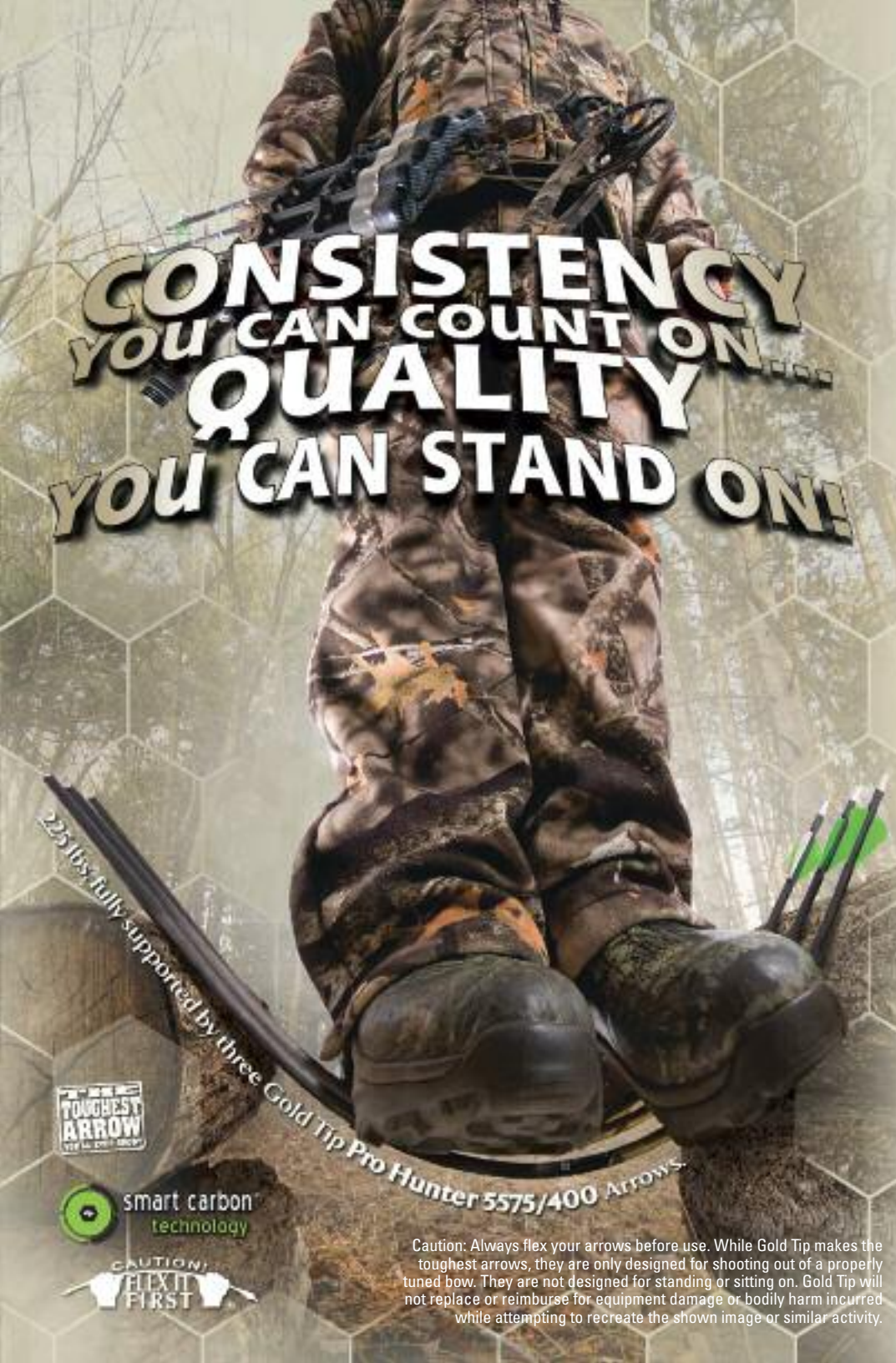

GOLD TIP
PRODUCT CATALOG



Caution: Always flex your arrows before use. While Gold Tip makes the toughest arrows, they are only designed for shooting out of a properly tuned bow. They are not designed for standing or sitting on. Gold Tip will not replace or reimburse for equipment damage or bodily harm incurred while attempting to recreate the shown image or similar activity.

Premium Hunting Arrows

Hunter: Pro, XT, Expedition ..... 4.

Kinetic: Pro, XT, Hunter ..... 6.

Velocity: Pro, XT, Hunter ..... 8.

Specialty Hunting Arrows

Ted Nugent: White Zebra, Green Zebra, Pink Zebra ..... 10.

Name the Game: Green Hunter, Pink Hunter, Green XT, Pink XT ..... 12.

Traditional: Hunter, XT ..... 14.

Twister Flu-Flu ..... 15.

Big Game: 250, Kinetic Big Game 200 ..... 16.

Youth Arrows

Falcon; Lightning, Fiberglass ..... 18.

Precision Target Arrows

2012 Tournament Records ..... 20.

Ultralight: Ultralight Entrada, Ultralight, Ultralight Pro ..... 22.

Ultralight Series 22: Ultralight Series 22, Ultralight Series 22 Pro ..... 24.

X-Cutter: Ultralight X-Cutter, Ultralight X-Cutter Pro ..... 26.

30X: Ultralight 30X, Ultralight 30X Pro ..... 28.

Triple X: Triple X, Triple X Pro ..... 30.

Crossbow Bolts

2012 Success Stories ..... 32.

Laser: Laser II, Laser II Pro Series, Laser III, Laser III Pro Series ..... 34.

Laser: Laser IV, Laser IV Pro Series ..... 36.

Specialty Crossbow Bolts: Crusader, Laser APG ..... 38.

Clothing: Gold Tip Logowear ..... 40.

Technical Data ..... 42.

2013 What's NEW!

NAMETHEGAME™ HUNTER

NAMETHEGAME™ XV

TWISTER CARBON FLU-FLU

CRUSADER

Name The Game: Built to meet the demanding standards of World Champion Archers and Professional Hunters, Samantha and Levi Morgan. The NEW Name the Game arrows provide proven performance on the range or in the field.

Flu Flu: Whether thumpin' small game or birds of feather, the NEW Twister Flu Flu arrows provide the consistency and strength to deliver shot after shot, thanks to Gold Tips Smart Carbon technology.

Crusader Crossbow Bolt: Engineered to maximize the performance of the new Mission MXB-360, the Crusader takes hunting crossbow bolts to a new level.

NEW SIZES FOR 2013

HUNTER 300

VELOCITY 340

Premium Hunting Arrows

As an industry leader in carbon arrows, Gold Tip is proud to offer a complete line of premium hunting arrows. With options like our original all-around Hunter line, the speed of our Velocity line, or the hard-hitting power of our Kinetic line, Gold Tip's diverse lineup of hunting arrows offers any bowhunter the arrow they need to become more successful in the field.

HUNTER

All-Around Versatility

The sport of bowhunting can often lead to challenging situations and conditions. Gold Tip's Hunter family of arrows provide the versatility to meet the demands of every level and challenge you may come up against. Providing speed, stability and strength, thanks to Gold Tip's Smart Carbon technology, the Hunters have become the "go-to" hunting arrows for many thousands of bowhunters.

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INCLUDED COMPONENTS

.246 Insert & Nocks

INSERTS

.246 Threaded

F.A.C.T. SYSTEM

Modules

POINTS

Standard .246 Glue In

Standard 5/16 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

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VTER

MODEL: **Pro Hunter XX75**

WIN: 2012 NFAA National Indoor Champion —Levi Morgan

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SIZES: **3555/500, 5575/400, 7595/340, 300**
AVAILABLE FINISHES:

Black APG

NEW! FOR 2013

HP-2 (2" VANE)

VMAX-4 (4" VANE)

As the ultimate arrow in Gold Tip's Hunter Family, the **Pro Hunter** boasts industry leading weight and straightness tolerances, as well as unmatched durability and straightness retention characteristics. While the **Pro Hunter** has become the choice for the world's most discerning bowhunter, it also has won a number of national archery tournaments in the hands of the world's best shooters.

MODEL: **XT Hunter XX75**

STRAIGHTNESS TOLERANCE: **+/- .003"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **3555/500, 5575/400, 7595/340, 300, 250 Big Game**
AVAILABLE FINISHES:

Black APG Lost Camo

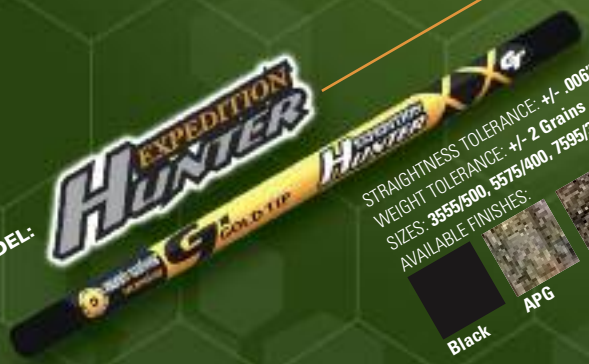
NEW! FOR 2013

HP-2 (2" VANE)

VMAX-4 (4" VANE)

The **XT Hunter** is one of the most popular shafts in Gold Tip's lineup, and for good reason; the **XT Hunter** has been providing bowhunters with the balance of both performance and accuracy needed for success in the woods since 1997.

MODEL: **Expedition Hunter XX75**



STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **3555/500, 5575/400, 7595/340, 300**
AVAILABLE FINISHES:

Black APG Lost Camo

NEW! FOR 2013

HP-2 (2" VANE)

VMAX-4 (4" VANE)

Featuring the same Smart Carbon Technology as the Pro and XT Hunters, the **Expedition Hunter** is a popular choice for the budget conscious bowhunter who still expects the ultimate in durability.

HUNTER WEIGHT SPECIFICATIONS:

Finish	3555/500	5575/400	7595/340	300
Black	7.4 gpi	8.2 gpi	8.9 gpi	9.2 gpi
Camo	8.2 gpi	9.0 gpi	N/A	10.9 gpi

BUSHINGS

.246

NOCKS

.246 GT Series, 11.5 gr

.246 Accu-lite*, 8.3 gr

*For use with D-Loops ONLY.

Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

KINETIC

Hard Hitting

For bowhunters looking for a durable, hard-hitting, small diameter shaft that still provides unmatched straightness retention, the Kinetic family of arrows meets the challenge. If you're hunting larger game or striving to increase your accuracy in wind and inclement weather, the Kinetic shafts are engineered to deliver maximum kinetic energy.

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Premium Hunting Arrows 6

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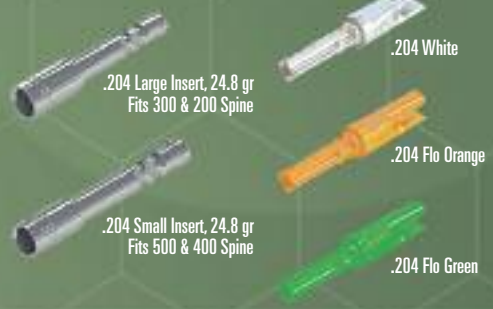
INCLUDED COMPONENTS

Accu-Tough



F.A.C.T. SYSTEM

Modules

POINTS

Kinetic Glue In

Standard 9/32 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

MODEL:

WIN: 2012 Yankton Classic
—Tim Gillingham

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SIZES: **500, 400, 300, 200 Kinetic Big Game**
AVAILABLE FINISHES:

Black

The **Kinetic Pro** combines the industry's highest quality materials, processes and specifications to form the ultimate small diameter shaft that delivers maximum penetration and consistent performance no matter the condition. Utilizing Gold Tip's Smart Carbon Technology and with four spine sizes available, including the .200" spine Kinetic Big Game Pro, this arrow is truly at the top of the food chain.

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .003"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SIZES: **500, 400, 300, 200 Kinetic Big Game**
AVAILABLE FINISHES:

Black

The **Kinetic XT** features everything you've come to expect from Gold Tip shafts: the durability, consistency, straightness retention and accuracy. These attributes have been rolled into this hard-hitting, small diameter hunting shaft. Featuring the popular .003" straightness tolerance and industry leading weight specifications, the **Kinetic XT** is a great choice for bowhunters seeking the increased penetration of a small diameter shaft.

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **500, 400, 300, 200 Kinetic Big Game**
AVAILABLE FINISHES:

Black

As a complement to the Kinetic Pro and Kinetic XT, the **Kinetic Hunter** continues to deliver the benefits of a small diameter shaft. Featuring the same Smart Carbon Technology as its cousins in the Kinetic line, the **Kinetic Hunter** delivers unmatched penetration with a more affordable price tag.

KINETIC WEIGHT SPECIFICATIONS:

Finish	500	400	300	Big Game 200
Black	7.6 gpi	9.5 gpi	10.4 gpi	11.6 gpi

NOCKS

.204 Accu-Tough, 11.6 gr

Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

BUSHINGS

Kinetic .204, Pin & Nock

VELOCITY

Speed Freak

Built for speed, the entire family of Velocity arrows ensures you get the most out of the technologically sophisticated speed bows offered by today's leading manufacturers. Offering incredible durability and straightness retention, with less added weight, the Velocity line fulfills your need for speed.

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Premium Hunting Arrows

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INCLUDED COMPONENTS

.246 Accu-Lite

INSERTS

.246 Threaded

F.A.C.T. SYSTEM

Modules

POINTS

Standard .246 Glue In

Standard 5/16 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

The **Velocity Pro** features industry best straightness and weight tolerance as the premier arrow in the Velocity line. At 25-30 grains lighter than it's cousin, the Pro Hunter, the **Velocity Pro** delivers the same consistent performance, but at serious speed! Built with Gold Tip's Smart Carbon Technology, the **Velocity Pro** is the ultimate speed arrow. As a testament to its accuracy and durability, this shaft crossed over to FITA archery tournaments and was used to win 2012 FITA Outdoor World Championship.

Fans of the XT Hunter will love the **Velocity XT**. The proven performance and straightness retention of the XT Hunter has been wrapped in a faster package, allowing bowhunters to deliver their broadhead faster than ever before.

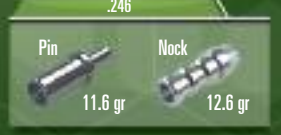
In staying with the theme of the entire Gold Tip line, the **Velocity Hunter** provides the performance of a lightweight, 100% carbon arrow shaft but features a smaller price tag.

VELOCITY WEIGHT SPECIFICATIONS:

Finish	600	500	400	340	300
Black	5.7 gpi	6.3 gpi	7.4 gpi	8.2 gpi	8.5 gpi

BUSHINGS

.246



NOCKS

.246 GT Series, 11.5 gr

.246 Accu-lite*, 8.3 gr

*For use with D-Loops ONLY.

Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Specialty Hunting Arrows

In addition to our mainline hunting arrows, Gold Tip proudly offers a variety of specialized hunting arows designed to meet the unique wants and needs of discerning bowhunters. From our heavy traditional arrows to our selection of "Nuge" shafts, Gold Tip's specialty hunting arrows provide numerous options for the distinctive archer.

Ted Nugent

Wildly Tough. Wildly Accurate.

Ted Nugent doesn't do anything "half way." And when he asked Gold Tip to make his Signature Series arrows, he told us the same. They needed to be stronger, faster, and harder hitting. After all, if you're going to "Wack'em and stack'em" you need arrows that can make it happen. The Ted Nugent Signature Series offers three distinct choices to get the job done, each with its own unique Nugent style.

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INCLUDED COMPONENTS

.246 Insert & Nocks

INSERTS

.246 Threaded

F.A.C.T. SYSTEM

Modules

POINTS

Standard .246 Glue In

Standard 5/16 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

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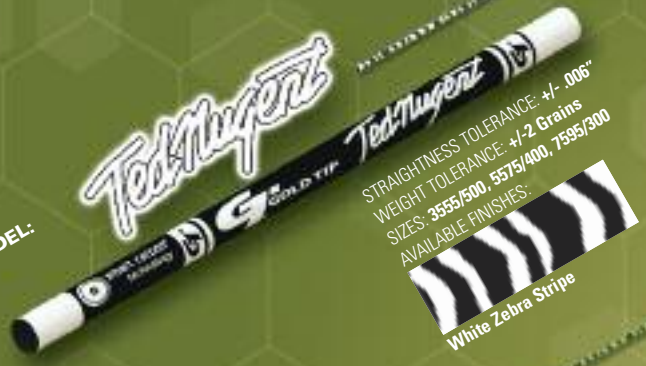
MODEL:



STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **3555/500, 5575/400, 7595/300**
AVAILABLE FINISHES:

White Zebra Stripe

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **3555/500, 5575/400, 7595/300**
AVAILABLE FINISHES:

Green Zebra Stripe

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **3555/500, 5575/400**
AVAILABLE FINISHES:

Pink Zebra Stripe

Ted Nugent, simply put, does not compromise. That's why he has been relying on Gold Tip arrows for years. Gold Tip's original **Ted Nugent Signature Series** shafts are decorated with Uncle Ted's-classic white zebra stripe pattern and are sure to be found in his quiver.

Gold Tip is proud to offer the newest member of the Ted Nugent Signature Series: the green **"Nuge"** arrow! Ted Nugent has made his livlihood being loud both on stage and while fighting for hunter's rights, and now you can do the same with his arrow in your quiver! In keeping with Gold Tip and Ted's dedication to charity, a portion of proceeds from the sale of every green Nugent shaft are going to the U.S. Special Forces Association.

Don't let color fool you; the pink Ted Nugent Signature Series shaft is one rockin' arrow! The pink **"Nuge"** arrow is the perfect choice for anyone looking to add some flare to their quiver without sacrificing a bit of performance. A portion of proceeds from the sale of every pink Nugent shaft will go to the Susan G. Komen Foundation to aid in the fight against breast cancer.

Ted Nugent WEIGHT SPECIFICATIONS:

Finish	3555/500	5575/400	7595/300
White Zebra Stripe	8.4 gpi	9.3 gpi	10.8 gpi
Green Zebra Stripe	8.4 gpi	9.3 gpi	10.8 gpi
Pink Zebra Stripe	8.4 gpi	9.3 gpi	n/a

BUSHINGS

.246

NOCKS

.246 GT Series, 11.5 gr

.246 Accu-lite*, 8.3 gr

*For use with D-Loops ONLY.

Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

NAMETH

NEW FOR 2013

INCLUDED COMPONENTS

.246 Accu-Lite

Insert
12.1 gr

Nocks
White
Green
Orange

INSERTS

.246 Threaded

Brass, 100 gr

Aluminum, 50 gr

F.A.C.T. SYSTEM

Modules

10 gr

20 gr

50 gr

POINTS

Standard .246 Glue In

35 gr

80 gr

100 gr

Standard 5/16 Screw In

EZ Pull, 85 gr

EZ Pull, 100 gr

EZ Pull, 125 gr

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

NAMETHEGAME™

Proven Performance

Levi and Samantha Morgan are two of the fastest rising young stars on the tournament circuit AND in the whitetail woods. Whether they're winning a world title or knocking down world-class trophy animals, they demand the best to get the job done. NEW for 2013, the Name the Game Signature Series from Samantha and Levi Morgan provide top-of-the-line arrow options that can help you score on the range or in the woods.

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Specialty Hunting Arrows

12

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NAME THE GAME™

STRAIGHTNESS TOLERANCE: +/- .006"
WEIGHT TOLERANCE: +/-2 Grains
SIZES: **GREEN: 400, 300 Only; PINK: 500, 400 Only**

With a straightness tolerance of .006, the **Name the Game Hunter** arrows offer the ultimate in straightness retention and maximum durability. Available in 500 and 400 (Pink), perfect for lighter draw weight and shorter arrows or 400 and 300 (Green) for heavier draw weights and longer arrow lengths.

A portion of the proceeds from the sale of Samantha Morgan Signature Series arrows will support Breast Cancer Research Foundation.

A portion of the proceeds from the sale of Levi Morgan's Signature Series arrows will support the Wounded Warriors Foundation.

WOUNDED WARRIOR PROJECT

STRAIGHTNESS TOLERANCE: +/- .003"
WEIGHT TOLERANCE: +/- 2 Grains
SIZES: **GREEN: 400, 300 Only; PINK: 500, 400 Only**

Meeting the exacting standards of Levi and Samantha Morgan, the **Name the Game XT** arrows offer a .003 straightness tolerance and the strength and durability to take what you dish out, shot after shot. Available in 500 and 400 (Pink), perfect for lighter draw weight and shorter arrows or 400 and 300 (Green) for heavier draw weights and longer arrow lengths.

NAME THE GAME™

WEIGHT SPECIFICATIONS:

Finish	500	400	300
Splash	8.6 gpi	9.4 gpi	10.9 gpi

AVAILABLE FINISHES: **Splash**


Green


Pink

BUSHINGS

.246


Pin 11.6 gr


Nock 12.6 gr

NOCKS

.246 GT Series, 11.5 gr

.246 Accu-lite*, 8.3 gr

*For use with D-Loops ONLY.

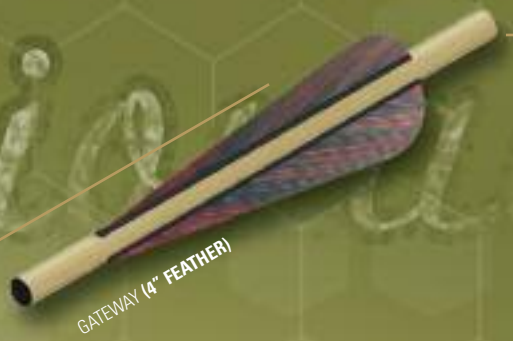
Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Traditional



GATEWAY (4" FEATHER)

Featuring the best of both worlds, 100% carbon construction and a wood grain finish that traditional bowhunters love. The Gold Tip **Traditional Hunter** shafts provide proven performance in an attractive package. Gold Tip **Traditional Hunter** shafts are built to a heavier weight that many traditional archers require, and like all Gold Tip shafts, can be customized for point weight using the F.A.C.T. system.

MODEL: Traditional Hunter

STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **1535/600, 3555/500, 5575/400, 7595/300**
AVAILABLE FINISHES:

Wood Grain

GATEWAY (4" FEATHER)

Offering a straightness tolerance of .003 the **Traditional XT** still has the great classic look, with even tighter tolerances all the way around.

MODEL: Traditional XT

STRAIGHTNESS TOLERANCE: **+/- .003"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **1535/600, 3555/500, 5575/400, 7595/300**
AVAILABLE FINISHES:

Wood Grain

Traditional WOOD GRAIN

Classic Look. Todays Performance.

Gold Tip would never forget the needs of the Traditional shooter and now offers two classic options for the leather-wall addicts out there. The look of traditional wood, with the performance and durability of today's carbon construction, the Gold Tip Traditionals will help that recurve kick it up a notch and look good doing it.

INCLUDED COMPONENTS

.246 Insert & Nocks

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Traditional WOOD GRAIN WEIGHT SPECIFICATIONS:

Finish	1535/600	3555/500	5575/400	7595/300
Wood Grain	7.8 gpi	8.6 gpi	9.3 gpi	11.0 gpi

TWISTER

With its specially twisted feather fletching coupled with its small diameter, the Twister is the new standard in high performance Flu-Flu arrow, now available in three sizes to meet the needs of a full range of hunters. Whether hunting birds or small game, the **Twister Flu-Flu** will help "put'em down and still be found."

NEW FOR 2013

MODEL:

SIZES: **500, 400, 300**

AVAILABLE FINISHES:

Black

TWISTER

Arial Acrobat.

Gold Tip's updated take on an archery classic, the Twister Flu-Flu arrow is built to take on the unforgiving challenges of small game and bird hunting. The twisted feather Flu-Flu ensures short travel and "found" arrows. Gold Tip's Smart Carbon technology provides the strength and durability to last.

INCLUDED COMPONENTS

Accu-Tough

smart carbon technology

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TWISTER

WEIGHT SPECIFICATIONS:

Finish	500	400	300
Black	7.6 gpi	9.5 gpi	10.4 gpi

BIG GAME

Heavy Hitters

Large game animals take specialized equipment, and whether you're after big-boned beasts like bear, moose, and elk - or dangerous African game, you need an arrow with as much kinetic energy as you can muster for deep penetration and immediate knockdown power. The Big Game Series from Gold Tip offers exactly what you're looking for in a heavy hitting arrow. Built to handle virtually any draw length and weight, these arrows aren't only tough, but deadly accurate with their tight weight and straightness tolerances.

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THE TOUGHEST ARROW YOU'LL EVER SHOOT

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STRAIGHTNESS TOLERANCE: **+/- .003"**
WEIGHT TOLERANCE: **+/-2 Grains**
SIZES: **250**
AVAILABLE FINISHES:

Black

The **Big Game 250** offers the added spine stiffness and weight needed to take down large game efficiently and effectively. Built to handle the higher pressures of today's performance bows, the **Big Game 250** boasts a +/- .003" straightness tolerance, assuring the accuracy you need when the moment of truth arrives.

STRAIGHTNESS TOLERANCE:
PRO **+/- .001"**, XT **+/- .003"**, HUNTER **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SIZES: **200**
MODELS: **Pro, XT, Hunter**
AVAILABLE FINISHES:

Black

As Gold Tip's ULTIMATE Big Game arrow, the **Kinetic Big Game 200** provides the supreme toughness of a 200 spine with the weight needed to knock down anything from African Cape buffalo to Alaskan moose. With its roots firmly based in the hard-hitting Kinetic family, the Big Game 200's small diameter ensures deep penetration.

Available in Pro, XT and Hunter models.

BIG GAME 250
WEIGHT SPECIFICATIONS:

Finish	250
Black	10.6 gpi

KINETIC BIG GAME 200
WEIGHT SPECIFICATIONS:

Finish	200
Black	11.6 gpi

BIG GAME 250 INCLUDED COMPONENTS

.246 Insert & Nocks

BIG GAME 200 INCLUDED COMPONENTS

Accu-Tough .204

Youth Arrows

Parents, Boy Scout leaders, NASP Instructors and Camp Directors love our youth shafts. Designed for ultimate durability and versatility, Gold Tip is proud to offer a selection of tough and accurate shafts. Gold Tip's lineup of youth arrows allow kids the chance to shoot to their potential!

Youth

Start'em Out Right

There's nothing more important than starting a youngster out with the confidence only quality equipment can provide. Gold Tip's family of youth arrows will instill that confidence to shoot with accuracy and help lead to a lifelong interest in the sport of archery. It all starts right here. And Gold Tip's going to make sure they start out safely and correctly.

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The shorter version of the Expedition Hunter 3555, the **Falcon 35** is designed for youth archers looking for their first hunting or serious target arrow. Featuring a .500" spine and .006" straightness tolerance, the **Falcon 35** provides more serious youth shooters the consistency they require.

26" full length shaft.

Gold Tip **Lightning** arrows have become a staple for Boy Scouts, summer camps and 4-H groups around the country. The **Lightning** arrows are available in two finishes and at 28" will fit the needs of most youth shooters. More consistent and much lighter than fiberglass, the **Lightning** is a great choice for a durable youth arrow.

For use in bows not exceeding 30 lbs. in draw weight.

Gold Tip's economy shaft is designed for kids who'd like to get their first taste of flinging arrows! Gold Tip's **fiberglass** shafts offer extreme durability at a low price.

For use in bows not exceeding 30 lbs. in draw weight.

FALCON

Included Components

Accu-Lite .246 Insert

12.1 gr

White

.246 GT Series Nocks

Green

Orange

LIGHTNING

Included Components

Glue In Point (pre-installed)

50 gr

White

.246 GT Series Nocks

Green

Orange

FIBERGLASS

Included Components

Glue On Point

Pink

Nocks

Green

All Fiberglass Points & Nocks are pre-installed.

2012 Tournament Results

Gold Tip proved to be a dominant force on the tournament circuit again in 2012. We had the pleasure of adding "new blood" to the Gold Tip Pro Staff, which led to deeper success in the realm of 3-D, indoor and field archery competition. From amateur levels, to the pros; local tournaments to world titles – Gold Tip has helped shooters hit the mark every step of the way and find success!

Pro men/Pro women/Pro Senior top ten finishes	227
Pro Men Top Ten	102
Top 3 in Amateur and Pro combined	308
IBO Triple Crown Champions	10
ASA Shooter of the Year Champions	7
Pro Men's "Rookie of the Year"	Justin Bethel
Pro Women's " Rookie of the Year"	Cheri Klawitter

Results are from 21 monitored tournaments supported by Gold Tip's contingency programs.

Levi Morgan
Gold Tip Pro Staff

Jesse Broadwater
Gold Tip Pro Staff

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Pro Men's 1st place wins for the year

1st ASA Monroe, LA	Levi Morgan	Triple X Pro
1st ASA Paris,TX	Jamie Jamison	Ultralight Pro X-cutter
1st ASA Augusta, GA	Levi Morgan	Triple X Pro
1st ASA Metropolis, IL	Levi Morgan	Triple X Pro
1st -1st leg IBO Triple Crown, Bedford, IN	Levi Morgan	Ultralight Pro X-cutter
1st-3rd Leg IBO Triple Crown, Marengo, OH	Levi Morgan	Ultralight Pro X-cutter
2012 ASA Shooter of the Year	Levi Morgan	Triple X Pro
2012 IBO National Triple Crown Champion	Levi Morgan	Ultralight Pro X-cutter
2012 IBO Shooter of the Year	Jack Wallace	Ultralight Pro X-cutter/Ultralight Series 22 Pro
1st World Archery Festival Champion(Vegas)	Jesse Broadwater	Triple X Pro
NFAA Indoor National Champion	Levi Morgan	Pro Hunter 7595
NFAA Dakota Classic Champion	Tim Gillingham	Kinetic 300
NFAA Unmarked 3-D National Champions	Tim Gillingham	Ultralight Pro 30X
NFAA 3-Star tour Car Shootoff	Paul Tedford	Ultralight Pro 400
NFAA National Field Archery Champion	Jesse Broadwater	Ultralight Pro 400
NFAA Pro Men's Shooter of the Year	Jesse Broadwater	Ultralight Pro 400/Triple X Pro
NAA World Field Champion	Jesse Broadwater	Ultralight Pro 500

Chance Beaubouef

Gold Tip Pro Staff

Precision Target Arrows

Jesse Broadwater
Won the FITA World Championship using the Ultralight Pro

There is really only one way to describe Gold Tip's lineup of target shafts — DOMINANT! As has been the case in previous years, 2012 saw Gold Tip shooters continually besting the competition across all fronts of tournament archery. Gold Tip's Smart Carbon® Technology creates target shafts that are second to none in terms of construction, consistency, tolerances and straightness retention. Simply put, at Gold Tip we have engineered a lineup of target shafts designed to win.

ULTRALIGHT

Tournament Tested. Shooter Approved.

The Ultralight line of target arrows offer the target archer the perfect arrow option for any level of ability; from the accurate, yet forgiving, beginner-level Entrada; to the performance-packed Pro. With a wide range of spines, from 600 to 300, and multitude of available components, the Ultralights can be customized to your personal needs for optimum accuracy.

smart carbon technology

THE TOUGHEST ARROW YOU'LL EVER SHOOT

CAUTION! FLEX IT FIRST®

INCLUDED COMPONENTS

.246 Insert & Nocks

Included components are for the ENTRADA ONLY.

INSERTS

.246 Threaded

F.A.C.T. SYSTEM

Modules

POINTS

Standard .246 Glue In

Standard 5/16 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

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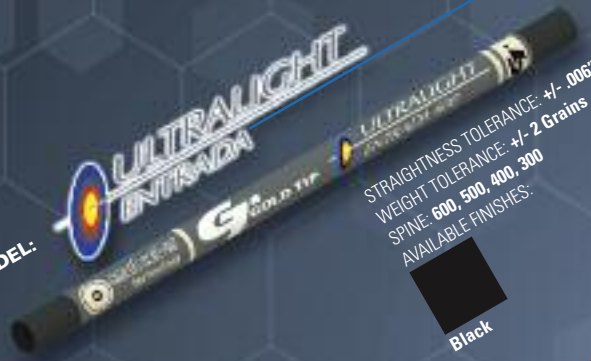
LIGHT



MODEL:

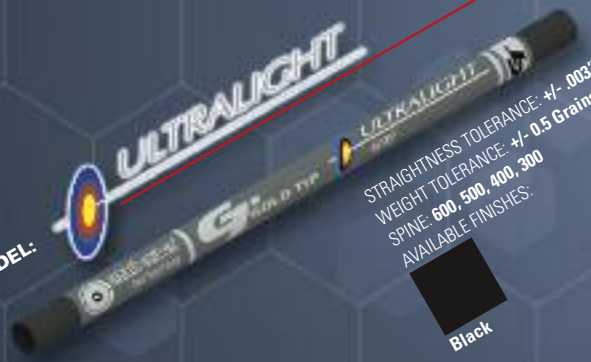
STRAIGHTNESS TOLERANCE: **+/- .006"**
WEIGHT TOLERANCE: **+/- 2 Grains**
SPINE: **600, 500, 400, 300**
AVAILABLE FINISHES:

Black

HP-2 **(2" VANE)**

VMAX-4 **(4" VANE)**

Designed as an entry-level lightweight target shaft, the **Ultralight Entrada** is one of our most popular target shafts for beginning target archers and is especially useful for youth shooters. The **Ultralight Entrada** gives nothing up in terms of durability and straightness retention, but comes with a smaller price tag.



MODEL:

STRAIGHTNESS TOLERANCE: **+/- .003"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **600, 500, 400, 300**
AVAILABLE FINISHES:

Black

SUPER SPINE **(1.8" VANE)**

Sold as shaft only, all components sold separately.

Using Gold Tip's Smart Carbon Technology, the **Ultralight** shaft features a .003" straightness tolerance along with the industry's best weight tolerance.

MODEL:

WON: 2012 NFAA National Filed Championship — Jesse Broadwater

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **600, 500, 400, 300**
AVAILABLE FINISHES:

Black

SUPER SPINE **(1.8" VANE)**

Sold as shaft only, all components sold separately.

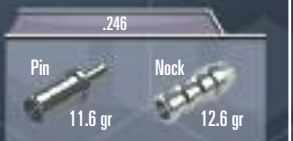
Featuring super tight weight and straightness tolerances and built for blazing speed, the **Ultralight Pro** is the premier shaft in the Ultralight line. Available in four spine sizes ranging from .600" to .300" the options for use with the **Ultralight Pro** are virtually limitless. The consistency and straightness retention characteristics of this shaft make it a popular choice from 3-D to FITA.

ULTRALIGHT WEIGHT SPECIFICATIONS:

Finish	600	500	400	300
Black	5.7 gpi	6.3 gpi	7.4 gpi	8.5 gpi

BUSHINGS

.246



NOCKS

.246 GT Series, 11.5 gr

.246 Accu-lite*, 8.3 gr

*For use with D-Loops ONLY.

Bohning F*, 5.8 gr

*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Series22

Delivering More – With Less

The Ultralight Series 22 and Ultralight Series 22 Pro are a perfect choice for those 3-D archers who don't want to pull the extra weight required to get the larger shafts up to speed or just don't have the draw length to physically make it happen. Built with Gold Tip's unique Smart Carbon® Technology and at only 7.3 grains per inch, they are some of the most popular lightweight 3-D shafts on the market today.

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Chance Beaubouef

Shoots the Ultralight Series 22 Pros at the IBO National Championships

INSERTS

Threaded

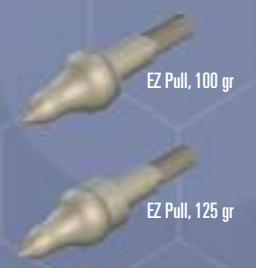
F.A.C.T. SYSTEM

Modules

POINTS

Series 22 Glue In

Standard 11/32 Screw In



All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

Precision Target Arrows 24

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MODEL:

STRAIGHTNESS TOLERANCE: **+/- .005"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **300**
AVAILABLE FINISHES:

Black

SWIFT **(2.25" VANE)**

Sold as shaft only, all components sold separately.

The **Ultralight Series 22** is the .005" straightness version of the Ultralight Series 22 Pro, designed for the budget-minded archer. The **Ultralight Series 22** features the same Smart Carbon Technology and provides top-notch durability.

MODEL:

WIN: 2012 IBO Shooter of the Year
— Jack Wallace

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **300**
AVAILABLE FINISHES:

Black

SWIFT **(2.25" VANE)**

Sold as shaft only, all components sold separately.

The **Ultralight Series 22 Pro** is built with Gold Tip's Smart Carbon Technology, providing with it the ultimate in durability, consistency, and straightness retention. With industry leading straightness and weight tolerances and at only 7.3 grains per inch, the **Ultralight Series 22 Pro** is one of the most popular 3-D arrow choices anywhere in the world. FITA legal with an outside diameter of .337", the **Ultralight Series 22 Pro** has been in the quiver of many top pros on the way to a number of indoor FITA world titles.

Series22

WEIGHT SPECIFICATIONS:

Finish	Series 22 and 22 Pro
Black	7.3 gpi

BUSHINGS

Series 22

Pin	Nock
13 gr	8.5 gr

NOCKS

Series 22, 13.2 gr

.246 GT Series, 11.5 gr

*Requires Nock Bushing

.246 Accu-lite®, 8.3 gr

*D-Loops ONLY
*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Tim Gillingham and Levi Morgan

Shoot the Ultralight X-Cutter Pros at the IBO National Championship

X-Cutter

Fat Shaft Perfection

The wide diameter X-Cutters have grown to become a favorite choice of 3-D archery shooters worldwide. Coming in at just 7.8 gpi, these "fat shafts" provide line-cutting performance without added weight. The exacting tolerances, down to +/- .001 straightness, help make the X-cutters fast, accurate, and consistent – shot after shot.

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F.A.C.T. SYSTEM

Modules

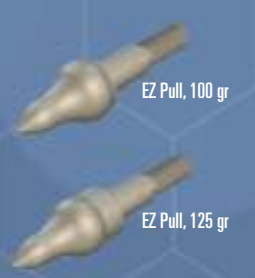
INSERTS

Threaded

POINTS

X-Cutter Glue In

Standard 11/32 Screw In



All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

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utter

MODEL: ULTRALIGHT X-CUTTER

STRAIGHTNESS TOLERANCE: **+/- .005"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.250**
AVAILABLE FINISHES:

Black

V-MAX **(2.5" VANE)**
Sold as shaft only, all components sold separately.

Featuring the same construction and diameter as the Ultralight X-Cutter Pro, the **Ultralight X-Cutter** provides archers the option of a lower priced shaft that gives nothing up in terms of durability or straightness retention.

MODEL: X-PRO Cutter

WIN: 2012 IBO National Triple Crown Champion —Levi Morgan

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.250**
AVAILABLE FINISHES:

Black

V-MAX **(2.5" VANE)**
Sold as shaft only, all components sold separately.

The **Ultralight X-Cutter Pro** was Gold Tip's first large diameter shaft and using Gold Tip's Smart Carbon Technology has become one of the most consistent winners in the 3-D World today. At only 7.8 grains per inch and with an outside diameter of .380" the **Ultralight X-Cutter Pro** is the ammunition of choice for many of the world's finest 3-D archers and has many ASA and IBO world titles to its credit.

*X*Cutter

WEIGHT SPECIFICATIONS:

Finish	X-Cutter and X-Cutter Pro
Black	7.8 gpi

BUSHINGS

X-Cutter

Pin	Nock
17.4 gr	15.6 gr

NOCKS

X-Cutter GT, 15.8 gr

.246 GT Series*, 11.5 gr

*Requires Nock Bushing

.246 Accu-lite*, 8.3 gr

*D-Loops ONLY
*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Tim Gillingham

Shoots the Ultralight Pro 30x for the NFAA Unmarked 3-D Championships

30X

Home on the Range

The 30X and 30X Pro, with their .398 diameter, provide the line-cutting performance of a large shaft, without sacrificing a bit of speed. Favored among 3-D shooters, the 30X and 30X Pro feature a stiffer .200 spine. Engineered with Smart Carbon® Technology, the 30X line is built Gold Tip-tough, while sporting some of the industry's leading straightness and weight tolerances.

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INSERTS

Threaded

30X, 40.2 gr

F.A.C.T. SYSTEM

Modules

10 gr

20 gr

50 gr

POINTS

30X Glue In

50 gr

100 gr

150 gr

Standard 11/32 Screw In

EZ Pull, 100 gr

EZ Pull, 125 gr

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

Precision Target Arrows 28

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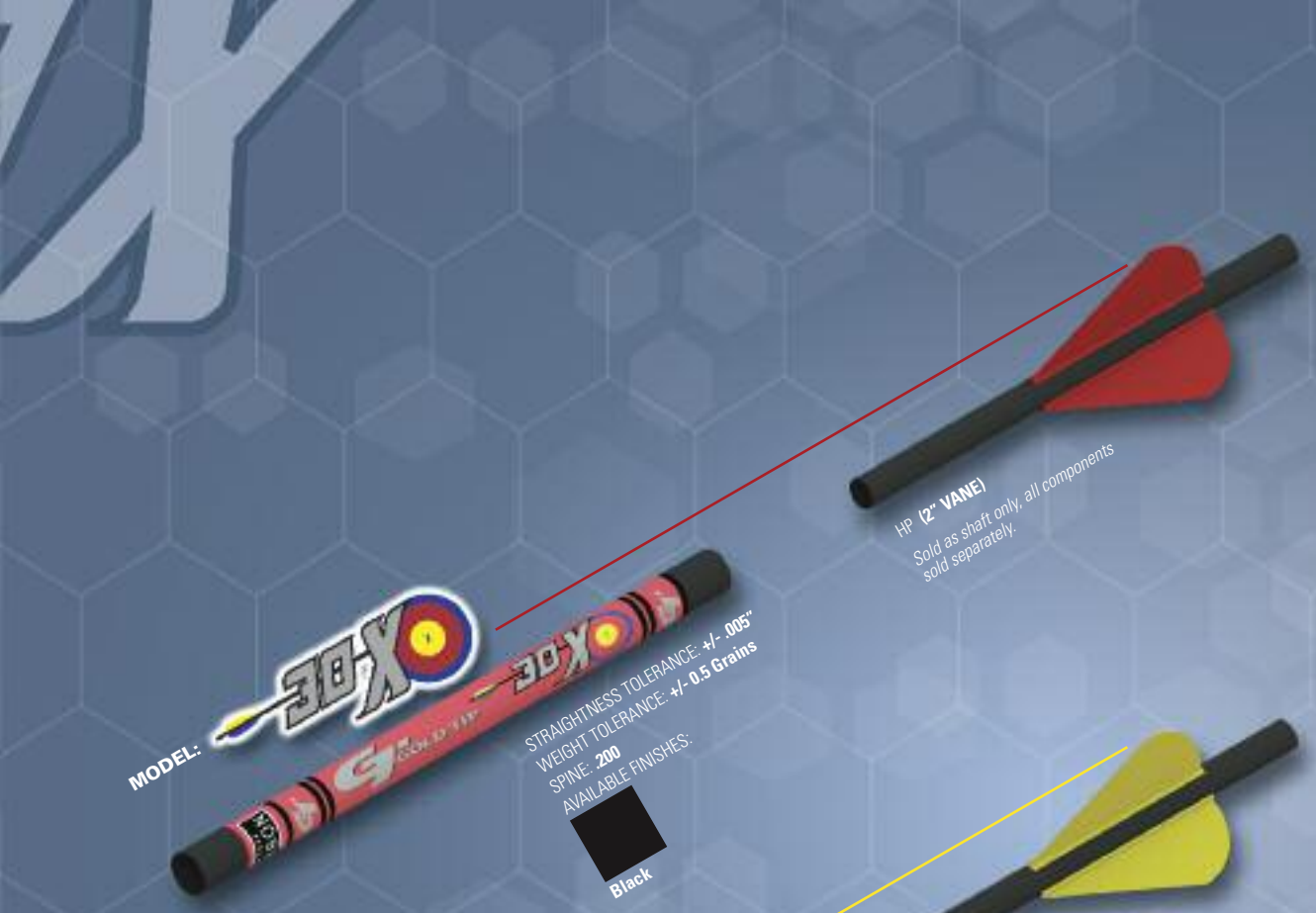

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .005"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.200**
AVAILABLE FINISHES:

Black

HP **(2" VANE)**
Sold as shaft only, all components sold separately.

The economical cousin of the Ultralight Pro 30X, the **Ultralight 30X** provides similar performance with a smaller price tag.

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.200**
AVAILABLE FINISHES:

Black

HP **(2" VANE)**
Sold as shaft only, all components sold separately.

The **Ultralight 30X Pro** is at home on the 3-D circuit. With an outside diameter of .398" and at only 8.5 grains per inch, this arrow will give archers the speed they desire without having to sacrifice diameter. As with all Gold Tip Pro Series shafts, the **Ultralight 30X Pro** shafts feature industry leading straightness and weight tolerances.

WIN: 2012 NFAA Unmarked 3-D National Champion —Tim Gillingham

30X

WEIGHT SPECIFICATIONS:

Finish	30X and 30X Pro
Black	8.5 gpi

BUSHINGS

30X

NOCKS

30X GT, 14.4 gr

.246 GT Series*, 11.5 gr

*Requires Nock Bushing

.246 Accu-lite*, 8.3 gr

*D-Loops ONLY
*Requires Nock Bushing

Standard Pin, 6.1 gr

HD Pin, 2.4 gr

Levi Morgan

Shoots the Triple X Pros at the ASA Pro/Am 3-D show

Triple X

King Cutter – Indoor Extraordinaire

Featuring our largest diameter, at .421," the Triple X and Triple X Pro have taken the indoor tournament world by storm – and made a name for themselves on the 3-D circuit, as well. The .150 spine offers incredible durability and accuracy. Engineered with Gold Tip's Smart Carbon® Technology, the Triple X arrows provide exceptional straightness retention, with tolerances and tight as +/- .001 (Pro).

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F.A.C.T. SYSTEM

Modules

POINTS

Triple X Glue In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

MODEL: TRIPLE X

STRAIGHTNESS TOLERANCE: **+/- .005"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.150**
AVAILABLE FINISHES:

Black

SWIFT **(2.8" VANE)**

Sold as shaft only, all components sold separately.

Featuring the same Smart Carbon Technology as the Triple X Pro, the **Triple X** is the ideal choice for the archer on a budget who still seeks the benefit of the largest carbon shaft available on the market. *Pro Tip:* Try cutting this shaft from both ends when cutting for length, as you may find this to improve accuracy.

MODEL: TRIPLE X Pro Series

WIN! 2012 ASA Shooter of the Year
—Levi Morgan

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
SPINE: **.150**
AVAILABLE FINISHES:

Black

SWIFT **(2.8" VANE)**

Sold as shaft only, all components sold separately.

At the maximum diameter allowed in tournament archery today of .421", the **Triple X Pro** is quickly being hailed as the best indoor target arrow in the world. At only 9.3 grains per inch, the **Triple X Pro** is also being recognized as a remarkable 3-D arrow. The **Triple X Pro** is simply the most durable and accurate line-cutter on the market.

TRIPLE X
WEIGHT SPECIFICATIONS:

Finish	Triple X and Triple X Pro
Black	9.3 gpi

BUSHINGS

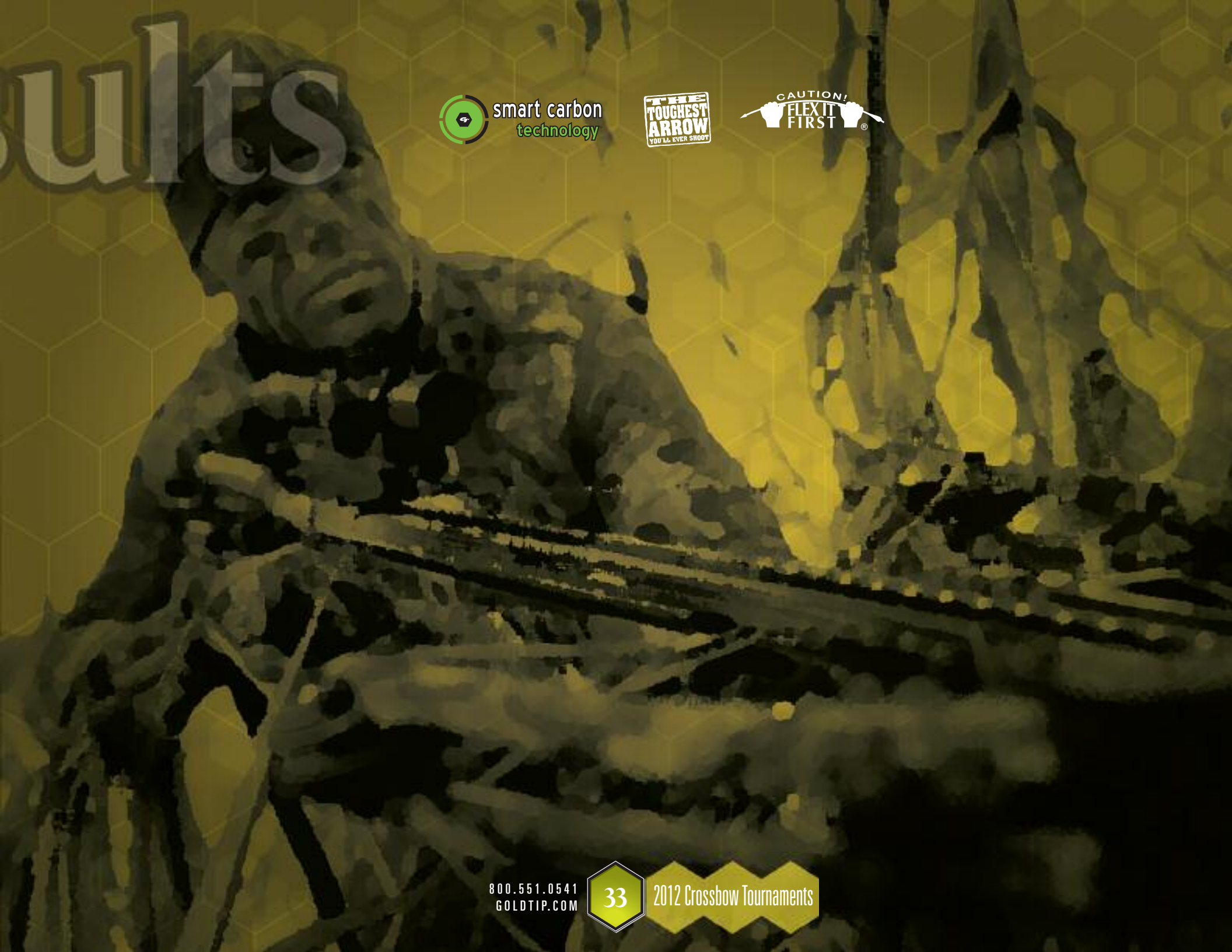
NOCKS

2012 Crossbow Tournaments

Gold Tip's crossbow bolts deliver exactly what you would expect from the leader in carbon arrow construction. Our expansive crossbow bolt lineup features unmatched durability, accuracy, and performance. Gold Tip bolts are the right choice no matter the crossbow as evidenced in Gold Tip's domination of ASA and IBO Tournaments in 2012!

Crossbow wins in 2012

ASA Louisiana Pro/Am	Rowdy Givens	Laser II
ASA Texas Pro/Am	John Johnston	Laser II Pro
ASA Illinois Pro/Am	Rowdy Givens	Laser II
ASA Shooter of the Year	John Johnston	Laser II Pro
IBO National Triple Crown, Bedford, IN	Roy Meditz	Laser II Pro
IBO National Triple Crown, Erie, PA	Michael Tenely	Laser II
IBO National Triple Crown, Marengo, OH	Michael Tenely	Laser II
IBO World Champion	Michaels Tenely	Laser II
IBO Triple Crown Champion	Fred Flati	Laser III Pro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33
2012 Crossbow Tournaments

Crossbow Bolts

At Gold Tip, we didn't just set out to design cross bow bolts that fulfilled a need – we set out to engineer the BEST. Each Gold Tip cross bow bolt is built upon the ground-breaking Smart Carbon® Technology, which ensures durability, straightness retention and incredible accuracy. As the market continues to expand and cross bow technology changes and improves, Gold Tip offers a bolt to meet your needs and help deliver every bit of speed, power, and penetration out of your equipment.

LASER II LASER III

A Better Bolt

The Laser II and III have fast become one of the most versatile cross bow bolts throughout the market. Offering unmatched straightness tolerances and superb accuracy, the Laser II and III are helping archers get every ounce of performance out of their cross bows. Available in multiple lengths and nocking options, the Laser II and III give archers the flexibility to build the bolt that best matches the performance needs of their individual cross bow.

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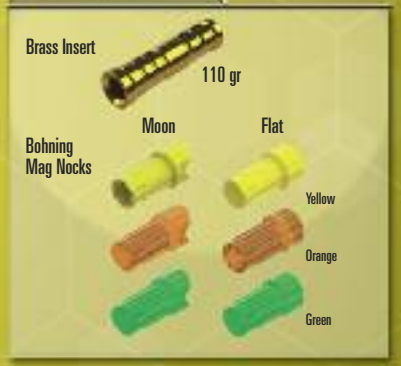
INCLUDED COMPONENTS

Laser II & III



INSERTS

Threaded

F.A.C.T. SYSTEM

Modules

POINTS

Standard 11/32 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

The **Laser II** Is Gold Tip's most popular bolt choice and has been a staple among crossbow archers for many years. Available in 20" or 22" lengths and with multiple nocking options, the **Laser II** is as versatile as it is consistent. The **Laser II Pro Series** features a .001" straightness tolerance and industry leading weight tolerances, providing unmatched overall performance for the most discerning crossbow archers.

LASER II

FINISHED WEIGHT SPECIFICATIONS:

20"	Moon or Flat - Composite - 4" vanes	398 gr
20"	Moon or Flat - Composite - 2" vanes	385 gr
22"	Moon or Flat - Composite - 4" vanes	413 gr
22"	Moon or Flat - Composite - 2" vanes	400 gr

WEIGHT SPECIFICATIONS:

Finish	Laser II /Laser II Pro
Black	7.5 gpi

The Gold Tip **Laser III** bolt is built to a weight that falls in between the laser II and the Laser IV bolt offerings, creating another option for crossbow shooters who are looking for optimal performance. The **Laser III**, as well as the all-new .001" straightness tolerance **Laser III Pro**, feature Gold Tip's Smart Carbon Technology for unmatched durability and straightness retention.

LASER III

FINISHED WEIGHT SPECIFICATIONS:

20"	Moon or Flat - Composite - 4" vanes	418 gr
20"	Moon or Flat - Composite - 2" vanes	405 gr
22"	Moon or Flat - Composite - 4" vanes	435 gr
22"	Moon or Flat - Composite - 2" vanes	422 gr

WEIGHT SPECIFICATIONS:

Finish	Laser III/Laser III Pro
Black	8.5 gpi

NOCKS

Bohning Mag Moon

8.2 gr

Bohning Mag Flat

9.2 gr

Aluminum

39 gr

20 gr

LASER IV

Boss Bolt

The Laser IV was engineered to be our most stable and accurate cross bow bolt. Centered around our Smart Carbon® Technology, the Laser IV is designed to handle the awesome power delivered by today's high performance cross bows. The heavier weight of the Laser IV also means higher kinetic energy for better penetration and knock down power. These are flat shooting, hard hitting bolts that make quick work of big game.

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THE TOUGHEST ARROW YOU'LL EVER SHOOT

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INCLUDED COMPONENTS

Laser IV

Insert
Brass, 60 gr

Aluminum Nocks*
Moon, 23 gr
Flat, 20 gr

*Customer can choose from either the Moon Aluminum Nock **OR** the Flat Aluminum Nock.*

INSERTS

Threaded

Aluminum
22.5 gr

F.A.C.T. SYSTEM

Modules

10 gr
20 gr
50 gr

POINTS

Standard 11/32 Screw In

EZ Pull, 100 gr
EZ Pull, 125 gr

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

LASER IV

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .005"**
WEIGHT TOLERANCE: **+/- 2 Grains**
AVAILABLE FINISHES:

Black

HP **(2" VANE)**

VMAX **(4" VANE)**

MODEL:

STRAIGHTNESS TOLERANCE: **+/- .001"**
WEIGHT TOLERANCE: **+/- 0.5 Grains**
AVAILABLE FINISHES:

Black

HP **(2" VANE)**

VMAX **(4" VANE)**

Gold Tip's **Laser IV** bolt has been designed to keep up with today's fastest and most powerful crossbows. The **Laser IV** features the same versatility as the Laser II and Laser III, but in a heavier weight and stiffer spine to increase kinetic energy and withstand the rigors of today's high performance crossbows. Also available is the all-new **Laser IV Pro**, which brings all the toughness and durability of the standard **Laser IV** with a .001" straightness tolerance.

LASER IV

FINISHED WEIGHT SPECIFICATIONS:

20"	Moon or Flat - Aluminum - 4" vanes	490 gr
20"	Moon or Flat - Aluminum - 2" vanes	477 gr
22"	Moon or Flat - Aluminum - 4" vanes	518 gr
22"	Moon or Flat - Aluminum - 2" vanes	504 gr

WEIGHT SPECIFICATIONS:

Finish	Laser IV /Laser IV Pro
Black	13.9 gpi

NOCKS

Laser IV Aluminum

Specialty Crossbow Bolts

Spec

CRUSADER

LASER apg

The Looks That Kill

NEW for 2013, the specialty cross bow bolts from Gold Tip offer top-of-the-line form and function. Engineered to handle the pressures of todays high-end crossbows, each bolt offers archers incredible durability, accuracy and straightness retention thanks to Gold Tip's proprietary Smart Carbon® Technology.

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INSERTS

Threaded

CRUSADER INCLUDED COMPONENTS

Aluminum

F.A.C.T. SYSTEM

Modules

APG CAMO INCLUDED COMPONENTS

Laser II & III

POINTS

Standard 11/32 Screw In

All points and inserts are designed to accept Gold Tip's F.A.C.T. system, allowing you to customize your arrows Front Of Center balance (FOC).

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cialty

NEW FOR 2013

MODEL: CRUSADER

STRAIGHTNESS TOLERANCE: +/- .005"
WEIGHT TOLERANCE: +/- 2 Grains
AVAILABLE FINISHES:

Black

Lost AT

HP (2" VANE)

VMAX (4" VANE)

The NEW **Crusader** cross bow bolt was engineered to specifically compliment the all new MXB-360 cross bow, from Mission Archery. With tight weight and straightness tolerances, this is one bolt that will get the most out of your next Mission.

CRUSADER

FINISHED WEIGHT SPECIFICATIONS:

22"	Moon ONLY - Aluminum - 4" vanes	403 gr
22"	Moon ONLY - Aluminum - 2" vanes	389 gr

WEIGHT SPECIFICATIONS:

Finish	Crusader
Black	8.4 gpi

NEW FOR 2013

MODEL: LASERapg

STRAIGHTNESS TOLERANCE: +/- .005"
WEIGHT TOLERANCE: +/- 2 Grains
AVAILABLE FINISHES:

APG

HP (2" VANE)

VMAX (4" VANE)

The NEW **APG** Cross Bow Bolt, is engineered to provide the durability and accuracy today's archers demand. With its assortment of available components, archers can customize their bolt to suit the specific needs of their cross bow. The NEW camo finish adds style to this high performance bolt.

LASERapg

FINISHED WEIGHT SPECIFICATIONS:

20"	Moon or Flat - Aluminum - 4" vanes	414 gr
20"	Moon or Flat - Aluminum - 2" vanes	401 gr
22"	Moon or Flat - Aluminum - 4" vanes	431 gr
22"	Moon or Flat - Aluminum - 2" vanes	417 gr

WEIGHT SPECIFICATIONS:

Finish	APG
Black	8.4 gpi

NOCKS

Bohning Mag Moon

Yellow
Orange
Green
8.2 gr

Bohning Mag Flat

Yellow
Orange
Green
9.2 gr

Aluminum

Moon
39 gr
Flat
20 gr

Mesh Pink

Gold Tip's Logowear

The Gold Tip brand has played a dominant role in today's tournament wins and trophy takedowns across the country and around the world. It's become a name synonymous with success. Let the world know what you shoot. Wear Gold Tip.

APPAREL: **T-SHIRTS**
STYLES: **Short Sleeve**
SIZES: **Small thru XLarge**
AVAILABLE COLORS: **Black, Brown, Gold**

AREL

APPAREL: **T-SHIRTS**
STYLES: **Long Sleeve**
SIZES: **Small thru 3X**
AVAILABLE COLORS: **Black, Brown, Gold**

NEW FOR 2013

APPAREL: **SHOOTERS-SHIRTS**
STYLES: **Long Sleeve**
SIZES: **Small thru 3X**

HATS

Gold Tip

Camo

Camo

Mesh Camo

Visor
Black

All hats are adjustable.

Arrow Selection Chart

Length of Arrow

Draw Weight	COMPOUND BOW 23"	24"	25"	26"	27"	28"	29"	30"	31"	32"	TRADITIONAL BOW 23"	24"	25"	26"	27"	28"	29"	30"	31"	32"
30-34	1	1	1	1	1	1	1	2	2		1	1	1	1	1	1	1	2	2	
35-39	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	2	2	2
40-44	1	1	1	1	1	2	2	2	2	3	1	1	1	1	1	2	2	2	3	3
45-49	1	1	1	2	2	2	2	3	3	3	1	1	1	2	2	2	3	3	3	3
50-54	1	1	1	2	2	3	3	3	3	4	1	1	2	2	3	3	3	3	3	4
55-59	1	2	2	2	3	3	3	3	4	4	1	2	2	3	3	3	3	4	4	4
60-64	2	2	2	3	3	3	4	4	4	4	2	2	3	3	3	4	4	4	4	4
65-69	2	3	3	3	3	4	4	4	5	5	2	3	3	3	4	4	4	4	5	5
70-74	3	3	3	4	4	4	5	5	5	6	3	3	3	4	4	4	5	5	5	6
75-79	3	3	4	4	4	5	5	6	6	6	3	4	4	4	4	5	5	5	6	6
80-84	4	4	4	4	5	5	6	6	6	6	4	4	4	4	5	5	5	6	6	6
85-89	4	4	5	5	5	6	6	6	7	7	4	4	5	5	5	6	6	6		
90-94	5	5	5	6	6	6	6	7	7	8	4	5	5	5	6	6	6			
95-100	5	5	6	6	6	6	7	7	8	8	5	5	5	6	6	6				

KEY

1 600 Spine | 3 400 Spine | 5 300 Spine | 7 200 Spine

2 500 Spine | 4 340 Spine | 6 250 Spine | 8 150 Spine

Step 1: Find your draw weight in the chart.

Step 2: Determine the length of your arrow by measuring from the throat of the nock to the end of the insert.

Step 3: Find the correct group number in the shaft selection chart.

Step 4: Find your appropriate spine selection for your bow and use the detail arrow specifications chart on the next page to see which shafts are available in your spine.

Arrow length is measured from the throat of the nock to the end of the insert.

If you are shooting a longer broadhead than field point, you may want to choose a slightly stiffer shaft.

Compound Bows - With Release Aid

Note: With a compound bow and release aid it is acceptable to use a shaft that is stiffer than indicated on the selection chart. This is particularly true if you want to shoot a large diameter shaft for target and 3-D archery. When in doubt, choose a stiffer arrow shaft.

1. For compound bows with IBO speed rating between 290-315 FPS shot with a release aid, use the selection chart as specified.
2. For compound bows with IBO speed rating between 315-350 FPS shot with a release aid, choose at least one box to the stiffer side (to the right) for your recommended arrow. Example: If you have a setup that is 72 lbs and arrow that is 29" long you will need to use a group 5 arrow shaft.
3. For compound bows with IBO speed rating under 290 FPS shoot with a release aid, choose one box to the weaker side (to the left) for your recommended arrow. Example: If you have a setup that is 58 lbs and arrow that is 27" long you will need to use a group 2 arrow shaft.

Compound Bows - With Finger Release

When shooting finger release, start by selecting an arrow 2 boxes to the weaker side (to the left). Start with the arrow 1" longer than you selected and cut it down 1/4" at a time until you have a perfectly tuned shaft using the bare shaft tuning method outlined in the back of the Gold Tip product catalog and the Arrow University section of the Gold Tip website (www.goldtip.com).

Traditional Recommendations

1. If you are shooting a recurve/longbow, first establish the draw weight of the bow at the length you draw it to. This is best accomplished by bringing the bow to full draw and having a friend mark the arrow where it intersects the outside of the riser.
2. Next, draw the bow with a bow scale to your mark to simulate holding it at full draw. Note draw weight at full draw. You can then accurately use the selection chart as indicated below. Arrow length should be measured from the throat of the nock to the end of the insert, not necessarily from the mark you made to measure your draw weight. It is recommended that your finished arrow be at least 1" longer than the mark you made to establish your draw weight.
3. For either longbow or recurve, start with the arrow at least 1" longer than your desired finished arrow and cut the shaft down 1/4" at a time until you establish a perfect tune using the bare shaft tuning guide outlined in the back of the Gold Tip product catalog or in the Arrow University section of the Gold Tip website (www.-goldtip.com). You can use the Gold Tip weight system to fine tune the spine reaction and increase the mass weight of the arrow.

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Detailed Arrow Specifications

*32" Available Upon Request

HUNTING	PRO	XT	EXPEDITION/HUNTER						
Arrow Shaft Family & Size	(+/-.001)	(+/-.003)	(+/-.006)	Finish	Grains per Inch	Spine	Available Length	O.D.	I.D.
Hunter 3555/500	x	x	x	Black	7.4	.500"	30"	.291"	.246"
Hunter 3555/500	x	x	x	Camo - APG or Lost	8.2	.500"	30"	.296"	.246"
Hunter 5575/400	x	x	x	Black	8.2	.400"	32"	.295"	.246"
Hunter 5575/400	x	x	x	Camo - APG or Lost	9	.400"	32"	.298"	.246"
Hunter 7595/340	x	x	x	Black	8.9	.340"	32"	.300"	.246"
Hunter 7595/300	x	x	x	Camo - APG or Lost	10.9	.300"	32"	.310"	.246"
Hunter 300	x	x	x	Black	9.2	.300"	32"	.302"	.246"
Hunter 250 - Big Game		x		Black	10.6	.250"	32"	.308"	.246"
Velocity 600	x	x	x	Black	5.7	.600"	30"	.280"	.246"
Velocity 500	x	x	x	Black	6.3	.500"	30"	.284"	.246"
Velocity 400	x	x	x	Black	7.4	.400"	32"	.290"	.246"
Velocity 340	x	x	x	Black	8.2	.340"	32"	.295"	.246"
Velocity 300	x	x	x	Black	8.5	.300"	32"	.296"	.246"
Kinetic 500	x	x	x	Black	7.6	.500"	30"	.258"	.204"
Kinetic 400	x	x	x	Black	9.5	.400"	30"	.270"	.204"
Kinetic 300	x	x	x	Black	10.4	.300"	30"	.275"	.204"
Kinetic 200 - Big Game	x	x	x	Black	11.6	.200"	30" (32")*	.281"	.204"
Traditional 1535/600		x	x	Wood Grain	7.8	.600"	30"	.296"	.246"
Traditional 3555/500		x	x	Wood Grain	8.6	.500"	32"	.297"	.246"
Traditional 5575/400		x	x	Wood Grain	9.3	.400"	32"	.302"	.246"
Traditional 7595/300		x	x	Wood Grain	11	.300"	32"	.311"	.246"
Ted Nugent Zebra Stripe 3555/500			x	White - Green - Pink	8.4	.500"	30"	.299"	.246"
Ted Nugent Zebra Stripe 5575/400			x	White - Green - Pink	9.3	.400"	32"	.304"	.246"
Ted Nugent Zebra Stripe 7595/300			x	White - Green	10.8	.300"	32"	.310"	.246"
Name The Game Splash 500		x	x	Pink Splash	8.6	.500"	30"	.299"	.246"
Name The Game Splash 400		x	x	Pink or Green Splash	9.4	.400"	32"	.302"	.246"
Name The Game Splash 300		x	x	Green Splash	10.9	.300"	32"	.312"	.246"
Twister Flu-Flu 500				Black	7.6	.500"	30"	.258"	.204"
Twister Flu-Flu 400				Black	9.5	.400"	30"	.270"	.204"
Twister Flu-Flu 300				Black	10.4	.300"	30"	.275"	.204"
Falcon Youth			x	Black	7.4	.500"	26"	0.293	.246"
Lightning Youth				Black or Camo	n/a	n/a	28" (30")*	n/a	.246"
Fiberglass Youth				Black or Pink	n/a	n/a	29"	n/a	n/a

TARGET	PRO	STANDARD	ENTRADA						
Arrow Shaft Family & Size	(+/-.001)	(+/-.005)	(+/-.006)	Finish	Grains per Inch	Spine	Available Length	O.D.	I.D.
Ultralight 600	x	x	x	Black	5.7	.600"	30"	.280"	.246"
Ultralight 500	x	x	x	Black	6.3	.500"	30"	.284"	.246"
Ultralight 400	x	x	x	Black	7.4	.400"	32"	.290"	.246"
Ultralight 300	x	x	x	Black	8.5	.300"	32"	.296"	.246"
Ultralight Series 22	x	x		Black	7.3	.300"	30" (32")*	.337"	.300"
Ultralight X-Cutter	x	x		Black	7.8	.250"	30" (32")*	.380"	.344"
Ultralight 30X	x	x		Black	8.5	.200"	30" (32")*	.398"	.360"
Ultralight Triple X	x	x		Black	9.3	.150"	30" (32")*	.421"	.383"

CROSSBOW BOLTS	PRO	STANDARD						
Bolt Shaft Family & Size	(+/-.001)	(+/-.005)	Finish	Grains per Inch	Spine	Available Length	O.D.	I.D.
Laser II	x	x	Black	7.5	n/a	20" or 22"	.337"	.300"
Laser III	x	x	Black	8.5	n/a	20" or 22"	.343"	.300"
Laser IV	x	x	Black	13.9	n/a	20" or 22"	.348"	.272"
Laser APG		x	Realtree APG	8.3	n/a	20" or 22"	.345"	.300"
Crusader		x	Mathews Lost AT	8.4	n/a	22"	.344"	.300"

Arrow Assembly

Gold Tip arrows are not only the best performing arrows on the market; they are also the most user-friendly. With proper care and by adhering to the assembly instructions below you will find Gold Tip shafts quick and easy to assemble in any configuration you desire.

Arrow Cutting

Use only a high speed, abrasive wheel cutoff saw that is designed specifically for cutting arrow shafts. Use of any other method could result in damage to the shaft. It is recommended that your arrow shaft be cut at least one inch in front of the arrow rest at full draw. Arrows that are cut too short can be drawn past the arrow rest which could result in the arrow falling from the string, jamming, or otherwise causing damage to the arrow or the bow, and could even lead to personal injury. Never shoot an arrow that is less than one inch past the arrow rest at full draw.

Tip from the Pros: Try cutting arrow shafts on both ends to improve straightness. Straightness flaws in carbon arrows are typically found on the ends. Cutting both ends will often lead to better straightness and thus, better accuracy.

Installing Inserts

→ Read Warning and First Aid instructions on Tip Grip bottle before use.

→ Wear safety glasses.

→ Do not handle inserts by gluing surfaces as doing so may lead to improper adhesion. Disposable gloves are recommended.

→ Use only TIP GRIP adhesive to install inserts. Do not use hot melt glue on carbon arrows.

Step 1: Clean inside of shaft to a depth of 1 inch with clean water on a cotton swab to remove debris. Allow to dry.

Step 2: Apply TIP GRIP adhesive to insert using three generous lines evenly spread and length wise along the flats of the insert.

Step 3: Install insert into shaft and rotate slowly one full turn while doing so.

Step 4: With a clean cloth immediately wipe off any excess glue from the shaft and insert.

Step 5: Allow 24 hours for adhesive to cure before shooting. Shooting before adhesive has fully cured could result in the loss of inserts.

Tip - A field point can be used as a handle to help with the installation of an insert.

For more information visit www.goldtip.com

Installing Nocks

Gold Tip GT Series, Accu-lite, and Accu-Tough Nocks are designed to fit snugly without the use of adhesive. Simply press the nock into the shaft until fully seated and rotate to achieve correct vane orientation.

Gold Tip Pin Nocks and HD Pin Nocks are designed to fit snugly over a pin nock bushing without the use of adhesive. After following the instructions for installing a Gold Tip pin nock bushing (see below), simply press the nock onto the pin until fully seated and rotate to achieve correct vane orientation.

Gold Tip Pin Nock Bushings are used in conjunction with a pin nock or HD pin nock. The bushings can be glued in using Tip Grip adhesive or pressed in using plastic or Teflon tape.

Tip from the Pros: Instead of using glue, press your pin nock bushing into the shaft through a piece of plastic grocery bag, or wrap the bushing with Teflon tape prior to pressing it in the shaft. This will allow the bushing to fit tightly without rotating and at the same time, it will allow you to replace the bushing in the event it becomes damaged. If the pin is damaged after being glued in it is very difficult and sometimes not even possible to remove the damaged pin without damaging the shaft.
(see photos below)

Safety Information

OVERDRAW WARNING: THE USE OF AN OVERDRAW THAT ALLOWS A SHOOTER TO DRAW THE POINT OF THE ARROW PAST THE SHELF OF THE BOW SIGNIFICANTLY INCREASES THE RISK OF INJURY TO THE SHOOTER. When using a bow equipped with an overdraw the arrow should always be cut to a minimum of one inch in front of the arrow rest at full draw. Selecting the correct arrow length is the responsibility of the shooter and failure to do so could result in severe injury, and/or damage to shooting equipment.

ARROW REST WARNING: Before shooting any Gold Tip arrows it is extremely important to inspect the arrow rest to ensure that it is properly adjusted to fit the diameter of the arrow shaft being used. FAILURE TO PROPERLY ADJUST THE ARROW REST SIGNIFICANTLY INCREASES THE RISK OF INJURY TO THE SHOOTER AND DAMAGE TO SHOOTING EQUIPMENT. Incorrect adjustment of the arrow rest may cause the arrow to fall from the arrow rest and/or get jammed in the bow which could result in injury to the shooter or bystanders, and damage to shooting equipment. ALWAYS MAKE CERTAIN THAT THE ARROW REST IS PROPERLY ADJUSTED BY A QUALIFIED INDIVIDUAL BEFORE SHOOTING.

ARROW INSPECTION WARNING: INSPECT EACH ARROW FOR DAMAGE PRIOR TO EVERY SHOT. Proper care of carbon arrows can ensure years of quality performance. However, shafts can be damaged. To inspect an arrow, grasp it on both ends and flex it away from yourself and others while visibly and audibly checking for splinters, cracks or nicks. Rotate and repeat this inspection process four to five times around the entire circumference of the shaft. If you find an arrow to be damaged in any way discard it immediately. SHOOTING DAMAGED CARBON ARROWS CAN RESULT IN ARROW FAILURE AND POSSIBLE INJURY.

CUTTING CARBON ARROWS: Cut carbon arrows using a high speed arrow cut off saw only. Use of any other type of saw may cause damage to the arrow.

Broadhead Tuning

Things to Consider:

→ The more blade surface a broadhead has, the more steering ability it will have. For this reason fixed blade broadheads with large cutting diameters tend to be slightly more difficult to tune.

→ Although mechanical broadheads tend to have fewer tuning issues than fixed blade heads, they still need to be properly aligned and their point of impact needs to be verified prior to hunting.

→ Gold Tip recommends test shooting any style of broadheads for accuracy prior to hunting.

Step 1: Bow Tuning

In order to achieve good accuracy with broadheads, it is imperative that your bow be properly tuned. Consult our tuning instructions above and, if needed, consult a technician at your local pro shop for help with bow tuning.

Step 2: Broadhead Alignment

When a broadhead is installed into an arrow shaft, it is common for the broadhead to seat incorrectly on the insert. This will cause misalignment of the broadhead in relation to the arrow and will cause the broadhead to wobble when spun. In order to achieve good accuracy, the broadhead must be centered on the insert in order to spin true on the shaft. To do this, follow the steps below:

1) Using an arrow spinner (like the Pine Ridge Arrow Inspector) place the point of the broadhead against a cardboard box. As you spin the arrow, the point will make a circle if it is not properly aligned. If the broadhead is properly aligned it will not appear to move and no additional steps are needed. **(see figure #1)**

2) If the point does make a circle, rotate the point to its uppermost point of movement and mark the point with a felt pen at that point. **(see figure #2)**

3) Rotate the arrow 180 degrees from that point and simply apply pressure to the point of the head on a hard surface. The goal of this is to push the broadhead into alignment with the insert. **(see figure #3)**

4) Put the arrow back on the spinner and check the head again for alignment. With a little trial and error you will soon become proficient and will be able to align a broadhead to the insert in under a minute. Keep in mind that shooting an arrow can cause misalignment, so it is a good idea to spin your broadhead tipped arrows repeatedly, particularly after shooting them.

Step 3: Fletching

After bow tuning and broadhead alignment, you are now ready to test your arrows for accuracy. If you are experiencing poor accuracy with a well tuned bow and properly aligned broadheads, it is likely that you are not giving the arrow enough guidance. The answer to this is fletching. Increasing the amount of fletching either by using longer vanes, or more vanes (4-fletch instead of 3-fletch) will give better guidance and increased accuracy. Be careful however, as too much fletching can have other adverse effects such as excessive drag than can also hamper performance. The key is finding a happy medium. This may take some trial and error depending on your setup. The best rule of thumb is to use the smallest amount of fletching possible while still being able to achieve field point accuracy with your broadheads.

Pin Bushing

Installation #1

Installation #2

Using Weight System

Applying Glue to insert

Broadhead Alignment

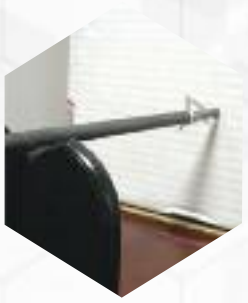

Figure #1

Figure #2

Figure #3

Bow Tuning

Although there are a number of acceptable tuning methods that work well, Gold Tip recommends paper tuning for release aid shooters and bare shaft tuning for finger shooters. Gold Tip also recommends the use of a string loop for compound shooters using a release aid. This will prevent nock pinch and will allow for a more accurate setup and more reliable tuning.

Paper Tuning

Shoot arrows through a suspended sheet of paper at a distance of 4 to 6 feet and observe the resulting tear. See adjustment illustration below to achieve a perfect tune. Make vertical adjustments prior to horizontal adjustments to avoid getting a false reading due to vane clearance issues.

Tip from the Pros: Try spraying your vanes with aerosol foot powder to determine if there is any vane contact with the arrow rest. Vane contact can cause erratic arrow flight and inaccurate paper tear readings.

Tip from the Pros: When paper tuning, proper shooting form and a consistent release are critical. Try shooting each arrow a number of times to make sure that you are getting a consistent reading. Paper tuning can be time consuming, but will pay big dividends in accuracy.

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Paper Tuning

This diagram depicts a perfect tear or bullet hole. This means that your arrow is perfectly tuned to your bow and you are achieving perfect arrow flight.

Perfect Tear

High Tear

Possible Corrections:

- ➔ *Move nock point down*
- ➔ *Move rest up*
- ➔ *Decrease launcher stiffness*
- ➔ *Shorten arrow length if possible*

Low Tear

Possible Corrections:

- ➔ *Raise nocking point*
- ➔ *Stiffen launcher stiffness*

Right Tear

Possible Corrections:

- ➔ *Move rest/center shot away from riser (right-handed bow)*
- ➔ *Move cable guard away from arrow (increase load on cable guard)*
- ➔ *Adjust wheel lean*

Left Tear

Possible Corrections:

- ➔ *Move rest/center shot towards riser (right-handed bow)*
- ➔ *Move cable guard towards arrow (decrease load on cable guard)*
- ➔ *Adjust wheel lean*
- ➔ *Use stiffer arrow*
- ➔ *Decrease draw weight*

Bare Shaft Tuning

Gold Tip recommends bare shaft tuning for any setup shot with a finger release. In order to use this method you will need two fletched arrows and two bare shafts. Follow the illustrations below to fine tune your setup.

This diagram depicts optimal tuning for the bare shaft tuning method. Bare shafts and fletched arrows should have very similar impact points.

Optimal Tuning

Stiff Arrow

Possible Corrections:

- ➔ *Use a longer shaft*
- ➔ *Use a lighter spined shaft*
- ➔ *Add weight to the insert using Gold Tip's weight system or by adding a heavier weight point*
- ➔ *Decrease cushion plunger tension or rest side tension*
- ➔ *Add poundage to the limbs 1/8 turn at a time*

Weak Arrow

Possible Corrections:

- ➔ *Cut shafts shorter ¼" at a time*
- ➔ *Use a stiffer spined arrow*
- ➔ *Decrease point weight*
- ➔ *Decrease poundage 1/8 turn at a time*
- ➔ *Add weight to the rear of the shaft with wraps, fletching, or Gold Tip's ultralight nock adaptor*
- ➔ *Increase plunger tensions*

Low Nock Point

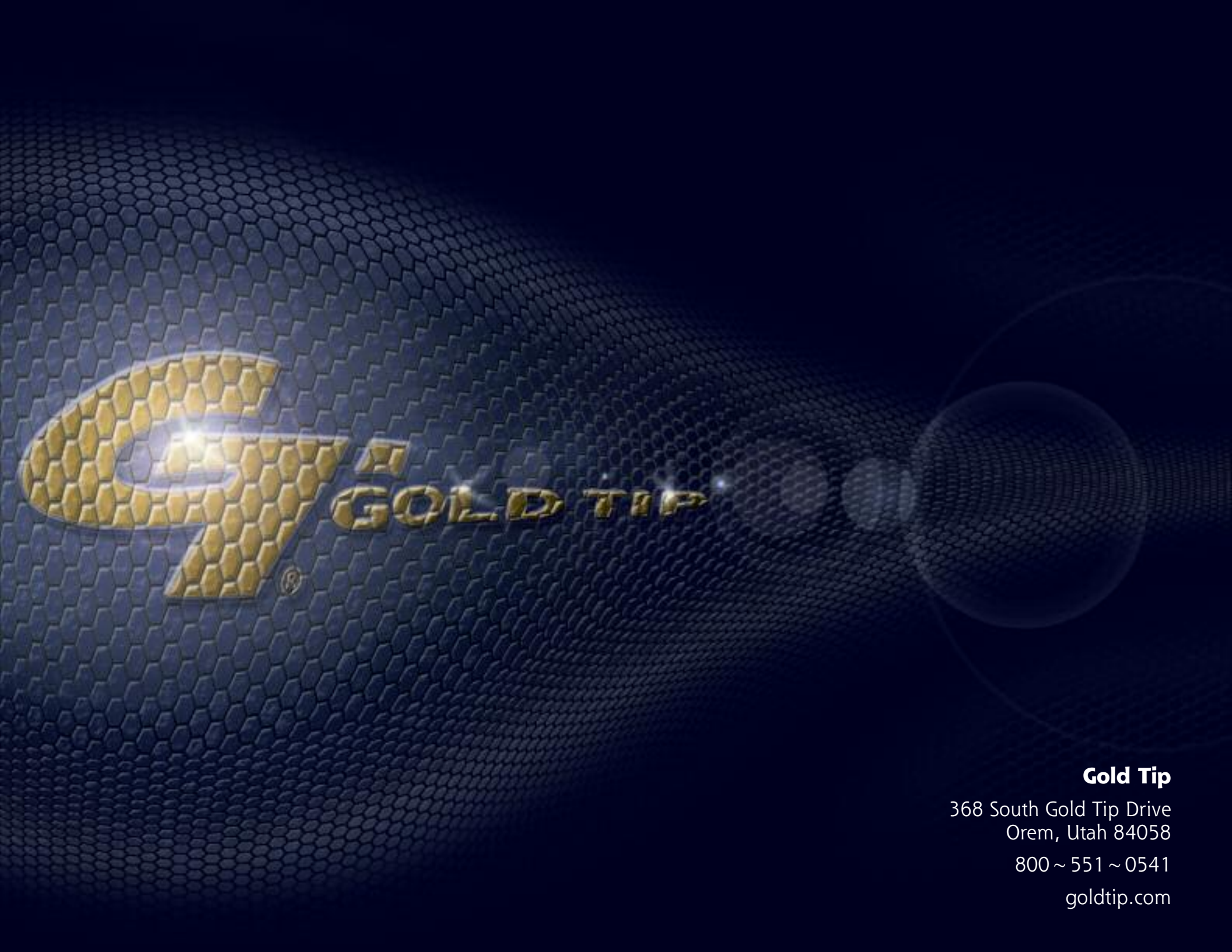
Possible Corrections:

- ➔ *Move nock point up*
- ➔ *Move arrow rest down*

High Nock Point

Possible Corrections:

- ➔ *Move nock point down*
- ➔ *Move arrow rest up*



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