

# Half Diminished ( $\flat 7$ )

**VII** in major, **II** in minor: half diminished

$B\flat 7$   $B-7(b5)$  (Fifth is lowered)

# Diminished ( $\flat 7$ )

**VII** in minor: diminished (three minor thirds)

$G\flat 7$  (Fifth is lowered, seventh is diminished)

$G\sharp 0 = B 0 = D 0 = F 0$  Octotonic: V:  $E 7 = G 7 = B 7 = D 7$

Whole/Half

Half/Whole

Modulation chord

$A 0$

$A 0 = C 0 = E\flat 0 = F\sharp 0$  Octotonic: V:  $F 7 = A\flat 7 = B 7 = D 7$

Whole/Half

Half/Whole

$A\sharp 0$

$A\sharp 0 = C\sharp 0 = E 0 = G 0$  Octotonic: V:  $F\sharp 7 = A 7 = C 7 = E 7$

Whole/Half

Half/Whole