



We make it **possible**

FLEXIBLE COUPLINGS



1 - GENERAL

1.1 - Function of a flexible coupling

When transmitting torque from a drive shaft to a driven shaft, flexible couplings :

- absorb and dampen **irregularities** in the **torque**;
- distribute peak loads;
- allow misalignments and offsets between the shafts;
- permit some distortions in the mounting beds;
- avoid the unwelcome constraints that may occur if a rigid coupling were fitted in the same conditions;
- allow a lighter construction, with wider tolerances, and lower cost.

In particular, a flexible coupling is absolutely essential if the machines that are coupled are on **flexible mountings**.

Moreover, there is **no play** in a flexible coupling, and it therefore **runs silently, without friction and does not need to be greased**.

