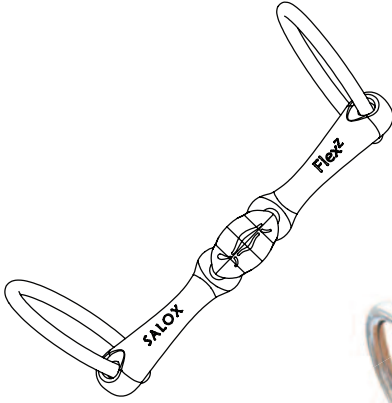


Join the Bitting Revolution™

Turtle Top™

with Flex



Neue
Schule
NSD

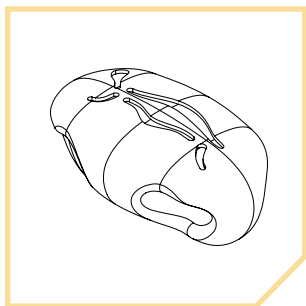
Join the Bitting Revolution™

A Revolutionary Design

The unique and innovative Turtle Top™ bit has been designed for the over-active and busy mouth. The revolutionary Turtle Top™ prevents the horse from lifting the side-arms or “cannons” of the bit through its inspired joint design that locks the upward flexion of the cannons.*

The resulting stability of the bit in the mouth gives clearer rein aids and the horse has fewer distractions.

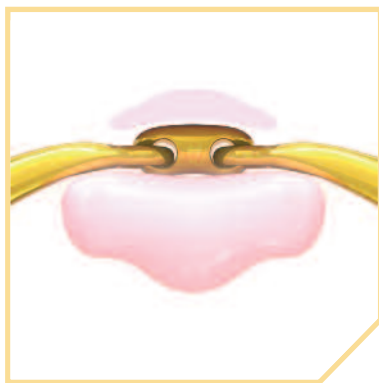
The name of the Turtle Top™ bit is derived from its central link shape, which itself, takes inspiration from the Box Turtle.



Anatomical Form

The upper surface of the central link is gently curved and widened. This matches equine palate anatomy fitting neatly under the palatine arch. *

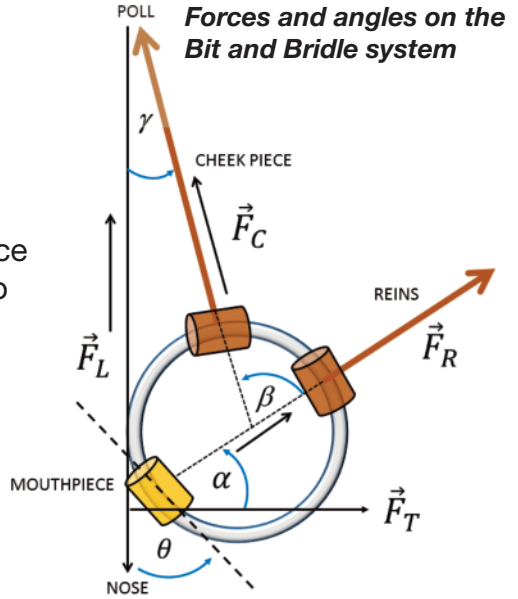
The Turtle Top™ link holds the bit in an arc over the tongue helping to locate and maintain it in the most effective place.



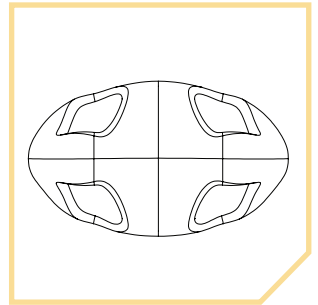
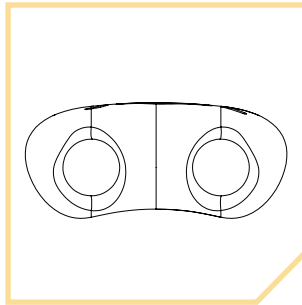
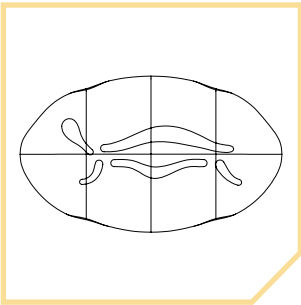
Flex

The direction of rein tension in normal riding conditions sets the orientation of the mouthpiece. Scientific investigation and analysis performed by Neue Schule has underpinned our design process. This work has resulted in a mouthpiece profile that ensures the bit comes into the desired alignment when the reins are tensioned.

This design concept is “Flex”.



The profiles of the cannons and central link are matched to the anatomical profiles of the mouth.



The Turtle Top™ Advantage



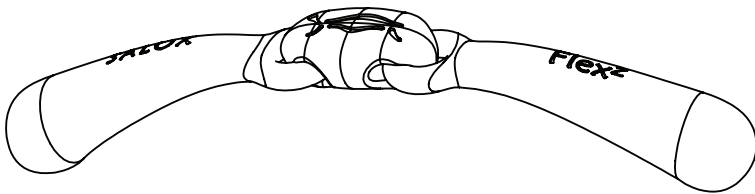
The Neue Schule Flex design concept is engineered to deliver a guaranteed and optimised alignment of the mouthpiece with the sensitive surfaces of the equine mouth, resulting in enhanced bit stability.

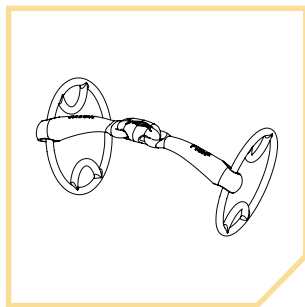
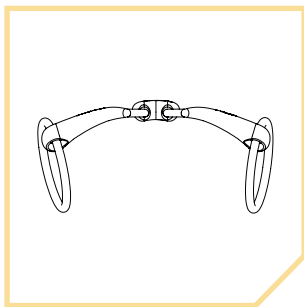
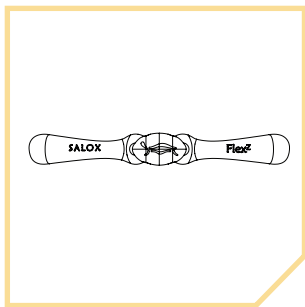
The carefully profiled surfaces and component angles translate into many great improvements in comfort and communication that deliver performance enhancements for the horse and rider:

- The Turtle Top™ naturally sits further back in the mouth negating the temptation to over-tighten the cheek pieces. The resulting improvement in bit positioning delivers greater clarity through the rein aids and eliminates extra pressure in the commissures and poll.
- With the cannons having restricted upward movement chomping and chewing is discouraged helping to prevent damage to the tooth enamel - whilst possibly raising your dressage score!

- The unique flattened shape of the underside of the cannons combined with the horizontally positioned loops on the tongue provides a naturally large weight bearing surface. This provides comfortable low tongue pressure whilst taking up less room than the old idea of using a thicker bit. Feel and responsiveness are enhanced.
- The Turtle Top™ link fits comfortably under the palatine arch and cannot strike up into the upper palate. This reduces the likelihood of the horse opening its mouth thus reducing the need for a flash noseband or other restraint.
- The mouthpiece is designed to sit centred and arched over the tongue safely helping to prevent sideways tongue evasions.
- The stable and comfortable Turtle Top™ mouthpiece re-focuses the inattentive mouth back onto the rein aids in order to achieve a soft consistent contact. It is effectively designed to help those horses that have difficulty flexing and rounding themselves over the bit, in order to achieve a true and correct outline. Ideal for the busy, over-active mouth.

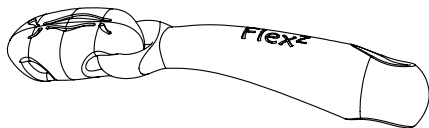
Although it looks like many other traditional types of bit, Turtle Top™ is a remarkable innovation to emerge from this millennia-old area of equine technology.





Flex^Z

The Flex^Z mouthpiece is a development of our popular Tranz™ range (hence the "Z"). Gently curved cannons form a wide arch aligned over the tongue and held in shape by Turtle Top™. Flex^Z is therefore more securely centred on the tongue and more resistant to being pulled through the mouth. The flattened underside of the Flex^Z cannons with their anatomy-inspired recesses are held parallel to the tongue whatever riding activity you enjoy. The Flex^Z mouthpiece is available with a range of different cheek options.



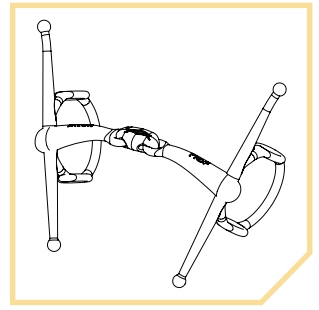
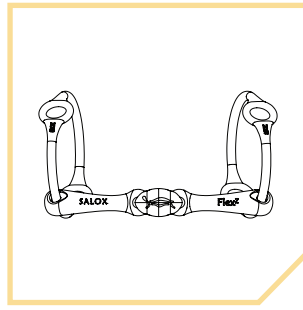
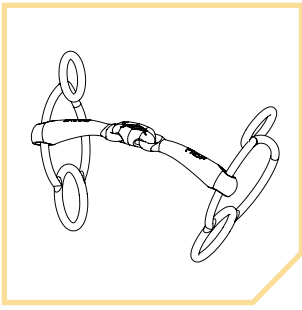
Turtle Top™ with Flex^Z Loose Ring

The Loose Ring is our uncomplicated tried and trusted cheek. No matter what your rein tension, the Flex^Z mouthpiece when combined with the loose ring cheek ensures alignment to the mouth remains unchanged.

Turtle Top™ with Flex^Z Beval

The Beval ring gives rein and cheek piece attachment options in a neat package but whatever option you choose the mouthpiece remains in constant relative alignment to the tongue.

Usually sourced to enhance outline and directional control, also gently reinforces the downward transition. Ideal for those riders requiring a little more help than a loose ring. Use with one or two reins.



Turtle Top™ with Flex^Z Universal

The Universal cheek provides a number of rein settings including the flexibility to add a curb strap. Whatever option you choose, the flattened underside of the Flex^Z cannons with their anatomy-inspired recesses are held parallel to the tongue regardless of the riding activity you enjoy.

Usually sourced to promote outline and assist with turning whilst offering varying degrees of control for jumping and faster work in general. The main ring on the NS Universal sweeps away from the cheek, this has almost eradicated the all too common problem of rubbing with traditional 3 and 4 ring designs.

Turtle Top™ with Flex^Z Balding

The loose ring Balding is popular with eventers and showjumpers for use on strong horses as it usually provides the extra degree of control needed. Often sought out by polo players for enhanced control.

Turtle Top™ with Flex^Z Nelson

Also popular with eventers and showjumpers, the full cheek Nelson provides the additional control and accuracy necessary for straightness and tight turns, ideal with the stronger horse.

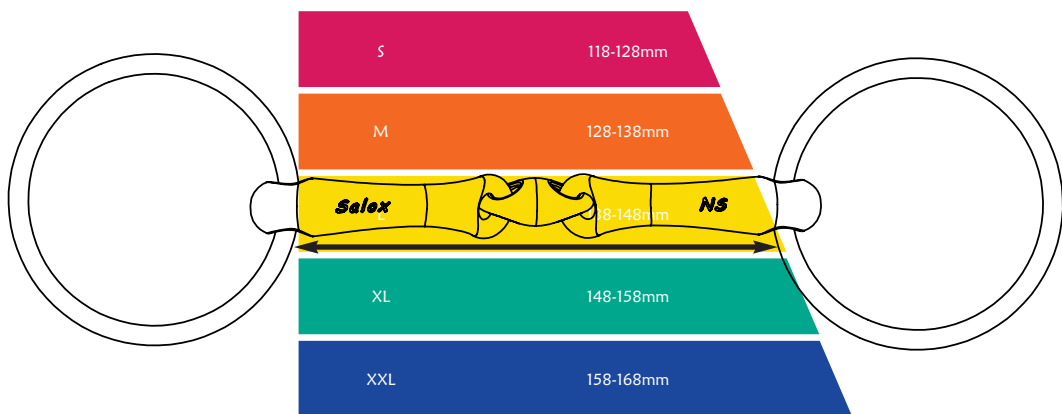
The Balding and Nelson are amongst the few designs sourced for faster work that reliably act on the poll.

Fitting made easier

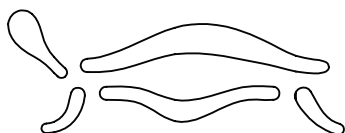
Turtle Top™ and the Flex design concept together make identifying the optimum length of your bit easier than ever. The improvement in fit to mouth anatomy means that selecting the ideal Turtle Top™ with Flex bit for your horse is readily achieved.

Simply use the Neue Schule colour coded measurement chart for guidance. (Downloadable from the Neue Schule website).

Products are available in sizes between 118 and 168 mm (that's just less than 4¾ inches to just over 6½ inches) – so there's an ideal size for everyone!



Simply lay your existing bit on the chart and the size of the Turtle Top™ bit you need is indicated. The colour band that best envelopes the mouthpiece of your bit from inside cheek to inside cheek indicates your ideal size.



To find out more about this product scan the QR Code with your smartphone

www.nsbits.com