

Torque Values for attaching AXIS foil components **1.0 Nm = 8.85075 lb-in**

Foil attachment

Front or Rear wings to Alloy Fuselage (Red & Black)

M6 [T30] : 4 - 4.5Nm (40 lb-in) - all lengths

M8 [T40] : 5.5 - 6Nm (+/-50 lb-in) - all lengths

Carbon Mast attachment

Carbon Mast to Fuselage (Red & Black)

M8 30mm [T40]: 5.5 - 6Nm (+/-50 lb-in)

Alloy Component attachment

Base Plate to Mast (all sizes)

M8 35mm [T40] 6.0 - 6.5Nm (+/-50-55 lb-in)

Base Plate to Board using slider (all sizes M25 & M30)

M8 25/30mm [T40] 6.0 - 6.5Nm (+/-50-55 lb-in)

Fuselage through Doodad to Mast (all sizes)

M8 70mm [T40] 6.0 - 6.5Nm (+/-50-55 lb-in)

Note: These values are intended as a guide, historic tightening and use may effect these values, use discretion and common sense when setting up your equipment.

AXIS Foil Assembly

Use this guide to identify correct screw lengths for each component

CONTENTS

For Stainless Steel & Titanium Screwset and Toolsets

2 x M8 16mm
4 x M8 20mm
4 x M8 25mm
6 x M8 30mm
2 x M8 35mm
2 x M8 70mm

T40 TORX
(Key Included)

2 x M6 14mm
2 x M6 18mm
2 x M6 22mm
2 x M6 25mm

T30 TORX
(Key Included)

4 x Sliders

Red Fuselage

Front Wings
M8 20mm [x3 or x4]
5.5 - 6Nm (+/-50 lb-in)

Black Fuselage

Front Wings

Front holes - **M6 14mm** [x2] 4 - 4.5Nm (40 lb-in)

or **M6 18mm** [x2] for thicker wings 4 - 4.5Nm (40 lb-in)

Rear holes - most wings **M8 22mm** [x2]

- thin wings **M8 16mm** [x2]

Base Plate to
Aluminium Mast
M8 35mm [x2]
6.0 - 6.5Nm (+/-50-55 lb-in)

Most Rear Wings
M6 25mm [x2]

Thin rear wings
M6 22mm [x2]
4 - 4.5Nm (40 lb-in)

Fuselage to Aluminium Mast
[through Doodad]
M8 70mm [x2]
6.0 - 6.5Nm (+/-50-55 lb-in)

Fuselage to CARBON Mast
= **M8 30mm** [x2]
5.5 - 6 Nm (+/-50 lb-in)

AXIS Mast to Fuselage attachment

ALLOY MAST & DOODAD Installation

First, insert rear end of doodad into rear of fuselage gap at approx. 15° angle

Rotate front of doodad down into place

Use 70mm M8 Bolts to attach mast

CARBON MAST Installation

First, insert front end of mast into front of fuselage gap at approx. 15° angle

Rotate rear of mast down into place

Use 30mm M8 Bolts to attach mast

Base to Board

M8 30mm [x4]

[Use with sliders in AXIS Boards with Black Fin Boxes]
5.5 - 6Nm (+/-50 lb-in)

M8 25mm [x4]

[Use with sliders in AXIS Boards with White Fin Boxes]
5.5 - 6Nm (+/-50 lb-in)