

lower limits for intervals

7: P5 P4 Maj6 maj3 m7 m3

dim5 m6 maj2 maj7 m2

these are the absolute limits for these intervals, below which the human ear has trouble distinguishing the pitch.

If the texture is extremely transparent, these limits could be pushed, but in most situations in jazz with rhythm sections and the usual intonation tolerances, you would be advised to stay a maj 2nd to a maj 3rd above these limits.