

A Carburizing stainless steel for transmission and structural applications. CX13VD(W)

X12CrNiMoV12-3

A technical brochure dedicated to the CX13VD(W) is now available.

In order to answer the new environmental regulations (Cr and Cd ban) and the necessity to reduce maintenance costs, new stainless steels are a key for success.

A&D has developed a simple carburizing stainless solution : **CX13VD(W)**, a fully stainless steel with high mechanical properties (resistance and ductility).

Thanks to the quality control and the reproducibility of the process, the grade shows high carburizing capabilities.

CX13VD(W) is used in different application fields such as aerospace industry, mechanics and chemicals... Different types of parts have already been produced:

- Ball screws (as Trimmable Horizontal Stabilizer Actuation)
- Gears
- Bearings
- Fuel injectors etc

This grade offers the following advantages:

- Fully stainless
- Simple martensitic solution
- High strength
- High ductility
- High tempering temperature (up to 300°C)
- Easy carburizing process



Ball screw (THSA) for the A380

You will find, attached, a .pdf version of the brochure, for your own use only.

Customers'copies can be ordered at the following e-mail address documentation-ad@eramet-aubertduval.com.

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