

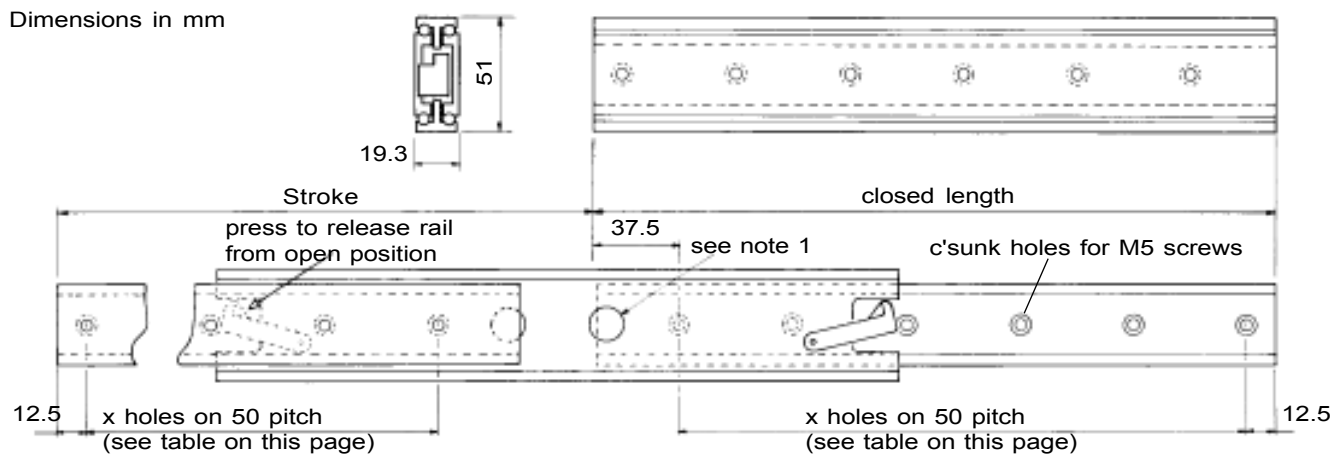
# ALUMINUM TELESCOPIC RAILS

## LTA51ES, LTA51ED Series

The LTA51ES and LTA51ED are a pair of ball bearing rails with an integral latching system which locks the rail when fully extended. The photograph shows the latching lever which automatically engages in studs when the rail is fully extended.

The design is symmetrical and the central “I” shaped beam give the rail excellent load carrying ability.

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



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 - LTA51ES, LTA51ED Series

*Closed length in mm*

300    350    400    450    500    550    600

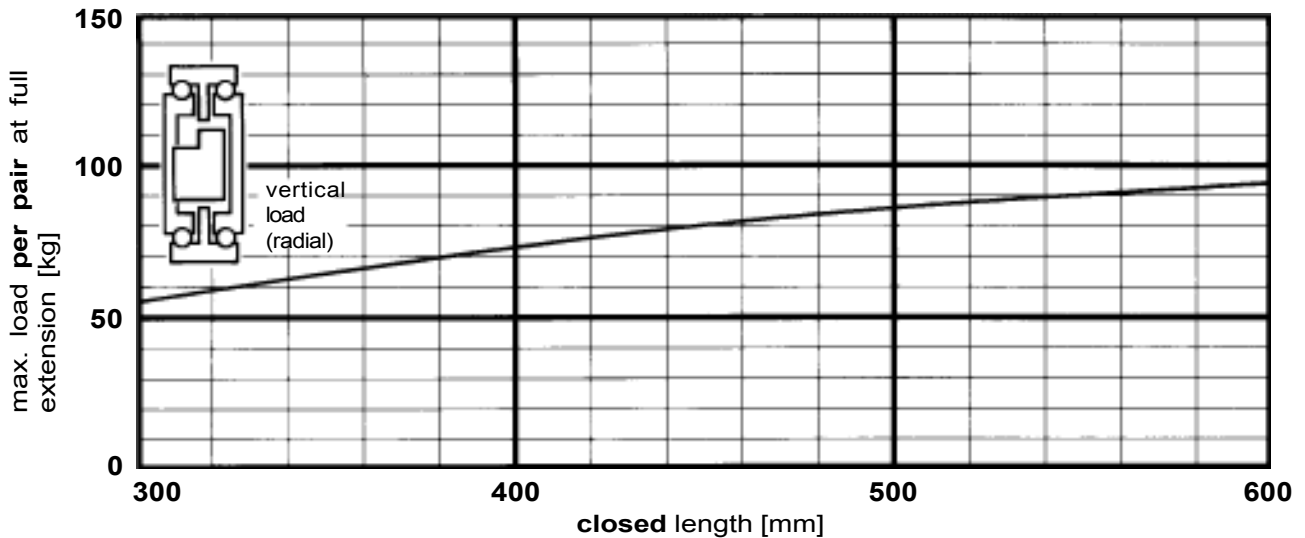
*Stroke in mm*

330    380    430    480    530    580    630

*No. of holes in each beam (x)*

6        7        8        9        10       11       12

Cabinet depth must allow for latch space.



**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.

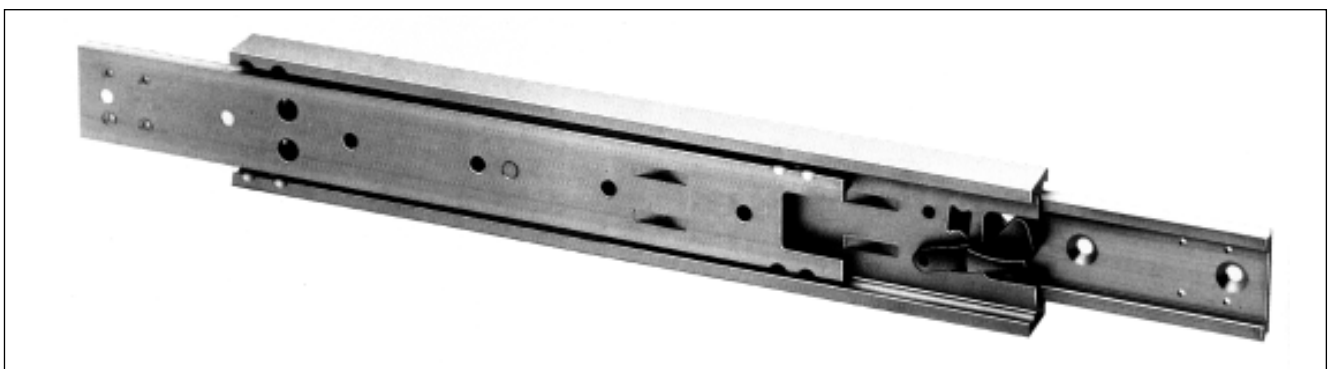
The loads indicated are based on a maximum rail deflection of 7 mm and a maximum opening force of 8 kg.

**SPECIFICATIONS**

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

**OPTIONS**

- LTA51 are similar but do not incorporate a built in latch. See page 20.
- LTA51BS and LTA51BD are similar but incorporate a built in latch which operates when the rail is fully closed or fully extended. See page 22.
- LTA34 are a smaller version. See pages 14-16-18.



**ORDER CODES**

**LTA51ES - 300**

