

BRAVO  TAMPER

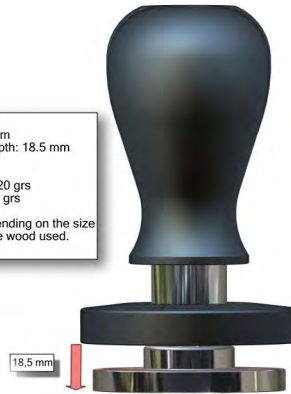
INSTRUCTION MANUAL



Height: 117 mm
Maximum diameter: 66 mm
Maximum compaction depth: 18.5 mm

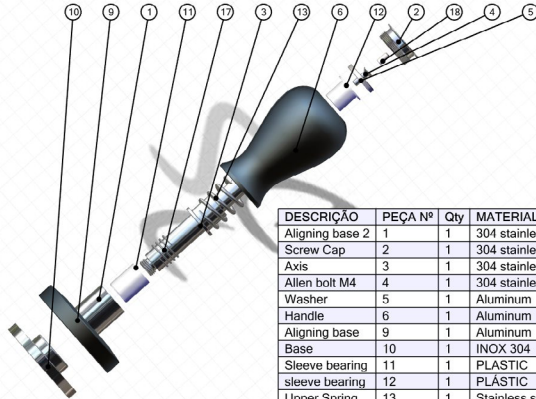
Tamper weight:
With aluminum handle: 620 grs
With wooden handle: 530 grs

The weight can vary depending on the size of the base, as well as the wood used.



Introduction

The **Bravo Tamper** is a dynamometric tamper that utilizes a spring system that offers more control and precision when compacting the coffee. Another very important feature of the tamper is its aligning base. As the base rests on the basket from the very beginning of the process, the tamper moves 100% aligned, so the **Bravo Tamper** creates a cake that is perfectly aligned. For these reasons, it guarantees repeatability during espresso extractions.



| DESCRIÇÃO | PEÇA Nº | Qty | MATERIAL |
|------------------|---------|-----|---------------------|
| Aligning base 2 | 1 | 1 | 304 stainless steel |
| Screw Cap | 2 | 1 | 304 stainless steel |
| Axis | 3 | 1 | 304 stainless steel |
| Allen bolt M4 | 4 | 1 | 304 stainless steel |
| Washer | 5 | 1 | Aluminum |
| Handle | 6 | 1 | Aluminum |
| Aligning base | 9 | 1 | Aluminum |
| Base | 10 | 1 | INOX 304 |
| Sleeve bearing | 11 | 1 | PLASTIC |
| sleeve bearing | 12 | 1 | PLASTIC |
| Upper Spring | 13 | 1 | Stainless steel |
| Lower Spring | 17 | 1 | Stainless steel |
| Black Allen bolt | 18 | 1 | Steel |

How it works

When you start tamping, the aligning base rests on the filter basket. At this time, the lower spring acts as a guide, so that the tamper travels 100% aligned. By the time the coffee starts to be tamped the upper spring comes into action and limits the amount of pressure applied onto the coffee, allowing the coffee to be tamped at exactly the same pressure every time. When you feel it has hit the bottom, you have reached the desired pressure.



How to use it

1. Place the desired amount of coffee into the filter basket, prepare for tamping (here you might want to use the **Bravo Distributor & Leveler**), after that, place the **Bravo Tamper** onto the filter basket and start pushing it down in a slow fashion.



2. Continue pressing the **Bravo Tamper** you will feel when the second spring comes into action, as tamping demands more pressure. Continue pressing it down till you feel it hits the bottom.





3. Once the **Bravo Tamper** hits the bottom, (that indicates you've reached the correct pressure) you feel the upper part of the axis touch the screw cap. Tamping has reached its objective.



4. Now, simply let go the pressure from the **Bravo Tamper** and slowly, as not to create vacuum, bring it to its original position. You are done tamping.

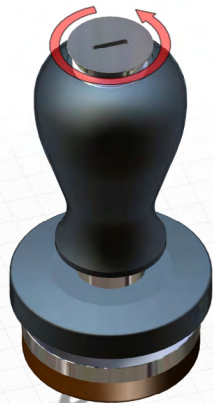


5. At this time if you wish to polish the cake, simply apply small pressure to push down the Bravo Tamper till it hits the compacted coffee puck and turn the handle clockwise and counterclockwise in a quick motion. At this time you will push only against the lower spring. It's a very light push.

Done, the cake is perfectly compacted and leveled.

Setting the pressure of the tamping

Setting the pressure can be done by altering the position of the black Allen bolt located inside the screw cap, on the upper part of the Bravo Tamper. It can be adjusted anywhere from 26lbs to 37lbs. Originally, it comes with a pressure of approximately 34lbs.



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Firstly, remove the screw cap using a coin, in the inner part of the screw cap, you will find a small black Allen bolt. In order to minimize the pressure, simply unscrew the black Allen bolt little by little till you get the pressure you desire (within the range of 34lbs to 26lbs). The pressure will decrease approximately 2,5lbs per each 1mm the black Allen bolt is unscrewed. If you remove the black Allen bolt, the pressure will increase to its maximum: 37lbs. Mind you, once you have reached the desired pressure you must use a thread seal tape to keep the black Allen bolt in its chosen place.

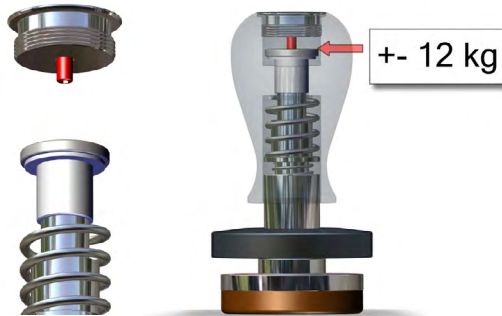


Disassembling the Bravo tamper

With the help of a coin, remove the screw cap located on the top of the **Bravo Tamper**, by turning it anticlockwise. Once the screw cap has been removed, hold the base firmly, and using an (2.5mm) Allen wrench loose the internal Allen bolt to take apart the handle and the upper spring. After that, using one of your hands, hold the axis and unscrew it until the base and the lower spring come loose. Done!

Assembling the Bravo Tamper

Place the lower spring onto the thinner end of the axis. After that, insert the axis through the aligning base, press the axis and screw it into the base of the tamper. Place the upper spring onto the other end of the axis, and after that, press the handle and the wash against the base. Using an (2.5mm) Allen wrench screw the Allen bolt onto the end of the axis that is now inside the upper part of the handle. Finally, place the screw cap back in.



Remove only the base to clean the Bravo Tamper easily

Hold the **Bravo Tamper** by the handle and using the index finger and the thumb pull the aligning base, with the other hand unscrew the base of the tamper turning it counterclockwise. The base of the tamper and the lower spring will come loose. Clear all around with a brush and wipe gently with dry cloth.

To assemble again, follow the instructions backwards.

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