

Hexagon Bar, Machined Flat and Forged Wrenching Flat Sizes for Fluid Fittings

1. SCOPE:

This SAE Aerospace Recommended Practice (ARP) lists wrenching surface sizes and tolerances for fluid fittings which utilize machined or unmachined hex bar dimensions and machined or forged wrenching surfaces across the center body section of shape fittings. See Table 1.

TABLE 1 - Size and Tolerance, Across Hex Flats and Center Body Section of Shapes, for Fluid Fitting Wrenching Surfaces

Nominal Width Across Hex Flats or Center Body Section of Shape Fittings	Tolerance Hex Flats, Unmachined Bar or Machined Hexes and Machined Flats of Center Body Section of Shape Fittings	Tolerance As Forged Center Body Section of Shape Fittings
.312	+.002/- .010	+.002/- .015
.375	+.002/- .010	+.002/- .015
.438	+.002/- .010	+.002/- .015
.500	+.002/- .010	+.002/- .015
.562	+.003/- .010	+.003/- .015
.625	+.003/- .010	+.003/- .015
.688	+.003/- .010	+.003/- .015
.750	+.003/- .010	+.003/- .015
.812	+.003/- .010	+.003/- .015
.875	+.003/- .010	+.003/- .015
.938	+.003/- .010	+.003/- .015
1.000	+.003/- .010	+.003/- .015
1.062	+.003/- .012	+.003/- .015
1.125	+.003/- .012	+.003/- .015
1.188	+.003/- .012	+.003/- .015
1.250	+.003/- .012	+.003/- .015
1.312	+.005/- .012	+.005/- .020
1.375	+.005/- .012	+.005/- .020
1.438	+.005/- .012	+.005/- .020

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