

Shaft Trimming Notes

- (1) Through Bore - no change to tip trim. Blind Bore - add 1/2" to trimming instruction. Standard Bore - add 1 1/4" to trimming instruction.
- (2) Through Bore - no change to tip trim. Blind Bore - add 1/4" to trimming instruction. Standard Bore - add 1" to trimming instruction.
- (3) For hi-loft utility woods (8-15) - do not tip trim more than stated for the 7 - wood due to the lack of parallel tip section.
- (4) Hosels with bore depths greater than 2", we recommend blind boring the shaft in the hosel 1 3/4".
- (5) Through Bore no change to tip trim. Blind Bore - add 1/2" to trimming instruction. Standard Bore add 1" to trimming instruction. Shaft trimming is adjustable but should never exceed 2".
- (6) Through Bore - no change to tip trim. Standard Bore - add 1" to trimming instruction.
- (7) For all through bore woods insert shaft a maximum of 2".
- (8) For through bore woods, insert driver shaft 2" maximum, Fairway clubs tip trim 1/2" then insert shaft a maximum of 2".
- (9) For through bore woods, insert driver shaft 2.5" maximum, Fairway clubs tip trim 1/2" then insert shaft a maximum of 2".

AEROTECH STEELFIBER HYBRID FAIRWAYS

| PLAYING LENGTH | STEELFIBER HFS75 | STEELFIBER HLS75 |
|----------------|------------------|------------------|
| 41" or longer | BUTT TRIM ONLY | BUTT TRIM ONLY |
| 40.75-40.25" | .5" | .5" |
| 40-39.5" | 1.0" | 1.0" |
| 39.25-38.75 | 1.5" | 1.5" |
| 38.5-38" | 2.0" | 2.0" |
| 37.75" or less | 2.5" | 2.5" |

APOLLO SHAFTS BALISTIK TIP TRIMMING

| WOOD SHAFT | 1 | 3 | 5 | 7 | | | | | |
|------------------------|------|-------|------|-------|------|-------|------|-------|-------|
| S Flex Graphite | 8" | 8.5" | 9" | 9.5" | | | | | |
| R Flex Graphite | 5" | 5.5" | 6" | 6.5" | | | | | |
| A Flex Graphite | 2" | 2.5" | 3" | 3.5" | | | | | |
| L Flex Graphite | 0" | 0.5" | 1" | 1.5" | | | | | |
| IRON SHAFT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9PWSW |
| S Flex Steel | 3" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6.5" |
| S Flex Graphite | 7.5" | 7.75" | 8" | 8.25" | 8.5" | 8.75" | 9" | 9.25" | 9.5" |
| R Flex Steel | 2" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" |
| R Flex Graphite | 4.5" | 4.75" | 5" | 5.25" | 5.5" | 5.75" | 6" | 6.25" | 6.5" |
| A Flex Steel | 1" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 5" | 4.5" |
| A Flex Graphite | 1.5" | 1.75" | 2" | 2.25" | 2.5" | 2.75" | 3" | 3.25" | 3.5" |
| L Flex Steel | 0" | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" |
| L Flex Graphite | 0" | 0" | 0" | 0.25" | 0.5" | 0.75" | 1" | 1.25" | 1.5" |

WOOD SHAFT TIP TRIMMING (INCHES)

| | DRIVER | 2-WOOD | 3-WOOD | 4-WOOD | 5-WOOD | 6-WOOD | 7-WOOD | 9-WOOD |
|------|---|--------|--------|--------|--------|--------|--------|--------|
| WD01 | 0" | 0.25" | 0.5" | 1" | 1.5" | 1.5" | 1.5" | 1.5" |
| WD02 | 2" | 2.25" | 2.5" | 3" | 3.5" | 3.5" | 3.5" | 3.5" |
| WD03 | X | X | 0.5" | X | 0.75" | X | 1" | 1" |
| WD04 | 2" | 2 3/8" | 2 3/4" | 3 1/8" | 3 1/2" | X | 3 7/8" | 4 1/4" |
| WD05 | 0" | X | 0.25" | 0.5" | 0.75" | X | X | X |
| WD06 | 2.5" | X | 2.75" | 3" | 3.25" | X | X | X |
| WD07 | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" |
| WD08 | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" |
| WD09 | 0" | X | 0.5" | X | 0.5" | N/A | N/A | N/A |
| WD10 | 0" | 0.25" | 0.5" | 0.75" | 1" | 1" | 1" | 1" |
| WD11 | 1" | 1.25" | 1.5" | 1.75" | 2" | 2" | 2" | 2" |
| WD12 | 2" | 2.25" | 2.5" | 2.75" | 3" | 3.25" | 3.5" | 4" |
| WD13 | X | X | 0" | 0.5" | 1" | 1.5" | 2" | 2" |
| WD14 | 0" | X | 1" | X | 1" | X | 1" | X |
| WD15 | 1" | 1.25" | 1.5" | 1.75" | 2" | 2.25" | 2.5" | X |
| WD16 | 0" | 0.5" | 1" | 1.5" | 2" | 2" | 2" | 2" |
| WD17 | 1" | 1.5" | 2" | 2.5" | 3" | 3" | 3" | 3" |
| WD18 | DO NOT TIP TRIM - BUTT TRIM TO THE DESIRED PLAYING LENGTH | | | | | | | |
| WD19 | 0" | X | 1" | 1 1/2" | 2" | X | 2 1/2" | 3" |
| WD20 | 0" | X | 1" | X | 1.5" | X | 2" | 2.25" |
| WD21 | 1" | X | 1.5" | X | 2" | X | 2.5" | 3" |
| WD22 | X | X | 0" | 0.25" | 0.5" | X | 0.75" | 1" |
| WD23 | 0" | 0.25" | 0.5" | 0.5" | 0.75" | 0.75" | 1" | 1" |
| WD24 | 0" | X | 0.5" | X | 1" | X | 1.5" | X |

IRON SHAFT TIP TRIMMING (INCHES)

| | 1-IRON | 2-IRON | 3-IRON | 4-IRON | 5-IRON | 6-IRON | 7-IRON | 8-IRON | 9-IRON | PW | SW |
|------|---|---------|---------|---------|---------|----------|---------|----------|----------|----------|----------|
| IR01 | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.25" | 4.25" |
| IR02 | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.25" | 5.25" |
| IR03 | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6.25" | 6.25" |
| IR04 | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 4.5" |
| IR05 | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6" |
| IR06 | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6.5" | 7" | 7.25" | 7.25" |
| IR07 | 0" | 0.25" | 0.5" | 0.75" | 1" | 1.25" | 1.5" | 1.75" | 2" | 2" | 2" |
| IR08 | 0" | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4.0" | 4.0" |
| IR09 | 2" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6.0" | 6.0" |
| IR10 | 1" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 4.5" | 4.5" |
| IR11 | 1" | 1.25" | 1.5" | 1.75" | 2" | 2.25" | 2.5" | 2.75" | 3" | 3" | 3" |
| IR12 | DO NOT TIP TRIM - BUTT TRIM TO DESIRED PLAYING LENGTH | | | | | | | | | | |
| IR13 | X | X | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3" | 3" |
| IR14 | 1" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5" |
| IR15 | 2" | 2" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6.5" | 7" | 7" |
| IR16 | 0" | 0" | 3/8" | 3/4" | 1 1/8" | 1 1/2" | 1 7/8" | 2 1/4" | 2 5/8" | 2 5/8" | 3" |
| IR17 | 0" | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 3.5" | 4" |
| IR18 | 0" | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 3.5" | 3.5" |
| IR19 | 0" | 0" | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 3.5" |
| IR20 | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4" | 4" |
| IR21 | 1" | 1.5" | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5" | 5" |
| IR22 | 0" | 7/16" | 1" | 1 9/16" | 2 1/8" | 2 11/16" | 3 1/4" | 3 13/16" | 4 3/8" | 4 15/16" | 4 15/16" |
| IR23 | 7/8" | 1 7/16" | 2" | 2 9/16" | 3 1/8" | 3 11/16" | 4 1/4" | 4 13/16" | 5 3/8" | 5 15/16" | 5 15/16" |
| IR24 | 1 7/8" | 2 7/16" | 3" | 3 9/16" | 4 1/8" | 4 11/16" | 5 1/4" | 5 13/16" | 6 3/8" | 6 15/16" | 6 15/16" |
| IR25 | 2 7/8" | 3 7/16" | 4" | 4 9/16" | 5 1/8" | 5 11/16" | 6 1/4" | 6 13/16" | 7 3/8" | 7 15/16" | 7 15/16" |
| IR26 | 0" | 5/8" | 1 1/4" | 1 7/8" | 2 1/2" | 3 1/8" | 3 3/4" | 4 3/8" | 5" | 5" | 5" |
| IR27 | 1" | 1 5/8" | 2 1/4" | 2 7/8" | 3 1/2" | 4 1/8" | 4 3/4" | 5 3/8" | 6" | 6" | 6" |
| IR28 | 2" | 2 5/8" | 3 1/4" | 3 7/8" | 4 1/2" | 5 1/8" | 5 3/4" | 6 3/8" | 7" | 7" | 7" |
| IR29 | Trim to length from tip | | | | | | | | | | |
| IR30 | 3/16" | 3/4" | 1 5/16" | 1 7/8" | 2 7/16" | 3" | 3 9/16" | 4 1/8" | 4 11/16" | 5 1/4" | X |
| IR31 | 1 3/16" | 1 3/4" | 2 5/16" | 2 7/8" | 3 7/16" | 4" | 4 9/16" | 5 1/8" | 5 11/16" | 6 1/4" | X |
| IR32 | 2 3/16" | 2 3/4" | 3 5/16" | 3 7/8" | 4 7/16" | 5" | 5 9/16" | 6 1/8" | 6 11/16" | 7 1/4" | X |
| IR33 | 3 3/16" | 3 3/4" | 4 5/16" | 4 7/8" | 5 7/16" | 6" | 6 9/16" | 7 1/8" | 7 11/16" | 8 1/4" | X |
| IR34 | 2" | 2.5" | 3" | 3.5" | 4" | 4.5" | 5" | 5.5" | 6" | 6.5" | X |
| IR35 | N/A | N/A | N/A | 0" | 0.5" | 1" | 1.5" | 2" | 2.5" | 3" | X |
| IR36 | 0" | 0" | 0" | 5/8" | 1 1/4" | 1 7/8" | 2 1/2" | 3 1/8" | 3 3/4" | 4 3/8" | 4 3/8" |

Useful Points To Remember:

1. Lie alteration:

For each 1/4" contact away from the centre of the sole, lie should alter 1° (1/2" toward heel = 2° flatter required)

2. Swingweight:

1 swingweight point change in head = 2 gms:
In grip, 4gms: For 1/2" change in length SW will change by approx. 3 swp's.

3. Shaft Kick Point:

Generally, the lower the kick point the easier it will be for the less accomplished player to use.

4. Shaft Torque:

Generally the lower the torque, the more difficult it will be to use for the less accomplished players.

LENGTHS

Diamond Golf recommended club lengths.

| | CLUB | STEEL | GRAPHITE |
|-------|-------|-------|----------|
| Woods | 1 | 43" | 44" |
| | 3 | 42" | 43" |
| | 5 | 41" | 42" |
| | 7 | 40.5" | 41.5" |
| Irons | 1 | 39.5" | 40" |
| | 2 | 39" | 39.5" |
| | 3 | 38.5" | 39" |
| | 4 | 38" | 38.5" |
| | 5 | 37.5" | 38" |
| | 6 | 37" | 37.5" |
| | 7 | 36.5" | 37" |
| | 8 | 36" | 36.5" |
| | 9 | 35.5" | 36" |
| | PW | 35.5" | 36" |
| SW | 35.5" | 36" | |
| UW | 35.5" | 36" | |

LOFTS

As heads increase in size, weight distribution, & lengths extend, lofts have generally strengthened, ensuring adequate flight trajectory.

| | CLUB | TRADITIONAL | MODERN |
|-------|------|-------------|-----------|
| Woods | 1 | 12° | 8° to 11° |
| | 3 | 17° | 16° |
| | 5 | 23° | 22° |
| | 7 | 29° | 28° |
| Irons | 1 | 17° | 16° |
| | 2 | 20° | 18° |
| | 3 | 24° | 21° |
| | 4 | 28° | 24° |
| | 5 | 32° | 28° |
| | 6 | 36° | 32° |
| | 7 | 40° | 36° |
| | 8 | 44° | 40° |
| | 9 | 48° | 44° |
| | PW | 52° | 48° |
| SW | 56° | 54° | |
| UW | 60° | 60° | |

HYBRID TRIMMING NOTES (INCHES)

| | 15 DEG | 17 DEG | 19 DEG | 21 DEG | 23 DEG | 25 DEG | 27 DEG | 28 DEG |
|------|--------|--------|--------|--------|--------|--------|--------|--------|
| HY01 | 0" | 0" | 0.5" | 0.5" | 1" | 1" | 1" | 1" |
| HY02 | 0.25" | 0.75" | 1.25" | 1.75" | 2.25" | 2.75" | 3.25" | 3.25" |
| HY03 | 0" | 0.5" | 0.5" | 1" | 1" | 1.5" | 1.5" | 1.5" |
| HY04 | 0" | 0.25" | 0.5" | 0.75" | 1" | 1.25" | 1.5" | 1.5" |
| HY05 | 0" | 0" | 0.5" | 0.75" | 0.75" | 1" | 1" | 1" |
| HY06 | 0" | 0.25" | 0.5" | 1" | 1.5" | 1.75" | 2" | 2" |
| HY07 | 0" | 0.5" | 0.5" | 1" | 1" | 1.5" | 2" | 2" |
| HY08 | 0" | 0" | 0" | 1" | 1" | 1" | 1" | 1.5" |
| HY09 | 0" | 0" | 0" | 0.5" | 0.5" | 1" | 1" | 1" |

S2S RUBY LITE SHAFT TRIM CHART

| CLUBHEAD | A-FLEX TRIM | AA(L) FLEX TRIM | BUTT TRIM |
|-----------------|-------------|-----------------|-----------|
| DRIVER | 0" | 0" | TO LENGTH |
| LONG F/WAY | 1 1/2" | 1 1/2" | TO LENGTH |
| HIGH F/WAY | 2" | 2" | TO LENGTH |
| 5-HYBRID/IRON | 1 1/2" | 1 1/2" | TO LENGTH |
| 6/7-HYBRID/IRON | 2" | 2" | TO LENGTH |
| 8/9-HYBRID IRON | 2 1/2" | 2 1/2" | TO LENGTH |
| PW | 1" | 0" | TO LENGTH |
| DW | 1" | 0" | TO LENGTH |

FUTURE PRO SHAFT TIP TRIM

| HEADWEIGHT | WEIGHT 42-73 LBS | WEIGHT 73-103 LBS | WEIGHT 104 LBS |
|------------|------------------|-------------------|----------------|
| 1-wood | 0 | 1/2" | 1" |
| 3-Wood | 1/2" | 1 1/4" | 1 3/4" |
| 5-wood | 1" | 2" | 2 1/2" |
| 5-iron | 0 | 0 | 1" |
| 7-iron | 1/2" | 1" | 2" |
| 9-iron | 1" | 2" | 3" |
| Dual Wedge | 1" | 2" | 3" |

JUNIOR SIZING CHART

| GOLFER HEIGHT INCHES | WEIGHT POUNDS | DRIVER LENGTH INCHES | 5 IRON LENGTH INCHES | 9 IRON LENGTH INCHES |
|----------------------|---------------|----------------------|----------------------|----------------------|
| 42 | UNDER 35 | 32 | 28 | 26.5 |
| 42 | OVER 35 | 33 | 29 | 27.5 |
| 44 | UNDER 38 | 32 | 28 | 26.5 |
| 44 | OVER 38 | 33 | 29 | 27.5 |
| 46 | UNDER 42 | 34 | 29 | 27.5 |
| 46 | OVER 42 | 35 | 30 | 28.5 |
| 48 | UNDER 50 | 34 | 29 | 27.5 |
| 48 | OVER 50 | 35 | 30 | 28.5 |
| 50 | UNDER 58 | 36 | 31 | 29 |
| 50 | OVER 58 | 37 | 32 | 30 |
| 52 | UNDER 66 | 36 | 31 | 29 |
| 52 | OVER 66 | 37 | 32 | 30 |
| 54 | UNDER 74 | 37 | 32 | 30 |
| 54 | OVER 74 | 38 | 33 | 31 |
| 56 | UNDER 80 | 38 | 33 | 31 |
| 56 | OVER 80 | 39 | 34 | 32 |
| 58 | UNDER 86 | 39 | 34 | 32 |
| 58 | OVER 86 | 40 | 35 | 33 |
| 60 | UNDER 94 | 39 | 34 | 32 |
| 60 | OVER 94 | 40 | 35 | 33 |
| 62 | UNDER 104 | 40.5 | 35 | 33 |
| 62 | OVER 104 | 41.5 | 36 | 3 |

WOOD FACE ANGLE RECOMMENDATIONS

| | | | | |
|--|----------------------|---------------------------|------------------------------|-------------|
| <p>Matching the wood face angle to the observed flight path, and the actual swing path can be aided by the information below: The information should be used in conjunction with all other relevant specifications.</p> <p>NOTE: Any change in the degree of face angle, relative to the target, may cause the ball flight to vary from the above examples. Variations of inside-out and outside-in swing paths also may change expected ball flight patterns.</p> | SWING PATH TO TARGET | FACE ANGLE FLIGHT PATTERN | PROBABLE BALL RECOMMENDATION | FACE ANGLE |
| | A. Square | Square | Straight | No change |
| | B. Square | Open | Starts right, fades | Closed |
| | C. Square | Closed | Starts left, draws | Open |
| | D. Inside - out | Square | Starts right, draws | No change |
| | E. Inside - out | Open | Straight right | Closed |
| | F. Inside - out | Closed | Starts left, hooks | Open |
| | G. Outside - in | Square | Starts left, fades | No change |
| | H. Outside - in | Open | Starts right, slices | Very closed |
| | I. Outside - in | Closed | Straight left | Open |