

## Swap Points Table

Valid from 2021.07.05 – 2021.07.11 Swap points are published in the minimum quotation step for the financial instrument.

Instrument	Long swap	Short swap
AUDCAD.pro	-3.4864	-1.6530
AUDCAD.std	-5.0360	-3.2026
AUDCHF.pro	-0.5876	-2.9482
AUDCHF.std	-1.7437	-4.1043
AUDJPY.pro	-1.9948	-2.0412
AUDJPY.std	-3.3865	-3.4330
AUDNZD.pro	-3.8701	-1.9056
AUDNZD.std	-5.6563	-3.6920
AUDUSD.pro	-2.1765	-1.3394
AUDUSD.std	-3.4322	-2.5950
AUDUSD.stp	-2.1765	-1.3394
CADCHF.pro	-0.2176	-4.2278
CADCHF.std	-1.4609	-5.4712
CADJPY.pro	-1.6465	-3.4677
CADJPY.std	-3.1433	-4.9646
CADJPY.stp	-1.6465	-3.4677
CHFJPY.pro	-5.1827	-1.1537
CHFJPY.std	-7.1890	-3.1601
CHFPLN	-1.9940	-0.3864
CHFPLN.pro	-1.9940	-0.3864
CHFPLN.std	-2.6759	-1.0687
EURAUD.pro	-6.0437	-2.1023
EURAUD.std	-8.6715	-4.7301
EURCAD.pro	-7.6959	-1.1402
EURCAD.std	-10.1392	-3.5835
EURCHF	-0.2567	-0.3555
EURCHF.pro	-2.5671	-3.5547
EURCHF.std	-4.3900	-5.3775
EURCHF.stp	-2.5671	-3.5547
EURCZK.pro	-1.4208	-0.1208
EURCZK.std	-1.8470	-0.5471
EURGBP.pro	-3.8388	-0.8210
EURGBP.std	-5.2578	-2.2400
EURGBP.stp	-3.8388	-0.8210
EURHUF.pro	-1.6963	-0.3706
EURHUF.std	-2.2813	-0.9559

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
 tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
 Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078

EURJPY.pro	-5.1199	-1.9018
EURJPY.std	-7.3142	-4.0961
EURNOK.pro	-4.6398	-1.3583
EURNOK.std	-6.3373	-3.0562
EURNZD.pro	-8.6365	-1.3144
EURNZD.std	-11.4528	-4.1311
EURPLN	-1.9933	-0.6417
EURPLN.pro	-1.9933	-0.6417
EURPLN.std	-2.7392	-1.3878
EURPLN.stp	-1.9933	-0.6417
EURSEK.pro	-4.5359	-2.0007
EURSEK.std	-6.2264	-3.6914
EURTRY.pro	-745.9852	402.0144
EURTRY.std	-754.5825	393.4149
EURUSD	-5.2133	-0.9239
EURUSD.pro	-5.2133	-0.9239
EURUSD.std	-7.1931	-2.9037
EURUSD.stp	-5.2133	-0.9239
EURZAR.pro	-49.5387	0.1409
EURZAR.std	-50.9478	-1.2683
GBPAUD.pro	-3.6008	-5.4782
GBPAUD.std	-6.6452	-8.5228
GBPCAD.pro	-5.7703	-4.1433
GBPCAD.std	-8.6009	-6.9740
GBPCHF.pro	-0.6018	-6.2454
GBPCHF.std	-2.7138	-8.3572
GBPJPY	-0.3092	-0.4745
GBPJPY.pro	-3.0920	-4.7451
GBPJPY.std	-5.6342	-7.2873
GBPNZD.pro	-6.3780	-4.7766
GBPNZD.std	-9.6409	-8.0400
GBPPLN	-1.3383	-1.6150
GBPPLN.pro	-1.3383	-1.6150
GBPPLN.std	-2.2018	-2.4801
GBPUSD	-3.4825	-3.3572
GBPUSD.pro	-3.4825	-3.3572
GBPUSD.std	-5.7761	-5.6508
GBPUSD.stp	-3.4825	-3.3572
NZDJPY.pro	-1.4282	-2.9000
NZDJPY.std	-2.7265	-4.1985
NZDUSD.pro	-1.6399	-2.1480
NZDUSD.std	-2.8112	-3.3196

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
 tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
 Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078

USDCAD.pro	-3.9423	-2.8798
USDCAD.std	-5.9992	-4.9367
USDCAD.stp	-3.9423	-2.8798
USDCHF.pro	-0.2685	-4.4249
USDCHF.std	-1.8031	-5.9595
USDCHF.stp	-0.2685	-4.4249
USDCZK.pro	-0.7535	-0.4367
USDCZK.std	-1.1122	-0.7957
USDHUF.pro	-0.8207	-0.7719
USDHUF.std	-1.3131	-1.2645
USDJPY	-2.0319	-3.3252
USDJPY.pro	-2.0319	-3.3252
USDJPY.std	-3.8791	-5.1724
USDNOK.pro	-2.1435	-2.4776
USDNOK.std	-3.5726	-3.9070
USDPLN	-0.8983	-1.1306
USDPLN.pro	-0.8983	-1.1306
USDPLN.std	-1.5262	-1.7587
USDPLN.stp	-0.8983	-1.1306
USDSEK.pro	-2.0634	-3.0129
USDSEK.std	-3.4865	-4.4363
USDTRY	-60.9899	32.4772
USDTRY.pro	-609.8989	324.7719
USDTRY.std	-617.1332	317.5360
USDZAR.pro	-38.7801	-2.0959
USDZAR.std	-39.9663	-3.2822
COPPER.pro	-0.5091	-0.4512
COPPER.std	-0.5091	-0.4512
GOLD.pro	-9.6078	-8.5140
GOLD.std	-9.6078	-8.5140
SILVER.pro	-1.4251	-1.2633
SILVER.std	-1.4251	-1.2633
XAGUSD	-0.6129	-0.4506
XAGUSD.stp	-14.2513	-12.6326
XAUUSD.stp	-96.0775	-85.1399
BITCOIN	-2393.6381	-2373.3210
BTCUSD	-2393.6381	-2373.3210
ETHUSD	-1587.5179	-1574.3985
BCHUSD	-35.9617	-35.6511
LTCUSD	-97.7348	-96.9760
3M	-1.4447	-1.3321
AIG	-0.3473	-0.3199

AIRBNB	-1.0853	-1.0004
ALCOA	-0.2742	-0.2526
AMAZON	-25.3782	-23.3785
AMERICANEXP	-1.2183	-1.1221
APPLE	-1.0117	-0.9319
AT&T	-0.2113	-0.1947
BABA	-1.5744	-1.4503
BOA	-0.2975	-0.2741
BOEING	-1.7118	-1.5766
CATERPILLAR	-1.5745	-1.4501
CHEVRON	-0.7668	-0.7063
CISCO	-0.3870	-0.3564
CITI	-0.5090	-0.4688
COCACOLA	-0.3917	-0.3608
COINBASE	-1.7329	-1.6031
DISNEY	-1.2803	-1.1792
EBAY	-0.5065	-0.4666
EXXONM	-0.4564	-0.4206
FACEBOOK	-2.5638	-2.3613
FEDEX	-2.1646	-1.9943
FORD	-0.1079	-0.0995
GE	-0.0965	-0.0890
GMOTORS	-0.4262	-0.3926
GOLDMAN	-2.7044	-2.4907
GOOGLE	-18.1128	-16.6850
HARLEY-DAVI	-0.3383	-0.3116
HP	-0.1063	-0.0979
IBM	-1.0123	-0.9323
INTEL	-0.4103	-0.3779
J&J	-1.2213	-1.1253
JPMORGAN	-1.1281	-1.0390
LYFT	-0.4539	-0.4181
MCDONALD	-1.6895	-1.5560
MICROSFT	-2.0071	-1.8488
MODERNA	-1.6928	-1.5601
NETFLIX	-3.8599	-3.5557
NIKE	-1.1548	-1.0636
NOVAVAX	-1.5695	-1.4464
P&G	-0.9827	-0.9050
PAYPAL	-2.0984	-1.9327
PEPSI	-1.0766	-0.9916
PFIZER	-0.2873	-0.2646

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
 tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
 Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078

PINTEREST	-0.5731	-0.5279
PM	-0.7252	-0.6680
SNAP	-0.4949	-0.4562
STBUCKS	-0.8312	-0.7655
TESLA	-4.9075	-4.5206
TWITTER	-0.5004	-0.4609
UBER	-0.3740	-0.3445
UPS	-1.5294	-1.4090
VISA	-1.7251	-1.5896
WALMART	-1.0130	-0.9335
WISH	-0.0842	-0.0776
BARCLAYS	-1.2266	-1.1735
BP	-2.2634	-2.1657
GSK	-10.0199	-9.5868
M&S	-1.0962	-1.0497
RBS	-1.4263	-1.3654
RIOTINTO	-42.1594	-40.3335
ROLLS-ROYCE	-0.7244	-0.6932
SHELL	-10.4093	-9.9591
STAN	-3.2020	-3.0650
TESCO	-1.5986	-1.5295
UNILEVER	-29.6957	-28.4069
VODAFONE	-0.8536	-0.8167
ACERINOX	-0.5588	-0.9004
ACS	-1.2246	-1.9730
AENA	-7.4878	-12.0624
AMADEUS	-3.1558	-5.0837
BANKINTER	-0.2247	-0.3620
BBVA	-0.2841	-0.4576
CAIXABANK	-0.1364	-0.2197
GRIFOLS	-1.1777	-1.8967
IAG	-0.1155	-0.1862
IBERDOLA	-0.5561	-0.8957
INDITEX	-1.5848	-2.5530
MAPFRE	-0.0954	-0.1536
REDELECTRIC	-0.8305	-1.3373
REPSOL	-0.5536	-0.8918
SACYR	-0.1168	-0.1883
SANTANDER	-0.1719	-0.2769
TECNICAS	-0.5742	-0.9304
TELEFONICA	-0.2079	-0.3347
INPOST	-1.2203	-1.0611

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
 tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
 Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078

ADIDAS	-16.7451	-26.9648
ALLIANZ	-11.2823	-18.1707
BASF	-3.5837	-5.7708
BAYER	-2.7226	-4.3838
BEIERSDO	-5.4629	-8.7941
BMW	-4.7684	-7.6787
CECONOMY	-0.2197	-0.3542
COMMERZBANK	-0.3184	-0.5131
CONTINENTAL	-6.6416	-10.6951
DAIMLERC	-4.0355	-6.4964
DBANK	-0.5828	-0.9386
DTELEKOM	-0.9486	-1.5273
HENKEL	-4.7247	-7.6093
LUFTHANS	-0.5294	-0.8529
RWE	-1.6444	-2.6489
SIEMENS	-7.1057	-11.4422
THYSSEN	-0.4827	-0.7775

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:

<b>TMS</b>	
<b>The amount of interest rate commission in order to swap points calculation</b>	
EURTRY, USDTRY, EURZAR, USDZAR, USDMXN, EURTRY.stp, USDTRY.stp, 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) + FX (.stp)	0,40%
Other FX + FX(.std)	0,70%
GOLD.pro, GOLD.std, SILVER.pro, SILVER.std, COPPER.pro, COPPER.std, XAUUSD.stp, XAGUSD.stp	1,80%
<b>BITCOIN</b>	<b>25,00%</b>
BTCUSD, ETHUSD, LTCUSD, BCHUSD	25,00%

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 Brokers 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 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%*

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078



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

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

Formulas for calculation of swap points for CFD based on value of shares and ETFs.

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

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

*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 Brokers 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 Brokers 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

Dom Maklerski TMS Brokers SA, Złote Tarasy (Budynek Skylight), ul. Złota 59, 00-120 Warszawa  
tel. (22) 27 66 200, fax (22) 27 66 202, dommaklerski@tms.pl, www.tms.pl

Dom Maklerski TMS Brokers SA, podlega Komisji Nadzoru Finansowego. Spółka zarejestrowana przez Sąd Rejonowy dla m.st. Warszawy w Warszawie, XII Wydział Gospodarczy Krajowego Rejestru Sądowego pod numerem KRS 0000204776  
Kapitał zakładowy: 3.537.560 zł, kapitał wpłacony: 3.537.560 zł, NIP: 526-27-59-131, REGON: 015715078