

Symbol Guide for Interactive Brokers

This symbol guide documents how to enter symbols into Ensign 10 for the Interactive Brokers data feed. All the Indices symbols in Ensign 10 begin with a '\$' character. Symbols from a few exchanges require that you specify the Currency that they are quoted in. The Interactive Brokers web site has a detailed description of all exchanges, symbols and currencies.

Futures Contract Month Codes

- F - January
- G - February
- H - March
- J - April
- K - May
- M - June Example: ES Z5 E-mini S&P June 2025 Futures Contract
- N - July
- Q - August
- U - September
- V - October
- X - November
- Z - December

Symbol Format for Futures [Symbol Root] [Month Code][Year][–][Exchange][\$][Currency]

- ES #F Emini S&P 500 Continuation Contract
- ES M5 Emini S&P 500 June 2025
- NQ U5 Emini Nasdaq September 2025
- VIX K5 Volatility Index, May 2025
- YM U5 Emini Dow September 2025
- CAC40 M5-MONEP CAC 40 Futures June 2025
- I Z5-LIFFE\$EUR 3 Month Euribor Interest Rate Futures December 2025, Euro currency
- Z U5-LIFFE Financial Times Stock Exchange 100 Futures September 2025

Symbol Format for Futures Options [Symbol Root] [Month Code][Year][C or P][Strike]

- ES M5C1370 Emini S&P 500 June 2025, Call at 1370
- ES M5P1375 Emini S&P 500 June 2025, Put at 1375

Symbol Format for Stock Options (enter in the 'Setup | Manager' symbol list)

[Underlying Symbol]<space>[TwoDigitYear][TwoDigitDay][Put/Call and Expiration Month Code][StrikePrice]

- Symbol Root = Generally the underlying equity ticker symbol for the contract (e.g. MSFT) or variant based on significant corporate action being applicable (e.g. MSFT1). Multiple roots can coexist.
- Space = Blank space separates the root from the rest of the options symbol.
- TwoDigitYear = Expiration Year (2 digits)
- TwoDigitDay = Expiration Day in the expiration month for symbols with a weekly expiry.
- Put/Call and Month Code = Put/Call and Expiration month indicator (A-L = January-December Calls) (M-X = January-December Puts)
- StrikePrice = Include a decimal only if the strike price has cents. No trailing zeros are used. Example: Use 17.5 for a strike at 17.50.

- MSFT 25B20 Microsoft Feb 2025 Call for 20.00
- MSFT 25N29 Microsoft Feb 2025 Put for 29.00

For a symbol with a weekly expiry, add the day of the month after the year digits.

- CSCO 2518W17 Cisco 2025 Nov 18th, Put for 17.00,
- SPY 2518K107 SPY 2025 Nov 18th, Call for 107.00

- NIFTY50 2521E9350 NIFTY50 2025 May 21st, May Call at a strike of 9350
- BANKNIFTY 2504F19000 BANKNIFTY 2025 June 4th, June Call at a strike of 19000

How to Specify the Currency

Interactive Brokers requires that all symbols include the Currency that the symbol is quoted in. All of the symbols for each trading Exchange have a default currency assigned by Ensign Windows. However, there are many symbols which do not trade in the default currency. An override is necessary to specify the currency for the symbol. Append a '\$' and the Currency at the end of a symbol to specify the currency. For specific symbols and their currency, see the Interactive Brokers web site.

- ABSI-EBS\$USD Stock symbol on the EBS exchange, quoted in US Dollars
- IH1-LIFFE\$EUR 3 Month Euribor Interest Rate Futures, quoted in Euros
- JDW-VIRTX\$GBP Stock symbol on the VIRTX exchange, quoted in British Pound

IB FX - IDEAL Forex Currency Symbols

Combine root symbols in Ensign 10 as follows (root/root). Examples:

- USD/JPY U.S. Dollar quoted in Japanese Yen
- EUR/USD Euros quoted in U.S. Dollars
- JPY/USD Japanese Yen quoted in U.S. Dollars

The following root symbols are available to combine into various Currency symbols:

- AUD Australian Dollar
- CAD Canadian Dollar
- CHF Swiss Franc
- EUR Euros
- GBP British Pound
- HKD Hong Kong Dollar
- JPY Japanese Yen
- USD U.S. Dollar

The exchange will default to use IDEAL. Append a dash to use IDEALPRO. Example:

- EUR/USD- Changes the exchange from IDEAL to IDEALPRO
- EUR/USD-(BID) Uses IDEALPRO and charts the BID

Australia - Sydney Futures Exchange

- SPI H5-SNFE Standard and Poors / Australian Stock Exchange 200 Index (March 2025)

Belgium - Euronext Brussels Futures Exchange

- BFX H5-BELFOX BEL 20 Index Futures (March 2025)
- \$BFX BEL 20 Index

Canada - Toronto Stock Exchange

All Stock symbols from the Toronto Stock Exchange should have -TSE or -VENTURE appended to the symbol. Examples: BBD.SV.B-TSE, BAB-TSE, HAE-TSE, GEM-VENTURE, JNN-VENTURE, etc. The default Currency is CAD.

Toronto Stock Exchange Indices:

- \$SXA Gold Index
- \$SXB Financials Index
- \$SXH Info Tech Index
- \$SXY Energy Index
- \$TSE35 TSE35 Index
- \$TSE60 S&P Canada 60 Index Futures
- \$TICK-TSE TSE Tick
- \$TRIN-TSE TSE Trin
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Canada - Montreal Futures Exchange

- BAX H5-CDE 3 Month Canadian Banker's Acceptance Futures (March 2025)
- CGB H5-CDE 10 Year Government of Canada Bonds Futures (March 2025)
- TSE60 H5-CDE S&P Canada 60 Index Futures (March 2025)

France - Euronext Futures Exchange

- CAC40 H5-MONEP CAC 40 Futures (March 2025)
- \$CAC40 CAC 40 Index
- \$N100 Euronext 100 Index
- \$NBNP DJ Stoxx L&M Bank Index
- \$NENP DJ Stoxx L&M Energy Index
- \$NINP DJ Stoxx L&M Insurance Index
- \$NMDP DJ Stoxx L&M Media Index
- \$NPHP DJ Stoxx L&M Pharmaceutical Index
- \$NTEP DJ Stoxx L&M Telecom Index
- \$NTHP DJ Stoxx L&M Technology Index
- \$SXMP Dow Jones Stoxx Media

Germany - Eurex Futures

All the examples below use March 2025 (H5) as the futures contract month.

- DAX H5-DTB Dax Index Futures
- ESTX50 H5-DTB DJ Euro Stoxx50 Futures
- EU1 H5-DTB One Month Euribor Futures
- EU3 H5-DTB Three Month Euribor Futures
- FOX H5-DTB Finish Stock Index Futures
- GBL H5-DTB Euro Bund Futures
- GBM H5-DTB Euro BobL Futures
- GBS H5-DTB Euro Shaz Futures
- GBX H5-DTB Fut on 15-30 Year Bond
- GTI H5-DTB DJ Global Titans Index 50 Futures
- NMAX H5-DTB Nemax 50 Performance Index Futures
- STX H5-DTB DJ Stoxx50 Futures
- SX7E H5-DTB DJ Euro Stoxx Banks Index Futures
- SX7P H5-DTB DJ Stoxx 600 Banks Futures
- SX8E H5-DTB DJ Euro Stoxx Technology Futures
- SX8P H5-DTB DJ Stoxx 600 Technology Futures
- SXDE H5-DTB DJ Euro Stoxx Healthcare Futures
- SXDP H5-DTB DJ Stoxx 600 Healthcare Futures
- SXKE H5-DTB DJ Euro Stoxx Telecommunications Futures
- SXKP H5-DTB DJ Stoxx 600 Telecommunications Futures

The following Indices can be entered in Ensign 10 for the Eurex (DTB) exchange. See the Interactive Brokers web site for a detailed description list of the Indices.

- \$DAX \$EFE \$EFP \$ESA \$ESB \$ESE \$ESF \$ESH \$ESI \$ESM \$ESTX50 \$ESU \$ESY \$FOX \$GBX \$GTI \$NMAX \$STB \$STH \$STT \$STX \$STY \$SX1E \$SX2E \$SX3E \$SX4E \$SX6P \$SX7E \$SX7P \$SX8E \$SX8P \$SXDE \$SXDP \$SXEP \$SXHE \$SXIP \$SXKE \$SXKP \$SXNE \$SXOE \$SXPE \$TDX

Germany - Xetra (FWB) Stock Exchange

All Stock symbols from FWB should have –FWB appended to the symbol. The default Currency is EUR.

- JNPR-FWB, JDSU-FWB, IBM-FWB, etc.
- \$TICK-FWB FWB Tick
- \$TRIN-FWB FWB Trin

Hong Kong Futures Exchange

- HHI.HK M5-HKFE Hang Seng China Enterprise Index (June 2025)
- HSI M5-HKFE Hang Seng Stock Index Futures (June 2025)
- MHI M5-HKFE Mini Hang Seng Index Futures (June 2025)

- \$HSI Hang Seng Stock Index
- \$MHI Mini Hang Seng Index
- \$HHI.HK China Enterprise Index

Hong Kong - Stock Exchange

All Stock symbols from SEHK should have –SEHK appended to the symbol.

- 1299-SEHK

Italy - Borsa Italiana (IDEM) Exchange

- MINI M5-IDEM Mini MIB30 Index Futures (June 2025)
- SPMIB M5-IDEM Milan MIB30 Index Futures (June 2025)

Japan - Osaka Securities Exchange (OSE.JPN)

- N225 Z5-OSE.JPN Nikkei 225 Futures (Dec 2025)
- N225M Z5-OSE.JPN Nikkei 225 Mini Futures (Dec 2025)
- \$N225 Nikkei 225 Index

Japan - Tokyo Stock Exchange

- JTI M5-TSE.JPN Topix Index Futures (June 2025)
- \$TOPX Topix Index
- \$TICK-TSEJ Tokyo Tick
- \$TRIN-TSEJ Tokyo Trin

Korea - Korea Stock Exchange (Unavailable to U.S. citizens)

- \$K200 KOSPI200 Index
- K200 H5-KSE KOSPI200 Futures (March 2025)
- \$TICK-KSE Korea Tick
- \$TRIN-LSE Korea Trin

Netherlands - Euronext NL (FTA)

- AEXL H5-FTA AEX Index Light Futures (March 2025)
- EOE H5-FTA AMS EOE Index Futures (March 2025)

The following Indices can be entered in Ensign 10 for the Euronext (FTA) exchange. See the Interactive Brokers web site for a detailed description list of the Indices.

- \$AEXL \$APC \$AVC \$E100 \$EOE \$FDE \$FED \$STARS \$TOP5

Singapore Exchange - SGX

- ED H5-SGX\$USD 3 Mo Eurodollar Interest Rate (March 2025)
- SEY H5-SGX Euroyen (Tibor) Index
- SJB H5-SGX SGX: Mini JGB Index
- SGXNK H5-SGX SGX: Nikkei 225
- STW H5-SGX\$USD MCSI Taiwan Index
- STW H5-SDX\$USD Tiawan Future
- SSG H5-SGX\$SGD Singapore Dollar

- \$SEY Euroyen (Tibor) Index
- \$SGXNK SGX: Nikkei 225
- \$SJB SGX: Mini JGB Index
- \$STW MSCI Taiwan Index

Spain - Meffrv Futures

- MN H5-MEFFRV IBEX 35 Index Mini Futures (March 2025)
- IX H5-MEFFRV IBEX 35 Index Futures (March 2025)
- \$SPEUP S&P Euro 350 Eur Index
- \$SPFN S&P 350 Financials Index
- \$SPIT S&P 350 Information Technology
- \$SPTS S&P 350 Telecom Technology

Switzerland - Eurex (SOFFEX)

- SMI H5-SOFFEX Swiss Market Index Futures (March 2025)
- \$SMI Swiss Market Index

Switzerland - Swiss Exchange (EBS)

All Stock symbols from the Swiss Stock Exchange should have –EBS appended to the symbol. The default Currency is CHF.

- JPM-EBS, INTC-EBS, MEK-EBS, etc.
- \$TICK-EBS EBS Tick
- \$TRIN-EBS EBS Trin

Indicate the Currency if not quoted in Swiss Francs (CHF).

- ABSI-EBS\$USD, ABSE-EBS\$EUR, ALT-EBS\$USD

Switzerland - VIRTX

All Stock symbols from the VIRTX Exchange should have –VIRTX appended to the symbol. Indicate the Currency that the symbol is Quoted in.

- JDW-VIRTX\$GBP, BAY-VIRTX\$GBP, POP-VIRTX\$EUR, etc.
- \$TICK-VIRTX VIRTX Tick
- \$TRIN-VIRTX VIRTX Trin

United Kingdom - International Petroleum Exchange - IPE

The following Futures Symbols all use June 2025 (M5) in the examples.

- COIL M5 Brent Crude
- GOIL M5 Gas Oil
- NGF M5 Natural Gas

United Kingdom - LIFFE

The following Futures Symbols all use March 2025 (H5) in the examples.

- I H5-LIFFE\$EUR 3 Month Euribor Interest Rate Futures
- L H5-LIFFE 3 Month Sterling Interest Rate Futures
- MCP H5-LIFFE\$EUR Morgan Stanley Pan-Euro Index Futures
- MCU H5-LIFFE\$EUR Morgan Stanley Euro Index Futures
- O H5-LIFFE\$EUR 5 Year Euro Swap Note Futures
- P H5-LIFFE\$EUR 10 Year Euro Swap Note Futures
- R H5-LIFFE Long Gilt Futures
- TWS H5-LIFFE\$EUR 2 Year Euro Swap Note Futures

- USO H5-LIFFE\$USD 5 Year \$ Swap Note Futures
- USP H5-LIFFE\$USD 10 Year \$ Swap Note Futures
- Z H5-LIFFE Financial Times Stock Exchange 100 Futures

- \$C 3 Month Euribor Interest Rate
- \$D Robusta Coffee (LIFFE-NF)
- \$EON One Month Eonia Indexed Future
- \$XC Cocoa
- \$XD Robusta Coffee
- \$Z Financial Times Stock Exchange 100

United Kingdom - London Stock Exchange (LSE)

All Stock symbols from the LSE Exchange should have –LSE appended to the symbol. The default Currency is GBP.

- BAA-LSE, PMO-LSE, VCT-LSE, etc.

Indicate the Currency if not quoted in British Pounds (GBP).

- BIR-LSE\$EUR, TATN-LSE\$USD, DRX-LSE\$EUR

- \$TICK-LSE LSE Tick
- \$TRIN-LSE LSE Trin

United States - American Stock Exchange (AMEX)

- \$ADR, \$BTK, \$DRG, \$IBH, \$MMI, \$TMW, \$XAL, \$XCI, \$XOI, \$TICK-AMEX, \$TRIN-AMEX

- \$AD-AMEX(A) Issues Advance
- \$AD-AMEX(D) Issues Decline
- \$AD-AMEX(U) Issues Unchanged
- \$VOL-AMEX(A) Volume Up
- \$VOL-AMEX(D) Volume Down
- \$VOL-AMEX(U) Volume Unchanged

United States - Chicago Board of Trade (CBOT) Futures

The following Futures examples use March 2025 (H5) as the contract month and year.

- YE H5 Mini sized Eurodollar Futures
- YG H5 Mini sized New York Gold Futures
- YH H5 Mini sized Bond Futures
- YI H5 Mini sized NY Silver Futures
- YM H5 Mini sized Dow Jones Industrial Futures
- YN H5 Mini sized 10 Year T-Note Futures
- ZB H5 30 Year US Bond Futures
- ZF H5 5 Year US Treasury Note Futures
- ZN H5 10 Year US Treasury Note Futures
- ZQ H5 30 Day Fed Funds Futures
- ZT H5 2 Year US Treasury Note Futures

United States - Chicago Board Options Exchange (CBOE)

Stock options are entered with the underlying stock symbol, a space, the month letter, and the strike letter. Some stock options also need the strike price to be entered after the strike letter.

- QQQQ LI35 QQQQ option, December Call, 35 Strike
- SPY WO119 SPY option, November Put, 119 Strike

- \$AUX, \$BIX, \$FSX, \$OEX, \$RUA, \$SGX, \$SPX, \$VIX, etc.

United States - Chicago Mercantile Exchange (GLOBEX) Futures

The following Futures examples use March 2025 (H5) as the contract month and year.

- AUD H5 Australian Dollar / USD Exchange Rate Futures
- BRE H5 Brazilian Real Futures
- CAD H5 Canadian Dollar Futures
- CHF H5 Swiss Franc Exchange Rate Futures
- E7 H5 Emini Euro Futures
- EMD H5 Emini S&P Midcap 400 Futures
- ER2 H5 Emini Russell 2000 Futures
- ES H5 Emini S&P 500 Futures
- EUR H5 Euro FX Futures
- F0 H5 10 Year Agency Note Futures
- F5 H5 5 Year Agency Note Futures
- FEX H5 Fortune E-50 Futures
- FIN H5 S&P 500 Financial Sector Index Futures
- GBP H5 British Pound Futures
- GE H5 Globex Euro Dollar Futures
- J7 H5 Emini Japanese Yen Futures
- JPY H5 Japanese Yen Futures
- MXP H5 Mexican Peso Futures
- NIY H5 Yen Denominated Nikkei 225 Index Futures
- NKD H5 Dollar Denominated Nikkei 225 Index Futures
- NQ H5 Emini Nasdaq 100 Futures
- NZD H5 New Zealand Dollar Futures
- QB H5 Quarterly Bankruptcy Index
- QCN H5 Emini Nasdaq Composite Futures
- RUI H5 Russell 1000 Index Futures
- RUR H5 Russian Ruble Futures
- SGX H5 S&P 500 / Barra Growth Index Futures
- SML H5 S&P 500 Smallcap 600 Index Futures
- SVX H5 S&P 500 / Barra Value Index Futures
- TZ H5 Fed Funds Turn Rate Futures
- ZAR H5 South African Rand Futures

United States – Crypto Currencies

- BTC-PAXOS Bitcoin cryptocurrency on the PAXOS exchange

Crypto Futures examples:

- BRR H2 CF Bitcoin Reference Rate on the @CMECRYPTO exchange
- ETHUSDRR H2 CF Ether-Dollar Reference Rate on the @CMECRYPTO exchange

United States - Eurex US

The following Futures examples use March 2025 (H5) as the contract month and year.

- TBX H5 30 Year Treasury Bond Futures (EurexUS)
- TN2 H5 Jumbo 2 Year US Treasury Note (EurexUS)
- TN3 H5 3 Year US Treasury Note (EurexUS)
- TNL H5 10 Year Treasury Note Futures (EurexUS)
- TNM H5 5 Year Treasury Note Futures (EurexUS)
- TNS H5 2 Year Treasury Note Futures (EurexUS)
- WR1 H5 Russell 1000 Index Futures (EurexUS)
- WR2 H5 Russell 2000 Index Futures (EurexUS)
- EUR H5-EUREX\$USD Euro quoted in US dollar
- EUR H5-EUREX\$JPY Euro quoted in Japanese Yen
- EUR H5-EUREX\$GBP Euro quoted in British Pound
- EUR H5-EUREX\$CAD Euro quoted in Canadian \$
- EUR H5-EUREX\$AUD Euro quoted in Australian \$

United States - Nasdaq

All Indices that originate from the Nasdaq must have -NASD appended to the symbol.

- \$BANK-NASD, \$COMP-NASD, \$IXO-NASD, \$NDX-NASD, \$TICK-NASD, \$TRIN-NASD, etc.
- \$AD-NASD(A) Issues Advance
- \$AD-NASD(D) Issues Decline
- \$AD-NASD(U) Issues Unchanged
- \$VOL-NASD(A) Volume Up
- \$VOL-NASD(D) Volume Down
- \$VOL-NASD(U) Volume Unchanged
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United States - New York Mercantile Exchange (NYMEX) Futures

- QG H5 Natural Gas E-mini Futures (March 2025)
- QM H5 Crude Oil E-mini Futures (March 2025)

United States - New York Stock Exchange (NYSE)

- \$INDU Dow Jones Industrial Average
- \$NHZ NYSE Transportation Index
- \$NNA NYSE Utility Index
- \$NYA NYSE Composite Index
- BRK B Berkshire Hathaway Inc. common stock
- \$TICK-NYSE NYSE Tick
- \$TRIN-NYSE NYSE Trin
- \$AD-NYSE(A) Issues Advance
- \$AD-NYSE(D) Issues Decline
- \$AD-NYSE(U) Issues Unchanged
- \$VOL-NYSE(A) Volume Up
- \$VOL-NYSE(D) Volume Down
- \$VOL-NYSE(U) Volume Unchanged

Preferred stocks have a space and a three letter suffix. Add a '-' character suffix if the exchange is VALUE.

- PSA PRD- Public Storage preferred Value
- PSA PRP Public Storage
- PSA PRJ Public Storage

United States - One Chicago (ONE)

The single stock futures have a space, month, year, and -ONE suffix. Example: IBM M1-ONE

- \$XARO Aerospace Index
- \$XBNK Bank Index
- \$XBTC BioTech Index
- \$XCMT Communications Index
- \$XDRG Pharmaceuticals Index
- \$XELC Electric Utilities Index
- \$XFIS Diversified Financials Index
- \$XIDD Diversified Industrial Index
- \$XOIL Oil Companies Index
- \$XPCS Precious Metals Index
- \$XRTS Retail Index
- \$XSCR Investment Services Index
- \$XSEM Semiconductors Index
- \$XTHQ Technology Hardware & Equipment Index

United States - Pacific Stock Exchange (PSE)

- \$PSE PSE Technology Index
- \$TIX PSE Telegraph LTD Israel Index
- \$WSX Wilshire Smallcap Index

United States - Philadelphia Stock Exchange (PHLX)

- Examples: \$BKO, \$HGX, \$OTX, \$SOX, \$UTY, \$VLE, \$XAU, \$XOC, etc.