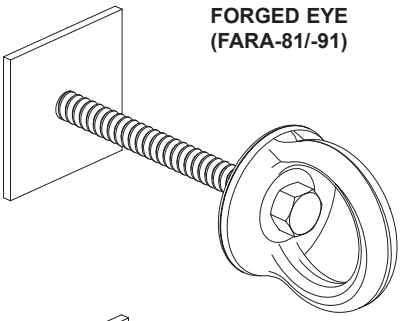
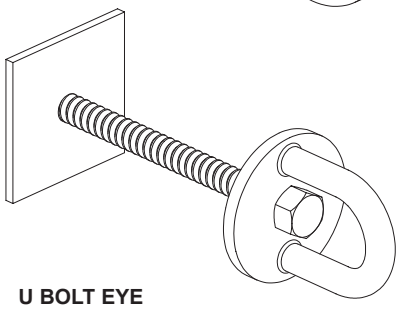
FARA-81/-91/-91U FALL ARREST WALL ANCHORS (Bolt-Through)



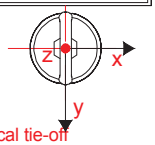
FORGED EYE (FARA-81/-91)



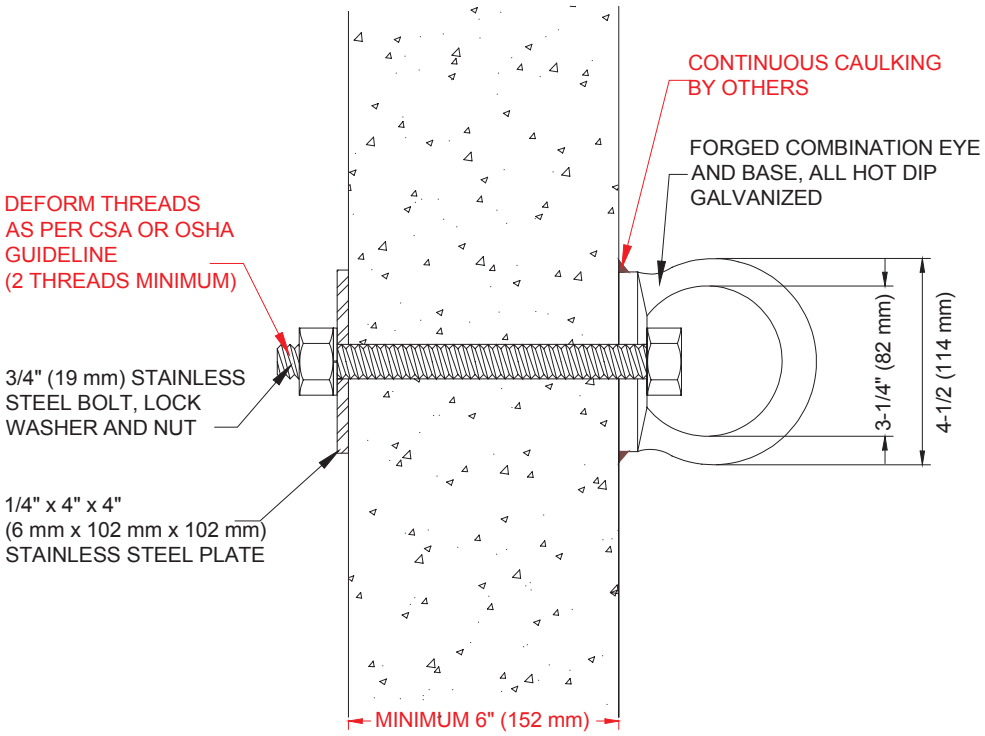
U BOLT EYE (FARA-91U)

Anchor Type	Eye Construction	Load Direction	Deflection After Load of 5400 lbs (24.03 kN) was Released
FARA-81	Forged Eye, Galvanized	Perpendicular to the eye (x)	0.016" (0.406 mm)
FARA-91	Foreged Eye , Stainless Steel	Perpendicular to the eye (x)	0.065" (1.651 mm)
FARA-91U	U Bolt, Stainless Steel	Perpendicular to the eye (x)	0.456" (11.582 mm)

Note: Anchors are designed to resist without fracture and/or pull-out force of 5400 lbs (24.03 kN), applied in the most adverse direction (x). All testing reports available upon request.



Typical tie-off direction (z).



FARA-81/-91/-91U FALL ARREST WALL ANCHORS (Bolt-Through)

PATENTED

NOTE: REFER TO PAGES I-34, I-35, I-36 FOR NON-STANDARD HEIGHT ANCHORS

INSTALLATION

"Installation Instructions" are provided with every Thaler product. Essentially, Thaler FARA-81/-91/-91U wall anchors are installed by drilling a hole in the concrete wall, installing the anchor and applying a caulking bead (by others) around the eye wall plate. Bolt torque should not exceed 100 lbf-ft. (135 Nm).

Ordering: Available throughout North America. Contact Thaler for list of distributors and current cost information. Most products are readily available from stock.

DESCRIPTION

Thaler FARA bolt-through anchors consist of a single stainless steel bolt with an eye at one end and a backup plate at the other end. The anchor eye is available with three different options:

1. With very high strength, *galvanized forged eye* (FARA-81).
2. With very high strength, *stainless steel forged eye* (FARA-91).
3. With high strength, *stainless steel U Bolt eye* (FARA-91U).

Prominent Features: Anchor integrity is backed by $7,000,000.00 liability insurance.
Options: See other Thaler FARA models for different securements.

RECOMMENDED USE

For structurally adequate concrete walls as fall arrest anchors for securing workers' lifelines or the tying back of suspended access equipment such as outrigger beams and parapet wall clamps. Also suitable for suspension of boatswain chair.

APPLICABLE STANDARDS

Thaler FARA anchors conform to all Canadian and U.S. standards, provincial and state labour/safety codes and materials standards relating to anchor fabrication, window cleaning and other suspended maintenance operations. Conformances include CSA, OML, ASME, ANSI, IWCA, OSHA, CAL, OSHA, AISC, AWS, and other references. See Thaler Systems Fall Protection literature for specific data.

WARRANTY

20 year warranty against defects in materials and/or manufacture when installed in accordance with Thaler "Installation Instructions". Copy of Warranty Certificate available upon request.

MAINTENANCE

Regulatory authorities require anchors to be inspected annually with inspection data (date, inspector's name and comments) recorded in the Fall Protection Maintenance Log Book for Window Cleaning and/or Other Suspended Access Maintenance Operations (including travel restraint). Also, the caulking bead around the eye base plate should be inspected periodically and maintained if necessary.

PLANNING SERVICE

Thaler will provide layout drawings for fall arrest anchors in compliance with all applicable standards, safety regulations and local building codes. A nominal, low-cost fee is charged for this service (refunded if Thaler secures the contract to supply the anchors).

SPECIFICATION (Short Form)

Fall arrest wall anchors: Thaler [FARA-81 with galvanized forged 1018 steel eye] [FARA-91 with Type 304 stainless steel forged eye] [FARA-91U with Type 304 stainless steel U bolt] wall anchor to [CSA Z91-02] [OSHA 1910.66, Sub parts D and F] with single 3/4" (19 mm) dia. s.s. bolt, lock washer, nut and 1/4" x 4" x 4" (6 mm x 102 mm x 102 mm) s.s. backup plate; manufactured by Thaler Metal Industries,1-800-387-7217 Mississauga, Ontario, Canada) or 1-800-576-1200 (New Braunfels, TX), installed as per manufacturer's written instructions. Provide 20 year warranty against defects in materials and/or manufacture.