

### 8MM CSI PIN VS. X-U AND X-U 15 PIN

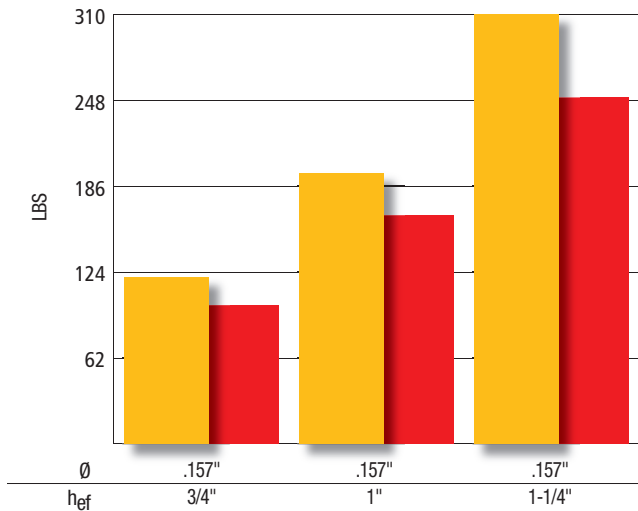
Product Comparison		
Product Name	8mm CSI pin	X-U and X-U 15 pin
Company	Powers Fasteners	Hilti*
Description	Carbon steel powder actuated pin	Carbon steel powder actuated pin
Size Range (inch)	0.157" & 0.145"	0.157" & 0.145"
ICC-ES ESR (concrete)	ESR-2024	ESR-2269
Revision Date	2014 July	2014 March
City of Los Angeles (COLA)	LARR-25931	LARR-25675
LEED	Yes	Yes

\* Hilti is a registered trademark of Hilti Corporation

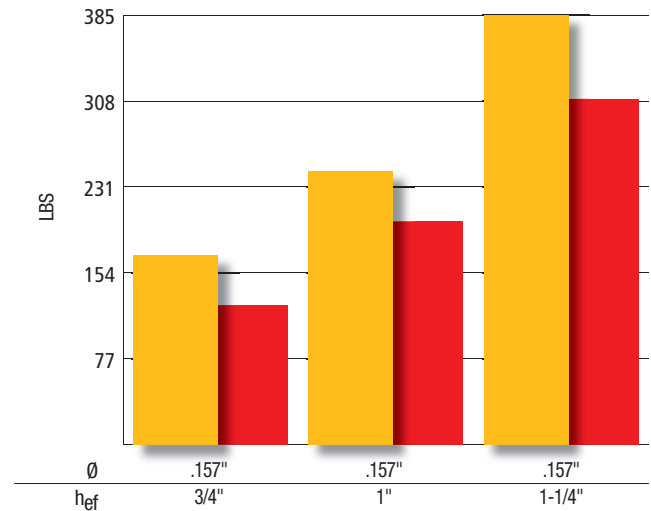
### Normal Weight Concrete (2500 psi)

■ CSI Pin ■ X-U Pin

#### Allowable Tension Loads



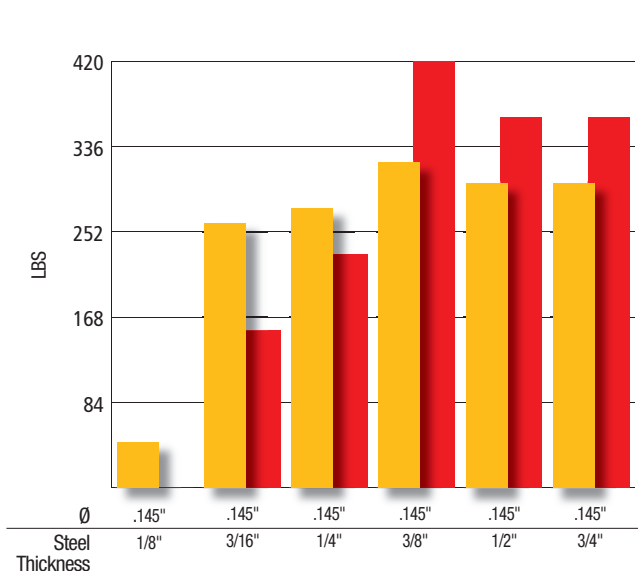
#### Allowable Shear Loads



### A572 Steel Grade 50

■ CSI Pin (#50197) ■ X-U 15 Pin

#### Allowable Tension Loads



#### Allowable Shear Loads

