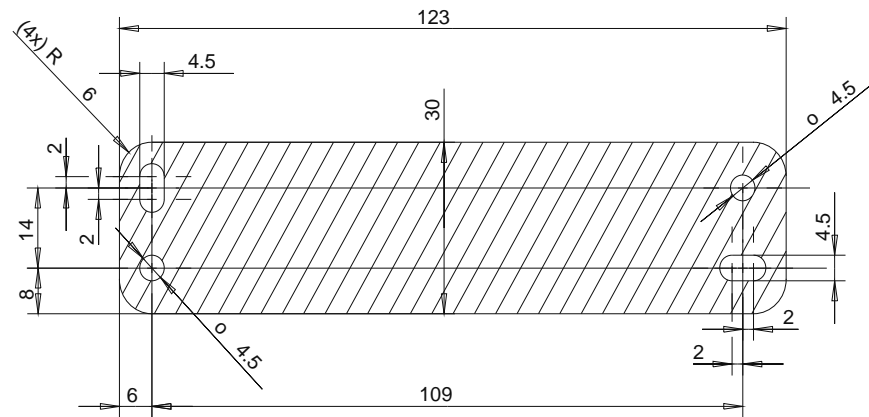




Mounting Instructions Ha-VIS LT 86 (NT)

The transponder has two mounting holes on either side (one round, one oblong) with respective diameters of 4.5 mm and 4.5 x 10.5 mm. Bolt or rivet-mounting through one bolt hole on either side is sufficient if done on diagonal corners.

For the factory assembly of charge carriers (when mounting holes are precision pre-drilled by means of template), we recommend using the round holes. For retrofit applications involving less drilling precision, use the oblong holes preferably.



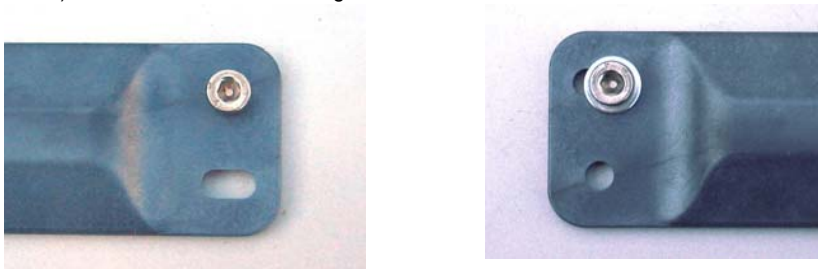
1. M4 Bolt Mounting:

Use an M4 cylinder head screw (DIN 912) to safely bolt the transponder in place.

M4 screw torque (head diameter is 7 mm minimum)	min. 1.0 Nm max. 1.2 Nm
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Increasing the torques beyond the recommended value of 1.2 Nm does not improve the strength of the joint noticeably. Exceeding the recommended torque may, in extreme cases, cause damage to the package.

When using the oblong holes, we strongly recommended the use of washers for M4 screws (DIN 125 A) to ensure a sufficient seating surface for the screws.

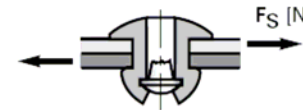


NOTE: For screw-mounting make sure you have a seating surface that is as even and smooth as possible. This ensures that no undesirable traction is exerted on the transponder package when tightening the screws.

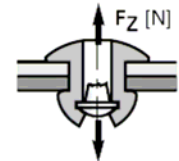
2. Rivet Mounting:

You can safely mount the transponder using 4 mm dia. aluminum alloy, steel-shafted blind or pop rivets (Pop® Standard BN924).

Bruchscherkraft Einschnitt
Rupture au cisaillement à simple section



Bruchzugkraft
Rupture à la traction



POP-Standard

d ₁ ø Rivet	Nietwerkstoff / Matière du rivet											
	Rostfrei/max A2		Monel		Stahl/Acier		AlMg 2,5		AlMg 3,5		Kupfer/Cuivre	
	F _s	F _z	F _s	F _z	F _s	F _z	F _s	F _z	F _s	F _z	F _s	F _z
4,0	4000	5000	2200	3000	1730	2500	1000	1550	1330	1910	1330	1910

The drill diameter must be larger by 0.1 mm than the rivet's nominal diameter (4.1 mm).

For rivet-mounting through the oblong holes, we recommend using washers for M4 screws (DIN 125 A) to ensure a sufficient amount of seating surface.



NOTE: For rivet-mounting the transponder make sure you have a seating surface that is as even and smooth as possible. This ensures that no undesirable traction is exerted on the transponder package when clinching the rivets.

3. Adhesive Mounting:

If operating conditions are less demanding (ambient temperature, humidity, etc.) the transponder may as well be mounted using appropriate adhesives (such as double-sided adhesive tape).

NOTE: For adhesive mounting make sure the underlying surface is as even and smooth as possible. This prevents the ingress of moisture into the adhesive joint and the resulting weakening of adhesive force.

Surfaces to be joined by adhesives should be clean and free of greasy substances, so be sure to clean the underlying surface and the back of the transponder package prior to mounting.