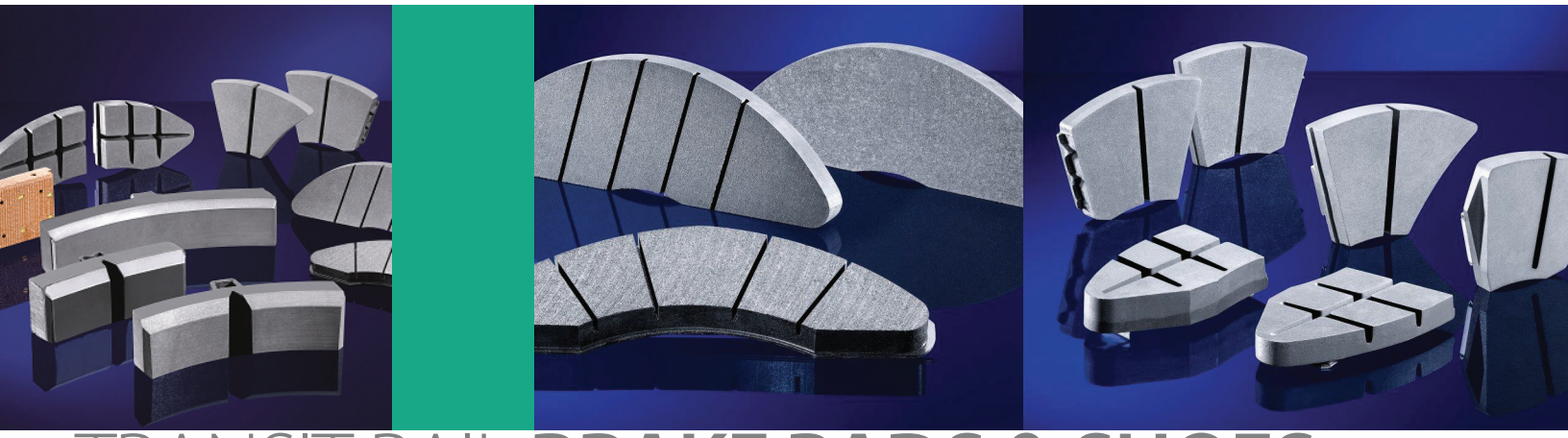
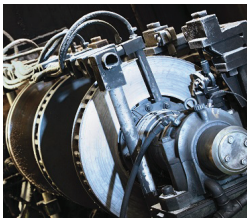


TRANSIT RAIL **BRAKE PADS & SHOES**

UIC CERTIFIED ORGANIC **BRAKE PADS** to 300km/h for coach cars

Bremskerl friction materials are trusted by transit agencies including: **AMTRAK, Metro (Los Angeles), Metro North** and **WMATA** among others. Bremskerl provides a full line of organic and semi-metallic friction material solutions custom formulated to meet each transit authority's needs. Bremskerl's proprietary high performance materials provide superior stopping capability, longer pad and rotor life, reduced noise levels & superior wet/dry performance when compared to OE and aftermarket competitors. **Bottom line; Bremskerl transit rail brake pads and brake shoes last longer, perform better, increase safety and save you money.**



TÜVRheinland CERTIFIED
Management System
ISO 9001:2008
International Railway
www.tuv.com
ID 0091005970

Safe and Reliable

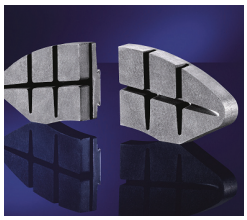
For over 80 years our high quality, innovative products have made Bremskerl a **leading choice worldwide**. Bremskerl is committed to the North American market and continues to provide solutions for numerous transit agencies that improve safety, performance, life of material and life of counter material (friction ring/rotor).

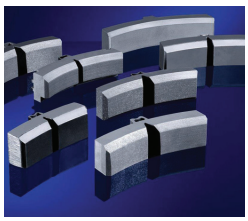
IRIS Certification Rev 2, V2.2

Proven to:

- Reduce disc brake rotor wear
- Reduce maintenance & material costs
- Reduce noise levels
- Improve disc brake pad life
- Stop pad breakage through unique mechanical design
- Superior wet/dry performance

Extreme Lifecycle Cost Savings





Environmentally Conscious

Proudly designed with the health and safety of people and the environment in mind. 100% Non-Asbestos • RoHS Compliant • REACH Compliant

BREMSKERL
The Specialist for Brake and Clutch Linings

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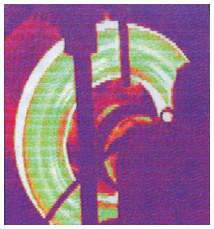
SUPERIOR PERFORMANCE

Bremskerl worked with a major North American transit agency to improve safety through reduced stopping distance. Bremskerl continues to reduce costs for this agency by increasing pad and rotor life significantly over the previous supplier. **Improved safety and reduced costs** is what we provide to all of our customers.

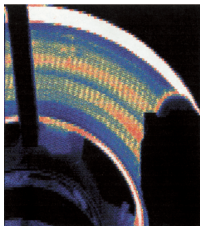
CASE STUDY FACTS

Bremskerl consistently provides a higher quality material

STOPPING DISTANCE	Previous Supplier	**8,400 feet**	regular service
	Bremskerl	**6,800 feet**	
	Previous Supplier	**6,400 feet**	emergency
	Bremskerl	**4,800 feet**	
DISC BRAKE PAD LIFE	Previous Supplier	**138,000 pair**	per year
	Bremskerl	**59,000 pair**	
ROTOR LIFE	w/ Previous Supplier Pads	**170,000 miles**	
	w/ Bremskerl Pads	**1.3+ Million miles**	
TOTAL LIFECYCLE SAVINGS	$10 MILLION PLUS - PER YEAR		



Bremskerl



Typical Competitor

High Quality Formulations
Bremskerl disc brake pads are designed to distribute energy across the entire surface of the disc. Competitor's pads do not effectively use the entire disc.

Disc Brake Pads
UIC 350/400, KRS 350/400, Sintered Metal, UIC Half Moon, Budd Style Pads, custom configurations for other systems.

Materials are designed to operate on steel, grey iron, ductile iron (GGG), cast steel and aluminum on split or non-split disc brake rotors (friction rings).

Brake Shoes
High and low friction brake shoes for both locomotives and coach cars.

Research and Development
State-of-the-art dynamometers test beyond normal operating conditions, programmable route simulations and full climatic conditions.

Benefits Include:
- Overall reduction in wear
- Higher frictional performance under high loads
- Reduction in rotor stress
- Longer disc brake pad and rotor life
- Less rotor thermal fatigue (stress cracks, hot spotting, etc.)

BREMSKERL

The Specialist for Brake and Clutch Linings®

Contact us:
Phone *(800) 939-4047* ***Fax*** *(847) 289-3464* ***Email*** *sales@bremskerl.com*

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