



Headgear Products

Inspired by the color our kids love and patient compliance you will love.

Highpull - Neck Pads - Safety Modules - Chin Cups - Facebows



High functioning headgear

- High quality
- Precise fit
- Strong
- Comfortable
- Fun and fashionable-colors



The adenta headgear provides the comfort desired by the patient, this in turn encourages longer wear time. The extra heavy-duty material and construction provides you with the dependability and quality to help you reach your treatment goals.

Highpull Headgear - Largest selection of colors available on the market... go on, have some fun choosing your favorite colors



Pink/Purple
Item# KKS-P/L



Black/Red
Item# KKS-S/R



Red/Blue
Item# KKS-R/HB



Black/Purple
Item# KKS-S/L



Purple
Item# KKS-L



Neon Green
Item# KKS-NGR



Blue/Red
Item# KKS-HB/R



Pink
Item# KKS-P



Royal Blue
Item# KKS-HB



Neon Yellow/Black
Item# KKS-S/NGE/S



Red/Black
Item# KKS-R/S



Black
Item# KKS-S



Royal Blue / Yellow
Item# KKS-HB/GE



Red
Item# KKS-R



Neon Green/Black
Item# KS-S/NGR/S



Purple/Black
Item# KKS-L/S

Complete list of available colors and order info

Item #	Color
KKS-DB	navy blue
KKS-L	purple
KKS-HB	royal blue
KKS-NGE	neon yellow
KKS-NGR	neon green
KKS-J	jeans
KKS-S	black
KKS-P	pink

Item #	Color
KKS-R	red
KKSL-DB	extra large, royal blue
KKS-DB/R	navy blue-red
KKS-S/L	black-purple
KKS-S/NGE/S	black-neon yellow-black
KKS-HB/GE	royal blue-yellow
KKS-S/NGR/S	black-neon green-black

Item #	Color
KKS-L/S	purple-black
KKS-P/L	pink-purple
KKS-S/R	black/red
KKS-R/DB	red-navy blue
KKS-R/HB	red-royal blue
KKS-HB/R	royal blue-red
KKS-R/S	red-black

Item #	Color
KKS4-DB	2 looped, navy blue

Two Looped Highpull



SUPER SOFTIES - Neck Pads

Lightweight and washable with extra soft padding for longer wear and comfort



Red
Item# MC-NSP/RRR



Navy Blue
Item# MC-NSP/DB



Royal Blue
Item# MC-NSP/BBB



Pink/Black/Yellow
Item# MC-NSP/SPG



Jeans/Neon Green
Item# MC-NSP/JNG



Jeans/Blue
Item# MC-NSP/JBB



Jeans/Pink
Item# MC-NSP/DJP



Black
Item# MC-NSP/SSS

Complete list of available colors and order info

Item #	Color	Item #	Color
MC-NSP/RRR	red red red	MC-NSP/JGR	jeans yellow red
MC-NSP/SSS	black	MC-NSP/JNG	jeans neon green
MC-NSP/DB	navy blue	MC-NSP/BBB	royal blue royal blue royal blue
MC-NSP/DB/L	navy blue - with loops 4 loops	MC-NSP/SGG	black green yellow
MC-NSP/JBB	jeans royal blue royal blue	MC-NSP/SLG	black purple yellow
MC-NSP/DJP	navy blue jeans pink	MC-NSP/SPG	pink black yellow
MC-NSP/FS	mixed colours	MC-NSP/SRS	black red black yellow
		MC-NSP/S	black



FLAT Neck Pads - No fill 180mm & 220mm for a perfect fit



Pink - 180mm



Royal Blue - 180mm



Jeans - 180mm



Navy Blue Two Looped



Black - 180mm



Navy Blue - 180mm



Navy Blue 220mm long

Complete list of available colors and order info

Item #	Color
NSP/P	pink - 180mm
NSP/B	royal blue - 180mm
NSP/J	jeans - 180mm
NSP/S	black - 180mm
NSP/DB	navy blue - 180mm
NSPL/DB	navy blue - 220mm
NSP4/DB	navy blue - two looped



SOFTIES - Neck Pads - Double looped medium filled



Red



Mint



Navy Blue



Complete list of available colors and order info

Item #	Color
NSPS/P	pink
NSPS/M	mint
NSPS/DB	navy blue
NSPS/R	red
NSPS/S	black



Safety Modules - Three force ranges provides dependable retraction



Superior strength and durability

- Engineered for optimal patient comfort.
- Extra smooth plastic.
- Metal clip customizes adjustments for better control of release force.
- Tear-proof strap offers oval holes for easier attachment of facebow.

Item #	450 grams
SM-B-L	blue
SM-S-L	black
SM-W-L	white

Item #	600 grams
SM-B-M	blue
SM-S-M	black
SM-W-M	white
SM-GE-M	yellow
SM-GR-M	green
SM-P-M	pink

Item #	750 grams
SM-B-S	blue
SM-S-S	black
SM-W-S	white

Chin Cups - Built in ventilation system allows the patients skin to breath



Item #	Color
KIK-FS	Chin Cup mixed
KIK-B	Chin Cup Blue
KIK-GE	Chin Cup yellow
KIK-GR	Chin Cup green
KIK-O	Chin Cup orange
KIK-P	Chin Cup pink
KIK-R	Chin Cup red
KIK-W	Chin Cup white

5 pcs per pack

Chin Cups - extra long available on request



Item #	Color
KIK-B/L	Chin Cup blue - long legs
KIK-W/L	Chin Cup white - long legs

Facebows - Crafted by superior craftsmen

Strong, Durable Laser Welded Joint
Highly resistant to breakage and deformation during length of treatment

Soft-Form Color Coded End Caps
Protective rubber to eliminate sharp edges

5 Sizes For A Precise Custom Fit
Size in millimeters from distal end of loop to opposite distal end loop

#1	83.0mm
#2	90.0mm
#3	97.0mm
#4	104.0mm
#5	111.0mm

Smooth Step Down
Prevents tissue irritation

Outer Bow
Short and medium size outer bows for a precise custom fit.

Z-LOOPS
The ends of the outer bow are offset to allow for easy attachment of safety release modules

Facebow Prelooped - Multi size options for an optimum fit

Created by superior craftsmen, all adenta's face bows feature a laser welded connection for strength and durability, helping to resist breakage and providing your patients with an attractive joint. Reinforced tubing is used to add to the strength, and all wires are pre-cut, deburred, and covered with a rubber cap to reduce the chance of the facebow getting hooked. The outer bow has been specifically designed to avoid the frontal cheek area.

How to order the perfect face bow for your needs - Prelooped Face Bow options

Many variations of facebows are available, to determine which size fits your specific needs simply follow our ordering guide below.

1. Determine what size **outer bow** you require for your patient -



2. Determine what **size inner bow** you require for your patient

inner arch length measurement is from distal end of the loop along the inner arch to opposite side distal end of loop



3. Determine what **width of inner bow** you require for your patient



In order to facilitate your ordering process, you can customize your Face Bow and create your 6-digit item number by combining the following digits:

EXAMPLE:
422-113 (4) Face Bow (2) short (2) Standard -
(1) Wide (1) without offset (3) 97 mm (pink cap)

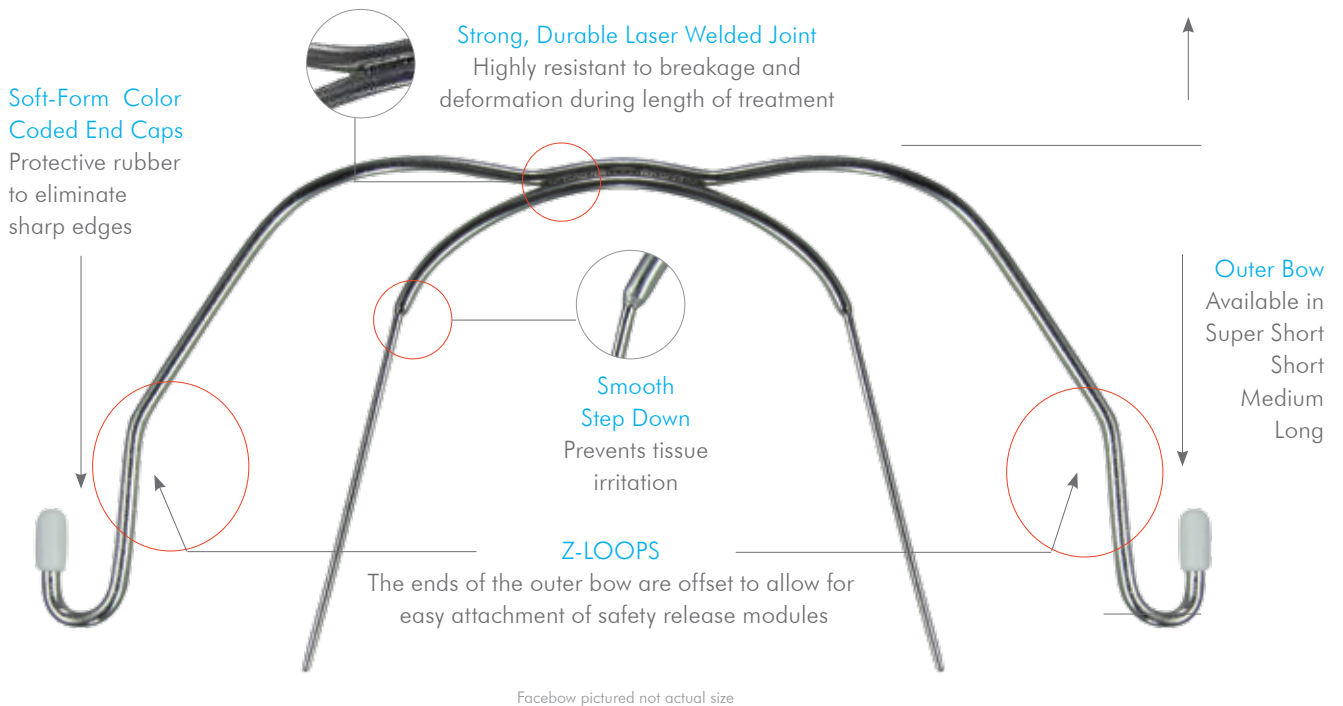
Prelooped Facebow - OUTER BOW configuration

First digit = 4	Second digit = OUTER BOW length	Third digit = offset hooks
4 = Face Bow	1 = supershort	1 = with Z-LOOP
	2 = short	2 = straight
	3 = medium	
	4 = large	

Prelooped Facebow - INNER BOW configuration

Fourth digit = INNER BOW width	Fifth digit = INNER BOW length	Sixth digit = Pre-looped
1 = wide	1 = without offset	1 = 83 mm (yellow cap)
2 = narrow	2 = with offset	2 = 90 mm (red cap)
		3 = 97 mm (pink cap)
		4 = 104 mm (blue cap)
		5 = 111 mm (green cap)
		6 = 118 mm (white cap)

Face Bow Standard Form



Facebow pictured not actual size

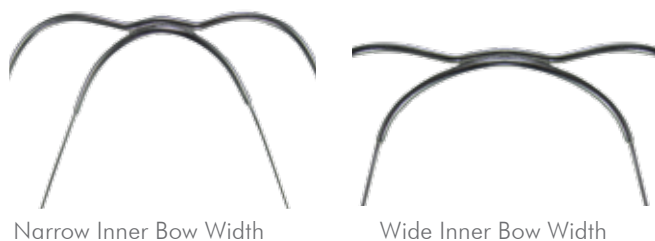
How to order the perfect face bow for your needs - **Standard Face Bow options**

Many variations of face bows are available; to determine which size fits your specific needs simply follow our ordering guide below.

1. Determine what **size outer bow** you require for your patient -



2. Determine what **width of inner bow** you require for your patient -



In order to facilitate your ordering process, you can customize your Face Bow and create your 6-digit item number by combining the following digits:

EXAMPLE:
422-210 (4) Face Bow (2) Super Short (2) Standard - (2) Narrow (2) without offset (0) 40mm Standard

Standard Facebow - OUTER BOW configuration

First digit = 4	Second digit = OUTER BOW length	Third digit = offset hooks
4 = Face Bow	2 = short	1 = offset hooks
	3 = medium	2 = Standard
	4 = long	

Standard Facebow - INNER BOW configuration

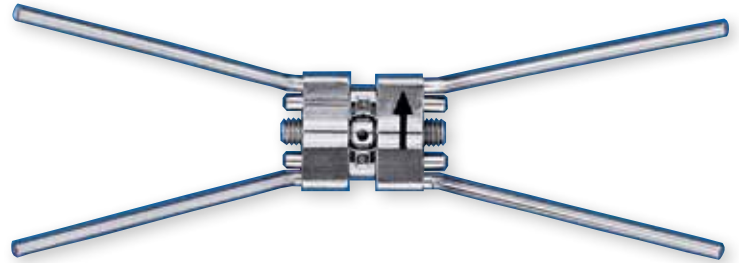
Fourth digit = INNER BOW width	Fifth digit = INNER BOW length	Sixth digit = Standard/No Loop
1 = wide	1 = without offset	0 = 40 mm

Rapid Palatal Expander

High quality RPE screws made in Germany from surgical stainless steel. The arms are pre-bent with symmetrical anatomical angulation.

Expansion capacity and direction arrow are laser engraved on the expander body for simply and easy use.

Item #	Expansion	1 Turn	1/4 Turn
LW-10	5 mm	0,9 mm	0,225 mm
LW-13	9 mm	0,9 mm	0,225 mm
LW-15	11 mm	0,9 mm	0,225 mm
LW-176	13 mm	0,9 mm	0,225 mm
LW-22	18 mm	0,9 mm	0,225 mm



Palatal Bar

Preformed in 12 different sizes with a distal coffin loop.

Item #	Size	Item #	Size	Item #	Size
PB-034	34mm	PB-045	45mm	PB-055U	55mm
PB-037	37mm	PB-047	47mm	PB-057U	57mm
PB-039	39mm	PB-049	49mm		
PB-041	41mm	PB-051U	51mm		
PB-043	43mm	PB-053U	53mm		

Sold in packs of 10 pcs.



Quad & Bi Helix

Permits greater flexibility and control during treatment. Available in various preformed sizes with straight or curved retentions sheaths.

QUAD-HELIX

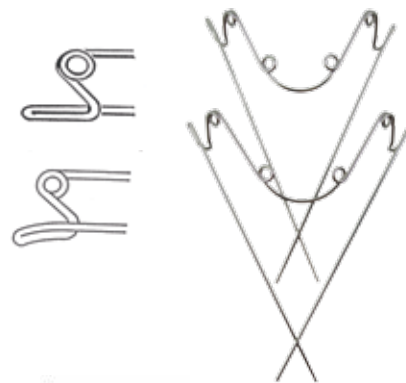
Item #	Upper	Sheath	Size
HQ-2431-G	Upper	Straight	1
HQ-2432-G	Upper	Straight	2
HQ-2433-G	Upper	Straight	3
HQ-2431	Upper	Curved	1
HQ-2432	Upper	Curved	2
HQ-2433	Upper	Curved	3

Sold in packs of 5 and 10 pcs. Please indicate when ordering.

BI-HELIX

Item #	Upper	Sheath	Size
HB-2451	Lower	Curved	1
HB-2452	Lower	Curved	2
HB-2453	Lower	Curved	3

Sold in packs of 10 pcs.



Vertical Pull



- Vertical correction
- Intrude molars
- More than 500 grams of closing force
- Comfortable
- Ring shaped pad distributes pressure on chin area
- High quality material

“After doing some extensive research, I found adenta’s Vertical Pull Headgear to be the most comfortable, best quality vertical pull chin cup in the orthodontic market. We’ve had very good co-operation from our patient and therefore excellent treatment results.”

Marth Mejia-Maidl D.D,S, MS

“The Vertical pull with chin cup is an easy adjunct to help control vertical dimension. The headgear is designed to be placed efficiently and tolerated well by the patients. adenta is an easy and knowledgeable company with which to work.” Dr. Harvey, Moorehead MN.

Absolute Vertical



The Vertical Pull Headgear with Chin Cup has been designed specifically to correct vertical and a wide range of facial myofunctional problems, such as open bites. As soon as the therapy begins, the Vertical Pull Headgear with Chin Cup holds the mouth closed continuously, reducing interdental habits and tongue protrusion. In addition,

the intrusive force on the molars is increased. This appliance can quickly change a mouth breathing habit to nose breathing.

Intrude Molars

The Vertical Pull Headgear also supports the intrusion of the molars. An intrusion of 1 mm in the molar region causes a closing of the frontal open bite by 2 mm. In this case, the Vertical Pull Headgear with Chin Cup provides excellent support with any

treatment and helps removable or non-removable appliances perform to their peak.

Increased patient co-operation

The Vertical Chin Cup is comfortable enough to be worn all day long. It can be washed as needed. In combination with the perfect fit of the headgear, it can produce more than 500 grams of closing force. The arms of the chin cup have been designed to avoid compression of the cheek area, and for optimum comfort, a cotton pad is provided. This ring-shaped cotton pad distributes pressure onto a surface five times larger than the regular pressure zone at the point of the chin. The so-created climatic zone and perforations in the chin cup keep the skin dry and prevent uncomfortable side effects, such as skin itching and bacterial infections.

Clinical Case



Sebastian H, 13 years: circular open bite 55-65, chronic tongue. Six months vertical High-pull bite planes, incisor spikes. Total treatment time including fixed devices, 22 months. During this time we never needed to use vertical intraoral elastics.

Vertical Pull Headgear order info

Item	Article Description	Sales Unit
KIK-SET/L	Vertical Pull Headgear + Chin Cup – Large	1 Kit
KIK-SET/M	Vertical Pull Headgear + Chin Cup – Medium	1 kit
KIK-SET/S	Vertical Pull Headgear + Chin Cup – Small	1 kit