

REFERENCE INFORMATION

The following books offer varied insights into bamboo rod making. Since my Bamboo Hand Mill is a new concept in milling bamboo strips none of the books address its use or procedures. My instructions take the place of using the traditional planing forms and hand planes along with their unique properties. However, the basics of building rods are the same regardless of the method of cutting the strips.

Wise Fisherman's Encyclopedia

Out of print but often available in used book stores. A great source of information from a previous era. Several interesting articles by Lew Stoner, one of the founders of the R. L. Winston Rod Company.

Fisherman's Encyclopedia

By A. J. McLane

Edited by one of the great outdoor writers of our time. Out of print but available from used book dealers or used bookstores

A Master's Guide to Building a Bamboo Fly Rod

Everett Garrison with Hoagy B. Carmichael

Out of print but available from used book dealers or used bookstores. The original book is very difficult to find but it has been reprinted. This book is credited with starting many rodmakers on their path and is recognized as the Bible of amateur rodmaking.

The Lovely Reed

Jack Howell

A newly published book written in an easy to understand style. A good introduction to building bamboo fly rods. A current source of materials and suppliers for rod building. This book is also out of print.

Fundamentals of Building a Bamboo Fly-Rod

George E. Maurer and Bernard P. Elser

A recently published how-to book written from the experience of a beginning rodmaker learning the craft. It is clearly written with very specific details concerning the building of a bamboo rod. A very good book for beginners.

Constructing Cane Rods

Secrets of the Bamboo Fly Rod

Ray Gould

One of the new books written by a very knowledgeable rodmaker who has been building rods for many years. The book is ring bound for easy use.

Hand Mill List Server

I continue to host the Hand Mill list server. This is a forum for Hand Mill owners who have purchased either a new or used Hand Mill. By joining you can post or receive messages relating to Hand Mill questions or bamboo rodmaking from other owners. The list is private in that nobody but myself knows who the members are and outside parties cannot access member's email addresses in order to send them advertisements or use the list for other purposes. The list will not be sold and I will not authorize it to be used by others. I feel that it is important to protect the privacy of individual users.

You can join the Morgan Hand Mill list by contacting me via email and I will send you the instructions. I encourage all owners to join the list server so you can easily communicate with other users.

Tom Morgan's email: rodsmiths@imt.net or tommorganrodsmiths@gmail.com

If you have any questions about its operation I would be happy to answer them.

I am listing some interesting web sites for those of you who have computers. The first two web sites have a considerable number of rod tapers including quite a few quad and pentas. The RodDNA program is a free one that you can register for on that site and it also shows Hand Mill station settings for the various tapers.

<http://www.RodDNA.com>

<http://www.bamboorodmaking.com/>

<http://www.overmywaders.com/articles.html>

Hand Mill Price Sheet

Morgan Hand Mill: (includes: mill, aluminum mounting angle, bed assembly, butt & tip anvils, manual, ten carbide cutters, dial indicator, dial indicator holder/shaving tool, accessories, and your choice of a 6-, 5-, or 4- strip cutter.) \$2595

8-, 6-, 5-, or 4-strip cutters: \$125

Flat cutter head: \$100

Butt or tip anvils: \$50

Set of cutter blades (2): \$20

Hollow Fluting Cutter Attachment w/1 roller: \$395

76 degree or 94 degree roller for fluting attachment: \$20 each

Magic Star Cutter Attachment: \$225

Set of carbide inserts (2): \$14

Long shoe for 5-strip or 4-strip rod: \$18

Extension bed: \$125

Aluminum measuring Device (combination 6-,5-,4-strip): \$40

Packaging of Hand Mill: \$50

Shipping cost: UPS dependent upon distance

Prices current 2011.

Tom Morgan Rodsmiths
21505 Norris Road
Manhattan, Montana 59741
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Fax: (406) 282-7167
Email: rodsmiths@imt.net
Web page: <http://www.troutrods.com/>

Prices and specifications subject to change without notification.

Regular carbide cutter inserts may be ordered independently from different manufacturers. The carbide insert designation is TPGW-321. This information tells that it is a turning insert, the size, the tolerance, the shape of the hole, and that it doesn't have a chip breaker. This insert has an inscribed circle that is 3/8" and the tip radius is .015". The carbide grade is C2.

Starting July 2011, I have changed the carbide inserts to a new style that is a substantial improvement over the previous ones I provided. They are made of C5 carbide instead of the C2 I had been providing so they are harder and last considerably longer. They have a relief angle of 15% rather than the current 11% so the edge is inherently sharper which makes for a little easier cutting. The relief edge is coated with TIN which is one reason they last longer. Also the top is super polished so the cutting edge is cleaner and smoother which is one of the reasons they are sharper. These inserts are flat on top and are highly polished or diamond lapped. They are also not honed on the edges.

Revised July 2011