

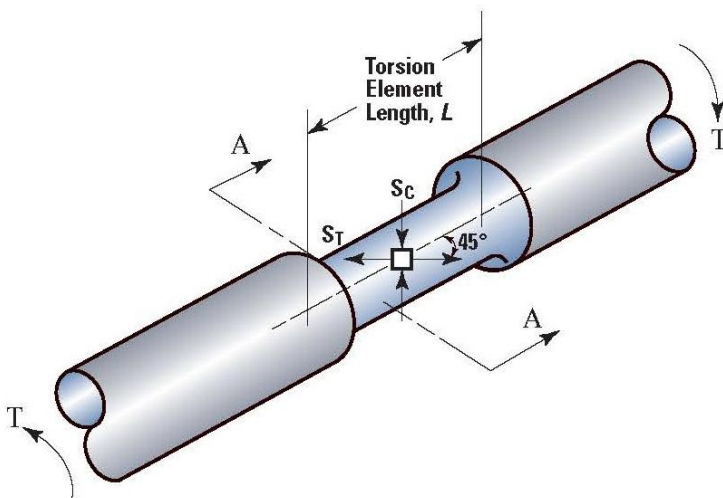


**S. HIMMELSTEIN**  
& COMPANY

*The World's Best Torque  
Instruments Since 1960*

Issue #32 2020

## Tech Memo AN171020 Provides Complete Information About How Strain Gage Torque Sensors Work



All torque sensors manufactured by S. Himmelstein and Company are strain gage. During almost 80 years of service, strain gages have proven to be remarkably accurate and reliable mechanical load sensors. They now dominate weighing including static, dynamic, precision and legal for sale applications. They are also used in the vast majority of precision torque sensors. Read Tech Memo [AN171020](#) to learn how they work and the many variations in which they are used.

## Short on Space? Bearingless Torque Sensors May Be Your Answer!

Himmelstein's bearingless torque sensors are designed for use in a wide range of applications. High accuracy makes them ideal for product performance and efficiency verification testing. Available measurement ranges are from 5 Nm to 2.5MNm. They are easy to install and no special alignment tools are required. View the [video](#) or [contact us](#) for more information.

Accurately Measure Torque  
in Tight Spaces with a  
Bearingless Torquemeter





## Precision, Non-Contact, Splined Rotary Torque Sensors with Analog and Digital Outputs

**NEW!** MCRT® 48550V/48551V with Spline Drive per AND 10262 & AND 20002 have capacities from 50 to 10,000 lbf-in with a speed rating up to  $\pm 30,000$  rpm. Combined nonlinearity and hysteresis is  $\leq \pm 0.03\%$ . These models provide torque, speed, and power outputs in analog and digital form and are compatible with Skydrol and Corrosive Red Hydraulic Oil.

### Himmelstein is Fully Operational

We are open and are not expecting any disruptions in the production of your torque sensors and other equipment. Feel free to [contact us](#) if you have any questions.

Himmelstein products are proudly made in America.



*Designing and Making the Worlds Best Torque Instruments Since 1960*

[www.himmelstein.com](http://www.himmelstein.com) 800-632-7873  
Or contact us at [sales@himmelstein.com](mailto:sales@himmelstein.com)

Focused exclusively on torque sensors since 1960, [Himmelstein](#) designs and makes the world's best torque sensors, transfer standard, and instrumentation. Products include rotating and reaction sensors from 10 ozf-in to 4,000,000 lbf-in in virtually every mechanical configuration. All are calibrated CW and CCW to full capacity in our ISO/IEC17025:2017 accredited laboratory.

Stay in Touch!

