

Gap Scans for TC2000 and TOS

Note: For purposes of this document I have arbitrarily chosen to use a 1% Gap Up/Down in these scans. It would be very easy for you to modify all these scans to some other percentage of gap simply by changing the 0.99 or 1.01 to some other number (i.e. $0.98 / 1.02 = 2\%$, $0.97 / 1.03 = 3\%$, etc.) To help, I have made those numbers **red** in the code below...so you know exactly what number to change.

I would suggest that you add your own liquidity filter. If that is beyond your capability, let me know and I can post detailed instructions.

Good luck and enjoy!

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1% Gaps Against Trend

These scans are intended to identify stocks that may be reversing. They have gapped **Against** their short-term trend.

1% Gap Down Against an UpTrend

TC2000

```
MAXC5.2 < C1 AND  
MAXO5.2 < C1 AND  
C4 < C1 AND  
O4 < C1 AND  
O <= C1 * 0.99 AND  
C <= O
```

TOS

```
# Begin Scan  
# 1% Gap Down Against UpTrend  
# Created by: Ed C;  
def O = open; def C = close;  
def MAXC5 = Highest(close, 5);  
def MAXO5 = Highest(open, 5);  
#  
plot GapDnAgainst = (  
MAXC5[2] < C[1] and  
MAXO5[2] < C[1] and  
C[4] < C[1] and  
O[4] < C[1] and  
O <= (C[1] * 0.99) and  
C <= O  
);  
# End Scan
```

1% Gap Up Against an Down Trend

TC2000

```
MINC5.2 > C1 AND  
MINO5.2 > C1 AND  
C4 > C1 AND  
O4 > C1 AND  
O >= C1 * 1.01 AND  
C >= O
```

TOS

```
# Begin Scan  
# 1% Gap Up Against Down Trend  
# Created by: Ed C;  
def O = open; def C = close;  
def MINC5 = Lowest(close, 5);  
def MINO5 = Lowest(open, 5);  
#  
plot GapUpAgainst = (  
MINC5[2] > C[1] and  
MINO5[2] > C[1] and  
C[4] > C[1] and  
O[4] > C[1] and  
O >= (C[1] * 1.01) and  
C >= O  
);  
# End Scan
```

1% Gaps With Trend

These scans are intended to identify stocks that may be reversing soon. They are still moving with their trend, but are gapping **With the Trend direction**, which may indicate over-exuberance.

1% Gap Down With a Down Trend

TC2000

```
MINC5.2 > C1 AND  
MINO5.2 > C1 AND  
C4 > C1 AND  
O4 > C1 AND  
O <= C1 * 0.99 AND  
C <= O
```

TOS

```
# Begin Scan
# 1% Gap Down With Down Trend
# Created by: Ed C;
def O = open; def C = close;
def MINC5 = Lowest(close, 5);
def MINO5 = Lowest(open, 5);
#
plot GapDnWith = (
MINC5[2] > C[1] and
MINO5[2] > C[1] and
C[4] > C[1] and
O[4] > C[1] and
O <= (C[1] * 0.99) and
C <= O
);
# End Scan
```

1% Gap **Up With an UpTrend**

TC2000

```
MAXC5.2 < C1 AND
MAXO5.2 < C1 AND
C4 < C1 AND
O4 < C1 AND
O >= C1 * 1.01 AND
C >= O
```

TOS

```
# Begin Scan
# 1% Gap Up With UpTrend
# Created by: Ed C;
def O = open; def C = close;
def MAXC5 = Highest(close, 5);
def MAXO5 = Highest(open, 5);
#
plot GapUpWith = (
MAXC5[2] < C[1] and
MAXO5[2] < C[1] and
C[4] < C[1] and
O[4] < C[1] and
O >= (C[1] * 1.01) and
C >= O
);
# End Scan
```

1% Gaps From a Doji

These scans are intended to identify stocks where the market has made a strong decision after having shown indecision or pause the prior period (as indicated by a Doji). Note that for purposes of these scans I have defined a Doji liberally to be a candle with a body $\leq 25\%$ of the day's trading range. You can adjust that Doji definition by changing the number in **blue** (i.e. 0.15 = 15% of day's range, 0.35 = 35% of day's range).

1% Gap Up From a Doji

TC2000

```
ABS(O1 - C1) <= (H1 - L1) * 0.25 AND  
O >= C1 * 1.01 AND  
C >= O
```

TOS

```
# Begin Scan  
# 1% Gap Up From Doji  
# Created by: Ed C;  
def O = open; def C = close; def H = high; def L = low;  
#  
plot DojiGapUp = (  
  ((AbsValue(O - C)) <= ((H - L) * 0.25)) AND  
  O >= (C[1] * 1.01) and  
  C >= O  
);  
# End Scan
```

1% Gap Down From a Doji

TC2000

```
ABS(O1 - C1) <= (H1 - L1) * 0.25 AND  
O <= C1 * 0.99 AND  
C <= O
```

TOS

```
# Begin Scan  
# 1% Gap Down From Doji  
# Created by: Ed C;  
def O = open; def C = close; def H = high; def L = low;  
#  
plot DojiGapDn = (  
  ((AbsValue(O - C)) <= ((H - L) * 0.25)) AND  
  O <= (C[1] * 0.99) and  
  C <= O  
);  
# End Scan
```