

## Mast Coupler

January 2026

The mast coupler kit consists of:

- One 8 inch aluminum T6061 pipe with and outside diameter of 1.5 inches and inside diameter of 1.33 inches
- Three  $\frac{1}{4}$  X 20 x 2 in. hex bolts with nuts

Because the center post extension on the bottom of the base plate is too large to be inserted into the steel push up mast and too small to fit over the steel push up mast, the mast coupler solves this problem simply and inexpensively.

The coupler is designed to allow the hexbeam center post extension below the baseplate to be coupled to a standard steel push up mast offered by Rohn and Channel master.

The standard steel push up masts have an outside diameter of 1.25 inches on the upper section. This coupler will slip over it with a slight bit of slack.

To minimize any wobble on the push up mast, it is recommended that two holes be drilled for cross bolts in the coupler and the steel push up mast. Use a hand drill and a  $\frac{1}{4}$  inch drill bit.

The coupler can then be bolted to the mast. When the hexbeam is ready to attach to the mast, it can be dropped down into the coupler and then a single cross bolt hole can be drilled anywhere in the top section of the mast coupler.

This should result in a very strong and very simple attachment method.

