ISCHEBECK INFORM

TITAN RECO Clamp

A PATENTED FIXING SYSTEM

- Easy installation & efficiency
- Structural advantages
- Safety (no welding)
- Versatile

TITAN RECO Clamps are a tried and tested versatile component that can be used for connecting to most combinations of reinforcement.

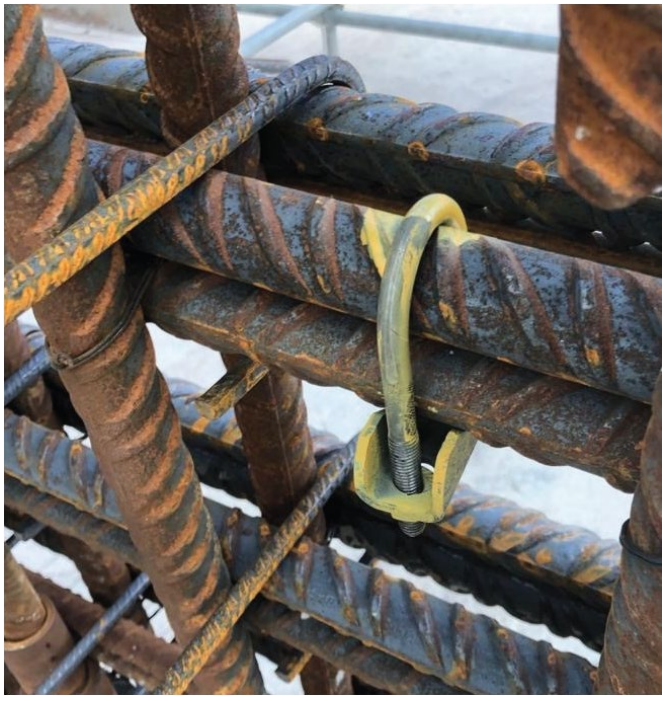
Product Information

TITAN RECO clamps are designed for the connecting and lifting of reinforcement, for the prefabrication of reinforcement cages, and the fixity of steel bar components, on-site.

The clamps are used as an alternative to on-site welding and are compatible with most combinations of reinforcement. The clamps are easy and efficient to install and do not require any specially skilled labour. As no welding is requied to install TITAN RECO clamps, there are no dangerous levels of noise, or exposure to dangerous gases and fumes to consider on-site, reducing the need of high administration levels and health safety certificates.

Key Features

- RECO clamp can be installed in all weather conditions, giving huge program savings.
- No welding required, removing many health and safety risks and associated activities.
- Labour Savings – no regular training costs as less skilled labour can be used i.e. no certified welders.
- Designed for use with the Recostal self-supporting stop end solution for concrete to concrete construction joints, TITAN RECO Clamps are a multi-use solution.
- Reduces health and safety issues - removes the risk of electric shocks, no exposure to radiation, noise and gas as well as removing the need of health and safety certification and qualification checks.

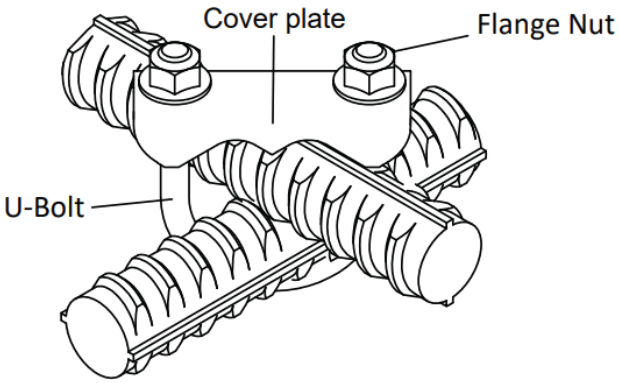


TITAN RECO Clamps

Made up of a cover plate and either a U bolt or full threaded flange screws.

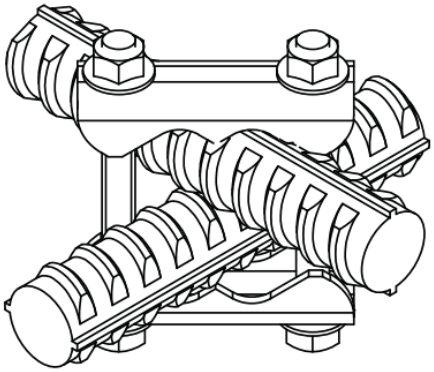
Cross Bar Clamp

The Cross Bar Clamp (CB) is available in a combination of cover plate and U-Bolt sizes. Each combination is suitable for a range of reinforcing bar size combinations. The CB clamp is used to fix two reinforcement bars perpendicular to each other.



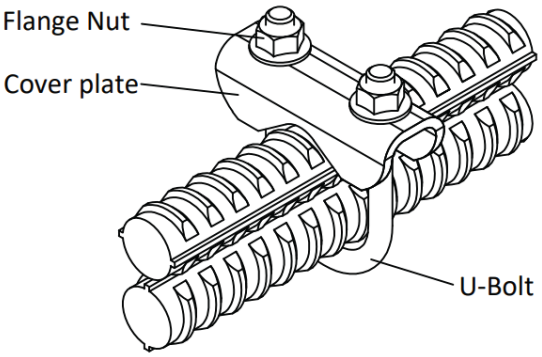
Cross Bar Lifting Clamp

The Cross Bar Lifting Clamp (CBL) is available in a variety of cover plates. Each cover plate is suitable for a range of reinforcing bar size combinations. The CBL clamp is used to connect two reinforcement bars fixed perpendicular to each other, in prefabricated reinforcement cages on-site.



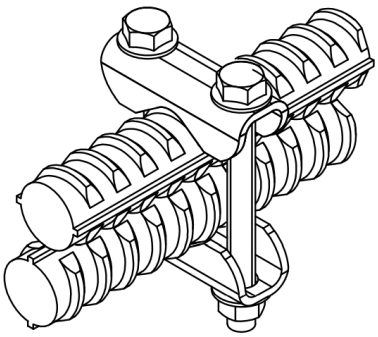
Parallel Bar Clamp

The Parallel Bar Clamp (PB) uses a type N cover plate (other cover plate sizes are available). The PB clamp is used to fix two reinforcement bars parallel to each other.



Parallel Bar Lifting Clamp

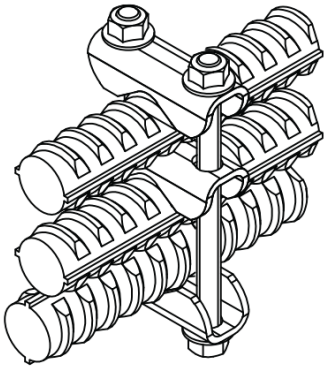
The Parallel Bar Clamp (PBL) uses a type N cover plate (other cover plates sizes are available). The PBL clamp is used to lift two reinforcement bars fixed parallel to each other.



TITAN RECO Clamp

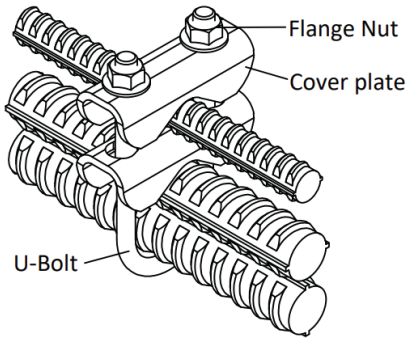
Parallel Bar Three Bar Clamp

The Parallel Bar Three Bar Clamp (PB3) uses a type N cover plate (other cover plates sizes are available). The PB3 clamp is used to fix three reinforcement bars parallel to each other.



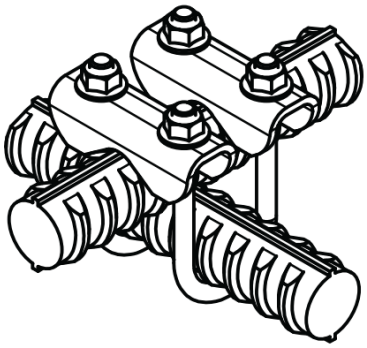
Parallel Bar Three Bar U Bolt Clamp

The Parallel Bar Three Bar U Bolt Clamp (PB3U) uses a type N cover plate (other cover plates sizes are available). The PB3U clamp is used to fix three reinforcement bars parallel to each other.



Double Parallel Bar Clamp

The Double Parallel Bar Clamp (DPB) uses a type N cover plate (other cover plates sizes are available). The DPB clamp is used to fix two reinforcement bars perpendicular to each other (where extra capacity is required).



Standard Components

Standard Cover Plates

Description	Material	Use
Type 0	Steel S275 Plate	Cross Bar (CB, CBL)
Type 1	Steel S275 Plate	Cross Bar (CB, CBL)
Type 2	Steel S275 Plate	Cross Bar (CB, CBL)
Type 0	Steel S275 Plate	Parallel Bar (PB, PBL, PB3, PB3U, DPB)

Standard U-Bolts

Dia x width x depth (thread length)	Material	Use
M10 x 41 x 70 (35mm thread)	Grade 8.8	Cross Bar (CB)/Type 0 cover plate
M12 x 50 x 70 (35mm thread)	Grade 8.8	Cross Bar (CB)/Type 0 cover plate
M10 x 51 x 75 (40mm thread)	Grade 8.8	Cross Bar (CB)/Type 1 cover plate
M10 x 51 x 95 (40mm thread)	Grade 8.8	Cross Bar (CB)/Type 1 cover plate
M12 x 60 x 75 (40mm thread)	Grade 8.8	Cross Bar (CB)/Type 1 cover plate
M12 x 60 x 95 (40mm thread)	Grade 8.8	Cross Bar (CB)/Type 1 cover plate
M10 x 71 x 90 (50mm thread)	Grade 8.8	Cross Bar (CB)/Type 2 cover plate
M10 x 71 x 110 (70mm thread)	Grade 8.8	Cross Bar (CB)/Type 2 cover plate
M12 x 80 x 90 (50mm thread)	Grade 8.8	Cross Bar (CB)/Type 2 cover plate
M12 x 80 x 110 (70mm thread)	Grade 8.8	Cross Bar (CB)/Type 2 cover plate
M10 x 30 x 82.5 (45mm thread)	Grade 8.8	Parallel Bar (PB,PB3,DPB)/Type N cover plate
M12 x 35 x 105 (50mm thread)	Grade 8.8	Parallel Bar (PB,PB3,DPB)/Type N cover plate
M10 x 40 x 100 (45mm thread)	Grade 8.8	Parallel Bar (PB,PB3,DPB)/Type N cover plate
M12 x 45 x 120 (50mm thread)	Grade 8.8	Parallel Bar (PB,PB3,DPB)/Type N cover plate
M10 x 40 x 120 (75mm thread)	Grade 8.8	Parallel Bar (PB,PB3,DPB)/Type N cover plate

Other sizes & bolt combinations are available

Please call our technical team on 01223 862230 to confirm the best clamp type based on site reinforcement layout, sizes and required load capacity.

TITAN RECO Clamp

TITAN RECO Clamp In use

Notes:

The Ischebeck Group

Founded in Germany over 130 years ago, Ischebeck is one of the world's principal manufacturers of formwork and falsework systems. An excellent choice of products are offered, all supported by first class technical support.

In 2006 Ischebeck Inform became part of the Ischebeck TITAN Group, and together we were able to offer a greater choice of solutions to our customer base. Since that time, we have shared our extensive industry knowledge, expertise and collaborated on product development.

Ischebeck Inform Innovations

Ischebeck Inform has a reputation of supplying truly innovate and specialist concreting products. Our team is dedicated to researching, carefully sourcing and testing products and technologies from around the world so we can offer you a range of solutions- from rapid slab construction with K-FORM uPVC Screed Rail to a whole new way of installing construction joints in base slabs and walls with our exclusive RECOSTAL® permanent stopend system. We bring you the most cutting-edge construction solutions that will help change the way you work.

Technical support

Focusing on your particular project requirements, we advise on best product selection and offer on-site support; our team is committed to ensuring that you maximise the benefits of choosing Ischebeck Inform.

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