

# BÖLLHOFF

SUCCESS  
STORY

Creative. Visionary. Successful.



Efficient cooperation is the foundation for success. Yours and ours.

Passion for successful joining.



# SNAPLOC® conquers the Rocky Mountains

## PROBATEC AG

### Probatec AG – customised system solutions

The company Probatec AG, located in Amberg, started 1997 with the development and production of prototype parts as well as other products for a well-known manufacturer of vehicle seating systems.

During the years, the service range has been systematically enlarged leading to an increase in turnover and staff. Currently, 50 employees work at Probatec AG.

The company's service and product portfolio includes

- production and assembly of seating as well as table systems for rail and military vehicles,
- manufacturing of different assembly groups according to customer requirements and
- wage milling and wage welding.

Probatec AG supports from the first idea, through prototyping to the final series production.

Customers are several enterprises from the military sector, automation, machining and medical technology as well as governments.



The luxury train Rocky Mountaineer offers its travellers high-class comfort.



### The Rocky Mountaineer

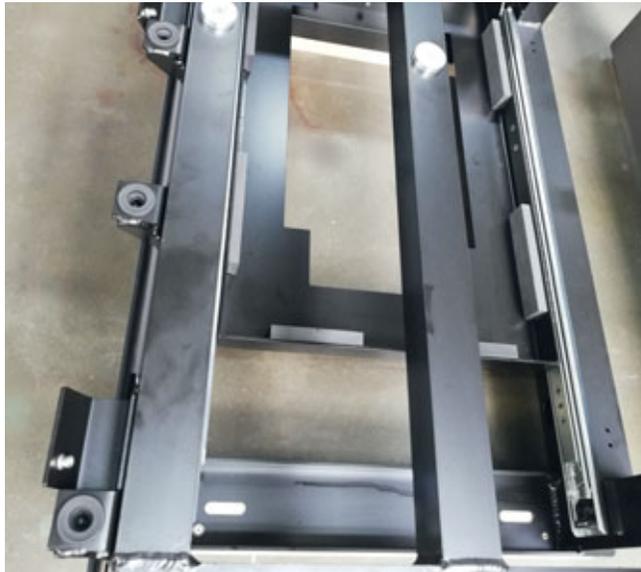
In the 1980s, the state-owned Canadian train company VIA Rail started to offer daily trips between Vancouver and Calgary. After some time, the brand „Rocky Mountaineer“ was created and sold 1990 to private Armstrong Group from Vancouver.

Since then, the Rocky Mountaineer is one of the largest privately owned transport companies in the world having carried more than one million passengers.

While sitting in special constructed single-level or bi-level glass-domed coach, the travellers enjoy an optimal combination of nostalgia, nature and luxury train. Four different iconic routes through Canada's scenery can be booked and this makes the Rocky Mountaineer to one of the most popular train journeys worldwide.

### Initial situation

Due to safety reasons, the Rocky Mountaineer has an extra waggon with spare parts. For example in case of soiling or possible damage of the seats, a quick replacement can be realised, so the journey does not have to be interrupted for a longer time. Another important aspect is the luxury seat design. An invisible installation of fasteners is also required in order to keep the smooth seat surface.



SNAPLOC® system, consisting of coupling and bolt, used in a seat of the company Probatec AG.

### The solution: SNAPLOC® – the decoupling plug-in connection

In cooperation with the company Probatec AG, Böllhoff has been involved in the seat development and construction from the very beginning.

The experts found out instantly the optimal application area for SNAPLOC®. SNAPLOC® is a two-part system – consisting of ball stud and coupling – for quick assembly.

The ball stud cuts a thread into the plastic underpart of the seat. As the counterpart, the coupling is mounted by simply being pushed into the seat attachment frame. Inside the coupling a ball socket is formed, in which the ball stud can snap into.

Push-on to assemble, pull-off to remove: simple assembly and disassembly of SNAPLOC® facilitate significantly the seat replacement. But that is not all.

SNAPLOC® also decouples any noise or vibration which might occur while driving with the train.

In each seat, five SNAPLOC® systems with a diameter of 10 mm are used.

Did we spark your interest? Talk to us.

## Customer benefits

- Fast, easy assembly and disassembly
- Cost-effective fastening system
- Easy integration into the customers' component

## Product characteristics

- Decoupling of vibration and noises
- Tolerance compensation

Worldwide for you a strong partner – at 39 locations in 24 countries.

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