



ENGLISH



**BECAUSE YOU RIDE
EVERYWHERE.**

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SWISS QUALITY

This past spring “World of MTB” magazine from Germany visited the SwissStop factory in Mendrisio. Here are some of their impressions.

Research and development

In the laboratory we are greeted by Bernardo Moltrasio (34), responsible for R&D at SwissStop, and his assistant Frederica (29). Bernardo’s work is what lies behind current new developments, along with production and company organisation; he’s also the master of the test rigs. The first brake type is clamped onto the rig and goes through its test cycle. Under pressure that reflects that found on a bike, stopping distance, braking effectiveness and the temperature increase from friction against the rotor are ascertained and documented. We talk about the various compounds and criteria that define the perfect brake-pad. Salary costs in Switzerland are so high that – in the context of the 4-5 times cheaper production in the Far East – the cost of raw materials

is relatively insignificant, which means that SwissStop can use the very best there is. Thus the highest-quality materials are selected, for their capacity to enhance braking characteristics down to the finest detail. For example, for the new road-racing brake-pads this is a combination of exceptionally heat-tolerant aramid fibres, copper, along with dehydrated resin derived from natural sources that is used as an adhesion agent, functional fillers, and abrasive elements whose composition and ratio is a closely-guarded company secret. The production of brake-pads reveals itself to be a surprisingly complex process, that I, in our world of highly-automated production, would have imagined as being much simpler.



The manufacturing process

Christian Heule (43) leads us through the manufacturing facility. We enter a large room that feels more like a laboratory than a production site. In the first stage of the manufacturing process, the raw materials are weighed out by hand and combined in a specific ratio. Yes, you read that correctly! Because the materials do not flow easily, it is not (yet) possible to do this by machine. Next, the pads are prepared in a pre-press machine, ready to be bonded to the carrier plate in the next stage. They are taken out of the press, again by hand, and placed in a second, immense hydraulic press. Meanwhile, the carrier plates have been cleaned of dirt and oil residue in a kind of sand-filled washing machine, and had a heat-resistant glue applied. At high temperature, and at a pressure of around 120 atmospheres, the marriage between pad and carrier plate is consummated. Now looking something like the finished product, they are removed and brought to the next production hall. In the finishing area the air is heavy with the smell of rubber and oil. We go past the rubber production area’s ‘kitchen’. SwissStop’s and parent company REX’s production work is carried out side-by-side. Right next to the screamingly bright Yellow King brake-pads, rubber seals and enormous sound-

absorbing rubber roadways for railway level-crossings are being produced. The disc brake-pads are also processed here. Iwan, the production manager, takes us on to the next stage of manufacturing. A grinding-machine is used to bring them to the precise dimensions required and also to add a chamfer to facilitate mounting. In a neighbouring area, the backs of the carrier plates are painted according to their type’s colour. Finally, stickers are attached and the pads are put into SwissStop’s distinctive packaging. Aware of their responsibility to the local community, REX and SwissStop have most of their packing work done in two nearby sheltered workshops that support disabled people in employment.

Meanwhile, all the braking systems have been through the laboratory tests, and we see once again how much different systems vary in terms of results. The nature of the compounds of the pads used has a striking effect on the results. SwissStop pads were not being tested today, but having viewed their development and production facilities we are very much looking forward to trying out the company’s new road-racing disc brake-pads.



BECAUSE YOU RIDE EVERYWHERE.

ATHLETES AND TEAMS

SwissStop supports individual athletes and teams around the world including:
 Trek-Segafredo
 BORA-hansgrohe
 Quick-Step Floors
 Scott Development MTB Team
 Marlux-Bingoal

OEM PARTNERS AND COMPATIBLE PRODUCTS

SwissStop is proud to work with many of the finest companies in the bicycle industry.

Wheelbuilders - Black Prince OEM partners and approved products

3T	Easton	Full Tech	Ursus
AX-Lightness	EAS	Pro-Lite	Unaas
BLKTEC Carbon	Farsports	Roval	Vision
Bontrager (since 2015)	FFWD	Roadsailer	Zipp
Comete	FSA	Spinergy	
DT Swiss	FSE	Tune	

Wheelbuilders - Yellow King OEM partners and approved products

Ambrosio	FSA	Mavic (carbon)
Easton	FSE	Vision
Farsports	Full Tech	Zipp

Wheelbuilders - BXP OEM partners

Xentis including carbon wheels	DT Swiss Oxic
Tune alloy wheels	

Brakes - Original Black OEM

SRAM Rival
SRAM Apex

Brakes - Custom compound for alloy

SRAM Force
SRAM Red

Brakes - Yelow King OEM

Fouriers

Exclusive Compounds

Lightweight
Mavic Exalith 2
Zipp Platinum





**RACE READY
SILENT POWER**

DISC RS

RACE READY | SILENT POWER



DISC 28 RS

Fits **Shimano** XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 **FSA** K-Force DB-TX-9000, Afterburner DB-TX-9150 **REVER** MCX1 Post Mount



DISC 30 RS

Fits **Magura** MT 2, 4, 6, 8 **CAMPA** Road Disc



DISC 32 RS

Fits **SRAM** HRD, eTap HRD, Level Ultimate, Level TLM



DISC 34 RS

Fits **Shimano** Dura Ace BR-R9170, Ultegra BR-R8070, XTR BR-M9100, BR-RS805, BR-RS505, BR-RS405, BR-RS305 **Tektro** HD-R310 **REVER** MCX1 Flat Mount



FEATURES AND DESIGN



SMOOTH, POWERFUL BRAKING

Disc RS is an organic compound which delivers powerful braking and precisely balances the performance characteristics important to racers and everyday riders alike:

- smooth feel in the brake lever
- predictable and progressive brake power
- very high durability
- consistently quiet operation

QUIET IN BOTH WET AND DRY CONDITIONS

Disc RS provides extremely quiet operation in all environmental conditions including wet, dry, snow and ice.

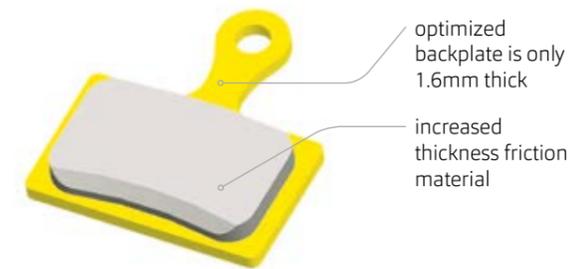
THIN BACKPLATE DESIGN

At 1.6mm thick the steel backplate saves weight over standard designs, yet provides the preferred thermal characteristics, strength and stability of steel.

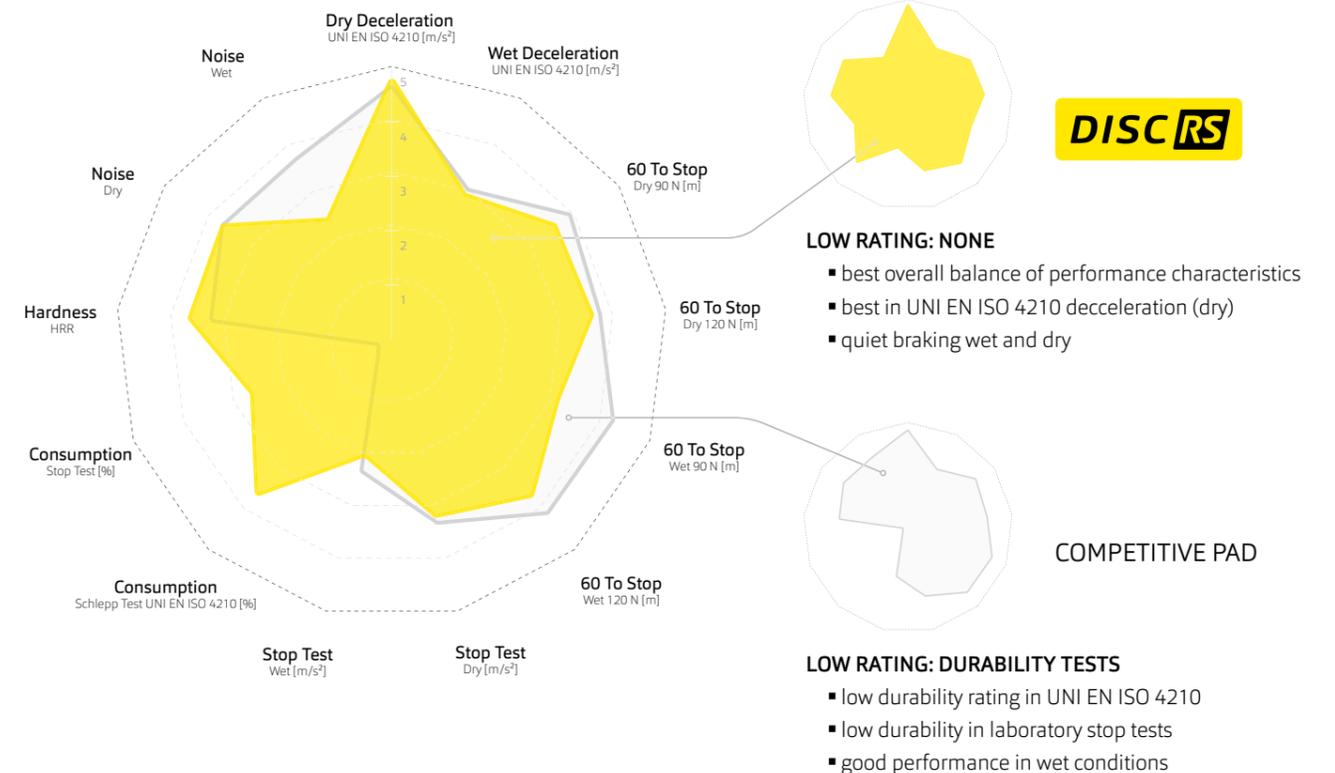
Reduced thickness backplate is offset with additional friction material, providing longer pad service life.

BALANCED PERFORMANCE

Disc RS offers a highly balanced combination of brake performance, durability and incredibly low noise in all conditions. This finely tuned compound provides an ideal riding experience which is not found in other disc brake pads.



PERFORMANCE



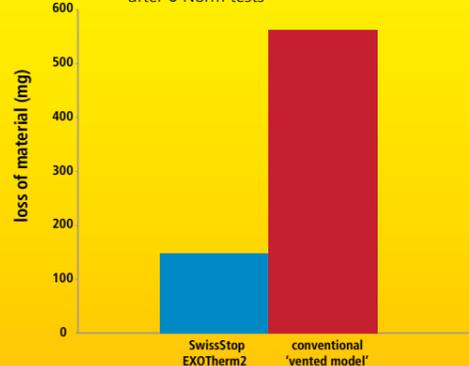
EXOTHERM 2

MAXIMUM PAD LIFE
MINIMUM BRAKE FADE



PAD WEAR COMPARISON

after 6 Norm tests

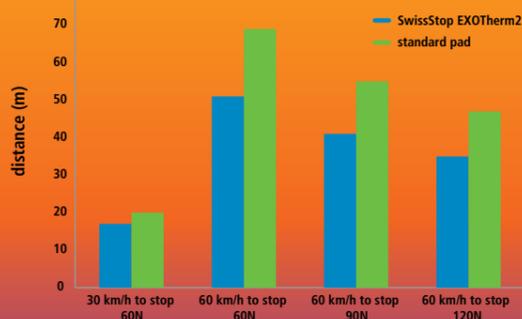


Based on the award winning SwissStop Disc E compound, EXOTherm2 provides high performance braking at all levels of use while minimizing pad wear.

With EXOTherm2 brake system temperatures are dramatically lower than standard pads, reducing wear on pads and rotors. Lower temperatures also mean more consistent brake performance by reducing brake fade - the reduction of brake power caused by overheated components.

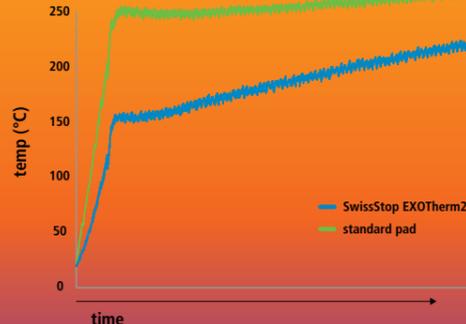
STOPPING DISTANCES

various speed and force on brake lever



TEMPERATURE AT ROTOR

fatigue test (700 W)



DISC 25

Fits **Formula** RO Racing, T1 Racing, R1 Racing, R1, C1, CR3, T1, RO, Mega, The One, RX, RR1, CURA



DISC 26

Fits **Avid** Elixir 9, 5, 3, 1, CR, R **SRAM** XX, XO, DB 5, 3, 1, Level TL, Level T, Level



DISC 27

Fits **Shimano** SAINT BR-M820, ZEE BR-M640, XT BR-M8020



DISC 28

Fits **Shimano** XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, BR-M675, BR-M666 **FSA** K-Force DB-TX-9000, Afterburner DB-TX-9150



DISC 30

Fits **Magura** MT 2, 4, 6, 8 **CAMPA** Road Disc



DISC 31

Fits **Avid** XO Trail, Elixir 9 Trail, Elixir 7 Trail **SRAM** Guide Ultimate, RSC, RS, R, T



DISC 32

Fits **SRAM** HRD, eTap HRD, Level Ultimate, Level TLM



DISC 34

Fits **Shimano** Dura Ace BR-R9170, Ultegra BR-R8070, BR-RS805, BR-RS505, BR-RS405, BR-RS305

ORGANIC DISC COMPOUND



DISC

- versatile organic Kevlar/brass/ceramic compound
- excellent braking performance and durability
- extremely low noise
- 21 models available

SMOOTH POWER | LOW NOISE



DISC 2
Fits **Magura** Louise, Clara 2000



DISC 3
Fits **Magura** Louise FR 2002, Clara 2001



DISC 5
Fits **Shimano** Deore BR-M555



DISC 10
Fits **Magura** Marta, Marta SL



DISC 11
Fits **Formula** B4/ Racing XC/ Extreme FR/ DR/BR Team/Pro/SL



DISC 15
Fits **Shimano** Deore BR-M575, BR-M525, BR-M515, LX BR-T675, Altus BR-M355
TRP Hylex, HY/RD, Spyre SLC **Tektro** Orion SL HD-M740, Orion HD-M730, HD-M725, Gemini SL HD-M520 / M521 **QUAD** Disc Brake



DISC 16
Fits **Shimano** XTR BR-M975, BR-M966, BR-M965, XT BR-M776, BR-M775, BR-M765, SLX BR-M665 **TRP** Dash Carbon



DISC 17
Fits **Avid** Juicy 3, 5, 7, Carbon, Ultimate, BB7 Mechanical



DISC 18
Fits **Formula** ORO



DISC 21
Fits **Magura** Marta 2009, Louise 2007/08, Louise Bat, Louise Carbon, Julie hp **Brake Force One** BFO Brake

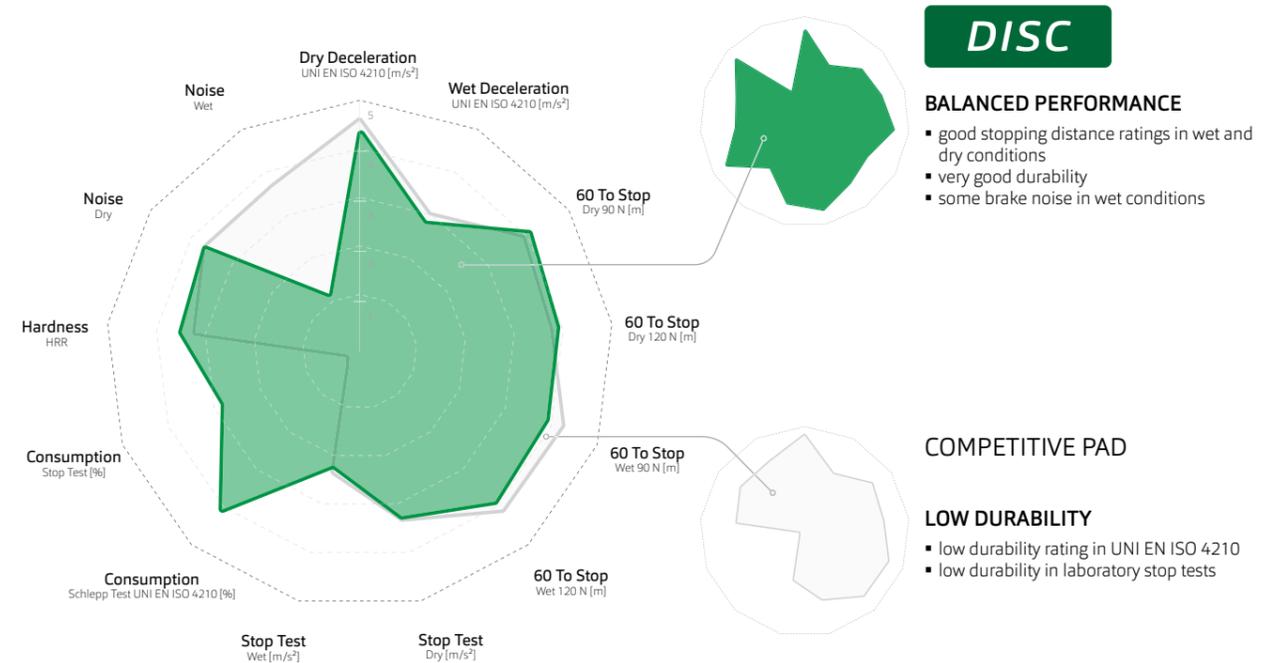


DISC 22
Fits **Avid** Code (2008-2010), Code 5, Code 7



DISC 23
Fits **Hayes** Stroker Ryde, Radar

PERFORMANCE





DISC

SMOOTH POWER | LOW NOISE



DISC 25

Fits **Formula** RO Racing, T1 Racing, R1 Racing, R1, C1, CR3, T1, RO, Mega, The One, RX, RR1, CURA



DISC 26

Fits **Avid** Elixir 9, 7, 5, 3, 1, CR, R **SRAM** XX, XO, DB 5, 3, 1, Level TL, Level T, Level



DISC 27

Fits **Shimano** SAINT BR-M820, BR-M810, ZEE BR-M640, XT BR-M8020 **TRP** Quadiem, Quadiem SL, Slate T4 **Tektro** HD-M750, HD-M745, HD-M735, HD-E725



DISC 28

Fits **Shimano** XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 **FSA** K-Force DB-TX-9000, Afterburner DB-TX-9150 **REVER** MCX1 Post Mount



DISC 29

Fits **Avid** Code (2011-2014), Code R **SRAM** Code RSC, R (2017), Guide RE



DISC 30

Fits **Magura** MT 2, 4, 6, 8 **CAMPA** Road Disc



DISC 31

Fits **Avid** XO Trail, Elixir 9 Trail, Elixir 7 Trail **SRAM** Guide Ultimate, RSC, RS, R, T



DISC 32

Fits **SRAM** HRD, eTap HRD, Level Ultimate, Level TLM



DISC 33

Fits **Magura** MT 5, 7

disc brake
SILENCER

After using it the first time I thought, "That's just a coincidence"
After the second time I thought, "Pretty cool".
After the third time I thought, "It really works. This is great!"

-Alexander Giegerich,
www.fahrradhof-grosswallstadt.de

PERFORMANCE

- prevents and reduces brake squealing, without impairing the braking effect
- simultaneously dissipates heat
- prevents non-uniform wear
- eliminates vibration on braking



50 ML



400 ML



HIGH ENDURANCE EASY MODULATION

DISC E

- long lasting, high endurance pad compound
- very easy modulation of braking force
- high temperature stability for consistent brake power
- organic formula is low noise and rotor friendly

MODELS



DISC 15 E

Fits **Shimano** Deore BR-M575, BR-M525, BR-M515, LX BR-T675, Altus BR-M355 **TRP** Hylex, HY/RD, Spyre SLC **Tektro** Orion SL HD-M740, Orion HD-M730, HD-M725, Gemini SL HD-M520 / M521 **QUAD** Disc Brake



DISC 26 E

Fits **Avid** Elixir 9, 7, 5, 3, 1, CR, R **SRAM** XX, XO, DB 5, 3, 1, Level TL, Level T, Level



DISC 27 E

Fits **Shimano** SAINT BR-M820, BR-M810, ZEE BR-M640, XT BR-M8020 **TRP** Quadiem, Quadiem SL, Slate T4 **Tektro** HD-M750, HD-M745, HD-M735, HD-E725



DISC 28 E

Fits **Shimano** XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 **FSA** K-Force DB-TX-9000, Afterburner DB-TX-9150 **REVER** MCX1 Post Mount



DISC 29 E

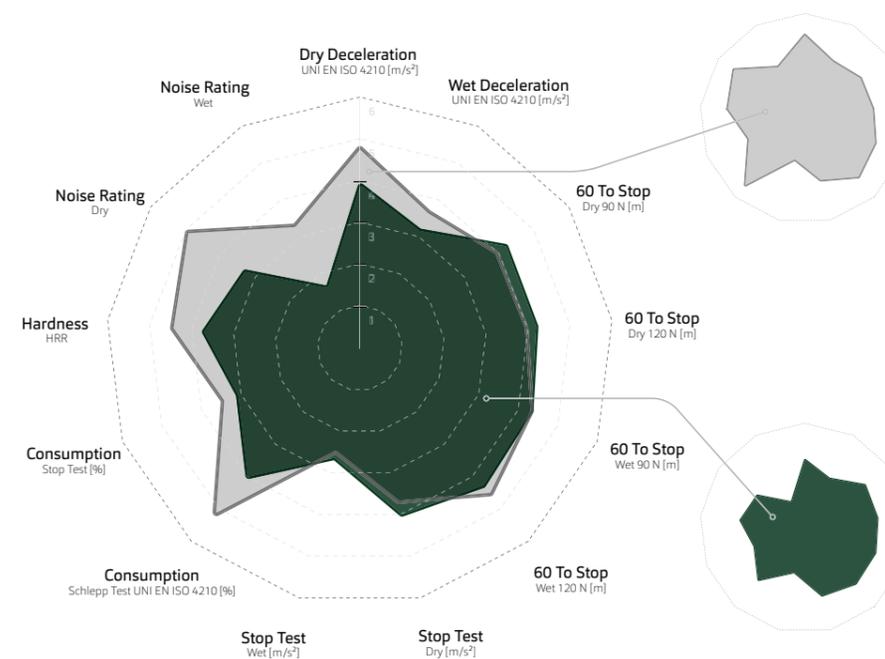
Fits **Avid** Code (2011-2014), Code R **SRAM** Code RSC, R (2017), Guide RE



DISC 30 E

Fits **Magura** MT 2, 4, 6, 8 **CAMPA** Road Disc

PERFORMANCE



DISC E

VERY HIGH ENDURANCE

- much more durable than Disc S
- better performance than Disc S in ISO 4210 deceleration tests
- good overall performance in tests from 60 km/h to full stop
- stopping distance test results similar to Disc S
- less brake noise than Disc S

DISC S

SINTERED COMPOUND

- wears out faster than Disc E
- less deceleration than Disc E in ISO 4210 tests
- good overall performance in stopping distance tests
- more brake noise than Disc S

MODELS



DISC 31 E

Fits **Avid** XO Trail, Elixir 9 Trail, Elixir 7 Trail **SRAM** Guide Ultimate, RSC, RS, R, T



DISC 33 E

Fits **Magura** MT 5, 7



DISC 32 E

Fits **SRAM** HRD, eTap HRD, Level Ultimate, Level TLM



DISC 34 E

Fits **Shimano** Dura Ace BR-R9170, Ultegra BR-R8070, XTR BR-M9100, BR-RS805, BR-RS505, BR-RS405, BR-RS305 **Tektro** HD-R310 **REVER** MCX1 Flat Mount

AWARDS



NEW

NEW

CATALYST disc rotor

ENGINEERED TO SET A NEW STANDARD

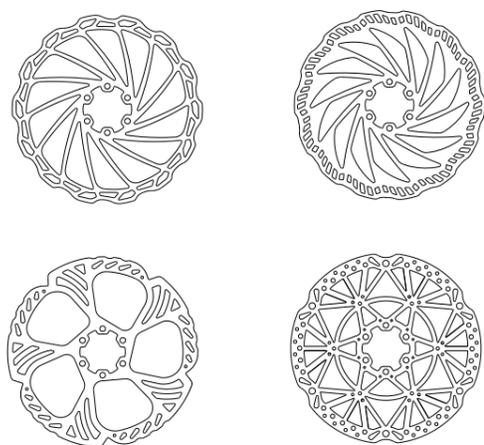
OPTIMUM HEAT DISSIPATION

RELIABLE PERFORMANCE FROM CYCLOCROSS TO DOWNHILL

HIGH DURABILITY, EVEN IN THE TOUGHEST CONDITIONS

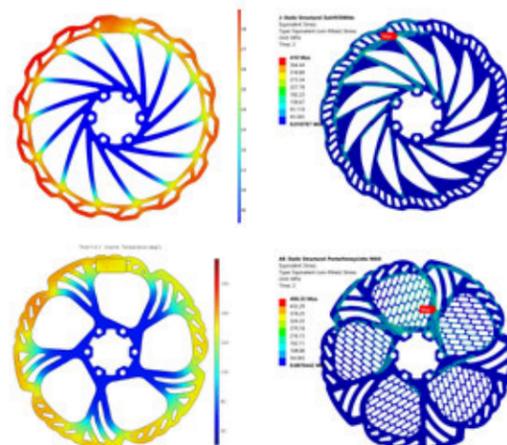
RESEARCH AND DEVELOPMENT

1. DESIGN AND MODELLING



In early 2015, the SwissStop engineering team conducted a series of laboratory tests on bicycle brake disc rotors. Next, they created digital models of these rotors and simulated the same test environments using advanced software. A comparison of the data verified that the simulations were accurate and effective, giving the engineers confidence to proceed with creating an array of digital prototypes to thoroughly test and evaluate.

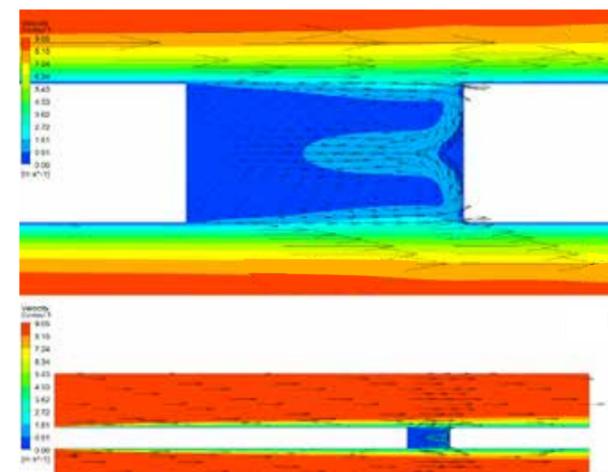
2. HEAT AND STRUCTURE SIMULATIONS



Heat transfer within the design concepts was studied extensively using engineering simulation software. The relationships between convection, radiation, surface area and weight were used to determine the optimal design to maximize heat dissipation and strength while minimizing weight.

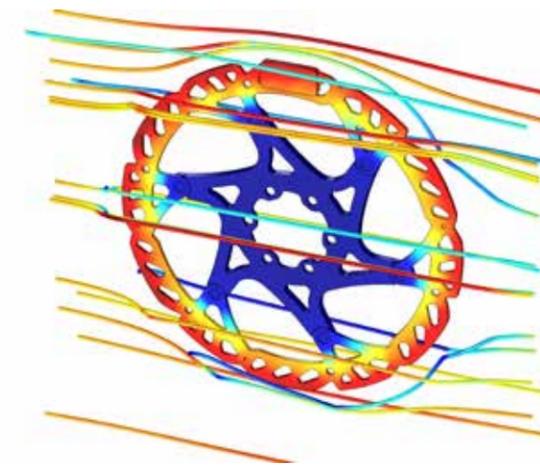
The structure of each design was evaluated under braking forces ranging from typical hand pressure up to theoretical maximums. Critical pressure points in the structure were identified in order to maximize the strength and stiffness of the rotor.

3. AIRFLOW ANALYSIS



Computational fluid dynamics (CFD) simulations were performed to study airflow over the surface of the rotor and through the cut-outs. A variety of profiles were tested to determine the effects of asymmetrical holes and optimize the cooling effect of airflow over the surfaces.

4. FINAL DESIGN



The final design was confirmed and visualized with further thermal and structural simulations.

A two piece design consisting of a 7075T6 aluminum alloy spider and SUS410 stainless steel brake track was chosen to balance light weight with reliable thermal management and structural performance.

Vibrations are minimized by the geometry of the brake pad contact area.

SWISS ENGINEERING

Thermodynamic simulations, structural analysis and fluid dynamic visualizations were conducted in collaboration with the Institute for Energy Technology at HSR University of Applied Science.





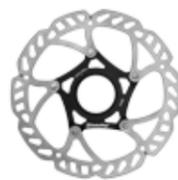
MODELS

CENTERLOCK

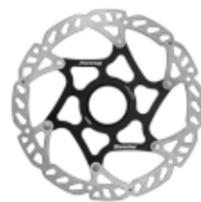
NEW



140 mm



160 mm

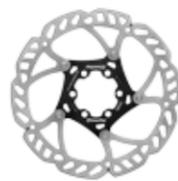


180 mm

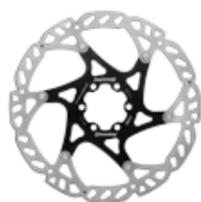
6 BOLT



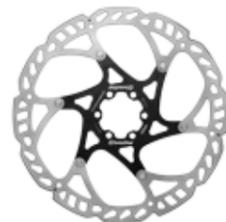
140 mm



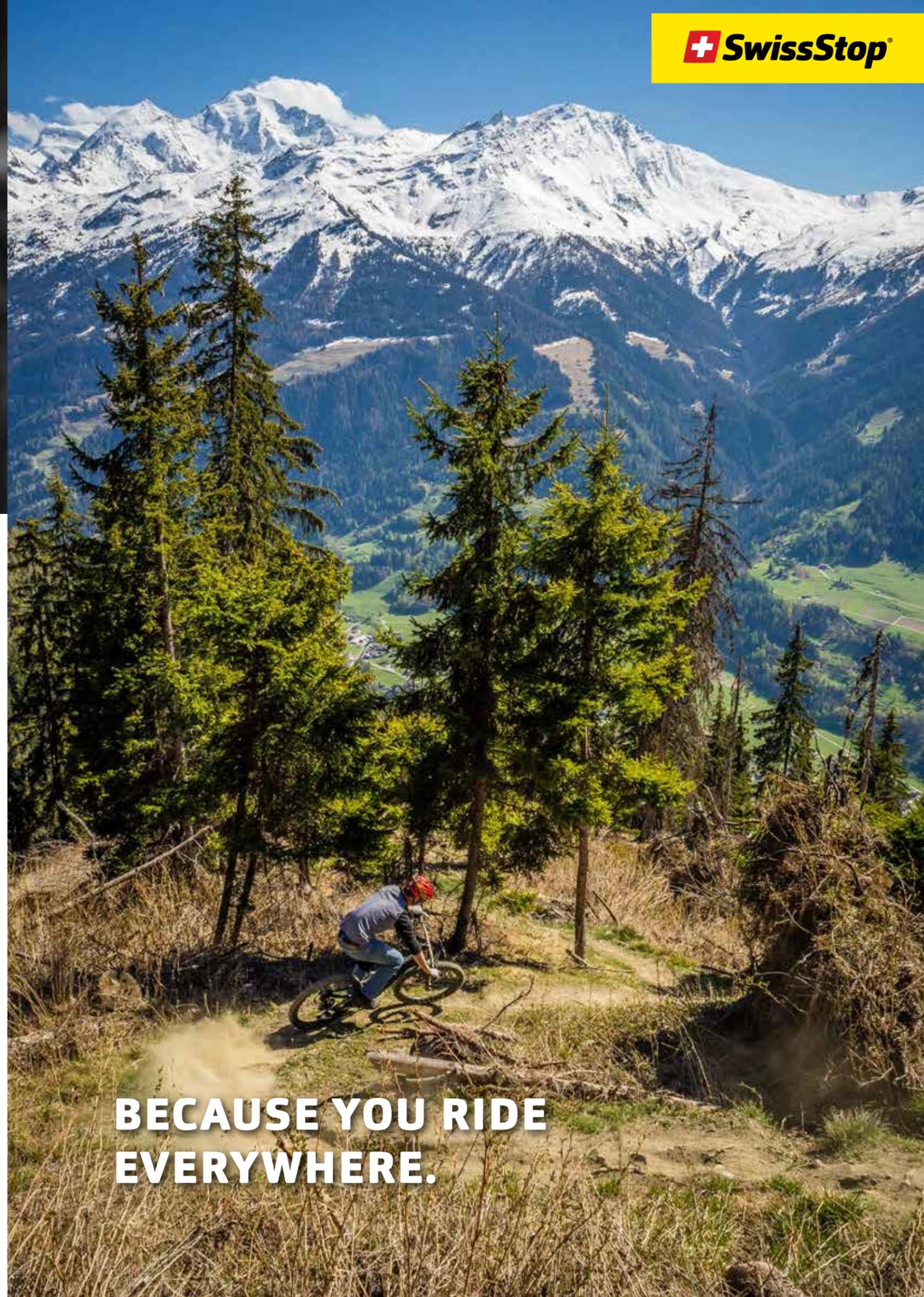
160 mm



180 mm



203 mm



**BECAUSE YOU RIDE
EVERYWHERE.**



COMPOUNDS FOR CARBON RIMS

BLACK PRINCE

EXCELLENT MODULATION



FlashPRO
Fits SRAM | Shim Road



FlashPRO
FULL TYPE
Fits SRAM | Shim Road



FlashEVO
Fits SRAM | Shim Road



RacePRO
Fits Campa 10|11|12 sp

YELLOW KING

FOR CARBON RIMS



FlashPRO
Fits SRAM | Shim Road



FlashPRO
FULL TYPE
Fits SRAM | Shim Road



RacePRO
Fits Campa 10|11|12 sp



Rat
Fits cantilever

COMPOUNDS FOR ALU RIMS



BXP

EXTREME PERFORMANCE



FlashPRO

Fits SRAM | Shim Road



FlashPRO FULL TYPE

Fits SRAM | Shim Road



FlashEVO

Fits SRAM | Shim Road



RacePRO

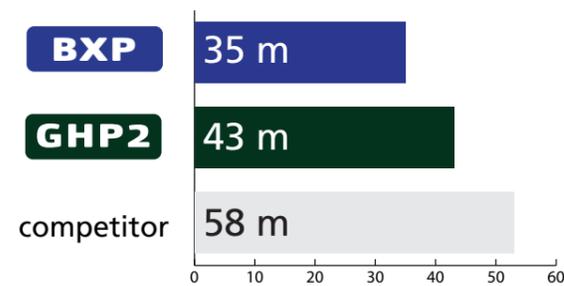
Fits Campa 10|11|12 sp

"I recently completed an epic cycle trip and before doing so, installed your Flash Pro BXP Alloy Rim brakes. I cycled the whole way across the USA - San Francisco, CA to Portsmouth, NH totalling 3808 miles in 47 days. An amazing adventure, which pushed both myself and the bike to the limit. Not only was I impressed by the reliant braking power of the BXP brakes, even in wet conditions and down some very steep mountain passes, but I never had to replace the brake blocks! In fact even returning home, they still look hardly worn. I have never had brake blocks like it and shall certainly never buy anything else but these again! They are one of the best purchases I have made for the bike and I just wanted to let you know."

-Becky Williams, UK

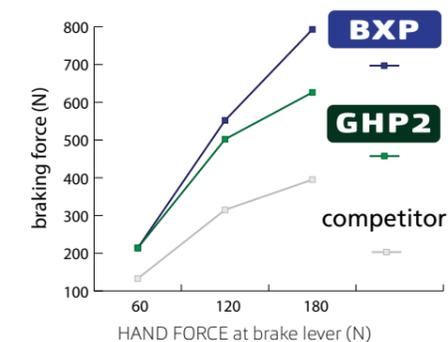
PERFORMANCE

STOPPING DISTANCES



STOPPING DISTANCE (m), 60 km/h -0, dry conditions

MODULATION



More performance info at www.SwissStop.ch/tech/compounds

COMPOUNDS FOR ALU RIMS

ADDITIONAL ITEMS AND ACCESSORIES

ORIGINAL BLACK

SMOOTH, RIM FRIENDLY BRAKING

GREY ECONOMY

ACCESSORY ITEMS



FlashPRO
Fits SRAM | Shim Road



FlashPRO
FULL TYPE
Fits SRAM | Shim Road



RacePRO
Fits Campa 10|11|12 sp



Viking
Fits threaded post



PolierGUMMI
for alu rims



VikingPRO
Fits threaded post



RxPLUS
Fits V-Type



RxPLUS
FULL TYPE
Fits V Type



Rat
Fits cantilever

Model	Compound	Rim		Art-Nr. / EAN	pack	box
FlashPro fits SRAM Shim Road	Original Black	Alu		P100001815 	4	20
	BXP	Alu		P100003203 		
	Yellow King	Carbon		P100001833 		
	Black Prince	Carbon		P100003205 		
Full FlashPro fits SRAM Shim Road	Original Black	Alu		P100001881 	2	14
	BXP	Alu		P100003331 		
	Yellow King	Carbon		P100001882 		
	Black Prince	Carbon		P100003330 		
Flash EVO fits SRAM Shim Road	BXP	Alu		P100003763 	4	20
	Black Prince	Carbon		P100003762 		
RacePro fits Campa 10 11 12 sp	Original Black	Alu		P100002482 	4	20
	BXP	Alu		P100003208 		
	Yellow King	Carbon		P100002484 		
	Black Prince	Carbon		P100003206 		

Model	Compound	Rim		Art-Nr. / EAN	pack	box
Viking fits threaded post	Grey Economy	Alu		P000647120 	pairs	60
VikingPro fits threaded post	Original Black	Alu		P100002773 	2	14
RxPlus fits V-Type	Original Black	Alu		P100002334 	4	20
Full RxPlus fits V Type	Original Black	Alu		P100002337 	2	14
Rat fits cantilever	Original Black	Alu		P000310204 	4	20
	Yellow King *	Carbon		P000330504 		

DISC BRAKE PADS

Model	Fit		Art-Nr. / EAN	pack	box
Disc RS					
Disc 28 RS	Shimano XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 FSA K-Force DB-TX-9000, Afterburner DB-TX-9150 REVER MCX1 Post Mount		P100004812 	2	20
Disc 30 RS	Magura MT 2, 4, 6, 8 CAMPA Road Disc		P100005050 	2	20
Disc 32 RS	SRAM HRD, eTap HRD, Level Ultimate, Level TLM		P100005051 	2	20
Disc 34 RS	Shimano Dura Ace BR-R9170, Ultegra BR-R8070, XTR BR-M9100, BR-RS805, BR-RS505, BR-RS405, BR-RS305 Tektro HD-R310 REVER MCX1 Flat Mount		P100005052 	2	20

* nur solange Lagervorrat / jusqu'à la fin du stock / fino ad esaurimento delle scorte / while current stock remains

Model	Fit		Art-Nr. / EAN	pack	box
EXOTerm2					
Disc 25	NEW Formula RO Racing, T1 Racing, R1 Racing, R1, C1, CR3, T1, RO, Mega, The One, RX, RR1, CURA		P100005313 	2	14
Disc 26	NEW Avid Elixir 9, 5, 3, 1, CR, R SRAM XX, XO, DB 5, 3, 1, Level TL, Level T, Level		P100005311 	2	14
Disc 27	NEW Shimano SAINT BR-M820, ZEE BR-M640, XT BR-M8020		P100005312 	2	14
Disc 28	NEW Shimano XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, BR-M675, BR-M666 FSA K-Force DB-TX-9000, Afterburner DB-TX-9150		P100005310 	2	14
Disc 30	NEW Magura MT 2, 4, 6, 8 CAMPA Road Disc		P100005314 	2	14
Disc 31	NEW Avid XO Trail, Elixir 9 Trail, Elixir 7 Trail SRAM Guide Ultimate, RSC, RS, R, T		P100005315 	2	14
Disc 32	NEW SRAM HRD, eTap HRD, Level Ultimate, Level TLM		P100005316 	2	14
Disc 34	NEW Shimano Dura Ace BR-R9170, Ultegra BR-R8070, BR-RS805, BR-RS505, BR-RS405, BR-RS305		P100005317 	2	14
Organic					
Disc 2	Magura Louise, Clara 2000		P000730002 	2	20
Disc 3	Magura Louise FR 2002, Clara 2001		P000730003 	2	20
Disc 5	Shimano Deore BR-M555		P000730005 	2	20
Disc 10	Magura Marta, Marta SL		P000730010 	2	20
Disc 11 *	Formula B4/ Racing XC/ Extreme FR/DR/BR Team/Pro/SL		P000730011 	2	20
Disc 15	Shimano Deore BR-M575, BR-M525, BR-M515, LX BR-T675, Altus BR-M355 TRP Hylex, HY/RD, Spyre SLC Tektro Orion SL HD-M740, Orion HD-M730, HD-M725, Gemini SL HD-M520 / M521 QUAD Disc Brake		P000730015 	2	20
Disc 16	Shimano XTR BR-M975, BR-M966, BR-M965, XT BR-M776, BR-M775, BR-M765, SLX BR-M665 TRP Dash Carbon		P000730016 	2	20

Model	Fit		Art-Nr. / EAN	pack	box
Disc 17	Avid Juicy 3, 5, 7, Carbon, Ultimate, BB7 Mechanical		P000730017 	2	20
Disc 18	Formula ORO		P000730018 	2	20
Disc 21 *	Magura Marta 2009, Louise 2007/08, Louise Bat, Louise Carbon, Julie hp Brake Force One BFO Brake		P000730021 	2	20
Disc 22 *	Avid Code (2008-2010), Code 5, Code 7		P000730022 	2	20
Disc 23	Hayes Stroker Ryde, Radar		P100001426 	2	20
Disc 25	Formula RO Racing, T1 Racing, R1 Racing, R1, C1, CR3, T1, RO, Mega, The One, RX, RR1, CURA		P100001425 	2	20
Disc 26	Avid Elixir 9, 7, 5, 3, 1, CR, R SRAM XX, XO, DB 5, 3, 1, Level TL, Level T, Level		P100001650 	2	20
Disc 27	Shimano SAINT BR-M820, BR-M810, ZEE BR-M640, XT BR-M8020 TRP Quadiem, Quadiem SL, Slate T4 Tektro HD-M750, HD-M745, HD-M735, HD-E725		P100001651 	2	20
Disc 28	Shimano XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 FSA K-Force DB-TX-9000, Afterburner DB-TX-9150 REVER MCX1 Post Mount		P100001652 	2	20
Disc 29	Avid Code (2011-2014), Code R SRAM Code RSC, R (2017), Guide RE		P100001653 	2	20
Disc 30	Magura MT 2, 4, 6, 8 CAMPA Road Disc		P100002876 	2	20
Disc 31	Avid XO Trail, Elixir 9 Trail, Elixir 7 Trail SRAM Guide Ultimate, RSC, RS, R, T		P100003239 	2	20
Disc 32	SRAM HRD, eTap HRD, Level Ultimate, Level TLM		P100003789 	2	20
Disc 33	Magura MT 5, 7		P100004288 	4	20

Model	Fit		Art-Nr. / EAN	pack	box
Disc E					
Disc 15 E	Shimano Deore BR-M575, BR-M525, BR-M515, LX BR-T675, Altus BR-M355 TRP Hylex, HY/RD, Spyre SL Tektro Orion SL HD-M740, Orion HD-M730, HD-M725, Gemini SL HD-M520 / M521 QUAD Disc Brake		P100003790 	2	20
Disc 26 E	Avid Elixir 9, 7, 5, 3, 1, CR, R SRAM XX, XO, DB 5, 3, 1, Level TL, Level T, Level		P100003791 	2	20
Disc 27 E	Shimano SAINT BR-M820, BR-M810, ZEE BR-M640, XT BR-M8020 TRP Quadiem, Quadiem SL, Slate T4 Tektro HD-M750, HD-M745, HD-M735, HD-E725		P100005266 	2	20
Disc 28 E	Shimano XTR BR-M9000, BR-M9020, BR-M987, XT BR-M8000, BR-M785, SLX BR-M7000, BR-M675, BR-M666 FSA K-Force DB-TX-9000, Afterburner DB-TX-9150 REVER MCX1 Post Mount		P100003792 	2	20
Disc 29 E	NEW Avid Code (2011-2014), Code R SRAM Code RSC, R (2017), Guide RE		P100005619 	2	20
Disc 30 E	Magura MT 2, 4, 6, 8 CAMPA Road Disc		P100003793 	2	20
Disc 31 E	Avid XO Trail, Elixir 9 Trail, Elixir 7 Trail SRAM Guide Ultimate, RSC, RS, R, T		P100005265 	2	20
Disc 32 E	SRAM HRD, eTap HRD, Level Ultimate, Level TLM		P100005157 	2	20
Disc 33 E	NEW Magura MT 5, 7		P100005620 	2	20
Disc 34 E	Shimano Dura Ace BR-R9170, Ultegra BR-R8070, XTR BR-M9100, BR-RS805, BR-RS505, BR-RS405, BR-RS305 Tektro HD-R310 REVER MCX1 Flat Mount		P100005012 	2	20
Sintered					
Disc 16 S*	Shimano XTR BR-M975, BR-M966, BR-M965, XT BR-M776, BR-M775, BR-M765, SLX BR-M665 TRP Dash Carbon		P100002785 	2	20
Disc 18 S*	Formula ORO		P100002787 	2	20
Disc 27 S*	Shimano SAINT BR-M820, BR-M810, ZEE BR-M640, XT BR-M8020 TRP Quadiem, Quadiem SL, Slate T4 Tektro HD-M750, HD-M745, HD-M735, HD-E725		P100003797 	2	20
Disc 30 S*	Magura MT 2, 4, 6, 8 CAMPA Road Disc		P100003794 	2	20

Model	Size	Mount		Art-Nr. / EAN	pack	box
Disc Brake Rotors - 6 Bolt						
Catalyst	140 mm	6 Bolt		P100005008 	1	10
	160 mm	6 Bolt		P100005009 		
	180 mm	6 Bolt		P100005010 		
	203 mm	6 Bolt		P100005011 		
Disc Brake Rotors - Centerlock						
Catalyst	140 mm	Centerlock		P100005612 	1	10
	160 mm	Centerlock		P100005493 		
	180 mm	Centerlock		P100005494 		

DISC BRAKE SILENCER AND ACCESSORIES

Silencer						
SwissStop Disc Brake Silencer	50 ml	DE / FR / IT / EN / ES / NL / DK		P100002354 	12	
	400 ml	DE / FR / IT / EN / ESP / NL		P100004436 		
PolierGummi						
PolierGummi	34x20x8.5mm	Cleaning block for alloy rims		P000771340 	50	
Promotional Items						
Compressed Towel	30 x 60cm			P100003788	50	
Disc Poster	UPDATED 364 x 364mm			P100004322		

* nur solange Lagervorrat / jusqu'à la fin du stock / fino ad esaurimento delle scorte / while current stock remains

The producer of SwissStop, Rex Articoli Tecnici SA, presents **VELOSECUR®**, an innovative rail filler profile designed to increase safety for cyclists at track crossings.



Extensive experience in the production of technical rubber products has led to the development of a new rubber compound which is particularly resistant to abrasion and also able to stand up to a wide range of weather conditions.

Field tests were done in hot and cold climates.

The **VELOSECUR®** profile rebounds to its original shape quickly after a train passes, and offers a long service life.



Easy to install and easy to maintain, **VELOSECUR®** provides rail track crossing protection for cyclists.

The **VELOSECUR®** filler profile is easily installed on a ready ground base. On average, 15 m of linear track can be fitted with **VELOSECUR®** by one person per hour. The same applies for replacement, cleaning and maintenance work.

At 440 mm in length, individual elements can be easily replaced as required.

To prevent movement of the **VELOSECUR®** elements when in operation, the profiles can be fixed in different ways according to requirements of the installation.

- The elements can be fitted with a semi-rigid plastic insert which allows fasteners to be used to screw the profiles to the base
- Elements can be fixed by metal plates welded to the side of the rail groove

Rex Articoli Tecnici produces a wide range of products for rail tracks and rail vehicles. For information, please contact sales@rex.ch





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