

Request our Anchor Systems Catalog for complete information.

Benefits of the VGC Adhesive System:

No special tool required: just drill and clean holes; insert capsules and hammer in the anchor.

Pre-measured components assure the right amount of adhesive every time.

No waste, no guessing, one capsule for each anchor diameter makes estimating simple. Capsule can be inserted either end first.

Fast bolt-up time anchor is ready to use in 20 minutes (at 68 F and above).

Up to 1 year shelf life when stored at 60 F - 80 F.

Loads for Threaded Rod Anchors in Concrete

Stud Dia (in)	VGC Capsule Model No.	Drill Bit Dia (in)	Embed Depth (in)	Spacing (in)	Edge Dist (in)	Tension Loads (lbs) f'c ≥ 2000 psi		Shear Load (lbs) f'c ≥ 2000 psi	
						Bond Strength		Steel Strength	Steel Strength
						Ultimate Load	Allowable Load	A307 Allowable Load	A307 Allowable Load
3/8	VGC37	5/16	3 1/2	14	5 1/4	8750	2190	2105	1085
1/2	VGC60	3/4	4 1/4	17	6 1/4	9653	2410	3750	1930
5/8	VGC82	1 1/8	5	20	7 1/2	19048	4760	5875	3025
3/4	VGC75	3/4	7	27	10 1/4	28813	7200	8460	4360
1	VGC100	1	8	31	11 1/4	29298	7310	11500	5925
1	VGC100	1 1/8	8	38	13 1/2	29298	7310	15025	7740



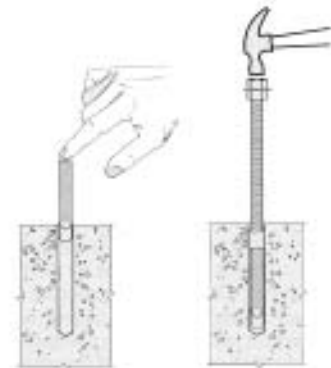
VGC

1. It is critical that holes be cleaned properly. One capsule per hole.
2. Allowable load must be the lesser of the bond or steel strength.
3. The allowable loads listed under allowable bond in the table are based on a safety factor of 4.0.
4. Reference Simpson Anchor Systems catalog for spacing and edge distance requirements.
5. Anchors shall not be used to resist tension forces in ceiling or wall installations unless special consideration is given to fire-exposure conditions.
6. 33 1/3% increase MDT allowed for short term loading due to wind or seismic forces.

Loads for Threaded Rod Anchors in Concrete Stemwall

Stud Dia. (in)	VGC Capsule	Drill Bit Dia. (in)	Embed. Depth (in)	W (in)	Edge Dist. (in)	End Dist. (in)	Tension Load (lbs) f'c ≥ 2000 psi	
							Ult. Load	Allowable Load
3/8	VGC60	3/4	12	6	1 3/4	5	13250	3310
1/2	VGC100	1	15	8	1 3/4	5	20843	5210

1. Requires 3 capsules per hole.
2. Requires 2 capsules per hole.
3. It is critical that holes be cleaned properly.



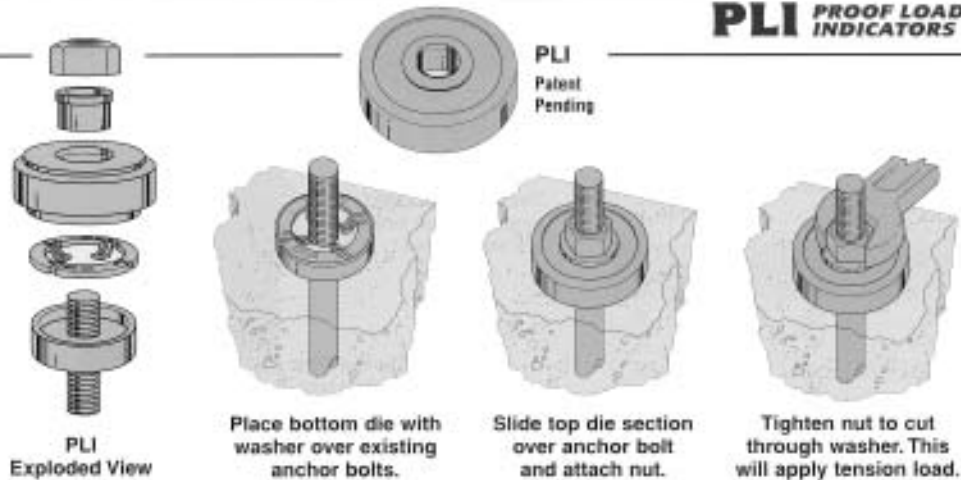
PLI PROOF LOAD INDICATORS

Request our Anchor Systems Catalog for complete information.

The proof load indicator can proof load the bolt to two times the design load. A positive means of load verification every time.

The PLI should not be used on masonry installation, epoxy to concrete applications only.

FINISH: Proof washers color coded for easy identification of tested load.



ANCHOR SYSTEMS MECHANICAL ANCHORS

Request our Anchor Systems Catalog for complete information.

Simpson offers a full line of mechanical anchors to suit almost any application in numerous base materials. Below are examples of core products in the mechanical anchor product line. For information on the rest of the products, contact Simpson for a copy of the current Anchor Systems catalog (C-SAS2000).

STEEL PRODUCTS