

# PSA

## Slotted Inserts

# NOTCHED STRAP

### PSA Notched Strap Slotted Insert Shear Tests

#### Reported Failure Loads (lbf)

Complete 2006 test report available online @ [www.jvi-inc.com](http://www.jvi-inc.com)

Part/Eccentricity Description		1" Eccentricity		1.5" Eccentricity	2" Eccentricity		3" Eccentricity	
		2005 Tests	2006 Tests	2005 Tests	2005 Tests	2006 Tests	2005 Tests	2006 Tests
MN62J		11,775	12,771	11,304	13,659	13,003	11,775	10,217
		13,188	13,932	13,242	14,130	13,003	12,246	10,217
			13,467			11,610		9,288
	<b>Average</b>	13,027		12,364	13,081		10,749	
	<b>Lowest</b>	11,700		11,300	11,600		9,200	

### PSA Notched Strap Slotted Insert Tension Tests

#### Reported Failure Loads (lbf)

Complete 2006 test report available online @ [www.jvi-inc.com](http://www.jvi-inc.com)

Part/Eccentricity Description		Insert Located Away from Concrete Edge (In the field)	
		Strap Centered in Slot Length	Strap Located at End of Slot Length
		2005 Tests	2005 Tests
MN62J W/ Notched Strap		13,932	13,003
		13,932	12,771
	<b>Average</b>	13,932	12,887
	<b>Lowest<sup>1</sup></b>	10,200	10,200
		2006 Tests	2006 Tests
Notched Strap <sup>2</sup>		11,145	10,217
		12,074	11,145
		13,003	11,145
		11,378	
	<b>Average</b>	11,900	10,836
	<b>Lowest</b>	10,200	10,200

#### Tension Table Notes

1. Lowest value is as determined from the "Notched Strap" 2006 testing as a limiting value
2. 2006 testing considered the notched strap tested installed in an insert with studs to isolate failures within the strap itself. The governing failure mode for the notched strap system is isolated within the notched strap. Combining the notched strap with an insert body with studs does not increase capacity.



## Your Connection Connection

7131 North Ridgeway Avenue • Lincolnwood, IL 60712 USA  
847/675-1560 • Fax 847/675-0083 • 1-800-742-8127 • <http://www.jvi-inc.com>