

ACKNOWLEDGMENTS

We are expressing our thanks and we are crediting the following publications for providing material for this text, by the permission of the publishers:

1. *Design of Machine Elements*, M. F. Spotts, Late Professor Emeritus of Mechanical Engineering Department, Northwestern University and T. E. Shoup, Dean of Engineering, Santa Clara University, Prentice Hall, Upper Saddle River, New Jersey 07458, 1998.
2. *Machine Design*, Joseph Edward Shigley, Associate Professor, Dept. of Mechanical Engineering – University of Michigan, McGraw Hill Book Company, 1956.
3. *Standard Handbook of Machine Design*, Chapter 27 “Rolling Contact Bearings”, Charles Mischke, Ph.D., P.E., Professor Emeritus of Mechanical Engineering, Iowa State University, McGraw Hill Book Company, 1996.
4. *Handbook of Shafts, Bearings and Couplings*, Technical Staff of Stock Drive Products and Sterling Instrument (SDP/SI), 1993.

For further study of this subject matter, the following references are provided:

1. Allan, R. K., *Rolling Bearings*, London: Sir Isaac Pitman & Sons Ltd., 1945.
2. Bamberger, E. N., T. A., Harris, W. M., Kacmarsky, C. A., Moyer, R. J., Parker, J. J., Sherlock, and E. V., Zaretsky, *Life Adjustment Factors for Ball and Roller Bearings*, ASME, New York, 1971.
3. *Bearings Reference Issue, Machine Design*, No. 42, June 18, 1970.
4. *Boundary Lubrication – An Appraisal of World Literature*, New York: American Society of Mechanical Engineers, 1969.
5. Dowson, D., and G. R. Higginson, *Elasto-hydrodynamics Lubrication*, 2nd ed., New York: Pergamon Press, Inc., 1977.
6. *Engineering Journal*, Sec. 1, The Timken Company, Canton, Ohio, 1972, revised 1978.
7. Harris, T. A., “Predicting Bearing Reliability,” *Machine Design*, vol. 35, no. 1, Jan. 3, 1963, pp. 129-132.
8. Harris, T. A., *Rolling Bearing Analysis*, New York: John Wiley & Sons, Inc., 1966.
9. *Load Ratings and Fatigue Life for Ball Bearings*, Arlington, VA: The Anti-Friction Bearing Manufacturers Association, Inc., 1979.
10. Morton, H. T., *Anti-friction Bearings*, 2nd ed., Ann Arbor, Michigan: H. T. Morton, 1965.
11. Palmgren, A., *Ball and Roller Bearings*, 3rd ed., Philadelphia: SKF Industries, Inc., 1959.
12. Rothbart, H. A., Ed., *Mechanical Design and Systems Handbook*, New York: McGraw Hill Book Company, 1964, Section 13.
13. Shaw, M. C., and E. F. Macks, *Analysis and Lubrication of Bearings*, New York, McGraw Hill Book Company, 1949, Chapter 10.
14. *SKF Engineering Data*, SKF Industries, Inc., Philadelphia, 1979.