



EUR Capped Reverse Bonus Certificates on Indices

- NON-US INVESTORS ONLY - NON-PRINCIPAL PROTECTED -

Final Terms and Conditions as of November 04, 2019 (Version 2.00)

All material herein is for discussion purposes only and is only a summary. Reference should be made to the Prospectus, which contains the only legally binding terms of the Certificates and other information related to the Issue. The Prospectus is obtainable free of charge from the Issuer/Lead Manager/Certificate Agent. Before investing in the Securities you should read the risk factors described under Risk Information below and in the Prospectus. The Final Terms may describe additional risk factors relating to the Securities.

PRODUCTS

ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB531W0	GB531W	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 5,400	EUR 5,400	EUR 15,600	EUR 99.79	February 21, 2020	500,000
DE000GB531Y6	GB531Y	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 8,400	EUR 8,400	EUR 15,600	EUR 70.48	February 21, 2020	500,000
DE000GB53217	GB5321	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 3,600	EUR 3,600	EUR 20,800	EUR 169.55	February 21, 2020	500,000
DE000GB53225	GB5322	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 7,800	EUR 7,800	EUR 20,800	EUR 128.58	February 21, 2020	500,000
DE000GB53266	GB5326	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 8,600	EUR 8,600	EUR 15,600	EUR 42.98	February 21, 2020	500,000
DE000GB53274	GB5327	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 8,600	EUR 8,600	EUR 20,800	EUR 95.19	February 21, 2020	500,000
DE000GB532B2	GB532B	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 8,600	EUR 8,600	EUR 15,600	EUR 58.11	February 21, 2020	500,000
DE000GB532C0	GB532C	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 6,500	EUR 6,500	EUR 15,600	EUR 53.59	February 21, 2020	500,000
DE000GB532D8	GB532D	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 6,500	EUR 6,500	EUR 15,600	EUR 47.76	February 21, 2020	500,000
DE000GB532E6	GB532E	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 8,600	EUR 8,600	EUR 15,600	EUR 50.99	February 21, 2020	500,000

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SECURITIES DIVISION

ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB532F3	GB532F	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 8,600	EUR 8,600	EUR 20,800	EUR 103.2	February 21, 2020	500,000
DE000GB532H9	GB532H	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 6,500	EUR 6,500	EUR 20,800	EUR 99.97	February 21, 2020	500,000
DE000GB532J5	GB532J	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 9,600	EUR 9,600	EUR 15,600	EUR 58.68	February 21, 2020	500,000
DE000GB532M9	GB532M	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 6,600	EUR 6,600	EUR 20,800	EUR 116.79	February 21, 2020	500,000
DE000GB532P2	GB532P	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 9,000	EUR 9,000	EUR 20,800	EUR 116.78	February 21, 2020	500,000
DE000GB532Q0	GB532Q	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 6,600	EUR 6,600	EUR 15,600	EUR 74.37	February 21, 2020	500,000
DE000GB532R8	GB532R	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 6,600	EUR 6,600	EUR 20,800	EUR 126.58	February 21, 2020	500,000
DE000GB532U2	GB532U	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 8,600	EUR 8,600	EUR 20,800	EUR 110.32	February 21, 2020	500,000
DE000GB532W8	GB532W	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 6,500	EUR 6,500	EUR 20,800	EUR 105.8	February 21, 2020	500,000
DE000GB532Y4	GB532Y	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 9,600	EUR 9,600	EUR 15,600	EUR 54.34	February 21, 2020	500,000
DE000GB53308	GB5330	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 9,000	EUR 9,000	EUR 20,800	EUR 111.95	February 21, 2020	500,000
DE000GB53316	GB5331	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 6,600	EUR 6,600	EUR 15,600	EUR 64.58	February 21, 2020	500,000
DE000GB53340	GB5334	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 12,000	EUR 12,000	EUR 15,600	EUR 35.24	February 21, 2020	500,000
DE000GB53373	GB5337	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 9,800	EUR 9,800	EUR 15,600	EUR 34.44	February 21, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB53399	GB5339	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 7,000	EUR 7,000	EUR 15,600	EUR 77.84	February 21, 2020	500,000
DE000GB533B0	GB533B	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 9,800	EUR 9,800	EUR 20,800	EUR 95.22	February 21, 2020	500,000
DE000GB533C8	GB533C	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 9,800	EUR 9,800	EUR 15,600	EUR 48.42	February 21, 2020	500,000
DE000GB533H7	GB533H	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 9,800	EUR 9,800	EUR 20,800	EUR 89.38	February 21, 2020	500,000
DE000GB533N5	GB533N	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 9,800	EUR 9,800	EUR 15,600	EUR 43.01	February 21, 2020	500,000
DE000GB533P0	GB533P	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 9,800	EUR 9,800	EUR 15,600	EUR 37.17	February 21, 2020	500,000
DE000GB533Q8	GB533Q	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 6,600	EUR 6,600	EUR 20,800	EUR 140.29	February 21, 2020	500,000
DE000GB533T2	GB533T	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 7,000	EUR 7,000	EUR 20,800	EUR 130.05	February 21, 2020	500,000
DE000GB533U0	GB533U	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 9,800	EUR 9,800	EUR 20,800	EUR 86.65	February 21, 2020	500,000
DE000GB533Y2	GB533Y	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 6,600	EUR 6,600	EUR 15,600	EUR 88.08	February 21, 2020	500,000
DE000GB533Z9	GB533Z	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 7,200	EUR 7,200	EUR 20,800	EUR 121.85	February 21, 2020	500,000
DE000GB53415	GB5341	DAX [®] (Performance Index)	0.01	EUR 13,500	EUR 11,400	EUR 11,400	EUR 15,600	EUR 31.3	February 21, 2020	500,000
DE000GB53423	GB5342	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 7,600	EUR 7,600	EUR 15,600	EUR 72.5	February 21, 2020	500,000
DE000GB53449	GB5344	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,200	EUR 7,200	EUR 20,800	EUR 112.87	February 21, 2020	500,000

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DE000GB53456	GB5345	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 11,100	EUR 11,100	EUR 15,600	EUR 31.21	February 21, 2020	500,000
DE000GB53464	GB5346	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 11,100	EUR 11,100	EUR 20,800	EUR 83.42	February 21, 2020	500,000
DE000GB53472	GB5347	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 7,600	EUR 7,600	EUR 15,600	EUR 66.36	February 21, 2020	500,000
DE000GB534A0	GB534A	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 11,100	EUR 11,100	EUR 15,600	EUR 29.7	February 21, 2020	500,000
DE000GB534D4	GB534D	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,200	EUR 7,200	EUR 15,600	EUR 60.66	February 21, 2020	500,000
DE000GB534E2	GB534E	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 11,100	EUR 11,100	EUR 20,800	EUR 81.91	February 21, 2020	500,000
DE000GB534J1	GB534J	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 10,800	EUR 10,800	EUR 20,800	EUR 95.84	February 21, 2020	500,000
DE000GB534K9	GB534K	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 7,200	EUR 7,200	EUR 15,600	EUR 50.14	February 21, 2020	500,000
DE000GB534L7	GB534L	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 10,800	EUR 10,800	EUR 15,600	EUR 46.94	February 21, 2020	500,000
DE000GB534N3	GB534N	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 7,200	EUR 7,200	EUR 20,800	EUR 102.35	February 21, 2020	500,000
DE000GB534P8	GB534P	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 10,800	EUR 10,800	EUR 20,800	EUR 99.15	February 21, 2020	500,000
DE000GB534R4	GB534R	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 7,200	EUR 7,200	EUR 20,800	EUR 97.12	February 21, 2020	500,000
DE000GB534X2	GB534X	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 9,800	EUR 9,800	EUR 20,800	EUR 100.63	February 21, 2020	500,000
DE000GB534Z7	GB534Z	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 7,200	EUR 7,200	EUR 15,600	EUR 44.91	February 21, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB53506	GB5350	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 10,800	EUR 10,800	EUR 15,600	EUR 43.63	February 21, 2020	500,000
DE000GB53548	GB5354	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 11,600	EUR 11,600	EUR 20,800	EUR 88.79	February 21, 2020	500,000
DE000GB53555	GB5355	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 7,800	EUR 7,800	EUR 15,600	EUR 42.37	February 21, 2020	500,000
DE000GB53571	GB5357	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 11,600	EUR 11,600	EUR 15,600	EUR 36.58	February 21, 2020	500,000
DE000GB535C3	GB535C	DAX [®] (Performance Index)	0.01	EUR 13,700	EUR 11,600	EUR 11,600	EUR 20,800	EUR 85.18	February 21, 2020	500,000
DE000GB535H2	GB535H	DAX [®] (Performance Index)	0.01	EUR 13,700	EUR 11,600	EUR 11,600	EUR 15,600	EUR 32.97	February 21, 2020	500,000
DE000GB535L4	GB535L	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 7,200	EUR 7,200	EUR 20,800	EUR 134.44	February 21, 2020	500,000
DE000GB535M2	GB535M	DAX [®] (Performance Index)	0.01	EUR 13,500	EUR 11,400	EUR 11,400	EUR 20,800	EUR 83.51	February 21, 2020	500,000
DE000GB535Q3	GB535Q	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 7,200	EUR 7,200	EUR 15,600	EUR 82.23	February 21, 2020	500,000
DE000GB535U5	GB535U	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 7,600	EUR 7,600	EUR 20,800	EUR 124.71	February 21, 2020	500,000
DE000GB535X9	GB535X	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 3,600	EUR 3,600	EUR 15,600	EUR 107.96	February 21, 2020	500,000
DE000GB535Y7	GB535Y	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 11,900	EUR 11,900	EUR 20,800	EUR 86.17	February 21, 2020	500,000
DE000GB535Z4	GB535Z	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 8,400	EUR 8,400	EUR 15,600	EUR 65.19	February 21, 2020	500,000
DE000GB53621	GB5362	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 3,600	EUR 3,600	EUR 20,800	EUR 160.17	February 21, 2020	500,000

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DE000GB53639	GB5363	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 3,600	EUR 3,600	EUR 20,800	EUR 136.11	February 21, 2020	500,000
DE000GB53647	GB5364	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 8,400	EUR 8,400	EUR 15,600	EUR 59.75	February 21, 2020	500,000
DE000GB53662	GB5366	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 7,800	EUR 7,800	EUR 20,800	EUR 116.91	February 21, 2020	500,000
DE000GB53688	GB5368	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 11,700	EUR 11,700	EUR 20,800	EUR 85.74	February 21, 2020	500,000
DE000GB536A5	GB536A	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,800	EUR 7,800	EUR 20,800	EUR 108.68	February 21, 2020	500,000
DE000GB536C1	GB536C	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 3,600	EUR 3,600	EUR 15,600	EUR 83.9	February 21, 2020	500,000
DE000GB536F4	GB536F	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 11,900	EUR 11,900	EUR 15,600	EUR 33.96	February 21, 2020	500,000
DE000GB536K4	GB536K	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,800	EUR 7,800	EUR 15,600	EUR 56.47	February 21, 2020	500,000
DE000GB536L2	GB536L	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 11,700	EUR 11,700	EUR 15,600	EUR 33.54	February 21, 2020	500,000
DE000GB536Q1	GB536Q	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 7,800	EUR 7,800	EUR 15,600	EUR 47.02	February 21, 2020	500,000
DE000GB536S7	GB536S	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 7,800	EUR 7,800	EUR 20,800	EUR 99.23	February 21, 2020	500,000
DE000GB536W9	GB536W	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 11,200	EUR 11,200	EUR 15,600	EUR 43.03	February 21, 2020	500,000
DE000GB536Z2	GB536Z	DAX [®] (Performance Index)	0.01	EUR 13,300	EUR 7,800	EUR 7,800	EUR 20,800	EUR 94.58	February 21, 2020	500,000
DE000GB53720	GB5372	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 8,400	EUR 8,400	EUR 20,800	EUR 117.4	February 21, 2020	500,000

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DE000GB531X8	GB531X	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 11,600	EUR 11,600	EUR 20,800	EUR 90.16	March 20, 2020	500,000
DE000GB532A4	GB532A	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 3,600	EUR 3,600	EUR 20,800	EUR 165.44	March 20, 2020	500,000
DE000GB532G1	GB532G	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 3,600	EUR 3,600	EUR 20,800	EUR 125.93	March 20, 2020	500,000
DE000GB53332	GB5333	DAX [®] (Performance Index)	0.01	EUR 13,500	EUR 11,400	EUR 11,400	EUR 20,800	EUR 81.73	March 20, 2020	500,000
DE000GB53365	GB5336	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 6,600	EUR 6,600	EUR 20,800	EUR 109.65	March 20, 2020	500,000
DE000GB533D6	GB533D	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,200	EUR 7,200	EUR 20,800	EUR 106.35	March 20, 2020	500,000
DE000GB53480	GB5348	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 7,800	EUR 7,800	EUR 15,600	EUR 50.57	March 20, 2020	500,000
DE000GB534F9	GB534F	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 7,800	EUR 7,800	EUR 15,600	EUR 42.56	March 20, 2020	500,000
DE000GB535D1	GB535D	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 8,600	EUR 8,600	EUR 20,800	EUR 98.22	March 20, 2020	500,000
DE000GB53605	GB5360	DAX [®] (Performance Index)	0.01	EUR 13,400	EUR 11,100	EUR 11,100	EUR 20,800	EUR 81.77	March 20, 2020	500,000
DE000GB536H0	GB536H	DAX [®] (Performance Index)	0.01	EUR 13,600	EUR 9,800	EUR 9,800	EUR 20,800	EUR 91.51	March 20, 2020	500,000
DE000GB534C6	GB534C	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 7,800	EUR 7,800	EUR 15,600	EUR 75.49	June 19, 2020	500,000
DE000GB534V6	GB534V	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 7,600	EUR 7,600	EUR 15,600	EUR 75.57	June 19, 2020	500,000
DE000GB53514	GB5351	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,000	EUR 12,000	EUR 15,600	EUR 33.99	June 19, 2020	500,000

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DE000GB535E9	GB535E	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 11,700	EUR 11,700	EUR 15,600	EUR 27.12	June 19, 2020	500,000
DE000GB535R1	GB535R	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 11,600	EUR 11,600	EUR 15,600	EUR 37.75	June 19, 2020	500,000
DE000GB535T7	GB535T	DAX [®] (Performance Index)	0.01	EUR 13,800	EUR 9,800	EUR 9,800	EUR 20,800	EUR 88.67	June 19, 2020	500,000
DE000GB536U3	GB536U	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,400	EUR 12,400	EUR 15,600	EUR 30.24	June 19, 2020	500,000
DE000GB53704	GB5370	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,400	EUR 12,400	EUR 20,800	EUR 82.59	June 19, 2020	500,000
DE000GB53233	GB5323	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 7,200	EUR 7,200	EUR 20,800	EUR 100.54	September 18, 2020	500,000
DE000GB532K3	GB532K	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 7,800	EUR 7,800	EUR 15,600	EUR 70.08	September 18, 2020	500,000
DE000GB532N7	GB532N	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 7,800	EUR 7,800	EUR 15,600	EUR 74.35	September 18, 2020	500,000
DE000GB532Z1	GB532Z	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 7,800	EUR 7,800	EUR 15,600	EUR 54.85	September 18, 2020	500,000
DE000GB53324	GB5332	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 6,600	EUR 6,600	EUR 20,800	EUR 138.09	September 18, 2020	500,000
DE000GB53381	GB5338	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 9,000	EUR 9,000	EUR 20,800	EUR 91.63	September 18, 2020	500,000
DE000GB533A2	GB533A	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 9,000	EUR 9,000	EUR 20,800	EUR 99.13	September 18, 2020	500,000
DE000GB533E4	GB533E	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 11,600	EUR 11,600	EUR 15,600	EUR 38.07	September 18, 2020	500,000
DE000GB533K1	GB533K	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 10,800	EUR 10,800	EUR 20,800	EUR 87.25	September 18, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB533L9	GB533L	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 10,800	EUR 10,800	EUR 15,600	EUR 45.7	September 18, 2020	500,000
DE000GB533M7	GB533M	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 10,800	EUR 10,800	EUR 20,800	EUR 98.03	September 18, 2020	500,000
DE000GB533R6	GB533R	DAX [®] (Performance Index)	0.01	EUR 14,000	EUR 10,800	EUR 10,800	EUR 20,800	EUR 82.9	September 18, 2020	500,000
DE000GB533V8	GB533V	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 9,600	EUR 9,600	EUR 15,600	EUR 57.18	September 18, 2020	500,000
DE000GB533X4	GB533X	DAX [®] (Performance Index)	0.01	EUR 13,900	EUR 9,800	EUR 9,800	EUR 20,800	EUR 86.33	September 18, 2020	500,000
DE000GB534B8	GB534B	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,400	EUR 12,400	EUR 15,600	EUR 30.45	September 18, 2020	500,000
DE000GB534H5	GB534H	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,000	EUR 12,000	EUR 15,600	EUR 34.26	September 18, 2020	500,000
DE000GB534M5	GB534M	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,400	EUR 12,400	EUR 20,800	EUR 80.17	September 18, 2020	500,000
DE000GB534S2	GB534S	DAX [®] (Performance Index)	0.01	EUR 13,900	EUR 11,700	EUR 11,700	EUR 15,600	EUR 25.7	September 18, 2020	500,000
DE000GB534T0	GB534T	DAX [®] (Performance Index)	0.01	EUR 13,900	EUR 11,700	EUR 11,700	EUR 20,800	EUR 78.02	September 18, 2020	500,000
DE000GB535W1	GB535W	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 7,000	EUR 7,000	EUR 20,800	EUR 126.2	September 18, 2020	500,000
DE000GB536B3	GB536B	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 6,600	EUR 6,600	EUR 20,800	EUR 115	September 18, 2020	500,000
DE000GB53209	GB5320	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 9,600	EUR 9,600	EUR 20,800	EUR 105.76	December 18, 2020	500,000
DE000GB532S6	GB532S	DAX [®] (Performance Index)	0.01	EUR 14,200	EUR 11,800	EUR 11,800	EUR 15,600	EUR 25.1	December 18, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB532T4	GB532T	DAX [®] (Performance Index)	0.01	EUR 14,200	EUR 11,200	EUR 11,200	EUR 20,800	EUR 80.16	December 18, 2020	500,000
DE000GB532V0	GB532V	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 11,600	EUR 11,600	EUR 20,800	EUR 87.87	December 18, 2020	500,000
DE000GB533G9	GB533G	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,400	EUR 12,400	EUR 15,600	EUR 28.62	December 18, 2020	500,000
DE000GB533J3	GB533J	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,800	EUR 12,800	EUR 20,800	EUR 77.21	December 18, 2020	500,000
DE000GB533S4	GB533S	DAX [®] (Performance Index)	0.01	EUR 14,800	EUR 12,400	EUR 12,400	EUR 15,600	EUR 24.56	December 18, 2020	500,000
DE000GB533W6	GB533W	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,000	EUR 12,000	EUR 15,600	EUR 32.17	December 18, 2020	500,000
DE000GB53407	GB5340	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 3,600	EUR 3,600	EUR 20,800	EUR 124.13	December 18, 2020	500,000
DE000GB53530	GB5353	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 7,200	EUR 7,200	EUR 20,800	EUR 117.16	December 18, 2020	500,000
DE000GB53563	GB5356	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 7,200	EUR 7,200	EUR 20,800	EUR 104.15	December 18, 2020	500,000
DE000GB535F6	GB535F	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 6,800	EUR 6,800	EUR 20,800	EUR 130.7	December 18, 2020	500,000
DE000GB535N0	GB535N	DAX [®] (Performance Index)	0.01	EUR 16,000	EUR 3,600	EUR 3,600	EUR 20,800	EUR 165.48	December 18, 2020	500,000
DE000GB535S9	GB535S	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 3,600	EUR 3,600	EUR 20,800	EUR 149.96	December 18, 2020	500,000
DE000GB53613	GB5361	DAX [®] (Performance Index)	0.01	EUR 14,200	EUR 8,600	EUR 8,600	EUR 20,800	EUR 92.83	December 18, 2020	500,000
DE000GB53696	GB5369	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 8,000	EUR 8,000	EUR 20,800	EUR 114.48	December 18, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB536D9	GB536D	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 8,400	EUR 8,400	EUR 20,800	EUR 116.48	December 18, 2020	500,000
DE000GB536Y5	GB536Y	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 7,600	EUR 7,600	EUR 20,800	EUR 123.59	December 18, 2020	500,000
DE000GB53712	GB5371	DAX [®] (Performance Index)	0.01	EUR 14,400	EUR 8,800	EUR 8,800	EUR 20,800	EUR 95.12	December 18, 2020	500,000
DE000GB531Z3	GB531Z	DAX [®] (Performance Index)	0.01	EUR 14,800	EUR 12,400	EUR 12,400	EUR 20,800	EUR 74.99	March 19, 2021	500,000
DE000GB53241	GB5324	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 12,400	EUR 12,400	EUR 15,600	EUR 24.97	March 19, 2021	500,000
DE000GB53258	GB5325	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,600	EUR 12,600	EUR 20,800	EUR 74.49	March 19, 2021	500,000
DE000GB53282	GB5328	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,400	EUR 12,400	EUR 15,600	EUR 26.91	March 19, 2021	500,000
DE000GB53290	GB5329	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,800	EUR 12,800	EUR 20,800	EUR 75.44	March 19, 2021	500,000
DE000GB53431	GB5343	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 6,600	EUR 6,600	EUR 20,800	EUR 136.7	March 19, 2021	500,000
DE000GB534G7	GB534G	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 6,800	EUR 6,800	EUR 15,600	EUR 73.34	March 19, 2021	500,000
DE000GB534Y0	GB534Y	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 3,600	EUR 3,600	EUR 20,800	EUR 141.71	March 19, 2021	500,000
DE000GB53589	GB5358	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 8,000	EUR 8,000	EUR 15,600	EUR 57.54	March 19, 2021	500,000
DE000GB53597	GB5359	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 8,000	EUR 8,000	EUR 15,600	EUR 63.43	March 19, 2021	500,000
DE000GB535B5	GB535B	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 8,000	EUR 8,000	EUR 20,800	EUR 123.54	March 19, 2021	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB535G4	GB535G	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 7,200	EUR 7,200	EUR 15,600	EUR 70.04	March 19, 2021	500,000
DE000GB535J8	GB535J	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 7,200	EUR 7,200	EUR 20,800	EUR 131.06	March 19, 2021	500,000
DE000GB535V3	GB535V	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 7,200	EUR 7,200	EUR 20,800	EUR 111.54	March 19, 2021	500,000
DE000GB53654	GB5365	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,000	EUR 12,000	EUR 15,600	EUR 30.21	March 19, 2021	500,000
DE000GB536G2	GB536G	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 11,200	EUR 11,200	EUR 20,800	EUR 93.38	March 19, 2021	500,000
DE000GB536N8	GB536N	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 10,400	EUR 10,400	EUR 15,600	EUR 43.48	March 19, 2021	500,000
DE000GB536P3	GB536P	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 10,000	EUR 10,000	EUR 20,800	EUR 104.72	March 19, 2021	500,000
DE000GB536R9	GB536R	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 11,200	EUR 11,200	EUR 15,600	EUR 36.84	March 19, 2021	500,000
DE000GB536T5	GB536T	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 9,600	EUR 9,600	EUR 15,600	EUR 50.16	March 19, 2021	500,000
DE000GB536V1	GB536V	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 8,800	EUR 8,800	EUR 20,800	EUR 116.01	March 19, 2021	500,000
DE000GB532L1	GB532L	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 3,600	EUR 3,600	EUR 20,800	EUR 134.81	June 18, 2021	500,000
DE000GB532X6	GB532X	DAX [®] (Performance Index)	0.01	EUR 14,800	EUR 3,600	EUR 3,600	EUR 20,800	EUR 123.89	June 18, 2021	500,000
DE000GB53357	GB5335	DAX [®] (Performance Index)	0.01	EUR 16,000	EUR 3,600	EUR 3,600	EUR 20,800	EUR 153.05	June 18, 2021	500,000
DE000GB533F1	GB533F	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 8,000	EUR 8,000	EUR 15,600	EUR 53.66	June 18, 2021	500,000

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DE000GB53498	GB5349	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 10,400	EUR 10,400	EUR 20,800	EUR 98.45	June 18, 2021	500,000
DE000GB534Q6	GB534Q	DAX [®] (Performance Index)	0.01	EUR 14,800	EUR 8,800	EUR 8,800	EUR 20,800	EUR 94.24	June 18, 2021	500,000
DE000GB534U8	GB534U	DAX [®] (Performance Index)	0.01	EUR 15,200	EUR 8,800	EUR 8,800	EUR 20,800	EUR 99.61	June 18, 2021	500,000
DE000GB534W4	GB534W	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 8,000	EUR 8,000	EUR 15,600	EUR 59.47	June 18, 2021	500,000
DE000GB53522	GB5352	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 12,000	EUR 12,000	EUR 15,600	EUR 25.32	June 18, 2021	500,000
DE000GB535A7	GB535A	DAX [®] (Performance Index)	0.01	EUR 14,800	EUR 11,800	EUR 11,800	EUR 15,600	EUR 25.55	June 18, 2021	500,000
DE000GB535K6	GB535K	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 11,600	EUR 11,600	EUR 20,800	EUR 82.97	June 18, 2021	500,000
DE000GB535P5	GB535P	DAX [®] (Performance Index)	0.01	EUR 15,000	EUR 11,600	EUR 11,600	EUR 20,800	EUR 79.22	June 18, 2021	500,000
DE000GB53670	GB5367	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 12,800	EUR 12,800	EUR 20,800	EUR 76.77	June 18, 2021	500,000
DE000GB536E7	GB536E	DAX [®] (Performance Index)	0.01	EUR 15,800	EUR 12,800	EUR 12,800	EUR 20,800	EUR 74.51	June 18, 2021	500,000
DE000GB536J6	GB536J	DAX [®] (Performance Index)	0.01	EUR 15,400	EUR 12,400	EUR 12,400	EUR 15,600	EUR 24.5	June 18, 2021	500,000
DE000GB536M0	GB536M	DAX [®] (Performance Index)	0.01	EUR 15,600	EUR 12,400	EUR 12,400	EUR 15,600	EUR 25.43	June 18, 2021	500,000
DE000GB536X7	GB536X	DAX [®] (Performance Index)	0.01	EUR 16,400	EUR 12,200	EUR 12,200	EUR 20,800	EUR 82.18	June 18, 2021	500,000
DE000GB53746	GB5374	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,800	EUR 960	EUR 960	EUR 4,750	EUR 29.09	February 21, 2020	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB53753	GB5375	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,000	EUR 960	EUR 960	EUR 4,750	EUR 36.98	February 21, 2020	500,000
DE000GB53761	GB5376	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,800	EUR 2,000	EUR 2,000	EUR 4,750	EUR 21.88	February 21, 2020	500,000
DE000GB53779	GB5377	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,900	EUR 3,200	EUR 3,200	EUR 4,750	EUR 14.61	February 21, 2020	500,000
DE000GB53787	GB5378	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,000	EUR 3,200	EUR 3,200	EUR 4,750	EUR 15.21	February 21, 2020	500,000
DE000GB53795	GB5379	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,900	EUR 3,300	EUR 3,300	EUR 5,800	EUR 24.25	February 21, 2020	500,000
DE000GB537A3	GB537A	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,000	EUR 3,400	EUR 3,400	EUR 4,750	EUR 13.28	February 21, 2020	500,000
DE000GB537E5	GB537E	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,900	EUR 2,000	EUR 2,000	EUR 4,750	EUR 25.47	February 21, 2020	500,000
DE000GB537F2	GB537F	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,000	EUR 2,400	EUR 2,400	EUR 4,750	EUR 23	February 21, 2020	500,000
DE000GB537G0	GB537G	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,800	EUR 2,800	EUR 2,800	EUR 4,750	EUR 16.07	February 21, 2020	500,000
DE000GB537H8	GB537H	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,900	EUR 2,800	EUR 2,800	EUR 4,750	EUR 18.19	February 21, 2020	500,000
DE000GB537J4	GB537J	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,000	EUR 2,800	EUR 2,800	EUR 4,750	EUR 19.1	February 21, 2020	500,000
DE000GB537K2	GB537K	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 3,750	EUR 3,100	EUR 3,100	EUR 4,750	EUR 13.08	February 21, 2020	500,000
DE000GB537B1	GB537B	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,200	EUR 2,400	EUR 2,400	EUR 4,750	EUR 23.01	June 19, 2020	500,000
DE000GB53738	GB5373	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,600	EUR 3,200	EUR 3,200	EUR 4,750	EUR 14.9	June 18, 2021	500,000

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ISIN	WKN	Underlying	Ratio	Barrier Level	Bonus	Cap	Reverse Level	Issue Price	Maturity Date	Issue Size (Certificates)
DE000GB537C9	GB537C	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,600	EUR 2,000	EUR 2,000	EUR 4,750	EUR 26.33	June 18, 2021	500,000
DE000GB537D7	GB537D	EURO STOXX 50 [®] Index (Price EUR)	0.01	EUR 4,600	EUR 2,800	EUR 2,800	EUR 4,750	EUR 18.72	June 18, 2021	500,000

UNDERLYING INFORMATION

Underlying	Bloomberg	Reuters	Reference Currency	ISIN	Index Sponsor	Spot Reference
DAX [®] (Performance Index)*	DAX Index	.GDAXI	EUR	DE0008469008	Deutsche Börse AG	EUR 12961.05
EURO STOXX 50 [®] Index (Price EUR)**	SX5E Index	.STOXX50E	EUR	EU0009658145	STOXX Limited	EUR 3623.74

GENERAL INFORMATION

DATES

Strike Date	November 1, 2019
Start of Public Offering (DE)	November 6, 2019
Start of Public Offering (AT)	November 6, 2019
Settlement Date	November 8, 2019
First Trading Date	November 6, 2019
Last Trading Date	The day immediately preceding the Maturity Date on which the exchange where the Certificates are listed is open for trading.

PRODUCT INFORMATION

Certificate Right	Each Certificate entitles the holder, in accordance with the respective Terms and Conditions of the Certificates, to
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receive 3 Business Days after the Valuation Date **either:**

If during the Observation Period the Underlying Price was never equal to or above the Barrier Level:

Ratio
 $\cdot (\text{ReverseLevel} - \text{Max}[\text{Min}[\text{Bonus}; \text{ReferencePrice}(\text{Final})]; \text{Cap}])$

otherwise:

Ratio $\cdot \text{Max}[0; (\text{ReverseLevel} - \text{Max}[\text{ReferencePrice}(\text{Final}); \text{Cap}])]$

The settlement price (official special quotation) of the option on the Underlying on the Maturity Date as published by the derivatives exchange. If on such a day no official settlement price is available, the official closing price of the Underlying on any Index Calculation Day as calculated and published by the Index Sponsor.

Reference Price

Reference Price (Final)

The Reference Price on the Valuation Date

Underlying Price

The official price of the Underlying at any time on any Index

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	Calculation Day as calculated and published by the Index Sponsor.
Index Calculation Day	Such day on which the Underlying is usually calculated and published by the Index Sponsor
Valuation Date	Maturity Date. If such date is not an Index Calculation Day, the next following Index Calculation Day shall be the Valuation Date.
Observation Period	From the First Trading Date (including) to the Valuation Date (including)
Business Days	TARGET
Listing	Application will be made to include the Certificates in the Segment Börse Frankfurt Zertifikate Premium of the Frankfurt Stock Exchange and in the regulated unofficial market (Freiverkehr) of the Stuttgart Stock Exchange (EUWAX), in each case for continuous trading.
Secondary Trading	The Issuer intends to make a market in the securities on a regular basis under normal market conditions, but the Issuer does not commit and is under no obligation legal or otherwise to make any market in the securities.
Issue Size	The Issuer reserves the right to increase the Issue Size at any time.
Trading Size	1 Certificate
Minimum Exercise	1 Certificate
Section 871(m)	The Issuer has determined that, as of the Trade Date, the Certificates will not be subject to withholding under Section 871(m) of the U.S. Internal Revenue Code.

ISSUER

Issuer	Goldman, Sachs & Co. Wertpapier GmbH, Frankfurt, Germany
Certificate Agent	Goldman Sachs Bank Europe SE, Frankfurt, Germany
Lead Manager	Goldman Sachs Bank Europe SE, Frankfurt, Germany
Calculation Agent	Goldman Sachs International, London, GB
Guarantor	The Goldman Sachs Group, Inc., Delaware, USA
Guarantor Rating	A3 (Moody's)/ BBB+ (Standard & Poor's) / A (Fitch)
Depository	Clearstream Banking AG, Frankfurt am Main

Fees payable by GS:

A selling commission may have been paid by Goldman Sachs International or any of its affiliates (collectively, "GS") in relation to this transaction. Please refer to the Final Terms for further details.

OFFERING INFORMATION

These Certificates have not been and will not be registered under the U.S. Securities Act of 1933. These Certificates may not be offered or sold within the United States or to, or for the benefit of, United States Persons (as defined in Regulation S under the Securities Act). This Document may not be distributed in the United States.

Information for German investors: This document is neither a sales prospectus in terms of the German Securities Sales Prospectus Act, nor a prospectus in terms of the German Securities Prospectus Act or general civil law, and may not be interpreted as such. Reference should be made to the published base prospectus including any supplements thereto and the final terms relating to the Certificates (together referred to as the "**Prospectus**"), which contain the only legally binding terms of the Certificates. The final terms relating to the Certificates will be published in Germany on the first day of the public offering by being made available free of charge at Goldman Sachs Bank Europe SE, Marienurm, Taunusanlage 9-10, 60329 Frankfurt am Main. In addition, the base prospectus, any supplements thereto and the final terms will be available for investors from the first day of the public offering in electronic form on the issuer's, offeror's and paying agent's website www.gs.de. The public offering of the Certificates in Germany is expected to commence on the date stated above as the Start of Public Offering (DE).

Information for Austrian investors: This document (the "Document") serves marketing

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871(m) to the Certificates.

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