

Table of Swap Points TMS Prime

Valid from 2018.09.17 - 2018.09.23. Swap points are published in the minimum quotation step for the financial instrument.

Instrument	long swap	short swap
EURUSD.pro	-10.1992	5.2618
CADCHF.pro	2.8812	-6.4328
CADJPY.pro	1.9346	-5.8523
CHFJPY.pro	-4.6256	-0.5480
EURCAD.pro	-11.2583	4.3224
EURCHF.pro	-1.2186	-3.8122
EURGBP.pro	-4.5782	0.9310
EURJPY.pro	-3.5534	-1.9762
GBPCAD.pro	-7.2403	-0.2921
GBPCHF.pro	2.6380	-8.0974
GBPJPY.pro	0.6579	-6.6469
GBPUSD.pro	-7.3058	1.9583
USDCAD.pro	-1.0129	-4.9199
USDCHF.pro	5.3609	-9.6638
USDJPY.pro	4.3857	-9.1141
AUDCHF.pro	3.3657	-7.0121
AUDCAD.pro	-1.3757	-3.6343
AUDJPY.pro	2.5893	-6.6299
AUDNZD.pro	-3.3368	-2.1845
AUDUSD.pro	-2.0132	-1.5948
CHFPLN.pro	-3.4282	1.4838

EURAUD.pro	-14.3929	6.2043
EURCZK.pro	-1.6905	0.3360
EURHUF.pro	-1.2454	-0.5733
EURNOK.pro	-4.4969	-0.0665
EURNZD.pro	-15.9655	8.4033
EURPLN.pro	-3.3129	1.2205
EURSEK.pro	-2.1518	-2.9812
EURTRY.pro	-582.0746	264.0133
GBPAUD.pro	-10.3829	1.4617
GBPNZD.pro	-11.6167	3.4236
GBPPLN.pro	-2.1891	-0.0880
NZDJPY.pro	3.0450	-6.1727
NZDUSD.pro	-1.2409	-1.5514
USDCZK.pro	0.0000	-1.1593
USDHUF.pro	0.7819	-2.3388
USDNOK.pro	1.5978	-5.5021
USDPLN.pro	-0.3921	-1.3984
USDSEK.pro	4.1157	-8.5082
USDTRY.pro	-457.6823	184.8401
EURZAR.pro	-58.5782	13.5099
USDZAR.pro	-40.2768	1.6287
SILVER.pro	-0.9294	0.6307
GOLD.pro	-7.8513	5.3238
COPPER.pro	-0.3864	0.2620
EURUSD.std	-12.1420	3.3190

CADCHF.std	1.6464	-7.6679
CADJPY.std	0.5016	-7.2854
CHFJPY.std	-6.5597	-2.4823
EURCAD.std	-13.7884	1.7922
EURCHF.std	-3.0934	-5.6871
EURGBP.std	-6.0515	-0.5424
EURJPY.std	-5.7290	-4.1519
GBPCAD.std	-10.0630	-3.1152
GBPCHF.std	0.5463	-10.1892
GBPJPY.std	-1.7694	-9.0744
GBPUSD.std	-9.4734	-0.2093
USDCAD.std	-3.1833	-7.0903
USDCHF.std	3.7526	-11.2721
USDJPY.std	2.5195	-10.9804
AUDCHF.std	2.2118	-8.1663
AUDCAD.std	-2.9332	-5.1918
AUDJPY.std	1.2500	-7.9692
AUDNZD.std	-5.1570	-4.0048
AUDUSD.std	-3.2092	-2.7908
CHFPLN.std	-4.0612	0.8505
EURAUD.std	-17.1002	3.4970
EURCZK.std	-2.1149	-0.0884
EURHUF.std	-1.7869	-1.1149
EURNOK.std	-6.0935	-1.6633
EURNZD.std	-18.9222	5.4461

EURPLN.std	-4.0250	0.5083
EURSEK.std	-3.8965	-4.7263
EURTRY.std	-588.1449	257.9302
GBPAUD.std	-13.4033	-1.5590
GBPNZD.std	-14.9156	0.1243
GBPPLN.std	-2.9834	-0.8827
NZDJPY.std	1.8188	-7.3990
NZDUSD.std	-2.3359	-2.6465
USDCZK.std	-0.3640	-1.5234
USDHUF.std	0.3174	-2.8034
USDNOK.std	0.2283	-6.8718
USDPLN.std	-1.0029	-2.0094
USDSEK.std	2.6191	-10.0052
USDTRY.std	-462.8871	179.6270
EURZAR.std	-60.0383	12.0492
USDZAR.std	-41.5292	0.3758
SILVER.std	-1.0475	0.5124
GOLD.std	-8.8494	4.3256
COPPER.std	-0.4355	0.2129
3M	-2.6948	0.0000
AMAZON	-25.5021	0.0000
AIG	-0.6906	0.0000
APPLE	-2.8975	0.0000
AT&T	-0.4354	0.0000
BABA	-2.1347	0.0000

BOEING	-4.6629	0.0000
CHEVRON	-1.5209	0.0000
CISCO	-0.6141	0.0000
CITI	-0.9143	0.0000
COCACOLA	-0.5959	0.0000
EBAY	-0.4417	0.0000
EXXONM	-1.0743	0.0000
FACEBOOK	-2.1029	0.0000
GE	-0.1644	0.0000
GMOTORS	-0.4487	0.0000
GOOGLE	-15.2607	0.0000
IBM	-1.9219	0.0000
INTEL	-0.5900	0.0000
J&J	-1.8077	0.0000
JPMORGAN	-1.4708	0.0000
MCDONALD	-2.0841	0.0000
MICROSFT	-1.4687	0.0000
PFIZER	-0.5567	0.0000
P&G	-1.0832	0.0000
STBUCKS	-0.7093	0.0000
WALMART	-1.2254	0.0000
GOLDMAN	-2.9702	0.0000
UPS	-1.5610	0.0000
ALCOA	-0.5543	0.0000
AMERICANEXP	-1.4198	0.0000

BOA	-0.3934	0.0000
CATERPILLAR	-1.8774	0.0000
SNAP	-0.1204	0.0000
DISNEY	-1.4153	0.0000
FORD	-0.1226	0.0000
FEDEX	-3.3095	0.0000
HARLEY-DAVI	-0.5736	0.0000
HP	-0.2148	0.0000
NIKE	-1.0818	0.0000
PEPSI	-1.4844	0.0000
PM	-1.0278	0.0000
TWITTER	-0.3901	0.0000
VISA	-1.9155	0.0000
PAYPAL	-1.1761	0.0000
TESLA	-3.8239	0.0000
NETFLIX	-4.7235	0.0000
BASF	-4.5374	0.0000
DTELEKOM	-0.8063	0.0000
ALLIANZ	-10.8454	0.0000
BAYER	-4.1895	0.0000
BEIERSDO	-5.7198	0.0000
DAIMLERC	-3.2394	0.0000
DBANK	-0.5717	0.0000
SIEMENS	-6.3653	0.0000
LUFTHANS	-1.3343	0.0000

CECONOMY	-0.3933	0.0000
ADIDAS	-12.1915	0.0000
BMW	-4.8164	0.0000
COMMERZBANK	-0.5178	0.0000
CONTINENTAL	-8.8410	0.0000
HENKEL	-6.0285	0.0000
RWE	-1.2519	0.0000
THYSSEN	-1.1127	0.0000
VOLKSWAGEN	-8.3148	0.0000
BARCLAYS	-1.5083	0.0000
GSK	-13.0674	0.0000
M&S	-2.5236	0.0000
RBS	-2.1791	0.0000
ROLLS-ROYCE	-8.5979	0.0000
RIOTINTO	-31.7321	0.0000
SHELL	-21.7907	0.0000
STAN	-5.3616	0.0000
TESCO	-2.0660	0.0000
UNILEVER	-37.4514	0.0000
VODAFONE	-1.4852	0.0000
SANTANDER	-0.2527	0.0000
TELEFONICA	-0.3910	0.0000
BBVA	-0.3214	0.0000
IBERDOLA	-0.3679	0.0000
REPSOL	-0.9923	0.0000

CAIXABANK	-0.2417	0.0000
ABERTIS	-1.0695	0.0000
GASNATURAL	-1.3729	0.0000
REDELECTRIC	-1.0572	0.0000
GRIFOLS	-1.3858	0.0000
BANKINTER	-0.4558	0.0000
MAPFRE	-0.1493	0.0000
ACS	-2.1886	0.0000
AMADEUS	-4.6123	0.0000
INDITEX	-1.5419	0.0000
ACERINOX	-0.6876	0.0000
AENA	-8.7036	0.0000
BANKIA	-0.1996	0.0000
IAG	-0.4500	0.0000
SACYR	-0.1528	0.0000
TECNICAS	-1.5881	0.0000
ASHR.ETF	-0.3076	-0.0221
DBA.ETF	-0.2211	-0.0159
DBC.ETF	-0.2229	-0.0160
EEM.ETF	-0.5434	-0.0391
EFA.ETF	-0.8649	-0.0622
EWA.ETF	-0.2831	-0.0204
EWV.ETF	-0.6611	-0.0475
EWY.ETF	-0.8623	-0.0620
EWZ.ETF	-0.4052	-0.0291

FXI.ETF	-0.5344	-0.0384
GLD.ETF	-1.4642	-0.1053
HYG.ETF	-1.1187	-0.0804
IVV.ETF	-3.7965	-0.2729
IYR.ETF	-1.0655	-0.0766
OIH.ETF	-0.3138	-0.0226
SLV.ETF	-0.1713	-0.0123
SPY.ETF	-3.7695	-0.2710
SSO.ETF	-1.6442	-0.1182
SVXY.ETF	-0.1889	-0.0136
TBT.ETF	-0.4866	-0.0350
VNQ.ETF	-1.0769	-0.0774
VXX.ETF	-0.3546	-0.0255
XHB.ETF	-0.5231	-0.0376
XLB.ETF	-0.7698	-0.0554
XLE.ETF	-0.9622	-0.0692
XLF.ETF	-0.3657	-0.0263
XLI.ETF	-1.0244	-0.0736
XLP.ETF	-0.7096	-0.0510
XLU.ETF	-0.7037	-0.0506
XLV.ETF	-1.2117	-0.0871
XLY.ETF	-1.5150	-0.1089
BITCOIN	-126.2281	-54.9568
BTCUSD	-450.3516	-379.2918
ETHUSD	-153.3217	-129.1564

LTCUSD	-38.9392	-32.8281
BCHUSD	-31.3320	-26.4189
XRPUSD	-19.5147	-16.4775

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