

Revision #	Revision Date
# 0	18/01/2023



INTRODUCTION

Handrails to ramps must comply to current building regulations.

The Lockinex system complies and provides a robust, economical & practical solution. The simplicity of the readily available components make the installation quick and permanent. Detailed drawings are not required, as the flexibility of the products ensures that any modifications or alterations can be made on site easily.

APPLICATION

Since the design & promotion of this product installations have taken place in many areas in the public domain, such as, Railway Stations, Service walkways, Museums, Service ramps to many types of buildings, Surgerys, Churches, Care Homes, Hospitals.

COMPOSITION, MANUFACTURE

Manufactured in mild steel, all components are as a standard hot dipped galvanised for years of service life.

A powder coated finish can be applied to all components or just the handrails. This serves as a "Warm to the touch" surface on the handrails and gives s clearly defined handrail to hold onto.



Posts core drilled into brickwork

DESIGN

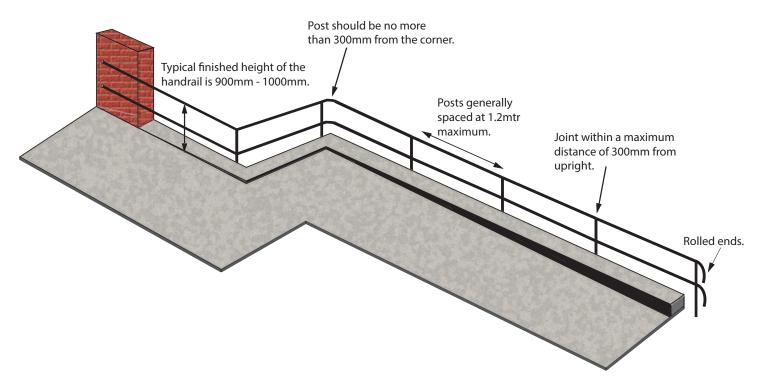
A fabricated/welded handrail would require site surveys, detailed drawings, a first fix to ensure everything fits. A return to site for the final fix.

With the Lockinex Ramp Handrail system, components can be ordered and delivered direct to site for easy installation. If a few more components are required these can be shipped immediately, with no delay in the completion of the works.

The design complies with current UK building regulations.



General Layout for a ramp area

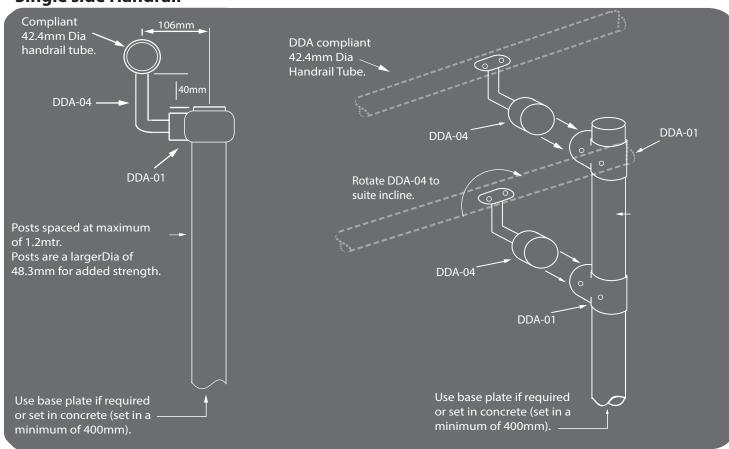




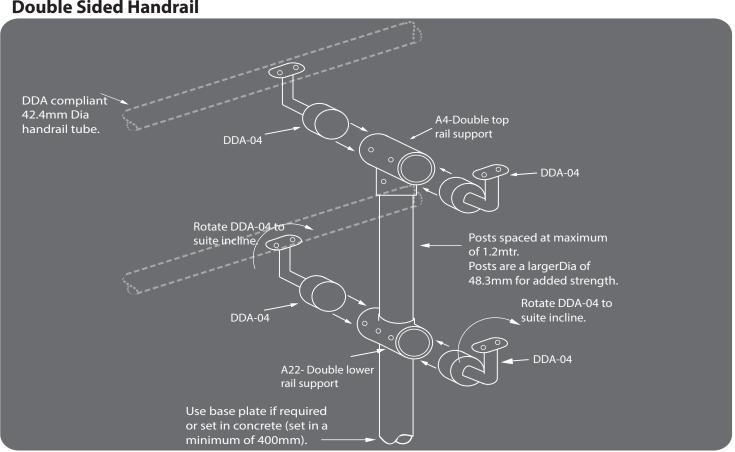




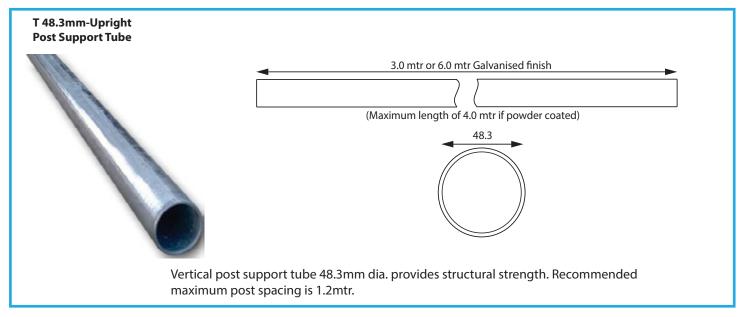
Single side Handrail

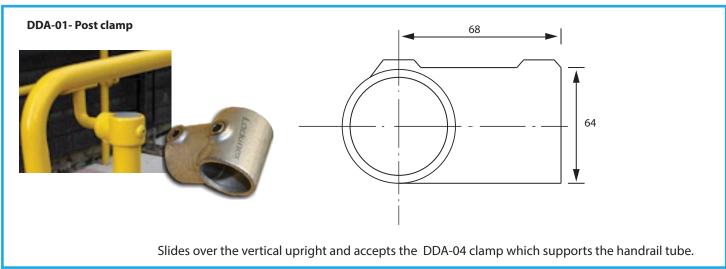


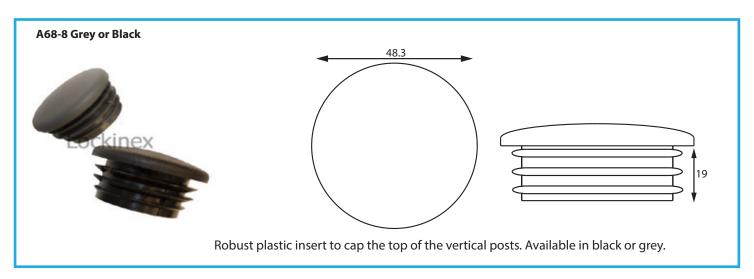
Double Sided Handrail



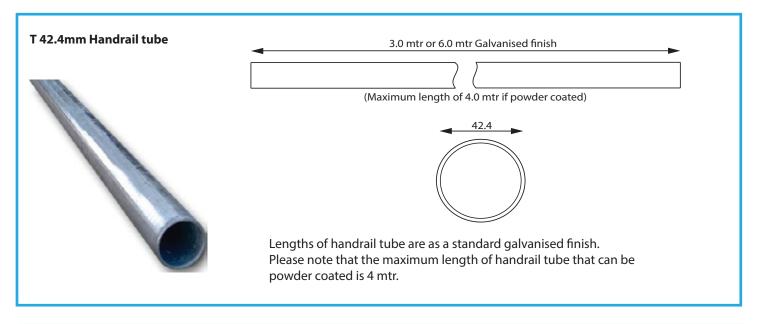
Components for constructing posts.

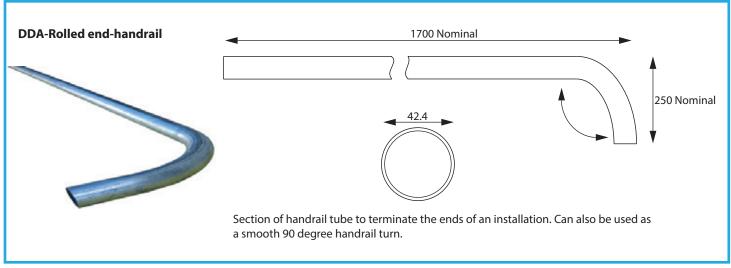


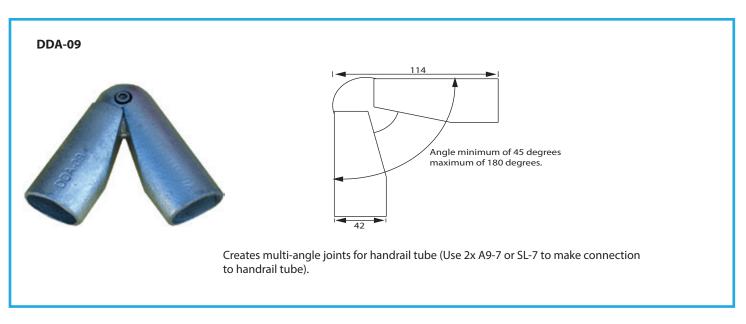




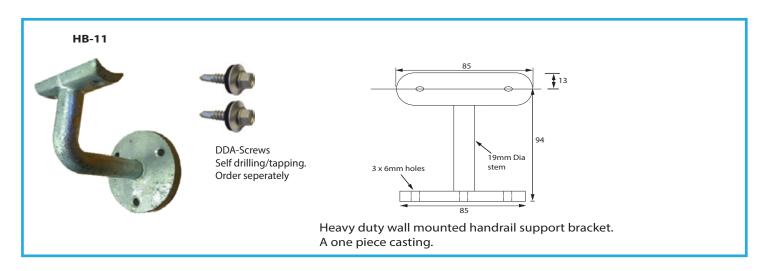
Components for constructing the handrail.

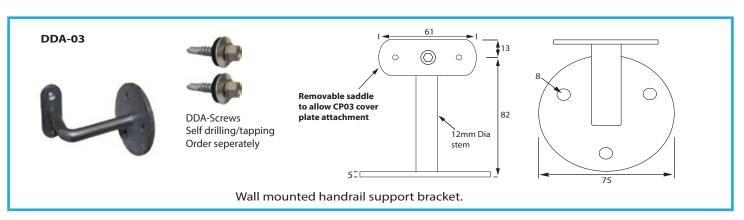


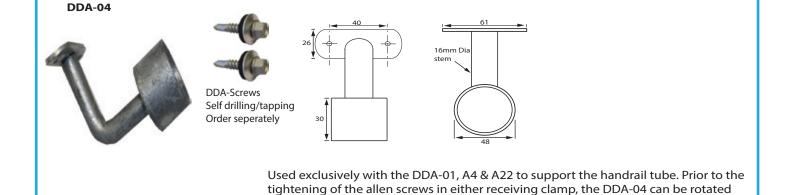


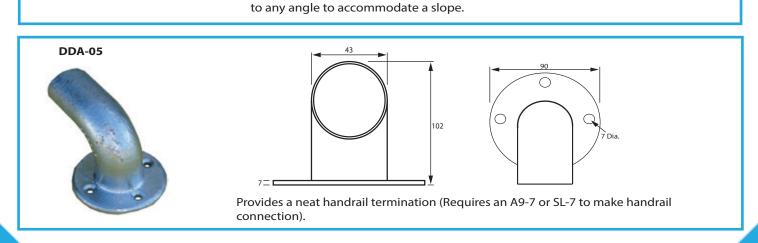


Components for constructing the handrail.

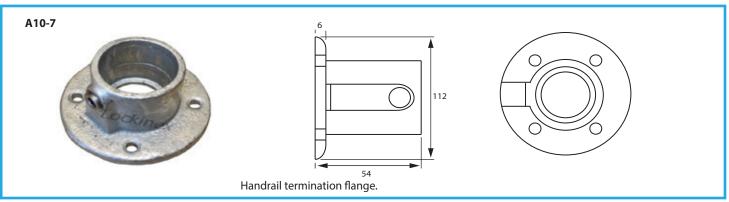


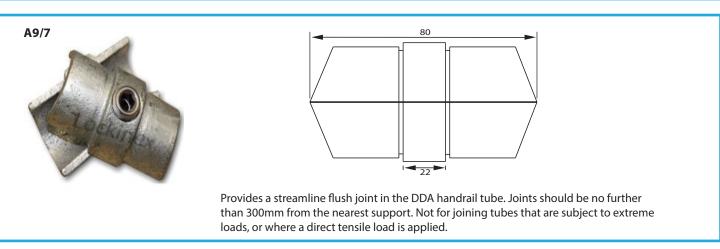


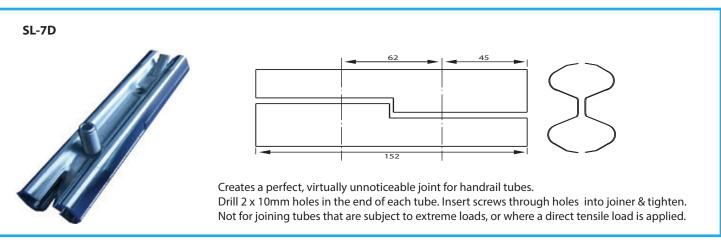


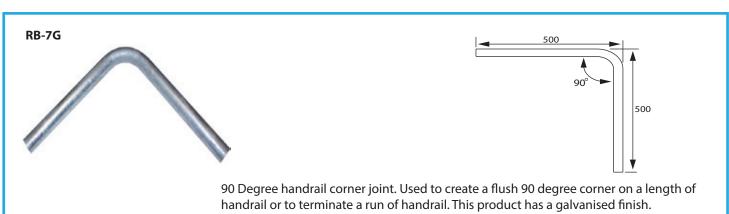


Components for constructing the handrail.



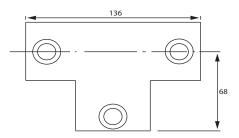






A4-Double top rail support

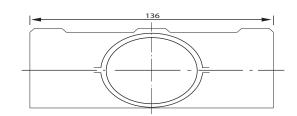




Top T fitting used for double handrail. Accepts DDA-04 to support the handrail tube.

A22-Double lower rail support





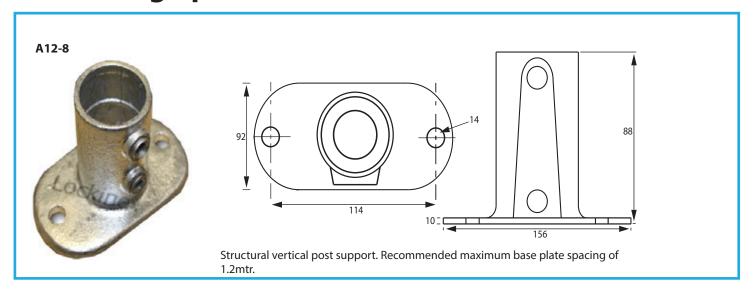
Middle cross fitting for double handrail. Accepts DDA-04 to support the handrail tube.

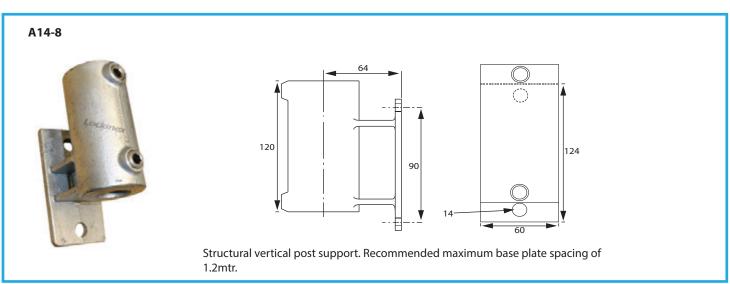


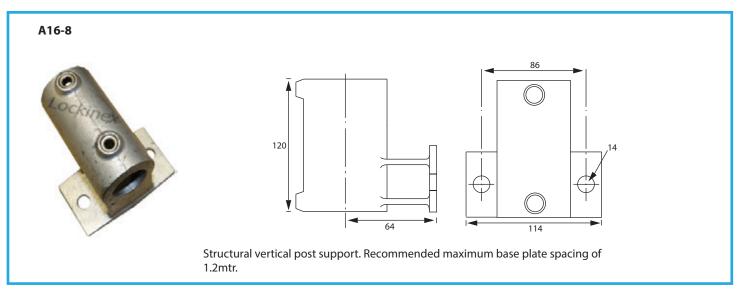


With a guardrail (1100mm high), a DDA handrail (900mm high) can be suspended from the vertical posts. This format complies with regulations for safety guardrails and building regulations for the provision of a handrail system.

Post fixing options

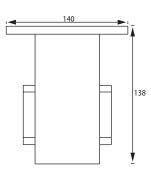






Post fixing options

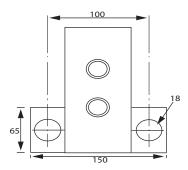
A17/8

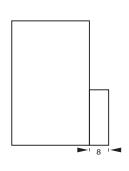


Ground socket that is cast into concrete and is flush with the finished ground level. Post is inserted and retained with a locking screw. Recommended maximum base plate spacing of 1.2mtr.

A16-8FM



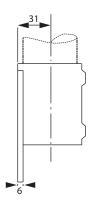


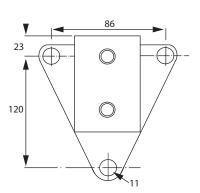


Structural vertical post support. Recommended maximum base plate spacing of 1 2mfr

A15-8







Structural vertical post support. Recommended maximum base plate spacing of 1.2mtr.