

# The VIDAT System

A new generation of vibration dampened tie rods



# The VIDAT System — a superior and unique fastener system.

Tie rods are commonly used in hydraulic hammers to keep the power cell components assembled and aligned. They are one of the highest stressed hammer components. Tie rod failure can lead to significant hammer damage and cost.

The new generation VIDAT (vibration dampened tie rod) System is the latest development in hydraulic breaker technology. It provides extended tie rod service life and durability. These benefits result in less unexpected hammer downtime and reduced operating costs.

The VIDAT System incorporates an alloy steel tie rod bolt design, dampening bushings and specially-designed spherical tie rod nuts. All of these features were developed through extensive finite element analysis and testing. As a result, it delivers a superior and unique fastener system.

A summary of the features and benefits are:

- Alloy steel bolt design extends tie rod life
- Noise reduction makes operation operator-friendly
- Ease of assembly/disassembly (does not require extremely high torques)
- Superior fastener system lowers hammer operating costs
- More resilient to withstand improper operating practices like blank-firing
- Eighteen (18) month warranty which is unparalleled in the industry

The VIDAT System is either **Standard** or available in a **Retrofit Kit** for Allied/Sandvik hydraulic hammers as indicated below:

Model	Standard	Model	Retrofit Kit Part Number
BR2155	X	G 80 N	PN K40080
BR2577	X	BR3890 (G 90)	PN K40090
BR3088	X	BR4510 (G 100)	PN K40010
BR3288	X	BR4511 (G 110)	PN K40011
BR4099	X	BR7013 (G 130)	PN K40130

For sales and service, contact your Allied Distributor:



3900 Kelley Avenue, Cleveland, Ohio 44114  
 Tel: 216-431-2600 Fax: 216-431-2601  
 e-mail: Sales@AlliedCP.com  
 website: <http://www.AlliedCP.com>