

# WENDT "BELL" PULLER

## The best cylinder & plug extraction kit



Extremely resistant and easy to use, the Wendt "BELL" puller is a solid favourite among international professionals and a must-have kit for locksmiths and emergency services alike. Why? Because you will never turn a job down as it allows you to easily and professionally remove any type of euro, rim as well as UK oval cylinder and to quickly open the door without drilling or damaging the door and the door guard.

With the Wendt "Bell" puller you will be able to extract a cylinder:

- If you are in an emergency and you don't have the time to pick open a cylinder.
- When a cylinder is too difficult to pick.
- When the cylinder is flush-fitted and your standard or "advanced" snapper is ineffective.
- In the case of multiple-bolt locks and half cylinders commonly used in glass-doors, garage-doors and sheds.

All that without drilling or damaging the door and the door guard.

With a pulling mechanism that boasts a hardened M12 thread, you will be able to pull the lock without applying a lot of force to your tool. And using the plug extractor plate provided, you will also get quick and easy access to the locking mechanism.



### Kit Contents

Black Case	ZIEH-FIX <sup>®</sup> Bell Puller	Power Cracker	Proxon-Speeder Ratchet	Plug Extractor Plate for Euro locks	T-bar Screw Driver	Plastic Profile Cylinder Key	Door Latch Opening Needle Set x10.	Door Latch Opening Card Set x9	Supporting Washers for Pull Screws	Drill Adapter for Pull Screws	ZIEH-FIX <sup>®</sup> Pull Screws 20 pcs, 4.2mm dia.	ZIEH-FIX <sup>®</sup> Pull Screws 20 pcs, 4.8mm dia.	ZIEH-FIX <sup>®</sup> Pull Screws 20 pcs, 5.5mm dia.	ZIEH-FIX <sup>®</sup> Pull Screws 10 pcs, M6 dia.

# WENDT “BELL” PULLER

The WENDT “Bell” can be used for tearing (pulling) of Euro profile and UK Oval cylinders. With an additional plug extractor plate, the tool can also be used for plug extraction.

## Getting Started:

### 1. Spray oil to be applied into keyway

Lubricate the keyway using a suitable lubricant (WD40 or similar). This process will enable the special screws to be inserted into the plug reducing the possibility of the screw breaking. Please clean any excess spillage of oil from the plug.

### 2. Screw in the Pull Screws

#### Only use the recommended screws

The ZIEH FIX<sup>®</sup> Pull Screws can be inserted into the keyway either with an appropriate tool (Torx size Tx20) or with a drill and Torx-20 (Torx-25 for the M6 screws) bits. The Pull Screws must be screwed in the centre of the cylinder core. The depth should be according to the key length. Roughly 3-5 screw threads should still be visible outside the lock cylinder.

Depending on the quality of the lock cylinder or the size of the keyway, you should use different sized Pull Screws. We recommend **before using** a Pull Screw with a large diameter to use a Pull Screw with a smaller diameter for “**pre-drilling**” (to create a pilot hole).

## Example:

Due to the quality of a lock cylinder the core should be pulled with a Pull Screw “Super” (diameter 4.8 mm).

The correct step-by-step mode of operation would be:

1. Insertion of Cutting and Lubricating Spray.
2. Pre-screwing with Pull Screw “Extra” (diameter 4.2 mm).
3. Insertion of Cutting and Lubricating Spray
4. Attaching the pulling device with Pull Screw “Super” (diameter 4.8 mm)

**For pre-screwing, the Pull Screws can be used several times.  
For pulling, the Pull Screws should only be used once to avoid breakage due to fatigue of material.**

The use of the WENDT washers in connection with the Pull Screws considerably extends the life expectancy of the ZIEH-FIX<sup>®</sup> Bell. The washer is re-usable and is placed underneath the Pull Screw.



LS-W1202 (Yellow - 4.2mm Dia.)



LS-W1203 (Green - 4.8mm Dia.)



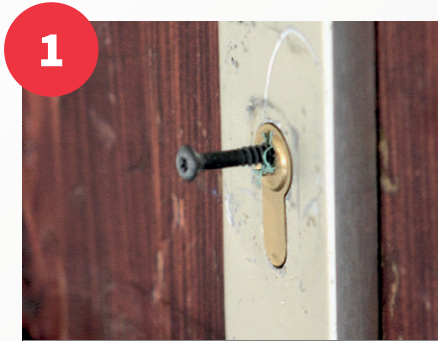
LS-W1204 (Red - 5.5mm Dia.)



LS-W1205 (Blue - M6 Dia.)

# WENDT "BELL" PULLER

## How to extract a cylinder



1

Screw the appropriate Wendt Pull Screw into the lock using a drill and a Torx-20 or 25 drill bit or adapter. Roughly 3-5 screw threads should still be visible outside the lock cylinder.



2

Secure the ZIEH-FIX<sup>®</sup> Bell by attaching the Bell Puller unit on the screw head. Turn the collar nut (by hand) until the Bell Puller is secured against the door handle and does not move.



3

Use the ratchet spanner to turn and tighten the nut. This process of pulling the screw creates a tension that will snap the cylinder.



4

The cylinder is snapped in the area where the cylinder is held in the lock case.

The cylinder is snapped in the area where the cylinder is held in the lockcase.

Refitting of the tool is necessary as the Pull Screw is deformed by the pulling power of the downward tilted lock cylinder.

On occasion this side movement can cause the breakage of the Pull Screw.



5

Remove the broken pieces inside the lock.



6

The mortice lock can be operated with a profile cylinder locking device (included).

### Oval Cylinders:

The approach is identical to the euro profile cylinder. The refitting of the tool after part breakage is not necessary.

# WENDT "BELL" PULLER

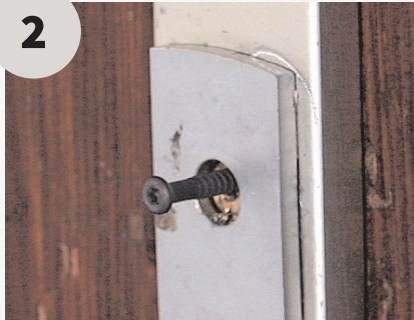
## How to pull a cylinder plug

1



Fix the plug extractor plate (included) over the cylinder. The plug will be visible. It is important that the bore hole is aligned with the cylinder core and the milled notch of the extractor plate points towards the lock cylinder.

2



Screw the appropriate Wendt Pull Screw into the lock using a drill and a Torx-20 (Torx-25 if using the M6 screw) drill bit or adapter.

3



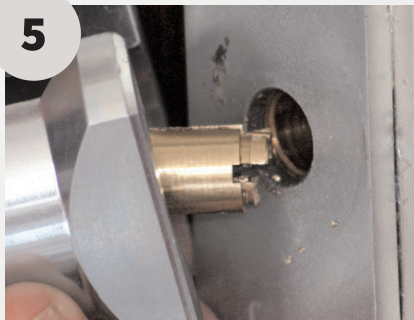
Secure the ZIEH-FIX<sup>®</sup> Bell by attaching the Bell Puller unit on the screw head. Turn the collar nut (by hand) until the Bell Puller is secured to the extractor plate.

4



Tighten the collar nut with a ratchet until the locking pins and the safety ring shear off or rather the core has been removed completely from the lock cylinder.

5



The core has been removed completely from the lock cylinder.

6



After removing the broken pieces from the core drilling the lock cylinder can be opened with a screw driver or another adequate tool. The screw driver is being guided through the core drilling towards the locking device and turned.

### Note:

To avoid shifting of the extractor plate, the plate can be fixed with double-sided adhesive if the lock cylinder squares up to the fitting.

The mortice lock needs to be checked for loose fallen in parts and these must be removed. Plug extraction does not damage the mortice lock.

Want to refresh your skills? Get in touch. We are always happy to help you with training and support.