

HAMAX AMERICA, INC.

The large sized elongated special rolled thread

1. Endless challenging for cost reduction by VA/VE
2. HAMAX core technology, "No break", "No rusting", "No loose"
3. HAMAX Persuasion skills

Overview of Product / Technology

<Product Function>

High efficiency gas engine; main stud bolts / nuts

(achieved 30% cost reduction of material by super sized rolling technology)

Shipbuilding diesel engine; main stud bolts / nuts

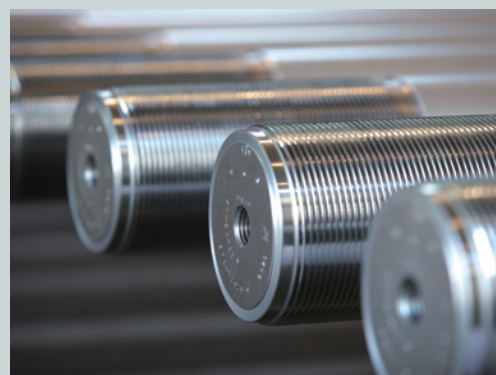
(achieved 30% cost reduction by large sized robotic automated technologies with elongated turning machine. Max 1,000mm length)

On shore wind turbine; bolts and nuts for nacelle/ blade and tower

(achieved 20% cost reduction by robotic automation system)

High efficiency gas turbine; rotor bolts

(established a rolling technology for up to 3 inch bar material in inconel 718 alloy by super sized rolling technology.)



Detailed Information on Product / Technology

<Product Function>

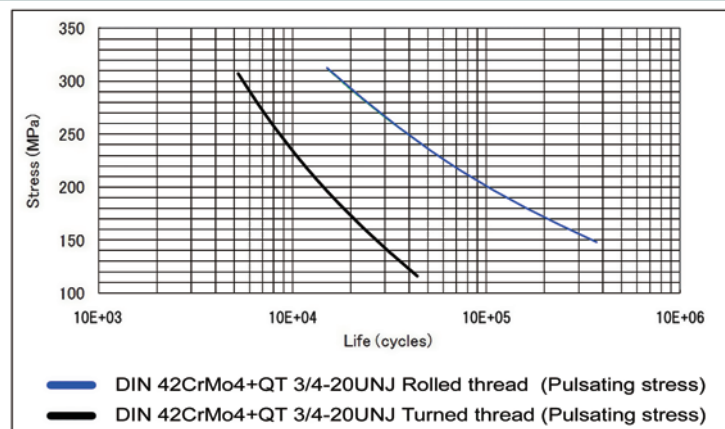
● HAMAX Persuasion skills

HAMAX targets on being a company outputting our technologies to the world and improving R&D group. We have challenged the thread rolling process for such a high strength material there is a commonly-held view it is difficult to be processed and accomplish the all challenges so far.

Evaluating products from the various points of view provide us with our understanding the material characteristic according to the material differences.

Optimal process condition has been reflected to our production, based on the results of our various examinations and long-lived high tension bolts are realized.

Please refer the following charts compared fatigue strength of machined and rolled thread for your fastener evaluation;



Fatigue Test : DIN 42CrMo4+QT (JIS G 4052 SCM440 QT)

Company Overview

<Business Summary, Overview>

HAMAX pursue the technology for connecting in the future of affluent society and contribute to a high-efficiency and power saving technologies requisite for renewable energy fields.

Hamax has also been studied "how we can satisfy customers in the market" and we conclude it is providing customers with high quality fasteners with reasonable prices as one of the integrant part.

Hamax believes our cultivated technologies contribute all customers to their cost reduction, security and special specification certainly.

<Achievements in Japanese Market>

Diesel engine for shipbuilding: 80% share in Japanese market.

<Overseas Expansion>

Hamax is expanding sales / manufacturing bases not only 6 locations in Japan also in USA, China and also try to build up a close sales / manufacturing net work all over the world due to deal with customer needs in global business.

Contact

HAMAX AMERICA, INC.

URL: <http://www.hama-x.co.jp>

Contact Person: Takuya Hamada E-mail: takuya.hamada@hama-x.co.jp

Address: 660 Baker Street Suite 405-S Costa Mesa, California 92626