

Spark Your PROJECT



DIY Welding Project: Lighted Globes

Tools & Materials Needed:

- Handler 140® MIG welder
- Angle grinder with cut off wheel or band saw
- Clamps
- Paint
- Metal roller to form rings (optional)
- 2' globe: 1/2" x 1/8" x 6.28' flat bar (6pcs)
- 3' globe: 1/2" x 1/8" x 9.42' flat bar (6pcs)
- 4' globe: 1" x 1/8" x 12.57' flat bar (7pcs)



Steps:



STEP 1
Cut flat bar to desired length.



STEP 2
Form flat bar into a ring with a roller or by hand.



STEP 3
Repeat process to create additional rings.



STEP 4
Use scrap flat stock & clamps to secure ring ends together.



STEP 5
Weld the first ring.

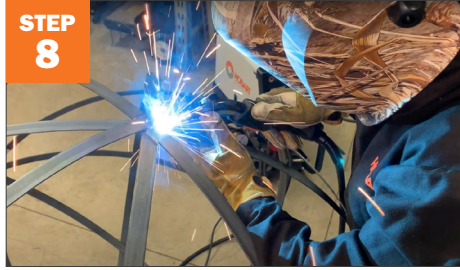


STEP 6
Weld second ring.

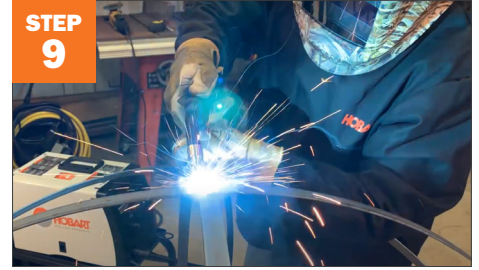
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Weld first four rings as shown.



Turn globe 90 degrees and weld remaining rings.



Weld around the globe where the rings intersect.

Full Video: <https://youtu.be/fFuhEbBRqVk>

For more project ideas visit <https://www.hobartwelders.com/>