



## Dynamic Momentum Index (DMI)

HPotter 4 years His 25, 2014



dynamic Momentum Indicator (MOM) index DMI Momentum Oscillators

7 986

This indicator plots Dynamic Momentum Index indicator. The Dynamic Momentum Index (DMI) was developed by Tushar Chande and Stanley Kroll. The indicator is covered in detail in their book *The New Technical Trader*. The DMI is identical to Welles Wilder's Relative Strength Index except the number of periods is variable rather than fixed. The variability of the time periods used in the DMI is controlled by the recent volatility of prices. The more volatile the prices, the more sensitive the DMI is to price changes. In other words, the DMI will use more time periods during quiet markets, and less during active markets. The maximum time periods the DMI can reach is 30 and the minimum is 3. This calculation method is similar to the Variable Moving Average, also developed by Tushar Chande. The advantage of using a variable length time period when calculating the RSI is that it overcomes the negative effects of smoothing, which often obscure short-term moves. The volatility index used in controlling the time periods in the DMI is based on a calculation using a five period standard deviation and a ten period average of the standard deviation.

Donate BTC: 13fXJhYMuGAXRmcvWkG2gaWfCnsiD88bwE  
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Website

### Açık kaynak kodlu komut dosyası

Gerçek TradingView ruhuyla, bu betiğin yazarı, yatırımcının anlayabilmesi ve doğrulayabilmesi için onu açık kaynak olarak yayınladı. Yazarın eline sağlık! Bunu ücretsiz olarak kullanabilirsiniz, ancak bu kodun bir yayında yeniden kullanımı *Kullanım Koşulları* ile yönetilir. Bir grafikte kullanmak için favorilere ekleyebilirsiniz.

### Feragatname

Bilgi ve yayımlar, TradingView tarafından sağlanan veya onaylanan finansal, yatırım, işlem veya diğer türden tavsiye veya tavsiyeler anlamına gelmez ve teşkil etmez. *Kullanım Şartları*nda daha fazlasını okuyun.

Bu komut dosyasını bir grafikte kullanmak ister misiniz?

★ Favori göstergelere ekle

```
1 ///////////////////////////////////////////////////////////////////
2 // Copyright by HPotter v1.0 24/04/2014
3 // This indicator plots Dynamic Momentum Index indicator. The Dynamic Momentum
4 // Index (DMI) was developed by Tushar Chande and Stanley Kroll. The indicator
5 // is covered in detail in their book The New Technical Trader.
6 // The DMI is identical to Welles Wilder's Relative Strength Index except the
7 // number of periods is variable rather than fixed. The variability of the time
8 // periods used in the DMI is controlled by the recent volatility of prices.
9 // The more volatile the prices, the more sensitive the DMI is to price changes.
10 // In other words, the DMI will use more time periods during quiet markets, and
11 // less during active markets. The maximum time periods the DMI can reach is 30
12 // and the minimum is 3. This calculation method is similar to the Variable
13 // Moving Average, also developed by Tushar Chande.
14 // The advantage of using a variable length time period when calculating the RSI
15 // is that it overcomes the negative effects of smoothing, which often obscure short-term moves.
16 // The volatility index used in controlling the time periods in the DMI is based
17 // on a calculation using a five period standard deviation and a ten period average
18 // of the standard deviation.
19 ///////////////////////////////////////////////////////////////////
20 study(title = "Dynamic Momentum Index (DMI) ")
21 RSIlen = input(14, minval=1)
22 BuyZone = input(30, minval=1)
23 SellZone = input(70, minval=1)
24 UpLimit = input(30, minval=1)
25 LoLimit = input(8, minval=1)
26 btr = hline(9, color=gray, linestyle=dashed)
27 bz = hline(BuyZone, color=green, linestyle=line)
28 sz = hline(SellZone, color=red, linestyle=line)
29 ssz = hline(100, color=gray, linestyle=line)
30 xStdDev = stdev(close, 5)
31 xSMASdDev = sma(xStdDev, 10)
32 DTime = round(14 / xSMASdDev - 0.5)
33 xDMI = iff(DTime > UpLimit, UpLimit,
34           iff(DTime < LoLimit, LoLimit, DTime))
35 xRSI = rsi(xDMI, RSIlen)
36 pl = plot(xRSI, style=line, linewidth=1, color=blue)
37 fill(bz, btr, color=green)
38 fill(sz, ssz, color=red)
```

## Yorumlar



Yararlı veya tepvik edici bir yorum bırakın. Piyasalara birlikte hakim olalım

[Alışlarla yorum](#)[Yorum Paylaş](#)**QuantitativeExhaustion** · Nis 25, 2014 

Looks Good!

[+2 ▲ Cevap Gönder](#)**HPotter** **WIZARD** · Nis 25, 2014 

Thank you

[▲ Cevap Gönder](#)**Shuuro** · Tem 22, 2015 

Just tried this DMI on EURUSD (different time frames). Appears to have stopped calculating and displaying the DMI data. I note the last comment on this topic was 15 mths ago. So has DMI been removed?

[▲ Cevap Gönder](#)**HPotter** **WIZARD** · Tem 23, 2015 

What do you mean? Please give more details.

[▲ Cevap Gönder](#)**Shuuro** · Tem 23, 2015 

For example, see attached. MACD and CCI working fine, but not DMI.

[▲ Cevap Gönder](#)**Shuuro** · Tem 23, 2015 

Adding chart....not done this before so hope this works

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see if this works

Shuuro published on TradingView.com, July 23, 2015

FX:EURAUD 1.48369 ▲ +0.00310 (+0.21%) O:1.44450 H:1.50698 L:1.43866 C:1.48369

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