AT.75 All Thread Rod-Epoxy Kit 3/4"

AT.75 includes
(4) 3/4"-18" All Thread Rod
F1554-GR55
Hot Dip Galvanized
Cold Galvanized/Painted Ends

(8) 3/4" Hex Nut
A563 Gr A
Hot Dip Galvanized

(8) 3/4" Hardened Washer
USS Flat Washer Thru-Hardened
Yellow Zinc
*Grade 55 Hardware Available

(2) 8.5 Oz Epoxy Cartridges



AT.75 Kit is a way to install new anchor bolts into an existing footing with damaged or misaligned anchor bolts. For light pole installations with (4) bolt square patterns
Follow all epoxy installation procedures.

Basic Info on threaded rod with Set-3G Epoxy

Threaded Rod Diameter	3/4"
Drill Bit Diameter	7/8"
Min. Embedment Depth	9"
Min. Edge Distance	1-3/4"
Min. Bolt Circle	7" See Chart

Refer to Simpson Strong Tie for full details

Ratings presume proper reinforcement with minimum 4000 psi concrete.

AT.75 Kits are independently engineered to support traditional light poles with (4) bolt square patterns.
See Load Chart Below.

Maximum Fixture EPA (SqFt) in given conditions. Not including EPA of light pole.

Pole Height	Pole Shape	**115 MPH** Wind Zone				**120 MPH** Wind Zone				**130 MPH** Wind Zone				**140 MPH** Wind Zone			
		Anchor Bolt Circle				Anchor Bolt Circle				Anchor Bolt Circle				Anchor Bolt Circle			
		7"	**8"**	**9"**	**10"**	**7"**	**8"**	**9"**	**10"**	**7"**	**8"**	**9"**	**10"**	**7"**	**8"**	**9"**	**10"**
15 Feet	4" Square	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	12.4	15.0	15.0	15.0	9.9	12.3	14.5	15.0
	4" Round	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	12.6	14.8	15.0	15.0
20 Feet	4" Square	8.8	11.3	13.5	15.0	7.6	9.8	11.7	13.9	5.5	7.3	9.1	10.9	3.7	5.2	6.9	8.4
	4" Round	11.3	13.5	15.0	15.0	10.1	12.2	14.1	15.0	8.4	10.2	12.0	13.8	7.0	8.6	10.1	11.8
25 Feet	4" Square	3.2	4.8	6.6	8.2	2.3	3.9	5.3	6.9	0.7	2.0	3.3	4.6	-	0.5	1.7	2.9
	4" Round	6.0	7.6	9.3	11.0	5.3	6.7	8.3	9.9	4.2	5.6	6.8	8.2	3.3	4.4	5.7	6.9
30 Feet	4" Square	-	0.7	2.1	3.5	-	-	1.1	2.3	-	-	-	0.4	-	-	-	-
	4" Round	2.6	4.0	5.4	6.8	2.0	3.4	4.6	5.9	1.5	2.6	3.6	4.8	1.0	2.0	2.8	3.8

AASHTO LRFDLTS-1 115 MPH Roughly equivalent to 90-mph design wind speed under previous code methods.

LIGHT POLE SYSTEMS, INC.

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Part # AT.75

7/30/26