

Installation instructions

Rubber speed bumps H-3 cm and H-5 cm



Installed H-3



H-5 modules



H-5 end element

Technical data

H-3 - module	500 × 500 × 30 mm; approx. 6 kg; 4 fixing holes; bevelled edges – no separate end elements needed
H-5 - middle module	500 × 500 × 50 mm; approx. 10 kg; 4 fixing holes
H-5 - end element	500 × 250 mm, height 50 mm tapering to the end; approx. 3.3 kg; 3 fixing holes
Fixings	One set per hole: dowel 14 × 80 mm, Ø 10 mm screw (bolt) and 10 × 25 mm washer. Module – 4 sets; H-5 end element – 3 sets
Quantity	2 modules per linear metre
Material	Recycled SBR rubber from car tyres, black, with 4 yellow retroreflective elements per module
Substrate	Asphalt or concrete, cleaned

Tools required

Tape measure and chalk or marker; hammer drill; 10 mm drill bit for marking; SDS drill bit Ø 14 mm, 90 or 100 mm long; brush or vacuum cleaner; spanner or impact driver; fixings for every hole; gloves, safety glasses and high-visibility vest; signs for temporary traffic management.

How many modules

Leave about 25 cm free between the kerb and the end of the bump on each side, so that water can drain. **H-5:** number of middle modules = (road width in m – 1.0) ÷ 0.5, plus 2 end elements. Example: a 6 m road – 10 middle modules + 2 end elements = 5.50 m. **H-3:** number of modules = (road width in m – 0.5) ÷ 0.5. Example: a 6 m road – 11 modules = 5.50 m.

Step-by-step installation

1	Location On roads open to public traffic, the location and parameters of the speed bump are set by an approved traffic management design – the road owner’s responsibility. Clean the substrate.
2	Lay out Place the modules in their final position across the carriageway, leaving about 25 cm free next to the kerb on each side. For H-5, place end elements at both ends. For H-3, the bevelled edges allow installation without separate end elements.
3	Mark out Mark the holes on the asphalt or concrete through the fixing holes with a 10 mm drill bit. Move the modules aside.
4	Drill Drill the holes with an SDS drill bit Ø 14 mm (90 or 100 mm long). Insert the dowels and clean away the dust.
5	Fix Put the modules back. Insert the screws with washers so that the heads sit in the recesses, and tighten them only lightly – just snug, do not overtighten.
6	Check Check that all screws are in place and the modules fit tightly together. Vehicles can drive over the bump immediately after installation.

Maintenance

Periodically check the fixings and the condition of the retroreflective elements. Replace damaged modules.

Safety: secure the work area and manage traffic during installation. Wear gloves and safety glasses when drilling.