Casting Handbook By John Campbell

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Backyard Foundry for Home Machinists - B. Terry Aspin 2015-05-01
The process of casting metal in a sand mold, a craft which has been practiced for centuries, is actually very simple. Most towns of any size once had a small foundry to perform small-scale casting jobs. Today's home shop machinist must either adapt commercially available castings, or send away to a specialist foundry at considerable expense and delay. The alternative is to make your own custom patterns and castings, which is much easier and rewarding than you may think. This handy book will show you how. Backyard Foundry for Home Machinists is essential reading for anyone interested in getting started in foundry or casting work. It provides a wealth of useful information on materials and techniques, pattern-making, molding boxes, cores and core-boxes, and melting metals. Locomotive cylinders and wheels are covered in depth for model engineers. The book also offers a design for building an outdoor solid-fuel furnace, suitable for small-scale commercial work. Each stage and subject is covered in detail so that even beginners can undertake casting with confidence.
Castings Practice - John Campbell 2004-04-16
Each chapter of Professor Cambell's new book Castings Practice will take a look at one of his 10 rules. It is to be expected that the Rules wil one day be taken as an outline or blueprint for an international specification on the methods for making reliable castings. John Cambell has over two decades of experience in the casting industry and is the author of over 40 technical papers and patents. He has become well-known in the foundry industry as the originator of the Cosworth casting process, which is becoming accepted throughout the world as a new production process for the casting of cylinder heads and blocks. He is now Federal Mogul Professor of Casting Technology at the University of Birmingham. * Must-follow rules of castings, from one of the world's leading experts * Companion volume to the renowned book 'Castings' * Accessible and direct, provides essential information for students of metallurgy and foundry professionals alike
Foundry Technology - Peter R. Beeley 1972

Fundamentals of Aluminium Metallurgy - Roger Lumley 2010-11-25
Aluminium is an important metal in manufacturing, due to its versatile properties and the many applications of both the processed metal and its alloys in different industries. Fundamentals of aluminium metallurgy provides a comprehensive overview of the production, properties and processing of aluminium, and its applications in manufacturing industries. Part one discusses different methods of producing and casting aluminium, covering areas such as casting of alloys, quality issues and specific production methods such as high-pressure diecasting. The metallurgical properties of aluminium and its alloys are reviewed in Part

two, with chapters on such topics as hardening, precipitation processes and solute partitioning and clustering, as well as properties such as fracture resistance. Finally, Part three includes chapters on joining, laser sintering and other methods of processing aluminium, and its applications in particular areas of industry such as aerospace. With its distinguished editor and team of expert contributors, Fundamentals of aluminium metallurgy is a standard reference for researchers in metallurgy, as well as all those involved in the manufacture and use of aluminium products. Provides a comprehensive overview of the production, properties and processing of aluminium, and its applications in manufacturing industries Considers many issues of central importance in aluminium production and utilization considering quality issues and design for fatigue growth resistance Metallurgical properties of aluminium and its alloys are further explored with particular reference to work hardening and applications of industrial alloys

Straw Dogs - John Gray 2016-03-29

The British bestseller Straw Dogs is an exciting, radical work of philosophy, which sets out to challenge our most cherished assumptions about what it means to be human. From Plato to Christianity, from the Enlightenment to Nietzsche and Marx, the Western tradition has been based on arrogant and erroneous beliefs about human beings and their place in the world. Philosophies such as liberalism and Marxism think of humankind as a species whose destiny is to transcend natural limits and conquer the Earth. John Gray argues that this belief in human difference is a dangerous illusion and explores how the world and human life look once humanism has been finally abandoned. The result is an exhilarating, sometimes disturbing book that leads the reader to question our deepest-held beliefs. Will Self, in the New Statesman, called Straw Dogs his book of the year: "I read it once, I read it twice and took notes . . . I thought it that good." "Nothing will get you thinking as much as this brilliant book" (Sunday Telegraph).

Excavation & Grading Handbook - Nick Capachi 1987

It includes hundreds of tips, pictures, diagrams and tables that every excavation contractor and supervisor can use This revised edition explains how to handle all types of excavation, grading, paving, pipeline and compaction jobs -- whether it's a highway, subdivision, commercial, or trenching job. This edition has been completely rewritten to cover new materials, equipment and techniques.It includes hundreds of tips, pictures, diagrams and tables.

Islands of Space - John W. Jr. Campbell 2019-11-19

"Islands of Space" by John W. Jr. Campbell. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten−or yet undiscovered gems−of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

Science and Engineering of Casting Solidification - Doru Michael Stefanescu 2015-08-27

The 3rd edition of this popular textbook covers current topics in all areas of casting solidification. Partial differential equations and numerical analysis are used extensively throughout the text, with numerous calculation examples, to help the reader in achieving a working knowledge of computational solidification modeling. The features of this new edition include: • new chapters on semi-solid and metal matrix composites solidification • a significantly extended treatment of multiscale modeling of solidification and its applications to commercial alloys • a survey of new topics such as solidification of multicomponent alloys and molecular dynamic modeling • new theories, including a theory on oxide bi-films in the treatment of shrinkage problems • an in-depth treatment of the theoretical aspects of the solidification of the most important commercial alloys including steel, cast iron, aluminum-silicon eutectics, and superalloys • updated tables of material constants.

On the Move! - Michael Teitelbaum 2009-01-06

Rita, Dan, Max and Ted are on the move in Trucktown! Kids will have hands-on fun with a movable part on each spread! Swing Wrecker Rosie's wrecking ball, spin Monster Truck Max's wheel, dump gravel from Dump

Truck Dan's bed, and move Tow Truck Ted's hook up and down as he saves a good friend!

The Jaguar Smile - Salman Rushdie 2014-12

The Complete Handbook of Sand Casting - C. W. Ammen 1979-03-22
Describes the sand foundry, the characteristics of molding sand, the types of mold and pattern making equipment, and the various sand casting procedures for forming metals

Handbook of the New Library of Congress - 1901

Unshakeable - John Eckhardt 2015
Satan's master plan to destroy the human race is his attempt to distort, hinder, or disintegrate our personalities and make us come unhinged from the course that God has charted for our lives. We all know people, including ourselves, who sometimes act in polar opposites. The minister who is godly, prayerful, and holy at times, yet has a period of sin and perversion. The person who is outgoing and cheerful, yet falls into bouts of withdrawal and depression. The person who is gentle and kind, yet has periods of outburst and rage. Win the battle for your mind. Unshakeable is a teaching unlike any other on breaking the most binding, demonic force: double-mindedness. Through this powerful teaching you can develop a firm Christlike identity that will not be easily shaken by this world. You will overcome the manifestations of double-mindedness in: Broken marriages and divorce Indecision and passivity False ministers, unstable leaders/preachers Materialism, unquenchable desire for more Schizophrenia And much more!

The Freedmen's Book - Lydia Maria Child 1866
SpanPublished in 1865 and edited by abolitionist L. Maria Child, The Freedmens Book was intended to be used to teach recently freed African Americans to read and to provide them with inspiration. Thirsting for education, Freedmen were eagerly enrolling in any schools that would accept them. Child saw a need for texts and provided one of collected stories and poems written by former slaves and noted abolitionists, herself included./span

A Book for a Rainy Day - John Thomas Smith 1905

High Integrity Die Casting Processes - Edward J. Vinarcik 2002-10-16
"It's about time that a practicing engineer with casting and academic experience has written a book that provides answers to questions about squeeze casting and semi-solid molding/forming that many engineers and students of casting need answered." —Joseph C. Benedyk, PhD, Consultant and retired technical director, Alcoa High Integrity Die Casting Processes provides a comprehensive look at the concepts behind advanced die casting technologies, including vacuum die casting, squeeze casting, and several variants of semi-solid metalworking. Practical applications for these processes are illustrated in numerous case studies. This single-source reference tool presents the latest material in five sections: Basic concepts of die casting and molten metal flow High integrity die casting processes with case studies Product design considerations Controlling quality and avoiding defects Future advances under development Key coverage includes a survey of liquid metal flow, strategies to overcome the limitations of conventional die casting, and potential defects unique to high integrity die casting processes. Also featured are methods for minimizing porosity, reducing cost by design, practical applied statistical process control techniques, designing for manufacturability, and containment methods for potential processing defects. Several chapters present detailed real-world examples illustrating the broad range of applications possible using high integrity die casting processes. Included with this book is a CD-ROM containing PowerPoint(r) presentations for each chapter. These presentations can be used for training purposes in conjunction with numerous study questions designed to practically apply the content of the book to real-world situations. Selected PowerPoint(r) slides can be used to support engineering proposals, marketing presentations, or customer education seminars. High Integrity Die Casting Processes is a valuable reference for both component producers and component users alike. Process engineers, tool designers, manufacturing engineers, production managers, and machine operators will acquire a better

understanding of these advanced die casting processes to optimize manufacturing and improve product quality. Component designers, product engineers, purchasing agents, buyers, supplier quality engineers, and project managers will gain insight into these processes and develop superior products by design.

Subsystem and Transaction Monitoring and Tuning with DB2 11 for z/OS - Paolo Bruni 2015-07-29

This IBM® Redbooks® publication discusses in detail the facilities of DB2® for z/OS®, which allow complete monitoring of a DB2 environment. It focuses on the use of the DB2 instrumentation facility component (IFC) to provide monitoring of DB2 data and events and includes suggestions for related tuning. We discuss the collection of statistics for the verification of performance of the various components of the DB2 system and accounting for tracking the behavior of the applications. We have intentionally omitted considerations for query optimization; they are worth a separate document. Use this book to activate the right traces to help you monitor the performance of your DB2 system and to tune the various aspects of subsystem and application performance.

Shape Casting - Murat Tiryakioğlu 2016-12-01

This collection presents papers on the science, engineering, and technology of shape castings, with contributions from researchers worldwide. Among the topics that are addressed are structure-property-performance relationships, modeling of casting processes, and the effect of casting defects on the mechanical properties of cast alloys.

The Philosophy Book - DK 2015-03-02

What existed before the Universe was created? Where does self-worth come from? Do the ends always justify the means? The Philosophy Book answers the most profound questions we all have. It is your visual guide to the fundamental nature of existence, society, and how we think. Discover what it means to be free, whether science can predict the future, or how language shapes our thoughts. Learn about the world's greatest philosophers, from Plato and Confucius to modern thinkers such as Chomsky and Derrida and follow charts and timelines that graphically show the progression of ideas and logic. Written in plain English, with concise explanations of branches of philosophy such as metaphysics and ethics, it untangles complicated theories and makes sense of abstract concepts. It is an ideal reference whether you're a student or a general reader, with simple explanations of big ideas, including the four noble truths, the soul, class struggle, moral purpose, and good and evil. If you're curious about the deeper questions in life, The Philosophy Book is both an invaluable reference and illuminating read.

Complete Casting Handbook - John Campbell 2011-07-20

Complete Casting Handbook is the result of a long-awaited update, consolidation and expansion of expert John Campbell’s market-leading casting books into one essential resource for metallurgists and foundry professionals who design, specify or manufacture metal castings. The first single-volume guide to cover modern principles and processes in such breadth and depth whilst retaining a clear, practical focus, it includes: A logical, two-part structure, breaking the contents down into casting metallurgy and casting manufacture Established, must-have information, such as Campbell’s ‘10 Rules’ for successful casting manufacture New chapters on filling system design, melting, molding, and controlled solidification techniques, plus extended coverage of a new approach to casting metallurgy Providing in-depth casting knowledge and process know-how, from the noteworthy career of an industry-leading authority, Complete Casting Handbook delivers the expert advice needed to help you make successful and profitable castings. Long-awaited update, consolidation and expansion of expert John Campbell’s market-leading casting books into one essential handbook Separated into two parts, casting metallurgy and casting manufacture, with extended coverage of casting alloys and new chapters on filling system design, melting, moulding and controlled solidification techniques to compliment the renowned Campbell ‘10 Rules’ Delivers the expert advice that engineers need to make successful and profitable casting decisions

Handbook for Academic Authors - Beth Luey 2010

This fifth edition has been revised to reflect the impact of digital technology on authorship and publishing.

Advances in the Science and Engineering of Casting Solidification - Laurentiu Nastac 2015-02-18
The book contains the proceedings of the honorary symposium “Advances in the Science and Engineering of Casting Solidification” (TMS2015, Orlando, Florida, March 15-19, 2015) held in honor of Professor Doru Michael Stefanescu, Emeritus Professor, Ohio State University and the University of Alabama, USA. The book encompasses the following four areas: (1) Solidification processing: theoretical and experimental investigations of solidification processes including castings solidification, directional solidification of alloys, electromagnetic stirring, ultrasonic cavitation, mechanical vibration, active cooling and heating, powder bed-electron beam melting additive manufacturing, etc. for processing of metals, polymers and composite materials; (2) Microstructure Evolution: theoretical and experimental studies related to microstructure evolution of materials including prediction of solidification-related defects and particle pushing/engulfment aspects; (3) Novel Casting and Molding Processes: modeling and experimental aspects including high pressure die casting, permanent casting, centrifugal casting, low pressure casting, 3D silica sand mold printing, etc.; and (4) Cast Iron: all aspects related to cast iron characterization, computational and analytical modeling, and processing.
Gas Turbine Engineering Handbook - Meherwan P. Boyce 2017-09-01
The Gas Turbine Engineering Handbook has been the standard for engineers involved in the design, selection, and operation of gas turbines. This revision includes new case histories, the latest techniques, and new designs to comply with recently passed legislation. By keeping the book up to date with new, emerging topics, Boyce ensures that this book will remain the standard and most widely used book in this field. The new Third Edition of the Gas Turbine Engineering Hand Book updates the book to cover the new generation of Advanced gas Turbines. It examines the benefit and some of the major problems that have been encountered by these new turbines. The book keeps abreast of the environmental changes and the industries answer to these new regulations. A new chapter on case histories has been added to enable the engineer in the field to keep abreast of problems that are being encountered and the solutions that have resulted in solving them. Comprehensive treatment of Gas Turbines from Design to Operation and Maintenance. In depth treatment of Compressors with emphasis on surge, rotating stall, and choke; Combustors with emphasis on Dry Low NOx Combustors; and Turbines with emphasis on Metallurgy and new cooling schemes. An excellent introductory book for the student and field engineers A special maintenance section dealing with the advanced gas turbines, and special diagnostic charts have been provided that will enable the reader to troubleshoot problems he encounters in the field The third edition consists of many Case Histories of Gas Turbine problems. This should enable the field engineer to avoid some of these same generic problems
The Christian Hymn Book - Alexander Campbell 1866

Complete Casting Handbook - John Campbell 2015-09-15
Campbell's Complete Casting Handbook: Metal Casting Processes, Techniques and Design, Second Edition provides an update to the first single-volume guide to cover modern principles and processes in such breadth and depth, while also retaining a clear, practical focus. The work has a unique viewpoint, interpreting the behavior of castings, and metals as a whole, in terms of their biofilm content, the largely invisible casting defects which control much of the structure and behavior of metals. This new edition includes new findings, many from John Campbell's own research, on crack initiation, contact pouring, vortex gates, and the Cosworth Process. Delivers the expert advice that engineers need to make successful and profitable casting decisions Ideal reference for those interested in solidification, vortex gates, nucleation, biofilm, remelting, and molding Follows a logical, two-part structure that covers both casting metallurgy and casting manufacture Contains established, must-have information, such as Campbell's '10 Rules' for successful casting manufacture Includes numerous updates and revisions based on recent breakthroughs in the industry
Steel Castings Handbook, 6th Edition - Malcolm Blair 1995

Physical Metallurgy of Direct Chill Casting of Aluminum Alloys - Dmitry G. Eskin 2008-04-17

Pulling together information previously scattered throughout numerous research articles into one detailed resource, Physical Metallurgy of Direct Chill Casting of Aluminum Alloys connects the fundamentals of structure formation during solidification with the practically observed structure and defect patterns in billets and ingots. The author examines the formation of a structure, properties, and defects in the as-cast material in tight correlation to the physical phenomena involved in the solidification and the process parameters. The book draws on the author's advanced research to provide a unique application of physical metallurgy to direct chill (DC) casting technology. He examines structure and defect formation— including macrosegregation and hot tearing. Each technology-centered chapter provides historical background before reviewing current developments. The author supports his conclusions with computer simulation results that have been correlated with highly progressive experimental data. He presents a logical system of structure and defect formation based on the specific features of the DC casting process. He also demonstrates that the seemingly controversial results reported in literature are, in fact, caused by the different ratio of the same mechanisms. Compiling recent results and data, the book discusses the fundamentals of solidification together with metallurgical and technological aspects of DC casting. It gives new insight and perspective into DC casting research.

The Mechanisms of Metallurgical Failure - John Campbell 2020-05-21

Metallurgy of Fracture: The Mechanics of Metal Failure looks at the origin of metal defects, their related mechanisms of failure, and the modification of casting procedures to eliminate these defects, clearly connecting the strength and durability of metals with their fabrication process. The book starts with a focus on the fracture of liquids, looking at topics such as homogeneous and heterogeneous nucleation, entrainment processes in bifilms and bubbles, furling and unfurling, ingot casting, continuous casting, and more. From there it discusses fracture of liquid and solid state, focusing on topics such as externally and internally initiated tearing. The book then concludes with a section discussing fracture of solid metals covering concepts such as ductility and brittleness, dislocation mechanisms, the relationship between the microstructure and properties of metals, corrosion, hydrogen embrittlement, and more. Improved approaches to fabrication and casting processes that will help eliminate these defects are provided throughout. Looks at how the fracture of metals originates in the liquid-state due to poor casting practices Offers improved casting techniques to reduce liquid-state borne fracture Draws attention to the parallels between fracture initiation in the liquid and solid states Covers spall tests and how to improve material quality by hot isostatic pressing

It's Complicated - Danah Boyd 2014-02-25

Surveys the online social habits of American teens and analyzes the role technology and social media plays in their lives, examining common misconceptions about such topics as identity, privacy, danger, and bullying.

Principles of Metal Casting, Third Edition - Mahi Sahoo 2014-06-05

The definitive metal casting resource--fully updated Written by prominent industry experts, Principles of Metal Casting, Third Edition, addresses the latest advances in the field such as melting, casting processes, sand systems, alloy development, heat treatment, and processing technologies. New chapters cover solidification modeling, casting defects, and zinc and zinc alloys. Detailed photographs, illustrations, tables, and equations are included throughout. Ideal for students and researchers in metallurgy and foundry science as well as foundry industry professionals, this authoritative guide provides all of the information needed to produce premium-quality castings. Comprehensive coverage includes: Patterns Casting processes Solidification of metals and alloys Gating and risering of castings Casting process simulation Aluminum and aluminum alloys Copper and copper alloys Magnesium and magnesium alloys Zinc and zinc alloys Cast irons Steel castings Cleaning and inspection Casting defects

Castings - John Campbell 2003-04-28

This is the key publication for professionals and students in the

metallurgy and foundry field. Fully revised and expanded, Castings Second Edition covers the latest developments in the understanding of the role of the liquid metal in controlling the properties of cast materials, and indeed, of all metallic materials that have started in the cast form. Practising foundry engineers, designers, and students will find the revealing insights into the behaviour of castings essential in developing their inderstanding and practice. John Campbell OBE is a leading international figure in the castings industry, with over four decades of experience. He is the originator of the Cosworth Casting Process, the pre-eminent production process for automobile cylinder heads and blocks. He is also co-inventor of both the Baxi Casting Process (now owned by Alcoa) developed in the UK, and the newly emerging Alotech Casting Process in the USA. He is Professor of Casting Technology at the University of Birmingham, UK. New edition of this internationally respected reference and textbook for engineers and students Develops understanding of the concepts and practice of casting operations Castings' is the key work on castings technology and process metallurgy, and an essential resource on contemporary developments and thinking on the new metallurgy of cast alloys Revised and updated throughout, with new material on subjects including surface turbulence, the new theory of entrainment defects including folded film defects, plus the latest concepts of alloy theory

Casting defects handbook : Aluminium and Aluminium alloys - David V. Neff 2011

Build a Two Cylinder Stirling Cycle Engine - David J. Gingery 2016-10-20
Instructions for building a Two Cylinder Stirling Cycle Engine.

Shape Casting - Murat Tiryakioğlu 2019
This book contains a collection of papers on the science, engineering, and technology of shape casting, with contributions from researchers worldwide. Among the topics that are addressed are the structure-property-performance relationships, modeling of casting processes, and the effect of casting defects on the mechanical properties of cast alloys.

Mini Casting Handbook - JOHN. CAMPBELL 2017

The Knitting Book - Vikki Haffenden 2019-09-10
Everything you need to teach yourself how to knit, from casting on to creating your own designs. This new edition of DK's knitting bible takes you from beginner to expert, with hundreds of step-by-step techniques, more than 120 stitch patterns for a variety of knitting stitches, and 20 knitting projects suitable for all abilities. Fully illustrated and easy to use, The Knitting Book is a one-stop resource for beginners and a rich source of inspiration for avid knitters who want to progress their skills and try new stitch patterns. Each technique is shown in clear photographic steps and explained with helpful annotations and arrows, from basic casting on to intricate Fair Isle and cable patterns. A photographic stitch gallery showcases over 120 different stitches to inspire you - try your hand at everything from garter stitch to intarsia, or customize projects with your own stitch choices. This updated edition features 10 brand-new project patterns, including an arm knitting pattern, as well as 10 projects from the original edition that have been reimagined with new yarns and fresh colors. Simple, clear, and comprehensive, The Knitting Book is the only book you need to progress your skills and create your own beautiful, unique pieces.

Light Alloys - I. J. Polmear 1982

Casting Processes and Modelling of Metallic Materials - Zak Abdallah 2021-02-24
This book, Casting Processes and Modelling of Metallic Materials, explores the various casting and modelling activities related to metallic alloy systems. The book provides results of research work conducted by experts from all over the globe to add to the research community in the era of the casting process and modelling. The book was edited by two experts in the field of materials science and modelling, Dr. Abdallah and Dr. Aldoumani, whom both have several publications in peer-reviewed journals, worldwide conferences, and scientific books. The book introduces the casting processes and then discusses the various issues and possible solutions. Over the past years, various models have been proposed and utilized to predict the performance of castings. Some of

these models proved to be accurate whereas others failed to predict the casting performance. The strength of any predictive tool depends on the employment of physically meaningful parameters that replicate the real-life conditions. This has been illustrated in the current book with such predictive models and finite element (FE) modelling to illustrate the behaviour of castings in real-life conditions.

Redshirts - John Scalzi 2012-06-05

Ensign Andrew Dahl has just been assigned to the Universal Union Capital Ship Intrepid, flagship of the Universal Union since the year 2456. It's a prestige posting, and Andrew is thrilled all the more to be assigned to the ship's Xenobiology laboratory. Life couldn't be better...until Andrew begins to pick up on the fact that (1) every Away Mission involves some kind of lethal confrontation with alien forces, (2) the ship's captain, its chief science officer, and the handsome Lieutenant Kerensky always survive these confrontations, and (3) at least one low-ranked crew member is, sadly, always killed. Not surprisingly, a great deal of energy below decks is expendedon avoiding, at all costs, being assigned to an Away Mission. Then Andrew stumbles on information that completely transforms his and his colleagues' understanding of what the starship Intrepid really is...and offers them a crazy, high-risk chance to save their own lives. Redshirts is the winner of the 2013 Hugo Award for Best Novel. Old Man's War Series #1 Old Man’s War #2 The Ghost Brigades #3 The Last Colony #4 Zoe’s Tale #5 The Human Division #6 The End of All Things Short fiction: “After the Coup” Other Tor Books The Android’s Dream Agent to the Stars Your Hate Mail Will Be Graded Fuzzy Nation Redshirts Lock In The Collapsing Empire (forthcoming) At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Classic and Antique Fly-Fishing Tackle - A. J. Campbell 2002-06

Anglers are always fascinated with fly fishing's golden age, and nothing brings back those years as vividly as a fine old rod and reel bearing the honorable scars of a lifetime afield. Classic & Antique Fly-Fishing Tackle features in-depth coverage of traditional gear from the 1860s to the 1920s, and affordable production tackle from the 1930s to the 1960s.Campbell discusses the history, design, construction, fishing characteristics, and identification of gear, and offers tips on future collectibles; he adds specific instructions for the care and repair of antique and classic tackle. (8 1/2 x 11, 368 pages, color photos, b&w photos, illustrations)A. J. Campbell has been collecting, restoring, dealing in, and fishing with antique and classic tackle most of his life. He a contributing editor for Saltwater Sportsman and lives in Maine.