



Self Closing Safety Gates & Spring Assemblies



Lockinex
great service, great quality

INTRODUCTION

Lockinex safety gates are supplied direct from stock, in standard formats.

Quick despatch and delivery ensures seamless installation by the engineer or end user. Simple to operate and with specially designed torsion springs on the hinges, they are "self closing".

Ensuring a safe working environment for personnel. these heavy duty robust gates are a reliable resilient product.

APPLICATION

Self closing Safety Gates are commonly in industry such as, processing plants, factories, waste management. Installation in Walkways, access points, staircases, access ladders, ramps and high level walking areas.

DESIGN

Lockinex gates are manufactured from manipulated tubing sections & plate steel.

Fully welded, they are of a one piece construction.

This provides the most robust application for purpose and is proven to be the most successful design for long term durability

Lockinex DO NOT employ any clamps or brackets in the gate chassis/construction.

COMPOSITION, MANUFACTURE

Manufactured from mild steel, with a galvanised finish.

Springs are stainless steel.

Powder coating can be applied to gates if required.

Galvanised & Yellow coated gates are stock items.



1.0mtr wide Self Closing Safety gate with optional mesh kit infill.

Gate-11

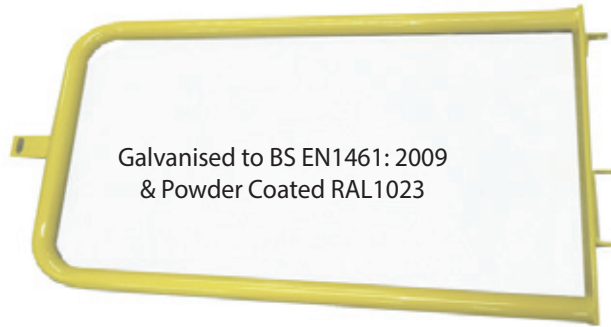
7-42.4mm posts

Gate-13

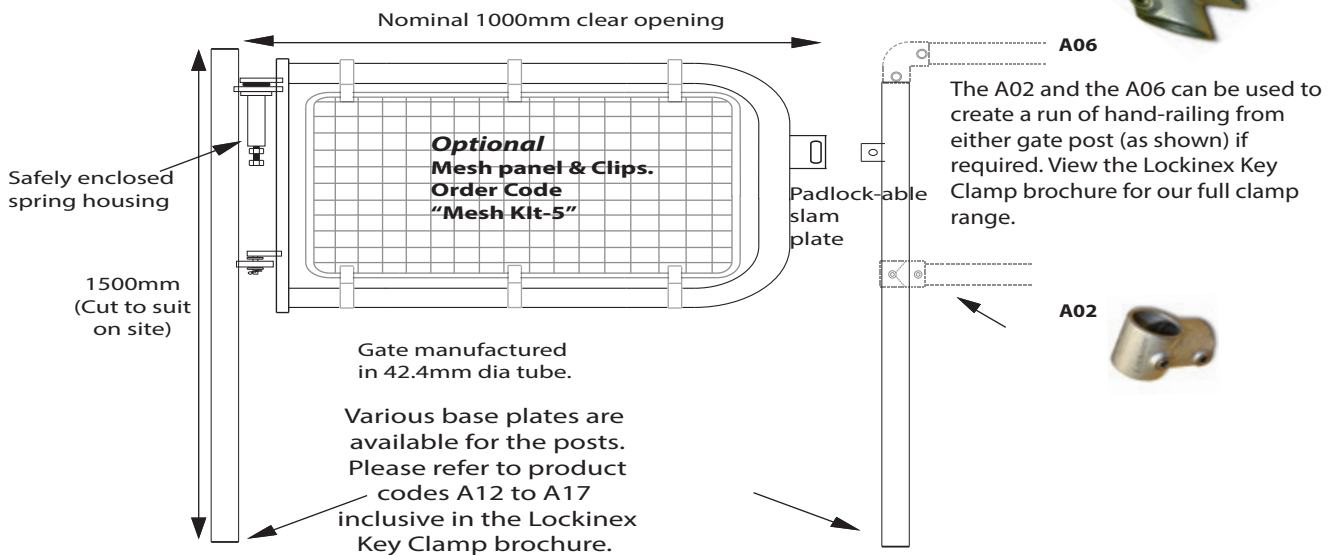
48.3mm posts



Galvanised to BS EN1461: 2009



Galvanised to BS EN1461: 2009 & Powder Coated RAL1023



Incorporating the Lockinex Safety enclosed spring hinge. This Self closing gate comes with a hot dipped galvanised finish as standard. The gate is of a superior, welded construction. Posts are available in 42.4mm dia or 48.3mm dia (Please specify when ordering). Gate functions through a 180 degree arc- maximum. Gate may be cut down to suit required opening and re-joined using the Lockinex gate adjustment kit.

Gate-01

Full Height Gate with-42.4mm dia posts & Integral Toe Board.

Gate-03

Full Height Gate with-48.3mm dia posts & Integral Toe Board.

1.0mtr wide nominal

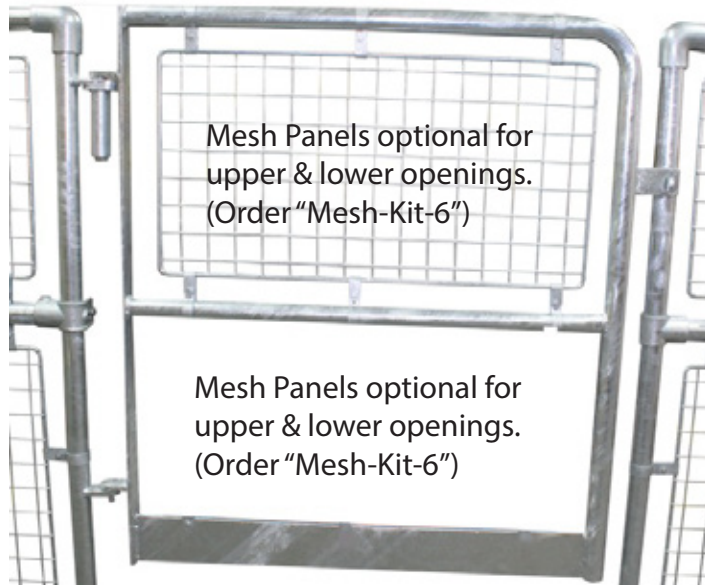
A06



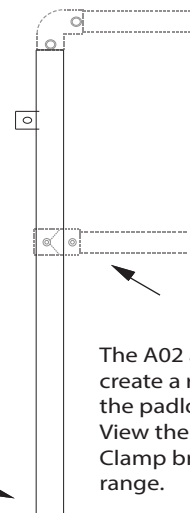
A32



Note!
The A32
Retro Fit T
is required
on the hinged
post when
connecting
a horizontal rail



Various base plates are available for the posts. Please refer to product codes A12 to A17 inclusive in the Lockinex Key Clamp brochure.



A06



A02



The A02 and the A06 can be used to create a run of hand-railing from the padlock eye gate post (as shown). View the Lockinex Key Clamp brochure for our full clamp range.

GLS-Half height gate-galvanised.

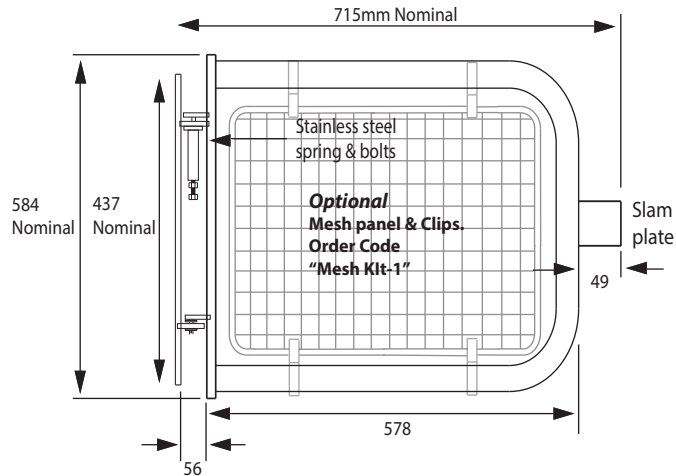
With enclosed safety spring design.



Galvanised to BS EN1461: 2009

If connecting to tube,
use 2 x A36 clamps.
(Specify tube size
when ordering) &
2 x M10 x 40 Bolts & Nuts

A36



Incorporating the Lockinex enclosed safety spring.

This gate is primarily used with our access ladder system. It is affixed at the top of the ladder at the exit point. It can be purchased separately and utilised as a safety gate for other purposes. This gate is self-closing. Perfectly Designed -The gate is of a superior, fully welded construction. Gate functions through 180 degree. Tensioning spring in either a clockwise or anti-clockwise direction to swing gate either way, it can be hung left or right handed. Gate may be cut down to suit required opening and re-joined using the Lockinex gate adjustment kit.

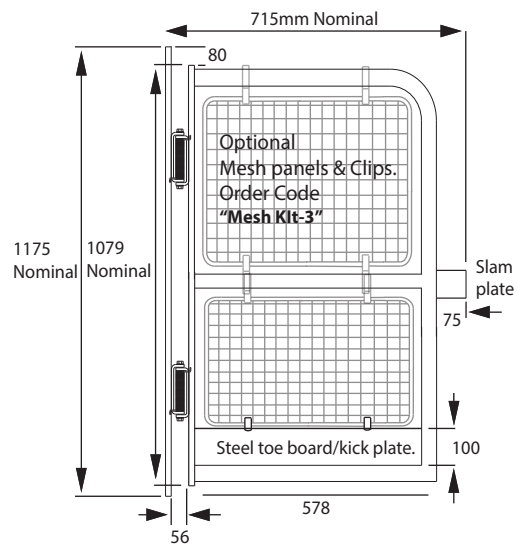
GLS-Full height gate galvanised



Galvanised to BS EN1461: 2009

If connecting to tube,
use 2 x A36 clamps.
(Specify tube size
when ordering) &
2 x M10 Bolts & Nuts

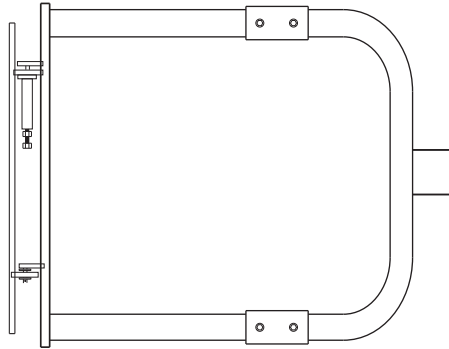
A36



This gate is primarily used with our access ladder system. It is affixed at the top of the ladder at the exit point. It can be purchased separately and utilised as a safety gate for other purposes. This gate is self-closing. Perfectly Designed -The gate is of a superior welded construction. When using this gate you satisfy BS 4592-0:2006+A1:2012. Gate functions through 90 degree.

* Springs may vary in design to illustrations shown.

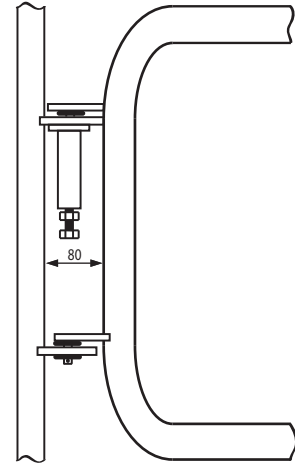
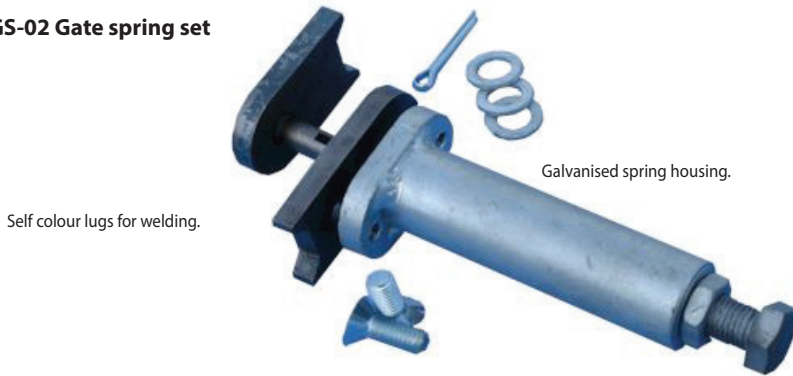
Gate adjustment kit



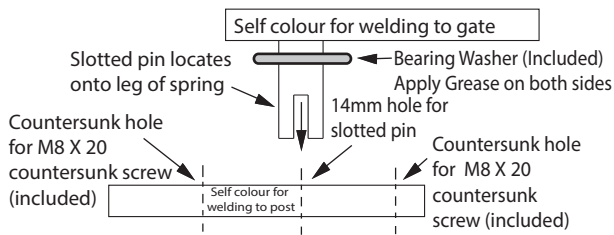
The Lockinex gate adjustment kit consists of 2 x A08-7 Lockinex key clamps which provide a strong joint between the 2 halves of the cut gate. Simply cut the gate vertically to suit the opening dimension required and rejoin using the gate adjustment kit.

Enclosed stainless steel spring set. The main body/housing is galvanised to BS EN1461: 2009. The hinges are self colour ready for welding. The maximum load the spring can hold and still function properly is 10kg. If the load is greater than 10kg, consider using more than 1 spring. Spring functions through 180 degree maximum.

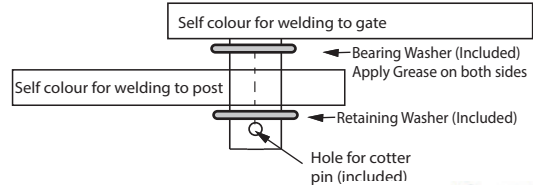
GS-02 Gate spring set



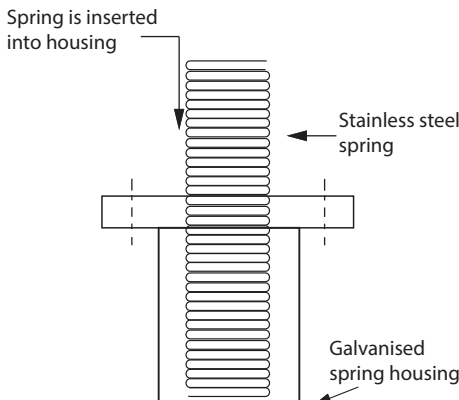
Upper Hinge assembly



Lower Hinge assembly



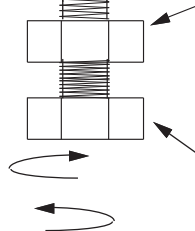
Self colour lugs for welding.



Prior to attachment of the gate, set this locking nut approximately halfway down the length of the bolt. Turn bolt clockwise into the spring housing (aligning the lower spring tang in its slot) until locking nut reaches the spring housing. (This action compresses the spring within the housing.)

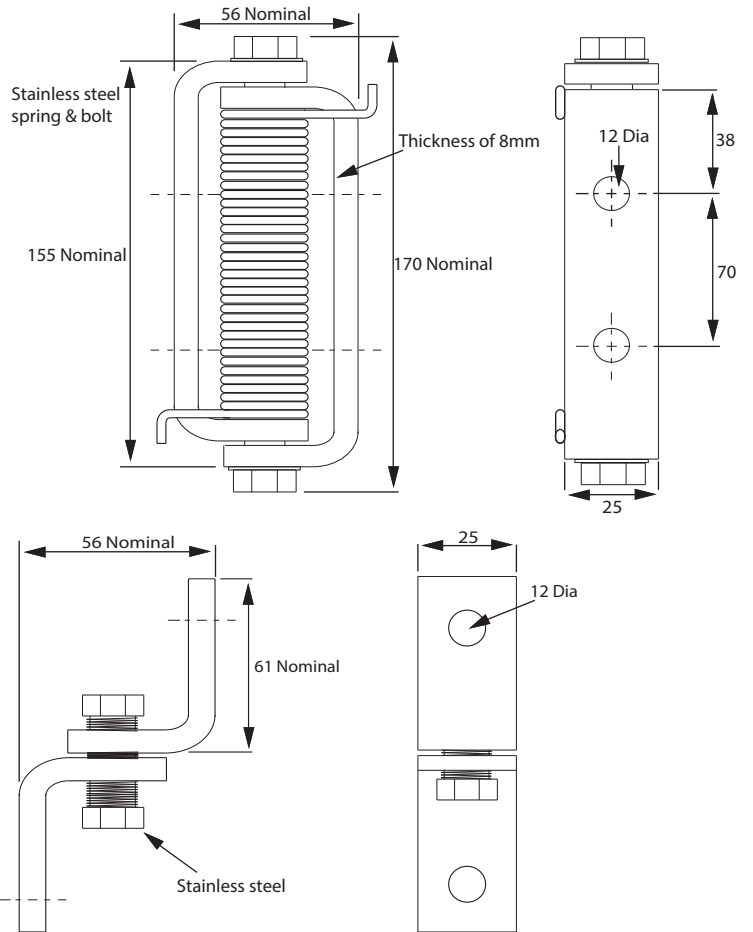


Slotted bolt locates onto leg of spring



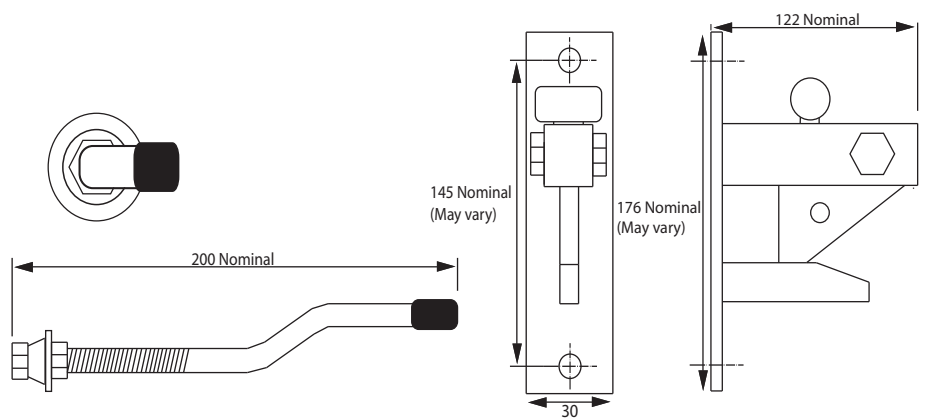
Take the gate and align the top hinge with the upper tang of the spring. (Viewable from the top of the spring housing). Lower the gate into the respective hinge bodies. Set the gate in its CLOSED position between the posts. Turn bolt half turn, to increase spring torsion, in either a clockwise or anti-clockwise direction. This will swing the gate in the direction of choice. The gate can be hung left handed or right handed. Over torsion will damage the internal spring.

**GLS-Gate
spring set
galvanised
or self colour**



Gate spring set. Available with all mild steel components in galvanised or self colour (For welding). The suggested maximum weight of the gate 10kg. Use multiple springs if gate is heavier. Spring functions through 90 degrees max.

**GL01
Galvanised**



Gate latch and striking pin (Note, please state diameter of tube it is being fixed to). 3 x Lockinex A36 clamps are required to fix to the supporting tube. Relevant fixings/screws are also required separately to connect latch to A36's.