

A method for control of rigidity of shell shock absorber relates to the area of machine-building and can be used to provide control of rigidity of shell shock absorbers, for which the bearing link is the shell with cut. The cut is arranged at angle to the generatrix of the shell in such way that the involute of the shell takes shape of parallelogram, at that to provide maximal value of rigidity its inner acute angle is 45° , and to provide intermediate value of rigidity this angle is chosen from interval $45^\circ - 90^\circ$.