

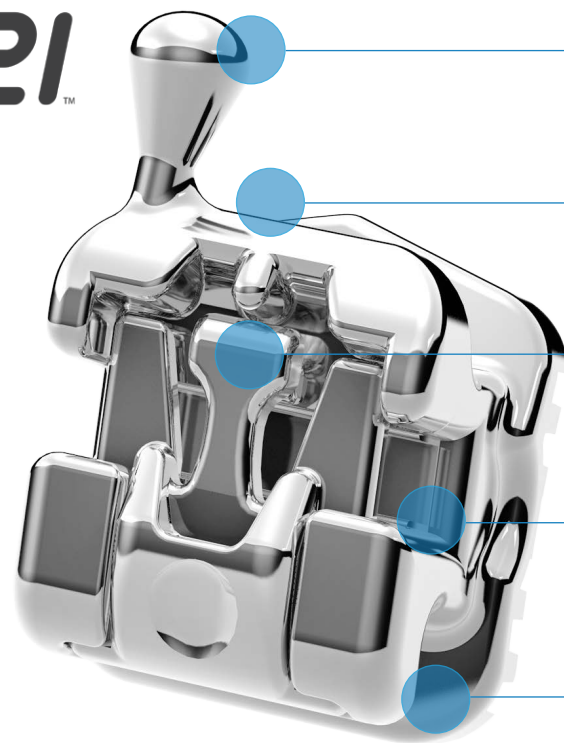
# Pitts21™

3D CONTROL HAS ARRIVED



orthodontics  
Finish with the Best

**Pitts21™**



### Integrated Hooks

An available option on the 3's, 4's and 5's for your convenience at no extra charge.

### Smooth, Rounded Edges

Ensures that your patients have the most comfortable experience.

### Unique Door Design

The unique sliding door creates improved control of rotation and torque, while providing enhanced structural stability.

### .021 Precision Slot Depth

The reduced slot depth provides a tighter pairing between the wire and the bracket leading to earlier engagement, improved torque, and better control.

### Large Under Tie-Wing Clearance

Supports early elastics, ligatures, metal ligatures, and power chain.

### Base Lock Plus

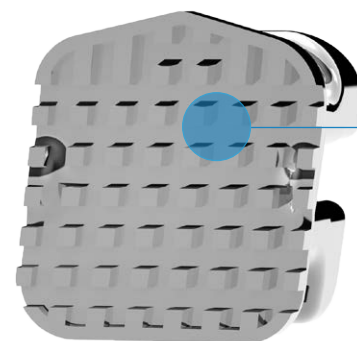
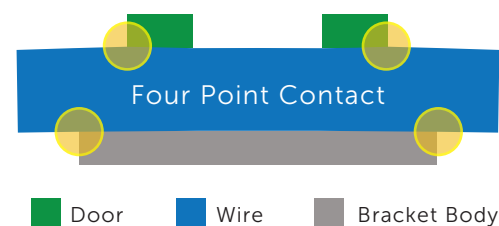
One piece base/bracket creates an optimum pad-to-tooth fit and bond strength resulting in fewer broken brackets and fewer debonding issues.

### Square Wire Finishing

Provides you with unparalleled 3D control earlier and throughout treatment.

### The Science of the Pitts 21 Door

Designed for enhanced stability and control.



## Pitts 21 Self-Ligating System



# Pitts21™

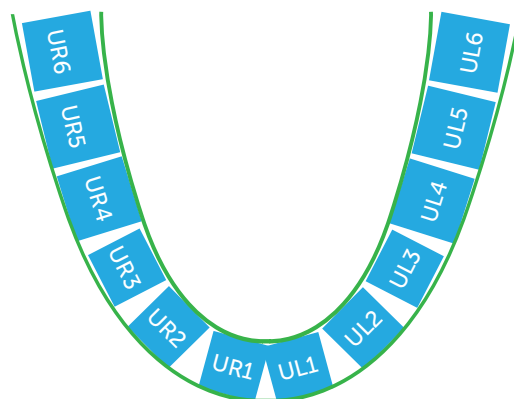
- First and only self-ligating system that provides **3D control** earlier and throughout treatment.
- Revolutionary **square wire finishing** uses 30-40% lighter forces\* with greater control, comfort, and sliding mechanics.
- **Progressive slot** provides an intelligent balance of control and freedom of movement to provide effective sliding mechanics.
- **Predictable finishes** in as few as 4 wires.

*\*Horizontal and vertical forces; compared to rectangular systems*

## Progressive Slot Depth Delivers 3D Control

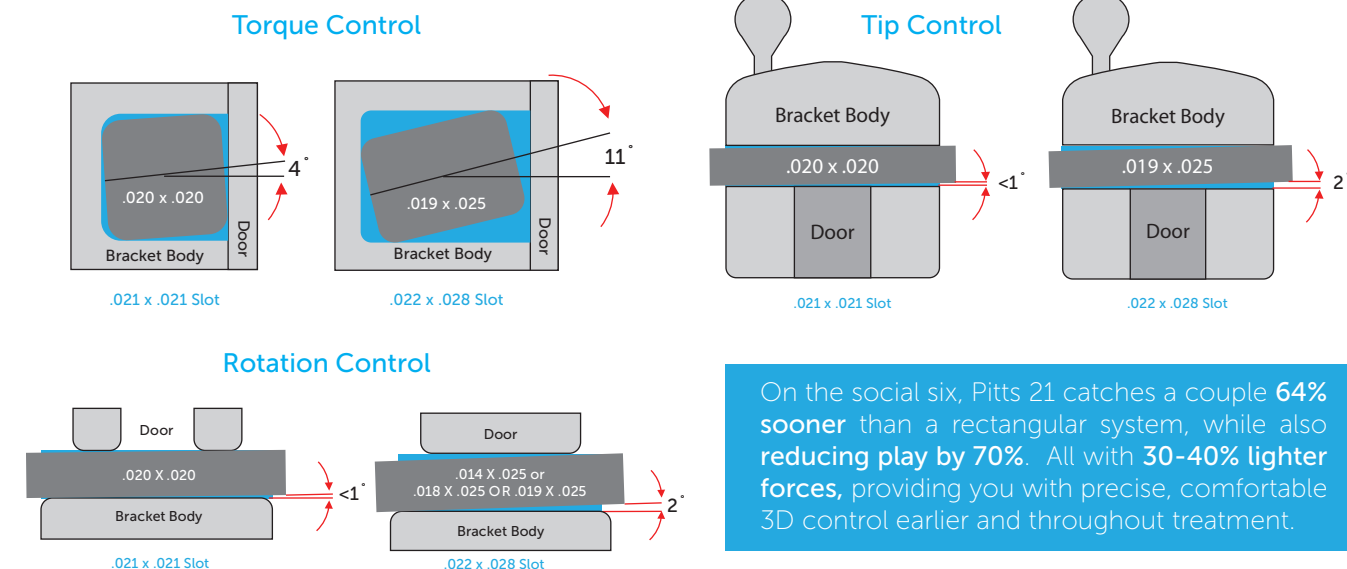
The patent pending Pitts 21 system progressively varies the slot from square in the anterior to rectangular in the posterior portion of the arch. **This provides exceptional control of the anterior teeth while allowing for increased freedom of movement on the posterior teeth.**

Slot depth, from buccal to lingual.



## Pitts 21 Self-Ligating System

### Square Wire Finishing



On the social six, Pitts 21 catches a couple **64% sooner** than a rectangular system, while also **reducing play by 70%**. All with **30-40% lighter forces**, providing you with precise, comfortable 3D control earlier and throughout treatment.

## Powerful Benefits

### Designed to Reduce Treatment Time

Improved early 3D control of torque, tip and rotation reduces treatment time

### Remarkable Patient Comfort

Square wire finishing uses 30-40% lighter forces\* with greater control than traditional rectangular wire

### Efficient Tooth Movement

True 3D control in as few as 4 wires promotes efficient tooth movement

### Stunning Smiles

Pitts active early protocols enable you to create the most stunning smiles

*\*Horizontal and vertical forces; compared to rectangular systems*



Pitts 21 Outperforms Rectangular

In the charts below you can see the impact of Pitts 21. Pitts 21 catches a couple sooner when compared to a rectangular archwire system. In addition to catching a couple sooner and finishing in as few as 4 wires, Pitts 21 delivers more precise 3D movement while using lighter forces than other rectangular systems. A quicker couple, with decisive control - Pitts 21.

Pitts 21 Square Wire Treatment vs. Rectangular Wire Treatment

Pitts 21 Square Wire Treatment - .021 x .021							
Phase	Initial		Working			Finishing	
Wire	.014 Thermal Activated Nickel Titanium		.018 x .018 Ultra-Soft Thermal Activated Nickel Titanium		.020 x .020 Thermal Activated Nickel Titanium	.020 x .020 Beta Titanium or Stainless Steel	
Torque	No Control		14.2°	51% Sooner	4.2°	70% Sooner	4.2° 62% Sooner
Rotation	4.5°	47% Sooner	1.9°	Same	0.6°	65% Sooner	0.6° 65% Sooner
Tip	3.8°	11% Sooner	1.9°	55% Sooner	0.6°	74% Sooner	0.6° 66% Sooner

Compared To	Rectangular Archwire Treatment - .022 x .028				
Phase	Initial		Working		Finishing
Wire	.014 Nickel Titanium	.018 Nickel Titanium	.014 x .025 Nickel Titanium		.019 x .025 Stainless Steel
Torque	No Control	No Control	28.8°		10.9°
Rotation	8.5°	6.1°	1.9°		1.9°
Tip	4.3°	2.2°	4.3°		1.6°

\*Charts based on anterior teeth (cuspid to cuspid) with minimal A/P discrepancy

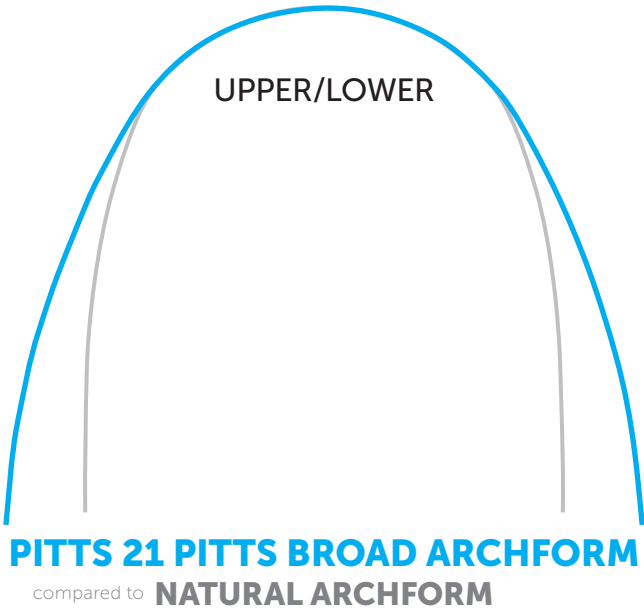
Pitts 21 Catches a Couple Sooner!

As Few as Four Wires From Start to Finish

With the Pitts 21 system you will use as few as four wires from start to finish. Fewer wires means fewer appointments for your patients, saving you time and money.

Phase	Initial	Working		Finishing	Optional Archwires		
Wire	.014 Thermal Activated Nickel Titanium	.018 x .018 Ultra-Soft Thermal Activated Nickel Titanium	.020 x .020 Thermal Activated Nickel Titanium	.020 x .020 Beta Titanium	.019 x .019 Stainless Steel	.020 x .020 Stainless Steel	.020 x .020 Ultra-Soft Thermal Activated Nickel Titanium
					Extraction Cases	Extra Width	After Repo Appt

We offer you a variety of archwires to complement the Pitts 21 bracket and deliver the torque and control you need with square wire finishing. The Pitts 21 Broad archwires have been meticulously designed to reduce extractions while achieving torsion even earlier meaning you can finish cases faster.



Diagrams represent typical arch shapes. Actual sizes may vary slightly.

“I had the opportunity to test the Pitts 21 bracket system, which included the recommended archwire sequence. I was amazed in what I experienced which included faster and greater control with both rotation and torque and with lighter forces. Even though the sample size was limited, based upon what I experienced, I believe Pitts 21 is a powerful precision appliance system with previously unknown control.”

James Morrish D.D.S.  
Morrish Stewart Orthodontics



## Single Prescription Inventory

Unlike other bracket systems, the versatile Pitts 21 System is a single prescription for all patients. Without the need for a variable bracket inventory, you can simplify processes for your staff while reducing your bracket inventory, saving you both time and money.

.022" x .026" slot		.021" x .026" slot		.021" x .021" slot	
-27° torque +9° offset	-22° torque +9° offset	-11° torque +2° angle	+9° torque +5° angle	+6° torque +9° angle	+12° torque +5° angle
		2.80mm M/D	3.05mm M/D	2.54mm M/D	3.05mm M/D
2nd Molar (UR7/UR6) H4 Buccal Tube w/ Gingival Hook <b>907.2101</b>	1st Molar (UR6) H4 Buccal Tube w/ Gingival Hook <b>907.2099</b>	Bicuspid (UR4/5) No Hook <b>946.2009</b> w/ Distal Hook <b>946.2011</b>	Cuspid (UR3) No Hook <b>946.2005</b> w/ Distal Hook <b>946.2007</b>	Lateral (UR2) No Hook <b>946.2003</b>	Central (UR1) No Hook <b>946.2001</b>

Right

Right

.022" x .026" slot		.021" x .026" slot		.021" x .021" slot	
+3° offset -22° torque	+3° offset -22° torque	+2° angle -17° torque	+2° angle -12° torque	+5° angle +9° torque	0° angle -6° torque
2.80mm M/D	2.80mm M/D	3.05mm M/D	2.54mm M/D		
2nd Molar (LR7) H4 Buccal Tube w/ Gingival Hook <b>907.2107</b>	1st Molar (LR6) H4 Buccal Tube w/ Gingival Hook <b>907.2107</b>	2nd Bicuspid (LR5) No Hook <b>946.2022</b> w/ Distal Hook <b>946.2024</b>	1st Bicuspid (LR4) No Hook <b>946.2018</b> w/ Distal Hook <b>946.2020</b>	Cuspid (LR3) No Hook <b>946.2014</b> w/ Distal Hook <b>946.2016</b>	Anterior (L1/2) No Hook <b>946.2013</b>

## Single Prescription Inventory

Standard Set  
(20 Brackets) 5x5  
Hooks on 3's, 4's, & 5's  
**#946.2032**

Standard Full Set  
(28 Brackets) 7x7  
Hooks on 3's, 4's, & 5's  
**#946.2155**

.021" x .021" slot			.021" x .026" slot		.022" x .026" slot	
+12° torque +5° angle	+6° torque +9° angle	+9° torque +5° angle	-11° torque +2° angle	-22° torque +9° offset	-27° torque +9° offset	
3.05mm M/D	2.54mm M/D	3.05mm M/D	2.80mm M/D			
Central (UL1) No Hook <b>946.2002</b>	Lateral (UL2) No Hook <b>946.2004</b>	Cuspid (UL3) No Hook <b>946.2006</b> w/ Distal Hook <b>946.2008</b>	Bicuspid (UL4/5) No Hook <b>946.2010</b> w/ Distal Hook <b>946.2012</b>	1st Molar (UL6) H4 Buccal Tube w/ Gingival Hook <b>907.2100</b>	2nd Molar (UL7/UL6) H4 Buccal Tube w/ Gingival Hook <b>907.2102</b>	

Left

Left

.021" x .021" slot				.021" x .026" slot		.022" x .026" slot	
0° angle -6° torque	+5° angle +9° torque	+2° angle -12° torque	+2° angle -17° torque	+3° offset -22° torque	+3° offset -22° torque		
2.54mm M/D	3.05mm M/D	2.80mm M/D	2.80mm M/D				
Anterior (L1/2) No Hook <b>946.2013</b>	Cuspid (LL3) No Hook <b>946.2015</b> w/ Distal Hook <b>946.2017</b>	1st Bicuspid (LL4) No Hook <b>946.2019</b> w/ Distal Hook <b>946.2021</b>	2nd Bicuspid (LL5) No Hook <b>946.2023</b> w/ Distal Hook <b>946.2025</b>	1st Molar (LL6) H4 Buccal Tube w/ Gingival Hook <b>907.2108</b>	2nd Molar (LL7) H4 Buccal Tube w/ Gingival Hook <b>907.2108</b>		

## Pitts 21 Patient

### Initial



### Initial Bonding

2.5 oz elastics on lower 3's to upper 5's (anterior) 24-hours a day  
2.5 oz elastic on upper 2's to lower 1's (reverse rainbow)  
.014 Wire  
Bite-Turbos



## Pitts 21 Patient

### 6 Months Progress



Repositioned Brackets  
.020 x .020 Ultra-Soft Thermal Activated

### 11 Months Progress



.020 x .020 Ultra-Soft Thermal Activated  
Nickel Titanium Wire

Photos taken throughout treatment by:  
Ortho Country Orthodontics  
Ollins Orthodontics  
Littlejohn Orthodontics  
Maccaro Orthodontics

## Additional Pitts 21 Products

### Pitts 21™ 5-Case Starter Kit

We want you to experience the difference of the Pitts 21 system yourself with our Pitts 21 starter kit. Our starter kit includes: 5 Full Sets (7x7) of Pitts 21 brackets and buccal tubes, (7) Sets of Pitts 21 Pitts Broad Arch-wires (5 upper and 5 lower of each set), Pitts 21 Tool, Angled Self-Locking Bracket Tweezer, USB Flash Drive, and Pitts 21 Kit Brochure.



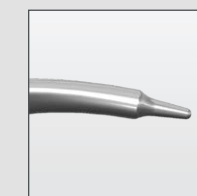
#946.2150



**H4 TOOL™**  
Pitts 21

The H4/Pitts 21 Tool is an excellent opening and closing instrument for all Pitts 21 brackets. The sloped tip provides a comfortable angle for opening and closing bracket doors.

#916.0100



**Director Tool**

The Director Tool swiftly opens the Pitts 21 doors. It also helps direct wires for removal and placement.

#916.0101



**A transformational new self-ligating bracket system that delivers 3D control for fast and more precise finishes.**



"As a practicing orthodontist and as a Pitts 21 patient, I can see firsthand the advantages of a square bracket slot. The control, speed and torque control were vastly superior as compared to my mini-twin bracket patients."

**Jeff Haskins D.D.S., M.S., P.C.**

*Village Orthodontics*

**Thomas Pitts D.D.S., M.S.D.**

**Dr. Tom Pitts** is a world renowned leader in esthetic orthodontics and is highly recognized for his teaching on orthodontic finishing and clinical excellence. Dr. Pitts is most known for his innovative protocols and creation of the Smile Arc Protection. He has a variety of clinical publications and has been an active lecturer since 1986. He is also an associate clinical professor at the University of Nevada, Las Vegas. Dr. Pitts currently practices at Ortho Country Orthodontics, OC's on-site orthodontic clinic.

**Ready to finish with the best?**  
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