BLACK CARBON

BIS500 T-PLATE TARGET STAND KIT

SUPER EASY INSTRUCTIONS!

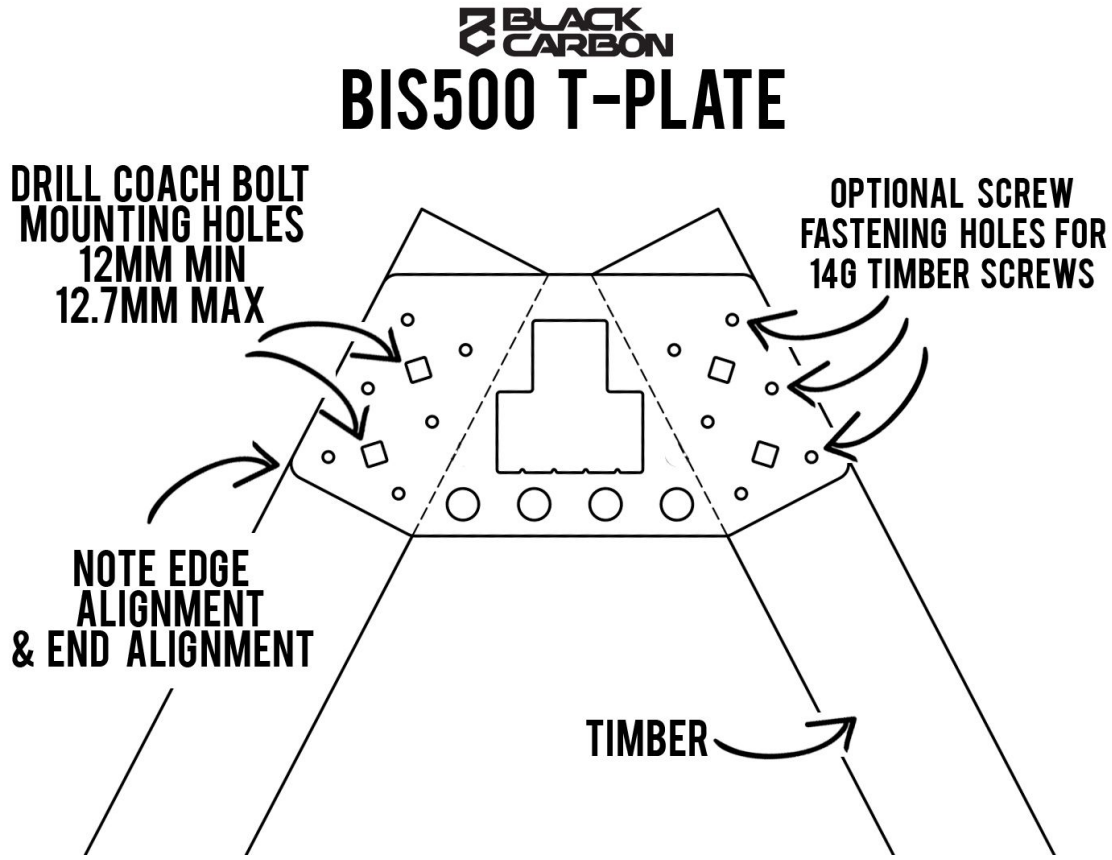
The T-Plate Target kit comprises of two Bisalloy 500 T-Plates and all the zinc plated bolts and nuts required for assembly and mounting of your targets.

The Kit does not include wood, which is required to make the target stand. The wood size needed is 90 x 45.
This is a common use framing size timber, low cost and available at most timber yards.
As an example: 3 pieces of 90x45 x 3000 should cost between $30-$35. Cut in half, this will provide 6 pieces of 90x45x1500mm. (4 for the legs, 1 for the cross beam, and 1 as a spare)

Assembly first time around (including drilling) will take 10-15 minutes approximately. Disassembly and reassembly is about 2-5 minutes.

IMPORTANT:

- It is important to **ONLY** use **90 x 45** size timber for crossbeam.
- The timber can be of any length, we recommend 150cm to 180cm long, you will need a minimum of **5 pieces.**
- You can use an 18mm deep socket wrench, 18mm ring spanner or a shift spanner to tighten nuts.
- You will need a drill: 1 - 12mm drill bit and 1- 8mm drill bits



(Image One)

1. Using the T-Plate as a stencil, as shown in **(image one)**. Drill 12mm minimum (12.7 or ½" maximum) hole through the timber for using supplied coach bolts.

2. (Image Two)

Place the T-Plate on the end of your first post ensuring that it is flush with the side of the post, and is just under the top of the post as shown with arrows in **(image one)**. Using supplied coach bolts, place coach bolts through T-Plate first, then through the timber with drilled holes.

Now that your cup head bolts are through the timber, add your washers and hex nuts. Lightly tighten nuts to a point where you can still move legs toward and away from each other, Final tightening can happen once stand is fully assembled to help compensate for any variations in ground level.

3. (Image three) Repeat this process on all leg pieces of timber. When complete, you should have two frames that look like the letter **"A"**

4. (Image Four) Once frames are complete,

Stand up one "A" frame, and place your timber crossbeam through the upside down letter "T" cavity in the plate. Repeat process with opposite "A" Frame. The timber crossbeam can be run vertically or horizontally. Vertically offers more crossbeam strength, horizontally offers less accidental strike area. There is no right or wrong way, just personal preference. **(Image four)** 50mm-75mm (2"-3") of timber should be sticking outside T-Plate once frame are lent inwards.

5. (Image Five) Drill 4 - 8mm holes in your center beam, which will hang your targets. Ensure spacing is not too large as this will help your targets to swing. Ideal hole spacing is between 200mm - 250mm centres. Try to keep holes central of your horizontal beam line, halfway to each edge of the 90mm face as this will evenly present targets.

6.) Insert 8mm coach bolts through drilled holes, from the direction of fire, i.e cup head bolts/coach bolts should be facing dome of bolt towards firing line. Place flat washers over threads, tighten using supplied ring nuts.

7.) Finally, tighten leg connection bolts to give stability to your target frame, ensure that the cross beam has wedged itself between the two "A" frames as shown in the picture below.

Hang your targets and now your Target Stand is ready to use!

Be safe, Have Fun and Happy Shooting!

Any questions, please contact us.

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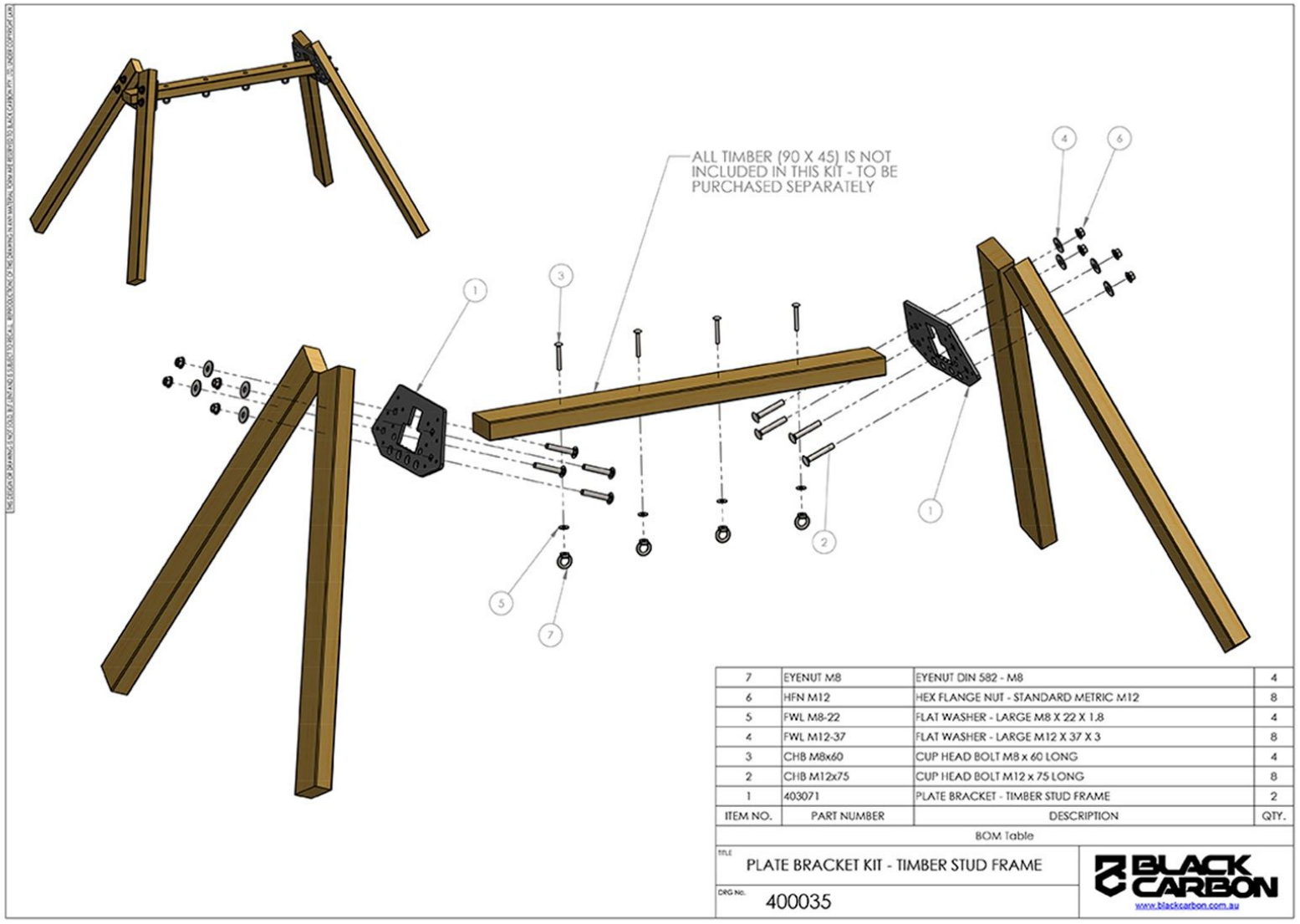
Find us on Facebook and Instagram at @BlackCarbonOfficial



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
7	EYENUT M8	EYENUT DIN 582 - M8	4
6	HFN M12	HEX FLANGE NUT - STANDARD METRIC M12	8
5	FWL M8-22	FLAT WASHER - LARGE M8 X 22 X 1.8	4
4	FWL M12-37	FLAT WASHER - LARGE M12 X 37 X 3	8
3	CHB M8x60	CUP HEAD BOLT M8 x 60 LONG	4
2	CHB M12x75	CUP HEAD BOLT M12 x 75 LONG	8
1	403071	PLATE BRACKET - TIMBER STUD FRAME	2

BOM Table

TITLE
PLATE BRACKET KIT - TIMBER STUD FRAME

DRG No.
400035

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