

10 PCE METRIC FLARING KIT

User Manual



General Information

Thank you for purchasing a BlueSpot product, you can find further information on our range at **www.BlueSpot.uk.com**. Please ensure that you are using the product correctly and that all guidance and cautions are followed in accordance with the instructions. Please retain these instructions for future reference.

Safe use

Please make sure that you read these instructions carefully in order to avoid injury when using the tool. Follow all health and safety rules and regulations. If in doubt and available please contact a more knowledgeable source.

DO NOT use if damaged.

- If tool is damaged do not use as this may cause damage to property or injury.
- As with all vehicle testing and maintenance please use appropriate fixing such as axel stands or wheel chocks.
- Maintain tool in good and clean condition for best and safest performance.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- Keep children and unauthorised persons away from the work area.
- Always dress appropriately and wear the correct PPE such as goggles and a dust mask if required.

Refer to vehicle manual and contact manufacturer if unsure. These instructions are intended as a guide only.

Introduction and Specification

The BlueSpot 10 Piece Metric Flaring Kit is specially designed for flaring aluminium and copper brake pipes. The kit can be used to make single or double flares. Includes handy carrying case for quick and convenient storage.

The 10 Piece Metric Flaring Kit includes a flaring tool, steel compressor yoke and 7 flaring die in sizes 5, 6, 8, 10, 12, 14 and 16mm.

Product Details

1. Die Press
2. Handle
3. Die
4. Flaring Block
5. Pipe-Securing Bores
6. Block Wingnuts
7. Flaring Tip
8. Securing Hooks

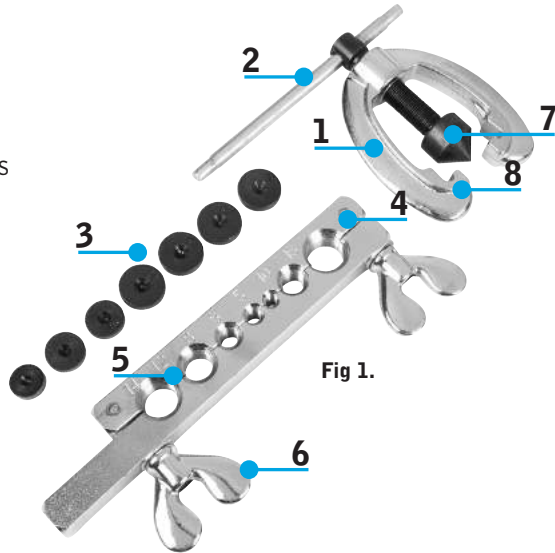


Fig 1.

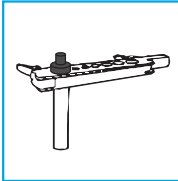


Fig 2.

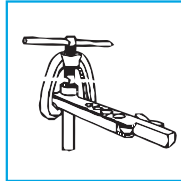


Fig 3.

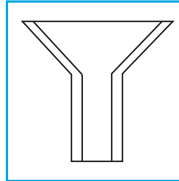


Fig 4.

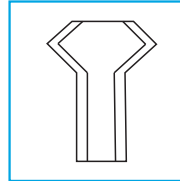
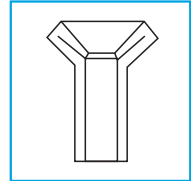


Fig 5.



How to Use

How to secure the pipe into the Flaring Block

1. Loosen the two Block Wingnuts on the Flaring Block.
2. Check your pipe diameter and place the pipe into the corresponding Pipe-Securing Bore. Ensure the end of the pipe protrudes the thickness of the upturned die above the Flaring Block (Figure 1)..
3. Firmly secure the pipe in place by tightening the Block Wingnut nearest to the pipe and then the other. Ensure the Block Wingnuts are securely tight ened so that the pipe does not slip during flaring.

How to Use (continued)

How to create a single flare

1. Secure the compatible pipe into the appropriate Pipe-Securing Bore. (For instructions check how to secure the pipe into the flaring block).
2. Place the Die Press over the pipe carefully with the Securing Hooks on the underside of the Flaring Block, ensuring the Flaring Tip is positioned directly above the end of the pipe and in line with the edge of the die (Figure 2).
3. Turn the handle clockwise slowly so the Flaring Tip extends downwards toward the pipe and flares the pipe end to a 45° angle (Figure 3).

How to create a double flare

1. Secure the compatible pipe into the appropriate Pipe-Securing Bore. (For instructions check how to secure the pipe into the flaring block). Place the corresponding size Die into the pipe and Pipe-Securing Bore and insert the Die shaft into the pipe.

Note: Apply a small amount of appropriate lubricant to the underside of the Die.

2. Carefully position the Die Press over the pipe, with the Securing Hooks on the under side of the Flaring Block and ensure the Flaring Tip is directly above and in line with the Die.
3. Slowly turn the Handle clockwise so the Flaring tip extends downwards towards the Die. Ensure the Flaring Tip is aligned accurately to apply even pressure on the Die. Turn the Handle until the pipe tube reaches the upper shoulder of the Die (Figure 4).
4. Unwind the Flaring Tip and remove the Die. Reposition the Die Press and Flaring Block and align the Flaring Tip with the pipe (Figure 2). Turn the Handle clockwise slowly, ensuring accurate alignment to apply even pressure. Turn the Handle until the Flaring Tip extends into the pipe and the double flare is created (Figure 5).

Find out more about the BlueSpot® Lifetime Guarantee at www.BlueSpot.uk.com

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