

Technical Data Sheet

“TV-09 Train/Vehicle Roof Anchor”

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ALEXANDRIA NSW 2015

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1. PRODUCT NAME:

The TV-09 fall arrest anchorage.

2. MANUFACTURER/DISTRIBUTOR:

American Shingles Pty Limited trading as Secure Anchor Systems

3. PRODUCT DESCRIPTION:

A surface mounted stainless steel anchorage to suit an appropriate structural substrate equal to or better than 1.2mm thick Grade 250 steel sheet providing height safety in fall arrest and restraint applications.

Limitations: The anchor is rated to 15kN for single person fall arrest only and is not to be utilised by more than one person at any time in accordance with AS/NZS 1891.4 (Table 3.1).

Composition and Materials: The ‘TV-09’ is composed of 304 Stainless Steel in a mill finish with a stainless steel D-Ring. The ‘TV-09’ utilises 10 fasteners to surface mount the anchor to a metal plate or adequately performing structural member.

Applicable Standards: Australian/New Zealand Standard 1891.4

4. TECHNICAL DATA:

Weight (approx.):	350 Grams
Dimensions (overall):	160mm x 110mm x 15mm nominal
Fixings:	10 off Avinox XT BE61 series Stainless Steel breakstem fastener
Weather exposure:	160mm x 110mm

5. INSTALLATION:

Installation instructions including are supplied with each anchor, or separate application sheets may be obtained from Secure Anchor Systems and are provided as a guide only. Following is a general summary of the installation method.

If there is any doubt or non surety as to the application of this anchor in accordance with these instructions please contact Secure Anchor Systems or a certified practising structural engineer for further direction or clarification.

Substrate Requirements: Apply the ‘TV-09’ to a substrate of a vehicle or building that is equal to or better than 250 grade mild steel with a minimum thickness of 1.2mm. This substrate must be adequately fixed to other members strong enough to withstand 15kN of load.

Application & Fastening: Ten (10) fasteners are required to be used on the ‘TV-09’ roof anchor. Eight holes are located around the perimeter of the anchorage with two additional holes on either side of the 50mm ‘D’ ring. If fasteners other than the Avdel Avinox XT BE61 are to be used, they must exceed the performance of these breakstems and must ensure that a 15kN resistance can be achieved.

The EPDM separation strip attached to the base of the anchorage must be in place when fixing the anchorage to any substrate.

This EPDM separation strip provides weatherproofing as well as separating the stainless steel anchorage from a dissimilar base.

Flashing: The ‘TA-09’ requires no additional flashings.

6. AVAILABILITY AND COST:

Contact **Secure Anchor Systems** for current pricing and supply information for Australia and New Zealand.

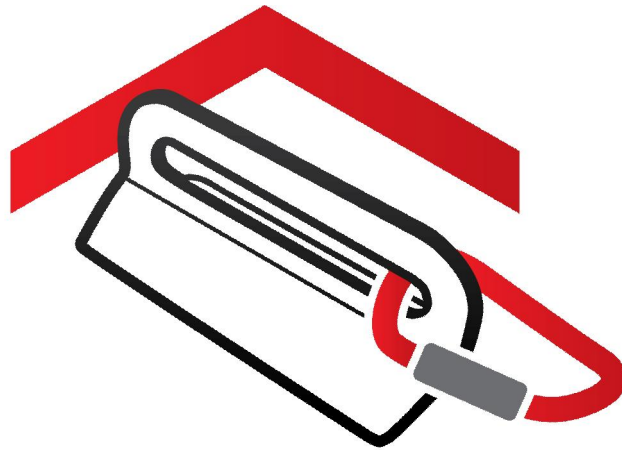
7. MAINTENANCE:

The 'TV-09' should be checked annually at the very least by a 'competent' person or as required and/or detailed in Government OH&S Acts, Codes of Practice and all applicable building codes. The 'TV-09' Tile/Slate and Shingle Anchor must also be checked prior to any attachment or use ensuring that the anchor has not been subject to any fall loads nor that it has been tampered with. Ensure that the 'TV-09' is firmly attached to the rafter and not loose with the use of all screw fixings as detailed in 4. Technical Data above and the illustration following. Ensure all safety equipment to be used in conjunction with the 'TV-09' is checked prior to use.

If there is any doubt or non surety as to the performance of any installed anchor DO NOT USE OR ATTACH TO IT and contact a certified practising structural engineer or Secure Anchor Systems for further direction.

8. TECHNICAL SERVICES:

Technical support and assistance is available through **Secure Anchor Systems**.



SecureAnchor

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