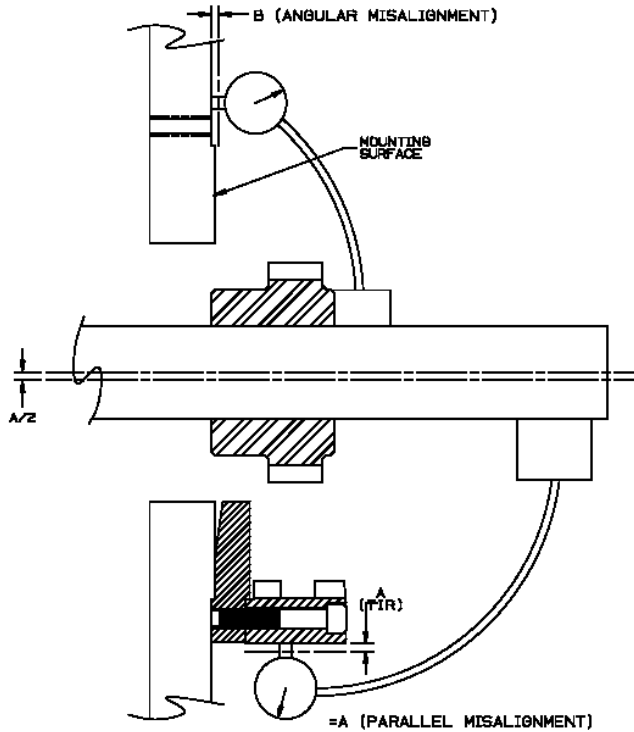




Wichita Low Inertia Clutch/Brake Alignment



If bearing clearance will not position shaft axially, then some method of positioning shaft will be necessary during alignment.

Dial indicator to be located as shown in drawing above and readings should not exceed limitation set in Table 3.

The readings under A and B are maximum deviations advisable for normal clutch running with no excessive wear on friction materials and no additional load on parts or machine bearings.

Consult general arrangement drawing of machine for initial cold offset setting of shafts to compensate for thermal expansion of gear case under running conditions.

| Table 3: Alignment Specifications | | | | |
|-----------------------------------|----------------------|-------|---------------------|-------|
| Brake Size | Parallel A=T.I.R. | | Angular B=T.I.R. | |
| | mm | Inch | mm | Inch |
| 6" | 0.08 | 0.003 | 0.06 | 0.003 |
| 8" | 0.10 | 0.004 | 0.10 | 0.004 |
| 11" | 0.15 | 0.006 | 0.15 | 0.006 |
| 14" | 0.18 | 0.007 | 0.18 | 0.007 |
| 16" | 0.20 | 0.008 | 0.20 | 0.008 |
| 18" | 0.23 | 0.009 | 0.23 | 0.009 |
| 21" | 0.28 | 0.011 | 0.28 | 0.011 |
| 24" or 24h | 0.30 | 0.012 | 0.30 | 0.012 |
| 27" | 0.36 | 0.014 | 0.36 | 0.014 |
| 30" or 30h | 0.38 | 0.015 | 0.38 | 0.015 |
| 36" or 36h | 0.46 | 00.18 | 0.46 | 00.18 |
| 42" | 0.53 | 0.021 | 0.53 | 0.021 |
| 48" | 0.61 | 0.024 | 0.61 | 0.024 |
| 60" | 0.76 | 0.030 | 0.76 | 0.030 |