Montana 4-H Horse Program: Bit Rules & Equipment Guide



Revised June 2019

Basic guide to local, county, and state/regional Montana 4-H Horse shows as well as for those classes in open shows limited to 4-H membership entry. This **resource** is for agents, organizers, officials, exhibitors, parents and judges.



ABOUT THIS GUIDE

These guidelines should be used in conjunction with the current Montana 4-H State Horse Show Rulebook and Working Ranch Horse Rules. These rulebooks, which are available on the Montana 4-H web site's Horse Project pages, provide additional information about bits, other equipment and attire for respective classes.

Because the Montana 4-H Horse Program is diverse, it is difficult to generate a complete list of acceptable bits. Bits that are permitted by respective breed associations may be acceptable at the judge's discretion. A judge at his/her discretion can penalize a horse with non-conventional types of bits. Please understand that this resource is a guide and gives only examples of legal and unacceptable bits. In no way does it try to include every bit that is allowed or prohibited.

If exhibitors have questions concerning a bit they wish to use, and that specific bit is not mentioned in the current rules or these guidelines, then exhibitors should ask the equipment steward(s) and/or the judge(s) if the bit is acceptable for that show. Exhibitors should have alternative bits available so that they can make a change if it is determined by show officials that their preferred bit is unacceptable for the event.

Each county, district or regional, and state show is officiated by different stewards and judges. Therefore, exhibitors must seek approval from show officials at each show before using the questionable bit. Members should consult with professionals in their riding discipline or contact the appropriate breed association for guidance in selecting a bit in order to find one that is both appropriate and acceptable for use in Montana 4-H horse events.

ACKNOWLEDGEMENTS

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HOW TO USE THIS GUIDE

Bits and equipment are grouped into categories (Western, Ranch, and Speed Events; English- Hunter, and Saddle/Gaited). Images shown are labeled as either:

lcon	Description	
Figure 1: Encircled Check Mark	Acceptable	
Figure 2: Encircled Question Mark	Acceptable with conditions	
Figure 3: Encircled X	Unacceptable	

Western, Ranch, and Speed Events Divisions

1. Reference to snaffle bits mean the conventional O-ring, egg-butt, or D-ring with ring no larger than 4". The mouthpiece should be round, oval, or egg-shaped, smooth and unwrapped metal. It may be inlaid but must be smooth. The bars must be a minimum of 5/16" in diameter, measured one inch in from the cheek with a gradual decrease to center of the snaffle. The mouthpiece may be two or three pieces. A three-piece connecting ring of 3/4" or less in diameter, or a connecting flat bar of 3/8" to 3/4" (top to bottom) and 2" maximum width, which lies flat in the horse's mouth, or rollers are acceptable.

Mouthpiece Image	Mouthpiece Name	Acceptable/Unacceptable
Figure 4: O-Ring mouthpiece	O-Ring	(
Figure 5: Egg-butt mouthpiece	Egg-butt	\odot
Figure 6: Offset D-ring mouthpiece	Offset D-ring	⊘
Figure 7: Full cheek mouthpiece	Full Cheek	×

The shape of the snaffle ring outside of the horse's mouth is unrelated to the style of mouthpiece on the inside. **You cannot determine what is in the mouth by the shape of the ring! The acceptable shapes are O-ring, egg-butt, and D-ring. And regardless of which shape, the ring may not be more than 4 inches across at its widest point.

- 2. References to a bit mean the use of a curb bit that has a solid or broken mouthpiece, has shanks, and acts with leverage. All curb bits must be free of mechanical device and should be considered a standard western bit. A description of a legal, standard western bit includes:
 - a. Maximum shank length is 8½" (Diagrams 1 and 2). Shanks may be fixed or loose.
 - b. Curb bit mouthpieces must be round, smooth, and unwrapped metal of 5/16" to 3/4" in diameter, measured one inch in from the cheek. They may be inlaid but must be smooth. Nothing may protrude below the mouthpiece (bar), such as extensions or prongs on solid mouthpieces. The mouthpiece may be two or three pieces. A three-piece, connecting ring of 3/4" or less in diameter, or a connecting flat bar of 3/8" to 3/4" (top to bottom) and 2" maximum width, that lies flat in the mouth, or rollers are acceptable (Diagrams 1 and 2).
 - c. The port height must be 2½" maximum, with rollers and covers acceptable. Broken mouthpieces, half- breeds, and spades are standard (Diagram 1 and 2).

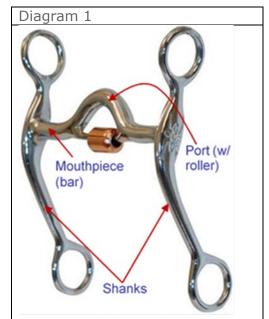


Figure 8: A standard western bit, showing the shanks on either side, the mouthpiece bar through the center, and the port with a roller connected to the mouthpiece bar.

Diagram 2	
Figure 9: Photograph of an example of a western, ranch or speed horse event bit for the use of measurements.	 Maximum 8 ½ inches shank length. Measured from the inside top of the headstall ring to the 'pull point' of the rein ring. Minimum 5/16 to ¾ inch diameter mouthpiece. Measured 1 inch from cheek. Maximum 2 ½ inches port height. Measured from the top of the port to the bottom of the bar.
Figure 10: A photograph of an O-ring bit.	 Maximum 4 inches ring diameter. Measured from outside of metal on largest part of the ring or D. Minimum 5/16-inch diameter mouthpiece. Measured 1 inch in from cheek.
Figure 11: Photograph containing the connecting ring of a bit mouthpiece.	 Connecting ring, ¾ inch maximum diameter.
Figure 12: Photograph containing the connecting flat bar of a bit mouthpiece.	 Connecting flat bar, 3/8 – ¾ inch maximum (top to bottom), 2-inch maximum width.

Western, Ranch, and Speed Events Divisions...continued

What does it mean? ... Mouthpieces

Many of the parameters for mouthpieces are the same regardless if it is a snaffle or a curb. They need to be the same minimum diameter (5/16''), be smooth, may be broken into two or three pieces, and if there is a connecting flat bar or ring, those connectors must meet the same respective measurements. It does not mean the connecting piece has to be a ring or flat bar.

The connecting piece could also be a roller or hinged port. Much of the determination of whether a mouthpiece is acceptable or not comes down to if it is smooth.

What is "smooth"?

Smooth simply means that there are no bumps or ridges that will press into the bars of the horse's mouth or the pressure points on the tongue when pressure is applied. Things that make it not smooth may include (but are not limited to) any kind of twist, a wire wrap, carvings into the metal that create ridges, chain, etc.

Mouthpiece examples (applies to both snaffle and curb bits):.

Mouthpiece Examples	Description	Acceptable/Unacceptable
	Simple jointed, smooth	⊘
Figure 13: A simple jointed mouthpiece Figure 14: A connecting bar mouthpiece	If connecting bar is 3/8 – ¾ inch top to bottom, this is acceptable, and wrap on a connecting bar is acceptable because it is not a primary pressure point.	?
Figure 15: Three unacceptable, not smooth mouthpieces	Mouthpiece is not smooth due to the twists and loose links.	※
Figure 16: Connecting bar mouthpiece	If the connecting flat bar is 3/8 – ¾ inch top to bottom, this is acceptable.	?
Figure 17: Wire wrapped, unacceptable mouthpiece	Wire wrapped; must be unrapped metal; not smooth	×
Figure 18: Connecting ring mouthpiece	A connecting ring is acceptable if it is <3/4 inch across	?
Figure 19: Two twisted mouthpieces	The top mouthpiece is a fast twist/corkscrew. Below is a slow twist. Both create numerous sharp pressure points, making these mouthpieces unacceptable.	※
Figure 20: Center link, smooth metal inlay mouthpiece	The metal inlay in this mouthpiece is smooth, making it acceptable.	\odot
Figure 21: Center link, protruding metal inlay mouthpiece	The metal inlay in this mouthpiece has protruding links, making it unacceptable.	※

Curb Mouthpiece Examples	Description	Acceptable/Unacceptable
Curb Moutriplece Examples	Description Half-breed mouthpiece.	Acceptable/ Offacceptable
Figure 22: Example of a curb bit mouthpiece		
Figure 32: Prope Bit	Prong bit, with metal protruding below the bar, causing sharp pressure points.	※
Figure 23: Prong Bit Figure 24: Example of a curb bit	Port should measure a minimum of 2 ½ inches high and the shanks should measure a minimum of 8 ½ inches long.	?
mouthpiece Figure 25: Example of a curb bit mouthpiece	An example of an acceptable 3-piece mouthpiece.	⊘
Figure 26: Example of a curb bit mouthpiece	An example of an acceptable 3-piece mouthpiece.	⊗
Figure 27: Example of a curb bit mouthpiece	An example of an acceptable 3-piece mouthpiece.	⊘

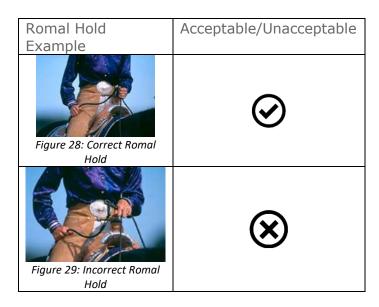
Western, Ranch, and Speed Events **Divisions...continued**

References to a romal means an extension of braided material attached to closed reins (**Examples 1**). This extension may be carried in the free hand with an approximate 16" spacing between the reining hand and the free hand holding the romal. The rider's hand shall be around the reins with the fingers closed, thumb on top, and no fingers between the reins.

The romal shall not be used forward of the cinch or to signal or cue the horse in any way. Any infraction of this rule shall be penalized severely by the judge (Examples 1).

Example 1: Romal Reins





5. A curb bit must be used with a curb strap or curb chain properly attached so as to make contact with the horse's chin. Chain curb straps must be at least 1/2" in width, and lie flat against the jaw of the horse. No wire curbs, regardless of how taped or padded. Absolutely no rigid material will be permitted under the jaws, regardless of how padded or covered. (**Examples 2**)

Example 2: Curh Strans

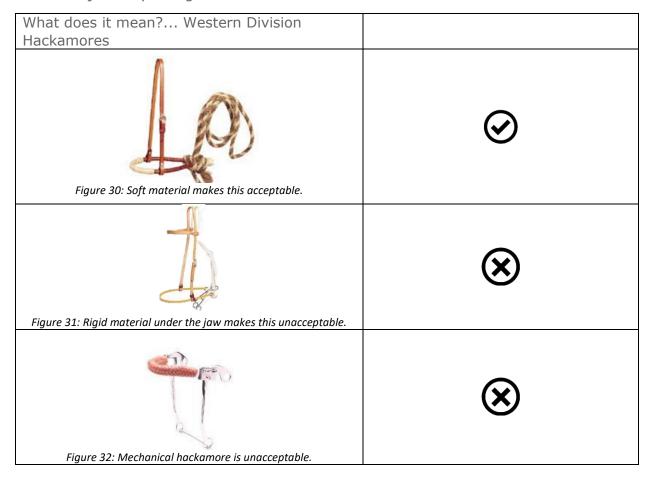
Curb Straps	Description	Acceptable/ Unacceptable
	All seven of these examples are acceptable	⊘

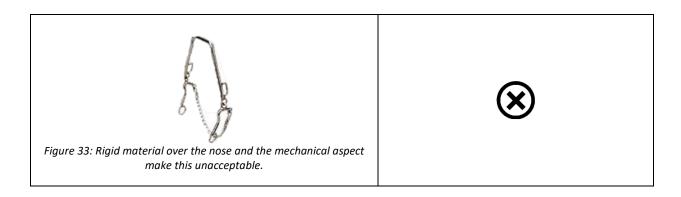
	This strap is okay is it is less than ½ inch wide	?
	A chain altered to create lumps and that does not fit against the jaw is not acceptable	※
Caccoo (15	Chain is greater than 1/2 inch wide	\otimes
	A rigid bar added to a chain is not acceptable	×

Western and Ranch Divisions

1. References to hackamore mean the use of a non-mechanical flexible, braided rawhide or leather, or rope bosal, the core of which may be either rawhide or flexible cable. Absolutely no rigid material will be permitted under the jaws, regardless of how padded or covered.

Bosals are the only type of hackamore allowed in the Western Division. These are simple, flexible hackamores with no metal or working parts. Nothing over the nose or under the jaw may be rigid.





2. Slip or gag bits, and donut and flat polo mouthpieces are **PROHIBITED**.

Slip bits allow the mouthpiece to slide up the shank when pressure is applied, thereby increasing the leverage action in the mouth. With gag bits, the reins (attached directly to the headstall) slide through the bit rings and pull the mouthpiece up in a similar fashion. Neither type of 'gag action' is allowed.

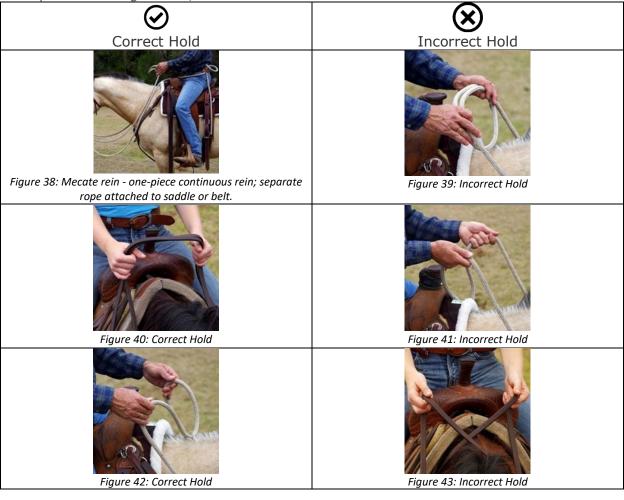
Flat polo mouthpieces are functionally the same as a Rutledge Roper. Neither are allowed in the Western division.

What does it mean? Slip/gag, Donut,	
and Polo Mouthpieces	
Figure 34: Slip Mouthpiece, with a gag action and not	⊗
smooth make this unacceptable.	
Figure 35: Gag bit and gag action are unacceptable.	⊗
rigure 33. Guy bit and guy action are unacceptable.	
Figure 36. Deput mouth pieces are uppersent at the	⊗
Figure 36: Donut mouthpieces are unacceptable.	
	⊗
Figure 37: Flat polo mouthpieces are unacceptable.	

Western and Ranch Divisions, continued

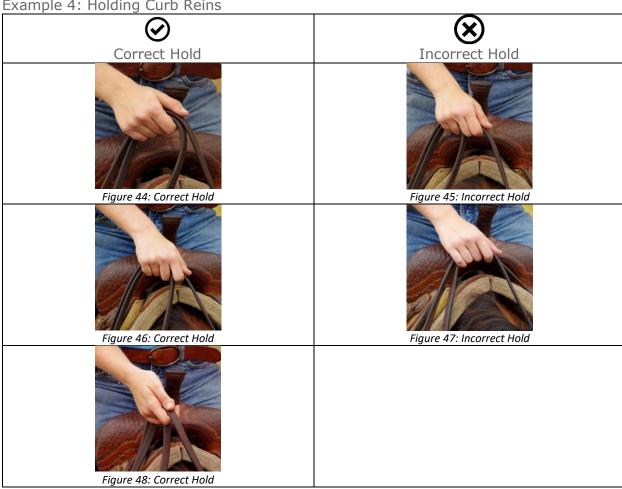
- 3. Horses 4-years-old and younger may be shown in a snaffle bit, hackamore, curb bit, half-breed, or spade bit.
 - a. When using a snaffle bit, a loose hobble strap is optional (leather or nylon only, no chain). Reins to be attached above the hobble strap, if used.
 - b. Leather or woven split reins or mecate reins are acceptable with a snaffle hit.
 - c. Junior horses (4 years old and under) that are shown with a hackamore or snaffle bit may be ridden with two hands on the reins (**Examples 3**). The rider's hands should be carried near the pommel and not further than 4" out on either side of the saddle horn. Rider's hands must be steady with very limited movement. Rider's hands should be visible to the judge(s) at all times.

Example 3: Holding snaffle/bosal reins



- 4. Horses 5-years-old and older may only be shown in a curb bit, half-breed, or spade bit.
 - a. Only one hand may be used on the reins, and hand must not be changed (**Examples 4**). When using split reins, the hand is to be around the reins, and if desired only the index finger may be between the reins. Violation of this rule will result in an automatic penalty.
 - b. In ranch classes when showing in a curb bit, reins must be held in one hand, but may be held in any manner.
 - c. Roping reins may be used for speed events and ranch horse classes.

Example 4: Holding Curb Reins



PER RULE 4B: Any of these holds are acceptable in Ranch classes.

Speed Events Division Only

- 1. References to hackamore mean either a mechanical or non-mechanical hackamore.
 - a. Non-mechanical: Flexible, braided rawhide or leather, or rope bosal, the core of which may be either rawhide or flexible cable.
 - b. Mechanical: The core may be any flexible cable, rawhide, or metal material, and must be covered with leather, soft plastic tubing, or similar material for padding.
 - c. Absolutely no rigid material will be permitted over the nose or under the jaws, regardless of how padded or covered.

What does it mean? Speed Events and	Description	Acceptable/
Hackamores	Description	Unacceptable
Figure 49: Rawhide Bosal	Acceptable hackamore	⊘
Figure 50: Mechanical Hackamore	Unacceptable mechanical hackamore	※
Figure 51: Easy/Fast Stop	Rigid material under the jaw makes this unacceptable.	*
Figure 52: Stop & Turn	Rigid material under the jaw makes this unacceptable.	※
Figure 53: Fast Stop	Rigid material over the nose makes this unacceptable.	※

Non-mechanical hackamores are allowed but mechanical hackamores are **PROHIBITED** in the Speed Events Division. The materials over and under the nose of the non-mechanical hackamore must be flexible.

2. Slip or gag bits, including the Wonder Bit, or flat mouthpiece bits like the Rutledge Roper are **PROHIBITED** in speed events.

What does it mean? Slip/Gag Bits and Rutledge Roper	Description	Acceptable/ Unacceptable
Figure 54: Rutledge Roper Bit	Flat Mouthpiece makes this bit unacceptable.	※
Figure 55: Wonder Bit	Gag action makes this bit unacceptable.	⊗
Figure 56: Gag Action and Mouthpiece	Gag action and a mouthpiece that is not smooth makes this bit unacceptable.	⊗

Slip bits allow the mouthpiece to slide up the shank when pressure is applied (reins pulled), thereby increasing the leverage action in the mouth. With gag bits, the reins (attached directly to the headstall) slide through the bit rings and pull the mouthpiece up in a similar fashion. Bits with this kind of 'gag action' are **PROHIBITED** in Speed Events.

In Speed Events, flat mouthpiece Rutledge Roper bits are also acceptable. The mouthpiece of which should rotate freely on the shanks so it remains flat on the tongue when pressure is applied.

- 3. Horses of any age may be shown with a snaffle bit.
- 4. Riders may use two hands on the reins regardless of type of bit and age of horse. Roping reins are allowed in speed events.
- 5. Judge or equipment official may prohibit the use of bits or equipment deemed too severe.

English Division (includes Hunter but not Dressage)

1. An English snaffle (no shank), Kimberwick, Pelham, or full bridle (Weymouth) must be used. If a bit is used that requires two reins, it may be used with a converter (a U-shaped piece of leather that fastens between the snaffle ring and the curb ring at the end of the shank on the Pelham). The use of a bit converter is not illegal, but some judges may not consider it technically correct so its use may be penalized. Snaffle bit rings may be no larger than 4" in diameter.

Snaffles: The shape of the snaffle ring outside of the horse's mouth is unrelated to the style of mouthpiece on the inside. **You cannot determine what is in the mouth by the shape of the ring! The acceptable shapes are O-ring, egg-butt, D-ring, and full cheek.

What does it mean? English	Description/Title	Acceptable/Unacceptable
Figure 57: O-Ring/Loose Ring English Bit	O-Ring/Loose Ring	⊗
Figure 58: Egg-Butt English Bit	Egg-Butt	⊘
Figure 59: Offset D-Ring English Bit	Offset D-ring	⊘
Figure 60: D-Ring English Bit	D-Ring	⊗
Figure 61: Full Cheek English Bit	Full Cheek	⊗

Pelhams and Kimberwicks use a snaffle and/or curb action. A Pelham has a shank and requires reins to be attached to both the snaffle ring and curb ring. Kimberwicks have 'cut-outs' where a rein can be attached to either location – one resulting in more snaffle action and one with more curb action. Full bridles (Weymouths) have separate curb & snaffle (bridoon) bits and require two reins.

What does it mean? English Bit Types	Description	Acceptable/ Unacceptable
Figure 62: Kimberwick Bit	This bit has two location options to attach one rein	(
Figure 63: Kimberwick Bit	This bit has two location options to attach one rein. Either rein attachment location is acceptable.	⊗
Figure 64: Pelham Bit	This is the correct use of a Pelham bit.	(
Figure 65: Pelham Bit	This bit requires two reins.	⊗

- 2. Any bit having a fixed rein requires use of a curb chain. Curb chain must be at least 1/2" wide and lie flat against the jaw of the horse.
 - a. Triangle ("knife edge"), true gag action, and elevator bits are PROHIBITED.
 - b. Snaffle bits with slow twist, corkscrew, or twisted wire mouthpieces are PROHIBITED.

With gag bits, straps connect the reins directly to the headstall, sliding through the bit rings. When pressure is applied, it pulls the mouthpiece up higher in the mouth. Elevator bits have an exaggerated height headstall attachment, or mouthpieces that slide up & down on the cheek rings and create a mouthpiece-lifting gag action when pressure is applied.

What does it mean? Gag and Elevator Bits	Description	Acceptable/ Unacceptable
Figure 66: Gag Bit	The true gag action on this bit makes it an unacceptable bit.	⊗
Figure 67: Elevator Bit	This is an elevator bit, making it unacceptable.	8
Figure 68: Elevator Bit	This is an elevator bit, making it unacceptable.	⊗

English Division, continued

- 3. Solid or broken mouthpieces must be 5/16" to 3/4" in diameter, measured 1" from the cheek and may have a port no higher than $1\frac{1}{2}$ " (see **Diagram 3**). On broken mouthpieces, connecting rings of 3/4" or less in diameter or connecting flat bar of 3/8" to 3/4" (measured top to bottom), which lie flat in the horse's mouth, or rollers are acceptable.
- 4. Smooth round, oval or egg-shaped, and straight bar or solid mouthpieces are allowed. They may be smooth inlaid, synthetic wrapped (including rubber or plastic), or encased. Waterford bits are allowed.

Regardless of the type of bit (snaffle, Pelham, Kimberwick, etc.), mouthpieces must meet the same requirements – have a diameter of 5/16" to 3/4", may be solid (1 piece) or broken (2 or 3 pieces), and <u>if</u> there is a connecting ring or flat bar, those connectors must meet the same respective measurements. It does not mean the connecting piece <u>has</u> to be a ring or flat bar.

Nothing may protrude below the mouthpiece (bars or prongs).

What does it mean? Mouthpieces	Description	Acceptable/ Unacceptable
Figure 69: Simple jointed, round mouthpiece	Simple jointed, round	②
Figure 70: Three-piece mouthpiece	Three-piece mouthpiece	⊗
Figure 71: Roller in joint mouthpiece	Roller in joint is acceptable	⊘
Figure 72: Singl twist, wire wrapped mouthpieces	Single twisted wire, or wire wrapped mouthpieces are unacceptable	※
Figure 73: Multiple link & twisted wire mouthpieces	Double twists and lose links are unacceptable	※
Figure 74: Mouthpiece; port is less than 1 1/2 inches	Three-piece with port as connector	⊗
Figure 75: Mouthpiece; port is less than 1 1/2 inches.	One-piece wide port	⊗
Figure 76: Fast twist and slow twist mouthpieces	The top mouthpiece is a fast twist/corkscrew. Below is a slow twist. Making these mouthpieces unacceptable.	※
Figure 77: Waterford bit mouthpiece	Waterford bit is specifically listed as acceptable; three smooth, round balls linked together.	⊘
Figure 78: Triangle/knife-edge mouthpiece	Triangle or knife-edge bit is unacceptable; very sharp on the bars & tongue.	※
Figure 79: Multi-roller, rough mouthpiece	Multiple rollers set in the mouthpiece may result in many pressure points.	※
Figure 80: Smooth, round roller mouthpiece	Mouthpiece made of a series of rollers results in allowable smooth, round shape.	⊘

Diagram 4: Saddle/Gaited Bit Measurements	Rules	
Figure 81: Pelham bit with a three-piece mouthpiece	 Connecting flat bar, 3/8 - ¾ inch maximum, measured top to bottom Minimum 5/16 inch to ¾ inch maximum mouthpiece diameter Measured 1 inch from cheek Regardless of type of bit. 	
Figure 82: Weymouth bit	 Maximum 1 ½ inches port height Measured from the top of the port to the bottom of the bar Regardless of bit type. Minimum 5/16 inch to ¾ inch maximum mouthpiece diameter Measured 1 inch from cheek Regardless of type of bit. 	
Figure 83: Bridoon mouthpiece	Bridoon Mouthpiece	
	 Maximum 8 ½ inches shank length Measured from the inside top to the headstall ring to the 'pull point' of the rein ring. Minimum 5/16 inch to ¾ inch maximum mouthpiece diameter Measured 1 inch from cheek Regardless of type of bit. 	
Figure 84: Walking horse bit with two-piece mouthpiece		

A few final reminders for Gaited classes...

- 1. Bridles/bits should coincide with the style of riding chosen. See the appropriate section (Western, Hunter, or Saddle Seat) for bit requirements.
- 2. Paso Finos may show in hackamores as approved by the Paso Fino Horse Association (PFHA) for Pleasure classes.
- 3. Tennessee Walking Horses (TWH) may be shown in a curb bit typical for the breed as long as the mouthpiece and shanks comply with the parameters described above for Saddle Seat.

What does it mean?... Bits for Gaited Classes

Gaited horses may be shown in Western, Hunter, or Saddle type tack, depending on the breed of the horse and/or the preferences of the exhibitor. Follow the bit rules for the style of riding used.

Tennessee Walking Horses (TWH) are typically shown in long shanked curb bits. This is an allowable bit for the TWH for both Western and Saddle Seat tack.

Paso Finos often show in types of hackamores not described in this section. See the PFHA rules for Paso Fino bridles.