

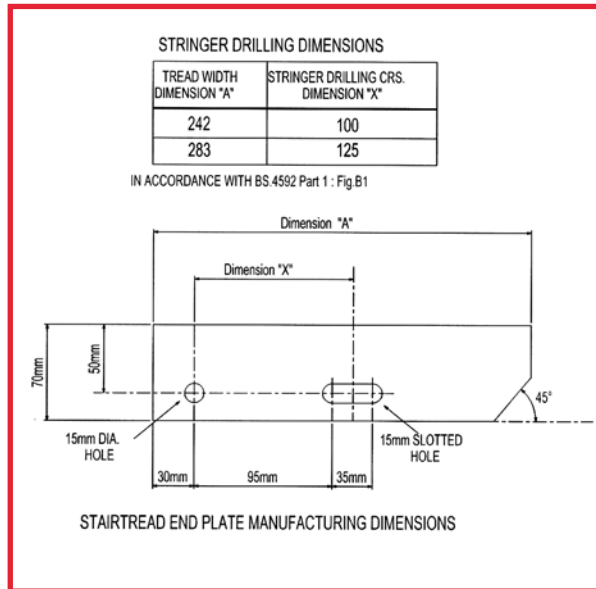
# Stairtread

The tables below give all the necessary details for the most popular stairtreads.

## Stairtreads

41/100	Uniform Load
30 x 30 x 3 Nosing	5kN/M2
Load Bar Size	Maximum Span*
25 x 3	730
25 x 5	1000
30 x 3	1100
30 x 5	1260
35 x 3	1280
35 x 5	1440
40 x 3	1440
40 x 5	1630

\* Based on pedestrian loading

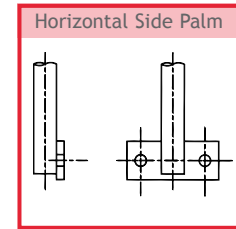
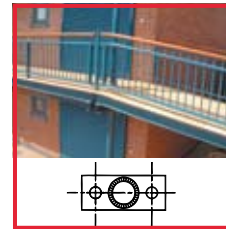


# Handrailing

## Handrailing

Handrailing Maximum Centres of 1100 high standards fixed to Steelwork (two hole flat base) at 550 centres

Item	Size	Material Grade	Loading	
			0.36 kN/m	0.74kN/m
Tubular Std	33.7 o/d x 3.0 thk 25NB	S355	1040	520
Tubular Std	42.4 o/d x 3.0 thk 32NB	S355	1720	860
Tubular Std	48.3 o/d x 3.0 thk 40NB	S355	2000	1280
Tubular Std	48.3 o/d x 5.0 thk 40NB	S355	2000	1820
Solid Std	32 dia solid	S275	1400	700
Solid Std	38 dia solid	S275	1950	1150
Solid Std	45 dia solid	S275	2000	1800



## Handrailing

Handrailing Maximum Centres of 1200 high standards fixed to Steelwork (two hole side palm) at 550 centres

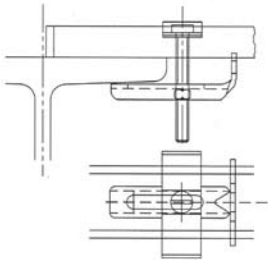
Item	Size	Material Grade	Loading	
			0.36 kN/m	0.74kN/m
Tubular Std	33.7 o/d x 3.0 thk 25NB	S355	820	410
Tubular Std	42.4 o/d x 3.0 thk 32NB	S355	1500	800
Tubular Std	42.4 o/d x 4.0 thk 32NB	S355	1720	860
Tubular Std	48.3 o/d x 3.0 thk 40NB	S355	1840	1030
Tubular Std	48.3 o/d x 5.0 thk 40NB	S355	2000	1600
Solid Std	32 dia solid	S275	1180	600
Solid Std	38 dia solid	S275	1800	1050
Solid Std	45 dia solid	S275	2000	1800

# Accessories

Ridgeway offers a variety of accessories to compliment the flooring and handrailing products offered.

These include

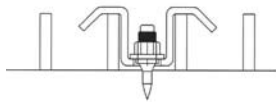
- Flooring clips (Assembled/Unassembled)
- KickKlamp connectors



## Flooring Clips - FD600

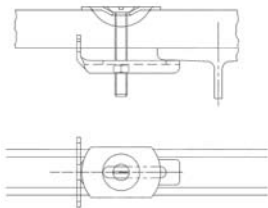
Used to fix down open steel flooring our new universal range is suitable for 30 and 41 pitch flooring and comes standard with a 70mm slotted bolt and hexagon nut.

Other bolts sizes are available on request. Bag and Labelled in 100No for convenience assembled or to suit your requirements unassembled.



## Flooring Clips - Deep Recess Weld Stud

Provides a frictionless fitting and lateral restraint to a floor installation improving safety even when a top clip has been fixed.



## Flooring Clips - FD551

This pressed clip is used for securing flooring with narrow pitch gratings (21mm and 25mm pitch)

**Our sales team will supply all the necessary expertise and components required to complete your project.**

# KickKlamps

These new brackets are our new revolutionary system for fixing Kick Flat and toe board to handrail standards. The basic principal involves gripping the kick plate with steel 'forked fingers' and fixing to the tube upright with a single grub screw.



## Benefits Include

- Retrofit to existing handrail
- Eliminate drawing office detailing
- No drilling required
- Easy installation of kick flat on site
- Simple, flexible and re-usable

KickKlamps are available to suit

- 25mm nominal bore shank (K25)
- 32mm - 40mm nominal bore shanks (K40)

To accompany our KickKlamp brackets we have connectors to help connect kick flat lengths.

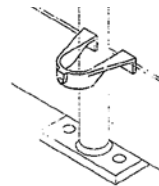
KCB 1 - Internal Connector



KCB 2 - External Connector

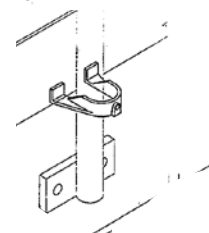


KCB 3 - Straight Connector



## Flat Base Fixing System

- Fix KickKlamps at every standard on top of the Kick flat and clamp down against the base plate
- Use corner brackets and straight connectors as required



## Side Palm Fixing System

- Alternate the KickKlamps, fixing them on top and bottom of the kick flat bars
- On shorter runs or for extra security, use two KickKlamps per standard, one on top and one on the bottom of the kick flat
- Use corner brackets and straight connectors as required

# Ladders

Ridgeway offer a complete solution in various ladder and access requirements.

Benefits include

- User Confidence
- Increased Safety
- Variety
- Installation
- Self Assembly
- Support



## Cat Ladders

When vertical access is required, Ridgeway can offer cat ladders to suit your requirements, offering you:

- Convenience
- Self Assembly
- Simplicity
- Economy
- Speed



## Ships Type Ladders

Wherever possible it is desirable to install sloped ladders rather than vertical, Ridgeway offers a ships ladder used for access requiring a slope of at least 65° up to 75°. Ships type ladders offer a superior means of access over traditional cat ladders owing to the slope allowing easier ascent and descent. Single line handrailing is required both sides of the ships ladder.



# Staircases / Stairtreads



Ridgeway have the facility to fabricate staircases and light structures in mild steel, with a variety of surface finishes. Ridgeway staircases are generally constructed from RSC or flat plate stringers complete with open mesh or solid durbar treads and our tubular or solid handrail systems.

## Stairtreads

Ridgeway's open steel stairtreads are supplied with a variety of different non-slip sighting bars as standard. The normal bar arrangement for stairtreads are the standard flowforge types with 41mm or 30mm pitch, various load bars and various bar arrangements.

Stairtread production with our robot welder has significantly increased our capabilities in stairtreads offering:

- Faster lead times for produced items
- Range of 'off the shelf' stairtread items

To save you money and time on projects

Stockline Stairtreads include the following:

- 41/100 pitch
- 25mm x 5mm load bearing bars
- 800mm or 1000mm length
- 242mm or 283mm width
- Self Colour or Galvanised
- Delivery next day\*

\*Whilst stock lasts

Please turn to page 12 for our stairtread loadings and end plate details.

