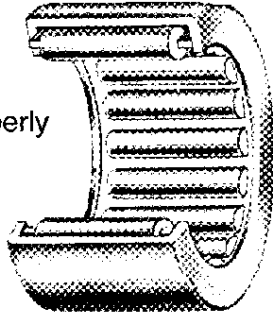




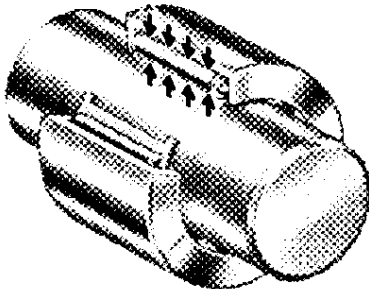
INA CAGE GUIDED VS. FULL COMPLEMENT

CAGE GUIDED

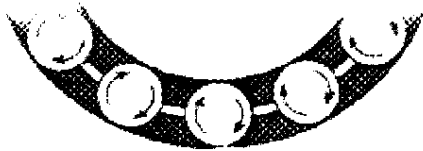
Cage bars keep rollers properly aligned – prevent skewing.



Rollers are aligned parallel to the shaft axis, assuring proper line contact and uniform load distribution – permitting reliable life predictions.

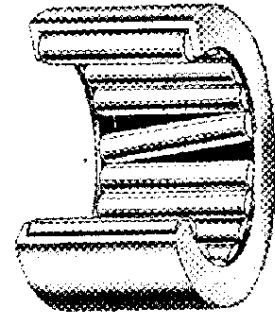


Excellent lubrication conditions exist – ample space provides a reservoir for optimum location and distribution of lubricant.

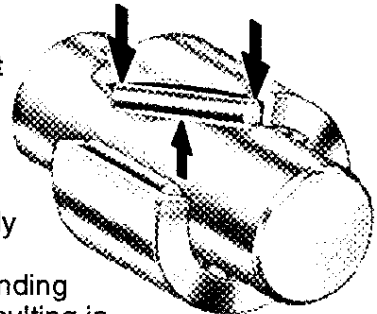


FULL COMPLEMENT

Without a cage, rollers may skew.



Skewed rollers contact the shaft at one point and the outer race at two points. This causes extremely high contact stresses and bending of the rollers, resulting in unpredictable bearing life. Skewing also induces undesirable thrust loads.



Difficult lubrication conditions exist due to lack of space. Access of lubricant to outer race is limited and inter-roller friction produces excessive torque.

