



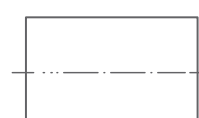
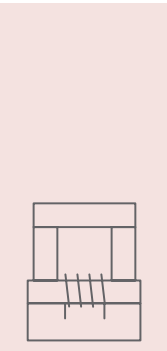
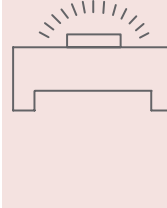
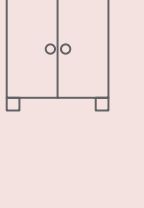

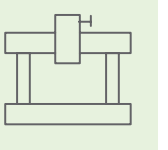
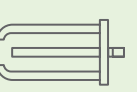
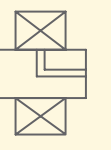

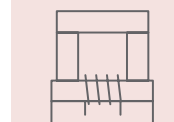


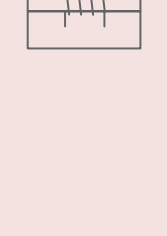
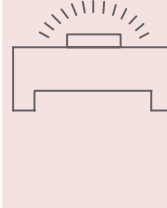
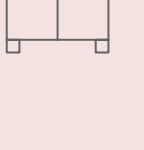
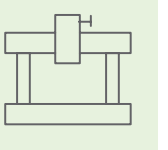
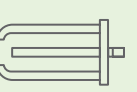


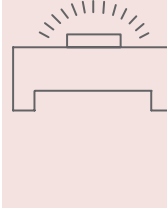
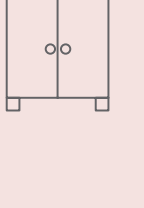
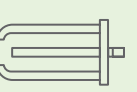
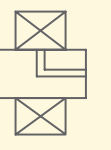




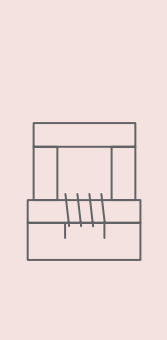
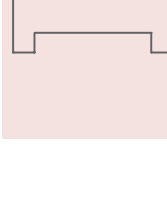
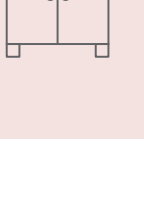

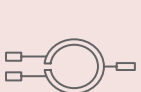
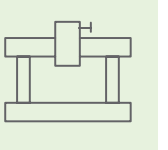

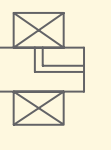

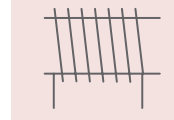


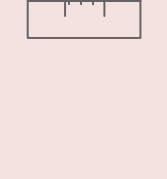
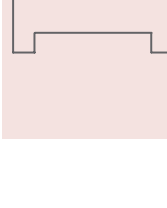
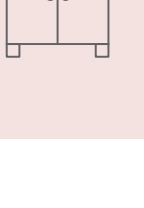
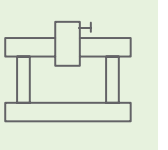


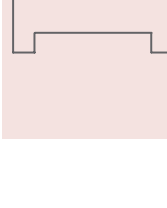
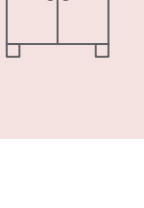

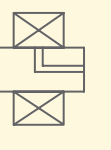

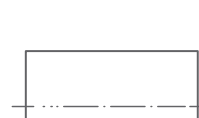
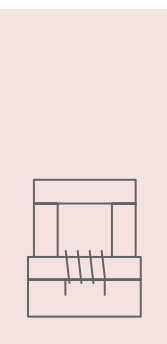
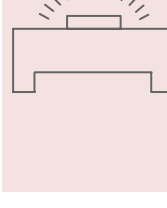
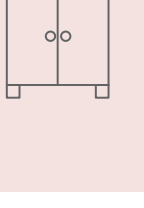

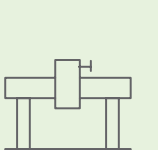
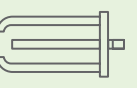





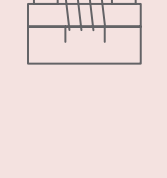
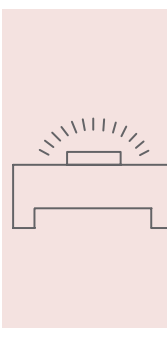
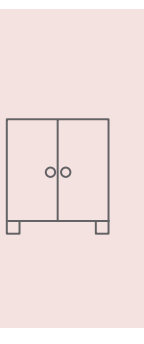
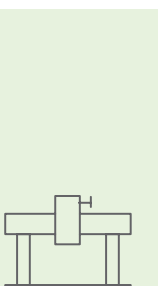



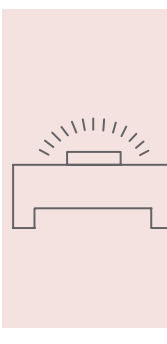
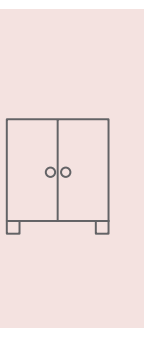




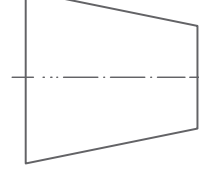



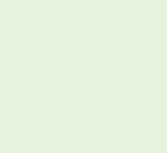



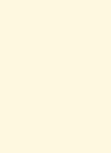
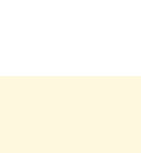
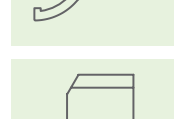





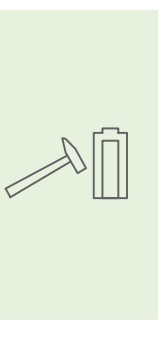






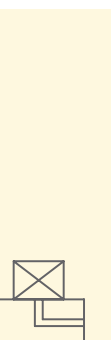




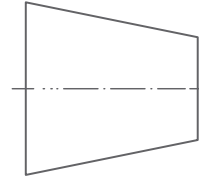





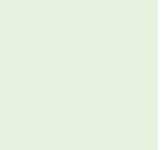

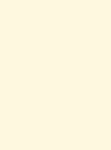

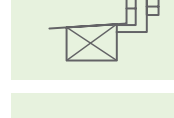




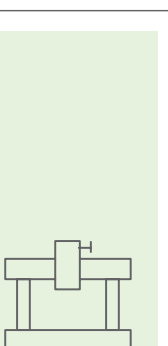
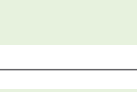




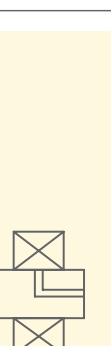
We pioneer motion



# SCHAEFFLER

# Mounting of Rolling Bearings

## Tools, Devices and Methods

| Bearing type  |  |  |  | Bearing bore  | d [mm]  | Mounting  |   |   |   |   |   | Dismounting |   |   |   |   |   | Symbols   |   |   |   |   |
|---|--|--|--|---|---|---|---|---|---|---|---|-------------|---|---|---|---|---|---|---|---|---|---|
|   |  |  |  |   |   | Thermal   |   |   | Mechanical  |   | Hydraulic   | Thermal     |   | Mechanical  |   | Hydraulic   |   |   |   |   |   |   |
|    | Deep groove ball bearings  |  |  |  | Tapered roller bearings   |    | <80   |    |    |    |    |             |   |    |    |    |    |    |    |   |   |   |
|    | Angular contact ball bearings<br>Spindle bearings  |  |  | 80 – 200  |    |   |    |   |   |   |   |             |   |   |   |   |   |   |   |    |    |    |
|    | Four point contact bearings  |  |  | >200  |    |   |    |   |   |   |   |             |   |   |   |   |   |   |   |    |    |    |
|    | Self-aligning ball bearings  |  |  |  | Toroidal roller bearings  |   |   |   |   |   |   |             |   |   |   |   |   |   |   |   |   |   |
|    | Cylindrical roller bearings  |  |  | Cylindrical   | <80   |  | <80   |   |  |  |   |             |    |  |   |  |  |    |    |   |   |   |
|  | Needle roller bearings   |  |  | 80 – 200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |   |
|   |  |  |  | >200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|  | Axial deep groove ball bearings  |  |  | Cylindrical   | <80   |  | <80   |  |  |  |  |             |   |  |  |  |  |  |  |   |   |   |
|  | Axial angular contact ball bearings  |  |  | 80 – 200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|  | Axial cylindrical roller bearings  |  |  | >200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|  | Axial spherical roller bearings  |  |  |   |   |   |   |   |   |   |   |             |   |   |   |   |   |   |   |   |   |   |
|  | Self-aligning ball bearings<br>Self-aligning ball bearings with adapter sleeve   |  |  | Tapered   | <80   |  | <80   |  |  |  |  |             |  |  |  |  |  |  |  |   |   |   |
|  | Toroidal roller bearings   |  |  | 80 – 200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|  | Barrel roller bearings<br>Barrel roller bearings with adapter sleeve   |  |  | >200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|  | Spherical roller bearings<br>Spherical roller bearings with adapter sleeve<br>Spherical roller bearings with withdrawal sleeve |  |  |   |   |   |   |   |   |   |   |             |   |   |   |   |   |   |   |   |   |   |
|  | Adapter sleeve  Withdrawal sleeve           |  |  |   |   |   |   |   |   |   |   |             |   |   |   |   |   |   |   |   |   |   |
|  | Cylindrical roller bearings, double row  |  |  | Tapered   | <80   |  | <80   |  |  |  |  |             |  |  |  |  |  |  |  |   |   |   |
|   |  |  |  | 80 – 200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |
|   |  |  |  | >200  |  |   |  |   |   |   |   |             |   |   |   |   |   |   |   |  |  |  |