



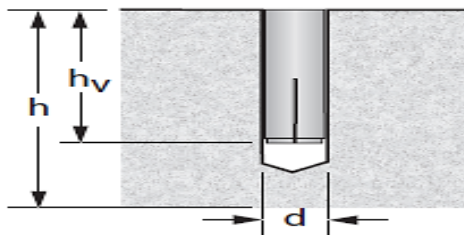
Atlanta, Georgia

Phone 800-521-7326

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## Mini Drop In

### Length Selection



h<sub>v</sub>: Minimum embedment depth  
h: Base material thickness  
d: Anchor diameter  
Note: Anchor diameter = drill bit diameter

Peco Item	Anchor Thread Dia. and Pitch	Drill Bit Diameter (d)	Anchor Length & Minimum Embedment (h <sub>v</sub> )	Allowable Load Capacities (4:1 Safety Factor Applied)					
				2000 psi		4000 psi		6000 psi	
				Shear	Tension	Shear	Tension	Shear	Tension
6335J	1/4-20	3/8"	5/8"	283	248	385	285	405	303
6322J	3/8-16	1/2"	3/4"	608	445	945	543	1043	583
6323J	1/2-13	5/8"	1"	990	755	1188	820	1198	920

Peco Item	Anchor Thread Dia. and Pitch	Thread Depth	Install Torque (ft-lb.)	Ultimate Load Capacities					
				2000 psi		4000 psi		6000 psi	
				Shear	Tension	Shear	Tension	Shear	Tension
6335J	1/4-20	3/8"	3	1130	990	1540	1140	1620	1210
6322J	3/8-16	7/16"	5	2430	1780	3780	2170	4170	2330
6323J	1/2-13	5/8"	10	3960	3020	4750	3280	4790	3680

Peco Item	Anchor Thread Dia. and Pitch	Critical Edge Distance	Minimum Edge Distance	Critical Spacing Distance	Minimum Spacing Distance
6335J	1/4-20	3"	1-1/2"	1-7/8"	15/16"
6322J	3/8-16	4-1/2"	2-1/4"	2-1/4"	1-1/8"
6323J	1/2-13	6"	3"	3"	1-1/2"

### Load Adjustment Factors

Peco Item	Anchor Thread Dia. and Pitch	Normal Weight & Lightweight Concrete (Tension & Shear)					
		Actual Spacing (inches)*					
		15/16"	1-1/8"	1-1/2"	1-7/8"	2-1/4"	3"
6335J	1/4-20	0.50	0.60	0.80	1.00	n/a	n/a
6322J	3/8-16	n/a	0.50	0.67	0.83	1.00	n/a
6323J	1/2-13	n/a	n/a	0.50	0.63	0.75	1.00

\*Tension and Shear anchor loads require Critical Spacing to be equal to 3 times embedment depth to reach 100% of load rating. Minimum spacing equals 1.5 times the embedment depth and only reaches 50% load rating.

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Peco Item	Anchor Thread Dia. and Pitch	Normal Weight Concrete (Tension)				
		Actual Edge Distance (inches)*				
		1-1/2	2-1/4	3	4-1/2	6
6335J	1/4-20	0.90	0.95	1.00	n/a	n/a
6322J	3/8-16	n/a	0.90	0.93	1.00	n/a
6323J	1/2-13	n/a	n/a	0.90	0.95	1.00

\*Tension anchor loads require Critical Edge Distances to equal 12 times the diameter for reaching 100% of Load rating. Minimum Edge Distance is equal to 6 times anchor diameter and will yield 90% of load rating.

Peco Item	Anchor Thread Dia. and Pitch	Normal Weight Concrete (Shear)				
		Actual Edge Distance (inches)*				
		1-1/2	2-1/4	3	4-1/2	6
6335J	1/4-20	0.75	0.88	1.00	n/a	n/a
6322J	3/8-16	n/a	0.75	0.82	1.00	n/a
6323J	1/2-13	n/a	n/a	0.75	0.88	1.00

\*Shear anchor loads require Critical Edge Distances to equal 12 times the diameter for reaching 100% of Load rating. Minimum Edge Distance is equal to 6 times anchor diameter and will yield 75% of load rating.

Peco Fasteners specification sheets are a reference guide to help in the selection of fasteners. Peco has made every effort to ensure the accuracy of the information. However, Peco Fasteners is not responsible for any errors that may be contained within these sheets. Peco Fasteners makes no claim of warranty in the accuracy of this information. Users of this information are solely responsible for protecting themselves against liability. It is solely the responsibility of the purchasers and users of these fasteners to consult with Engineers that are experts in an applicable field. Peco Fasteners is not responsible for any loss, claim, or damage due to these specification sheets.



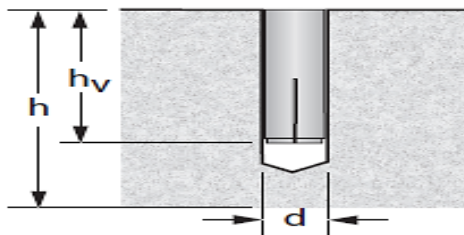
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