

SEISMIC FOUNDATION SUPPORT SYSTEM SECURING FOUNDATIONS IN HIGH SEISMIC CATEGORIES D, E, & F



Recognized by ICC-Evaluation Service & City of Los Angeles
Building Code (ESR-1854)



Ram Jack's Seismic Foundation Support System is the ultimate solution for securing a building's foundation during an earthquake. Whether the project is new construction or remedial retrofit our robust foundation system is capable of withstanding the forces generated by an earthquake. It is engineered to meet or exceed the International Building Code requirements. Ram Jack's ICC-recognized Helical Pile System is rated for high seismic categories D, E, and F.

Scan to watch demo video



or visit RamJackEngineering.com to learn more

PRODUCT NUMBER	DESCRIPTION	PILING DIAMETER (INCH)	ALLOWABLE CAPACITY (kips)		
			Compression	Tension	Lateral
4021.1	Side load bracket	2 7/8"	33.65 ¹⁵	See Table 3A	Note 6
4021.55	Side load bracket	3 1/2"	55.12 ¹⁵	See Table 3A	Note 6
4038.1	Side load bracket	2 7/8"	19.70 ¹⁵	See Table 3A	Note 6
4039.1	Side load bracket	2 7/8"	32.07 ¹⁵	See Table 3A	Note 6
4075.1	New construction	2 7/8"	See Table 3B	See Table 3C	1.49 ²⁵
4077.1	New construction	4 1/2"	See Table 3B	See Table 3C	2.984 ²⁵
4079.1	New construction	2 7/8"	See Table 3B	See Table 3C	1.49 ²⁵
4076	New construction	3 1/2" (upset)	See Table 3B	See Table 3C	2.03 ²⁵
		3 1/2" (threaded)	See Table 3B	See Table 3C	2.79 ²⁵
4093.1	Slab bracket	2 7/8"	See Table 5	N/A	N/A
4550.2875.1	Tieback assembly	2 7/8"	27.9 @ 20° angle (tension only) ^{4,5}		
			27.6 @ 20° angle (tension only) ^{4,5}		

*Refer to Ram Jack's ICC ESR Report (ESR-1854) for additional product options.