

Bekanntmachung in Bezug auf
Open End Turbo Optionsscheine
der Goldman, Sachs & Co. Wertpapier GmbH
bezogen auf
Rohstoffe

Für die in der nachstehenden Tabelle genannten Open End Turbo Optionsscheine wird entsprechend den den Open End Turbo Optionsscheinen zugrundeliegenden Bedingungen mit Wirkung zum 18. September 2023 die Zinsmarge wie folgt angepasst:

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
DE000GH61TD3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GH63N12	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GH6BE46	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GH7BNW4	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GH7FZL2	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GH7P7F6	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GH7P7D1	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GH94LQ3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GH9W4K2	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX0F0F7	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price	3,5%	5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	PM		
DE000GX0LG03	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX1L2Z2	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX1L2T5	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX1QGJ6	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX1QHQ9	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX2QU57	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX2Y1E3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4P4N7	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4P4M9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4RYC6	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX4SC22	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX4SZE7	1 Feinunze Platin,	3,5%	5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	Feinheit mind. 0,9995, LBMA Platinum Price PM		
DE000GX4TEM3	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX4V0F3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4V012	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4UZ05	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4V0H9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4UZB9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4V0R8	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4V0A4	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4UZZK0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4VFD5	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4VEM9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4VFH6	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4VU74	1 Feinunze Gold, Feinheit mind. 0,995,	3,5%	4%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Gold Price PM		
DE000GX4W3Q3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4WM08	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4WM57	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4WYZ7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4X1Q6	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4ZRV3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4ZSV1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX4ZTS5	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5AC21	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5AJS6	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5DFN9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5DEV5	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5DEY9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5DDE3	1 Feinunze Gold, Feinheit mind. 0,995,	3,5%	4%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Gold Price PM		
DE000GX5DLA4	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5DNF9	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5DRZ8	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5DT37	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5DSP7	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5DSW3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5DUV1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5DUU3	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5DV41	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5E1P0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5EE33	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5EG07	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5EGC8	1 Feinunze Silber, Feinheit mind. 0,999,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Silver Price		
DE000GX5EH71	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5EG15	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5EM58	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5EM90	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5F9F3	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5F9D8	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5F9C0	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5F8N9	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5FA51	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FAS4	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5F756	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5FAN5	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5F749	1 Feinunze Gold,	3,5%	4%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	Feinheit mind. 0,995, LBMA Gold Price PM		
DE000GX5F616	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5F798	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5F657	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5F921	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FAE4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FAK1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FB01	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5F7R2	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FK91	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5FJ86	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5FX21	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5FX05	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5FX39	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
DE000GX4Y3C1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5FXK3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX4Y3U3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5G1M5	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5GZ51	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5GZ69	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5HG04	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5HLW9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5HXJ1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5KW33	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5LM91	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5LPT8	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5LXS4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5M1Z9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
DE000GX5MQD8	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5MQC0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5N0D7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5N4Q1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5NAV2	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5SLE4	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5STR9	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5TMF7	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5TMD2	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5TMA8	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5TTC9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5U078	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5U3Y8	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5U1V8	1 Feinunze Palladium,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	Feinheit mind. 0,9995, LBMA Palladium Price PM		
DE000GX5UR61	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5V6Z7	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5WG70	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5WH20	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5WPV1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5WS84	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5WW70	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5X0K0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5X0L8	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5X0H6	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5X0F0	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5X0B9	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price	3,5%	5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	PM		
DE000GX5X098	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5X0C7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5X403	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5X4Y3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5X6F7	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5X6J9	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5X6D2	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5X809	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5QKN1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5QKP6	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5P9G9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5NPL1	1 Feinunze Palladium,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	Feinheit mind. 0,9995, LBMA Palladium Price PM		
DE000GX5P9H7	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XD31	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5XEN0	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XKT4	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5XKS6	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XM14	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5XLZ9	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XWC5	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XY85	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5XZ76	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	PM		
DE000GX5Y3V0	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5Y3U2	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5Y3S6	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5Y3T4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Y3R8	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5Y6R1	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5Y6P5	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5Y1E0	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5Y8Z0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YGL7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YK49	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
DE000GX5YK23	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5PYY1	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5YM21	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YM13	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YMB6	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YM05	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YMA8	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YNB4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YNH1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YND0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YNE8	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5YNZ3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YMZ5	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price	3,5%	5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	PM		
DE000GX5YR18	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YT32	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YSV1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YU05	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YTW7	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YU70	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YTV9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YTZ0	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5YX28	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5YX10	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5YXX7	1 Feinunze Palladium, Feinheit mind. 0,9995, LBMA Palladium Price PM	3,5%	4,5%
DE000GX5YXZ2	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%
DE000GX5Z150	1 Feinunze Silber, Feinheit mind. 0,999,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Silver Price		
DE000GX5Z0Y9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z267	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z242	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1R1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z0V5	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1Y7	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1X9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1N0	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z101	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z291	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1H2	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1J8	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z0S1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1F6	1 Feinunze Silber, Feinheit mind. 0,999,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Silver Price		
DE000GX5Z1G4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1Z4	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1E9	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1C3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z1D1	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z283	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z0W3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z0X1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1L4	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z127	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z226	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z234	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1W1	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z1A7	1 Feinunze Silber, Feinheit mind. 0,999,	3,5%	4,5%

ISIN	Name des Rohstoffes	Zinsmarge (alt)	Zinsmarge (neu)
	LBMA Silver Price		
DE000GX5Z1Q3	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z0T9	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z0U7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z0R3	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z218	1 Feinunze Silber, Feinheit mind. 0,999, LBMA Silver Price	3,5%	4,5%
DE000GX5Z3E5	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z3X5	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z3W7	1 Feinunze Gold, Feinheit mind. 0,995, LBMA Gold Price PM	3,5%	4%
DE000GX5Z5A8	1 Feinunze Platin, Feinheit mind. 0,9995, LBMA Platinum Price PM	3,5%	5%

Frankfurt am Main / London, 11. September 2023
Goldman, Sachs & Co. Wertpapier GmbH
Goldman Sachs International

Announcement relating to the following
Open End Turbo Warrants
of Goldman, Sachs & Co. Wertpapier GmbH
linked to
Commodities

The Interest Margin of the Open End Turbo Warrants listed in the table below will be adjusted with effect from 18 September 2023 pursuant to the Conditions of the Open End Turbo Warrants as follows:

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
DE000GH61TD3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GH63N12	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GH6BE46	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GH7BNW4	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GH7FZL2	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GH7P7F6	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GH7P7D1	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GH94LQ3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GH9W4K2	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX0F0F7	One Troy Ounce of 0.9995 Fine Platinum,	3.5%	5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	LBMA Platinum Price PM		
DE000GX0LG03	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX1L2Z2	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX1L2T5	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX1QGJ6	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX1QHQ9	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX2QU57	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX2Y1E3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4P4N7	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4P4M9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4RYC6	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX4SC22	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
DE000GX4SZE7	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX4TEM3	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX4V0F3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4V012	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4UZ05	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4V0H9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4UZB9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4V0R8	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4V0A4	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4UZK0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4VFD5	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4VEM9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4VFH6	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4VU74	One Troy Ounce of	3.5%	4%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.995 Fine Gold, LBMA Gold Price PM		
DE000GX4W3Q3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4WM08	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4WM57	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4WYZ7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4X1Q6	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4ZRV3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4ZSV1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX4ZTS5	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5AC21	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5AJS6	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5DFN9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5DEV5	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5DEY9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5DDE3	One Troy Ounce of	3.5%	4%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.995 Fine Gold, LBMA Gold Price PM		
DE000GX5DLA4	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5DNF9	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5DRZ8	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5DT37	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5DSP7	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5DSW3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5DUV1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5DUU3	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5DV41	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5E1P0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5EE33	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5EG07	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5EGC8	One Troy Ounce of	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.999 Fine Silver, LBMA Silver Price		
DE000GX5EH71	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5EG15	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5EM58	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5EM90	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5F9F3	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5F9D8	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5F9C0	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5F8N9	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5FA51	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FAS4	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5F756	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5FAN5	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
DE000GX5F749	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5F616	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5F798	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5F657	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5F921	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FAE4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FAK1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FB01	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5F7R2	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FK91	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5FJ86	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5FX21	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5FX05	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5FX39	One Troy Ounce of 0.995 Fine Gold,	3.5%	4%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	LBMA Gold Price PM		
DE000GX4Y3C1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5FXK3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX4Y3U3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5G1M5	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5GZ51	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5GZ69	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5HG04	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5HLW9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5HXJ1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5KW33	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5LM91	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5LPT8	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5LXS4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5M1Z9	One Troy Ounce of 0.995 Fine Gold,	3.5%	4%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	LBMA Gold Price PM		
DE000GX5MQD8	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5MQC0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5N0D7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5N4Q1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5NAV2	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5SLE4	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5STR9	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5TMF7	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5TMD2	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5TMA8	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5TTC9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5U078	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5U3Y8	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
DE000GX5U1V8	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5UR61	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5V6Z7	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5WG70	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5WH20	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5WPV1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5WS84	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5WW70	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5X0K0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5X0L8	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5X0H6	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5X0F0	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5X0B9	One Troy Ounce of 0.9995 Fine Platinum,	3.5%	5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	LBMA Platinum Price PM		
DE000GX5X098	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5X0C7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5X403	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5X4Y3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5X6F7	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5X6J9	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5X6D2	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5X809	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5QKN1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5QKP6	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5P9G9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
DE000GX5NPL1	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5P9H7	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XD31	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5XEN0	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XKT4	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5XKS6	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XM14	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5XLZ9	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XWC5	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XY85	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5XZ76	One Troy Ounce of 0.9995 Fine	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	Palladium, LBMA Palladium Price PM		
DE000GX5Y3V0	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5Y3U2	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5Y3S6	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5Y3T4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Y3R8	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5Y6R1	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5Y6P5	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5Y1E0	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5Y8Z0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YGL7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YK49	One Troy Ounce of 0.9995 Fine Palladium, LBMA	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	Palladium Price PM		
DE000GX5YK23	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5PYY1	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5YM21	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YM13	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YMB6	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YM05	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YMA8	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YNB4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YNH1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YND0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YNE8	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5YNZ3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YMZ5	One Troy Ounce of 0.9995 Fine Platinum,	3.5%	5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	LBMA Platinum Price PM		
DE000GX5YR18	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YT32	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YSV1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YU05	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YTW7	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YU70	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YTV9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YTZ0	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5YX28	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5YX10	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5YXX7	One Troy Ounce of 0.9995 Fine Palladium, LBMA Palladium Price PM	3.5%	4.5%
DE000GX5YXZ2	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%
DE000GX5Z150	One Troy Ounce of	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.999 Fine Silver, LBMA Silver Price		
DE000GX5Z0Y9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z267	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z242	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1R1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z0V5	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1Y7	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1X9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1N0	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z101	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z291	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1H2	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1J8	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z0S1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1F6	One Troy Ounce of	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.999 Fine Silver, LBMA Silver Price		
DE000GX5Z1G4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1Z4	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1E9	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1C3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z1D1	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z283	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z0W3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z0X1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1L4	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z127	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z226	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z234	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1W1	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z1A7	One Troy Ounce of	3.5%	4.5%

ISIN	Name of Commodities	Interest Margin (old)	Interest Margin (new)
	0.999 Fine Silver, LBMA Silver Price		
DE000GX5Z1Q3	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z0T9	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z0U7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z0R3	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z218	One Troy Ounce of 0.999 Fine Silver, LBMA Silver Price	3.5%	4.5%
DE000GX5Z3E5	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z3X5	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z3W7	One Troy Ounce of 0.995 Fine Gold, LBMA Gold Price PM	3.5%	4%
DE000GX5Z5A8	One Troy Ounce of 0.9995 Fine Platinum, LBMA Platinum Price PM	3.5%	5%

Frankfurt am Main / London, 11 September 2023

Goldman, Sachs & Co. Wertpapier GmbH

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