

Grade 60 - Duplex D6 Stainless Steel

Instructions



Working loads for accessories grade 60

Chain size	Working load limit
6 mm	900 kg
7 mm	1,250 kg
8 mm	1,600 kg
10 mm	2,500 kg
13 mm	4,250 kg
16 mm	6,300 kg

DECLARATION OF INCORPORATION (CE)

(Machinery Directive 2006/42/EEC Annex IIB)

It's stated that all products covered by this statement are manufactured and tested in compliance with the essential requirements to prevent hazards due to lifting operations (Annex I Chapter 4); that the materials are intended to be incorporated in a machine or in a lifting sling; it is forbidden to operate them until the machine into which they are incorporated has not been declared compliant with the provisions of the "Machinery Directive" of reference.

ASSEMBLY INSTRUCTIONS

(Dir. 2006/42/EC s.m.i All. VI)

1. The device is intended to be incorporated on a lifting sling and include a user and maintenance manual with the following: how to use, testing before used, limits and prohibitions.
2. Check correct assembly with chains/accessories in compliance to the dimensions and capacity.
3. The device for the sling has to be assembled and used by adult and qualified staff.
4. Before using each time, make sure that the lifting accessory does not have defects due to wear, corrosion, cracks or visible deformations, the marking are clearly legible, all components are assembled and installed properly.
5. As regards to lifting accessories the devices for slings have to undergo controls at regular intervals and recorded in a specific logbook at yearly intervals at least .

For particularly heavy work we suggest the following regular intervals:

- Six monthly: if accessories are used rarely;
- Quarterly: if accessories are used normally;
- monthly: if accessories are used intensely;

Staff must check that:

- The markings are clearly legible;
- The lifting accessory at the point of contact between the chain hook/connection mesh has not suffered wear higher than 10% compared with the initial measurement
- The hook has not undergone a deformation that has vented out of the safe by the hook and, in any case, has not suffered an opening of the hook mouth higher than 10%.
- The connecting link / shortening clutch weren't subjected to a larger extension than 5% of the original size

If only one of the aforementioned checks does not comply with the parameters shown, the sling is to be considered not suitable and safe for lifting; therefore it must be disposed of and no longer used.

6. In case of strong magnetic fields, before each use, carefully check that the lifting accessory components are assembled correctly and that they have not suffered deformations that would affect their operation and safety; otherwise, the accessory must be replaced.

7. After assembly make sure that:

- the load bearing pivot inserted in the hook fork is locked with the specific elastic pin
- the load bearing pivot inserted in the mesh links are locked correctly by the bylaminated spring.
- The chain is placed correctly in the shortening clutch

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8. The operating load WLL varies depending on the lifting angle and the type of sling on which the device is assembled on.

9. Reasons for capacity reductions

Environment temperature	Reduction
Under - 40°C	Not allowed
From - 40°C to 350°C	None
Above - 350°C	Not allowed

10. Safety coefficient 4

11. The accessory can be used safely until a maximum of 20.000 full weight lifting.

12. If parts of the accessory are replaced only spare parts of the original CARTEC kit which is provided by the manufacturer should be used .

13. Store the accessory in a suitable place (e.g. Dry, not corrosive etc.).

14. Not suitable to be used in acid environments, or highly corrosive with chemical substances, in explosive environments, with a temperature higher than 350°C or lower than - 40°C.

15. Do not exceed operating loads referred to on the reference chart.

16. Do not use for operations which defer from the ones that are foreseen.

17. Not suitable to lift people.

18. Do not use the accessories in corrosive environments such as pickling baths, pools, etc. If it is absolutely necessary to use the accessories in such environments, wash them thoroughly, clean, rinse in running water and thoroughly dry the accessory after use. At the slightest sign of corrosion replace the accessory.

19. If changes, repairs and/or treatments are made to the product, the terms of the guarantee are not longer applicable and the manufacturer declines all liability.

20. It is forbidden the use of lifting accessories without a restraint device preventing sudden and involuntary loss and fall of the load (security tab).

21. Safe use of the foundry hook of shortening clutch XAC it is mandatory for those performing lifting operations using accessories with load retainer to take all necessary measures to ensure the safety of people (i.e. compartmentalisation and safe arrangement of the manoeuvring are, limitation of lift heights, etc.).

DISPOSAL

The product packaging must be sent for normal recycling. The product must be recovered as metal scrap.

Translation of the original instructions drawn up in Italian

