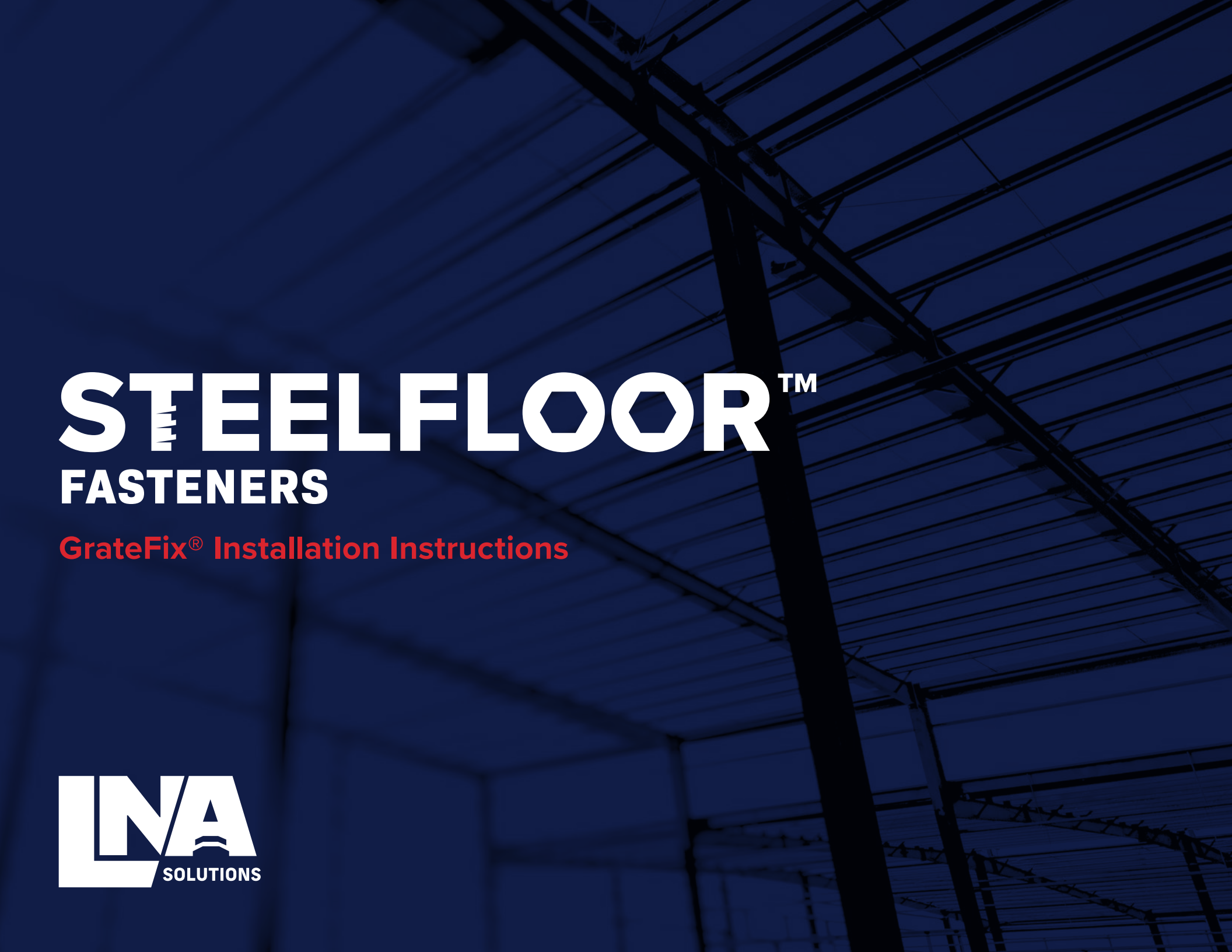

STEELFLOOR™ FASTENERS

GrateFix® Installation Instructions

LNA SOLUTIONS

INSTALLATION INSTRUCTIONS
GRATEFIX® GRATING CLIP CONNECTION SYSTEM

Manufacturer:
LNA Solutions (A Kee Safety Company)
100 Stradtman Street
Buffalo, NY 14203
888-724-2323
LNASolutions.com

SPECIFIC APPLICATIONS

GrateFix is a versatile fastening system designed for securing grating panels to steel sections from the topside only, eliminating the need for on-site drilling or welding. This user-friendly solution proves effective in various environments, including those with aggressive conditions, provided the coating on the GrateFix remains intact. Regular inspections in harsh environments are recommended to detect signs of coating wear, and prompt replacement is advised when necessary.

SAFETY INSTRUCTIONS

- Only use the GrateFix system as described in the installation instructions.
- When choosing a GrateFix, take the following parameters into account (see table 1):
  - **Spacing of load bearing bars of grating.**
  - **Height of load bearing bars of grating.**

CHECKING THE GRATEFIX

Verify each GrateFix consists of the following three parts:

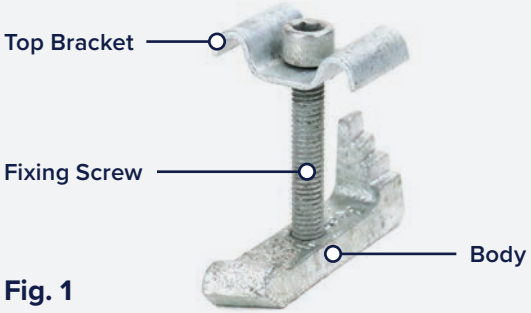

Fig. 1

NUMBER OF GRATEFIX REQUIRED

- 4 GrateFix minimum per grating panel.
- 2 GrateFix minimum per joint between two grating panels.

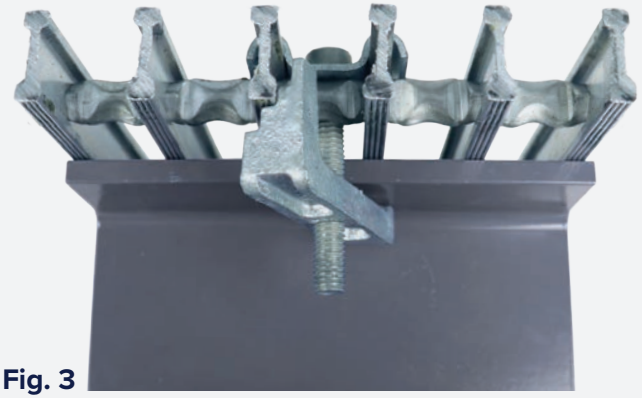

Fig. 3

INSTALLATION INSTRUCTIONS: GRATING PANEL JOINTS

The procedure for assembling two grating panels is as follows:

1. Lay the grating on the steel sections.
2. Insert the GrateFix from above, through the grating.
3. Ensure that the top bracket on the GrateFix grips the two grating panels.
4. Screw the GrateFix firmly in position on the steel connections (Fig. 3).

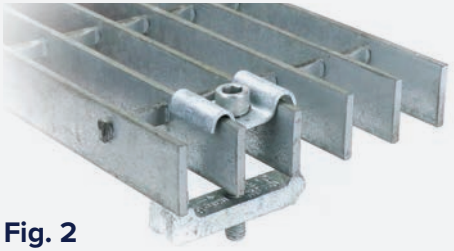

Fig. 2

INSTALLATION INSTRUCTIONS: SINGLE GRATING PANEL (FIG. 4)

The procedure for installing a GrateFix on to steel sections is as follows:

1. Insert the GrateFix through the grating bars (Fig. 2).
2. Slide the GrateFix as close to the edge of the steel as possible.
3. Screw the GrateFix firmly into position on the steel sections (See table 1 for tightening torque recommendations).

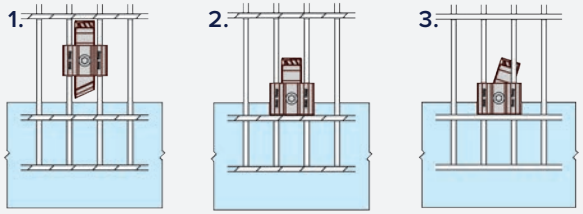

Fig. 4

Table 1

Product Code	Material/Finish	Screw Dia.	Flange Thickness, T	Grating Bar Depth		Grating Bar Width	Grating Bar Spacing	Body Width	Tightening Torque (ft lb)
				Min.	Max.				
GF3S08	304 Stainless Steel	5/16″	1/8 - 3/4″	7/8″	1-1/2″	5/16″ - 3/8″	3/4″ - 1-7/8″	5/8″	4
GF1S08	316 Stainless Steel	5/16″	1/8 - 3/4″	7/8″	1-1/2″	5/16″ - 3/8″	3/4″ - 1-7/8″	5/8″	4
GF1G10	Galvanized Malleable Iron	3/8″	1/8 - 3/4″	3/4″	*2″ minus T	1/8″ - 1/4″	1-3/16″	3/4″	8
GF1G10-75	Galvanized Malleable Iron	3/8″	1/8 - 3/4″	1-5/8″	*2-5/8″ minus T	1/8″ - 1/4″	1-3/16″	3/4″	8
GF1G10-90	Galvanized Malleable Iron	3/8″	1/8 - 3/4″	2-1/8″	*3-1/8″ minus T	1/8″ - 1/4″	1-3/16″	3/4″	8
GF1G10-100	Galvanized Malleable Iron	3/8″	1/8 - 3/4″	2-5/8″	*3-5/8″ minus T	1/8″ - 1/4″	1-3/16″	3/4″	8
GF1G10-110	Galvanized Malleable Iron	3/8″	1/8- 3/4″	3-1/8″	*4-1/4″ minus T	1/8″ - 1/4″	1-3/16″	3/4″	8

*Grating Bar Depth is dependent on thickness of the flange (T)