



**PI 1835**  
For technical personnel only!  
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# PRODUCT INFORMATION

## DIFFERENT DESIGNS OF STEEL PISTONS

EXAMPLE: SCANIA DC 13



Pistons from Kolbenschmidt



Pistons from competitors

In series production, delivery availability of key engine components, such as pistons, is usually safeguarded by at least two suppliers. Each supplier uses their patents, design philosophies and their own specific product design. For this reason, the pistons can differ significantly from each other in appearance – see example above.

The friction-welded design of Kolbenschmidt above all reduces vibrations that result in cavitations. The high rigidity and large-dimension sliding surfaces also guarantee even running and extremely good durability.

### NOTE

Both versions can be replaced without issues as a complete engine kit.