

# IF YOU...



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

## WE HAVE A **PRODUCT** FOR YOU

Part #30W28A

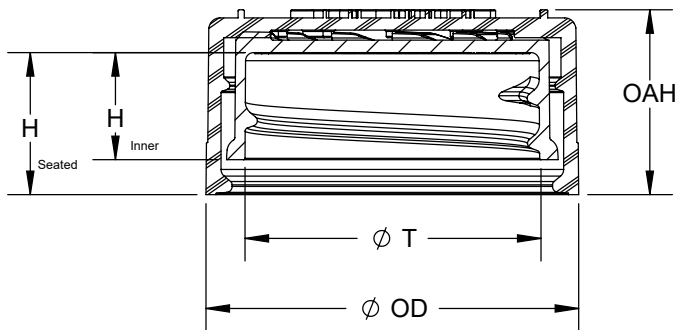
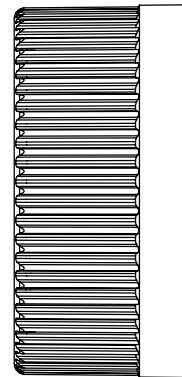
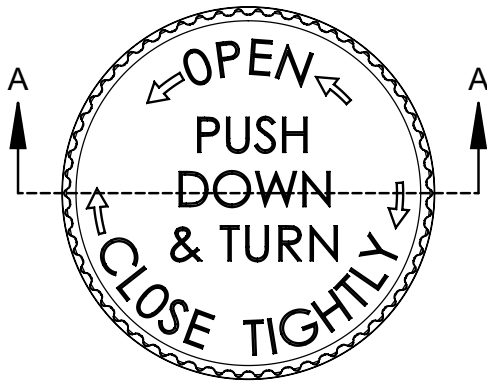
Plastic Caps

28mm 28-400 White Child Resistant Cap  
(PDT) w/Foam Liner (3-ply)



The  
**CARY** COMPANY  
Est. 1895

1195 W. Fullerton Ave. | Addison, IL 60101 | T: 630.629.6600 | F: 630.629.3690 | [TheCaryCompany.com](http://TheCaryCompany.com)



SECTION A-A

6 THREADS PER INCH, .167 PITCH, 380° FULL DEPTH THREAD			
REFERENCE	TOLERANCE	DIMENSION	UNITS
E	±0.012 [0.31]	1.006 [25.60]	in [mm]
T	±0.012 [0.31]	1.100 [27.90]	in [mm]
H [Seated]	REFERENCE	0.514 [13.06]	in [mm]
H [Inner]	±0.012 [0.31]	0.395[10.00]	in [mm]
OD	±0.017[0.43]	1.375 [34.93]	in [mm]
OAH	±0.017[0.43]	0.677 [17.20]	in [mm]
PART WEIGHT	± 0.80	4.90	g

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:  
C-8022

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	±0.006	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	±0.016	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 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.



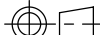
DISTRIBUTION  
CODE

DRAWING NAME

28-400 CRC Assm  
PDT Emboss

DRAWING NUMBER

CQA - 10212



D

MATERIAL

POLYPROPYLENE

MODEL NUMBER:

PM 10214 28-400 CRC PDT ASM

DRAWN BY: BDG 1/20/2016

ENG APPR: CRS 1/19/2022

QA APPR: TEM 1/21/2022

SCALE

SHEET SIZE

SHEET

REV.NP

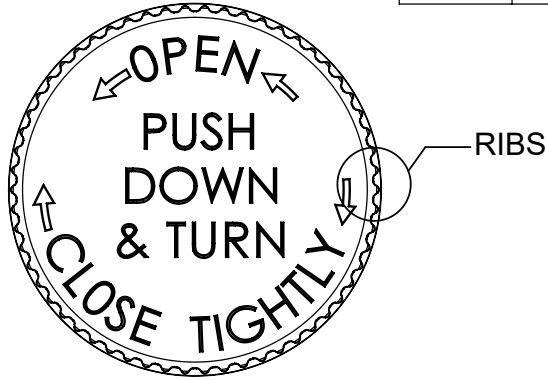
1.5:1

8.5" X 11"

1 of 3

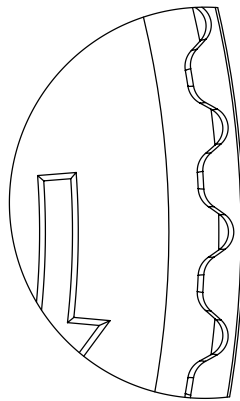
01.AE

DATE	REV	N/P	DESCRIPTION	ENG	DRWN
01/20/2016	01	AA	DRAWING RELEASED	BDG	BDG
09/09/2016	01	AB	CORRECTED H REFERENCE ON PAGE 3	BDG	BDG
07/07/2017	01	AC	CORRECTED RIB COUNT	JDM	JDM
02/20/2019	01	AD	CORRECTED H/H1 REFERENCE ON PAGE 3	BDG	BDG
01/17/2022	01	AE	CORRECTED RECOMMENDED NECK FINISH ERRORS, NO PART CHANGE	BDG	CRS



MATTE FINISH TOP AND SIDES

RAISED LOGO



DETAIL RIBS  
SCALE 8 : 1

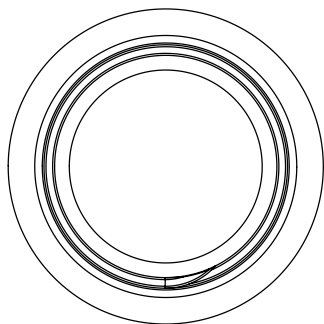
(58) EQUISPACED RIBS



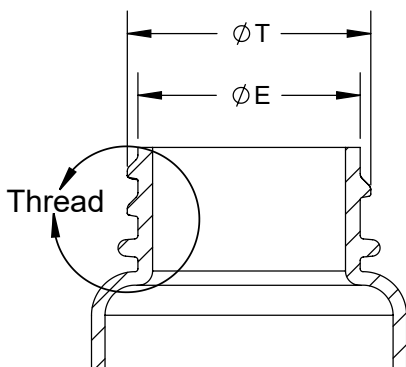
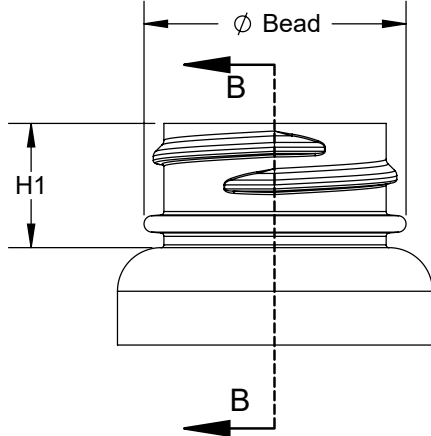
THE CLOSURE DIMENSIONS DEPICTED ARE THOSE WHICH HAVE GENERALLY BEEN FOUND TO BE FUNCTIONAL BASED ON INDUSTRY EXPERIENCE BECAUSE OF VARIABILITY IN GLASS AND PLASTIC CONTAINER FINISHES. EACH CLOSURE/FINISH SYSTEM SHOULD BE INDIVIDUALLY EVALUATED AND TESTED TO ENSURE IT MEETS APPLICABLE PERFORMANCE CRITERIA.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

DRAWING TYPE : CUSTOMER			
REFERENCES:		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	±0.006	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	±0.016	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			

THIRD ANGLE PROJECTION	DISTRIBUTION CODE <b>D</b>	DRAWING NAME 28-400 CRC Assm PDT Emboss				
		DRAWING NUMBER CQA - 10212				
DRAWN BY.	BDG	1/20/2016	MATERIAL POLYPROPYLENE			
ENG APPR.	CRS	1/19/2022	MODEL NUMBER: PM 10214 28-400 CRC PDT ASM			
QA APPR.	TEM	1/21/2022	SCALE 1.5:1	SHEET SIZE 8.5" X 11"	SHEET 2 of 3	REV.NP 01.AE

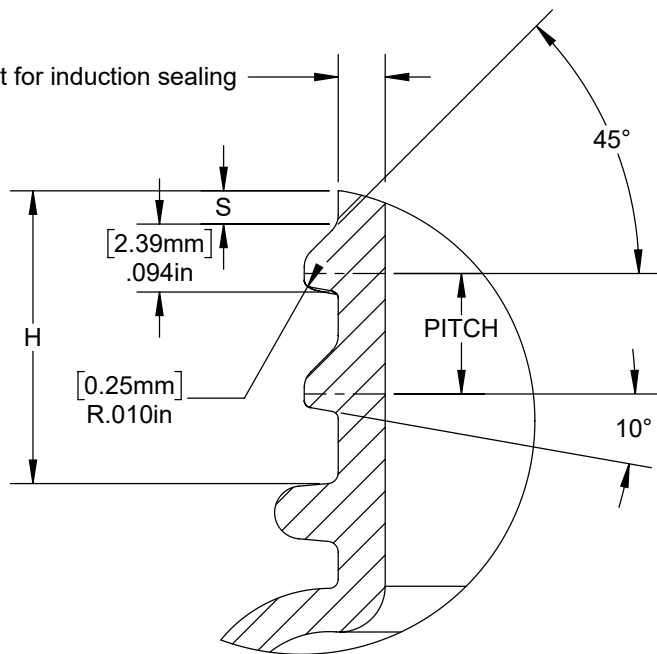


OPTIONAL Construction:  
Bead not required for child resistant closure function



SECTION B-B  
SCALE 5 : 4

.050" MINIMUM flat for induction sealing



DETAIL Thread  
SCALE 4 : 1

REFERENCE	TOLERANCE	UNITS	DIMENSION
E	± 0.010 [0.25]	in [mm]	0.984 [24.99]
T	± 0.010 [0.25]	in [mm]	1.078 [27.38]
S	±0.015 [0.38]	in [mm]	0.046 [1.17]
H	MINIMUM	in [mm]	0.411 [10.44]
H1	MINIMUM	in [mm]	0.550 [13.97]
BEAD	MAXIMUM	in [mm]	1.130 [29.46]
TPI			6
PITCH		in [mm]	0.167 [4.24]

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.

DRAWING TYPE : CUSTOMER

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

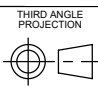
TOLERANCES UNLESS OTHERWISE SPECIFIED

DIMENSION (inches)	TOLERANCE	DIMENSION (mm)	TOLERANCE
0-0.787	±0.006	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	±0.016	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 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.



DISTRIBUTION CODE  
**D**

DRAWING NAME  
**28-400 CRC Assm  
RECOMMENDED NECK FINISH**

DRAWING NUMBER  
**CQA - 10212**

DRAWN BY: BDG 1/20/2016  
ENG APPR: CRS 1/19/2022  
QA APPR: TEM 1/21/2022

MATERIAL  
MODEL NUMBER:  
SCALE: 5:4 SHEET SIZE: 8.5" X 11" SHEET: 3 of 3 REV.N/P: 01.AE