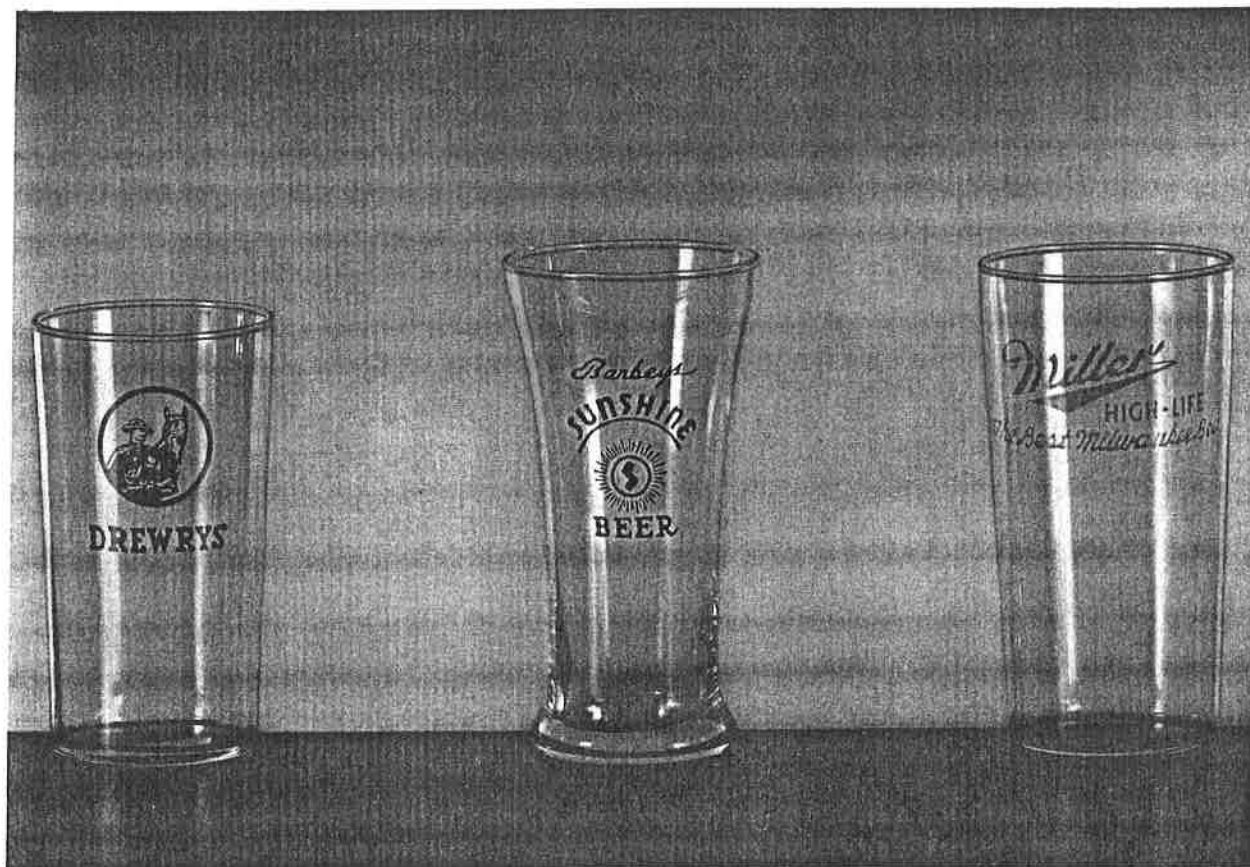


BREWERS' CRESTS



D-53 10 oz.
Shell

D-10012 8 oz.
Pilsener

D-51 12 oz.
Shell

The brewers' crests illustrated on this page are typical examples of the effort the brewing industry is making to identify advertised brands right up to the moment of consumption. The merchandising of valuable advertising could hardly be accomplished more effectively than by the use of the brewer's personal crest on service glasses.

Genuine Libbey Safedge glasses with the brewer's own crest fired permanently into the glass in clear, eye-appealing color offer a sales aid your product needs. Clear thin-blown Libbey glasses are welcome on any bar, for barmen particularly appreciate the Libbey guarantee to replace a glass which chips on the rim from any cause whatsoever.

PREMIUM
TUMBLERS

BEVERAGE GLASSES

PREMIUM
TUMBLERS



D-53 10 oz.
Tumbler

D-51 12 oz.
Tumbler

D-53 10 oz.
Tumbler

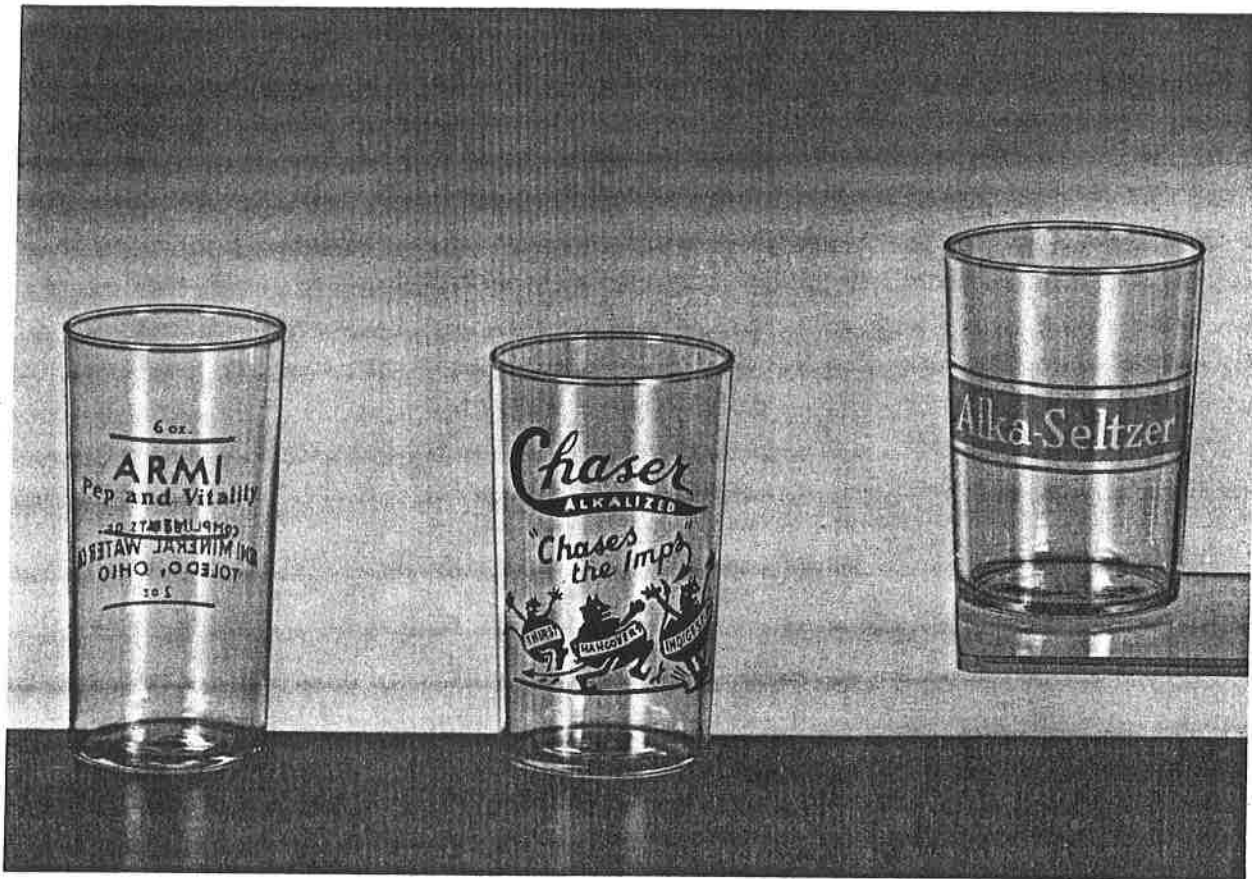
D-921 7 1/2 oz.
Tumbler

D-418 7 oz.
Tumbler

Beverage manufacturers were among the first to take advantage of the advertising value offered in genuine Libbey Safedge tumblers, crested and decorated in colors. Tumblers as premiums, are always accepted eagerly by the retailer and are doubly effective in stimulating sales when they carry an advertising message in brilliant color. The combination of an ideal premium with effective point-of-sale merchandising is a sales opportunity beverage producers are taking advantage of with Libbey Safedge tumblers.

Owens-Illinois sales offices have tested premium plans available for beverage producers. Just as applied color labels have boosted bottle sales of beverages, the use of crests and advertising in color on guaranteed Libbey Safedge glasses distributed as premiums should form the final link in your sales effort.

PRESCRIPTION PREMIUMS



D-44 8½ oz.
Shell

D-81 9¾ oz.
Shell

D-50 9 oz.
Shell

Libbey Safedge glasses as prescription premiums are ideally adapted for use with any product in dispensaries, doctors' and dentists' offices and hospitals. No premium could be better suited to introduce a new prescription product or to insure the steady sale of an established product.

Identifying your product by means of a decorative, colorful crest on these lustrous thin-blown tumblers is a sure means of boosting sales at the point of consumption.

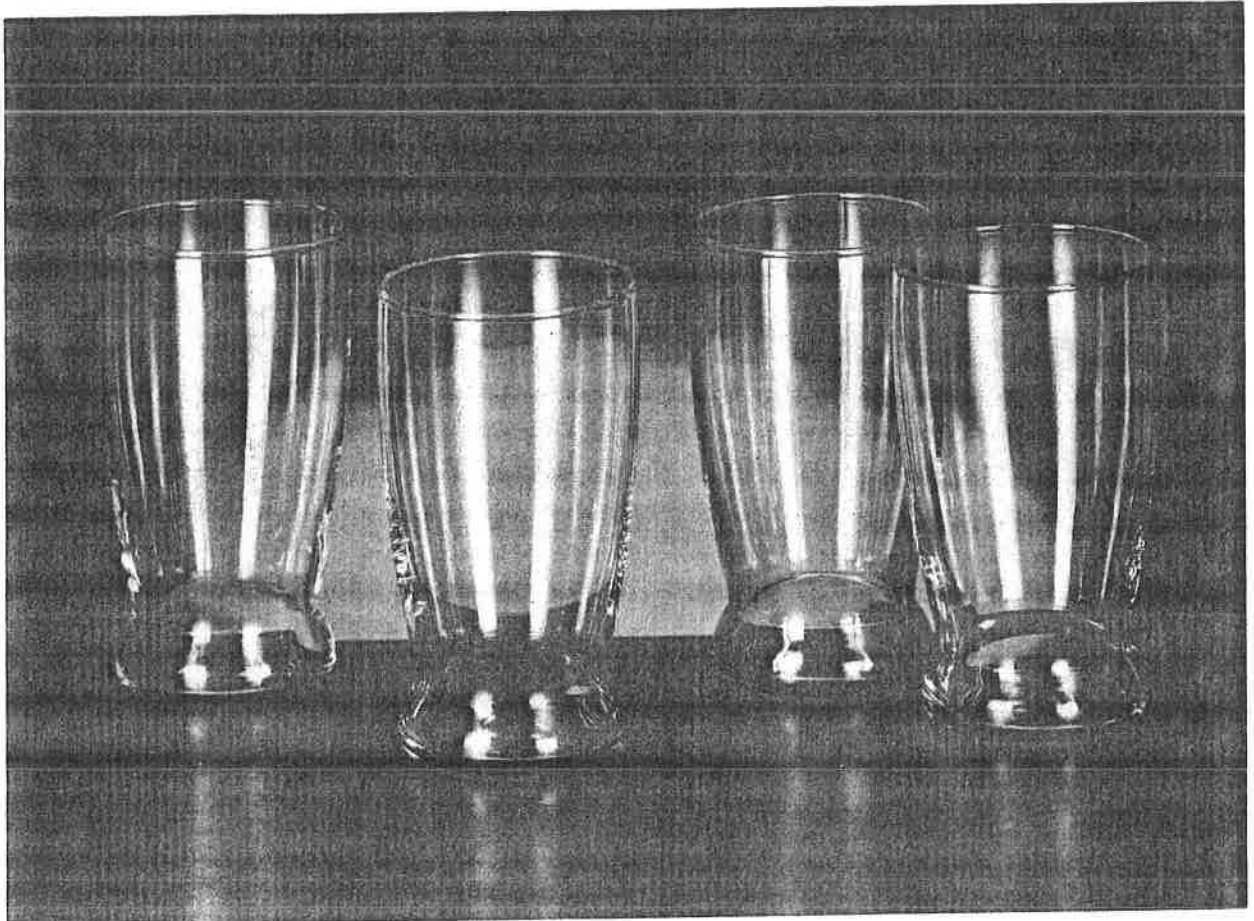
Owens-Illinois is prepared to design all types of crests, including those which measure capacity or dosage—for all standard size glasses.

The economy and beauty of guaranteed Safedge ware is a further assurance of your product receiving consideration at the dispensing point. Associate your product with a perfect sales aid.

5780 LINE

P
R
E
M
I
U
M

T
U
M
B
L
E
R
S



Studios research and careful application of design made the graceful lines of this new Genuine Libbey Safedge Tumbler possible. Its pleasing contours adequately accent the modern trend that Owens-Illinois constantly follows for package appeal. Available as practical salespackages for foods, they also increase sales when offered as premiums with any product.

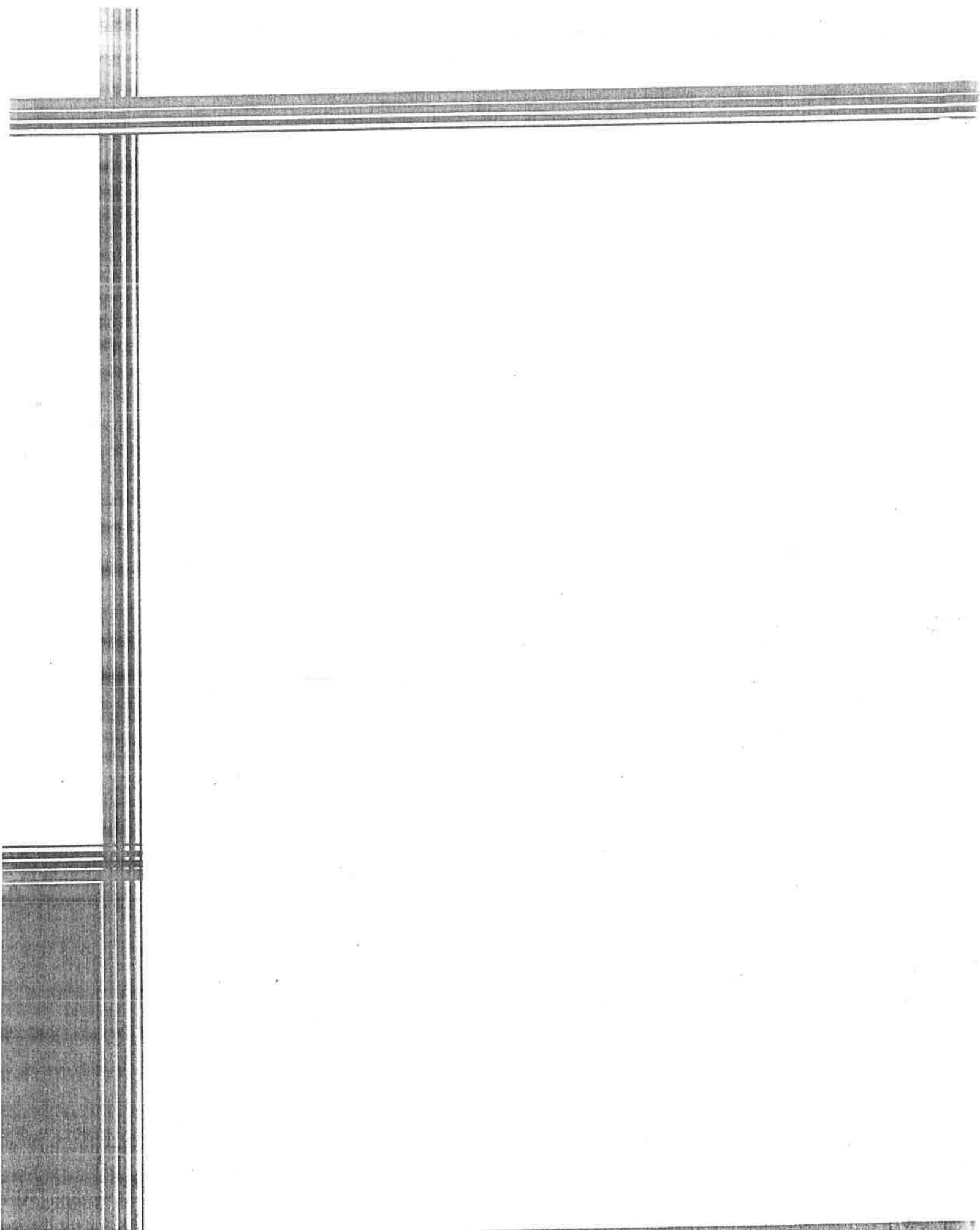
Unite the artistry of this tumbler design and Safedge feature with the appealing effect obtained by Applied Color and you have a salesbuilder that will prompt consumer acceptance of your product. Ask Owens-Illinois for appropriate sales plans that will fit in with your advertising and merchandising program.

INDEX BY TUMBLER NUMBERS

INDEX BY TUMBLER CAPACITY

<u>No.</u>	<u>Capacity</u>	<u>Page</u>	<u>Capacity</u>	<u>No.</u>	<u>Page</u>
5520	9	T-4, T-8	Special	5740	T-8
5522	5	T-4	4	5531	T-4
5523	12	T-3	4	5536	T-4
5525	14	T-3	4	5565	T-6
5526	12	T-3	5	D-371	T-10
5527	6	T-4	5	5522	T-4
5528	8	T-4	5	5543	T-5
5529	10	T-3, T-8	5	5566	T-6
5530	8	T-4	6	5527	T-4
5531	4	T-4	6	5545	T-5
5532	9	T-3	7	5533	T-4
5533	7	T-4	7	5570	T-6
5534	18	T-3	8	5528	T-4
5536	4	T-4	8	5530	T-4
5537	9	T-4	8	5546	T-5
5538	18	T-3	8	5567	T-6
5539	16	T-3	8	5571	T-6
5540	12	T-5	8	5701	T-7
5541	9	T-5	9	D-372	T-10
5542	10	T-5	9	5520	T-4, T-8
5543	5	T-5	9	5532	T-3
5545	6	T-5	9	5537	T-4
5546	8	T-5	9	5541	T-5
5565	4	T-6	9	5600	T-9
5566	5	T-6	10	D-373	T-10
5567	8	T-6	10	5529	T-3, T-8
5568	12	T-6	10	5780	T-17
5570	7	T-6	10	5542	T-5
5571	8	T-6	10	5702	T-7
5580	10	T-9	10	5580	T-9
5581	10	T-9	10	5581	T-9
5600	9	T-9	10	5601	T-9
5601	10	T-9	12	D-374	T-10
5700	12	T-7	12	5523	T-3
5701	8	T-7	12	5526	T-3
5702	10	T-7	12	5540	T-5
5740	Special	T-8	12	5568	T-6
5760	12	T-8	12	5700	T-7
5780	10	T-17	12	5760	T-8
D-371	5	T-10	14	5525	T-3
D-372	9	T-10	16	5539	T-3
D-373	10	T-10	18	5534	T-3
D-374	12	T-10	18	5538	T-3

Applied Color Decorations	T-1, T-2
Beverage Glasses	T-15
Brewers Crests	T-13, T-14
Marmalade Jar	T-8
Mickey Mouse Tumblers	T-11
Milk Container	T-8
Needle Etching	T-8
Prescription Premiums	T-16
Sixteen Piece Tumbler and Coaster Set	T-12



OWENS - ILLINOIS GLASS COMPANY

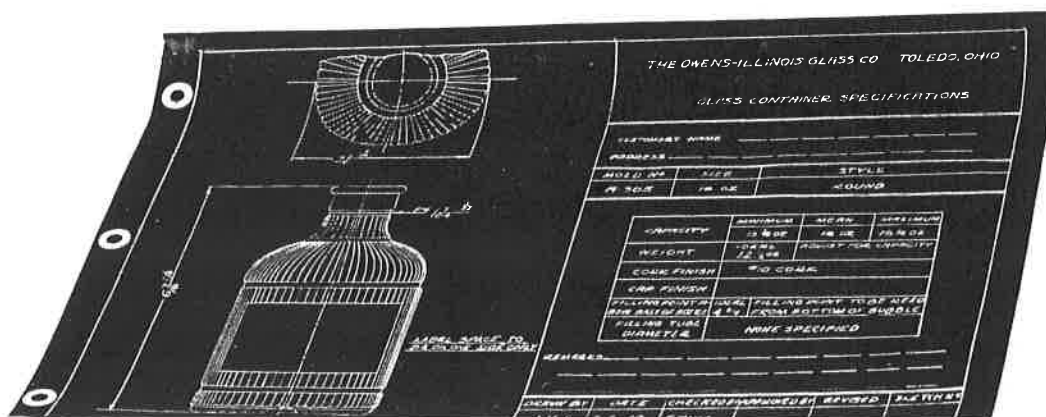
Standard Tolerances Govern Owens-Illinois Containers

THE question of tolerance is one which vitally concerns users of glass as well as container producers and makers of closure and process equipment. After a labor of years, we, in conjunction with the Standardization Committee of the Glass Container Association, have set up a Scale of Tolerances. Experience has proven it to be fair to all concerned.

It is possible now to purchase containers, closures and filling, labeling and capping machinery with full assurance that production lines will move swiftly and without friction, that all elements will coordinate without loss of material or time.

With the acceptance of an order we furnish customers with a chart similar to that illustrated below. Suppliers of supplemental material and equipment are then in position to know the tolerance limits and to be governed accordingly in designing closures and machinery.

On the following page appears a complete list of Standard Capacity and Body Dimension Tolerances.



STANDARD CAPACITY TOLERANCES

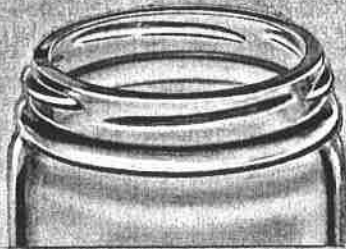
Capacity In Fluid Ounces	Maximum Variation in Capacity
$\frac{1}{2}$ Ounce and Under	Plus or Minus $\frac{1}{32}$ Fluid Ounce
Over $\frac{1}{2}$ and Including 1	Plus or Minus $\frac{3}{64}$ Fluid Ounce
Over 1 and Including 2	Plus or Minus $\frac{1}{16}$ Fluid Ounce
Over 2 and Including 4	Plus or Minus $\frac{3}{32}$ Fluid Ounce
Over 4 and Including 8	Plus or Minus $\frac{1}{8}$ Fluid Ounce
Over 8 and Including 14	Plus or Minus $\frac{3}{16}$ Fluid Ounce
Over 14 and Including 16	Plus or Minus $\frac{1}{4}$ Fluid Ounce
Over 16 and Including 24	Plus or Minus $\frac{5}{16}$ Fluid Ounce
Over 24 and Including 32	Plus or Minus $\frac{3}{8}$ Fluid Ounce
Over 32 and Including 64	Plus or Minus $\frac{3}{4}$ Fluid Ounce
Over 64 and Including 128	Plus or Minus 1 Fluid Ounce

STANDARD TOLERANCES FOR OUTSIDE BODY DIMENSIONS

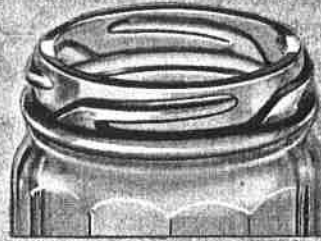
Capacity In Fluid Ounces	OUTSIDE BODY DIMENSIONS		
	Thickness Width or Diameter Plus or Minus	Neck Diameter Plus or Minus	Overall Height Plus or Minus
2 and Under	$\frac{1}{32}$ inch	$\frac{1}{64}$ inch	$\frac{1}{32}$ inch
Over 2 and Including 32	$\frac{1}{16}$ inch	$\frac{1}{32}$ inch	$\frac{1}{16}$ inch
Over 32 and including 128	$\frac{3}{32}$ inch	$\frac{1}{16}$ inch	$\frac{1}{8}$ inch

GLASS CONTAINER ASSOCIATION OF AMERICA

STANDARD GLASS FINISHES



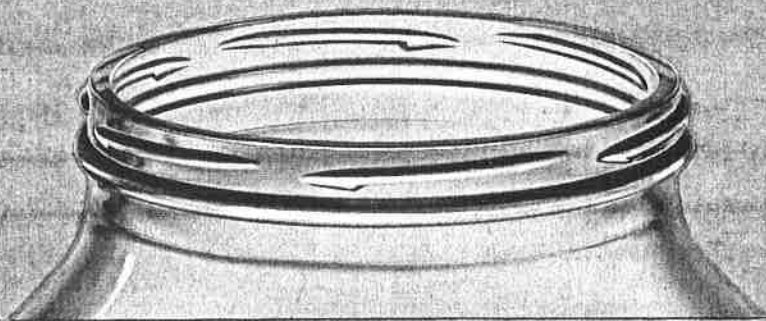
G. C. A. #100
FOUR LUG AMERSEAL



G. C. A. #125
FOUR LUG VACUUM AMERSEAL



G. C. A. #150
TWO LUG AMERSEAL



G. C. A. #175
SIX LUG AMERSEAL



G. C. A. #200
COMBINATION GOLDY,
CROWN, HANDYCAP
and SCREW CAP CONDIMENT
LARGE BEAD



G. C. A. #250
COMBINATION GOLDY,
CROWN, HANDYCAP
and FRICTION CAP CONDIMENT
LARGE BEAD



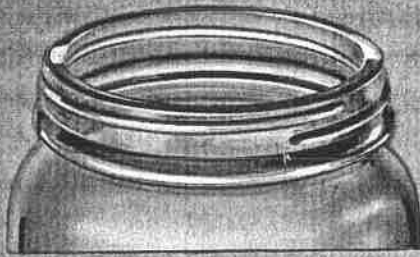
G. C. A. #300
ALL GLASS
SPRINKLER TOP

G. C. A. #225
COMBINATION GOLDY,
CROWN, HANDYCAP
and SCREW CAP CONDIMENT
SMALL BEAD

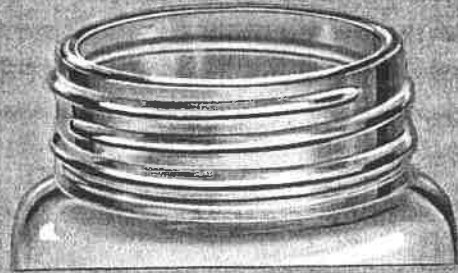
G. C. A. #275
COMBINATION GOLDY,
CROWN, HANDYCAP
and FRICTION CAP CONDIMENT
SMALL BEAD

GLASS CONTAINER ASSOCIATION OF AMERICA

STANDARD GLASS FINISHES



G. C. A. #400
SHALLOW CONTINUOUS
SCREW THREAD



G. C. A. #450
DEEP CONTINUOUS
SCREW THREAD



G. C. A. #500
MILK BOTTLE



G. C. A. #600
CROWN BEVERAGE



G. C. A. #700
LARGE CROWN



G. C. A. #800
SAVE-A-SEAL



G. C. A. #900
KODON



G. C. A. #1000
VARIABLE LEDGE CROWN
"PRIOF"

GLASS CONTAINER ASSOCIATION OF AMERICA

STANDARD GLASS FINISHES



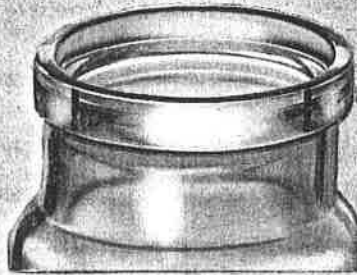
G. C. A. #1100
KORK-N-SEAL



G. C. A. #1200
PEROXIDE SCREW THREAD



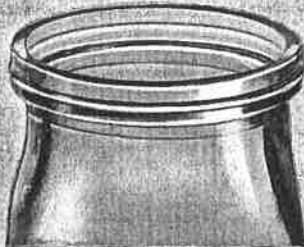
G. C. A. #1300
THREE & FOUR LUG DUPLEX



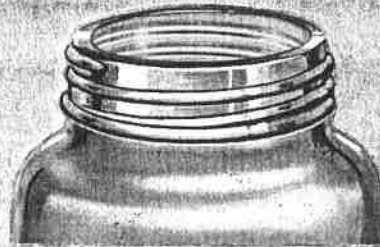
G. C. A. #1400
BAND CAP



G. C. A. #1500
ANCHOR OR FRICTION



G. C. A. #1550
ANCHOR BEAD



G. C. A. #1600
ROLL-ON

GLASS CONTAINER ASSOCIATION OF AMERICA

STANDARD GLASS FINISHES



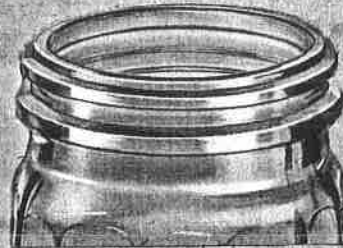
G. C. A. #1700
FRICTION PRY-OFF



G. C. A. #1800
GOLDY



G. C. A. #1900
SUPER-SEAL



G. C. A. #2000
SUPER-CROWN



G. C. A. #2100
SMALL CROWN

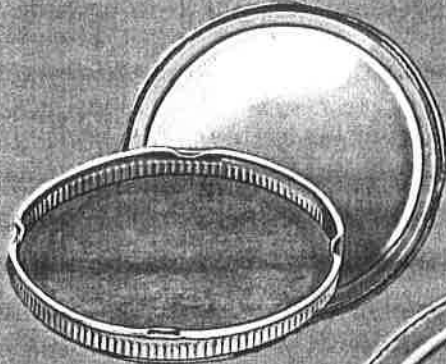


G. C. A. #2200
THREE AND FOUR LUG RESEAL

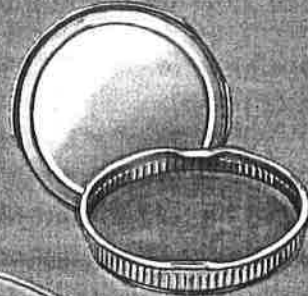


G. C. A. #2300
UPRESSIT

STANDARD SEALS AND CLOSURES



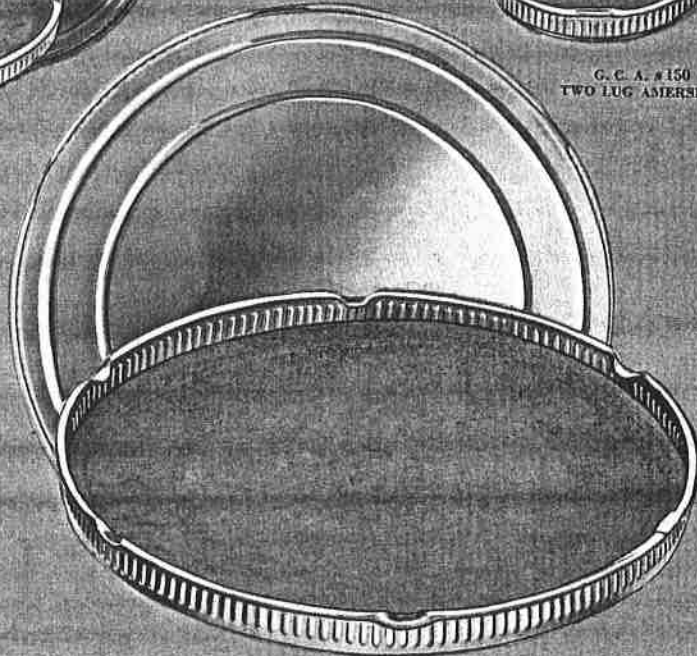
G. C. A. #100
FOUR LUG AMERSEAL
G. C. A. #125
FOUR LUG VACUUM AMERSEAL



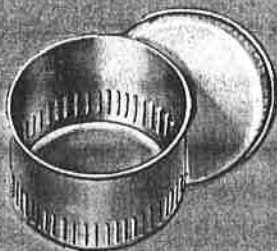
G. C. A. #150
TWO LUG AMERSEAL



G. C. A. #200 G. C. A. #225
COMBINATION GOLDY,
CROWN, HANDYCAP
and SCREW CAP
CONDIMENT
LARGE BEAD SMALL BEAD



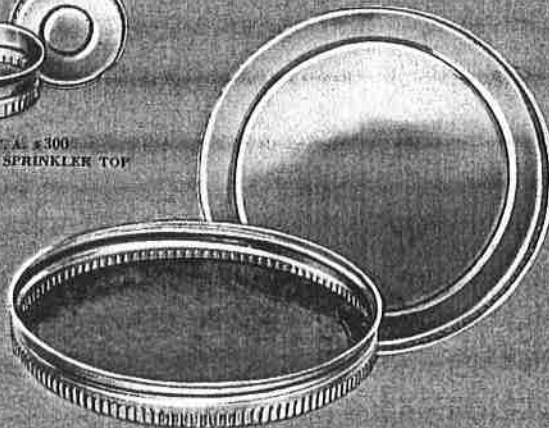
G. C. A. #175
SIX LUG AMERSEAL



G. C. A. #250 G. C. A. #275
COMBINATION GOLDY,
CROWN, HANDYCAP
and FRICTION CAP
CONDIMENT
LARGE BEAD SMALL BEAD



G. C. A. #300
ALL GLASS SPRINKLER TOP

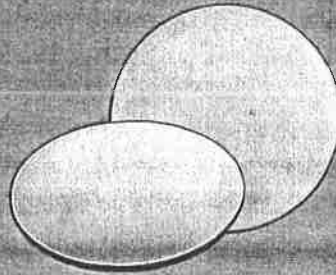


G. C. A. #400
SHALLOW
CONTINUOUS THREAD

STANDARD SEALS AND CLOSURES



G. C. A. #450
DEEP CONTINUOUS
SCREW THREAD



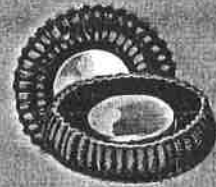
G. C. A. #500
MILK BOTTLE



G. C. A. #600
CROWN BEVERAGE



G. C. A. #800
SAVE-A-SEAL



G. C. A. #900
KODON



G. C. A. #700
LARGE CROWN

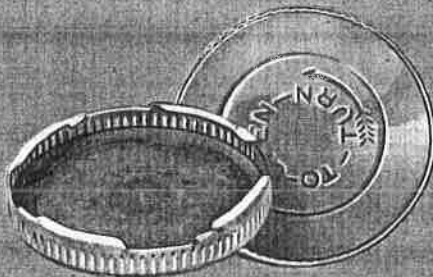
G. C. A. #1000
VARIABLE LEDGE CROWN
"PROOF"



G. C. A. #1100
KORK-N-SEAL



G. C. A. #1200
PEROXIDE SCREW THREAD



G. C. A. #1300
THREE & FOUR LUG DUPLEX



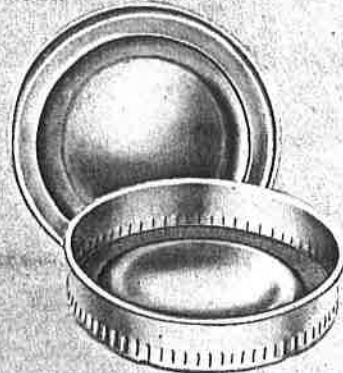
G. C. A. #1400
BAND CAP

STANDARD SEALS AND CLOSURES



G. C. A. #1500
ANCHOR OR FRICTION

G. C. A. #1550
ANCHOR HEAD



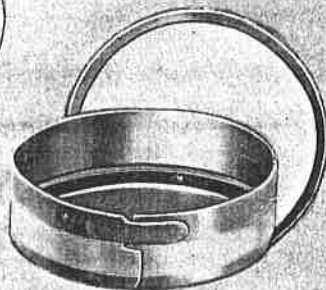
G. C. A. #1600
ROLL-ON



G. C. A. #1700
FRICTION PRY-OFF



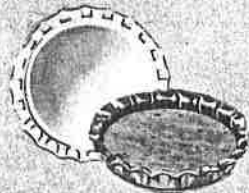
G. C. A. #1800
GOLDY



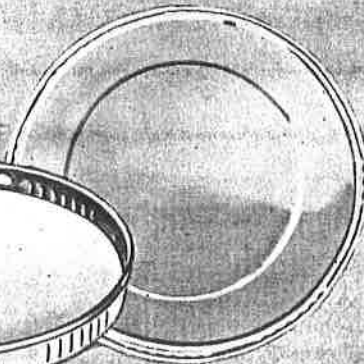
G. C. A. #1900
SUPER-SEAL



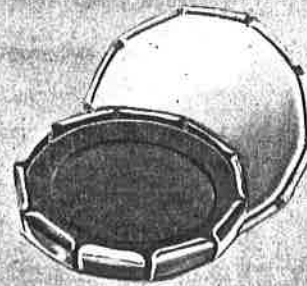
G. C. A. #2000
SUPER-CROWN



G. C. A. #2100
SMALL CROWN



G. C. A. #2200
THREE AND FOUR LUG RESEAL



G. C. A. #2300
UPRESSIT

STANDARD FINISHES

Recently Adopted by

GLASS CONTAINER ASSOCIATION OF AMERICA



G. C. A. # 410
MEDIUM CONTINUOUS
THREAD



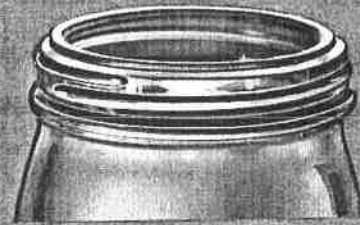
G. C. A. # 415
TALL CONTINUOUS
THREAD



G. C. A. # 2500
STRAIGHT LEDGE
PRY-OFF



C. C. A. # 2700
PHOENIX TUMBLER

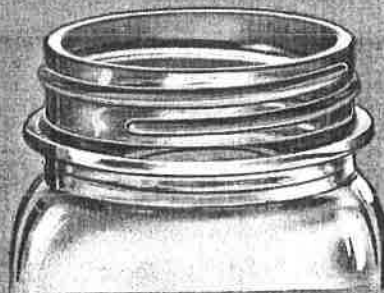


G. C. A. # 2900
EVERSEAL

STANDARD "Onlzed" FINISHES



O. I. G. # 501
DACRO CROWN



O. I. G. # 451
FLANGE STYLE



O. I. G. # 502
ALSECO

STANDARDIZED FINISH SPECIFICATIONS

Standard Finishes — Glass Container Association “OnIzed” Finishes—Owens-Illinois Glass Company

GCA or OIG	Description and Sizes	GCA or OIG	Description and Sizes
GCA-100	Four Lug Amerseal MM Sizes—48, 51, 53, 58, 63, 66, 70, 75, 79, 82, 85, 90, 96.	GCA-400	Shallow Continuous Thread MM Sizes—18, 20, 22, 24, 26, 28, 30, 33, 35, 38, 40, 43, 45, 48, 51, 53, 58, 60, 63, 66, 70, 75, 77, 83, 89, 100, 120.
OIG-102	20 MM Shallow Screw Thread	GCA-410	Medium Continuous Thread MM Sizes—18, 20, 22, 24, 28.
OIG-103	45 MM Shallow Screw Thread	OIG-411	Medium Continuous Thread MM Sizes—30, 33, 38, 43, 48, 53, 58, 60, 63, 66.
OIG-104	46 MM Shallow Screw Thread	GCA-415	Tall Continuous Thread MM Sizes—13, 15, 18, 20, 22, 24, 28.
GCA-120	Two Lug AS Amerseal MM Sizes—17, 20, 24, 27, 30, 33, 38, 43.	GCA-425	Small Shallow Continuous Thread MM Sizes—8, 10, 13, 15.
GCA-125	Four Lug Vacuum Amerseal MM Sizes—58, 63, 70.	GCA-450	Deep Continuous Screw Thread MM Sizes—B-49, C-53, D-58, E-61, F-66, G-70, H-83, I-86, J-96, K-132.
OIG-132	132 MM Deep Screw Thread	OIG-451	G-70 MM Deep Continuous Screw Thread Flange
GCA-140	Four Lug AS Amerseal MM Sizes—48, 51, 53, 58, 63, 66, 70, 75, 79, 82, 85, 90, 96.	GCA-500	Milk Bottle Sizes— $\frac{1}{4}$ Pt., $\frac{1}{2}$ Pt., Pint and Quart.
GCA-150	Two Lug Amerseal MM Sizes—17, 20, 24, 27, 30, 33, 38, 43.	OIG-501	43 MM Dacro Crown Milk Bottle
OIG-156	42 MM Shallow Screw Thread	OIG-502	53 MM Alseco Milk Bottle
GCA-160	Six Lug AS Amerseal MM Sizes—108, 120.	GCA-575	8, 12, 16 oz. Cottage Cheese Jars with $2\frac{3}{8}$ in. cap seat.
GCA-175	Six Lug Amerseal MM Sizes—108, 120.	OIG-576	8, 12, 16 oz. Cottage Cheese Jars with $2\frac{1}{4}$ in. cap seat.
GCA-200	26 MM Combination Goldy, Crown, Handycap and Screw Cap Condiment, Large Bead.	OIG-577	8, 12, 16 oz. Cottage Cheese Jars with $2\frac{11}{16}$ in. cap seat.
GCA-225	Same as GCA-200 except small bead.	GCA-600	26 MM Crown Beverage
GCA-250	26 MM Combination Goldy, Crown, Handycap and Friction Cap Condiment, Large Bead.	OIG-601	26 MM Crown Porcelain or Glass Head
GCA-275	Same as GCA-250 except small bead.	GCA-700	Large Crown MM Sizes—36, 43, 48, 58, 63, 66, 70, 73.
GCA-300	All Glass Sprinkler Top, using standard prints. MM Sizes 10 to 24.		

(Continued on following page)

GCA or OIG	Description and Sizes	GCA or OIG	Description and Sizes
GCA-800	Save-A-Seal MM Sizes—26, 31, 40, 45, 58.	GCA-1700	Friction Pry-Off MM Sizes—27, 38, 43, 45, 48, 53, 55, 58, 60, 63, 66, 68, 70, 73, 75, 77, 80, 83, 86, 90, 96, 107, 114, 125, 147.
GCA-900	Kodon—No. 2-24	GCA-1800	HS Goldy MM Sizes—36, 42, 45, 48, 54.
GCA-1000	Variable Ledge Crown "Priof" MM Sizes—36, 43, 45, 57, 63, 66, 69.	GCA-1850	H Goldy MM Sizes—48, 54, 58, 60, 63, 66, 68, 70, 72, 75, 83, 92.
GCA-1050	26 MM Variable Ledge Crown "Priof"	GCA-1875	18 MM Small Goldy
GCA-1100	Kork-N-Seal—No. 0-18, 1-26, 1A-31, 2-35, 3-45.	GCA-1900	Super-Seal MM Sizes—40, 45, 58, 63.
GCA-1200	20 MM Peroxide Screw Thread	GCA-2000	Super-Crown MM Sizes—33, 40, 45, 48, 53, 58, 63, 66, 70, 73, 75, 80.
GCA-1300	Three and Four Lug Duplex MM Sizes—20, 24, 27, 30, 35, 39, 43, 47, 50, 52, 55, 58, 63, 65, 71, 74, 81.	GCA-2100	20 MM Small Crown
GCA-1400	Band Cap MM Sizes—38, 43, 48, 53, 58, 63, 66, 70, 75, 79, 83, 90, 98, 114, 120, 125, 133, 145, 155.	GCA-2200	Three Lug Reseal MM Sizes—30, 33, 38. Four Lug Reseal MM Sizes—43, 48, 51, 53, 58, 63, 66, 70, 75, 79, 98.
GCA-1500	Anchor or Friction Finish for Pressed Tumblers MM Sizes—27, 38, 43, 45, 48, 53, 55, 58, 60, 63, 66, 68, 70, 73, 75, 77, 80, 83, 86, 90, 96, 107, 114, 125, 147.	GCA-2300	Upressit MM Sizes—26, 35, 40, 45, 50, 55, 65, 73, 93, 107, 160.
GCA-1525	Anchor or Friction Finish for Jars only MM Sizes—27, 38, 43, 45, 48, 53, 55, 58, 60, 63, 66, 68, 70, 73, 75, 77, 80, 83, 86, 90, 96, 107, 114, 125, 135, 147.	GCA-2400	26 MM Non-pressure Crown or Goldy
GCA-1550	Anchor Bead MM Sizes—27, 38, 43, 45, 48, 53, 55, 58, 60, 63, 66, 68, 70, 73, 75, 77, 80, 83, 86, 90, 96, 107, 114, 125, 135, 147.	GCA-2500	Straight Ledge Pry-Off MM Sizes—26, 36, 43, 48, 58, 63, 66, 70, 73.
GCA-1575	Anchor or Friction Special Finish for Jars only MM Sizes—27, 38, 43, 45, 48, 53, 55, 58, 60, 63, 66, 68, 70, 73, 75, 77, 80, 83, 86, 90, 96, 107, 114, 125, 135, 147.	GCA-2700	Phoenix Tumbler Finish MM Sizes—38, 48, 53, 58, 63, 66, 70, 75.
GCA-1600	Roll-on MM Sizes—18, 20, 22, 24, 28, 30, 33, 35, 38, 43, 45, 48, 51, 53, 58, 63, 66, 70, 75, 83.	GCA-2900	Everseal MM Sizes—35, 38, 40, 43, 45, 48, 51, 53, 58, 60, 63, 66, 70, 75, 77, 83, 89, 100, 120.
		GCA-3000	30 MM Frankfort Style Finish
		GCA-3100	26 MM Darling Crown
		GCA-3125	Large Darling Crown MM Sizes—36, 48, 58, 63, 70, 86.

