



User manual



Five-pod concrete base interception mast

catalog No: **96508005, 96509005, 96531005**

ELKO-BIS Systemy Odgromowe sp. z o.o.

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User manual

Thank you for purchasing the lightning protection mast **96508005, 96509005, 96531005** from ELKO-BIS!

1. Zastosowanie:

For Lightning Protection of roof elements and devices (skylights, air conditioners, air handling units, air handling channels). Fivepod concrete base gives appropriate wind resistance. Free standing mast with total weight up to 250kg. It is recommended to use pads under concrete base.

2. 2. Assembly:

1. Place the concrete bases B on the surface, glue them if necessary (Note! When installing the mast on the roof, remember to place the concrete bases on pads made of the material from which the roofing is made - roofing felt or roof foil).
2. Screw the clamp C into the outer hole B.2 of one of the concrete bases B.
3. Attach the legs G to the five-pod D, into the holes D.1, then clamp them with the u-bolt grip, screw the whole thing to the concrete bases B into the holes B.1 with screws F.
4. Screw the point E to the 2.4 m stainless pipe A.2, then put the whole on the 4.8 m stainless pipe A.1 and fix it with rivets.
5. Place the installed mast in the five-pod D, and then tighten the clamp D.3, making sure that the mast is vertical.
6. Attach the hooks of the lower tensioning lines A.2 to the inner holes on the G.2 five-pod extensions, taking care to put them in the appropriate holes.
7. Tighten the turnbuckles A.2 taking care to keep the mast vertical.
8. Repeat steps 6 and 7 for the upper tension lines, inserting them into the outer holes of the G.3 five-leg extensions and tensioning them.

3. Element of the set:

Element	Quantity	Image
A. Stainless steel pipe A.1 - 4,8 m. fi A.2 - 2,4 m. fi A tension screw on a steel cable	1 pcs 1 pcs 10 pcs	
B. Concrete base Fi – 500 mm Weight – 40 kg	5 pcs	
C. Clamp Bolts – 4xM8/20	1 pcs	
D. Five-pod + clamp band	1 pcs	
E. Aluminum point 2,8m fi	1 pcs	
F. Bolts Bolt and nut M16	5 set	
G. Support	5 pcs	
H. Riveter and rivets (each set includes a riveter with a set of rivets)	1 set	

4. Maintenance:

- Please be advised that the condition for maintaining the warranty for ELKO-BIS products is their proper maintenance.
- All joints and torsion elements of the masts should be preserved by lubricating with a thick layer of technical petroleum jelly (catalog number 99500199). Repeat every 12 months.

Location of elements after assembly of the mast:

