

How the horizontal constrainer works

The horizontal constrainer is always used in pairs, since the single element only transfers horizontal forces. Figure 1 illustrates the right application: if the tank is loaded with a horizontal load in the “RED” direction, the element marked “RED” is loaded with a compression force and transfers the forces while the element marked “GREY” is unloaded (the spring transfers no force; its only purpose is to position the parts in the right way).

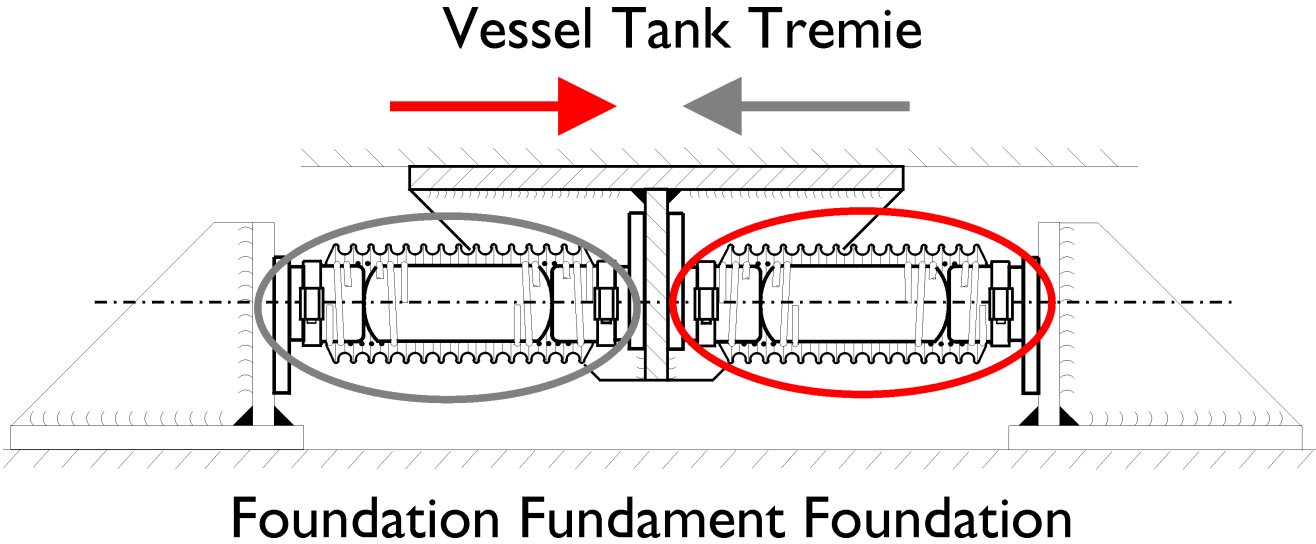


Fig. 1 Operating principle

