



**Schöck Dorn becomes  
Schöck Stacon®.**

SCHÖCK STACON® TYPE LD

**For strong connections.**



Shear force dowels for secure and constraint-free connection of reinforced concrete structural components in expansion joints.

# Secure transfer of loads.

Schöck Stacon® type LD is the simple and secure solution for the transfer of forces in expansion joints of long structural components and buildings. It connects the structural components on each side of the joint without the need for additional constructions.

In doing so, it transfers the shear forces while sustaining the necessary mobility.

## Your benefits



European Technical Assessment with CE mark

### Tested safety

The Schöck Stacon® type LD dowel has European technical approval as a load-bearing connector in reinforced concrete structures.

### Excellent fire protection properties

In combination with the fire-protection collar available as an option, the shear force connection can be designed to satisfy fire resistance class R 120.

### Customised solution

The Schöck Stacon® type LD is available in 5 diameters in stainless steel or hot-dip galvanised steel and can be optimally adapted to the prevailing load and environmental conditions.



For further information on Scalix® visit:  
[www.schoeck.com/en/scalix](http://www.schoeck.com/en/scalix)

### Comfortable planning with Schöck Scalix®

The new Schöck Scalix® design software is the first web application in the market segment for shear force dowels and runs on all common browsers. The modular software enables simple design of Stacon® joints. The necessary on-site reinforcement is automatically optimised.

### Superb cost effectiveness

The use of high-strength steel allows smaller diameters and shorter dowels to be used.

### Ready to install and maintenance-free

Schöck Stacon® is made of stainless steel, and is supplied ready for installation – for secure and maintenance-free connections.

## All product components at a glance



**Schöck Stacon® type LD Part S**  
Stainless steel sleeve with nail plate for easy fixing to the formwork for use where frequent deformations are to be expected



**Schöck Stacon® type LD Part P**  
Plastic sleeve with nail plate for easy fixing to the formwork for use in construction joints



**Schöck Stacon® type LD Part ZN**  
Dowel of galvanized, high-strength structural steel for indoor use



**Schöck Stacon® type LD Part A4**  
Dowel of high-strength stainless steel for outdoor use



**Schöck Stacon® type LD-Q Part S**  
Stainless steel sleeve for longitudinal and transverse deformations



**Schöck Stacon® type LD BSM**  
The fire protection collar is simply pushed onto the dowel

### Further information at:

All documents on Schöck Stacon® type LD are available for download on our website.  
[www.schoeck.com/stc-ld/en](http://www.schoeck.com/stc-ld/en)



COMPREHENSIVE EXPERTISE

## Dependable solutions.

Using our future-proof product solutions and systems, we fulfil all structural, physical and construction requirements of the respective application for new construction projects and existing buildings. Our main areas of focus are the reduction of thermal bridges, impact sound insulation and reinforcement technology.

Balcony, access  
balcony, canopy



Wall,  
column



Parapet, roof  
superstructure



Façade



Slab



Stairs



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