

# 682EMZ SAW TENSION GAGE



## SAW SOLUTIONS

Checks for proper blade tension in either English or metric and is graduated in both pounds and kilograms. Can be read directly on band saws of any type or on power hacksaws.

### Approximate Jaw Depths

Cat. No.	EDP
682EMZ	57075

### Features and Specifications

- Graduated to read up to 60,000 PSI or 4,000 kg/cm<sup>2</sup>
- Rapidly set up machines and blades with the proper tension to create straight cutting conditions
- Used to read tension as it is applied, or removed from the blade
- Cast powder coat body
- Storage case furnished with instructions, including suggested tensions

### Tension Guide for Average Cutting Conditions

Band Saw Blades	English	Metric
Welded Edge 1-1/2" and Wider	30,000 - 40,000 PSI	2,100 - 2,800 kg/cm <sup>2</sup>
Welded Edge thru 1-1/2" Wide	25,000 - 35,000 PSI	1,800 - 2,500 kg/cm <sup>2</sup>
Hard Edge, Tempered Back, Carbon	20,000 - 25,000 PSI	1,400 - 1,800 kg/cm <sup>2</sup>
Hard Edge, Flexible Back, Carbon	15,000 - 20,000 PSI	1,000 - 1,400 kg/cm <sup>2</sup>

### Power Hacksaw Blades

All Styles	25,000 - 35,000 PSI	1,800 - 2,500 kg/cm <sup>2</sup>
------------	---------------------	----------------------------------

Insufficient blade tension can affect the cutting efficiency of the blade. Excessive tension may cause breakage of band saws or hacksaws.

AS A GENERAL RULE OF THUMB, THE HIGHER END OF THE TENSION RANGE SHOULD BE USED WHEN THE GUIDE ARMS ARE FURTHER APART AND THE LOWER END OF THE RANGE SHOULD BE USED WHEN THE GUIDE ARMS ARE CLOSER TOGETHER.

