

One global system, fulfilling different engineering philosophies for truck, bus, trailer and off-road applications.

Chosen by the leading truck, bus and trailer manufactures

More than **2 billion** couplings sold

One global system
Raufoss ABCTM Couplings



Raufoss ABC™ Couplings System

Kongsberg Automotive has, in co-operation with leading commercial vehicle manufacturers, developed and produced a new air coupling system based on composite material and brass. The Raufoss ABC™ system is developed for use with Polyamide and Hytrel tubing for the compressed air circuits on commercial vehicles, and is fulfilling all global requirements.

The carefully developed, matured and thought out ABC™ couplings system consists of the following elements:

- Push-in couplings
- ABC™ Swivels
- ABC™ Building Blocks
- Bulkhead couplings
- Test Points
- Hose nipples
- Drain-plug
- Other like plugs, nuts, ... Etc

Raufoss ABC™ couplings can be used with polyamide (PA 6.10, PA 10.10, PA 10.12, PA 11, PA 12) or Hytrel tubing to one of the following standards:

- ISO 7628
- DIN 74324
- DIN 73378
- SAE J844

Raufoss ABC™ couplings from Kongsberg Automotive is approved and certified by: TÜV.

Kongsberg Automotive quality & production system is approved according to the following international standards:

- ISO/TS 16 949
- ISO 14001

Raufoss ABC™ Building block system



A progressive/innovative coupling system, based on composite materials in combination with leading Push-In technology.

Advanced composite materials reduce system cost, weight, article numbers and increases design flexibility. Brass components secure structural integrity in highly stressed areas.

- One Global System
- Design Flexibility
- Full Releasability/Re-usable
- Integrated Safety
- System Cost Reduction
- Weight optimized
- More than 10 years experience in the market
- 100% recyclable
- Increased durability

Raufoss ABC™ Safety



The safety, flexibility and sustainability features make Raufoss ABC™ couplings the most reliable system in the market.

- Preferred by leading manufacturers
- Optimized internal flow-path
- Environmental seal protection = Lifetime leakage-free
- Integrated safety features during assembly
 - two step assembly, Grip then seal
 - “Click“ feedback signal
 - Integrated push in control

KA Raufoss Coupling has opened for a new way of thinking and building air couplings systems.

If you want your trucks, your customers, and your drivers to experience the impact of cutting edge technology, don't hesitate.

This is a coupling system like no other. This is the Raufoss ABC™ System, from Kongsberg Automotive.