Castolin OTW 24NM

Description

Castolin OTW 24NM is a, hard, stainless steel alloy, specially designed to protect non-mag drill collars, drill pipes and related components on the bottom hole assembly in drilling industry.

The wear life as welded will show about 3,5-5 times longer than the non-mag base material alloy, and for increased wear life in open hole environments may be dramatically increased by injection of tungsten carbide pellets into the alloy.

The alloy is formulated to be tough, corrosion resistant with low magnetic permeability, less than 1.01. This alloy has been tested & approved according to industry standards.

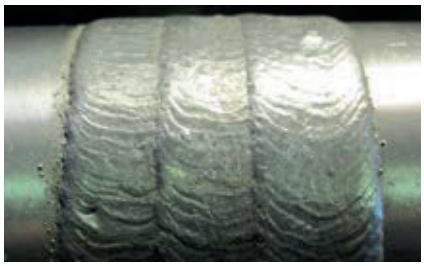
In field gradient measurements the results is lower than 0.03Ut as welded.

Applications

Specifically developed for new or worn non-magnetic hardbanding of wear bands applied on Non-magnetic drill collars and related drilling components. Designed to be applied on chromium-manganese, austenitic stainless steels and nitrogen bearing austenitic stainless steels. Commonly known base materials such as; P530, AG17, 1515LC NMS-100 and others.

Technical data

Hardness, as welded:	40-44 HRC
Work hardened:	46-48 HRC



Castolin OTW 43ST / 43ST-OA

Description

Proprietary alloy wire specifically developed for rebuilding of drilling pipe tool-joints. The alloy has been designed to completely replace the any missing materials on a tool joint surface, especially when the properties must be maintained equal to tool joint material, AISI 4137, heated and quenched to a hardness of about 30 – 36 HRC

Technical data

Hardness:	30-36 HRC

Applications

The OTW 43St is specifically developed for rebuilding worn Hardbanding drill pipe tool-joints". Where the target is replacing the missing surface with the same mechanical properties of new tool-joint materials.