

KELER CCP's Announcement – No. 30/2018.

Margin requirements
Budapest Stock Exchange
Share Section

Effective from: 31 May 2018

Based on KELER CCP's General Business Rules, KELER CCP Ltd. has approved the margin requirements for the following products listed below. The requirements will become **effective from 31 May 2018**.

SPAN parameters

Product	Combined code	Trading months	Price change range (+/-)	Initial margin to maximum price change for derivatives products (HUF/contract)	Spread between trading months	Spread parameters between trading months	Additional margin for delivery month	
				HUF	%	HUF	%	HUF
BUMIX	B57	all trading months	300 HUF	30 000	70	18 000	0	0
BUX	B21	all t.m.	2 400 HUF	24 000	70	14 400	0	0
OTPBUXETF	B63	all t.m.	140 HUF	140 000	70	84 000	30	42 000
4IG	B59	all t.m.	570 HUF	57 000	70	34 200	50	28 500
ALTEO	B85	all t.m.	80 HUF	8 000	40	9 600	50	4 000
ALTERA	B88	all t.m.	180 HUF	18 000	0	36 000	50	9 000
Állami Nyomda	B60	all t.m.	130 HUF	130 000	60	104 000	50	65 000
APPENINN	B72	all t.m.	210 HUF	210 000	0	420 000	50	105 000
BIF	B58	all t.m.	400 HUF	400 000	70	240 000	50	200 000
CIG PANNÓNIA	B71	all t.m.	100 HUF	100 000	70	60 000	50	50 000
DUNA HOUSE	B86	all t.m.	400 HUF	40 000	40	48 000	50	20 000
ELMÜ	B53	all t.m.	2 500 HUF	125 000	40	150 000	50	62 500
ÉMÁSZ	B48	all t.m.	2 500 HUF	250 000	40	300 000	50	125 000
ENEFI	B68	all t.m.	40 HUF	4 000	70	2 400	50	2 000
FHB	B52	all t.m.	65 HUF	65 000	80	26 000	50	32 500
Forrás OE.	B65	all t.m.	220 HUF	110 000	70	66 000	50	55 000
Forrás T.	B66	all t.m.	480 HUF	240 000	70	144 000	50	120 000
Graphisoft Park	B62	all t.m.	300 HUF	300 000	70	180 000	50	150 000
KONZUM	B89	all t.m.	1 100 HUF	110 000	0	220 000	50	55 000
MASTERPLAST	B87	all t.m.	70 HUF	70 000	0	140 000	50	35 000
MOL	B22	all t.m.	250 HUF	100 000	80	40 000	30	30 000
MTELEKOM	B23	all t.m.	23 HUF	23 000	70	13 800	30	6 900
OTP	B25	all t.m.	920 HUF	184 000	80	73 600	30	55 200
Opus	B49	all t.m.	200 HUF	1 000 000	70	600 000	50	500 000
Pannergy	B34	all t.m.	140 HUF	350 000	70	210 000	50	175 000
Rába	B36	all t.m.	150 HUF	150 000	70	90 000	50	75 000

Product	Combined code	Trading months	Price change range (+/-)	Initial margin to maximum price change for derivatives products (HUF/contract)	Spread between trading months	Spread parameters between trading months	Additional margin for delivery month	
				HUF	%	HUF	%	HUF
Richter	B26	all t.m.	650 HUF	325 000	70	195 000	30	97 500
Waberer's	B90	all t.m.	1 596 HUF	159 600	0	319 200	50	79 800
Zwack	B38	all t.m.	1 600 HUF	160 000	50	160 000	50	80 000

Note:

- Short option minimum price is 10% of initial margin for all option products.
- Volatility scan range for all option products (+/-) 10%.
- Method of margining: **Netting**.

Spread between trading months as follows:

- 80% for OTP, MOL and FHB
- 60% for Állami Nyomda
- 70% for other contracts
- 50% for ZWACK
- 40% for ALTEO, Duna House, ELMŰ and ÉMÁSZ
- 0% for ALTERA, APPENINN, KONZUM, MASTERPLAST and WABERER'S

Additional margin for delivery month:

- Additional margin for delivery month is 30% for OTPBUXETF, MOL, MTELEKOM, OTP, RICHTER, and 50% for all other unique share contracts.
- Additional margin for delivery month is used for physical futures shares in the last 4 trading days and in the delivery cycle.

Spread between products:

Serial number	Spread products	Ratio	Spread %
1	BUX-OTP	8:1	70%
2	BUX-MOL	5:1	60%

Budapest, 29 May 2018

KELER CCP Ltd.