Types

1) Major:
   a) Triad and extensions
   b) Triad and extensions with #4th (Lydian)
   c) Suspensions and 2’s
   d) #5th on triads and extensions

2) Minor:
   a) Triad and minor 6 family extensions
   b) Minor 7 family and extensions
   c) Half-diminished 7 and extensions
   d) Minor-major 7 and extensions
   e) Diminished triad, diminished 7 and extensions

3) Dominant 7th:
   a) Dominant 7 and extensions
   b) Suspended 7th and extensions
   c) Overtone dominants
   d) Whole-tone dominants and augmented
   e) Altered dominants and #5 majors and minor 7+
   f) Pedal dominants

4) Diminished:
   a) Triad
   b) Diminished 7th and extensions (include appoggiatura and pedal diminished types)

5) Augmented:
   a) Triad and other #5 extensions
   b) $\flat$5 extensions

Major Key

1) Major Triads: All degrees
   Major and extensions with #4 on I, $\sharp$II, (II), $\sharp$III, IV, (V), $\flat$VI, (VI), $\flat$VII
   Suspended: I, II, III, IV, V, $\flat$VI, VI, $\flat$VII, VII
   2’s on all degrees.
   Major extensions on: I, $\sharp$II, II/9, $\sharp$III, IV, V/9, $\flat$VI, VI/9, $\flat$VII

2) Minor Triads: All degrees except #iv
   Minor 6’s on i, $\flat$ii, ii, $\flat$iii, iv, v, $\flat$vi, vi
   (major 7’s, 9’s or 11’s are possible also)
   Minor 7’s and extensions on all degrees
   Minor 7$\flat$5’s and extensions on all degrees except $\flat$iii, $\flat$vi

3) Dominant 7ths on all degrees
   9th’s on all but VII
   7/6, 13th on all but III, (VI), VII
   Suspended dominant types on all degrees
   Overtone dominants on all degrees except III, VI, VII
   7$\flat$9’s on all degrees
   7#9 on all degrees except $\flat$III (unless 5th is on top), $\flat$VII, VII (to I)
7b5’s on all degrees
7+ on I, II, bIII, III, V, bVI, VI, VII
7b9+ on I, II, III, V, VI, VII
7b9b5 on I, II, III, V, VI, VII
7#9+ on I, II, III, V, (bVI), VI, VII
7#9b5 on I, bII, II, (bIII), III, IV, bV, V, (bVI), VI, (bVII), VII
9+ on I, II, (III), V, bVI, VI
13b9 (9th on top) on: I, II, (bIII), III, V, (bVI, IV, bVII), VI, VII
13#9 where lines dictate
(13th on top on): I, V
13b9b5 on I, V
11b9(+) on I, V
Major 7+, minor 7+ in place of 7+ or 7#9+
Pedal dominants on I, V

4) Diminished and diminished 7th and extensions on all degrees

5) Augmented and other #5 whole-tone dominants on I, (III, bVI), and V (bIII, VII); others with proper preparation.

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**Minor Key**

1) Minor triads on i, (bii), ii, (biii), (iii), iv, v, bvi, (vi), (bvi).
Minor 6 family (major 7’s, 9’s, and 11’s are possible also) on: i, (bii), ii, biii, (iii), iv, #iv – bvi, bvi, vi, (bvi)
Minor 7’s and extensions on all degrees
Minor 7b5’s and extensions on (i), (bii), ii, (biii), iv, (#iv – bvi), v, bvi, bvi, vii, (vii)

2) Major triads on I, bII, II, bIII, IV, (bV), V, bVI, bVII, VII
Major extensions on bIII, bIII, IV/9, bVI, bVII, VII
Major triads and extensions with #4 on I, bII, bIII, (IV), (bV), (V), bVI, (bVII), VII
Suspended on I, (bII), II, bIII, IV, V, (bVI), bVII, (VII)

3) Dominant 7th’s on all degrees except bvi
9ths on bII, bIII, IV, #IV, V, bVI, bVII,
7/6th, 13th on bII, (II), bIII, III (bII of bIII), IV, #IV, bVI, bVI (bII of bVI), bVII, VII
Suspended dominants on all but vi
Overtone dominants on bII, (II), III (bII of bIII), IV, #IV, (V), bVI, VI (bII of bVI), (bVII), VII
79’s on all degrees
7#9 on I, II, III (III is VI of III), IV, V, (VI, VI), bVII
7b5 on all degrees
7+ on I, II, III, (III), (#IV), V, (VI), bVII, VII
7b9+ on I, II, (III), IV, (#IV), V, bVII
7b9b5 on I, II, III, IV, V, (VI, III), bVII
7#9+ on I, II, (III), IV, V, bVII, bvi, VII
7#9b5 on I, II, III, (IV), #IV, V, bVI, bvi, bVII, VII
9+ on I, III, (III), IV, V, bVII, (VII)
13b9 on I (b9 on top), II, III, IV, (IV), V, bVI, bVII, (VII)
13th on top: III, IV, bVII, (VII)
13#9 where lines dictate.
11b9(+) on I, II, V, bVII
[major?] 7+ and m7+ in place of 7+ or 7#9+
Pedal tones on I, III, IV, V (bVI), bVII, (VII)
13b9b5 – see 7#9

4) Diminished, diminished 7, and extensions on all degrees.

5) Augmented and other #5 whole-tone chords on V (III, VII) – others with preparation
II (bVII, #IV)
**MAJOR KEY**

- **MAJOR TRADITIONS:** All degrees
- **MAJOR EXTENSION:** I, III, IV, V, VI, VII
- **MAJOR DIMENSION:** T, M, T, M, T, M, T

**MINOR KEY**

- **MINOR TRADITIONS:** All degrees
- **MINOR EXTENSION:** i, ii, iii, iv, v, vi, vii
- **MINOR DIMENSION:** t, m, t, m, t, m, t

**DIMINISHED AND DIM. HALF EXT. ON ALL DEGREES**

- +6, +5, whole tone chords on I, III, VI

**MAJOR EXTENSION:** II, IV, VII, V, VI, I

**DIM. MAJOR EXT. ON ALL DEGREES**

- +6, +5, whole tone chords on I, III, VI

**DIM. MINOR EXT. ON ALL DEGREES**

- +6, +5, whole tone chords on I, II, VI

**DOM. TH. ON ALL DEGREES**

- +6, +5, whole tone chords on I, II, VI

**OVERTONE DOM.**

- +6, +5, whole tone chords on I, II, VI

**THIRD OCTAVE EXT.**

- +6, +5, whole tone chords on I, II, VI

**PEDAL DURATION**

- +6, +5, whole tone chords on I, II, VI

**COMPLETE NORMAL VOCABULARY FOR 20TH CENTURY (MAKERSTEINER) SOUNDS**

**SUPPLEMENTARY EXPLANATIONS:**

- **MAJOR TRADITIONS:** All degrees
- **MAJOR EXTENSION:** I, III, IV, V, VI, VII
- **MAJOR DIMENSION:** T, M, T, M, T, M, T
- **DOM. TH. ON ALL DEGREES:** +6, +5, whole tone chords on I, II, VI
- **OVERTONE DOM.**
- **THIRD OCTAVE EXT.**
- **PEDAL DURATION**

**DIM. MAJOR EXT. ON ALL DEGREES**

- +6, +5, whole tone chords on I, III, VI

**DIM. MINOR EXT. ON ALL DEGREES**

- +6, +5, whole tone chords on I, II, VI

**DOM. TH. ON ALL DEGREES**

- +6, +5, whole tone chords on I, II, VI

**OVERTONE DOM.**

- +6, +5, whole tone chords on I, II, VI

**THIRD OCTAVE EXT.**

- +6, +5, whole tone chords on I, II, VI

**PEDAL DURATION**

- +6, +5, whole tone chords on I, II, VI