

Sprung Coupling

Abstract

A coupling has first and second segments attached to one another end to end surrounding a central space for receiving pipe elements. A spring assembly attaches the segments at one end and an adjustable attachment assembly attaches the segments at the opposite end. The spring assembly biases the segments away from one another sufficient to permit insertion of the pipe elements into the central space while the segments are attached to one another. The coupling may include a split ring toothed retainer for coupling plain end pipe elements, or it may have arcuate keys which engage grooved or shouldered pipe elements.

Figure 2