



BMO Wealth
Management
BMO InvestorLine

BMO Active Trader Symbol Guide



This document describes the financial instrument symbology used by BMO Active Trader. Identifiers (symbol) are passed in by the originating exchange and then we prepend a character to identify the instrument type and append a suffix to denote the exchange or country.

Symbol Prepends		
Prepended Character	Instrument Type	Example
^	Indices	^TSX:CA - TSX Composite Index
@	Options	@MSFT:US 110122C00020000
!	Interest Rates	!PRIME - Bank of Canada Prime Rate
/	Futures	/GC:CMX - Gold Futures
/	Spot Metals	/GCSPCAD:US - Spot Gold/CA Dollars
\$	Currencies	\$CADUSD - Canada Dollar/US Dollar
~	Cryptocurrencies	~BTCDASH:US - Bitcoin/Dash

Symbol Suffixes

Canadian (TSX/TSXV) and US symbols require a suffix denoting the country. **Example** - XYZ:CA or XYZ:US.

Futures/Commodities Symbol Format

Futures always begin with a "/" character and have the form: (root symbol)(month code)(year code).

root

A root symbol assigned by the exchange.

Example - "HO" for heating oil or "GC" for Gold.

month code

F - Jan	J - Apr	N - Jul	V - Oct
G - Feb	K - May	Q - Aug	X - Nov
H - Mar	M - Jun	U - Sep	Z - Dec

year code

A one-digit number representing the year, eg. "2" for 2022.

For NGX Futures in Canada, use a two-digit number representing the year, eg. "22" for 2022.

symbol suffix

A symbol suffix denoting the futures exchange.

Example - ":NMX" for Nymex or ":CMX" for Comex.

Example futures symbols:

/HOZ2:NMX - Heating Oil Dec 2022

/GCV2:CMX - Gold Oct 2022

Options Symbol Format

The Options Module offers a simple approach to view an option chain by using the underlying symbol (ie BMO:CA). To view an option quote, however, the options symbol must always begin with a "@" character and have the form: (root symbol)(contract date - yymmdd)(option type)(strike price).

root

A six-character option root symbol assigned by the exchange, left-justified, space-padded. In the case where the option root symbol is three characters, it will be followed by three spaces. In the case where the option root symbol is 2 characters, it will be followed by 4 spaces. In the case the option root symbol is 4 characters, it will be followed by 2 space.

contract date

22: Two digits of the contract date year (ie. 22 = 2022)

01: Two-digit contract date month (ie. 01 = January)

22: Two-digit contract date day of month (ie. 22 = the 22nd)

option type

"C" for CALL or "P" for PUT.

strike price

A five-digit whole portion of the strike price; right-justified and padded with zeros on the left; for instance, if the strike price is \$26.50, then this field would contain "00026".

A three-digit fractional portion of the strike price; left-justified and padded with zeros on the right; for instance, if the strike price is \$26.50, then this field would contain "500".

Example options symbols:

2022 January 22 Call for Microsoft with a strike price of \$26.50

Symbol = @MSFT 220122C00026500:US

2022 August 14 Put for Bank of Montreal with a strike price of \$15.50

Symbol = @BMO 220814P00015500:CA

Special Symbol Extensions NYSE/NYSE American

Category	Format	Example
Class Stock	.A:US	XXX.A:US
Pref. Stock	.P:US	XXX.P:US
Pref. Class	.PA:US	XXX.PA:US
When Issued	.W:US	XXX.W:US
Pref. When Issued	.PW:US	XXX.PW:US
Pref. "A" When Issued	.PA.W:US	XXX.PA.W:US
Class "A" When Issued	.A.W:US	XXX.A.W:US
When Distributed	.WD:US	XXX.WD:US
Pref. When Distributed	.PWD:US	XXX.PWD:US
Warrants	.WS:US	XXX.WS:US
Warrants Class A	.WS.A:US	XXX.WS.A:US
Warrants When Issued	.WS.W:US	XXX.WS.W:US
Called	.CL:US	XXX.CL:US
Class A Called	.A.CL:US	XXX.A.CL:US
Convertible Called	.CV.CL:US	XXX.CV.CL:US
Pref. Called	.P.CL:US	XXX.P.CL:US
Pref. Class A Called	.PA.CL:US	XXX.PA.CL:US
Rights	.R:US	XXX.R:US
Rights When Issued	.R.W:US	XXX.R.W
Units	.U:US	XXX.U:US
Emerging Company Marketplace	.EC:US	XXX.EC:US
Partial Paid	.PP:US	XXX.PP:US

Special Symbol Extensions (5th Letter) for Nasdaq

Category	Format	Example
Class A	A	XXXXA:US
Class B	B	XXXXB:US
Issuer qualifications exception	C	XXXXC:US
New	D	XXXXD:US
Delinquent in filings	E	XXXXE:US
Foreign	F	XXXXF:US
1st convertible bond	G	XXXXG:US
2nd convertible bond	H	XXXXH:US
3rd convertible bond	I	XXXXI:US
Voting	J	XXXXJ:US
Nonvoting	K	XXXXK:US
Miscellaneous situations	L	XXXXL:US
4th preferred	M	XXXXM:US
3rd preferred	N	XXXXN:US
2nd preferred	O	XXXXO:US
1st preferred issue	P	XXXXP:US
Bankruptcy	Q	XXXXQ:US
Rights	R	XXXXR:US
Shares of beneficial interest	S	XXXXS:US
With warrants or with rights	T	XXXXT:US
Units	U	XXXXU:US
When-issued and when-distributed	V	XXXXV:US
Warrants	W	XXXXW:US
American Depositary Receipt	Y	XXXXY:US
Miscellaneous situations	Z	XXXXZ:US

Special Symbol Extensions for TSX and TSXV

Category	Format	Example
Class Stock	.A	XXX.A:CA
Preferred Stock	.PR, .PS, or .PF	XXX.PR:CA or XXX.PS:CA or XXX.PF:CA
Preferred Class	.PA	XXX.PA:CA
When Issued	.W	XXX.W:CA
Warrants	.WT or .WS	XXX.WT:CA or XXX.WS:CA
Warrants Class A	.WS.A	XXX.WS.A:CA
Rights	.RT	XXX.RT:CA
Redeemable Common	.Y	XXX.Y:CA
Debentures	.DB	XXX.DB:CA
Units	.UN	XXX.UN:CA
US Dollar	.U	XXX.U:CA
US Dollar (second issue trading)	.V	XXX.V:CA
Special US Trading Terms	.S	XXX.S:CA
Special US Trading Terms (second issue trading)	.T	XXX.T:CA
Equity Dividend	.E	XXX.E:CA
Notes	.NT or .NO or .NS	XXX.NT:CA or XXX.NO:CA or XXX.NS:CA
Booms	.M	XXX.M:CA
Legended Shares	.L	XXX.L:CA
Instalment Receipts	.IR	XXX.IR:CA
Subscription Receipts	.R	XXX.R:CA
Subscription Receipts (second issue trading)	.N	XXX.N:CA
Subscription Receipts (third issue trading)	.O	XXX.O:CA
NEX (Junior Venture Market)	.H	XXX.H:CA
Capital Pool (Venture)	.P	XXX.P:CA

Quick Symbol Guide

US Indices

^DJI:US - Dow Jones Industrial Average
 ^DJT:US - Dow Jones Transportation Average
 ^DJU:US - Dow Jones Utility Average
 ^OE:US - S&P 100 (CME S&P Indices)
 ^IN:US - S&P 500 (CME S&P Indices)
 ^OEX:US - S&P 100 (Cboe Indices)
 ^SPX:US - S&P 500 (Cboe Indices)
 ^MID:US - S&P 400
 ^COMPX:US - Nasdaq Composite
 ^NDX:US - Nasdaq 100
 ^NYA:US - NYSE Composite
 ^XAX:US - NYSE American Composite
 ^NYID:US - NYSE US 100
 ^VIX:US - S&P Volatility
 ^RUT:US - RUSSELL 2000
 ^RUA:US - RUSSELL 3000
 ^TNX - 10 Yr T Note Interest Rate
 ^TYX - Treasury Yield 30 Yr

Canadian Indices

^TSX:CA - S&P/TSX Composite
 ^JX:CA - S&P/TSX Venture Composite
 ^TOOC:CA - S&P/TSX Capped Composite
 ^TX6C:CA - S&P/TSX 60 Capped
 ^TXSC:CA - S&P/TSX SmallCap Select
 ^TX40:CA - S&P/TSX Completion
 ^SLAOXM:CA - CSE Composite
 ^SLA304:CA - CSE25
 ^NYID:US - NYSE US 100
 ^VIX:US - S&P Volatility
 ^RUT:US - RUSSELL 2000
 ^RUA:US - RUSSELL 3000

Futures

/NG:NMX - Henry Hub Natural Gas (NYMEX)
 /CL:NMX - WTI Crude Oil (NYMEX)
 /GC:CMX - Gold (COMEX)
 /SI:CMX - Silver (COMEX)
 /HG:CMX - Copper (COMEX)
 /ZC:US - Corn (CBOT)
 /ZS:US - Soybean (CBOT)
 /ES:US - E-mini S&P 500 (CBOT)
 /NQ:US - E-mini Nasdaq 100 (CBOT)

Currencies

\$CADUSD - Canada Dollar/US Dollar
 \$CADGBP - Canada Dollar/British Pound
 \$CADEUR - Canada Dollar/EU Euro
 \$USDEUR - US Dollar/EU Euro
 \$JPYUSD - Japan Yen/US Dollar
 \$AUDEUR - Australia Dollar/EU Euro
 \$MXNUSD - Mexico Peso/US Dollar

Cryptocurrencies

~BTC DASH:US - Bitcoin/Dash
 ~ETHBTC:US - Ethereum/Bitcoin
 ~BCCBTC:US - Bitcoin Cash/Bitcoin
 ~XRPBTC:US - Ripple/Bitcoin
 ~LTCBTC:US - Litecoin/Bitcoin

Spot Metals

/GCSPUSD:US - Spot Gold/USA Dollars
 /GCSPCAD:US - Spot Gold/CA Dollars
 /SISPUUSD:US - Spot Silver/USA Dollars
 /SISPCAD:US - Spot Silver/CA Dollars
 /PLSPUSD:US - Spot Platinum/USA Dollars
 /PLSPCAD:US - Spot Platinum/CA Dollars
 /PASPUUSD:US - Spot Palladium/USA Dollars
 /PASPCAD:US - Spot Palladium//CA Dollars

Canadian Bank Rates

!BANK:CA - Bank of Canada Rate
 !PRIME:CA - Bank of Canada Prime Rate
 !OR:CA - Overnight Repos
 !REPORATE:CA - Overnight Repo Rate

US Bank Rates

!PRIME:US - Prime Rate
 !FFUNDS:US - Federal Funds Rate
 !CMTN1Y:US - 1 Year Constant Maturity Rate
 !CMTN30Y:US - 30 Year Constant Maturity Rate
 !USINF:US - US Inflation

International Indices

^AEX - AEX Index
 ^ATH20:GR - Athex 20
 ^ATHEX - Athens General
 ^BFX - BEL 20
 ^FCHI - CAC 40
 ^IBEX - IBEX 35
 ^GDAXI - DAX Performance

Let's connect

We're available Monday to Friday
between 8 a.m. and 6 p.m. (ET)
to answer your questions.



Call us
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