

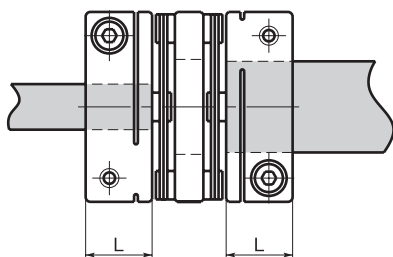
Alignment Adjustment

- 1 Flexible Couplings are designed to transmit torque and rotational angle while absorbing misalignment. However, when misalignment exceeds allowable levels, vibration may result and the longevity of the coupling may be reduced. Therefore, be certain to make alignment adjustments.
- 2 There are three types of shaft misalignment: parallel misalignment, angular misalignment, and shaft end-play. Please adjust alignment to levels below those listed in the specification charts of the various product pages.
- 3 Maximum allowable misalignment levels listed in this catalog pertain to cases where only a single misalignment is present. In cases where two or more misalignments exist, maximum misalignment levels should be halved.
- 4 In addition to assembly, misalignments can be caused by heat expansion, wear of bearings, and vibration from operation. It is therefore recommended to adjust shaft misalignments to below 1/3 of maximum values.

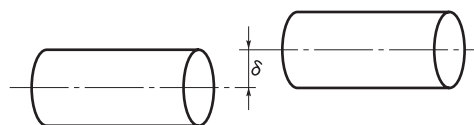
Shaft Insertion Length

The length of the shaft that can be inserted into the Couplicon® is listed as (L) in the dimension charts within this catalog. If the insertion length is too short, it may cause the shaft to slip or cause damage to the shaft's clamp area.

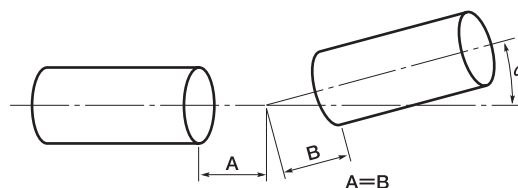
If the insertion length is too long, it can cause damage to the interior of the Couplicon® due to contact with the shafts.



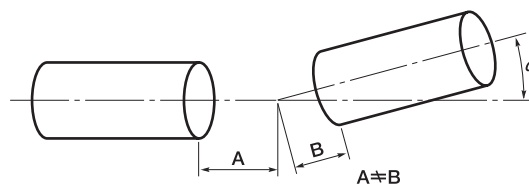
Parallel Offset Misalignment



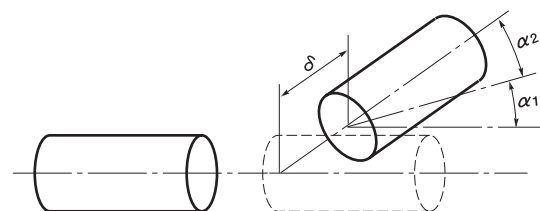
Symmetrical Angular Misalignment



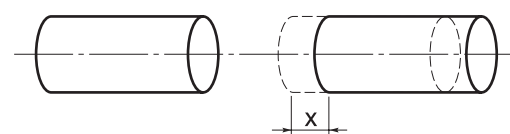
Non-Symmetrical Angular Misalignment



Combined Angular-Offset Misalignment



End-Play



Run Out

