

# The Art Of Diamond Cutting Second Edition

The Nature of Diamonds  
 Diamond Cutting  
 Faceting History: Cutting Diamonds and Colored Stones  
 Art of Diamond Cutting  
 Faceting History: Cutting Diamonds and Colored Stones  
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 A Journey Through West Africa in Search of a Million Carats of Diamonds  
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 Diamonds, Pearls and Precious Stones  
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## **DOMINGUEZ GRIFFIN**

*The Nature of Diamonds* NYU Press

Excerpt from *Diamonds, Pearls and Precious Stones: Where They Are Found, How Cut, and Made Ready for Use in the Jeweler's Art, Their Composition and Value* The purpose of this book has been primarily to give assistance to the employees of the Smith Patterson Company in understanding more fully the diamond, pearl, and colored gem business by giving them, in a condensed and accurate form, information that the writer considers useful. Although he is aware that many larger works already exist which cover the field in a most excellent and comprehensive manner, yet from the very fact that there is such an excellent body of gem literature, it is often hard to obtain a concise and accurate idea of the most interesting points in this field without the labor of extensive study. The object of the writer has been to present the most important facts concerning the nature of diamonds, pearls, and other gems, and the most interesting aspects in the work of discover ing

and cutting or preparing gems for the arts, and to give such facts as will be of interest not only to the man in the business, but also to many admirers of precious stones. In preparing the following pages the works of many authors have been drawn from. In particular the writer acknowledges valuable assistance from. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works. *Diamond Cutting* Forgotten Books  
 Diamond Cutting techniques, location and pricing of rough diamonds, what you need to know about polishing and the production of the popular round brilliant diamond.  
*Faceting History: Cutting Diamonds and Colored Stones* Read Books Ltd

Excerpt from *Diamond Design: A Study of the Reflection and Refraction and Refraction of Light in a Diamond* This book is written principally for students of precious stones and jewellers, and more particularly for diamond manufacturers and diamond cutters and polishers. The author will follow the evolution of the shape given to a cut diamond, and discuss the values of the various shapes and the reason for the discarding of the old shapes and the practically universal adoption of the brilliant. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works. [Art of Diamond Cutting](#) Xlibris Corporation  
 With a unique combination of ancient and contemporary wisdom from the Tibetan Buddhist

tradition, The Diamond Cutter presents readers with empowering strategies for success in their work and personal lives. Geshe Michael Roach, one of the great teachers today of Tibetan Buddhism, has richly woven The Diamond Cutter in three layers. The first is a translation of selections from the Diamond Sutra itself, an ancient text comprised of conversations between the Buddha and his close disciple Subhuti. Considered a central work by Buddhists throughout the world, the Diamond Sutra has been the focus of much interpretation over the centuries. In the second layer, Geshe Michael quotes from some of the best commentaries of the Tibetan tradition. In the main text, the third layer, he uses both sutra and commentary as a jumping-off point for presenting his own teaching. Geshe Michael gives fresh insight into ancient wisdom by using examples from his own experience as one of the founders of the Andin International Diamond Corporation, which was started with capital of fifty thousand dollars and which today has annual sales in excess of one hundred million dollars. Much of the success of Andin has come from applying the business strategies presented in The Diamond Cutter. Geshe Michael's easy style and spiritual understanding make this work of timeless wisdom an invaluable source for those already familiar with, and those unfamiliar with, Tibetan Buddhism.

*Faceting History: Cutting Diamonds and Colored Stones* Parallax Press

The paragon of physical perfection and a sparkling example of Earth's forces at work, the diamond has fascinated all realms of society, from Russian tsars and Hollywood stars to scientists and brides-to-be. The Nature of Diamonds is an authoritative and richly illustrated look at nature's most coveted gem. Leading geologists, gemologists, physicists, and cultural observers cover every facet of the stone, from its formation in the depths of the Earth and its explosive ascent to the surface, to its economic, regal, social, and technological roles. The book takes the reader to cutting-edge research on the frontiers of diamond exploration and exploitation, from Arctic wastes to laboratories that create industrial diamonds for cutting tools that slice through rock. Charting the history of mining from its origins in India and Brazil, the book follows the diamond rush in South Africa to today's high-tech enterprises. It provides a glimpse into the economics of the diamond trade, and an overview of diamond cutting, from the rough uncut stones in early Indian and Roman jewelry to the multifaceted stones we see today. The cultural history of the diamond as both a revered and a social symbol is explored, from its early history as the exclusive property of royalty to today's brilliant-laden jewelry as an emblem of wealth and status. The engaging text is complemented by more than 200 lavish illustrations which span fine art, earth science, and cultural studies and capture the brilliance and beauty of this extraordinary gem.

*Diamond and Gem Stone Industrial Production* Createspace Independent Publishing Platform

The beauty and sparkle and mystique of diamonds is unmatched by that of any other gem in the world. Since early times, diamonds have been treasured as good luck charms, remarkable tools and status symbols and have been worn, collected and presented as lavish gifts. Today, diamonds remain among the most sought-after gemstones and continue to hold their value through good times and bad. In *Diamonds*, author Renée Newman, a graduate gemologist and author of many trade-level handbooks on gemstones, invites the reader on a journey into the fascinating world of diamonds. This lavishly illustrated guide -- which features hundreds of photos, maps and diagrams -- covers everything from mining, cutting and evaluating diamonds to the romantic histories of some of the world's most valuable stones. *Diamonds* includes chapters on: What a diamond is -- its significance from antiquity to the present day and what it represents from different perspectives The process and history of mining diamonds -- the locations (both modern and historical) as well as the techniques used to mine diamonds The evolution of diamond cutting -- how a diamond is processed and what are the key cuts and shapes to know Diamond jewelry through the ages -- how diamonds have been used in jewelry from pre-Georgian times to today Evaluating and pricing diamonds -- how diamonds are priced based on their many value factors, such as color, carat weight, cut, clarity, and so on Man-made diamonds The remarkable benefits of diamonds. As beautiful as they are precious and as useful as they are decorative, diamonds continue to fascinate and allure. *Diamonds* will be a welcome guide for anyone who has felt the romance and power of these fascinating gems. It will also be a useful resource for professionals in the jewelry trade.

*The Art of Diamond Cutting* Springer

A lavishly illustrated, in-depth early history covering two thousand years of diamond jewelry and commerce, from the Indian mines to European merchants, courts, and workshops This richly illustrated history of diamonds illuminates myriad facets of the "king of gems," including a cast of larger-than-life characters such as Alexander the Great, the Mughal emperor Jahangir, and East India Company adventurers. It's an in-depth study tracing the story of diamonds from their early

mining and trade more than two thousand years ago to the 1700s, when Brazil displaced India as the world's primary diamond supplier. Jack Ogden, a historian and gemologist specializing in ancient gems and jewelry, describes the early history of diamond jewelry, the development of diamond cutting, and how diamonds were assessed and valued. The book includes more than one hundred captivating images, from close-up full-color photographs of historic diamond-set jewelry (some previously unpublished), to photomicrographs of individual gems and illustrations of medieval manuscripts, as well as diagrams depicting historical methods of cutting and polishing diamonds.

**The Diamond Cutter** CreateSpace

The author of, "FACETING HISTORY: CUTTING DIAMONDS AND COLORED STONES" has for a long time had a deep interest in learning how the early faceters (cutters) of diamonds and colored gemstones were able to complete their work. What methods did they use? What equipment did they have to make success possible? How soon did they discover how to complete the many phases necessary to accomplish their work? How did the equipment and methods differ between fashioning diamonds and faceting colored stones? These are just a few of the questions that the author wanted to find the answers for. In looking for answers to these and other questions, the author found that there were bits and pieces of information available in many previous books, but there was not a good book available that would answer most of his questions. Upon hearing the author's remarks about this fact, one of the librarians at the wonderful library located at the Gemological Institute of America's Carlsbad campus said that if such a book was not available, "maybe you should write the book!" Well, the author had been thinking of doing just that, but the remark caused the author to see the light and agree to get started on the project. Little did he know then that the project would require many months of eight hour days over seven day weeks to get the book completed. He decided to write a book that would answer these and other related questions that he had. The thought also occurred to him that such a book would be a valuable volume to be placed in libraries of individual faceters around the world. He realized that such a book would also be of great value to anyone who works behind a Jewelry store counter. A successful sales person is one who is knowledgeable about the products that they are selling. A book of faceting information would be extremely valuable if read and re-read from time to time. A customer in the Jewelry store will no doubt be favorably impressed by a sales presentation that is made with the use of interesting and informative information about diamonds and the various colored gemstones. The customer will be convinced that the sales person knows about what they are talking. The author has spent nearly three years on the project of researching the GIA library and other libraries, along with the extensive personal library of gemstone related books that he personally possesses. Many conflicting reports were noted in his study. He has made the statements in his book reflect the most commonly accepted opinions, of the most respected authors' works that he has found in his research. History is only obtainable from the earlier works of other authors. We cannot go back to the long past centuries ourselves, to see first hand what really happened and when it happened. A study of faceting history requires making the best choices of the information that is available. This completed book answers questions as to why the fashioning of diamonds was/is so different from the faceting of colored gemstones. The book compares the needed equipment and the methods that have brought the greatest successes. In addition, a great deal of other information connected to faceting is included. There are seven chapters in the book and there are over 125 photographs of the early equipment and methods that were used. The photographs show the faceters, the workroom conditions, and the tools and equipment that they used to complete beautiful and lasting gemstones. The book chapters are titled: An Introduction to Faceting, Early Man's Stone Appreciation, Diamond Fashioning Procedure and Equipment, Colored Stone Faceting Procedure and Equipment, The Evolution of Cut Designs, Famous and Historic Gemstones, Sources of Diamond and Colored Stone Rough, and lastly, Advances in Faceting Over the Past One Hundred Years. By books end, the reader will be well informed as to what is r

*Diamonds* Cambridge University Press

Billed in early issues as "a practical journal of industrial progress", this monthly covers a broad range of topics in engineering, manufacturing, mechanics, architecture, building, etc. Later issues say it is "devoted to the advancement and diffusion of practical knowledge."

*A Journey Through West Africa in Search of a Million Carats of Diamonds* Harmony

"Images of diamonds appear everywhere in American culture. And everyone who has a diamond has a story to tell about it. Our stories about diamonds not only reveal what we do with these tiny

stones, but also suggest how we create value, meaning, and identity through our interactions with material culture in general. Things become meaningful through our interactions with them, but how do people go about making meaning? What can we learn from an ethnography about the production of identity, creation of kinship, and use of diamonds in understanding selves and social relationships? By what means do people positioned within a globalized political-economy and a compelling universe of advertising interact locally with these tiny polished rocks? This book draws on 12 months of fieldwork with diamond consumers in New York City as well as an analysis of the iconic De Beers campaign that promised romance, status, and glamour to anyone who bought a diamond to show that this thematic pool is just one resource among many that diamond owners draw upon to engage with their own stones. The volume highlights the important roles that memory, context, and circumstance also play in shaping how people interpret and then use objects in making personal worlds. It shows that besides operating as subjects in an ad-burdened universe, consumers are highly creative, idiosyncratic, and theatrical agents"--

**Diamond Design** Xlibris Corporation

The Diamond Sutra, a mainstay of the Mahayana tradition, has fascinated Buddhists for centuries because of its insights into dualism and illusion: the "diamond" can cut through any obstacle on the road to enlightenment. In the Diamond Sutra, the Buddha responds to a disciple's question about how to become a Buddha. The Diamond that Cuts Through Illusion presents a dialogue between the Buddha and his disciple, Subhuti, which illuminates how our minds construct limited categories of thought. The answer: we must move beyond personal enlightenment to follow the path of the Bodhisattvas, fully enlightened beings who postpone Nirvana in order to alleviate the suffering of others. It offers us alternative ways to look at the world in its wholeness so we can encounter a deeper reality; develop reverence for the environment and more harmonious communities, families, and relationships; and act in the world skillfully and effectively. This revised edition includes Thich Nhat Hanh's translation of the Sutra from the Chinese and, in his commentaries, his own diamond sharp insight, including new work on the environmental implications of the Diamond Sutra. A beautiful edition of one of Buddhism's central texts.

*Journal of the Royal Society for the Encouragement of Arts, Manufactures, and Commerce* Van Nostrand Reinhold Company

Perhaps the most prized of all gems, diamonds have a long and fascinating history. In this engrossing, profusely illustrated volume, that history is covered in detail — from early discoveries in the Golconda mines of India (probably the site of the first diamonds ever unearthed) and digs in Brazil, to the South African diamond rush and development of major mining companies. Over 200 illustrations include step-by-step photos showing how these valuable stones are mined and the intricacies of cutting and faceting, while reproductions of museum paintings and photographs depict famous individual diamonds as well as outstanding rings, bracelets, brooches, pins, earrings, watches, tiaras, and other traditional and modern diamond pieces. Here also are stories of the most famous and infamous diamonds: the Koh-i-Noor in the Tower of London, the Hope in the Smithsonian Institution, the Regent in the Louvre, the Orloff in the Kremlin, and many other celebrated jewels. More than a dramatically told story of diamonds, this volume will also serve as a practical guide for anyone who owns a diamond or plans to buy one. It explains and illustrates different diamond cuts, the role of carats, and how to buy diamonds — for sentiment, beauty, show, flawlessness, or investment. Anyone who has ever been captivated by the matchless brilliance of these rare gems will find this book an informative, highly readable addition to their personal library.

**Diamond Cuts in Historic Jewellery, 1381-1910** Yale University Press

The author of, "Faceting History: Cutting Diamonds and Colored Stones" has for a long time had a deep interest in learning how the early faceters (cutters) of diamonds and colored gemstones were able to complete their work. What methods did they use? What equipment did they have to make success possible? How soon did they discover how to complete the many phases necessary to accomplish their work? How did the equipment and methods differ between fashioning diamonds and faceting colored stones? These are just a few of the questions that the author wanted to find the answers for. In looking for answers to these and other questions, the author found that there were bits and pieces of information available in many previous books, but there was not a good book available that would answer most of his questions. Upon hearing the author's remarks about this fact, one of the librarians at the wonderful library located at the Gemological Institute of America's Carlsbad campus said that if such a book was not available, "maybe you should write the book!" Well, the author had been thinking of doing just that, but the remark caused the author

to see the light and agree to get started on the project. Little did he know then that the project would require many months of eight hour days over seven day weeks to get the book completed. He decided to write a book that would answer these and other related questions that he had. The thought also occurred to him that such a book would be a valuable volume to be placed in libraries of individual faceters around the world. He realized that such a book would also be of great value to anyone who works behind a Jewelry store counter. A successful sales person is one who is knowledgeable about the products that they are selling. A book of faceting information would be extremely valuable if read and re-read from time to time. A customer in the Jewelry store will no doubt be favorably impressed by a sales presentation that is made with the use of interesting and informative information about diamonds and the various colored gemstones. The customer will be convinced that the sales person knows about what they are talking. The author has spent nearly three years on the project of researching the GIA library and other libraries, along with the extensive personal library of gemstone related books that he personally possesses. Many conflicting reports were noted in his study. He has made the statements in his book reflect the most commonly accepted opinions, of the most respected authors' works that he has found in his research. History is only obtainable from the earlier works of other authors. We cannot go back to the long past centuries ourselves, to see first hand what really happened and when it happened. A study of faceting history requires making the best choices of the information that is available. This completed book answers questions as to why the fashioning of diamonds was/is so different from the faceting of colored gemstones. The book compares the needed equipment and the methods that have brought the greatest successes. In addition, a great deal of other information connected to faceting is included. There are seven chapters in the book and there are over 125 photographs of the early equipment and methods that were used. The photographs show the faceters, the workroom conditions, and the tools and equipment that they used to complete beautiful and lasting gemstones. The book chapters are titled: An Introduction to Faceting, Early Man's Stone Appreciation, Diamond Fashioning Procedure and Equipment, Colored Stone Faceting Procedure and Equipment, The Evolution of Cut Designs, Famous and Historic Gemstones, Sources of Diamond and Colored Stone Rough, and lastly, Advances in Faceting Over the Past One Hundred Years. Within each of these chapters the reader will find a multitude of additional and interesting information. Chapter One: Early Faceting Inform  
[Tiffany Diamonds](#) Courier Corporation  
 During one of the most challenging times of author Rockel Etienne's life, she was in so much

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- [How To Win Friends & Influence People \(dale Carnegie Books\) By Dale Carnegie](#)
- [Haunting Adeline \(cat And Mouse Duet\) By H. D. Carlton](#)
- [The Inmate: A Gripping Psychological Thriller By Freida Mcfadden](#)
- [Little Blue Truck's Springtime: An Easter And Springtime Book For Kids By Alice Schertle](#)
- [It's Not Summer Without You](#)
- [House Of Flame And Shadow \(crescent City, 3\)](#)

anguish that she felt as though she could not breathe. In her quiet time, she was compelled to express her pain, purpose, and passion through the written word. Without the therapy of writing, Etienne felt she would not recover. She had a choice to make: write and heal, or stay in pain and become bitter. She chose to write. If you have journeyed from pain to purpose, or have a desire to do so, then Diamond Cut is for you. This intriguing self-help guide compares the fine art of diamond cutting to the rebirth of a human being. Diamonds change immensely from discovery to brilliancy, and we transition through similar processes in our lives. We also endure emotional, social, and psychological stages of change. These seasons of change transform our existence and shape our inner and outer being. Through the insights in Diamond Cut, you'll have the opportunity to grow, develop, and shine in your life.

#### **ART OF CUTTING AND POLISHING DIAMONDS** Firefly Books

This book will appeal to anyone who is intrigued by diamonds or is interested in Tiffany & Co. Annotation 2005 Book News, Inc., Portland, OR (booknews.com).

#### *Diamonds*

The first leg of a journey in search of a million Carats of Rough Diamonds.

#### Journal of the Royal Society of Arts

This early work on gem cutting is both expensive and hard to find in its first edition. It details the processes involved in different kinds of gem cutting and includes chapters on Cabochon Cutting, Facet Cutting and Special Lapidary Technic. This is a fascinating work and highly recommended for anyone interested in the art of the jeweller. Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

#### *The Diamond That Cuts Through Illusion*

Excerpt from *Diamonds and Precious Stones: Their History, Value, and Distinguishing Characteristics, With Simple Tests for Their Identification* At the time that the African diamond fields were discovered there was only one diamond cutter in London. Dutchmen were accordingly engaged to work in London from Monday morning till Friday sunset, and they were 1 to receive 10 per week each man. There was a very large supply of rough diamonds to be cut, so they struck several times successfully for higher wages. They would allow no person to be in the room that they worked in, being afraid the secrets of their art might be discovered. At least they demanded 18 per week each man, when they were discharged and English precious gem cutter-

aware put at the work. At first they were only able after a deal of trouble to cut a class of diamond in one month which they could now cut in about four days. As soon as it was clearly proved that Englishmen had once more gained the art, the Worshipful Company of Turners had their attention called to it by their Past Masters, the late Professor Tennant, the Queen's Mineralogist, and Mr. John 'Jones.' They at once decided to give English cutters every encouragement, and have, with the valuable assistance of the Baroness and Mr. Burdett-Coutts, who are both members of this company, offered money awards in competition against the Dutch for the best cut diamonds. After several contests the Englishmen gained the first prize and most of the others. Great credit and thanks are due to this company and the Baroness and Mr. Burdett-Coutts for giving such valuable assistance to this industry. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

#### *The Art of Cutting and Polishing Diamonds.*

To most laymen, diamond cutting is an art steeped in mystery. In fact, it is a skill to which many semi-professional and amateur coloured-stone faceters can aspire. This book incorporates the major changes currently taking place in the world diamond market.

#### **The Manufacturer and Builder**

This is the first book devoted entirely to diamond inclusions in all its known natural characteristics. The first half of the book defines external and internal inclusions, describing each variety with numerous full color examples. What makes this work outstanding is the section in which inclusions are tracked from the rough to the cut and how the integrity of the diamond can be compromised by depth and position of the remaining inclusions. Additionally, an entire section is devoted to the diamond manufacturing process and its relationship to inclusions. In this area inclusions are examined with regards to heat, pressure, rotation, and other mechanical influences. Inclusions trapped in diamonds are full of information that in many cases is still to be scientifically interpreted. This book takes us into the fascinating world of micro-inclusions giving us fresh insight in one of nature's most sought after gems.