



aesthetic self-ligation

Aesthetic braces for those on the **GO!**

Your patients' lives are continuously on the go. They are looking for an orthodontic solution that is both functional and aesthetic. The **H4 GO™** is that solution.







H4 GO™ FEATURES & BENEFITS

The H4 GO™ is a low-friction, light force orthodontic solution that delivers healthy tooth movement with optimal control. The contours of the slide and smooth rounded edges increase patient comfort. The H4 GO™ has all the great features of the H4™ Self-Ligating Bracket in aesthetic!

Integrated Hooks

Available on 3's, 4's, and 5's for no extra charge.

Smooth, Rounded Edges

For patient comfort.

Patent Pending Door

Slides into both open and closed positions. Rounded contours create hygienic door that repel plaque.

Large Under Tie-Wing Clearance

For easy ligation to support early elastics, ligatures, metal ligatures, and power chain.

Fracture & Stain Resistant

Hybrid Resin™ material holds up to common patient abuse.

One Piece Base

Designed for optimum pad-to-tooth fit and bond strength.

Slot is Passive

In initial stages. Full-sized wires will make 3-4 wall contact.

Better Sliding Mechanics

Smooth material provides less sliding friction than stainless steel.

Treadlok® Base

Patent pending base provides superior surface area for greater bond strength.

Compound Contour

Torque-in-base.



One Piece Base

One piece base/bracket design for optimum pad-to-tooth fit and bond strength.

Stronger Bond

Channels allow air to escape, creating a stronger and more conformed bond.

Deep Channels

Deep channels provide increased surface area for easier application and improved stability.

Enhanced Anatomy Fit

Enhanced bicuspid base curvature creates superior pre-molar anatomy fit.

Compound Contour

Torque-in-base.

Treadlok® Base

Tread pattern provides reinforced channels for multi-directional sheering protection.

Reduced Clean-Up

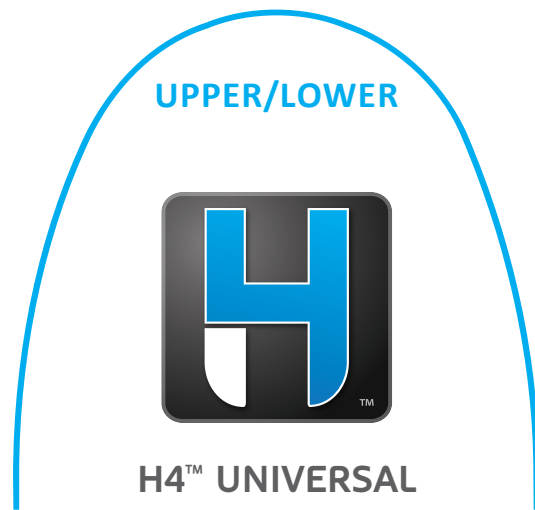
Improved Treadlok® guards minimize "flash" for easier adhesive clean-up.



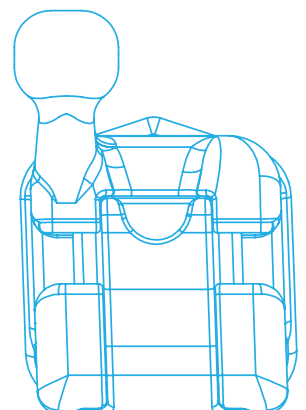
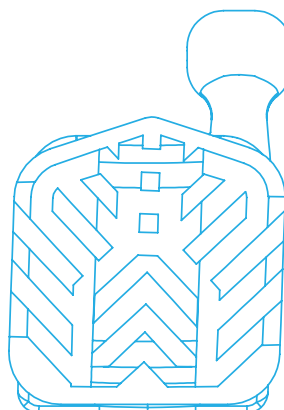
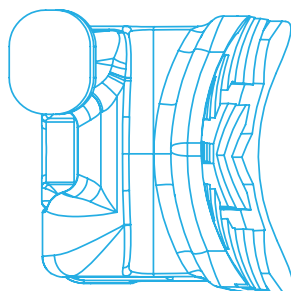
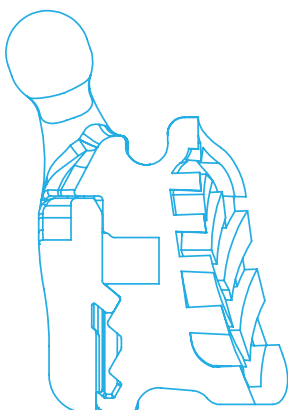
TREADLOK® FEATURES & BENEFITS

Our patent pending Treadlok® base features the latest in bracket bonding technology. The tread-like pattern creates a bond that holds up better to sheering forces. By utilizing the Treadlok® pattern, our brackets adhere more easily, and with a stronger bond, minimizing bond failures.

ARCHWIRE COMPARISON



Diagrams represent typical arch shapes. Actual sizes may vary slightly due to printing tolerances.



H4™ COLOR ARCHWIRES BOXES

Introducing our new Color-Coded Archwire Boxes. The new color-coded boxes easily identify the material, shape, and archform of the wire contained inside. All identifiers are easily seen from the top, front, back, and both sides making them easy to store and stack. Each box is filled with individually packed wires in convenient Tyvek pouches. The boxes are also perforated on the top for quick access to each individually packed archwire.



- Perforated Top For Quick Access
- Individually Packaged Archwires
- Color-Coded For Easy Identification
- Material, Shape, and Archform All Identifiable From Top, Front, Back, and Both Sides

**SUPER
ELASTIC**

**THERMAL
ACTIVATED**

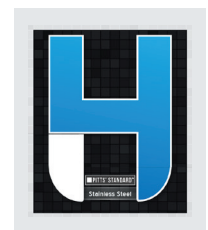
**BETA
TITANIUM**

**STAINLESS
STEEL**

H4™ UNIVERSAL



H4™ PITTS' STANDARD



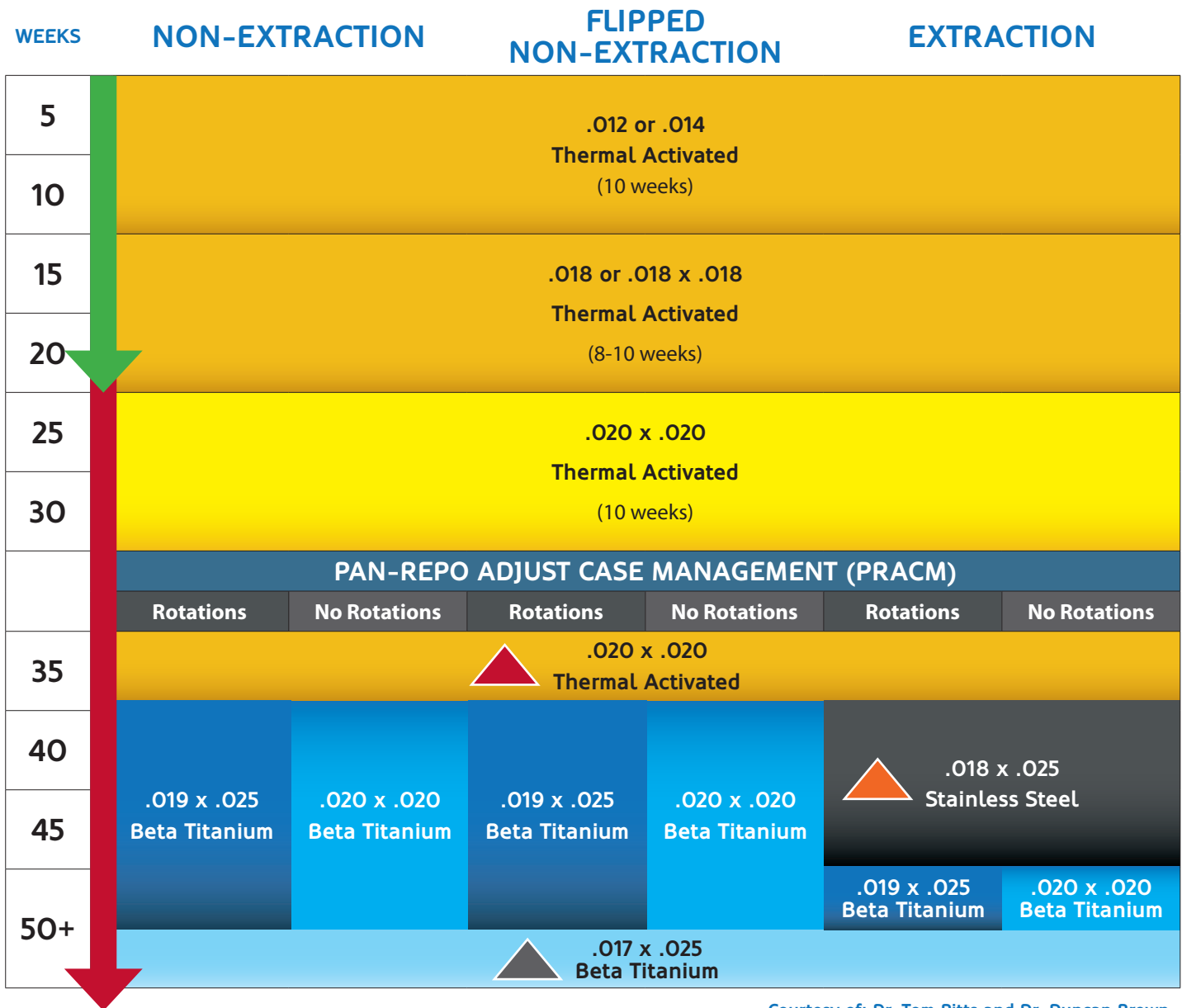
H4™ PITTS' BROAD



■ RECTANGLE

● ROUND

PITTS' ARCHWIRE SEQUENCE



Courtesy of: Dr. Tom Pitts and Dr. Duncan Brown



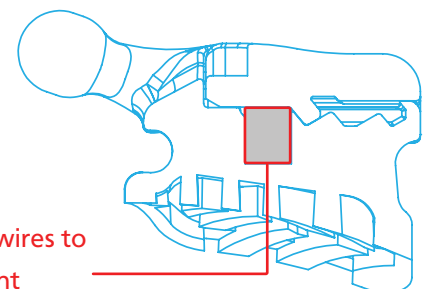
RESET BRACKETS OR PICK UP SECOND MOLARS



FOR ENMASSE SPACE CLOSURE



TO DEACTIVATE THE APPLIANCE WHEN IDEAL AXIAL INCLINATION ATTAINED OR BIOLOGICAL LIMIT IS REACHED



Slot designed to create four-wall contact with larger dimension wires to fully express the wire, providing torque and accuracy in treatment

ARCHWIRES

Understanding that each case requires specific attention to detail, we have narrowed down the archwires to the sizes and materials that work best in the H4™ system. The wire slot has been meticulously designed to create the best coupling with larger dimension wires, providing four-wall contact for slot-coupling torque expression.

		H4™ UNIVERSAL (NO DIMPLE)	H4™ UNIVERSAL (DIMPLED)	H4™ PITTS' STANDARD (NO DIMPLE)	H4™ PITTS' STANDARD (DIMPLED)	H4™ PITTS' BROAD (NO DIMPLE)	H4™ PITTS' BROAD (DIMPLE)
INCHES	MM	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER	ITEM NUMBER

THERMAL ACTIVATED NICKEL TITANIUM

10 PACK	.012	.30	620.0380	621.0380	620.0430	621.0430	620.0400	621.0400
	.014	.36	620.0381	621.0381	620.0431	621.0431	620.0401	621.0401
	.016	.41	620.0382	621.0382	620.0432	621.0432	620.0402	621.0402
	.018	.46	620.0383	621.0383	620.0433	621.0433	620.0403	621.0403
	.020	.51	—	—	620.0440	621.0440	620.0410	621.0410
	.018 x .018	.46 x .46	—	—	620.0442	621.0442	620.0412	—
	.020 x .020	.51 x .51	620.0389	—	620.0439	621.0439	620.0409	—
	.014 x .025 (Extraction)	.36 x .64	620.0384	621.0384	620.0434	621.0434	620.0404	—
	.016 x .025 (Extraction)	.41 x .64	620.0385	—	620.0435	621.0435	620.0405	—
	.018 x .025 (Extraction)	.46 x .64	620.0387	621.0387	620.0437	621.0437	620.0407	—
	.019 x .025	.48 x .64	620.0388	—	620.0438	621.0438	620.0408	—
	.021 x .025	.53 x .64	—	—	620.0441	621.0441	620.0411	—

SUPER ELASTIC NICKEL TITANIUM

10 PACK	.014	.36	625.0381	627.0381	625.0431	627.0431	625.0401	—
	.018	.46	625.0383	627.0383	625.0433	627.0433	625.0403	—
	.020	.51	625.0394	627.0393	625.0440	627.0440	625.0410	—
	.017 x .017	.43 x .43	625.0395	—	625.0445	627.0445	625.0415	—
	.020 x .020	.51 x .51	625.0389	—	625.0439	627.0439	625.0409	—
	.014 x .025	.36 x .64	—	—	625.0434	—	—	—
	.018 x .025	.46 x .64	—	—	625.0437	—	—	—
	.019 x .025	.48 x .64	—	—	625.0438	—	—	—

STAINLESS STEEL

10 PACK	.020 x .020	.51 x .51	651.0389	—	651.0439	—	651.0409	—
	.016 x .022	.41 x .56	—	—	651.0444	—	651.0414	—
	.016 x .025	.41 x .64	651.0385	—	651.0435	—	651.0405	—
	.017 x .025	.43 x .64	651.0386	—	651.0436	—	651.0406	—
	.018 x .025	.46 x .64	—	—	651.0437	—	651.0407	—
	.019 x .025	.48 x .64	651.0388	—	651.0438	—	651.0408	—

BETA TITANIUM

5 PACK	.020	.51	—	—	—	—	—	—
	.020 x .020	.51 x .51	646.0389	—	646.0439	—	646.0409	—
	.016 x .025	.41 x .64	646.0385	—	646.0435	—	646.0405	—
	.017 x .025	.43 x .64	646.0386	—	646.0436	—	646.0406	—
	.018 x .025	.46 x .64	646.0387	—	646.0437	—	646.0407	—
	.019 x .025	.48 x .64	646.0388	—	646.0438	—	646.0408	—
	.021 x .025	.53 x .64	—	—	646.0441	—	646.0410	—

ELUDE™ AESTHETIC COATED WIRE



Elude™ Aesthetic Coating

The Elude™ Aesthetic Coating is durable against the toughest conditions while also preventing bacteria from sticking to the wire. Resistant to chips, stains, and fragmentation. The coating provides a natural tooth color for optimum aesthetics.

FEATURES & BENEFITS

- Chip Resistant
- Stain Resistant
- Natural Tooth Color
- Excellent Sliding Mechanics





UNIVERSAL ARCHWIRE SEQUENCE

WEEKS	SHORT SEQUENCE	LONG SEQUENCE
	For standard cases	For crowding, short roots, and avoiding protrusion
5	.014 Thermal Activated (10 weeks)	.012 Thermal Activated (10 weeks)
10		
15	.018 Thermal Activated (5 weeks)	.014 Thermal Activated (5 weeks)
20	.014x.025 Thermal Activated (10 weeks)	.018 Thermal Activated (5 weeks)
25		.014x.025 Thermal Activated (10 weeks)
30	.018x.025 Thermal Activated (5 weeks)	
35	.020x.020 Thermal Activated (5 weeks)	.016x.025 Thermal Activated (5 weeks)
40	.019x.025 Stainless Steel (6 weeks)	.018x.025 Thermal Activated (5 weeks)
45		.020x.020 Thermal Activated (5 weeks)
	.019x.025 Beta Titanium (4 weeks)	.019x.025 Stainless Steel (6 weeks)
50		
55		.017x.025 Beta Titanium (5 weeks)



PINNACLE
education | community | collaboration

**WISDOM
BEGINS
WITH
WONDER.**



KEYNOTE SPEAKER

Dr. Tom Pitts



The Pinnacle is:

- A fun educational orthodontic event
- An opportunity to listen & interact with progressive educators
- An arena for exciting new creative thinkers
- A breath of fresh ideas
- An occasion to rediscover your passion

Dallas, TX OCTOBER 8 - 11, 2015

For More Information



www.orthoclassic.com/pinnacle



OPENING & CLOSING



The H4™ Tool™ is an excellent opening/closing instrument for all H4 brackets. The sloped tip provides a comfortable angle for opening and closing bracket doors.



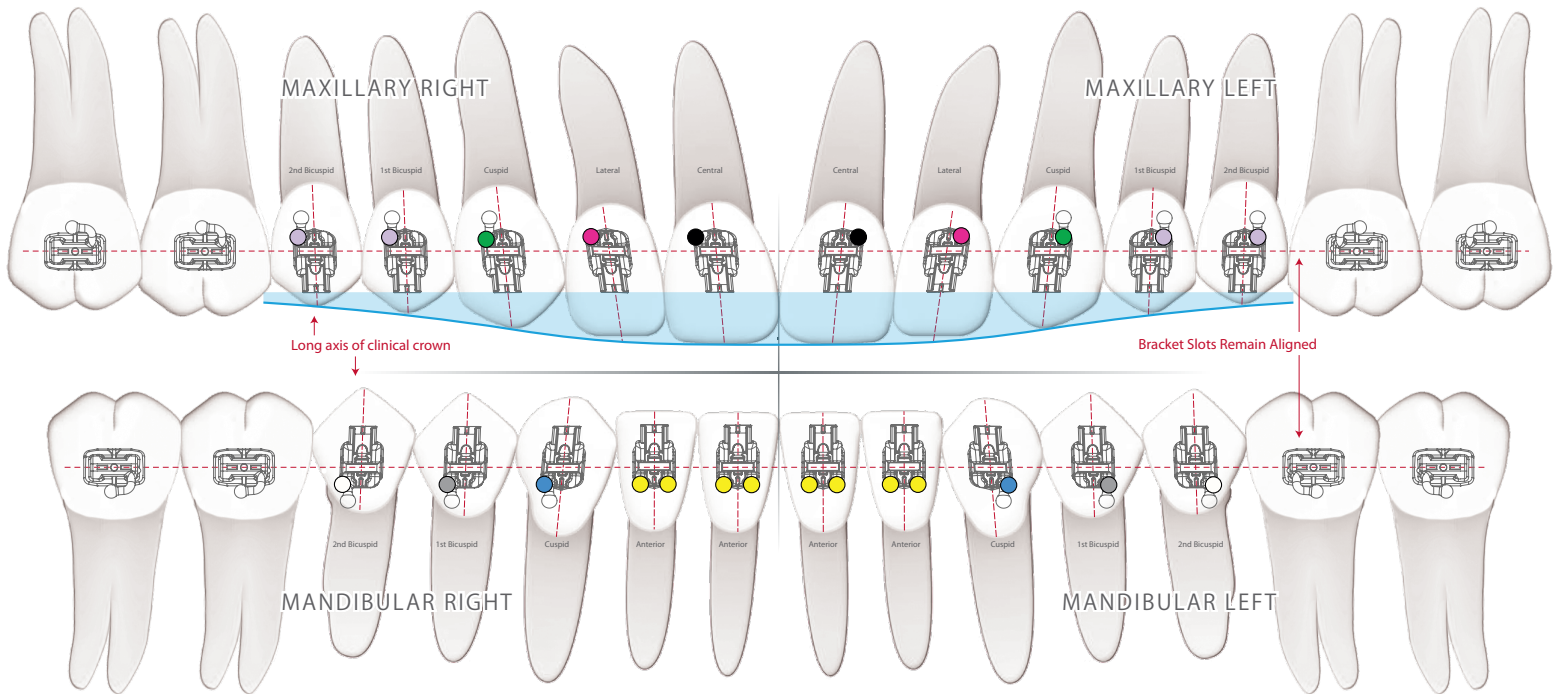
The Director Tool™, inspired by the director, provides swift accuracy in opening the bracket doors for the H4™ brackets. It also helps direct the wires for removal and placement.



Pull sliding door occlusal with H4™ Tool™ and Director Tool™ to open. Push door gingival to close.



SMILE ARC PROTECT (SAP)



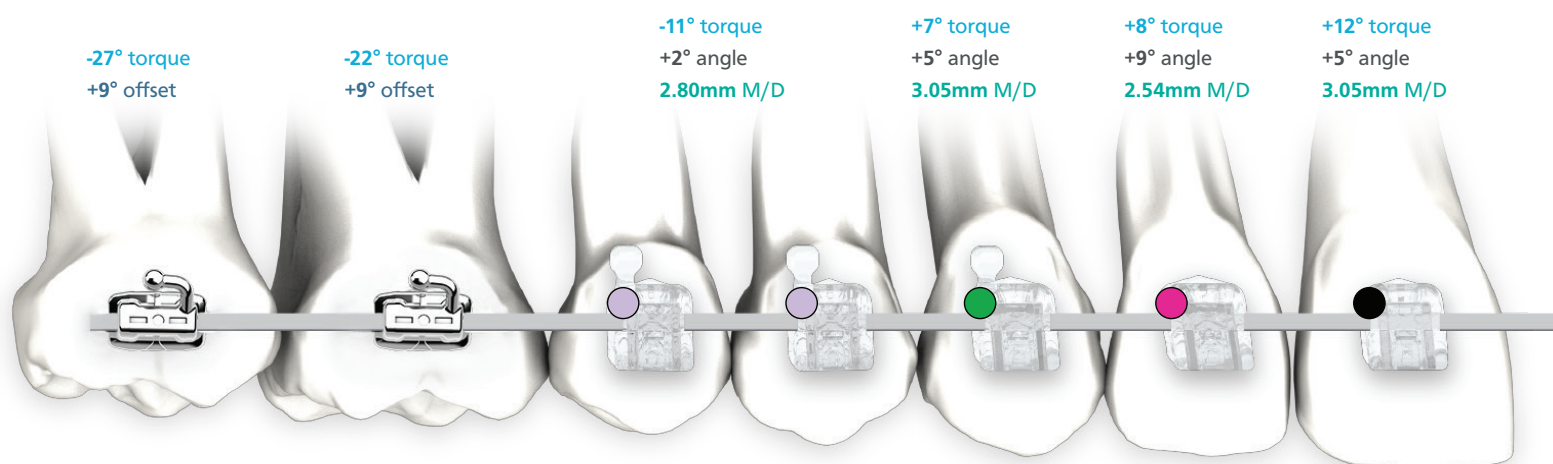
Smile curve flattened after orthodontic treatment. Brackets bonded with conventional heights.



Consonant Smile-Arc, results of bonding brackets with SAP.

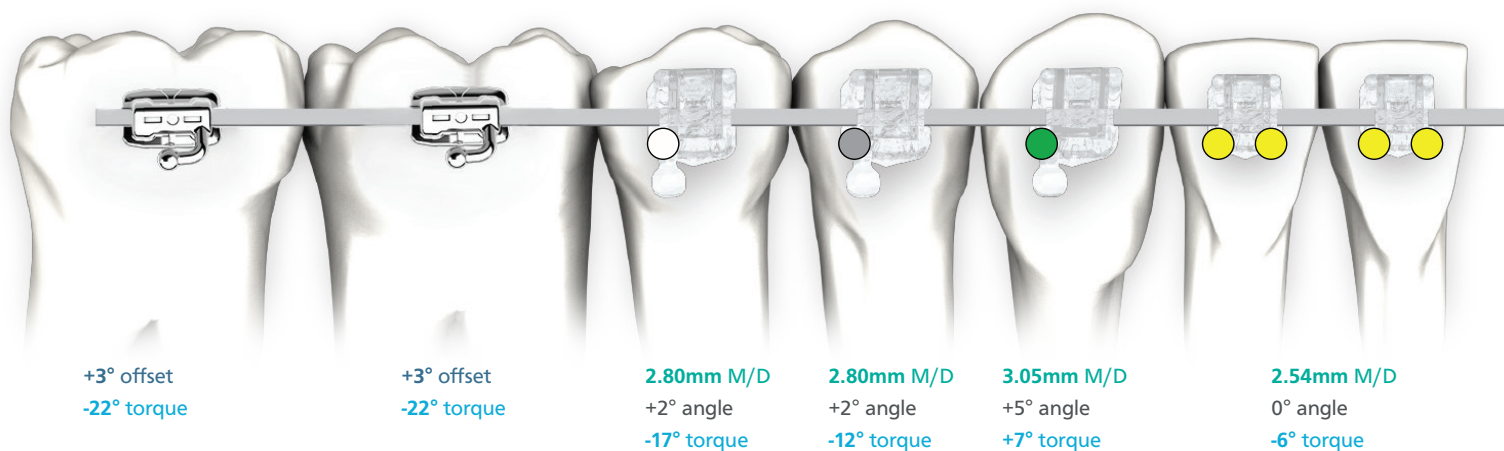
Courtesy of Dr. Tomas Castellanos

H4™ GO™ BRACKET CHART



RIGHT

RIGHT



H4™ GO™ BRACKET CHART

+12° torque
+5° angle
3.05mm M/D

+8° torque
+9° angle
2.54mm M/D

+7° torque
+5° angle
3.05mm M/D

-11° torque
+2° angle
2.80mm M/D

-22° torque
+9° offset

-27° torque
+9° offset

LEFT

LEFT

2.54mm M/D
0° angle
-6° torque

3.05mm M/D
+5° angle
+7° torque

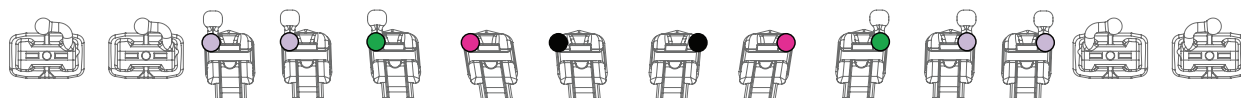
2.80mm M/D
+2° angle
-12° torque

2.80mm M/D
+2° angle
-17° torque

+3° offset
-22° torque

+3° offset
-22° torque

H4™ GO™ PRESCRIPTION CHART



H4 GO™ MAXILLARY (UPPER)

TOOTH	TORQUE	ANGLE	OFFSET	M/D IN MM	COLOR CODE	RIGHT/LEFT	HOOK	.022 SLOT
Central (U1)	+12°	+5°	0°	3.05	●	Right		217.2001
						Left		217.2002
Lateral (U2)	+8°	+9°	0°	2.54	●	Right		217.2003
						Left		217.2004
Cuspid (U3)	+7°	+5°	0°	3.05	●	Right		217.2005
						Left		217.2006
					●	Right	Distal Hook	217.2007
						Left	Distal Hook	217.2008
Bicuspid (U4, U5)	-11°	+2°	0°	2.80	●	Right		217.2009
						Left		217.2010
					●	Right	Distal Hook	217.2011
						Left	Distal Hook	217.2012
1st Molar (U6)	-22°		+9°	3.70		Right	Gingival	907.2099
						Left	Gingival	907.2100
2nd Molar (U7)	-27°		+9°	3.70		Right	Gingival	907.2101
						Left	Gingival	907.2102

METAL H4

H4 GO™ (3x3) SETS

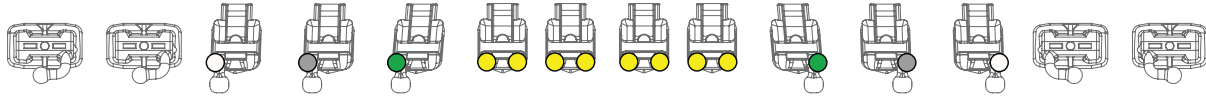
DESCRIPTION	HOOKS	.022 SLOT
3x3 Upper Only GO (6 Brackets)	Hooks on Upper 3's Only	217.2038
3x3 Upper/Lower GO (12 Brackets)	Hooks on 3's Only	217.2035

H4 GO™ TYPODONT

DESCRIPTION	
5x5 Typodont	217.0102



H4™ GO™ PRESCRIPTION CHART



H4 GO™ MANDIBULAR (LOWER)

TOOTH	TORQUE	ANGLE	OFFSET	M/D IN MM	COLOR CODE	RIGHT/LEFT	HOOK	.022 SLOT
Anteriors (L1, L2)	-6°	0°	0°	2.54	●●	Universal		217.2013
Cuspid (L3)	+7°	+5°	0°	3.05	●	Right		217.2006
					●	Left		217.2005
					●	Right	Distal Hook	217.2008
					●	Left	Distal Hook	217.2007
1st Bicuspid (L4)**	-12°	+2°	0°	2.80	●	Right		217.2018
					●	Left		217.2019
					●	Right	Distal Hook	217.2020
					●	Left	Distal Hook	217.2021
2nd Bicuspid (L5)**	-17°	+2°	0°	2.80	○	Right		217.2022
					○	Left		217.2023
					○	Right	Distal Hook	217.2024
					○	Left	Distal Hook	217.2025
1st/2nd Molar (U6/U7)	-22°	0°	+3°	3.70		Right	Gingival	907.2107
						Left	Gingival	907.2108

METAL H4

H4 GO™ (5x5) SETS

DESCRIPTION	HOOKS	.022 SLOT
Full Set (20 Brackets) 5x5	No Hooks	217.2034
Full Set (20 Brackets) 5x5	Hooks on 3's, 4's, & 5's	217.2032
Full Set (20 Brackets) 5x5	Hooks on 3's & 4's	217.2031
Full Set (20 Brackets) 5x5	Hooks on 4's & 5's	217.2033
Full Set (20 Brackets) 5x5	Hooks on 3's Only	217.2030

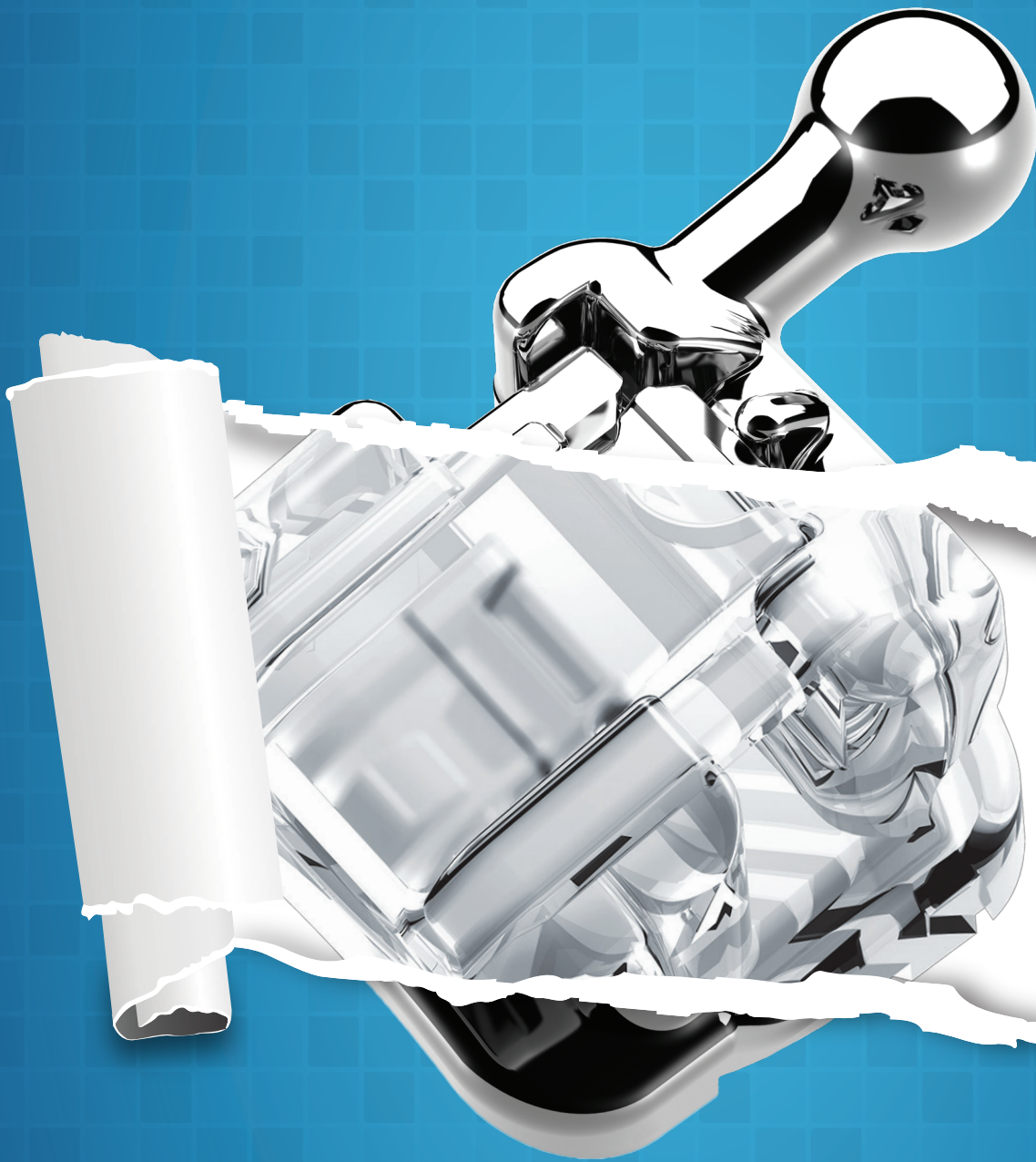
H4 GO™ (5x5) COMBO SETS (H4 GO & STANDARD H4)

DESCRIPTION	HOOKS	.022 SLOT
5x5 Upper/Lower GO, 4/5 H4 (20 Brackets)	Hooks on 3's, 4's, & 5's	900.4002
5x5 Upper/Lower GO, 4/5 H4 (20 Brackets)	Hooks on 3's Only	900.4003





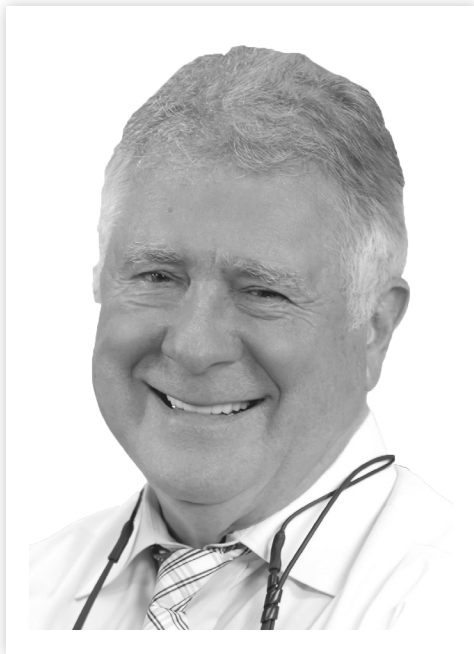
Join the H4™ Self-Ligating Bracket System Family



Aesthetic Self-Ligating

Innovating Innovation

SPEAKERS BUREAU



Thomas Pitts
D.D.S., M.Sc.D.

Thomas Pitts D.D.S., M.Sc.D.

Associate Clinical Orthodontic Professor, University of Pacific, Dugoni School of Dentistry

B.A. University of Nevada, Reno 1958-1961

D.D.S. University of Pacific, Valedictorian 1965

M.S.D. & Certificate of Orthodontics
University of Washington 1970

Practicing Orthodontist: 1970-Present

Private orthodontic practice, Harker Heights, Texas

Teaching & Publications

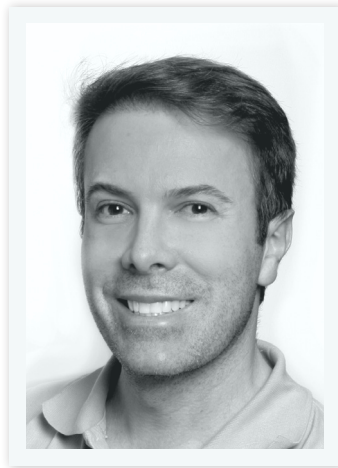
Dr. Pitts has been published in multiple journals and clinical publications. He has been actively teaching the orthodontic community in a variety of settings both nationally and internationally since 1986.

Membership & Involvement

American Association of Orthodontists, Pacific Coast Society of Orthodontists, American Dental Association, Northern Nevada Dental Society, Past-President of Northern Nevada Dental Society, Past Examiner for the Nevada State Dental Board of Examiners, Originator and director of International Pitts Progressive Study Group 1978 – present



Duncan Brown
B.Sc., D.D.S., D. Ortho



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Visit our Speaker's Bureau page online at:
www.orthoclassic.com/h4-speakers-bureau

At Last, a Clear Solution.


























REFERENCE CHARTS

Selecting the Appropriate Elastics and Coil Springs

These charts make selecting the appropriate latex elastics, non-latex elastics and coils springs easier than ever. Simply measure the distance in mm between the desired hooks, then using that measurement select the appropriate strength or size. The cross-point of those selections will give you the applicable elastic or coil spring to use for optimum results.

Latex Elastic Selection Chart

Desired Strength	1/8" (3mm)						3/16" (5mm)					1/4" (6mm)											
2.5 oz.	 Plain: 60.63.833.00025 Color: 60.63.833.31025						 Plain: 60.63.843.00025 Color: 60.63.843.31025					 Plain: 60.63.853.00025 Color: 60.63.853.31025											
3.5 oz.		 Plain: 60.63.834.00035 Color: 60.63.834.31035										 Plain: 60.63.844.00035 Color: 60.63.844.31035				 Plain: 60.63.854.00035 Color: 60.63.854.31035							
4.5 oz.				 Plain: 60.63.835.00045 Color: 60.63.835.31045							 Plain: 60.63.845.00045 Color: 60.63.845.31045						 Plain: 60.63.855.00045 Color: 60.63.855.31045						
6.0 oz					 Plain: 60.63.836.00060 Color: 60.63.836.31060						 Plain: 60.63.846.00060 Color: 60.63.846.31060				 Plain: 60.63.856.00060 Color: 60.63.856.31060								
	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
Distance from Hook to Hook (in mm)																							













Desired Strength	5/16" (8mm)				3/8" (9mm)													
2.5 oz.	 Plain: 60.63.863.00025 Color: 60.63.863.31025				 Plain: 60.63.873.00025 Color: 60.63.873.31025													
3.5 oz.	 Plain: 60.63.864.00035 Color: 60.63.864.31035				 Plain: 60.63.874.00035 Color: 60.63.874.31035													
4.5 oz.					 Plain: 60.63.865.00045 Color: 60.63.865.31045						 Plain: 60.63.875.00045 Color: 60.63.875.31045							
6.0 oz					 Plain: 60.63.866.00060 Color: 60.63.866.31060				 Plain: 60.63.876.00060 Color: 60.63.876.31060									
	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

Distance from Hook to Hook (in mm)









Courtesy of: Dr. Tomas Castellanos

Courtesy of: Dr. Tomas Castellanos

Non-Latex Elastic Selection Chart

Desired Strength	1/8" (3mm)							3/16" (5mm)							1/4" (6mm)																		
2.5 oz.	 60.63.933.00025							 60.63.943.00025							 60.63.953.00025																		
3.5 oz.			 60.63.934.00035							 60.63.944.00035							 60.63.954.00035																
4.5 oz.				 60.63.935.00045							 60.63.945.00045							 60.63.955.00045															
6.0 oz						 60.63.936.00060							 60.63.946.00060							 60.63.956.00060													
	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29											

Distance from Hook to Hook (in mm)

Desired Strength	5/16" (8mm)										3/8" (9mm)													
2.5 oz.	 60.63.963.00025										 60.63.973.00025													
3.5 oz.			 60.63.964.00035										 60.63.974.00035											
4.5 oz.			 60.63.965.00045										 60.63.975.00045											
6.0 oz					 60.63.966.00060										 60.63.976.00060									
	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42							
Distance from Hook to Hook (in mm)																								



Coil Spring Selection Chart

Courtesy of: Dr. Tomas Castellanos

Size	Force Grams (x)	Stretch in mm to Obtain the (x) Force																	
9 MM	75	14	15	16	17	18													
	150				17	18	19	20	21										
	200									22	23	24	25	26					
	250									22	23	24	25	26					
12 MM	75				17	18	19	20	21										
	150													26	27	28	29	30	
	200											24	25	26	27	28			
	250				17	18	19	20	21										

If distance is larger than coil spring, metal ligature is suggested

■ WITHIN WORKING RANGE

■ IDEAL FORCE LEVELS



McMinnville, OR USA

www.orthoclassic.com

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