



Tb3TFStochastics

Multi-Timeframe Stochastics Indicator for NinjaTrader 8*

Version 1.0.0.0 | Tradebrary



Overview

The **Tb3TFStochastics** indicator displays Stochastics from three different timeframes simultaneously on a single panel. This allows traders to quickly assess market conditions across multiple timeframes and identify high-probability setups when all timeframes align.

Key features include:

- Three Stochastics plots from different timeframes
- Colored regions between indicator lines and OB/OS levels when in extreme zones
- Six customizable colors (OB and OS for each timeframe)
- Text markers when any timeframe crosses OB/OS levels
- Fully customizable timeframes and Stochastics parameters
- Adjustable background opacity for region visibility

Installation

1. Open NinjaTrader 8
2. Go to **Tools** → **Import** → **NinjaScript Add-On...**
3. Browse to and select the `Tb3TFStochastics.zip` file
4. Click **OK** to import
5. The indicator will compile automatically
6. Add to chart: Right-click chart → Indicators → Tradebrary → Tb3TFStochastics

Timeframe Configuration

The indicator displays three Stochastics lines:

Timeframe	Default Color	Source
TF1	DodgerBlue	Current chart timeframe (automatic)
TF2	Orange	User-defined (default: 5 Minute)
TF3	Magenta	User-defined (default: 15 Minute)

Tip: For best results, configure TF2 and TF3 to be higher timeframes than your chart. For example, if you're on a 1-minute chart, set TF2 to 5 minutes and TF3 to 15 minutes.

Visual Display - Colored Regions

When any Stochastics line enters the overbought or oversold zone, a colored region is drawn between the indicator line and the OB/OS level. This creates a visual highlight showing which timeframes are at extremes.

Overbought Zone Colors (above OB level)

Timeframe	Default Color	Description
<div>TF1</div> Overbought	<div></div> Yellow	Chart timeframe in overbought zone
<div>TF2</div> Overbought	<div></div> Orange	TF2 in overbought zone
<div>TF3</div> Overbought	<div></div> Red	TF3 in overbought zone

Oversold Zone Colors (below OS level)

Timeframe	Default Color	Description
<div>TF1</div> Oversold	<div></div> Cyan	Chart timeframe in oversold zone
<div>TF2</div> Oversold	<div></div> DarkGreen	TF2 in oversold zone
<div>TF3</div> Oversold	<div></div> Lime	TF3 in oversold zone

Trading Insight: When multiple timeframes show overlapping colored regions at the same extreme, it indicates strong confluence. This often precedes reversals, especially when combined with price action confirmation.

Text Markers

When any Stochastics line crosses through the overbought or oversold level, a number appears on the chart:

- **1** = TF1 (chart timeframe) crossed the level
- **2** = TF2 crossed the level
- **3** = TF3 crossed the level

The number appears in the color of that timeframe's plot, making it easy to identify which timeframe triggered the signal.

Tip: Watch for numbers appearing in sequence (e.g., 1, then 2, then 3) as this shows multiple timeframes confirming the same direction.

Parameters

Timeframe 2 Settings

Parameter	Default	Description
TF2 Type	Minute	Bar period type (Minute, Tick, Range, etc.)
TF2 Value	5	Bar period value (e.g., 5 for 5-minute bars)
Period K	14	Stochastics %K period for TF2
Period D	3	Stochastics %D period for TF2
Smooth	3	Smoothing period for TF2

Timeframe 3 Settings

Parameter	Default	Description
TF3 Type	Minute	Bar period type (Minute, Tick, Range, etc.)
TF3 Value	15	Bar period value (e.g., 15 for 15-minute bars)
Period K	14	Stochastics %K period for TF3
Period D	3	Stochastics %D period for TF3
Smooth	3	Smoothing period for TF3

Stochastics TF1 (Chart) Settings

Parameter	Default	Description
Period K	14	Stochastics %K period for chart timeframe
Period D	3	Stochastics %D period for chart timeframe
Smooth	3	Smoothing period for chart timeframe

Levels

Parameter	Default	Description
Overbought Level	80	Level above which Stochastics is considered overbought
Oversold Level	20	Level below which Stochastics is considered oversold

Colors

Parameter	Default	Description
OB1 Color	Yellow	TF1 overbought region color
OB2 Color	Orange	TF2 overbought region color
OB3 Color	Red	TF3 overbought region color
OS1 Color	Cyan	TF1 oversold region color
OS2 Color	DarkGreen	TF2 oversold region color

OS3 Color	Lime	TF3 oversold region color
Background Opacity	50	Transparency of colored regions (0-100%)

Trading Tips

Tip 1: Wait for Confluence

The strongest signals occur when multiple timeframes show overlapping colored regions. When you see all three timeframes in overbought (warm colors) or oversold (cool colors) zones simultaneously, it often precedes reversals.

Tip 2: Use as a Filter

Even if you don't trade the Stochastics signals directly, use this indicator to filter your other setups. Avoid taking long trades when multiple regions show overbought, and avoid shorts when multiple regions show oversold.

Tip 3: Watch for Divergence

When one timeframe starts turning while others remain at extremes, it can signal the beginning of a reversal. Pay attention to which timeframe turns first.

Tip 4: Customize for Your Style

- **Scalpers:** Use lower timeframes (1m, 3m, 5m)
- **Day Traders:** Use medium timeframes (5m, 15m, 60m)
- **Swing Traders:** Use higher timeframes (60m, 240m, Daily)

Troubleshooting

Issue	Solution
No lines appearing	Ensure you have enough historical data loaded for all timeframes. The indicator needs at least PeriodK + Smooth bars on each timeframe.
TF2 or TF3 not updating	Check that the timeframe values are valid. The secondary timeframes should typically be higher than your chart timeframe.
Regions too transparent	Increase the Background Opacity setting (0-100%). Higher values make regions more visible.
Lines appear jumpy or erratic	This can happen with very low Period K values. Try increasing the Period K or Smooth values.

Support

For technical support, license inquiries, or feature requests:

Email: support@tradebrary.com

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5. In the indicator settings, paste it into the **LicenseKey** field and click **OK**. The indicator now functions normally.

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