

2008 HIREKO

SHAFT TRIMMING & LENGTH GUIDE

SHAFT TRIMMING INTRODUCTION

Our trim charts offer a simple way to trim the shafts listed in the Hireko and catalog. First look at the chart on the next two pages of this page manual and determine the trim letter designation. Wood shafts are listed by trim letter designations from A-ZD, iron and putter shafts are listed by trim letter designations from AA-VV. Each trim letter designation may be followed by a number designation for a trimming note. These notes allow you to make trimming changes for such factors as bore depths in woods or irons. **If a number designation is not present after a letter designation, then these trim notes do not apply.** Once you have your letter designation and note, proceed to the trimming chart that follows to determine the trimming values for the shaft.

After tip trimming (if any), trim the butt end to the desired playing length.

2008 HIREKO TIP TRIMMING TABLES FOR IRONS

	Δ	Ω	1i	2i	3i	4i	5i	6i	7i	8i	9i	Wedges
	216g	223g	229g	236g	243g	250g	257g	264g	271g	278g	285g	291+g
AA	0"	0"	0"	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	4"	4"
BB	0"	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5"
CC	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	6"	6"
DD	0"	0"	0"	0"	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.75"
EE	1.5"	1.75"	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	3.75"	4"	4"
FF	0"	0"	0"	0"	0"	0.5"	1"	1.5"	2"	2.5"	3"	3"
GG	0"	0"	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.75"	2"	2"
HH	0"	0"	0"	0.5"	1"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"
II	0"	0"	0"	0.5"	0.75"	1"	1"	1"	1"	1"	1"	1"
JJ	0.5"	0.75"	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	2.75"	3"	3"
KK	0"	0"	0"	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.75"	2"
LL	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	3.75"
MM	4"	4.25"	4.5"	4.75"	5"	5.25"	5.5"	5.75"	6"	6.25"	6.5"	6.75"
NN	7"	7.25"	7.5"	7.75"	8"	8.25"	8.5"	8.75"	9"	9.25"	9.5"	9.75"
OO	0"	0"	0"	0"	0.5"	1"	1.25"	1.5"	1.75"	2"	2"	2"
PP	0"	0"	0"	0"	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	2.75"
QQ	0"	0"	0"	0"	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.75"
RR	0"	0"	0"	0"	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	3.5"
SS	Do not tip trim, butt trim to the desired length											
TT	0"	0"	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	4.5"
UU	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	5.5"
VV	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	6"	6.5"	6.5"

2008 HIREKO TIP TRIMMING TABLES FOR WOODS

	1W	2W	3W	4W	5W	6W	7W	9W	11W	13W	15W
	198g	203g	208g	213g	218g	223g	228g	233g	238g	243g	248g
A	0"	0.5"	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"
B	1"	1.5"	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	6"
C	2"	2.5"	3"	3.5"	4"	4.5"	5"	5.5"	6"	6.5"	7"
D	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	2.5"	2.5"	2.5"	2.5"
E	0"	0.5"	1"	1.5"	2"	2"	2"	2"	2"	2"	2"
F	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.5"	1.5"	1.5"	1.5"
G	0"	0.25"	0.5"	0.75"	1"	1"	1"	1"	1"	1"	1"
H	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	3.5"	3.5"	3.5"	3.5"
I	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	2"	2"	2"	2"
J	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	4"	4"	4"	4"
K	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	3.5"	3.5"	3.5"	3.5"
L	n/a	0"	0"	0.25"	0.5"	0.75"	1"	1.5"	1.5"	1.5"	1.5"
M	0"	0.25"	0.5"	0.75"	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"
N	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"
O	2"	2.25"	2.5"	2.75"	3"	3.25"	3.5"	3.75"	4"	4.5"	5"
P	5"	5.25"	5.5"	5.75"	6"	6.25"	6.5"	7"	7"	7"	7"
Q	0"	0"	0.125"	0.25"	0.375"	0.5"	0.5"	0.625"	0.625"	0.625"	0.625"
R	0"	0"	0.25"	0.5"	0.75"	0.875"	1"	1.25"	1.25"	1.25"	1.25"
S	8"	8.25"	8.5"	8.75"	9"	9.25"	9.5"	10"	10"	10"	10"
T	n/a	n/a	0"	0.25"	0.5"	0.75"	1"	1"	1"	1"	1"
U	n/a	n/a	1"	1.25"	1.5"	1.75"	2"	2"	2"	2"	2"
V	1"	1.25"	1.5"	1.75"	2"	2.25"	2.5"	3"	3"	3"	3"
W	Do not tip trim, butt trim to the desired playing length.										
X	0"	0"	0.25"	0.5"	0.75"	0.75"	0.75"	0.75"	0.75"	0.75"	0.75"
Y	2.5"	2.5"	2.75"	3"	3.25"	3.25"	3.25"	3.25"	3.25"	3.25"	3.25"
Z	3"	3.5"	4"	4.5"	4"	4.5"	5"	5.5"	6"	6.5"	7"
ZA	4"	4.5"	5"	5.5"	6"	6.5"	7"	7.5"	8"	8.5"	9"
ZB	0"	0"	0.25"	0.375"	0.5"	0.75"	0.75"	0.75"	0.75"	0.75"	0.75"
ZC	1"	1"	1.25"	1.375"	1.5"	1.75"	1.75"	1.75"	1.75"	1.75"	1.75"
ZD	Add the insertion-depth of the hosel to the length of ferrule then subtract this length from 4" to obtain tip trim length. Trim to final playing length from butt. Example, hosel bore-depth of 1.375" with 0.50" ferrule equals total of 1.875" - subtract from 4.0"; tip trim 2.125".										

TRIMMING NOTES

1. For M1 metal woods add 1 1/2" tip trimming, for M2 metal woods add 1" tip trimming, for blind bore add 1/2" tip trimming, for through bore do not add to tip trimming. **(Applies only to those shafts which have a Trim Note 1 next to the letter code)**
2. For non-bore through iron heads, trim 1" additionally from the tip. (Applies to True Temper's TT Lite R&S iron shafts only!)
3. For fairway woods, tip trim 1" (Applies to Aldila NV, NVS, DVS and VS Proto woods only!)
4. Do not tip trim more than 3" off the tip (applies to Select New Image woods and junior composite woods only!)
5. Tip trim 1" less than stated to achieve a softer sub-flex and for a firmer sub-flex add an additional 1" tip trimming. (This applies only to the Cadence 65 and 75 High Launch shafts only!)

Bore Designation Identification

If you are working with wood heads made by other manufacturers, it may be necessary to identify the bore designation in order to trim the shaft correctly. The bore designation is identified by the bottom of bore to ground line measurement (BBGM). The easiest way to identify the BBGM to establish the bore designation is to measure the raw length of the shaft you are using. Next, insert the shaft into the hosel and measure the total length of the club from the ground in the playing position. If you subtract the raw length of the shaft from the total length of the club, this will determine the BBGM. If the BBGM is closest to 0.5", this is considered a blind bore designation. If the BBGM is closest 1", then this is classified as a M2 design. Lastly, if the BBGM is closest to 1.5", this is considered a M1 design. Now you should be able to use the trim notes to correctly trim the shaft.

OUR MODELS BORE TYPE

M2

Acer Mantara Fairway
Acer XP 905 Fairway
Acer XP 905 Ladies Fairway
Acer XP Stainless Fairway
Dynacraft Avatar Fairway
Dynacraft Genesis Driver
Dynacraft Genesis Fairway
iBella Obsession Fairway
Oxygen Type X Fairway
Oxygen Type X Offset Fairway
Power Play System Q Fairway
Power Play System Q² Fairway
Synchron II Fairway

M1

Acer Mantara XL Driver
Acer Mantara Driver
Acer XP 905 460cc Ti Driver
Acer XP 905 Ladies Driver
Acer XP Ti 450cc Driver
Dynacraft Avatar 460cc Driver
Dynacraft Avatar Offset Driver
iBella Obsession Driver
Oxygen Type X Driver
Oxygen Type X Offset Driver
Power Play Caiman Driver
Power Play System Q² Driver
Power Play Tri Port Driver

HYBRIDS Special Note: For tip trimming and length on all hybrids, use the weight column to determine the proper tip trimming and length rather than the number engraved on the sole. Not all hybrids will weigh the same, thus special attention must be made for this category. Hybrids made by other manufacturers other than Hireko may use different diameter shafts than 0.370", thus use the correct shaft size as well. If you have any question regarding the proper tip trimming and length, please call Hireko's Technical line at 1-800-942-5872 or e-mail technical@hirekogolf.com.

MASTER SHAFT TRIMMING CHART					
MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
ACER	X-Class	Iron	L, R	GG	
	X-Class	Iron	A, S	JJ	
	X-Class	Wood	L, R	D	
	X-Class	Wood	A, S	H	
	Velociteque	Iron	L, R	GG	
	Velociteque	Iron	A, S	JJ	
	Velociteque	Wood	L, R	D	
	Velociteque	Wood	A, S	H	
	Velocity	Iron	L, R	GG	
	Velocity	Iron	A, S	JJ	
	Velocity	Wood	L, R	D	
	Velocity	Wood	A, S	H	
ALDILA	DVS 60, 70, 80	Wood	all	W	3
	DVS 95 Hybrid	Hybrid	all	SS	
	Gamer Driver	Wood	all	W	
	Gamer Hybrid .370"	Hybrid	all	OO	
	Gamer Hybrid / Fairway .335"	Wood	all	W	
	Gamer Irons	Iron	all	AA	
	MOI 65 Proto Driver	Wood	all	ZD	
	NV 55, 65, 75	Wood	all	W	3
	NV 85 & NVS 85 Hybrid	Hybrid	all	SS	
	NV Pro 105	Iron	all	SS	
	NVS 45, 55, 65, 75	Wood	all	W	3
	NVS 85 Hybrid	Hybrid	all	SS	
	VL or VX	Iron	L, R	AA	
	VL or VX	Iron	A, S	CC	
	VL or VX	Wood	L, R	F	
	VL or VX	Wood	A, S	K	
	VS Proto By You 60, 70, 80	Wood	all	W	3
	VS Proto By You Hybrid	Hybrid	all	SS	
APOLLO GRAPHITE	Balistik	Iron	L	DD	
	Balistik	Iron	A	LL	
	Balistik	Iron	R	MM	

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
APOLLO GRAPHITE cont.	Balistik	Iron	S	NN	
	Balistik	Wood	L	I	
	Balistik	Wood	A	J	
	Balistik	Wood	R	P	
	Balistik	Wood	S	S	
	MasterFlex HP55	Wood	R	D	
	MasterFlex HP55	Wood	S	H	
	MasterFlex HP65	Wood	R	D	
	MasterFlex HP65	Wood	S	H	
	Shadow	Iron	L, R	GG	
	Shadow	Iron	A, S	JJ	
	Shadow	Wood	L, R	D	
	Shadow	Wood	A, S	H	
	Shadow FW	Iron	R	GG	
	Shadow FW	Iron	S	JJ	
	Shadow FW	Wood	R	D	
	Shadow FW	Wood	S	H	
	Shadow Hybrid R&S	Hybrid	R	GG	
	Shadow Hybrid R&S	Hybrid	S	JJ	
	Shadow Hybrid R&S	Wood	R	T	
	Shadow Hybrid R&S	Wood	S	U	
	Shadow Junior	Iron	Jr.	FF	
	Shadow Junior	Wood	Jr.	A	4
	Shadow UL	Iron	L, R	GG	
	Shadow UL	Iron	A, S	JJ	
	Shadow UL	Wood	L, R	D	
	Shadow UL	Wood	A, S	H	
APOLLO STEEL	Acculite 85	Iron	All	RR	
	Balistik	Iron	L	RR	
	Balistik	Iron	A	TT	
	Balistik	Iron	R	UU	
	Balistik	Iron	S	VV	

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
APOLLO STEEL cont.	Balistik	Wood	L	A	
	Balistik	Wood	A	B	
	Balistik	Wood	R	Z	
	Balistik	Wood	S	ZA	
	Hump	Iron	all	SS	
	Junior	Iron	Jr.	FF	
	Junior	Wood	Jr.	A	
	Putter Shafts	Putter	all	SS	
	Shadow	Iron	L, R	RR	
	Shadow	Iron	A	TT	
	Shadow	Iron	S	UU	
	Shadow	Wood	L, R	A	
	Shadow	Wood	A	B	
	Shadow	Wood	S	C	
	Spectre Lite	Iron	L, R	RR	
	Spectre Lite	Iron	A	TT	
	Spectre Lite	Iron	S	UU	
	Spectre Lite	Wood	L, R	A	
	Spectre Lite	Wood	A	B	
	Spectre Lite	Wood	S	C	
	Standard Stepless	Iron	L, R	FF	
	Standard Stepless	Iron	A, S	AA	
	Standard Stepless	Wood	L, R	A	
	Standard Stepless	Wood	A, S	B	
	Standard Stepped	Iron	L, R	FF	
	Standard Stepped	Iron	A, S	AA	
	Standard Stepped	Wood	L, R	A	
	Standard Stepped	Wood	A, S	B	
Cadence	Cadence 55 High Launch	Iron	L	GG	
	Cadence 55 High Launch	Wood	L	E	
	Cadence 55 Mid Launch	Wood	all	E	
	Cadence 65 High Launch	Wood	all	N	5

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
Cadence cont.	Cadence 75 High Launch	Wood	all	N	5
	Cadence 75 High Launch	Iron	all	JJ	5
	Cadence Hybrid	Iron	all	AA	
	Cadence Junior	Iron	Jr.	FF	
	Cadence Junior	Wood	Jr.	A	4
	Cadence Pro 65	Wood	all	E	
	Cadence Pro 75	Iron	R	AA	
	Cadence Pro 85	Wood	S	N	
	Cadence Pro 90	Iron	S	AA	
GRAFALLOY	Blue	Wood	all	W	
	Epic	Driver	all	G	1
	Epic	Fairway	all	L	
	Epic	Hybrid	All	LL	
	Pro Custom	Iron	L, R	AA	
	Pro Custom	Iron	A, S	CC	
	Pro Custom	Wood	L, R	X	1
	Pro Custom	Wood	A, S	Y	1
	ProLaunch	Iron	all	AA	
	ProLaunch Blue Fairway	Wood	all	L	
	ProLaunch HY	Hybrid	all	II	
	ProLaunch Blue 45	Wood	all	W	
	ProLaunch Blue 55	Wood	all	W	
	ProLaunch Blue 65	Wood	all	G	1
	ProLaunch Blue 75	Wood	all	G	1
	ProLaunch Platinum	Wood	all	G	1
	ProLaunch Platinum	Hybrid	all	II	
	ProLaunch Red	Wood	all	G	
	ProLaunch Red Fairway	Wood	all	L	
	ProLaunch Red	Hybrid	all	II	
	ProLaunch Red	Iron	all	AA	
	ProLite 35	Wood	all	W	
IBELLA	Obsession	Wood	L	D	

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
IBELLA cont.	Obsession	Iron	L	GG	
NEW IMAGE	Berry Image Graphite	Iron	L	QQ	
	Berry Image Graphite	Wood	L	F	
	Emerald Image Graphite	Iron	A, S	PP	
	Emerald Image Graphite	Iron	R	QQ	
	Emerald Image Graphite	Wood	A, S	D	
	Emerald Image Graphite	Wood	R	F	
	Gold Image Graphite	Wood	all	A	4
	Lipstick Red Image Graphite	Iron	L	QQ	
	Lipstick Red Image Graphite	Wood	L	F	
	Red Image Graphite	Wood	all	A	4
OXYGEN	Pure Air	Iron	R	GG	
	Pure Air	Iron	S	JJ	
	Pure Air	Wood	R	D	
	Pure Air	Wood	S	H	
POWERFLEX	CPF 50	Iron	L, R	GG	
	CPF 50	Iron	A, S	JJ	
	CPF 50	Wood	L, R	D	
	CPF 50	Wood	A, S	H	
	FW 114	Iron	L, R	GG	
	FW 114	Iron	A, S	JJ	
	FW 114	Wood	L, R	D	
	FW 114	Wood	A, S	H	
	FW 501	Iron	R	GG	
	FW 501	Iron	S	JJ	
	FW 501	Wood	R	D	
	FW 501	Wood	S	H	
POWER PLAY	Select 5000	Iron	R	GG	
	Select 5000	Iron	S	JJ	
	Select 5000	Wood	R	D	
	Select 5000	Wood	S	H	
	System Q	Iron	L, R	GG	

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
POWER PLAY cont.	System Q	Iron	A, S	JJ	
	System Q	Wood	L, R	D	
	System Q	Wood	A, S	H	
SYNCHRON	Tourflex 947	Iron	R	GG	
	Tourflex 947	Iron	S	JJ	
	Tourflex 947	Wood	R	D	
	Tourflex 947	Wood	S	H	
	ZT Featherlite	Iron	L, R	GG	
	ZT Featherlite	Iron	A, S	JJ	
	ZT Featherlite	Wood	L, R	D	
	ZT Featherlite	Wood	A, S	H	
TOUR SERIES	T.S Commercial Grade Graphite	Iron	all	GG	
	T.S Commercial Grade Graphite	Wood	all	D	
	Tour Series Junior	Iron	Jr.	FF	
	Tour Series Junior	Wood	Jr.	A	4
TRUE ACE	Blue Crush	Wood	R	ZB	
	Blue Crush	Wood	S	ZC	
	Green Ghost	Wood	R	ZB	
	Green Ghost	Wood	S	ZC	
	Orange Ion	Wood	R	ZB	
	Orange Ion	Wood	S	ZC	
	Pink Diamond	Iron	L	GG	
	Pink Diamond	Iron	A	JJ	
	Pink Diamond	Wood	L	D	
	Pink Diamond	Wood	A	H	
	Red Storm .370"	Hybrid	R	GG	
	Red Storm .370"	Hybrid	S	JJ	
	Red Storm .335"	Wood	R	T	
	Red Storm .335"	Wood	S	U	
TRUE TEMPER	Black Gold	Iron	all	AA	
	Dynalite A&L	Iron	L	AA	
	Dynalite A&L	Iron	A	BB	

MANUFACTURER / BRAND	SHAFT	TYPE	FLEX(S)	TRIM CHART	TRIM NOTES
TRUE TEMPER cont.	Dynalite R&S	Iron	R	AA	
	Dynalite R&S	Iron	S	CC	
	Dynamic Gold	Wood	all	A	1
	Dynamic Gold	Iron	all	AA	
	Dynamic Gold High Launch	Iron	all	AA	
	Dynamic Gold SL	Iron	all	AA	
	Dynamic Gold w/ SensiCore	Iron	all	AA	
	Dynamic Gold w/ SensiCore	Wood	all	A	1
	Dynamic R&S	Iron	R	AA	
	Dynamic R&S	Iron	S	CC	
	GS-75	Iron	all	FF	
	TT Lite A&L	Wood	L	A	1
	TT Lite A&L	Wood	A	B	1
	TT Lite A&L	Iron	L	AA	
	TT Lite A&L	Iron	A	BB	
	TT Lite XL R&S	Wood	R	A	1
	TT Lite XL R&S	Wood	S	C	1
	TT Lite XL R&S	Iron	R	AA	2
	TT Lite XL R&S	Iron	S	CC	2
	TX-90	Iron	all	AA	
UST	iRoD Hybrid Utility	Iron	all	AA	
	ProForce 65	Wood	all	E	
	ProForce 75	Wood	all	E	
	ProForce V2	Wood	all	E	
	ProForce V2 HL	Wood	all	E	

STANDARD LENGTH WOOD CHART

Number	Weight	Men's Graphite	Men's Steel	Ladies Graphite	Ladies Steel
Driver	198g	45"	44"	44"	43"
2-wood	203g	43.5"	43"	42.5"	42"
3-wood	208g	43"	42.5"	42"	41.5"
4-wood	213g	42.5"	42"	41.5"	41"
5-wood	218g	42"	41.5"	41"	40.5"
6-wood	223g	41.5"	41"	40.5"	40"
7-wood	228g	41"	40.5"	40"	39.5"
9-wood	233g	40.5"	40"	39.5"	39"
11-wood	238g	40"	39.5"	39"	38.5"
13-wood	243g	39.5"	39"	38.5"	38"
15-wood	248g	39"	38.5"	38"	37.5"

HYBRID & IRON CHART

Number	Weight	Men's Graphite	Men's Steel	Ladies Graphite	Ladies Steel
Δ	216g	41.5"	41"	40.5"	40"
Ω	223g	41"	40.5"	40"	39.5"
1-iron	229g	40.5"	40"	39.5"	39"
2-iron	236g	40"	39.5"	39"	38.5"
3-iron	243g	39.5"	39"	38.5"	38"
4-iron	250g	39"	38.5"	38"	37.5"
5-iron	257g	38.5"	38"	37.5"	37"
6-iron	264g	38"	37.5"	37"	36.5"
7-iron	271g	37.5"	37"	36.5"	36"
8-iron	278g	37"	36.5"	36"	35.5"
9-iron	285g	36.5"	36"	35.5"	35"
Wedges	291+g	36"	35.5"	35"	34.5"
Putter	var.	34"	34"	33"	33"

Acer Protégé and Dynacraft Avatar Junior Recommended Length Chart

Height	inches	Driver	3-wood	5-iron	7-iron	9-iron	Wedge	Putter
3'-0"	36"	28"	27"	23"	22"	21"	20"	19.5"
3'-2"	38"	29"	28"	24"	23"	22"	21"	20.5"
3'-4"	40"	30"	29"	25"	24"	23"	22"	21.5"
3'-6"	42"	31"	30"	26"	25"	24"	23"	22.5"
3'-8"	44"	32"	31"	27"	26"	25"	24"	23.5"
3'-10"	46"	33"	32"	28"	27"	26"	25"	24.5"
4'-0"	48"	34"	33"	29"	28"	27"	26"	25.5"
4'-2"	50"	35"	34"	30"	29"	28"	27"	26.5"
4'-4"	52"	36"	35"	31"	30"	29"	28"	27.5"
4'-6"	54"	37"	36"	32"	31"	30"	29"	28.5"
4'-8"	56"	38"	37"	33"	32"	31"	30"	29.5"
4'-10"	58"	39"	38"	34"	33"	32"	31"	30.5"
5'-0"	60"	40"	39"	35"	34"	33"	32"	31.5"
5'-2"	62"	41"	40"	36"	35"	34"	33"	32.5"
5'-4"	64"	42"	41"	37"	36"	35"	34"	33.5"