

# SAPS SAP18D Pre-Slab Metal Deck

## Anchor: Installation Specification

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### I. Fastening Schedule: Absolute Compliance

The anchor must be affixed to the 20ga Q-decking using the following specific hardware configuration. **Zero substitutions, zero modifications, and zero exceptions are permitted.**

- **Standard Plate Fasteners:** (32) total 1/4" x 1" TEK screws (16 per side of the post). Install strictly according to the specific profile of the Q-decking.
- **Stanchion Support Fasteners:** (8) total 1/4" x 3" TEK screws (4 per side of the stanchion base).
- **Total Fastener Count:** 40 screws. Missing a single screw invalidates the engineering certification.

### II. Tie-Off Point Integrity: The "One-User" Rule

The D-ring assembly is the singular, critical interface for the worker.

- **Capacity:** Rated for (ONE) individual user per dedicated point of tie-off.
- **Zero Modification:** The D-ring assembly, clip, and associated hardware must remain in their factory-certified state. No aftermarket additions or field welding allowed.
- **No Substitutions:** Substituting the D-ring or modifying the connection point voids the 6,000 lb WLL (Item # PWS DR-062) certification.

### III. Field Compliance Summary

Component	Specification
Total Fasteners	40 (32x 1" TEK / 8x 3" TEK)
User Capacity	1 User Max per D-Ring
D-Ring WLL	6,000 lbs (Item # PWS DR-062)
Deck Substrate	20ga Steel Q-Deck (Min)

**Critical Safety Reminder:** This system is an engineered assembly. Integrity is compromised if even one fastener is omitted or incorrectly installed. All installations must be performed under the supervision of a qualified person. Always confirm that the fasteners engage the metal deck profile accurately to achieve the design tensile load.