

August 6, 2003

Mike Gernhart
PAC International Inc.

Mike,

Thank you for your interest in Powers Fasteners.

As per your request, please find the performance load data for the 3/16" x 2" spike (part# 5506) listed below:

Anchor Size (in.)	Embed. Depth (in.)	2000 psi Concrete		3000 psi Concrete		4000 PSI Concrete		5000 psi Concrete	
		Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)
3/16	3/4	450	900	600	900	700	900	700	900
3/16	7/8	520	1080	760	1270	860	1310	890	1350
3/16	1	540	1230	820	1725	980	1860	995	1860

As in all applications, the load capacity and other criteria used to determine the anchoring system's suitability should be reviewed and verified by the design professional responsible for the actual product installation.

If you have any questions, please call at your convenience, 914-235-6300. Again, thank you for your interest in Powers Fasteners.

Regards,
POWERS FASTENERS,

Alan Price,
Regional Engineer

Cc Jim Swink, Powers Fasteners