

Shafts
Both Ends Threaded

High Precision Linear Shafts when high precision assembly is needed
Features: Perpendicularity .0.03, Concentricity 0.02
P.207

For High Precision Linear Shafts with high perpendicular precision of the shaft end (0.03), see P.207.
For Both Ends Threaded with Undercuts, see P.157. For Shafts with Wrench Flats and Cross-Drilled Hole, see P.155.

Technical drawing of a shaft with dimensions and material specifications. Includes a table for material and surface treatment options, and a table for dimensions D, g6, h5, f8.

Table with 10 columns: Part Number, Type, D, L, 1mm Increment, F, T, B, S, P, Q Selection, (Y) Max., R, C. It lists various shaft types and their corresponding dimensions and material specifications.

Ordering Example: Part Number - L - F - B - P - T - S - Q. Example: SFAM20 - 300 - F30 - B20 - P8 - T20 - S15 - Q10.

Alterations: Part Number - L - F - B - P (PMC, PMS) - T - S - Q (QMC, QMS) - (LKC... etc.). Example: SFAM30 - 300 - F40 - B30 - P20 - T50 - S40 - Q16 - LKC.

Table with 3 columns: Alterations, Code, Spec. It details various shaft alterations such as LKC (Alteration to L dimension tolerance), WSC (Wrench Flats at Two Locations), FC (Set Screw Flat at One Location), and WFC (Set Screw Flats at Two Locations).

Table with 3 columns: Alterations, Code, Spec. It details alterations RC (90-deg. Set Screw Flat at One Location), WRC (90-deg. Set Screw Flats at Two Locations), and PMC/PMS/QMC/QMS (Change to Fine Thread).

Please see Shaft Alteration Overview for details if provided. P.113
When selecting multiple alteration additions, the distance between machined areas should be greater than 2mm.
Alterations may lower hardness. See P.112

Large table showing Unit Price for various shaft types (SFAM, SSFAM, PSFAM, PSSFAM) across different dimensions (D, L, L51, L101, L151, L201, L251, L301, L351, L401, L451, L501, L551, L601, L651, L701, L751, L801, L851, L901, L951, L1001, L1101, L1201, L1301, L1401).

Table with 2 columns: Part Number, Unit Price. It shows the unit price for various shaft types (SFAM, SSFAM, PSFAM, PSSFAM) across different dimensions (D, L, L51, L101, L151, L201, L301, L401).

Table with 2 columns: Part Number, Unit Price. It shows the unit price for various shaft types (SFAM, SSFAM, PSFAM, PSSFAM) across different dimensions (D, L, L51, L101, L201, L401, L601, L801, L1001, L1201, L1496).

