

Table of Swap Points TMS Prime

Valid from 2018.09.10 - 2018.09.16. Swap points are published in the minimum quotation step for the financial instrument.

Instrument	long swap	short swap
EURUSD.pro	-10.3231	5.0815
CADCHF.pro	2.9314	-6.4077
CADJPY.pro	1.8959	-5.5947
CHFJPY.pro	-4.7413	-0.4441
EURCAD.pro	-11.4471	4.2825
EURCHF.pro	-1.4082	-4.0526
EURGBP.pro	-4.7459	0.8178
EURJPY.pro	-3.8230	-2.0009
GBPCAD.pro	-7.1103	-0.1373
GBPCHF.pro	2.6184	-8.1610
GBPJPY.pro	0.5148	-6.3835
GBPUSD.pro	-7.2257	1.9440
USDCAD.pro	-0.9154	-4.8704
USDCHF.pro	5.4053	-9.8250
USDJPY.pro	4.2586	-8.9491
AUDCHF.pro	3.3681	-7.0739
AUDCAD.pro	-1.3038	-3.5732
AUDJPY.pro	2.4833	-6.4614
AUDNZD.pro	-3.3280	-3.0259
AUDUSD.pro	-1.9978	-1.5826
CHFPLN.pro	-3.5050	1.5271

EURAUD.pro	-14.6759	6.0064
EURCZK.pro	-1.7448	0.3063
EURHUF.pro	-1.1270	-0.5592
EURNOK.pro	-5.3367	0.8896
EURNZD.pro	-16.2309	6.7888
EURPLN.pro	-3.4400	1.2168
EURSEK.pro	-2.2972	-3.1411
EURTRY.pro	-557.1357	332.0021
GBPAUD.pro	-10.3480	1.4684
GBPNZD.pro	-11.5457	1.8743
GBPPLN.pro	-2.2388	-0.0313
NZDJPY.pro	2.3806	-6.0332
NZDUSD.pro	-1.7434	-1.5438
USDCZK.pro	0.0000	-1.1752
USDHUF.pro	0.9344	-2.3057
USDNOK.pro	1.0941	-4.6799
USDPLN.pro	-0.4365	-1.3705
USDSEK.pro	4.1689	-8.5910
USDTRY.pro	-437.1201	244.5871
EURZAR.pro	-61.2441	14.3068
USDZAR.pro	-42.5685	2.4881
SILVER.pro	-0.9306	0.6315
GOLD.pro	-7.8293	5.3089
COPPER.pro	-0.3852	0.2612
EURUSD.std	-12.2527	3.1518

CADCHF.std	1.7015	-7.6379
CADJPY.std	0.4915	-6.9992
CHFJPY.std	-6.6442	-2.3471
EURCAD.std	-13.9910	1.7384
EURCHF.std	-3.2858	-5.9302
EURGBP.std	-6.2273	-0.6636
EURJPY.std	-5.9667	-4.1447
GBPCAD.std	-9.9331	-2.9603
GBPCHF.std	0.5351	-10.2444
GBPJPY.std	-1.8640	-8.7623
GBPUSD.std	-9.3669	-0.1972
USDCAD.std	-3.1125	-7.0676
USDCHF.std	3.7838	-11.4466
USDJPY.std	2.4071	-10.8006
AUDCHF.std	2.2134	-8.2288
AUDCAD.std	-2.8685	-5.1380
AUDJPY.std	1.1648	-7.7799
AUDNZD.std	-5.1433	-4.8414
AUDUSD.std	-3.1846	-2.7695
CHFPLN.std	-4.1386	0.8932
EURAUD.std	-17.3854	3.2967
EURCZK.std	-2.1722	-0.1211
EURHUF.std	-1.6679	-1.1003
EURNOK.std	-6.9539	-0.7278
EURNZD.std	-19.1821	3.8371

EURPLN.std	-4.1538	0.5029
EURSEK.std	-4.0420	-4.8860
EURTRY.std	-563.3654	325.7665
GBPAUD.std	-13.3545	-1.5384
GBPNZD.std	-14.8204	-1.4009
GBPPLN.std	-3.0307	-0.8235
NZDJPY.std	1.1701	-7.2438
NZDUSD.std	-2.8330	-2.6336
USDCZK.std	-0.3690	-1.5444
USDHUF.std	0.4672	-2.7730
USDNOK.std	-0.3026	-6.0769
USDPLN.std	-1.0529	-1.9871
USDSEK.std	2.6621	-10.0981
USDTRY.std	-442.4982	239.2056
EURZAR.std	-62.7086	12.8418
USDZAR.std	-43.8333	1.2230
SILVER.std	-1.0489	0.5131
GOLD.std	-8.8246	4.3135
COPPER.std	-0.4341	0.2123
3M	-2.7350	0.0000
AMAZON	-25.1115	0.0000
AIG	-0.6904	0.0000
APPLE	-2.8483	0.0000
AT&T	-0.4132	0.0000
BABA	-2.0887	0.0000

BOEING	-4.4950	0.0000
CHEVRON	-1.4742	0.0000
CISCO	-0.6054	0.0000
CITI	-0.8957	0.0000
COCACOLA	-0.5883	0.0000
EBAY	-0.4372	0.0000
EXXONM	-1.0527	0.0000
FACEBOOK	-2.0976	0.0000
GE	-0.1596	0.0000
GMOTORS	-0.4363	0.0000
GOOGLE	-15.1494	0.0000
IBM	-1.8713	0.0000
INTEL	-0.5978	0.0000
J&J	-1.7674	0.0000
JPMORGAN	-1.4705	0.0000
MCDONALD	-2.1085	0.0000
MICROSFT	-1.3929	0.0000
PFIZER	-0.5430	0.0000
P&G	-1.0536	0.0000
STBUCKS	-0.7057	0.0000
WALMART	-1.2330	0.0000
GOLDMAN	-3.0094	0.0000
UPS	-1.5823	0.0000
ALCOA	-0.5273	0.0000
AMERICANEXP	-1.3646	0.0000

BOA	-0.3970	0.0000
CATERPILLAR	-1.8181	0.0000
SNAP	-0.1279	0.0000
DISNEY	-1.4276	0.0000
FORD	-0.1192	0.0000
FEDEX	-3.1644	0.0000
HARLEY-DAVI	-0.5708	0.0000
HP	-0.2128	0.0000
NIKE	-1.0330	0.0000
PEPSI	-1.4503	0.0000
PM	-1.0111	0.0000
TWITTER	-0.3922	0.0000
VISA	-1.8425	0.0000
PAYPAL	-1.1428	0.0000
TESLA	-3.3862	0.0000
NETFLIX	-4.4860	0.0000
BASF	-4.4767	0.0000
DTELEKOM	-0.7959	0.0000
ALLIANZ	-10.6551	0.0000
BAYER	-4.2884	0.0000
BEIERSDO	-5.7299	0.0000
DAIMLERC	-3.1796	0.0000
DBANK	-0.5657	0.0000
SIEMENS	-6.3510	0.0000
LUFTHANS	-1.3012	0.0000

CECONOMY	-0.3760	0.0000
ADIDAS	-12.0703	0.0000
BMW	-4.7328	0.0000
COMMERZBANK	-0.4918	0.0000
CONTINENTAL	-8.8159	0.0000
HENKEL	-6.1843	0.0000
RWE	-1.2901	0.0000
THYSSEN	-1.1173	0.0000
VOLKSWAGEN	-7.8831	0.0000
BARCLAYS	-1.5601	0.0000
GSK	-13.4361	0.0000
M&S	-2.5799	0.0000
RBS	-2.2034	0.0000
ROLLS-ROYCE	-8.5714	0.0000
RIOTINTO	-31.1375	0.0000
SHELL	-21.5391	0.0000
STAN	-5.4648	0.0000
TESCO	-2.1115	0.0000
UNILEVER	-37.5277	0.0000
VODAFONE	-1.4707	0.0000
SANTANDER	-0.2484	0.0000
TELEFONICA	-0.3973	0.0000
BBVA	-0.3061	0.0000
IBERDOLA	-0.3687	0.0000
REPSOL	-0.9573	0.0000

CAIXABANK	-0.2348	0.0000
ABERTIS	-1.0695	0.0000
GASNATURAL	-1.3725	0.0000
REDELECTRIC	-1.0661	0.0000
GRIFOLS	-1.4211	0.0000
BANKINTER	-0.4509	0.0000
MAPFRE	-0.1473	0.0000
ACS	-2.0655	0.0000
AMADEUS	-4.4808	0.0000
INDITEX	-1.4673	0.0000
ACERINOX	-0.6588	0.0000
AENA	-8.3948	0.0000
BANKIA	-0.1964	0.0000
IAG	-0.4354	0.0000
SACYR	-0.1441	0.0000
TECNICAS	-1.6380	0.0000
ASHR.ETF	-0.3092	-0.0247
DBA.ETF	-0.2198	-0.0175
DBC.ETF	-0.2205	-0.0176
EEM.ETF	-0.5345	-0.0426
EFA.ETF	-0.8416	-0.0671
EWA.ETF	-0.2759	-0.0220
EWV.ETF	-0.6335	-0.0505
EWY.ETF	-0.8353	-0.0666
EWZ.ETF	-0.4177	-0.0333

FXI.ETF	-0.5263	-0.0419
GLD.ETF	-1.4563	-0.1161
HYG.ETF	-1.1026	-0.0879
IVV.ETF	-3.7255	-0.2968
IYR.ETF	-1.0556	-0.0841
OIH.ETF	-0.2984	-0.0238
SLV.ETF	-0.1712	-0.0137
SPY.ETF	-3.6990	-0.2947
SSO.ETF	-1.5956	-0.1272
SVXY.ETF	-0.1767	-0.0141
TBT.ETF	-0.4779	-0.0381
VNQ.ETF	-1.0660	-0.0850
VXX.ETF	-0.3971	-0.0317
XHB.ETF	-0.5143	-0.0410
XLB.ETF	-0.7590	-0.0605
XLE.ETF	-0.9364	-0.0746
XLF.ETF	-0.3642	-0.0290
XLI.ETF	-0.9981	-0.0795
XLP.ETF	-0.6992	-0.0557
XLU.ETF	-0.6958	-0.0555
XLV.ETF	-1.1904	-0.0949
XLY.ETF	-1.4868	-0.1185
BITCOIN	-122.4020	-53.2653
BTCUSD	-436.7010	-367.6178
ETHUSD	-136.0405	-114.5734

LTCUSD	-37.5914	-31.6802
BCHUSD	-33.2334	-27.9912
XRPUSD	-18.9798	-16.0038

The maximum size of the interest rate margin for calculating swap points has been specified in the TMS Fee and Commission Table.

To establish the above-mentioned Swap Points, TMS applied a margin in the amount of:

TMS Prime	
The amount of interest rate commission in order to swap points calculation	
EURTRY.std, USDTRY.std, EURZAR.std, USDZAR.std, EURTRY.pro, USDTRY.pro, EURZAR.pro, USDZAR.pro	4,00%
Stocks and ETF's	2,50%
Other FX(.pro), COPPER.pro, GOLD.pro, SILVER.pro	0,35%
Other FX(.std), COPPER.std, GOLD.std, SILVER.std	0,65%
BITCOIN	5,00%
EURTRY.std, USDTRY.std, EURZAR.std, USDZAR.std, EURTRY.pro, USDTRY.pro, EURZAR.pro, USDZAR.pro	4,00%
BTCUSD, ETHUSD, LTCUSD, BCHUSD, XRPUSD	23,00%

Formulas for calculating CFD swap points based on currencies, cryptocurrencies, gold, silver and copper (swap points for CFDs based on cryptocurrencies, gold, silver, copper, DE30., US100., FR40., US500., GB100., US30., EU50., ES35., IT40. and CH20. are calculated based on the formula used to determine swap points for currency instruments, with the reservation, however, that the interest rate is determined only for one currency in which the underlying instrument is quoted).

$$long\ swap = -(spot_{BID} \times \frac{(1 + (\text{deposit rate of quoted currency}_{ASK} + \text{markup}) \times \frac{1}{T})}{(1 + (\text{deposit rate of base currency}_{BID} - \text{markup}) \times \frac{1}{T})} - spot_{BID}) \times multiplier$$

$$short\ swap = (spot_{ASK} \times \frac{(1 + (\text{deposit rate of quoted currency}_{BID} - \text{markup}) \times \frac{1}{T})}{(1 + (\text{deposit rate of base currency}_{ASK} + \text{markup}) \times \frac{1}{T})} - spot_{ASK}) \times multiplier$$

long swap - the value of swap points calculated for long position;

short swap – the value of swap points calculated for a short position;

spot BID,ASK – exchange rate of a given currency pair in the moment of calculating BID or ASK swap points;

markup – the amount of commission that TMS EUROPE imposes on the interest rate;

T - means the number of days according to the convention adopted for a given currency (eg for USD, the year has 360 days, while for PLN 365 days);

multiplier - the coefficient resulting from the minimum step of quotations, e.g. for EURUSD, the minimum step of quotations is 0.00001, therefore the multiplier for the calculation of swap points will be 100 000;

deposit rate of base/quoted currency BID,ASK - for calculating swap points, TMS EUROPE accepts quotes from the interbank market based on the instruments presented in the table below:

Currency	Bloomberg ticker	Day counting convention (T)	Deposit rate
EUR	EUDR1Z CMPN Curncy	360	Euro 1 Week Deposit
USD	USDR1Z CMPN Curncy	360	United States Dollar 1 Week Deposit
PLN	PZDR1Z CMPN Curncy	365	Polish Zloty 1 Week Deposit
CAD	CDDR1Z CMPN Curncy	360	Canadian Dollar 1 Week Deposit
JPY	JYDR1Z CMPN Curncy	360	Japanese Yen 1 Week Deposit
GBP	BPDR1Z CMPN Curncy	365	British Pound 1 Week Deposit
CHF	SFDR1Z Curncy	360	Swiss Franc 1 Week Deposit
AUD	ADDR1Z CMPN Curncy	360	Australian Dollar 1 Week Deposit
NZD	NDDR1Z CMPN Curncy	360	New Zealand Dollar 1 Week Deposit
CZK	CKDR1Z Curncy	360	Czech Koruna 1 Week Deposit
SEK	SKDR1Z Curncy	360	Swedish Krona 1 Week Deposit
NOK	NKDR1Z Curncy	360	Norwegian Krone 1 Week Deposit

ZAR	SADR1Z CURRENCY	360	South African Rand 1 Week Deposit
HUF	HFDR1Z Curncy	360	Hungarian Forint 1 Week Deposit
RON	RNDR1Z CMPN Curncy	360	Romanian Leu 1 Week Deposit
HKD	HDDR1Z Curncy	360	Hong Kong Dollar 1 Week Deposit
TRY	TYDR1Z CMPN Curncy	360	Turish Lira 1 Week Deposit
MXN	MXNI1M CMPN Curncy	360	Mexican Peso 1 Month Froward Implied Yield

Example.

Calculation for EURUSD

spot BID : 1,2114

spot ASK : 1,2115

T: 360

Markup: 0,65%

deposit rate of base currency BID : -0,5%

deposit rate of base currency ASK : -0,37%

deposit rate of quoted currency BID : 1,74%

deposit rate of quoted currency ASK : 1,82%

$$long\ swap = - \left(1,2114 \times \frac{\left(1 + (1,82\% + 0,65\%) \times \frac{1}{360} \right)}{\left(1 + ((-0,5\%) - 0,65\%) \times \frac{1}{360} \right)} - 1,2114 \right) \times 100000 = -12,1817$$

$$short\ swap = \left(1,2115 \times \frac{\left(1 + (1,74\% - 0,65\%) \times \frac{1}{360} \right)}{\left(1 + ((-0,37\%) + 0,65\%) \times \frac{1}{360} \right)} - 1,2115 \right) \times 100000 = 2,7259$$

Formulas for calculation of swap points for CFD based on value of shares and ETFs. If for the CFDs based on the value of shares the swap points for the short position are negative, we assume the value 0.

$$long\ swap = -spot_{BID} \left((deposit\ rate + markup) \times \frac{1}{T} \right) \times multiplier$$

$$short\ swap = spot_{ASK} \left((deposit\ rate - markup) \times \frac{1}{T} \right) \times multiplier$$

long swap - the value of swap points calculated for long position;

short swap – the value of swap points calculated for a short position;

spot BID,ASK – exchange rate of a given currency pair in the moment of calculating BID or ASK swap points;

markup – the amount of commission that TMS EUROPE imposes on the interest rate;

T - means the number of days according to the convention adopted for a given currency (eg for USD, the year has 360 days, while for PLN 365 days);

multiplier - the coefficient resulting from the minimum step of quotations, e.g. for EURUSD, the minimum step of quotations is 0.00001, therefore the multiplier for the calculation of swap points will be 100,000;

deposit rate of quoted currency BID,ASK - for calculating swap points, TMS EUROPE accepts quotes from the interbank market based on the instruments presented in the table below:

Currency	Bloomberg ticker	Day counting convention (T)	Deposit rate
USD	US0001M Index	360	ICE LIBOR USD 1 Month
EUR	EE0001M Index	360	ICE LIBOR EUR 1 Month
PLN	WIBR1M Index	365	GPW Benchmark WIBOR PLN 1 Month
GBP	BP0001M Index	365	ICE LIBOR GBO 1 Month