

Instructions for use

Please refer to the previous product chapters in this catalogue for details on the use of specific items. In general, items should be inspected before use to ensure that:

- all markings are legible;
- items are not distorted or unduly worn;
- the pin, nut, cotter pin, or any other locking system cannot vibrate out of position;
- the item is free from nicks, gouges and cracks.

Also:

- never modify, repair or reshape an item by machining, welding, heating or bending, as this may affect the strength;
- make sure to select items with the correct WLL. Please refer to the EN818 standard for chain slings for further details;
- make sure that the master links and the other items of the sling are all made of stainless steel suitable for lifting purposes;
- items should be used for in-line lifting only;
- items may not be heat treated, as this may affect their WLL.

Stainless steel products must be regularly inspected in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by issues such as wear, misuse and overloading, which may lead to deformation and alteration of the material structure. Inspection should take place at least every six months and more frequently when the products are used in severe operating conditions.

Corrosion resistance table for stainless steel AISI 316L

This table offers a general guideline only. The material must always be tested for your specific conditions.

Acetic acid <20%	S
Ammonia (100%)	S
Ammonium chloride <1%	S
Ammonium nitrate 10% - 50%	S
Ammonium sulphate <10%	L
Benzene	S
Calcium hypochlorite (100%)	U
Citric acid <10%	S
Copper sulphate <10%	S
Ethanol	S
Gasoline	S
Hydrochloric acid (all concentrations)	U

Hydrogen cyanide 100%	L
Hydrogen peroxide <35%	S
Hydrogen sulphide 100%	S
Mineral oil	S
Nitric acid <10%	S
Potassium sulphate <10%	S
Sodium chloride <5%	S
Sodium hypochlorite <20%	L
Sodium nitrate 10% - 40%	S
Sodium sulphate <10%	S
Zinc chloride <10%	S
Zinc sulphate <10%	S

Abbreviations used

S = satisfactory, no or very little corrosion

L = limited resistance, exposure time must be limited, some corrosion might occur

U = unsatisfactory, not suitable for use