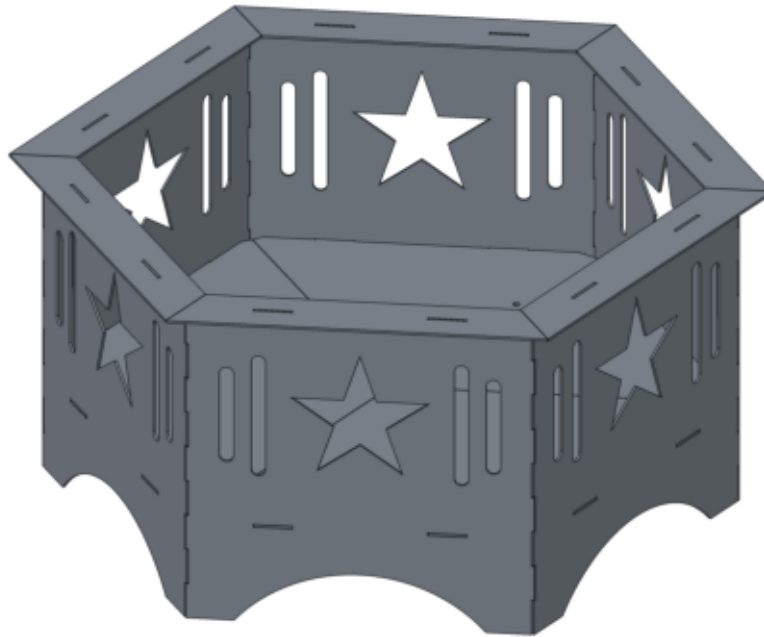
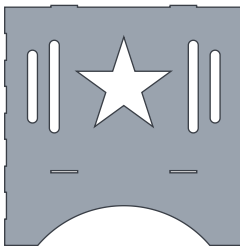


Lone Star Hex Fire Pit, 36 in



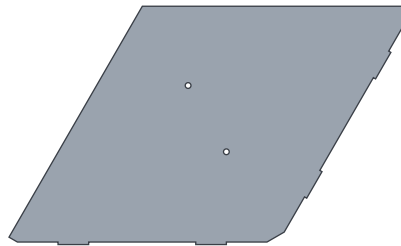
A 36-inch hexagon fire pit you weld yourself. Fifteen laser-cut 10 ga steel parts: six identical panels whose angled finger joints line up the corners, a three-piece floor on tabs and a six-piece cap rim.

What's in the box



Side panel x6

Part HX36-01



Floor section x3

Part HX36-02



Rim piece x6

Part HX36-03

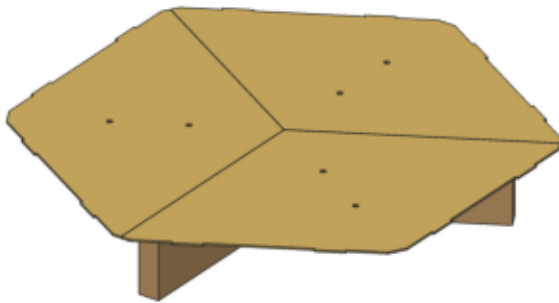
What you'll need

- MIG or flux-core welder (a 120 V machine handles 10 ga)
- Angle grinder with a flap disc and wire wheel
- Six or more clamps (F-clamps or locking pliers)
- Tape measure
- Rubber mallet and a flat file
- One 2x6 board, at least 37 in long, cut into three 12 in blocks
- Welding helmet, gloves, jacket and safety glasses

Lone Star Hex Fire Pit, 36 in

1

Set the floor on three blocks



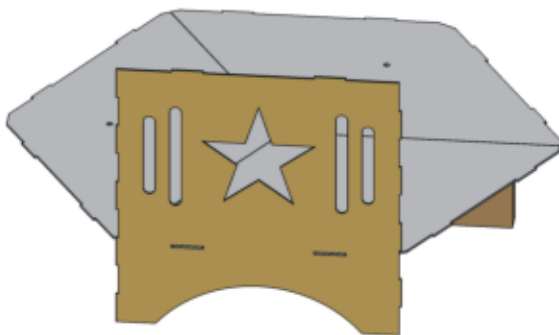
Cut a 2x6 into three 12 in blocks. Stand them on edge in a Y, like spokes, on a flat surface; on edge they hold the floor at its finished height of 5-1/2 in. Lay the three floor sections on top with their points together in the middle, so each seam sits over a block. The sections are identical.

TIP

Work on a flat, level surface; a welding table or smooth concrete floor is ideal.

2

Hang the first panel



Slide a side panel onto the two floor tabs on one side, from the outside. The tabs pass through the panel's two lower slots. The star faces out and the arch is at the bottom.

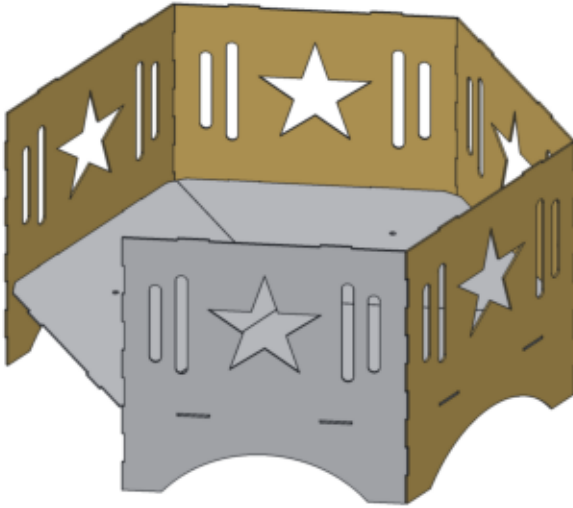
TIP

A rubber mallet helps if a slot is tight. Do not force it; clean the slot with a file instead.

Lone Star Hex Fire Pit, 36 in

3

Work around the ring



Bring the next panel in beside the first. Push it straight in toward the center so its floor tabs enter the slots and its corner fingers slide between the first panel's fingers. Add the next three panels the same way, working around the pit.

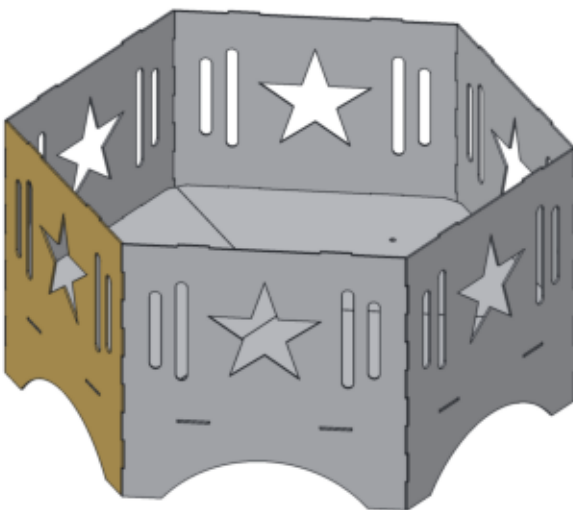
TIP

All six panels are identical, so any panel fits any side.

A clamp across each finished corner keeps the panels from leaning out while you work.

4

Close the ring and check it



Push the last panel in so its fingers mesh with both neighbors. Clamp the corners, then measure the three distances across opposite corners; tap corners in or out until they match within 1/16 in. Tack each corner top and bottom and tack every floor tab. Then lift the pit straight up off the blocks (it is open underneath); from here the legs carry the floor.

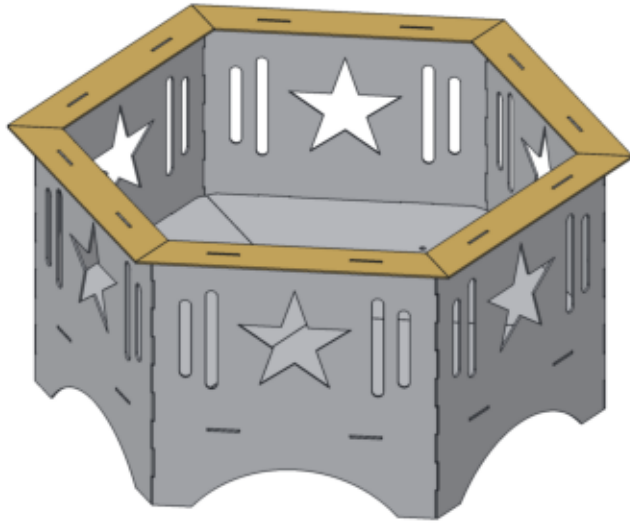
TIP

Keep the blocks clear of the arc. Tack lightly near the wood, or move them before welding near the floor.

Lone Star Hex Fire Pit, 36 in

5

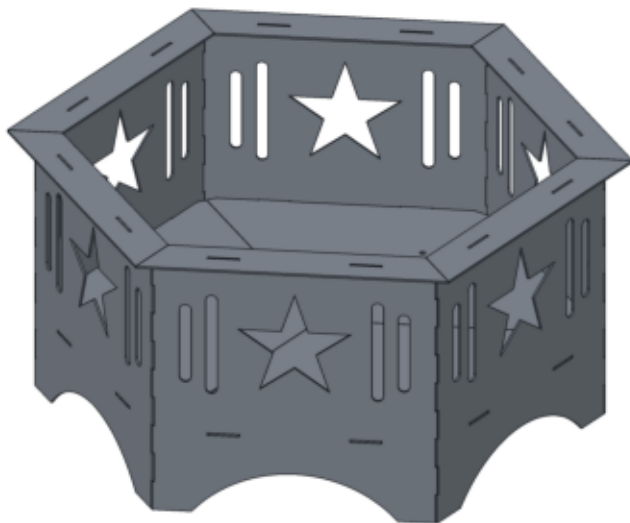
Set the rim



Drop each rim piece over the two tabs on top of a panel, long edge to the outside. The mitered ends meet at every corner, and the tabs finish flush with the top of the rim. Tack each piece at every tab.

6

Weld it out



Weld each outside corner along the finger joint, then the three floor seams. Stitch 1 to 2 in welds and move around the pit so the heat spreads evenly. Weld the floor tabs from outside, then the rim tabs and the six rim miters from the top. Grind the miters and tabs flush for a clean look.

TIP

The angled fingers leave a small V along each outside corner. It is a ready-made weld groove: fill it with a steady bead.

Stitch welding (weld 2 in, skip ahead, come back later) keeps 10 ga panels flat.

Lone Star Hex Fire Pit, 36 in

Finishing

- The parts ship bare with a light oil film. Wipe them down with a degreaser before welding.
- Grind off weld spatter, then sand or wire-wheel the outside surfaces you plan to paint.
- Paint the outside with a high-heat paint rated to 1200 F, in two or three thin coats.
- Leave the inside bare. A fire will burn paint off the inside, and bare steel there is normal.
- Or skip paint entirely and let it weather to a natural rust patina.

Fire safety

- Use outdoors only, at least 10 ft from buildings, fences, overhangs and trees.
- Set it on a non-combustible surface such as pavers, gravel or bare soil, never a wood deck or dry grass.
- Check local burn rules and county burn bans before every fire.
- The steel gets hot enough to burn skin. Keep kids and pets back.
- Keep a hose or extinguisher nearby, and drown the fire completely before you leave it.

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.