

WOODEX

HYDRO TURBINE BEARINGS

Woodex manufactures a complete line of wet-running thrust and guide bearings in a variety of materials for hydroelectric turbines.

While longtime industry-standard *lignum vitae* can still be furnished, Woodex's oil-impregnated maple material provides an alternative which offers long service life. This material's high lubricant load permits it to survive the high temperatures of turbine overspeed conditions without excessive wear.

In addition to Woodex impregnated maple and *lignum vitae*, high-performance synthetic materials are also available, headed up by Mecos4000, a bearing-grade, filled polyetheretherketone (PEEK) with outstanding wet-running wear properties.

A leader in wood bearing fabrication for 100 years, Woodex has the design savvy and manufacturing expertise to serve your most demanding bearing needs.

Proudly manufactured in the U.S.A. by

WOODEX BEARING COMPANY, INC.

216 Bay Point Road, Georgetown ME 04548 USA
Toll-free 1 800 526 8800 in North America
+1 207 371 2210 worldwide Fax: +1 207 371 2169
<http://www.woodex-meco.com/>
email: sales@woodexbearing.com



Woodex® oil-impregnated maple thrust bearing for Pelton wheel.



WOODEX

HYDRO TURBINE BEARINGS

Segmented wood guide bearings can be fabricated as a bolt-up assembly, as shown at left, or as a glue-laminate, as shown below.

Bolt-up assemblies can use either stainless steel or synthetic threaded rod and hexnuts, to limit the possibility of metal-to-metal contact.

Glue laminations are assembled with a high-performance, waterproof resorcinol glue for long-term reliability.



Woodex hydro bearings are custom designed to best suit your application.

Our design team uses your original equipment drawings, existing bearings, measured dimensions and your shaft speed and load information to produce reliable yet economical bearings, tailor-made for your machinery.



Proudly manufactured in the U.S.A. by

WOODEX BEARING COMPANY, INC.

216 Bay Point Road, Georgetown ME 04548 USA
Toll-free 1 800 526 8800 in North America
+1 207 371 2210 worldwide Fax: +1 207 371 2169
<http://www.woodex-meco.com/>
email: sales@woodexbearing.com

