| Content Cont | | | | | | | | |
|--|----------------|--|------|---|------------------|--------|-------|-----|
| Inside disameter of placed Inside disameter of placed Inside disameter of placed Inside of placed | | | В | | D | E | F | G |
| Section Sect | | | | | | | | |
| mean book level to co (b, 1) mean book of such to co (c) mean book of such to come the control of such the such | | | | | | | | |
| The control local local book of the control of the | | | | | | | | |
| Second logic 2 Second logic 3 Second logi | | | | | | | | |
| Docal logic 2 | 5 | | | | | | | |
| 1 | | dia wj end | | inside diameter of bocal | | | | |
| 1. | | | | | | | | |
| 1. | 8 | bocal logic | 2 | if bocal logic = 0 => bocal is choke; if bocal logic = 1 =>choke in wing joint calc; | if bocal logic = | 2 => | no bo | cal |
| II. Wink Joint Longths 1. Once in content with the content of the | 9 | | | | | | | |
| II. Wink Joint Longths 1. Once in content with the content of the | 10 | | | | | | | |
| Well a Delice Lengths | | | | | | | | |
| 13 1. Wins Joint Lengths | | | | | | | | |
| 1.5 Choice bore disa. 2.5 Choice 1.5 Ch | | II. Wing Joint Lengths | | hocal receiver: no real receiver AdlerGE5, shelf from wear | | | | |
| 1.5 Bookeve length (1, p) (formally croke length) 24 24 24 24 24 24 24 2 | | | 8.6 | | a of hore at ho | tom or | recei | ver |
| Laboration 492 total wang jount length 492 total wang jount length, including bettom and socket 1 1 1 1 1 1 1 1 1 | | | | | | | 1000 | VCI |
| 10 percent length 10 percent length 11 percent length 12 percent length 12 percent length 13 percent length 14 percent length 14 percent length 15 percent length 15 percent length 15 percent length 15 percent length 16 percent length 17 percent length 18 percent l | | | | | 5 String length) | | | |
| dist top of wing to where tone hole enters bore [not at the center of the tone hole] 10 | | | | | | | | |
| 198 | | teriori ierigiri | 46.5 | teriori lengtri | | | | |
| 20 10 2 28 28 28 28 28 28 28 | | usi fo | 100 | dist top of wing to whom tops hale enters have fact at the center of the tops hale | 1 | | | |
| 21 Need to Average, usally ovel; Adier's, no, bore in good shape | | | | disc top of wing to where tone note enters bore [not at the center of the tone note | | | | |
| 2.2 Drow dis. Bottom of wing joint | | | | | | | | |
| 2 Seed als. Bottom of winting plant 1-2 Seed to Average, usely ovel, Adler's, no, bore in good shape | | wj d | 330 | | | | | |
| 23 Bore dis. top of boot joint served side 24.3 25 Bore dis. top of boot joint large side 25 Bore dis. top of boot joint large side 26 Bore dis. top of boot joint large side 27 Bore dis. top of boot joint large side 28 Bore dis. top of boot joint large side 29 Bore dis. top of boot joint large side 29 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 21 Bore dis. top of boot joint large side 22 Bore dis. top of boot joint large side 23 Bore dis. top of boot joint large side 24 Bore dis. top of boot joint large side 25 Bore dis. top of boot joint large side 26 Bore dis. top of boot joint large side 27 Bore dis. top of boot joint large side 28 Bore dis. top of boot joint large side 29 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side 20 Bore dis. top of boot joint large side side side side side side side sid | | | | | | | | |
| 23 10 10 10 10 10 10 10 1 | | | | Need to Average, usally oval; Adler5, no, bore in good shape | | | | |
| 2.2 III. Boot Lengths 1. Spices if by logic = 0 => pluy removed; if by logic = 1 => pluy cannot be removed. 2.3 I logic = 1 Spices 1 Spices | | | | | | | | |
| Section length | | Bore dia. top of boot joint large side | 24.3 | | | | | |
| 23 bjudge 1 bolge = 7 bjudge = 0 = 2 bjudge = 1 > bjudge annot be removed | 26 | | | | | | ╚ | |
| Job 19 1 195 Job 19 1 195 John | 27 | III. Boot Lengths | | | | | | |
| Job 19 1 195 Job 19 1 195 John | | | 1 | $ \log ic = \rangle$ if by $ \log ic = 0 = \rangle$ plug removed; if by $ \log ic = 1 = \rangle$ plug cannot be removed | ed | | | |
| 30 bit 156 Address, and both sources 200 bit 2 | | | 75 | | | | | |
| 31 by 3 3 3 3 3 3 3 3 3 | | | | | , | | | |
| 32 jostotal lifeceded for both boot logics 435 total length of boot, include socket, along the small bore side 345 total length of boot, include socket, along the small bore side 345 total length of boot, include socket, along large bore side 345 total length of boot, include socket, along large bore side 345 total length of boot, include socket, along large bore side 345 total length of boot, include socket, along large bore side 345 total length of boot, include socket, along large bore side 345 total length of boot side 347 total length of boot seepth length 347 total length of boot seepth length 348 total length of boot length 348 total length of boot seepth 348 total length of boot length 348 total length | | | | racio, maiong | | | | |
| 32 bistotal (Needed for both boot logics) 435 1 bistoal (Needed for both boot logics) 435 1 bistoal (Needed for both boot logics) 32 bistoal (Needed for both boot logics) 33 bistoal (Needed for logic 0 only) 0 1 bistoal (N | | ۵, ۵ | 200 | | | | | |
| 34 bitotal [Needed for both boot logics] 435 bits | | histotal [Needed for both heat legise] | 425 | total langth of heat, include cocket, plans the small have side | | | | |
| 35 Dipul grampl (Need for logic O only) | | | | | | | | |
| 35 Diug large [Need for logic 0 only] | | bjitotai [Needed for both boot logics] | | | | | | |
| 38 boots (Needed for both boot logics) 38 boots (Needed for logic 1 only) 42 boots (Needed for logic 1 only) 43 boots (Needed for logic 1 only) 44 boots (Needed for logic 1 only) 45 boots (Needed for logic 1 only) 46 septum length exp (Need for logic 1 only) 47 begruin length exp (Need for logic 1 only) 48 septum length acia -d on the input value 49 boots (Needed for logic 1 only) 40 boots (Needed for logic 1 only) 41 boots (Needed for logic 1 only) 42 begruin length acia -d on the input value 43 septum length acia -d on the input value 44 begruin length acia -d on the input value 45 begruin length acia -d on the input value 46 begruin length acia -d on the input value 47 begruin length acia -d on the input value 48 begruin length acia -d on the input value 49 boots (Needed for logic 1 only) 40 boots (Needed for logic 1 only) 41 boots (Needed for logic 1 only) 42 begruin length acia -d on the input value 43 begruin length acia -d on the input value 44 begruin length acia -d on the input value 45 boots (Needed for logic 1 only) 46 boots (Needed for logic 1 only) 47 begruin length acia -d on the input value 48 begruin length acia -d on the input value 49 boots (Needed for logic 1 only) 40 boots (Needed for logic 1 only) 41 boots (Needed for logic 1 only) 42 begruin length acia -d on the input value 40 boots (Needed for logic 1 only) 41 boots (Needed for logic 1 only) 42 boots (Needed for logic 1 only) 43 boots (Needed for logic 1 only) 44 boots (Needed for logic 1 only) 45 boots (Needed fo | | | | | | | | |
| 38 boots [Needed for both boot logics] 382 boots [Needed for both boot logics] 382 boots [Needed for both boot logics] 40 boots bottom. [Needed for both boot logics] 41 boots bottom. [Needed for both boot logics] 42 boots bottom. [Needed for both boot logics] 43 boots bottom. [Needed for both boot logics] 44 boots bottom. [Needed for both boot logics] 45 boots bottom. [Needed for both boot logics] 46 boots bottom. [Needed for logic 0 only] 47 boots bottom. [Needed for logic 1 only] 48 boots bottom. [Needed for logic 1 only] 49 boots bottom. [Needed for logic 1 only] 40 boots bottom. [Needed for logic 1 only] 40 boots bottom. [Needed for logic 1 only] 41 boots bottom. [Needed for logic 1 only] 42 boots bottom. [Needed for logic 1 only] 43 boots bottom. [Needed for logic 0 only] 45 boots bottom. [Needed for logic 0 only] 46 septum length exp. [Needed for logic 0 only] 47 bestum length calc. do not imput value 48 bestum length calc. do not imput value 49 boots disserp. [Needed for boot logics] 40 boots disserp. [Needed for logic 0 only] 40 boots disserp. [Needed for logic 0 only] 41 boots disserp. [Needed for logic 0 only] 42 boots disserp. [Needed for logic 0 only] 43 boots disserp. [Needed for logic 0 only] 45 boots disserp. [Needed fo | | plug large [Need for logic 0 only] | 0 | plug thickness, small bore side | | | | |
| South Needed for both boot logics South | | | | | | | | |
| 10 boots bottom Needed for both boot logics 28 use hook, dist of bore [dist on stick plus 7mm, diff between hook and bot of stick] 21 + 7 = 28 use hook, dist of bore [dist on stick plus 7mm, diff between hook and bot of stick] 21 + 7 = 28 use hook, dist of bore [same as boots bot except tenon depth will be different] 43 use hook, dist of bore [same as boots bot except tenon depth will be different] 43 use hook, dist of bore [same as boots bot except tenon depth will be different] 43 use hook, dist of bore [same as boots bot except tenon depth will be different] 43 use hook, dist of bore [same as boots bot except tenon depth will be different] 44 use hook of the provided | | | | | | | | |
| 43 boots bottom Needed for both boot logics 28 use hook, dist of bore [dist on stick plus 7mm, diff between hook and bot of stick] 21 + 7 = 28 | | bootl [Needed for both boot logics] | 382 | hook length along I bore => bjl-septum length = boot - septum <= calc the septu | ım | | | |
| 42 boot bottom [Needed for both boot logics] 28 use hook, dist of bore [same as boots bot except tenon depth will be different] 43 44 extreme bore [Needed for logic 1 only] 42.3 Outside dist of plug [measured] = small bore dia 1 eige eige 1 eige eige 1 eige eige 1 eige eige | 40 | | | | | | | ı |
| 42 Septum length exp (Needed for logic 1 only) 42.3 Outside dia of plug [measured] = small bord dia + the septum width 45 46 Septum length exp (Need for logic 0 only) 0 dist. from very bottom of boot to septum [pion to between the large and small bore 42.8 Septum length exp (Need for logic 0 only) 0 dist. from very bottom of boot to septum [pion to between the large and small bore 46 Septum length acid. do not imput value 53 dist. From very bottom of boot to septum [bil - boot] do not imput value 61 do not imput value 62 do not imput value 63 dist. From very bottom of boot to septum [bil - boot] do not imput value 63 dist. From very bottom of boot to septum [bil - boot] do not imput value 63 dist. From very bottom of boot to septum [bil - boot] do not imput value 63 dist. From very bottom of boot to septum [bil - boot] do not imput value 63 dist. From very bottom of boot to septum [bil - boot] do not imput value 64 do not imput value 45 dist. From very bottom of boot to septum [bil - boot] do not imput value 45 dist. From very bottom of boot to septum [bil - boot] do not imput value 45 dist. From very bottom of boot to septum [bil - boot] do not imput value 45 dist. From very bottom of boot to septum [bil - boot] do not imput value 45 dist. From very bottom of boot (socket) to where G hole enters bore [not at cent of tone hole] dist from top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist from top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist from top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist. From top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist. From top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist. From top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist. From top of boot (socket) to where G hole enters bo | 41 | boots bottom [Needed for both boot logics] | 28 | use hook, dist of bore [dist on stick plus 7mm, diff between hook and bot of stick] | 21 + 7 = 28 | | | |
| 44 extreme bore [Needed for logic 1 only] 45 esptum length exp [Need for logic 0 only] 46 septum length exp [Need for logic 0 only] 47 septum length exp [Need for logic 0 only] 48 septum length exp [Need for logic 0 only] 49 septum length exp [Need for logic 0 only] 40 septum length exp [Need for logic 0 only] 41 septum length exp [Need for logic 0 only] 42 septum length exp [Need for logic 0 only] 43 septum length exp [Need for logic 0 only] 45 septum length exp [Need for logic 0 only] 46 septum length exp [Need for logic 0 only] 47 septum length exp [Need for logic 0 only] 48 septum length exp [Need for logic 0 only] 49 septum length exp [Need for logic 0 only] 40 septum length exp [Need for logic 0 only] 41 septum length exp [Need for logic 0 only] 42 septum length exp [Need for logic 0 only] 43 sept with exp [Need for logic 0 only] 45 septum length exp [Need for logic 0 only] 56 septum length exp [Need for logic 0 only] 57 septum length exp [Need for logic 0 only] 58 septim length exp [Need for logic 0 only] 59 septum with exp [Need for logic 0 only] 50 septum with exp [Need for logic 0 only] 51 septum with exp [Need for logic 0 only] 52 septim length exp [Need for logic 0 only] 53 septim length exp [Need for logic 0 only] 54 septim length exp [Need for logic 0 only] 55 septim length exp [Need for logic 0 only] 55 septim length exp [Need for logic 0 only] 56 by gap and the exp [Need for logic 0 only] 57 septim length exp [Need for logic 0 only] 58 septim length exp [Need for logic 0 only] 59 septim length exp [Need for logic 0 only] 50 septim length exp [Need for logic 0 only] 50 septim length exp [Need for logic 0 only] 51 septim length exp [Need for logic 0 only] 52 septim length exp [Need for logic 0 only] 53 septim length exp [Need for logic 0 only] 54 septim length exp [Need for logic 0 only] 55 septim length exp [Need for logic 0 only] 55 septim length exp [Need for logic 0 only] 56 by gap and the exp [Need for logic 0 only] 57 septim length exp [Need for logic 0 only] 58 septim length exp [Need for l | 42 | | 28 | use hook, dist of bore [same as boots bot except tenon depth will be different] | | | | |
| 42 extreme bore [Needed for logic 1 only] 42.3 Outside dis of plug [measured] = small bore dis + large bore dis + the septum width 45 septum length exp [Needed for logic 0 only] 46 septum length calc- do not imput value 53 dist. from very bottom of boot to septum (point between the large and small bore) 48 septum length calc- do not imput value 53 dist. from very bottom of boot to septum (point between the large and small bore) 48 septum length calc- do not imput value 53 dist. from very bottom of boot to septum (point between the large and small bore) 49 bore dis seps [Needed for both boot logics] 50 sbore dis seps [Needed for both boot logics] 51 septum length calc- do not imput value 52 septum length calc- do not imput value 53 septum length calc- do not imput value 54 sep width calc- do not imput value 55 septum length calc- do not imput value 56 septum length calc- do not imput value 57 septum length calc- do not imput value 58 septum length calc- do not imput value 59 septum length calc- do not imput value 50 septum width; calc- a> extreme bore - sbore - large lib logic = 1 a> sep width sep wi | | | | | | | | |
| dist. from very bottom of boot to septum [point between the large and small bore] | | extreme bore [Needed for logic 1 only] | 42.3 | Outside dia of plug [measured] = small bore dia + large bore dia + the septum w | idth | | | |
| 46 septum length eacy (in length drace) do not imput value 53 dist. From very bottom of boot to septum [poin beween the large and small bore 48 septum length - do not imput value 53 dist. From very bottom of boot to septum [poin boot] do not imput value 48 septum length - do not imput value 53 dist. From very bottom of boot to septum [poin boot] do not imput value 49 do not imput value 40 do not imput | | exacine sore [needed for logic 1 only] | 12.5 | Small bore and it harge bore and it are septemin | - Iden | | | |
| 47 septum length calc - do not imput value 53 dist. From very bottom of boot to spetum [spi] - boots 3 bore dia sep* [Needed for both boot logics] 18.6 septum small bore dia sep* [Needed for both boot logics] 18.6 septum small bore dia sep* [Needed for both boot logics] 19.2 septum small bore dia sep* [Needed for both boot logics] 19.2 septum small bore dia sep* [Needed for both boot logics] 19.2 septum small bore dia sep* [Needed for both boot logics] 19.2 septum small bore dia sep* [Needed for both boot logics] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum with; calc - a do not imput value 4.5 septum with; calc - a bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 septum small bore dia [assume = sbore dia sep] [Inesure if cork can be removed; for Logic 0] 19.2 | | sentum length eyn [Need for logic () only] | 0 | dist from very bottom of boot to centum (point between the large and small bore | 1 | | | |
| 48 septum length - do not imput value 53 if pl logic = 0 => septum exp; if pl logic = 1 => septum = septum cald on not imput value 39 30 sbore dia sep* [Needed for both boot logics] 19.2 septum small bore dia [assume = bore dia sep] septum for both boot logics] 19.2 septum small bore dia [assume = bore dia sep] septum for both boot logics] 19.2 septum small bore dia [assume = bore dia sep] septum for control to the provided of the | | | | | | aluo | | |
| 30 | | | | | | | | |
| Sol shore dia sep* Needed for both botot logics 19.2 Septum samal bore dia [assume = bore dia sep] Septum septum septum dia septum septum septum dia septum septum septum dia septum dia septum septum di | | septum length - do not imput value | 53 | ir bj logic = 0 => septum = septum exp; ir bj logic = 1 => septum = septum caic | do not imput v | aiue | | |
| 19.2 septum large bore dia sept Needed for both boot logic 0 septum width; direct measurement if remove plug septum width; direct measurement if remove plug septum width; direct measurement if remove plug do not imput value 4.5 septum width; direct measurement if remove plug do not imput value 4.5 fibliogic = 0 => septum width; calc. => extreme bore - shore - lbore do not imput value 4.5 fibliogic = 0 => septum width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septum width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septum width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septum width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value 5.5 fibliogic = 0 => septim width; calc. => extreme bore - shore - lbore do not imput value | | | | | | | | |
| 52 sep width exp [Need for logic 0 only] Septum width; direct measurement if remove plug Sa sep width calc - do not imput value 4.5 Sa sep width calc - do not imput value 4.5 Septum width; calc | | | | | | | | |
| Sale width calc - do not imput value 4.5 septum width; calc, => extreme bore - shore - lhore do not imput value 4.5 septum width calc not imput | | | 19.2 | | for Logic 0] | | | |
| 4.5 If b logic = 0 => sep width = sep width exp; if b logic = 1 => sep width = sep w do not imput value | | | | | | | | |
| S5 | | | | | | | | |
| 337 dist from top of boot (socket) to where G hole enters bore [not at cent of tone hole] 379 11 139 dist from top of boot (socket) to where F1 hole enters bore [not at cent of tone hole] 380 381 382 383 384 384 384 385 38 | | sep width - do not imput value | 4.5 | if bj logic = 0 => sep width = sep width exp; if bj logic = 1 => sep width = sep w | do not imput v | alue | | |
| 139 dist from top of boot (socket) to where F1 hole enters bore [not at cent of tone hole] | 55 | | | | | | | |
| S8 | 56 | bj g | 337 | dist from top of boot (socket) to where G hole enters bore [not at cent of tone ho | le] | | | |
| Section Sect | 57 | bj f1 | 139 | dist from top of boot (socket) to where F1 hole enters bore [not at cent of tone ho | ole] | | | |
| Section Sect | 58 | | | | | | | |
| Solition | | | | | | | | |
| 63 IV. Tone Hole Diameters | | | | | | | | |
| 63 IV. Tone Hole Diameters | | | | | | | | |
| 10 | | <u> </u> | | | | | | |
| 5.8 | | TV Tone Hole Diameters | | | | | | |
| 55 e | 64 | f) | 5.8 | | | | | |
| Section | 65 | | | | | | | |
| Second S | | d | | | | | | |
| Second | | u e | 5./ | | | | | |
| 69 b 7.1 | | | 0 | | | | | |
| 70 a 6 9.1 9.1 72 75 75 75 75 76 77 76 77 77 | | | | | | | | |
| 71 q | | | | | | | | |
| 73 | | d - | | | | | | |
| AdlerGFS Could not remove Low D key, but did meas. accurately | | g | | | | | | |
| 12.8 | | T1 | 9.2 | | | | | |
| 75 d1 | | | | | | | | |
| 14.1 c1 tone hole dia, on long joint [need to average NS and EW dias, NS usually greater] | 74 | e1 | | | | | | |
| 77 | 75 | d1 | | | | | | |
| 78 | 76 | c1 | 14.1 | c1 tone hole dia, on long joint [need to average NS and EW dias, NS usually great | er] | _ | | |
| 79 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 82 V. Tone Hole Depths 83 f2 44.3 Adler5 vrfd, extreme angle 84 e 40.5 85 d 43 Adler5 vrfd, extreme angle 86 87 c 87 c 33.5 Adler5 extreme angle 88 b 27 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along dest side tone hole wall [north wall, toward reed,tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | 80 | | | | | | | |
| 82 V. Tone Hole Depths | | | | | | | | |
| 83 f2 | | V. Tone Hole Depths | | | | | | |
| 84 le 40.5 85 ld 43 Adler5 vrfd, extreme angle 86 l 86 l 87 c 33.5 Adler5 extreme angle 88 lb 27 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along bot tone hole wall [north wall, toward reed,tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | | | 44 3 | Adler5 vrfd, extreme angle | | | | |
| 85 d 43 Adler5 vrfd, extreme angle 86 | | | | , and a second dright | | | | |
| 86 87 c 33.5 Adler5 extreme angle 88 b 27 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along bot tone hole wall [north wall, toward reed, tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed, thole usually at angle] | | | | Adler5 yrfd, extreme angle | | | | |
| 87 c 33.5 Adler5 extreme angle 88 b 27 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along bot tone hole wall [north wall, toward reed, tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed, thole usually at angle] | | <u>u</u> | 73 | Adicio vita, extreme angle | | | | |
| 88 b 27 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along bot tone hole wall [north wall, toward reed,tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | | | 22 5 | AdjorE ovtromo anglo | | | | |
| 89 a 29 Adler5 has different tone hole lengths because of reversed wing and long joint 90 g 18.5 meas along bot tone hole wall [north wall, toward reed,tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | | L | | Aulei 3 extreme angle | | | | |
| 90 g 18.5 meas along bot tone hole wall [north wall, toward reed,tone hole usually at angle] 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | | υ - | | Adjust has different tools for the language for | | | | |
| 91 f1 19.5 meas along east side tone hole wall [north wall, toward reed,t hole usually at angle] | | a | | | | | | |
| | | ia l | | | | | | |
| Adjors has a thick table on long joint, so tone hale longther longer | 90 | | | Impac along eact cide tone hole wall [north wall, toward reed t hole usually at ang | le i | | | |
| | 90 91 | | 19.5 | | | | | |
| 93 e1 8.2 e1 tone hole depth; meas east/west with deapth gauge [at center, or shortest dist] | 90 91 92 | f1 | | Adler5 has a thick table on long joint, so tone hole lengther longer | | | | |

| _ | | | | | | | |
|---|---|---|---|---|-------------------------------------|---------------------|--|
| - | A | В | C | D | Е | F | G |
| 94 95 | c1 | 8.2 9.3 | d1 tone hole depth; meas east/west with deapth gauge [at center, or shortest dis c1 tone hole depth; meas east/west with deapth gauge [at center, or shortest dist | | | $-\!\!\!+\!\!\!\!-$ | |
| 96 | CI | 9.3 | cr tone note depth, meas east/west with deapth gauge [at center, or shortest dis | | - | | |
| 97 | | | | | | _ | |
| 98 | | | | | | | |
| 99 | | | | | | \Box | |
| 100 | | | | | | | |
| | VI. Long Joint | | AdlerFG5 There is a table along long joint | | | | |
| | lg_length | 589 | Adler5 vrfd short; total length of long joint | - | | | |
| | lg_tenon_bot | 50 | length bottom tenon on long joint [tenon going into boot joint] | - | | - | |
| | lj_bot_bore | 25.1 | long joint bottom tenon bore diameter [tenon going into boot joint] | | | -+ | |
| | lj_top_bore lg_tenon_top | 33.9 40.6 | Adler4 OOR 34 x 32.5; long joint top tenon bore diameter [tenon going into bell] Adler5 vrfd bell socket longer; length top tenon on long joint [tenon going into be | iii | | -+ | |
| | e1 distance | 63 | dist long joint tenon to e1 [from bot of tenon to where tone hole enters bore] | ''J | - | - | |
| | | 260 | dist long joint tenon to d1 [from bot of tenon to where tone hole enters bore] | | | | |
| 109 | c1 distance | 480 | Adler5 vrfd, dist long joint tenon to c1 [from bot of tenon to where tone hole enter | rs bore] | | | |
| 110 | | | | | | | |
| 111 | | | | | | | |
| 112 | | | | | | | |
| 113 | | | | | \longrightarrow | | |
| 114 | | | | - | | _ | |
| 115 | VII. Bore diameters at Tone Holes | 11.7 | | | | - | |
| 116 117 | f2 | 11.2 12.6 | | | | + | |
| 118 | d | 12.8 | | | - | - | |
| 119 | - | 12.0 | | | | \dashv | |
| 120 | С | 14.8 | Adler5 vrfd smaller than socket, similar to Adler4 | | - | \neg | - |
| 121 | b | 16.6 | | | | | |
| 122 | a | 17.2 | | | | | |
| 123 | g | 19.5 | | | | L | |
| 124 | <u>f1</u> | 23 | | | | $-\!\!\!+\!\!\!\!-$ | |
| 125 | -1 | 25.2 | -4 * b-1- b dib l i-i-b | | | -+ | |
| 126 127 | <u>e1</u> d1 | 25.2 27.7 | e1 tone hole bore diameter on long joint d1 tone hole bore diameter on long joint | | -+ | + | |
| 128 | c1 | 31.2 | c1 tone hole bore diameter on long joint | | -+ | + | |
| 129 | - | 22.2 | | | | - | |
| 130 | | | | | | | |
| 131 | | | | | | | |
| 132 | | | | | | | |
| 133 | | | Yes, a reversed tapered bell on AdlerGF5 | | | | |
| | VIII. Bell | | AdlerFG5 Not a tone hole in the bell | | | <u></u> - | |
| | bell logic | 222 | If bell_logic=0=>normal conical bore; if bell_logic=1=>inverted concial bore; if be | logic = 2 => | bell exp | <u>pansior</u> | ก |
| 136 137 | bell_length (0, 1, 2) bell_bot_bore (0, 1, 2) | 332 33.8 | total length of bell [lines 141 + 144 = line 136] dia bore at the bottom of bell [end with socket] | | | -+ | |
| 138 | bell_top_bore 0, (1, 0, 2) | 32.6 | dia bore at the bottom of bell [where low Bb exits] | | - | _ | |
| 139 | | 32.0 | dia bore at max center of expansion | | _ | _ | |
| 140 | bell_wall (only for logic 2) | | bell wall thickness, Just for David | | $\overline{}$ | \neg | |
| 141 | bell_bot_bore_expansion (only for logic 2) | | dist of bottom to maxium of expansion [including bell socket length,if bell logic=0 | =>100] | | | |
| 142 | Outside diameter of wood at expansion | | Just for David | | | | |
| 143 | bell_tenon (0, 1, 0, 2) | 41 | bell socket length | | | | |
| | bell_expansion_length (only for logic 2) | | distance of maxium expansion to top of bell [where Bb exits] | | | | |
| 145 | belflg | 51 | Usually about 10mm more than line 138 | | | $-\!\!+\!\!$ | |
| 146 147 | | | | | | -+ | |
| | IX. PITCH | | | | | - | |
| 149 | pitch | 435 | input the historical pitch of the bassoon, must input value, best guess | | | | |
| 150 | freq_init | | Initial frequency range variable | | | | |
| 151 | ' _ | 380 | | | | + | |
| 152 | Delta frequency | 2 | frequency increment parameter | | | \pm | |
| | Number of frequencies | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq | | | | |
| 153 | Number of frequencies Frequency adjust | 2 | frequency increment parameter | | | | |
| 153 154 | Number of frequencies Frequency adjust X. Title | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter | | | | |
| 153 154 155 | Number of frequencies Frequency adjust | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq | | | | |
| 153 154 155 156 | Number of frequencies Frequency adjust X. Title | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM | | | | |
| 153 154 155 | Number of frequencies Frequency adjust X. Title | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal | | | | |
| 153 154 155 156 157 | Number of frequencies Frequency adjust X. Title | 2 60 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me | as. correct | | | |
| 153 154 155 156 157 158 159 160 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters | as. correct | | | |
| 153 154 155 156 157 158 159 160 161 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.9 8.6 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] | as. correct | | | |
| 153 154 155 156 157 158 159 160 161 162 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.9 19 8.6 387 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Number of diameters Initial bore diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm | as. correct | | | 1 |
| 153 154 155 156 157 158 159 160 161 162 163 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm | as. correct | | | 1 |
| 153 154 155 156 157 158 159 160 161 162 163 164 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.05 19 8.6 387 352 240 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm | as. correct | | | 1 1 1 1 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.9 8.6 387 352 240 138 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Initial bore diameters Initial bore diameter Id not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm dist4; measured from the bottom of the wing joint- 13mm | as. correct | | | 1 1 1 1 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: Ido not include in line 160 counting) dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist4; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm | | 14.2 | | 1 1 1 1 1 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.9 8.6 387 352 240 138 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Initial bore diameters Initial bore diameter Id not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm dist4; measured from the bottom of the wing joint- 13mm | eas. correct Bottom wing It top boot small | 14.2 | | 1 1 1 1 1 1 1 2 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm | Bottom wing jt | | | 1 1 1 2 2 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 0 115 185 248 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist8; measured from the bottom of the wing joint- 16mm dist8; measured from the top of the bootjoint - 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm | Bottom wing it top boot small top boot large | 15.1 24.3 | | 1 1 1 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Initial bore diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist7; measured from the bottom of the wing joint- 15mm dist8; measured from the bottom of the wing joint- 15mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist8; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - small bore side- 19mm | Bottom wing it top boot small top boot large sbore dia sep | 15.1 24.3 18.6 | | 1 1 2 2 2 2 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 0 0 115 185 248 0 310 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist4; measured from the bottom of the wing joint- 14mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 16mm dist7; measured from the bottom of the wing joint - 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - small bore side- 18mm dist11; measured from the top of the bootjoint - small bore side- 19mm dist11; measured from the top of the bootjoint - large bore side- 20mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep | 15.1 24.3 18.6 19.2 | | 1 1 1 2 2 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 166 167 170 171 172 173 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 0 115 248 0 310 245 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - small bore side- 19mm dist11; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21m | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep | 15.1 24.3 18.6 | | 1 1 2 2 2 2 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 185 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist8; measured from the toptom of the wing joint- 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 19mm dist11; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21n Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21n Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21n Adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 21n | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep | 15.1 24.3 18.6 19.2 | | 1 1 2 2 2 2 2 3 3 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 0 0 115 185 248 0 310 245 185 141 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist4; measured from the bottom of the wing joint- 14mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist6; measured from the bottom of the wing joint - 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 2 3 3 3 3 |
| 153 154 155 156 157 158 160 161 162 163 164 165 166 167 170 171 172 173 174 175 176 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 185 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter: [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist4; measured from the bottom of the wing joint- 14mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist6; measured from the bottom of the wing joint- 15mm dist7; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - large bore side- 21m Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21 Adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 22 Adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 21 Adler5 vrfd; dist15; measured from the top of the bootjoint - large bore side- 21 Adler5 vrfd; dist15; measured from the top of the bootjoint - large bore side- 21 Adler5 vrfd; dist15; measured from the top of the bootjoint - large bore side- 24 Adler5 vrfd; dist15; measured from the top of the bootjoint - large bore side- 24 | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 | | 1 1 2 2 2 2 2 3 3 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 171 172 173 174 175 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 1.05 19 8.6 387 352 240 0 0 115 248 0 310 245 185 141 90 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist4; measured from the bottom of the wing joint- 14mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist6; measured from the bottom of the wing joint - 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 2 3 3 3 3 3 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175 176 177 177 177 177 177 177 177 177 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 141 90 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm dist4; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 15mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 19mm dist11; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21m Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 Adler5 vrfd; dist15; measured from the top of the bootjoint - large bore side- 24m dist10; measured from the top of the bootjoint - large bore side- 24m dist17; measured from the top of the long joint- 25mm dist17; measured from the top of the long joint- 27mm dist11; measured from the top of the long joint- 27mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 3 3 3 3 3 3 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 170 171 172 173 174 175 176 177 178 177 178 179 180 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 141 90 0 455 380 395 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 13mm dist5; measured from the bottom of the wing joint- 14mm dist6; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 19mm dist11; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21 adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the bootjoint - large bore side- 22 dist14; measured from the top of the long joint- 25mm dist16; measured from the top of the long joint- 25mm dist17; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 28mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 3 3 3 3 3 3 4 4 4 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 173 174 175 176 177 178 177 178 179 179 179 179 179 179 179 179 179 179 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 141 90 0 455 380 295 240 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm dist4; measured from the bottom of the wing joint- 15mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21n Adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 22n dist14; measured from the top of the bootjoint - large bore side- 22n dist14; measured from the top of the bootjoint - large bore side- 22n dist16; measured from the top of the bootjoint - large bore side- 24n dist16; measured from the top of the long joint- 25mm dist17; measured from the top of the long joint- 26mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 28mm dist20; measured from the top of the long joint- 29mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 171 172 173 174 175 176 177 178 179 180 181 181 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 138 0 0 115 185 141 90 0 455 380 295 240 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation:AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on boot joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dis1; measured from the bottom of the wing joint- 10mm dis12; measured from the bottom of the wing joint- 11mm AdlerS verified; dis13; measured from the bottom of the wing joint- 13mm dis14; measured from the bottom of the wing joint- 14mm dis15; measured from the bottom of the wing joint- 15mm dis16; measured from the bottom of the wing joint - 16mm dis18; measured from the top of the bootjoint - small bore side- 17mm dis19; measured from the top of the bootjoint - small bore side- 18mm dis10; measured from the top of the bootjoint - small bore side- 19mm dis11; measured from the top of the bootjoint - large bore side- 20mm dis11; measured from the top of the bootjoint - large bore side- 21 Adler5 vrfd; dis112; measured from the top of the bootjoint - large bore side- 21 dis114; measured from the top of the bootjoint - large bore side- 23 Adler5 vrfd; dis113; measured from the top of the bootjoint - large bore side- 24 dis116; measured from the top of the long joint- 25mm dis119; measured from the top of the long joint- 27mm dis119; measured from the top of the long joint- 27mm dis120; measured from the top of the long joint- 28mm dis210; measured from the top of the long joint- 29mm dis211; measured from the top of the long joint- 29mm dis212; measured from the top of the long joint- 29mm dis212; measured from the top of the long joint- 29mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 1 2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 |
| 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 171 172 173 174 175 176 177 178 179 179 180 181 | Number of frequencies Frequency adjust X. Title title | 2 60 1.05 19 8.6 387 352 240 0 0 115 185 248 0 310 245 141 90 0 455 380 295 240 | frequency increment parameter number of frequencies to scan for min chi sq frequency adjustment parameter Bassoon Calculation: AdlerFG5-O-Peebles-Wg1-WOB-DNM Notes on long joint bore: AdlerGF5 normal Notes on wing joint bore: AdlerGF5 good shape, tuning slide, very steep cone, me Number of diameters Initial bore diameter [do not include in line 160 counting] dist1; measured from the bottom of the wing joint- 10mm dist2; measured from the bottom of the wing joint- 11mm Adler5 verified; dist3; measured from the bottom of the wing joint- 12mm dist4; measured from the bottom of the wing joint- 15mm dist5; measured from the bottom of the wing joint- 15mm dist6; measured from the bottom of the wing joint- 16mm dist8; measured from the top of the bootjoint - small bore side- 17mm dist9; measured from the top of the bootjoint - small bore side- 18mm dist10; measured from the top of the bootjoint - large bore side- 20mm Adler5 vrfd; dist12; measured from the top of the bootjoint - large bore side- 21n Adler5 vrfd; dist13; measured from the top of the bootjoint - large bore side- 22n dist14; measured from the top of the bootjoint - large bore side- 22n dist14; measured from the top of the bootjoint - large bore side- 22n dist16; measured from the top of the bootjoint - large bore side- 24n dist16; measured from the top of the long joint- 25mm dist17; measured from the top of the long joint- 26mm dist19; measured from the top of the long joint- 27mm dist19; measured from the top of the long joint- 28mm dist20; measured from the top of the long joint- 29mm | Bottom wing it top boot small top boot large sbore dia sep lbore dia sep Hook Length | 15.1 24.3 18.6 19.2 382 | | 1 1 2 2 2 2 2 3 3 3 3 3 3 4 4 4 4 |