



Edson recommends installing an autopilot independent of the primary steering system. This provides a backup system in the event there is a steering gear or cable failure-in effect an “electronic emergency tiller”. Edson autopilot tiller arms allow the autopilot to be mounted independently of the primary steering system and should be used to attach an autopilot to the rudderpost. In no case should the autopilot be attached directly to the quadrant or radial drive wheel. Tiller Arms are NON-RETURNABLE. Please measure carefully. See current [tiller arm price page](#) for additional machining charges on special bores, square bores, keyways, or set screws.

What does Edson need to know in order to machine a tiller arm specific to your boat?

Rudder Post Diameter



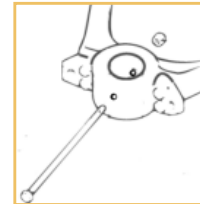
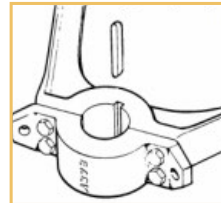
Tiller Arm Style

Material
Bronze or Aluminum

Size
10”, 15”
or Large Bore

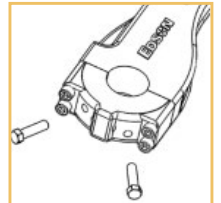
Securement Method

Key and Keyway



Through-Bolt

Set Screws



Measuring The Rudder Post

All tiller arms are custom machined to match the rudder post diameter. The measurement on the rudder post should be taken with digital calipers to an accuracy of 0.001” (For Example: 2.375” diameter). Please watch the video linked to the right. [Measure the rudder post.](#)

Choosing a Tiller Arm

Edson offers an array of tiller arms based on customer needs and autopilots. For tiller arm pricing visit [Here.](#)

10” Tiller Arms (Bronze or Aluminum)

- For rudder posts up to 3.25”
- 1” channel height to accept autopilot ram
- Accepts autopilot pin locations between 6” and 10”



926-10-610-MKII



926AL-10-610MK2

15” Tiller Arms (Bronze or Aluminum)

- For rudder posts up to 3.25”
- 0.75” channel height to accept autopilot ram
- Accepts autopilot pin locations between 11” and 15”



926-15-610



926AL-15-610

Large Bore Tiller Arms (Bronze or Aluminum)

- For rudder posts between 3.26” and 5”
(Larger cap to accommodate the larger bore)
- 1” channel height to accept autopilot ram
- Accepts autopilot pin locations between 7” and 11”



926-10-14-MKII



926AL-10-14-MK2

Autopilot Tiller Arms for J Boats (Aluminum Only)

- For J/37, J/40, J/42, J/44, J/46, J/105, J/120, J/130 (Part #836AL-J-12)
- For J/160 (Part #836AL-J-160)
- Contact Edson if your J-Boat is not shown here
- This tiller arm is potted onto the post and is not custom bored with a securement method



Select a Securement Method

While tiller arms are custom machined for your rudder post, a securement method must always be selected. The three securement options are:

- Keyway
- Through Bolt
- Set Screws

Go to [EB380-2](#) for help determining which securement method to use.

Square Rudder Posts

If your boat has a square rudder post, Edson needs the following information:

1. The leg length of the square
2. The degree in which the angles of the square point
3. Points Fore and Aft would be as shown in the red below with the points at 0° and 180°
4. Flats Fore and Aft would be as shown in the blue below with the points at 135° and 315°



General Information

Tiller arm opening:
1" for 10" Tiller Arms
3/4" for 15" Tiller Arms

IMPORTANT: Autopilot Ram **MUST** be installed inside the channel, not above or below.

Arm is open on one side to accept Autopilot Rod End. (Clevis is available if needed - see Edson Part 619)

Pin hole should be machined by the installer only after correct location is determined. (One 12mm pin is furnished at no charge)

Length 10" or 15"

HEIGHT 1 1/8"

Autopilot pin location determined by pilot manufacturer. Please see autopilot specs for required pin location.

Order Details Order online or submit to info@edsonmarine.com before placing the order

Customer Name: _____

Company Name (If Applicable): _____

Phone: _____

Email: _____

Boat Type/Model: _____

Length: _____

Year: _____

Autopilot Make/Model: _____

Tiller Arm & Machining Details

Tiller Arm Material:	Bronze	Aluminum
Tiller Arm Length:	10 inches	15 inches

Bore Size (taken with calipers to an accuracy of 0.001"): _____

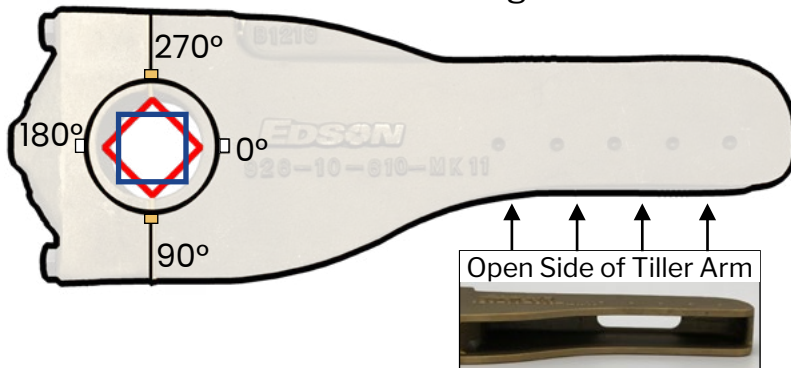
Securement Methods

Please select one of the securement methods and fill in any required information.

1	Key (Specify Key Size)		
2	Through Bolt (Select bolt size)	3/8-inch (Standard)	Other:
3	Set Screws (Only if options 1 & 2 are not possible)	3/8-inch (Standard)	Other:

Notes: _____

Mark the location of the keyway and note the degrees from 0 on the diagram below.



Non-standard keyways within 20° of 270° and 90° (marked in yellow on the tiller arm above) need to be reviewed before the order is accepted.

Standard keyways are located at 0° and 180°.

For square bores see page 2.

Sketch Location/Orientation of Tiller Arm & Autopilot	
Port	Stbd.