

A-A-1809B  
 April 27, 1988  
SUPERSEDING  
 A-A-1809A  
 December 5, 1985

## COMMERCIAL ITEM DESCRIPTION

### TABLEWARE, SILVERPLATED AND STAINLESS STEEL

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification RR-T-51, type I.

This commercial item description (CID) covers both silverplated and stainless steel tableware equal in quality to a grade known within the industry as "high-quality hotel and restaurant" holloware. The tableware shall be the manufacturer's current, standard commercial product, except for changes necessary to comply with this CID. The items covered by this CID are intended for use in officers' and executives' messes and dining rooms.

The tableware shall be of the following types and items.

Type I - Silverplated  
 Type II - Stainless steel

#### ITEMS:

- |   |             |
|---|-------------|
| 1 - Bowl, food serving                  | (figure 1)  |
| 2 - Bowl, sugar, 8 to 12 ounce          | (figure 2)  |
| 3 - Holder, oil and vinegar cruets      | (figure 3)  |
| 4 - Coffee pot, serving, 32-ounce       | (figure 4)  |
| 5 - Dish, food serving, 8-inch diameter | (figure 5)  |
| 6 - Dish, food serving, rectangular     | (figure 6)  |
| 7 - Gravy boat                          | (figure 7)  |
| 8 - Pitcher, cream or syrup, 8-ounce    | (figure 8)  |
| 9 - Pitcher, water, 64-ounce            | (figure 9)  |
| 10 - Platter, food serving              | (figure 10) |
| 11 - Teapot, serving, 13 to 20 ounces   | (figure 11) |
| 12 - Tray, service, 12 inch             | (figure 12) |
| 13 - Tray, service, 20 inch             | (figure 13) |
| 14 - Tray, bread                        | (figure 14) |

#### Salient characteristics.

Materials. Materials not definitely specified shall be the type and quality supplied by the manufacturer for their normal commercial product provided the completed items comply with all the provisions of this CID. Commercial tolerances are applicable to all material thicknesses and diameters.

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Nickel brass sheet. Nickel brass sheet specified herein shall have a minimum of 8 percent by composition of nickel with the balance of copper and zinc in accordance with commercial practice.

Brass. Brass specified herein shall have a minimum of 65 percent copper with the balance of zinc.

Stainless steel. Stainless steel shall conform to a type 300 series in accordance with ASTM A 167.

Design and construction. The design shall be the manufacturers' current design but a pattern similar to the figure. Figures 1 through 14 are to be used as a guide only. The dimensions shown on the figures are approximate.

Wall thickness. The minimum wall thickness for each item shall be as indicated on the applicable figure.

Base metal. For type I items the base metal shall be stainless steel, nickel brass or brass. Type II items shall be fabricated from stainless steel.

Silver plating thickness. The silver plating thickness values applied to each Type I item shall represent a minimum average thickness of 126 microinches.

Adhesion. The silver plating shall show no evidence of blistering.

Welding or soldering. Argon welding or soldering may be used at the manufacturers' option. When used, hard silver solder shall be used except that soft silver solder may be used where contact with insulators is indicated.

Finish. The finished items shall have a bright finish.

Marking. Each item shall be clearly and permanently marked with the manufacturer's name, trademark or tradename of such known character to be easily identifiable with said manufacturer. The surface opposite the markings shall show no signs of penetration.

Workmanship. Finished items shall be clean, well made, and free from any defect which may affect appearance or serviceability. Except for specified cutting edges or fork tine tips, there shall be no sharp edges, burrs, rough die, tool, gouge or grind marks. The silver plating of type I items shall be smooth, fine grained, adherent, and free from visible blisters, pits, porosity, and indications of burning or excessive edge buildup. The finished items shall not be fractured, dented, bent, punctured or malformed.

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Quality assurance provisions.

First article. When specified (see notes), the supplier shall furnish samples of the items to be procured under this commercial item description (CID) for the first article inspection, testing and approval.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

First article inspection. When a first article inspection is required by the user, the visual examination and testing shall be in accordance with the following paragraph as applicable. The failure of any of the tests or examinations shall be cause for rejection of the first article.

Inspection. Sampling for inspection shall be in accordance with MIL-STD-105, Sampling Procedures and Tables for Inspection by Attributes, except where otherwise indicated.

Component and material inspection. In accordance with responsibility for inspection above, components and materials shall be inspected and tested in accordance with all referenced documents unless otherwise excluded, amended or qualified in this CID or applicable procurement document.

Process examination. Examination shall be made to establish that soldering, cementing, or argon welding are in conformance to the specified requirements.

End item inspection. The sample unit for this inspection shall be one completely finished item of tableware. The inspection lot shall be all items of one type and configuration offered for delivery at one time.

Visual examination. Examination shall be made of the items for defects in table I. The inspection level shall be level II with an acceptable quality level (AQL) of 1.5 defects per hundred units for major defects and 4.0 total defects per hundred units.

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TABLE I - Classification of defects

Examine	Defects	Classification	
		Major	Minor
Finish	Any component not finished as specified	X	
	Area of rust, pits or scale	X	
	Any component surface containing embedded foreign materials	X	
	Any component surface containing cracks, burrs scratches or dents	X	
	Any component surface not clean or smooth	X	
Construction and Workmanship	Any characteristic or detail of design or construction not in accordance with specified requirements	X	
	Component missing	X	
	Burrs, sharp corners or projections which may cause injury	X	
	Any component bent, misshapen, deformed, distorted or misaligned	X	
	Welding or soldering not smooth, cracked, fractured, not fused, or missing where required	X	
	Silver plating not smooth, not fine grained and not free from blisters, porosity, indications of burning, or excessive edge build up (Type I items)	X	
	Missing, not legible, incomplete, incorrect, or not in proper location		X
Surface opposite markings show signs of penetration	X		

Testing of the end item. Sample units shall be tested in accordance with the applicable paragraphs under Testing. The sample size shall be a minimum of 3 items of tableware randomly selected from each inspection lot. Failure of any sample to pass any applicable tests specified shall be cause for rejection of the lot.

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Tests.

Thickness of silver test. Thickness of silver shall be as determined as follows for compliance with the requirements of this CID. Any silver plating thickness, when averaged, that falls below the specified limit shall be considered noncompliant.

The samples shall be measured in accordance with ASTM B 567, Measurement of Coating Thickness by the Beta Backscatter Method. The sample size shall not be less than 3 pieces. The average plate thicknesses of the samples when averaged shall not be less than 126 microinches.

Adhesion test. Samples shall be tested as follows for compliance: The samples shall be placed in an oven heated to between 275 degrees Fahrenheit and 350 degrees Fahrenheit for the time required to bring the samples to the oven temperature plus 30 minutes. The samples shall then be removed, cooled in air at room temperature, and examined at 4 diameters magnification. Any evidence of blistering shall be considered noncompliant.

Inspection for preparation and delivery. An inspection shall be made to determine whether the packaging, packing, and marking comply with the requirements of the contract or purchase order. Examination for defects shall be in accordance with Table II. For examination of interior packaging, the sample unit shall be one shipping container fully prepared for delivery. Sampling shall be in accordance with MIL-STD-105. The lot size shall be the number of shipping containers in the end item inspection lot. The inspection level shall be S-2 with an AQL of 4.0 defects per hundred units.

Table II	
Preparation for delivery defects.	
<u>Examine</u>	<u>Defects</u>
Markings	Omitted; incorrect; illegible; improper size, location, sequence, or method of application.
Material	Any component missing, damaged, or not conforming to applicable requirements stated herein.
Workmanship	Inadequate application of components such as incomplete closure of container flaps, loose strapping, or distortion of container.
Contents	Quantity of container is more or less than required. Gross weight exceeds requirements of the box specification.

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Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Governments policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials.

Preservation, packaging, packing, labeling and marking (Civil Agencies). The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

Packaging (DoD). The packaging shall be in accordance with ASTM Standard D3951.

Notes. Purchaser should specify the following:

- 1) Type I or Type II
- 2) Item
- 3) If first article is required
- 4) Preparation for delivery

All dimensions on figures 1 through 14 are in inches.

Applications for copies of American Society for Testing and Materials (ASTM) Standards should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

Copies of military standards may be obtained from the Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120.

MILITARY INTERESTS:

PREPARING ACTIVITY:

Military Coordinating Activity:

GSA - FSS

Army - GL

Custodians

Army - GL  
 Navy - SA  
 Air Force - 99

Review Activities

Army - MD, TS  
 Navy - MS  
 Air Force - 84

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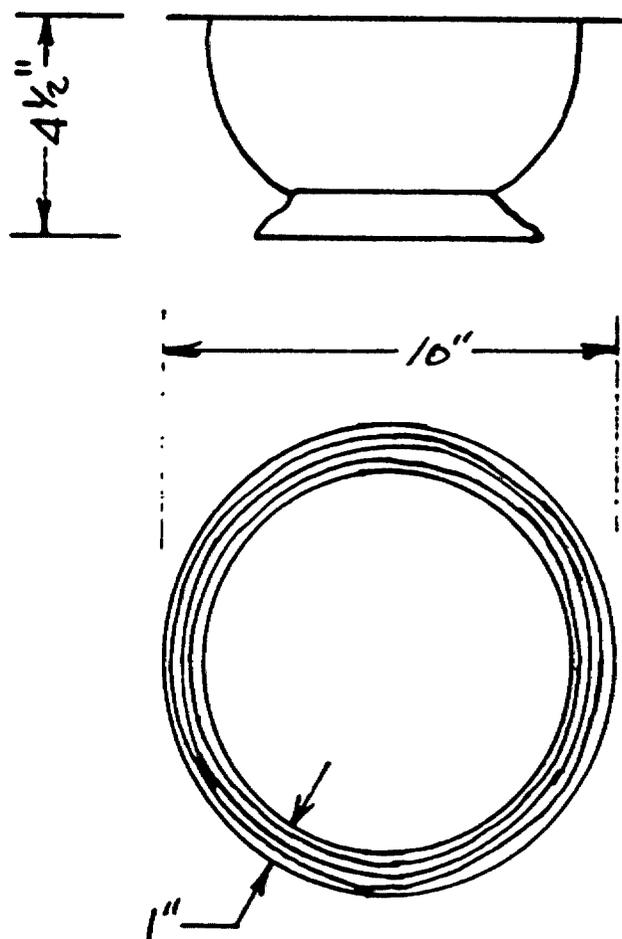


FIGURE 1 - Bowl, Food Serving

Minimum wall thickness = 0.8 mm

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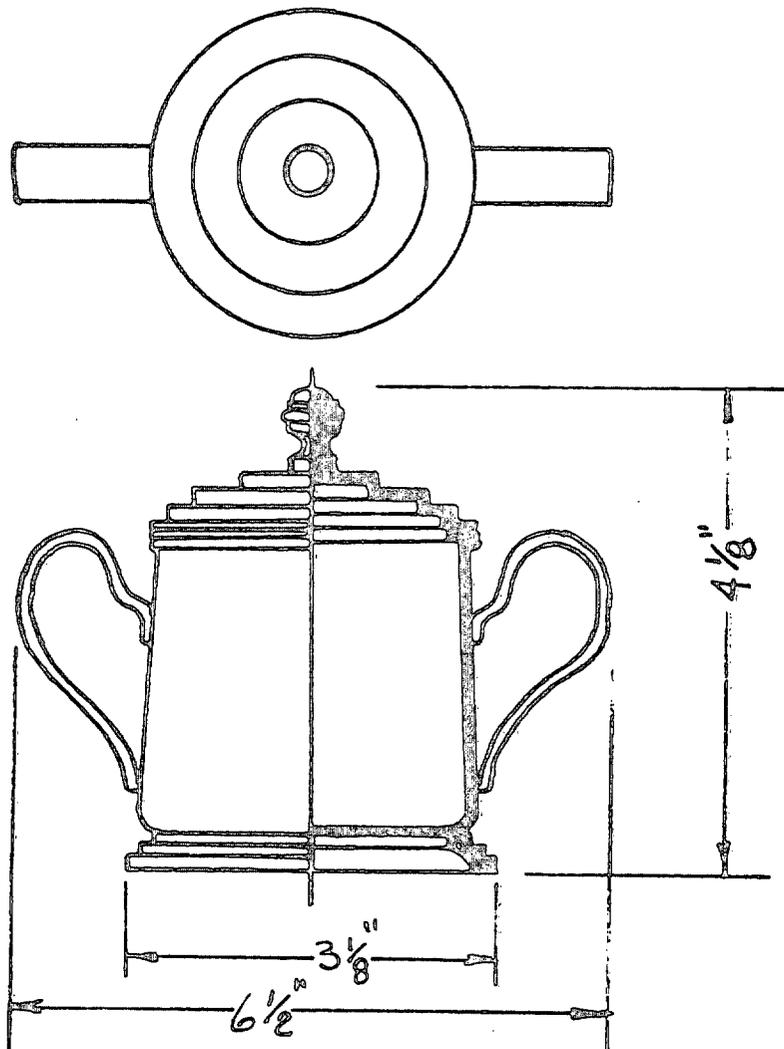


FIGURE 2 - Bowl, Sugar, 8 to 12 ounce

Minimum wall thickness = 1.0 mm

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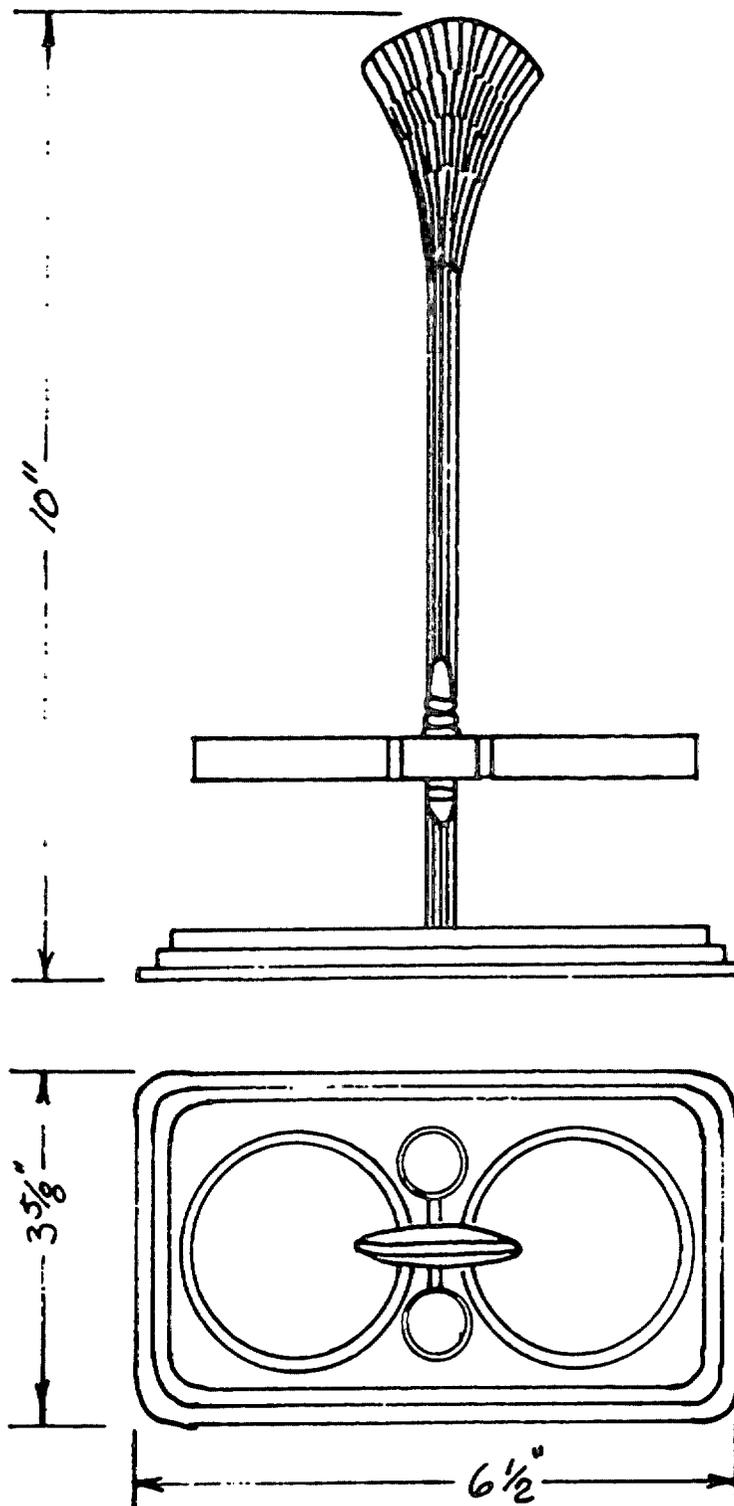


FIGURE 3 - Holder, Oil and Vinegar Cruets

Minimum wall thickness = 0.8 mm

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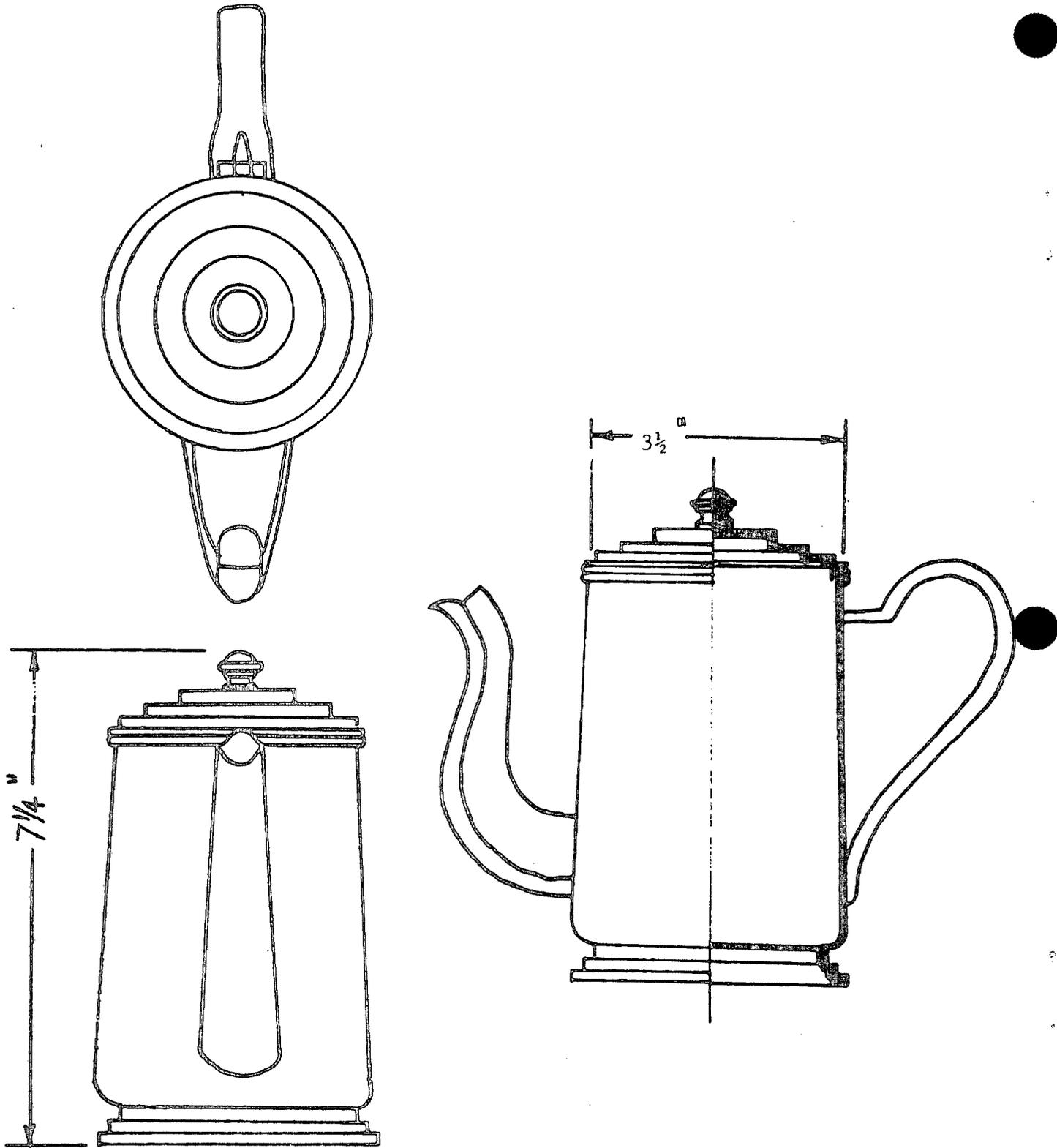


FIGURE 4 - Coffee Pot, Serving, 32-ounce  
Minimum wall thickness = 1.0 mm

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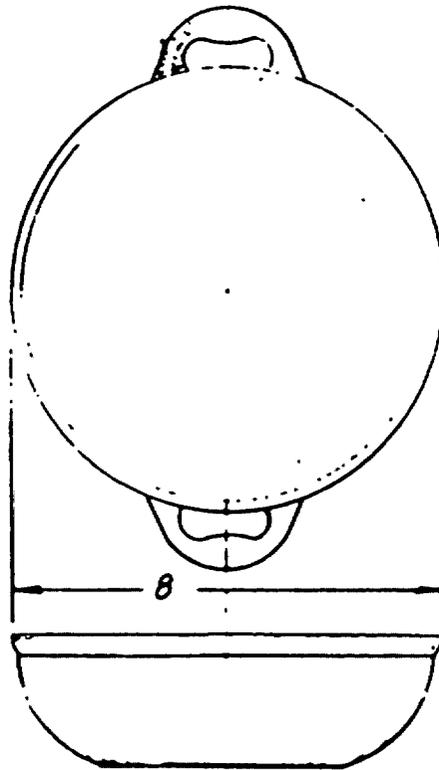


FIGURE 5 - Dish, Food Serving, 8-inch Diameter

Minimum wall thickness = 0.9 mm

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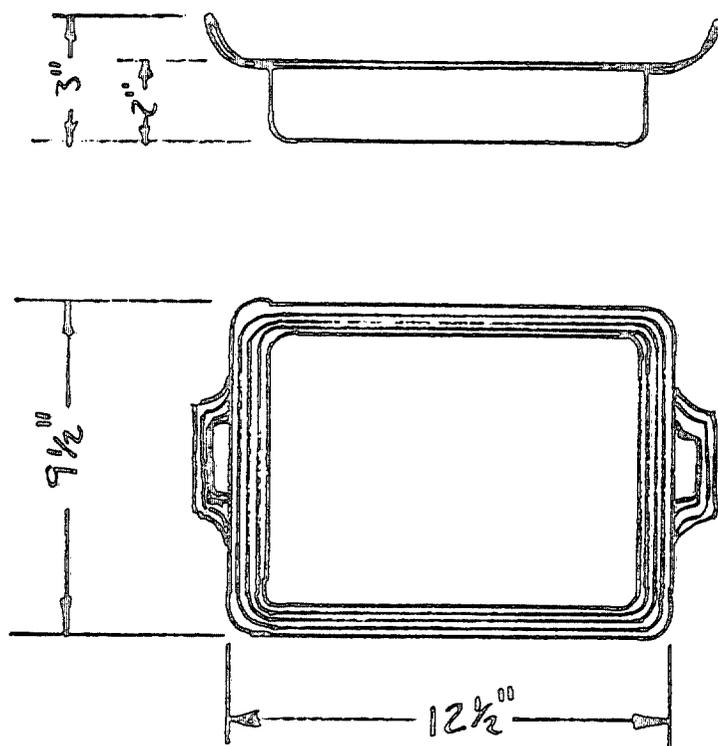


FIGURE 6 - Dish, Food Serving, Rectangular  
Minimum wall thickness = 1.2 mm

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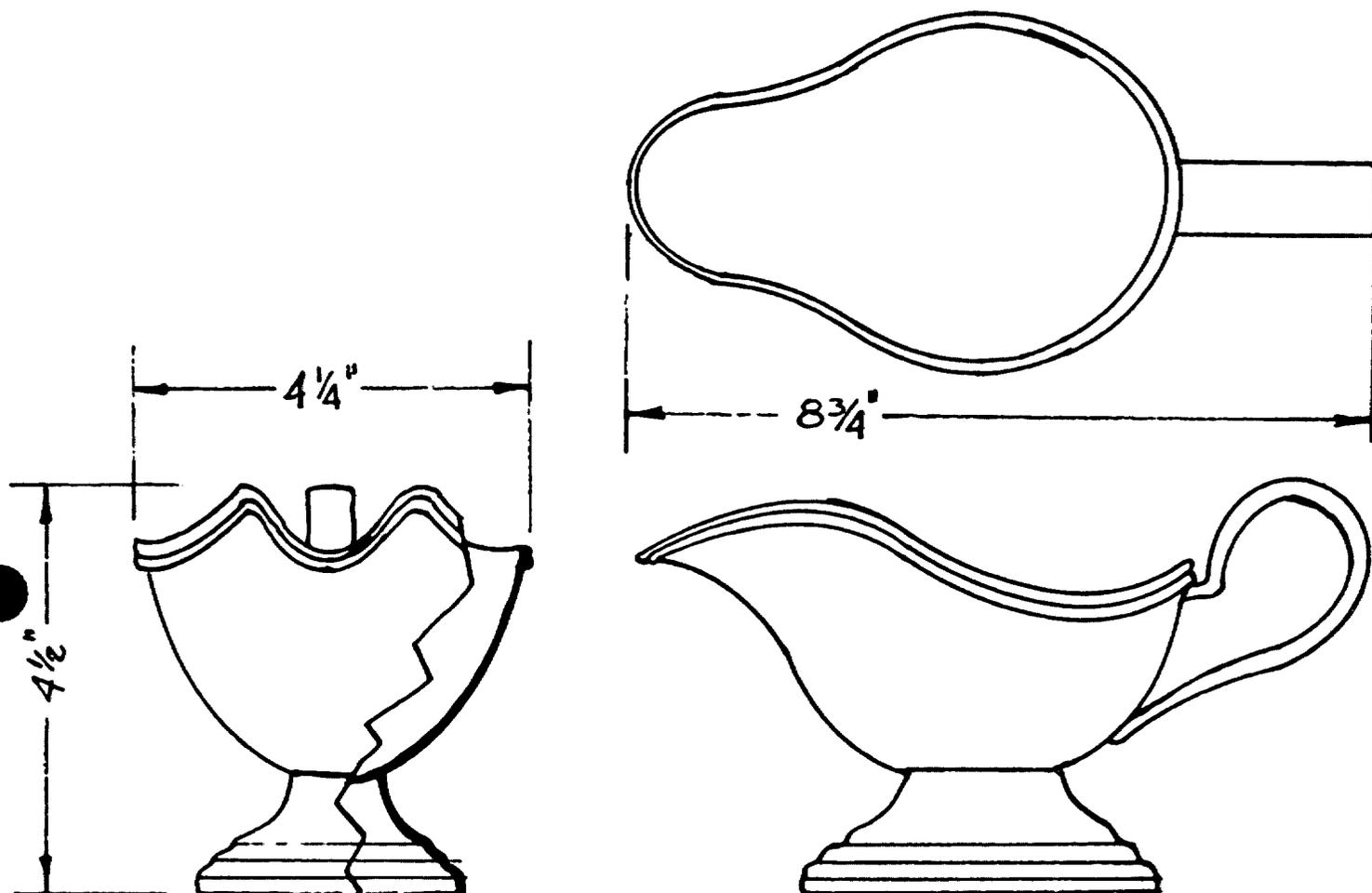


FIGURE 7 - Gravy Boat

Minimum wall thickness = 1.1 mm

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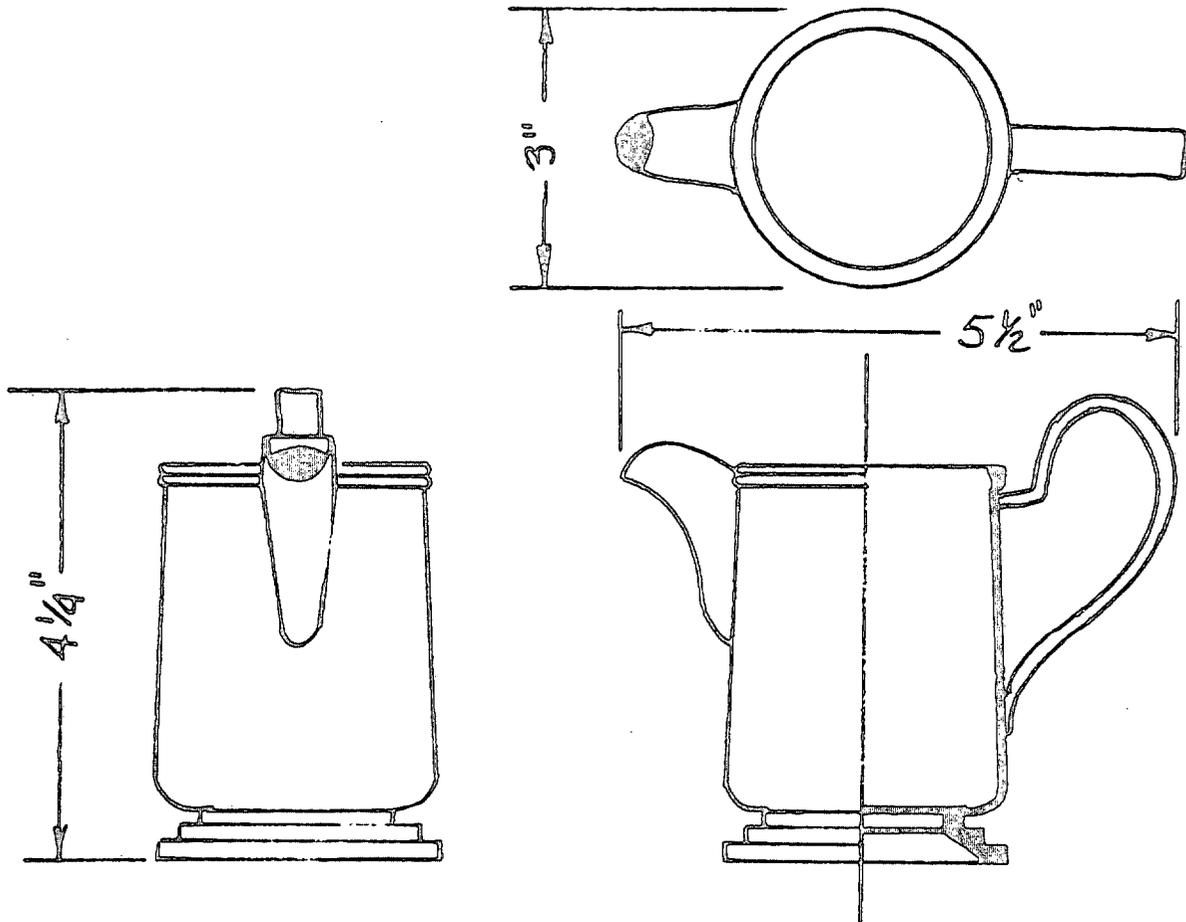


FIGURE 8 - Pitcher, Cream or Syrup, 8-ounce

Minimum wall thickness = 0.8 mm

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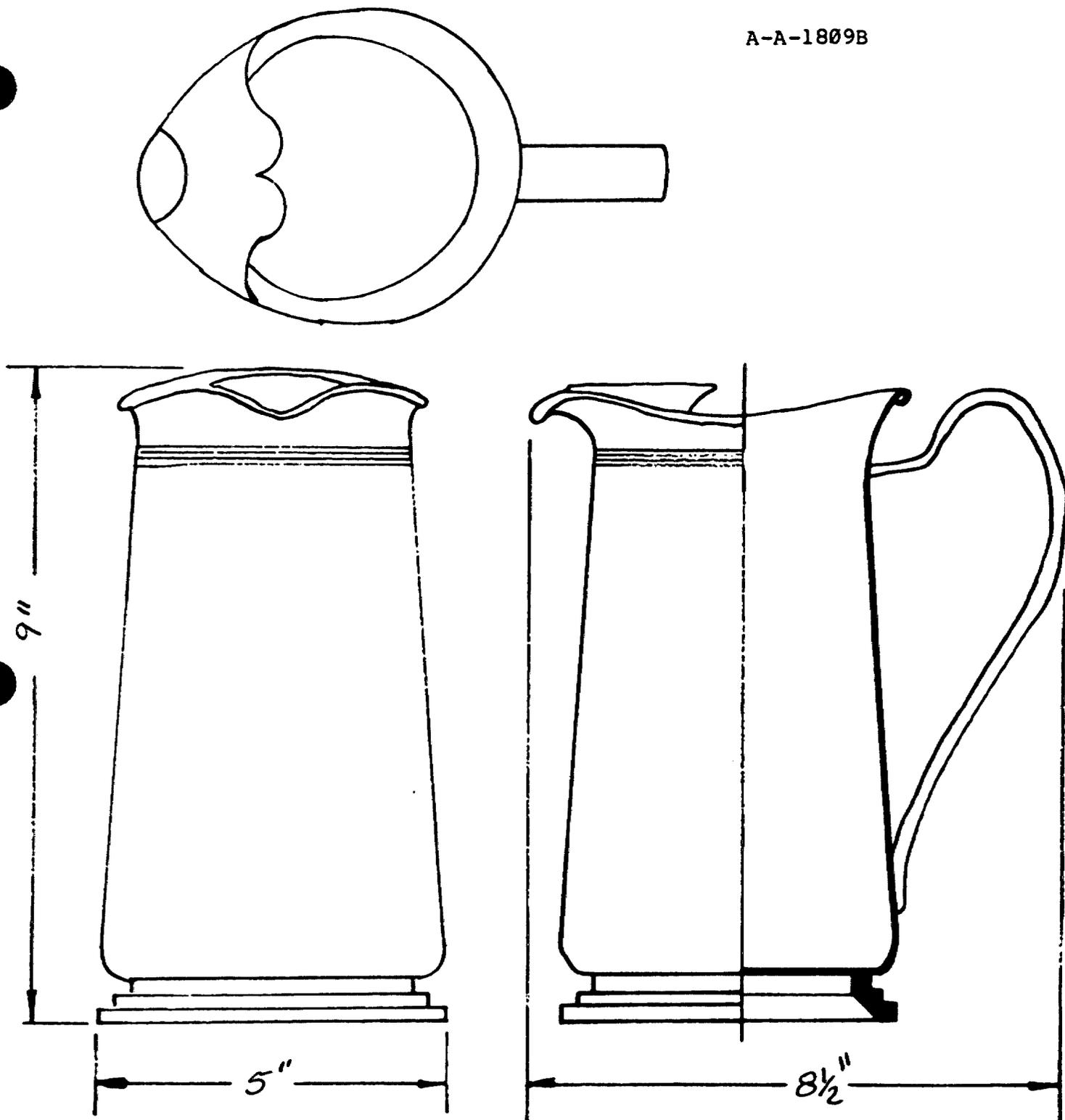


FIGURE 9 - Pitcher, Water, 64-ounce

Minimum wall thickness = 1.0 mm

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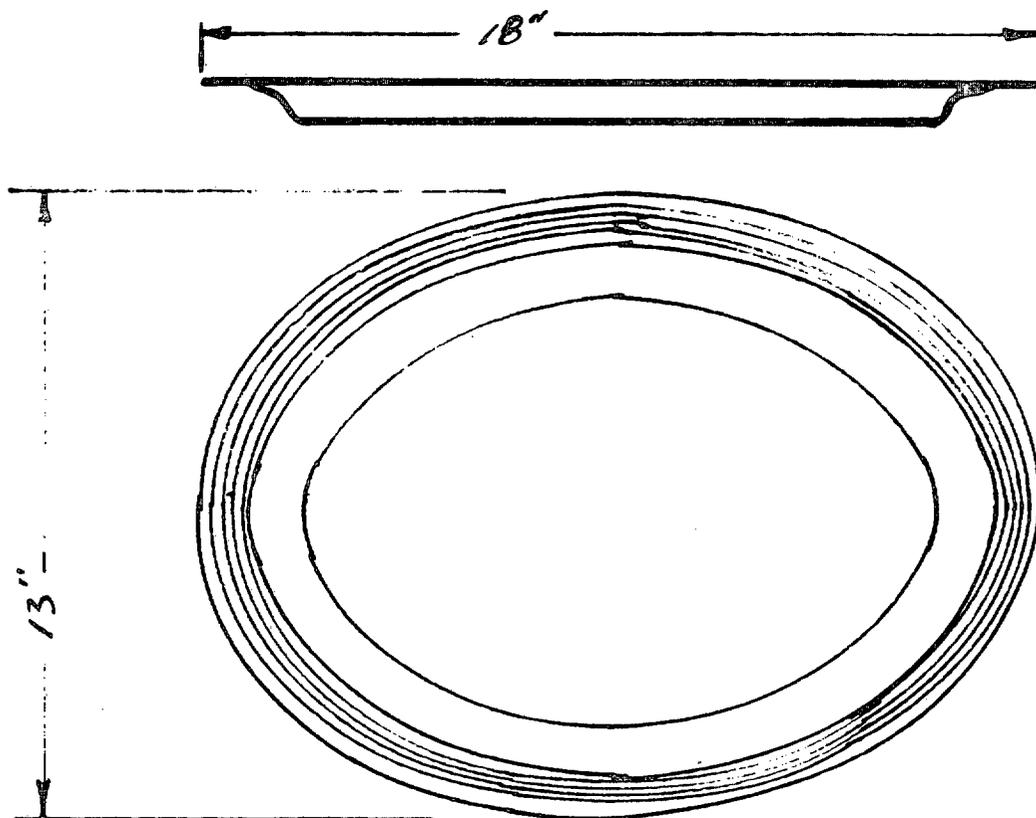


FIGURE 10 - Platter, Food Serving

Minimum wall thickness = 1.3 mm

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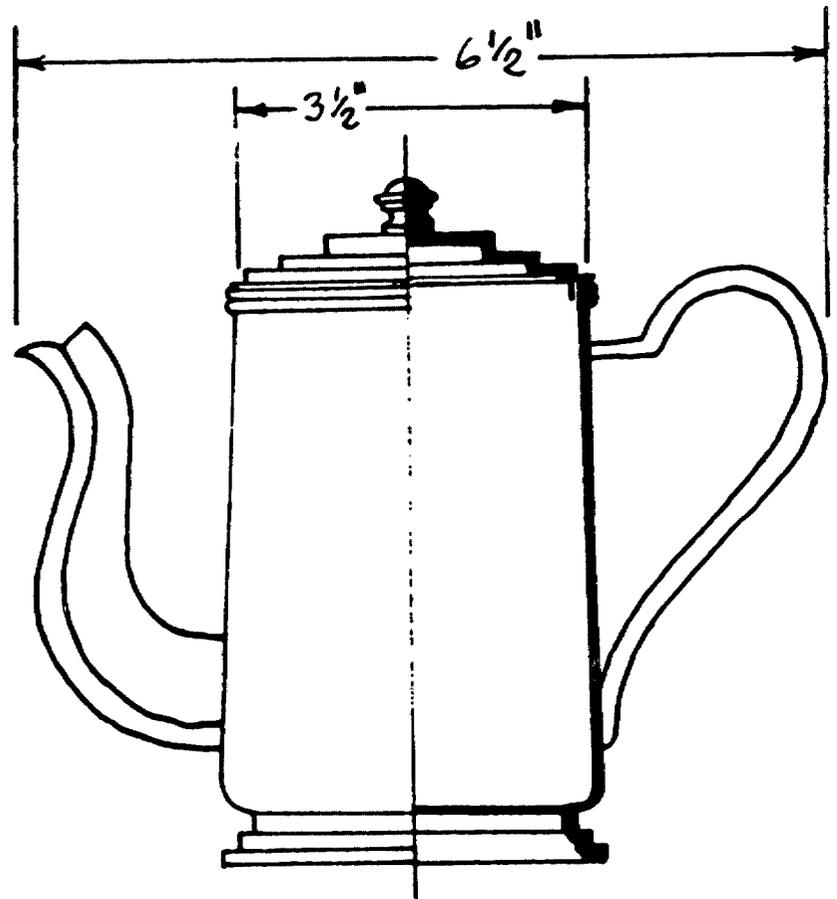
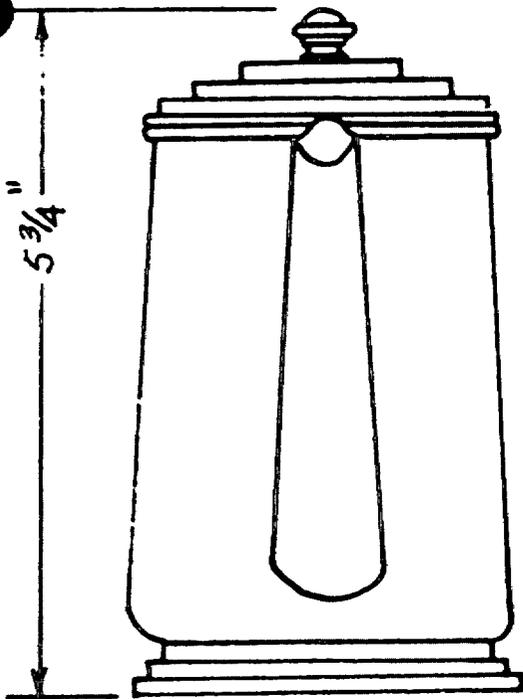
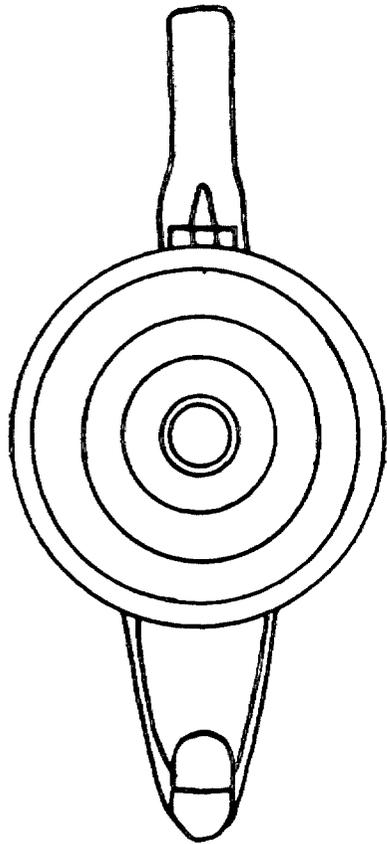


FIGURE 11 - Teapot, Serving, 13 to 20 ounce

Minimum wall thickness = 0.8 mm

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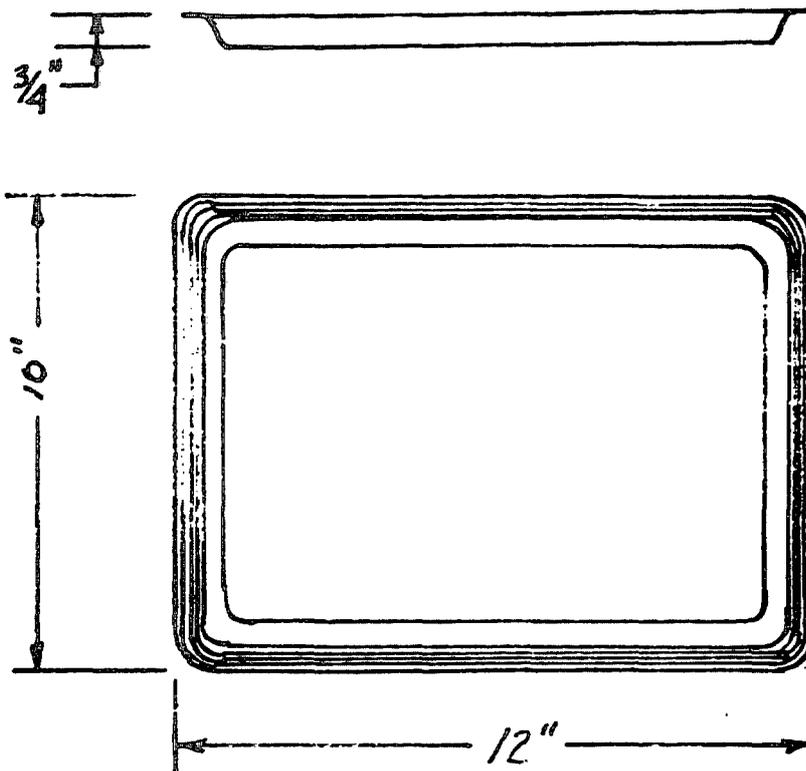


FIGURE 12 - Tray, Service, 12 inch

Minimum wall thickness = 1.3 mm

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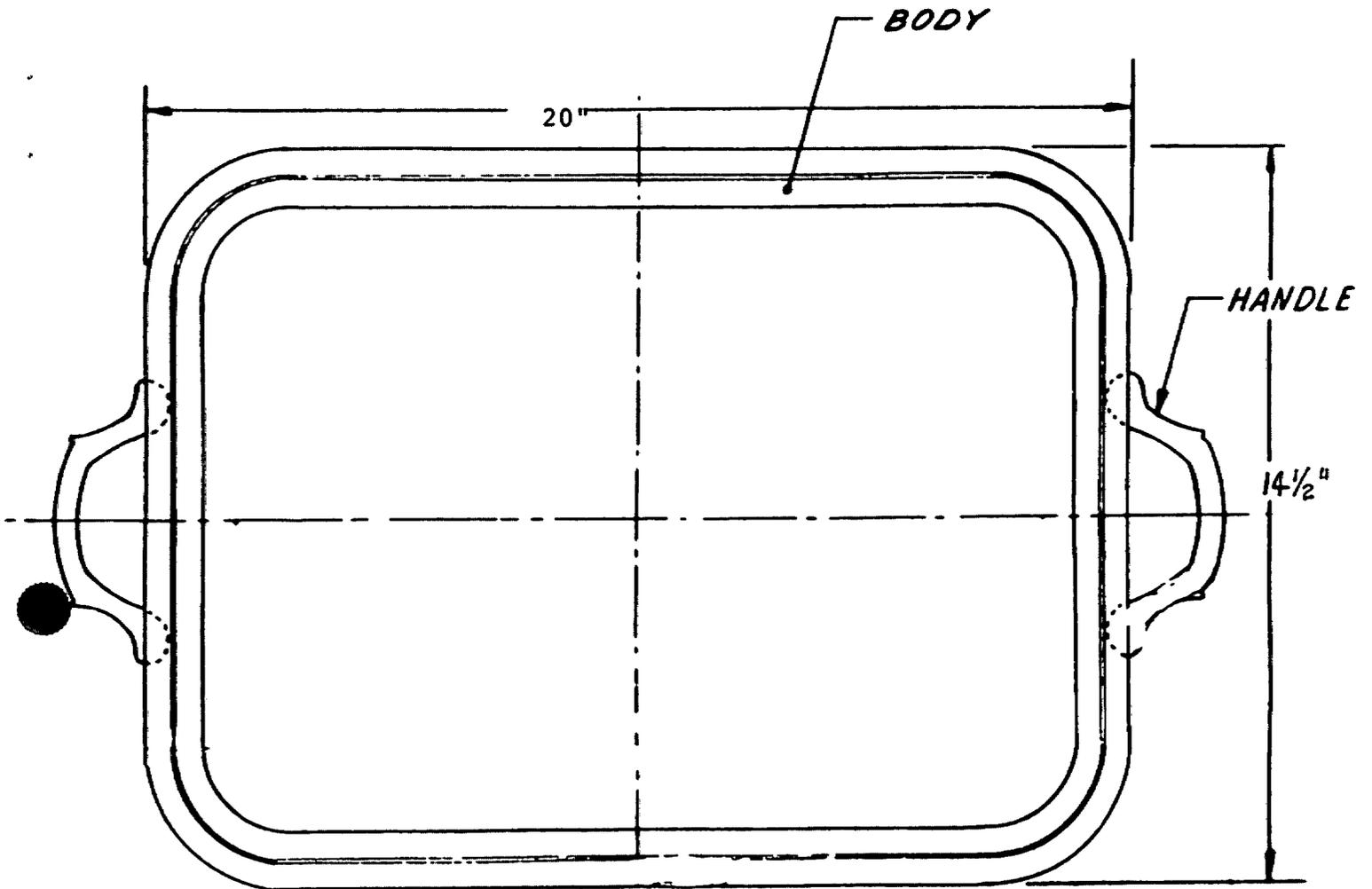


FIGURE 13 - Tray, Service, 20 inch

Minimum wall thickness = 1.3 mm

Depth = 3/4 inch

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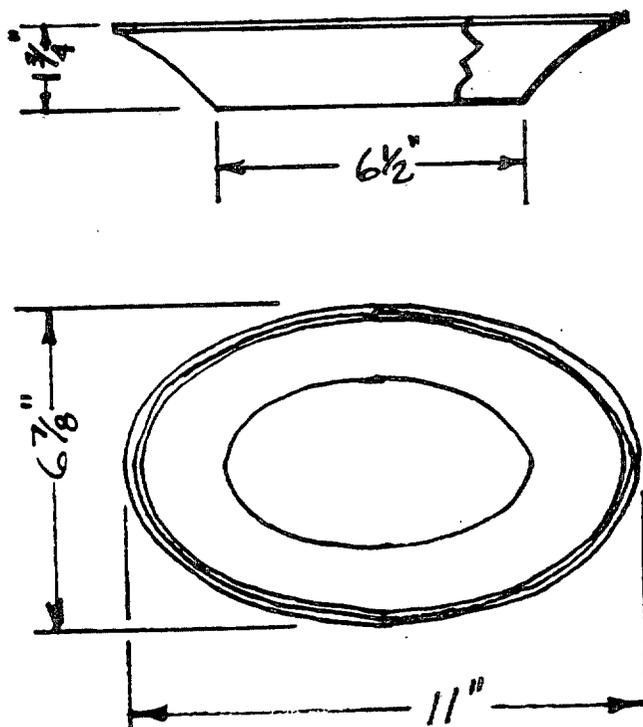


FIGURE 14 - Tray, Bread

Minimum wall thickness = 1.0 mm