



YOU DEMAND TOUGH, ACCURATE ARROWS. THAT'S WHY WE MAKE EVERY GOLD TIP WITH 100% PURE CARBON. THEN WE HAND PICK THE TOUGHEST AND MOST CONSISTENT SHAFTS. WE'VE GOT THE CALLOUSES TO PROVE IT. AND YOU'VE GOT OUR PROMISE THAT IF IT MAKES OUR CUT, IT'LL MAKE YOUR SHOT.

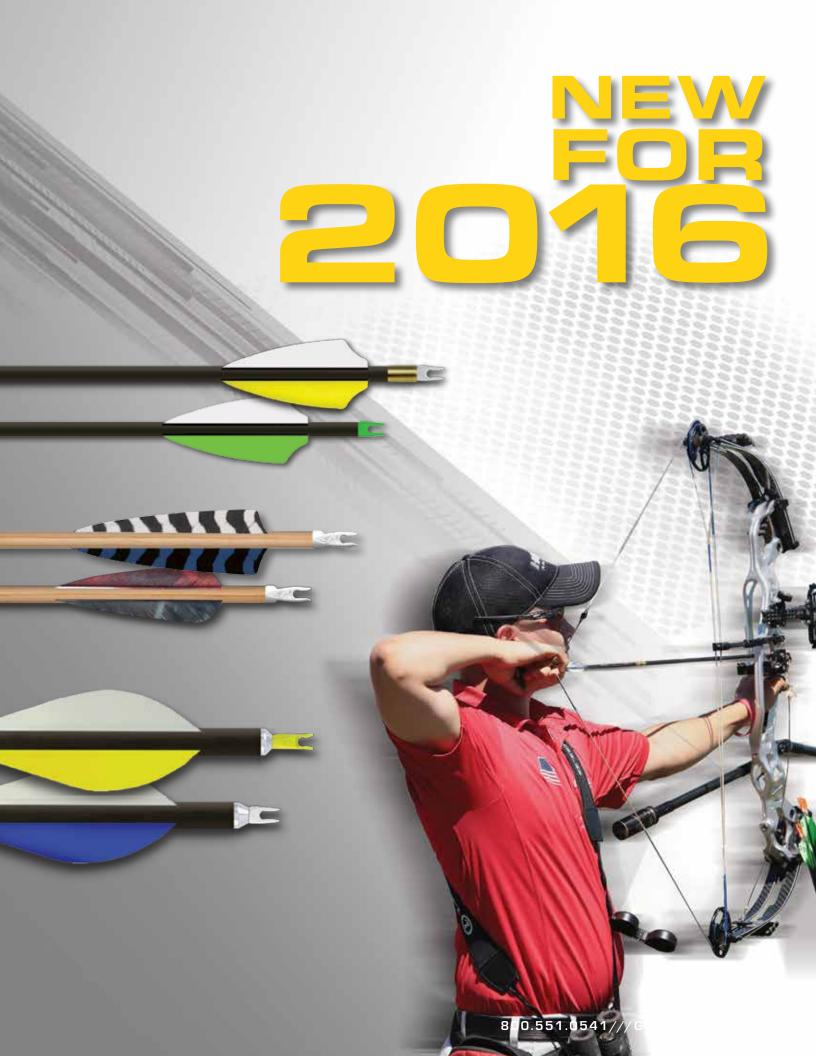
PREMIUM HUNTING ARROWS Kinetic Series
SPECIALTY HUNTING ARROWS Team Primos Edition
YOUTH ARROWS Falcon, Lightning, Fiberglass////26

Ultra Nine Serio X-Cu 30X	llight Seri .3 Max es 22 utter Serie Series	TARGET  es	30 32 33 33 34 34 34
Bolt Swif Balli	Selection t Series stic Serie	/ BOLT	
Arro	w Compo	DATA	

FOR 2016, GOLD TIP SOLIDIFIES ITS POSITION AS THE LEADER IN CARBON ARROWS BY ADDING THREE NEW MODELS OF ARROWS – KINETIC PIERCE, TRADITIONAL CLASSIC AND NINE.3 MAX. GOLD TIP'S 100% CARBON CONSTRUCTION IS SECOND TO NONE. WE PROVE IT IN THE ENGINEERING LAB, PROFESSIONAL ARCHERS PROVE IT ON THE PODIUM AND YOU PROVE IT TO YOURSELF WHEN YOU MAKE THAT SHOT OF A LIFETIME.







YOU'RE LOOKING FOR AN ARROW THAT SURGICALLY PENETRATES WITH BLISTERING SPEED AND WILL STAND UP TO REAL-WORLD ABUSE, YOU HAVE FOUND IT. THE GOLD TIP KINETIC PIERCE IS A MICRO DIAMETER ARROW THAT'S BUILT TO HUNT. ITS GREATLY REDUCED DIAMETER MAKES IT RESIST WIND DRIFT FOR LONG RANGE ACCURACY. ITS DECREASED WEIGHT MAKES IT FLY FAST AND FLAT. AND WHEN THE PIERCE IMPACTS ITS TARGET, IT HAS THE ENERGY TO PUNCH THROUGH. THANKS TO THE PATENT PENDING BALLISTIC COLLAR INSERT SYSTEM, THIS SURGICAL ARROW HAS THE STRENGTH OF A JACKHAMMER TO TAKE ON ANY HIDE, MEAT, OR BONE YOU PUT IN FRONT OF IT.



	SPINE	COLOR	GPI	OD	
OW SPECS	500 400 340 300 250	BLACK BLACK BLACK BLACK BLACK	6.6 7.6 8.3 9.1 9.8	.222" .229" .234" .240" .245"	
ARRO	GTO NOCK	5.3 GR BALLIS	STIC INSERT SY	STEM	

GTO NOCK: 5.3 GR NOCK COLLAR: 2.5 GR



RECOMMENDED FIELD POINT SIZE: 5/16" .0025 STRAIGHTNESS TOLERANCE: +/- .5 GRAINS AVAILABLE IN 2.1" FUSION VANES

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	SPINE	COLOR	GPI	
ເນ	500	BLACK	6.6	.222"
SPEC	400	BLACK	7.6	.229"
١ā	340	BLACK	8.3	.234"
	300	BLACK	9.1	.240"
<b>}</b>	250	BLACK	9.8	.245"
Ď		Roll.		-
A B B				
₹	GTO N	IOCK: BALLIS	STIC INSERT SY	STEM

GTO NOCK: BALLISTIC INSERT SYSTEM 5.3 GR

RECOMMENDED FIELD POINT SIZE: 5/16" .006 STRAIGHTNESS TOLERANCE: +/- 2 GRAINS AVAILABLE IN 2.1" FUSION VANES

### PATENT PENDING BALLISTIC COLLAR INSERT SYSTEM

- SIGNIFICANTLY INCREASES DURABILITY AT THE BROADHEAD/SHAFT CONNECTION
- •ADDS WEIGHT TO GIVE THE ARROW A HIGHER FRONT OF CENTER
- HELPS GUIDE TRAJECTORY
- •FITS STANDARD THREAD SIZE AND 5/16" DIAMETER POINTS
- •INTERNAL WEIGHT SYSTEM (FACT) COMPATIBLE. SPECIFIC SIZING NECESSARY



### MICRO DIAMETER SHAFT

- DECREASES DRAG.
   INCREASES PENETRATION
- RESISTS WIND DRIFT FOR LONG-RANGE ACCURACY
- REDUCED WEIGHT ALLOWS FOR GREATER SPEED

### LOW-PROFILE SHIELD CUT VANES

- DOUBLE CURVED REAR IMPARTS MORE STABILITY
- •LOWER RISE OF VANE REDUCES WIND DRIFT
- •TESTED TO BE AS ACCURATE AS 2" HP VANES

COMES STANDARD WITH PLATINUM
BUT AVAILABLE FOR USE ON BOTH)

INCREASES BACK END
DURABILITY

COMPARISON OF 400 SERIES SPINES



PIERCE PLATINUM 400 OD: .222 / ID: .166



KINETIC 400 OD: .258 / ID: .204



HUNTER 400 OD: .291 / ID: .246

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.



	SPINE	COLOR	GPI	OD
ິດ	500	BLACK	7.6	.258"
Ш	400	BLACK	9.5	.270"
SPEC	340	BLACK	9.9	.271"
S	300	BLACK	10.4	.274"
>	200	BLACK	11.6	.282"
ARROW			V	
٩	ACCU-BUSHING: 5.3 GR NOCK COLLAR: 7.6 GR	BALLISTIC COLLAR 12.8 GR	: AC	CU-TOUGH INSERT: 24.8 GR
	STRAIGHTNES	S TOLERANCE: -	+/0025	,,

STRAIGHTNESS TOLERANCE: +/- .0025 WEIGHT TOLERANCE: +/- .5 GR AVAILABLE IN 2" VANES ONLY





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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 ENCOUNTER. PROVIDING SPEED, STABILITY AND STRENGTH, THANKS TO GOLD TIP'S 100% CARBON TECHNOLOGY, THE HUNTERS HAVE BECOME THE "GO-TO" HUNTING ARROWS FOR MANY THOUSANDS OF BOWHUNTERS.

### SPINE COLOR GPI OD **BLACK** 7.3 500 .291" 400 **BLACK** 8.2 .295" 340 **BLACK** 8.9 .300" 300 .302" **BLACK** 9.3

ARROW SPECS



GTO SERIES NOCK BUSHING: 12.5 GR + 5.3 GR

ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR AVAILABLE IN 2" VANES



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S	500
Ш	400
颪▮	340
Ø	300
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SPINE	COLOR	GPI	
500	BLACK	7.3	.291"
400	BLACK	8.2	.295"
340	BLACK	8.9	.300"
300	BLACK	9.3	.302"





GT SERIES NOCK: 11.5 GR

ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .003" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" VANES



SPINE	COLOR	GPI	
500	BLACK	7.3	.291"
400	BLACK	8.2	.295"
340	BLACK	8.9	.300"
300	BLACK	9.3	.302"



**ARROW SPECS** 



GT SERIES NOCK: 11.5 GR

ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .006" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" & 4" VANES & 4" FEATHERS

# NED FOR SPED



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.



### VELOCITY PRO

SPINE COLOR GPI ARROW SPECS 600 **BLACK** 5.9 .283" 500 **BLACK** .285" 6.3 400 **BLACK** 7.4 .291" 340 **BLACK** 8.2 .296" 300 **BLACK** 8.8 .299"



GTO NOCK: 5.3 GR NOCK BUSHING: 12.5 GR



STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR AVAILABLE IN 2" VANES ONLY

### **VELOCITY**

	SPINE	COLOR	GPI	
/ SPECS	600 500 400 340 300	BLACK BLACK BLACK BLACK BLACK	5.9 6.3 7.4 8.2 8.8	.283" .285" .291" .296" .299"
ABBOW	ACCU-LITE N		O.O CCU-LITE INSE	•





ACCU-LITE NOCK: 8.3 GR

ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .003" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" VANES ONLY

### **VELOCIT**)

	SPINE	COLOR	GPI	OD
ow specs	600 500 400 340 300	BLACK Black Black Black Black	5.9 6.3 7.4 8.2 8.8	.283" .285" .291" .296" .299"
ARRO	ACCU-LITE N	IOCK: A	CCU-LITE INSE	RT:





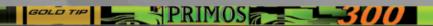
ACCU-LITE NOCK: 8.3 GR

ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .006" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" & 4" VANES

# GOHOTPOR GOHOME

EVERY YEAR, TEAM PRIMOS HUNTS IN A VARIETY OF CONDITIONS, FACING THE SAME CHALLENGES YOU FACE. NO MATTER THE SITUATION, NO MATTER THE GAME, THEY TRUST GOLD TIP. THE TEAM PRIMOS ARROW IS BALANCED, COMBINING THE NEED FOR SPEED WITH WEIGHT FOR PENETRATION. IF YOU ARE LOOKING FOR THE RIGHT ARROW FOR YOUR NEXT HUNT, TRUST THE TEAM PRIMOS EDITION FOR YOUR SUCCESS IN THE FIELD.

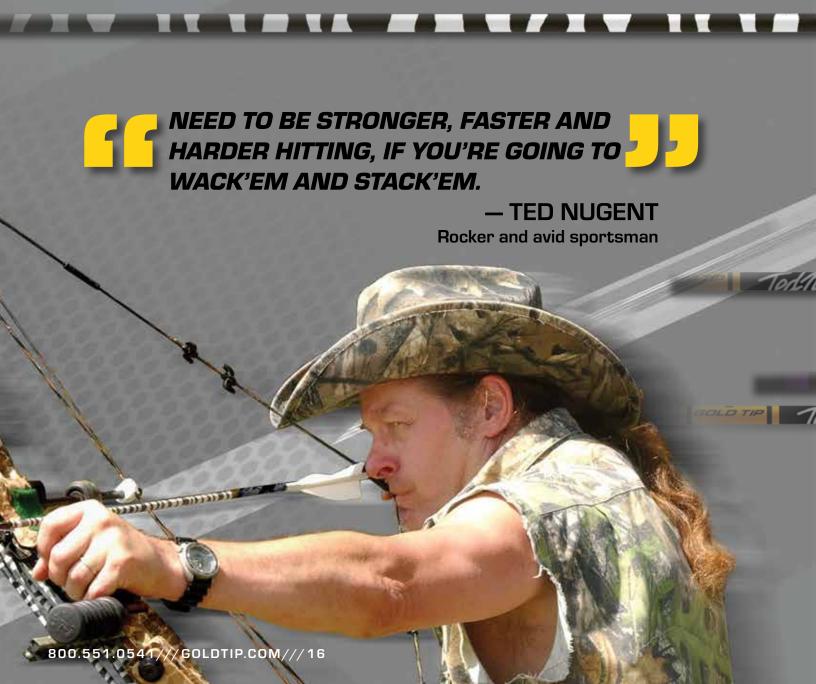






# TOUGH TOUGH

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.



# TedMugent

### SPINE COLOR GPI OD **ARROW SPECS** 500 WHITE ZEBRA 8.4 .298" 400 WHITE ZEBRA 9.3 .301" 300 WHITE ZEBRA 10.8 .313" GT SERIES NOCK: ACCU-LITE INSERT: 11.5 GR 12.1 GR STRAIGHTNESS TOLERANCE: +/- .006" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" VANES ONLY

400

### 400

-	SPINE	COLOR	GPI	OD
ECS	500 400	PINK OR PURPLE ZEBRA PINK OR PURPLE ZEBRA	8.4 9.3	.298" .301"
ROW SP	GT		LITE INSERT:	
A	WEIGHT TOLE	S TOLERANCE: +/006" Rance: +/- 2 gr 2" vanes only		

# PROVENTO PERFORM

WITH 10 WORLD CHAMPIONSHIPS, 11 WORLD RECORDS, 42 NATIONAL TITLES AND 11 SHOOTER OF THE YEAR TITLES, LEVI MORGAN IS THE WORLD'S MOST DECORATED PROFESSIONAL ARCHER. LIVING BY THE MOTTO, "THROUGH PRAYER AND PREPARATION, WE WILL SUCCEED," MORGAN ATTRIBUTES HIS SUCCESS TO HIS STRONG BELIEF IN FAITH, FAMILY AND HARD WORK. LEVI PUTS HIS TRUST IN GOLD TIP BECAUSE THEY RETAIN THEIR STRAIGHTNESS ON THE COMPETITION CIRCUIT AND ON HIS HUNTS. THESE ARE THE TOUGHEST ARROWS YOU'LL EVER SHOOT.



ARROW SPECS

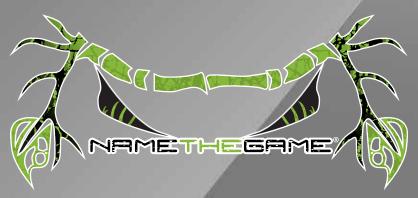
SPINE	COLOR	GPI	OD	
500 400	BLACK Black	6.3 7.4	.285" .291"	
ACCU-LITE NOCK: ACCU-LITE INSERT: 8.3 GR 12.1 GR				
STRAIGHTNESS TOLERANCE: +/003" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" VANES ONLY				

### L'ETTE L'HOUSEN

### 4.000 MENEMETHESEME

	SPINE	COLOR	GPI	OD	
SPECS	400	BLACK	7.4	.291"	
Ш	340	BLACK	8.2	.296"	
₫	300	BLACK	8.8	.299"	
ARROW	0	<b>3</b>	A Commission	1	
Õ		1			
쓔	ACCU-LITE NOCK: 8.3 GR		CCU-LITE INSE 12.1 GR	RT:	
4	0.0 OK		12.1 010		
	CTDAIGHTNES	C TOLEDANCE	. / በበວ"		

STRAIGHTNESS TOLERANCE: +/- .003'
WEIGHT TOLERANCE: +/- 2 GR
AVAILABLE IN 2" VANES ONLY



I LOVE THESE ARROWS. THEY'RE RUGGED,
TOUGH, AND RETAIN THEIR STRAIGHTNESS
SHOT AFTER SHOT. LAST SEASON I SHOT AN
ELK, A MULE DEER, TWO ANTELOPE AND TWO
WHITETAILS ALL WITH THE SAME SINGLE NTG
ARROW. GOLD TIP TOUGH, ALL THE WAY.

- LEVI MORGAN
Professional Archer



## VERSATILITY FOR THE HUNT



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 ENCOUNTER. PROVIDING SPEED, STABILITY AND STRENGTH, THANKS TO GOLD TIP'S 100% CARBON TECHNOLOGY, THE HUNTERS HAVE BECOME THE "GO-TO" HUNTING ARROWS FOR MANY THOUSANDS OF BOWHUNTERS.



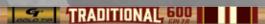


# MODERN PERFORMANCE

# TRADITIONAL Plassic

GOLD TIP'S TRADITIONAL CLASSIC XT IS BUILT OF A HEAVYWEIGHT, SMALL DIAMETER CARBON SHAFT THAT COMES EQUIPPED WITH STAINLESS STEEL INSERTS AND REINFORCED BALLISTIC COLLARS. THE STRENGTH AND DURABILITY, COUPLED WITH THE LOOK OF A CUSTOM FOOTED-SHAFT MAKES IT THE PERFECT CHOICE FOR ANY SPORTSMAN THAT DEMANDS HARD-HITTING KINETIC ENERGY.







# CLASIC LOCK

# TRADITIONAL - Classic

### TRADITIONAL 500

SPECS	SPINE 600 500 400 340	WOOD GRAIN WOOD GRAIN WOOD GRAIN WOOD GRAIN	9.0 9.8 11.4 12.1	.269" .274" .282" .287"
ABBOW			VEW STAINLESS ACCU-TOUGH II FROM 72-80	NSERT:
STRAIGHTNESS TOLERANCE: +/006" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 4" FEATHERS				





# PRESERVING



GOLD TIP WILL NEVER FORGET THE NEEDS OF THE TRADITIONAL SHOOTER AND NOW OFFERS TWO CLASSIC OPTIONS FOR THE LEATHERWALL ADDICTS OUT THERE. THE LOOK OF A TRADITIONAL SHAFT, WITH THE PERFORMANCE AND DURABILITY OF OUR ALL-CARBON CONSTRUCTION, THE GOLD TIP TRADITIONALS WILL HELP THAT RECURVE KICK IT UP A NOTCH AND LOOK GOOD DOING IT.







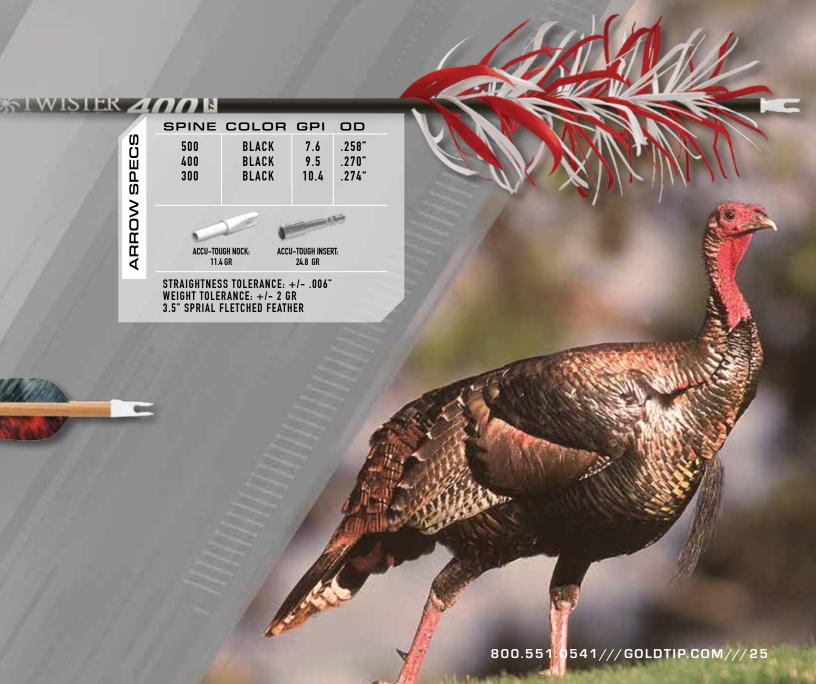
Traditional



# WITHTODAY'S STANDARDS

# %TWISTER™

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.



# STARTIEM

## 부미UTH

GOLD TIP YOUTH ARROWS ARE BUILT FOR THE DURABILITY, VERSATILITY, ACCURACY AND SAFETY DEMANDED BY PARENTS, BOY SCOUT LEADERS, NASP INSTRUCTORS AND CAMP DIRECTORS. GOLD TIP'S LINEUP OF YOUTH ARROWS GIVES YOUNG ARCHERS THE CHANCE TO SHOOT TO THEIR FULL POTENTIAL.

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.

## FALCON

SPINE COLOR GPI OD

500 BLACK 7.3 .291"

GT SERIES NOCK: ACCU-LITE INSERT: 12.1 GR

STRAIGHTNESS TOLERANCE: +/- .006"
WEIGHT TOLERANCE: +/- 2 GR
26" FULL LENGTH SHAFT

# SPINE COLOR GPI OD NA BLACK OR NA NA CAMO GT SERIES NOCK: INSTALLED GLUE-IN POINT: 11.5 GR 50 GR 28" FULL LENGTH SHAFT FOR USE IN BOWS NOT EXCEEDING 35 LBS IN DRAW WEIGHT

**ARROW SPECS** 

# OUTRIGHT

### **FIBERGLASS**

ARROW SPECS

SPINE COLOR GPI

NA BLACK OR NA

PINK



STANDARD PIN: 2.4 GR INSTALLED GLUE-ON POINT:

NA

29" FULL LENGTH SHAFT
FOR USE IN BOWS NOT EXCEEDING 30 LBS IN DRAW WEIGHT

# TOURINE TESTED. SHOUTER APPROVED.

### **ULTRALIGHT**

THERE IS REALLY ONLY ONE WAY TO DESCRIBE GOLD TIP'S LINEUP OF TARGET SHAFTS — DOMINANT! GOLD TIP SHOOTERS CONTINUALLY BESTS THE COMPETITION ACROSS ALL FRONTS OF TOURNAMENT ARCHERY. GOLD TIP'S 100% 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.

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 700 TO 300, AND MULTITUDE OF AVAILABLE COMPONENTS, THE ULTRALIGHTS CAN BE CUSTOMIZED TO YOUR PERSONAL NEEDS FOR OPTIMUM ACCURACY.

# 800.551.0541///GOLDTIP.COM///28

### UILTERA LIGIETT

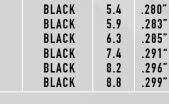
SPIN	1E COL	OR GP	
700	BLA	CK 5.4	.280"
600	BLA	CK 5.9	.283"
500	BLA	CK 6.3	.285"
400	BLA	CK 7.4	.291"
340	BLA	CK 8.2	.296"
300	BLA	CK 8.8	.299"

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY

### ULTRALIGHT ENTRADA

SPINE COLOR GPI 700 600 500 400 340 300

ARROW SPECS





ACCU-LITE INSERT: 12.1 GR

OD

STRAIGHTNESS TOLERANCE: +/- .006" WEIGHT TOLERANCE: +/- 2 GR AVAILABLE IN 2" & 4" VANES & 4" FEATHERS

### **ULTRA**LIGHT

SPINE	COLOR	GPI	OD
700	BLACK	5.4	.280"
600	BLACK	5.9	.283"
500	BLACK	6.3	.285"
400	BLACK	7.4	.291"
340	BLACK	8.2	.296"
300	BLACK	8.8	.299"

STRAIGHTNESS TOLERANCE: +/- .003" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY

ARROW SPECS





THE ANSWER TO CONSUMER DEMAND FOR A PRODUCT THAT NOT ONLY PUSHES THE MAXIMUM ALLOWABLE DIAMETER FOR INDOOR WORLD ARCHERY/ FITA EVENTS, BUT IS ALSO DURABLE ENOUGH TO MAINTAIN PINPOINT ACCURACY SHOT AFTER SHOT INTO THE NOTORIOUS, ARROW WRECKING STRAMIT TARGETS THAT ARE SO COMMON AT THESE EVENTS, GOLD TIP BRINGS TO YOU THE NINE.3 MAX AND NINE.3 MAX PRO.





ARROW SPECS

SPINE COLOR GPI OD 250 BLACK 8.3 .365"

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)



SPINE COLOR GPI OD

250 BLACK 8.3 .365"

STRAIGHTNESS TOLERANCE: +/- .005" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

**ARROW SPECS** 

800.551.0 COM///31

# DELIVERING MORE VITH LESS

THE SERIES 22 AND 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 100% 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.



SPINE COLOR GPI OD 300 BLACK 7.3 .338"

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

**ARROW SPECS** 



SPINE COLOR GPI OD
300 BLACK 7.3 .338"

STRAIGHTNESS TOLERANCE: +/- .005" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

### FAT, LINE-CUTTING PERFORMANCE



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.



SPINE	COLOR	GPI	OD
250	BLACK	7.8	.380"
A	22		

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

**ARROW SPECS** 



SPINE	GPI	OD	
250	BLACK	7.8	.380"

STRAIGHTNESS TOLERANCE: +/- .005" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

# HOMEONTHE 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 AND INDOOR SHOOTERS ALIKE, THE 30X AND 30X PRO FEATURE A STIFFER .200 SPINE. ENGINEERED WITH 100% CARBON TECHNOLOGY, THE 30X LINE IS BUILT GOLD TIPTOUGH, WHILE SPORTING SOME OF THE INDUSTRY'S LEADING STRAIGHTNESS AND WEIGHT TOLERANCES.



SPINE COLOR GPI OD
150 BLACK 8.5 .399"

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

**ARROW SPECS** 



SPINE COLOR GPI OD 150 BLACK 8.5 .399"

STRAIGHTNESS TOLERANCE: +/- .005" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)

**ARROW SPECS** 

# KING OF THE BING OF THE



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. THE .100 SPINE OFFERS INCREDIBLE DURABILITY AND ACCURACY. ENGINEERED WITH GOLD TIP'S 100% CARBON TECHNOLOGY, THE TRIPLE X ARROWS PROVIDE EXCEPTIONAL STRAIGHTNESS RETENTION, WITH TOLERANCES AS TIGHT AS +/-.001 (PRO).

**ARROW SPECS** 



SPINE COLOR GPI OD

100 BLACK 9.3 .421"

STRAIGHTNESS TOLERANCE: +/- .001" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)



SPINE COLOR GPI OD
100 BLACK 9.3 .421"

STRAIGHTNESS TOLERANCE: +/- .005" WEIGHT TOLERANCE: +/- .5 GR COMPONENTS SOLD SEPARATELY (SEE PAGES 40-41)



CROSSBOWS COMBINE THE STEALTH OF TRADITIONAL VERTICAL BOWS WITH THE FAMILIAR ATTRIBUTES OF SHOOTING A FIREARM. GOLD TIP'S BOLT OFFERING COVERS YOUR "AMMUNITION" NEEDS REGARDLESS IF YOU ARE LOOKING FOR FAST, FLAT TRAJECTORY, MAGNUM KNOCKDOWN POWER, OR MATCH GRADE ACCURACY.

OUR CROSSBOW BOLTS ARE ENGINEERED TO BE THE VERY BEST BOLTS AVAILABLE AND INCORPORATE 100% PURE CARBON CONSTRUCTION TO ENSURE A DURABLE, STRAIGHT AND CONSISTENT PROJECTILE. CROSSBOW TECHNOLOGY IS CONSISTENTLY EVOLVING AND IMPROVING...WHICH IS EXACTLY WHY WE HAVE DEVELOPED A DIVERSE LINE OF BOLTS TO CATER TO ANY CROSSBOW HUNTER'S NEEDS.

THINK OF YOUR CROSSBOW BOLT AS CUSTOM AMMUNITION FOR YOUR FAVORITE BIG GAME RIFLE. DO YOU LOOK FOR BLISTERING FLAT SHOOTING SPEEDS OR HEAVY, HARD HITTING POWER? PERHAPS YOU PREFER BALANCED BALLISTICS WITH UNMATCHED ACCURACY? NO PROBLEM, GOLD TIP HAS YOU COVERED, DAMN STRAIGHT!

CROSSBOW BOLTS		BETTER	BEST
	BLISTERING SPEED:		STRAIGHTNESS +/001"
	BALANCED PERFORMANCE:	BALLISTIC	STRAIGHTNESS +/001"
	KNOCKDOWN ENERGY:	NITRO	NITEOPRO STRAIGHTNESS +/001"

SROSSBOW BOLTS	BOLT SELECTION PAIRINGS CROSSBOW POUNDAGE			
	100 - 150 LBS SWIFT	150 - 175 LBS BALLISTIC	175 LBS + NITRO	
	20" SHAFT - 3.5" VANE 394 GR	20" SHAFT - 3.5" VANE 414 GR	20" SHAFT - 3.5" VANE 486 GR	
	20" SHAFT - 4" VANE 398 GR	20" SHAFT - 4" VANE 418 GR	20" SHAFT - 4" VANE 490 GR	
	22" SHAFT - 3.5" VANE 409 GR	22" SHAFT - 3.5" VANE 431 GR	22" SHAFT - 3.5" VANE 514 GR	
	22" SHAFT - 4" VANE 413 GR	22" SHAFT - 4" VANE 435 GR	22" SHAFT - 4" VANE 518 GR	

<sup>\*</sup> FINISHED BOLT WEIGHTS WITH 100 GR POINT

<sup>\*\*</sup> REFER TO YOUR CROSSBOW MANUFACTURER'S MINIMUM BOLT WEIGHT REQUIREMENTS TO INSURE SAFE SHOOTING. SHOOTING A BOLT THAT IS TOO LIGHT FOR YOUR POUNDAGE CAN CAUSE INACCURACY

## BLISTERING SPEED

## SUIFT

THE SWIFT 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 SWIFT IS AS VERSATILE AS IT IS CONSISTENT. THE SWIFT PRO SERIES FEATURES A .001" STRAIGHTNESS TOLERANCE AND INDUSTRY LEADING WEIGHT TOLERANCES, PROVIDING UNMATCHED OVERALL PERFORMANCE FOR THE MOST DISCERNING CROSSBOW ARCHERS.







	SPINE	COLOR	GPI	OD
S	NA	BLACK	7.3	.338"
70W SPECS	GT HALF-MOON NOC 17 GR	K: GT SERIES FLI		BRASS INSERT: 110 GR
ő				

STRAIGHTNESS TOLERANCE: +/- .005"
WEIGHT TOLERANCE: +/- 2 GR
WEIGHT: 394 GR - 413 GR\*
LENGTH: 20" & 22"
\*WHEN USED WITH 100 GR FIELD POINT

# BALANGED PERFOMANCE

## BALLISTIC

THE GOLD TIP BALLISTIC BOLT IS BUILT TO A WEIGHT THAT FALLS IN BETWEEN THE SWIFT AND THE NITRO BOLT OFFERINGS, CREATING ANOTHER OPTION FOR CROSSBOW SHOOTERS WHO ARE LOOKING FOR OPTIMAL PERFORMANCE. BALLISTIC, AS WELL AS THE .001" STRAIGHTNESS TOLERANCE BALLISTIC PRO, FEATURE GOLD TIP'S 100% CARBON TECHNOLOGY FOR UNMATCHED DURABILITY AND STRAIGHTNESS RETENTION.

### BALLISTICPRO

ARROW SPECS

SPINE COLOR GPI OD

NA BLACK 8.5 .343"

GT HALF-MOON NOCK: GT SERIES FLAT NOCK: 11 GR

STRAIGHTNESS TOLERANCE: +/- .001"
WEIGHT TOLERANCE: +/- .5 GR
WEIGHT: 414 GR - 435 GR\*

### BALLISTIC

STRAIGHTNESS TOLERANCE: +/- .005"
WEIGHT TOLERANCE: +/- 2 GR
WEIGHT: 414 GR - 435 GR\*
LENGTH: 20" & 22"
\*WHEN USED WITH 100 GR FIELD POINT
(24" OPTION AVAILABLE WITH 25 GR MOON NOCK & 50 GR ALUMINUM INSERT TO BE USED WITH MISSION CROSSBOWS)

LENGTH: 20" & 22"
\*WHEN USED WITH 100 GR FIELD POINT

## KNOCK DOWN ENERGY

## NUTTES

GOLD TIP'S NITRO BOLT HAS BEEN DESIGNED TO KEEP UP WITH TODAY'S FASTEST AND MOST POWERFUL CROSSBOWS. THE NITRO FEATURES THE SAME VERSATILITY AS THE SWIFT AND BALLISTIC, 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 NITRO PRO, WHICH BRINGS ALL THE TOUGHNESS AND DURABILITY OF THE STANDARD NITRO WITH A .001" STRAIGHTNESS TOLERANCE.

### NITROPAS

ARROW SPECS

SPINE COLOR GPI OD

NA BLACK 13.9 .347"

GTHALF-MOON NOCK: GT SERIES FLAT NOCK: BRASS INSERT: 60 GR

STRAIGHTNESS TOLERANCE: +/- .001"
WEIGHT TOLERANCE: +/- .5 GR

WEIGHT: 486 GR - 518 GR\*

\*WHEN USED WITH 100 GR FIELD POINT

LENGTH: 20" & 22"

### MITRO



STRAIGHTNESS TOLERANCE: +/- .005"
WEIGHT TOLERANCE: +/- 2 GR
WEIGHT: 486 GR - 518 GR\*
LENGTH: 20" & 22"
\*WHEN USED WITH 100 GR FIELD POINT

### <u> ARROW COMPONENTS</u>





r		1000		100	1111			12	1		- /	
				Co	mpoun		er 315					
	Point	Weight				Lengt	h of Arre					
	100 Gr.	125 Gr.	23	24	25	26	27	28	29	30	31	32
Ť	35-39	30-34	600	600	600	600	600	500	500	500	400	400
	40-44	35-39	600	600	600	600	500	500	500	400	400	400
ш	45-49	40-44	600	600	600	500	500	500	400	400	400	340
	50-54	45-49	600	600	500	500	500	400	400	400	340	340
W,	55-59	50-54	600	500	500	500	400	400	400	340	340	300
eight	60-64	55-59	500	500	500	400	400	400	340	340	300	300
Ve	65-69	60-64	500	500	400	400	400	340	340	300	300	300
3	70-74	65-69	500	400	400	400	340	340	300	300	300	250
Draw	75-79	70-74	400	400	400	340	340	300	300	300	250	250
0	80-84	75-79	400	400	340	340	300	300	300	250	250	200
	85-89	80-84	400	340	340	300	300	300	250	250	200	200
	90-94	85-89	340	340	300	300	300	250	250	200	200	200
	95-100	90-94	340	300	300	300	250	250	200	200	200	200
	8	95-100	300	300	300	250	250	200	200	200	200	200
				Di	amazari	nd 315	2/5	FPS				
	Point \	Veight			nigou		of Arro					
	100 Gr.	125 Gr.	23	24	25	26	27	28	29	30	31	32
SHEET	35-39	30-34	600	600	600	600	500	500	500	400	400	400
	40-44	35-39	600	600	600	500	500	500	400	400	400	340
	45-49	40-44	600	600	500	500	500	400	400	400	340	340
	50-54	45-49	600	500	500	500	400	400	400	340	340	300
	55-59	50-54	500	500	500	400	400	400	340	340	300	300
를	60-64	55-59	500	500	400	400	400	340	340	300	300	300
eig	65-69	60-64	500	400	400	400	340	340	300	300	300	250
3	70-74	65-69	400	400	400	340	340	300	300	300	250	250
Draw	75-79	70-74	400	400	340	340	300	300	300	250	250	200
ă	80-84	75-79	400	340	340	300	300	300	250	250	200	200
	85-89	80-84	340	340	300	300	300	250	250	200	200	200
	90-94	85-89	340	300	300	300	250	250	200	200	200	200
	95-100	90-94	300	300	300	250	250	200	200	200	200	200
		95-100	300	300	250	250	200	200	200	200	200	200

#### STEP 1:

FIND YOUR DRAW AND POINT 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 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 (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 (UNDER 315 FPS) AS INDICATED ABOVE. 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.

#### 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 because 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 FROM THE PROS: 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 on next page)

#### 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.

HUNTING SHAFT/SPINE	<b>PRO</b> (+/001)	KAOS (+/0025)	<b>XT</b> (+/003)	HUNTER (+/006)	FINISH	GPI	LENGTH	O.D. (IN/MM)	I.D. (IN/MM)
HUNTER 500	•				BLACK	7.3	30"	.291 / 7.39	.246 / 6.25
HUNTER 500 – CAMO					CAMO – XTRA OR LOST	8.2	30"	.297 / 7.54	.246 / 6.25
HUNTER 400	•				BLACK	8.2	32"	.295 / 7.49	.246 / 6.25
HUNTER 400 - CAMO			•	•	CAMO – XTRA OR LOST	9.0	32"	.302 / 7.67	.246 / 6.25
HUNTER 340	•		•		BLACK	8.9	32"	.300 / 7.62	.246 / 6.25
HUNTER 300 - CAMO	·		•		CAMO – XTRA OR LOST	10.9	32"	.312 / 7.92	.246 / 6.25
HUNTER 300					BLACK	9.3	32"	.302 / 7.67	.246 / 6.25
HUNTER 250	N			•	BLACK	10.6	32"	.302 / 7.84	.246 / 6.25
HUNIER 230			•		DLAGK	10.0	JΣ	.307 / /.04	.240 / 0.23
VELOCITY 600	•		•	•	BLACK	5.9	30"	.283 / 7.19	.246 / 6.25
VELOCITY 500	•		•	•	BLACK	6.3	30"	.285 / 7.24	.246 / 6.25
VELOCITY 400	• \		•	•	BLACK	7.4	32"	.291 / 7.39	.246 / 6.25
VELOCITY 340	•		•	•	BLACK	8.2	32"	.296 / 7.51	.246 / 6.25
VELOCITY 300	•		•	•	BLACK	8.8	32"	.299 / 7.60	.246 / 6.25
PIERCE 500					BLACK	6.6	30"	.222 / 5.63	.166 / 4.21
PIERCE 400		N.		•	BLACK	7.6	32"	.222 / 5.83	.166 / 4.21
PIERCE 340		• •		•	BLACK	7.0 8.3	32"	.234 / 5.94	.166 / 4.21
		A)		•					
PIERCE 300		•		•	BLACK	9.1	32"	.240 / 6.09	.166 / 4.21
PIERCE 250		•		•	BLACK	9.8	32"	.245 / 622	.166 / 4.21
KINETIC 500		•		•	BLACK	7.6	30"	.258 / 6.55	.204 / 5.18
KINETIC 400		•		•	BLACK	9.5	30"	.270 / 6.85	.204 / 5.18
KINETIC 340		•		•	BLACK	9.9	30"	.271 / 6.88	.204 / 5.18
KINETIC 300		•		•	BLACK	10.4	30"	.274 / 6.96	.204 / 5.18
KINETIC 200		•		\ ·	BLACK	11.6	30" (32")*	.282 / 7.16	.204 / 5.18
TEAM PRIMOS 500				Α.	GREEN DIGITAL	8.6	30"	.298 / 7.56	.246 / 6.25
TEAM PRIMOS 400				N.	GREEN DIGITAL	9.4	32"	.303 / 7.68	.246 / 6.25
TEAM PRIMOS 300					GREEN DIGITAL	7.4 10.9	32"	.310 / 7.87	.246 / 6.25
									12.10.7.61.20
TED NUGENT 500				•	WHITE - PURPLE - PINK	8.4	30"	.298 / 7.56	.246 / 6.25
TED NUGENT 400				•	WHITE - PURPLE - PINK	9.3	32"	.301 / 7.63	.246 / 6.25
TED NUGENT 300				•	WHITE	10.8	32"	.313 / 7.95	.246 / 6.25
NAME THE GAME 500			•		BLACK W/ ARROW WRAP	6.3	30"	.285 / 7.24	.246 / 6.25
NAME THE GAME 400			•		BLACK W/ ARROW WRAP	7.4	32"	.291 / 7.39	.246 / 6.25
NAME THE GAME 340			•		BLACK W/ ARROW WRAP	8.2	32"	.296 / 7.51	.246 / 6.25
NAME THE GAME 300			•		BLACK W/ ARROW WRAP	8.8	32"	.299 / 7.60	.246 / 6.25
TRADITIONAL CLASSIC 60	10				WOOD GRAIN	9.0	32 <sup></sup>	.269 / 7.49	.204 / 5.18
TRADITIONAL CLASSIC 50			•		WOOD GRAIN	9.8	32"	.274 / 7.62	204 / 5.18
TRADITIONAL CLASSIC 40			•		WOOD GRAIN	11.4	32"	.282 / 7.67	.204 / 5.18
TRADITIONAL CLASSIC 34			•	\.	WOOD GRAIN	12.1	32"	.287/ 7.82	.204 / 5.18
TRADITIONAL 600			•	•	WOOD GRAIN	7.8	30"	.295 / 7.49	.246 / 6.25
TRADITIONAL 500			•	•	WOOD GRAIN	8.6	32"	.300 / 7.62	.246 / 6.25
TRADITIONAL 400			•	•	WOOD GRAIN	9.3	32"	.302 / 7.67	.246 / 6.25
TRADITIONAL 340			•	•	WOOD GRAIN	10.5	32"	.308/ 7.82	.246 / 6.25
						A			
TWISTER 500					BLACK	7.6	30"	.258 / 6.55	.204 / 5.18
TWISTER 400					BLACK	9.5	30"	.270 / 6.85	.204 / 5.18
TWISTER 300					BLACK	10.4	30"	.274 / 6.96	.204 / 5.18
FALCON YOUTH					BLACK	7.3	26"	.291 / 7.39	.246 / 6.25
LIGHTNING YOUTH					BLACK OR CAMO	N/A	28"	N/A	.246 / 6.25
FIBERGLASS YOUTH					BLACK OR PINK	N/A	29"	N/A	N/A
I IDENOLATED TOUTH					DEAGN ON FIRM	IVA	21	IVA	IVA

TARGET SHAFT/SPINE	<b>PRO</b> [+/001]	<b>BASIC</b> (+/003)	<b>BASIC</b> (+/005)	ENTRADA (+/006)	FINISH	GPI	LENGTH	O.D. (IN/MM)	I.D. (IN/MM)
ULTRALIGHT 700 ULTRALIGHT 600 ULTRALIGHT 500 ULTRALIGHT 400 ULTRALIGHT 340 ULTRALIGHT 300	•	•		•	BLACK BLACK BLACK BLACK BLACK BLACK	5.4 5.9 6.3 7.4 8.2 8.8	30" 30" 30" 32" 32" 32"	.280 / 7.11 .283 / 7.19 .285 / 7.24 .291 / 7.39 .296 / 7.51 .299 / 7.60	.246   6.25 .246   6.25 .246   6.25 .246   6.25 .246   6.25 .246   6.25
NINE3 MAX SERIES 22	•		•		BLACK Black	8.3 7.3	30" (32")* 30" (32")*	.365 / 9.30	.325 / 8.25 .300 / 7.62
X-CUTTER	•		•		BLACK	7.8	30" (32")*	.380 / 9.65	.345 / 8.76
30X TRIPLE X	•		•		BLACK Black	9.3	30" (32")* 30" (32")*	.421 / 10.68	.360 / 9.14
CROSSBOW SHAFT/SPINE	<b>PRO</b> (+/001)		<b>BASIC</b> (+/005)		FINISH	GPI	LENGTH	<b>□.</b> □. (IN/MM)	I. <b>□.</b> (IN/MM)
SWIFT	•		•		BLACK	7.3	20" OR 22"	.338 / 8.59	.300 / 7.62
BALLISTIC NITRO			•		BLACK Black	8.5 13.9	20", 22" OR 24" 20" OR 22"	.343 / 8.71	.300 / 7.62 .272 / 6.91
* AVAILABLE UPON REQUEST			•		DLACK	10.7	20 OK 22	.04/ / 0.0	2727 0.71

#### **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

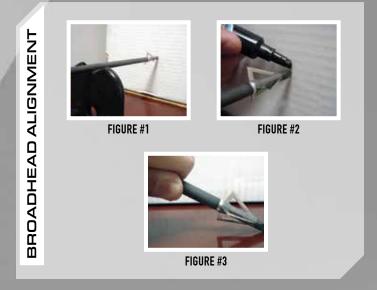
When a broadhead is installed into an arrow shaft, it is common for the broadhead to seat incorrectly on the insert. This will cause misalignment of the broadhead in relation to the arrow and will cause the broadhead to wobble when spun. In order to achieve good accuracy, the broadhead must be centered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







The Flex it First logo is our way of reminding you to flex each shaft to test it for safety periodically – especially after shooting groups or if you miss a target. Why? Every Gold Tip arrow leaves our factory as the toughest, safest arrow we can make. But like every product, there's a chance that your arrows could sustain damage in shipping, stocking, and shooting that isn't visible to the eye. Simply flex your arrows before shooting to be sure that your arrow is not damaged. If there is damage, you will see the carbon seperate or the shaft will break. That way, you'll keep shooting safe and straight. Damn Straight.

#### 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.

#### 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



PAPER TUNING

#### **PERFECT TEAR**



- 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

#### 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



#### LOW NOCK POINT **POSSIBLE CORRECTIONS:**

- MOVE NOCK POINT UP
- MOVE ARROW REST DOWN



#### WEAK ARROW

#### **POSSIBLE CORRECTIONS:**

- CUT SHAFTS 1/4" AT A TIME **USE A STIFFER SPINED ARROW**
- DECREASE POINT WEIGHT
- DECREASE POUNDAGE <sup>1/8</sup> TURN AT A TIME
- ADD WEIGHT TO REAR OF SHAFT WITH WRAPS, FLETCHING, OR GOLD TIP'S ULTRALIGHT NOCK ADAPTOR
- INCREASE PLUNGER TENSIONS



#### HIGH NOCK POINT POSSIBLE CORRECTIONS:

- MOVE NOCK POINT DOWN
- MOVE ARROW REST UP

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