

Performance Tables

TEK034 TEK PINS STEEL TO STEEL

PART NUMBER	SHANK DIA. (INCH)	TYPE OF SHANK	INSTALLED IN COLD ROLLED STEEL STEEL THICKNESS INCHES ALLOWABLE LOAD – <i>Ultimate Load</i>							
			14 GAGE		16 GAGE		18 GAGE		20 GAGE	
			TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)	TENSION (LBS)	SHEAR (LBS)
TEK034	0.109	KNURLED	253 <i>760</i>	276 <i>827</i>	206 <i>617</i>	200 <i>601</i>	91 <i>273</i>	125 <i>375</i>	62 <i>185</i>	103 <i>310</i>

Note 1: **ALLOWABLE** loads are shown in the **LARGE BOLD** font, *Ultimate* loads are shown in *smaller italic* font.

Note 2: Testing conducted in accordance with AISI NASPEC test procedure.

Note 3: A safety factors of 3 was used to determine allowable loads.

Note 4: Cyclic, fatigue, shock loads and other design criteria may require a different safety factor.

Note 5: Job site testing may be required to determine actual job site values.

Note 6: Values shown are for fastenings that have knurl penetration through the second layer of material.

Note 7: All steel used was 33 ksi material.

Note 7: Test performed by an independent 3rd party lab.

Note 8: For SI: 1 lbf = 4.448 N, 1 inch = 25.4 mm, 1 ksi = 6.89MPa
Tables converted to metric are available on our website.

