

TOLERANCE STICKERS

METRIC DETAIL TOLERANCES

NOTE:

UNLESS OTHERWISE SPECIFIED:

MAXIMUM ALLOWABLE ROUGHNESS OF ALL:

- 1 PLACE FINISH DIMENSIONS TO BE 6 MICRONS
- 2 PLACE FINISH DIMENSIONS TO BE 3 MICRONS
- 3 PLACE FINISH DIMENSIONS TO BE 1.6 MICRONS

EXCEPT AS NOTED TOLERANCES SHALL BE:

- 1 PLACE MACHINING ± 0.3
- 1 PLACE FABRICATION ± 1.5
- 2 PLACE ± 0.08 BETWEEN MACHINED SURFACES
- ± 0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
- ± 0.03 BETWEEN DOWELS IN THE SAME PLANE
- ± 0.10 BETWEEN DOWELS IN DIFFERENT PLANES
- ± 0.13 TO SCREW HOLES, NON ACCUMULATIVE

DOWEL HOLE TOLERANCES
FOR PRESS FIT USE H6
FOR SLIP FIT USE F7

DOWEL TOLERANCE
m6

ALL MACHINING Q SURFACES MUST BE FINISHED EXCEPT FOR COLD DRAWN OR COLD ROLLED SURFACES.

U.S. SYSTEM DETAIL TOLERANCES

NOTE:

UNLESS OTHERWISE SPECIFIED:

MAXIMUM ALLOWABLE ROUGHNESS OF ALL:

- 2 PLACE FINISH DIMENSIONS TO BE 250 MICROINCHES
- 3 PLACE FINISH DIMENSIONS TO BE 125 MICROINCHES
- 4 PLACE FINISH DIMENSIONS TO BE 63 MICROINCHES

EXCEPT AS NOTED TOLERANCES SHALL BE:

- 2 PLACE MACHINING ± 0.01
- 2 PLACE FABRICATION ± 0.06
- 3 PLACE ± 0.003 BETWEEN MACHINED SURFACES
- ± 0.001 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
- ± 0.001 BETWEEN DOWELS IN THE SAME PLANE
- ± 0.004 BETWEEN DOWELS IN DIFFERENT PLANES
- ± 0.005 TO SCREW HOLES, NON ACCUMULATIVE

DOWEL HOLE TOLERANCES
P.F. $+0.0000/-0.0005$
S.F. $+0.0010/+0.0005$

ALL MACHINING Q SURFACES MUST BE FINISHED EXCEPT FOR COLD DRAWN OR COLD ROLLED SURFACES.