

ANCHOR, FLUSH-MOUNT, INTERNAL-THREADED



1. Scope

This material standard covers the requirements for stainless-steel flush-mount internal-threaded anchors.

This material standard applies to the following Seattle City Light Stock Numbers:

Stock No.	Dimension, in
012960	1/2 x 2
012386	5/8 x 2-9/16

2. Application

The anchors are use in concrete or masonry where protruding bolt anchors would pose a hazard.

The anchors allow for reusable applications such as for setting temporary pulling plates or blocks as well as mounting items on the wall that may later be used elsewhere.

The anchors are used for installing pulling plates in Network vaults.

3. Attributes

Anchors shall be of stainless steel material (chromium-nickel steel), meeting the requirement of American Iron and Steel Institute (AISI) grade 303 stainless steel specifications also designated as UNS S30300 (Unified Numbering System for Metals and Alloys).

Anchors shall have the following attributes:

Stock No.	Bolt Size, in		Allowable Working Load, 4000 psi concrete, lb	
	Internal Thread	Embedment and Anchor Length	Tension	Shear
012960	1/2	2	1840	2760
012386	5/8	2-9/16	2630	4510

4. Packaging

Anchors shall be packaged to prevent damage during shipping and storage.

Each package and carton shall be marked with:

- Seattle City Light's Stock Number
- Manufacturer's name or symbol
- Manufacturer's catalog number
- Thread diameter

5. Issuance

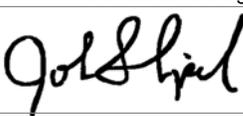
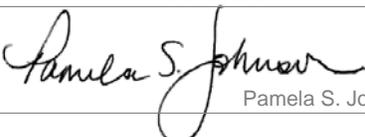
Stock Unit: EA

6. Approved Manufacturer

		Hilti HDI SS303			
Stock No.	Thread Dia., in	Package		Master Carton	
		Item No.	Qty.	Item No.	Qty.
012960	1/2	00336432	50	339619	300
012386	5/8	00336433	25	339620	100

7. References

Wang, Quan; SCL Standards Engineer; subject matter expert and originator of Material Standard 7801.10; quan.wang@seattle.gov

standards coordinator	standards manager	unit director
 Quan Wang	 John Shipek	 Pamela S. Johnson