

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Adams	1998	STR 3	Adams steel	TT	S	95-105	W	13.0	11 3/8	42.50	117.0	13.36	2.5	263	D6.0	0.335	0.600	TT - Dynalite
Adams	1998	STR 3	Adams steel	TT	R	85-95	W	13.0	11 3/8	42.50	117.0	13.15	2.5	244	D4.5	0.335	0.600	TT - Dynalite
Adams	1998	STR 3	VMI-graphite fw	USA	S	90-100	W	13.0	11 7/8	43.00	85.3	12.64	4.5	261	D2.0	0.335	0.600	RP - Rifle Graphite 85
Adams	1998	STR 3	VMI-graphite fw	USA	R	70-80	W	13.0	11 7/8	43.00	85.7	12.78	4.5	239	D2.0	0.335	0.600	RP - Rifle Graphite 85
Adams	1998	STR 5	Adams steel	TT	S	100-110	W	19.0	11 7/8	42.00	117.0	13.30	2.5	269	D2.0	0.335	0.600	TT - Dynalite
Adams	1998	STR 5	Adams steel	TT	R	80-90	W	19.0	11 7/8	42.00	117.0	13.25	2.5	251	D2.0	0.335	0.600	TT - Dynalite
Adams	1998	STR 5	VMI-graphite fw	USA	S	90-100	W	19.0	11 7/8	42.75	86.0	12.75	4.5	265	D2.0	0.335	0.600	RP - Rifle Graphite 85
Adams	1998	STR 5	VMI-graphite fw	USA	R	80-90	W	19.0	11 7/8	42.75	86.6	12.70	4.5	248	D2.0	0.335	0.600	RP - Rifle Graphite 85
Adams	1999	SC 818 FC	SShaft UL TCE	Grafalloy	R	75-85	W	10.5	12	45.00	66.6	11.54	4.3	230	D2.2	0.350	0.608	Gra - ProLite .350T
Adams	1999	SC 818 FC	SShaft UL TCE	Grafalloy	S	85-95	W	10.5	11 3/4	44.75	66.7	11.48	4.0	251	D1.7	0.350	0.596	Gra - ProLite .350T
Adams	1999	TL2 Spin Control 3wd	Tight Lies 2	Grafalloy	R	75-85	W	13.0	11 1/4	43.00	61.5	12.22	3.7	242	D2.2	0.350	0.600	Gra - ProLite .350T
Adams	1999	TL2 Spin Control 3wd	Tight Lies 2	Grafalloy	S	85-95	W	13.0	11	43.00	62.3	12.16	3.5	258	D2.2	0.350	0.600	Gra - ProLite .350T
Adams	2001	TLST Ti 303cc	BiMatrx	TT	R	85-95	W	10.0	11 3/8	45.25	78.0	11.28	3.5	245	D5.0	0.335	0.600	TT - Bimatrx
Adams	2001	TLST Ti 303cc	BiMatrx	TT	S	90-100	W	10.0	11 3/8	45.25	76.0	11.36	3.5	246	D5.0	0.335	0.600	TT - Bimatrx
Adams	2002	GT Smart 3	GT Graphite Tip	TT	S	95-105	W	15.0	10 3/4	42.50	113.6	12.92	2.3	265	D3.4	0.350	0.600	TT - DynaLite
Adams	2002	GT Steel 303 TL	GT(Graphite Tip)	TT	S	95-105	W	9.5	12 3/4	44.00	108.9	12.72	2.4	261	D1.9	0.350	0.600	TT - DynaLite
Adams	2002	GT Steel 303 TL	GT TL UL SS™	Grafalloy	S	90-100	W	10.5	11 3/4	44.50	71.5	11.40	4.8	259	D0.2	0.350	0.600	TT - Bimatrx
Adams	2002	GT STR 3	GT TL UL SS™	Grafalloy	R	80-90	W	13.0	10 1/2	43.00	85.7	11.90	4.7	246	D2.5	0.350	0.600	TT - Bimatrx
Adams	2002	GT Ti 363 TL	GT TL UL SS™	Grafalloy	S	90-100	W	9.0	11 3/4	45.00	72.6	11.44	4.9	258	D3.1	0.350	0.600	TT - Bimatrx
Adams	2002	TL Ultimate GT	GT(Graphite Tip)	TT	R	75-85	Iron	5ir	9 1/4	38.00	113.0	14.52	2.5	296	D1.1	0.400	0.600	TT - GT .370T + shim
Air Zevo	1997	DRIVER	Air Zevo	Apachie	R	65-75	W	9.0	11 2/3	45.50	66.2	11.25	8.8	236	D4.0	0.335	0.600	UST - Competition 75
Air Zevo	1997	DRIVER	Air Zevo	Apachie	S	80-90	W	9.0	11 1/2	45.50	63.0	11.30	4.6	250	D5.0	0.335	0.600	UST - Competition 75
Armour	1996	Hot Scot 855s	Tour Step II	TT	R	90-100	W	10.0	12 1/2	43.75	107.6	12.78	2.5	257	D2.0	0.335	0.600	TT - Dynamic Gold Lite
Armour	1996	Hot Scot 855s	Tour Step II	TT	S	95-105	W	10.0	12 1/2	43.75	108.5	12.81	2.4	266	D2.0	0.335	0.600	TT - Dynamic Gold Lite
Armour	1996	Hot Scot 855s	G-Force 2 Tour	Aldila	R	75-85	W	10.0	11 2/3	44.25	81.8	11.87	3.0	239	D2.0	0.335	0.598	GD - YS-7
Armour	1996	Hot Scot-Ti	Tommy Gun UL	Aldila	R	75-85	W	10.0	11 1/8	45.50	78.2	10.86	4.5	246	D3.0	0.332	0.842	Ald - Exceleator
Armour	1996	Hot Scot-Ti	Tommy Gun UL	Aldila	S	85-95	W	10.0	11 1/2	45.68	81.6	10.98	4.3	258	D3.0	0.333	0.825	Ald - Exceleator
Armour	1996	TOMMY GUN Ti	Armour Ti 100 TM	Aldila	R	75-85	W	10.0	9 7/8	45.13	59.1	10.75	5.0	238	D8.0	0.332	0.825	Harrison Pro 4.5 FL Lite
Armour	1996	TOMMY GUN Ti	Armour Ti 100 TM	Aldila	S	85-95	W	10.0	9 5/8	45.13	59.2	10.65	4.5	250	D8.0	0.333	0.842	Harrison Pro 4.5 FL Lite
Armour	1998	TOMMY 855	G-FORCE TOUR 105	Aldila	R	85-95	W	11.0	11 7/8	44.13	87-92	12.00	3.4	247	D3.1	0.335	0.602	Ald - ProLogic 95
Armour	1998	TOMMY 855 Ti	TOMMY GUN UL	Aldila	R	75-85	W	10.0	11 1/2	45.00	60-65	11.00	5.0	239	D1.4	0.335	0.600	UST Pro Force 55 A
Armour	1998	TOMMY 855 Ti	TOMMY GUN UL	Aldila	S	80-90	W	10.0	11 3/4	45.00	60-65	11.20	5.2	249	D2.2	0.335	0.605	UST Pro Force 55 R
Armour	1999	845s Ti	GForce 3.3 TSeries	Aldila	S	80-90	W	10.0	12 5/8	44.13	78.9	12.08	5.8	248	C8.5	0.335	0.598	Ald - VX Series
Armour	1999	845s Ti	GForce 3.3 TSeries	Aldila	R	70-80	W	10.0	12 1/8	44.13	76.2	12.04	6.4	230	D0.5	0.335	0.599	Ald - VX Series
Armour	1996	Hot Scot 855s	G-Force 2 Tour	Aldila	S	90-100	W	10.0	12	44.25	88.1	12.09	3.0	267	D2.0	0.335	0.600	Ald - Tour Gold 80B
Callaway	1996	Big Bertha	Big Bertha Ultralite	Aldila	Light	65-75	W	12.0	10 3/8	44.00	61.3	10.97	5.8	237	D1.0	0.335	0.605	UST - ProForce 55 A
Callaway	1996	Big Bertha	Big Bertha Ultralite	Aldila	R	75-85	W	12.0	10 1/4	44.00	60-65	10.97	5.9	251	D1.0	0.335	0.610	Ald - V2000 PLUS
Callaway	1996	Big Bertha	Big Bertha Ultralite	Aldila	F	85-95	W	10.0	10 1/2	44.00	62.5	10.96	5.2	265	D1.0	0.335	0.613	Ald - V2000 PLUS
Callaway	1996	Big Bertha	Memphis 10	TT	S	95-105	W	12.0	12 1/2	43.50	110.4	12.70	2.7	266	D2.0	0.335	0.600	TT - Dynalite
Callaway	1996	Big Bertha	RCH 90	Aldila	Light	65-75	W	12.0	11 7/8	44.00	84.8	11.80	4.4	232	D0.0	0.335	0.600	Ald - Exceleator
Callaway	1996	Big Bertha	RCH 90	Aldila	R	75-85	W	12.0	11 3/4	44.00	90.5	12.00	4.6	242	D2.0	0.335	0.600	Ald - Exceleator

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Callaway	1996	Big Bertha	RCH 90	Aldila	F	80-90	W	12.0	12 1/8	44.00	90.5	12.00	4.3	250	D1.0	0.335	0.600	Ald - Exceleator
Callaway	1996	Big Bertha	RCH 90	Aldila	Str	90-100	W	10.0	12 1/4	44.00	91.9	12.05	4.3	261	D1.0	0.335	0.600	Ald - Exceleator
Callaway	1996	Big Bertha	RCH 96	HST	R	80-90	W	11.0	11 1/8	44.00	70.9	11.31	4.8	246	D1.0	0.370	0.603	Ald - VX Series
Callaway	1996	Big Bertha	RCH 96	HST	F	85-95	W	10.0	11 1/8	44.00	70.4	11.29	4.2	253	D1.0	0.370	0.607	Ald - VX Series
Callaway	1996	GBBertha	GBB Ultralite	GD	Light	65-75	W	10.0	11 1/4	45.00	62.0	10.82	5.7	239	D1.0	0.335	0.600	GD - YS-6
Callaway	1996	GBBertha	GBB Ultralite	GD	R	70-80	W	9.0	11 1/4	45.00	55.6	10.77	5.6	248	D0.0	0.335	0.605	GD - YS-6
Callaway	1996	GBBertha	GBB Ultralite	GD	F	75-85	W	9.0	11 1/4	45.00	58-63	10.78	5.5	256	D1.0	0.335	0.613	GD - YS-6
Callaway	1996	GBBertha	Gem Ultralite	GD	Light	55-65	W	11.0	10	44.00	55-60	10.34	6.0	224	C6.0	0.335	0.580	GD - YS-6
Callaway	1997	GBBertha	GBB Ultralite	GD	Str	85-95	W	10.5	11 1/8	45.00	58-64	10.80	6.1	264	D1.0	0.335	0.608	GD - YS-6
Callaway	1997	GBBertha	GBB Ultralite	GD	R	75-85	W	11.0	11 1/8	45.00	58-65	10.75	6.3	250	D1.0	0.335	0.600	GD - YS-6
Callaway	1997	The Biggest	Biggest BB UL	GD	S	70-80	W	9.0	11 1/2	46.13	52.2	10.65	7.2	249	D5.0	0.335	0.600	GD - YS-6
Callaway	1997	The Biggest	Biggest BB UL	GD	R	65-75	W	9.0	11 1/4	46.13	47.9	10.50	6.7	238	D4.0	0.335	0.600	GD - YS-6
Callaway	1997	The Biggest	Biggest BB UL	GD	F	85-95	W	9.0	10 2/3	46.13	52-57	10.55	6.1	254	D6.0	0.335	0.600	GD - YS-6
Callaway	1998	BB SteelHead	RCH 99	GD	R	65-75	W	11D	11	44.00	71.7	11.23	5.0	228	D0.5	0.335	0.600	GD - YS-7
Callaway	1998	BB SteelHead	RCH 99	GD	R	75-85	W	12D	11	44.00	72.0	11.28	5.0	239	D0.5	0.335	0.600	GD - YS-7
Callaway	1998	BB SteelHead 11D	M10 Sept 98	TT	M10	90-100	W	11.0	11 1/2	43.50	98.9	12.17	2.8	254	D2.5	0.335	0.600	TT - Dynalite
Callaway	1998	BB SteelHead 11D	RCH 99	HST	F	80-90	W	11.0	11	44.00	72.2	11.25	4.5	242	D1.0	0.335	0.600	Gra - Prolite 35
Callaway	1998	BB SteelHead 12D	RCH 99	Aldila	L	55-65	W	12.0	11 1/2	43.50	67.8	11.42	7.4	229	C5.5	0.335	0.590	Ald - Exceleator
Callaway	1998	BB SteelHead 3	RCH 99	HST	R	65-75	W	15.0	10 1/4	43.00	72.1	11.44	5.0	234	D0.5	0.335	0.600	Ald - Exceleator
Callaway	1998	BB SteelHead 3	RCH 99	HST	F	80-90	W	15.0	10	43.00	72.4	11.54	4.5	247	D2.2	0.335	0.600	Gra - Prolite 35
Callaway	1998	BB SteelHead 3	RCH 99	Aldila	L	55-65	W	14.0	10 3/4	42.50	67.4	11.48	7.3	231	C4.5	0.335	0.590	Ald - Exceleator
Callaway	1998	BB SteelHead 3+	RCH 99	HST	R	65-75	W	14.5	10 1/8	43.00	72.8	11.55	5.0	235	D2.5	0.335	0.600	Ald - Exceleator
Callaway	1998	BB SteelHead 4	RCH 99	HST	R	65-75	W	16.5	10 1/4	42.50	72.5	11.71	5.0	234	D2.5	0.335	0.600	Ald - Exceleator
Callaway	1998	BB SteelHead 5	RCH 99	HST	R	65-75	W	17.5	9 1/2	42.00	72.2	11.79	5.0	237	D2.2	0.335	0.600	Ald - Exceleator
Callaway	1998	BB SteelHead 5	RCH 99	Aldila	L	55-65	W	18.0	10	41.50	67.2	11.82	7.1	227	C6.0	0.335	0.590	Ald - Exceleator
Callaway	1998	BB SteelHead 7	RCH 99	HST	A	60-70	W	20.5	9 1/4	41.50	72.4	11.80	5.5	230	D1.5	0.335	0.600	Ald - VL SERIES
Callaway	1998	BB SteelHead 7	M10 Sept 98	TT	M10	90-100	W	19.0	10 4/5	41.00	98.7	12.76	2.8	260	D2.0	0.335	0.600	TT - Dynalite
Callaway	1998	BB SteelHead 9	RCH 99	HST	R	60-70	W	22.0	8 7/8	41.00	72.3	12.04	5.0	233	D2.2	0.335	0.600	Ald - VL Series
Callaway	1998	BB SteelHead 9	M10 Sept 98	TT	M10	90-100	W	22.0	10 1/2	40.50	98.4	12.90	2.8	268	D2.0	0.335	0.600	TT - Dynalite
Callaway	1998	BB SteelHead 9D	RCH 99	HST	F	80-90	W	9.0	11	44.00	72.5	11.33	4.5	243	D1.0	0.335	0.600	Gra - Prolite 35
Callaway	1998	BB War Bird	RCH 96 3 wood	Aldila	R	70-80	W	16.0	10 1/2	43.00	74.0	11.58	4.5	237	D0.0	0.335	0.600	Ald - VX Series
Callaway	1998	BB War Bird	RCH 96 5 wood	Aldila	R	70-80	W	18.0	10	42.00	73.0	11.76	4.5	242	D0.0	0.335	0.603	Ald - VX Series
Callaway	1998	BB War Bird	RCH 60	Aldila	F	90-100	W	10.0	11 3/4	43.50	80-85	11.98	8.0	273	D0.0	0.335	0.610	Ald - VX Series
Callaway	1998	BB War Bird	RCH 60	Aldila	R	60-70	W	10.0	11 3/4	43.50	84.5	12.00	8.0	232	D0.0	0.335	0.605	Ald - VX Series
Callaway	1998	BB War Bird	S2H2	TT	R300	85-95	W	9.0	12 1/2	43.00	122.0	13.10	2.1	245	D1.1	0.335	0.600	TT - Dynamic Gold
Callaway	1998	BB War Bird	RCH 96 7 heaven	Aldila	R	70-80	W	21.0	9 2/3	41.50	72.9	11.94	4.8	239	D1.0	0.335	0.600	Ald - VL Series
Callaway	1998	BBB	BBB UL	HST	STR	100-110	W	10.0	11 1/8	45.50	61.2	10.67	5.6	272	D1.9	0.334	0.612	Gra - Prolite 35
Callaway	1999	GBB Hawk Eye TG	Hawk Eye UL	HST?	R	70-80	W	10.0	10 3/4	45.00	57.9	10.48	5.7	239	C8.7	0.350	0.598	Call - VFT System 60
Callaway	1999	GBB Hawk Eye TG	Hawk Eye UL	HST?	F	85-95	W	10.0	10 7/8	45.00	62.2	10.76	5.7	252	D1.1	0.350	0.609	Call - VFT System 60
Callaway	2000	ERC II	BB UL System 50	HST	R	75-85	W	10.0	11 1/4	45.50	59.6	10.70	5.2	237	D2.2	0.350	0.604	Call - VFT System 60
Callaway	2000	Hawkeye Ti	Hawkeye	Callaway	F	65-75	Iron	5ir	7 1/2	38.00	74.1	13.22	4.8	292	D0.8	0.370	0.605	Ald - Exceleator

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Callaway	2000	Hawkeye Ti	Hawkeye Gem	Callaway	L	40-50	Iron	5ir	7 1/2	37.25	65.6	12.62	6.0	249	C4.5	0.370	0.588	Gra - AttackLite
Callaway	2000	Hawkeye Ti	Hkye ProSeries 3.1	Callaway	F	85-95	W	8.5	10 3/4	45.00	77.4	11.68	4.7	250	C7.3	0.350	0.608	Call - VFT System 60
Callaway	2000	Hawkeye Ti (LW)	Hawkeye Graphite	Callaway	R	Wdg	Wdg	60	6 3/4	36.00	68.2	14.58	5.0	294	D5.1	0.370	0.600	Call - VFT System 60
Callaway	2000	Hawkeye VFT Ti	BB System 60	Callaway	R	75-85	W	10.0	11 3/4	45.00	62.2	11.10	5.2	234	D0.2	0.350	0.605	Call - VFT System 60
Callaway	2000	Steelhead Plus	SteelHead Plus	Callaway	R	75-85	W	9.0	11	44.00	67.1	11.40	5.3	232	D1.9	0.350	0.600	Call - VFT System 60
Callaway	2000	Steelhead Plus	SteelHead Plus	Callaway	F	85-95	W	9.0	11	44.00	67.3	11.38	5.2	241	D0.5	0.350	0.600	Call - VFT System 60
Callaway	2000	Steelhead Plus	SteelHead Plus	CW	M10	90-100	W	9.0	11 3/4	43.50	91.1	12.34	2.1	257	D3.4	0.350	0.605	TT - TX 90 .350T
Callaway	2000	SteelHead X-14	SteelHead X-14	Aldila	F	65-75	Iron	5ir	7 3/4	38.00	67.4	13.16	4.0	290	D0.5	0.370	0.600	Ald - Exceleator
Callaway	2000	SteelHead X-14	SteelHead X-14 CW	RP	ND	75-85	Iron	5ir	9	38.00	103.5	14.36	2.0	298	D1.4	0.370	0.600	RP - Rifle Tour Flighted
Callaway	2000	x-14 (AW)	Rifle	Royal/FM	N/S	Wdg	Wdg	53	7 1/2	35.50	107.1	15.72	2.0	316	D5.4	0.370	0.600	RP - Rifle 5.5
Callaway	2001	Hawkey VFT	System 75	Callaway	F	65-75	Iron	5ir	8 3/8	38.00	90.3	13.72	4.0	290	D0.2	0.355	0.605	Gra - Pro M29 LBP tt
Callaway	2001	Stl Hd ProS X14	Constant Wt. Rifle	Royal/FM	S	75-85	Iron	5ir	9 1/2	38.00	118.0	14.90	2.2	291	D2.5	0.370	0.605	RP - Rifle Tour Flighted
Callaway	2002	BB Steelhead III	III Uniflex Steel	Callaway	U	95-105	W	10.0	11 1/2	43.50	121.1	12.62	2.2	260	D4.8	0.350	0.600	TT - Dynamic Gold .350T
Callaway	2002	BB Steelhead III	III Uniflex Steel	Callaway	U	95-105	W	9.0	11 3/4	43.50	122.2	12.66	2.2	263	D4.2	0.350	0.600	TT - Dynamic Gold .350T
Callaway	2002	BB Steelhead III	III Uniflex Steel	Callaway	U	95-105	W	3+	11 1/4	42.50	120.0	12.76	2.1	261	D3.5	0.350	0.600	TT - Dynamic Gold .350T
Callaway	2002	BB Steelhead III	SysIII Tuned Perf	Callaway	F	90-100	W	9.0	11	44.00	77.4	11.54	4.6	250	D0.5	0.350	0.600	Call - VFT System 60
Callaway	2002	BB Steelhead III	SysIII Tuned Perf	Callaway	R	80-90	W	10.0	11	44.00	74.0	11.42	4.8	240	D1.7	0.350	0.600	Call - VFT System 60
Callaway	2002	Big Bertha	BB CW Uniflex	TT	U	75-85	Iron	5ir	9	38.00	113.0	14.52	2.2	300	D1.9	0.370	0.600	TT - Dynalite
Callaway	2002	Big Bertha	System 75	Callaway	F	65-75	Iron	5ir	7 3/4	38.00	78.4	13.30	4.5	293	C9.6	0.370	0.600	UST Competition 75 Series
Callaway	2002	Big Bertha C4	Callaway C4	Callaway	R	70-85	W	12.0	9.50	45.50	49.6	10.10	5.8	230	D2.5	0.400	0.600	Ald - Tip .400 Special order
Callaway	2002	Big Bertha C4	Callaway C4	Callaway	F	85-95	W	10.0	9.75	45.50	50.2	10.12	5.8	250	D3.4	0.400	0.600	Ald - Tip .400 Special order
Callaway	2002	Big Bertha C4	Callaway C4	Callaway	R	70-85	W	9.0	9.75	45.50	52.2	10.12	5.8	235	D3.0	0.400	0.600	Ald - Tip .400 Special order
Callaway	2002	Big Bertha C4	Callaway C4	Callaway	F	85-95	W	9.0	9.75	45.50	51.9	10.18	5.4	250	D2.5	0.400	0.600	Ald - Tip .400 Special order
Callaway	2002	Big Bertha C4	Callaway C4	Callaway	R	70-85	W	10.0	9.75	45.50	47.3	10.02	5.7	238	D2.3	0.400	0.600	Ald - Tip .400 Special order
Callaway	2002	Hawkey VFT Irons	Gems 55 UL	Callaway	L	45-55	Iron	5ir	7 3/8	37.00	66.0	12.94	5.5	249	C3.1	0.370	0.600	Gra - Attacklite
Callaway	2002	STEELHEAD X-14	Constant Weight	TT	ND	75-85	Iron	5ir	9	38.00	109.0	14.38	2.0	298	D1.4	0.370	0.600	TT - Dynalite
Callaway	2002	STEELHEAD X-14	Dyn Gold W/Sens	TT	S300	80-90	Iron	5ir	9 1/8	38.00	125.5	14.96	1.9	307	D5.1	0.370	0.600	TT - Dynamic Gold w/sens
Callaway	2002	STEELHEAD X-14	Constant Weight	TT	ND	75-85	Iron	5ir	9 1/8	38.00	124.4	14.92	2.0	292	D1.5	0.355	0.600	TT - Dynalite
Callaway	2002	STEELHEAD X-14	BB STEELHEAD X-14	Callaway	STR	65-75	Iron	5ir	8 1/4	38.00	87.5	13.62	4.5	290	D0.2	0.370	0.605	Ald - VX Series
Callaway	2002	STEELHEAD X-14	BB STEELHEAD X-14	Callaway	F	60-70	Iron	5ir	7 3/4	38.00	77.3	13.26	4.8	285	D0.8	0.370	0.600	Ald - VX Series
Callaway	2002	Stl Hd ProS X14	Constant Weight Rifle	FM	XS	80-90	Iron	5ir	9 1/4	38.00	119.8	14.76	1.9	300	D2.5	0.370	0.600	RP - CW Rifle 6.5
Carbite	2000	Polar Balanced	Steel	TT	----	Wdg	Wdg	56	8	35.25	121.0	16.86	2.1	315	D5.1	0.370	0.605	TT - Dynamic S
Cleveland	1996	VAS	H.E.T. GRAPHITE	TT	231W	75-85	W	11.5	12 1/8	44.50	85-90	12.06	2.8	238	D3.0	0.335	0.578	TT - EI70
Cleveland	1996	VAS	H.E.T. GRAPHITE	TT	234W	85-95	W	10.0	11 3/4	44.25	85-90	12.09	3.1	256	D4.0	0.335	0.580	TT - EI70
Cleveland	1996	VAS	STEEL	TT	F	95-105	W	11.5	12 3/4	43.75	115.0	12.96	2.4	265	D2.0	0.335	0.605	TT - Dynalite
Cleveland	1996	VAS TI - Diamond	F 85-100	TT	F	90-100	W	10.0	12	45.50	65.1	10.93	6.0	248	D0.5	0.335	0.600	Gra - AttackLite
Cleveland	1996	VAS TI -Square	MED 75-90	TT	MED	85-95	W	8.5	11 7/8	45.50	64.5	10.85	6.0	242	D0.5	0.335	0.600	Gra - Prolite Elite
Cleveland	1996	VAS+ Diamond	Boron Composite	TT	F	65-75	Iron	5ir	8	38.00	76.7	13.38	4.2	282	D1.0	0.355	0.600	Gra - Prologic tt
Cleveland	1996	VAS+Square	Boron Composite	TT	MED	50-60	Iron	5ir	8	38.00	76.4	13.37	4.4	267	D1.0	0.355	0.598	Gra - AttackLite tt
Cleveland	1996	VAS+Square	Steel- Square	TT	MED	60-70	Iron	5ir	9 1/4	38.00	114.4	14.71	1.8	283	D3.0	0.355	0.600	TT - Release tt
Cleveland	1996	VAS-Diamond	Steel- Diamond	TT	F	70-80	Iron	5ir	9 1/4	38.00	114.4	14.71	1.7	307	D2.0	0.355	0.600	TT - Dynalite tt

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Cleveland	1996	VAS-Diamond 222l	Boron Composite	TT	F	65-75	Iron	5ir	7 5/8	38.00	90.0	13.85	3.3	287	D3.0	0.355	0.597	Gra - Pro M29 tt
Cleveland	1996	VAS-Square	Steel- Square	TT	MED	60-70	Iron	5ir	9 1/4	38.25	121.2	14.95	1.8	277	D2.0	0.355	0.580	TT - Release tt
Cleveland	1996	VAS-Square	Boron Composite	TT	MED	55-65	Iron	5ir	7 7/8	38.25	93.1	13.96	3.3	280	D3.0	0.355	0.599	Gra - Prologic tt
Cleveland	1997	Classic vsn ?	HET Steel	TT	Wdg	Wdg	Wdg	55°	7 3/4	35.50	118.4	16.65	1.7	327	D7.0	0.355	0.602	TT - Dynamic tt
Cleveland	1998	Tour Action TA ³	Dynamic	TT	S	75-85	Iron	5ir	9 5/8	38.00	120.5	15.10	1.8	304	D1.9	0.355	0.580	TT - Tri-Gold tt
Cleveland	1998	VAS 792	Boron Composite	TT	F	65-75	Iron	5ir	8	38.00	65.9	13.00	3.5	290	D1.1	0.352	0.600	Gra - Pro M29 LBP tt
Cleveland	1999	QUAD CuTg/Cu/Cu	QUADPRO LW	Grafalloy	S	70-80	W	10.5	11 1/8	44.25	64.2	11.40	6.8	245	D1.7	0.328	0.610	Gra - AttackLite
Cleveland	1999	QUAD CuTg/Cu/Cu	QUADPRO LW	Grafalloy	R	75-85	W	10.5	11 1/8	44.25	64.6	11.46	6.8	238	D2.5	0.332	0.610	Gra - AttackLite
Cleveland	1999	Titanium- Square	GT Wood	TT	MED	70-80	W	10.0	11 1/2	45.00	64.5	10.87	6.0	242	D1.0	0.350	0.610	TT - EI70 .350T
Cleveland	1999	Tour Action TA5	Variable Step	TT	S	55-65	Iron	5ir	9 1/4	38.00	117.2	14.24	2.2	278	C9.6	0.370	0.600	TT - Release
Cleveland	2000	Quad Pro	Steel	TT	S	Wdg	Wdg	54	7 1/4	35.50	115.2	15.72	2.0	294	D5.1	0.370	0.605	TT - Dynamic
Cleveland	2000	QuadPro	Variable Step	TT	R	50-60	Iron	5ir	8 3/4	38.00	104.0	14.34	2.2	266	D1.9	0.370	0.590	TT - Release
Cleveland	2000	QuadPro Ti	Quad Pro Ti	TT	S	75-85	W	9.5	11 1/2	45.00	60.6	11.16	4.8	239	D1.1	0.335	0.611	TT - AttackLite
Cleveland	2000	QuadPro Ti	Quad Pro Ti	TT	S	75-85	W	10.5	11 1/4	45.00	62.2	11.20	4.7	240	D2.8	0.335	0.608	TT - AttackLite
Cleveland	2000	QuadPro Ti	Quad Pro Ti	TT	R	75-85	W	9.5	11 1/2	45.00	60.2	11.14	4.8	236	D1.1	0.333	0.604	TT - AttackLite
Cleveland	2000	QuadPro Ti	Quad Pro Ti	TT	S	80-90	W	8.5	11 1/4	45.00	61.0	11.10	4.6	248	D1.1	0.334	0.607	TT - AttackLite
Cleveland	2000	TA1	Dynamic Gold	TT	S300	80-90	Iron	5ir	9 1/2	38.00	115.6	15.18	1.8	308	D1.4	0.370	0.600	TT - Dynamic Gold
Cleveland	2000	TA3	Dynamic Gold	TT	R300	Wdg	W	55.0	9 3/4	35.50	118.3	16.56	2.1	303	D5.6	0.370	0.600	TT - Dynamic Gold
Cleveland	2000	TA3	Dynamic Gold	TT	R300	75-85	Iron	5ir	9 1/2	38.00	112.1	14.96	1.9	287	D1.7	0.370	0.601	TT - Dyn Gold R300
Cleveland	2000	TA3 SW	Dynamic Gold	TT	R300	Wdg	Wdg	55	9 3/4	35.50	115.8	16.56	2.0	303	D5.6	0.370	0.600	TT - Dynamic Gold
Cleveland	2000	Tour Action			L	Wdg	Wdg	60	5 3/4	34.25	107.0	14.94	2.1	310	D0.8	0.370	0.581	TT - Dyalite
Cleveland	2000	Tour Action	Dynamic Gold	TT	S	Wdg	Wdg	56	8 1/4	35.75	117.8	16.78	1.9	322	D6.2	0.370	0.608	TT - Dynamic Gold S300
Cleveland	2002	Launcher	Launcher Gold	FujiKura	S	90-100	W	9.5	11 3/4	45.00	63.0	11.26	3.5	244	D1.4	0.335	0.602	Har - Pro 3.5 FL Lite
Cleveland	2002	Launcher Fairway	Launcher Gold	FujiKura	S	90-100	W	13.0	10 1/4	43.25	62.0	11.52	3.4	247	D1.1	0.335	0.603	Har - Pro 3.5 FL Lite
Cleveland	2002	TA 7 Irons	Dynamic Gold	TT	R	75-85	Iron	5ir	9 3/4	38.00	118.7	14.85	2.0	295	D1.7	0.370	0.600	TT - Dyn Gold w/sens
Cleveland	2002	TA 7 Irons	Dynamic Gold	TT	S	80-90	Iron	5ir	9 1/2	38.00	119.8	14.92	1.9	304	D1.5	0.370	0.600	TT - Dyn Gold W/Sens
Cobra	1996	Cobra Ti	AUTOCLAVE SYS-R	WCC Gph	R	80-90	W	11.5	11 1/2	45.00	70-75	11.52	3.5	242	D5.0	0.370	0.600	Gra - Prolite .370T
Cobra	1996	Cobra Ti	AUTOCLAVE SYS-S	WCC Gph	S	85-95	W	10.5	11 3/4	45.13	70-75	11.66	3.5	248	D5.0	0.370	0.605	Gra - Prolite .370T
Cobra	1996	KC Oversize L	Autoclave System	Kunan	L	45-55	Iron	5ir	7 1/2	37.50	74.1	13.29	5.0	253	C9.0	0.370	0.600	Ald - VL Series
Cobra	1996	KC Oversize	Autoclave System	TT	Sr.	50-60	Iron	5ir	9	38.50	97.1	14.10	5.0	270	D4.0	0.370	0.600	TT - Release
Cobra	1996	KC Oversize Tour	Autoclave System	Kunan	S	60-70	Iron	5ir	8 3/4	38.25	94.8	14.02	4.8	293	D1.0	0.370	0.600	TT - TT Lite XL
Cobra	1996	KING COBRA	Low Flex	Cobra	F	85-95	W	9.0	12 1/2	44.00	84-86	12.40	2.8	259	D4.0	0.380	0.600	Gra - Prolite .370T
Cobra	1996	KING COBRA	L COBRA	Cobra	LIGHT	60-70	W	12.0	11 1/4	43.00	72.0	11.56	5.8	230	D0.0	0.370	0.580	Ald - VL Series
Cobra	1996	KING COBRA	SENIOR	Cobra	A	65-75	W	10.5	12 1/4	44.25	87.0	12.23	5.2	245	D3.0	0.370	0.600	Ald - VL Series
Cobra	1996	KING COBRA	Low Flex	WCC Gph	R	80-90	W	10.5	12 1/2	44.00	85-90	12.32	2.8	248	D4.0	0.350	0.610	Gra - Prolite .350T
Cobra	1996	KC Oversize	Steel	Apollo	R	65-75	Iron	5ir	9 3/8	38.25	113.0	14.66	2.0	295	D3.0	0.370	0.600	TT - Dyalite Gold
Cobra	1996	KC Oversize	Steel	TT	S	75-85	Iron	5ir	9 7/8	38.25	127.2	15.16	1.9	315	D3.0	0.370	0.600	TT - Dynamic Gold
Cobra	1996	KC Oversize	Autoclave System	TT	R	55-65	Iron	5ir	8 7/8	38.25	94.0	13.99	2.2	270	D1.0	0.370	0.600	TT - Release
Cobra	1996	KC Oversize	Autoclave System	Kunan	S	60-70	Iron	5ir	8 7/8	38.25	98.5	14.15	2.1	293	D1.0	0.370	0.600	TT - TX-90
Cobra	1996	Norman Grind	Rifle	FM	5.0	70-80	Iron	5ir	9 1/2	38.25	119.2	14.88	1.9	302	D4.0	0.370	0.600	RP - Rifle 5.0
Cobra	1996	OFFSET	.350 GRAPH HIGH	WCC Gph	F	90-100	W	12.0	12 1/2	44.25	85-90	12.33	3.1	257	D5.0	0.350	0.605	Gra - Prolite .350T

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OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Cobra	1996	OFFSET	.350 GRAPHITE	WCC Gph	A	75-85	W	12.0	12 1/2	44.25	85-90	12.29	3.2	241	D4.0	0.350	0.610	Gra - Prolite .350T
Cobra	1996	OFFSET	.350 GRAPHITE	WCC Gph	F	95-105	W	10.5	12 3/4	44.25	85-90	12.50	3.0	262	D5.0	0.350	0.600	Gra - Prolite .350T
Cobra	1996	OFFSET	.350 STEEL	Apollo	R	95-105	W	12.0	13 1/4	43.75	108.0	13.28	2.3	259	D5.0	0.350	0.600	TT - Dyalite
Cobra	1996	OFFSET	.350STEEL	Apollo	S	100-110	W	12.0	13 1/4	43.75	108.0	13.15	2.2	268	D4.0	0.350	0.600	TT - Dyalite
Cobra	1997	KCII Oversize	IQ System	Cobra	Senior	55-70	Iron	5ir	8 3/4	37.75	78.8	13.56	4.5	258	D3.5	0.380	0.600	Ald - VL Series
Cobra	1997	KCII Oversize	IQ Sys Stblzng tip	Cobra	R	55-65	Iron	5ir	8	38.25	79.1	13.36	4.2	262	D3.0	0.380	0.605	Ald - VL Series
Cobra	1997	KCII Oversize	IQSys Stbzig tip	Cobra	Senior	50-60	Iron	5ir	8 3/4	37.75	81.8	13.56	4.6	258	D3.5	0.380	0.595	Ald - Excelerator
Cobra	1997	KCII Tour	IQ Syst. Stablizing tip	Cobra	S	60-70	Iron	5ir	9 1/4	38.25	112.7	14.65	4.0	277	D3.5	0.370	0.600	TT - TT Lite XL W/sens
Cobra	1998	Cobra Ti	AUTOCLAVE SYST	WCC Gph	R	80-90	W	13.0	12 1/8	45.25	65-70	11.42	4.0	243	D3.0	0.370	0.600	Gra - Prolite .370T
Cobra	1998	Cobra Ti	AUTOCLAVE SYST	WCC Gph	S	90-100	W	12.0	12 1/4	45.25	65-70	11.49	4.4	258	D3.0	0.370	0.605	Gra - Prolite .370 S Tip 1"
Cobra	1998	KCII Oversize	Hump-Steel	Apollo	S	65-75	Iron	5ir	9 1/8	38.13	110.0	14.70	2.1	279	D3.1	0.380	0.580	TT - TX-90
Cobra	1998	KCII Tour	Hump-Steel	Apollo	R	65-75	Iron	5ir	9 1/8	38.00	105.0	14.80	2.1	287	D2.5	0.380	0.580	TT - TX-90
Cobra	1998	KCII Tour	Steel	TT	S3004	75-85	Iron	5ir	9 2/3	37.88	116.0	15.20	2.0	310	D3.4	0.370	0.600	TT - Dyalite Gold S300
Cobra	1998	OFFSET	.350 GRAPH HIGH	WCC Gph	R	85-95	W	12.0	12 1/4	44.25	80-85	12.27	3.1	248	D5.0	0.350	0.605	Gra - Prolite .350T
Cobra	1998	TI OFFSET	Oversize UL	WCC GPH	A	55-65	W	11.0	11 5/8	45.13	59-61	11.70	5.0	224	D3.4	0.370	0.595	Par - Low Torque
Cobra	1998	TI OFFSET	Oversize UL	WCC Gph	S	90-100	W	10.5	11 3/4	45.00	59-61	11.30	5.4	254	D-2.2	0.370	0.600	Gra - Prolite .370 S Tip 1"
Cobra	1998	TI OFFSET	Oversize UL	WCC Gph	S	90-100	W	8.5	11 1/4	45.00	59-61	11.00	5.4	249	D-2.2	0.370	0.600	Gra - Prolite .370 S Tip 1"
Cobra	1998	TI OFFSET	Oversize UL	WCC GPH	R	65-75	W	10.5	11 1/4	45.25	62.1	11.00	5.1	235	D3.9	0.370	0.600	Gra - Prolite .370T
Cobra	1999	Gravity Back	Cobra R flex	Apollo	R	70-80	Iron	5ir	9 1/8	38.00	111.1	14.70	2.0	295	D1.7	0.370	0.600	TT - Dyalite Gold
Cobra	1999	Gravity Back	High Perf LW Tech	N/A	R	55-65	Iron	5ir	8 1/4	38.00	76.8	13.56	4.6	276	D1.1	0.371	0.585	Ald - VL Series
Cobra	1999	Gravity Back Ti	High Perf LW Tech	HST?	R	80-90	W	10.5	11 5/8	45.00	62.1	11.10	6.2	244	D1.9	0.345	0.595	Gra - ProLite 35 .350T
Cobra	1999	Gravity Back Ti	High Perf LW Tech	HST?	S	90-105	W	10.5	11 1/2	45.00	65.2	11.12	6.0	254	D2.2	0.343	0.605	Gra - ProLite 35 .350T
Cobra	1999	Grty Back Ti Offset	High Perf LW Tech	HST?	R	80-90	W	10.5	11 1/2	45.00	61.7	11.02	6.1	244	D1.7	0.345	0.595	Gra - ProLite 35 .350T
Cobra	1999	Grty Back Ti Offset	High Perf LW Tech	HST?	S	90-105	W	10.5	11 1/2	45.00	63.9	11.18	6.0	255	D2.5	0.345	0.600	Gra - ProLite 35 .350T
Cobra	2000	CX1	Dyalite	TT	R	Wdg	Wdg	56	8	35.50	114.3	16.38	1.9	318	D3.1	0.370	0.600	TT - Dyalite
Cobra	2000	CX1	Dyalite	TT	R	70-80	Iron	5ir	9 1/4	38.00	114.6	14.90	2.1	293	D1.1	0.370	0.600	TT - Dyalite
Cobra	2000	CX1	Airweight Graphite	N/A	L	45-55	Iron	5/6ir	6 1/4	38.00	48.6	11.98	4.5	262	C7.9	0.370	0.590	Gra - AttackLite
Cobra	2000	CX1	High Performance UL	TT	S	Wdg	Wdg	56	7	35.50	118.6	15.10	1.9	303	D2.8	0.370	0.600	TT - Dynamic Gold R300
Cobra	2000	Gravity Back	High Per GPH LW	TT	Wdg	Wdg	Wdg	56	7	35.25	117.5	14.82	1.9	303	D0.8	0.370	0.610	TT - Dynamic Gold R300
Cobra	2002	SS 350 Series	HM Tour Cust MKick	Aldila	S	90-100	W	9.0	11 1/2	45.00	63.0	11.26	4.0	246	D0.5	0.335	0.600	Ald - HM2000 Tour 65
Cobra	2002	SS OS Men's	HM Tour Mid Kick	Aldila	R	60-70	Iron	5ir	8 1/2	38.25	74.2	13.46	4.2	280	C9.6	0.370	0.602	Ald - Excelerator
Cobra	2002	SS OS Men's	Precision Microtaper	FM	S	70-80	Iron	5ir	9	38.00	117.0	14.45	2.1	290	D1.1	0.370	0.600	RP - FCM 5.0
Cobra	2002	SS Seniors	HM Tour Low Kick	Aldila	A	55-65	Iron	5ir	8	38.25	68.4	13.25	4.3	270	D1.0	0.370	0.600	Ald - VL Series
Cobra	2002	SS Womens	HM Tour Low Kick	Aldila	L	45-55	Iron	5ir	7	37.13	52.0	12.26	4.5	248	C2.5	0.370	0.590	Ald - VL Series
Cobra	2002	SS350 Series	HM Tour Cust MKick	Aldila	R	85-95	W	10.5	11 1/2	45.00	63.0	11.10	4.1	238	D2.5	0.335	0.600	Ald - HM2000 Tour 65
Cobra	2002	SS350 Series	LFlex LKick 50g	GD	A	75-85	W	11.0	11 1/2	45.50	50.0	10.57	4.4	221	C8.2	0.335	0.600	XPC Lady Sapphire
Cobra	2002	SS350 Series	LFlex LKick 50g	GD	L	55-65	W	13.5	10 1/4	44.00	50.0	10.39	5.0	220	C6.2	0.335	0.585	XPC Lady Sapphire
Diawa	1997	Exceller Ti WD	SVM Lite UL 75-95	N/A	R	75-85	W	10.5	12 1/4	45.25	70.0	11.42	5.3	246	D0.5	0.335	0.600	Ald V2000 Plus
Diawa	1997	Exceller Ti WD	SVM Lite UL 90-105	N/A	S	90-100	W	11.5	12 1/4	45.63	64.1	11.21	5.4	261	D1.5	0.333	0.605	Ald - V2000 +1" Tip
Dunlop	1997	9.5 DEG TI 51GRAM	DUNLOP UL51	N/A	S	75-85	W	10.0	11 1/8	45.00	63.2	11.18	6.0	246	D3.0	0.335	0.600	Gra - Powerlite
Dunlop	1997	TOUR TI	DUNLOP UL51	N/A	R	65-75	W	9.5	10 1/4	46.13	59.3	10.90	7.8	230	D5.5	0.335	0.600	Gra - Powerlite

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OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Dunlop	1997	TOUR TI	DUNLOP UL51	N/A	S	80-90	W	9.5	10 1/2	45.00	57.9	10.85	9.1	253	D4.4	0.335	0.600	Gar - AttackLite
Goldwin	1997	AVDP	AVOIRDUPOIS XL	Unifiber	R	95-105	W	11.0	7 7/8	45.00	62.9	9.97	3.0	255	E0.0	0.370	1.020	Gra - Prolite .370T
Goldwin	1997	AVDP	AVOIRDUPOIS XL	Easton	F	105-115	W	10.0	7 3/4	45.00	64.3	10.02	3.0	270	E0.0	0.370	1.020	OZ Butt Diam. LW Steel
Goldwin	1997	AVDP	AVOIRDUPOIS XL	Easton	STR	115+	W	9.0	7 5/8	45.00	67.4	10.13	3.0	278	E2.0	0.370	1.020	OZ Butt Diam. LW Steel
Goldwin	1997	AVDP	AVOIRDUPOIS XL	Unifiber	R	90-100	W	9.0	7 5/8	45.00	60-65	9.90	4.4	255	E0.0	0.370	1.020	Gra - ProLite .370T
Goldwin	1997	AVDP	AVOIRDUPOIS XL	Unifiber	S	100-110	W	9.0	7 5/8	44.88	60-65	9.90	5.4	268	D9.5	0.370	1.020	Gra - Prolite .370T
Goldwin	1997	AVDP	AVDP System	Unifiber	F	60-70	Iron	5ir	4 3/4	38.00	71.6	11.97	4.5	283	E0.0	0.370	0.865	Par - Low Torque
Goldwin	1998	ADVP	Avoirdupois	Unifiber	R	55-65	Iron	5ir	6 1/2	38.00	72.5	12.00	4.0	272	D9.0	0.370	0.865	Par - Low Torque
Goldwin	1998	ADVP	Steel Stepless	FM	R	55-65	Iron	5ir	5 1/2	38.00	92.9	12.72	2.5	267	E2.0	0.370	0.600	TT - Release
Hogan	1996	Apex	Steel	FM	Apex 4	75-85	Iron	5ir	9	37.75	111.8	14.62	1.8	302	D2.0	0.355	0.601	RP - FCM 5.5
Hogan	1996	Apex	Steel	FM	Apex 4	75-85	Iron	5ir	9 1/2	38.00	121.2	14.95	2.0	301	D2.0	0.355	0.600	RP - FCM 5.5
Hogan	1996	Apex persm	APEX 3	RP	Apex 3	70-80	W	10.5	11 3/8	45.25	75.1	11.35	6.8	237	D7.0	0.335	0.600	Par - PV Series
Hogan	1996	Apex VFP	Steel	FM	Apex 4	75-85	Iron	5ir	9 3/8	38.00	126.9	15.15	2.0	309	D3.0	0.355	0.600	RP - FCM 5.5
Hogan	1996	H40	APEX STEEL	FM	Apex 4	70-80	Iron	5ir	8 1/2	37.75	91.7	13.91	1.9	308	D0.0	0.370	0.610	RP - FCM 5.5
Hogan	1996	H40	APEX DB STEEL	RP	Apex 3	70-80	W	11.0	12 1/4	44.25	107.2	12.59	3.5	233	D7.0	0.335	0.600	TT - Dynalite
Hogan	1997	Apex persm	Apex 3 Steel	RP	Apex 3	90-100	W	3 wd	11 1/2	42.50	114.0	12.90	2.1	260	D1.8	0.335	0.600	Royal Precision - FCM
Hogan	1997	Big Ben	High Modulus Graph	RP	Apex 3	75-85	W	11°	12 1/4	44.25	102.2	12.59	4.5	233	D7.0	0.335	0.610	Aid - VX Series
Hogan	1997	Big Ben	FCM	RP	Apex 4	90-100	W	10.0	11 3/4	43.50	120.3	13.05	2.3	252	D1.8	0.335	0.601	Royal Precision - FCM
Hogan	1997	Special 56 K grind	Hogan Apex	FM	Apex O	Wdg	Wdg	56°	7 3/4	35.50		16.38	5.5	324	D8.0	0.355	0.610	RP - Rifle 6.0 tt
Hogan	1998	6-4 TITANIUM	APEX GRAPHITE	UST	Apex 4	85-95	W	10.5	11 1/8	45.00	66.9	11.43	6.9	257	D6.0	0.337	0.607	UST - Tour Force 70 Platinum
Hogan	1998	6-4 TITANIUM	APEX GRAPHITE	UST	Apex 3	80-90	W	10.5	12	45.50	64.3	11.25	6.5	252	D3.5	0.329	0.605	UST - Tour Force 70 Platinum
Hogan	2000	Apex	Apex Steel	TT	2.0	Wdg	Wdg	57	7 3/4	35.25		16.60	2.0	327	D4.8	0.355	0.600	TT - Dynalite Gold S300T
Hogan	2000	Apex Plus	Apex Steel	TT	3.0	75-85	Iron	5ir	9 1/4	38.00	107.0	14.74	2.1	281	D1.1	0.355	0.590	TT - Dynalite Gold R300 tt
Hogan	2000	Apex Plus	Apex Steel	TT	2.0	Wdg	Wdg	55	7 3/4	35.25	115.0	16.66	1.9	321	D5.1	0.355	0.605	TT - Dynalite Gold R300
Hogan	2000	Forged 5610	Apex Steel	TT	N/S	Wdg	Wdg	56	7 3/4	35.25	116.6	16.56	1.9	318	D6.2	0.355	0.605	TT - Dynalite Gold S300
Hogan	2001	Apex Edge	Apex	FM	Apex 4	70-80	Iron	26	8 3/4	37.75	111.4	14.78	2.0	293	D3.4	0.355	0.600	RP - FCM 5.0
Hogan	2001	Apex Edge	Apex	FM	Apex 4	65-75	Iron	26	8 1/4	38.25	76.2	13.54	3.9	295	D2.2	0.370	0.605	RP - Rifle Graphite 75
Hogan	2001	Apex Edge	Apex	FM	Apex 4	65-75	Iron	26	8 1/4	38.25	76.2	13.54	3.9	295	D2.2	0.370	0.605	RP - Rifle Graphite 75
Hogan	2001	Apex Forged Blade	Apex	FM	Apex 3	65-75	Iron	29	9 1/2	38.00	112.1	14.98	2.0	285	D2.2	0.355	0.600	RP - FCM 4.5
Hogan	2001	Apex Plus	Apex	FM	Apex 4	70-80	Iron	26	9 1/2	38.00	115.4	14.92	2.0	297	D2.8	0.355	0.600	RP - FCM 5.0
Hogan	2001	Apex Plus	Apex	FM	Apex 3	65-75	Iron	26	9 1/2	38.00	113.7	14.86	2.1	286	D1.9	0.355	0.600	RP - FCM 4.5
Hogan	2002	Apex Pro	Apex	FM	Apex 4	75-85	Iron	5ir	9 3/8	37.75	117.6	14.92	2.1	306	D1.5	0.355	0.600	RP - FCM 5.5
Karsten	1995	ZING 2	JZ STEEL	TT	JZ	80-90	W	10.5	13 1/8	44.00	115.4	13.02	2.5	240	D1.0	0.355	0.600	TT - Dynamic Gold
Karsten	1995	ZING 2	KARSTEN 101	Aldila	101	80-90	W	10.5	11 1/4	43.50	83.1	11.88	3.4	251	C9.0	0.335	0.601	Aid - Tour Gold 80B
Karsten	1995	ZING 2	KARSTEN 201	Aldila	201	95-105	W	10.5	13	44.50	100.1	12.48	3.2	261	D1.0	0.335	0.600	Aid - HM40 Tour Gold
Karsten	1995	ZING 2	W54-PING GRAPH	Aldila	R	85-95	W	10.5	12 1/2	44.00	100.0	12.54	2.7	238	D4.0	0.328	0.604	Aid - HM40 Tour Gold
Karsten	1995	ZING 2	X65-PING GRAPH	Aldila	S	100-110	W	10.5	12 1/2	44.00	100.0	12.50	2.6	260	D4.0	0.328	0.603	Aid - HM40 Tour Gold
Karsten	1996	Ping ISI BeCu	Z Z65 Graphite	Aldila	Z65	75-85	Iron	5ir	9 3/4	37.75	98.1	14.42	2.7	311	D0.0	0.355	0.604	Aid - Tour Gold 85 tt
Karsten	1996	Ping ISI BeCu	Z Z65 Graphite	GL	Z65	75-85	Iron	5ir	9 3/4	37.75	118.4	14.85	3.2	323	C9.0	0.355	0.602	Aid - Tour Gold 85
Karsten	1996	Ping ISI K	Jz Steel	TT	Jz	70-80	Iron	5ir	10	37.75	123.5	15.03	2.1	303	D0.0	0.355	0.590	TT - TT Lite XL tt
Karsten	1996	Ping ISI K	U44 Graphite	GL	U44	40-50	Iron	5ir	8 2/3	38.00	83.8	13.63	4.2	235	D0.0	0.355	0.580	Aid - Tour Gold 85

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OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Karsten	1996	Ping ISI Nickel	Z Z65 Graphite	GL	Z65	75-85	Iron	5ir	9 1/2	38.00	108.2	14.49	3.4	311	D0.0	0.355	0.595	Ald - Tour Gold 85
Karsten	1996	Ping Zing	Jz Steel	TT	Jz	70-80	Iron	5ir	9 7/8	38.00	122.1	14.98	2.2	308	C9.0	0.355	0.596	TT - TT Lite XL tt
Karsten	1996	Ping Zing 2	Jz Steel	TT	Jz	70-80	Iron	5ir	9 7/8	38.00	123.5	15.03	2.1	310	C9.0	0.355	0.598	TT - TT Lite XL tt
Karsten	1996	Ping Zing 2	101 Graphite	Aldila	101	65-75	Iron	5ir	9 1/8	38.00	105.6	14.40	3.2	283	D0.0	0.355	0.585	Ald - Tour Gold 85 tt
Karsten	1996	ZING LAMINATED	JZ STEEL	TT	Jz	85-95	W	10.5	12 7/8	43.75	103.5	13.12	2.9	252	D2.0	0.294	0.600	TT - Dyn Gold Lite taper
Karsten	1997	ISI-BeCu SW	ZZ-Lite	TT	ZZ LITE	Wdg	Wdg	56°	7 3/4	35.50		16.12	1.9	324	D4.5	0.355	0.601	TT - Dynamic Lite tt
Karsten	1997	ISI-K Stainless SW	JZ	TT	JZ	Wdg	Wdg	52°				16.25	2.0	319	D4.5	0.355	0.602	TT - Dynamic Gold S300
Karsten	1998	ISI	W54 Graphite	GL	W54	60-70	Iron	5ir	8 2/3	38.25	85.7	13.70	2.7	282	C8.7	0.355	0.605	Ald - Tour Gold 85
Karsten	1998	ISI K	V53 Graphite	GL	V53	50-60	Iron	5ir	8 1/4	38.25	77.2	13.40	3.1	260	C9.6	0.355	0.603	Ald - Tour Gold 85
Karsten	1998	IST Titanium	350 Series Cushin	Aldila	R	70-80	W	8.5	12	45.13	62.2	11.70	4.3	227	D5.6	0.350	0.606	Gra - ProLite .350T
Karsten	1998	Ping ISI K	J2 cushin	TT	J2	70-80	Iron	5ir	10	38.00	126.0	15.12	2.0	299	D0.0	0.355	0.600	TT - Dynamic Gold tt
Karsten	1999	ISI Titanium	350 Series C JX RUD	Aldila	R	70-80	W	10.0	12 3/4	45.25	72.1	11.78	4.4	230	D1.7	0.350	0.600	Gra - ProLite .350T
Karsten	1999	ISI Titanium	Ping 350 Series Cushin JX Heel RUS	Aldila	S	95-105	W	10.0	12 5/8	45.25	77.8	11.94	4.3	261	D2.5	0.350	0.605	Gra - ProLite .350T
Karsten	2000	i3 O-Size	350 Series GPH	Aldila	Light	35-45	Iron	5ir	7 1/2	37.50	65.0	12.86	5.0	225	C7.0	0.355	0.585	Gra - AttackLite tt
Karsten	2000	i3 O-Size	350 Series GPH	Aldila	R	50-65	Iron	5ir	7 7/8	38.00	76.0	13.44	2.8	247	D0.5	0.355	0.595	Ald - Tour Gold 85 tt
Karsten	2000	O-Size i3	Jz Cushin	TT	S	75-85	Iron	5ir	10	38.00	117.7	15.36	1.9	298	C9.3	0.355	0.600	TT - Tri-Gold tt
Karsten	2000	O-Size i3	350 Series GPH	Aldila	Light	35-45	Iron	5ir	7 1/2	37.50	62.4	12.92	5.8	224	C6.5	0.355	0.580	Gra - AttackLite tt
Karsten	2000	O-Size i3	350 Series GPH	Aldila	S	65-75	Iron	5ir	8 3/4	37.75	95.0	14.10	4.0	295	C9.6	0.355	0.605	Ald - Tour Gold 85 tt
Karsten	2000	O-Size i3	Jz Cushin	TT	R	Wdg	Wdg	55	8 1/2	35.50		16.78	2.2	284	D2.8	0.355	0.601	TT - Dyn Gold R300 tt
Karsten	2000	O-Size i3 UW	350 Series	Aldila	S	Wdg	Wdg	50	7 1/4	35.50		15.48		307	D3.6	0.355	0.610	Ald - Tour Gold 85
Karsten	2001	i3 17-4ph	Ping 350 Series Cushin	Aldila	S	90-100	W	9.0	11 5/8	44.13	74.0	11.66	4.5	247	D1.4	0.350	0.600	Gra - ProLite .350T
Karsten	2002	TiSi TEC ET10D	350 Series cushin	Aldila	R	80-90	W	10.0	12 1/2	45.50	78.0	11.60	4.7	233	D3.0	0.354	0.603	GD - YS-7 .350T
Karsten	2002	TiSi TEC ET10D	350 Series cushin	Aldila	S	90-100	W	10.0	12 3/4	45.50	77.0	11.62	4.6	244	D2.5	0.353	0.602	GD - YS-7 .350T
Kasco	1999	VS Tour RS	FPF5 WT62g TORQ 4.3 MID VSTOUR RS	Made in Japan	S	85-95	W	10.0	11 1/2	45.38	62.3	10.80	4.6	246	D0.5	0.334	0.620	GD - YS-6
Kasco	1999	VS Tour RS	FPF5 WT65G TORQ 3.6 MIDDLE Tour RS5	Made in Japan	S	90-100	W	10.0	11 3/4	45.38	65.9	11.00	3.8	242	D0.5	0.332	0.620	GD - YS-6
Killer Bee	1999	BLACK ROCK	K BEE-3 STRIPE(F)	KILLER BEE	F	85-95	W	10.0	12 1/4	46.25	65-70	11.39	5.5	252	D6.0	0.334	0.600	KB - Bullwhip II
Killer Bee	1999	BLACK ROCK	K BEE-3 STRIPE(R)	KILLER BEE	R	75-85	W	10.0	12 1/4	46.13	65-70	11.27	5.7	228	D6.0	0.335	0.600	KB - Bullwhip II
Killer Bee	1999	KILLER BEE II	BULLWHIP	KILLER BEE	R	60-70	W	10.0	11 3/4	46.25	61.8	11.20	5.1	228	D9.3	0.335	0.600	Gra - AttackLite
Killer Bee	1999	KILLER BEE II	BULLWHIP	KILLER BEE	F	60-70	W	10.0	12 1/2	48.25	56.1	11.00	5.0	229	E3.9	0.335	0.600	Gra - AttackLite
KUNAN	1998	I.G.S.	I.G.S. 2000 M	Kunan	S	65-75	W	10.5	10 7/8	44.13	73.5	11.40	5.4	236	D4.5	0.335	0.600	UST - Competition 75
KUNAN	1998	I.G.S.	I.G.S. 2000 M	Kunan	R	65-75	W	10.5	10 7/8	44.13	73.5	11.40	5.7	234	D3.6	0.335	0.600	UST - Competition 75
Liquid Mtl	1999	Pure Energy Trans	Syn Energy System	Grafalloy	80	80-90	W	10.5	10 5/8	45.25	58.3	10.94	4.0	238	D6.5	0.365	0.597	Gra - ProLite .370T
Liquid Mtl	1999	Pure Energy Trans	Syn Energy System	Grafalloy	95	80-90	W	10.5	11	45.25	62.9	11.08	4.6	246	D5.1	0.367	0.592	Gra - ProLite .370T
Liquid Mtl	2000	Pure Energy	Lite SES 80 Graphite	Fenwick	R	70-80	Iron	5ir	7 3/4	38.00	64.3	12.98	4.2	298	C8.7	0.370	0.600	RP - Rifle Graphite 75
Lynx	1996	Black Cat	Flare	Unifiber	L	45-55	Iron	5ir	7 2/3	37.50	76.1	13.36	4.5	259	C9.0	0.376	0.600	Ald - VL Series
Lynx	1996	Black Cat	Flare	Unifiber	A	50-60	Iron	5ir	8 1/4	38.25	85.5	13.69	3.5	267	D4.0	0.362	0.600	Ald - Excelerator
Lynx	1996	Black Cat	Flare	Unifiber	R	60-70	Iron	5ir	8 2/3	38.25	86.0	13.71	3.5	288	D2.0	0.365	0.610	UST - Competition 75
Lynx	1996	Black Cat	Flare	Unifiber	S	60-70	Iron	5ir	8 1/2	38.25	89.1	13.82	3.5	289	D2.0	0.364	0.605	UST - Competition 75
Lynx	1996	Black Cat	Flare	TT	R	70-80	Iron	5ir	9 1/8	37.75	113.8	14.69	2.5	304	D1.0	0.365	0.600	TT - TX-90 (Shim to Fit)
Lynx	1996	Black Cat	Flare	TT	S	70-80	Iron	5ir	9 1/4	37.75	120.4	14.92	2.5	302	D1.0	0.365	0.600	TT - TX-90 (Shim to Fit)
Lynx	1996	BOOM BOOM	DYNAMIC GOLD	TT	R300	85-95	W	11.0	12 3/4	43.00	120.6	13.06	2.5	252	D1.0	0.355	0.600	TT - Dyn Gold R300

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OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Lynx	1996	BOOM BOOM	PowerTune	TT	R	75-85	W	9.0	12	44.00	85.1	11.81	4.5	246	D1.0	0.335	0.602	GD - YS-7
Lynx	1996	BOOM BOOM	PowerTune	TT	S	85-95	W	9.0	12	44.00	91.9	12.05	4.5	260	D1.0	0.335	0.602	GD - YS-8.1
Lynx	1998	BC Tour Forg BTi	Lynx AldaLite Tour	Aldila	R	80-90	W	8°	12	44.75	60-65	11.27	4.1	241	D1.0	0.335	0.604	Ald - HM2000 Tour 65
Lynx	1998	BC Tour Forg BTi	Lynx AldaLite	Aldila	R	65-75	W	8°	11 1/2	44.25	64.1	11.21	4.5	228	D0.7	0.335	0.602	Ald - HM2000 Tour 65
Lynx	1998	BLACK CAT Ti	FLARE 650 LITE	Unifiber	R	75-85	W	10.5	11 1/8	45.13	74.3	11.43	2.8	237	D6.0	0.390	0.600	Gra - ProLite .370T
Lynx	1998	BLACK CAT Ti	FLARE 650 LITE	Unifiber	S	85-95	W	10.5	11 1/2	44.25	85.4	11.82	2.1	254	D3.0	0.390	0.600	Gra - ProLite .370T
Lynx	1998	BLACK CAT Ti	FLARE 650 LITE	Unifiber	R	60-70	W	11.0	11 1/2	45.00	72.1	11.35	6.3	240	D5.0	0.390	0.600	Gra - ProLite .370T
Lynx	1998	BLACK CAT Ti	FLARE 650 LITE	Unifiber	S	70-80	W	11.5	12	45.13	70.9	11.31	6.4	247	D3.0	0.390	0.600	Gra - Prolite .370T
Lynx	1997	Black Cat Tour	Rifle	RP	S	80-90	Iron	5ir	8 1/2	38.13	124.0	14.91	2.1	307	D1	0.370	0.600	RP - Rifle 6.5
Lynx	1998	Black Cat 15-5	Dual Flare	Unifiber	R	60-70	Iron	5ir	8 1/4	38.25	70.0	12.65	5.0	288	D8	0.390	0.865	N/A
Lynx	1998	Black Cat 15-5	Dual Flare	Unifiber	S	70-80	Iron	5ir	8 1/2	38.25	70.0	12.70	5.0	301	D8	0.390	0.865	N/A
Lynx	1998	Black Cat Ti	Dual Flare	Unifiber	R	60-70	Iron	5ir	8 1/4	38.25	70.0	12.72	5.0	289	D8	0.390	0.865	N/A
Lynx	1998	Black Cat TI	Dual Flare	Unifiber	S	70-80	Iron	5ir	8 1/2	38.25	70.0	12.75	5.0	303	D8	0.390	0.865	N/A
Lynx	1998	Oversize	Ultralight Graphite	Aldila	R	60-70	Iron	5ir	8 3/4	38.25	78.6	13.80	4.5	280	D1.3	0.370	0.595	Gra - Senior Classic
Lynx	1998	Oversize	Ultralight Graphite	Aldila	S	65-75	Iron	5ir	8 1/4	38.00	75.7	13.70	4.3	295	D3.0	0.370	0.600	Gra - Senior Classic
Lynx	1998	Oversize	Lightweight Steel	TT	R	70-80	Iron	5ir	10 2/3	37.68	119.1	15.30	2.1	309	D0.5	0.395	0.600	TT - TX-90 (Shim to Fit)
Lynx	1998	Oversize	Lightweight Steel	TT	S	80-90	Iron	5ir	9 2/3	37.68	124.8	15.50	2.1	321	D1.7	0.395	0.600	TT - TX-90 (Shim to Fit)
Lynx	1998	TITANIUM	FLARE 650 LITE	Unifiber	S	70-80	W	9.0	11 3/4	45.00	73.5	11.40	5.8	242	D3.6	0.390	0.600	Gra - Prolite .370T
Lynx	1999	Black Cat Tour	Lynx Lite Tour	Aldila	R	80-90	W	8D	11 1/4	44.75	62.1	11.39	4.3	238	D4.5	0.332	0.603	Ald - HM2000 Tour 65
Lynx	1999	Black Cat Tour	Lynx Lite Tour	Aldila	S	85-95	W	8D	11 1/4	44.75	64.1	11.34	4.2	247	D3.8	0.332	0.606	Ald - HM2000 Tour 65
Lynx	1999	Predator	Predator Sys3400 100%	UST	R	65-75	Iron	5ir	8 1/4	38.50	72.8	13.28	4.0	296	D0.0	0.372	0.598	UST - Competition 75
Lynx	1999	Predator	Predator Sys3400 100%	UST	S	75-85	Iron	5ir	8 3/8	38.50	73.4	13.38	3.9	305	D1.0	0.370	0.602	UST - Competition 75
Lynx	2000	Black Cat MTW	Black Cat Graphite	Lynx	S	75-85	Iron	5ir	7 3/4	38.50	75.0	12.88	4.5	303	D0.5	0.370	0.600	Ald - V2000
Lynx	2000	Black Cat MTW	Dynalite Gold Steel	TT	R300	75-85	W	10.5	12 1/2	44.00	117.0	12.64	2.1	247	D3.4	0.335	0.600	TT - Dynalite Gold R300
Lynx	2000	B C MTW Marg	BC HP75	UST	S	95-105	W	10.5	12 1/4	45.00	74.5	11.64	4.4	253	D2.5	0.335	0.600	UST - Proforce IT Gold
Lynx	2000	Black Cat Tour	Black Cat Tour	TT	S	80-90	Iron	5ir	9 1/2	38.50	106.6	14.54	2.2	305	D1.4	0.370	0.600	TT - Dynamic Gold S300
Lynx	2000	Crystal Cat	GPH System 3400	UST	L	55-65	W	12.0	11	44.00	62.1	11.00	4.7	223	C7.3	0.335	0.580	UST - Competition 75
Lynx	2000	Crystal Cat	GPH System 3400	UST	L	50-60	Iron	5ir	7 1/2	37.50	67.0	12.98	4.2	272	C7.9	0.370	0.580	UST - Competition 75
Lynx	2000	Tigress	Tigress Graphite	UST	L	50-60	Iron	5ir	7 1/4	37.50	68.0	12.82	5.0	269	C7.6	0.370	0.585	UST - Competition 75
Lynx	2000	Tigress	System 3310	UST	L	55-65	W	13.0	10 1/2	43.50	58.0	10.88	4.9	228	C6.8	0.335	0.580	UST - Competition 75
Lynx	2001	HiCOR BTi	Parallax Tour	Grafalloy	105+	105-120	W	10.5	D2.2	45.00	66.2	11.20	3.8	245	D2.5	0.335	0.605	Gra - Prolite 35
Lynx	2001	HiCOR BTi	Parallax Tour GPH	Grafalloy	75-90	75-90	W	8.5	D2.3	45.00	68.0	10.98	3.9	231	D1.5	0.335	0.605	Gra - Prolite 35
Lynx	2001	HiCOR BTi	Parallax Tour GPH	Grafalloy	90-105	90-105	W	9.5	D3.1	45.00	67.5	11.00	3.8	237	D2.3	0.335	0.605	Gra - Prolite 35
Lynx	2001	Predator	System 3400	Lynx	S	75-85	Iron	5ir	8 1/4	38.50	75.0	13.40	4.5	305	D2.5	0.370	0.600	UST - Competition 75
Lynx	2001	Predator	Dynalite A/L	TT	A	70-80	Iron	5ir	9	38.00	120.0	14.38	2.1	281	D0.8	0.370	0.600	TT - Dynalite
Lynx	2001	Tigress	Tigress Steel	TT	L	45-55	Iron	5ir	8 1/2	37.25	119.5	14.10	2.2	263	C8.5	0.370	0.580	TT - Release
Lynx	2002	Black Cat ST-1	BC HP 75	UST	S	95-105	W	10.5	12	45.00	74.3	11.68	4.2	255	D2.1	0.335	0.610	UST - Proforce IT Gold
Lynx	2002	Black Cat ST-1	Black Cat Steel	TT	S300	75-85	Iron	5ir	7 3/4	38.00	117.0	14.10	2.1	292	D2.0	0.370	0.600	TT - Dynamic Gold
Lynx	2002	Black Cat Ti 400	BC HP 85	Aldila	R	80-90	W	10.5	11 1/4	45.00	64.0	11.12	3.5	228	D2.2	0.335	0.610	Ald - HM2000 Tour 65
Lynx	2000	BCat MTW Mara	BC HP75	UST	S	95-105	W	9.0	12 1/8	45.00	74	11.62	4.4	258	D1.9	0.335	0.600	Ald - V2000 Plus
Lynx	2002	Predator	Dynalite	TT	R	85-100	W	10.5	12	44.00	117	12.72	2.5	245	D1.2	0.335	0.600	TT - Dynalite

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Lynx	2002	Predator	Dynalite	TT	S	95-110	W	10.5	12 1/4	44.00	117	12.75	2.5	257	D1.5	0.335	0.600	TT- Dynalite
Lynx	2002	Predator	Lynx System 3400	UST	R	75-85	W	10.5	11 1/2	44.50	72	11.06	5.0	244	D1	0.335	0.600	UST Comp 75
Lynx	2002	Predator	Lynx System 3400	UST	R	85-95	W	10.5	11 1/8	44.50	73	11.15	4.8	255	D1	0.335	0.600	UST Comp 75
MacGregor	1999	Tourney 6-4 Ti	Superlite Lkick Pt	Grafalloy	R	70-80	W	10.5	11 1/2	45.25	63.4	11.26	5.3	224	D4.5	0.328	0.600	Gra - Attacklite
MacGregor	1999	Tourney 6-4 Ti	Superlite Lkick Pt	Grafalloy	S	90-100	W	9.5	11 3/4	45.00	60.3	10.92	5.0	255	C7.3	0.324	0.605	Gra - AttackLite
MacGregor	1996	VIP Oversize CB95	Dynamic Gold	TT	S300	80-90	Iron	5ir	9 1/2	37.75	126.3	15.13	1.9	321	D2.0	0.370	0.601	TT - Dynamic Gold
MacGregor	1997	VIP Titanium	Flex Profile Co-Wound	Excel	S	95-105	W	9.0	12	44.00	83.2	12.20	5.0	261	D4.0	0.334	0.601	Gra - Prolite Ex Distance
MacGregor	1997	VIP Titanium	Flex Profile Co-Wound	Excel	R	80-90	W	9.0	11 3/4	44.00	78.4	12.03	5.2	251	D2.5	0.334	0.602	Gra - Prolite Ex Distance
MacGregor	1997	VIP Titanium	Flex Profile Co-Wound	Excel	S	95-105	W	10.5	12	44.00	81.2	12.13	5.0	263	D2.0	0.335	0.605	Gra - Prolite Ex Distance
MacGregor	1997	VIP Titanium	Flex Profile Co-Wound	Excel	R	80-90	W	10.5	11 3/4	44.00	78.1	12.02	5.2	252	D1.0	0.335	0.603	Gra - Prolite Ex Distance
MacGregor	1998	USA VIP Titanium	SUPERLITE	Grafalloy	R	70-80	W	10.5	11 1/8	45.00	66.4	11.15	5.9	254	D5.0	0.335	0.600	Gra - AttackLite
MacGregor	1998	USA VIP Titanium	SUPERLITE	Grafalloy	S	75-80	W	10.5	11 3/8	45.00	69.2	11.25	5.1	256	D5.0	0.335	0.600	Gra - AttackLite
MARUMAN	1998	CONDUCTOR Ti	HITACHI-PARSEC	Hitachi	S	75-85	W	9.5	11 1/8	44.25	66.3	11.40	4.8	255	D3.0	0.332	0.605	Ald - VX Series
MARUMAN	1998	CONDUCTOR Ti	HITACHI-PARSEC	Hitachi	R	70-80	W	9.5	11 1/8	44.25	65.2	11.40	5.1	246	D1.5	0.332	0.608	Ald - VX Series
Maxfi	1996	VHL Oversize	Integrated steel	TT	R	65-75	Iron	5ir	9 1/4	37.50	114.4	14.71	1.8	289	D1.0	0.355	0.602	TT - Dynamic Lite tt
Maxfi	1996	VHL Oversize	Integrated steel	TT	S	70-80	Iron	5ir	9 1/4	37.75	116.4	14.78	1.9	300	D2.0	0.355	0.601	TT - Dynalite tt
Maxfi	1997	Torque Arm RM	Inertial Weight Dist	TT	R	65-75	Iron	5ir	9 1/4	38.25	118.4	14.85	1.8	296	D4.5	0.370	0.600	TT - Dynalite
Maxfi	1998	Ti MALTBY	M260-TORQUE ARM	TT	R	70-80	W	10.5	10 3/4	45.25	72.1	11.35	4.4	232	D5.0	0.335	0.600	Gra - Prologic 75
Maxfi	1998	Ti MALTBY	M260-TORQUE ARM	TT	S	80-90	W	10.5	10 3/4	45.25	73.5	11.40	4.5	240	D5.5	0.335	0.600	Gra - Prologic 75
Maxfi	1998	Ti MALTBY 10 DEG	M260-TORQUE ARM	TT	S	80-90	W	10.0	10 7/8	45.13	74.9	11.45	4.5	256	D7.0	0.335	0.600	Gra - Prologic 75
Maxfi	1999	Maxfli Revolution	Dynamic Gold	TT	S300U	80-90	Iron	5ir	9 1/2	38.00	123.0	15.12	1.9	308	D1.9	0.370	0.600	TT - Dynamic Gold S300
Maxfli	2000	Revelution	Dynamic Gold	TT	S300	Wdg	Wdg	54	8	35.50	121.2	16.40	1.8	325	D3.9	0.370	0.600	TT - Dynamic Gold S300
McHenry	1999	Tour Pure Ti	LTorque Low Freq	Grafalloy	90	75-85	W	10.0	11 1/2	44.88	60.4	11.22	3.2	219	D6.2	0.331	0.602	Gra - Prolite Elite
McHenry	1999	Tour Pure Ti	LTorque Low Freq	Grafalloy	100	75-85	W	9.0	11 1/2	44.88	58.2	11.10	3.4	225	D5.1	0.330	0.601	Gra - Prolite Elite
Mizuno	1996	Grad 14	Dynamic Gold	TT	S300	80-90	Iron	5ir	9 1/2	37.75	122.0	15.33	1.8	316	D3.0	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1996	MP 14	Dynamic Gold	TT	S300	80-90	Iron	5ir	9 2/3	38.00	122.0	15.33	1.8	312	D5.0	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1997	MP-14	Dynamic Gold	TT	S300	Wdg	Wdg	Wdg	8 1/4	35.50		16.63	1.7	331	D6.0	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1997	T-Zoid	Dynamic Gold w/sens	TT	R300	75-85	Iron	5ir	9 1/4	37.75	128.0	15.19	2.0	298	D6.5	0.355	0.600	TT - Dyn Gold w/sens tt
Mizuno	1997	T-Zoid	Dynamic Gold w/sens	TT	S300	80-90	Iron	5ir	9 1/2	38.00	121.7	15.32	1.8	306	D3.5	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1997	T-Zoid	Dynamic Gold w/sens	TT	S300	80-90	Iron	2-iron	10 3/8	39.50	118.0	14.52	1.8	293	D3.5	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1997	T-ZOID	TURBO GOLD	N/A	R	80-90	W	11.5	12 1/8	44.25	87.7	11.90	4.4	248	D1.0	0.335	0.600	Ald - VX Series
Mizuno	1997	T-ZOID	TURBO GOLD	N/A	S	90-100	W	10.5	12 1/2	44.50	93.9	12.12	3.5	259	D1.0	0.335	0.600	Ald - VX Series
Mizuno	1997	T-Zoid Ti Insert	Dynamic Gold w/sens	TT	R	75-85	Iron	5ir	9 1/4	37.75	119.5	15.19	2.0	298	D6.8	0.355	0.600	TT - Dyn Gold w/sens tt
Mizuno	1997	TZoid Ti Insert PW	Dyn Gold w/sens	TT	R300	Wdg	Wdg	44°	7 3/4	35.50		16.38	1.8	317	D8.0	0.355	0.600	TT - Dyn Gold w/sens
Mizuno	1997	TZoid Ti Insert SW	Dynamic Gold w/sens	TT	S300	Wdg	Wdg	57°	7 3/4	35.50		16.50	1.7	333	D9.0	0.355	0.600	TT - Dyn Gold w/sens tt
Mizuno	1998	MP 14	Dynamic Gold	TT	S300	80-90	Iron	5ir	9 3/4	38.00	126.2	15.48	1.8	302	D4.8	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1998	MP 14	Dynamic Gold	TT	S300	80-90	Iron	5ir	10	37.88	126.8	15.50	1.8	301	D2.9	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1998	T-Zoid Pro	Dynamic Gold w/sens	TT	S300	80-90	Iron	5ir	9 3/4	38.00	121.8	15.33	1.8	304	D2.5	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1998	T-Zoid Ti Insert	Dynamic Gold w/sens	TT	R300U	70-80	Iron	5ir	9 1/2	38.00	112.6	15.00	2.0	290	D3.5	0.370	0.600	TT - Dynamic Gold w/sen R300u
Mizuno	1998	T-ZOID Titanium	TURBO GOLD-74gR	N/A	R	75-85	W	10.5	12 1/8	44.00	86.0	11.84	5.1	248	D0.0	0.335	0.600	Ald - VX Series
Mizuno	1998	T-ZOID Titanium	TURBO GOLD-85g-S	N/A	S	85-95	W	10.5	12 4/7	44.13	93.1	12.09	5.1	259	D0.0	0.335	0.600	Ald - VX Series

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Mizuno	1998	T-Zoid True	Dynamic Gold w/sens	TT	S300	80-90	Iron	5ir	9 3/4	38.00	123.3	15.38	1.8	301	D2.2	0.355	0.600	TT - Dynamic Gold S300 tt
Mizuno	1999	Tzoid T3 Titanium	Amorphous Fiber	Mizuno	R	70-80	W	9.5	11 1/4	45.88	59.5	10.82	5.0	222	D6.0	0.335	0.603	GS - Titanium Select
Mizuno	2000	Comp Ez	Gold Plus	TT	R300	65-75	Iron	5ir	8 3/4	38.00	101.0	14.24	2.1	276	D2.5	0.355	0.585	TT - Tri-Gold tt
Mizuno	2000	T-Zoid Forged Ti	Accel-Arc Amorp	N/A	F	85-95	W	9.0	11 1/4	45.25	85.7	11.80	4.5	233	C7.9	0.335	0.610	GS - Titanium Select
Mizuno	2000	T-Zoid Proll	Dynamic Gold	TT	S300	75-85	W	5ir	9 1/2	38.00	118.0	15.20	2.0	299	D3.6	0.355	0.600	TT - Dyn Gold S300 tt
Mizuno	2001	MP-33	Dynamic Gold	TT	S300	80-90	Iron	26	9 1/2	38.00	125.0	15.12	1.9	286	D3.1	0.355	0.600	TT - Dynamic Gold S300 tt
NICKLAUS	1998	AIR BEAR Ti	260 CPM Vapor 80-94	Aldila	R	70-80	W	12.0	11 1/8	44.88	66.9	11.17	5.0	232	D6.0	0.335	0.605	Aer - ATF 360
NICKLAUS	1998	AIR BEAR Ti	260 CPM Vapor 95-104	Aldila	S	75-85	W	11.5	11	44.88	66.9	11.17	5.0	241	D6.0	0.335	0.605	Aer - ATF 360
NIKE	2002	275cc Forged Ti	Graphite	Fujikura	S	95-105	W	10.5	11 1/2	45.00	70.0	11.34	4.5	254	D4.5	0.335	0.600	Aer - Power Coil 65
NIKE	2002	350cc Forged Ti	Graphite	Fujikura	XS	105+	W	9.5	11 1/4	45.00	72.0	11.40	4.4	256	D5.0	0.335	0.600	Aer - Power Coil 65
NIKE	2002	Forged Irons	Dynamic Gold	TT	R	75-85	Iron	5ir	9 1/2	37.75	119.2	15.28	1.9	295	D3.0	0.355	0.600	TT - Dyn Gold R300 tt
NIKE	2002	Forged Irons	Dynamic Gold	TT	S	80-90	Iron	5ir	9 1/2	37.75	119.7	15.34	1.9	306	D3.5	0.355	0.600	TT - Dynamic Gold tt
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	R	65-75	W	13D	33 2/3	43.50	59.8	11.06	5.0	241	D2.0	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	F	75-85	W	13D	33 4/7	43.75	68.7	11.23	5.0	241	D3.5	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	R	65-75	W	9D	11 1/8	45.00	60.1	11.00	5.0	231	D3.1	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	F	75-85	W	9D	11 1/8	45.00	65.2	11.18	5.0	239	D5.3	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	STR	85-95	W	9D	11 3/8	45.13	67.5	11.26	5.0	256	D5.1	0.370	0.600	Gra - ProLite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	R	65-75	W	11D	10 5/8	43.75	68.4	11.29	5.0	230	D1.9	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	F	70-80	W	11D	10 1/4	43.75	65.5	11.26	5.0	239	D3.6	0.370	0.600	Gra - Prolite .370T
Orlimar	1998	Trimetal	Ultralite Graphite	Rapport	STR	85-95	W	11D	10 1/2	43.50	74.0	11.49	5.0	257	D2.8	0.370	0.600	Gra - ProLite .370T
Orlimar	1998	Trimetal #5 Iron	Ultralite Graphite	Rapport	R	60-70	Iron	5ir	8	38.50	66.4	13.09	3.0	273	D1.4	0.370	0.600	Par - Low Torque
Orlimar	1998	Trimetal #5 Iron	Ultralite Graphite	Rapport	F	65-75	Iron	5ir	7 7/8	38.50	72.5	13.27	3.0	281	D3.9	0.370	0.600	Par - Low Torque
Orlimar	1999	TRIMETAL	Ultralite Graphite	Rapport	R	65-75	W	10.5	11	44.75	62.4	11.06	5.0	230	D3.3	0.370	0.600	Gra - Prolite .370T
Orlimar	1999	TRIMETAL	Ultralite Graphite	Rapport	S	70-80	W	10.5	11	45.00	62.0	11.19	5.0	237	D5.0	0.370	0.600	Gra - Prolite .370T
Orlimar	2000	SF302	Performance Flighted	Precision	R	65-75	Iron	5ir	9	38.00	111.1	14.84	2.2	278	D2.8	0.370	0.590	TT - Tri-Gold R
Orlimar	2000	SF302	ProFit 302 Grap	TT	S	60-70	Iron	5ir	8	38.50	61.1	13.16	3.7	281	D2.8	0.370	0.600	Par - Low Torque
Orlimar	2000	SF302	Performance Flighted	Precision	N/S	Wdg	Wdg	55	8	36.00	110.0	16.10	2.1	309	D5.6	0.370	0.600	RP - Rifle Flighted 6.5
Orlimar	2000	SF302	ProFit 302 Graphite	TT	R	Wdg	Wdg	55	6 1/2	36.00	62.0	14.64	3.7	267	D5.9	0.370	0.600	TT - Release
Orlimar	2002	TriMetal HP Steel	Orlimar by Fujikura	FujiKura	S	95-105	W	10.0	11 1/4	44.75	65.0	11.44	4.0	239	D4.2	0.370	0.610	Gra - ProLite .370T (SPORD XS)
Orlimar	2002	TriMetal HP Steel	Orlimar by Fujikura	FujiKura	R	85-95	W	9.0	11 3/4	45.00	66.0	11.44	4.2	244	D3.1	0.370	0.610	Gra - ProLite .370T
Palmer	1996	PHD Oversize	Co-Wound High mod	Ex Cell	R	60-70	Iron	5ir	8 1/2	37.75	86.3	13.72	4.2	291	D1.0	0.370	0.600	Gra - M29 LBP
Palmer	1997	PHD TOUR	Steel 3.8oz.	Apollo	R	65-75	Iron	5ir	9	37.75	109.3	14.53	2.0	296	D1.3	0.370	0.602	TT - TX-90
Palmer	1998	Peerless	Gripless w/traction	Suntech	R	80-90	W	10.0	11 1/2	46.00	58.2	9.10	6.1	250	E5.0	0.335	1.022	Gra - PowerLite
Palmer	<1998	PHD OVERSIZE	Co-Wound Lite Senior	Excel	A	70-80	W	13.0	11 7/8	44.50	80.0	11.63	4.0	237	D2.0	0.335	0.600	Gra - Senior Classic
Palmer	<1998	PHD OVERSIZE	CO-WOUND LITE	Excel	R	80-90	W	10.5	11 1/2	44.50	71.8	11.34	3.4	244	D1.0	0.335	0.600	RP - Rifle Graphite 75
Palmer	<1998	PHD OVERSIZE	CO-WOUND LITE	Excel	F	90-100	W	9.5	11 1/8	44.50	71.5	11.33	3.1	247	D2.0	0.335	0.600	UST - Tour Force 70 Platinum
Palmer	<1998	PHD TITANIUM	CO-WOUND 63g	Excel	R	70-80	W	12.0	11 3/4	45.00	63.5	11.05	6.3	244	D0.5	0.335	0.600	RP - Rifle Graphite 75
Palmer	<1998	PHD TITANIUM	CO-WOUND 65g	Excel	F	85-95	W	11.0	11 3/4	45.13	66.9	11.17	6.6	246	D2.5	0.335	0.600	UST - Tour Force 70 Platinum
Palmer	<1998	PHD TITANIUM	Co-Wound Lite Senior	Excel	A	70-80	W	11.5	12 1/8	45.25	68.7	11.23	4.0	236	D3.0	0.335	0.600	Gra - Prolite Ex Distance
Palmer	<1998	PHD TITANIUM	CO-WOUND LITE	Excel	R	70-80	W	10.5	11 3/4	45.25	64.4	11.08	3.4	239	D3.0	0.335	0.600	Gra - Prolite Ex Distance
Palmer	<1998	PHD TITANIUM	CO-WOUND LITE	Excel	F	90-100	W	10.5	12	45.25	68.1	11.21	3.1	244	D4.0	0.335	0.600	RP - Rifle Graphite 75

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Power Bilt	1998	TPS Ti insert 270cc	TT POWER U.L.	TT	MED	75-85	W	10.5	11 1/2	45.25	61.6	10.98	5.8	248	D3.0	0.352	0.596	TT - EI70 .350T
Power Bilt	1998	TPS Ti insert 270cc	TT POWER U.L.	TT	F	85-95	W	10.5	11 1/2	45.25	63.8	11.06	5.5	259	D3.0	0.352	0.602	TT - EI70 .350T
ProSelect	1998	SELECT DRIVER	MVZ BY UST	UST	R	60-70	W	10.5	11	44.25	67.5	11.40	7.3	230	D5.0	0.335	0.605	UST - Tour Force 70 Platinum
ProSelect	1998	SELECT DRIVER	MVZ BY UST	UST	S	75-85	W	10.5	12	45.25	65-70	11.45	7.1	246	D5.0	0.335	0.605	UST - Tour Force 70 Platinum
Purespine	2000	Diamond Face	PureSpin (steel)	TT	N/S	Wdg	Wdg	56	6 3/4	36.00	Wedge	15.88	2.1	280	E4.8	0.370	0.600	TT - Dynamic R/S for R flex
Purespine	2000	Diamond Face	PureSpin (GPH)		N/S	Wdg	Wdg	56	7 1/4	35.50	Wedge	16.06	4.0	302	D7.6	0.560	0.610	Reshaft by Purespin
Purespine	2000	Diamond Face	PureSpin (GPH)		N/S	Wdg	Wdg	56	7 1/4	35.50	Wedge	16.06	4.0	302	D7.6	0.560	0.610	Reshaft by Purespin
Ram	1993	Fx Forged Irons	Boron GPH S shafts	Aldila	S	75-85	Iron	5ir	9 1/4	38.25	105.0	14.27	3.2	308	D2.0	0.370	0.590	Ald - Tour Gold 85
Ram	1996	Fx Oversize	N/A	UST	x80-90	60-70	Iron	5ir	8 1/2	38.00	93.4	13.97	4.5	289	D3.0	0.370	0.600	TT - Dynalite Gold
Ram	1996	Fx Pro Set	N/A	UST	80+	70-80	Iron	5ir	9	38.00	95.4	14.04	4.0	299	D1.0	0.370	0.600	Ald - VX Series
Ram	1996	Fx Pro Set	3 Plex flex sys 5	UST	90-100	75-85	Iron	5ir	9 1/4	37.50	127.4	15.17	2.0	305	D3.0	0.370	0.600	TT - Dynalite Gold R300
Ram	1999	THE BIG EYE Ti	POWER LITE	UST	R	65-75	W	10.5	11 3/4	45.50	53.9	10.85	5.3	233	D1.0	0.335	0.605	UST - Tour Force 70 Platinum
Ram	1999	THE BIG EYE Ti	POWER LITE	UST	S	80-90	W	10.5	12 3/4	45.50	60-65	10.80	6.8	252	D5.0	0.335	0.600	UST - Tour Force 70 Platinum
Rawlings	1998	Forged 6-4 Ti 195cc	GRAPH	N/A	R	60-70	W	10.0	12 1/4	44.75	75.1	11.67	6.1	228	D2.0	0.335	0.600	Ald - VL Series
Rawlings	1998	Forged 6-4 Ti 195cc	GRAPH	N/A	S	80-90	W	10.0	12 1/8	44.75	73-78	11.66	5.9	257	D2.0	0.335	0.600	Ald - VX Series
SEyes	1998	10 DEG DRIVER	VIPER OET GRAPHITE	TT	STR	100-110	W	10.0	12	44.25	85-90	12.10	4.0	275	D6.0	0.335	0.600	TT - EI70 Tour
Snake Eyes	1998	9 DEG DRIVER	PYTHON OET GPH	TT	R	70-80	W	9.0	11 3/8	44.25	63.8	11.20	4.1	232	D6.5	0.335	0.600	Gra - PowerLite
Snake Eyes	1998	9DEG DRIVER	PYTHON OET GPH	TT	F	60-70	W	9.0	11 1/2	45.50	57.5	11.05	5.0	225	D4.5	0.335	0.600	Gra - PowerLite
Snake Eyes	1998	EV MB1 Forged	Dynamic Gold w/sens	TT	S	80-90	Iron	5ir	10 3/8	38.38	139.7	15.60	1.9	308	D3.5	0.370	0.600	TT - Dynamic Gold w/sens S300
Snake Eyes	1999	Elasteel	Snake Eyes	Aldila	R	80-90	W	10.0	11 7/8	44.50	77.4	11.46	4.5	242	D1.7	0.335	0.594	SE - Snake Eyes Woods
Snake Eyes	1999	Elasteel	Snake Eyes	Aldila	S	95-105	W	9.0	11 5/8	44.50	77.1	11.68	4.5	255	D2.5	0.334	0.597	SE - Snake Eyes Woods
Snake Eyes	1999	TC-01	Dynamic Gold	TT	R300	75-85	Iron	5ir	9 1/2	38.00	117.1	14.84	2.0	296	D1.1	0.370	0.600	TT - Dynamic Gold
Snake Eyes	1999	TC-01	Snake Eyes	Aldila	R	65-75	Iron	5ir	8 1/2	38.50	69.4	13.16	4.2	275	D0.0	0.370	0.597	SE - Snake Eyes
Spalding	1997	TOP FLITE	INTIMIDATOR	Aldila	R	75-85	W	10.5	12 5/8	44.25	85-90	11.98	3.3	236	D1.0	0.335	0.600	UST - Competition 75
Spalding	1997	TOP FLITE	INTIMIDATOR	Aldila	S	85-95	W	9.0	12 5/8	44.50	110.0	12.09	3.2	248	D3.0	0.335	0.600	TT - Dynamic Lite
Spalding	1998	INTIMIDATOR	ALDILA UL 45	Aldila	S	90-100	W	9.0	11 3/4	45.50	55-60	11.21	4.0	247	D4.5	0.335	0.590	Ald - HM2000 Tour 65
Spalding	1998	INTIMIDATOR	ALDILA UL 45	Aldila	R	75-90	W	9.5	11 4/7	45.38	55-60	11.14	4.4	236	D5.0	0.335	0.590	Ald - Exceleator UL
Spalding	1998	INTIMIDATOR O/S	ALDILA UL 45	Aldila	R	75-90	W	9.0	10 3/4	45.13	55-60	11.20	4.3	244	D4.5	0.335	0.600	Ald - Exceleator UL
Spalding	1998	INTIMIDATOR O/S	ALDILA UL 45	Aldila	S	90-100	W	10.5	12 1/4	44.25	85-90	12.00	4.0	255	D2.8	0.335	0.600	Ald - HM2000 Tour 65
Spalding	1999	TITAN 400	FENWICK MUSCLE	Fenwick	S90	75-90	W	10.5	10 1/4	43.75	55-60	10.80	4.9	230	D4.5	0.400	0.605	Ald - Tip .400 Special order
Spalding	1999	TITAN 400	FENWICK MUSCLE	Fenwick	R80	65-80	W	10.5	10 1/4	43.75	58.5	10.80	4.9	208	D5.6	0.400	0.600	Ald - Tip .400 Special order
Spalding	2000	TOPFLITE TOUR	Perf Flex	TT	R	85-95	W	10.5	11 1/2	43.50	77-82	11.77	3.1	258	D0.0	0.335	0.600	TT - EI70 High Impact
Spalding	2000	TOPFLITE TOUR	Perf Flex	TT	S	95-105	W	10.5	11 3/4	43.75	80-85	11.90	3.0	271	D1.0	0.335	0.600	TT - EI70 High Impact
Spalding	2000	TOPFLITE TOUR	Perf Flex women	TT	L	70-80	W	12.0	10 5/8	43.00	73.4	11.54	4.0	249+	C8.0	0.335	0.580	Gra - Prolite 45
Spalding	2000	TOPFLITE TOUR	Perf Flex low flex	TT	A	70-80	W	12.0	12	43.75	87.9	12.05	3.3	241	C9.0	0.335	0.580	Gra - Prolite 45
Spalding	2000	XL2000 Titan	TF HM LW Design	Aldila	R	60-70	Iron	5ir	8	38.50	73.6	13.32	3.7	284	D0.0	0.370	0.580	Par - Low Torque
Taylor Made	1996	Oversize Burner	Rifle	RP	R80	65-75	Iron	5ir	9 1/8	37.75	113.3	14.67	2.2	294	D1.0	0.370	0.600	RP - Rifle 4.5
Taylor Made	1996	Oversize Burner	Bubble L60+	HST	L60+	55-65	Iron	5ir	6 2/3	37.50	78.5	12.67	4.5	279	D0.0	0.370	0.795	GS - XPC
Taylor Made	1996	Oversize Burner	Bubble R80	HST	R80	55-65	Iron	5ir	7 1/2	38.25	88.4	13.02	4.5	278	D5.0	0.370	0.800	GS - XPC
Taylor Made	1996	Oversize Burner	Bubble S90	HST	S90	60-70	Iron	5ir	7 3/4	38.25	101.2	13.47	4.5	291	D7.0	0.370	0.800	GS - XPC
Taylor Made	1997	BUBBLE	BUBBLE-R80	Ald,Fuji,HST	R80	70-80	W	10.5	10 1/2	44.25	63.8	11.20	4.8	235	D6.0	NA	NA	GS - XPC

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Taylor Made	1997	BUBBLE	BUBBLE-S90	Ald,Fuji,HST	S90	90-100	W	10.5	11 1/4	44.25	78-82	11.66	3.6	259	D7.0	NA	NA	GS - XPC
Taylor Made	1997	BUBBLE	BUBBLE-TX100	Ald,Fuji,HST	TS100	105-115	W	9.5	10 5/8	44.50	78-82	11.62	3.5	278	D9.0	NA	NA	GS - XPC
Taylor Made	1997	BUBBLE	BUBBLE	Ald,Fuji,HST	SENIOR	75-85	W	13.0	10 5/8	44.50	70-75	11.38	4.7	248	D5.0	NA	NA	GS - XPC
Taylor Made	1997	BUBBLE	BUBBLE L-60	Ald,Fuji,HST	L60+	65-75	W	10.0	10	43.50	60.1	11.07	4.4	241	D1.0	0.335	0.600	GS - XPC Tour
Taylor Made	1997	BUBBLE	BUBBLE S-90	Ald,Fuji,HST	S90	85-95	W	11.0	11 1/2	45.38	70-75	11.31	5.3	251	D6.5	NA	NA	GS - XPC Tour
Taylor Made	1997	BUBBLE	BUBBLE S-90	Ald,Fuji,HST	S90	85-95	W	8.5		45.50	65-70	11.18	3.5	256	D8.5	NA	NA	GS - XPC Tour
Taylor Made	1997	BUBBLE	BUBBLE R-80	Ald,Fuji,HST	R80	70-80	W	10.5	11 1/8	45.13	68.1	11.35	5.4	233	D6.5	NA	NA	GS - XPC Tour
Taylor Made	1997	Tour Burner	Bubble	Ald,Fuji,HST	S90	80-90	Iron	5ir	7 3/4	38.25	102.9	13.53	2.1	300	D6.5	0.370	0.600	TT - Dynamic Gold Lite
Taylor Made	1997	Tour Wdg	Wdg	FM	Wdg	Wdg	55°	7 3/4	35.50			16.49		340	D5.8	0.370	0.600	RP - Rifle 6.5
Taylor Made	1998	BUBBLE	BUBBLE 2	Ald,Fuji,HST	TS100	90-100	W	9.5	10 1/4	45.25	82.1	11.00	7.1	261	D7.6	0.405	0.800	Ald - Tip .400 Special order
Taylor Made	1998	BUBBLE II	BUBBLE 2 R-80	Ald,Fuji,HST	R80	70-80	W	9.5	10 7/8	46.00	76.5	10.80	5.0	229	D8.5	0.405	0.800	Ald - Tip .400 Special order
Taylor Made	1998	BUBBLE II	BUBBLE 2 S-90	Ald,Fuji,HST	S90	80-90	W	9.5	11 1/4	46.00	82.1	11.00	5.0	250	D8.5	0.405	0.800	Ald - Tip .400 Special order
Taylor Made	1998	Burner Oversize	Precision rifle	RP	S90	75-85	Iron	5ir	9 1/2	37.75	125.5	15.10	3.0	312	D1.9	0.370	0.600	RP - Rifle 5.5
Taylor Made	1998	LCG Burner	Precision rifle	Royal/FM	R80	60-70	Iron	5ir	8 1/2	37.75	112.0	14.59	3.0	286	D1.9	0.370	0.600	RP - Rifle 4.5
Taylor Made	1998	LCG Burner	Precision rifle	RP	S90	75-85	Iron	5ir	9	37.75	128.0	15.15	3.0	311	D2.8	0.370	0.600	RP - Rifle 5.5
Taylor Made	1998	LCG Burner	Bubble 2	Aldila	S90	65-75	Iron	7ir	7	37.50	108.9	13.74	4.5	295	D7.3	0.370	0.800	Ald - .400 tip Special order
Taylor Made	1998	Ti BUBBLE	Ti BUBBLE- R80+	Ald,Fuji,HST	R80+	70-80	W	9.5	11 1/8	45.50	78.7	10.88	4.0	233	D7.0	0.335	NA	GS - XPC Tour
Taylor Made	1998	Ti BUBBLE	Ti BUBBLE- S90+	Ald,Fuji,HST	S90+	80-90	W	10.5	11 5/8	45.50	93.8	11.41	3.5	246	D8.0	0.335	NA	GS - XPC Tour
Taylor Made	1998	Ti Bubble 2	Bubble 2	HST	R80	60-70	Iron	5ir	6 3/4	38.25	76.5	12.60	4.2	285	D4.5	0.395	0.800	Ald - VX Series
Taylor Made	1998	Tour Bubble	Bubble	HST	R80	50-60	Iron	5ir	7 1/7	38.38	85.0	12.90	5.5	258	D4.5	0.395	0.600	GS - XPC
Taylor Made	1999	Firesole Titanium	Bubble R-80	Aldila	R80	75-85	W	10.0	10 1/2	44.75	75.4	11.08	3.9	237	D5.1	0.403	0.805	Ald - Tip .400 Special order
Taylor Made	1999	Firesole Titanium	Bubble S-90	Aldila	S90	100-105	W	10.5	10 5/8	44.75	76.6	11.26	4.7	270	D6.5	0.401	0.805	Ald - Tip .400 Special order
Taylor Made	2000	300 Ti	Taylor Made Tour	Aldila	S90	80-90	W	8.5	11 1/4	44.75	NA	11.34	5.2	242	D3.6	0.404	0.600	Ald - Tip .400 Special order
Taylor Made	2000	320 Ti	Taylor Made Lite	Aldila	R80	70-80	W	10.5	11 3/4	45.50	NA	11.06	5.3	226	D4.8	0.400	0.610	Ald - Tip .400 Special order
Taylor Made	2000	320 Ti	Taylor Made Lite	Aldila	S90	80-90	W	9.5	11 1/4	45.25	NA	11.12	5.2	243	D3.6	0.405	0.605	Ald - Tip .400 Special order
Taylor Made	2000	360 Ti	TM Bubble Lite	Aldila	R80	70-80	W	9.5	11	46.00	NA	10.46	5.2	236	D4.2	0.405	0.601	Ald - Tip .400 Special order
Taylor Made	2000	360 Ti	TM Bubble Lite	Aldila	S90	80-90	W	9.5	11	46.00	NA	10.44	4.4	249	D3.6	0.405	0.605	Ald - Tip .400 Special order
Taylor Made	2000	Burner Super Steel	TM4100 Burg. Bubble	Aldila	S90	90-100	W	9.5	10 1/4	44.00	NA	11.42	4.4	270	D7.3	0.413	0.610	Ald - Tip .400 Special order
Taylor Made	2000	Burner Super Steel	TM4100 Burg. Bubble	Aldila	S90	90-100	W	3wd	9 1/4	43.00	NA	11.50	4.5	280	D7.0	0.413	0.605	Ald - Tip .400 Special order
Taylor Made	2000	Firesole	Rifle	Royal/FM	R80	70-80	Iron	5ir	9 1/2	38.00	117.0	14.94	2.1	299	D1.1	0.390	0.600	RP - Rifle 4.5
Taylor Made	2000	Point & Shoot	Flex Lite Graphite		L	Wdg	Wdg	56	6 1/4	34.75		15.12		272	D1.7			Gra - Lady Classic
Taylor Made	2000	Point & Shoot	Rifle	Royal/FM	N/S	Wdg	Wdg	56	7 3/4	35.00		16.78		323	D4.5			RP - Rifle 6.5
Taylor Made	2000	Super Steel	Bubble Graphite	HST	L60	40-50	Iron	5ir	5 3/4	37.25	58.2	12.36	5.5	260	C9.6	0.395	0.600	Gra - AttackLite
Taylor Made	2000	SuperSteel	Rifle	Royal/FM	R80	65-75	Iron	5ir	8 1/2	37.50	115.8	14.58	2.1	286	D1.4	0.390	0.600	RP - Rifle 4.5
Taylor Made	2001	300 Series	Tour S90	Taylor Made	S90	80-90	W	9.5	11 1/4	44.50	NA	11.44	4.5	240	D5.1	0.350	0.610	Gra - Prolite 35 .370T Shim to .400
Taylor Made	2001	320 Series	Lite R-80	Taylor Made	R80	70-80	W	10.5	11 1/4	45.25	NA	11.10	4.8	233	D4.2	0.350	0.610	Gra - Prolite 35 .370T Shim to .400
Taylor Made	2001	320 Series	Flighted Rifle CWt 5.0	FM	R80	70-80	Iron	5ir	9 1/8	38.00	112.8	14.62	1.9	271	D2.2	0.355	0.602	RP - Rifle Lite 5.0
Taylor Made	2001	360 Series	Flighted Rifle CWt 5.0	FM	R80	70-80	Iron	5ir	9 1/8	38.00	112.3	14.60	1.9	271	D2.5	0.355	0.600	RP - Rifle Lite 5.0
Taylor Made	2001	360 Series	Lite Graphite	TM GPH	S90	50-60	Iron	5ir	9 1/4	38.25	81.6	13.52	5.0	262	D1.9	0.355	0.605	Ald - Excelerator
Taylor Made	2001	360 Ti Series	Ultralite S90	Taylor Made	S90	80-90	W	10.5	11 1/2	45.25	NA	10.96	5.0	248	D1.9	0.350	0.610	Gra - Prolite 35 .370T Shim to .400
Taylor Made	2002	200 Series	Taylor Made Lite R-80	TM GPH	R80	50-60	Iron	5ir	8 1/4	38.25	82.0	13.54	4.8	266	D0.8	0.370	0.610	Ald - Excelerator

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Taylor Made	2002	200 Series	TM Steel R-80	TT	R	70-80	Iron	5ir	9 1/8	38.00	112.0	14.56	2.0	290	D0.8	0.370	0.600	TT - Dynalite
Taylor Made	2002	200 Steel Series	Taylor Made S90 Steel	RP Precision	S90	85-95	W	10.5	12 1/2	43.50	120.6	12.92	2.2	251	D3.9	0.350	0.600	Gra - Prolite 35 .370T Shim to .400
Taylor Made	2001	300 Series Forged	Flighted Rifle CWt 5.0	FM	5.0	65-75	Iron	5ir	9 3/8	38.00	121.4	14.92	1.9	302	D2.5	0.370	0.602	RP - Rifle Flighted 5.0
Taylor Made	2001	300 Series Forged	Flighted Rifle CWt 5.0	FM	5.0	65-75	Iron	5ir	9 3/8	38.00	121.4	14.92	1.9	302	D2.5	0.370	0.602	RP - Rifle Flighted 5.0
Taylor Made	2002	200 Series	Taylor Made Lite S90	Taylor Made	S90	80-90	W	9.5	10 1/2	44.50	76.9	11.38	4.8	253	D2.8	0.350	0.610	Gra - Prolite 35 .370T Shim to .400
Taylor Made	2000	Firesole Tour	Dynamic Gold w/sens	TT	R300	75-85	Iron	5ir	9 1/2	37.50	116.8	15.62	1.9	300	D1.4	0.355	0.600	TT - Dyn Gold w/sens tt
Taylor Made	2000	SuperSteel	Bubble Graphite	HST	S90	60-70	Iron	5ir	7	38.50	67.7	13.18	5.2	285	D7.6	0.405	0.800	Ald - Tip .400 Special order
Titleist	1996	DCI Original	Tri-Spec - Steel	TT	S	75-85	Iron	5ir	9 3/8	38.00	121.5	14.96	2.1	302	D3.0	0.355	0.600	TT - Tri-Gold tt
Titleist	1996	DCI Oversize	Tri-Spec - Graphite	Grafalloy	L	55-65	Iron	5ir	7 3/8	37.25	72.1	13.22	4.5	289	C7.0	0.370	0.610	Gra - AttackLite
Titleist	1996	DCI Oversize	Tri-Spec - Graphite	Grafalloy	A	60-70	Iron	5ir	8 7/8	38.00	93.4	13.97	4.2	292	D0.0	0.370	0.610	Gra - AttackLite
Titleist	1996	DCI Oversize +	Tri-Spec - Steel	TT	R	60-70	Iron	5ir	9 1/4	37.75	112.1	14.63	2.2	292	D0.0	0.355	0.600	TT - Tri-Gold tt
Titleist	1996	DCI Oversize +	Tri-Spec - Steel	TT	S	75-85	Iron	5ir	9 1/4	37.75	119.8	14.90	2.2	304	D2.0	0.355	0.600	TT - Tri-Gold tt
Titleist	1997	BeCu SW	DynGold "Wdg"	TT	Wdg	Wdg	Wdg	56°	8	35.75		17.25	1.9	333	D9.0	0.355	0.600	TT - Dynamic Gold tt
Titleist	1998	975D	Ultralite	Aldila	X	90-100	W	8.5	9 3/4	45.00	65.6	10.80	5.1	258	D9.0	0.335	0.605	Ald - HM2000 Tour 65
Titleist	1998	975D	Ultralite	Aldila	S	80-90	W	8.5	11 3/4	45.00	63.7	11.50	5.2	239	D4.2	0.335	0.601	Ald - HM2000 Tour 65
Titleist	1998	975D	Ultralite	Aldila	R	75-85	W	10.5	11 3/4	45.00	60.5	11.52	5.8	228	D3.2	0.335	0.600	Ald - HM2000 Tour 65
Titleist	1998	976R	SELECT GRAPHITE	Aldila	R	80-90	W	8.0	11 1/2	44.00	100-105	12.56	4.0	250	D3.0	0.335	0.600	TT - EI70
Titleist	1998	976R	SELECT GRAPHITE	Aldila	S	90-100	W	9.0	12 5/8	44.00	80-85	11.90	3.7	254	D7.0	0.335	0.600	TT - EI70 High Impact
Titleist	1998	DCI Oversize +	Select CGT	Aldila	R	55-65	Iron	5ir	8 1/2	38.00	97.1	14.10	4.0	266	D3.9	0.370	0.580	GD - GAT
Titleist	1998	DCI Oversize +	Select Lite CGT	Aldila	A	55-65	Iron	5ir	8 2/3	37.88	91.4	13.90	4.2	273	D0.2	0.370	0.595	RP - Rifle Graphite 75
Titleist	1998	DCI STARSHIP	TRISPEC-GRAPHITE	Aldila	R	85-95	W	11.3	12	43.75	85-90	12.12	4.4	258	D1.5	0.370	0.590	Ald - VX Series
Titleist	1998	DCI STARSHIP	TRISPEC-GRAPHITE	Aldila	S	85-95	W	11.3	12 1/8	43.75	90-95	12.23	4.2	258	D0.5	0.370	0.595	Ald - VX Series
Titleist	1999	975D Titanium	Ultralite	Aldila	R	75-85	W	10.5	11 3/4	44.88	62.1	11.52	4.8	228	D3.9	0.333	0.608	Pen - Graphite Lite
Titleist	1999	975D Titanium	Ultralite	Aldila	S	85-95	W	10.5	12 1/2	44.63	65.8	11.64	4.9	248	D1.4	0.331	0.610	Ald - V2000 Plus
Titleist	2000	990	Dynamic Gold	TT	S300	80-90	Iron	5ir	10	38.00	118.7	15.58	2.0	307	D3.1	0.355	0.600	TT - Dynamic Gold S300 tt
Titleist	2000	DCI 981SL	UL Graphite	TT	L	Wdg	Wdg	52	5 3/4	34.75	65.0	14.66	4.0	288	D3.1	0.370	0.600	TT - Lady Classic
Titleist	2000	Vokey raw	Dynamic Gold	TT	Wdg	Wdg	Wdg	56	8	35.25	119.8	16.80	1.9	321	D5.1	0.355	0.605	TT - Dynamic Gold tt
Titleist	2001	975F	Dynamic Gold S300	TT	S300	95-105	W	13.5	12 1/2	42.50	122.6	13.52	2.1	267	D2.2	0.335	0.600	TT - Dyn Gold S300U
Titleist	2001	975J Pro Ti	CGT UL 60	Aldila	SX	95-105	W	8.5	12	45.00	68.6	11.58	4.5	251	D3.8	0.350	0.610	Call - RCH ProSeries M70 .350T
Titleist	2001	975J Pro Ti	CGT UL 60	Aldila	S	90-100	W	10.5	12	45.00	66.9	11.52	4.5	247	D3.4	0.350	0.610	Call - RCH ProSeries H65 .350T
Titleist	2002	DCI 762	Dynamic Gold R300	TT	R300	75-85	Iron	5ir	10	38.25	126.2	15.16	1.9	287	D2.5	0.355	0.600	TT - Dyn Gold R300 tt
Titleist	2002	DCI 822 OS	NS Pro N950 UL	TT	R	60-70	Iron	5ir	9 1/8	38.13	100.1	14.24	2.1	276	D0.0	0.355	0.600	TT - Release tt - Spord
Titleist	2002	DCI 822 OS	NS PRO 950 UL	TT	R	60-70	Iron	5ir	9 1/4	38.25	100.6	14.26	2.1	277	C9.6	0.355	0.600	TT - Release tt - Spord
Titleist	2002	DCI 990-B	Dynamic Gold R300	TT	R300	75-85	Iron	5ir	9 7/8	37.88	125.2	15.48	1.9	288	D2.5	0.355	0.600	TT - Dyn Gold R300 tt
Top Flite	1996	Magna Oversize	Magna Graphite	Fenwick	M/F	60-70	Iron	5ir	8 7/8	38.25	83.5	13.62	4.5	286	D0.0	0.370	0.600	Ald - VX Series
Top Flite	1996	Tour	Performance	Fenwick	A	55-65	Iron	5ir	8 2/3	38.00	96.2	14.07	5.0	276	D2.0	0.370	0.580	GD - GAT
Top Flite	1996	Tour	Dynalite Gold	TT	R300	70-80	Iron	5ir	9 1/4	38.00	116.1	14.77	2.0	297	D2.0	0.370	0.600	TT - Dynalite Gold
Top Flite	1996	Tour	Dynalite Gold	TT	S300	75-85	Iron	5ir	9 1/8	37.75	115.8	14.76	2.0	313	D1.0	0.370	0.600	TT - Dynalite Gold
Top Flite	1998	Tour	Muscle Shaft	Fenwick	S90	65-75	Iron	5ir	8	38.25	77.2	13.40	4.0	296	D3.0	0.400	0.610	Ald - Tip .400 Special order
Top Flite	1998	Tour	Muscle Shaft	Fenwick	R80	55-65	Iron	5ir	8 1/4	38.00	85.7	13.70	4.1	279	D0.8	0.400	0.600	Ald - Tip .400 Special order
Top Flite	1998	Tour Pro grind	DynGold w/sens	TT	S300	80-90	Iron	5ir	9 2/3	38.00	125.5	15.10	2.0	307	D0.5	0.370	0.600	TT - Dynamic Gold w/sens

OEM Shaft Analysis Replacement Guide

OEM	Year	Description	Shaft Description	SHAFT VENDOR	Flex	RSSR (MPH)	ID	Loft	Bal. Pt.	Legnth	SHAFT WT.	Club Wt.	Torque	Freq. Cpm	S/W	Tip Diam.	Butt Diam.	Replacement shaft options
Top Flite	1998	Tour Ti	Muscle Shaft	Fenwick	S90	65-75	Iron	5ir	8 1/4	38.25	82.9	13.60	4.2	292	D2.5	0.400	0.610	Aid - Tip .400 Special order
Wilson	1996	Midsize	Firestick - Steel	TT	2.8	80-90	Iron	5ir	9 3/8	37.75	122.3	14.99	2.0	320	D2.0	0.370	0.600	TT - Dyalite Gold
Wilson	1996	Midsize RM	Firestick - Steel	TT	2.8	80-90	Iron	5ir	9 3/8	38.00	119.8	14.90	2.0	323	D1.0	0.370	0.600	TT - Dyalite Gold
Wilson	1996	Progressive	Firestick - Steel	TT	2.8	80-90	Iron	5ir	9 3/8	37.75	122.9	15.01	2.0	321	D2.0	0.370	0.600	TT - Dyalite Gold
Wilson	1996	Ultra System 45	Firestick - Steel	TT	3.5	70-80	Iron	5ir	9 1/4	37.75	116.7	14.79	2.2	301	D2.0	0.370	0.600	TT - Dyalite Gold
Wilson	1997	FS Wilson Staff	Fat Shaft	TT	R	60-70	Iron	5ir	9	38.50	84.3	13.65	4.0	293	D0.5	0.500	0.610	Wilson Auth Rep Facility
Wilson	1997	FS Wilson Staff	Fat Shaft	TT	S	70-80	Iron	5ir	9 2/3	39.00	109.9	14.55	2.0	289	D5.5	0.500	0.600	Wilson Auth Rep Facility
Wilson	1997	PS Oversize	Carbon Fiber	N	R	60-70	Iron	5ir	8 1/4	37.75	79.0	13.48	4.5	290	C9.3	0.370	0.600	Par - PV Series
Wilson	1997	Staff Oversize	Re-flex	CarFibr	R	60-70	Iron	5ir	8 1/4	37.75	79.5	13.48	4.4	290	C9.5	0.370	0.600	RP - Rifle Graphite 75
Wilson	1998	FS Wilson Staff	Fat Shaft	TT	S	65-75	Iron	5ir	8 2/3	38.25	85.7	13.70	4.0	295	D0.2	0.500	0.610	Wilson Auth Rep Facility
Wilson	1998	FS Staff Midsize	Fat Shaft	Apollo/TT	S	70-80	Iron	5ir	9 2/3	38.00	120.9	14.94	2.0	285	D1.2	0.500	0.600	TT - Dynamic Gold
Wilson	1998	Staff Midsize RM	Firestick - Steel	TT	3.5	70-80	Iron	5ir	8 3/8	38.00	99.9	14.20	2.2	296	D5.9	0.370	0.600	TT - Dyalite
Wilson	1999	FS Ti 33cm ² AHA	Fat Shaft by TT	TT	Lite	70-80	W	10.5	11 3/4	45.00	68.2	10.98	4.5	237	C8.7	0.500	0.610	Wilson Authorized Repair Facility
Wilson	1999	FS Ti 33cm ² AHA	Fat Shaft by TT	TT	S	85-95	W	10.5	12	45.00	74.4	11.32	4.5	261	C9.6	0.500	0.610	Wilson Authorized Repair Facility
Wilson	2002	Deep Red	FS Tri Ply Gphite	UST	R	55-65	Iron	5ir	7 3/4	38.25	86.8	13.18	3.5	238	D9.9	0.543	0.610	Wilson Auth Rep Facility
Wilson	2002	Deep Red	FS Fluid Feel Steel	TT	R	65-75	Iron	5ir	9	38.25	#REF!	14.27	2.0	273	D9.6	0.705	0.600	Wilson Auth Rep Facility
Wilson	2002	Deep Red beta Ti	FS 480 HypProlite	Grafalloy	R	70-80	W	9.0	11	45.00	67.0	10.88	4.2	214	D3.2	0.493	0.602	Wilson Authorized Repair Facility
Wilson	2002	Deep Red beta Ti	FS 480 HypProlite	Grafalloy	R	70-80	W	10.5	11	45.00	65.0	10.78	4.1	216	D2.5	0.495	0.600	Wilson Authorized Repair Facility
Wilson	1997	INVEX	FIRESTICK 4.5	UST	L	55-65	W	12.0	11	43.75	75.0	11.57	4.5	217	D2.0	0.335	0.590	UST - Competition 75
Wilson	1997	INVEX	FIRESTICK 4.0	Aldila	4.0	70-80	W	10.5	11 3/4	43.75	87.0	12.04	4.0	240	D2.0	0.335	0.605	Aid - VX Series
Wilson	1997	INVEX	FIRESTICK 3.5	Aldila	3.5	80-90	W	10.5	12	43.75	90.0	12.31	3.5	243	D4.0	0.335	0.605	Aid - Tour Gold 80B
Wilson	1997	INVEX	FIRESTICK	Aldila	2.8	85-95	W	10.5	12 1/4	43.75	93.0	12.28	2.8	248	D3.0	0.335	0.606	Aid - HM40 Tour Gold
Wilson	1997	INVEX	FIRESTICK 2.0	Aldila	2.0	95-105	W	8.5	12	43.75	92.0	12.25	2.0	259	D4.0	0.335	0.605	Aid - HM40 Tour Gold
Wilson	1997	INVEX	FIRESTICK 4.5	TT	4.5	60-70	W	12.0	12 1/4	43.25	109.8	12.68	2.8	231	D1.0	0.335	0.600	TT - Dyalite
Wilson	1997	INVEX	FIRESTICK 4.0	TT	4.0	65-75	W	12.0	12 1/4	43.25	110.6	12.71	2.8	233	D1.0	0.335	0.600	TT - Dyalite
Wilson	1997	INVEX	FIRESTICK 3.5	TT	3.5	90-100	W	10.5	12 3/4	43.25	121.7	13.10	2.6	261	D3.0	0.335	0.600	TT - Dyalite
Wilson	1997	INVEX	Firestick 2.0 Stl	TT	2.0	110-UP	W	8.5	12 3/4	43.25	118.9	13.00	2.4	287	D0.0	0.335	0.600	TT - Dyalite Gold X100
Wilson	1997	INVEX	Firestk Gold label	TT	2.8	105-115	W	9.0	13	43.75	124.8	13.21	2.5	274	D6.0	0.335	0.600	TT - Dynamic Gold X
Wilson	1997	INVEX	Firestk Silver Label	TT	2.8	105-115	W	9.0	12 3/4	43.25	125.4	13.23	2.5	277	D4.0	0.335	0.600	TT - Dynamic Gold X
Wilson	1997	INVEX Ti	Firestick	UST	2.8	85-95	W	10.0	11 4/9	44.88	74.5	11.52	6.4	254	D6.5	0.335	0.605	UST - Competition 75
Wilson	1997	INVEX Ti	FIRESTICK 3.5	UST	3.5	75-85	W	10.5	11 1/8	44.75	75.6	11.45	6.9	242	D7.0	0.335	0.605	UST - Competition 75
Wilson	1997	STAFF Ti	FIRESTICK 3.5	UST	3.5	75-85	W	10.5	11 1/8	45.00	71.0	11.20	5.0	247	D3.5	0.335	0.605	UST - Competition 75
Wright	1999	Poweright Ti Xtreme	Int Flex mtrix HPM	Comp Dyn	F 90+	80-90	W	11.0	12	44.88	74.2	11.76	4.4	232	D3.6	0.332	0.571	RP - Rifle Graphite 75
Wright	1999	Poweright Ti Xtreme	Int Flex mtrix HPM	Co Dyn	R80+	70-80	W	11.0	12 1/2	44.88	82.0	11.86	6.4	233	D1.4	0.327	0.570	Par - Pargon PV
Yonex	1999	Rekin Super 03 Ti & Tu	HGS 4000 Power	ProD CGph	R	85-95	W	10.5	10 3/4	45.00	74.3	10.60	6.0	247	D0.2	.332BT	0.613	UST - Proforce 65
Yonex	1999	Rekin Super 03 Ti & Tu	HGS 4000 Power	ProD CGph	S	90-100	W	10.5	10 3/4	45.00	76.9	10.68	5.6	256	D1.4	.331BT	0.618	UST - Proforce 65
YONEX	1998	SUPER ADX	H.M. L TORQ S.L.	N/A	S	75-85	W	10.0	11 4/7	45.13	55-60?	10.85	5.1	248	D0.0	0.335	0.605	UST Pro Force 55
YONEX	1998	SUPER ADX	H.M. LT S.L.	N/A	R	70-80	W	11.0	11 5/8	45.13	55-60	10.82	5.2	237	C9.0	0.335	0.600	UST Pro Force 55