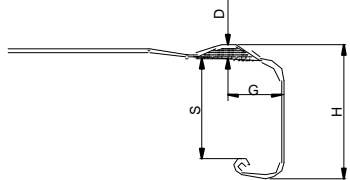
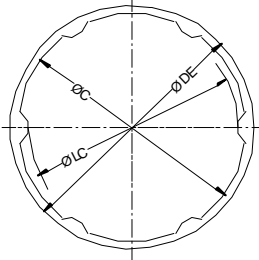
	TECHNICAL DATA SHEET		CROWN Closures Europe
Date: 08/04/2004 Version: 1			
Cap size: 82 RTS/RSB			
Description: Regular Twist Step Cap, with/without safety button, suitable for sealing glass jars containing food products			
DIMENSIONS			
GLASS FINISH: Closures Europe: CX82-00-TO-A C.E.T.I.E.: GME 20-09		 	
ØDE ±0.25 85.2 mm ØC Min. 81.2 mm ØLC Min. 78.05 mm G 5.4 mm H Max. 11.1 mm S Min. 7.65 mm D Min. 0.77 mm Min vacuum required to pull down the button 475 mbar (in case of lower vacuum values please contact CROWN Closures)			
MATERIALS			
Electrolytic tin plate, ECCS or Tin free steel ● Minimum Nominal Thickness: 0.17 mm			
Internal Coating ● Food grade internal coating system specified according to product requirement.			
External Coating ● White, clear or gold base coat with over varnish as required ● Printing decoration according to customer specification.			
Compound ● Food grade plastisol according to heat treatment (pasteurisation, sterilisation, hot fill and cool, dry seal) and product type (oily and non-oily).			
USE CONDITIONS			
Suitable for use with products, which have the following values: pH: 3 - 9 SO ₂ : < 100 ppm total SO ₂ at the time of filling Salt content: < 10% CROWN Closure Europe's current valid issue of "Instructions for the correct use of Twist, PT and PT Plus Closures" form an integral part of the closure specification. No responsibility can be taken by CROWN Closures Europe if these Instructions are not followed. Note: For aggressive and high acid content products please contact CROWN Closures Europe. For hand or dry application with and without thermal treatment, please contact your CROWN Closures representative			
Pasteurisation (Dependent on Compound) (***)		Sterilisation (Dependent on Compound) (***)	
Up to 100°C for 60 minutes in an open tunnel or bath with no counter pressure.		Up to 121°C for 90 minutes with a counter pressure of 200 kPa. The counter pressure must exceed the in-jar pressure by 50 ± 20 kPa. Note: Higher sterilisation temperatures up to 130°C are possible with formal approval of process conditions by Closures Europe Technical and Quality Teams.	
(***) Note: The compound type must be confirmed by CROWN Closures to be correct for the processing conditions. Please contact your CROWN Closures representative.			
PACKAGING			
Carton		Pallet	
	Europe		Europe
Size (mm)	390 x 390 x 405	Size (mm)	800 x 1200 x 2175
Caps Qty.	750	Cartons per pallet	30
Gross Weight	12 kg	Caps per pallet	22 500
Note: Quantity of closures in cartons may vary dependant upon manufacturing Plant. For confirmation please contact your CROWN Closures representative.			
Stacking: Cap cartons should not be stacked more than 2 pallets high			
Storage conditions: Temperature range from 5°C to 30°C - relative humidity below 70%. Closures should be used within 2 years of the manufacturing date printed on the carton (Derogation under Closures Europe approval).			
DECLARATION OF CONFORMITY			
We declare that all caps supplied by CROWN Closures Europe are manufactured for the purpose of sealing food containers. All materials used to manufacture said caps are authorized under the relevant laws of the country in which they are supplied as well as EU (European Union) and US FDA (Food and Drug Administration). Note : CROWN Closures Europe is not responsible for use conditions deviating from the limitations given in this Technical Data Sheet unless agreed beforehand in writing.			
Created by: C. Zidaric (European Product & Process Engineer) Date : 27/02/2004		Approved by: P. Call (Technical & EHS Manager CROWN Closures Europe) J. Laidler (European Quality Manager) Date : 08/04/2004	