

Wilson Pro Staff and Six.One tennis rackets with Perimeter Weighting System (PWS)



Wilson **Pro Staff** and **Six.One** tennis rackets with Perimeter Weighting System (PWS)



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1 Introduction to Wilson Pro Staff and Six. One tennis rackets

http://www.tennisracketsuk.com/manufacturers-of-tennis-rackets/wilson-tennis-rackets/

Wilson sporting goods originally manufactured baseball equipment, however after WWII started to design and manufacture **tennis rackets**⁽¹⁾. Wilson supply tennis rackets to many of the world's top tennis players, including **Roger Federer**, who currently uses Wilson's flagship tennis racket, the **Wilson Six.One Tour**.

Wilson have been one of the leading manufacturers of tennis rackets for the last couple of decades. Wilson were extremely popular for improvers, advanced and tour players. The **Wilson Hammer Series** which were very head heavy were very popular with improver tennis players looking for a little more power from a head heavy tennis racket.

The **legendary Wilson Pro Staff** range of tennis rackets were the weapons of choice for many pro tennis players. **Pete Sampras** won 14 grand slam titles using the **Wilson Pro Staff 6.1**, a tennis racket made using **graphite and kevlar**. The **Wilson Pro Staff 6.1** was so popular among tennis players that it is still **Wilson's flagship tennis racket**, the **Wilson BLX Six.One Tour** is the latest version. However it has changed very slightly over the years; it is now made from a high modulus graphite and has a slightly larger head size (85 – 90 in sq).

Legendary tennis players like **Pete Sampras**, **Jimmy Conners**, **Stefan Edberg and Jim Courier** all used Wilson tennis rackets in the ATP Tour. Grand slam winners **Justine Henin**, **Steffi Graf and Chris Evert** all used Wilson tennis rackets in the ladies game.

Today Rodger Federer and Juan Martín del Potro, use the legendary Wilson Six.One tennis rackets.

(1) racket(s) ~ racquet(s)

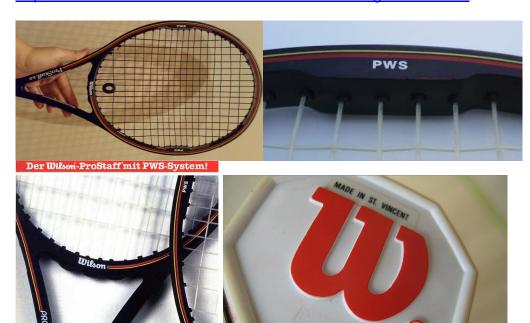


2 Wilson Pro Staff Original 6.0 (Pro Staff Midsize Original); since 1983/1984

Wilson Pro Staff Original 6.0, Pro Staff Midsize Original, St. Vincent model, 1984

Head size: 85 sq. inch

http://en.wikipedia.org/wiki/Wilson_Pro Staff_Original_6.0 http://thetenniswiki.com/Wilson+Pro+Staff+6.0+Original+Mid+85



PWS = Perimeter Weighting System

Uses weight on the perimeter (3 and 9 o'clock positions) of the frame to increase the racquet's inertia and to improve torsional stability and reduce racquet twisting.





The **Pro Staff Original** was the brainchild of Wilson marketing back in 1982. Following on the heels of the successful Ultra and Sting models, the Pro Staff combined the basic racquet shape of the Sting with the Ultra's braided **graphite/kevlar construction** and **Perimeter Weighting System (PWS)**. The Pro Staff was **introduced in 1983**. Originally manufactured in Wilson's River Grove (Chicago), IL factory, it had no bumper (a bumper was added in 1984). Shortly thereafter, manufacturing was moved to **St. Vincent**, The Grenadines. The St. Vincent factory products, used by **Pete Sampras** to the exclusion of all other versions, has become the collector's choice of preference. Since the St. Vincent factory closed down, demand for the iconic **St. Vincent Pro Staff Original** continues to raise its value.



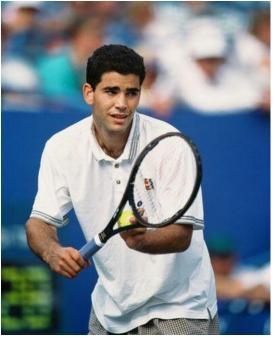


http://www.80s-tennis.com/pages/pete-sampras.html http://de.wikipedia.org/wiki/Pete_Sampras http://www.petesampras.com/









"The King of Swing": "Pistol" **Pete Sampras** (ca. 1992) with **Wilson** *St. Vincent* **Pro Staff Original 6.0** (**Pro Staff** ~ **Pete Sampras**)

Complete guide to the Pro Staff Original 6.0: http://www.tennis-warehouse.com/Reviews/60/60Review.html

Origins of the Pro Staff Original:

http://www.tennis-warehouse.com/Reviews/60/ProstaffOrigins.html



Wilson Pro Staff 6.0 85 Midsize reissue / rerelease

The **Pro Staff 6.0 85** is back, exclusively at Tennis Warehouse! The racquet of choice for **Pete Sampras** when he was on tour and also previously used by **Roger Federer** (as well as a host of other former greats), the Pro Staff 6.0 85 is a **legendary player's racquet**. Loaded with superb touch, feel and control, this racquet connects the player to the ball. Stronger players will find power to come from their ability to utilize the mass of the racquet (just think of Sampras' crushing serve as an example). This racquet still enjoys almost **cult status** among 5.0+ level players, although there's no doubt it is not for everyone. However, for the purist player, who possesses solid strokes and is accustomed to a hefty, head light balance and a **midsize head**, the Pro Staff 6.0 is as good as it gets.

Please note this racquet now comes with a **gold BLX butt cap** rather than the **traditional Wilson white and red butt cap**. Racquet does not come with a racquet cover.





3 Wilson Hyper Pro Staff 6.1; since ca. 2001

Wilson Hyper Pro Staff 6.1

Head size: 95 sq. inch

http://www.tennis-warehouse.com/Reviews/H61/H61Review.html

Has it really been 10 years since Wilson introduced the **Pro Staff Classic** (now called the **Pro Staff 6.1**)? What began as one of the first widebody, or aerodynamic player's racquets, turned out to become **one of the most visible and best-selling racquets in history**. Many would claim the **Pro Staff 6.1** is indeed worthy of "Classic" status.

Now Wilson has taken the bold move of discontinuing this Classic and replacing it with a "new and improved" **Hyper Carbon version** - the **Hyper Pro Staff 6.1**. When we first heard this news we thought Wilson was taking a huge risk. Along with the Hammer 6.2, the Pro Staff 6.1 has been Wilson's franchise racquet for many players. It's still one of the most popular racquets on the ATP Tour and among junior tournament players.

Produced using the same mold as the Classic 6.1, the Hyper 6.1 incorporates braided Hyper Carbon with a second braid of Kevlar and Graphite to create their new Double Braid Technology. Weight on the Midplus Standard model has been slightly reduced, as has frame stiffness. New, brighter cosmetics make the Hyper Pro Staff 6.1 more visible. In addition to the Midplus Standard, Wilson offers the Hyper Pro Staff in a Midplus Stretch and Oversize Stretch. We playtested all three models for two weeks and did a comparison of the Hyper Pro Staff 6.1 Standard and Pro Staff Classic 6.1.





Roger Federer: 2002



2002: Roger Federer was still using a Pro Staff 85, but with a 6.1 Hyper Pro Staff paint job.



4 Wilson Pro Staff Tour 90; since ca. 2003

Wilson Pro Staff Tour 90 Head size: 90 sq. inch

Wilson Pro Staff Tour 90



Pro Staff Tour 90 is for serious players with fast, long strokes. The Pro Staff Tour 90 is equipped with Hyper Carbon for the ultimate in power and strength. Double Braid technology gives the TOUR 90 exceptional feel. If you loved the 6.0 original, this stick is for you.

Specifications:

Balance: 9 pts HL

Cross Section: 17 mm Flat Beam

Grip Size: 4 1/4"-4 5/8"

Headsize: 90 Length: 27"

Material: 80% braided Hyper Carbon Graphite, 20%

Kevlar

Series: Hyper Pro Staff

SI: 6.0

String Pattern: 16x19 Swing Style: Fast and Long String Tension: 50-60 lbs Weight: 12.5 oz. strung

my racket since 2004















Roger Federer: 2003 – 2004



Wimbledon 2003 (1st Grand Slam title)



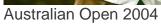


US Open 2003















5 Wilson nSix.One Pro Staff Tour; since ca. 2004

Wilson nSix.One Pro Staff Tour

Head size: 90 sq. inch

http://www.tennis-warehouse.com/REVIEWS/WN61T/WN61TReview.html



 Length
 27 inches
 69 centimeters

 Head Size
 90 square inches
 581 square centimeters

 Weight
 12.4 ounces
 352 grams

Balance 12.375 inches 9pts Head Light
Point 31 centimeters

Construction 17 mm Straight Beam

Composition 10% nCoded Hyper Carbon / 70% nCoded High Modulus Graphite /

20% Kevlar

String Pattern 16 Mains / 19 Crosses

The **nCode** construction process adds material to the frame at the **nano level**. According to Wilson, in an nCoded racquet, **nano-sized silicone crystals** permeate the voids between the **carbon fibers**. Wilson claims that their exclusive **nano technology** creates racquets that are two times stronger, two times more stable and up to 22% more powerful than ordinary racquets.



Wilson nSix.One Pro Staff Tour: Roger Federer signature









Roger Federer: 2004 – 2006







Wimbledon 2004

US Open 2005

US Open 2006





The retired U.S. tennis legend **Pete Sampras** (with **Wilson nSix.One Pro Staff Tour**) defeats current world No.1 Roger Federer 7-6 and 6-4 in the Venetian Macao Tennis Showdown 2007.



Wilson Pro Staff and Six.One tennis rackets with Perimeter Weighting System (PWS)

as from: 29 January 2018

Wilson nSix.One Pro Staff 95

Head size: 95 sq. inch

http://www.tennis-warehouse.com/Reviews/WN6195/WN6195Review.html



my racket since 2008

Length 27 inches 69 centimeters

Head Size 95 square 613 square centimeters

Weight 12.2 ounces 346 grams

Balance 12.25 inches 10pts Head Light Point 31 centimeters

Construction 22 mm straight beam

Composition 10% nCoded Hyper Carbon / 75% nCoded High Modulus Graphite /

15% Kevlar

String Pattern 16 Mains / 18 Crosses



6 Wilson [K]Six.One Tour; since ca. 2007

Wilson [K]Six.One Tour Head size: 90 sq. inch



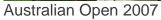
Kopfgröße (cm²):	581
Gewicht unbesaitet (g):	340
Balance (mm):	305
Rahmenprofil min (mm):	17
Rahmenprofil max (mm):	17
Länge (cm):	68,5
Saitenbild:	16 x 19
empf. Besaitungshärte (kp):	23 - 27

With Wilson's **Karophite Black technology** in the entire frame, players will experience more feel with more stability from this racquet. Also, the innovative **[K]ompact Center** is designed to improve maneuverability and handling, making this racquet very enjoyable to play with.



Roger Federer: 2007 – 2009







Wimbledon 2008

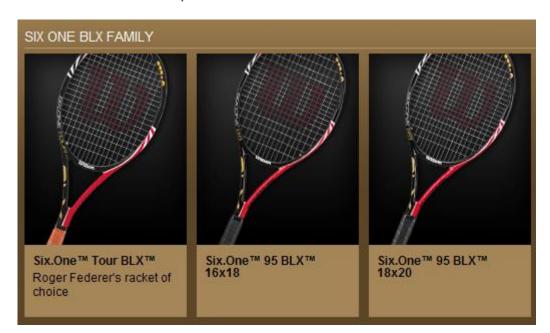


Roland Garros 2009



7 Wilson Six.One Tour / 95 BLX; since ca. 2010

Wilson Six.One Tour / 95 BLX Tour: Head size: 90 sq. inch 95: Head size: 95 sq. inch



The BLX stands for Basalt (BL) and extra technologies (X). The racquets uses fibers from basalt, a volcanic rock, to provide a better feel due to reduced vibration. Basalt is a natural volcanic rock. It can be used in manufacturing where it is made into fine gold fibers with incredible vibration resistance. Wilson's new technology, BLX, has used these basalt fibers and woven them longitudinally with [K]arophite Black to create one of the most advanced composites in the industry. With basalt, a smoother signal reaches the hand. BLX technology delivers clean feedback and better sensation for the perfect feel.



Wilson Six. One Tour BLX



Six.One™ Tour BLX™

The choice of the greatest ever, Roger Federer, the Six One Tour BLX tennis racket features a unique enhanced feel for pinpoint precision.

Headsize: 90"

Strung Weight: 12.5 oz / 355 g

Length: 27"

Unstrung Weight: 12 oz / 339 g Balance: 9 pts. HL String Pattern: 16 x 19

Cross Section: 17 mm Flat Beam Grip Sizes: 4 1/8, 4 1/4, 4 3/8,

4 1/2, 4 5/8

Stock Number: WRT70011U



Ranked #1 in the world, Roger Federer uses the Six.One Tour BLX

Six.One Tour BLX: Roger Federer signature





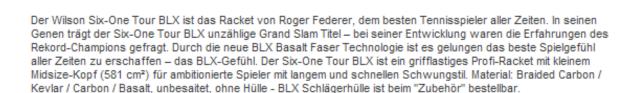
Grip size L2 (4 1/4), Wilson Leder Griffband (Premium Leather Basisgrip brown)





Wilson Six.One Tour BLX

Wilson Six-One Tour BLX Produkt-Nr.: TRWI-041450 Statt 259,95 € 184,90 €* (Sie sparen 28%) * inkl. MwSt. zzgl. Versandkosten Variante wählen > Zum Produktvergleich hinzufügen > Auf den Merkzettel (bitte einloggen) > Produkt weiterempfehlen > Fragen zum Produkt



Griffstärke: L2 (4 1/4)

Produkt wählen	Produ	ktdetails	Zubehör	Bewertungen (4)	Tour-Players
Griffstärke wählen	auf Lager	Preis in €	Staffelpreis in €	pro Stk.	n den Warenkorb
L2 4 1/4	3+	184,90*	ab 2 174,90*	<u>Frei Ha</u> Expres	us Menge: 1 =



Besaitung:

Saite:

Wilson NXT 16 (26 kg längs / 25 kg quer bzw. wie R.F. 21 kg längs / 19,5 kg quer)



Die Wilson NXT als Mini-Rolle- ideal für Hybrid-Besaftungen. Die Wilson NXT ist ein Verbund aus Multi-filament Fasern und Polyurethan. Naturdarm ähnliche Spieleigenschaften, für alle Spielertypen geeignet. Durchmesser: 1,30 mm, Farbe: natur, 38,5 m Mini-Rolle.



Wilson BLX Schlägerhülle:

Wilson BLX Schlägerhülle

Produkt-Nr.: TZWI-000745

9.95 €*





Wilson Pro Overgrip:

WILSON PRO OVERGRIP 3ER



Farbe wählen	auf Lager	Preis in €	Staffelpreis in € pro Stk.
weiß	12+	4,90 * 1,63 € / Grip	ab 5 <mark>4,50*</mark> 1,50 € / Grip

Wilson Six.One Tour BLX: Head size: 90 sq. inch

Griffstärke L2 incl. Wilson BLX Schlägerhülle und Besaitung (NXT 16, 26/25 kg):

my racket since 10/2010



Roger Federer: 2010 – 2011



Australian Open 2010



Roland Garros 2011









8 Wilson Pro Staff Six.One 90 BLX (BLX2); since ca. 2012



Length	27"
Pattern	16x19
Cross Section	17 mm Flat Beam
Grip Sizes	4 1/8, 4 1/4, 4 3/8, 4 1/2, 4 5/8
Balance	9 pts. HL
Head Size	90"
Unstrung Weight	339 g
Strung Weight	355 g



Wilson Pro Staff Six.One 90 BLX: Roger Federer signature





Wilson Pro Staff and Six.One tennis rackets with Perimeter Weighting System (PWS)

as from: 29 January 2018

Roger Federer: 2012 - 2013



Wimbledon 2012







Wimbledon 2013



9 Wilson Pro Staff 90/95, Six.One 95; since 2014





The **Pro Staff** is the essence of classic control. This tennis racket has an unmatched history of winning Grand Slams. Now available in a variety of specs to fit a wider range of players.



The **Six.One** family is one of the most widely used on the professional tour. This tennis racket packs great control and stability with enough pop to smash stunning winners from anywhere on the court.





Pro Staff 90

The Pro Staff 90 is a **legendary control frame**, steeped in history, tradition, and Grand Slams. This racket features a return to a **braided Graphite + Kevlar** construction to provide exceptional performance. **Amplifeel technology** eliminates unwanted vibrations. The Pro Staff 90 is ideal for advanced players who demand ultimate control and precision.





Pro Staff 95

The new Pro Staff 95 features **Amplifeel** for maximum sensation and a return to **braided Graphite + Kevlar** for pure feel. The Pro Staff 95 is ideal for players looking for precision and accuracy to control the court.





Six.One 95 (String Pattern: 16 x 18, 18 x 20)

The Six.One 95 features a larger sweet spot and livelier string bed from the addition of **Wilson's new Parallel Drilling** system. The **Amplifeel** handle produces a clean feel to maximize sensation. With its classic performance and versatility, the Six.One 95 fits a wide range of playing styles.



String Pattern:

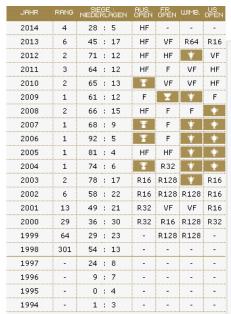
16 Mains x 18 Crosses

18 Mains x 20 Crosses



Roger Federer: 2014

In 2013 RF announced he would be playing a brand-new Wilson prototype racquet with a head size of 98 square inches.







Australian Open 2014



French Open 2014





Wimbledon 2014



US Open 2014



10 The rackets of Roger Federer

The Many Racquets of Roger Federer

http://www.perfect-tennis.co.uk/the-many-racquets-of-roger-federer/

Posted by: Jonathan, February 10, 2013 in Roger Federer, Tennis Equipment

Inspired by a recent comment from a reader I thought I'd look into the various models of racquet Roger Federer has used since he went pro way back in 1998.

Of course this is all open to interpretation, as there's various opinions on whether or not Roger uses the racquet that is sold via the various tennis retailers. Some people believe that Roger just uses his own custom version based on the Pro Staff 85 that's just sprayed up to look like the latest model.

Personally I'm not sure, it's hard to judge when I've not have the pleasure of owning one of his played with racquets (feel free to send me one Roger) but I'd imagine there are some subtle differences compared to the retail version – the weight, handle thickness, balance, swingweight, lead tape etc will all be specific to his game. But I do believe Roger will take advantage of the latest technologies in his racket composition to both help with control, feel and power.

In terms of hard fact we know that he's used a Wilson all his career, played the majority of it with a 90 square inch racquet head and used a 16 x 19 string pattern with Natural gut on his main strings, Luxilon Big Banger Alu Power Rough on his crosses with some string savers which add durability. Prior to that he used an 85 square inch racquet that used Babolat all natural gut strings on both crosses and mains.

So let's take a look at the different models that Roger has used and Wilson have marketed as his weapon of choice since the start of his career:



10.1 Pro Staff 85 6.0 Mid-Production Chinese



Years Used: 1998 - 2001

This is the racquet that Federer was using when he first came onto the scene and is the one he used to beat Sampras at Wimbledon way back in 2001. Ironically it's the same racquet used by Sampras himself so he was dismantled by his own weapon of choice that day.





Unlike all Roger's later racquets which are all 90sq" this one is an **85 square inch head**, which by today's standards is almost miniscule. Can you imagine Nadal playing on clay with something like this?

Roger used this racquet between 1998 and 2001 in which he featured in the main draw of 10 Grand Slams. It was also the racquet he was using when he hit the first major turning point of his career in Hamburg against Franco Squillari. Roger smashed his racquet up badly that day after losing in the first round but decided from there on in he had to control his behaviour as it was costing him matches.

Pro Staff 85 6.0 Specification

Head Size: 85 square inches / 548.39 square centimeters

• Length: 27 inches / 68.58 centimeters

Strung Weight: 12.5 oz / 354.37 grams

• Balance: 10 pts HL

Swingweight: 321

• Stiffness: 62

Beam Width: 17 mm / 17 mm / 17 mm

Composition: 80% Braided Graphite 20% Kevlar

String Pattern: 16 Mains x 18 Crosses



10.2 Hyper Pro Staff 6.1 Silver W



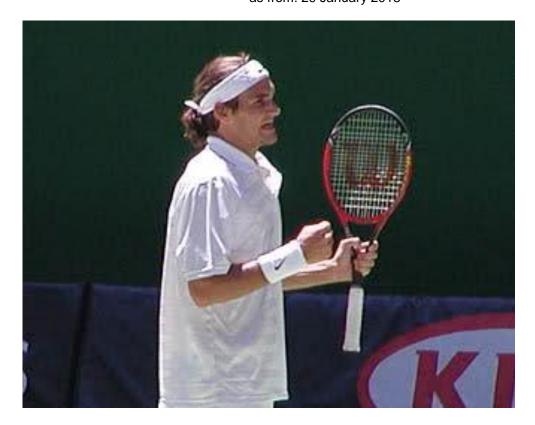
Years Used: 2002 up until the French Open 2002

This was the racket of choice for Roger at the start of the 2002 season, but it was merely a **paint job over his Pro Staff 85**.

The specifications state it was a 95 square inch head, but as we know **Roger has never used above a 90 sq inch head**. To jump from an 85" to a 95" is unlikely anyway.

As far as I'm aware Roger only used this racket at one Grand Slam which was the Australian Open in 2002, he then **changed to a 90 square inch racket** after the early American Hard Court tournaments of Miami which was called the NASDAQ-100 Open back then.





Hyper Pro Staff 6.1 Silver W Specification

• Headsize: 95 square inches / 613 square centimeters

• Length: 27 inches / 68.6 centimeters

Weight (unstrung): 11.7 oz / 332 grams

Weight (strung): 12.2 oz / 347 grams

Swingweight (strung): 325

• Beam width: 22 mm

Composition: Hyper Carbon / Kevlar / Graphite

• String Pattern: 16 Mains x 18 Crosses



10.3 Hyper Pro Staff 6.0 Yellow W



Years Used: French Open 2002 until start of 2003 season

At the French Open 2002 he used the used the Hyper Pro Staff 6.0 Yellow W, which was the first time he had used a 90 square inch frame. This racquet was painted up again to look like the 95 square inch model but of course it wasn't.

After that Roger used the Hyper Pro Staff 6.0 from Wimbledon 2002 up until the start of the 2003 season.



I can't find the specification on this model as it was a complete **custom 90 sq"** racquet sprayed up to look like the Hyper Pro Staff 6.0 model which was actually a 95 square inch model.



10.4 Pro Staff Tour 90

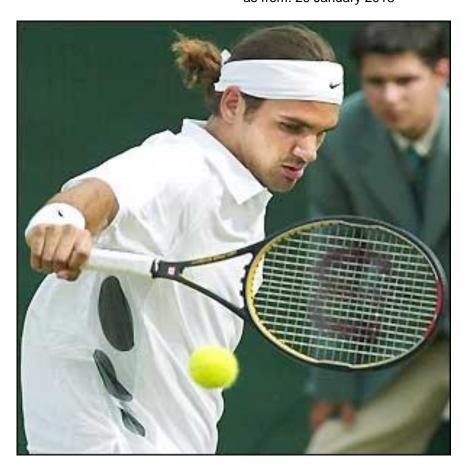


Years Used: 2003 - 2004

This was the racquet Roger used when he won his first Grand Slam title in 2003 at Wimbledon when he defeated Mark Philippoussis in straight sets.

It was used in 4 Grand Slams in total right up until the French Open of 2004 where he switched to use then newly released nCode.





Pro Staff Tour 90 Specification

Length: 27 inches / 69 centimeters

Head Size: 90 square inches

• Weight: 12.7 ounces / 360 grams

• Balance Point: 12.375 inches

Composition: 80% Graphite / 20% Kevlar

String Pattern: 16 Mains x 19 Crosses



10.5 Wilson nSix.One Tour 90



Years Used: 2004 - 2006

The **red and white paint job** on all Federer racquets **started with the nSix.One Tour racquet** which was part of the nCode range they brought out.

Roger used this to defend his title at Wimbledon using it in a total of 11 Grand Slams between 2004-2006, some of **his best years on tour**.





Wilson nSix.One Tour 90 Specification

Length: 27 inches / 69 centimeters

Head Size: 90 square inches

Weight: 12.4 ounces / 352 grams

• Balance Point: 12.375 inches

• Construction: 17 mm Straight Beam

 Composition: 10% nCoded Hyper Carbon / 70% nCoded High Modulus Graphite / 20% Kevlar

• String Pattern: 16 Mains x 19 Crosses



10.6 Wilson K Factor Six.One Tour 90



Years Used: 2007 - 2009

The legendary racquet that won Roger the French Open in 2009 and then a marathon Wimbledon final against Andy Roddick a month later. Also the racquet that I use, so you know it's good 5

I personally love this racquet, in terms of the paint job and just the way it plays. It's the only Federer racquet I've used myself so can't compare it to the previous ones listed above but in terms of design it's my out and out favourite.





Wilson K Factor Six.One Tour 90 Specification

Length: 27 inches / 69 centimeters

Head Size: 90 square inches

Weight: 12.5 ounces / 354 grams

• Balance Point: 12.375 inches

9 pts Head Light

• Construction: 18 mm Straight Beam

Composition: nCoded High Modulus Graphite / Carbon Black

• String Pattern: 16 Mains x 19 Crosses



10.7 Wilson Six.One Tour BLX

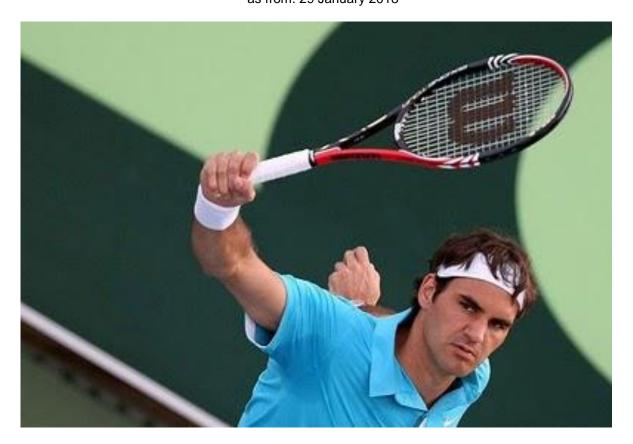


Years Used: 2010 - 2011

I was never a fan of the design of this racquet and that was justified as in terms of slam victories this it performed the worst out of them all as **Roger only managed to win the Australian Open in 2010 with the BLX**.

It featured in 8 Grand slams from Australia 2010 up until the 2011 US Open, so basically this was the stick that in Federer's hands when he lost both matches against Djokovic in New York despite having match points! *I personally think every one of them that was ever made should be rounded up and burned.*





Wilson Six.One Tour BLX Specification

Length: 27 inches / 69 centimeters

• Head Size: 90 square inches / 581 square centimeters

• Weight: 12.5 ounces / 354 grams

Balance Point: 12.375 inches

• 9 pts Head Light

Construction: 17.5 mm Straight Beam

Composition: Karophite Black / Basalt

String Pattern: 16 Mains x 19 Crosses



Wilson Pro Staff and Six.One tennis rackets with Perimeter Weighting System (PWS)

as from: 29 January 2018

10.8 Wilson BLX Pro Staff Six.One 90 (BLX2)



Years Used: 2012 - 2013

The racquet that took down the **Wimbledon 2012 trophy for Roger** and the latest in the Wilson Federer range. Looks quite a lot similar to the K Factor and when the time comes to upgrade mine this will probably be my choice.





Wilson BLX Pro Staff Six.One 90 (BLX2) Specification

Length: 27 inches / 69 centimeters

• Head Size: 90 square inches / 581 square centimeters

• Weight: 12.6 ounces / 357 grams

Balance Point: 12.5 inches

• 32 centimeters 8 pts Head Light

Construction: 17.5 mm Straight Beam

Composition: Karophite Black / Basalt

String Pattern: 16 Mains x 19 Crosses



10.9 Wilson Prototype 98 Square Inch

Years Used: end of 2013

The big change to Roger's racquet came after his shock second round loss to Stakhovsky at Wimbledon in 2013. Roger added both Hamburg and Gstaad to his schedule and then announced he would be playing with a **brand-new racquet**.

Little is known about the racquet currently other than it has a **head size of 98 square inches** and is a **prototype**, Wilson have been working on for some time. Obviously, the big change is the head size which is 8 square inches bigger allowing Roger to have a bigger sweet spot, more power and margin for error but at the same time less control and feel.



Wilson Prototype 98 sq" Specification

Head Size: 98 square inches

Weight: Unknown

Balance Point: Unknown

Construction: Unknown

Composition: Unknown

• String Pattern: 16 Mains x 19 Crosses



10.10 Wilson Pro Staff RF97 Autograph



Years Used: 2014 - 2016

The Wilson Prototype 98 Square Inch racquet was sent back to Wilson for some testing, a few iterations later and Roger took to the court with it in Brisbane, January 2014. There's been some tweaks along the way but the RF97 has been the racquet of choice from 2014 onwards.





Wilson Pro Staff RF97 Autograph Specification

• Length: 27 inches / 68.58 centimeters

• Head Size: 97 square inches / 626 square centimeters

• Weight: 12.0 ounces / 340 grams

Balance: 30.5 centimeters / 12pts Head Light

Construction: 21.5mm Flat Beam

String Pattern: 16 Mains / 19 Crosses



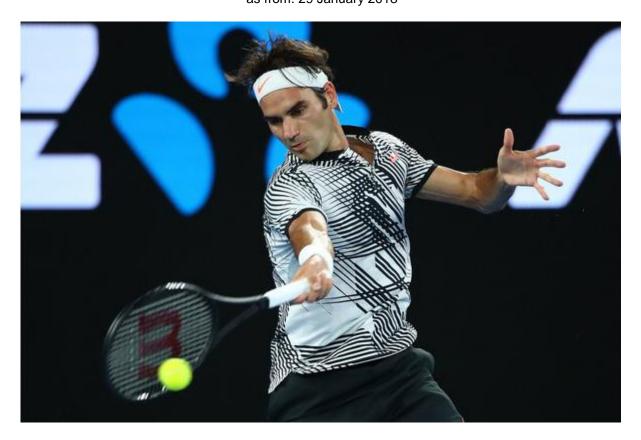
10.11 Wilson Pro Staff RF97 Autograph 2017 Model



Years Used: since 2017

This is the latest iteration of the **Wilson Pro Staff RF 97 Autograph**. It's the racquet specially made for Roger Federer and this 2017 update is purely cosmetic. It has the exact same specs as the **original RF97** model but now packs a **black matte finish** and a **small silhouette of Federer and laser engraved graphics**. It also has a **new textured feel** as per Federer's request. You get the usual braided graphite layup, headlight balance, thin beam and leather grip.





Wilson Pro Staff RF97 Autograph 2017 Model Specification

• Length: 27 inches / 68.58 centimeters

Head Size: 97 square inches / 626 square centimeters

Weight: 12.0 ounces / 340 grams

Balance: 30.5 centimeters / 12pts Head Light

Construction: 21.5mm Flat Beam

String Pattern: 16 Mains / 19 Crosses

So as you can see, Roger's racquet specification / set up hadn't really changed over the years up until 2013 when he made a **big change to a 98 square inch racquet** head size, I'm sure he has experimented with different grips, weights, lead tape and what not but the **90 square inch head with a 19 x 16 string pattern** had been ever present until he decided he needed to change his equipment to try and compete with Murray, Djokovic and Nadal.



10.12 Summary

Quick Recap of the **racquets used by Federer** since the start of his career:

#	Racquets used by Roger Federer:	Years Used:	Figure:
1	Pro Staff 85 6.0 Mid-Production Chinese	1998 - 2001	N s y s
2	Hyper Pro Staff 6.1 Silver W	2002 up until the French Open 2002	
3	Hyper Pro Staff 6.0 Yellow W	French Open 2002 until start of 2003 season	
4	Pro Staff Tour 90	2003 - 2004	
5	N90: nSix.One Pro Staff Tour 90	2004 - 2006	
6	K90: K Factor Six.One Tour 90 [K]Six.One Tour 90	2007 - 2009	
7	BLX90: Six.One Tour BLX	2010 - 2011	
8	BLX Pro Staff Six.One 90: Pro Staff Six.One 90 BLX (BLX2)	2012 - 2013	
9	Wilson Prototype 98 sq"	end of 2013	
10	Wilson Pro Staff RF97 Autograph	2014 - 2016	



Wilson Pro Staff RF97
11 Autograph - 2017 Model,
"all-black-Look"
since 2017



How close **Roger's own racquet** he uses in tournaments actually is to the **version we can all buy in the shop** is hard to assess. There's a few threads on Tennis Warehouse with a guy who's bought Federer racquets in charity auctions who claims they are **near identical**, whilst others have read they are **quite different**. *Until I hold them side by side I guess I won't know*.



11 Roger Federer's new racket since 2014

Neue Zürcher Zeitung (NZZ), Samstag, 18. Januar 2014 Daniel Germann, Melbourne: **Roger Federers neues Racket Wertvolles Gepäck**

http://www.nzz.ch/aktuell/sport/tennis/wertvolles-gepaeck-1.18223739

Der Wechsel auf ein größeres Racket war keine Panik-Aktion, sondern von Roger Federer lange geplant. Und doch zeigt sich, dass der Basler etwas ändern will.

Roger Federer ritzte im Zweitrundenspiel gegen Blaz Kavcic zuweilen die Grenzen. Der 32-jährige Basler schlug dem Slowenen die Bälle zwei Sätze lang um die Ohren, dass man beinahe Mitleid bekam. Offensichtlich wollte Federer wissen, was möglich ist. Denn seit dem Beginn der Saison spielt er mit einem **neuen**, **größeren Racket**. Nach seinem ersten Spiel in Melbourne hatte er schon gesagt, er habe sich an das neue Arbeitsgerät gewöhnt. Er spüre keinen Unterschied mehr zum alten Modell.

Racket und Schuhe

Und doch ist ein neuer Schläger ein tiefer Eingriff ins Wirken eines Tennisspielers. Oder um es mit Federers Worten zu sagen: «Das Racket und die Schuhe sind die wichtigsten Utensilien.» Federer hatte seinem Ausrüster Wilson vor mehr als einem Jahr den Auftrag gegeben, für ihn ein neues Racket zu entwickeln. Ein Spezialisten-Team flog mit ein paar Prototypen extra nach Zürich. Federer probierte sie aus, gab den Technikern sein Feedback, die gingen in ihr Hotelzimmer, passten das Racket an, und Federer testete weiter.

So entstand jener Schläger, mit dem der Basler im vergangenen Sommer in Hamburg und Gstaad antrat. Weil ihn damals auch noch Rückenprobleme plagten, brach er den Versuch aber ab und spielte den Rest des Jahres mit dem alten Racket. Erst in der Vorbereitung auf die neue Saison nahm er die Tests wieder auf. Entstanden ist dabei ein Prototyp, den Wilson in sechsfacher Ausführung anfertigte und der erst etwa in drei Monaten Produktionsreife erlangen soll. Bisher fehlte die Zeit, dem neuen Racket ein Design zu geben. Federers Manager Tony Godsick nahm die Schläger von den USA mit nach Australien. Die Unikate sind so wertvoll, dass Godsick sie nicht aufgab, sondern sie im Flugzeug als Handgepäck auf einem freien Sitz neben sich nach Australien transportierte.

Der augenfälligste Unterschied zu Federers altem Schläger ist die Fläche: Sie erhöhte sich von 90 Square-Inches auf 98 Square-Inches, was 632 Quadratzentimetern entspricht. Das vergrößert den Sweetspot, den Bereich, in dem Beschleunigung und Präzision optimal sind. Mit einer ähnlichen Schlägerfläche spielen auch Rafael Nadal und Novak Djokovic. Federer verspricht sich davon Vorteile beim Aufschlag und mehr Druck in langen Ballwechseln.



Entscheidend ist aber auch die **Gewichtsverteilung**. Sie ist ein komplizierter technischer Prozess. Federer **kennt die genauen Spezifikationen ebenso wenig** wie sein Coach Severin Lüthi. Lüthi sagt: «Wir haben die Eindrücke an die Wilson-Leute weitergegeben. Daraus entwickelten die Techniker **ein Schlägerprofil und eine Bespannung, die auf Roger ausgerichtet ist.**»

Andre Agassis Spleen

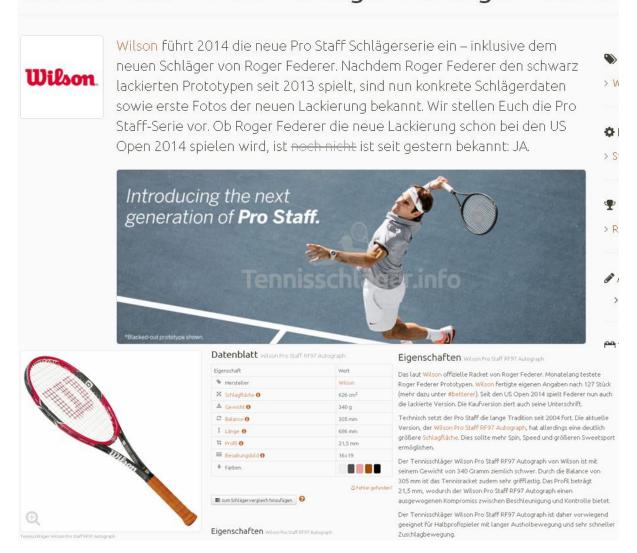
Der Wechsel des Rackets ist der radikalste Eingriff in der Karriere eines Spielers. Stanislas Wawrinka brauchte nach seinem Wechsel von Head zu Yonex zwei Monate, ehe er sich an den neuen Schläger gewöhnt hatte. **Pete Sampras** wagte den Schritt nie, obwohl er möglicherweise seine Karriere damit verlängert hätte. Und **Andre Agassi** entwickelte die Eigenheit, gebrauchte Schläger von Konkurrenten aufzukaufen, um danach mit ihnen zu trainieren und zu erfühlen, welche Vor- oder Nachteile die Gegner hatten. Die Schläger sind eines der letzten großen Geheimnisse im Tenniszirkus. Sie sind wertvolles Gepäck.



12 Wilson Pro Staff RF97 Autograph since 2014

http://www.tennisschlaeger.info/news/wilson-neue-pro-staff-schlaeger-von-roger-federer/

Wilson: neue Pro Staff Schläger von Roger Federer





Der neue Schläger von Roger Federer

Oben drauf kommt beim Pro Staff der Schläger von Roger Federer: "Wilson Pro Staff RF97 Autograph". Nach offiziellen Angaben Roger Federers persönlicher Schläger inkl. Unterschrift auf dem Rahmen.



Der neue Lackierung des Schlägers von Roger Federer





released by Wilson in 2016 Wilson Pro Staff RF 97 Autograph (2017 Model, "all-black-Look")

http://www.wilson.com/en-us/tennis/rackets/attacker/pro-staff-rf97-autograph

Als Roger Federer auf Wilson für ein Update seines legendären Schlägers zuging, wusste er eine Sache ganz sicher: Die Spezifikationen dieses Schlägers sind bereits perfekt. Also einigten Roger und Wilson sich darauf, am Aussehen zu arbeiten und dem **Pro Staff RF97 Autograph** einen **all-black-Look** zu verpassen. Eine spezielle, mattschwarze Farbe sowie per Laser gravierte Grafiken verleihen diesem Schläger sein stylisches Hochglanz-Aussehen, während mit der Oberschicht aus Graphit und Kevlar, dem leichten Schlägerkopf und dem **Perimeter Weighting System** nach wie vor die Kernelemente des **originalen RF97 Autograph** erhalten bleiben.



Co-designed by Roger Federer, the **Pro Staff RF97 Autograph** delivers the pure, classic feel players have come to love but with an all-new uncontaminated design. meticulous in detail and bold in its beauty, the new Pro Staff introduces a whole new dimension of engineered paint finishes and textures with matte black velvet, chrome touches, and laser engraving never before seen in tennis.









Roger's heart and soul lives in the new **Pro Staff RF97**. Roger worked tirelessly with Wilson designers across the globe to breathe new life into the **iconic Pro Staff**. Every detail was pored over to create a racket that provides an edge for players bold enough to pick one up and inspires players everywhere to go further than they've ever gone before.

Product SKU(s)	WRT73141U1, WRT73141U2, WRT73141U3, WRT73141U4, WRT73141U5	
Cross Section	21.5MM Flat Beam	
Head Size	97 sq. in.	
String Pattern	16x19	
Unstrung Balance	30.5CM/12 Pts HL	
Unstrung Weight	340	
Length	27.0000	
Series	Pro Staff	





Australian Open 2017

Wimbledon 2017







Roger Federer became the first man to win 20 grand slam titles