

HAIRCUTS DEUDA EXTERNA ENERO DE 2023

| NOMBRE_BBRG | MARKET_ISSUE | calcTypDes | denominacion | mtyTyp | fecha_emision | fecha_vencimiento |
|--------------|--------------|-------------------|--------------|-------------|---------------|-------------------|
| XS1385239006 | GLOBAL | STREET CONVENTION | EUR | AT MATURITY | 24/02/1997 | 22/03/2026 |
| XS0833886095 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 21/03/2023 |
| XS0306322065 | GLOBAL | STREET CONVENTION | COP | AT MATURITY | 28/06/2007 | 28/06/2027 |
| USP3772NHK11 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 15/03/2023 |
| US195325DZ51 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 12/11/2021 | 22/04/2032 |
| US195325DX04 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 22/01/2021 | 15/02/2061 |
| US195325DT91 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 4/06/2020 | 15/05/2051 |
| US195325DS19 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 4/06/2020 | 15/04/2031 |
| US195325DR36 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 30/01/2020 | 30/01/2030 |
| US195325DQ52 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2019 | 15/05/2049 |
| US195325DP79 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 12/10/2018 | 15/03/2029 |
| US195325DL65 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 25/01/2017 | 25/04/2027 |
| US195325CX13 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/09/2015 | 28/01/2026 |
| US195325CU73 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2015 | 15/06/2045 |
| US195325BR53 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2044 |
| US195325BQ70 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 26/02/2024 |
| US195325BM66 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 20/10/2009 | 18/01/2041 |
| US195325BK01 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 19/09/2006 | 18/09/2037 |
| US195325BD67 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 21/01/2004 | 21/05/2024 |
| US195325BB02 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 28/01/2003 | 28/01/2033 |
| US195325AQ89 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 17/03/2000 | 9/03/2028 |
| US195325AL92 | GLOBAL | STREET CONVENTION | USD | AT MATURITY | 24/02/1997 | 15/02/2027 |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3,347% | 4,363% | 5,138% | 6,150% | 7,406% | 9,126% | 9,397% | 9,574% | 10,683% | 12,007% | 12,821% | 13,631% | 14,092% |
| 3,000% | 3,331% | 4,107% | 4,577% | 4,577% | 4,577% | 4,577% | 4,577% | 4,717% | 5,180% | 5,624% | 6,022% | 6,859% |
| 3,378% | 4,338% | 6,488% | 6,509% | 6,698% | 7,157% | 7,396% | 7,797% | 8,332% | 8,380% | 8,522% | 8,522% | 8,762% |
| 3,000% | 3,435% | 4,070% | 4,565% | 4,565% | 4,565% | 4,565% | 4,565% | 4,612% | 5,169% | 5,807% | 6,059% | 6,928% |
| 3,581% | 5,405% | 6,820% | 7,362% | 8,033% | 8,586% | 9,809% | 9,898% | 12,888% | 13,543% | 14,455% | 16,000% | 16,000% |
| 4,357% | 7,314% | 8,123% | 9,885% | 10,660% | 12,336% | 13,761% | 14,554% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 4,874% | 7,275% | 8,461% | 9,745% | 11,410% | 12,785% | 13,187% | 14,593% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 3,452% | 5,186% | 6,815% | 7,078% | 7,780% | 8,233% | 9,664% | 9,773% | 12,889% | 13,858% | 14,935% | 16,000% | 16,000% |
| 3,333% | 4,931% | 6,449% | 6,740% | 7,375% | 7,777% | 9,060% | 9,218% | 11,848% | 12,462% | 13,702% | 15,760% | 16,000% |
| 3,948% | 5,924% | 7,510% | 8,659% | 9,340% | 10,838% | 11,695% | 13,026% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 3,165% | 4,999% | 6,129% | 6,720% | 6,720% | 7,114% | 8,293% | 8,383% | 10,784% | 11,860% | 13,355% | 15,444% | 15,930% |
| 3,000% | 3,945% | 4,966% | 5,516% | 5,516% | 5,516% | 6,425% | 6,526% | 8,113% | 9,060% | 10,740% | 11,301% | 11,447% |
| 3,000% | 3,751% | 4,446% | 5,212% | 5,212% | 5,212% | 5,623% | 5,724% | 6,672% | 7,382% | 8,469% | 9,442% | 9,463% |
| 4,552% | 5,897% | 8,278% | 9,498% | 10,217% | 11,148% | 11,991% | 12,444% | 15,597% | 16,000% | 16,000% | 16,000% | 16,000% |
| 4,346% | 5,861% | 8,061% | 9,292% | 9,324% | 10,485% | 11,472% | 11,847% | 14,687% | 16,000% | 16,000% | 16,000% | 16,000% |
| 3,000% | 3,495% | 4,076% | 4,636% | 4,636% | 4,636% | 4,884% | 4,953% | 5,062% | 5,634% | 6,425% | 6,637% | 7,338% |
| 3,895% | 5,268% | 7,171% | 8,615% | 8,806% | 9,422% | 10,293% | 10,646% | 13,750% | 16,000% | 16,000% | 16,000% | 16,000% |
| 3,451% | 5,238% | 7,106% | 7,967% | 7,967% | 8,750% | 9,245% | 10,486% | 14,088% | 16,000% | 16,000% | 16,000% | 16,000% |
| 3,018% | 3,534% | 4,255% | 4,766% | 4,766% | 4,766% | 4,991% | 5,016% | 5,384% | 6,019% | 6,766% | 7,371% | 7,824% |
| 3,000% | 5,507% | 5,809% | 7,138% | 8,058% | 8,538% | 9,826% | 11,495% | 13,090% | 13,664% | 14,034% | 16,000% | 16,000% |
| 3,000% | 4,146% | 5,234% | 5,835% | 5,835% | 5,835% | 6,268% | 6,395% | 8,378% | 10,052% | 11,372% | 12,943% | 12,969% |
| 3,000% | 4,007% | 4,995% | 5,579% | 5,579% | 5,579% | 5,868% | 5,989% | 7,703% | 9,225% | 10,407% | 11,671% | 11,671% |

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| 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 60 | 61 | 62 | 63 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 7,957% | 8,621% | 9,048% | 9,048% | 9,048% | 9,048% | 9,048% | 9,048% | 9,048% | 10,180% | 10,725% | 11,150% | 11,497% |
| 13,647% | 13,952% | 15,280% | 15,661% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 7,823% | 8,054% | 8,517% | 8,517% | 8,517% | 8,517% | 8,517% | 8,517% | 8,517% | 11,229% | 11,927% | 12,302% | 12,929% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 14,534% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 10,454% | 11,494% | 12,627% | 12,627% | 12,627% | 12,627% | 12,627% | 12,627% | 12,627% | 13,558% | 13,881% | 13,881% | 13,881% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 7,493% | 7,604% | 7,969% | 7,969% | 7,969% | 7,969% | 7,969% | 7,969% | 7,969% | 9,761% | 10,176% | 10,325% | 10,734% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 8,069% | 8,069% | 8,560% | 8,560% | 8,560% | 8,560% | 8,560% | 8,560% | 8,560% | 9,598% | 9,924% | 10,014% | 10,503% |
| 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% | 16,000% |
| 14,554% | 14,554% | 15,198% | 15,198% | 15,198% | 15,198% | 15,198% | 15,198% | 15,436% | 16,000% | 16,000% | 16,000% | 16,000% |
| 12,595% | 12,595% | 13,258% | 13,258% | 13,283% | 13,283% | 13,283% | 13,283% | 13,403% | 16,000% | 16,000% | 16,000% | 16,000% |

