

A ACTIVE
Rev and Ride It !

S GALE SPEED

GLIDE

AC
PERFORMANCE LINE

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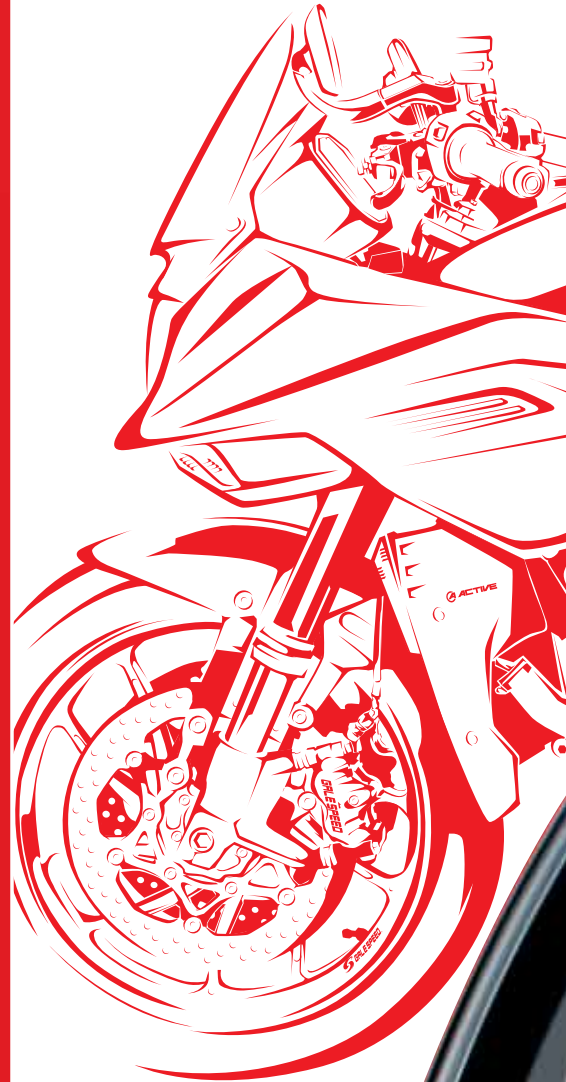
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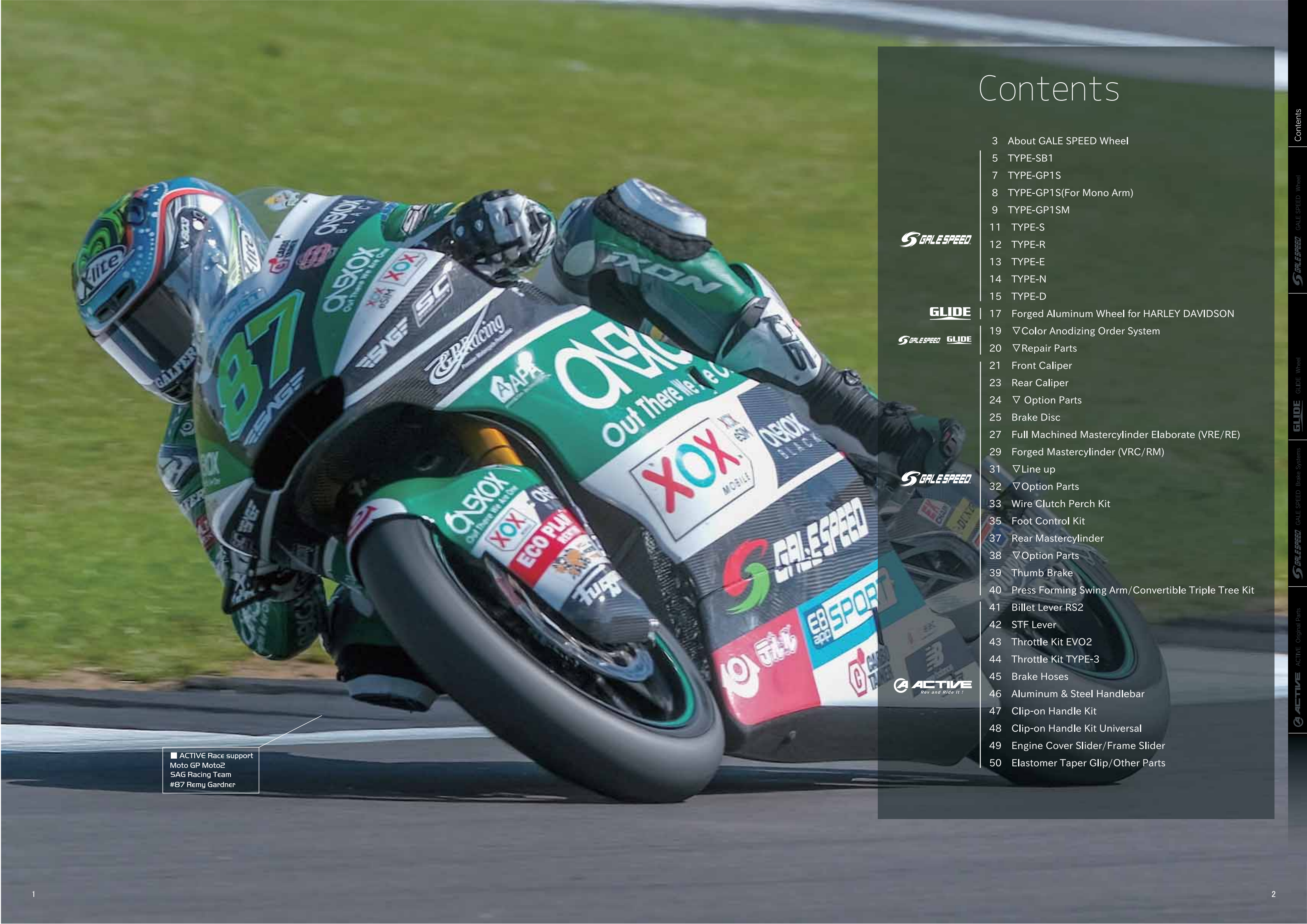
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A ACTIVE
Rev and Ride It !

S GALE SPEED





■ ACTIVE Race support
Moto GP Moto2
SAG Racing Team
#87 Remy Gardner

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人技夢創造

Everything comes from human relationship, and we create dreams with our technique.
 We maintain steady focus and our contribution to society is with total regard and responsible manufacturing.
 Our focus and actions begin and end with customer satisfaction.
 We are and will continue to be ACTIVE.

ACTIVE CO.LTD was established in 1989 as the wholesaler of motorcycle parts.
 In 2002 GALE SPEED brand was founded and we changed our business configuration to planning and manufacturing

"Firstly we made possible the perfect strength and durability desired in a wheel and a light weight through forged aluminum. Then, in order to propose new concepts never seen before in custom wheels such as our pricing, design and various color options to the aftermarket, we released the initial model "TYPE-C created with GALE SPEED original technology.
 We did not only simply reduce wheel weight, but we also balanced weight distribution and rigidity with driving ability in mind and implemented wheels that overcame varied hurdles."

In 2009, "Brake system project" was launched based on our technology and knowledge from our forged wheel project.

GALE SPEED developed master cylinders and brake discs through the racing support with various racing teams at MotoGP moto2.

We released rear caliper and foot control kit from last year.

New release of front caliper and thumb brake in 2020. All of them assist the riding and gives a wonderful feeling of unity.

This is our belief —

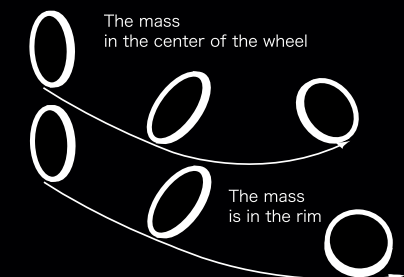
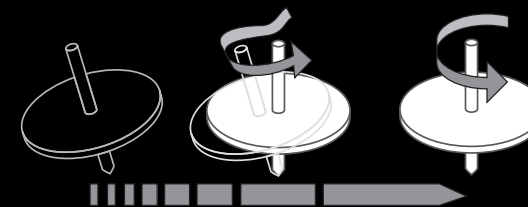
"To create competitive quality and performance in the world. To create coveted products loved by riders all over the world. GALE SPEED will continue to evolve to achieve this dream."



GALESPEED STOCK WHEELS

GALE SPEED FEATURES

The mass of our wheels is centralized in the hub.
 On the other hand, the mass of casting wheels is in the rim part.



Have you ever heard "gyroscopic effect/action"? When an object spins, the object is trying to be dragged outside. In another word, it is called centrifugal force.

The mass of original wheel is in the rim part. This means it has more gyroscopic effect. On the other hand, our wheel has the mass in the center of the wheel. This means our wheel has less gyroscopic effect. You get a lot of advantages. Such as, enhanced maneuverability, braking, acceleration,



Type-SB1

The lightest aluminum wheels TYPE-SB1 in our history.

We achieve new 10 spoke shape and comparable weight with magnesium wheels by the extra super duralumin and the perfect CNC machining. The high technology wheels are designed for street and racing purpose.



GSX-R1000R 17



Street

Conformed to JWL for high safeness and quality.



Race

Adapted to regulations of 17 inch wheels such as ALL JAPAN ROAD RACE CHAMPIONSHIP and ENDURANCE WORLD CHAMPIONSHIP.

Details

Machined in every detail by 7000 series of extra super duralumin and the spoke shape. We succeed in significant weight saving by 33% reduction of the thickness.



The design excellent in despersion of stress by thorough strength analysys. The 10 rounded spokes receive the load of acceleration and braking. It provides for ductility against the radial load.



FRONT



REAR

Color options



Solid White

Matte Black

Gold Metallic

Weight comparison (SUZUKI GSX-R1000R 17) *Incl. Driven Sprocket

	TYPE-SB1	Original
Front	3.16kgs	4.67kgs
Rear	5.74kgs	7.98kgs

Born from our race-proven technology

Compare two street models that have inherited the capabilities of the "TYPE-GP1" racing wheel used by many domestic and foreign racing teams!
Stable during sudden braking or high speed corners while preserving flexibility with radial load, achieving high rigidity and a light weight, it implements the driving capabilities desired in a wheel at new dimensions.

Type-GP1S

Aluminum (6061) with light weight, high rigidity and durability. Has the great cost performance characteristic of aluminum.
Each part is cut to its limit in order to lighten the weight of highly rigid aluminum.
Excelling in durability and maintainability, it can be used often and for a long time.



Beautiful spokes machined to the limit



Machined fully-integrated hub part



Color options



Solid White Matte Black Gold Metallic

Weight comparison (YAMAHA YZF-R1 15) *Incl. Driven Sprocket

	TYPE-GP1S	Original
Front	3.7kgs	3.95kgs
Rear	6.39kgs	7.9kgs



Type-GP1S

ALUMINUM FORGED MONO ARM WHEEL

This is first time for GALE SPEED to have aluminum forged wheels for single arm. It is modified into GP1S which is enabled to mount on DUCATI single arm motorcycles. We achieved to incarnate both high design and high performance, which OEM wheels don't have.



The spokes are designed considering to shape and nature of mounting keeping with single arm's specific bent configuration.



Strengthened aluminum by forging is lightened with high machining technology we have. It makes wheels come true having both "high rigidity" and "light-weight".



Color options



Solid White Matte Black Gold Metallic

Type-GP1SM

Magnesium (AZ80) is approximately 30% lighter than aluminum. Makes specifications close to racing wheels possible. In order to preserve high rigidity in the lightweight magnesium, each part is suitably thick you can use it with peace of mind, as the rim thickness and flange processing use a design to prevent the cracking that is a concern with magnesium.



Beautiful spokes machined to the limit



Machined fully-integrated hub part

Color options



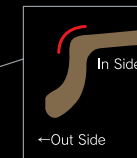
Solid White Matte Black Gold Metallic

Weight comparison (YAMAHA YZF-R1 15) *Incl. Driven Sprocket

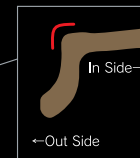
	TYPE-GP1SM	Original
Front	3.3kgs	3.95kgs
Rear	5.59kgs	7.9kgs

Although the two wheels look similar at first glance, aside from the hubs they are constructed with entirely different designs matching the special traits of each one's materials.

Type-GP1S



Type-GP1SM



Lightweight forged magnesium falls behind in rigidity when compared to forged aluminium. Under conditions where load is put on the wheels such as road surface condition and cornering, compared to forged aluminium, forged magnesium is more likely to crack. The spokes of TYPE-GP1SM are wider and thicker inside compared to TYPE-GP1S. By enlarging the spoke volume, the pocket cutting processing surface is more expansive than that of the TYPE-GP1S.

TYPE-GP1S(Street) is based on racing wheel "TYPE-GP1" used by not only ASIA ROAD RACING CHAMPIONSHIP

FIM GRAND PRIX WORLD CHAMPIONSHIP



Moto2 2020
SAG Racing Team
#87 Remy Gardner



Moto2 2020
SAG Racing Team
#99 Kasma Daniel



Unprecedented high-performance design

Type-S

This is the high-end model using more advanced machining technique to achieve more weight saving and more stiffness. 15 spokes disperse efficiently the stress pressured on the wheel rim, while realizing more stiffness than TYPE-R.

Color options



Solid White Matte Black Gold Metallic

Weight comparison (SUZUKI GSX1300R 08-12)

*Incl. Driven Sprocket

	TYPE-S	Original
Front	3.95kgs	4.90kgs
Rear	6.83kgs	8.45kgs



Basic yet Stylish design

Type-R

This is the upper model of TYPE-C which has succeeded 10% weight saving on the front and rear wheels. 10 rough-mesh spokes with different thickness give both stiffness and flexibility, and have enough strength for track use. Smaller inch wheels for mini bikes are also available.

Color options



Solid White Gloss Black Gold Metallic



Bronze Gun Metallic

Weight comparison (ZX-6R 05-12)

*Incl. Driven Sprocket

	TYPE-R	
Front	3.85kgs	4.70kgs
Rear	6.24kgs	8.20kgs





The 8 spokes design fits the various street models

NEW ***Type-E***

It makes high endurance in street using by the combination with the thick dampers. TYPE-E makes 2 advantages for increasing rim depth. The improvement of impact mitigation and riding by increased air cushion. It makes comfortable riding

Color options



Weight comparison (Kawasaki Z900RS 18-19)

	TYPE-E	Original
Front	4.21kgs	5.09kgs
Rear	6.55kgs	8.38kgs

*Incl. Driven Sprocket



Fusion of Classic and State-of-the-art

Type-N

Utilizing the GALE SPEED design concept, we offer a new classic look forged aluminum wheel. While securing enough stiffness with the best stress-dispersal 6 spokes, we have pursued the performance. We prepare 17" and 18" for various models.

Color options



Weight comparison (HONDA CB1100)

	TYPE-N	Original
Front	4.15kgs	6.50kgs
Rear	6.08kgs	7.25kgs

*Incl. Driven Sprocket



Carbon Fiber Composite Wheel

Type-D



Carbon Fiber Composite Wheel

Carbon Fiber Composite needs higher skill and experience, because the choice from thousands of carbon prepreg (how close of the weave, type of prepreg) and the way of layering to decide the load capacity, the stress transmission and other factors.

With the strength and stiffness analysis which GALE SPEED development team have done using CAD program, Dome Carbon Magic Ltd. builds the wheel by choosing the best prepreg on each part and even changing the layer and the weave of the prepreg.

Also to keep the appropriate strength on each part, we changed the direction of the weave. Thousands of trial and error has made "Carbon Fiber Composite Wheel".

Collaborated state-of-the-art masterpiece achieved in higher level

TYPE-D was born, in collaboration with Dome Carbon Magic Ltd. (TORAY CARBON MAGIC Co., Ltd) With very sophisticated wheel design made by GALE SPEED development team, Dome Carbon Magic has injected their enormous know-hows about carbon fiber composite experienced during their longtime racing vehicle production into this TYPE-D wheel.

How to maintain the stiffness on the spoke?

What is the best material for the enough strength?

Dome Carbon Magic's special manufacturing process called "Optimized design" made TYPE-D more reliable wheel.

Beautiful texture, sophisticated design, production efficiency and high performance... All factors were achieved in higher level.

Selectable wheel surface and parts colors & materials

We offer several color options for wheel surface and parts.

Wheel surface

We offer "clear coating" which you can enjoy the material and quality feel of carbon fiber itself, and "candy red coating" which emphasizes the vividness and deepness of the color.



clear coating

candy red coating

Attachment color

We offer 3 anodized colors, Red, Gold and Black.



Red

Gold

Black

Attachment fixing bolt

We offer steel made bolt and light-weight titanium bolt.



steel made bolt

light-weight titanium bolt

Application

- PANIGALE V4/R/S
- DUCATI 1299/1199 PANIGALE/S/R
- DUCATI 1198/1098/S/R
- MV AGUSTA F4 10-13 ■ MV AGUSTA F4 07-09
- MV AGUSTA F3 13-14/Dragster 14/BRUTALE 800/675 13-14



DUCATI 1198/1098



MV AGUSTA F4 07-09

Weight comparison (DUCATI 1098S) *Incl. Driven Sprocket

	TYPE-D	Original
Front	2.50kgs	3.20kgs
Rear	2.90kgs	3.60kgs

GLIDE

Forged Aluminum Wheel for HARLEY DAVIDSON

following "casual sport" concept emphasizing price, quality and design, GLIDE offers a nimble ride for Harley Davidson owners with a design that is simple, sporty and full of technologies accumulated by creating GALE SPEED.

S18

The 18 split spoke achieve the balance and design. It is 5% lighter than previous 9S model and this leads to good and fun handling.



9S

The 9 spoke design add spice to complete design of Harley Davidson. Ball-End processing on each spoke gives a fashionable essence.



HARLEY-DAVIDSON
SPORTSTER XL1200CX ROADSTER



HARLEY-DAVIDSON
XL1200X Forty-Eight

S18 Line Up [All] Front:250-19 / Rear:450-17

Available for Single disc, Double discs models

DYNA FXDC/FXDB/FXDL 14-17 (ABS)	DYNA 08-13/06-07
SPORTSTER 1200 16-19 (ABS)/08-15	SPORTSTER 883 17-19 (ABS)/08-15
XL1200CX ROADSTER 16-19 (ABS)	

Color options



9S Line Up

Available for Single disc, Double discs models

SPORTSTER ■MODEL 08-15 (F:215-19 or 250-19/R:350-16 or 350-18) 05-07 (F:215-19/R:350-16 or 350-18) 00-04 (F:215-19/R:350-16 or 350-18) 84-99 (F:215-19/R:350-16 or 350-18) The lineup '84-'99 is applicable for double discs models only.	SPORTSTER 1200 ■MODEL 16-19 ABS (F:215-19 or 250-19/R:350-16) XL1200T Super Low ■MODEL 16 ABS (F:350-18/R:500-17)	SPORTSTER 883 ■MODEL 17-19 ABS (F:215-19 or 250-19/R:350-16) XL883L Super Low ■MODEL 17 ABS (F:350-18/R:500-17) 11-15 (F:350-18/R:500-17)
XL1200X Forty-Eight ■MODEL 16-19 ABS (F:350-16/R:350-16) 11-15 (F:350-16/R:350-16)	DYNA ■MODEL 14-17 ABS (F:250-19/R:500-17) 04-05 (F:215-19/R:350-16 or 350-18) 08-13 (F:250-19/R:500-17) 00-03 (F:215-19/R:350-16 or 350-18) 06-07 (F:250-19/R:500-17) 91-99 (F:215-19/R:350-16 or 350-18) The lineup '91-'99 is applicable for double discs models only.	
XL1200CX ROADSTER ■MODEL 16-19 ABS (F:250-19/R:450-18)	DYNA FXDC/FXDB/FXDL ■MODEL 14-17 ABS (F:250-19/R:500-17)	DYNA SUPER GLIDE ■MODEL 84-94 (F:215-19/R:350-16 or 350-18) for double disc only
XR1200/X ■MODEL 09-11 (F:350-17 or 350-18/R:550-17)		

Exclusive wheels for customized bikes

Available for Single disc, Double discs models

Same hub size wheel is available as shown below.

Front: 250-18	Rear: 450-18
DYNA 14-16 (ABS)/08-13/06-07/04-05/00-03/91-99	DYNA 14-16 (ABS)/08-13/06-07/00-05/91-99
SPORTSTER 08-15/00-07/84-99	SPORTSTER 08-15/05-07/00-04/84-99
XR1200 09-11	XR1200 09-11
SPORTSTER 1200 16-19 (ABS)	
SPORTSTER 883 17-19 (ABS)	
Front: 250-19	Rear: 550-17
DYNA 04-05/00-03	DYNA 14-16 (ABS)/08-13/06-07/00-05/91-99
SPORTSTER 00-07	SPORTSTER 1200 16-19 (ABS)
	XL1200X Forty-Eight 16-19 (ABS)
	SPORTSTER 883 17-19 (ABS)
	SPORTSTER 08-15/05-07/00-04/84-99
Front: 350-17	
XL1200X Forty-Eight 16 (ABS)/11-15	
XL1200CX ROADSTER 16-19 (Double disc only)	

Color options



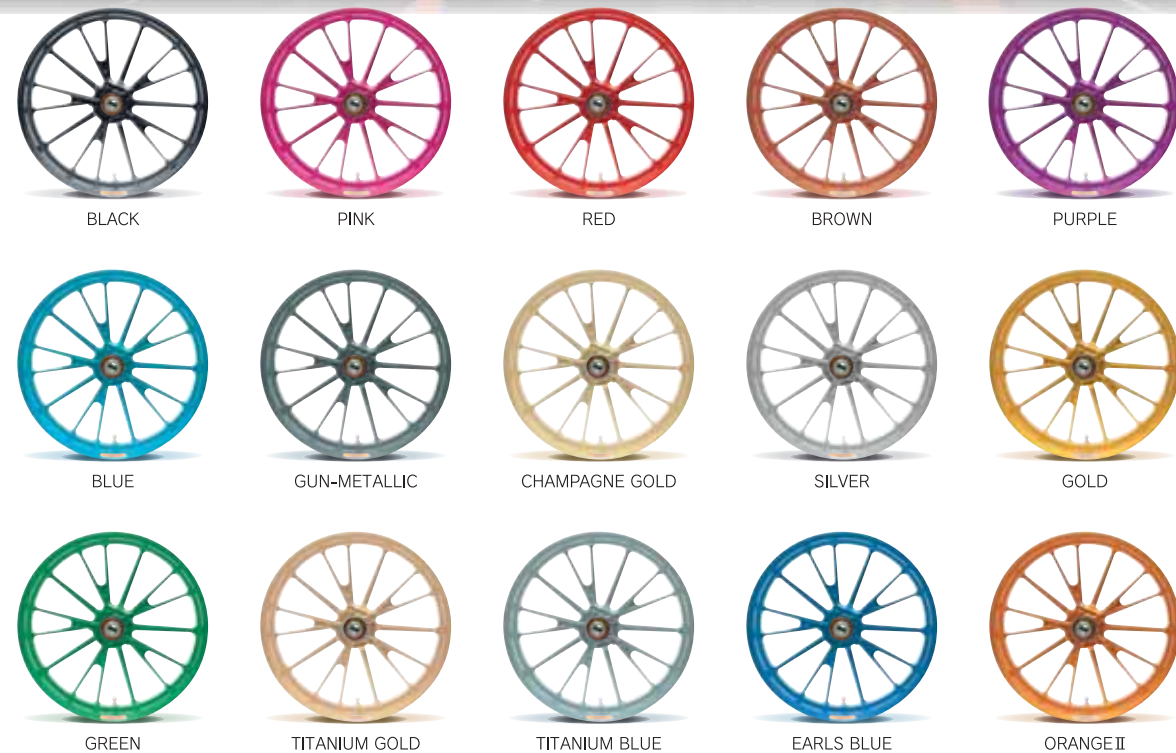
Weight comparison (reference example)

	Front	Rear
GLIDE 9S	4.50kgs (215-19)	4.90kgs (350-16)
Original	7.10kgs (215-19)	7.80kgs (300-16)

*Incl. Driven Sprocket

Color Anodizing Order System

For edgy and sharp form, 15 colors are available.



Wheel Repair Parts



SPECIFIC SPROCKET

ALUMINUM MOLYBDENUM TREATMENT

Apply special treatment to the sprocket surface to reduce the friction and improve the durability.

[SIZE/TEETH]

520/37T-48T 525/36T-46T
530/38T-47T 532/38T-48T



STEEL

Have high rigidity as being adopted by MotoGP and endurance races.

[SIZE/TEETH]

520/38T-48T 525/36T-37T-39T-45T
530/38T-47T



AIR VALVE

74° VALVE

Ideal air instilling by 74° shape

[SIZE] GALE SPEED ϕ 8.5
STANDARD WHEEL ϕ 11.5
[COLOR] SILVER/BLACK/GOLD
made by aluminum/ with aluminum cap



STRAIGHT VALVE

30mm length short air valve
[SIZE] GALE SPEED ϕ 8.5
STANDARD WHEEL ϕ 11.5
[COLOR] SILVER/BLACK
made by aluminum/ with aluminum cap



SHORT ROTOR BOLT

Bolt for mounting disc rotor
made by steel/ M8x20(P1.25)



RUBBER SEAL BEARING

High durability with rubber seal



DRIVEN SPROCKET BOLT FOR MOTARD

Wiring lock
Available to be used as disc rotor bolt.
made by steel/ M8x20(P1.25)



CUSH DRIVE DAMPER

Absorbing shocks, propagate the power to wheels.
compact, light weight



Elaborate FRONT CALIPER



High performance, High rigidity, High quality Radial Mounted Front Caliper

The concept is "High quality and elaborative forged aluminum caliper for street and sport riding. The beautiful quality appearance is completed by the high precision 3D machining.



Heat dissipation



The fin shape of the body design has the role of a cooler, improving heat dissipation

2 piece body



Minimize the space between discs Direct feeling The range of movement of the piston is small

Designed for maintenance



Optimized hose extraction position and fluid passage

High rigidity



Excellent rigidity by fastening with four bolts and providing a center bridge



KANATA 19



GSX-R1000R 18

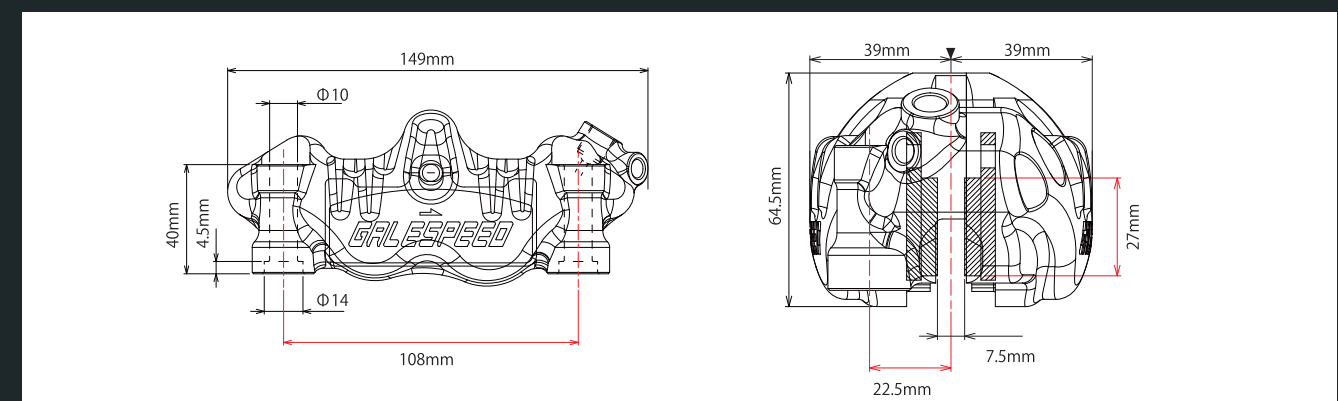
Elaborate FRONT CALIPER



Elaborate Front Caliper 4Piston

- Piston size : $\Phi 34/30$ ■ Body : 2 Pieces (12 point connecting bolt)
- Material : Forged aluminum (6061) ■ Dustseal/Padspring : Include
- Banjo bolt thread size: M10 x P1.00
- Position : Radial (Pitch 108mm , Offset 22.5mm)
- Disc Diamenter : $\Phi 250 \sim \Phi 330$ (Disc thick : 4.0mm ~ 6.0mm)

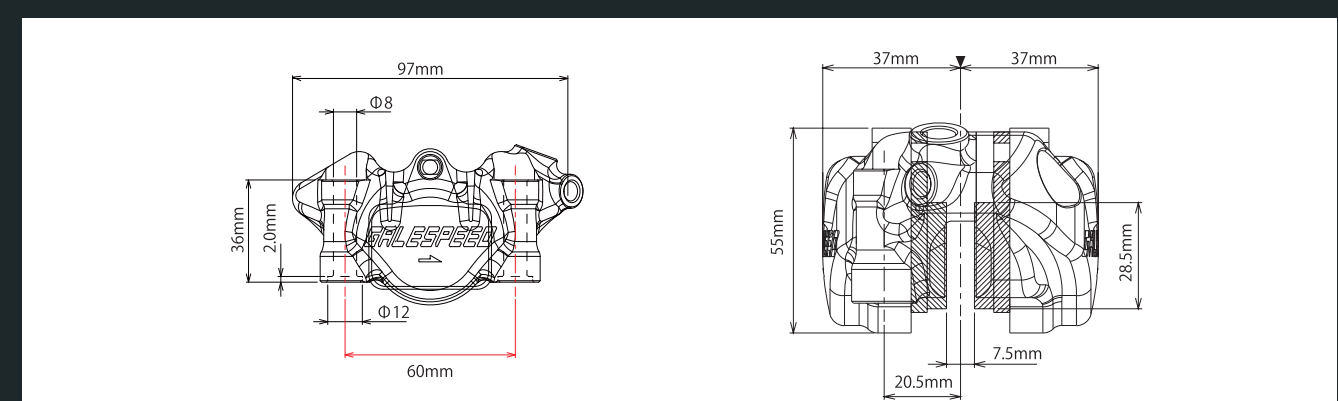
FASTENING BOLT	POSITION	WEIGHT
TITANIUM BOLT	RIGHT	900g
	LEFT	
SCM BOLT	RIGHT	920g
	LEFT	



FRONT CALIPER 2PISTON

- Piston size : $\Phi 34$ ■ Body : 2 Pieces (12 point connecting bolt)
- Material : Forged aluminum (6061) ■ Dustseal/Padspring : Include
- Banjo bolt thread size: M10 x P1.00
- Position : Radial (Pitch 60mm , Offset 20.5mm)
- Disc Diamenter : $\Phi 210 \sim \Phi 260$ (Disc thick : 4.0mm ~ 6.0mm)

FASTENING BOLT	POSITION	WEIGHT
TITANIUM BOLT	RIGHT	500g
	LEFT	
SCM BOLT	RIGHT	510g
	LEFT	





Elaborate REAR CALIPER



High performance • High rigidity • High quality Radial Mounted Rear Caliper

The concept is "High quality and elaborative forged aluminum caliper for street and sport riding. The beautiful quality appearance is completed by the high precision 3D machining.



High rigid design



Radiation fin



12 point connecting bolt
Selectable SCM bolts and titanium bolts



2 piston sizes
The abrasion-resistant piston by "Kashima Coat" hard anodizing



SCM(chrome molybdenum steel)bolt

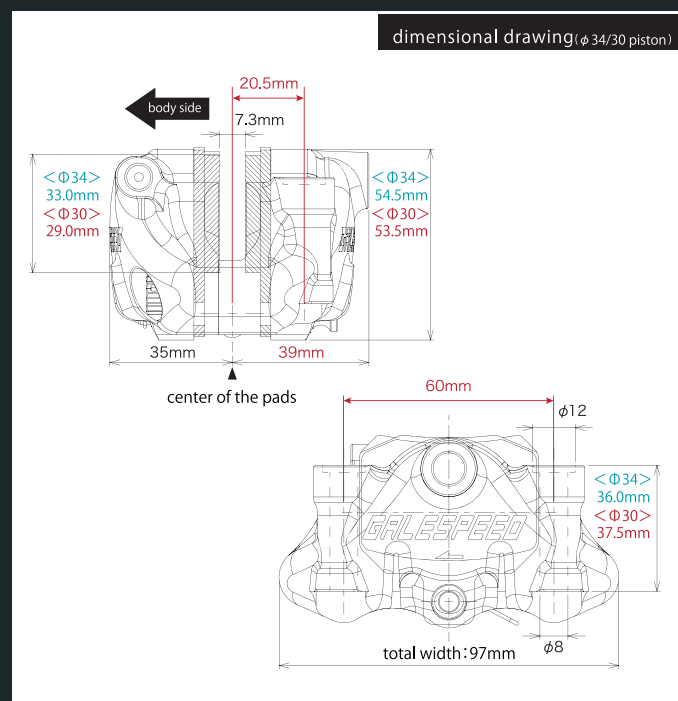


Titanium bolt

Rear Caliper Elaborate

- Piston size: $\phi 30$ or $\phi 34$
- Body: 2 Pieces (12 point connecting bolt)
- Material: Forged aluminum (6061)
- Finishing: Hard Anodized Black
- Built-in dust seal
- Position: Radial(Pitch 60mm)
- Mounting: Specific caliper bracket (Separated sold)
- Banjo bolt thread size: M10xP1.00

Detail	Piston sizes
Titanium bolt	$\phi 30$
	$\phi 34$
SCM bolt	$\phi 30$
	$\phi 34$



REAR CALIPER SUPPORT



[Specific model design] GALE SPEED Rear caliper support

Specific brackets for GALE SPEED rear caliper are suitably designed for specific motorcycle models. The radial mount position archives high rigidity.

Achieve a perfect balance between strength and lightness by machining A7075 Universal models

- Material: A7075
- Disc diameter: as OEM specs
- Finishing: Anodized Black
- ABS sensor hole



YZF-R1 15-17



Sample

LINE UP	Position	LINE UP	Position
CB1300SF 03-17 ※3	downside	ZRX1200 DAEG 09-16	downside
CBR1000RR 17		ZRX1200R 01-08	
XJR1300 00-15		ZRX1100 97-00	
YZF-R1 15-17 ※1		ZEPHYR1100 92-06 ※2	
GSX1300R 08-17 (ABS)		under development ZX-10R 17	
GSX-R1000/R 17-18		GPZ900R 90-03 ※2	
ZX-14R 12-19		Z900R/CAFE 18-19	

※1) incl.welding bracket and torque rod ※2) OEM wheels are not available due to the interference with the brake disc carrier.
※3) Material: A6061

[Universal designing] GALE SPEED Rear caliper support Universal

Universal brackets for GALE SPEED rear caliper are suitably installed for various motorcycle models. The radial mount position archives high rigidity. Disc rotor diameter can be changeable. Various motorcycles are applicable with the optional parts.

- Material: A7075
- Finishing: Anodized Black
- Caliper piston size: $\phi 30$ / $\phi 34$ in common

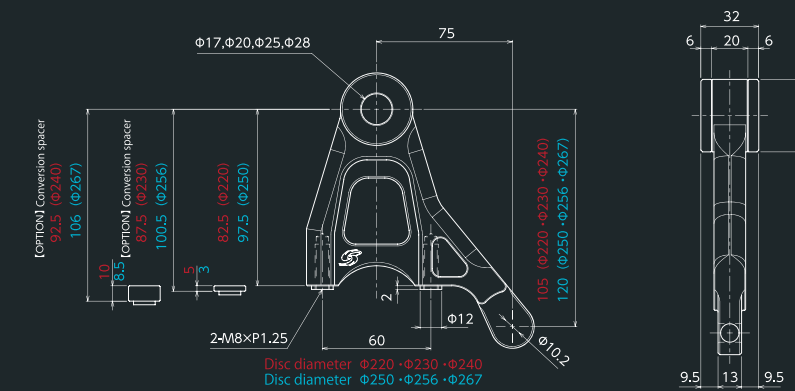


Disc diameter $\phi 250$



Disc diameter $\phi 220$

Disc diameter	Axle diameter
$\phi 250$	$\phi 17$
	$\phi 20$
	$\phi 25$
	$\phi 28$
$\phi 220$	$\phi 17$
	$\phi 25$
	$\phi 28$



Rear caliper bracket Universal OPTION PARTS



Disc diameter conversion spacer



Torque rod



Weld torque rod bracket

The Ultimate Brake Disc

Our GALE SPEED development team succeeded in achieving a "Ultimate brake disc" That was created using techniques and knowledge accumulated through GALE SPEED wheel and mastercylinder development. GALE SPEED brake discs are designed to fit exactly on each motorcycle model.

Specific design

GALE SPEED brake discs are designed to fit exactly on each motorcycle model to achieve the best "well-balanced" brake disc between the performance and the weight saving for each motorcycle model.

Thickness according to the motorcycle type

(Super sport)

We chose a 5.5 mm thickness for sportbikes that require huge braking power, such as for races and sport-riding. The discs combine the performance, light weight and stability. Pad contact surface: 32mm



(Naked bikes)

The standard for thickness of rotors that we developed for street users is 5.0mm



CROSS LOCK DISC ROTOR

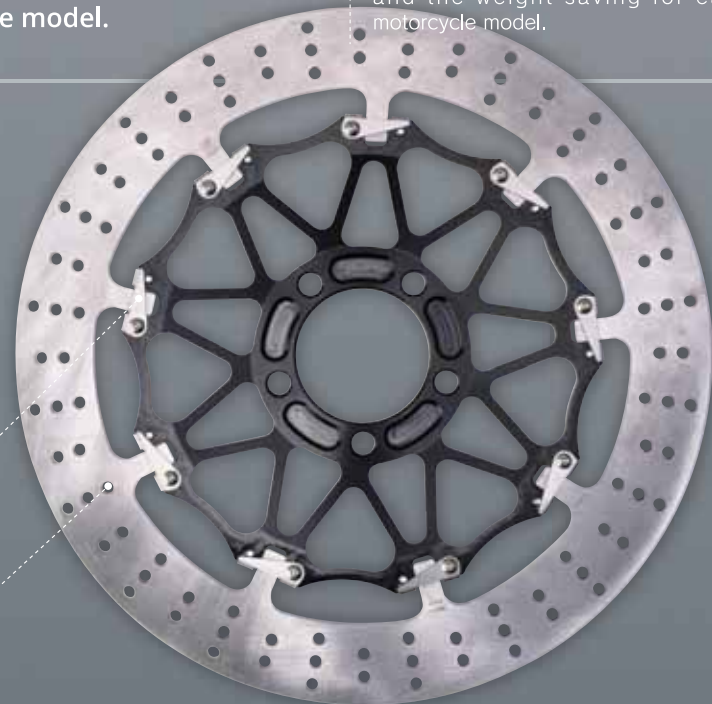
<Front>

Light weight inner disc

Fully CNC machined forged aluminum made inner disc lightened to the maximum, yet still high in stiffness.

Ventilation hole

Ventilation holes are drilled with a suitable diameter and in suitable places to achieve the best heat ventilation.



"Flat-insert" fix

The outer disc and inner disc are fixed vertically to reduce the backlash in rotation direction and to absorb the heat expansion.



"Dual-bite" clip

GALE SPEED original "Dual-bite" clip reduces the backlash in axial direction. The stainless clips are abrasion resistant and secure, due to being bolted from either side.

MONO FLOATING DISC ROTOR

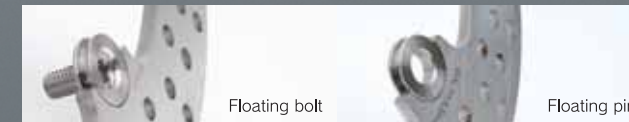
<Rear>

Based on floating rear brake disc which is oftenly seen in race scenes, we have developed our original rear brake disc without an inner disc. We adopted the floating pin for fixing on the rear wheel, and achieved great heat ventilation.



Floating bolt & pin (Rear)

We adopted the floating pin for fixing on the rear wheel, and achieved great heat ventilation.



LINE UP

(φ = rotor dia./ T = Thickness)

CROSS LOCK DISC ROTOR (Front/L-R)

[HONDA]	■ CB1300SB·ABS 14-18 φ 310 T=5.0	■ GSX-R1000/R 17 φ 320 T=5.5
	■ CB1300SF·ABS 05-18/03-04 φ 310 T=5.0	■ GSX-R1000 09-14 φ 310 T=5.5
	■ CBR1000RR·ABS 08-16 φ 320 T=5.5	■ GSX-R600 08-14 φ 310 T=5.5
	■ CBR600RR·ABS 03-16 φ 310 T=5.0	[Kawasaki]
		■ ZX-14R·ABS 12-19 φ 310 T=5.5
[YAMAHA]	■ XJR1300 00-15 φ 320 T=5.0	■ ZZR1200 φ 320 T=5.0
	■ XJR1300 98-99 φ 320 T=5.0	■ ZX-12R 00-03 φ 320 T=5.0
	■ XJR1200 94-97 φ 320 T=5.0	■ ZRX1200 DAEG φ 310 T=5.0
	■ YZF-R1/R1M·ABS 15-17 φ 320 T=5.5	■ ZRX1200 01-08 φ 310 T=5.0
	■ YZF-R1 07-14 φ 310 T=5.5	■ ZZR1100D φ 320 T=5.0
	■ YZF-R6 17 φ 320 T=5.5	■ ZRX1100 φ 310 T=5.0
	■ YZF-R6 08-16 φ 310 T=5.5	■ ZEPHYR1100 φ 310 T=5.0
	■ YZF-R25·ABS 15-19 φ 298 T=4.5	■ ZX-10R 16-19 φ 330 T=5.5
[SUZUKI]	■ B-KING·ABS 08-12 φ 310 T=5.5	■ ZX-10R·ABS 11-15/08-10 φ 310 T=5.0
	■ GSX1300R·ABS 08-17 φ 310 T=5.5	■ Z1000Mk II 79-80 φ 320 T=5.0
	■ GSX1300R 99-07 φ 320 T=5.0	■ Z900RS 18-19 φ 320 T=5.0
	■ GSX-R1100 86-88 φ 310 T=5.0	■ ZX-6R 19 φ 330 T=5.5
	■ GSX1100S(NON-FE) φ 320 T=5.0	■ Ninja400/250 18-19 φ 310 T=5.0
	■ KATANA 19 φ 310 T=5.0	■ Ninja250·ABS 13-15 φ 290 T=4.5
	■ GSX-S1000/F 15-19 φ 310 T=5.0	[BMW]
		■ HP4·ABS 12-14 φ 320 T=5.5

LINE UP

(φ = rotor dia./ T = Thickness)

MONO FLOATING DISC ROTOR (Rear)

[HONDA]	■ CB1300SF·ABS 05-18/03-04 φ 256 T=5.0	■ ZXR1400 06-11 φ 250 T=5.0
	■ CBR1000RR·ABS 09-16/04-08 φ 220 T=5.0	■ ZZR1200 φ 250 T=5.0
	■ CBR600RR·ABS 03-16 φ 220 T=5.0	■ ZRX1200 DAEG 09-16 φ 250 T=5.0
[YAMAHA]	■ XJR1300/1200 ALL φ 267 T=5.0	■ ZRX1200 97-08 φ 250 T=5.0
	■ YZF-R1 04-17 φ 220 T=5.0	■ ZEPHYR1100/RS φ 240 T=5.0
	■ YZF-R6 03-17 φ 220 T=5.0	■ ZZR1100D φ 250 T=5.0
	■ YZF-R25·ABS 15-19 φ 250 T=4.5	■ ZZR1100C φ 250 T=5.0
[SUZUKI]	■ GSX1300R·ABS 08-17 φ 260 T=5.0	■ ZRX1100 φ 250 T=5.0
	■ GSX1300R 99-07 φ 240 T=5.0	■ ZX-10R·ABS 11-19 φ 220 T=5.0
	■ GSX-R1100 86-88 φ 220 T=5.0	■ ZX-10R 04-10 φ 220 T=5.0
	■ KATANA 19 φ 250 T=5.0	■ Z1000Mk II 79-80 φ 250 T=5.0
	■ GSX-S1000/F 15-19 φ 250 T=5.0	■ Z900RS 18-19 φ 250 T=5.0
	■ GSX-R1000/R 17-18 φ 220 T=5.0	■ GPZ900R A7- φ 250 T=5.0
	■ GSX-R1000 01-14 φ 220 T=5.0	■ ZEPHYR750/RS φ 230 T=5.0
	■ GSX-R600 08-14 φ 220 T=5.0	■ ZX-6R 19 φ 220 T=5.0
		■ Ninja400/250 18-19 φ 220 T=5.0

[Kawasaki]	■ ZX-14R·ABS 12-19 φ 250 T=5.0
	■ ZZR1400 06-11 φ 250 T=5.0
	■ ZZR1200 φ 250 T=5.0
	■ ZRX1200 DAEG 09-16 φ 250 T=5.0
	■ ZRX1200 97-08 φ 250 T=5.0
	■ ZEPHYR1100/RS φ 240 T=5.0
	■ ZZR1100D φ 250 T=5.0
	■ ZZR1100C φ 250 T=5.0
	■ ZRX1100 φ 250 T=5.0
	■ ZX-10R·ABS 11-19 φ 220 T=5.0
	■ ZX-10R 04-10 φ 220 T=5.0
	■ Z1000Mk II 79-80 φ 250 T=5.0
	■ Z900RS 18-19 φ 250 T=5.0
	■ GPZ900R A7- φ 250 T=5.0
	■ ZEPHYR750/RS φ 230 T=5.0
	■ ZX-6R 19 φ 220 T=5.0
	■ Ninja400/250 18-19 φ 220 T=5.0



Small diameter pulsar ring kit (for HP4 wheel)

GALE SPEED pulsar ring dia. φ 145.2

In case HP4 wheels are mounted on S1000RR 10-17, This smaller pulsarring makes the style more sporty than the standard HP4's.

MASTER CYLINDER Elaborate VRE/RE



ELABORATE

φ19

φ17.5

φ16

φ14

Extra Beauty

After launching our very first and fully in-house developed mastercylinders, we have refined its quality and performance and are now proudly introducing a new mastercylinder named "Elaborate" which represents ultimate quality and performance. Its aspect and performance will satisfy every rider who is always looking for the "best".



- ELABORATE VRE SERIES**
Variable Ratio Elaborate
- Aluminum forged body
 - Full CNC machining
 - Power lever blade
 - Folding lever blade
 - Radial-pump
 - Variable Ratio Control



- ELABORATE RE SERIES**
Racing Elaborate
- Aluminum forged body
 - Full CNC machining
 - Power lever blade
 - Folding lever blade
 - Radial-pump



Full CNC machined aluminum cylinder body

All machining procedures are done in-house, and its production capacity is only 2 pieces per a day. The cylinder body is made using 3-dimensional machining, and a light weight with high stiffness.



Handlebar clamp

The handlebar clamp is fixed with 2 titanium bolt with flange. With such features, brake lever input is transferred into the master cylinder directly.



Stepped shape

The inside of the clamp has a step to direct more clamping force into the handlebar

ELABORATE

VRE SERIES

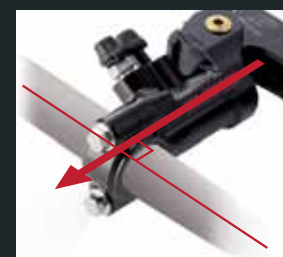
Variable Ratio Elaborate

The grand Full Spec Master Cylinders are made using 3-dimensional machining from aluminium blanks. With the fine control of lever touch, each rider can achieve the feeling of an ideal brake.



Variable Ratio Control

GALE SPEED original lever ratio control can adjust the lever ratio (from Point of Support to Point of Load) in 0.25mm per step, total 2mm at maximum. The lever ratio become larger to A, the lever push feeling will be hard. The lever ratio become smaller to B, the lever push feeling will be soft.



Radial-pump

Push rod and master cylinder The are lined and placed 90 degrees against handlebar, which gives you a more direct brake feeling and fine braking.



Power lever blade

Power lever blade [standard & short length selectable] (straight lever blade for clutch mastercylinders) With improved lever blade shape and gripping area, better grip control with less fripping power can be achieved.



Folding lever blade

When the bike is toppled over, the lever blade is folded for less damage on the mastercylinder.

- Brake/Clutch
Lever blade length : Standard / Short
φ 19x20-18mm/φ 19x18-16mm(brake only)/
φ 17.5x18-16mm/φ 16x18-16mm/φ 14x18-16mm
Handlebar clamp : Standard / Rear-view mirror(CW & CCW) / Reservoir

ELABORATE

RE SERIES

Racing Elaborate

The Grand standard Spec Master Cylinders are made using 3-dimensional machining from aluminum blanks. A direct operational feeling is achieved by thoroughly pursuing the function for the radial master cylinder



A conventional and pure racing master cylinder without lever ratio adjustment.

- Brake/Clutch
Lever blade length : Standard / Short
φ 19x19mm/φ 19x17mm(brake only)/φ 17.5x17mm/φ 16x17mm/φ 14x17mm
Handlebar clamp : Standard / Rear-view mirror(CW & CCW) / Reservoir

Handlebar Clamp shape

3-different types of handlebar Clamps are available

Brake line banjo bolt thread size : M10xP1.00



Standard



Rear-view mirror(CW & CCW)
Thread size : M10xP1.25



Reservoir
Thread size : M6xP1.00



Exhaustive pursuit of Radial mastercylinder function

A completely original GALE SPEED brake system! We designed a line-up consisting of two types, "VRC Series/Variable lever Ratio Control" and "RM Series/Standard Spec," compatible with an extensive riding scene from circuit to street.



VRC SERIES Variable Ratio Control

- Aluminum forged body
- Quick release clamp
- Power lever blade
- Folding lever blade
- Radial-pump
- Variable Ratio Control



RM SERIES Racing Master

- Aluminum forged body
- Quick release clamp
- Power lever blade
- Folding lever blade
- Radial-pump



KAWASAKI Ninja1000 / VRC Brake



HARLEY DAVIDSON DYNA / VRC Clutch(1inch clamp)

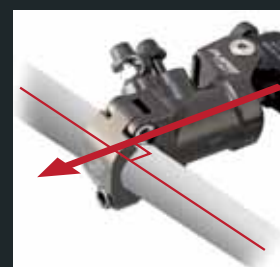
VRC SERIES Variable Ratio Control

This is the high spec master cylinder has all necessary functions.



Variable Ratio Control

GALE SPEED original lever ratio control can adjust the lever ratio (from Point of Support to Point of Load) in 0.25mm per step, total 2mm at maximum. The lever ratio become larger to A, the lever push feeling will be hard. The lever ratio become smaller to B, the lever push feeling will be soft.



Radial-pump

Push rod and mastercylinder is lined and placed in 90 degrees against handlebar, which gives you more direct brake feeling and fine braking.



Power lever blade

Power lever blade [standard & short length selectable] (straight lever blade for clutch mastercylinders)

By improved the lever blade shape and gripping area, it achieved better grip control with less gripping power.



Safety function

By loosening just one bolt, mastercylinder can be detached from handlebar. Quick exchange is available at race scenes. When the bike is toppled over, the lever blade is folded for less damage on the mastercylinder.

Brake/Clutch

- Lever blade length : Standard / Short
- Φ 19x20-18mm/Φ 19x18-16mm(brake only)/
- Φ 17.5x18-16mm/Φ 16x18-16mm/Φ 14x18-16mm
- Handlebar clamp : Standard / Rear-view mirror(CW & CCW) / Reservoir

RM SERIES Racing Master

A pure racing master cylinder with lever ratio adjustment removed from the Full Spec Master Cylinder VRC Series. And it gives you direct operational feeling.



No loading Variable Ratio Control

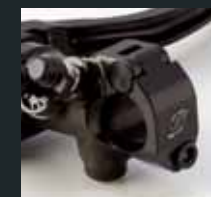
Brake/Clutch

- Lever blade length : Standard / Short
- Φ 19x19mm/Φ 19x17mm(brake only)/Φ 17.5x17mm/
- Φ 16x17mm/Φ 14x17mm
- Handlebar clamp : Standard / Rear-view mirror(CW & CCW) / Reservoir

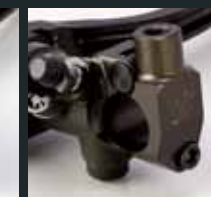
Handlebar Clamp shape

Handlebar Clamp 3 different types are available.

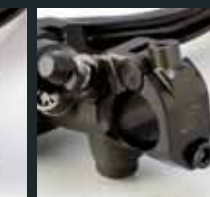
Brake line banjo bolt thread size : M10xP1.00



Standard



Rear-view mirror(CW & CCW)
Thread size : M10xP1.25



Reservoir
Thread size : M6xP1.00

1" (25.4mm) Handlebar Mastercylinder

VRC, RM master cylinder gives ideal brake feeling to cruiser bikes as typified by Harley Davidson.

- Lever blade : Straight
- VRC Φ 19x18-16mm/RM Φ 19x17mm
- Handlebar Clamp : Rear-view mirror(CW)

MASTER CYLINDER ALL LINE UP



Elaborate VRE series	Handlebar dia.	Type	Cylinder dia.	Point of Support - Point of Load	Lever length	Handlebar clamp		
	φ 22.2	Brake		φ 19	20-18mm	Standard or Short	<ul style="list-style-type: none"> •Standard •Reservoir tank •Rear-view mirror Brake : CW & CCW Clutch : CW 	
				18-16mm				
				φ 17.5	18-16mm			
				φ 16	18-16mm			
		Left Brake		φ 14	18-16mm			
				Clutch	φ 19			20-18mm
					φ 17.5			18-16mm
				φ 16	18-16mm			

Elaborate RE series	Handlebar dia.	Type	Cylinder dia.	Point of Support - Point of Load	Lever length	Handlebar clamp		
	φ 22.2	Brake		φ 19	19mm	Standard or Short	<ul style="list-style-type: none"> •Standard •Reservoir tank •Rear-view mirror Brake : CW & CCW Clutch : CW 	
				17mm				
				φ 17.5	17mm			
				φ 16	17mm			
		Left Brake		φ 14	17mm			
				Clutch	φ 19			19mm
					φ 17.5			17mm
				φ 16	17mm			

VRC series	Handlebar dia.	Type	Cylinder dia.	Point of Support - Point of Load	Lever length	Handlebar clamp		
	φ 22.2	Brake		φ 19	20-18mm	Standard or Short	<ul style="list-style-type: none"> •Standard •Reservoir tank •Rear-view mirror Brake : CW & CCW Clutch : CW 	
				18-16mm				
				φ 17.5	18-16mm			
				φ 16	18-16mm			
		Left Brake		φ 14	18-16mm			
				Clutch	φ 19			20-18mm
					φ 17.5			18-16mm
				φ 16	18-16mm			
	φ 25.4 (1inch)	Brake		φ 19	18-16mm	Straight	Rear-view mirror	
Clutch			φ 19	18-16mm				

RM series	Handlebar dia.	Type	Cylinder dia.	Point of Support - Point of Load	Lever length	Handlebar clamp		
	φ 22.2	Brake		φ 19	19mm	Standard or Short	<ul style="list-style-type: none"> •Standard •Reservoir tank •Rear-view mirror Brake : CW & CCW Clutch : CW 	
				17mm				
				φ 17.5	17mm			
				φ 16	17mm			
		Left Brake		φ 14	17mm			
				Clutch	φ 19			19mm
					φ 17.5			17mm
				φ 16	17mm			
	φ 25.4 (1inch)	Brake		φ 19	17mm	Straight	Rear-view mirror	
Clutch			φ 19	17mm				

2 lever length, 4 clamp types.

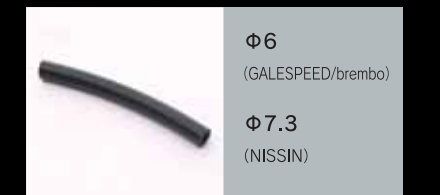
MASTER CYLINDER OPTION PARTS



Fluid reservoir tank



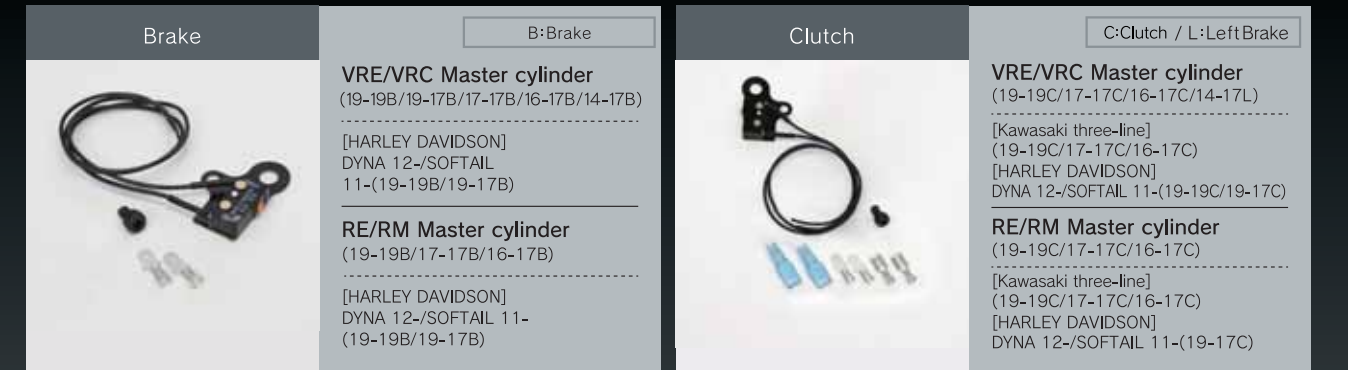
Reservoir hose 10cm / 30cm



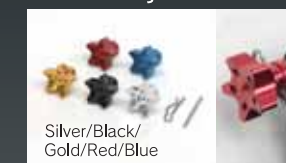
Reservoir bracket



Switch kit



Lever adjuster dial



The star-shaped dial allows improvement of appearance and smooth adjustment. It can be adjusted with only a little strength using a gloved hand.

Remote adjust cable & Bracket



Remove the adjustment knob of the billet lever and install it on the lever. This will enable you to adjust the lever position, which is changed by a brake fade with your left hand while riding.

Titanium pin



The built-in small bearings improve the lever durability and operability.

Gold pivot pin



Strong presence and premium feel.

THUMB BRAKE



RACE USE ONLY



Rear brake operated with left thumb.

Enables the rear brake operation when the foot brake cannot be used in the deep bank on the right side. Delivers delicate controls that are difficult for feet, such as traction control, grip recovery, and stable behavior

CAUTION Review the dimensions below and the status of each unit before considering. This product can't answer questions about the installation of each model.

DETAIL



OPTION

FORK CLAMP $\Phi 50$



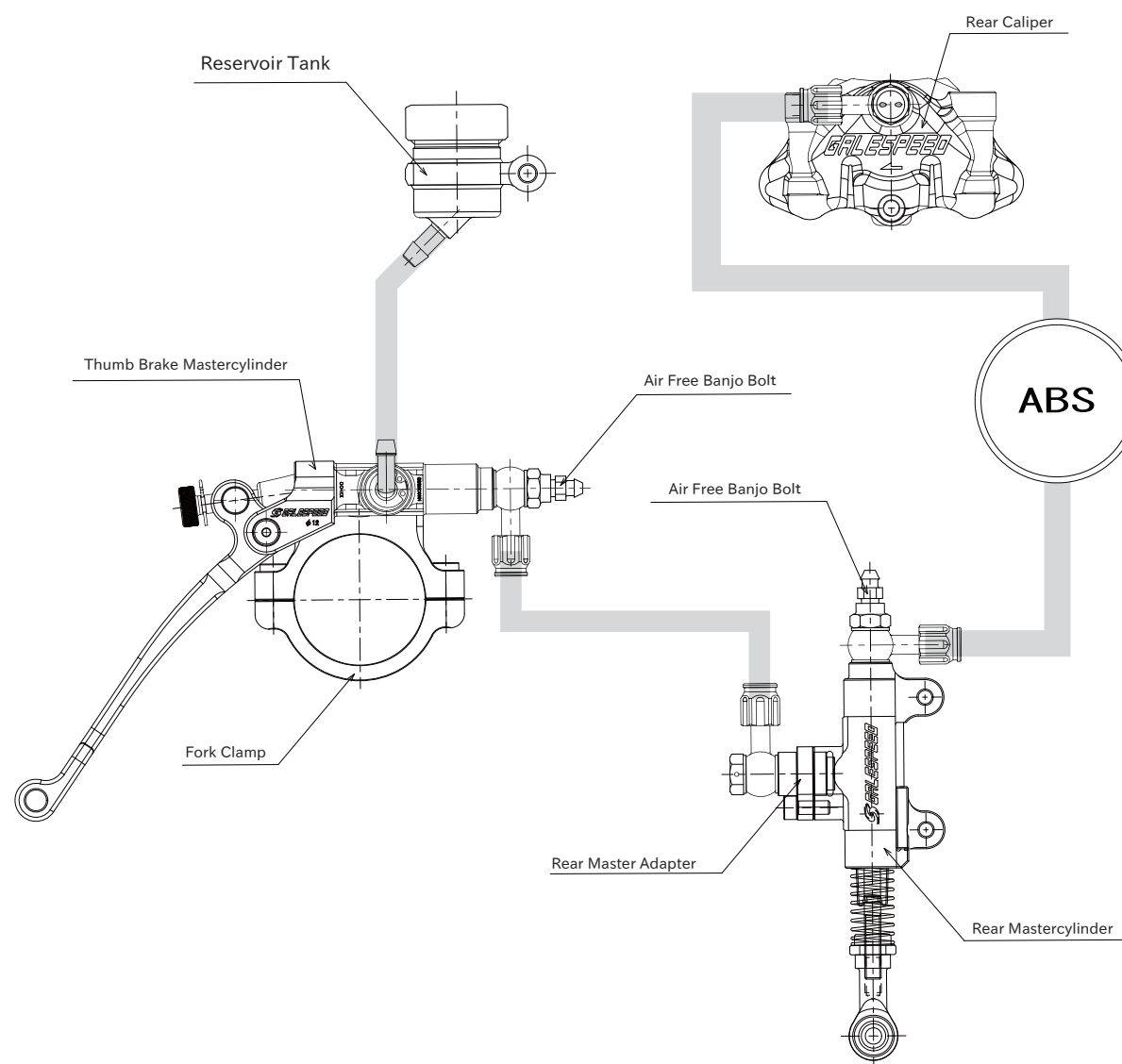
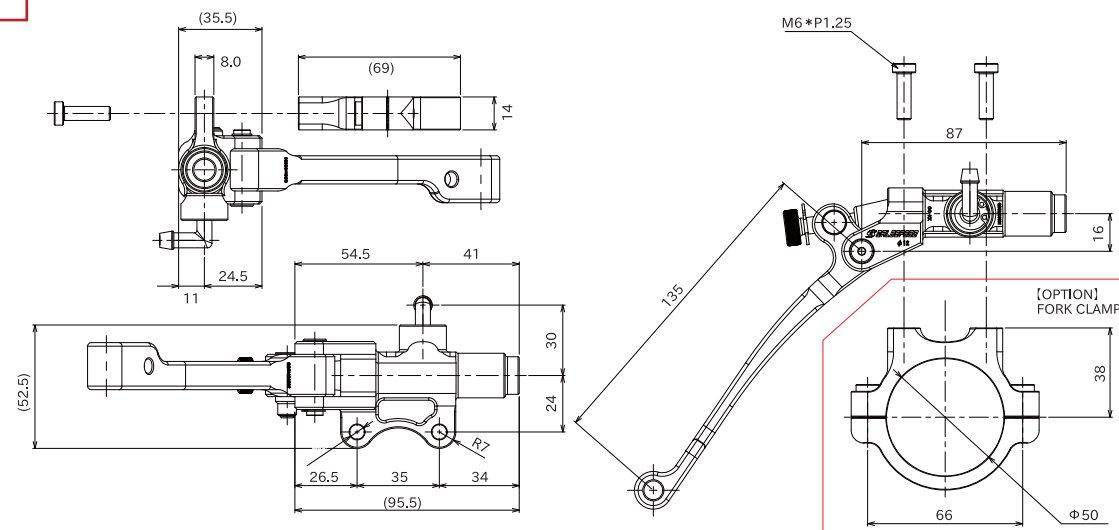
REAR MASTER ADAPTER



[COLOR] BROWN

BODY	MATERIAL	CNC ALUMINUM (A6061)
	TOP	HARD ANODIZED
LEVER	MATERIAL	ALUMINUM (A6061)
	TOP	BLACK ANODIZED
PISTON	SCALE/RATIO	135mm/17mm
	MATERIAL	ALUMINUM (A6061)
	TOP	HARD ANODIZED
	PISTON DIAMETER	$\Phi 12$
	BUSH LOT/PIVOT	SCM435
	ATTACHMENT	$\Phi 6 \times 2$ Pitch 35mm
	WEIGHT	180g

SIZE



REAR MASTER CYLINDER



Controllable feeling for Rear Master cylinder.

The brake feeling would be hard and not effective by the ratio, in case opposed 2 piston rear caliper(Piston $\Phi 32 \cdot \Phi 34$) is installed. GALE SPEED rear master cylinder has $\Phi 12$ piston and is developed to fit on the lever ratio of standard racing steps. Rear brake system achieves more delicate and controllable touch.



$\Phi 12$ piston



A6061 forged body



2types return spring



90° nipple ($\Phi 7.8/\Phi 9$)



Black

Brown

Rear master cylinder $\Phi 12$

Piston size : $\Phi 12$

Material : A6061-T6

Processing : Forged aluminum /3D machining

Finishing : Anodized Black/ Anodized Brown

Attachment bolt : M6

Reservoir tank : Separated

Fluid nipple(attached) : $\Phi 7.8/\Phi 9(90^\circ)$

Return spring(attached) : Black(soft)/Red(hard)

Rod·Rod end : M6/M8

Spacer(attached) : M8→M6 conversion spacer

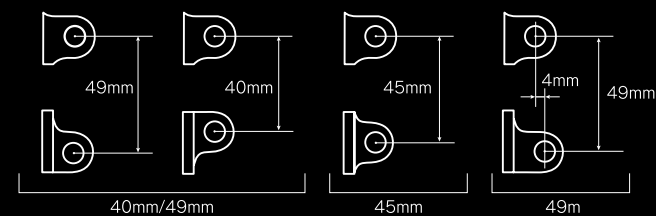
Caliper : Piston dia. $\Phi 32/\Phi 34$ opposed 2 piston

Color	Rod/Rod end	Mounting pitch	Color	Rod/Rod end	Mounting pitch
Black	M6	40/49mm	Brown	M6	40/49mm
		45mm			45mm
		49mm (OFFSET 4mm)			49mm (OFFSET 4mm)
	M8	40/49mm		M8	40/49mm
		45mm			45mm
		49mm (OFFSET 4mm)			49mm (OFFSET 4mm)

49mm (OFFSET 4mm) : 4mm Outward and sideways from Rear master cylinder



various mounting pitch



REAR MASTER CYLINDER OPTION PARTS



Aluminum machined reservoir tank The reservoir tank for GALE SPEED rear master cylinder.



90°
(Black/Brown)

Installation model



45°
(Black/Brown)

Installation model



135°
(Black/Brown)

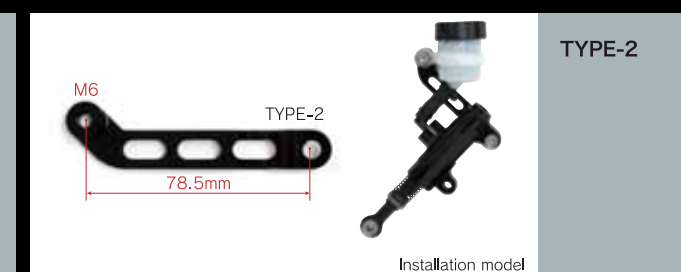
Installation model

Reservoir tank Bracket



TYPE-1

Installation model



TYPE-2

Installation model

Extension Push rod (M6/M8)



M6
(+8mm)

M8
(+10mm)



Rod End Knuckle Joint (M6/M8)



M6

M8



Rod End Nut Joint (M6/M8)



Short offset

Long offset

M6

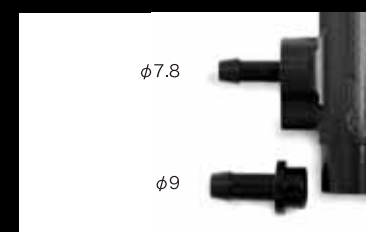
M8

M6

M8



Straight nipple



$\Phi 7.8$

$\Phi 9$

$\Phi 7.8/\Phi 9$

For reservoir tank bracket TYPE-1

Fluid reservoir tank



White

Smoke

15ml

White (15ml) / Smoke (15ml)

REPAIR PARTS

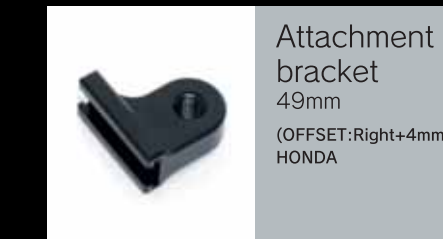


Attachment bracket
40/49mm

interchangeable 40mm and 49mm pitch by switching upside down



Attachment bracket
45mm
SUZUKI



Attachment bracket
49mm
(OFFSET:Right+4mm)
HONDA

WIRE CLUTCH PERCH KIT



The high spec wire clutch perch installs any adjust functions to give smoother clutch operation and the best feeling. It provide the feeling as custom-made by the adjustments.

We achieved perfect feeling for each rider by the lever ratio and the range adjuster.

The high-spec wire clutch perch with adjusting functions gives you smoother clutch operation and best feelings. Adjusting functions will provide you with your own the custom-made touch.



Lever ratio adjuster
Interchangeable variable drum holders give you 2 different lever ratio options (28/30mm or 32/34mm).



Lever travel adjustment
15-step adjustment range available by clicking the adjust dial.



Mechanical switch
Genuine quality standard switch pre-fixed. For Supersport bikes, just plug in the original terminal.



Lightening lever
Hollow shape for light weight. Standard/Short lever length



Lever pivot
Built-in bearing achieves smooth movement.



Clutch wire adjust dial
Wire freeplay can be adjusted even with wearing riding gloves.



Folding lever blade
When the bike is toppled over, the lever blade is folded for less damage to the mastercylinder.



Elaborate
Full CNC machined aluminum cylinder body. The body achieves light weight and downsizing yet high stiffness.

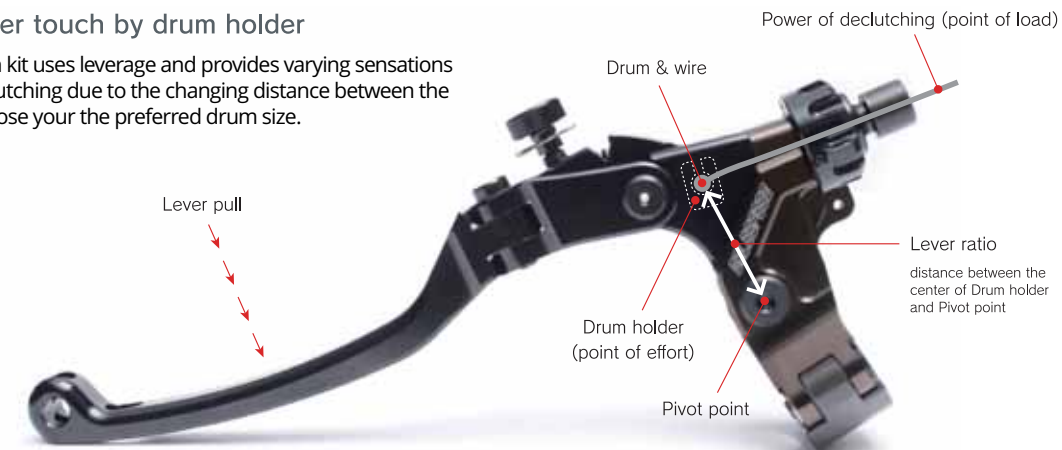


Handlebar clamp shape (Elaborate)
Handlebar clamp is fixed with 2 titanium bolt with flange.



Changeable lever touch by drum holder

The wire clutch perch kit uses leverage and provides varying sensations of lightness and declutching due to the changing distance between the drum and pivot. Choose your the preferred drum size.



2 sizes drums are included in 1 perch kit

- 28/30mm ratio has 28mm and 30mm drum holders
- 32/34mm ratio has 32mm and 34mm drum holders



<Distance to pivot point>

Far
Far, short stroke and sharp declutching

Near
Near, long stroke and light feeling

For choosing optimum lever ratio

Choose the ratio based on standard lever ratio for the balance of operation and declutching. For more information ask us or our distributors.

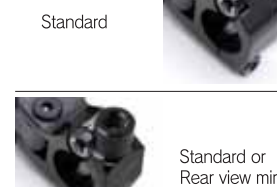
The unified design

The wire clutch perch kits are designed in same identity with GALE SPEED master cylinders.



LINE UP

	Lever ratio	Color	Lever length	Clamp
UNIVERSAL	32/34mm	Black or Brown or Elaborate	Standard or Short	Standard or Rear view mirror
	28/30mm			
BMW S1000RR 10-17	28/30mm	Black or Brown or Elaborate	Standard or Short	Standard



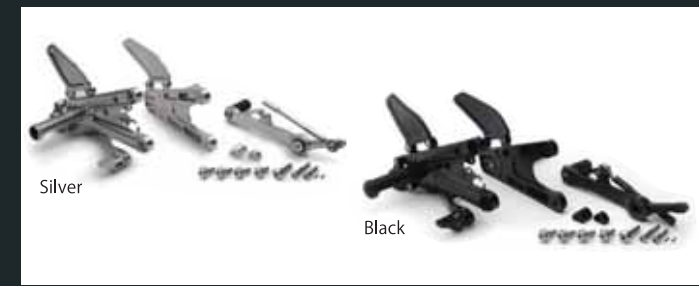
OPTION PARTS



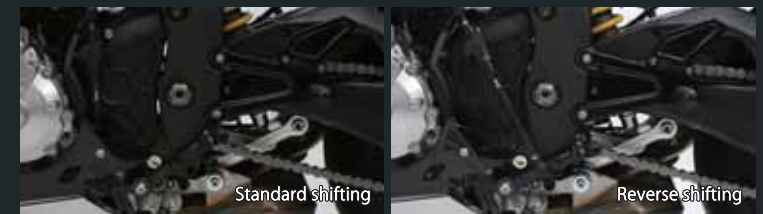
Gold coating pivot pin
Strong presence and premium feel.



Lever adjuster dial
The star-shaped dial allows improvement of appearance and smooth adjustment. It can be adjusted with only a little strongt using a glored hand



- Foot Control Kit**
- Specially designed for each model
 - Material: Aluminum(6061/7075)
 - Processing: Full 3D CNC Machining
 - Color: Silver/Black (Anodized finish)
 - Compatible with ABS
 - Compatible with reverse shifting
 - Normal switch relocation



※The extension (10mm/20mm) is attached for the shift pedal

For smooth pedal operation

Various advantages on the street from the considered design for races.
 Perfect symbiosis of comfortable riding on street and curcuit by minimal change from normal position.
 High operation performance by the lean manufacturing design.



The pedal pivot is placed behind for improvement of operability.



Rubber sealed baring on the shift pedal



Adjustable position by the extension



Dry bearing at the joint



Separated pedals and foot pegs for accidents



Reduced deflection by the minimum offset



Anti slip shape on the foot pegs (Folding tip)



You can adjustable best position

LINE UP



CBR1000RR SP/SP2 17



YZF-R1 15-17



Z900RS/CAFE 18-19

MODELS	BACK	UP
CBR1000RR SP 17-19 SP217-18	13mm	30mm 42mm
	25mm	30mm 42mm
CBR1000RR 14-19	13mm	30mm 42mm
	25mm	30mm 42mm
CBR1000RR 08-13	23mm	30mm 42mm
	35mm	30mm 42mm

MODELS	BACK	UP
YZF-R1 15-19	10mm	20mm 32mm
	22mm	20mm 32mm
YZF-R6 17	10mm	20mm 32mm
	22mm	20mm 32mm
GSX-R1000R 17	10mm	20mm 32mm
	22mm	20mm 32mm

MODELS	BACK	UP
ZRX1200 DAEG 09-16	15mm	0mm
	37mm	20mm
Z900RS/CAFE 18-19	47mm	30mm
	23mm	33mm 45mm
		35mm

MODELS	BACK	UP
KATANA 19	8mm	10mm 22mm
	19mm	13mm 25mm

T

BILLET LEVER RS2

ACTIVE
Rev and Ride It!

Evolving High-end model with professional riders

The brake's high performance has been recognized by many teams and riders in Moto2, MOTO AMERICA, MFJALL JAPAN, ROAD RACE CHAMPIONSHIP and FIM ASIA ROAD RACING CHAMPION, We thoroughly pursue great performance



Feedback from race scenes

The lever shape has been upgraded following feedback from super sport riders that the "lever feels to be too far". We have been developing quickly from feedback of our riders all around the world.

A passion for material

Extra super duralumin A7075 is used for the body and A6061 is used for the lever blade. We manufacture the top aluminum material in our plant.

Folding lever

The Folding lever blade reduces the damage to the mastercylinder when tipping over. Also, the damage to the lever blade is reduced.

Wiring hole

The lever has a wiring hole to avoid dropping off the pivot pin during 200km/h races.



Adjustable lever position

The adjust dial has adopted the one piece mechanics of high pressure ball plungers for the feeling of a direct click.

OPTION PARTS

Remote adjust cable & bracket

This will enable you to adjust the lever position, which is changed by a brake fade with your left hand while riding.



Remote adjust cable V1

Remote adjust cable V2



Cable bracket (straight)

Cable bracket (offset)

YZF-R1/M

Lever adjuster dial



The star-shaped dial allows improvement of appearance and smooth adjustment. It can be adjusted with only a little strength using a gloved hand.

LINE UP

Brake / Color : Black

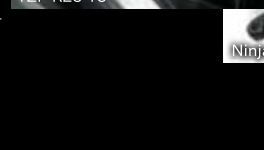
HONDA	CBR250RR 17 lever length: standard
YAMAHA	YZF-R1/YZF-R1M 15-19 lever length: standard / short
	YZF-R6 17-18/05-16 lever length: standard / short
	YZF-R3 15-19/MT-03 16-19 lever length: standard
	YZF-R25(ABS)15-19 MT-25 16-19 lever length: standard
KAWASAKI	Ninja250 13-18 lever length: standard
	Ninja250R 08-12 lever length: standard



CBR250RR 17



YZF-R1 15



Ninja250 13

U

STF LEVER

ACTIVE
Rev and Ride It!

R-shaped lever incorporating know-how fed back from the race.

STF lever has improved ACTIVE billet lever use for races. As the quality of the holder is high, there is no waste in pulling the lever so you can concentrate on riding.



Adjustable function



The brake and hydraulic clutch lever position can be finely adjusted by dial operation (1 click 1.75mm operation / 250cc)

Clutch lever adjust



The lever position is smoothly adjustable by tightening and loosening the thread screw.

Folding lever



The tip of the lever can fold to absorb crash impact and reduce damage to the cylinder and lever holder

Hole processing



Specially designed to reduce the wind pressure in riding.

Lightweight processing



Lightweight and solid by machining sturdy materials.

Repair parts



A damaged lever can be replaced in case of a crash.

LINE UP

[B]...Brake [C]...Clutch

HONDA	CB1300SF/SB 14-19 [B/C] CB1100 14-19/EX 14-17/RS 17 [B/C] NC750S/X 14-19 [B/C] X-ADV 17-19 [B(FRONT)] CB650R/CBR650R 19 [B/C] CB650F 17/CBR650F 14-17[B] Rebel500 17-20 [B/C] CB500 94 [B/C] CB400SF/SB 18-19 [B]/99-17 [C] CBR400R 13-15 [B] CB400F 13 [B] 400X 13-15 [B]	Rebel250 17-20 [B/C] CBR250RR 17-19 [B/C] CBR250R 11-17 [B]/13-17 [C] CB250R 18-19 [B] CB250F 15-17 [B/C] CB125R 18 [B/C] GROM 13-18 [B/C] MONKEY125 19 [B/C] Super Cub C125 19 [B]	YAMAHA	MT-09 14-20[B/C] XSR700 18-20 [B/C] TRACER900 18-20/GT 19-20 [B/C] MT-10 17-19/SP 17 [B] NIKEN 18-20/GT 19-20[B] XSR900 16-17[B/C]	MT-07 14-20 [B/C] XSR700 18-20 [B/C] YZF-R3 15-20 [B/C] MT-03 15-20 [B/C] YZF-R25 15-20 [B/C] MT-25 15-20 [B/C]
SUZUKI	GSX1300R 08-09/14-17 [B] GSX1300R 08-12/14-17 [C]	GSX250R 17-20 [B/C]	KAWASAKI	ZRX1200 DAEG 09-16 [B/C] ZRX1200R 04-08 [B]/01-08 [C] Ninja400 18-20 [B/C]	Ninja250 13-20 [B/C] Ninja250R 08-12 [B] Ninja250SL 15-16 [B/C]

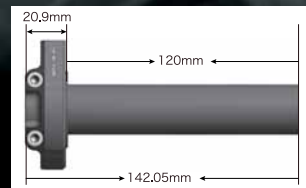


ACTIVE THROTTLE KIT "EVO2"



Easy to maintain and fluent throttle

From the feedback from the race teams all over the world, Active Throttle Kit EVO has achieved drastic EVOLution. We have re-worked each moving part to produce less friction. The time you need for installation has improved without reducing maintainability.



Thin and compact.

Holder is thinner than the previous model. The thickness is designed to be 20.9mm and a 120mm grip is applicable.

A7075-T6 / Anodized. *For 22.2mm handle.

10 types of bracket size.

When the bracket and pipe is separated into different pieces. It will allow you to change the bracket without removing the grip from the pipe.



Bracket size



Designed for specific models.

The shape of the inner pipe and bracket has changed from hexagon to pentagon. The pentagonal shape release the stress decentrally.

2pcs of suitable bracket for specific application is included. Universal kit is for the model with no fitment data.



LINE UP

[HONDA]
CBR1000RR 04-13 / ABS 09-13
CBR600RR 05-13 / ABS 09-13
CBR250R / ABS 11-13
GROM 13-18 / MONKEY 125 18-19

[YAMAHA]
YZF-R1 / ABS 15-19 / 09-14
YZF-R6 17-19 / 06-16
YZF-R3 15-20 / YZF-R25 / ABS 15-20

[SUZUKI]
GSX-R1000 / ABS 17-18 / 09-16
GSX-R1000R 17-18 / GSX-R750 11-14
GSX-R600 11-14 / GSX-R125 18-19

[Kawasaki]
ZX-14R 12-15 / ZZR1400 08-11
ZX-10R 16-19 / RR 17-19 / ZX-10R 11-15
ZX-6R 636 13-19 / ZX-6R 09-12
Ninja400 / ABS 18-19
Ninja250 / ABS 18-19 / 13-17
Z250 13-18 / Ninja250R 08-12

[BMW]
S1000RR 10-14
[DUCATI]
1098 / S / R / 1198 / S / 848 - 09

[TRIUMPH]
DAYTONA675

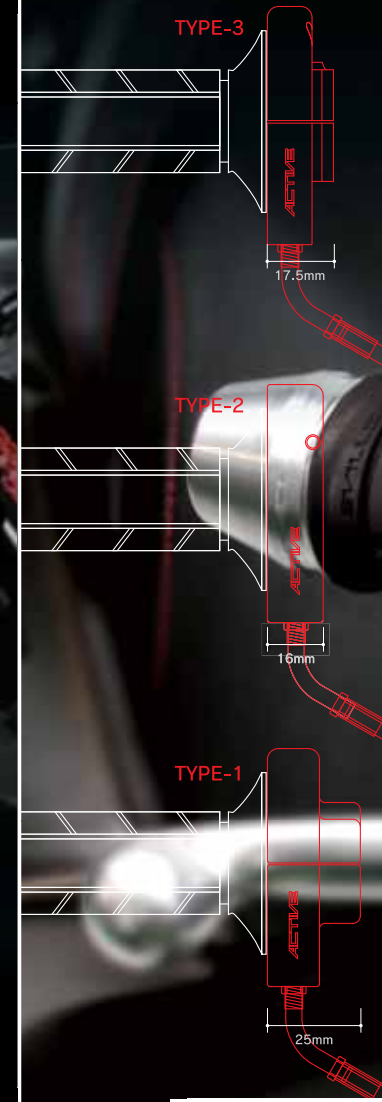
Housing color options
Black, Silver



ACTIVE THROTTLE KIT TYPE-3



The Active "Free choice" system throttle kit offers 6 different throttle bracket sizes giving you a wider range of throttle twisting control, with larger brackets, there will be less throttle twisting action, and you can open the throttle quicker than the original, smaller brackets require more throttle twisting action but allow more precise control than the original



The race-proven, high-quality and world's best throttle kit

- Improve throttle control
- Light and smooth throttle twisting
- Sharp and simple throttle housing design

The inner cable is available for all handle positions and made in stainless steel to prevent rusting. Complete the cable length by the attached specific tools. (Max.1400mm)



You can find the best pipe for your bike and riding skill. Teflon made pipes achieves less friction and aging.



Slower ← throttle opening → Quicker

LINE UP

[HONDA]
CB1300SF 14-17 / CB1300SB 14-17
CBR1000RR 04-13 / CBR600RR 05-13
CB400SF 14-19 / CB400SB 14-19
CBR250R 11-13 / GROM 13-15
MONKEY 125 18-19
[YAMAHA]
V MAX1700 09-17 / V MAX1200 / FZ-1 08-12
FAZER 06-12 / YZF-R1 09-14 / YZF-R1 07-08
YZF-R1 04-06 / MT-09 14-19 / MT-09 SP 18
MT-07 14-19 / YZF-R6 06-16

[SUZUKI]
GSX1300R 99-07 / GSX-S1000 F 15-17
GSX-R1000 02-06 / GSX-R600 06-07
[Kawasaki]
Ninja1000 11-15 / Z1000 14-16 / 10-13
ZX-10R 11-15 / ZX-10R 08-09 / 06-07
Z900RS 18-19 / ZX-6R 07-08 / 05-06
Ninja650R 09-11 / ER-6N 09-11 / ER-6F 09-10
Ninja400R 11-13 / ER-4N 11-12 / Ninja250R 08-12

[DUCATI]
999-S-R 03-06 / 749-S-R 03-06
[TRIUMPH]
DAYTONA675 06-09 / STREET TRIPLE 07
[KTM)
RC390 14-15 / 390DUKE 14-15
200DUKE 12 / 125DUKE 11-12
[APRILIA]
RSV4 / FACTORY

X

AC-PERFORMANCE LINE



The braided hoses provide the feeling of a direct brake. Speed control becomes easy and the braking distance will be short. AC-PERFORMANCE LINE allows you to choose not only bolt-on hoses but also customized hoses

BLUE & RED
Smoke Hose

BLUE & RED
Clear Hose

CHROME
Smoke Hose

CHROME
Clear Hose

BLACK & GOLD
Black Hose

Specific bolt-on hose kit

The set has specific length hoses and fitting parts for each motorcycle model. More than 570 models are available.

Universal hose

Universal hose Universal hoses are available in case you change master cylinders or calipers. The length is 135mm to 2460mm (by 25mm).

Swaged line

Swaged line The inner structure is swaged crimp which has been adopted by OEM brake hoses for safety. Furthermore, the durability is improved by the stainless

Braided hoses

Braided hoses The flexible inner hoses are protected by both fire and corrosion-resistant meshed stainless parts. The outer layer is covered with vinyl for rub and abrasion-resistance and cleaning.



Aggressive image from revolver design.

ACTIVE BRAKE FLUID OIL



Colored brake fluid

COLOR: GREEN/RED/BLUE
SIZE: 210ml/500ml



500ml



210ml



GREEN

RED

BLUE

Y

ALUMINUM&STEEL HANDLE BAR



STREET SPORTS HANDLE

Perfect combination of "width, pull back angle, pitch angle" for sport riding.



Φ28.6 TAPERED HANDLEBAR

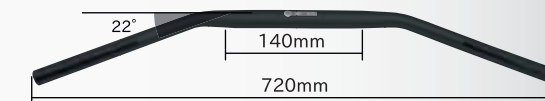
High strength for sport riding performance.

■ material :Aluminum (A6061) ■ Anodized finish



Shot silver Shot black Shot gold

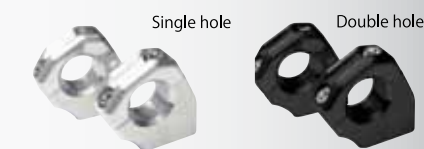
SUPER LOW



28.6mm handlebar post

For install a 28.6mm handlebar.

■ Aluminum (A2017/Anodized)
■ [Single hole] M10 · M12/P1.25 bolts
■ [Double holes] M8/P1.25 bolts
■ Color : Silver / Black



Φ22.2 ALUMINIUM&STEEL HANDLEBAR

Φ22.2 ALUMINIUM HANDLEBAR



■ material :Aluminum (A6061)
■ Anodized finish

Shot silver Shot black Shot gold

Φ22.2 STEEL HANDLEBAR



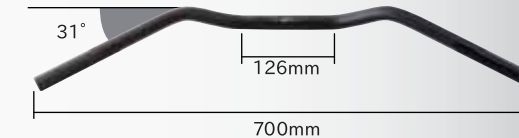
■ material : Steel
■ Plating finish

Black Plating

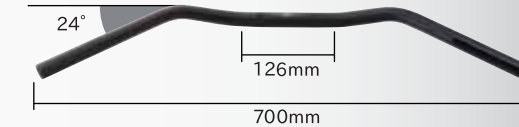
HIGH



MEDIUM



LOW



Handlebar end

Various designs and 14 colors

<Color Lineup>
Blue/Red/Silver/Gun metallic/Black/Gold/
Matte Blue/Matte Red/Matte Silver/
Matte Gun metallic/Matte Black/Matte Gold



Handlebar inner weight

Reduce vibration in hands

Weight:For steel handle 152g/
for aluminum handle 148g

CLIP ON HANDLE KIT

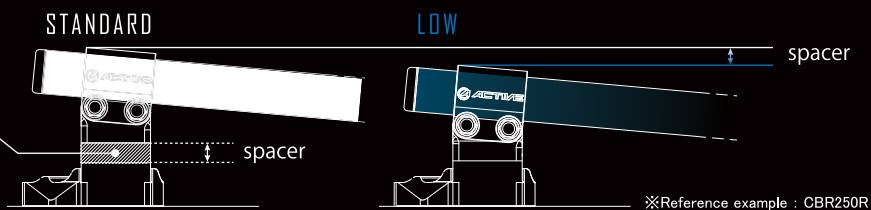


STREET ↔ CIRCUIT

The best position for sport riding is lower handle angle.
Circuit riding is enjoyable by removing the attached spacers.
The handle kits makes the position to front load.

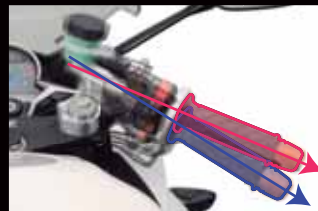
Selectable 2 heights for suit situations

We pursued the perfect positions for sport riding by the pull back angles, despite the kits are designed as same as standard handle heights. Lower position is good for circuit riding by removing the spacers.

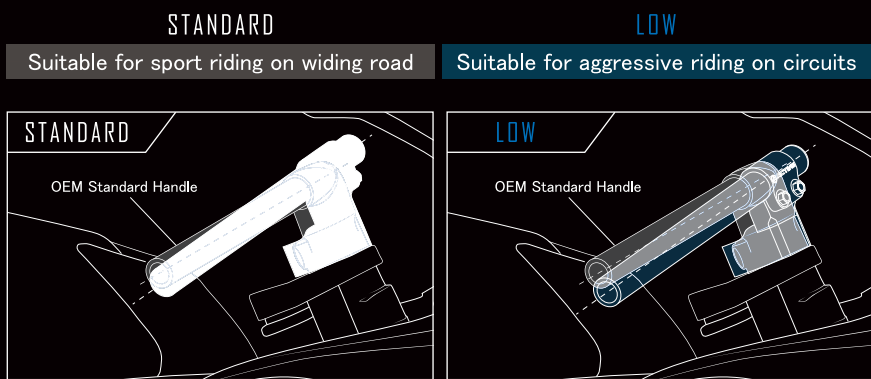


※Reference example : CBR250R

Adjustable pull back angle



Best position for each rider



CLIP ON HANDLE KIT

- Specific designs for each motorcycles
- Drilled handle switch holes
- A6061/Black anodizing
- Adjustable height and pull back angle
- Inner dia. 16mm
- Handlebar ends are not included.

LINE UP

- CBR250RR 17
- CBR250R 11-17
- YZF-R25 15-19
- NINJA400/250 18
- NINJA250 (ABS/NON-ABS)13-17
- NINJA250R 08-12
- Z900RS 18-19/CAFE19



Preload adjuster

Install on the front fork top. The preload setting can be adjustable by your own preferences. The adjuster height is stable even though the preload amount is changed.

CLIP ON HANDLE KIT



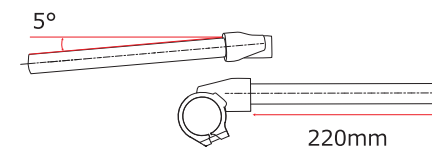
UNIVERSAL

A6061/Black anodizing

DIRECT TYPE



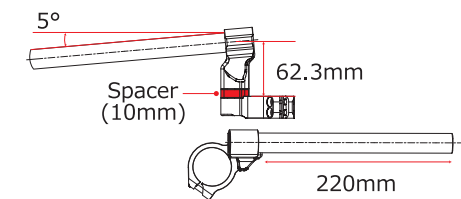
Φ35/Φ37/Φ39/Φ41/Φ43/Φ50



HEIGHT TYPE



Φ41/Φ43



Detail



Handlebar end

Various designs and 14 colors

<Color Lineup>
Blue/Red/Silver/Gun metallic/Black/Gold/
Matte Blue/Matte Red/Matte Silver/
Matte Gun metallic/Matte Black/Matte Gold



Handlebar inner weight

Reduce vibration in hands

Weight:For steel handle 152g/
for aluminum handle 148g

ENGINE COVER SLIDER



POM Material & Aluminum

"They assist our ENGINE COVER SLIDERS and reduce impact in case of crushing. The round type fends off impact from all angles and the oval type is an orthodox slider shape."

Line Up L&R set

HONDA	CBR1000RR/SP 17-19 CBR1000RR SP2 17-18	KAWASAKI	ZRX1200 DAEG 09-16 ZX-10R 11-18 ZX-10R RR 17-18/SE 18 Z900RS /CAFE 18-19
YAMAHA	YZF-R1 15-17 YZF-R6 17-20	BMW	GPZ900R ALL S1000RR 15-17
SUZUKI	KATANA 19 GSX-R1000 17-18		



Easy installation with bolted construction

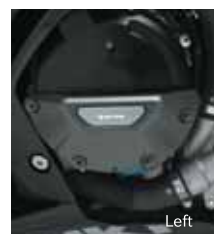
Specifically designed for strength balance for motorcycles



CBR1000RR 17-19



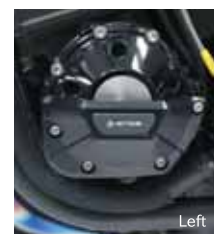
Right



GSX-R1000 17



Right



ZRX1200 DAEG 09-16



Right

FRAME SLIDER



Round type



Oval type

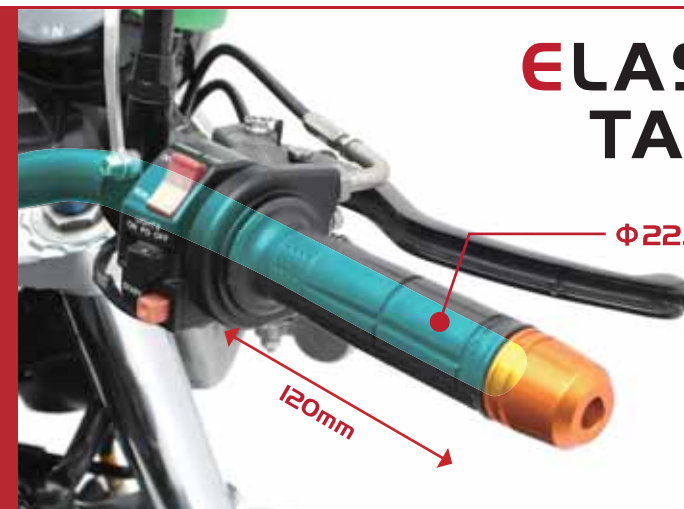
Extra relief for ENGINE COVER SLIDER

They assist our ENGINE COVER SLIDERS, and reduce the impact in case of crushing. The rounded type fends off the impact from all angles and the oval type is orthodox slider shape.

Line Up L&R set

YAMAHA	YZF-R1 15-19/M 15-18 (Round-Oval)	KAWASAKI	Ninja H2 SX/SE 18-19 (Round)
SUZUKI	KATANA 19 (Round · Wing)		ZX-10R 11-18/RR 17-19/SE18-19 (Round-Oval)
BMW	S1000RR 15-17 (Round)		Z900RS /CAFE 18-19 (Round)
			ZX-6R 19 (Round)

OTHER PARTS



ELASTOMER TAPER GRIP

Φ22.2

120mm



BLACK

NAVY

SILVER GRAY



ACTIVE Metallic sticker
(24×100mm)



ACTIVE Sticker
(Width: 120mm/180mm)
Color: Black/White



ACTIVE Emblem Patch
(25×100 mm)



①

GALE SPEED Sticker
(Width: 120mm/180mm) Color: Black/White



②

GALE SPEED Emblem Patch
(25×100 mm)

GALE SPEED Sticker

- ① Logo Sticker (52×65mm)
- ② Rotation Sticker (Left/Right Set)

※Wheel size: 18·17·12·10inch



HANGER KEY RING
RED/BLACK/GREEN

GLIDE



①



②

③

- ① GLIDE Sticker (31×105mm)
- ② Rim Metallic Sticker Left (6×28mm)
- ③ Rim Metallic Sticker Right (6×28mm)