### Rotary Shafts

#### MISUMI Round Bar Lineup

For shafts intended for rotary motion:

- **Product Name**: Round Bar (Material)
- **Shaft Dia.**: h7/g6/h9
- **Hardness**: Related
- **Related**: Stainless Steel, Aluminum, Carbon Steel, Chrome, Molybdenum Steel, Copper

For shafts intended for linear motion:

- **Product Name**: Linear Bushing Shaft Support Oil Free Bushing
- **Shaft Dia.**: Various
- **Hardness**: Related
- **Related**: Driving Shafts - Straight, Hollow Rotary Shafts - Lightweight, Straight

### Rotary Shafts

#### Rotary Shafts with Keyways have been standardized.

Traditional Type (D Tolerance h9, Economy type h9 (Cold-drawn) or standard grade h7 (Ground)) is selectable depending on intended use.

- **Standard Model**: SPNR
- **Page**: P.825, P.829, P.833, P.835

#### Accuracy Standards of Rotary Shafts and Driving Shafts

- **Values in ( )** are for driving shafts.
- **Circularity and Straightness**
- **Circularity of Part D**
- **Circularity of Part T**
- **Tolerances of L, Y and Other Dimensions** for Rotary and Driving Shafts

#### Detailed Dimensions for Keyway and Threaded Relief of Rotary Shafts and Driving Shafts

- **Detailed Dimensions of Keyway for Shaft Dia. (D, P, Q)**
- **Detailed Dimensions of Keyway for Shaft Dia. (D, P, Q)**
- **Detailed Hex Socket Dimensions for Rotary Shaft Dia. D**

### Rotary Shafts Thread Undercut (PC, QC) Dimensions (Reference)

When thread undercut machining (PC, QC) is specified, PC, QC dimension is as shown in the table below. As for the PC and QC dimensions for the fine thread alteration (PM, SM) also refer to the tables below.

- **Coarse Thread**
- **Combined with Fine Thread Alteration**