

Benefits

The **Axion Rotary Interface** is quiet, free running and it does not require lubrication. The range of rotation can be limited or stopped by means of a simple knob control. This allows the headrest to be positioned at a fixed angle or be free running. Some drag may be introduced to slow the rotation, if desired.

Usually the Axion will be used to allow free lateral rotation of the head with the headrest. This permits the head to be fully supported by the headrest as it rotates. The benefit of this to those with muscle weakness is assured support from the headrest as they rotate laterally.

For those with good muscle tone but having a tendency to rub frequently against a headrest, the Axion allows the headrest to move with their head. This can reduce or eliminate the friction between the head and the headrest, so reducing hair loss or abrasion of the head.

Sizes - Product Numbers

- Axion 6019 permits 60 degrees of rotation, fits 19 mm (3/4") ball
- Axion 6025 permits 60 degrees of rotation, fits 25 mm (1") ball
- Axion 60R82 permits 60 degrees of rotation, fits R82 (Snug Seat) hardware & headrest
- Axion 9019 permits 90 degrees of rotation, fits 19 mm (3/4") ball
- Axion 9025 permits 90 degrees of rotation, fits 25 mm (1") ball
- Axion 90R82 permits 90 degrees of rotation, fits Snug Seat (R82) hardware & headrest

Note:

The Axion 6019 and the Axion 9019 include a WA19 adaptor for 17-19 mm (3/4") (Whitmyer & Stealth) hardware.

The Axion 6025 and the Axion 9025 include a ring to attach a headrest with a 25 mm (1") socket.

Application



The Axion can be used with a wide range of headrests.

Netti Adaptors

Part # NA-150 & NA-250

These adaptors allow the Axion 6025 and Axion 9025 to be fitted to Netti hardware.



Twin Headrest Hardware

Part #TWIN HH

This hardware allows the Axion 6025 and Axion 9025 to be fitted to a wheelchair back. The Axion 6019 and Axion 9019 can be fitted to Whitmyer and Stealth hardware.



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The Axion

Rotary Interface for Wheelchair Headrests

The Axion Rotary Interface for Wheelchair Headrests can be attached to most headrests and hardware. It allows headrests to freely rotate, improving the function of the user.

The Axion is applicable to those with limited head control, limited range of motion or field of vision. It is also applicable to those who frequently rotate their head against a headrest.



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Fitting Instructions

Choosing the Correct Size

The Axion is available in six versions, to fit three sizes of balls, Snug Seat hardware and two ranges of rotation.

- Axion 6019 and Axion 9019 fit a 17-19 mm (3/4") ball
- Axion 6025 and Axion 9025 fit a 25 mm (1") ball
- Axion 60R82 and Axion 90R82 fit Snug Seat (R82) (19 mm is the size of Whitmyer headrests and hardware)

- Axion 60 series permits a total rotation of 60 degrees
- Axion 90 series permits a total rotation of 90 degrees



Rotation

The curved rail of the Axion rotates with the headrest to prevent trapping between the rail and the headrest. The Axion 90 rail is longer than the Axion 60 rail. This longer rail may project beyond the edge of smaller headrests. If in doubt, choose the Axion 60 series.



The Axion comprises the base, curved rail and ball on a stem



The Axion is fitted between the wheelchair headrest and the hardware



Attach the mounted Axion to the hardware on the wheelchair



The rail rotates with the headrest. The base remains stationary. The knob underneath permits locking at any position of rotation.



Attach the headrest to the ball of the Axion. Ensure that it is aligned symmetrically.



The headrest should follow the head freely as it rotates



The rotation is 30 deg. each way for the Axion 60 and 45 deg each way for the Axion 90



Mount the Axion to the headrest hardware



The Axion may be used on a wide variety of headrests