

Abstract

SPROCKET

A sprocket includes a sprocket body 2 provided with through holes 5 each corresponding to a corresponding one of tooth spaces 4, and a plurality of elastic bodies 20, 30 provided in the outer circumferential portion of the sprocket body 2. The elastic bodies 20 includes a pair of side plate portions 21A, 21B each having a partially circular shape on the respective side faces of the sprocket body 2, and a connecting portion 22 attached to three consecutive through holes 5 for connecting the side plate portions 21A, 21B. Thus, the elastic body 20 is assembled with the connecting portion 22. The elastic bodies 30 includes a pair of side plate portions 31A and 31B each having a partially circular shape on the respective side faces of the sprocket body, and a connecting portion 32 attached to two of the through holes 5, which adjacent to each other, for connecting side plates 31A, 31B. Thus, the elastic body 30 is assembled with the connecting portion 32. According to the sprocket, noise due to the engagement with a roller chain can be reduced, and the production cost can be reduced, thereby improving the productivity.