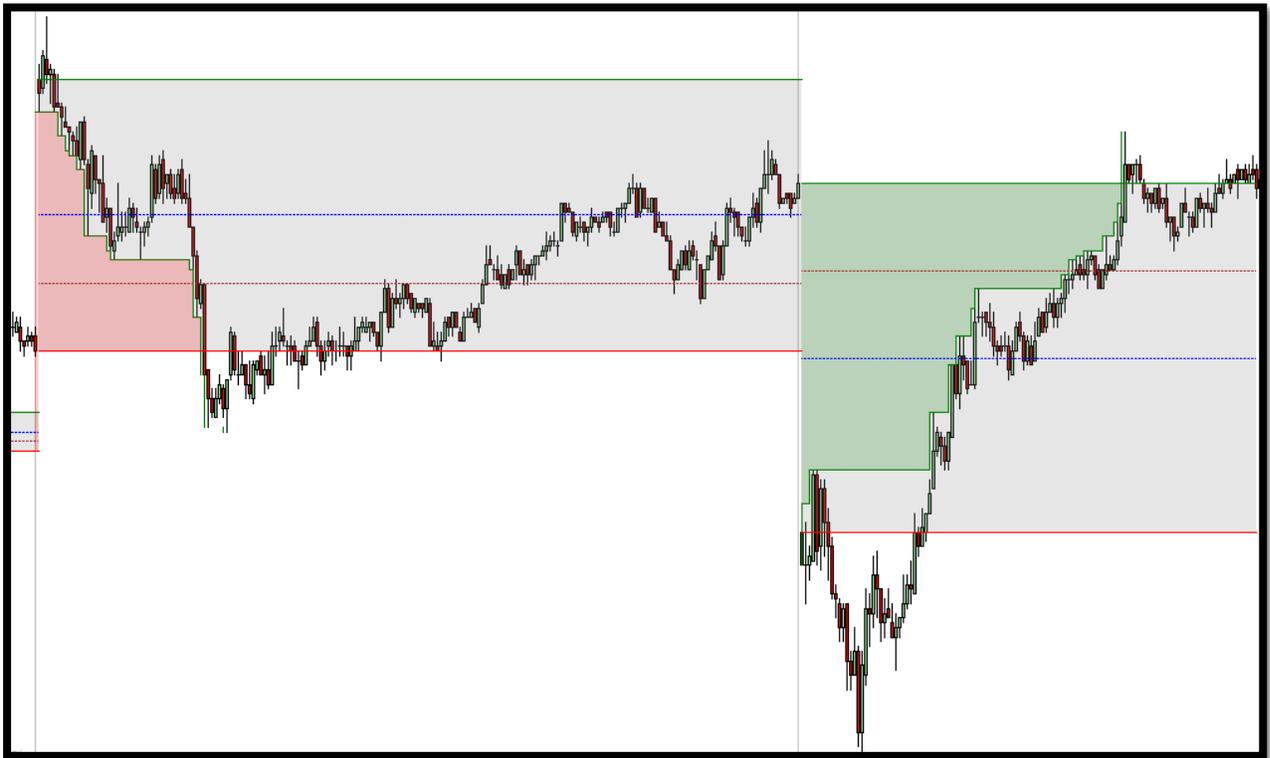




INDICATOR MANUAL

OPENING GAPS INDICATOR



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1. Ninja Trader Machine ID

We'd like to thank you for purchasing one of our indicators. We really appreciate your vote of confidence in our business and look forward to serving you as one of our valued customers.

If you've already downloaded, installed, and begun working with your indicator that's great. If not, before you begin, we need to let you know that all indicators need to be properly licensed to your NinjaTrader platform before the initial use.

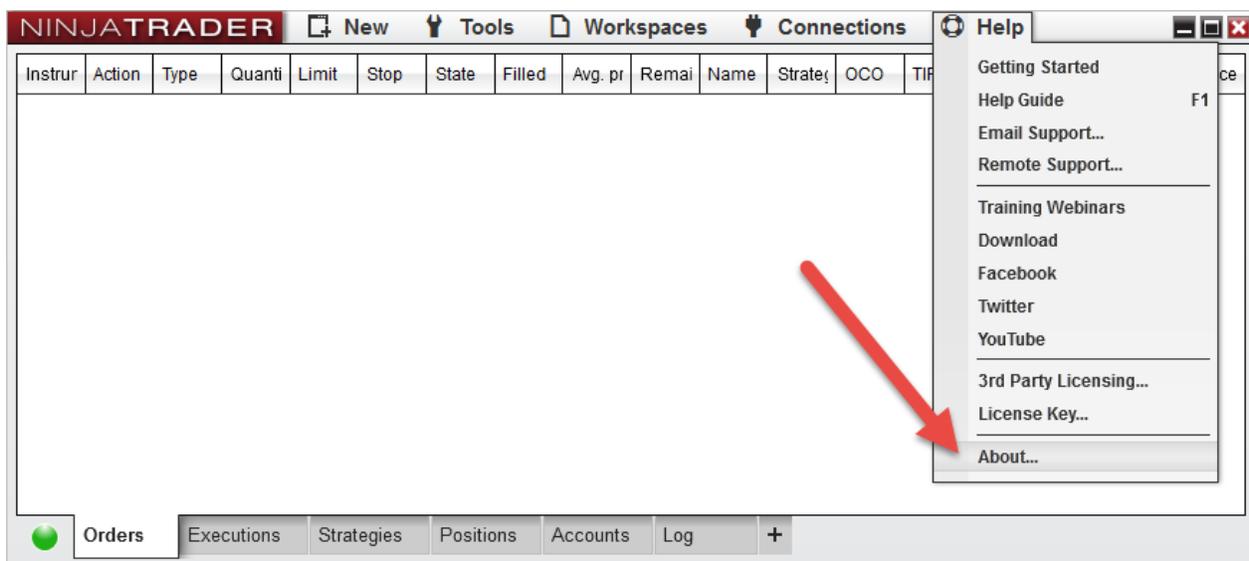
If you provided us with a copy of your NinjaTrader Machine ID at the time of your purchase, then no further action is required. However, if you did not provide your NinjaTrader Machine ID at the time of your purchase, please send us an email to customerservice@ninjacators.com and provide us with your NinjaTrader Machine ID to avoid any interruption in the service.

Here are some instructions on how to find your NinjaTrader Machine ID.

Your NinjaTrader Machine ID is located within your NinjaTrader.

1. Open your NinjaTrader
2. Go to the NinjaTrader Control Center
3. Click on the 'Help' Section in the upper menu
4. Click on 'About' (see Picture Number 1)
5. After you click the 'About' button another window will pop up on your screen. This is where you will find your NinjaTrader Machine ID (see Picture 2)

Picture 1:



Picture 2:



[Watch a quick Video on how to find your NinjaTrader Machine ID](#)

Once you have this information, please send us an email to customerservice@ninjacators.com, copy and paste your NinjaTrader Machine ID into the email, and send the email.

PLEASE NOTE: *If your NinjaTrader Machine ID changes, please provide us with your new NinjaTrader Machine ID and we will change the ID in our system without any cost to you.*

2. Indicator Installation

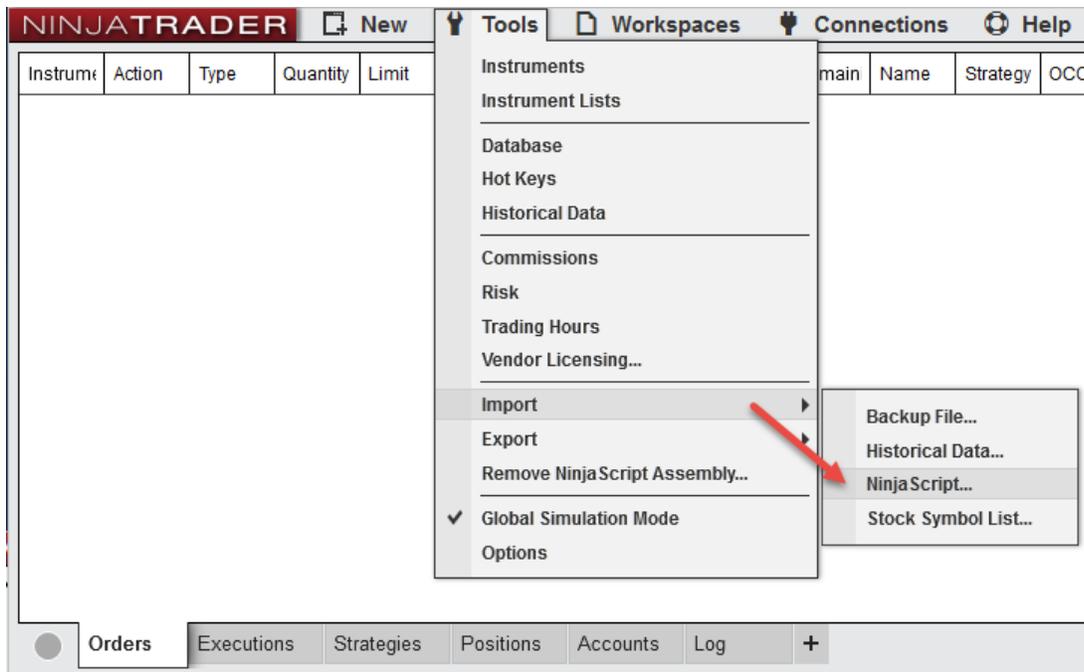
To import an indicator to your NinjaTrader, please be sure that you are saving the provided .zip indicator file to your PC. **Do NOT open or unzip the file!**

You simply want to save the file in the same format as you download it, so that it stays zipped. NinjaTrader will do the hard part for us.

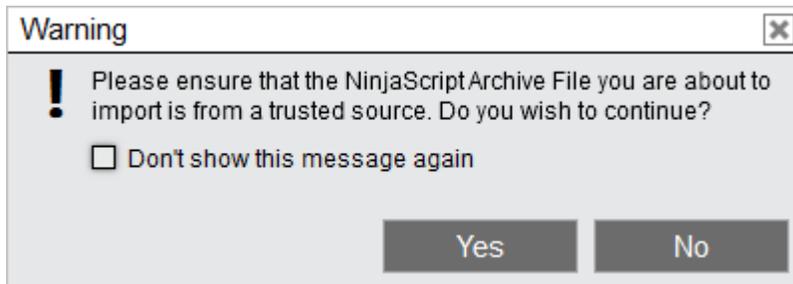
Please use the following steps to install the indicator:

- Open NinjaTrader
- The Control Center will be the first window that is displayed when opening NinjaTrader
- In the Control Center go to >Tools>Import>NinjaScript... (Picture 1)
- Navigate to and choose the indicator file (starts with 'ncat')
- In case a Warning messages appears like seen in Picture 2– Click 'Yes'
Also, if you would not like the message to appear every time you install an indicator, just check the 'Don't show this message again' box.
- After the successful import of the indicator you will receive a notification shown in Picture 3 below. Just click 'OK' and the process is finalized
- **IMPORTANT: Restart your NinjaTrader after the initial indicator import!**

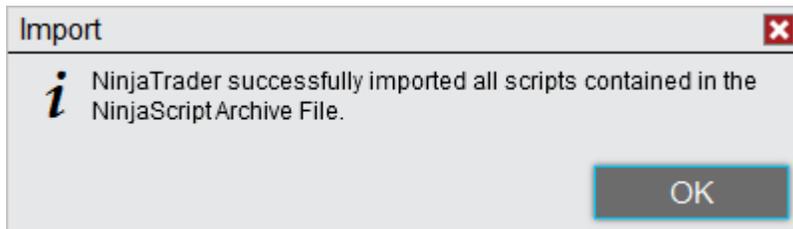
Picture 1:



Picture 2:



Picture 3:



[Watch a quick video on how to install an indicator](#)

3. How to add an indicator to your Chart

Here is how you add an indicator to your Chart:

1. Open a new 'clean' chart. For the first installation and activation of an indicator please use a 'clean' chart without anything on it. No other indicators or templates, just use the default NinjaTrader Chart template.
2. There are 3 different ways to add an indicator to a chart
 - a) Right Mouse Click on the chart – Click on 'Indicators' in window
 - b) Push Ctrl + I on your Keyboard at the same time
 - c) Click on the 'Indicators' Icon in the Chart main navigation
3. New Window 'Indicators' shows up with all available Indicators listed. Highlight the indicator you would like to add to the chart (Remember that Ninjacators Indicators all start with 'ncat') Under 'Configured' – click on 'add' to add the indicator
4. Highlight the indicator and you can start changing the Indicator Properties. Please take a look at the next Step 4 on how to place your Order ID for instructions on the indicator activation.

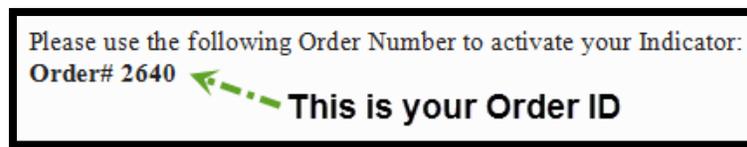
4. How to place your Order ID

You may have already placed your Order ID in your indicator to authorize it, and if you did, no further action is required. **However, if you have not, please follow the additional instructions below to avoid any interruption in your service.**

Each indicator you purchase from Ninjacators will only start working if you provide us with your NinjaTrader Machine ID (point #1 in this manual) and when you use your unique Order ID.

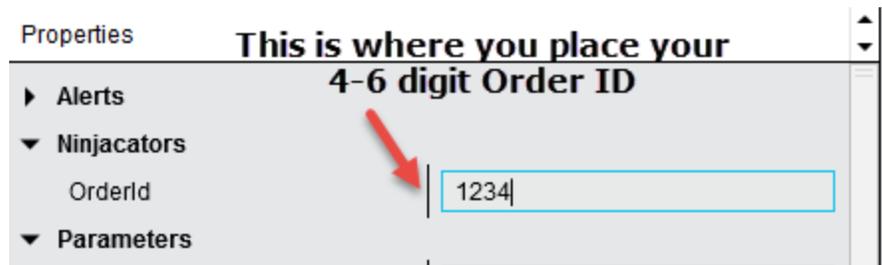
Your unique Order ID can be found inside your email with the Subject Line: IMPORTANT: Your Personal Order ID for Indicator Verification. See example on the picture below (Picture 3):

Picture 3:



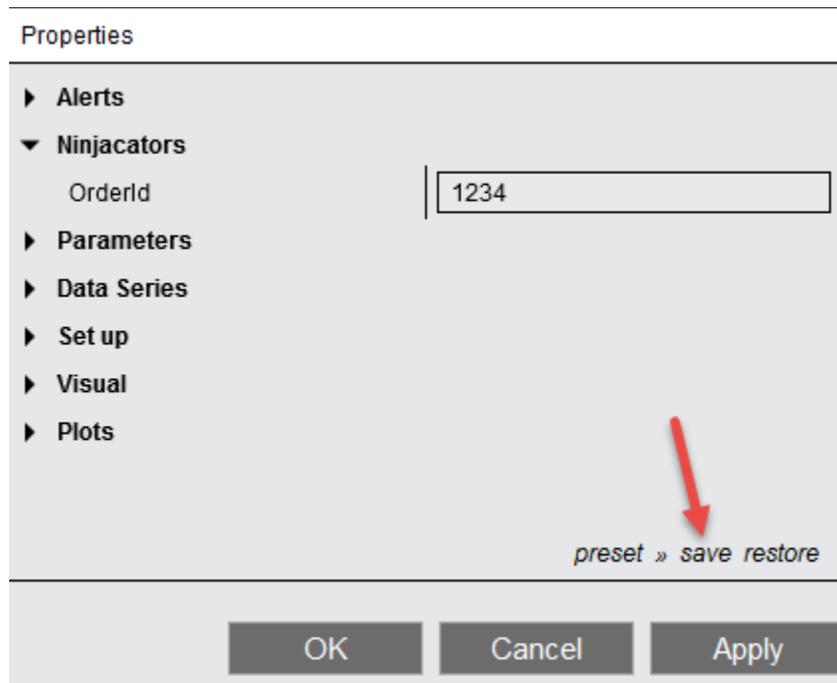
Please take only the 4-6-digit Order ID, only the number (NOT the text or anything else) and place it in the Ninjacators Order ID field inside the indicator settings menu. See example of an indicator window in the picture below (Picture 4):

Picture 4:



Once you've placed the correct Order ID in the Order ID field, please click on 'preset' at the bottom of the indicator settings menu and click on 'save' to make sure that the Order ID is saved as the default for this indicator. After the number is saved you will not need to add the number again, unless you delete the templates and/or reinstall the indicator. It's important to complete this step now, so that you do NOT have to repeat this process again in the future. (See Picture 5)

Picture 5:



Once you have completed these steps, and provided us with your correct NinjaTrader Machine ID, your indicator will be fully functional.

In case you applied the indicator to the chart without adding the Order ID to it first, the indicator might not start working after you added the Order ID. In this case, please save the Order ID and then restart your NinjaTrader. After the restart the verification should be successful and you can start using your Ninjacators indicator.

As always, if you have any technical issues, please call or email us so we can serve you better.

5. Indicator Description

The Gap Indicator can be used as a reference point for the current price action in relation previous prices to get a sense and feel of the market sentiment, as an integrated trading setup or as a standalone strategy.

In all markets the open and the close are significant events closely viewed by any market professional for a variety of reasons. Without going into any details the bottom line is that the open and the close create trading opportunities which we try to take advantage off.

No matter if the trading angle is a “gap close” strategy by betting on the close of the opening gap in full or to a certain degree or a measurement of strength/weakness for a trend continuation, the Ninjacators Gap indicator will help you with the visualization of the gap.

Settings for Market Open and Market Close Times (EST) to determine the Gap:

Please use these settings for the cash market open and close times in the indicator. Due to the way NinjaTrader calculates bars the open time is always 1 min off. When you are setting up the indicator on market times which are not shown here please add 1 min to the actual cash market open time. For the closing time just use the right time.

All times are cash market times in EST – Please convert to your time! The indicator also can be used on any other market not listed below as well as with any other custom time setting, this here is only a recommendation!

E-Mini Equity Index Futures (ES, NQ, YM, TF)

Market Open: 931

Market Close: 1615

E-Mini FX Futures (6E, 6J, 6A, 6M, 6N)

Market Open: 821

Market Close: 1500

Interest Rate Futures (ZN, ZF, ZB, UB)

Market Open: 821

Market Close: 1500

Energy Futures (CL, NG, RB, HO)

Market Open: 901

Market Close: 1430

Metal Futures (GC, HG, SI, PL, PA)

Market Open: 821

Market Close: 1330

Agriculture Futures (ZC, ZS, ZL, ZM)

Market Open: 931

Market Close: 1415

EUREX Equity Index Futures (FDAX, FESX, FSMI) – Important: Daylight savings are different as in the US – Please account when setting up the times in the move over period.

Market Open: 301

Market Close: 1100

EUREX Interest Rate Futures (FGBL, FGBM, FGBS) – Important: Daylight savings are different as in the US – Please account when setting up the times in the move over period.

Market Open: 301

Market Close: 1100

TIP: Depending on the strategy you use to trade the gap it could be a good idea to use an earlier calculation time of the open to position yourself a few minutes before the open. Example: Instead of calculation the gap on the actual open like 930 or 931 look at a 925 or 929 calculation. As more often than not the last minute or two makes not a big difference in the price but could potentially deliver a advantage for your trade entry.

6. Indicator Values

The indicator values are not exposed.

7. Indicator Settings

Properties

- ▼ Alerts
 - Alert 100% Disabled ▼
 - Alert 50% Disabled ▼
 - Alert 75% Disabled ▼
- ▼ Parameters
 - FontSize 10
 - GapDownBrush Green ▼
 - GapShadow Gray ▼
 - GapUpBrush Red ▼
 - LimitVisibleSignals 0
 - SessionEnd 1600
 - SessionStart 925
 - ShowGap50
 - ShowGap75
 - ShowGapShadow
 - ShowPlots
 - ShowStatistics
 - ZoneOpacity 40
- ▼ Data Series
 - Input series ES 06-19 (1 Minute)
- ▼ Set up
 - Calculate On bar close ▼
 - Label ncatOpeningGaps
 - Maximum bars look back Infinite ▼
- ▼ Visual
 - Auto scale
 - Displacement 0
 - Display in Data Box
 - Panel Same as input series ▼
 - Price marker(s)
 - Scale justification Right ▼
 - Visible
- ▼ Plots
 - ▶ HiLine Dot, Solid, 1px
 - ▶ LoLine Dot, Solid, 1px
 - ▶ 50%Line Dot, Solid, 1px
 - ▶ 75%Line Dot, Solid, 1px

template

NUMBER 1	Order ID: Please see the 'How to place your Order ID' section of this manual False: This will display the short Ninjacators logo True: This will display the long Ninjacators logo
NUMBER 2	Alert 100%: Sound alert when the Gap is filled complete – Price is at the level from yesterdays close. Alert 75%: Sound alert when the Gap is filled 75% Alert 50%: Sound alert when the Gap is filled 50% - Most conservative Gap fill strategy target and a good place to scale out of your position and take some profits or move you stop.
NUMBER 3	Parameters: GapUpColor: Choose any color you like for the up gap color GapDownColor: Choose any color you like for the down gap color Gap Shadow: Choose any color you like for the shadow color Session End: This is the ending time for the Gap Indicator to end calculation and the basis for the calculation of the gap on the next day's open – Use the Market Close time of the cash session Session Start: This is the starting time for the Gap Indicator to begin – Market Open time of the cash session. Show Gap 50: True = Show 50% line, False = No plot Show Gap 75: True = Show 75% line, False = No plot Show Gap Shadow: True = Gap Shadow on, False = Gap Shadow off Zone Opacity: You can change the opacity of the Zone. High number = high opacity; low number = low opacity
NUMBER 4	Calculate on bar close: True will update this indicator with every bar close. False will update this indicator with every incoming tick. We recommend you choose 'True' for this indicator. In case you like to apply the indicator on higher timeframe charts such as 15 or 30 minutes you should use false, otherwise the plot will be delayed a long time until the bar closes. Input series: Instrument on which the indicator is calculated on. This default should Not be changed Maximum bars look back: Infinite: Do Not Change
NUMBER 5	Auto scale: True Displacement: 0 Display in Data Box: True Label: This will display the indicator name Panel: This will be the panel in which the indicator is displayed within Price Marker(s): True Scale justification: Right
NUMBER 6	Choose color, dash style, plot style and width of the lines

8. Disclaimer

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