



Unlocking your Options Trading Potential with Thinkorswim (ToS)

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Purpose

Showcase the available user interfaces for Option Traders in the Thinkorswim Platform

Explain useful techniques and applications of Options Data for different styles of trading

Highlight important layouts and tools that can be applied by new and experienced traders for better market analysis

Outline

Trade Tab

- The Option Chain
- Today's Options Statistics
- Time and Sales
- Product Depth

Single and Spread Orders

Risk Profile

Active Trader

- Basics
- Use with Flexible Grid

thinkBack

Questions

Trade Tab: Overview

Main Tab for Creating Orders for Stocks and Options

Defaults to **All Products** Sub Tab – Main Focus

Includes Dropdown Sections for **Option Chain, Options Statistics, Product Depth, etc.**

← Tabs

← Sub Tabs

Underlying	Last X	Net Chng	Bid X	Ask X	Size	Volume	Open	High	Low	Beta
	451.19 P	+0.84	450.85 P	450.99 P	5 x 5	58,944,098	453.17	453.67	449.68	1
	Last Size	Yield	PE	Div	Div.Freq	Ex Div.Date	52High	52Low	Shares	
	0	1.45%	82.94	1.638	Q	6/16/23	459.44	348.11	856,432,000	

Dropdown Sections

- Option Chain
- Today's Options Statistics
- Options Time & Sales
- Product Depth

Trade Tab: Option Chain

Listing of all Option Contracts for the selected Underlying Security

Shows all Option Series and Details regarding the Series, including:

- Days to Expiration
- Contract Multiplier
- Expiration Color Indications
- Implied Volatility and Expected Move

SPY SPDR S&P500 ETF TRUST TR UNIT ETF 451.19 +.84 +0.19% B: 450.85 A: 450.99 NYSE EXTO Eligible										
Underlying										
	Last X	Net Chng	Bid X	Ask X	Size	Volume	Open	High	Low	
>	451.19 P	+0.84	450.85 P	450.99 P	5 x 5	58,944,098	453.17	453.67	449.68	
Option Chain Filter: Off Spread: Single Layout: Last X, Net Change										
>	5 SEP 23	(1)	100							11.99% (±2.478)
>	6 SEP 23	(2)	100 (Weeklys)							12.07% (±3.376)
>	7 SEP 23	(3)	100							12.31% (±4.151)
>	8 SEP 23	(4)	100 (Weeklys)							12.65% (±4.887)
>	11 SEP 23	(7)	100 (Weeklys)							11.01% (±5.568)
>	12 SEP 23	(8)	100							11.48% (±6.196)
>	13 SEP 23	(9)	100 (Weeklys)							12.23% (±6.992)
>	14 SEP 23	(10)	100							12.39% (±7.458)
>	15 SEP 23	(11)	100							13.74% (±8.667)

Trade Tab: Option Chain Details

Opening a Series, we can see the various Option Strikes and their associated Bid / Ask Prices, along with other Columns defined by our Layout.

Users have multiple ways to filter and refine their data view before Order Entry.

Let's look at a few ways to interact with this interface.

Option Chain | Filter: Off | Spread: Single | Layout: Last X, Net Change

Strikes: 14

CALLS								PUTS							
Last X	Net Chng	Bid X	Ask X	Exp	Strike	Bid X	Ask X	Last X	Net Chng						
8 SEP 23 (3) 100 (Weeklys) 12.78% (±4.124)															
6.63 W	-1.15	5.59 C	6.23 Q	8 SEP 23	444	.37 N	.38 Q	.38 P	+03						
4.92 E	-2.04	4.82 Q	5.29 Q	8 SEP 23	445	.51 Q	.52 Q	.52 T	+06						
4.22 P	-1.82	4.07 X	4.42 X	8 SEP 23	446	.70 Q	.71 I	.71 I	+14						
3.43 M	-1.93	3.48 N	3.51 X	8 SEP 23	447	.94 X	.96 X	.95 I	+21						
3.08 C	-1.73	3.12 T	3.15 B	8 SEP 23	447.5	1.09 B	1.10 N	1.09 B	+24						
2.77 C	-1.64	2.79 T	2.82 X	8 SEP 23	448	1.26 N	1.27 N	1.28 B	+32						
2.21 D	-1.44	2.18 N	2.20 P	8 SEP 23	449	1.65 Q	1.67 N	1.66 N	+43						
1.67 C	-1.33	1.66 Q	1.68 B	8 SEP 23	450	2.13 N	2.15 N	2.13 N	+57						
1.24 B	-1.15	1.22 T	1.23 P	8 SEP 23	451	2.70 P	2.72 N	2.70 N	+75						
.87 Z	-1.00	.86 X	.87 N	8 SEP 23	452	3.34 B	3.40 N	3.36 N	+93						
.73 E	-.89	.72 N	.73 X	8 SEP 23	452.5	3.69 X	3.77 B	3.80 Q	+1.09						
.60 Q	-.80	.59 P	.60 I	8 SEP 23	453	4.09 B	4.41 X	4.20 Q	+1.21						
.39 Z	-.64	.38 Q	.39 I	8 SEP 23	454	4.58 X	5.17 X	4.93 N	+1.29						
.24 E	-.50	.24 Z	.25 W	8 SEP 23	455	5.49 Q	6.10 Q	5.80 W	+1.42						

Trade Tab: Today's Options Statistics

Overview of Today's Option Data for the Underlying Security

Includes:

- 52 Week Aggregate Data
- Dynamic Intraday Statistics
- Weekly Activity Ratios

▼ Today's Options Statistics		Trade Analysis				Sizzle Index		
52 week IV High:	0.336	Calls		Puts		Total	0.425	
52 week IV Low:	0.131	Total Volume:	3,258,789	4,366,656		7,625,445	Call Sizzle Index	0.438
Current IV Percentile:	2%	Traded at BID or below:	1,550,546	2,140,332		3,690,868	Put Sizzle Index	0.418
52 week HV High:	0.309	...% of total:	47%	49%		48%	Volatility Sizzle	0.906
52 week HV Low:	0.077	Traded at ASK or above:	1,465,392	1,962,562		3,427,954	Stock Sizzle	0.771
Current HV Percentile:	19%	...% of total:	44%	44%		44%	P/C Ratio	1.34
Implied Volatility:	14.31%	Between the Market:	242,851	263,762		506,623		
VWAP:	451.281	...% of total:	7%	6%		6%		
		Delta Between *						
		0 ... 20	955,412	29%	1,622,575	37%	2,577,987	33%
		21 ... 40	893,804	27%	1,278,899	29%	2,172,703	28%
		41 ... 60	958,669	29%	1,062,964	24%	2,021,633	26%
		61 ... 80	333,282	10%	319,757	7%	653,039	8%
		81 ... 100	117,622	3%	82,461	1%	200,083	2%

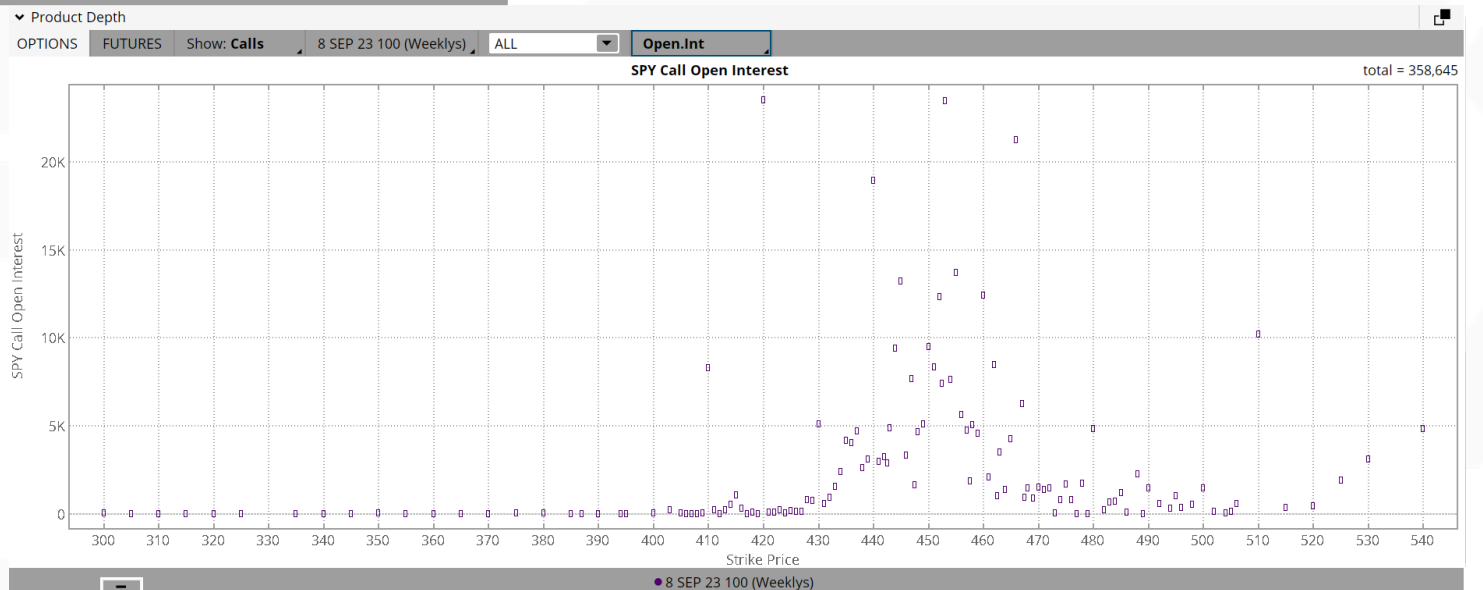
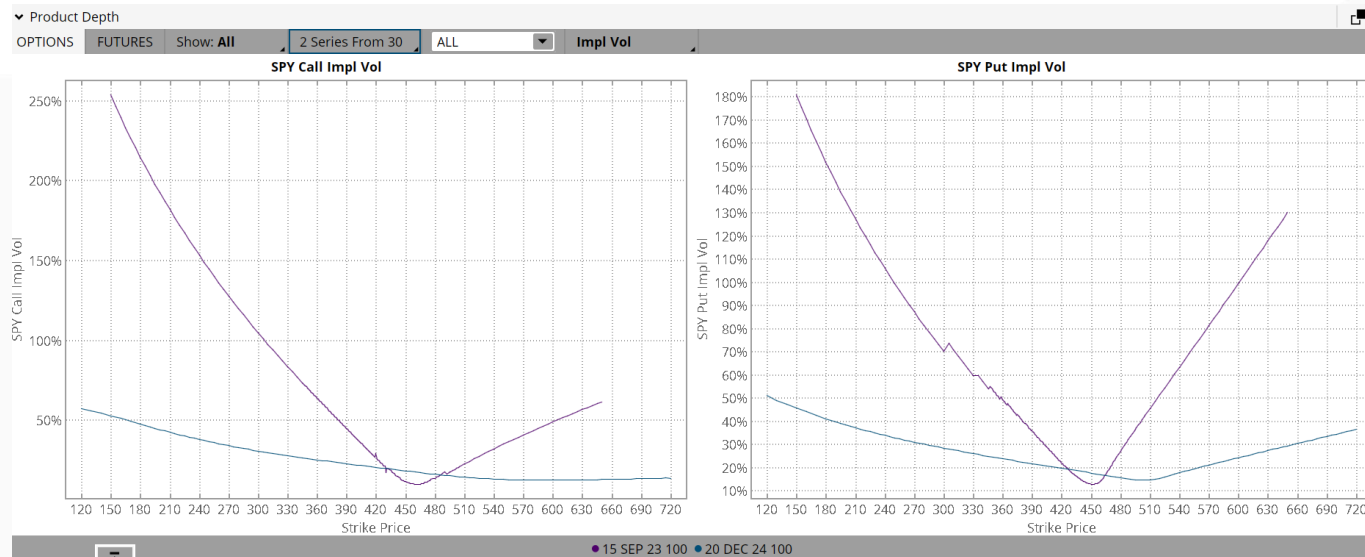
Trade Tab: Product Depth

Interface for analysis of Options and Futures Products. For Options, Product Depth displays the representation of the relationship between Option Prices and the Greeks, Volatility Values, or other parameters.

Useful for comparing different Series Options Strikes against other Parameters, Volatility Skew in the Option Series, and spotting anomalies.

Can be found in the Trade Tab as well as under the Charts Tab under the Product Depth Sub Tab.

Trades Tab: Product Depth Examples



Single Leg Orders

Utilizing the Option Chain and other Tools such as Active Trader, executing Single Leg Orders for Option Contracts is straightforward with ToS.

From the Option Chain:

- Sell or Buy an Option Contract Strike by clicking on the Bid or Ask respectively
- An Order Entry Prompt will provide edits to the default Order Entry Criteria
 - Buy/Sell
 - Quantity (Qty)
 - Symbol
 - Option Strike Details
 - Expiration Series (Exp)
 - Strike/Type/Price
 - Order
 - Time in Force (TIF)
 - Exchange

▼ Order Entry and Saved Orders													
Order Entry		Saved Orders											
Spread	Side	Qty	Symbol	Exp	Strike	Type	Link	Price	Order	TIF	Exchange		
SINGLE	BUY	+1	SPY	6 SEP 23 (Weeklys)	450	CALL		1.06	LMT	DAY	BEST		

Spread Orders

For any Multi-Leg Spread Orders, ToS allows users to construct the different Legs separately or choose to start with a Default Order Template.

From the Option Chain:

- Right Click on an Option Contract Strike Row
- The Right Click Menu will offer multiple Spread Types separated by Buy or Sell Side
 - Each will open a Default Order Entry that allows the user to adjust details about the Spread

14 SEP 23	(10)	100	3.85	M	-1.70	3.07	A	3.71	P	14 SEP 23	448
			4.95	D	-0.80	4.97	N	5.00	P	14 SEP 23	449
			4.29	D	-0.29	4.31	N	4.33	P	14 SEP 23	450
			3.55	Q	-0.40	3.69	Z	3.71			
			3.27	W	-0.20	3.13	P	3.15			
			2.74	N	-0.45	2.62	P	2.64			
			2.17	E	-0.54	2.17	N	2.19			
			1.88	D	-0.17	1.77	Z	1.78			
			1.27	E	-0.40	1.42	I	1.44			
			1.13	I	-0.35	1.13	W	1.14			
			.94	E	-0.26	.88	W	.89			
			.74	I	-0.56	.68	W	.69			
			.52	N	-0.28	.52	W	.53			

BUY	▶
SELL	▶
Buy custom	▶
Sell custom	▶
Create alert...	
Analyze	▶
Copy .SPY230914C450	
Add .SPY230914C450 to watchlist	▶
thinkLog notes on .SPY230914C450	▶
More info on .SPY230914C450	▶
Send .SPY230914C450 to	▶

Single
Vertical
Back/Ratio
Calendar
Diagonal
Straddle
Strangle
Covered Stock
Collar/Synthetic (Combo)
Butterfly
Condor
Iron Condor
Vertical Roll
Collar with Stock

Risk Profile

Shows how the Option Spread will change in price based on various parameters, such as Price of Underlying, Time, and Volatility.

Ways to Access:

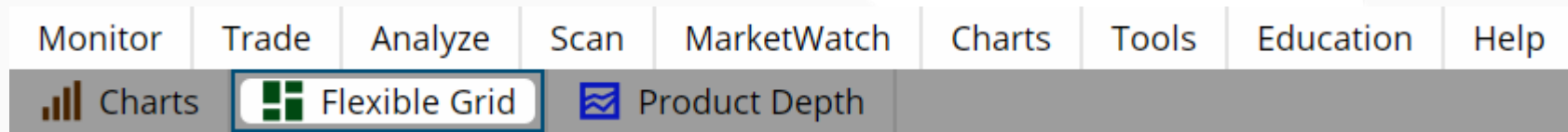
- Analyze Tab > Risk Profile
 - Add Simulated Trades will load the trades for the Profile
- Right Click any Order Entry > Analyze Trade
- Right Click Option Price > Analyze > Buy/Sell Trade

Allows a user to analyze a set of positions and review the Risk Profile Graph of those positions with various input parameters

Active Trader using Flexible Grid

For Option Traders, the Flexible Grid provides a customizable layout for displaying and accessing different Option Contracts in order to execute based on the underlying asset.

For Flexible Grid, under the Main **Charts** Tab, we will switch for the **Chart** Subtab over to **Flexible Grid**. Alternatively, use Alt + 2 to switch.



Let's go through how to customize Flexible Grid and Save a Flexible Grid for use during your trading.



thinkBack

The ToS Tool designed for Option Back Testing. Stores Historical Option Trade Data and allows for Back Testing of Strategies in a Virtual Environment

Ways to Access:

- Analyze Tab > thinkBack [Alt + 5]

Let's look at how to perform some simple back testing and monitor a trade as the underlying moves

Resources

ToS Learning Center

- Education Tab > Learning Center

Exploring the Trade Tab on Thinkorswim

- https://www.youtube.com/watch?v=Szg1A_zlFfM

Fastest Way to Trade Options on ThinkorSwim (Active Trader Setup)

- <https://www.youtube.com/watch?v=3QlsQDvE0qc>



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