Subpart C—FIREARMS

Identification Markings Placed on Firearms (98R-341P)

27 CFR Parts 178 and 179

T.D. ATF-461; Ref: Notice No. 877

RIN 1512-AB84

AGENCY: Bureau of Alcohol, Tobacco and Firearms (ATF), Department of the Treasury.

ACTION: Final rule (Treasury decision).

SUMMARY: The Bureau of Alcohol, Tobacco and Firearms (ATF) is amending the regulations to prescribe minimum height and depth requirements for identification markings placed on firearms by licensed importers and licensed manufacturers. Specifically, we are requiring a minimum height of $\frac{1}{16}$ inch and a minimum depth of .003 inch for serial numbers and a minimum depth of .003 inch for all other required markings. We believe that these minimum standards are necessary to ensure that firearms are properly identified in accordance with the law. In addition, the final regulations will facilitate our ability to trace firearms used in crime.

DATES: This rule is effective January 30, 2002.

FOR FURTHER INFORMATION CONTACT: James P. Ficaretta, Regulations Division, Bureau of Alcohol, Tobacco and Firearms, 650 Massachusetts Avenue, NW., Washington, DC 20226, (202-927-8210).

SUPPLEMENTARY INFORMATION:

Background

Section 923(i) of the Gun Control Act of 1968 (GCA), as amended (18 U.S.C. Chapter 44), requires licensed importers and licensed manufacturers to identify, by means of a serial number, each firearm imported or manufactured. The serial number must be engraved, cast, or stamped on the receiver or frame of the weapon in such manner as the Secretary of the Treasury prescribes by regulation. With respect to certain firearms subject to the National Firearms Act (e.g., machine guns), 26 U.S.C. 5842 requires each manufacturer and importer and anyone making a firearm to identify each firearm by a serial number. The serial number may not be readily removed, obliterated, or altered. Section 5842 also requires the firearm to be identified by the name of the manufacturer, importer, or maker, and such other identification as the Secretary may prescribe by regulation.

Regulations that implement section 923(i) are set forth in 27 CFR 178.92. In general, this section requires each licensed manufacturer or licensed importer of firearms to legibly identify each firearm by engraving, casting, stamping (impressing), or otherwise conspicuously placing on the frame or receiver an individual serial number. The serial number must be placed in a manner not susceptible of being readily obliterated, altered, or removed. 

1. The model, if such designation has been made;
2. The caliber or gauge;
3. The name (or recognized abbreviation of same) of the manufacturer and also, when applicable, of the importer;
4. In the case of a domestically made firearm, the city and State (or recognized abbreviation thereof) where the licensed manufacturer maintains its place of business; and
5. In the case of an imported firearm, the name of the country in which manufactured and the city and State (or recognized abbreviation thereof) where the importer maintains its place of business.

The same marking requirements appear in regulations issued under the National Firearms Act at 27 CFR 179.102. In the case of any semiautomatic assault weapon manufactured after September 13, 1994, the regulations also require that the frame or receiver be marked “RESTRICTED LAW ENFORCEMENT/GOVERNMENT USE ONLY” or, in the case of weapons manufactured for export, “FOR EXPORT ONLY” (27 CFR 178.92(a)(2)).

Discussion

The GCA requires Federal firearms licensees (FFLs) to maintain records of their acquisitions and dispositions of firearms, including complete and accurate descriptions of the firearms. One of the principal objectives of the GCA is to facilitate the tracing of firearms used in crime “to provide support to Federal, State, and local law enforcement officials in their fight against crime and

1 Correction: This measurement incorrectly read “1 1/16 inch” as originally published in the Federal Register on Friday, August 3, 2001 at 66 FR 40596. ATF published a correction notice in the Federal Register on Monday, August 13, 2001, at 66 FR 42586, to correct the measurement to “1/16 inch.”
or laser etch. SAAMI elaborated on the industry's concerns regarding compliance with the proposed regulation as follows:

Its member companies place required identification markings on firearms by rolling, electro/chemical etch, multiple pin impingement, or laser etch. BATF depth requirement.  The capabilities vary in their ability to etch to 0.005 inch. Most company's laser engraving equipment cannot meet the proposed BATF depth requirement.

The serial number, along with other required markings such as caliber, model, name of manufacturer, and city and State of the manufacturer or importer make any given firearm uniquely identifiable and traceable. Firearms tracing is an integral part of any investigation involving the criminal use of firearms. The systematic tracking of firearms from the manufacturer or U.S. importer to the first retail purchaser enables law enforcement agencies to identify suspects involved in criminal violations, determine if the firearm is stolen, and provide other information relevant to an investigation. Our National Tracing Center (NTC) maintains the capability to trace recovered firearms used in crimes. Over the years, the NTC has experienced a substantial increase in the number of requests received for crime gun traces by Federal, State, and local law enforcement agencies. The total number of requests for gun traces increased from 77,000 in 1995 to approximately 200,000 in 1997.

Prior to this rulemaking proceeding, there were no minimum standards concerning size and depth of impression for markings on firearms. The regulations required that the identifying information, including the serial number, be legible, conspicuous, and placed on the firearm "in a manner not susceptible of being readily obliterated, altered, or removed." The lack of specific minimum standards has caused problems for licensees in properly reporting identifying information in their required records, particularly with respect to serial numbers that are very small or are not applied to a uniform depth. Moreover, worn, hard-to-read markings often result in State and local law enforcement officers forwarding erroneous information to BATF in connection with a trace request. Serial numbers that are stamped very lightly on the frame or receiver of the firearm are more susceptible to being easily obliterated, altered, or removed. These problems often hinder our efforts to trace a particular firearm. The Johns Hopkins Center for Gun Policy and Research provided us with the following information:

We have been informed by the Baltimore Police Department that of the almost 3,700 crime-guns recovered by them in 1998, 15% had obliterated serial numbers. Nationwide it is estimated that between 9 and 20 percent of the crime-guns recovered have had their serial numbers removed.

**Notice of Proposed Rulemaking**

To reduce the problem of incorrect record entries by licensees and to make identification markings less susceptible to being readily obliterated, altered, or removed, on June 23, 1999, we published a notice in the Federal Register proposing to amend the regulations to prescribe minimum height and depth requirements for identification markings placed on firearms (Notice No. 877, 64 FR 33450). Specifically, we proposed that licensed manufacturers and licensed importers cast, stamp (impress) or engrave serial numbers to a depth of at least .005 inch and in a print size no smaller than 1/32 inch. We also proposed that all other required markings, including the special markings for semiautomatic assault weapons, be cast, stamped (impressed) or engraved to a depth of at least .005 inch. We did not propose to require a minimum height requirement of 1/32 inch for all identification markings since such a requirement would make it difficult to fit all the information on a firearm, particularly in the case of handguns.

As stated in the notice, we believed that the minimum standards proposed would ensure that firearms are properly identified in accordance with the law. In addition, we stated that the proposed regulations, if adopted, would facilitate our ability to trace firearms used in crime. The comment period for Notice No. 877 closed on September 21, 1999.

**Analysis of Comments/Final Rule**

We received 18 comments in response to Notice No. 877. Comments were submitted by a Federal agency (Department of the Treasury, U.S. Customs Service), Federal firearms licensees, the Canadian Firearms Registry, Johns Hopkins University (School of Hygiene and Public Health—Center for Gun Policy and Research), and two organizations (the International Association of Chiefs of Police and the Sporting Arms and Ammunition Manufacturers’ Institute).

**Minimum Depth for Serial Numbers and All Other Required Markings**

Fourteen comments addressed our proposal to require a minimum depth of .005 inch for all required identification markings placed on firearms, including serial numbers. Three commenters, all Federal firearms licensees, supported the proposed regulation. One of the commenters stated that it currently impresses the required information to a depth of .005 inch. Another commenter, a manufacturer and importer of rifles and pistols for the civilian and law enforcement markets, stated that it currently engraves serial numbers and other information on pistols to a depth of at least .005 inch.

Eleven comments expressed opposition to our proposal. Most commenters maintained that they can mark firearms to a depth of approximately .003 inch using their present equipment. However, in order to comply with the minimum .005 inch depth proposed by BATF, they would need to purchase new equipment at great expense. In its comment, the Sporting Arms and Ammunition Manufacturers’ Institute (SAAMI), an organization that represents the majority of the major firearms manufacturers, explained that its member companies place required identification markings on firearms by rolling, electro/chemical etch, multiple pin impingement or laser etch. SAAMI elaborated on the industry’s concern regarding compliance with the proposed regulation as follows:

Most [member companies] roll the serial numbers and other information on to the gun. This method requires high forces to get the impressions deep enough. It requires 3/4 ton per 3/32-inch (.094) character to go 0.005 inches deep in mild steel and 1 ton in medium steel. Some companies do not now, and cannot go 0.005 inches deep with their current equipment. Should pressure be increased to obtain 0.005, unsafe deformation of the barrel and receiver can occur. Some companies use only laser etching to burn the required information into the firearm. This method does not lend itself to deep markings. * * * Laser etching to etch to 0.005 inch. Most company’s laser engraving equipment cannot meet the proposed BATF depth requirement.
Some commenters provided ATF with cost estimates that would be incurred to comply with the proposed regulation. For example, Thompson/Center Arms Company, Inc. (T/C), a licensed manufacturer of sporting firearms, states that it currently presses serial numbers and other required information on firearms to a depth of .003 inch using a 4000 pound press. The commenter contends that adoption of the proposed rule would require it to incur the following costs:

Compliance with the proposed rule would cost T/C $100,000 in start-up costs. T/C would have to purchase a 10 ton press costing $10,000 and a serial stamp costing $8000. Engineering costs to change the process for new tooling would be $35,000. Costs to change the finishing process would be $20,000. Additional costs would be necessary for new inspection tools to verify the depth and for other tooling. Further, compliance with the proposed rule would cost T/C an additional $50,000 annually. More finishing will be required if the numbers must be pressed as deep as proposed. Deeper pressing raises more excess metal around the numbers, requiring more finishing and increasing the rate of rejected receivers. An estimated 20,000 receivers produced each year, the annual cost in reworking firearms will total $30,000. Additional inspection costs would be incurred. The serial stamp (which costs $8000) will receive more friction and wear and will require replacement more frequently.

Another comment, submitted on behalf of Browning and U.S. Repeating Arms Company, stated that, in general, neither company currently meets the minimum height or depth requirements proposed in the notice. As stated in the comment—

[To impose these minimum standards would unduly burden both companies economically. Conservative estimates set costs well in excess of $100,000 for replacement tooling and obsolescence of spare components. Further, it is most probably the case that we would be unable to meet the requirements with our laser etching facilities and would incur substantial additional costs associated with reconfiguring that operation.]

Based on the comments received in response to Notice No. 877, we have reconsidered our proposal to require a minimum depth of .003 inch for all required markings placed on firearms, including serial numbers. The comments clearly demonstrate that adoption of such a proposal would place an undue financial hardship on the industry. We agree with SAAMI’s comment that a minimum depth of all markings, including serial numbers, will be measured from the flat surface of the metal, not the peaks or ridges. We believe that this standard is the minimum necessary to ensure that firearms are properly identified in accordance with the law while at the same time imposing a reasonable burden on the industry.

**Minimum Height for Serial Numbers**

Eleven comments addressed our proposed minimum height requirement of \( \frac{1}{32} \) inch for serial numbers placed on firearms. Three commenters, all licensed manufacturers, supported the proposal noting that they currently mark serial numbers to that depth. One commenter, the Canadian Firearms Registry (a national police service of the Royal Canadian Mounted Police), agreed with ATF’s decision to establish a minimum height requirement for serial numbers. However, the commenter expressed a concern about the size proposed by ATF stating that while \( \frac{1}{32} \) inch is legible, “such small lettering may increase the number of clerical errors in serial numbers use for commercial transactions, in addition to law enforcement issues.”

Seven commenters objected to the proposed minimum \( \frac{1}{32} \) inch height requirement. Most commenters stated that they could not comply with the proposed type size using their current equipment and that compliance with ATF’s proposed rule would require them to purchase new equipment at considerable expense. Some commenters provided us with cost estimates that would be incurred to comply with the proposed regulation.

Several commenters requested that ATF change the minimum height for serial numbers to \( \frac{1}{16} \) inch. One commenter, a small business FFL, stated the following:

Small businesses often rely on common “off the shelf” tools and supplies. The proposed \( \frac{1}{32} \) of an inch is not a common size for number and letter stamps for metal working where as \( \frac{1}{16} \) of an inch is. To change sizes would require replacing existing tooling and acquiring new tooling which cost at a minimum 20 times the amount of the standard sizes. This cost is based on current machine tool catalogs. This is a significant cost to small businesses * * *

Another commenter, Colt’s Manufacturing Company, Inc., explained that “[t]he dot matrix and roll mark processes currently in use at Colt’s could reliably meet such [\( \frac{1}{16} \) inch] marking requirements.” In its comment, SAAMI stated that most of its member manufacturers could meet a \( \frac{1}{16} \) inch depth requirement. According to the Center for Gun Policy and Research (the Center) expressed support for ATF’s efforts to establish minimum depth requirements for serial numbers placed on firearms. However, it is their opinion that compression stamping should be the only acceptable method for the application of serial numbers. While the regulations provide that engraving (etching), casting, and stamping (impressing) are acceptable methods of marking firearms, the commenter believes that the casting and etching methods fail
to meet the criterion set forth in the regulations, i.e., that the identifying information placed on firearms be "in a manner not susceptible of being readily obliterated, altered, or removed." Similar concerns were raised by another commenter, the International Association of Chiefs of Police (IACP). The IACP contends that laser-etched serial numbers can be obliterated much easier than stamped ones and, as such, hinder law enforcement efforts to trace the origin of firearms used in crime. The GCA provides that the serial number must be engraved, cast, or stamped on the receiver or frame of a firearm. Laser etching is considered to be an engraving operation. As defined in The American Heritage Dictionary of the English Language (Houghton Mifflin Company, Boston, 1976), the word "engrave" means "[t]o carve, cut, or etch (a design or letters) into a material." As such, to prohibit the use of casting and etching methods for marking firearms, legislative action would be necessary.

With respect to the Center's contention that casting or etching methods "fail to meet the criterion of 'not susceptible to being readily obliterated,'" we would emphasize that all markings can be removed by someone who wishes to make a deliberate effort to remove the markings. Realistically, we need to be concerned about markings that could be worn away during normal use or markings that could not survive normal refinishing processes, e.g., blueing, plating, etc. In addition, susceptibility of being readily obliterated, altered, or removed depends on a number of factors, including the method of marking, the size and depth of marking, and the material. For example, we have seen stamped markings that were so lightly placed on the metal that they could be scratched away with a pen knife. Although the markings were stamped, they could still be readily obliterated and were not in compliance with the regulations. On the other hand, some manufacturers use cast markings that can be deeply placed in the metal and would require considerable effort to remove. Also, markings placed in soft materials such as aluminum or zinc alloys, and especially plastics, are comparatively easy to remove compared to markings in steel. As such, ATF has required manufacturers and importers who use polymer plastic frames to mark serial numbers in a steel plate embedded within the plastic.

The U.S. Customs Service, a federal agency within the Department of the Treasury, also submitted a comment on ATF's proposed regulations. This agency enforces general country of origin marking requirements for foreign articles imported into the United States, pursuant to 19 U.S.C. 1304. Customs is concerned about the type size of the country of origin marking for imported firearms. While ATF's proposed regulations do not prescribe minimum print size requirements for the additional information placed on firearms, including the country of origin marking for imported firearms, Customs notes that regulations addressing country of origin marking are set forth in 19 CFR part 134. Those regulations require the marking to be "conspicuous," which is defined as "capable of being easily seen with normal handling of the article." Customs also advised ATF of additional regulations in 19 CFR 134.46 concerning country of origin marking. Accordingly, these final regulations make a cross reference to Customs' country of origin marking requirements in 19 CFR part 134.

How This Document Complies With the Federal Administrative Requirements for Rulemaking

Executive Order 12866

We have determined that this final rule is not a significant regulatory action as defined by Executive Order 12866. Therefore, a regulatory assessment is not required.

Regulatory Flexibility Act

The Regulatory Flexibility Act (RFA) generally requires an agency to conduct a regulatory flexibility analysis of any rule subject to notice and comment rulemaking requirements unless the agency certifies that the rule will not have a significant economic impact on a substantial number of small entities. Small entities include small businesses, small not-for-profit enterprises, and small governmental jurisdictions. We hereby certify that this final rule will not have a significant economic impact on a substantial number of small entities because the revenue effects of this rulemaking on small businesses flow directly from the underlying statute. Likewise, any secondary or incidental effects, and any reporting, recordkeeping, or other compliance burdens flow directly from the statute. Accordingly, a regulatory flexibility analysis is not required.

Paperwork Reduction Act

The collections of information contained in this final regulation have been reviewed and approved by the Office of Management and Budget in accordance with the requirements of the Paperwork Reduction Act (44 U.S.C. 3507(d)) under control numbers 1512-0129 and 1512-0130. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid control number assigned by the Office of Management and Budget.

The collections of information in this final rule are in 27 CFR 178.92 and 179.102. This information is required to properly identify each firearm that is manufactured or imported. The collections of information are mandatory. The likely respondents are businesses.

*Estimated total annual reporting and/or recordkeeping burden: 5,012 hours.*
*Estimated average burden hours per respondent and/or recordkeeper: 2 hours.*
*Estimated number of respondents and/or recordkeepers: 2,506.*
*Estimated annual frequency of responses: one-time requirement to change size and depth.*
*Estimated average annual burden hours per respondent: 1512-0129--1.71 hours; 1512-0130--.12 hours; and 1512-0387--3 hours.*

Comments concerning the accuracy of these burden estimates and suggestions for reducing the burden should be directed to the Chief, Document Services Branch, Room 3110, Bureau of Alcohol, Tobacco and Firearms, 650 Massachusetts Avenue, NW., Washington, DC 20226, and to the Office of Management and Budget, Attention: Desk Officer for the Department of the Treasury, Bureau of Alcohol, Tobacco and Firearms, Office of Information and Regulatory Affairs, Washington, DC 20503.
Disclosure

Copies of the notice of proposed rulemaking, all written comments, and this final rule will be available for public inspection during normal business hours at: ATF Public Reading Room, Room 6480, 650 Massachusetts Avenue, NW., Washington, DC.

Drafting Information

The author of this document is James P. Ficaretta, Regulations Division, Bureau of Alcohol, Tobacco and Firearms.

List of Subjects

27 CFR Part 178

Administrative practice and procedure, Arms and ammunition, Authority delegations, Customs duties and inspection, Exports, Imports, Military personnel, Penalties, Reporting requirements, Research, Seizures and forfeitures, and Transportation.

27 CFR Part 179

Administrative practice and procedure, Arms and munitions, Authority delegations, Customs duties and inspection, Exports, Imports, Military personnel, Penalties, Reporting requirements, Research, Seizures and forfeitures, and Transportation.

Authority and Issuance

For the reasons discussed in the preamble, ATF amends 27 CFR Parts 178 and 179 as follows:

PART 178—COMMERCE IN FIREARMS AND AMMUNITION

Paragraph 1. The authority citation for 27 CFR part 178 continues to read as follows:


Par. 2. Section 178.92 is amended by revising the section heading and paragraph (a), and by adding a parenthetical text at the end of the section to read as follows:

§ 178.92 How must licensed manufacturers and licensed importers identify firearms, armor piercing ammunition, and large capacity ammunition feeding devices?

(a)(1) Firearms. You, as a licensed manufacturer or licensed importer of firearms, must legibly identify each firearm manufactured or imported as follows:

(i) By engraving, casting, stamping (impressing), or otherwise conspicuously placing or causing to be engraved, cast, stamped (impressed) or placed on the frame or receiver thereof an individual serial number. The serial number must be placed in a manner not susceptible of being readily obliterated, altered, or removed, and must not duplicate any serial number placed by you on any other firearm. For firearms manufactured or imported on and after January 30, 2002, the engraving, casting, or stamping (impressing) of the serial number must be to a minimum depth of .003 inch and in a print size no smaller than \(\frac{1}{16}\) inch; and

(ii) By engraving, casting, stamping (impressing), or otherwise conspicuously placing or causing to be engraved, cast, stamped (impressed) or placed on the frame, receiver, or barrel thereof certain additional information. This information must be placed in a manner not susceptible of being readily obliterated, altered, or removed. For firearms manufactured or imported on and after January 30, 2002, the engraving, casting, or stamping (impressing) of this information must be to a minimum depth of .003 inch. The additional information includes:

(A) The model, if such designation has been made;
(B) The caliber or gauge;
(C) Your name (or recognized abbreviation) and also, when applicable, the name of the foreign manufacturer;
(D) In the case of a domestically made firearm, the city and State (or recognized abbreviation thereof) where you as the manufacturer maintain your place of business; and

(E) In the case of an imported firearm, the name of the country in which it was manufactured and the city and State (or recognized abbreviation thereof) where you as the importer maintain your place of business. For additional requirements relating to imported firearms, see Customs regulations at 19 CFR part 134.

(2) Firearm frames or receivers. A firearm frame or receiver that is not a component part of a complete weapon at the time it is sold, shipped, or otherwise disposed of by you must be identified as required by this section.

(3) Special markings for semiautomatic assault weapons, effective July 5, 1995. In the case of any semiautomatic assault weapon manufactured after September 13, 1994, you must mark the frame or receiver “RESTRICTED LAW ENFORCEMENT/GOVERNMENT USE ONLY” or, in the case of weapons manufactured for export, “FOR EXPORT ONLY,” in a manner not susceptible of being readily obliterated, altered, or removed. For weapons manufactured or imported on and after January 30, 2002, the engraving, casting, or stamping (impressing) of the special markings prescribed in this paragraph (a)(3) must be to a minimum depth of .003 inch.

(4) Exceptions. (i) Alternate means of identification. The Director may authorize other means of identification upon receipt of a letter application from you, submitted in duplicate, showing that such other identification is reasonable and will not hinder the effective administration of this part.
PART 179—MACHINE GUNS, DESTRUCTIVE DEVICES, AND CERTAIN OTHER FIREARMS

§ 179.102  How must firearms be identified?

(a) You, as a manufacturer, importer, or maker of a firearm, must legibly identify the firearm as follows:

(1) By engraving, casting, stamping (impressing), or otherwise conspicuously placing or causing to be engraved, cast, stamped (impressed) or placed on the frame or receiver thereof an individual serial number. The serial number must be placed in a manner not susceptible of being readily obliterated, altered, or removed, and must not duplicate any serial number placed by you on any other firearm. For firearms manufactured, imported, or made on and after January 30, 2002, the engraving, casting, or stamping (impressing) of the serial number must be to a minimum depth of .003 inch and in a print size no smaller than 1/16 inch; and

(2) By engraving, casting, stamping (impressing), or otherwise conspicuously placing or causing to be engraved, cast, stamped (impressed), or placed on the frame, receiver, or barrel thereof certain additional information. This information must be placed in a manner not susceptible of being readily obliterated, altered or removed. For firearms manufactured, imported, or made on and after January 30, 2002, the engraving, casting, or stamping (impressing) of this information must be to a minimum depth of .003 inch. The additional information includes:

(i) The model, if such designation has been made;

(ii) The caliber or gauge;

(iii) Your name (or recognized abbreviation) and also, when applicable, the name of the foreign manufacturer or maker;

(iv) In the case of a domestically made firearm, the city and State (or recognized abbreviation thereof) where you as the manufacturer maintain your place of business, or where you, as the maker, made the firearm; and

(v) In the case of an imported firearm, the name of the country in which it was manufactured and the city and State (or recognized abbreviation thereof) where you as the importer maintain your place of business. For additional requirements relating to imported firearms, see Customs regulations at 19 CFR part 134.

(b) The depth of all markings required by this section will be measured from the flat surface of the metal and not the peaks or ridges. The height of serial numbers required by paragraph (a)(1)(i) of this section will be measured as the distance between the latitudinal ends of the character impression bottoms (bases).

(c) The Director may authorize other means of identification upon receipt of a letter application from you, submitted in duplicate, showing that such other identification is reasonable and will not hinder the effective administration of this part.

(d) In the case of a destructive device, the Director may authorize other means of identifying that weapon upon receipt of a letter application from you, submitted in duplicate, showing that engraving, casting, or stamping (impressing) such a weapon would be dangerous or impracticable.

(e) A firearm frame or receiver that is not a component part of a complete weapon at the time it is sold, shipped, or otherwise disposed of by you must be identified as required by this section.

(f) Any part defined as a machine gun, muffler, or silencer for the purposes of this part that is not a component part of a complete firearm at the time it is sold, shipped, or otherwise disposed of by you must be identified as required by this section.

(2) The Director may authorize other means of identification of parts defined as machine guns other than frames or receivers and parts defined as mufflers or silencers upon receipt of a letter application from you, submitted in duplicate, showing that such other identification is reasonable and will not hinder the effective administration of this part.

§ 179.103  Measuring height and depth of markings.

(b) The depth of all markings required by this section will be measured from the flat surface of the metal and not the peaks or ridges. The height of serial numbers required by paragraph (a)(1)(i) of this section will be measured as the distance between the latitudinal ends of the character impression bottoms (bases).

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(Approved by the Office of Management and Budget under control number 1512-0550)
Timothy E. Skud,
Deputy Assistant Secretary (Acting), (Regulatory, Tariff and Trade Enforcement)

Editorial note: This document was received at the Office of the Federal Register July 31, 2001.

(Filed with the Office of the Federal Register on 8-2-01 at 8:45 a.m. as FR Doc. No. 01-19418; published in the Federal Register on 8-3-01 at 66 FR 40596. Correction notice filed on 8-10-01 at 8:45 a.m. as FR Doc. No. C1-19418 and published in the Federal Register on 8-13-01 at 66 FR 42586.)