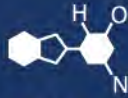


# IF YOU...



MIX IT. FILL IT. PACK IT. SHIP IT.

# WE HAVE A **PRODUCT** FOR YOU

Part #: 67WD29

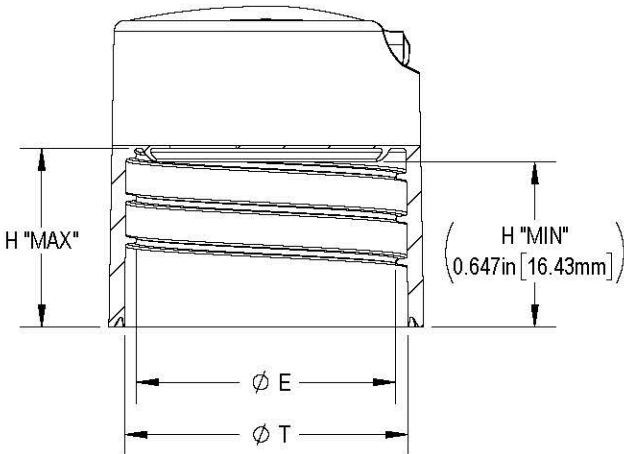
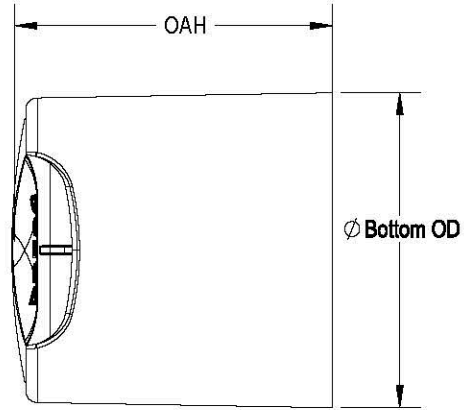
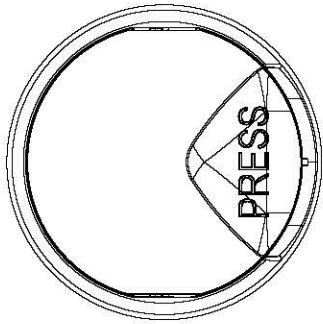
Disc Top Caps

28mm 28-410 Natural Smooth Disc Top Cap,  
Unlined, .325"x.165" Orifice, Valve Seal



The  
**CARY**COMPANY  
Est. 1895

1195 W. Fullerton Ave. | Addison, IL 60101 | T: 630.629.6600 | F: 630.629.3690



**THREAD DETAIL INFORMATION:**  
6 THREADS PER INCH, 0.167 PITCH  
CONTINUOUS THREAD TO THE UNDERSIDE OF DECK

REFERENCE	DIMENSION	TOLERANCE	UNITS
E	1.014 [25.76]	±0.007 [0.18]	in [mm]
T	1.108 [28.14]	±0.007 [0.18]	in [mm]
H "MAX"	0.699 [17.75]	±0.015 [0.38]	in [mm]
BOTTOM OD	1.232 [31.29]	±0.015 [0.38]	in [mm]
OAH	1.255 [31.88]	±0.015 [0.38]	in [mm]
PART WEIGHT	6.2	± 0.3	g
OPENING FORCE	5.0	± 3.0	lbf

STATIC TORQUE RECOMMENDATION  
12-21 in-lbs  
THIS REQUIREMENT MAY VARY DEPENDING  
UPON BOTTLE MATERIAL, NECK FINISH, AND  
CAPPING EQUIPMENT

DRAWING TYPE: CUSTOMER

REPLACES DRAWINGS:

10852

DIMENSIONS ENCLOSED IN ( )  
INDICATE REFERENCE  
DIMENSIONS AND NO TOLERANCE  
LIMITS ARE ESTABLISHED

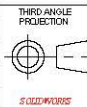
TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.008	0-20	±0.152
0.788-1.181	±0.008	21-30	±0.203
1.182-2.756	±0.012	31-70	±0.305
2.757-3.937	±0.018	71-100	±0.406
3.938-5.096	±0.020	101-150	±0.508
5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°

PROPRIETARY AND CONFIDENTIAL

The  
**CARY COMPANY**  
Est. 1895



DISTRIBUTION  
CODE  
**D**

DRAWING NAME  
28-410 Disc Top Smooth  
Smooth Domed (0.325" x 0.165")

DRAWING NUMBER  
CQA - 11237

MATERIAL  
POLYPROPYLENE

MODEL NUMBER:  
PM 11232 Smooth Disk Top Assembly

SCALE	SHEET SIZE	SHEET	REV. NP
3:2	8.5in*11in	1 of 3	00 AA

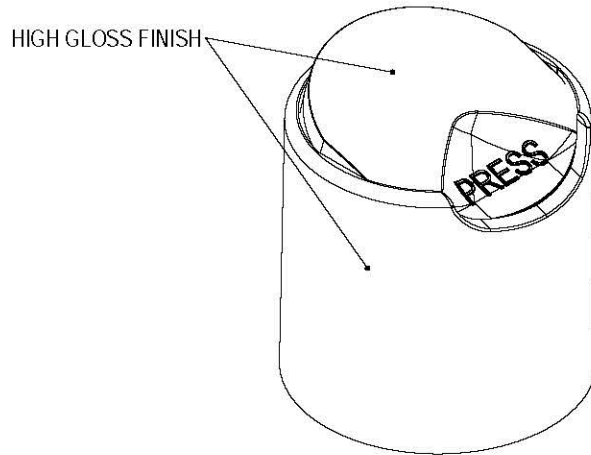
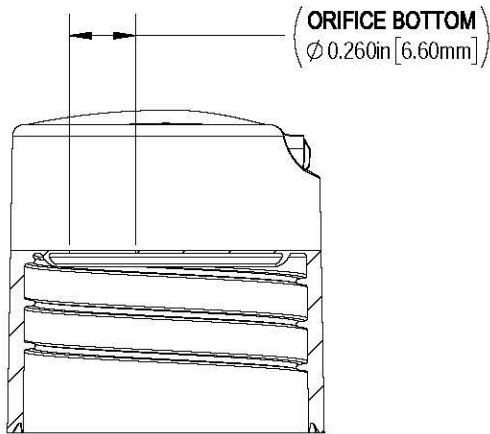
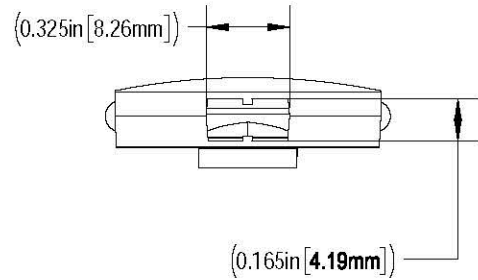
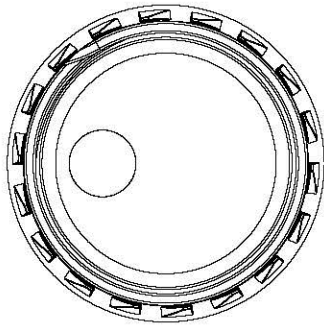
DRAWN BY: CAN 8/2/2018

ENG APPR: CAN 8/2/2019

QA APPR: SSK 8/2/2018

THE CLOSURE DIMENSIONS  
DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN  
FOUND TO BE FUNCTIONAL BASED ON INDUSTRY  
EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND  
PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH  
SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND  
TESTED TO ENSURE IT MEETS APPLICABLE  
PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE  
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DATE	REV	N/P	DESCRIPTION	ENG	DRWN
7/18/2019	00	AA	REVISED RESISTOR DESIGN, AND UPDATED DRAWING FORMAT	CAN	CAN



THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES, EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA. SEE QUALITY ASSURANCE SPECIFICATIONS F FOR ADDITIONAL INFORMATION.

DRAWING TYPE : CUSTOMER

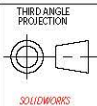
REFERENCES:

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NOT TOLERANCE LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED			
DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°  
 PROPRIETARY AND CONFIDENTIAL

The **CARY COMPANY**  
 Est. 1895



DISTRIBUTION CODE  
**D**

DRAWING NAME  
 28-410 Disc Top Smooth  
 Smooth Domed (0.325" x 0.165")

DRAWING NUMBER  
 CQA - 11237

DRAWN BY. CAN 8/2/2019

MATERIAL  
 POLYPROPYLENE

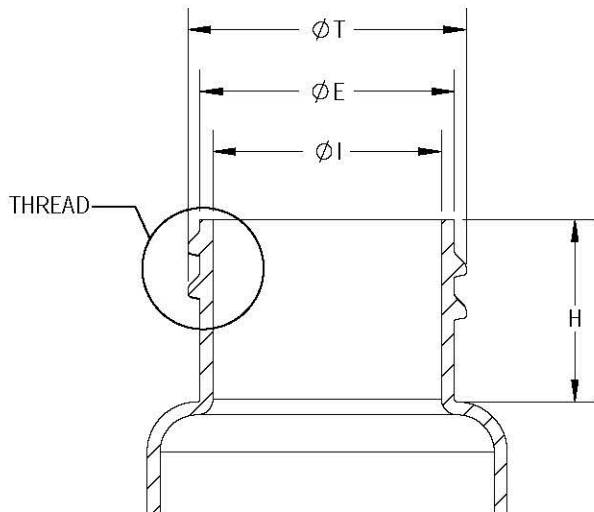
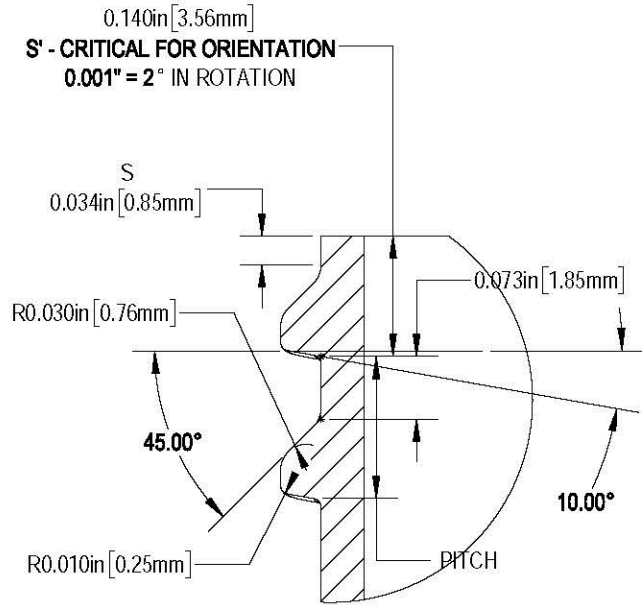
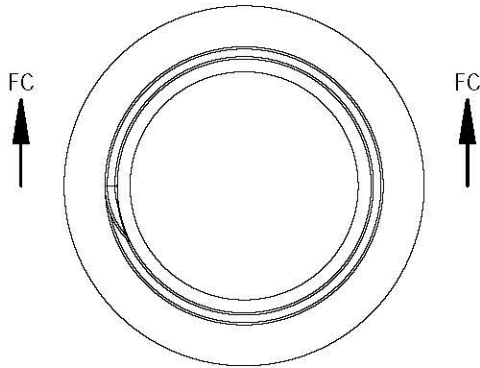
ENG APPR. CAN 8/2/2019

MODEL NUMBER:  
 PM 11232 Smooth Disk Top Assembly

QA APPR. SSK 8/2/2019

SCALE SHEET SIZE SHEET REV.NP  
 3:2 8.5 X 11 2 of 3 00.AA

RECOMMENDED NECK FINISH



REFERENCE	TOLERANCE	UNITS	DIMENSION
E	±0.008 [0.20]	in [mm]	0.984 [24.99]
T	±0.008 [0.20]	in [mm]	1.078 [27.38]
I	MINIMUM	in [mm]	0.752 [19.10]
I MAX	MAXIMUM	in [mm]	0.857 [21.78]
S	±0.015 [0.38]	in [mm]	0.034 [0.86]
H	±0.015 [0.38]	in [mm]	0.708 [17.98]
PITCH	±0.010 [0.25]	in [mm]	0.167
TPI			6

DRAWING TYPE: CUSTOMER

NOTE: THE NOMINAL ORIENTATION ILLUSTRATED IS BASED ON NOMINAL DIMENSIONS OF BOTH THE CLOSURE AND THE RECOMMENDED NECK FINISH. FOR EXACT ORIENTATION EACH BOTTLE SHOULD BE EVALUATED ON A CASE BY CASE BASIS.

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
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5.097-7.874	±0.024	151-200	±0.610
7.875-9.843	±0.032	201-250	±0.813

ANGULAR TOLERANCE ± 2°  
PROPRIETARY AND CONFIDENTIAL

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The **CARY COMPANY**  
Est. 1895



DISTRIBUTION CODE

DRAWING NAME

D

28-400 RNF Model RNF

DRAWING NUMBER

CQA -

DRAWN BY: CAN

8/2/2019

MATERIAL

ENG APPR: CAN

8/2/2019

MODEL NUMBER:

QA APPR: SSK

8/2/2019

SCALE  
1:2

SHEET SIZE  
8.5 X 11

SHEET  
3 of 3

REV/NP  
00.AA