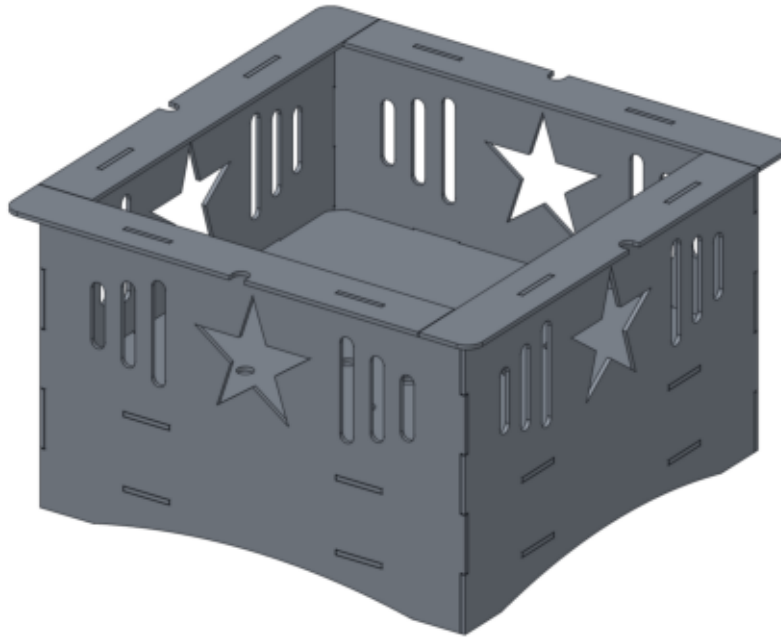
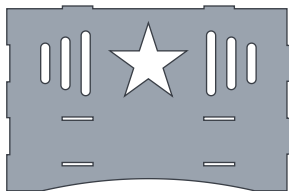


Lone Star S'mores Pit, 14 in

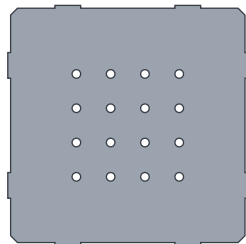


A 14-inch tabletop fire pit for s'mores that you weld yourself. Ten laser-cut 10 ga steel parts lock together with box-jointed corners and tabs, with a charcoal grate, an ash tray underneath and roasting-stick rests in the rim.

What's in the box



Side panel x4
Part SP14-01



Floor grate x1
Part SP14-02



Ash tray x1
Part SP14-03



Rim strip x4
Part SP14-04

What you'll need

- MIG or flux-core welder (a 120 V machine handles 10 ga)
- Angle grinder with a flap disc
- Two or more small clamps and a small square
- Rubber mallet
- Welding helmet, gloves, jacket and safety glasses

Lone Star S'mores Pit, 14 in

1

Lay the first panel flat

Lay one side panel outside face down on a flat surface. You'll build the pit lying on its side, so no jig is needed.

TIP

Work on a flat, level surface; a welding table is ideal.



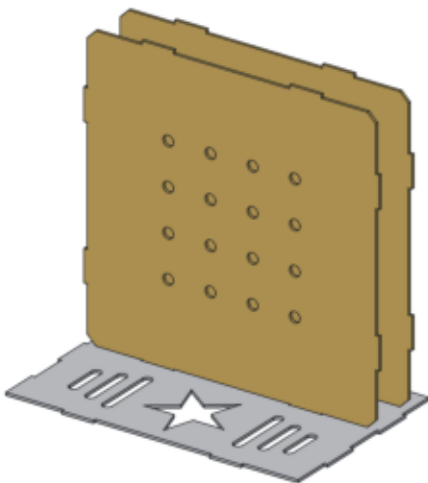
2

Stand the grate and tray in it

Push the ash tray's tabs into the row of slots nearer the arch, and the floor grate (the plate with holes) into the row farther from it. Both plates stand straight up.

TIP

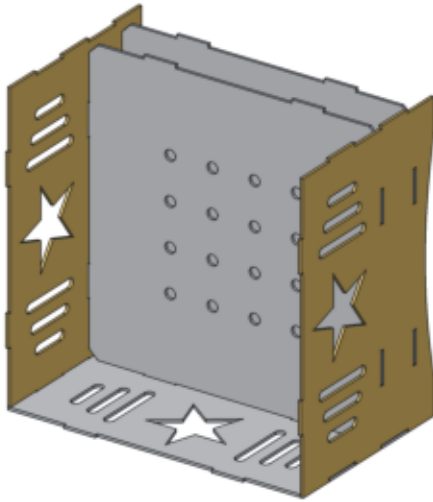
A small square or clamp holds the plates upright while you add the next panels.



Lone Star S'mores Pit, 14 in

3

Add the two side panels



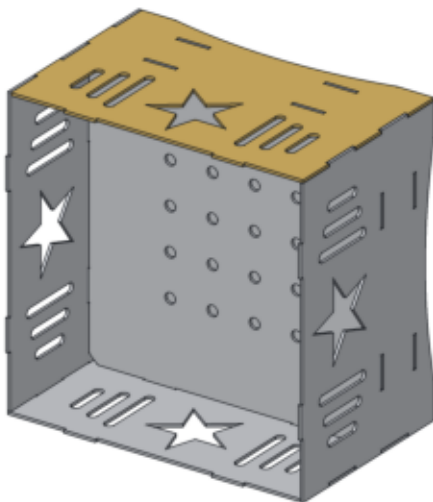
Slide a panel in from each side, straight in square to its face, so its slots take the grate and tray tabs and its corner fingers mesh with the bottom panel.

TIP

All four panels are identical.

4

Close the box

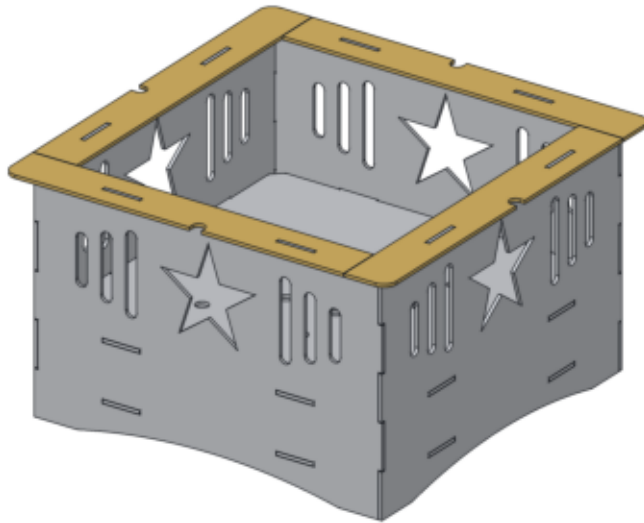


Lower the last panel onto the top so its slots take the grate and tray tabs and its fingers mesh at both corners. Clamp, check that it's square, and tack each corner and every tab.

Lone Star S'mores Pit, 14 in

5

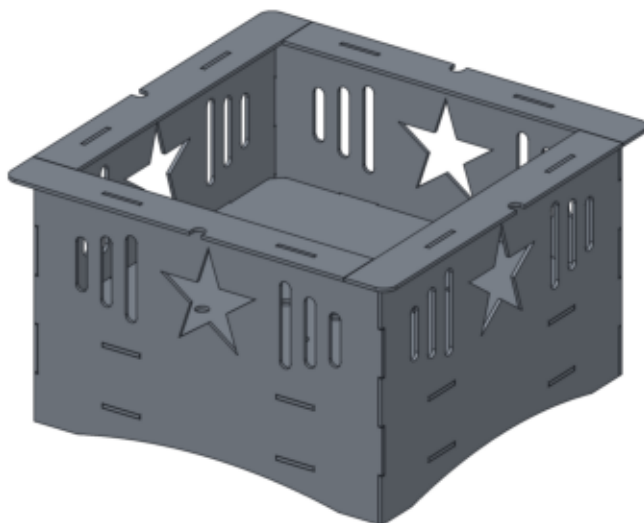
Stand it up and set the rim



Turn the pit upright on its legs. Drop each rim strip over the two tabs on a panel top, rounded corner to the outside. The notch in the middle of each strip rests a roasting stick.

6

Weld it out



Weld the four outside corners along the finger joints, then the grate and tray tabs from outside, then the rim tabs and rim joints from the top. Grind the rim smooth; hands go near it.

TIP

Short stitches and moving around the pit keep the small panels flat.

Lone Star S'mores Pit, 14 in

Finishing

- The parts ship bare with a light oil film. Wipe them down with a degreaser before welding.
- Grind the rim and every edge smooth, since hands and roasting sticks go near it.
- Paint the outside with a high-heat paint rated to 1200 F; leave the inside bare.

Fire safety

- Outdoors only. Burning charcoal makes carbon monoxide; never use it indoors, in a garage or under a closed roof.
- Burn only charcoal or small dry hardwood. Never use gel fuel, alcohol or other liquid fuels, and never add lighter fluid to a lit fire.
- Use it only on stone, concrete, tile or metal. Never on wood, glass, plastic, a tablecloth or a wood deck.
- Keep it away from umbrellas, overhangs and anything that burns. Check local burn bans first.
- The steel and the ash tray get hot. Don't move it while lit, and let it cool completely; it can stay hot for an hour.
- Supervise children with roasting sticks, and keep water or an extinguisher nearby.

This is a kit of raw steel parts. You build the finished product, and the quality of your welds and your judgment about where and how you use it are yours. Weld with proper ventilation and protective gear, and never leave a fire unattended.