

Bolster beam of a railway freight car bogie consists of an upper flange with support platforms for the skids, featuring machining holes and a central plate, and a lower flange containing a vertical rib. The support platforms for the springs of the spring assembly, the side vertical walls with oval-shaped machining openings, and the transition of the vertical rib into the upper flange are formed with two radii; stiffening ribs are located on the lower flange symmetrically to the vertical rib. The stiffening ribs start from the inner side of support platforms for the springs of the spring assembly, extend across the intermediate section of the lower flange, and end at the straight section of the lower flange. The center of the conjunction radius is located 15-40 mm above the horizontal axis of the oval-shaped machining openings in the side walls.