

 **VICTOR**

Squash

WORKBOOK
2024/25



IP SERIES



USED BY RAPHAEL KANDRA

ATTACK
CONTROL

IP RK Art. No. 202132

Colour	Black/Gold
Head shape	Teardrop
Head size	487 cm ²
Weight	Abt. 130 g
Balance	Abt. 355 mm
Max. stringing tension	12 kg 14 x 18 pattern
String	▲ SuperNick ZX Orange
Extra	Concave, Engineered in Germany
Material	100% Hi Modulus Graphite



ATTACK
SPEED

IP 8 N Art. No. 201399

Colour	Wine Red/White
Head shape	Teardrop
Head size	487 cm ²
Weight	Abt. 130 g
Balance	Abt. 355 mm
Max. stringing tension	12 kg 14 x 18 pattern
String	▲ SuperNick XL Micro Yellow
Extra	Concave, Engineered in Germany
Material	100% Hi Modulus Graphite



DEFENCE
CONTROL

IP 7 Art. No. 115830

Colour	Yellow/Black
Head shape	Heart
Head size	560 cm ²
Weight	Abt. 130 g
Balance	Abt. 355 mm
Max. stringing tension	12 kg 16 x 19 pattern
String	▲ SuperNick XL Micro Yellow
Extra	Concave, Engineered in Germany
Material	100% Hi Modulus Graphite



ALLROUND
LIGHT

IP 3L N Art. No. 201400

Colour	Orange/White
Head shape	Teardrop
Head size	492 cm ²
Weight	Abt. 120 g
Balance	Abt. 365 mm
Max. stringing tension	12 kg 14 x 18 pattern
String	▲ SuperNick XL Micro Yellow
Extra	Lightframe, Engineered in Germany
Material	100% Hi Modulus Graphite

MP SERIES



MP 160 Art. No. 116760

Colour	Blue
Head shape	Teardrop
Head size	500 cm ²
Weight	Abt. 130 g
Balance	Abt. 360 mm
Max. stringing tension	12 kg I 14x18 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Ultra Hi Modulus Graphite



MP 140 RW Art. No. 116760

Colour	Red
Head shape	Teardrop
Head size	503 cm ²
Weight	Abt. 140 g
Balance	Abt. 380 mm
Max. stringing tension	12 kg I 12x18 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Ultra Hi Modulus Graphite



MP 120 Art. No. 116720

Colour	White
Head shape	Teardrop
Head size	503 cm ²
Weight	Abt. 140 g
Balance	Abt. 370 mm
Max. stringing tension	12 kg I 12x18 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Ultra Hi Modulus Graphite

JET SERIES



CENTER JET Art. No. 116512

Colour	Yellow
Head shape	Heart
Weight	Abt. 180 g
Balance	Abt. 340 mm
Max. stringing tension	10 kg 14x20 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Fused Graphite + Aluminium



BLUE JET Art. No. 116511

Colour	Blue
Head shape	Heart
Weight	Abt. 185 g
Balance	Abt. 340 mm
Max. stringing tension	10 kg 14x19 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Carbon + Aluminium



RED JET Art. No. 116510

Colour	Red
Head shape	Heart
Weight	Abt. 190 g
Balance	Abt. 330 mm
Max. stringing tension	10 kg 14x19 pattern
String	Multifilament string
Extra	Engineered in Germany
Material	Aluminium



The VICTOR squash ball enjoys a consistently high quality around the world. This is confirmed by the official WSF Certificate (World Squash Federation). Since 2014 our VICTOR squash ball double yellow has been used as a game ball in Austria and in Germany from Juli 2014 to June 2020. In 2017 the portfolio was complemented with a green squash ball for useage in regional higher altitudes and a white ball for glass courts. The other speeds (blue, red and yellow) are available in equal measure.



SQUASHBALLS



SQUASHBALL, SINGLE

● Art. No. 116920, ● Art. No. 116950

● Art. No. 116980

●● Art. No. 116970



SQUASHBALL, PACK OF TWO

● Art. No. 117020, ● Art. No. 117050

● Art. No. 117080

●● Art. No. 117070



SQUASHBALL, PACK OF 36

● Art. No. 116820, ● Art. No. 116850

● Art. No. 116880

●● Art. No. 116870



SQUASHGOOGLES

Art. No. 175200

Scratchless, non-fogging lenses. Rubber earpieces, elastic head strap. Protective bag in hard case



BUMPER

IP 3N Art. No. 115901

IP 8N Art. No. 115904

IP RK Art. No. 115904

IP 7 Art. No. 115903

Suitable bumper for all IP-rackets to protect your racket.



Technologies

WORKBOOK
2024/25

RACKET TECHNOLOGIES AND MATERIALS



Integrates R.T.C with high resilient modulus graphite material to enable swift and all-around rebound performance, redefining what a speed racket could be.



The box-shaped design effectively increases the stability and anti-torque, and can stand higher string tensions.



AERO-HEX

Using aerodynamics technology to transform traditional hexagonal frame with better airflow-directing and air-cutting performance, further achieving incredible stability and the smoothness of swings.

ULTRA-THIN FRAME

The Ultra Thin Frame is up to 7% thinner than traditional rackets to improve the swinging speed while maintaining the stiffness and anti-torsion.

NEW ULTRALIGHT FRAME

The light weight frame structure designed exclusively for 6U rackets enhances the strength and reduces the weight of the frame simultaneously.



Three different frame structures are rearranged and integrated to optimize the hitting, frame characteristics and overall performance.



The smaller angle of twist in the shaft material is the key to an optimal power transmission and anti-torsion performance.



The elliptically-shaped section can decrease air resistance, provide higher anti-torque, maximize control and vastly increase the speed of a returning hit.



The recovery performance enhanced by high modulus material unleashes the shaft's elasticity potential and creates fast rebound.



This diamond-shaped design cuts through the air like a sword. It significantly reduces air resistance and provides a faster swing speed.

DYNAMIC-SWORD

DYNAMIC-SWORD features an inward-cutting frame structure in the 6/12 o'clock direction, and an outward-cutting frame structure in the 3/9 o'clock direction, which is designed to imitate the aerodynamics of a sword blade cutting through the air, making each swing swift and sharp.



R.T.C. technology, based on scientifically-designed structure and data analysis, introduces "reflection point" to the frame's key spots to maximise the "rebound" performance, effectively improving both the quality and speed of each swing.



The Whipping Enhancement System incorporates a softer material in a specific part of the shaft near the throat, enhancing racket-head acceleration in a "whipping" style which helps to create steeper and quicker attacks with satisfying control.



The innovative carbon fiber layering design has improved the antitorsion performance, further making the racket flex faster with better force transmission. As a redefinition of „whipping effect“, WES 2.0 allows the players to drive the shuttle at a sharp downward angle when attacking.



Brand new shaft layering design with more directly force transmission, a steeper downward angle, and advanced whipping effect.

RACKET TECHNOLOGIES AND MATERIALS



Inspired by Helicopter rotor blade technology – the multilayered structure made of carbon fibre and composites, minimises material size and reinforces handling feel and performance.



The technology seamlessly integrates the shaft with FREE CORE, elevating the elasticity to another level and bringing out the full potential of the racket.



The integrated force of the shaft and FREECORE creates a sturdy handling and phenomenal elasticity.



CATAPULT STRUCTURE stores power and releases at smashing for maximum effect .



Based on multilayered carbon fibre, the advanced Fibre Reinforced System (FRS) not only improves elasticity, but also offers stable controllability with high tension string.



The NANO TEC technology works by evenly distributing nano-sized particles in the vacant space between carbon fibre bundles; this increases the overall stiffness of the carbon composite fibres and reduces the distortion of the frame.



The compound frame design can be divided into three major parts: The upper section is made with a fan-shaped structure to lower wind resistance and accelerate each swing. The Compound-Sword structure in the middle section is designed to lighten the filler and enable fast rebound. Finally, the lower section is built in aerofoil structure to lower wind resistance and keep excellent anti-torsion performance in a "whipping" style which helps to create steeper and quicker attacks with satisfying control.



The introduction of METALLIC CARBON FIBER (metal + carbon fiber) into the rackets. This ensures a unique and elastic feeling, guaranteeing an unparalleled hitting experience.



METALLIC CARBON SHAFT (metal + carbon fiber) helps to boost the speed of shots and the power of smashes, allowing for sharp and accurate maneuverability.



Designed by computer simulation and aided with the adoption of injection moulding technique, this revolutionized handle style allows the shaft to move more freely, which can not only make swings smoother but also improve overall handling experience.



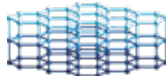
Built on the strengths of the NANO FORTIFY TR, the NANO FORTIFY TR+ is engineered with an advanced, more durable carbon-fiber that is firm but offers pleasing resilience and feeling.



A breakthrough from traditional hexagonal frame—different types of frame structures are integrated into the upper, middle, and lower parts of the frame based on the racket setting to optimize stability and swing smoothness.

PYROFIL

PYROFIL carbon fibre is advanced high-performance and ultra light material from Japan. It offers excellent shock absorption and enhances handling in every single game.



Introducing highly resilient and durable glass fiber into the multilayered design of the frame to provide better elasticity and comfort while hitting.

TECHNOLOGIES SHOES

NitroLite

The groundbreaking lightweight midsole is made with high performance EVA by means of an innovative nitrogen-impregnating foaming process, providing excellent durability and rebound performance.

HYPEREVA

VICTOR HYPEREVA is the latest developed midsole technology that focuses on resilience and cushioning. It's well known for incredible softness, shock-absorption, rebound performance, and how it makes the shoes both durable and lightweight. Badminton shoes built with HYPEREVA can achieve better lightweightness, elasticity, and stability than before.

DIGITWIRE

DIGITWIRE uses digital programming to create three-dimensional uppers by layering extra strong threads of difference thickness with intricate embroidery craftsmanship. DIGITWIRE upper offers breathability, strength, durability and a snug fit.

ENERGYMAX

The shock absorbing ENERGYMAX system is well known for providing comfortable support during fast movements and directional changes.

ENERGYMAX3.0

The new generation of highly elastic material, increases rebound ability and strengthens shock absorption.

V-Tough

The inner surface of the toe is made of super wear-resistant material which greatly improves the durability and resilience of the shoe.



ENERGYMAX V

Improves the shock absorption on the heels when striding forward. Strengthens the rebound ability of the heels during speedy defense. The shock absorbability is increased by 27%, and the bounce power is raised by 30%.



EVA Feather Resilient

EVA Feather Resilient not only preserves excellent elasticity, but also improves the lightweightness by 20% compared to traditional midsole, helping relieve leg muscle strain and making swift movement easier and faster.



Breathing

A unique breathing mesh layer on the side of the shoe is used to increase ventilation creating a more comfortable environment for the feet.



Resilient EVA

Highly resilient midsole material is more durable and retains its shape better. It not only provides basic stability and shock absorption, but also increases flexibility and the reaction time while changing direction.



Light Resilient EVA

New, highly resilient and durable midsole. It improves the life-span of shoes, reduces weight, increases flexibility and lowers muscle burden during intensive exercises, which allows one to make agile movements quickly.

LS-S

The outside of the forefoot is designed using high-strength TPU. This significantly enhances the lateral stability during intense and rapid transfer of direction.



NEO DUPLEX

Joint-friendly combination of ENERGYMAX 3.0 on top and light resilient EVA sole beneath by the special biomechanical layout of these cushioning layers.

JACQUARD EM

The three-layered structure enables the Jacquard EM to deliver flexible durability, perfect fit, and incredible breathability. The upper layer is soft and low stretchable MONO mesh; the bottom layer is soft, light, and breathable mesh. The upper and bottom layers are joined perfectly by the PUR gluing technique on the middle layer to achieve great softness and breathability.

VSR ANTI-SLIP

With this upgraded outsole rubber, slip-resistant performance increases on dry PU floor.

