




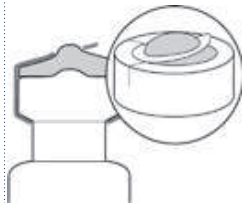


## 18. Crimping Tools



- Easy and convenient handling.
- Chemically resistant surface finish especially designed for the application in labs.
- Hardened crimping jaws made of a special alloy that guarantees long life.
- Adjustable in crimping pressure limitation by a screw in the handle.
- Additionally 11mm, 13mm and 20mm crimpers are adjustable in crimping height by screwing up or down the pressure block in the crimping head with a hexagon key.
- Repair Service for crimping tools made by La-Pha-Pack.

An inappropriate crimp can be recognized by:

<b>Correct Crimp</b> Flat cap surface Flat septa surface  Tight fitting of the Aluminum edge Plain + undeformed cap sides	 Untight Aluminum edge	 Upward bulge of the crimp cap	 Deformation of the crimp cap sides	 Convex looking liner	 Rounded edges/Upward bulge of the Cap/Liner
	Adjust crimping pressure with the screw in the handle + Adjust crimping height with the hexogen key (s. below) (undercrimped)	Adjust crimping pressure with the screw in the handle + Adjust crimping height with the hexogen key (s. below) (overcrimped)	Adjust crimping pressure with the screw in the handle + Adjust crimping height with the hexogen key (s. below) (overcrimped)	Adjust crimping height with the hexogen key (s. below) (overcrimped)	Adjust crimping pressure with the screw in the handle (overcrimped)

An inappropriate crimp cannot be recognized by trying to turn the Seal, as completely PTFE-laminated liners have a very slippery surface on the glass rim, which allows anyone to turn the cap, if the right torque is used. The turning of the cap is even easier when the liner is sitting on a Headspace (bevelled top) glass rim, as it then only has very small surface to rest on.



### 18.1 Manual Crimping Tools

08 06 0005	11 06 0006	13 06 0007	20 06 0008	28 06 0320	32 06 0135
Crimper for 8mm Aluminum Caps	Crimper for 11mm Aluminum Caps	Crimper for 13mm Aluminum Caps	Crimper for 20mm Aluminum Caps	Crimper for 28mm Aluminum Caps	Crimper for 32mm Aluminum Caps
1 pc. per PP-Box					

13 06 0069	13 06 0319	20 06 0043	20 06 0170	28 06 0190	Special sizes and Crimpers for Pump Spray Closures on request!
Crimper for 13mm Flip Top/Flip Off Seals	Crimper for 13mm Flip Tear Up Seals	Crimper for 20mm Flip Top/Flip Off Seals	Crimper for 20mm Flip Tear Up Seals	Crimper for 28mm Flip Top/Flip Off Seals	
1 pc. per PP-Box					

You can download the appropriate instruction for the adjustment of our crimpers from our Website as PDF-File (Icon "Products"; Subchapter "Crimping Tools").

## 18.2 Manual Decapping Tools

08 07 0001	11 07 0002	13 07 0003	20 07 0004	28 07 0092	32 07 0078
Decapper for 8mm Aluminum Caps	Decapper for 11mm Aluminum Caps	Decapper for 13mm Aluminum Caps	Decapper for 20mm Aluminum Caps	Decapper for 28mm Aluminum Caps	Decapper for 32mm Aluminum Caps
1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box

## 18.3 Stainless Steel Cleanroom Crimping Tools

- The crimping/decapping mechanism is corrosion and heat resistant while the stainless steel construction removes the need for any protective coating on the handle or crimp head.
- Can withstand repeated sterilization for cleanroom use without the risk of damaging the tool.
- Available in 11mm, 13mm and 20mm sizes.
- Crimping tools are adjustable in crimping pressure and height to offer optimal crimping results on varying vial styles.



### 18.3.1 Manual Crimping Tools

11 06 2225	13 06 2227	20 06 2229
11mm Crimper made of stainless steel, sterilizable for cleanroom applications	13mm Crimper made of stainless steel, sterilizable for cleanroom applications	20mm Crimper made of stainless steel, sterilizable for cleanroom applications
1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box

Other sizes are available!

### 18.3.2 Manual Decapping Tools

11 07 2226	13 07 2228	20 07 2230
11mm Decapper made of stainless steel, sterilizable for cleanroom applications	13mm Decapper made of stainless steel, sterilizable for cleanroom applications	20mm Decapper made of stainless steel, sterilizable for cleanroom applications
1 pc. per PP-Box	1 pc. per PP-Box	1 pc. per PP-Box

Other sizes are available!

## 18.4 Pneumatic Hand-held Crimping Tool

- Crimping and decapping tool, operated by compressed air (6.2bar = 90psi minimum net pressure).
- Easy handling; just by pushing the button the vial is crimped or decapped.
- Interchangeable "C"-Heads for crimping and decapping in various sizes (pls. see chapters 18.5 + 18.6).
- Adjustable, constant and reproduceable crimping pressure.
- Space-saving installation with a balancer above the working bench.
- Ergonomical handling, as the balancer compensates the weight of the pneumatic crimper and facilitates steady and precise crimping.
- Inlet air supply connector G 1/4" thread (female); connection to be provided by customer.
- The pneumatic crimping tool can be delivered with stand and foot switch or with hanging device and trigger in the handle.
- CE mark of conformity.



You can download the appropriate instruction for the handling of our Pneumatic Crimping Tool from our Website as PDF-File. (Icon "Products"; Subchapter "Crimping Tools")

00 00 0089	00 00 0120	00 00 1898
Pneumatic Basic Crimping Tool, including pressure regulator, safety valve and Nylon (PA) twisted hose	Hanging device with balancer	Stand with foot switch for pneumatic basic crimping tool
1 pc. per carton	1 pc. per carton	1 pc. per carton

## 18.5 Crimping Heads for Pneumatic Hand-held Crimping Tool

08 06 0149	11 06 0150	13 06 0134	20 06 0088	32 06 0151
Crimping Head for 8mm Aluminum Caps	Crimping Head for 11mm Aluminum Caps	Crimping Head for 13mm Aluminum Caps	Crimping Head for 20mm Aluminum Caps	Crimping Head for 32mm Aluminum Caps
1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton
13 06 0091	20 06 0090	20 06 0148	28 06 0191	32 06 0192
Crimping Head for 13mm Flip Top/Flip Off Seals	Crimping Head for 20mm Flip Top/Flip Off Seals	Crimping Head for 20mm Flip Tear Up Seals	Crimping Head for 28mm Flip Top/Flip Off Seals	Crimping Head for 32mm Flip Top/Flip Off Seals
1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton

Special sizes on request!



## 18.6 Decapping Heads for Pneumatic Hand-held Crimping Tool

08 07 0153	11 07 0107	13 07 0154	20 07 0155	28 07 0156	32 07 0157
Decapping Head for 8mm Aluminum Caps	Decapping Head for 11mm Aluminum Caps	Decapping Head for 13mm Aluminum Caps	Decapping Head for 20mm Aluminum Caps	Decapping Head for 28mm Aluminum Caps	Decapping Head for 32mm Aluminum Caps
1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton	1 pc. per carton

Special sizes on request!