

BOOKS FOR BULLET SWAGERS

Learn about bullet swaging, the fast accurate process that gives you total control over bullet design and production! The combined knowledge of generations of master die-makers has been collected in the Corbin Swaging Library -- seven volumes of easy-to-read, fact-filled information. More than 840 pages of authoritative work, with charts, photos, data, drawings, and technical reports, in a special package to save you money!

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The Corbin Swaging Library includes these books:

The BULLET SWAGE MANUAL, T.Smith
The CORBIN TECHNICAL BULLETINS, Vol. I
The CORBIN TECHNICAL BULLETINS, Vol. II
The CORBIN TECHNICAL BULLETINS, Vol. III
POWER SWAGING, D. Corbin
RE-DISCOVER SWAGING, D. Corbin
The CORBIN HANDBOOK & CATALOG of BULLET SWAGING

Order catalog number BP-7

The BULLET SWAGE MANUAL, T. Smith, 1976, 45 pgs.

This book is one of the earliest works on bullet swaging, written by a pioneer in the field. Many of the illustrations are of early Corbin swaging tools. The book is intended as a primer for beginners, but belongs in any complete library of swaging as a historical work.

Catalog number BSM

The CORBIN TECHNICAL BULLETINS, Volume I 1977, 66 pgs.

The first collection of Corbin technical papers, this book contains a detailed section of definitions, specific questions and answers about swaging technique, comparisons of cost, speed and accuracy between casting and swaging, and answers to the most commonly asked questions about bullet swaging. Rimfire jacket-making, hollow

and cup points, designs for deep penetration, and other similar subjects are covered.

Catalog number TB-1

The CORBIN TECHNICAL BULLETINS, Volume II 1980, 102 pgs.

This book gives a detailed chapter by chapter discussion of specific calibers and how to make bullets for them. Included are obsolete, foreign, current centerfire rifle and handgun calibers, in fifteen chapters. In addition, there is an experimental .375 design with loading data, chamber dimensions, and test results. A wealth of information about the history of swaging is included.

Catalog number TB-2

The CORBIN TECHNICAL BULLETINS, Volume III 1983, 106 pgs.

Experimental work with custom bullets, the rise of the survivalist movements, and concerns about the future supplies of bullets in the US and abroad brought a flood of technical articles addressing these subjects. Original papers and translations from trade journals are included. Bonding and heat treatment of jackets, manufacture of copper tubing bullets, and hunting bullets are covered in detail.

Catalog number TB-3

POWER SWAGING, D. Corbin 1984, 195 pgs.

Also known as Corbin Technical Bulletins, Volume IV, this is the bible of commercial bullet making. It is filled with data on pressures, forces, and die strength, calculations, charts, computer programs, and photos. Hundreds of dollars worth of dies were destroyed to test the limits of the formulae, and photos of these are included as well.

The book serves as an operator's guide for the Hydro-press, although it also covers several earlier models of air and hydraulic

power presses that are no longer manufactured. Two very valuable chapters deal with organization of a custom bullet business, and with the numbers involved in production volume. Marketing, promotion, feasibility studies, and selection of a product line are written so they can be understood by a beginner, yet interesting enough to attract experienced engineers.

Catalog number TB-4

RE-DISCOVER SWAGING, D. Corbin 1983, 244 pgs.

This is the standard textbook of swaging. The washable morroco cover is gold-embossed. It is used by law enforcement agencies and schools around the world, in public and private libraries from Brussels to Perth, read by the Royal Canadian Mounted Police and by the students at gunsmithing schools. You'll find detailed, accurate information arranged in twenty-two chapters, covering everything from lubricant to lead, pressure to press design, history of swaging (including original letters from Biehler and Astles, Fred Huntington, and Capt. G.L. Wotkyns at critical points during the 1940 to 1960 period) and just about anything else you might care to know about swaging. If you only want one book, make it this one.

Catalog number RDS

The WORLD DIRECTORY of CUSTOM BULLET MAKERS

Data has been collected from all over the world for a decade on bullet markets, and the people who are active in the custom bullet field. If you are looking for a certain caliber -- modern, obsolete, wildcat, foreign, or experimental -- this is the sourcebook for people who can make it! Articles of interest to experimenters, purchasing agents, engineers, and ballisticians as well as those who might wish to enter the custom bullet field as suppliers are included.

Editors, writers, and publishers of firearms journals around the world have a copy of this book for reference. Buyers in government and industry, defense agencies and law enforcement operations, game control commissions, ballistic labs, and applied science libraries can turn to the sources listed to find out who makes what.

Corbin customers who are selling bullets commercially are invited to write for a free listing in the book's next edition.

Advertising space is periodically available to qualified firms. Agencies dealing with firearms-related suppliers should check out the tremendous market exposure this book gives.

Catalog Number WD-1

The CORBIN HANDBOOK and CATALOG of BULLET SWAGING, No. 7

You are reading a copy now! If you would like additional copies for friends, order directly from Corbin. This is the seventh edition: it is not the seventh book of the collection, or the seventh year, since Corbin has been in business much longer than that. We publish a new edition whenever the information becomes outmoded and continued editions of the same book begin to lose their relevance to newer ideas.

Catalog number HB-7

OTHER LITERATURE...

The BASICS of BULLET SWAGING

This is a color brochure, 6-pages, telling what swaging is and what you can do with it. Single copies are available postpaid for \$1 (to cover postage and handling). Write for quantity prices to clubs and schools.

The Corbin HYDRO-PRESS brochure

A color folder describing the powerful CHP-1 Hydro-press.
Single copies are \$1 (for postage and handling) -- no additional charge
if ordered with other literature. Write for quantity prices to clubs
and schools.

The Corbin IMMEDIATE DELIVERY LIST

This is a list of dies available for immediate delivery.
Since Corbin dies are all hand-made products, individually diamond lapped
and fitted, there can be a considerable backlog on certain calibers
from time to time. The Immediate Delivery List tells what is on the
shelf right now. It changes from month to month, and is not a guarantee
but only a temporary listing. If you see something you want,
call immediately and use your VISA/MASTER-CHARGE card to have it
shipped right away. (Sorry - no holding for future payment! Demand is
just too high to tie up products in this manner.)
This list is free for the asking, when ordered with
other literature or products. Included with most shipments is also
our current price list, any specials we may have on supplies or
products, announcements of new books or computer software, etc.

CORBIN COMPUTER SOFTWARE

Now you can design bullets quickly, easily, with Corbin's DC-
1001 Bullet Design program. All you need to know is the weight and style
of bullet you want to make -- the program asks these simple questions,
and then calculates the ballistic coefficient, form factor,
average density, stable twist rate, core and jacket volumes, core weight,
over-all length, length of ogive and length of shank, and a number of
other parameters of importance to makers of commercial bullets.

If you don't know what to answer, the program supplies a
standard default value. You can just hit the "enter" key, and run
the

calculation automatically with all default values if you wish, to see how it works. You need absolutely NO math background, NO experience in bullet design or ballistics. Automatic tables appear on the screen for each question that requires some special knowledge, and the program checks your input to see if it is reasonable. If not, it gives you another chance to input a value, or just hit return and let the program supply a value.

There is no way you can "mess up" this program. And best of all, when you have designed the bullet (which takes perhaps two seconds), those values can be printed out, and/or automatically used in a second program that is part of the first one: kinetic parameters. You can "fire" the bullet at any velocity within reason, see what kind of energy density, muzzle energy, momentum, and other values the bullet would have. And, you can change one or more parameters and try it again to see the effect, all within seconds. The program keeps all the values you put in last, and uses them until you change them. If you turn off the program, it resets to standard default values so you can't "get lost" or forget important standard values.

The DC-1001 program is currently available on 5-1/4" floppy disk for IBM-PC/XT or /AT computers. The program is completely self-contained in executable machine code for the 8088 processor, and runs at either 4.77 mhz or at accelerated clock rates. Either color or B&W monitors will work. All display is in the text mode. The disk is NOT copy protected and can be loaded onto your hard disk drive.

Don't confuse DC-1001 with ordinary external ballistics programs: it is not merely an electronic table of values, but a powerful calculus-based tool for design of bullets. It is not the same as a program that gives you drop and remaining energy for an existing bullet, but a way to create new bullets of your own design. You can input various densities of core and jacket material, and find out what effect aluminum, tungsten, brass, or plastic might have on the bullet

paramters. You can even select the target material density and
find out what spin rate would stabilize the bullet in space, in air,
under water, or in any other media. DC-1001 is a one-of-a-kind program
for the bullet maker. (To run the program, simply type "Bullets").

Catalog Number DC-1001

