

Table of Swap Points TMS Prime

Valid from 2018.08.20-2018.08.26. Swap points are published in the minimum quotation step for the financial instrument.

Instrument	Long swap	Short swap
EURUSD.pro	-9,9770	5,2897
CADCHF.pro	2,9198	-6,7615
CADJPY.pro	2,0205	-5,8745
CHFJPY.pro	-4,4258	-0,6786
EURCAD.pro	-11,3507	4,6402
EURCHF.pro	-1,4518	-3,7085
EURGBP.pro	-4,5862	1,0289
EURJPY.pro	-3,4342	-1,6821
GBPCAD.pro	-7,4307	-0,0174
GBPCHF.pro	2,3740	-8,1023
GBPJPY.pro	0,6012	-6,2761
GBPUSD.pro	-7,1317	1,9321
USDCAD.pro	-1,2715	-4,7597
USDCHF.pro	5,3416	-9,9782
USDJPY.pro	4,3332	-8,9428
AUDCHF.pro	3,2925	-7,2230
AUDCAD.pro	-1,7235	-3,3946
AUDJPY.pro	2,4898	-6,4605

AUDNZD.pro	-3,8318	-2,5447
AUDUSD.pro	-2,1491	-1,4800
CHFPLN.pro	-3,4237	1,4261
EURAUD.pro	-13,5384	5,9452
EURCZK.pro	-1,7067	0,3715
EURHUF.pro	-0,9898	-0,5582
EURNOK.pro	-5,1517	1,1271
EURNZD.pro	-15,9962	7,5203
EURPLN.pro	-3,3474	1,3094
EURSEK.pro	-2,2710	-2,7374
EURTRY.pro	-449,7592	243,1043
GBPAUD.pro	-9,6250	1,1933
GBPNZD.pro	-11,7991	2,3869
GBPPLN.pro	-2,2255	-0,0374
NZDJPY.pro	2,6621	-6,3006
NZDUSD.pro	-1,5795	-1,7452
USDCZK.pro	0,0000	-1,1967
USDHUF.pro	1,0180	-2,4080
USDNOK.pro	1,1059	-4,7306
USDPLN.pro	-0,4317	-1,3982
USDSEK.pro	4,1108	-8,6064
USDTRY.pro	-353,8329	171,8983
EURZAR.pro	-55,0579	11,4007

USDZAR.pro	-38,6217	0,1619
SILVER.pro	-0,9646	0,6546
GOLD.pro	-7,7749	5,2722
COPPER.pro	-0,3936	0,2669
EURUSD.std	-11,8774	3,3892
CADCHF.std	1,6503	-8,0312
CADJPY.std	0,6109	-7,2843
CHFJPY.std	-6,2763	-2,5293
EURCAD.std	-13,8364	2,1543
EURCHF.std	-3,3455	-5,6022
EURGBP.std	-6,0685	-0,4534
EURJPY.std	-5,5368	-3,7848
GBPCAD.std	-10,1873	-2,7743
GBPCHF.std	0,2740	-10,2025
GBPJPY.std	-1,7306	-8,6080
GBPUSD.std	-9,2394	-0,1756
USDCAD.std	-3,4513	-6,9397
USDCHF.std	3,6810	-11,6388
USDJPY.std	2,4893	-10,7866
AUDCHF.std	2,0805	-8,4352
AUDCAD.std	-3,3145	-4,9858
AUDJPY.std	1,1440	-7,8063
AUDNZD.std	-5,6711	-4,3842

AUDUSD.std	-3,3656	-2,6964
CHFPLN.std	-4,0502	0,7993
EURAUD.std	-16,1421	3,3415
EURCZK.std	-2,1352	-0,0571
EURHUF.std	-1,5298	-1,0983
EURNOK.std	-6,7616	-0,4831
EURNZD.std	-18,8699	4,6463
EURPLN.std	-4,0593	0,5973
EURSEK.std	-4,0180	-4,4846
EURTRY.std	-455,5564	237,3003
GBPAUD.std	-12,5125	-1,6944
GBPNZD.std	-14,9859	-0,8005
GBPPLN.std	-3,0149	-0,8272
NZDJPY.std	1,4428	-7,5201
NZDUSD.std	-2,6814	-2,8475
USDCZK.std	-0,3757	-1,5726
USDHUF.std	0,5445	-2,8817
USDNOK.std	-0,3059	-6,1426
USDPLN.std	-1,0560	-2,0226
USDSEK.std	2,5788	-10,1386
USDTRY.std	-358,9148	166,8112
EURZAR.std	-56,4417	10,0159
USDZAR.std	-39,8352	-1,0523

SILVER.std	-1,0872	0,5318
GOLD.std	-8,7632	4,2837
COPPER.std	-0,4437	0,2169
3M	-2,5987	0,0000
AMAZON	-23,8886	0,0000
AIG	-0,6674	0,0000
APPLE	-2,7619	0,0000
AT&T	-0,4191	0,0000
BABA	-2,1930	0,0000
BOEING	-4,3971	0,0000
CHEVRON	-1,4953	0,0000
CISCO	-0,5821	0,0000
CITI	-0,8842	0,0000
COCACOLA	-0,5915	0,0000
EBAY	-0,4316	0,0000
EXXONM	-0,9933	0,0000
FACEBOOK	-2,2050	0,0000
GE	-0,1561	0,0000
GMOTORS	-0,4618	0,0000
GOOGLE	-15,4280	0,0000
IBM	-1,8539	0,0000
INTEL	-0,5978	0,0000
J&J	-1,7067	0,0000

JPMORGAN	-1,4566	0,0000
MCDONALD	-2,0453	0,0000
MICROSFT	-1,3654	0,0000
PFIZER	-0,5340	0,0000
P&G	-1,0624	0,0000
STBUCKS	-0,6799	0,0000
WALMART	-1,2419	0,0000
GOLDMAN	-2,9621	0,0000
UPS	-1,5457	0,0000
ALCOA	-0,5333	0,0000
AMERICANEXP	-1,3076	0,0000
BOA	-0,3900	0,0000
CATERPILLAR	-1,7686	0,0000
SNAP	-0,1508	0,0000
DISNEY	-1,4277	0,0000
FORD	-0,1212	0,0000
FEDEX	-3,1343	0,0000
HARLEY-DAVI	-0,5363	0,0000
HP	-0,2115	0,0000
NIKE	-1,0121	0,0000
PEPSI	-1,4595	0,0000
PM	-1,0794	0,0000
TWITTER	-0,4154	0,0000

VISA	-1,7942	0,0000
PAYPAL	-1,0846	0,0000
TESLA	-3,8769	0,0000
NETFLIX	-4,0192	0,0000
BASF	-4,6513	0,0000
DTELEKOM	-0,8168	0,0000
ALLIANZ	-10,8048	0,0000
BAYER	-4,7185	0,0000
BEIERSDO	-5,7794	0,0000
DAIMLERC	-3,2357	0,0000
DBANK	-0,5699	0,0000
SIEMENS	-6,4924	0,0000
LUFTHANS	-1,3630	0,0000
CECONOMY	-0,3752	0,0000
ADIDAS	-12,1748	0,0000
BMW	-4,7887	0,0000
COMMERZBANK	-0,4754	0,0000
CONTINENTAL	-10,7896	0,0000
HENKEL	-6,3796	0,0000
RWE	-1,2315	0,0000
THYSSEN	-1,1532	0,0000
VOLKSWAGEN	-8,0951	0,0000
BARCLAYS	-1,6225	0,0000

GSK	-14,2316	0,0000
M&S	-2,6277	0,0000
RBS	-2,1541	0,0000
ROLLS-ROYCE	-9,0679	0,0000
RIOTINTO	-33,1093	0,0000
SHELL	-21,9464	0,0000
STAN	-5,7265	0,0000
TESCO	-2,2714	0,0000
UNILEVER	-38,9619	0,0000
VODAFONE	-1,5511	0,0000
SANTANDER	-0,2546	0,0000
TELEFONICA	-0,4260	0,0000
BBVA	-0,3177	0,0000
IBERDOLA	-0,3789	0,0000
REPSOL	-0,9536	0,0000
CAIXABANK	-0,2231	0,0000
ABERTIS	-1.0695	0.0000
GASNATURAL	-1,3537	0,0000
REDELECTRIC	-1,0567	0,0000
GRIFOLS	-1,4372	0,0000
BANKINTER	-0,4437	0,0000
MAPFRE	-0,1480	0,0000
ACS	-2,0293	0,0000

AMADEUS	-4,4701	0,0000
INDITEX	-1,6114	0,0000
ACERINOX	-0,7090	0,0000
AENA	-8,9484	0,0000
BANKIA	-0,1841	0,0000
IAG	-0,4525	0,0000
SACYR	-0,1444	0,0000
TECNICAS	-1,6149	0,0000
ASHR.ETF	-0,3102	-0,0292
DBA.ETF	-0,2214	-0,0209
DBC.ETF	-0,2132	-0,0201
EEM.ETF	-0,5358	-0,0505
EFA.ETF	-0,8424	-0,0794
EWA.ETF	-0,2917	-0,0275
EWV.ETF	-0,6320	-0,0596
EWY.ETF	-0,8199	-0,0773
EWZ.ETF	-0,4225	-0,0398
FXI.ETF	-0,5269	-0,0497
GLD.ETF	-1,4230	-0,1341
HYG.ETF	-1,0918	-0,1029
IVV.ETF	-3,6431	-0,3433
IYR.ETF	-1,0553	-0,0995
OIH.ETF	-0,3042	-0,0287

SLV.ETF	-0,1768	-0,0167
SPY.ETF	-3,6176	-0,3409
SSO.ETF	-1,5505	-0,1461
SVXY.ETF	-0,1790	-0,0169
TBT.ETF	-0,4588	-0,0433
VNQ.ETF	-1,0668	-0,1005
VXX.ETF	-0,3739	-0,0353
XHB.ETF	-0,5010	-0,0472
XLB.ETF	-0,7414	-0,0699
XLE.ETF	-0,9219	-0,0869
XLF.ETF	-0,3573	-0,0337
XLI.ETF	-0,9681	-0,0912
XLP.ETF	-0,6984	-0,0658
XLU.ETF	-0,6918	-0,0652
XLV.ETF	-1,1566	-0,1090
XLY.ETF	-1,4281	-0,1346
BITCOIN	-124,6008	-54,2154
BTCUSD	-444,5458	-374,1754
ETHUSD	-200,2919	-168,7070
LTCUSD	-38,5710	-32,4930
BCHUSD	-37,5970	-31,6843
XRPUSD	-0,2297	-0,1936

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%
Akcje i ETF'y	2,50%
Pozostałe FX(.pro) oraz COPPER.pro, GOLD.pro, SILVER.pro	0,35%
Pozostałe FX(.std) oraz 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 CURNCY	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 Yeld

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