



## Aluminum and aluminum alloys in the form of ingots, castings, bars, plates, sheets, tubes, wire and all forms of structural shapes

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By Aluminum Company of America

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 48 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1897 edition. Excerpt: . . . the amount of aluminum used, however, being small. The amount of aluminum used to give the best results varies with the grade of steel, amount of occluded gases, temperature of the molten metal, etc. Aluminum is usually added in proportions of from one-eighth to three-quarters of a pound to the ton of steel; the aluminum being added either in the ladle, or in the case of steel castings, with more economy of the aluminum as the metal is being poured into the ingot moulds or groups of moulds. Until the proper percentage of aluminum to add to any particular grade of steel has been determined, it is advisable to start with small lots, for instance, with two or three ounces to the ton, working up to the proportion that seems to give the best results. The special advantages to be gained by the use of...



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