



# V-BOX



## Basic Sales Unit contains:

- V-Box, Membran #3 installed
- 1 ea. Membran #1, #5, #7
- Spares: Screw, Nut and Washers
- Hex Wrench 2mm

## What is the Beiter V-BOX?

The Beiter V-BOX is the base of a multifunctional dampening system for stabilizer systems.

The stiffness of the V-BOX can be modified with the interchangeable membranes which have different properties. The system is completed by weights and compensation spacers which can be mounted with different screws, threaded studs and adaptors.

Beiter Centralizers can be ordered with 5/16"-24 inner or outer weight adapters at no extra charge. But the V-box is compatible with almost all available stabilizer systems. On systems using a 5/16 thread, the Beiter V-BOX can be mounted on the standard thread that comes with the stabilizers, while for stabilizers using 1/14 threads, inner and outer thread adaptors to a 5/16" size are available.

## How does the Beiter V-BOX system work?

The various stabilizers on the market have different rigidities. Archers may find rods too stiff, and sometimes also too weak. With a multifunctional and customizable dampening system, such as the Beiter V-BOX, each stabilizer can be adapted to the respective shooter's needs. This customization is achieved with the membranes and their different degrees of stiffness, and also through the use of the available weights and spacers. This combination can affect not only the weight distribution, but by their inertia, in combination with the Beiter V-BOX, the entire damping behaviour.

## Where should, or can, the weight be attached?

Weights can be attached in front of and behind the Beiter V-BOX. An optimal set up will involve placing weights both sides of the V-BOX. #5 and #7 membranes can support max. 10 oz in front of the V-Box. **Attention:** the #1 membrane supports max. 5 oz. The weight of the Beiter V-BOX unit is 1.75 oz - 49grams). As an example at a total weight of 16 ounces, the weight could be distributed like this: 2 x 3 oz weights and 1 x 1 oz weight in front of the V-Box and 3 x 3 oz weights behind. If you want to shoot a less stabilizer weight, the distribution of the weights can be adjusted by using the spacers. Due to the lever effect, shifting the weights forward on the screw changes weight distribution and dampening, achieving the desired balance with less weight than usual! Thanks to the combination of weights, washers and membranes in 4 different stiffnesses, innumerable different settings and options are possible.

## IMPORTANT: Do not choose a too soft a membrane. If you see that the weight is bending the Beiter V-BOX, then use a harder membrane or less weight!

It is important to use the maximum weight setup only with the two hardest membranes (#5 and #7). The Compensation Spacer is not only useful for shifting weight: thanks to the Spacers low weight, you can use it as placeholder on the threads. The various colours available can be combined to individually customize your Beiter V-BOX System and stabilisation! It is important to use the base plate, which is not only an optical transition between the V-BOX and the stabilizer system, but provides an extremely stable connection between components. The V-BOX has a diameter of 32mm. Base Plates are available in 30 to 26mm, 30 to 23mm and 30 to 20mm sizes.

The four pictures on the right show just some of the countless configurations possible. The last option is only to be used with the X-tra hard membrane (#7).

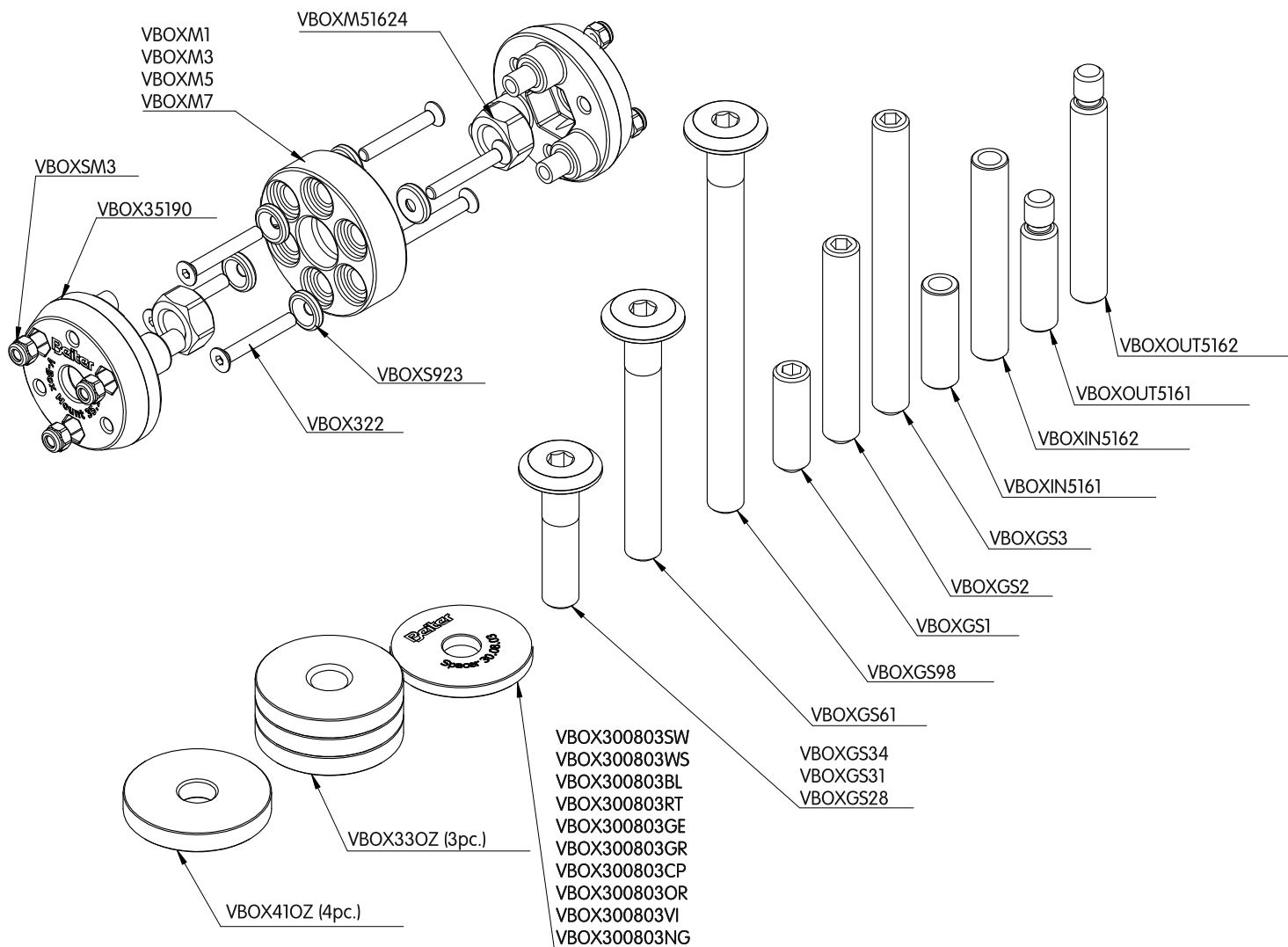
V-BOX, 30-20mm base plate, 2 x 1 oz. weights with 1" x 1/4" to 5/16" adapter thread mounted on the rear. 3 x 1 oz. weights with 2 spacers in front and 34mm thread. Total weight: ~218 grams / ~7.7 oz.

V-BOX, 30-20mm base plate, 2 x 1 oz. weights with 1" x 1/4" to 5/16" adapter thread mounted on the rear. 2 x 3 oz. weights with 6 Spacers in front and 61mm thread. Total weight: ~320 grams / ~11.3 oz.

V-BOX, 30-20mm base plate, 1 x 3 oz. weight + 1 x 1 oz. weight, 6 compensation spacers with 2" x 1/4" to 5/16" adapter thread mounted on the rear. 2 x 3 oz. weights with 6 compensation spacers in front, and 61mm thread. Total weight: ~385 grams / ~13.6 oz.

V-BOX, no base plate, 4 x 3 oz. weights, with 3" thread mounted in the back. 3 x 3 oz + 1 x 1 oz. weight with 61mm thread in front. Total weight: ~675 grams / ~24 oz. - **MAXIMUM WEIGHT FOR THE BEITER V-BOX SYSTEM!**





#### Which accessories are available to optimise the Beiter V-BOX?

- Beiter stainless steel weights. 1 oz. (5mm, ~28,35 grams) or 3 oz. (15mm, ~85 grams)
- Beiter Compensation Spacer 30.08.03 - 30x3mm, (2,2 grams - ~ 0,078 oz.)  
available in the following colours: Yellow, Red, Blue, Black, White, Green, Orange, Purple, Neon Yellow
- Stainless steel front screw available in the following lengths: 28mm (max. 4 oz., 13,25 grams - 0,47 oz.), 31mm (max. 4 oz., 15 grams - 0,53 oz.), 34mm (max. 5 oz., 16 grams - 0,564 oz.), 61mm - (max. 10 oz., 23,6 grams - 0,83 oz.).
- A stainless steel screw 98mm (35,25 grams - 1,24 oz.) is available, NOT to be used for the V-BOX, but eventually on stabilizer systems with 5/16"-24 IN (e.g. a Beiter Centralizer with adapter 5/16"-24) - maximal possible weight 18 oz.!**
- Stainless steel set screw available in the following lengths: 1" /25,4mm (max. 1 oz., 7,25 grams - 0,26 oz.), 2" /50,8mm (max. 5 oz., 15,5 grams - 0,55 oz.), 3" /76,2mm (max. 11 oz., 23,75 grams - 0,84 oz.)

#### For stabilizer systems with a 1/4" thread, you can use following adapters:

- Stainless steel adapter 1/4"-20 UNC IN to 5/16"-24 UNF  
VBOX14IN5161 - 1" (max. 3 oz., 25mm, 7,25 grams - 0,26 oz.)  
VBOX14IN5162 - 2" (max. 8 oz., 50mm, 15,5 grams - 0,55 oz.)
- Stainless steel adapter 1/4"-20 UNC OUT to 5/16"-24 UNF  
VBOX14OUT5161 - 1" (max. 3 oz., 25mm, 7,25 grams - 0,26 oz.)  
VBOX14OUT5162 - 2" (max. 8 oz., 50mm, 15,5 grams - 0,55 oz.)

#### Spare Parts:

- Membranes: VBOXM1 - #1 X-tra Soft, VBOXM3 - #3 Soft, VBOXM5 - #5 Hard, VBOXM7 - #7 X-tra Hard.

**ATTENTION: Membrane #1 to be used with max. 5 oz. in front!!**

- VBOX322 - Stainless steel screw M3x22
- VBOXS923 - Disk for M3 screw
- VBOXM3 - Nut M3
- VBOXM51624 - Nut 5/16"-24
- VBOX35190 - Mount 35.19.0