



VAREL  
INTERNATIONAL

## Mining & Industrial Applications

### Varel International Technical Services Toolbox

Geared toward helping our customers get the most out of Varel products, the company provides a range of onsite technical services. These services support Varel's commitment to provide optimum drill bit performance while also supporting performance improvement of the entire drilling operation.

#### Air Testing Services/Air Test Kit

Experienced Varel personnel are available to run air testing services at your site to better understand air flow capabilities of both the Varel drill bits and the site's drills. Testing allows the measurement of actual air volume delivered to the drill bit and also assists in determining the most optimal air pressure and volume for the drilling application. This service creates efficiencies intended to improve total drilling costs.



*Air test kit and carrying case.*

#### Load Cell Evaluations

Varel offers load cell evaluations, also known as pull down tests, for calibration of actual axial forces applied by the drill to the drill bit. Correct calibration allows drillers to maintain the most effective weight on bit during drilling, leading to improved product performance and lowered drilling costs.



*Load cell evaluation kit and carrying case.*

#### Drill Bit Schools

Varel field engineers are available to host drilling seminars onsite in order to assist mine supervisors, drill operators and mechanical drillers in determining the most efficient ways to run the drill bit. This training has proven to increase operators' product knowledge, and to provide drillers with the correct operating procedures and the most beneficial drilling parameters. Project superintendents have confirmed the results of the training, stating that the majority of drillers at their sites have improved drilling skills through these workshops.\* This improvement in skills has led to many field successes, and contributed to overall cost savings achievements on various projects.

*\*For references, please contact your Varel representative.*