

Balanced Coupling Alignment

Install balanced couplings as outlined in the standard installation instructions supplied with the coupling. In addition, take the following precautions to maintain the special balance established on the Rexnord balancing machine.

1. Keep balanced parts segregated in sets and do not mix with couplings which have not been balanced.
2. Keep weigh-balanced fasteners in sets. DO NOT substitute other fasteners.
3. Double keys, spaced at 180°, must be of equal weight.
4. Single keys must completely fill the coupling keyway without overfilling or underfilling. Fill the keyseat in the shaft of each connected machine to the same extent as when its rotor was balanced. Refer to the manufacturer of the connected machinery for this information. It may be necessary to use a longer key or a special stepped key to compensate for a longer keyseat.
5. There may or may not be match marks on coupling parts depending upon the type of coupling and the balancing procedure employed. Parts which were individually balanced are not match marked because the circumferential relationship to other parts is not important from a balance consideration. When match marks are used, they appear as "A", "B", etc. on each mating part. If several assemblies are on an order, they will be further designated as "A₁", "B₁", "A₂", "B₂", etc. It is important that corresponding match marks be in axial alignment on adjacent parts when the assembly is completed.

Remove any Balanced Part labels adhering to the coupling. They were applied at the Factory after the balancing operation was complete. The mass of the label could contribute a significant amount of unbalance to small high speed installations.