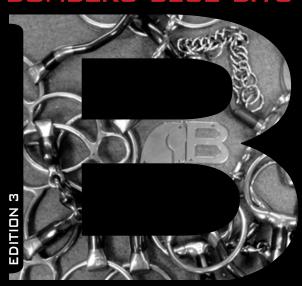


BOMBERS BLUE BITS





INTRODUCTION

MOUTHPIECES

Solid

Semi-broken

Cable

Flexible

Broken

Titanium

CHEEKPIECES

Fixed

Loose

HACKAMORE

ACCESSORIES

DRESSAGE

BD

EΑ

FEI

USEF

Relaxed Performance

DRIVING

Liverpool

ICELANDIC

SADDLER

Working Showing

SPURS

BERKELEY

Jeans Belts





ABOUT US

Bombers has been developing quality equine products for over 30 years. Our focus is on providing innovative solutions to riders' challenging problems, particularly in the area of bitting. Coupling that innovation with handmade quality, attention to detail and testing by world renowned riders, has resulted in world-class horse products... and not just bits. The results are truly astounding, as insistent users attest! This successful formula has now been applied to a variety of disciplines including Cutting & Campdrafting, Dressage, Endurance, Icelandic, Polo, Polocrosse, Pony Showing, Racing, Saddlebred and Show Jumping.

BOMBERS LIFETIME GUARANTEE

The Bombers lifetime guarantee covers all stainless steel, sweet iron and brass products from manufacturing defects in materials and workmanship for the lifetime of the product. Bombers will repair or replace at its discretion any manufacturing defect in these products free of charge. The bombers lifetime guarantee does not cover damage caused by accident, improper care or cleaning, non-standard usage, negligence or unauthorised alterations.

CAUTION WARNING FROM THE MANUFACTURER

Horse riding is an action sport, the riders safety greatly depends on the integrity of the equipment, bits are hard wearing items but please remember to always check your equipment before saddling up... happy riding!

"PRESSURE = RESISTANCE" "RESISTANCE = LACK OF CONTROL"

A horse is an animal of flight - it will never yield to pressure or pain it will either move away from it or run away. Therefore Pressure = Resistance = Lack of Control. To obtain control we need to remove the resistance. To remove the resistance one must remove the pressure or distribute the pressure over a larger surface area.



A Bomber bit is entirely handcrafted. All the component parts are welded, formed and ground by hand. The sweet iron after treatment, gives off a striking and attractive deep blue tint. The finishing touch: the size and brand name are stamped on the left hand side of the bit.



Sweet Iron will oxidize when it comes into contact with moisture; this oxidation process encourages salivation which improves acceptance of the bit. This process changes the blue colour of the Bomber bit to a brownish grey. If not used for a while, any build- up may be removed with a scourer and wiped with a damp cloth.



A bit is a tool and as such comes in many designs and sizes to meet the needs of the horse, rider and the discipline being ridden. Here at Bombers we make possibly the most extensive range in the world. Some of the bits can be used for most applications, while others may only be used in one unique situation. It is our intention to get you the right bit for you and your horse.

PRODUCT CARE



MAX 90 KG

Bombers prides itself on striving to ensure the highest level of manufacturing and craftmanship. It is for that reason we have added a maximum weight rating of 90kgs on certain bit models, namely the barrel, Bomber Blue and cable mouth-



CHEWABLE - NO GUARANTEE

Some mouthpieces are not suitable for horses that chew - no guarantee is offered on wear and tear of these materials from being chewed.

- Cable
- Leather
- FlexibleTubing
- · Bomber Blue



MOVING PARTS WEAR - EVEN METALS

Mouthpieces that have joints will wear over time. Check your Bombers Bit before use, send us a image if you would like it to be assessed. Brass is a soft metal and will wear quicker over



OXIDISATION

Please note due to oxidisation the blue sweet iron will fade with use.

CARE

Our bits should be washed and wiped after use. If it has been out of use for some time, you may require a kitchen scourer.



STAINLESS STEEL **SWEET IRON & BRASS**

Bombers only uses the very best Stainless Steel. Brass is used in a some products. Most of our mouthpieces are made from blue sweet iron, because it:

- oxidises easily
- encourages salivation
- helps bit acceptance
- is warm and sweet

Our bits should be washed after every use and checked for wear. If the bit has been out of use for some time, a kitchen scourer maybe necessary to remove built up oxidation.





LEATHER

100% natural leather mullen shape will incur strong tongue and some bar pressure. Suitable for horses that object to metal.

Wipe the leather after every use with a clean, dry cloth and apply a leather conditioner regularly.

- · Avoid soaking the leather in water or soap.
- Avoid using any cleaning products not designed
- for leather.
- · Avoid storing leather bits in direct sunlight.



FLEXIBLE TUBE

A bespoke PVC tube offers an exceptionally soft option, by applying even pressure over the tongue and bars. Particularly suited to the horse that objects to metal.

The Bombers tube is UV resistant, heavy metal free meaning it is non- toxic and the pigment is FDA approved.







BOMBER BLUE

The nylon composite material is light in the mouth and encourages salivation while the port offers tongue relief. It is particularly well suited to horses that object to metal mouth

The material is non-toxic with a stainless







CABLE

Bomber's revolutionary Cable bits

- 1. Removes the centre links, creating a smooth more comfortable mouthpiece
- 2. Offers a rigidity limiting the nutcracker effect and has spring back.
- 3. The cable allows for some lateral independence between each rein.

The cable tubing is manufactured from clear virgin flexible PVC compound. It is heavy metal free meaning non- toxic and the pigment is FDA approved.

Patent Number: 2015/07341





HOW TO USE THIS CATALOGUE



Our entire system runs on the Bombers Coding system. Each product from our massive range of over 500 000 models has a unique code. A code is made up of 5 parts. For example, a standard Loose Ring Snaffle 125 B14.

RANGE	CHEEKPIECE	MOUTHPIECE	WIDTH	THICKNESS
В	LR00	SN00	125	14



The sweet iron range starts with a "B"

The titanium range starts with a "T"

The Icelandic range starts with a "D"

2

CHOOSE THE CHEEKPIECE CODE

Title

LOOSE RING

Product Image



The unique code representing each model

/	CODE		MODEL	DIAMETER	THICKNESS
	LRLG	\	Large	98mm	6mm
	LR00		Standard	78mm	6mm
	LRPS		Pony	66mm	5mm
	LRSA		Saddler	47mm	5mm

BRADOON

	CODE		MODEL	DIAMETER	THICKNESS
	LRBR		Standard	68mm	6mm
١	LRPB	/	Pony	46mm	5mm
١	LRSB		Saddler	40mm	5mm

Description

The Bradoon and Loose Ring allow for immediate release and relief from tongue and bar pressure. The bit is immediately reset to a neutral position in the horse's mouth

Link to YouTube Video



Bombers Advice

Suggested Pressure Gauge









Variations from the standard model

VARIANT



HITCHCOCK

CODE	HI00



LOOSE RING TUBE

CODE	LT00



WILSON LOOSE RING

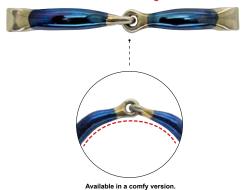
CODE	WS00

ADD THE MOUTHPIECE CODE

Title

SNAFFLE

Product Image



Description

Our Snaffle is a popular bit due to the curved mouthpiece which distributes pressure more evenly over tongue and bars and reduces the nutcracker action. The offset centre link avoids the usual pressure point on the tongue.

The nutcracker action results in the horse lifting its head, therefore offers a solution for the horse that runs with its head down.

Link to YouTube Video



Bombers Advice

Bombers subtle innovations make this bit far more acceptable than the traditional counterparts.

Pressure Gauge









3 Unique product code



Suggested thickness for each width



Variations available to this mouthpiece

SPECIALISATIONS



PETROS CHERRY ROLLER

BAR ADAPTATIONS



CORKSCREW



ROUND TWIST SQUARE TWIST SQUARE BAR





POLITO

SOFTNERS



COMFY

SELECT A WIDTH AVAILABLE.

SUGGESTED THICKNESS

Bomber advices using the suggested thickness that corresponds to your width, although a thickness above and below is also possible.

MOUTHPIECE VARIATIONS

Optionally request a variation to the mouthpiece.



4A HORSE BEING HAPPY AND COMFORTABLE IN THE MOUTH IS VITAL. YOU CAN'T PUT A PRICE ON BOMBER'S DECADES OF KNOWLEDGE AND EXPERIENCE."





BOMBERS SPONSORED DRESSAGE RIDER

BRETT IS AN EXTREMELY SUCCESSFUL RIDER WHO HAS AN AMAZING 12 AUSTRALIAN DRESSAGE CHAMPIONSHIPS UNDER HIS BELT. HE WAS ALSO SHORTLISTED FOR 3 OLYMPIC GAMES PLUS A TOP 10 WORLD EQUESTRIAN GAMES FINISH.



We have made some very important changes to our handcrafted bits which is why they are so well received by the horses. The sweet iron is warmer than stainless steel, it encourages salivation, the curved mouth pieces reduce tongue pressure, the links are small and offset thus relieving a pressure point on the tongue.

With our thorough understanding of the mechanics of the various cheek pieces and mouth pieces we can correct negative action of the horse's head and we can also position the head correctly. This, together with our understanding of the requirements of the disciplines, conformation of the various breeds, as well as the individuality of the Rider has resulted in our extensive range of bits.

Our sizes start at 90mm widths up to 160mm width and the size of all our bits are stamped on the left hand side of the mouth piece which also indicates which way the bit should be fitted to the bridle thus avoiding incorrect usage.

Our extensive range of bits includes training and corrective bits that can eradicate a problem allowing the horse to continue on to a conventional bit suited to the discipline.

Riders at the top level may require a small tweak here or there in order to achieve a win and this is what we can offer with our philosophy.

PRESSURE POINT SEVERITY



SINGLE PRESSURE 1-2 3 → 4 5

Utilises no pressure, the optimum case however this is not realistic in every situation.

GREEN

Registers a light pressure, applied over a large surface area to achieve a better positioning of the

ORANGE

Indicates that medium pressure is being applied to correct a problem or to achieve necessary control.

Is the maximum pressure, the rider should be cautious and question this use.

MOUTH PRESSURE POINTS



Bar pressure is applied by most mouth pieces and is generally accepted by the horse, bringing the head

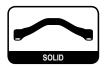


The pinch or nutcracker action of a single break mouth piece such as a conventional snaffle will put heavy pressure on the side of the bars causing the head to lift. A curved or 3 piece mouth piece relieves this nutcracker action slightly, making it more accepted. A solid mouth piece will remove this action.

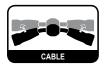


Tongue pressure is accepted by most horses and will bring the head down.

TYPES OF MOUTHPIECES

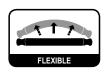


The mouthpiece is fixed between cheek pieces. optionally offering tongue relief in the form of a port.



Removes the centre links, creating a smooth more comfortable mouthpiece with some rigidity which limits the nutcracker effect. There is some spring back which offers quick release from pressure.

The cable allows for some lateral independence between each rein.



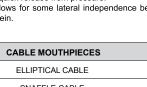
Flexible mouthpieces wrap around the horse's tonque and bars spreading the pressure:

SOLID MOUTHPIECES		
TONGUE RELIEF	NO TONGUE RELIEF	
BOMBER BLUE	BOMBER BLUE MULLEN	
DRESSAGE PORT	MULLEN	
GAVIN PORT	LESLIE MULLEN	
HAPPY TONGUE	WINDSUCKER	
HIGH PORT		
SM PLATE		

रा	LESLIE MULLEN
NGUE	WINDSUCKER
Т	
	1



The joint is hindered in making its full movement, thereby limiting the bit's action and lessening the pinch.



CABLE MOUTHPIECES
ELLIPTICAL CABLE
SNAFFLE CABLE
WATERFORD CABLE
WATERFORD BARREL CABLE

FLEXIBLE MOUTHPIECES			
CURB CHAIN	REVERSIBLE LINK		
FLEXIBLE MULLEN	TAYLOR CHAIN		
LEATHER MULLEN	WATERFORD		
	WATERFORD BARREL		



Double break bits have a middle component that sits on the tongue. Some extent of pinch will occur.



When applied the single break snaffle pinches the bars and tongue raising the head.

SEMI-BROKEN MOUTHPIECES		
TONGUE RELIEF	NO TONGUE RELIEF	
ELLIPTICAL ULTRA-COMFY LOCK UP	BARREL	
PORTED BARREL	ELLIPTICAL LOCK UP	
SNAFFLE ULTRA-COMFY LOCK UP	SNAFFLE LOCK UP	

2 BREAK MOUTHPIECES		
TONGUE RELIEF	NO TONGUE RELIEF	
DENNI ZIMSEN	BARRIE	
ELLIPTICAL ULTRA-COMFY	BUSTER ROLLER	
MCHARDY	COLIN MILES	
PORTED SARA GRILLS	CONTROL PLATE	
SEGUNDO	ELLIPTICAL	
	ELLIPTICAL DRESSAGE	
	ELLIPTICAL ROLLER	
	FRENCH LINK	
	SARA GRILLS	
	SPINNER	

1 BREAK MOUTHPIECES		
TONGUE RELIEF NO TONGUE RELIE		
SNAFFLE ULTRA-COMFY	SNAFFLE	

SPECIALISATIONS



CHERRY ROLLER

The Cherry Rollers rotate in the horse's mouth giving him something to play with and reducing the likelihood of the bit being held in the horse's teeth. They are constructed tightly so there is no chance of pinching. When pulling on the reins, the rollers allow the bit to move along the bars of the horse's jaws as opposed to rubbing.

Very useful for horses that:

- · Lose sensitivity over time
- · Lose concentration
- · Cross their jaws



PETROS

The Petros mouthpieces rotate preventing the horse taking hold of the bit. Often good for a horse that leans or tries to take hold of the bit.



SWIVEL

The swivel mouthpiece can rotate on the horizontal, allowing the cheek piece to move independently, thereby the horse can set where it finds the mouthpiece most comfortable... removing tongue pressure.

BAR ADAPTATION



CORKSCREW

The Corkscrew mouthpiece is grooved to offer extra control over strong horses. The groove in the mouthpiece causes edges that result in pressure points in the horse's mouth. The edges amplify pressure on the mouth, especially the bars and tongue, and also act on the lips. This offers the rider more control than a smooth mouthpiece, and can help to prevent the horse from leaning.



ROUND TWIST

The Round Twist creates more pressure points on the bars making it a stronger bit.



SQUARE TWIST

The Square Twist will create more pressure points on the mouthpiece which will make it stronger than the Round Twist and Smooth.



SQUARE BAR

The square bar provides a flat comfortable surface, when the reins are taken up the bit rotates in the mouth providing an increasing edge.



LEATHER

The leather provides a natural, malleable surface for the horse's bars.



POLITO

The flattened Polito mouthpiece sits more comfortably when in neutral but comes on stronger than the equivalent standard mouthpiece as pressure is applied over an increasingly smaller area.

SOFTENERS



COMF

The mouth pieces are curved more than the conventional, which reduces pinch and pressure points on the bars.



LOCK UP

The Lock Up snaffle removes the nut cracker action of the conventional snaffle, meaning less pressure on the bars.



ULTRA-COMFY

The Ultra-Comfy mouthpiece has been ergonomically shaped, offering a generous curve, to follow the shape of the horse's mouth. It incorporates the Comfy bend to decrease the pinch and nutcracker effect of conventional bit designs and adds a vertical twist upwards creating some tongue relief.





The mouthpiece is fixed between cheek pieces, optionally offering tongue relief in the form of a port. When used in conjunction with a fixed cheekpiece it should fit tightly to eliminate any sideward movement. If used with a loose ring, a small allowance must be made, add 5mm to eliminate any chance of pinching.

BOMBER BLUE



Available in 4 different port sizes.

CODE	MODEL	WIDTH	INCHES	THICKNESS
	Pony	90 - 105	3.5" - 4"	B14/07
DD00	Narrow	110 - 115	4.25" - 4.5"	B14/08
BB00	Standard	120 - 130	4.75 - 5"	B16/09
	Wide	135 - 155	5.25" - 6"	B18/10





The Bomber Blue is a unique bit which produces amazing results for the majority of horses. The mouthpiece is ported to give tongue relief. The nylon composite material is light in the mouth and encourages salivation. It is particularly well suited to horses that object to metal mouth pieces.



Our first choice for starting any young horse, it is easily accepted, it gives tongue relief, it's light, non-metal and encourages salivation. If in doubt, go with the Bombers suggested thickness for your width.









SPECIALISATIONS



BAR ADAPTATIONS

SOFTNERS

BOMBER BLUE MULLEN



Available horizontal, 45 degrees & vertical

CODE	WIDTH (mm)	INCHES	THICKNESS
BBMU	125 - 160	5" - 6.25"	B18





The Mullen distributes pressure evenly over all the structures of the mouth, while this avoids pressure points, it does make the Mullen a fairly strong bit. The material used allows the bit to remain light and it encourages salivation. It is particularly well suited to horses that object to metal mouth pieces.



This is Bomber's version of the vulcanite, it is lighter and stronger and would be recommended for the older horse.









DRESSAGE PORT



CODE	MODEL	WIDTH (mm)	INCHES	THICKNESS
	Pony	100 - 110	4 - 4.25"	B12
FP00	Narrow	115 - 130	4.5" - 5"	B14
	Standard	135 - 160	5.25" - 6.25"	B16



The Dressage Port allows for tongue relief and is angled slightly forward. This forward angle encourages the nose to extending slightly past the vertical.



Bomber developed this mouth piece in collaboration with Paul Fielder, renowned International Dressage Instructor and would recommend it for a horse with a narrow lower jaw and fleshy lips.









HAPPY TONGUE



Available in 4 different port sizes, scaled according to width

CODE	MODEL	WIDTH (mm)	INCHES	THICKNESS
	Pony	90 - 105	3.5" - 4"	B12/07
LITOO	Narrow	110 - 115	4.25" - 4.5"	B12/08
HT00	Standard	120 - 130	4.75" - 5"	B14/09
	Wide	135 - 160	5.25" - 6.25"	B16/10



The Happy Tongue is a solid mouthpiece uniquely ported to give maximum tongue relief. The standard Happy Tongue is curved to be softer on the bars and slow in applying tongue pressure.



This is by far our most successful design - we recommend for all young horses and those that show tongue sensitive signs. The narrower ports have been scaled according to each width. This ensures accurate fitting over the bars and eliminates the rocking movement which occurs when the port is too wide.









SPECIALISATIONS



CHERRY ROLLER



BAR ADAPTATIONS

SOFTNERS

Variant

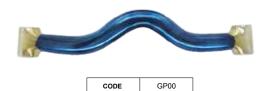


The Happy Tongue Straight is a solid mouth bit which is ported to relieve tongue pressure but is not curved. This makes it slightly stronger than the curved Happy Tongue. The Happy Tongue Straight suits a horse with a short mouth / smile.



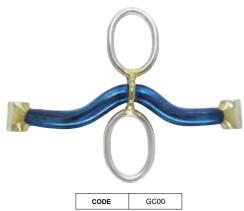
Available in a forward version

Variant — GAVIN PORT



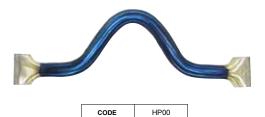
The Gavin Chaplin has a port creating space for the tongue, relieving some pressure. It is a strong bit which creates direct pressure on the bars. Visit GavSays.com to meet the man behind this particular design.

Variant — GAVIN CHAPLIN



Generally Bomber would recommend tongue relief bits to overcome the problem of the horse putting its tongue over the bit, however this mouth piece offers a solution. The spinner sits on top of the horses tongue and prevents the horse putting its tongue over the bit. Visit GavSays.com to meet the man behind this particular design.

Variant — HIGH PORT



This is Bombers Western High Port mouth piece offering tongue relief.

MULLEN



Available with a horizontal, 45 degree and vertical curve

CODE	WIDTH	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
MU00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Mullen is a strong bit which creates direct pressure on the tongue. Used to bring the head down..



Bomber would prefer to offer an alternative where possible. However, we find that some horses respond well to this, particularly the older horse that accepts tongue pressure.









SPECIALISATIONS



BAR ADAPTATIONS



CORKSCREW ROUND TWIST



SQUARE TWIST

SOFTNERS

Variant





This straight bar with 3 rollers and rotating side pieces applies direct tongue and bar pressure, this is an ideal schooling bit as the rotating pieces prevent the horse from taking hold of the bit while keeping its attention on the bit.

CODE LB00

SEMI-BROKEN



The centre joint is hindered from making its full movement, thereby limiting the bit's action and lessening the pinch.

BARREL



CODE	WIDTH (mm)	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
BA20	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16

Available with a larger 30mm barrel



The Barrel joint limits the nut cracker action, which spreads the pressure over a larger area of the tongue and lessens the pressure on the bars.

The Barrel allows for independent action on each rein.

Please note, this bit exerts sharper tongue pressure than the Elliptical due to the Barrel being smaller.



Bomber recommends this to eliminate the nutcracker action of a single joint if the horse pokes or flicks its nose in the air showing signs of objecting to the pinching of the tongue and bar. The independent action on each rein allows the rider to lift one shoulder.









SPECIALISATIONS



SOFTNERS

VARIANT -



BARREL 30

The wider barrel 30 concentrates pressure on the tongue and further limits the nutcracker action. Bomber recommends the wider barrel to bring the head down without extending the nose.

The port creates relief for the tongue while the barrel joint relieves pinch on the

VARIANT





CODE	WIDTH (mm)	INCHES	THICKNESS
	100 - 110	4" - 4.25"	B12
BP00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



bars, while still allowing for individual lateral aids.



Bomber's development which offers tongue relief, recommended for those horses that do not settle with the Happy Tongue.









ELLIPTICAL LOCK UP



CODE	WIDTH (mm)	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
ELLU	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Elliptical Lock Up removes the nut cracker action or pinch of the conventional three piece, meaning less pressure on the bars. The Elliptical Lock Up is therefore a softer option, than a conventional Elliptical, although stronger than a control



Recommended by Bomber for tongue sensitive horses. This would be recommended for horses lifting, poking or flicking their heads.











COMFY

ELLIPTICAL ULTRA-COMFY LOCK UP



CODE	WIDTH	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
EULC	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16

The Ultra-Comfy shape is such that it follows the contour of the horse's tongue. The centre elliptical joints have been double locked to ensure that the angle over the tongue remains correct, even when the reins are taken up, it retains the individual lateral aids.









LOCK UP



CODE	WIDTH (mm)	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
SNLU	115- 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Lock Up snaffle removes the nut cracker action or pinching of the conventional snaffle, meaning less pressure on the bars.



Recommended by Bomber for tongue sensitive horses. This would be recommended for horses lifting, poking or flicking their heads.









SPECIALISATIONS

BAR ADAPTATIONS





COMFY

SNAFFLE ULTRA-COMFY LOCK UP



CODE	WIDTH (mm)	INCHES	THICKNESS
SULC	90 - 110	3.5" - 4.25"	B12
	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16

The Ultra-Comfy shape is such that it follows the contour of the horse's tongue. The centre joint has been double locked to ensure that the angle over the tongue remains correct, even when the reins are taken up, it retains the individual lateral aids.















Removes the centre links, creating a smooth more comfortable mouthpiece with some rigidity which limits the nutcracker effect. There is some spring back which offers quick release from pressure. The cable allows for some lateral independence between each rein.

ELLIPTICAL CABLE



CODE	WIDTH (mm)	INCHES	THICKNESS
EC00	90 - 110	3.5" - 4.25"	B12
	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



Bomber's new Cable Elliptical applies pressure on the tongue to bring the head down. The Elliptical applies sharper pressure than the control plate, while the cable offers a "spring-back" action together with the elimination of the links joining the 3 pieces which further reduces pressure in all areas, making this softer than conventional Ellipticals.



Bomber recommends this when the horse is operating well with a 3 piece bit as this option further reduces pressure points of the links and offers quick release due to the spring











Double break bits have a middle component that sits on the tongue. Some extent of pinch

SNAFFLE CABLE



CODE	WIDTH (mm)	INCHES	THICKNESS
SC00	90 - 110	3.5" - 4.25"	B12
	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



Bomber's new development of the Snaffle Cable reduces the nutcracker action while the added benefit of the "spring-back" action of the cable further reduces pressure in all areas and by eliminating the link joining the mouth pieces a further pressure point is removed, thus making this softer than conventional snaffles.



Bomber recommends this as a softer option if the horse accepts the single break mouth piece.











When applied the single break snaffle pinches the bars and tongue raising the head.

WATERFORD CABLE



CODE	WIDTH (mm)	INCHES	THICKNESS
WC00	100 - 110	4" - 4.25"	B14
	115 - 130	4.5" - 5"	B16
	135 - 160	5.25" - 6.25"	B18





The new Waterford Cable has many smooth flexible components which spread the pressure making it a light mouthpiece. The spring-back action of the cable reduces pressure in all areas. The greater flexibility discourages a horse from leaning on it, it also promotes mouthing and salivation. The Waterford is usually worn 1/2" or 5mm - 10mm longer than your traditional

mouthpiece in order to curve around the tongue and maximise the effect.



Bomber recommends this as a softer option to the traditional Waterford due to the spring back action.









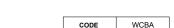


Flexible mouthpieces wrap around the horse's tongue and bars spreading the pressure.

VARIANT

WATERFORD CABLE BARREL

Bomber would offer the Waterford cable barrel in preference to the bobble type as it has the added benefit of spreading the pressure over a greater surface area making it softer and more comfortable. Especially recommended for the sensitive fussy mouth.







FLEXIBLE MULLEN



CODE	WIDTH (mm)	INCHES	THICKNESS
MUFL	100 - 130	4" - 5"	B14
WOFL	135 - 160	5.25" - 6.25"	B18





An internal stainless steel cable covered with a bespoke non-toxic, UV resistant PVC tube offering an exceptionally soft and evenly distributed pressure over tongue and bars. Especially good for the horse that objects to metal. As with all our steel components, the cable and cheek piece will be covered by our lifetime guarantee.



Bomber's popular development made with a soft tube which curves around the tongue applying some tongue and bar pressure, softer than other flexible mouth pieces. Recommended for the sensitive fussy mouth.









SPECIALISATIONS

BAR ADAPTATIONS

SOFTNERS

LEATHER MULLEN



CODE	WIDTH (mm)	INCHES	THICKNESS
MULT	100 - 160	4" - 6.25"	B18





The leather mouthpiece is flexible making it softer than the conventional steel Mullen. The leather distributes the pressure evenly over the contour of the horse's mouth. Leather is sometimes better accepted by the horse as it is a natural material. Care needs to be taken to ensure the bit is correctly looked after and the leather does not dry out and become cracked. As with all our steel components, the cable and cheek piece will be covered by our lifetime guarantee.



Bomber recommends this for a limited number of horses with a sensitive fussy mouth.









REVERSIBLE LINK



CODE	WIDTH (mm)	INCHES	THICKNESS
RL00	120 - 160	4.75" - 6.25"	B14

The links allow the mouth piece to wrap over the tongue, the links are stronger than the Waterford due to the reduced surface area. This versatile bit can be flipped and used either way with the teeth edge providing a sharper mouth piece while the smoother curved edge creates a more forgiving and softer bit. Great bit for the experienced rider.



Bomber recommends this for a limited number of horses as there are many alternatives offering softer options.









WATERFORD



CODE	WIDTH (mm)	INCHES	THICKNESS
	100 - 110	4" - 4.25"	B14
WF00	115 - 130	4.5" - 5"	B16
	135 - 160	5.25" - 6.25"	B18



The Waterford bit has many smooth flexible bobbles which spread the pressure making it a light mouthpiece. The mouthpiece curves around the tongue applying even tongue and less bar pressure. The greater flexibility discourages a horse from leaning on it, it also promotes mouthing and salivation. The Waterford is usually worn $\frac{1}{4}$ " - $\frac{1}{2}$ " or 5mm - 10mm longer than your traditional mouthpiece in order to curl around the tongue and maximise the effect.



Bomber recommends this for horses with tongue sensitive fussy mouths.









VARIANT



CODE WFBA

WATERFORD BARREL

The Waterford Barrel has many smooth flexible barrels which spread the pressure slightly more than the bobble / ball version, making it a little lighter.







Broken bits are made of 2 or 3 components. Double break bits have a middle component that sits on the tongue, while some extent of pinch will occur. Single break bits, when applied the snaffle pinches the bars and tongue raising the head. Both should be sized 10-15mm larger than a solid mouthpiece.

BARRIE



CODE	WIDTH (mm)	INCHES	THICKNESS
BE00	125 - 160	5" - 6.25"	B08

The Barrie is a severe bit due to the centre links of the two pieces being offset giving it a double nutcracker action, which creates more tongue and bar pressure.



Excessive bit causing severe pinching of the tongue and bars. Bomber would prefer to offer a softer alternative where possible; such as the Buster Roller, which is recommended for strong older horses or with a low head carriage.



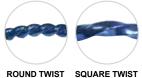






SPECIALISATIONS

BAR ADAPTATIONS





POLITO

VARIANT

REVERSIBLE BARRIE

SOFTNERS



The Barrie Reversible is a versatile bit that can be flipped and used either way. The Round Twist providing a harder bit and the Smooth creating a more forgiving and softer bit. Great bit for the experienced rider and strong older horses.

BUSTER ROLLER



Available in a ported version called the McHardy.

CODE	WIDTH (mm)	INCHES	THICKNESS
BR00	90 - 110	3.5" - 4.25"	B12
	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Buster Roller link is shortened which increases bar and tongue pressure making this mouthpiece sharper than conventional link bits. The increased pressure on the bar will lift the head and the roller will increase pressure on the tongue bringing the chin in. Best suited for a horse with a low head carriage and which leans on the bit.



Bomber recommends this mouth piece as an alternative to the Barrie, it is kinder and achieves a similar result. Recommended for horses that are built downhill.









SPECIALISATIONS



PETROS

BAR ADAPTATIONS



CORKSCREW



ROUND TWIST



SQUARE TWIST



POLITO

SOFTNERS

COLIN MILES



CODE	WIDTH (mm)	INCHES	THICKNESS
CM00	125 - 130	5" - 5"	B14
CIVIOU	135 - 160	5.25" - 6.25"	B16



The Colin Miles is a great schooling bit with a wide centre piece creating greater tongue pressure and reducing bar pressure. The rings give the horse something to play with and help keep the horses attention on the bit.

This particular joint exerts more pressure than the Control Plate or Elliptical.



Recommended schooling bit, the link is wider than the Buster Roller increasing tongue pressure and lessening bar pressure, but not to underestimate that this is a strong mouth piece.









SPECIALISATIONS





PETROS

CHERRY ROLLER

BAR ADAPTATIONS

SOFTNERS

CONTROL PLATE



CODE	WIDTH (mm)	INCHES	THICKNESS
CP45	90 - 110	3.5" - 4.25"	B12
	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Bombers Control Plate is set at 45° to follow the contour of the horses tongue. The plate sits flat on the tongue offering a kind pressure which will bring the head in



Bomber's popular mouthpiece recommended over the elliptical, appreciated by horses that accept tongue and some bar pressure.









SPECIALISATIONS





PETROS

VARIANT

CHERRY ROLLER

BAR ADAPTATIONS







ROUND TWIST



SQUARE TWIST

SOFTNERS

DRESSAGE CONTROL

Approved by the BD, EA, FEI, the Dressage Control is narrower than the conventional Control Plate and applies sharper tongue pressure.

CODE CD00

ELLIPTICAL



CODE	WIDTH (mm) INCHES		THICKNESS
	90 - 110	3.5" - 4.25"	B12
EL00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



The Elliptical is stronger than the Control Plate due to it concentrating pressure onto a smaller surface area. This bit will suit a horse that pushes the bit with its tongue. The horse will draw its head back and tuck its chin in, finding a better balance of control.



Bomber recommends this conventional mouth piece for both schooling and competition, it applies sharper pressure than the plate to the tongue and similar pressure to the bar, bringing the head down.















VARIANT **ELLIPTICAL B**



CODE

The Elliptical "B" is a shorter lozenge, which gives a similar action as the Buster Roller. It encourages the horse to lift its head by applying bar pressure, but it is slightly softer than the Buster roller due to the bigger surface area on the tongue. The lozenge on the tongue will keep the horse's attention on the bit and will increase pressure bringing the chin in.

ELLIPTICAL ROLLER VARIANT



CODE ER00 The Elliptical Roller is stronger than the Control Plate due to it concentrating pressure onto a smaller surface area. This bit will suit a horse that pushes the bit with its tongue. The horse will draw its head back and tuck its chin in, finding a better balance of control. The roller keeps the horse's attention on the bit.

VARIANT **ELLIPTICAL ULTRA-COMFY**



The mouthpiece has been ergonomically shaped, offering a generous curve, to follow the shape of the horse's mouth.

ELLIPTICAL DRESSAGE



CODE	WIDTH (mm) INCHES		THICKNESS
EFCM	1 12 12 1 1 1 1	4.75" - 5"	B14
EFGM	135 - 160	5.25" - 6.25"	B16

The Elliptical Dressage is shorter, increasing tongue and bar pressure. The mouth pieces are curved Comfy to soften the bar pressure. The mouth pieces and lozenge are ground flat to distribute the pressure evenly over tongue and bars, which together with the offset links further reduce pressure points. Allowing for a more accepted contact, relaxing and extending the nose slightly.

- Head in, nose extended, contact accepted



Bomber recommends this for schooling and competition work, this offers more relief from bar pressure and will lower the head.









VARIANT

ELLIPTICAL DRESSAGE CONTROL

The Elliptical Dressage spreads pressure over the tongue. The mouth pieces are curved Comfy to soften the bar pressure. The mouth pieces and lozenge are ground flat to distribute the pressure evenly over tongue and bars, which together with the offset links further reduce pressure points. Allowing for a more accepted and relaxed contact, the horse will draw its head back and tuck its chin in, finding a better balance of control.

- Head in, contact accepted









WIDTH (mm) INCHES THICKNESS 120 - 130 4.75" - 5" B14 EDCM 135 - 160 5.25" - 6.25"

McHARDY



CODE	WIDTH (mm) INCHES		THICKNESS
MH00	125 - 130 5" - 5"	5" - 5"	B14
IVII IOO	135 - 160	5.25" - 6.25"	B16

A horse shaking its head when bit pressure is applied or its tongue trying to escape the bit are classic signs the horse has a sensitive tongue. With this in mind the McHardy was created, it has a medium port creating space for the tongue relieving pressure. The Buster Roller in the middle increases bar pressure and as a result lifts the horse's head and gives more control.











SARA GRILLS



CODE	WIDTH (mm) INCHES		THICKNESS
	90 - 110	3.5" - 4.25"	B12
SG00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16

The stainless steel link joins the sweet iron mouth pieces. The link applies sharp tongue pressure and there will be some bar pressure and pinch.

Bomber recommends this for a horse that bears down or has a low head carriage, this will lift the head and lighten the contact.









SPECIALISATIONS

BAR ADAPTATIONS







ROUND TWIST



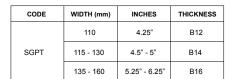
SQUARE TWIST

SOFTNERS

VARIANT

PORTED SARA GRILLS





The ported Sara Grills was created for horses with a sensitive tongue. Similar to the McHardy but has a narrower port. The small centre link increases bar pressure and as a result extends the head and brings the nose in giving more control.

Suitable for the horse with a smaller mouth size of 100 - 120 where the McHardy port is too wide.









SEGUNDO



CODE	WIDTH (mm) INCHES		THICKNESS
	90 - 110	3.5" - 4.25"	B12
SE00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16

The Segundo alleviates tongue pressure while keeping an even pressure on the bars, encouraging the horse to stay light to the contact. Horses find it difficult to lean on this mouthpiece or put their tongue over the bit.



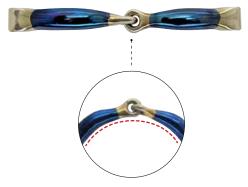








SNAFFLE



Available in a comfy version.

CODE	WIDTH (mm)	INCHES	THICKNESS
	90 - 110	3.5" - 4.25"	B12
SN00	115 - 130	4.5" - 5"	B14
	135 - 160	5.25" - 6.25"	B16



Our Snaffle is a popular bit due to the curved mouthpiece which distributes pressure more evenly over tongue and bars and reduces the nutcracker action. The offset centre link avoids the usual pressure point on the tongue.

The nutcracker action results in the horse lifting its head, therefore offers a solution for the horse that runs with its head down.



Bombers subtle innovations make this bit far more acceptable than the traditional counterparts.









SPECIALISATIONS



CHERRY ROLLER PETROS

BAR ADAPTATIONS



CORKSCREW



ROUND TWIST SQUARE TWIST SQUARE BAR







SOFTNERS

VARIANT

SNAFFLE ULTRA-COMFY

POLITO



The nutcracker action, pinches the bars and tongue, lifting its head. The offset centre link avoids a pressure point on the tongue. The ergonomic shape offers a generous curve following the shape of the horse's mouth.

SPINNER



Available in a Lock-Up version.

		-	
CODE	WIDTH (mm)	INCHES	THICKNESS
SP00	125 - 130	5" - 5"	B14
0. 00	135 - 160	5.25" - 6.25"	B16

The Spinner sits on top of the horses tongue and prevents the horse putting its tongue over the bit.









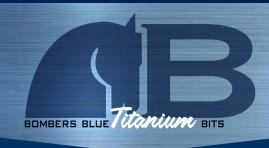


SPECIALISATIONS



BAR ADAPTATIONS SOFTNERS

EXCITED TO INTRODUCE OUR NEW RANGE

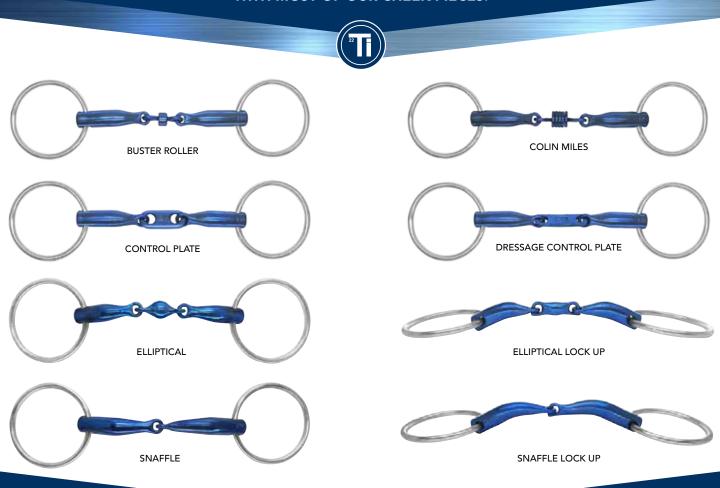




THE NATURE OF TITANIUM BRINGS A NUMBER OF POSITIVES TO THE PROVEN BOMBERS BITTING PHILOSOPHY, SPECIFICALLY, FOR THE HORSES WHO NEED AN ALTERNATIVE MATERIAL.

- Antibacterial & biocompatible
- Superior strength and extremely lightweight in the mouth.
- Increases saliva, warm to the touch and encourages acceptance
- Non-toxic and hypoallergenic
- Low maintenance, easy to clean

INITIALLY AVAILABLE IN THE FOLLOWING MOUTHPIECES, IN COMBINATION WITH MOST OF OUR CHEEK PIECES.



Available in widths from 90 - 160 and thickness B10, B13, B16. The Happy Tongue is available in B13/08 & B16/10.







"IT WAS LIKE A DIFFERENT HORSE, SO MUCH MORE CONFIDENT AND HAPPIER IN CONTACT."





REBECCA FINISHED 2ND IN THE ADVANCED MEDIUM LEVEL AT THE WELLINGTON PREMIER LEAGUE, EARNING HER A PLACE AT HICKSTEAD CDI, WHERE SHE FINISHED 2ND THREE TIMES. IN BELGIUM AT THE WAREGEM CDI SHE WON TWO CLASSES AND CAME 2ND IN ANOTHER, WITH A PERSONAL BEST OF 75.8% IN THE FREESTYLE. WHAT A PERFECT END TO REBECCA'S 2017 SEASON.





GREY

Utilises no pressure, the optimum case however this is not realistic in every situation.

GREEN

Registers a light pressure, applied over a large surface area to achieve a better positioning of the head.

NONE LIGHT MEDIUM HEAVY

ORANGE

Indicates that medium pressure is being applied to correct a problem or to achieve necessary control.

DEN

Is the maximum pressure, the rider should be cautious and question this

HEAD PRESSURE POINTS



Cheek pressure is useful for schooling, encouraging flexion and directing the horse.



Curb pressure may be necessary to improve control, as well as to encourage the chin to tuck in. Curb chain pressure is severe due to the sensitive area of application but can be softened by distributing the pressure to other areas such as mouth and poll. Nylon or leather back straps are a softer option to a curb chain.



Poll pressure is applied through the bridle and will increase proportionally to the length of the bits upper shank/purchase. When applied to a horse that accepts this form of pressure it will bring the head down. Poll pressure is usually used in conjunction with other pressure points, making it more accepted.

TYPES OF CHEEKPIECES



A loose cheek piece moves vertically through the mouthpiece. Bombers bits are carefully chamfered by hand to minimise any pinch, although add 5mm in width when using a loose cheek piece.



A fixed cheek piece is designed to sit closely to the horses lips, it encourages flexion.



This unique group of cheek pieces are fixed against the cheek and exhibit the positive features of a loose ring.

LOOSE			
2½, 3 & 4 RING	LOOSE RING		
AMERICAN GAG	RH		
CURB GAG	SH		
CURB GAG LOOSE RING	TAYLOR TOM THUMB		
GAG	ТОМ ТНИМВ		
HITCHCOCK	WILKIE		
HYBRID	WILLIAMS		

FIXED			
FULL CHEEK			
FULL CHEEK GAG			
HALF SPOON			
KIMBLEWICK			
LIVERPOOL			
PELHAM			
SWALES PELHAM			
STOCKMAN			
TRAINING			
WEYMOUTH			

FIXED & LOOSE			
HACKLAND GAG	LOOSE RING TUBE		
EGGBUTT LOOSE RING	RUGBY PELHAM		
FULMER LOOSE RING	RUGBY WEYMOUTH		

SPECIALISATIONS



The T-Bar was developed by Bomber for Polo, it will have the same effect as the traditional Fulmer in that it will prevent pinching on the sides of the mouth however the shortened and extended pins above and below the bit prevent the bit firstly being pulled through the mouth and secondly has the effect of guiding the horses head into the direction the bit is facing which is great for schooling and training purposes.





ACADEMIC CURB



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
AC00	83mm	25mm	145mm	60mm

The Academic Curb is a cheek piece made for a specific type of training. The cheek piece will create poll pressure, leverage on the mouth piece and curb pressure through the curb chain. Pressure will be brought in very quickly and released slowly. It is not paired with a Bradoon. This cheek pieces works best for the well-trained horse and rider.









DEE



CODE	MODEL	WIDTH	HEIGHT
DE00	Standard	82mm	92mm
DEPS	Pony	68mm	66mm

The Dee Ring is similar in action to the Eggbutt, it prevents pinching and gives a slightly more solid feel against the cheeks. This prevents the bit from being pulled through the mouth. The release is slower and some slight poll pressure is introduced.



Traditional fixed cheek introducing light poll pressure and no pinching.









VARIANT



CLASSIC DEE

CODE	CD00



KIMBERLEY DEE

CODE KD00

DROP CHEEK



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
DC00	Standard	55mm	100mm	40mm
DCPS	Pony	45mm	82mm	33mm

The Drop Cheek has an Eggbutt like ring at the mouthpiece for the rein, with an upper cheek that has a ring at its end, to which the cheek piece of the bridle is attached.

The cheekpieces lie flat against the horse's face, and the mouthpiece is quite fixed in the mouth and concentrates pressure on the bars.



Traditional fixed cheek with no pinching, Bomber recommends this for young riders.











CODE	D600
------	------

DC MORGAN



CODE	WIDTH	HEIGHT
DM00	80mm	125mm

The DC Morgan was designed to remove as many pressures as possible, creating a safe comfortable communication. The key feature of the cheekpiece is the loose ring which attaches to the bridle, which can also rotate, ensuring the poll and cheek area is relieved from any rein engagement. The reins are attached to the large dee, which swings open independently of the cheekpiece. The mouthpiece is fixed to the cheekpiece, with a solid surface area to encourage flexion.



Bomber is very excited about this innovation, he designed the DC Morgan to remove pressures. Please ensure it is fitted tightly so there is no sideways movement of the mouthpiece, further to this point Bomber suggests using a bit strap. The DC Morgan is available in other mouthpieces although Bomber strongly recommends this cheek piece with a ported Bombers mouthpiece that ideally also swivels, so it can naturally adjust with the horses movements, maintaining a comfortable position.









VARIANT — DC RACING



CODE	DMRA

EGGBUTT



CODE	MODEL	WIDTH	HEIGHT
EG00	Standard	75mm	78mm
EGPS	Pony	60mm	66mm
EGSA	Saddler	60mm	60mm

BRADOON

CODE	MODEL	WIDTH	HEIGHT
EGBR	Bradoon	60mm	66mm
EGSB	Saddler	46mm	48mm

The Eggbutt cheek piece prevents pinching of the lips and gives a solid feel against the side of the face. It also prevents the bit being pulled through the mouth. The release is slower than the loose ring and also introduces light poll pressure.



Traditional fixed cheek introducing light poll pressure and no pinching.









VARIANT -



EGGBUTT LOOSE RING





EGGBUTT GAG

CODE	EGGA
------	------



EGGBUTT 21/2 RING

CODE	F200



EGGBUTT ½ RING

CODE	I F2HR

FULL CHEEK



CODE	MODEL	WIDTH	HEIGHT
FU00	Standard	60mm	160mm
FUPS	Pony	45mm	120mm

The Full Cheek will prevent pinching on the sides of the mouth, and the extended pins above and below the bit, firstly prevent the bit being pulled through the mouth and secondly aid guiding the horse's head which is great for schooling purposes. As with the Eggbutt, the release is slower than the loose ring and also introduces light poll pressure.



Bomber would recommend this fixed cheek for schooling and for those horses that drift.











FUGA



FULMER LOOSE GAG

CODE	FR00
------	------

HALF SPOON

CODE



CODE	MODEL	WIDTH	HEIGHT
HS00	Standard	70mm	130mm
HS0S	Straight	70mm	130mm
HSPS	Pony	55mm	105mm
HSSA	Saddler	55mm	105mm

The Half Spoon has only a lower half of a full cheek. The cheek prevents pinching on the sides of the mouth. The bit provides some lateral guiding and is more fixed in the mouth than the Loose Ring.



Recommended for driving, this fixed cheek provides lateral aids and prevents pinching.









KIMBLEWICK



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
KI00	Standard	70mm	145mm	73mm
KIPS	Pony	60mm	110mm	47mm

Supplied with a nylon back strap.

As with the Pelham, the action of the Kimblewick is dependent upon the position of the riders hands. The rein slides on the Dee shaped bit ring.

If the hands are lowered prior to pressure being applied to the reins, the rein will slide about an inch and the bit will assume roughly a 45° angle in the mouth. Causing the mouthpiece to act in a downward and backward motion on the lower jaw, this is complemented by a downward pressure on the poll, giving the bit a lowering action. There are 3 rein settings which increase or decrease the pressure.



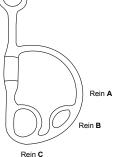
Bomber would recommend this for the more experienced rider and for show jumping and eventing where the multiple pressure settings allow for quick adjustment.











REINS CAN BE ATTACHED AT:

- A Removes the poll pressure decreasing the mouthpiece leverage.
- **B** Introduces light poll pressure leveraging the mouthpiece.
- C Introduces poll pressure leveraging the mouthpiece.



CODE

K600

PELHAM



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
PE55	55 Shank	50mm	115mm	30mm
PE75	75 Shank	50mm	135mm	30mm
PEPS	Pony	50mm	100mm	30mm

Supplied with stainless steel curb chain and hooks

The Pelham has attachments for two reins, one near the mouthpiece and one at the end of the shank. Some riders, may prefer to use rein connectors. The Pelham 55mm shank will exert moderate poll pressure and leverage on the mouthpiece and curb.



Traditional cheek piece with curb chain, introduces poll, tongue and curb pressure.









VARIANT -



RUGBY PELHAM

CODE	MODEL
RP55	55 Shank
RP75	75 Shank
RPPS	Pony



SWALES PELHAM

C	DDE	MODEL
SI	P55	55 Shank
SI	P75	75 Shank



WATSON PELHAM

CODE	MODEL
BWPPOMU00	Standard
BWRPOMU00	Ring Shank

STOCKMAN



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
ST14	Standard	40mm	140mm	50mm
ST18	Long	40mm	190mm	50mm

The Stockman is an alternative to the Pelham with a nylon backstrap in place of a curb chain. A combination of rein placements is possible, to adjust the pressure to each horse. The shank is longer than a Pelham, but the swept back angle of the shank softens the pressure and allows the horse to graze with the bit in. This makes the cheek piece popular in Endurance.









VARIANT -





CODE	MODEL
GR14	Standard
GR18	Long



WESTERN

CODE	MODEL
WT14	Standard
WT18	Long

TRAINING



CODE	WIDTH	HEIGHT	PURCHASE
TR00	80mm	110mm	30mm

The Training cheekpiece is designed for training and schooling horses. It offers positive pressure on the side of the face when using the reins to turn. The reins are connected to the inner ring. Although very similar in action to the Williams cheekpiece, it does eliminate the tendency of the cheekpiece to twist when using an open rein.









WEYMOUTH



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
WEF5	55 Shank	32mm	117mm	45mm
WEF7	75 Shank	32mm	136mm	45mm
WEPS	Pony	25mm	100mm	38mm
WESA	Saddler	30mm	180mm	43mm

Supplied with stainless steel curb chain and hooks

The Weymouth works on several parts of a horse's head and mouth. The 55mm shanks add leverage, although less than the 75mm shanks, and place pressure on the poll via the poll strap of the bridle and to the chin groove via the curb chain.



Bomber's traditional cheek piece fixed to comply with FEI requirements and used with a curb chain, therefore pressure is applied to the poll and curb.









VARIANT -



RELAXED PERFORMANCE WEYMOUTH

CODE	MODEL
WPS5	55 Shank
WPS7	75 Shank



RUGBY WEYMOUTH

CODE	MODEL		
RWF5	55 Shank		
RWF7	75 Shank		
RWPS	Pony		
RWSA	Saddler		





A loose cheek piece moves vertically through the mouthpiece. Bombers bits are carefully chamfered by hand to minimise any pinch, although add 5mm in width when using a loose cheek piece.

21/2 RING



CODE	MODEL	WIDTH	HEIGHT
2R00	Standard	78mm	130mm
2RPS	Pony	66mm	110mm

Supplied with a nylon back strap

A ring cheek piece introduces poll pressure as well as creating leverage on the mouth-piece, the $2\frac{1}{2}$ Ring version is the softest out of the 3 or 4 ring alternatives as the $\frac{1}{2}$ ring softens the leverage on the mouthpiece and poll.



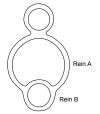
Recommended as an alternative to the conventional 3 or 4 ring bit. As the $\frac{1}{2}$ ring lessens the leverage on the poll and mouthpiece. A backstrap is recommended.











REINS CAN BE ATTACHED AT:

- A Removes the poll pressure decreasing the mouthpiece leverage.
- B Introduces poll pressure leveraging the mouthpiece.

SPECIALISATIONS



T-BAR

VARIANTS



3 RING

CODE 3R00



4 RING

CODE 4R00

AMERICAN GAG



CODE	MODEL	WIDTH	HEIGHT	SHANK
AG20	Standard	50mm	200mm	130mm
AG23	Long	50mm	230mm	160mm

AG23 Long 50mm 230
Supplied with a nylon back strap.

The American Gag has a long curved shank with rings at either end. This setup creates a lot of poll pressure and leverage on the bit.



Bomber would prefer to offer an alternative to this cheek piece. While allowing adjustable setting for poll pressure this cheek piece is capable of applying excessive poll pressure as well as applying curb pressure when using a back strap.









CURB GAG



CODE	WIDTH	HEIGHT
GACU	85mm	105mm
GACP	70mm	90mm

Supplied with leather curb strap.

The Curb Gag uses the concept of a Rope gag but instead of applying poll pressure, it is used to apply curb pressure from the second/bottom rein. Although poll pressure is not totally removed as there is a similar action to the Ring or Drop Cheek on the bit/top rein. Note this bit must be used with 2 reins.



Bomber would recommend that Ideally the curb gag should be used with two reins, slight poll pressure is applied while stronger curb pressure is applied through the bottom rein which will lift the head.









VARIANT -

CURB GAG LOOSE RING

This variation of the Curb Gag removes poll pressure, keeping the Curb Gag's action to the curb strap with some leverage on the mouth piece.



CODE

GAG



GACR

CODE	MODEL	WIDTH	HEIGHT
GAMR	Medium	83mm	80mm
GABR	Large	115mm	115mm

Supplied with gag ropes.

A gag works by lifting the bit in the mouth in order to encourage the head to be raised. Often used on strong horses that like to lower their heads in order to escape the action of the bit in the mouth and get very strong. When pressure is applied to the rein, the bit is lifted in the mouth and poll pressure is applied. The bit also rotates slightly in the mouth putting more pressure on the tongue and bars. To be correctly used, it must be used with two reins one on the gag rein and one on the bit, only bringing the gag rein into play when needed, although most people ride on the gag rein only.



Bomber would prefer to offer an alternative to this cheek piece which is used to Lift the bit in the mouth encouraging the head to lift, poll, bar and tongue pressure is applied. When used correctly with two reins, one on the gag rein and one on the bit, the gag rein only comes into effect when necessary.









SPECIALISATIONS



T-BAR

VARIANT — HACKLAND GAG



CODE	HAGA
------	------

HYBRID



CODE	WIDTH	HEIGHT	SHANK	PURCHASE
BH00	70mm	197mm	95mm	70mm

Supplied with a nylon back strap, and rubber nose band

The Bomber Hybrid is a combination of a mechanical hackamore and American Gag, giving it the combined effects of the hackamore and the bit. Ideal for strong sensitive mouthed horses as it distributes pressure uniformly on the nose, mouth and the poll

The reins can be attached at various positions to allow for varying degrees of leverage. The amount of movement in the mouthpiece can be altered by moving the stopper above the mouthpiece. The nose piece is padded for the horse's comfort and a nylon curb strap is included.

Care must be taken that, as with any mechanical hackamore, the noseband sits above the nasal bone.



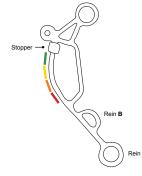
Bomber recommends that this sophisticated combination bit is suitable for experienced riders to use on a strong but sensitive horse, the adjustable settings offered for rein attachments will vary pressure on the nose, tongue and curb.











The stopper can be adjusted with the Allen key provided. Ensure the bit stopper is set evenly on both sides.

As the stopper is set further down:

The purchase grows, increasing the:

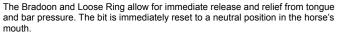
- Mouthpiece leverage
- · Poll pressure
- · Backs trap & nose band pressure

REINS CAN BE ATTACHED AT:

- A the recommended position, the hybrid is a strong device, the longer shank allows for more hand movement
- **B** shortening the shank, increases the responsiveness of the device. This requires excellent hands.

LOOSE RING







Bomber's preferred choice over other cheek pieces as the loose ring allows for immediate release and relief from tongue and bar pressure.









STANDARD

STANDARD			
CODE	MODEL	DIAMETER	THICKNESS
LRLG	Large	98mm	6mm
LR00	Standard	78mm	6mm
LRPS	Pony	66mm	5mm
LRSA	Saddler	47mm	5mm

BRADOON

CODE	MODEL	DIAMETER	THICKNESS
LRBR	Standard	68mm	6mm
LRPB	Pony	46mm	5mm
LRSB	Saddler	40mm	5mm

VARIANT



HITCHCOCK

CODE	HI00



LOOSE RING TUBE

CODE	LT00



WILSON LOOSE RING

CODE	WS00
------	------

TOM THUMB



CODE	WIDTH	HEIGHT
TT00	57mm	142mm

Supplied with a nylon back strap

The Tom Thumb is similar to the Ring bits or Dutch Gags and introduces poll pressure as well creating leverage on the mouthpiece. The main difference however is that instead of the additional rings at the bottom it has an extended shank with a ring on the end, this shank is bent and set to run at 45° the effect this has is to ease up the poll pressure and leverage on the mouthpiece.



Recommended for junior riders with forward going horses this offers similar action to ring bits however by having the lower ring set on a shank bent at 45 degrees, this reduces the poll and tongue pressure exerted when the rein is attached to the lower ring.









SPECIALISATIONS

VARIANT



. 5

TAYLOR TOM THUMB



WILKIE



CODE	MODEL	DIAMETER	THICKNESS
WL00	Standard	78mm	6mm
WLPS	Pony	66mm	5mm

The Wilkie utilises pressure on the poll and raising the bit in the horse's mouth to achieve additional control without resorting to a stronger mouthpiece. This is similar to the action of a ring bit but to a milder degree which is why it has found favour for use on ponies.



Similar action to ring bits but much softer, the additional rings set inside the loose ring increase poll pressure and raise the mouth piece in the horse's mouth.











SH





RH

CODE	RH00
------	------

WILLIAMS



CODE	MODEL	WIDTH	HEIGHT
WI00	Standard	82mm	136mm
WIPS	Pony	68mm	105mm

The Williams cheek piece allows for multiple rein positions

- The centre ring acts as a loose ring
- The bottom ring promotes poll pressure

The Williams cheek piece encourages flexion and helps to prevent drifting. Consideration should be given to horses with fleshy mouths where increased width is necessary in order for the bit to be well accepted.



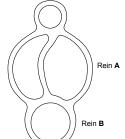
Bomber recommends this fixed cheek which provides lateral aids while offering two rein positions to adjust poll and tongue pressure, does not require a back strap. May require extra width to allow for fleshy mouths.











REINS CAN BE ATTACHED AT:

- A Removes the poll pressure decreasing the mouthpiece leverage.
- **B** Introduces poll pressure leveraging the mouthpiece.

VARIANT





WILLIAMS RACING

CODE	WIRA
------	------

WILLIAMS 4 RING

CODE	WI4R
------	------



"I HAVE TRIED CAYENNE ON
A PELHAM HAPPY TONGUE...
IT WORKS GREAT AT THE MOMENT."





LINDA HAS FORMED PART OF THE SWEDISH NATIONAL TEAM SINCE THE AGE OF 13 AND HAS REPRESENTED SWEDEN AT THE CSIO NATIONS CUP AND THE OLYMPIC RESERVE IN 2008. SHE HAS WON MEDALS AT THE LAST SWEDISH CHAMPIONSHIPS WITH DIFFERENT HORSES



HACKAMORES HEAD PRESSURE POINTS



Nose pressure is the primary source of control when using a hackamore. Care must be taken to set the noseband so that it sits on the bony part of the nose, and not on the soft cartilage. Nose pressure can be softened with the use of a leather nose pad.



Curb pressure may be necessary to improve control, as well as to encourage the chin to tuck in. Curb chain pressure is severe due to the sensitive area of application but can be softened by distributing the pressure to other areas such as the nose and poll. Nylon or leather back straps are a softer option to a curb chain.



Poll pressure is applied through the bridle and will increase proportionally to the length of the bits upper shank/purchase. When applied to a horse that accepts this form of pressure it will bring the head down. Poll pressure is usually used in conjunction with other pressure points, making it more accepted.

HACKAMORES VS BITS

If all bits have failed or the horse has a problem with the conformation of the mouth a hackamore would be recommended for intermediate riders and above. Correct fitting of all hackamores is crucial to avoid damage to the delicate nasal bones or blocking of the nasal passages. The Hackamore is best suited to more experienced riders as the feel is very different from a bit. Always bear in mind our philosophy that more pressure can result in more resistance.



The AT Hackamore is a cam style mechanical Hackamore. It allows for 3 settings:

- Screw A + B in place will ensure the quickest application of nose pressure.
- Remove A, leaving B, will allow more rein to be drawn before the noseband is in contact.
- Removing A + B, will allow the noseband to move independently of the shanks, remove the pressure.

The AT is supplied with a leather back strap and a choice of two nosebands:

- PVC tube a more concentrated pressure to bring the nose in.
- Leather a softer and broader surface area, rewarding a good head carriage.



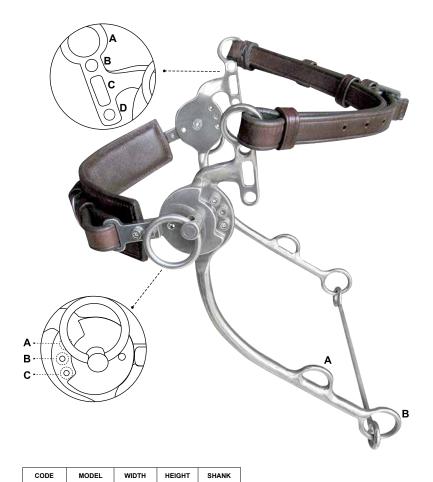






CODE	MODEL	WIDTH	HEIGHT	SHANK
HAT150	Standard	100mm	150mm	100mm
HAT180	Long	100mm	180mm	130mm

BT HACKAMORE



170mm

240mm

270mm

The BT Hackamore is our most advanced cam style mechanical hackamore. It allows adjustment of how quickly it responds by adding or removing screws from the cam.

The BT Hackamore has been designed in such a way that it can be used in conjunction with a bit in a double bridle type setup.

The BT is a cam style hackamore. It allows for 4 settings:

- Screw A + B + C in place will ensure the quickest application of nose pressure.
- Remove A, leaving B + C, will allow more rein to be drawn before the noseband is in contact.
- Remove A + B, leaving C, will allow even more rein to be drawn before the noseband is in contact.
- Removing A + B + C, will allow the noseband to move independently of the shanks, removing nose pressure.

The BT is supplied with a choice of two nosebands:

- PVC tube a more concentrated pressure to bring the nose in.
- Leather a softer and broader surface area, rewarding a good head carriage.

The BT is supplied with a choice of two back straps, each with two positions:

- Leather back strap, position A is stronger than C.
- Stainless steel curb chain, position B is stronger than D.

The curved shank provides 2 rein settings.









CT HACKAMORE

HCT200

90mm

220mm

200mm

HBT180

HBT240

Standard

Long

90mm

90mm



The CT Hackamore offers the softest option, it relieves poll pressure by lifting the poll strap while minimal pressure is applied to the nose and curb. The noseband is rubber covered while the curb is an adjustable leather pad. The shank is curved which allows space for riding with a bradoon.

Care must be taken to set the noseband so that it sits on the bony part of the nose, and not on the soft cartilage.









ENGLISH HACKAMORE



CODE MODEL WIDTH HEIGHT SHANK HENG150 Standard 100mm 150mm 100mm HENG180 100mm 180mm 130mm

English hackamores are useful for horses with mouth problems or just dislike any type of bit. The English hackamore has a fairly short shank, with a padded leather nose strap and a leather back strap.

One pair of reins is used on the bottom of the shank, which applies nose and poll pressure. It is very important to fit hackamores correctly, making sure the noseband is sitting on a solid part of the horse's nose and not onto the soft cartilage below.

It is supplied with a leather noseband and back strap.









ROGAN HACKAMORE



CODE MODEL WIDTH HEIGHT SHANK HROGAN180 Standard 90mm 200mm 145mm HROGAN240 90mm 240mm 185mm Long

The Rogan Hackamore gives mostly poll, with some curb and nose pressure.

It is supplied with a chain noseband covered with a PVC tube and leather back strap.









ST HACKAMORE



The ST Hackamore applies mostly nose pressure through the rubber covered noseband, with virtually no poll pressure due to the noseband not being fixed.

The position of the noseband can be adjusted by moving the stopper below the noseband. The curb pressure, while there, is fairly light and the backstrap can be adjusted to regulate how fast the action on the nose comes into effect.

Care must be taken to set the noseband so that it sits on the bony part of the nose, and not on the soft cartilage.











CODE	WIDTH	HEIGHT	SHANK
HST130	95mm	200mm	115mm



Bombers bits have not only made my horses happier, but they have revolutionized how i think about bitting. I have, without exception, been able to improve every single horse in my program with these bits."





BOMBERS SPONSORED EVENTING RIDER



ACCESSORIES BIT MEASURE

ARTICLE NUMBER
ABTM



BIT RUBBERS

RACING	STANDARD	PONY	COLOUR
TBTPRCBL	TBTPROBL	TBTPPYBL	Black
TBTPRCRB	TBTPRORB	TBTPPYRB	Blue
TBTPRCBR	TBTPROBR	TBTPPYBR	Brown
TBTPRCGR	TBTPROGR	TBTPPYGR	Green
TBTPRCOR	TBTPROOR	TBTPPYOR	Orange
TBTPRCPK	TBTPROPK	TBTPPYPK	Pink
TBTPRCPR	TBTPROPR	TBTPPYPR	Purple
TBTPRCRD	TBTPRORD	TBTPPYRD	Red
TBTPRCWH	TBTPROWH	TBTPPYWH	White
TBTPRCYL	TBTPROYL	TBTPPYYL	Yellow



BIT STRAPS

ARTICLE NUMBER	NAME
TKBSLRB	Rolled - Brown
TKBSLRK	Rolled - Black
TKBSLA	Aussie
TLSBR	Lip Strap - Brown
TLSBK	Lip Strap - Black
TKBSNY	Nylon Back Strap



CHEEK ROPE

ARTICLE NUMBER	NAME
TGR3R	Polo 3 Ring



CURB CHAINS

ARTICLE NUMBER	NAME
TCCENY	Pony
TCCENS	Standard
TCCENP	Polo
TCCENM	Military
TCCLTH	Brown Leather
TCCLTK	Black Leather
TCCRH	RH Curb Chain



CURB CHAIN HOOKS

ARTICLE NUMBER	NAME	LENGTH	WIDTH
TCCHKSP	Pony	28mm	4mm
TCCHKS	Standard	28mm	6mm
TCCHKSL	Long	40mm	6mm



CURB GAG STRAP

ARTICLE NUMBER	NAME
TCGR	Brown



FULMER CHEEK STRAPS

ARTICLE NUMBER	NAME
TFMPR	Brown
TFMPRK	Black



GAG ROPE

ARTICLE NUMBER	COLOUR
TGRBR	Polo
TGRSBK	Show Jumping Black
TGRSBR	Show Jumping Brown



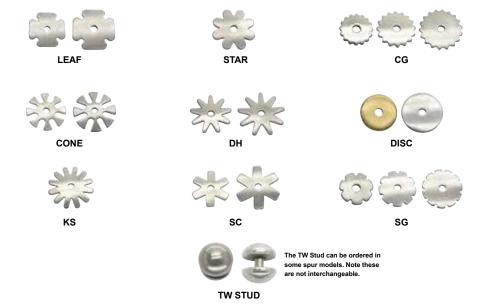
HACKAMORE STRAPS & PADS

ARTICLE NUMBER	COLOUR
TCSH79	Leather Back Strap - Brown
TCSH79K	Leather Back Strap - Black
THCLNB	Leather Nose Band - Brown
THCLNBK	Leather Nose Band - Black
THCLNBSM	Leather Nose Band - Small - Brown
THCCTBS	CT Nylon Back Strap
THCSTBS	ST Nylon Back Strap



ROWELS & STUDS

BOMBERS	ARTICLE
SRWL4LC30	Leaf 30
SRWL4LC30	Leaf 35
SRWL8STR30	Star 30
SRWLCG20	CG 20
SRWLCG25	CG 25
SRWLCG30	CG 30
SRWLCN30	Cone 30
SRWLCN35	Cone 35
SRWLDH30	DH 30
SRWLDH35	DH 35
SRWLDisc20	Disc 20
SRWLDisc30	Disc 30
SRWLKS35	KS 35
SRWLSC30	SC 30
SRWLSC35	SC 35
SRWLSG20	SG 20
SRWLSG25	SG 25
SRWLSG30	SG 30



SPUR STRAPS

BOMBERS	ARTICLE	BOOT SIZE
SSTRBOMJR08	Bombers Lady Small	4 - 5
SSTRBOMJR10	Bombers Lady	6 - 7
SSTRBOMSR10	Bombers Men	7 - 9
SSTRBOMSR12	Bombers Men Large	10+
SSTRPL08	Polo Small	4 - 6
SSTRPL10	Polo Medium	7 - 9
SSTRPL12	Polo Large	10+
SSTRCH	Choice	-
SSTRNI	Nylon	-
SSTRWWL	Western Ladies	4 - 6
SSTRWWM	Western Men	7+



SPUR IRONS

BOMBERS	ARTICLE	BOOT SIZE
TSIAU130	Aussie 120	4 - 6
TSIAU130	Aussie 130	7 - 9
TSIAU130	Aussie 140	10+
TSIPL130	Polo 120	4 - 6
TSIPL130	Polo 130	7 - 9
TSIPL130	Polo 140	10+
TSISD100S	Saddler 100	Child
TSISD120S	Saddler 120	Lady
TSISD140S	Saddler 140	Men









YOUR SUPPORT."





THE YOUNGEST RIDER TO COMPETE INTERNATIONALLY IN THE SENIOR GRAND PRIX'S AT ADDINGTON MANOR AND HARTPURY FOR HER COUNTRY.





DEE, DROP CHEEK, EGGBUTT, FULL CHECK, FULMER LOOSE RING, LOOSE RING				
BROKEN	CABLE	FLEXIBLE	SEMI	SOLID
Dressage Control	Elliptical Cable	Flexible Mullen	Barrel	Bomber Blue
Elliptical	Snaffle Cable		Elliptical Lock Up	Happy Tongue
Elliptical B			Lock Up	Happy Tongue Straight
Elliptical Dressage			Ported Barrel	Mullen
Elliptical Dressage Control			Ultra-Comfy Lock Up	
Elliptical Roller				
Snaffle				

EGGBUTT, FULL CHECK, FULMER LOOSE RING AND LOOSE RING.
BROKEN
Buster Roller

DOUBLE BRIDLE

EGGBUTT BRADOON, LOOSE RING BRADOON		
BROKEN	CABLE	FLEXIBLE
Elliptical	Elliptical Cable	Barrel
Elliptical B	Snaffle Cable	Elliptical Lock Up
Elliptical Dressage		Lock Up
Elliptical Dressage Control		Ported Barrel
Snaffle		Ultra-Comfy Lock Up

LOOSE RING BRADOON
BROKEN
Dressage Control
Elliptical Roller

WEYMOUTH 55 / 75
Dressage Port
Happy Tongue Straight
Happy Tongue Straight Forward
Ported Barrel



SINGLE BRIDLE

DEE & FULL CHEEK
Snaffle
Snaffle Cable
Ultra-Comfy Lock Up

DROP CHEEK
Elliptical
Elliptical B
Elliptical Dressage
Elliptical Dressage Control
Snaffle
Snaffle Cable

EGGBUTT & LOOSE RING
Barrel
Bomber Blue
Dressage Control
Elliptical
Elliptical B
Elliptical Cable
Elliptical Dressage Control
Flexible Mullen
Happy Tongue Straight
Snaffle
Snaffle Cable
Ultra-Comfy Lock Up

LOOSE RING ONLY	
Elliptical Roller	
Mullen	

EGGBUTT ONLY

Ported Barrel

FULMER LOOSE RING
Snaffle

DOUBLE BRIDLE

EGGBUTT BRADOON
Elliptical Cable
Snaffle
Snaffle Cable

LOOSE RING BRADOON
Dressage Control
Elliptical
Elliptical B
Elliptical Cable
Elliptical Dressage Control
Elliptical Roller
Snaffle
Snaffle Cable
Ultra-Comfy Lock Up

WEYMOUTH 55 / 75
Dressage Port
Happy Tongue Straight
Happy Tongue Straight Forward
Ported Barrel

	ULMER LOOSE RING, HALF SPOON, RING, LOOSE RING TUBE, TRAINING
Dressage Control	Elliptical Ultra-Comfy
Elliptical	Elliptical Ultra-Comfy Lock Up
Elliptical B	Snaffle
Elliptical Cable	Snaffle Cable
Elliptical Dressage	Snaffle Lock Up
Elliptical Dressage Control	Snaffle Ultra-Comfy
Elliptical Lock Up	Snaffle Ultra-Comfy Lock Up

Barrel Bomber Blue Bomber Blue Mullen Flexible Mullen Happy Tongue
Bomber Blue Mullen Flexible Mullen
Flexible Mullen
Happy Tongue
Happy Tongue Straight
Mullen
Ported Barrel

LOOSE RING, LOOSE RING TUBE
Buster Roller
Elliptical Roller
McHardy

DC RACING
Bomber Blue Swivel
Happy Tongue Straight Swivel

DOUBLE BRIDLE

GBUTT BRADOON, BRADOON
Elliptical Dressage Control
Elliptical Ultra-Comfy
Snaffle
Snaffle Cable
Snaffle Ultra-Comfy

LOOSE RING BRADOON	
Buster Roller	
Elliptical Roller	
McHardy	

DEE BRADOON, EGGBUTT BRADOON	
Barrel	
Ported Barrel	
	Τ

WEYMOUTH 55 / 75
Bomber Blue
Bomber Blue Swivel
Bomber Blue Mullen
Dressage Port
Happy Tongue Straight
Happy Tongue Straight Forward
Happy Tongue Straight Swivel

RELAXED PERFORMANCE WEYMOUTH 55 / 75
Bomber Blue
Dressage Port
Happy Tongue Straight

UNITED STATES EQUESTRIAN FEDERATION SINGLE BRIDLE

DEE & FULL CHEEK, FULMER LOOSE RING Snaffle

	_
DROP CHEEK	
Elliptical	
Snaffle	

EGGBUTT & LOOSE RING & DEE
Barrel
Elliptical
Elliptical B
Elliptical Dressage
Elliptical Dressage Control
Flexible Mullen
Ported Barrel
Snaffle

EGGBUTT & LOOSE RING & DEE
Bomber Blue
Elliptical Roller
Happy Tongue
Happy Tongue Straight
Mullen

DOUBLE BRIDLE

EGGBUTT BRADOON, LOOSE RING BRADOON
Barrel
Elliptical
Elliptical B
Elliptical Dressage
Elliptical Dressage Control
Snaffle

LOOSE RING BRADOON ONLY

Elliptical Roller

WEYMOUTH 55 / 75	
Dressage Port	
Happy Tongue Straight	Ī
Happy Tongue Straight Forward	
Ported Barrel	

RELAXED PERFORMANCE WEYMOUTH



Supplied with stainless steel curb chain and hooks

CODE	MODEL	WIDTH	HEIGHT	PURCHASE
WPS5	55 Shank	32mm	117mm	45mm
WPS7	75 Shank	32mm	136mm	45mm

FEI approved, awaiting the other associations at time of print

BOMBERS RELAXED PERFORMANCE PATENT NUMBER 2017/07515

In the origin stories of the traditional Weymouth you had a general purpose work horse and rider that required the leverage and pressures to collect and control the animal. Today, horses are carefully breed for aesthetics and to compete at specific disciplines. Therefore, in the quest to find a perfect balance of pressures... Bombers teamed up with Carsten Engelke to revolutionise the Weymouth for today's champions.

Typically a Weymouth applies pressure to the Poll, Curb and Mouth. By innovating a spring loaded purchase we have introduced a relaxed performance.

- · Softening the curb and poll pressures.
- · Quickening the release of pressure and reward
- Creating space for a balance of pressures, communication and synergy between horse and rider.

CONVENTIONAL









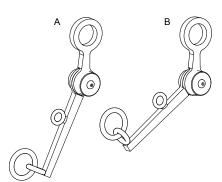
RELAXED











Taking up the reins and pulling the shanks approximately 20 degrees positions the mouthpiece optimally over the tongue and achieves a spring-loaded equilibrium for a subtle advanced control. Shown by illustration A.

The relaxed performance allows for a total rotation of approximately 45 degrees. Shown by illustration B. After which the conventional Weymouth pressures will be exerted.



Designed in conjunction with Carsten Engelke https://www.saddleme.com/



Available in a forward version

BOMBER BLUE

CODE	MODEL	WIDTH	INCHES	THICKNESS
BB00	Pony	090 - 105	3.5" - 4"	B14/07
	Narrow	110 - 115	4.25" - 4.5"	B14/08
	Standard	120 - 130	4.75" - 5"	B16/09
	Wide	135 - 155	5.25" - 6"	B18/10



Available in a straight version

DRESSAGE PORT

CODE	MODEL	WIDTH	INCHES	THICKNESS
	Pony	100 - 110	4" - 4.25"	B12
FP00	Narrow	115 - 130	4.5" - 5"	B14
	Standard	135 - 160	5.25" - 6.25"	B16



Available in a forward version.

HAPPY TONGUE STRAIGHT

CODE	MODEL	WIDTH	INCHES	THICKNESS
	Pony	90 - 105	3.5" - 4"	B12/07
HS00	Narrow	110 - 115	4.25" - 4.5"	B12/08
HS00	Standard	120 - 130	4.75" - 5"	B14/09
	Wide	135 - 160	5.25" - 6.25"	B16/10



"GIVE IT YOUR ALL "OR NOTHING AT ALL."





PAIGE IS A VERY TALENTED AND AMBITIOUS SOUTH AFRICAN POLOCROSSE PLAYER. SHE WAS AWARDED THE BEST U19 LADY PLAYER AS WELL AS BEST HORSE AND RIDER AT SA vs ZAMBIA INTERNATIONAL IN 2017, WHILE REPRESENTING THE SOUTH AFRICAN U19 LADIES TEAM AS THEIR CAPTAIN.



LIVERPOOL DRIVING



The Liverpool varies depending on which mouthpiece it is coupled with,

- · Solid mouthpieces, the cheekpieces are fixed to the mouthpiece and do not rotate on the vertical.
- · Broken, Semi-Broken or flexible mouthpieces, the cheekpieces rotate on the vertical, allowing the mouthpiece to set in the mouth, moving independently from the cheekpiece.

Available in a 2 or 3 slot. Supplied with stainless steel curb chain and hooks. Optionally supplied with a bridge.

STANDARD

Applies curb and poll pressure



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
LV02	2 Slot	70	145	60
LV03	3 Slot	70	180	60









LOOSE RING

Lessens curb and poll pressure



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
LVR2	2 Slot	70	145	60
LVR3	3 Slot	70	180	60









SWINGING PURCHASE

Moves the poll pressure to the curb



CODE	MODEL	WIDTH	HEIGHT	PURCHASE
LVP2	2 Slot	70	155	60
LVP3	3 Slot	70	190	60













The mouthpiece is fixed between the cheekpieces, offering tongue relief in the form of a port. When used in conjunction with a Liverpool it should fit tightly to eliminate any sideward movement.



BOMBER BLUE

Available in a straight, forward and swivel version



NARROW TONGUE STRAIGHT

Available in a straight, forward and swivel version



SM PLATE

The plate rotates approximately 90 degrees

SEMI-BROKEN MOUTHPIECE



The centre joint is hindered from making its full movement, thereby limiting the bit's action and lessening the pinch. The Liverpool cheekpieces rotate to allow the mouthpiece to set in the mouth.



PORTED BARREL STRAIGHT

Available in a curved version

FLEXIBLE MOUTHPIECE



Flexible mouthpieces wrap around the horse's tongue and bars spreading the pressure. The Liverpool cheekpieces rotate to allow the mouthpiece to set in



FLEXIBLE MULLEN

BROKEN MOUTHPIECE



Double break bits have a middle component that sits on the tongue, while some extent of pinch will occur. The Liverpool cheekpieces rotate to allow the mouthpiece to set in the mouth.



CONTROL PLATE





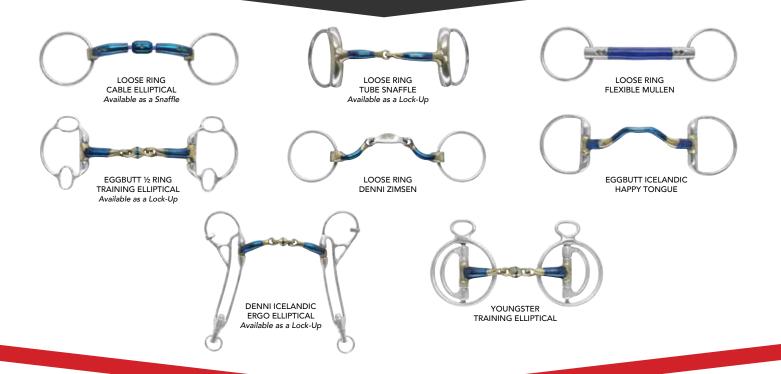
DENNI BERGMANN HAUKSSON

Bombers in conjunction with Denni Designs have created a revolutionary range of Icelandic bits, with the focus being on ergonomics and comfort... happy horses.

Denni's credentials speak for themselves... Six SM Gold, three NM Gold and NM Bronze, World Championship Gold, Silver, Bronze, and two of the world's highest rated Island horses Diva from Gategården and Divar from Lindnäs.







ICELANDIC DENNI SHANK



CODE	MODEL	WIDTH
IE18	Standard	100mm
IE20	Long	140mm

Denni has revolutionised the traditionary Icelandic shank bit. The fixed cheek piece prevents pinching of the lips and provides a solid feel against the side of the face. The central triangle ensures the curb chain engages evenly, with a quick release. The cheekpiece stopper allows you to control when the poll engages. Supplied with a stainless steel curb chain and hooks.

EGGBUTT



CODE	EGPS

The fixed cheek piece prevents pinching of the lips and provides a solid feel against the side of the face. The Eggbutt release is slower than a

Loose Ring and introduces light poll pressure over a longer period of contact

EGGBUTT ½ RING



The fixed cheek piece prevents pinching of the lips and provides a solid feel against the side of the face.

E2HR

CODE

The Eggbutt release is slower than a Loose Ring and introduces light poll pressure over a longer period of contact.

LOOSE RING



CODE	MODEL	WIDTH
LRPS	Pony	66mm
LRLG	Large	102mm

Loose Ring allows for immediate release and relief from tongue and bar pressure. The bit is immediately reset to a neutral position in the horse's mouth.

LOOSE RING



CODE	LT00

The Loose Ring Tube lies flat against the cheeks giving a solid feel; preventing pinching or the bit being pulled through the mouth. The mouthpiece is fixed in the mouth and concentrates pressure on the bars but the loose rings allows for a quick

YOUNGSTER TRAINER



CODE	TRYS

The Training cheekpiece is dedicated to training and schooling horses. It offers positive pressure on the side of the face when using the reins to turn and eliminates the tendency of the cheekpiece to twist when using an open rein. The reins are connected to the inner ring.





The mouthpiece is fixed between cheek pieces, optionally offering tongue relief in the form of a port. When used in conjunction with a fixed cheekpiece it should fit tightly to eliminate any sideward movement. If used with a loose ring, a small allowance must be made, add 5mm to eliminate any chance of pinching.

ICELANDIC HAPPY TONGUE



The Happy Tongue is a solid mouthpiece uniquely ported to give maximum tongue relief. It is curved to be softer on the bars and tilted forward to be comfortable in the hand. The edges of the mouthpiece are curved backwards to ensure a comfy fit.

SEMI-BROKEN



The centre joint is hindered from making its full movement, thereby limiting the bit's action and lessening the pinch.

ERGO LOCKED ELLIPTICAL



The Lock Up removes the nut cracker action of the conventional elliptical, resulting in less bars pressure, while providing a larger, constant surface area over the tongue. The centre elliptical has been double locked to ensure that the angle over the tongue remains correct, even when the reins are taken up, retaining the individual lateral aids. The ergonomic shape offers a generous curve following the shape of the horse's mouth.

TRAINING LOCKED ELLIPTICAL



The Lock Up will remove the pinch, spreading pressure over the tongue while retaining the individual lateral aids.

ERGO LOCKED SNAFFLE



The mouthpiece has been ergonomically shaped, offering a generous curve, to follow the shape of the horse's mouth. The centre joint has been double locked to ensure that the angle over the tongue remains correct, and the nutcracker action is hindered, even when the reins are taken up, it retains the individual lateral aids.

LOCKED SNAFFLE



Adding the Lock Up feature to a snaffle removes the nut cracker action, meaning less pinch and pressure on the bars while retaining the individual lateral aids.

CABLEMOUTHPIECE





Removes the centre links, creating a smooth more comfortable mouthpiece with some rigidity which limits the nutcracker effect. There is some spring back which offers quick release from pressure. The cable allows for some lateral independence between each rein.

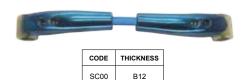
ELLIPTICAL CABLE



CODE	THICKNESS	
ECLZ	B12	

The Cable removes the need for centre links, creating a smooth comfortable mouthpiece with some rigidity; limiting the nutcracker effect. The lozenge shaped elliptical is positioned to be accepted by the tongue, applying an acceptable pressure. The cable allows for some lateral independence between each rein.

SNAFFLE CABLE



The Snaffle Cable reduces the nutcracker action while the added benefit of the "spring-back" action of the cable further reduces pressure in all areas; and by eliminating the centre links a further pressure point is removed, thus making this softer than conventional snaffles. The spring back offers a quick release from pressure.





FLEXIBLE MULLEN



CODE	THICKNESS
MUFL	B14

An internal stainless steel cable covered with a bespoke non-toxic, UV resistant PVC tube offering an exceptionally soft and evenly distributed pressure over tongue and

BROKENMOUTHPIECE





Broken bits are made of 2 or 3 components. Double break bits have a middle component that sits on the tongue, while some extent of pinch will occur. Single break bits, when applied the snaffle pinches the bars and tongue raising the head. Both should be sized 10-15mm larger than a solid mouthpiece.

ERGO ELLIPTICAL



CODE	THICKNESS
ELER	B12

The mouthpiece has been ergonomically shaped, offering a generous curve, to follow the shape of the horse's mouth. A forward tilted elliptical applies pressure on the tongue. The horse will find a gentle balance of control.

TRAINING ELLIPTICAL



The bars are straight ensuring an even pinch, with a small forward tilted elliptical applying pressure on the tongue. The horse will find a great balance of control.

DENNI ZIMSEN



The bars have been flattened and twisted up over the tongue to allow for a gentle ergonomic fit. The central plate is curved and positioned forward for optimal comfort and is the primary point of contact and control.

ERGO SNAFFLE



CODE	THICKNESS
SNER	B12

The nutcracker action, pinches the bars and tongue, lifting its head. The offset centre link avoids a pressure point on the tongue. The ergonomic shape offers a generous curve following the shape of the horse's mouth.

SNAFFLE



CODE	THICKNESS
SN00	B12

The mouth pieces is curved, reducing the pinch while the offset link avoids the usual pressure point on the tongue, these features make the bit more acceptable.



"I USE BOMBERS BITS BECAUSE THEY
ARE BEAUTIFULLY MADE BY EXPERTS
WITH EXPERT ADVICE."





BOMBERS SPONSORED EVENTING RIDER

LUCCA HAS SUCCESSFULLY REPRESENTED IRELAND AS A JUNIOR AT THE EUROPEAN CHAMPIONSHIPS IN 2010, 2011 AND 2012 WITH HER BEST RESULT BEING INDIVIDUAL 4TH AND TEAM SILVER IN 2012.



EGGBUTT

HALF SPOON

FULMER

LOOSE RING







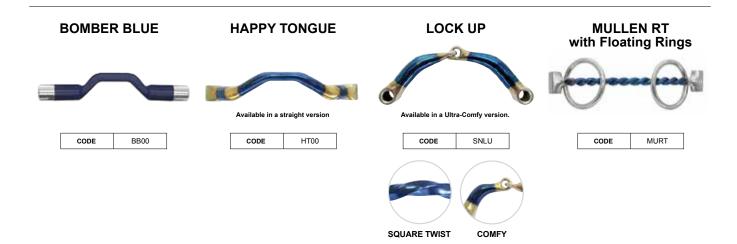


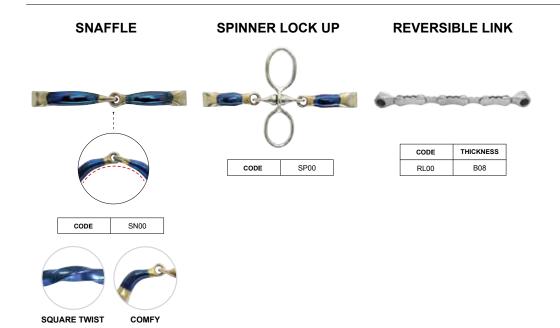
CODE	MODEL	WIDTH	HEIGHT
EGSA	Saddler	60mm	60mm

CODE	MODEL	WIDTH	HEIGHT
HSSA	Saddler	55mm	105mm
HSSS	Straight	55mm	105mm

CODE	MODEL	WIDTH	HEIGHT
FUSA	Saddler	45mm	120mm

CODE	MODEL	DIAMETER	THICKNESS
LRSA	Saddler	47mm	5mm





LOOSE RING BRADOON

EGGBUTT BRADOON

CODE	MODEL	DIAMETER	THICKNESS
LRSB	Saddler	40mm	5mm

CODE	MODEL	WIDTH	HEIGHT
EGSB	Saddler	46mm	48mm

SNAFFLE LOCK UP REVERSIBLE LINK CODE SNUU CODE SNLU CODE THICKNESS RL00 B08 SQUARE TWIST COMFY SQUARE TWIST COMFY

WEYMOUTH

CODE	MODEL	WIDTH	HEIGHT	PURCHASE
WESA	Saddler	30mm	180mm	43 mm











SPURS

SPUR SIZE GUIDE		
BOOT SIZE	4 - 7	7 - 12
SPUR SIZE	Ladies	Mens

Custom spur configurations will take 5-8 weeks to be manufactured and distributed.

The Bomber spurs are entirely handcrafted.

All the components are laser cut, formed, welded and ground by hand. A wide choice of interchangeable rowels are available with the exception of the Todd Weston stud.

Quality leather straps are supplied.

Bomber spurs are renowned for their excellent quality.

Don't trust the copies, buy the handmade original!

DRAFTER

The Drafter spur has a single leather strap which secures over the top of the foot. Allowing the spur to rest on the heel and hinge freely upwards.



DIAMANTINA

ARTICLE NUMBER	ARTICLE
SDMDSMRN	Men
SDMDSLRN	Ladies



KD

ARTICLE NUMBER	ARTICLE
SDRKDMRN	Men
SDRKDLRN	Ladies



SD

ARTICLE NUMBER	ARTICLE
SDRSDMRN	Men
SDRSDLRN	Ladies



DC

ARTICLE NUMBER	ARTICLE
SDRDCMRN	Men
SDRDCLRN	Ladies

GENERAL

The General spur has a single leather strap which secures over the top of the foot. Allowing the spur to rest on the heel and hinge freely upwards.



KS

ARTICLE NUMBER	MODEL	NOTE
SG2KSMRN	Men	
SG3KSMRN	Men	Wide heel
SG2KSLRN	Ladies	



SWANNECK

ARTICLE NUMBER	MODEL
SGNSWNMRN	Men
SGNSWNLRN	Ladies

LEDGE

The ledge running along the bottom edge of the spur fits securely between the sole and the heel of the boot.



CG LONG

ARTICLE NUMBER	MODEL
SLGCLMRN	Men - Rowel
SLGCLMRS	Men - Rowel & Strap
SLGCLMTN	Men - TW Stud
SLGCLMTS	Men - TW Stud & Strap



CG SHORT

ARTICLE NUMBER	MODEL
SLGCSMRN	Men - Rowel
SLGCSMRS	Men - Rowel & Strap
SLGCSMTN	Men - TW Stud
SLGCSMTS	Men - TW Stud & Strap
SLGCSLRN	Ladies - Rowel
SLGCSLRS	Ladies - Rowel & Strap
SLGCSLTN	Ladies - TW Stud
SLGCSLTS	Ladies - TW Stud & Strap



SG

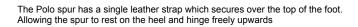
ARTICLE NUMBER	MODEL
SLGSGMRN	Men - Rowel
SLGSGMRS	Men - Rowel & Strap
SLGSGMTN	Men - TW Stud
SLGSGMTS	Men - TW Stud & Strap
SLGSGLRN	Ladies - Rowel
SLGSGLRS	Ladies - Rowel & Strap
SLGSGLTN	Ladies - TW Stud
SLGSGLTS	Ladies - TW Stud & Strap



SWANNECK

ARTICLE NUMBER	MODEL
SLGSNMRN	Men - Rowel
SLGSNMRS	Men - Rowel & Strap
SLGSNLRN	Ladies - TW Stud
SLGSNLRS	Ladies - TW Stud & Strap

POLO





LITE

ARTICLE NUMBER	MODEL
SPLLTMRS	Rowel
SPLLTMTS	TW Stud

Supplied with Nylon Strap



NARROW

ARTICLE NUMBER	MODEL
SPLNRMRN	Rowel
SPLNRMRS	Rowel & Strap
SPLNRMTN	TW Stud
SPLNRMTS	TW Stud & Strap



STANDARD

ARTICLE NUMBER	MODEL
SPLPLMRN	Rowel
SPLPLMRS	Rowel & Strap
SPLPLMTN	TW Stud
SPLPLMTS	TW Stud & Strap

POLOCROSSE

The Bombers spur has four studs for attaching the leather strap which runs under the instep and fastens over the top for a secure fit.



CG LONG

ARTICLE NUMBER	MODEL
SPXCLMRN	Men - Rowel
SPXCLMRS	Men - Rowel & Strap
SPXCLMTN	Men - TW Stud
SPXCLMTS	Men - TW Stud & Strap



SWANNECK

ARTICLE NUMBER	MODEL
SPXSNMRN	Men - Rowel
SPXSNMRS	Men - Rowel & Strap
SPXSNLRN	Ladies - TW Stud
SPXSNLRS	Ladies - TW Stud & Strap



CG SHORT

ARTICLE NUMBER	MODEL
SPXCSMRN	Men - Rowel
SPXCSMRS	Men - Rowel & Strap
SPXCSMTN	Men - TW Stud
SPXCSMTS	Men - TW Stud & Strap
SPXCSLRN	Ladies - Rowel
SPXCSLRS	Ladies - Rowel & Strap
SPXCSLTN	Ladies - TW Stud
SPXCSLTS	Ladies - TW Stud & Strap



SG

ARTICLE NUMBER	MODEL
SPXSGMRN	Men - Rowel
SPXSGMRS	Men - Rowel & Strap
SPXSGMTN	Men - TW Stud
SPXSGMTS	Men - TW Stud & Strap
SPXSGLRN	Ladies - Rowel
SPXSGLRS	Ladies - Rowel & Strap
SPXSGLTN	Ladies - TW Stud
SPXSGLTS	Ladies - TW Stud & Strap

SHOWJUMPING



IMPULSE - LONG

ARTICLE NUMBER	MODEL
SSRLNMIS	Men
SSRLNLIS	Ladies

Supplied with Nylon Strap



IMPULSE - SHORT

ARTICLE NUMBER	MODEL
SSRSHMIS	Men
SSRSHLIS	Ladies

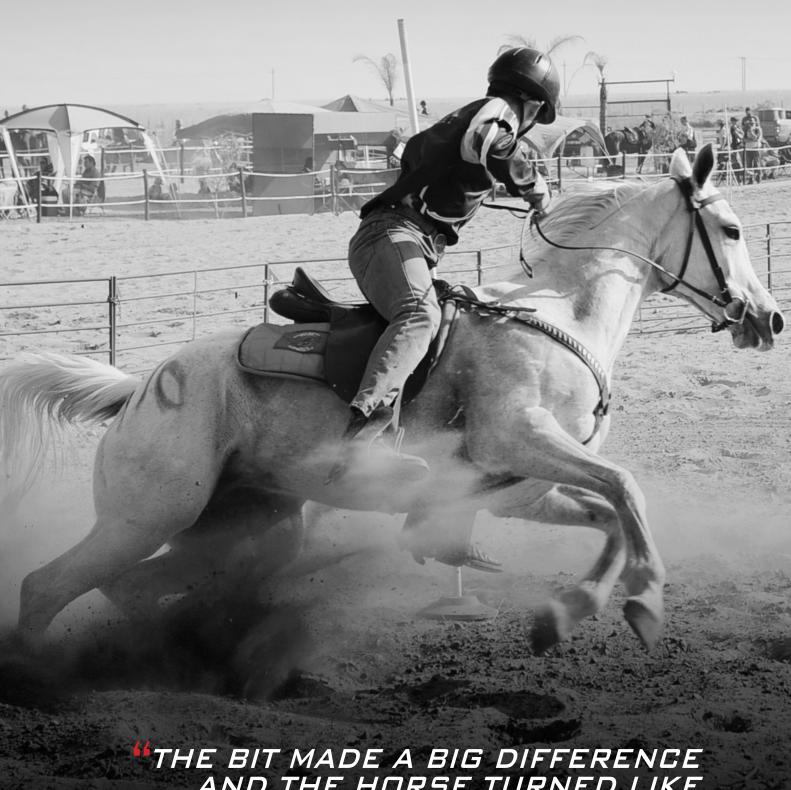
Supplied with Nylon Strap

SADDLER



ARTICLE NUMBER	MODEL			
SSPSDM	Men			
SSPSDL	Ladies			

Supplied with Nylon Strap



THE BIT MADE A BIG DIFFERENCE AND THE HORSE TURNED LIKE NEVER BEFORE."





HB HAS GROWN UP WITH HORSES, 4 YEARS AGO HE DID HIS FIRST RODEO IN THE FREE STATE. RIDING LEVEL 3 AS WELL AS STARTING WESTERN MOUNTED GAMES. HE MET BOMBER AT NATIONALS AND WAS GIVEN A TRIAL BIT, WHICH BOMBER SUGGESTED WAS A PERFECT BIT FOR HIS HORSE.



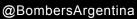


Our Berkeley Jeans are made of high-quality material, you'll sit better and ride better in these comfortable jeans. Berkeley Jeans provide an exceptional performance fit and defines the perfect balance of

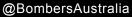
SIZE CONVERSION TABLE												
BOMBERS	90	95	100	110	115	120	125	135	140	145	150	160
INCH	3.5"	3.75"	4"	4.25"	4.5"	4.75"	5"	5.25"	5.5"	5.75"	6"	6.25"

CHEEKPIEGE	MOUTHPIECE	MEASUREMENT
	SOLID	×
FIXED	SEMI-BROKEN	X + 5
FIXED & LOOSE	1 BREAK 2 BREAK FLEXIBLE	X + 10
	SOLID	X + 5
LOOSE	SEMI-BROKEN	x + 10
	1 BREAK 2 BREAK FLEXIBLE	X + 15















@BombersEquestrian



@BombersBitsUSA



@BomberBlueBitsUK









help@bombers.co.za



340 Victoria Road, Pietermaritzburg, KwaZulu Natal, South Africa



Tel +27 33 345 4669 Fax +27 86 225 3877 Mobile +27 83 234 1960



www.bombers.co.za



