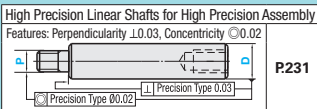


Shafts
One End Threaded One End Tapped



P.231

For High Precision Linear Shafts with high perpendicular precision of the shaft end (0.03), see P.231. For Shafts with Wrench Flats / Cross-Drilled Hole, see P.171.



RoHS 10

- Annealing may lower hardness at shaft end machined areas (effective thread length + approx. 10mm). P.142
- L Dimension Tolerance, Circularity, Straightness, Perpendicularity, Concentricity and Changes in Hardness P.141
- Features of Low Temp. Black Chrome Plating P.156

Table with 6 columns: D Tol. g6, D Tol. h5, D Tol. f8, Material, Hardness, Surface Treatment. Rows include SFAD, SSFAD, PSFAD, PSSFAD, RSFAD, PSFGD, PSSFGD. Includes a diagram of a shaft with dimensions M, R, B, F, L, N, 2-C, A, and a table of D Tolerances for g6, h5, f8.

Table with 10 columns: Part Number, D, L, F, B, P, N, Y, R, C, M, Pitch. Rows include SFAD, SSFAD, PSFAD, PSSFAD, RSFAD, PSFGD, PSSFGD. Includes a diagram of a shaft with dimensions M, R, B, F, L, N, 2-C, A, and a table of D Tolerances for g6, h5, f8.

- Full length L requires Nx2.5+4≤L.
- When D=P, specify F=B as B dimensions. However, L and F dimensions have manufacturing priority and B dimension of the product will be F-(Pitchx2).

Ordering Example: Part Number - L - F - B - P - N. Example: SFAD20 - 277 - F25 - B12 - P10 - N12.

Alterations: Part Number - L - F - B - P(PMC, PMS) - N(NSC, ND) - (LKC, WSC...etc.). Example: SFAD30 - 250 - F40 - B30 - P10 - N10 - LKC.

Table with 3 columns: Alterations, Code, Spec. Rows include LKC (Alteration to L dimension tolerance), WSC (Wrench Flats at Two Locations), FC (Set Screw Flat at One Location), WFC (Set Screw Flats at Two Locations).

Table with 3 columns: Alterations, Code, Spec. Rows include RC (90-deg. Set Screw Flat at One Location), WRC (90-deg. Set Screw Flats at Two Locations), PMC/PMS (Change to Fine Thread), NSC (Change to Fine Tapped Thread), ND (Change the effective length of tapped part to Nx3).

- Please see Shaft Alteration Overview for details if provided. P.143
- When selecting multiple alteration additions, the distance between machined areas should be greater than 2mm. P.144
- Alterations may lower hardness. See P.142.

For products uncovered by the e-Catalog Standards, see P.131.

Large table with columns: Part Number, Type, D, Min. 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. Rows include SFAD, SSFAD, PSFAD, PSSFAD, RSFAD, PSFGD, PSSFGD.

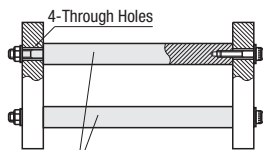
For D tolerance h5, add the relevant surcharge to the prices above.

Table with 8 columns: Part Number, Type, D, Min. 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 8 columns: Part Number, Type, D, Min. L, L101, L201, L401, L601, L801, L1001, L1201, L1401.



Example



One End Threaded, One End Tapped Shaft (SFAD)