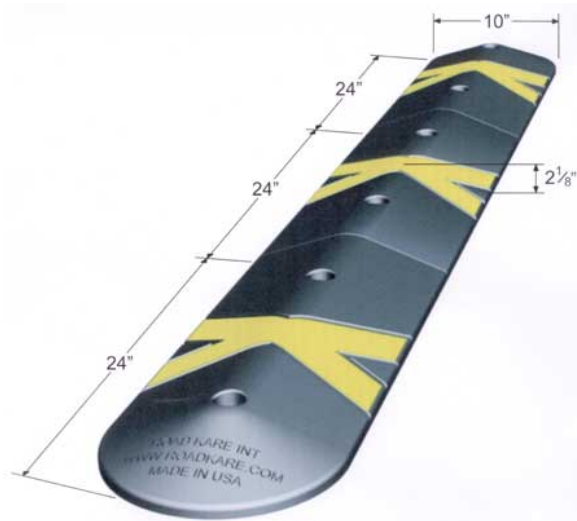


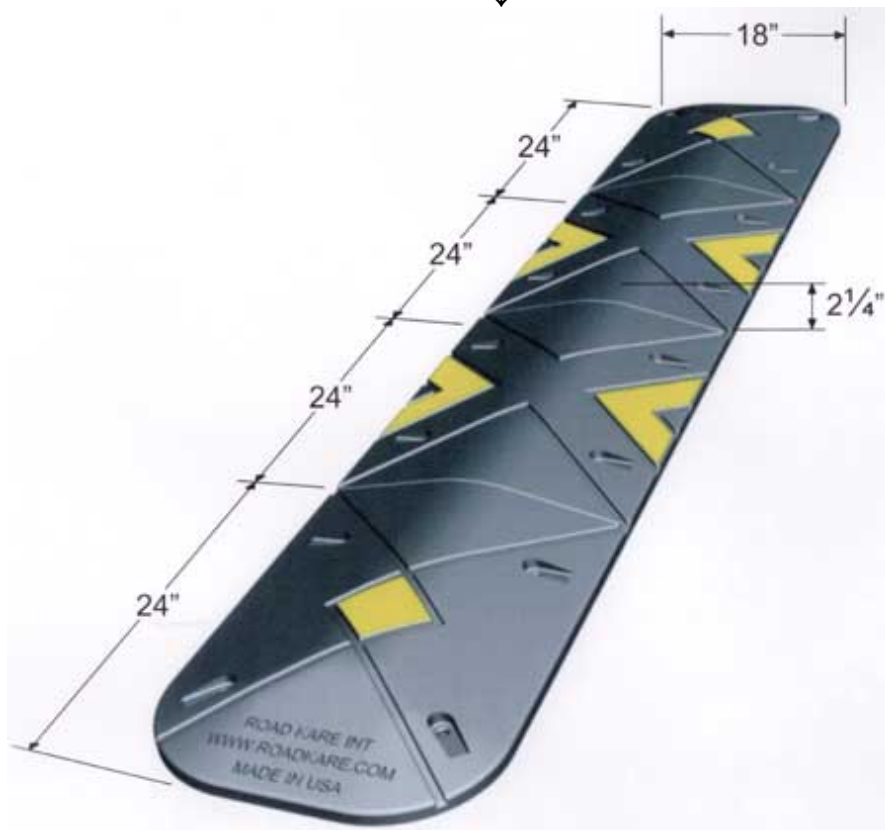
## Speed Breaker Dimensions and Specifications



**RK-10**

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### RK-18 ↓





## Speed Breaker Specifications

### GENERAL

Design specifications are based on the RK-10, RK-18 and RK-36 preformed speed breakers as manufactured by Road Kare International and distributed by Lake Traffic Solutions, phone 925-930-9603.

In order to consistently meet the following specifications, the speed breakers shall be manufactured in the USA by an ISO 9002 approved company. Other manufacturers may be approved with prior approval from architect/engineer.

### DIMENSIONS

**The speed breaker shall be modular in design with the standard length being 6'. Additional sections can be added in 2' increments to desired length. Fixed size speed breaker substitutes shall not be accepted.**

RK-10 is designed to reduce vehicle speed to less than 10 mph. Each module of the RK-10 is 10" W x 2' L x 2 1/8" H. Center module has one reflective yellow "X" molded-in marking. End module is tapered at the end with one reflective yellow molded-in "X" marking.

RK-18 is designed to reduce vehicle speed to less than 15 mph. Each module of the RK-18 is 18" W x 2' L x 2 1/4" H. Center module has two unique shaped 8" reflective molded-in yellow chevrons facing opposite directions. End module is tapered at the end with one reflective molded-in yellow diamond to indicate the end of the speed breaker.

RK-36 is designed to reduce vehicle speed to less than 20 mph. Each module of the RK-36 is 36" W x 2' L x 2 1/2" H. Center module has two unique shaped 12" reflective molded-in yellow chevrons facing opposite directions. End module is tapered at the end with one reflective molded-in yellow diamond to indicate the end of the speed breaker.

### MATERIAL

Speed breaker modules shall be made from 100% recycled rubber and a two-part polyurethane binder making the speed breaker impervious to motor fuels, oils, solvents, road salts and outdoor environment. The rubber shall be obtained from recycled truck and tractor tire treads only (which is all rubber as compared to car tires which contain synthetic rubber). The rubber, in fiber form up to 1/2" long, shall contain no rubber dust, granules or fly that will weaken the final product. They shall be compression molded and have the following properties:

- Shore A Hardness: 65 minimum
- Specific Gravity: 1.13
- Skid Resistance: 89 (dry)
- Tensile Strength: 500 p.s.i. minimum
- Deform Rate: None (100% recovery after compression)

All shall be black in color with all markings made of pavement marking tape and molded into the rubber for long term durability. Markings that are painted on or applied with adhesives shall not be acceptable.

### WARRANTY

RK-10, RK-18 and RK-36 preformed speed breakers and markings are guaranteed for 2 years under normal use when installed according to manufacturer's specifications.