**DOCUMENTOS DE LA UNIDAD DE ANILLAMIENTO DE ARANZADI**

**TIPOS Y LISTA DE ANILLAS POR ESPECIE**

Versión: Sep. 2014.

Cítese este documento como:

*Unidad de Anillamiento de Aranzadi, 2014. Tipos y lista de anillas por especie, Versión Sep. 2014. Sociedad de Ciencias Aranzadi. Donostia-S. Sebastián.*

**LISTADO-RESUMEN DEL MODELO DE ANILLA POR ESPECIES**

|  |  |
| --- | --- |
| *Accipiter gentilis* | E ♀,H ♂ |
| *Accipiter nisus* | M ♀, C ♂ |
| *Acrocephalus agricola* | Y |
| *Acrocephalus arundinaceus* | L, LA, V |
| *Acrocephalus melanopogon* | Y,K |
| *Acrocephalus paludicola* | Y,K |
| *Acrocephalus schoenobaenus* | Y,K |
| *Acrocephalus scirpaceus* | Y,K |
| *Actitis hypoleucos* | LX, VX |
| *Aegithalos caudatus* | Z |
| *Aegolius funereus* | M |
| *Aegypiu smonachus* | J |
| *Alauda arvensis* | K,L |
| *Alca torda* | GX (t) |
| *Alcedo atthis* | W, KX(t) |
| *Alectoris rufa* | G ♀, H ♂ |
| *Amandava amandava* | Z |
| *Ana screcca* | MX, RX |
| *Ana sstrepera* | GX, NX |
| *Anas acuta* | GX, NX |
| *Anas clypeata* | GX, NX |
| *Anas penelope* | GX, NX |
| *Anas platyrhynchos* | H(t) |
| *Anas querquedula* | GX, NX |
| *Anser anser* | F (t), P(t) |
| *Anser fabalis* | T 16mm ♀, T 9mm ♂ |
| *Anthus berthelotii* | Y,K |
| *Anthus campestris* | T,K |
| *Anthus petrosus* | Y,K |
| *Anthus pratensis* | Y,K |
| *Anthus spinoletta* | Y,K |
| *Anthus trivialis* | K |
| *Apus apus* | V |
| *Apus caffer* | W |
| *Apus pallidus* | V |
| *Aquila adalberti* | FA, PA, |
| *Aquila chrysaetos* | FA, PA |
| *Aquila fasciata* | FA ♀, PA ♂ |
| *Ardea alba* | E(t), F(t) |
| *Ardea cinerea* | F (t),E (t) |
| *Ardea purpurea* | E(t), F (t) |
| *Ardeola ralloides* | RX |
| *Arenaria interpres* | BX (t), CX(t) |
| *Asio otus* | G,H |
| *Asio flammeus* | G, H |
| *Athene noctua* | M, RX |
| *Aythya ferina* | H |
| *Aythya fuligula* | GX, NX |
| *Aythya nyroca* | RX, GX |
| *Botarus stellaris* | H |
| *Bubo bubo* | F,P |
| *Bubulcus ibis* | GX, NX |
| *Bucanetes githagineus* | K |
| *Bulweria bulwerii* | BX (t) |
| *Burhinus oedicnemus* | GX, NX |
| *Buteo buteo* | H,E |
| *Calandrella brachydactyla* | Y, K |
| *Calandrella rufescens* | Y, K |
| *Calidris alba* | TX(t), LX(t) |
| *Calidris alpina* | TX(t), LX(t) |
| *Calidris canutus* | BX |
| *Calidris ferruginea* | LX (t), VX(t) |
| *Calidris maritima* | TX(t), LX(t) |
| *Calidris melanotos* | TX(t), LX(t) |
| *Calidris minuta* | TX(t), LX(t) |
| *Calidris temminckii* | TX(t), LX(t) |
| *Calonectris diomedea* | GX, NX |
| *Caprimulgus europaeus* | V, B,C |
| *Caprimulgus ruficollis* | B |
| *Carduelis cannabina* | Y |
| *Carduelis carduelis* | Y |
| *Carduelis citrinella* | Z |
| *Carduelis spinus* | Y |
| *Carpodacus erythrinus* | Y |
| *Cecropis daurica* | Y,K |
| *Certhia brachydactyla* | Z |
| *Certhia familiaris* | Z |
| *Cettia cetti* | Y, K |
| *Chamydotis undulata* | E |
| *Charadrius alexandrinus* | TX(t), LX (t) |
| *Charadrius dubius* | TX(t), LX (t) |
| *Charadrius hiaticula* | VX, LX |
| *Charadrius morinellus* | BX,CX |
| *Chersophilus duponti* | L |
| *Chlidonias hybrida* | BX |
| *Chlidonias niger* | TX |
| *Chloris chloris* | K, T, LA |
| *Chroicocephalus ridibundus* | AX, RX |
| *Ciconia ciconia* | F (t) |
| *Ciconia nigra* | F (t) |
| *Cinclus cinclus* | L, V, B |
| *Circaetus gallicus* | F |
| *Circus aeruginosus* | H |
| *Circus cyaneus* | G, RX, NX |
| *Circus pygargus* | G, RX, NX |
| *Cisticola juncidis* | Z |
| *Clamator glandarius* | BA |
| *Coccothraustes coccothrautes* | VX, LX |
| *Coloeus monedula* | MX, RX |
| *Columba livia* | M |
| *Columba oenas* | M, NX |
| *Columba palumbus* | BA |
| *Coracia garrulus* | C |
| *Corvus corax* | H |
| *Corvus corone* | GX |
| *Corvus frugilegus* | NX |
| *Coturnix coturnix* | C, BC |
| *Crex crex* | CX |
| *Cuculus canorus* | BA |
| *Cursorious cursor* | C |
| *Cyanistes caeruleus* | Y,K |
| *Cyanopica cyanus* | BC |
| *Cygnus cygnus* | T19 mm |
| *Delichon urbicum* | Y,K |
| *Dendrocopos major* | B,L |
| *Dendrocopos medius* | L,B |
| *Dendrocopos minor* | K, T |
| *Dryocopus martius* | M |
| *Egretta garzetta* | NX, H |
| *Elanus caeruleus* | NX,H |
| *Emberiza calandra* | V, LA |
| *Emberiza cia* | K |
| *Emberiza cirlus* | K |
| *Emberiza citrinella* | K |
| *Emberiza hortulana* | K |
| *Emberiza pusilla* | Y |
| *Emberiza schoeniclus* | Y,K |
| *Erithacus rubecula* | Y,Z |
| *Erythropygia galactotes* | T |
| *Estrilda astrild* | Z |
| *Estrilda melpoda* | Z |
| *Estrilda troglodytes* | Z |
| *Euplectes afer* | K |
| *Falco columbarius* | M |
| *Falco eleonore* | GX |
| *Falco naumanni* | BA |
| *Falco peregrinus* | H, E |
| *Falco subbuteo* | M |
| *Falco tinnunculus* | M, RX |
| *Ficedula hypoleuca* | Z,Y |
| *Ficedula parva* | Z |
| *Fringilla coelebs* | K |
| *Fringilla montifringilla* | K |
| *Fringilla teydea* | K |
| *Fulica atra* | H |
| *Fulica cristata* | H |
| *Galerida cristata* | V, L |
| *Galerida theklae* | T, V |
| *Gallinago gallinago* | CX, BX |
| *Gallinula chloropus* | GX (t) |
| *Garrulus glandarius* | BC, C |
| *Gelochelidon nilotica* | CX (t), AX(t) |
| *Glareola pranticola* | BX, CX |
| *Grus grus* | F |
| *Gypaetus barbatus* | J |
| *Gyps fulvus* | J |
| *Haematopus ostralegus* | NX (t), G (t) |
| *Hieraaetus pennatus* | E♂,F♀\* |
| *Himantopus himantopus* | AX(t), MX(t) |
| *Hippolais icterina* | K |
| *Hippolais pallida* | Y,K |
| *Hippolais polyglotta* | Y,K |
| *Hirundo rustica* | Y,K |
| *Hydrobates pelagicus* | KX(t), TX(t) |
| *Hydroprogne caspia* | LX |
| *Ichthyaetus audouinii* | GX |
| *Ichthyaetus melanocephalus* | RX, GX |
| *Ixobrichus minutus* | RX, GX |
| *Jynx torquilla* | LA, V |
| *Lanius collurio* | L, V |
| *Lanius excubitor* | BX |
| *Lanius minor* | L |
| *Lanius senator* | L, V |
| *Larus argentatus* | H |
| *Larus fuscus* | GX ♀, H ♂ |
| *Larus genei* | GX |
| *Larus michahellis* | H |
| *Limosa lapponica* | C X (t) |
| *Limosa limosa* | MX (t) |
| *Locustella luscinoides* | Y, K |
| *Locustella naevia* | Y,K |
| *Lonchura punctulata* | Y |
| *Lophophanes cristatus* | Y |
| *Loxia curvirostra* | L, VX |
| *Lullula arborea* | K, T |
| *Luscinia megarhynchos* | K |
| *Luscinia svecica* | Y,K |
| *Lymnocriptes minimus* | VX (t) ,LX (t) |
| *Marmaronetta angustirostris* | GX |
| *Melanitta nigra* | H |
| *Melanocorypha calandra* | L, V |
| *Mergus serrator* | H |
| *Merops apiaster* | V, BC |
| *Milvus migrans* | H |
| *Milvus milvus* | H |
| *Monticola saxatilis* | L,B |
| *Monticola solitarius* | L, ,B |
| *Morus bassanus* | T 19 mm |
| *Motacilla alba* | Y |
| *Motacilla flava* | Y |
| *Motacilla cinerea* | Y |
| *Muscicapa striata* | Y,Z |
| *Myopsitta monachus* | AX |
| *Neophron percnopterus* | F |
| *Netta rufina* | H |
| *Numenius arquata* | GX (t) |
| *Numenius phaeopus* | MX (t) |
| *Nycticorax nycticorax* | H |
| *Oceanodroma castro* | LX (t) |
| *Oceanodroma leucorhoa* | LX (t) |
| *Oenanthe hispanica* | K |
| *Oenanthe leucura* | T, LA |
| *Oenanthe oenanthe* | K |
| *Oriolus oriolus* | B |
| *Otus scops* | C, BA |
| *Oxyura leucocephala* | H |
| *Pandion haliaetus* | F,P |
| *Panurus biarmicus* | Z,Y |
| *Parus major* | K, T |
| *Passer domesticus* | K, T, LA |
| *Passer hispaniolensis* | K, T |
| *Passer montanus* | K |
| *Pelagodroma marina* | BX (t) |
| *Perdix perdix* | G |
| *Periparus ater* | Z,Y |
| *Pernis apivorus* | H |
| *Petronia petronia* | K, T, L |
| *Phalacrocorax aristotelis* | F |
| *Phalacrocorax carbo* | T 19 mm |
| *Phalaropus fulicaria* | LX |
| *Phalaropus lobatus* | LX |
| *Phasianus colchicus* | G |
| *Philomachus pugnax* | BX (t) ♀, CX (t) ♂ |
| *Phoenicopterus ruber* | P,F (t) |
| *Phoenicurus ochruros* | Y, K |
| *Phoenicurus phoenicurus* | Y, K |
| *Phylloscopus bonelli* | Z |
| *Phylloscopus collybita* | Z |
| *Phylloscopus sibilatrix* | Z |
| *Phylloscopus trochilus* | Z |
| *Pica pica* | CX, AX |
| *Picus viridis* | C, BA |
| *Platalea leucorodia* | F (t) |
| *Plectrophenax nivalis* | K |
| *Plegadis falcinellus* | H (t) |
| *Ploceus cucullatus* | V, L |
| *Ploceus melanocephalus* | T |
| *Pluvialis apricaria* | AX (t), BX (t) |
| *Pluvialis squatarola* | AX (t), BX (t) |
| *Podiceps cristatus* | H (o), E (o) |
| *Podiceps nigricollis* | NX (o) |
| *Poecile palustris* | Y |
| *Porphyrio porphyrio* | H (t) |
| *Porzana parva* | LX (t) |
| *Porzana porzana* | BX (t) |
| *Porzana pusilla* | KX, LX (t) |
| *Prunella collaris* | T |
| *Prunella modularis* | K |
| *Pssitacula krameri* | MX |
| *Pterocles alchata* | M |
| *Pterocles orientalis* | M |
| *Ptyonoprogne rupestris* | Y, K |
| *Puffinus assimilis* | CX (t) |
| *Puffinus puffinus* | MX (t) |
| *Pyrrhocorax graculus* | M |
| *Pyrrhocorax pyrrhocorax* | G, M |
| *Pyrrhula pyrrhula* | K |
| *Quelea quelea* | K, Y |
| *Rallus aquaticus* | CX (t), AX(t) |
| *Recurvirostra avosetta* | RX (t) |
| *Regulus ignicapilla* | Z |
| *Regulus regulus* | Z |
| *Remiz pendulinus* | Z,Y |
| *Riparia riparia* | Z |
| *Saxicola dacotiae* | Y,K |
| *Saxicola rubetra* | Y,K |
| *Saxicola torquatus* | Y,K |
| *Scolopax rusticola* | MX |
| *Serinus canarius* | Z |
| *Serinus serinus* | Z |
| *Sitta europaea* | K |
| *Sterna hirundo* | VX |
| *Sternula albifrons* | TX |
| *Streptopelia decaocto* | C, M |
| *Streptopelia turtur* | C, BA |
| *Strix aluco* | H |
| *Sturnus unicolor* | B |
| *Sturnus vulgaris* | B |
| *Sylvia atricapilla* | K |
| *Sylvia borin* | K |
| *Sylvia cantillans* | Z,Y |
| *Sylvia communis* | K |
| *Sylvia conspicillata* | Z,Y |
| *Sylvia hortensis* | K, T |
| *Sylvia melanocephala* | Z, Y |
| *Sylvia sarda* | Z |
| *Sylvia undata* | Z |
| *Tachybaptus ruficollis* | RX (o) |
| *Tachymarptis melba* | BA |
| *Tadorna ferruginea* | H, E |
| *Tadorna tadorna* | H, E |
| *Tetrax tetrax* | GX |
| *Thalasseus sandvicensis* | AX |
| *Tichodroma muraria* | LA |
| *Tringa erythropus* | AX (t) |
| *Tringa glareola* | VX (t) |
| *Tringa nebularia* | AX |
| *Tringa ochropus* | VX (t) |
| *Tringa stagnatilis* | VX (t) |
| *Tringa totanus* | BX (t), CX (t) |
| *Troglodytes troglodytes* | Z |
| *Turdus iliacus* | L, V, B |
| *Turdus merula* | B, BC |
| *Turdus philomelos* | L, B |
| *Turdus pilaris* | B, BC |
| *Turdus torquatus* | B, BC |
| *Turdus viscivorus* | B, BC |
| *Tyto alba* | G, NX |
| *Upupa epops* | B |
| *Uria aalge* | GX |
| *Vanellus vanellus* | AX |

**MODELOS DE ANILLAS DE REMITE “ARANZADI”.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Modelo** | **Material** | **Sección** | **Diámetro**  **(mm)** | **Altura**  **(mm)** | **Grosor**  **(mm)** | **Otras** | **Equivalente**  **ICONA** |
| J | Acero | Circular | 26 | 12 | 1,2 | Solapa | 11 |
| PA | Acero | Circular | 19 | 12 | 1,1 | Remache | 10 |
| P | Acero | Circular | 19 | 12 | 1,2 |  | 10 |
| acuaticas | Acero | Triangular | 19 | 12 | 1,1 |  | 10 |
| FA | Acero | Circular | 16 | 12 | 1,1 | Remache | 9 |
| F | Acero | Circular | 16 | 12 | 1,3 |  | 9 |
| acuaticas | Acero | Triangular | 16 | 12 | 1,1 |  | 9 |
| E | Acero | Circular | 13 | 10 | 1,1 |  | 8 |
| H | Acero | Circular | 11 | 10,0 | 1,3 |  | 7 |
| NX | Acero | Circular | 9 | 9 | 1 |  | 6 |
| GX | Acero | Circular | 8 | 10,3 | 1,3 |  | 5.5 |
| G | Aluminio | Circular | 8 | 10,3 | 1,3 |  | 5.5 |
| RX | Acero | Circular | 7 | 10.5 | 1 |  | 5 |
| MX | Acero | Circular | 6,5 | 8,6 | 0,8 |  | 4.5 |
| M | Aluminio | Circular | 6,5 | 7,0 | 1,0 |  | 4.5 |
| AX | Acero | Circular | 5,5 | 4,5 | 0,6 |  | 4 |
| BA | Aluminio | Circular | 5,5 | 4,5 | 0,6 |  | 4 |
| CX | Acero | Circular | 5 | 7,5 | 1 |  | 3.5 |
| C | Aluminio | Circular | 5 | 7,6 | 1,1 |  | 3.5 |
| BC | Aluminio | Circular | 4,5 | 7 | 0,6 |  | 3 |
| BX | Acero | Circular | 4 | 7,5 | 1 |  | Entre V y 3 |
| B | Aluminio | Circular | 4 | 7,6 | 1 |  | Entre V y 3 |
| VX | Acero | Circular | 3,5 | 4,5 | 0,7 |  | 1V |
| V | Aluminio | Circular | 3,5 | 4,5 | 0,7 |  | V |
| LX | Acero | Circular | 3,3 | 5,4 | 0,7 |  | Entre W y V |
| LA | Aluminio | Circular | 3,3 | 5,4 | 0.7 |  | Entre W y V |
| L | Aluminio | Circular | 3,3 | 7,0 | 0,6 |  | Entre W y V |
| W | Aluminio | Circular | 3 | 3,5 | 0,6 |  | K |
| TX | Acero | Circular | 2,8 | 5 | 0.8 |  | T |
| T | Aluminio | Circular | 2,8 | 5 | 0.8 |  | 2 |
| KA | Aluminio | Circular | 2,5 | 6 | 0,8 |  | L |
| KX | Acero | Circular | 2,5 | 5,4 | 0,6 |  | L acero |
| Y | Aluminio | Circular | 2,3 | 5,5 | 0,4 |  | P |
| Z | Aluminio | Circular | 2 | 6 | 0,5 |  | 0 |