

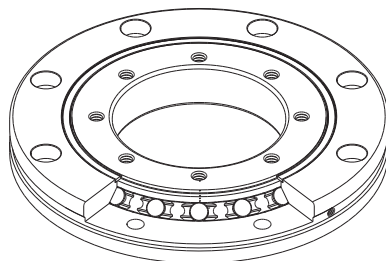
Types of Cross-Roller Ring

Types and Features

Model RU (Integrated Inner/Outer Ring Type)

 Dimensional Table⇒ **A18-22**

The integrated design of the unit's inner and outer rings, with mounting holes on both rings, eliminates the need for a special flange or housing and enables easy installation. Mounting has virtually no effect on performance, which ensures stable, accurate rotation and torque. This model can be used for both outer and inner ring rotation.



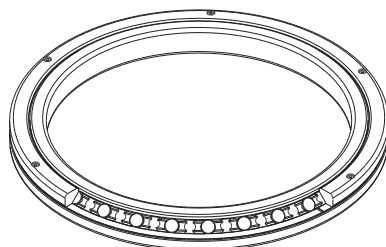
Model RU

Model RB (Separable Outer Ring Type for Inner Ring Rotation)

 Dimensional Table⇒ **A18-24**

This model is the basic type of cross-roller ring, with a separable outer ring, and an inner ring integrated with the main body. It is used in locations where the rotational accuracy of the inner ring is required.

It is used, for example, in the swivel portions of index tables of machine tools.

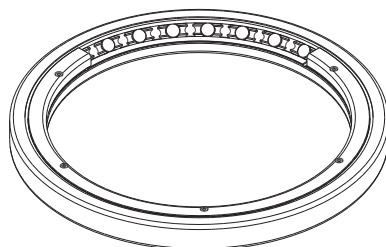


Model RB

Model RE (Two-Piece Inner Ring Type for Outer Ring Rotation)

 Dimensional Table⇒ **A18-27**

The main dimensions are the same as model RB. This model is used in locations where the rotational accuracy of the outer ring is required.

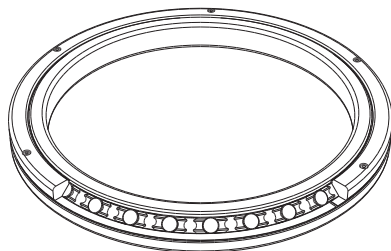


Model RE

USP-Grade Series of Models RB and RE

Dimensional Table⇒ **A18-30**

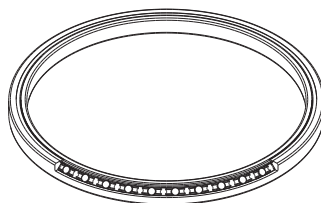
The rotation accuracy of the USP-grade series achieves the ultra precision grade that surpasses the world's highest accuracy standards such as JIS Class 2, ISO Class 2, DIN P2, and AFBMA ABCE9.



Model RAU (Integrated Inner/Outer Ring Type)

Dimensional Table⇒ **A18-31**

The extremely small cross-sectional area allows it to be used in lightweight, compact devices. The integrated inner/outer ring structure can be used for both inner and outer ring rotation. There is a 5 mm thin type and an RA interchangeable type. The thin type product lineup starts at a micro-sized 10 mm inner diameter.

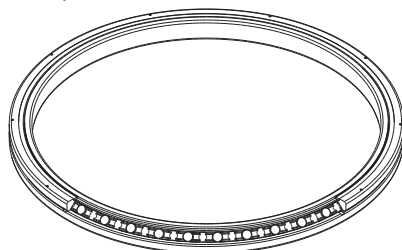


Model RAU

Model RA (Separable Outer Ring Type for Inner Ring Rotation)

Dimensional Table⇒ **A18-33**

A compact type similar to Model RB with the thinnest possible inner and outer rings. It enables lightweight and compact designs for the swiveling hand portions of manipulators and robots.

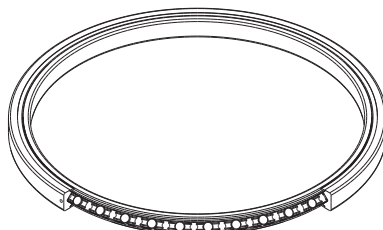


Model RA

Model RA-C (Single-Split Type)

Dimensional Table⇒ **A18-34**

The main dimensions are the same as those of Model RA. Owing to its single-split outer ring structure with a highly rigid outer ring, this model can be used for outer ring rotation.



Model RA-C