



	Page	Base Material										Anchor Diameter							Head Style					Coating/Material					Code Recognition								
		Concrete	Lightweight Concrete	Hollow Core Plank	Grout-filled Concrete Masonry	Hollow Concrete Masonry	Solid Brick	Hollow Brick	Stone	Structural Clay/Tile	Wood	Steel	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1" (24mm)	1-1/4" (28mm)	Finished Hex Head	Hex Head	Round/Acorn Head	Flat Head (Countersunk)	Removable	Tie-Wire Head		Female Coupler	Plated Carbon Steel	Galvanized Carbon Steel	Type 303/304 Stainless Steel	Type 316 Stainless Steel	Type 410 Stainless Steel	Perma-Seal Coated	Nylon/Plastic
Expansion Anchors	PB+ (Power-Bolt+) / PB-Pro	10	●	●		○							●		●	●	●	●			●	●				●										ICC-ES ESR 3260	
	Power-Bolt	01	●	●	○	●	●	●	○	○			●	●	●	●	●	●				●		●	●			●		●							
	Power-Stud+ SD1	12	●	●		●			○				●		●	●	●	●	●	●			●				●									ICC-ES ESR-2818 & 2966 LARR-25787 & 25864	
	Power-Stud+ SD2	12	●	●		●			○						●	●	●	●					●					●								ICC-ES ESR-2502 LARR-25831	
	Power-Stud+ SD4/SD6	13	●	●		●			○				●		●	●	●						●									●	●			ICC-ES ESR 2502	
	Power-Stud HD5	13	●	●		○									●	●	●	●					●						●								
	Power-Stud	14	●	●		●			○				●		●	●	●	●	●	●	●		●				●	●	●	●	●	●	●				
	Lok-Bolt AS	15	●	○	○	●	●	●	○	○			●	●	●	●	●	●					●	●	●		●	●	●	●	●						
	Set-Bolt	16	●	○		○							●		●	●							●					●									
Screw Anchors	Atomic+ Undercut	14	●	●		○			○					●	●	●	●					●						●	●		●					ICC-ES ESR 3067	
	Wedge-Bolt+ / Wedge-Bolt	17	●	●	○	○	●						●		●	●	●	●				●			●			●	●		●					ESR-2526 & 1678 LARR-25808	
Rod Hanging System	Tapper+X / Tapper+ / Tapper	18	●	●	●	●	●	●	○	○	○	●	●	●	●							●		●	●			●			●	●			ICC-ES ESR-3068, 3042, 3213; 3196 Miami-Dade NOA		
	Vertigo+ / Vertigo	25	●	●	●						●	●	●	●										●			●	●								ICC-ES ESR-2526	
	Bang-it	26	●	●									●		●	●	●	●									●	●						●		ICC-ES ESR-3567	
	Wood-Knocker	26	●	●								●		●	●	●	●										●	●						●		ICC-ES ESR-3567	

- Suitable
- May be Suitable



**Heli-Pin™**

*Facade Anchor*

BASE MATERIAL	Concrete, Block, Brick, Stone, Clay Tile and Wood
SIZE RANGE	8mm (5/16") x 6" to 8mm (5/16") x 12"
ANCHOR MATERIAL	Type 304 Stainless Steel

The Heli-Pin anchor is a one-piece, stainless steel helical wall tie system used for anchoring existing brick veneers to the back-up structural members without exposed hardware. Existing facades constructed of various masonry materials can be reattached and reinforced using the Heli-Pin. They are ideal for stabilizing areas with missing or corroded wall ties as well as retrofits to multiple width masonry wall sections. The Heli-Pin is installed in predrilled holes with a Heli-Pin setting tool and a SDS-Plus shank roto-hammer drill.

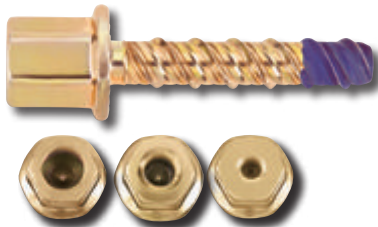
CAT. NO.	ITEM DESCRIPTION	STD. BOX	STD. CTN.
08341	Heli-Pin Anchor 8mm (5/16") x 6"	100	1000
08342	Heli-Pin Anchor 8mm (5/16") x 8"	100	1000
08343	Heli-Pin Anchor 8mm (5/16") x 10"	100	1000
08344	Heli-Pin Anchor 8mm (5/16") x 12"	50	500
08345	Heli-Pin SDS Setting Tool	1	12

**Vertigo®+ / Vertigo®**

*Rod Hanger System*

BASE MATERIAL	Steel, Wood, Concrete
SIZE RANGE	1/4" – 1/2"
ANCHOR MATERIAL	Carbon Steel

Vertigo is an all steel threaded fastening system for suspending steel threaded rod and other assemblies. Vertigo can be installed in a variety of base materials including steel bar joists and beams, wood frame columns and beams, as well as concrete beams and columns. In wood and steel base materials, Vertigo is also offered in a side mount style for lateral installation of 1/4" and 3/8" diameter steel threaded rods onto joists, columns and trusses. For all steel and wood Vertigo fasteners, a red Vertigo Socket Driver is recommended to provide proper installation with a screw gun or hammer drill in "rotation only" mode. Concrete Vertigo fasteners should be installed with the appropriate size standard drive sockets and hammer drill or powered impact wrench.



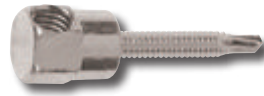
**CODE LISTED**  
ICC-ES ESR-2526  
CRACKED CONCRETE

CONCRETE VERTIGO+						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	FINISH	STD. BOX	STD. CTN.	
7180SD*	1/4"	3/8" x 2-1/8"	Yellow Dichromate Finish	100	500	
7181SD*	3/8"	3/8" x 2-1/8"	Yellow Dichromate Finish	100	500	
7182SD*	1/2"	3/8" x 2-1/8"	Yellow Dichromate Finish	50	250	

\* Packed with SDS Wedge-Bit



STEEL VERTICAL HANGER						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	POINT STYLE	STD. BOX	STD. CTN.	
<b>#3 FOR PURLINS</b>						
7155	1/4"	1/4-20 x 1"	#3	100	600	
7157	3/8"	1/4-20 x 2"	#3	100	500	
7158	3/8"	1/4-20 x 1" (w/nuts)	#3	100	600	
7159	3/8"	1/4-20 x 1-1/2"	#3	100	500	
7160	3/8"	1/4-20 x 1-1/2" (w/nuts)	#3	100	500	
<b>#5 FOR BEAMS</b>						
7152	1/4"	12-20 x 1-1/2"	#5	100	500	
7154	3/8"	12-20 x 1-1/2" (w/nuts)	#5	100	500	
7161	1/2"	12-20 x 1-1/2" (w/nuts)	#5	100	500	



STEEL SIDE HANGER						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	POINT STYLE	STD. BOX	STD. CTN.	
<b>#3 FOR PURLINS</b>						
7183	1/4"	1/4-20 x 1"	#3	100	600	
7184	3/8"	1/4-20 x 1" (w/nuts)	#3	100	600	
7186	3/8"	1/4-20 x 1-1/2" (w/nuts)	#3	100	500	
7188	3/8"	1/4-20 x 2" (w/nuts)	#3	100	500	
<b>#5 FOR BEAMS</b>						
7200	1/4"	12-20 x 1-1/2"	#5	50	300	
7201	3/8"	12-20 x 1-1/2" (w/nuts)	#5	100	600	



WOOD VERTICAL HANGER						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	POINT STYLE	STD. BOX	STD. CTN.	
7163	1/4"	1/4" x 2"	Type 17	100	500	
7203	3/8"	1/4" x 1"	Type 17	100	500	
7165	3/8"	1/4" x 2"	Type 17	100	500	
7167	3/8"	1/4" x 3"	Type 17	100	500	
7169	3/8"	1/4" x 4"	Type 17	100	500	
7162	3/8"	5/16" x 2-1/2"	Type 17	100	500	
7164	1/2"	5/16" x 2-1/2"	Type 17	100	500	



WOOD SIDE HANGER						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	POINT STYLE	STD. BOX	STD. CTN.	
7185	1/4"	1/4" x 1"	Type 17	100	500	
7205	3/8"	1/4" x 1"	Type 17	100	500	
7170	3/8"	1/4" x 2"	Type 17	100	500	
7156	3/8"	5/16" x 2-1/2"	Type 17	100	500	



CONCRETE VERTICAL HANGER						
CAT. NO.	ROD SIZE	SCREW SHANK SIZE & LENGTH	SHANK STYLE	STD. BOX	STD. CTN.	
7171	1/4"	1/4" x 1-1/4"	ANSI Wedge-Bolt OT thread	100	500	
7173	3/8"	1/4" x 1-1/2"	ANSI Wedge-Bolt OT thread	100	500	
7175	1/2"	3/8" x 2-3/4"	ANSI Wedge-Bolt OT thread	50	250	

For Side Mount Concrete Applications use Cat. No. 7185 and 7170 with a 3/16" ANSI Drill Bit