



EverEst™ advanced technology bearing pads

Any ship equipped with a cargo handling system such as hatch covers requires bearing pads to be used as standard components. As a leading manufacturer of hatch covers, TTS offers the EverEst™ product family which includes four different types of bearing pad. The TTS advanced pad system is tailor-made and has a proven history of durability.



The EverEst product family

Why bearing pads?

Varying forces act at the point of contact between a hatch cover and a ship's hull structure due to sea and weather conditions as well as the cargo's load on the hatch covers. Bearing pads are designed to safely transfer the forces from the hatch cover to the hull while allowing movement between the panel and the coaming caused by the rolling and pitching of a vessel at sea. The pads move on a stainless steel mating plate, while the hatch cover is kept in the required sealing position. The ElasticPad, however, works without mating plates as compensation for the movement is achieved by deflection in the fitting.

TTS has optimised its bearing pad system design to meet all of these requirements.

Location

The pads are installed at those positions where forces must be transmitted from the hatch cover to the coaming.

There are two options for mounting the pads:

- On the coaming with a mating plate on the hatch cover – this option is easier to install and maintain
- On the hatch cover with a mating plate on the coaming – this option renders the coaming free of obstacles.

Four types of pad are available. The most popular standard options are the OptiPad and the ElasticPad. Basic Pads are frequently used too, and the MediPad is available on request.

Please refer to other TTS leaflets for further details on EverEst pads.

Below: Bearing pads fixed to the coaming within a 20' ISO-gap. Advantage: easier maintenance



CHARACTERISTICS

- Long in-service life
- Adjustable in height by use of shim plates
- Easy to install
- Simple to handle and easy change of parts
- Corrosion-proof and dirt-resistant
- Available for all kinds of hatch cover and ship types
- Pad arrangements are tailor made using unified pad sizes, minimising the variety of spare parts



Above: Bearing Pads fixed underneath the hatch cover. Advantage: coaming free of obstacles

