

P040-0042 Revision C, March 2024

Mounting Kits For Omni Antennas

MC-MNT-SIDE-J3: Mounting systems for cylindrical pipe installations (86-195mm pipe diameter).

This document explains how to install UU-360S-F antenna using a MC-MNT-SIDE-J3 mount kit.

Installation Preparations



All fasteners must be tightened to the defined torque value after onsite installation, see mounting kit installation diagrams on following pages for correct torque recommendations.

Installation tools list

Figure 1 Installation tools lists

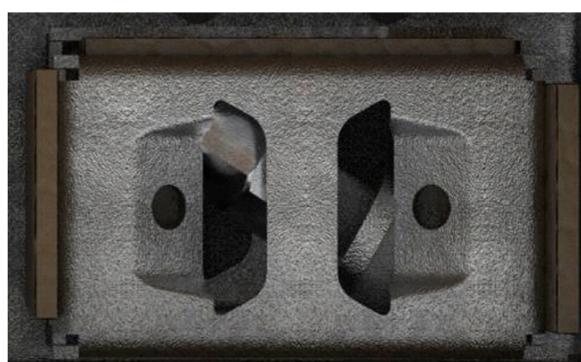


Table 1 Installation tools lists

Tool	Size	Torque Range
Torque wrench	10mm	4Nm
Socket	10mm	4Nm
Torque wrench	19mm	35, 58Nm
Socket	19mm	35, 58Nm
Torque wrench	36mm	100Nm
Socket	36mm	100Nm

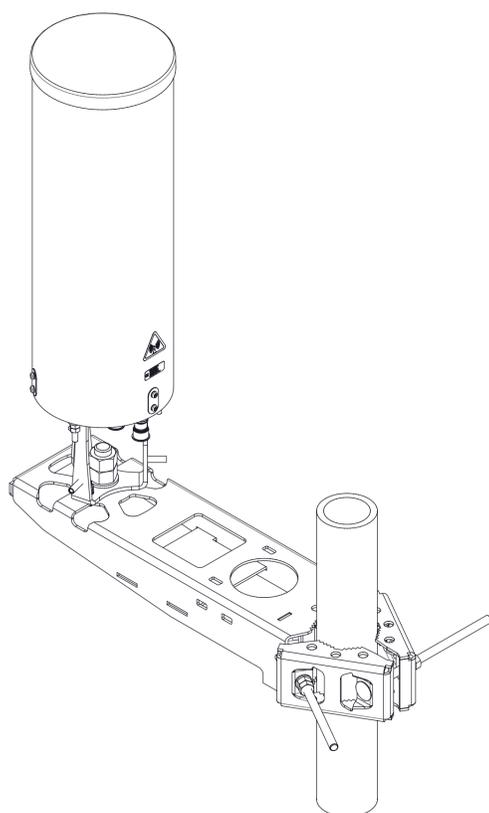
ITEM NO.	DESCRIPTION	QTY	U/M	IMAGE
1	MC SIDE MOUNTING AND CLAMP FEATURE	2	EA	
2	MC SIDE ARM MOUNTING	1	EA	
3	WSHR,FLT,M12,13X24X2.5,STL,GALV	3	EA	
4	NUT,HEX,M12,STL,GALV	6	EA	
5	BOLT, CARRIAGE, M12X250, STL, GALV	3	EA	
6	WSHR,FLT,M24,25X44X4,STL,GALV	3	EA	
7	SCR,HCS,HEX,M24X75,STL,GALV	1	EA	
8	NUT,HEX,M24,STL,GALV	2	EA	
9	SCR,HCS,HEX,M6X35,SST,PASS	1	EA	
10	WSHR,FLAT,M6,6.4x12x1.6,SST,PASS	2	EA	
11	NUT,HEX,M6-1,SST,PASS	2	EA	

Part Lists

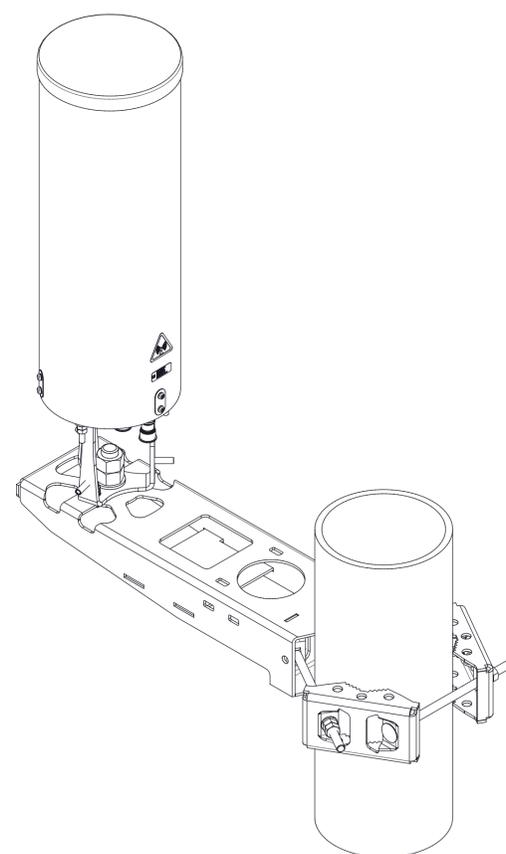


little box inside

MC-MNT-SIDE-J3

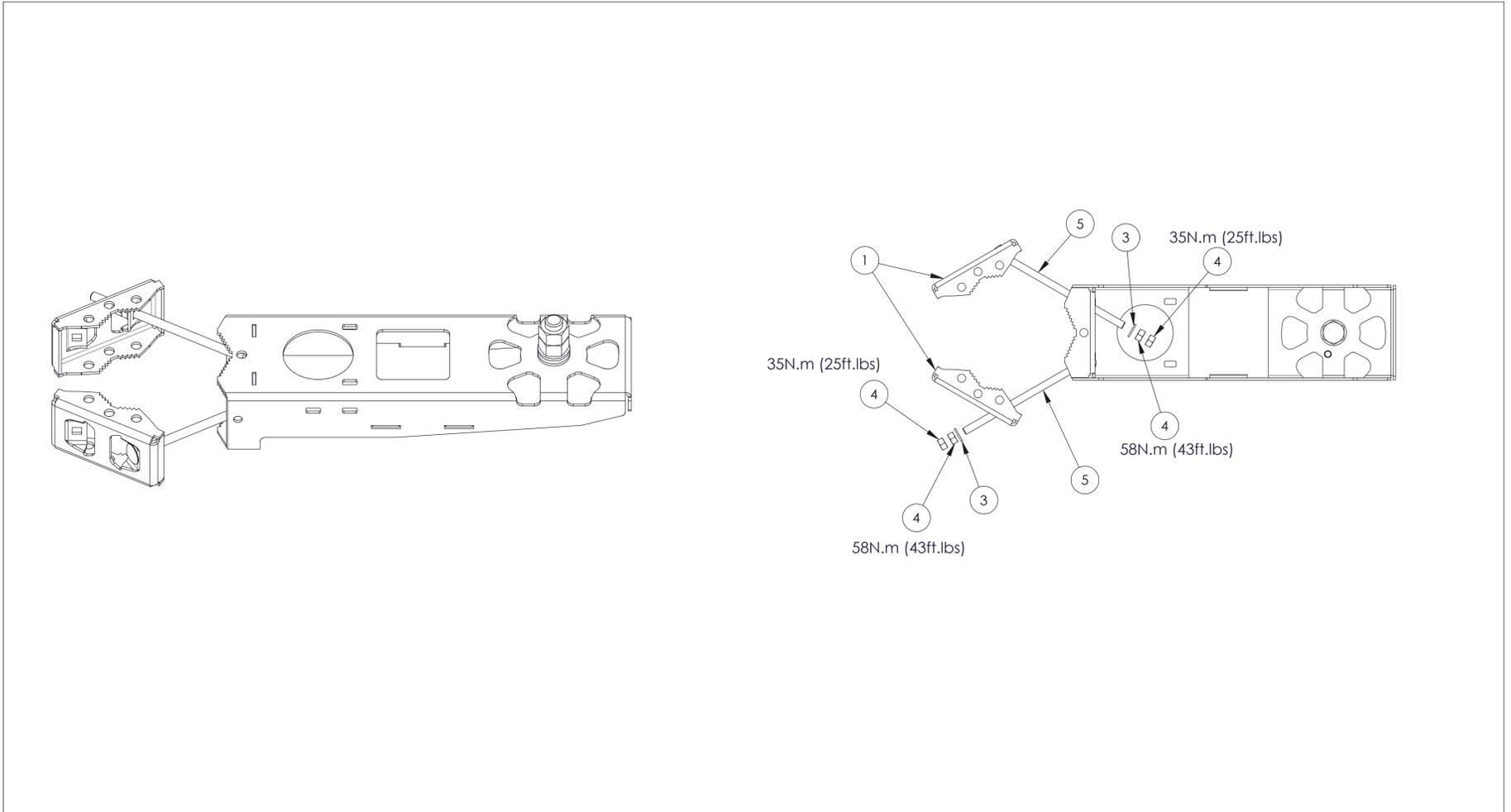


Pole is ϕ 86mm

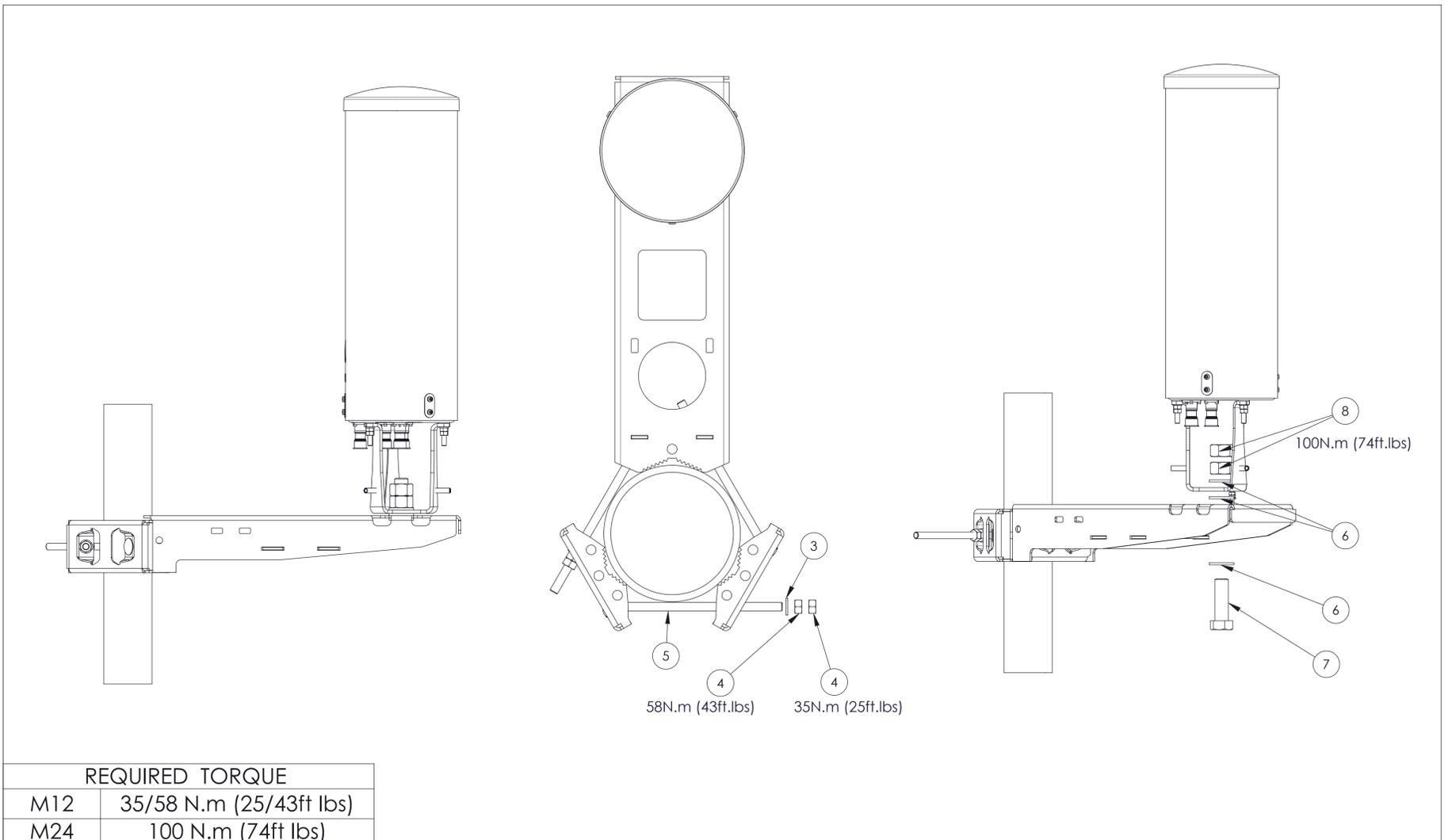


Pole is ϕ 195mm

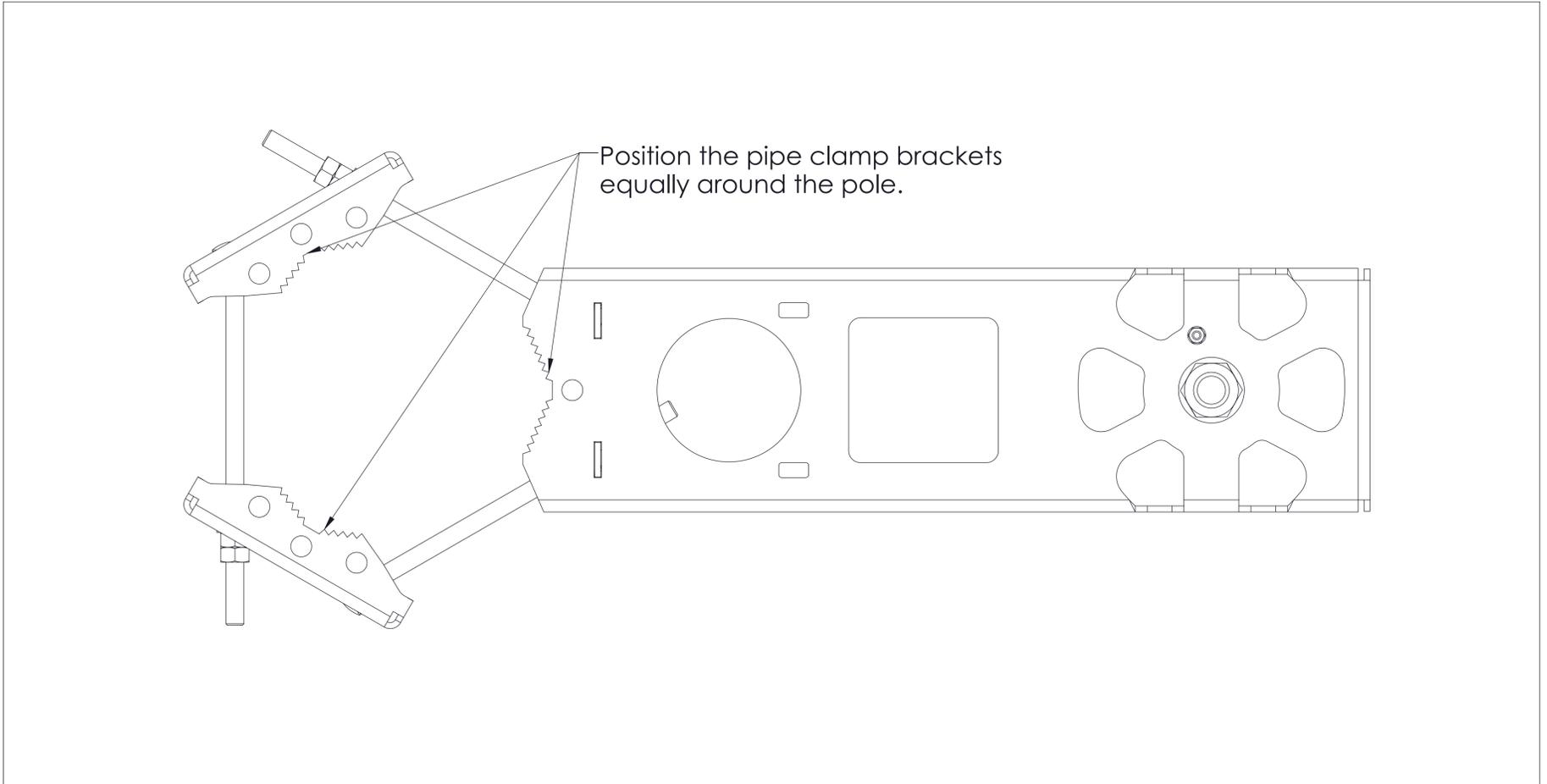
INSTALLATION ON MIN/MAX POLE



MC-MNT-SIDE-J3



MC-MNT-SIDE-J3



MC-MNT-SIDE-J3

ATTENTION: Tighten M24 screws first, then tighten M6 screws and other fasteners.

REQUIRED TORQUE	
M6	4N.m (3ft lbs)
M12	35/58 N.m (25/43ft lbs)
M24	100 N.m (74ft lbs)

DETAIL A
SCALE 1 : 2

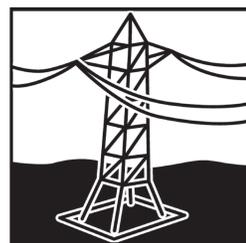
MC-MNT-SIDE-J3

SAFETY NOTICE

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. CommScope installation instructions are written for such installation personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

CommScope disclaims any liability or responsibility for the results of improper or unsafe installation practices.

It is recommended that transmit power be turned off when the field installation is performed. Follow all applicable safety precautions as shown on this page.



Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.



Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.