



Level 1-3 4in(10cm) Open Apparatus – Steel Strap Omni

Materials for 1 Lane

4 Omni Stands

- 8 - LSTA 1-1/4 in x 18 in 20-Gauge Galvanized Strap Tie
[HomeDepot LSTA 18" Tie Strap](#) . [Lowes LSTA 18" Tie Strap](#) [Amazon LSTA 18" tie Strap](#)
- 20 - #6-32 x 1/2" Flat Head Screws, 16 - Nylon Lock Nuts and 4 - Wing Nuts
[HomeDepot #6-32 1/2" Machine Screw](#) [#6-32 Wing Nut](#) [#6-32 Nylon Lock Nut](#)
[Lowes #6-32 x 1/2" Machine Screw](#) [#6-32 Wing Nut](#) [#6-32 Nylon Lock Nut](#)
[Amazon #6-32 Flat Head Machine Screw](#) [#6-32 Wing Nut](#) [#6-32 Nylon Lock Nut](#)
- 1 - 3/16 Hard Metal Drill Bit - [HomeDepot 3/16 Drill Bit](#) [Lowes 3/16 Drill Bit](#) [Amazon 3/16 Drill Bit](#)
- 20 - Magnets - [Amazon FINDMAG 10 Pack 110lb Neodymium Magnets](#)
- 20 - Fender Washers
[HomeDepot 3/16 Fender Washer](#) [Lowes 3/16 Fender Washer](#) [Amazon 3/16 Fender Washer](#)
- 10 - Black Qt buckets - [Uline Black Qt Bucket](#)
- 10 - White Qt buckets - [Uline White Qt Buckets](#)
- 1 - Landing Pad - [Amazon SYMIK LP690 27-inch Landing Pad](#)
- 1 - 100' Tape Measure - [Amazon Craftsman 100' Measuring Tape](#)
- 10 sheets of 3.5" stickers - [Online Labels](#)
- Sticker File - [Level 1-3 4in\(10cm\) Open Lane '24-01](#)

Bending Jig Instructions

Secure 2 - 8" 2x2s centered to the top edge of a 18" x 6" piece of 3/4" Plywood or similar backing
Mark 45-degree angles going from the top edges of the bottom 2x2 down towards the bottom edge of the backing
Space the 2x2s apart with 2 of the 18" metal tie straps while securing to the 2x2s to the backing.
Place a screw in the gap between the 2x2s at 7" from one side to create a stop for the straps.
Make a center mark on the bottom edge of the backing to mark center on the metal tie straps for drilling
Secure the straps on top of each other with 4 screws to the backing and use a punch to mark and drill the center hole and holes 5" in from each end of the straps





Level 1-3 4in(10cm) Open Apparatus – Steel Strap Omni

Bending Jig Instructions

Take 2 metal straps and place one end into the Jig up to the screw stop, bend until the angle matches the 45-degree mark on the backing

Flip and slide the other end to the screw stop and bend to the 45-degree mark

Using the 1" side of the jig bend 1" feet on both legs



Attach Magnets to Omni

Fasten the magnets on the Omni legs with screws and nylon lock nuts Fasten the magnet on top with a screw and wing nut



When folding the Omni legs lift the top strap gently and center over the bottom strap





Level 1-3 4in(10cm) Open Apparatus – Steel Strap Omni

Attach Fender Washer to Bucket

Center the fender washer on the back of sticker and place centered into the bottom of the bucket

