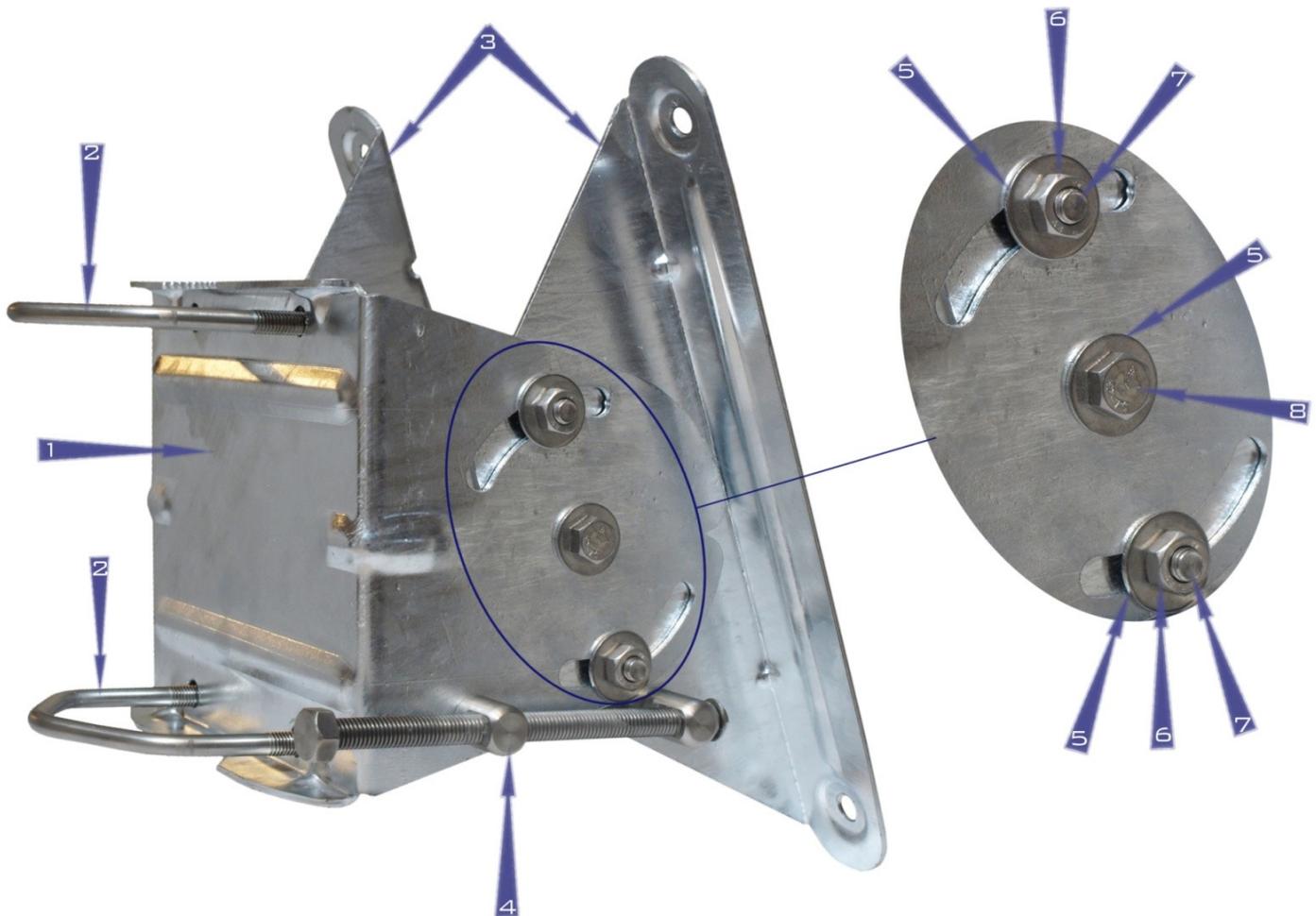


ASZ-1500

Elevation over Azimuth Mount

Assembly Drawings



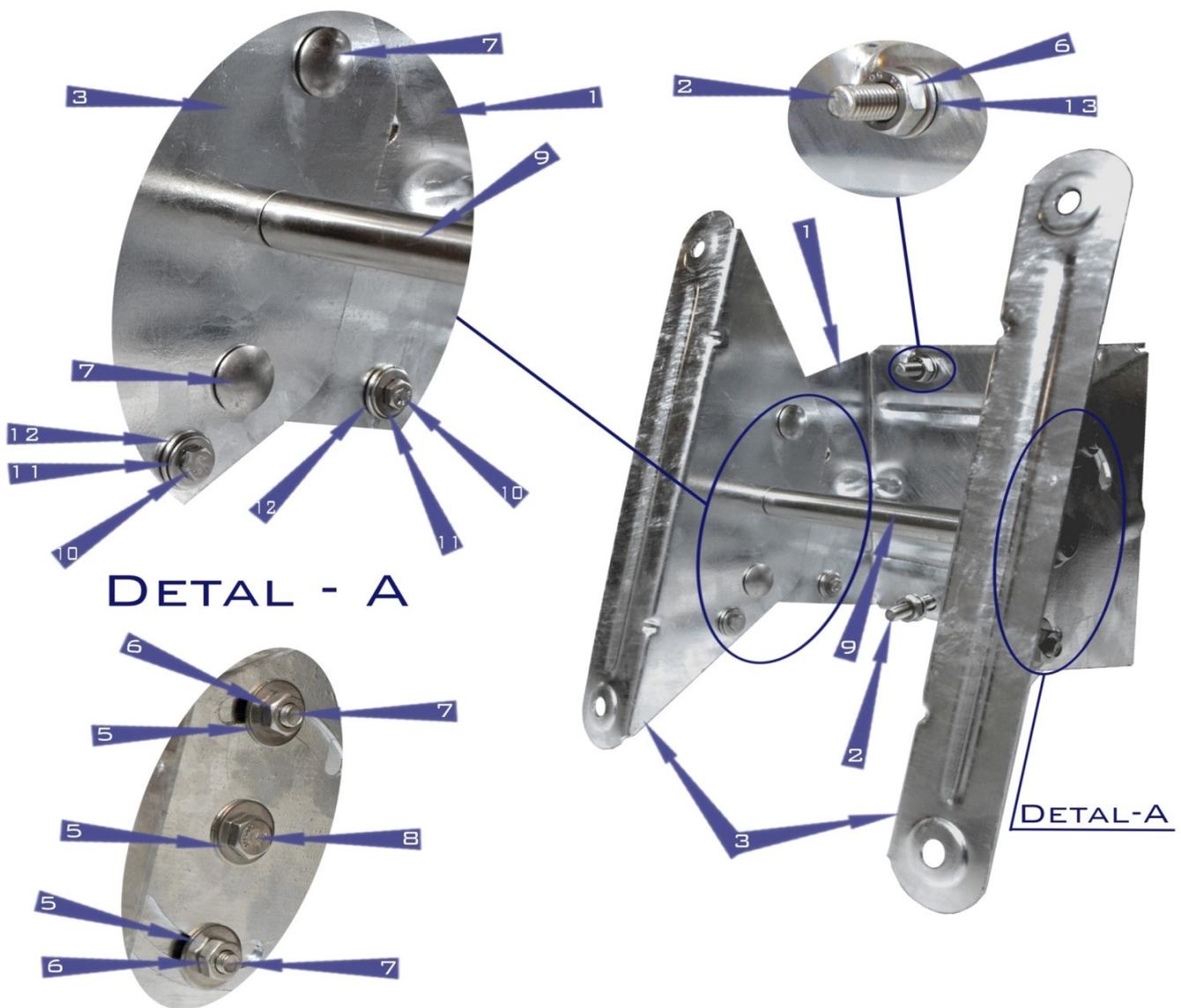
- | | |
|--|---------|
| 1. Cassette | - 1 pc |
| 2. V-bolt M10 | - 2 pcs |
| 3. Reflector support | - 2 pcs |
| 4. Elevation adjustment assembly | - 1 pc |
| 5. Flat washer 10,5x30x2,5 | - 6 pcs |
| 6. Nut M10 | - 8 pcs |
| 7. Mushroom head square neck bolt M10x20 | - 4 pcs |
| 8. Bolt M10x20 | - 2 pcs |
| 9. Spacer sleeve $\phi 22 \times 196$ mm | - 1 pc |
| 10. Bolt M6x10 | - 2 pcs |
| 11. Flat washer 8,4x16x1,6 | - 2 pcs |
| 12. Spring washer 12,2x20x2,5 | - 2 pcs |
| 13. Flat washer 10,5x20x2,0 | - 4 pcs |



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Assembling procedure

ASZ-1500 mount elements are pre-packed in two cardboard boxes described ASZ- 1500 1/2 and AS-1500 2/2. Unpacked mount components should be assembled as shown in assembly drawings, preferably in the following order:

1. Using screws (8) and flat washers (5) fix the cassette (1) and the reflector supports (3) to the spacer sleeve (9). Spacer sleeve with threaded screws in it is an elevation axis.
2. Through all the square holes in the reflector supports (3) and arched notches in the cartridge (1) put mushroom head square neck bolts (7), securing each one flat washer (5) and nut (6). So mounted mushroom head screws allow to block the mount after setting the elevation.
3. Fix the elevation adjustment assembly (4) to the mount using spring washer (12) with flat washer (11) and screw (10). All moving parts of elevation adj. assembly were coated with molybdenum grease. The elevation adj. assembly is assembled at the factory and should not be disassembled or remove the grease.
4. Using the V-bolts (2), flat washers (13) and nuts (6) fix mount on a mast. Installation the mount on a mast in the position shown in the drawings provides a setting elevation angle in the range of $-2^{\circ} \div 60^{\circ}$, and with AS-1500 dish with an offset angle 20.1° we get the ability to receive signals from satellites with elevation of $18.1^{\circ} \div 80.1^{\circ}$. Turning mount upside down elevation range will be $-60^{\circ} \div 2^{\circ}$ and with the dish AS-1500 allows you to set the antenna elevation angles in the range of $0^{\circ} \div 22.1^{\circ}$.



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