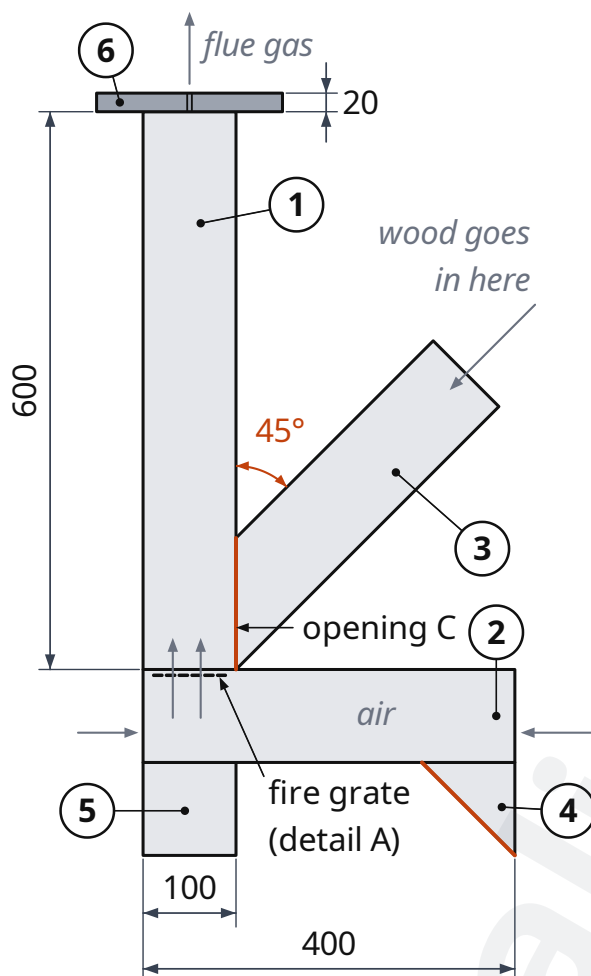
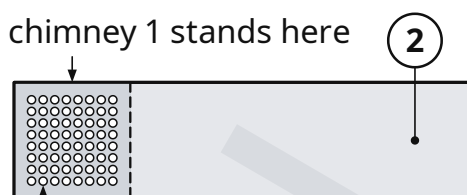


Side view**A Fire grate**

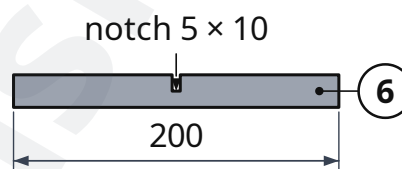
channel 2 from above, before the chimney is welded on

chimney 1 stands here



A 64 holes Ø7, 10 mm apart

The fire grate is the holes in the top wall of channel 2, under the chimney. Wood lies on them, air comes from below.

B Pot support

Two pieces, crossed, the second one notch down.

Cut parts 1-5 from one 1.5 m length. Buy 1.6 m to allow for the saw cuts.

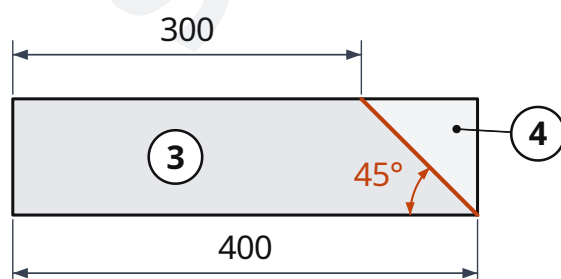
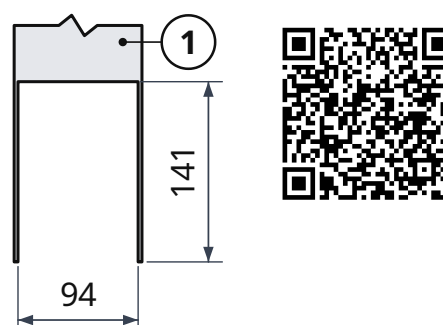
The 45° cuts and the angle itself are marked in orange.

Full article on how the stove works and how to build it:

survivalism.pl/en/what-is-a-rocket-stove-diagram-and-construction/

Based on: Steel Rocket Stove by HankDruck, CC BY 4.0

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D Cutting parts 3 and 4**C Chimney: feed opening**

Cut list

No.	Part	Material	Length	Cut angles	Qty
1	Chimney	box section 100 × 100 × 3	600	90° and 90°	1
2	Air channel		400	90° and 90°	1
3	Feed tube		400 / 300	45° and 90°	1
4	Front leg		offcut of 3	45° and 90°	1
5	Rear leg		100	90° and 90°	1
6	Pot support	flat bar 20 × 5	200	90° and 90°	2

400 / 300: long and short edge of the feed tube (D). 90° is a square cut.
Also: opening C in the chimney, fire grate A in the channel, notches B.

Assembly

1. In the top wall of channel 2, where the chimney will stand, drill 64 holes: this is fire grate A (detail A).
2. Set chimney 1 over the grate, opening C to the front, and weld.
3. Put the slanted end of feed tube 3 to the opening and weld.
4. Weld legs 4 and 5 under the channel. Leave its ends open.
5. Cross the pot supports 6 and tack-weld them to the chimney.

Rocket stove for cooking survivalism.pl		box section 100 × 100 × 3 dimensions in mm
Based on: Steel Rocket Stove by HankDruck, printables.com/model/497701 , CC BY 4.0, changes: 2D drawing, translation, simplification You may copy and share this drawing if you credit survivalism.pl (CC BY 4.0 licence).		
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