

Types of the Link Ball

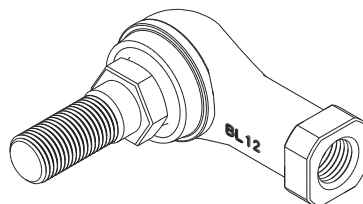
Types and Features

Model BL

Specification Table⇒ [A22-12](#)

The holder made of high strength zinc alloy is connected perpendicularly to the shank incorporated with a ball.

With a grease pocket formed on the top and bottom of the spherical area, this model achieves high lubricity and high wear resistance.



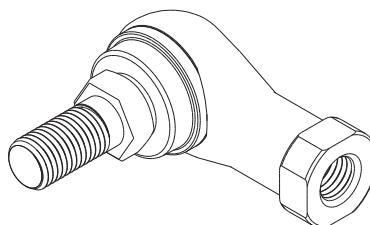
Model BL

Model BL-A (supported models: BL4A, BL5A only)

Specification Table⇒ [A22-12](#)

The holder is connected in perpendicular to the shank, which comprises a male thread specially welded with a highly accurate steel ball. With a grease pocket formed on the top and bottom of the spherical area, this model achieves high lubricity and high wear resistance.

Use of the A-1 alloy in the holder significantly reduces the weight.



Model BL-A

A-1 Alloy, a high strength aluminum alloy newly developed for the Link Ball, has yield strength approximately twice that of the commonly used aluminum die cast material ADC 12, and its strength and wear resistance are equivalent to the high strength zinc alloy.

With its specific gravity less than that of the high strength zinc alloy, model BL-A is optimal as an automotive part that requires lightweight, high strength, high corrosion resistance and high wear resistance.

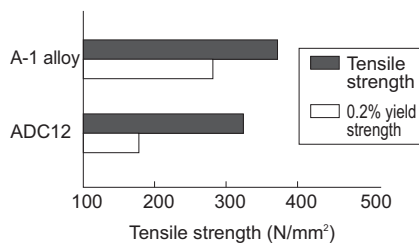


Fig.3 Tensile Strength and Yield Strength of THK A-1 Alloy and ADC 12

Features and Types

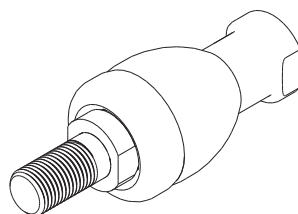
Types of the Link Ball

Model RBI

With this Link Ball model, the high strength zinc alloy is used in its holder, and the mounting bolt and the holder are arranged on the same axis, allowing this model to receive an axial load.

Since grease is contained in the boot, this model achieves high lubricity and high wear resistance.

Specification Table⇒ **A22-14**



Model RBI