

Table of Swap Points TMS Prime

Valid from 2018.08.27-2018.09.02. Swap points are published in the minimum quotation step for the financial instrument.

Instrument	Long swap	Short swap
EURUSD.pro	-10,2924	5,0977
CADCHF.pro	2,8651	-6,7252
CADJPY.pro	1,6312	-5,816
CHFJPY.pro	-5,0077	-0,5024
EURCAD.pro	-11,4984	4,0017
EURCHF.pro	-1,3638	-4,2343
EURGBP.pro	-4,9344	0,817
EURJPY.pro	-3,9791	-2,0793
GBPCAD.pro	-7,241	-0,765
GBPCHF.pro	2,6134	-8,5898
GBPJPY.pro	0,2585	-6,7163
GBPUSD.pro	-7,1877	1,6617
USDCAD.pro	-1,0879	-5,0407
USDCHF.pro	5,4609	-10,0352
USDJPY.pro	4,0739	-9,0125
AUDCHF.pro	3,2545	-7,0198
AUDCAD.pro	-1,7767	-3,262
AUDJPY.pro	2,1442	-6,2296
AUDNZD.pro	-3,4084	-2,1306

AUDUSD.pro	-2,2954	-1,2188
CHFPLN.pro	-3,3151	1,3397
EURAUD.pro	-13,3672	5,3386
EURCZK.pro	-1,7386	0,3077
EURHUF.pro	-1,9166	-0,6211
EURNOK.pro	-5,2556	0,8896
EURNZD.pro	-15,3712	7,155
EURPLN.pro	-3,2107	1,0306
EURSEK.pro	-2,3557	-3,0923
EURTRY.pro	-489,609	272,9088
GBPAUD.pro	-9,0477	0,4671
GBPNZD.pro	-10,715	1,9552
GBPPLN.pro	-2,0068	-0,3239
NZDJPY.pro	2,5129	-5,9949
NZDUSD.pro	-1,5943	-1,3905
USDCZK.pro	0	-1,1768
USDHUF.pro	0,2324	-2,3482
USDNOK.pro	1,1137	-4,6648
USDPLN.pro	-0,2801	-1,5056
USDSEK.pro	4,132	-8,5953
USDTRY.pro	-379,599	194,3206
EURZAR.pro	-57,8315	12,3785
USDZAR.pro	-40,1367	1,3519

SILVER.pro	-0,9681	0,6568
GOLD.pro	-7,892	5,3515
COPPER.pro	-0,3978	0,2698
EURUSD.std	-12,2284	3,1618
CADCHF.std	1,6103	-7,9803
CADJPY.std	0,2128	-7,2345
CHFJPY.std	-6,8915	-2,3864
EURCAD.std	-14,0257	1,4743
EURCHF.std	-3,2668	-6,1373
EURGBP.std	-6,4313	-0,68
EURJPY.std	-6,1301	-4,2303
GBPCAD.std	-10,0162	-3,5404
GBPCHF.std	0,5236	-10,6795
GBPJPY.std	-2,1036	-9,0784
GBPUSD.std	-9,3136	-0,4643
USDCAD.std	-3,2636	-7,2165
USDCHF.std	3,8226	-11,6734
USDJPY.std	2,2221	-10,8643
AUDCHF.std	2,0565	-8,218
AUDCAD.std	-3,3679	-4,8532
AUDJPY.std	0,79	-7,5838
AUDNZD.std	-5,2344	-3,9568
AUDUSD.std	-3,5142	-2,4375

CHFPLN.std	-3,9345	0,7197
EURAUD.std	-16,0143	2,6913
EURCZK.std	-2,1679	-0,1217
EURHUF.std	-2,4565	-1,1612
EURNOK.std	-6,8727	-0,7278
EURNZD.std	-18,2716	4,2543
EURPLN.std	-3,9183	0,3228
EURSEK.std	-4,1225	-4,8593
EURTRY.std	-495,625	266,8777
GBPAUD.std	-11,9546	-2,4399
GBPNZD.std	-13,8999	-1,2302
GBPPLN.std	-2,7837	-1,1011
NZDJPY.std	1,2771	-7,2308
NZDUSD.std	-2,7066	-2,5029
USDCZK.std	-0,3695	-1,5465
USDHUF.std	-0,2324	-2,8131
USDNOK.std	-0,2784	-6,0572
USDPLN.std	-0,8892	-2,1149
USDSEK.std	2,6111	-10,1166
USDTRY.std	-384,779	189,1325
EURZAR.std	-59,2166	10,9928
USDZAR.std	-41,3293	0,159
SILVER.std	-1,0911	0,5337

GOLD.std	-8,8952	4,3481
COPPER.std	-0,4484	0,2192
3M	-2,6076	0
AMAZON	-24,2028	0
AIG	-0,6771	0
APPLE	-2,7452	0
AT&T	-0,4145	0
BABA	-2,213	0
BOEING	-4,4379	0
CHEVRON	-1,5115	0
CISCO	-0,5882	0
CITI	-0,8977	0
COCACOLA	-0,5795	0
EBAY	-0,4385	0
EXXONM	-1,0112	0
FACEBOOK	-2,2183	0
GE	-0,1588	0
GMOTORS	-0,4565	0
GOOGLE	-15,7071	0
IBM	-1,8549	0
INTEL	-0,6055	0
J&J	-1,727	0
JPMORGAN	-1,4564	0

MCDONALD	-2,0246	0
MICROSFT	-1,3769	0
PFIZER	-0,5384	0
P&G	-1,059	0
STBUCKS	-0,6699	0
WALMART	-1,2061	0
GOLDMAN	-2,9851	0
UPS	-1,5589	0
ALCOA	-0,5517	0
AMERICANEXP	-1,3436	0
BOA	-0,3925	0
CATERPILLAR	-1,7554	0
SNAP	-0,1477	0
DISNEY	-1,4217	0
FORD	-0,123	0
FEDEX	-3,1123	0
HARLEY-DAVI	-0,5443	0
HP	-0,2058	0
NIKE	-1,0474	0
PEPSI	-1,4244	0
PM	-1,0121	0
TWITTER	-0,4353	0
VISA	-1,8316	0

PAYPAL	-1,1445	0
TESLA	-4,1004	0
NETFLIX	-4,5574	0
BASF	-4,6842	0
DTELEKOM	-0,8251	0
ALLIANZ	-10,9027	0
BAYER	-4,8094	0
BEIERSDO	-5,8633	0
DAIMLERC	-3,2389	0
DBANK	-0,578	0
SIEMENS	-6,576	0
LUFTHANS	-1,3898	0
CECONOMY	-0,3924	0
ADIDAS	-12,5809	0
BMW	-4,8381	0
COMMERZBANK	-0,4902	0
CONTINENTAL	-9,3128	0
HENKEL	-6,5304	0
RWE	-1,2616	0
THYSSEN	-1,1653	0
VOLKSWAGEN	-8,0927	0
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
TELEFONICA	-0,4292	0
BBVA	-0,3236	0
IBERDOLA	-0,3794	0
REPSOL	-0,9652	0
CAIXABANK	-0,2309	0
ABERTIS	-1.0695	0
GASNATURAL	-1,3564	0
REDELECTRIC	-1,0612	0
GRIFOLS	-1,4933	0
BANKINTER	-0,4503	0
MAPFRE	-0,1508	0
ACS	-2,1189	0
AMADEUS	-4,714	0
INDITEX	-1,6765	0

ACERINOX	-0,7066	0
AENA	-8,95	0
BANKIA	-0,193	0
IAG	-0,4591	0
SACYR	-0,1483	0
TECNICAS	-1,7122	0
ASHR.ETF	-0,3169	-0,0296
DBA.ETF	-0,2162	-0,0202
DBC.ETF	-0,2186	-0,0204
EEM.ETF	-0,5506	-0,0515
EFA.ETF	-0,8552	-0,0799
EWA.ETF	-0,2859	-0,0267
EWV.ETF	-0,6501	-0,0608
EWY.ETF	-0,8477	-0,0792
EWZ.ETF	-0,4057	-0,0379
FXI.ETF	-0,5411	-0,0506
GLD.ETF	-1,4497	-0,1355
HYG.ETF	-1,097	-0,1025
IVV.ETF	-3,6776	-0,3437
IYR.ETF	-1,0474	-0,0979
OIH.ETF	-0,3191	-0,0298
SLV.ETF	-0,1768	-0,0165
SPY.ETF	-3,652	-0,3412

SSO.ETF	-1,5773	-0,1474
SVXY.ETF	-0,181	-0,0169
TBT.ETF	-0,4495	-0,042
VNQ.ETF	-1,0592	-0,099
VXX.ETF	-0,3659	-0,0342
XHB.ETF	-0,5129	-0,0479
XLB.ETF	-0,7504	-0,0701
XLE.ETF	-0,9471	-0,0885
XLF.ETF	-0,3586	-0,0335
XLI.ETF	-0,9742	-0,091
XLP.ETF	-0,6865	-0,0642
XLU.ETF	-0,6825	-0,0638
XLV.ETF	-1,1663	-0,109
XLY.ETF	-1,4585	-0,1363
BITCOIN	-130,464	-56,7968
BTCUSD	-465,463	-391,991
ETHUSD	-191,653	-161,395
LTCUSD	-39,8514	-33,5631
BCHUSD	-36,5757	-30,871
XRPUSD	-22,8286	-19,2257

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