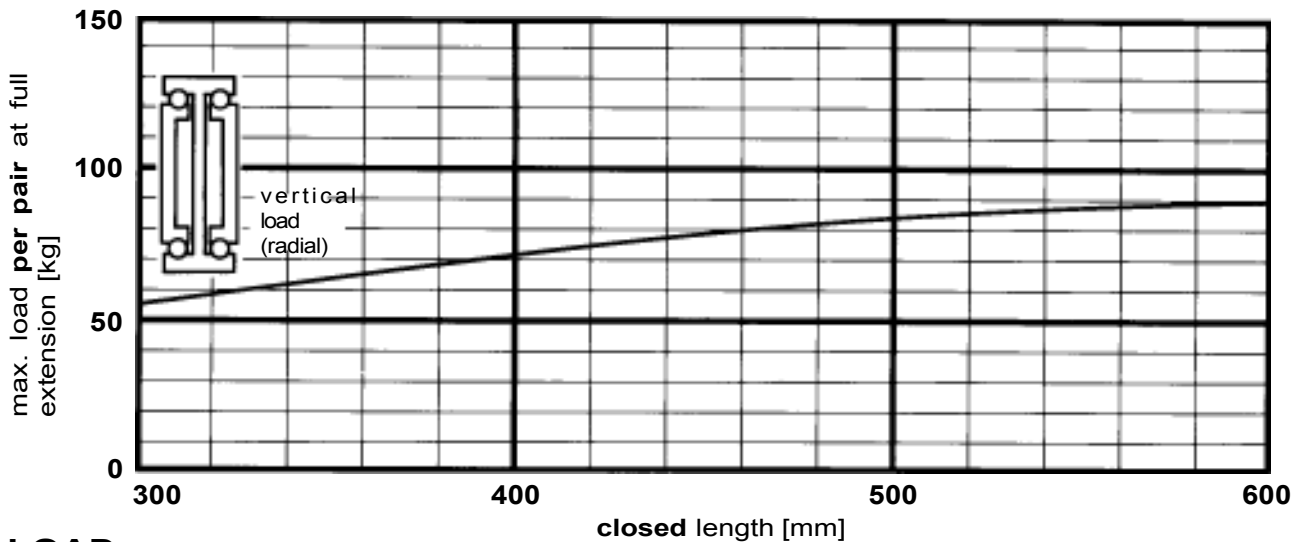
300 350 400 450 500 550 600

Stroke in mm

330 380 430 480 530 580 630

No. of holes in each beam (x)

6 7 8 9 10 11 12



LOAD

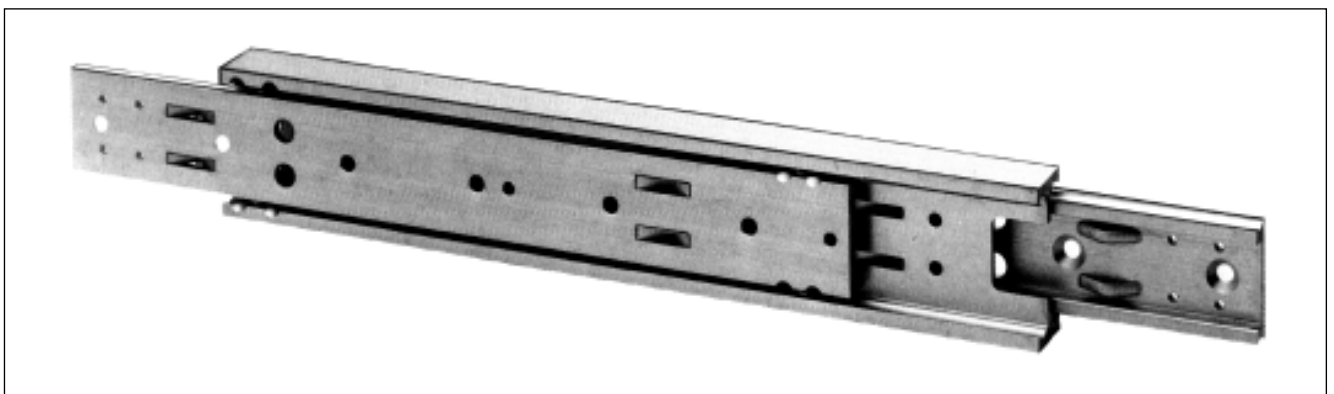
This graph assumes a uniformly distributed load acting radially on a pair of rails which are rigidly attached throughout their length to the structure. The maximum load is governed by both the sag of the extended rail and the strength of the other rail components. The result is a slide whose load capacity increases with length over the standard range. The loads indicated are based on a maximum rail deflection of 7 mm and a maximum opening force of 8 kg.

SPECIFICATIONS

- All beams are made from anodized aluminum alloy.
- Ball bearings inside nylon cages allow the sliding movement.
- Maximum operating temperature 70°C.
- Weight 3.4 kg/m per pair.

OPTIONS

- LTA51BS and LTA51BD are similar but incorporate a built in latch, operating when the rail is fully closed or fully extended. See page 22.
- LTA51ES and LTA51ED are similar but incorporate a built in latch, operating when the rail is fully extended only. See page 24.
- LTA34.. are a smaller version. See pages 14-16-18.



ORDER CODES

LTA51 - 300

