

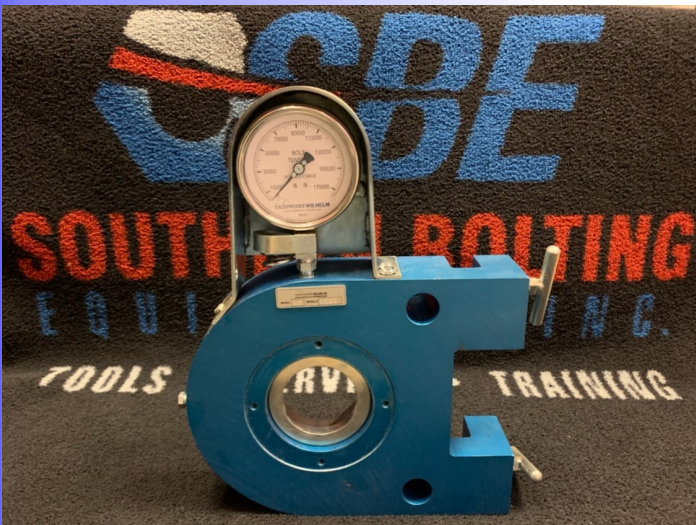
Skidmores

Skidmore HS-100

- **Portable Bolt-Tension Calibrator**
- **Test impact wrench output**
- **170,000 lb Capacity**
- **Designed to test high-strength bolts from 3/4" to 1-1/2" in diameter**
- **Set production preload standards**
- **Both Regular and Short Bolts Kits**

Skidmore MZ-100

- **New Lightweight Design**
- **126,000 lb Capacity**
- **Designed to test bolts from 1/2" to 1-1/4" in diameter**
- **Holes predrilled for torque reaction kits**
- **Both Regular and Short Bolts Kits**



These Bolt Tension Calibrators Allow you to verify:

- Fasteners meet minimum bolt tension specifications
- Impact wrenches are properly calibrated.
- Tension-control fasteners shear off at the correct tension.
- Bolting crew understands how to achieve proper tension in all types of fasteners
- Have the right installation tools and equipment

Skidmore HS-100

Minimum Bolt Length Chart

Bolt Diameter	Regular Adaptors	Short Bolt Adaptors
3/4"	2-1/2"	1-3/4"
7/8"	2-3/4"	2"
1"	3"	2-1/4"
1-1/8"	3-1/4"	2-1/2"
1-1/4"	3-1/2"	2-3/4"
1-1/2"	4"	3-3/4"

**Spacer kits are available to increase grip on larger bolts



Skidmore MZ-100

Minimum Bolt Length Chart

Bolt Diameter	Regular Adaptors	Short Bolt Adaptors
5/8"	2-1/4"	1-1/2"
3/4"	2-1/2"	1-3/4"
7/8"	2-3/4"	2"
1"	3"	2-1/4"
1-1/8"	3-1/4"	2-1/2"
1-1/4"	3-1/2"	2-3/4"



The Skidmore Model HS is a highly reliable direct-action hydraulic load cell instrument designed for use with high-strength bolts through 1-1/2 inch size. Direct dial readings to 170,000 pounds of bolt tension within 1% of accuracy show the preload delivered. Recommended minimum bolt tensions are plainly indicated on the gauge face. The Model HS can be clamped to a convenient column or bench. It is available with interchangeable bolt bushing and plate sets for each size bolt to be testing in a complete range through 1-1/2" bolt sizes.

With the Skidmore MZ, you can accurately simulate joint conditions, then transfer your tightening procedure to the joint itself. Your result is consistent tightening to bolt tension specifications. The Research Council on Structural Connections recommends a tension measuring devise such as the Model MZ be available at every job site. Obsolete torque checking methods will not let you meet approved bolt tension specifications.