

Contract Option Specifications

Name	Ticker	Bloomberg	Underlying		Exchange	Greeks	Premium Style ⁸	Ccy	Contract Size	Tick Size	Tick Value	Trading Hours (Exchange)				Time Zone	Settle Style	Rule of Exercise	Daily Exercise Cutoff ¹	Expiry Time ²	Settle Price on Bloomberg	Settlement Price	
			Deliverable	Type								Open	Close	Open	Close								
<u>Metals:</u>																							
Gold	OG	GC	GC	Future	COMEX	✓	Full	USD	1 Future	0.1	10	18:00	17:00		EST	Physical	American	16:15	13:30	GC		Expiry time from underlying future	
Gold Weekly	OG1-OG5	XGC	GC	Future	COMEX	✓	Full	USD	1 Future	0.1	10	18:00	17:00		EST	Physical	American	16:15	13:30	XGC		Expiry time from underlying future	
Silver	SO	SI	SI	Future	COMEX	✓	Full	USD	1 Future	0.1	5	18:00	17:00		EST	Physical	American	16:15	13:25	SI		Expiry time from underlying future	
Silver Weekly	SO1-SO5	WSI	SI	Future	COMEX	✓	Full	USD	1 Future	0.1	5	18:00	17:00		EST	Physical	American	16:15	13:25	SI		Expiry time from underlying future	
Copper	HX	HG	HG	Future	COMEX	✓	Full	USD	1 Future	0.05	12.5	18:00	17:00		EST	Physical	American	16:15	13:00	HG		Expiry time from underlying future	
Platinum	PO	PL	PL	Future	NYMEX	✓	Full	USD	1 Future	0.1	5	18:00	17:00		EST	Physical	American	16:15	13:05	PL		Expiry time from underlying future	
<u>Energy:</u>																							
Light Sweet Crude Oil	LO	CL	CL	Future	NYMEX	✓	Full	USD	1 Future	0.01	10	18:00	17:00		EST	Physical	American	16:15	14:30	CL		Expiry time from underlying future	
Light Sweet Crude Oil Weekly	1LO - 5LO	CLW	CL	Future	NYMEX	✓	Full	USD	1 Future	0.01	10	18:00	17:00		EST	Physical	American	16:15	14:30	CL		Expiry time from underlying future	
Natural Gas (American)	ON	NG	NG	Future	NYMEX	✓	Full	USD	1 Future	0.001	10	18:00	17:00		EST	Physical	American	16:15	14:30	NG		Expiry time from underlying future	
Natural Gas (European)	LNE	GK	NG	Future	NYMEX	✓	Full	USD	1 Future	0.001	10	18:00	17:00		EST	Physical	European	16:15	14:30	NG		Expiry time from underlying future	
NY Harbor ULSD	OH	HO	HO	Future	NYMEX	✓	Full	USD	1 Future	0.01	4.2	18:00	17:00		EST	Physical	American	16:15	14:30	HO		Expiry time from underlying future	
RBOB Gasoline	OB	XB	RB	Future	NYMEX	✓	Full	USD	1 Future	0.01	4.2	18:00	17:00		EST	Physical	American	16:15	14:30	XB		Expiry time from underlying future	
WTI (Crude)	OWBS	EN	WBS	Future	ICE	✓	Full	USD	1 Future	0.01	10.0	1:00	23:00		BST	Physical	American	22:45	19:30	EN		Expiry time from underlying future	
Brent Crude	OLCO	CO	LCO	Future	ICE	✓	Futures	USD	1 Future	0.01	10.0	1:00	23:00		BST	Physical	American	16:00	19:30	COY		COY Comdty after 6 AM CET @ EXP+1	
<u>Grains:</u>																							
Soybean	OZS	S	ZS	Future	CBOT	✓	Full	USD	1 Future	0.125	6.25	19:00	7:45	8:30	13:15	CST	Physical	American	17:00	13:15	S		Expiry time from underlying future
Soybean Oil	OZL	BO	ZL	Future	CBOT	✓	Full	USD	1 Future	0.005	3	19:00	7:45	8:30	13:15	CST	Physical	American	17:00	13:15	BO		Expiry time from underlying future
Soybean Meal	OZM	SM	SM	Future	CBOT	✓	Full	USD	1 Future	0.05	5	19:00	7:45	8:30	13:15	CST	Physical	American	17:00	13:15	SM		Expiry time from underlying future
Corn	OZC	C	ZC	Future	CBOT	✓	Full	USD	1 Future	0.125	6.25	19:00	7:45	8:30	13:15	CST	Physical	American	17:00	13:15	C		Expiry time from underlying future
Wheat	OZW	W	ZW	Future	CBOT	✓	Full	USD	1 Future	0.125	6.25	19:00	7:45	8:30	13:15	CST	Physical	American	17:00	13:15	W		Expiry time from underlying future
Milling Wheat	OBM	CA	EBM	Future	EUR_PAR1	✓	Full	EUR	1 Future	0.1	5	10:45	18:30		CET	Physical	American	16:00	18:30	CA		Expiry time from underlying future	
Rapeseed	ECO	IJ	ECO	Future	EUR_PAR1	✓	Full	EUR	1 Future	0.1	5	10:45	18:30		CET	Physical	American	16:00	18:30	IJ		Expiry time from underlying future	
Maize (Corn)	OMA	EP	EMA	Future	EUR_PAR1	✓	Full	EUR	1 Future	0.1	5	10:45	18:30		CET	Physical	American	16:00	18:30	EP		Expiry time from underlying future	
<u>Meats:</u>																							
Live Cattle	LE	LC	LE	Future	CME	✓	Full	USD	1 Future	0.025	10	8:30	13:05		CST	Physical	American	17:00	13:00	LC		Expiry time from underlying future	
Lean Hogs	HE	LH	HE	Future	CME	✓	Full	USD	1 Future	0.025	10	8:30	13:05		CST	Physical	American	17:00	12:00	LH ¹³		Expiry time from underlying future	
<u>Softs:</u>																							
Coffee NY	OKC	KC	KC	Future	ICE_NYBOT	✓	Full	USD	1 Future	0.01	3.75	4:15	13:30		EST	Physical	American	13:00	13:30	KC		Expiry time from underlying future	
Sugar NY #11	OSB	SB	SB	Future	ICE_NYBOT	✓	Full	USD	1 Future	0.01	11.20	3:30	13:00		EST	Physical	American	12:30	13:00	SB		Expiry time from underlying future	
Cocoa NY	OCC	CC	CC	Future	ICE_NYBOT	✓	Full	USD	1 Future	1.00	10.00	4:45	13:30		EST	Physical	American	13:00	13:30	CC		Expiry time from underlying future	
Orange Juice	OOJ	JO	OJ	Future	ICE_NYBOT	✓	Full	USD	1 Future	0.05	7.50	8:00	14:00		EST	Physical	American	13:30	14:00	JO		Expiry time from underlying future	
Cotton No. 2	OCT	CT	CT	Future	ICE_NYBOT	✓	Full	USD	1 Future	0.01	5.00	21:00	14:20		EST	Physical	American	14:00	14:20	CT		Expiry time from underlying future	
Coffee (Robusta)	RC	DF	RC	Future	ICE_SOFT	✓	Futures	USD	1 Future	1.00	10.00	9:00	17:30		BST	Physical	American	12:00	12:30	DF		Expiry time from underlying future	
Cocoa No. 401	C	QC	C	Future	ICE_SOFT	✓	Futures	GBP	1 Future	1.00	10.00	9:30	16:55		BST	Physical	American	11:30	12:00	QC		Expiry time from underlying future	
<u>Equity Indices:</u>																							
E-mini S&P 500	ES	ES	ES	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	ES		SOR for Quarterly and close of Underlying	
E-mini S&P 500 EOM	ESW	SC	ES	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical	European	17:00	15:00	ESF Index		Weighted avg of last 30 seconds	
E-mini S&P 500 Weekly	ESW1-4	1E-4E	ES	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical	European	17:00	15:00	ESF Index		Weighted avg of last 30 seconds	
E-mini S&P 500 Wed W	E1C-E5C	IEW	ES	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical	European	17:00	15:00	ESF Index		Weighted avg of last 30 seconds	
E-mini S&P 500 Mon W	E1A-E5A	IWWW	ES	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical	European	17:00	15:00	ESF Index		Weighted avg of last 30 seconds	
Mico E-mini S&P 500	MES	HWA	MES	Future	CME	✓	Full	USD	1 Future	0.05	0.25	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	HWA		SOR for Quarterly and close of Underlying	
E-mini Nasdaq	NQ	NQ	NQ	Future	CME	✓	Full	USD	1 Future	0.05	1	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	NQ		SOR for Quarterly and close of Underlying	
E-mini Nasdaq EOM	QNE	QNA	NQ	Future	CME	✓	Full	USD	1 Future	0.05	1	17:00	16:00		CST	Physical	European	17:00	15:00	NQF Index		Weighted avg of last 30 seconds	
E-mini Nasdaq Weekly	QN1-4	1O-4O	NQ	Future	CME	✓	Full	USD	1 Future	0.05	1	17:00	16:00		CST	Physical	European	17:00	15:00	NQF Index		Weighted avg of last 30 seconds	
Micro E-mini Nasdaq	MNQ	HWB	MNQ	Future	CME	✓	Full	USD	1 Future	0.05	0.1	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	HWB		SOR for Quarterly and close of Underlying	
E-mini Russell 2000	RTO	RTY	RTY	Future	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	RTY		SOR for Quarterly and close of Underlying	
E-mini Russell 2000 EOM	RTOW	RME	RTY	Index	CME	✓	Full	USD	1 Future	0.05	2.5	17:00	16:00		CST	Physical	European	17:00	15:00	ERTF		Weighted avg of last 30 seconds	
E-mini Dow	YM	DM	YM	Future	CBOT	✓	Full	USD	1 Future		1	5	17:00	16:00		CST	Physical ³	American	17:00	15:15 ⁴	DM		SOR for Quarterly and close of Underlying
S&P500 Index	SPX	SPX	SPX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15		CST	Cash	European	17:00	15:15 ⁹	SPXSET Index		Opening price of Index on LTD+1	
S&P500 Index Weekly	SPXW	SPXW	SPX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15		CST	Cash	European	17:00	15:00 ¹⁰	SPX Index		Close of the Underlying Index	
S&P 500 Mini Index	XSP	XSP	XSP	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15		CST	Cash	European	17:00	15:00 ¹⁰	XSP Index		Close of the Underlying Index	
Dow Jones Index	DJX	DJX	DJX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15		CST	Cash	European	17:00	15:15 ⁹	DJS Index		Opening price of Index on LTD+1	

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Name	Ticker	Bloomberg	Underlying		Exchange	Greeks	Premium Style ^a	Ccy	Contract Size	Tick Size	Tick Value	Trading Hours (Exchange)				Time Zone	Settle Style	Rule of Exercise	Daily Exercise Cutoff ¹	Expiry Time ²	Settle Price on Bloomberg	Settlement Price
			Deliverable	Type								Open	Close	Open	Close							
Nasdaq 100 Index	NDX	NDX	NDX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15 ⁹	NDS Index	Opening price of Index on LTD+1
Nasdaq 100 Index Weekly	NDXP	NDX	NDX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15 ⁹	NDS Index	Opening price of Index on LTD+1
Russell 2000 Index	RUT	RTY	RUT	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15 ⁹	RLS Index	Opening price of Index on LTD+1
Russell 2000 Index Weekly	RUTW	RUW	RUT	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:00 ¹⁰	RLS Index	Close of the Underlying Index
MSCI Emerging Markets	MXEF	MXEF	MXEF	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15	EFS Index	Close of the Underlying Index LTD+1
VIX	VIX	VIX	VIX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15 ¹¹	VRO Index	SOQ of VIX opening prices on LTD+1
VIX Weekly	VIXW	VIX	VIX	Index	OPRA	✓	Full	USD	100 x Index	0.05	5	8:30	15:15			CST	Cash	European	17:00	15:15 ¹¹	VRO Index	SOQ of VIX opening prices on LTD+1
DAX	ODAX	DAX	DAX	Index	EUREX	✓	Full	EUR	5 x Index	0.1	0.5	8:50	17:30			CET	Cash	European	23:59	13:00	DAXS Index	XETRA Intra-Day Auction at 13:00
DAX Weekly	ODX1-ODX5	WDAXA-E	DAX	Index	EUREX	✓	Full	EUR	5 x Index	0.1	0.5	8:50	17:30			CET	Cash	European	23:59	13:00	DAXS Index	XETRA Intra-Day Auction at 13:00
MDAX	O2MX	MDAX	MDAX	Index	EUREX	✓	Full	EUR	5 x Index	0.1	0.5	8:50	17:30			CET	Cash	European	23:59	13:00	MDAXS Index	XETRA Intra-Day Auction at 13:00
EURO STOXX 50	OESX	SX5E	STOXX50E	Index	EUREX	✓	Full	EUR	10 x Index	0.1	1	8:50	17:30			CET	Cash	European	23:59	12:00	SX5E Index	Average of Index from 11:50-12:00
EURO STOXX 50 Weekly	OES1-OES5	WSX5EA-E	STOXX50E	Index	EUREX	✓	Full	EUR	10 x Index	0.1	1	8:50	17:30			CET	Cash	European	23:59	12:00	FSX5ES Index	Average of Index from 11:50-12:00
EURO STOXX 50 DIV	OEXD	DED	FE XD	Future	EUREX	✓	Full	EUR	1 Future	0.01	1	8:50	17:30			CET	Cash	European	23:59	12:00	DEDA Index	Expiry time from underlying future
EURO STOXX 50 MEE	OMSX	SX5EM	STOXX50E	Index	EUREX	✓	Full	EUR	10 x Index	0.1	1	8:50	17:30			CET	Cash	European	23:59	12:00	SX5EM Index	Average of Index from 11:50-12:00
Euro Stoxx Banks	OESB	SX7E	SX7E	Index	EUREX	✓	Full	EUR	50 x Index	0.05	2.5	8:50	17:30			CET	Cash	European	12:00	12:00	FESBS Index	Average of Index from 11:50-12:00
Stoxx Europe 600 Banks	OSTB	SXXP	SXXP	Index	EUREX	✓	Full	EUR	50 x Index	0.1	5	8:50	17:30			CET	Cash	European	12:00	12:00	SXXP Index	Average of Index from 11:50-12:00
Stoxx Europe 600 Oil Gas	OSTE	SXEP	SXEP	Index	EUREX	✓	Full	EUR	50 x Index	0.1	5	8:50	17:30			CET	Cash	European	12:00	12:00	SXEP Index	Average of Index from 11:50-12:00
Stoxx Europe 600 Resources	OSTS	SXPP	SXPP	Index	EUREX	✓	Full	EUR	50 x Index	0.1	5	8:50	17:30			CET	Cash	European	12:00	12:00	SXPP Index	Average of Index from 11:50-12:00
Stoxx Europe 600 Price	OXXP	SXXP	SXXP	Index	EUREX	✓	Full	EUR	50 x Index	0.1	5	8:50	17:30			CET	Cash	European	12:00	12:00	SXXP Index	Average of Index from 11:50-12:00
VSTOXX Future	OVS2	FVS	FVS	Future	EUREX	✓	Futures	EUR	1 Future	0.025	2.5	8:50	17:30			CET	Physical	American	17:30	12:00	FVS1 Index	Average of Index from 11:30-12:00
SMI	OSMI	SMI	SMI	Index	EUREX	✓	Full	CHF	10 x Index	0.1	1	8:50	17:30			CET	Cash	European	21:00	17:20 ⁹	SMISET Index	Opening price of the underlying index
SMI Mid	OSMM	S1	S1	Index	EUREX	✓	Full	CHF	10 x Index	0.1	1	8:50	17:30			CET	Cash	European	21:00	17:20 ⁹	SMIMSET Index	Opening price of the underlying index
CAC 40	PXA	CAC	CAC40	Index	EUR_PAR2	✓	Full	EUR	10 x Index	0.1	1	9:00	17:30			CET	Cash	European	23:59	16:00	CACSET Index	Avg of Index from 15:40-16:00
CAC 40 Weekly	1PX-5PX	CAC	CAC40	Index	EUR_PAR2	✓	Full	EUR	10 x Index	0.1	1	9:00	17:30			CET	Cash	European	23:59	16:00	CACSET Index	Avg of Index from 15:40-16:00
FTSE 100	ESX	UKX	FTSE100	Index	ICE_LIF	✓	Full	GBP	10 x Index	0.5	5	8:02	16:30			BST	Cash	European	23:59	10:15	UKXSP Index	LSE EDSP intra-day auction
AEX	AEX	AEX	AEX	Index	EUR_AMS2	✓	Full	EUR	100 x Index	0.05 ¹²	5	9:01	17:30			CET	Cash	European	23:59	16:00	AEXSET Index	Avg of Index from 15:30-16:00
AEX Mini	MOA	MFO	AEX	Index	EUR_AMS2	✓	Full	EUR	10 x Index	0.01	0.1	9:01	17:30			CET	Cash	European	23:59	16:00	AEXSET Index	Avg of Index from 15:30-16:00
AEX Daily ³	A01-A31	DAEX	AEX	Index	EUR_AMS2	✓	Full	EUR	100 x Index	0.05 ¹²	5	9:01	17:30			CET	Cash	European	23:59	16:00	AEXSET Index	Avg of Index from 15:30-16:00
AEX Weekly ⁶	AX1-AX5	WAEXA-E	AEX	Index	EUR_AMS2	✓	Full	EUR	100 x Index	0.05 ¹²	5	9:01	17:30			CET	Cash	European	23:59	16:00	AEXSET Index	Avg of Index from 15:30-16:00
IBEX 35 Mini	IBX	ID	IB	Future	MEFF	✓	Full	EUR	1 Future	1	1	9:00	17:35			CET	Cash	European	6:00	16:45	IDA Index	Avg of index between 16:15 and 16:45
FTSE MIB	MIBO	FTSEMIB	SPMIB.I	Index	IDEM		Full	EUR	2.5 x Index	1	2.5	9:00	17:50			CET	Cash	European	23:05	9:05	N/A	Opening price of the underlying index
FTSE MIB Weekly	MIBW1-5	FMIBA-E	SPMIB.I	Index	IDEM		Full	EUR	2.5 x Index	1	2.5	9:00	17:50			CET	Cash	European	23:05	9:05	N/A	Opening price of the underlying index
OMXS30	OMXSWE30	OMX	OMX	Index	SSE		Full	SEK	100 x Index	0.01	1	9:00	17:25			CET	Cash	European	23:59	17:25	OMX Index	N/A
OMX Oslo 20 GI	OMXO20GI	OMXO20GI	OMXO20GI	Index	SSE		Full	NOK	100 x Index	0.01	1	9:00	17:25			CET	Cash	European	23:59	17:25	OMXO20GI Index	N/A
OMXH25	OFOX	HEX25	HEX25	Index	EUREX	✓	Full	EUR	10 x Index	0.1	1	9:00	17:30			CET	Cash	European	23:59	17:30	OMXH25EX Index	VWAP of 08:40 until 17:30 CET.
Nikkei 225	NKY	NKY	NKY	Index	OSA		Full	JPY	1000 x Index	1	1,000	8:45	15:15	16:30	5:30	JST	Cash	European	4:30	15:15	NKYSQ Index	Opening price of Index on LTD+1

Single Stock Options:

US				Stock	OPRA	✓	Full	USD	100	0.01		8:30	16:00			EST	Physical	American	16:30	16:00	N/A	Expiry time from underlying future
Germany				Stock	EUREX	✓	Full	EUR	100	0.01		9:00	17:30			CET	Physical	American	18:00	17:30	N/A	Expiry time from underlying future
Netherlands				Stock	EUR_AMS2	✓	Full	EUR	10 or 100	0.01		9:00	17:30			CET	Physical	American	18:00	17:30	N/A	Expiry time from underlying future
Belgium				Stock	EUR_BRU2	✓	Full	EUR	100	0.01		9:00	17:30			CET	Physical	American	18:00	17:30	N/A	Expiry time from underlying future
Switzerland				Stock	EUREX	✓	Full	CHF	100 / 10 / 1	0.01		9:00	17:30			CET	Physical	American	18:00	17:30	N/A	Expiry time from underlying future
France				Stock	EUR_PAR2	✓	Full	EUR	100	0.01		9:00	17:30			CET	Physical	American	18:00	17:30	N/A	Expiry time from underlying future
UK				Stock	ICE_LIF	✓	Full	GBP	1000	0.25		8:00	16:30			BST	Physical	American	18:00	16:30	N/A	Expiry time from underlying future
Hong Kong				Stock	HKEX	✓	Full	HKD	Varies	0.01		9:30	12:00	13:00	16:00	HKT	Physical	American	17:00	16:00	N/A	Expiry time from underlying future
Italy				Stock	IDEM	✓	Full	EUR	100/500/1000	0.0005		9:00	17:40			CET	Physical	American	17:00	17:30	N/A	Expiry time from underlying future

Currencies:

EUR/USD 9am	EUU	EC	EC	Future	CME	✓	Full	USD	1 Future	0.0001	12.5	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future
EUR/USD Weekly 9am	1EU-5EU	1XA-5XA	EC	Future	CME	✓	Full	USD	1 Future	0.0001	12.5	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future
GBP/USD 9am	GBU	BP	BP	Future	CME	✓	Full	USD	1 Future	0.0001	6.25	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future
GBP/USD Weekly 9am	1BP-5BP	BGW	BP	Future	CME	✓	Full	USD	1 Future	0.0001	6.25	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future
CHF/USD 9am	CHU	SF	SF	Future	CME	✓	Full	USD	1 Future	0.0001	12.5	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future
EUR / GBP	RP	RP	RP	Future	CME	✓	Full	USD	1 Future	0.00005	6.25	17:00	16:00			CST	Physical	European	17:00	14:00		Expiry time from underlying future
CAD/USD 9am	CAU	CD	CD	Future	CME	✓	Full	USD	1 Future	0.0001	10.0	17:00	16:00			CST	Physical	European	17:00	9:00		Expiry time from underlying future

Contract Option Specifications

Name	Ticker	Bloomberg	Underlying		Exchange	Greeks	Premium Style ⁸	Ccy	Contract Size	Tick Size	Tick Value	Trading Hours (Exchange)				Time Zone	Settle Style	Rule of Exercise	Daily Exercise Cutoff ¹	Expiry Time ²	Settle Price on Bloomberg	Settlement Price
			Deliverable	Type								Open	Close	Open	Close							
CAD/USD Weekly 9am	1CD-5CD	1CA-5CA	CD	Future	CME	✓	Full	USD	1 Future	0.0001	10.0	17:00	16:00		CST	Physical	European	17:00	9:00		Expiry time from underlying future	
AUD/USD 9am	ADU	AD	AD	Future	CME	✓	Full	USD	1 Future	0.00005	5.0	17:00	16:00		CST	Physical	European	17:00	9:00		Expiry time from underlying future	
AUD/USD Weekly 9am	1AD-5AD	1AA-5AA	AD	Future	CME	✓	Full	USD	1 Future	0.00005	5.0	17:00	16:00		CST	Physical	European	17:00	9:00		Expiry time from underlying future	
JPY/USD 9am	JPU	JY	JY	Future	CME	✓	Full	USD	1 Future	0.000001	12.5	17:00	16:00		CST	Physical	European	17:00	9:00		Expiry time from underlying future	
JPY/USD Weekly 9am	1JY-5JY	JADW	JY	Future	CME	✓	Full	USD	1 Future	0.000001	12.5	17:00	16:00		CST	Physical	European	17:00	9:00		Expiry time from underlying future	
Dollar Index	ODX	DX	DX	Future	ICE - NYBOT	✓	Full	USD	1 Future	0.005	5	20:00	17:00		EST	Physical	American	16:00	17:00		Expiry time from underlying future	
<u>Bonds:</u>																						
US 2yr T-note (6%)	OZT	TU	ZT	Future	CME	✓	Full	USD	1 Future	1/128	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	TU	Close of the Underlying Future	
US 5yr T-note (6%)	OZF	FV	ZF	Future	CME	✓	Full	USD	1 Future	1/128	7.8125	17:00	16:00		CST	Physical	American	17:00	16:00	FV	Close of the Underlying Future	
US 5yr T-note Weekly	OZF1-OZF5	FVW	ZF	Future	CME	✓	Full	USD	1 Future	1/128	7.8125	17:00	16:00		CST	Physical	American	17:00	16:00	FV	Close of the Underlying Future	
US 10yr T-note (6%)	OZN	TY	ZN	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	TY	Close of the Underlying Future	
US 10yr Weekly	ZN1-ZN5	1M-5M	ZN	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	TY	Close of the Underlying Future	
Ultra US 10yr T-note	OTN	UXY	UXY	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	UXY	Close of the Underlying Future	
Ultra US 10yr T-note weekly	TN1-TN5	UXW	UXY	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	UXY	Close of the Underlying Future	
US T-Bond	OZB	US	ZB	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	US	Close of the Underlying Future	
US T-Bond Weekly	ZB1-ZB5	1C-5C	ZB	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	US	Close of the Underlying Future	
30-Days Federal Funds	OZQ	FF	ZQ	Future	CME	✓	Full	USD	1 Future	0.0025	10.4175	17:00	16:00		CST	Physical	American	17:00	16:00	FF	Close of the Underlying Future	
US Ultra T-bond	OUB	WN	UB	Future	CME	✓	Full	USD	1 Future	1/64	15.625	17:00	16:00		CST	Physical	American	17:00	16:00	WN	Close of the Underlying Future	
BOBL	OGBM	OE	FGBM	Future	EUREX	✓	Futures	EUR	1 Future	0.005	5	8:00	17:15		CET	Physical	American	16:30	17:15	OE	Expiry time from underlying future	
BUND	OGBL	RX	FGBL	Future	EUREX	✓	Futures	EUR	1 Future	0.01	10	8:00	17:15		CET	Physical	American	16:30	17:15	RX	Expiry time from underlying future	
BUND Weekly	OGB1-OGB5	RXW	FGBL	Future	EUREX	✓	Futures	EUR	1 Future	0.01	10	8:00	17:15		CET	Physical	American	16:30	17:15	RXW	Expiry time from underlying future	
Euro-BTP	OBTB	IK	FBBT	Future	EUREX	✓	Futures	EUR	1 Future	0.01	10	8:00	17:15		CET	Physical	American	16:30	17:15	IK	Expiry time from underlying future	
SCHATZ	OGBS	DU	FGBS	Future	EUREX	✓	Futures	EUR	1 Future	0.005	5	8:00	17:15		CET	Physical	American	16:30	17:15	DU	Expiry time from underlying future	
Euro Buxl	OGBX	UB	FGBX	Future	EUREX	✓	Futures	EUR	1 Future	0.02	20	8:00	17:15		CET	Physical	American	16:30	17:15	UB	Expiry time from underlying future	
JGB 10yr (6%)	OJGB	JB	JGB1	Future	OSA		Full	JPY	1 Future	0.01	10,000	8:45	15:02	15:30	5:30	JST	Physical	American	16:30	15:15	JB	Expiry time from underlying future
<u>STIR:</u>																						
Eurodollar	GE	ED	GE	Future	CME	✓	Full	USD	1 Future	0.0025	6.25	17:00	16:00		CST	Physical	American	17:00	16:00	ED	Expiry time from underlying future	
Eurodollar Mid Curves	GEO-GE5	0EA-5EA	GE	Future	CME	✓	Full	USD	1 Future	0.0025	6.25	17:00	16:00		CST	Physical	American	17:00	16:00	ED	Expiry time from underlying future	
3m Euribor	I	ER	FEI	Future	ICE_LIF	✓	Futures	EUR	1 Future	0.005	12.5	7:02	18:00		BST	Physical	American	10:15	10:00	ER	EBF Euribor @ 10:00 GMT	
3m Euribor Mid Curves	I0-I5	0RA-SRA	FEI	Future	ICE_LIF	✓	Futures	EUR	1 Future	0.005	12.5	7:02	18:00		BST	Physical	American	10:15	10:00	ER	EBF Euribor @ 10:00 GMT	
3m SONIA	SONIA	SFI	SO3	Future	ICE_LIF	✓	Futures	GBP	1 Future	0.0025	6.25	7:30	18:00		BST	Physical	American	16:00	15:15	SFI	Expiry time from underlying future	
30-Day Fed Funds	OZQ	FF	ZQ	Future	CBOT	✓	Full	USD	1 Future	0.0025	10.4175	17:00	16:00		CST	Physical	American	17:00	16:00	FF	Average of daily Fed Funds overnight rate	

¹ The time, where we at the latest will notify the broker about exercise requests on American options. Our broker have a similar to the exchange. Any exercise requests initiated after this time will be processed the next day; if not last trading day.

² Expiry time is the last time where an option contract can be traded on last trading day. Exchange time.

³ Serial options will be exercised into futures and quarterly options will cash settle.

⁴ Quarterly options expire at 08:30 CST, same time as the future, and settle in cash.

⁵ AEX daily options are listed on the business day prior to the expiry day, so the initial lifetime of daily options are two business days. There is no daily option expiring on Friday because there are already weekly or monthly options expiring. The trading symbol is directly linked to the date on which the option expires. For example, the daily option that expires on Wednesday February 6th has the trading symbol "A6" and is available for trading from Tuesday February 5th.

⁶ Weekly option symbols always start with AX, followed by the week of the expiry, so either 1, 2, 4 or 5. There is no separate AEX weekly option class expiring on the third Friday of the month, as the week leading up to that day is the last week of trading in the AEX monthly options expiring that month.

⁷ Japanese government bonds actually has three sessions, they are: 8:45 to 11:00, then from 12:30 to 15:00 and then from 15:30 to 23:25 JST.

⁸ There are two different ways to calculate margins on our options. The first is full premium, which means you're paying the premium up front and it will be charged to your cash balance. The second way to do this is futures style premium, which you can translate to variation margin, like on futures contracts. Totality Wealth Limited will treat future style premium options as deferred premium. As such, other than market conventions, unrealized profit/loss is not processed in the clients cash balance on a daily basis. Instead, the original premium amount will remain on the transactions not booked until final settlement of the option or when the position is closed. For more information see the Sales Kit for Contract Options.

⁹ Trading in Index options will ordinarily cease on the business day (usually a Thursday) preceding the day on which the exercise-settlement value is calculated.

¹⁰ Trading in End of Week SPX options ordinarily cease trading on the business day (usually a Friday) that the options expire.

¹¹ Last trade day is the Tuesday prior to the Expiration Date of each month.

¹² Tick size is 0.01 for prices below 1.5 and 0.05 above 1.55

¹³ Settlement price is the CME Lean Hog Index price on the day after last trading day, as the final settlement price is calculated over two days.

Contract Option Specifications

Name	Ticker	Bloomberg	Underlying	Exchange	Greeks	Premium Style ^a	Ccy	Contract Size	Tick Size	Tick Value	Trading Hours (Exchange)				Time Zone	Settle Style	Rule of Exercise	Daily Exercise Cutoff ¹	Expiry Time ²	Settle Price on Bloomberg	Settlement Price
Deliverable Type											Open	Close	Open	Close							

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