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Sigma Performance Slipper Clutches and Race Specialities

Now a range of 60 clutches - incorporates many popular street bikes & race applications.

Sigma slipper clutches are designed to allow easier downshifting on the road or track. Originally a pure race accessory slipper clutches smooth gear changes for skilled riders and beginners alike by automatically and seamlessly disengaging the clutch

whenever engine braking or rear wheel hop becomes an issue.

During 2011 Team WFR used Sigma clutches to dominate the BSB Evo championship on their Honda CBR1000RR's success in Evo with Buildbase BMW using Sigma clutches in S1000RR to win the Thruxton EVO race. In BSS Supersport races won and podiums with Kawasaki 600's, Yamaha R6's and Triumph 675's. Riders report smoother performance on corner entry and exit, crisper shifting action and increased 'zip' from the motor as major improvements over the OEM slipper units. All clutches are supplied with alternative spring preload spacers to allow slip levels to be adjusted. Each clutch is individually designed using carefully chosen ramp angles with ball bearings for the smoothest performance possible on road or track. All supplied with full installation instructions. Most models use standard springs and plates.

Sigma Performance Competition Slipper Clutch range.

Part No Aprilia

SXV/RXV 450/550 Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses Honda CRF clutch plates & standard springs

RSV all models Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates & springs

RSV4 Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

BMW

S1000RR Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

Ducati

695/696/796. Six ramp, wet type. Hard anodised in grey; . Includes Clutch centre only.
Uses standard clutch plates and supplied springs

848/Sport Classic/ST3 Six ramp, wet type. Hard anodised in grey; . Includes Clutch centre only.
Uses standard clutch plates and springs

All Ducati's with with air-cooled clutches since 1990. Six ramp, dry type. Hard anodised in grey with a red pressure plate using a ceramic friction surface; Uses standard clutch plates and 1098/1198 springs. Clutch centre only.

1098/1198. Six ramp, dry type. Hard anodised in grey with a Red pressure plate using a ceramic friction surface.
Uses standard clutch plates and springs. Clutch centre only.

Race All bikes with air-cooled clutches since 1990 except 1098/1198. With 38 degree ramps. Six ramp, dry type.
Hard anodised in grey with a Red pressure plate using a ceramic friction surface; Uses standard clutch plates and 1098/1198 springs. Clutch centre only.

Race 1098/1198. With 38 degree ramps. Six ramp, dry type. Hard anodised in grey with a red pressure plate using a ceramic friction surface; Uses standard clutch plates and 1098/1198 springs. Clutch centre only.

Ducati continued

All bikes with air-cooled clutches since 1990 except 1098/1198. Six ramp, dry type. Hard anodised in grey with a red

pressure plate using a ceramic friction surface; Uses standard clutch plates and 1098/1198 springs. Includes Clutch centre and alloy 12T basket.

1098/1198 only. Six ramp, dry type. Hard anodised in grey with a Red pressure plate and ceramic friction surface. Uses standard clutch plates and springs. Includes Clutch centre and Alloy 12T basket .

Race: All bikes with air cooled clutches since 1990 except 1098/1198. With 38 degree ramps. Six ramp, dry type. Hard anodised in grey with a Red pressure plate using a ceramic friction surface; Uses standard clutch plates and springs. Includes Clutch centre and Alloy 12T basket.

Race 1098/1198 only. With 38 degree ramps. Six ramp, dry type. Hard anodised in grey with a red pressure plate using a ceramic friction surface; Uses standard clutch plates and springs. Includes Clutch centre and Alloy 12T basket.

48T Kit. All bikes with air-cooled clutches since 1990 except 1098/1198. Six ramp, dry type. Hard anodised in grey with a Red pressure plate using a ceramic friction surface. Uses 1098/1198 springs. Includes Clutch centre, 48T Alloy clutch basket and 48 tooth clutch pack.

48T Kit. 1098/1198 only. Six ramp, dry type. Hard anodised in grey with a Red pressure plate using a ceramic friction surface. Uses standard springs. Includes Clutch centre, 48T Alloy Clutch basket and 48 tooth clutch pack.

Full Race 48T Kit. With 38 degree ramps. Six ramp, dry type. Hard anodised in grey with a red pressure plate using a ceramic friction surface. Requires 1098 springs. Includes 38 degree Clutch centre, 48T Alloy Clutch basket, 48 tooth clutch pack and alternative centre nuts for Bip/SPS/R /1098/1198/CR gearbox shafts.

Desmosedici RR 48T Kit. Six ramp, dry type. Hard anodised in grey with a Red pressure plate using a ceramic friction surface. Uses standard springs. Includes Clutch centre, 48T Alloy Clutch basket and 48 tooth clutch pack.

Desmosedici RR Full Race 48T Kit. With 38 degree ramps. Six ramp, dry type. Hard anodised in grey with a red pressure plate using a ceramic friction surface. Requires 1098 springs. Includes 38 degree Clutch centre, 48T Alloy Clutch basket, 48 tooth clutch pack.

2T Basket only All bikes with air-cooled clutches since 1990. Uses Standard clutch pack.

48T Basket only All bikes with air-cooled clutches since 1990. Requires 48T clutch pack.

48T Clutch pack only. All bikes with air-cooled clutches 1990 on with 48T basket.

48T Clutch friction plates All bikes with air-cooled clutches 1990 on with 48T basket.

Honda

Honda SP-1/2, Six ramps, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch friction plates and springs.

VTR1000F , Six ramps, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch friction plates and springs.

CBR1000RR (04 and 05). Five ramp, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch plates and springs.

CBR1000RR (06 and 07) & CBR1000R 92009 on) Five ramp, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch plates and springs.

CBR1000RR (08 on). Five ramp, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch plates and supplied springs.

Honda continued

CBR926-954RR (00 – 04 inc). Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

CBR900RR (96 – 99 inc). Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

CBR600RR EVO All years. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard 07+ clutch plates and springs.

CBR600RR Corsa all years. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates with 2mm metals (steel or titanium) and HRC/standard 07+ springs Lightweight full race.

CRF450. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

Honda CRF450X. Five ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and springs.

CRF450 09+. Five ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and springs.

XR650R. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and supplied springs.

NSF250R. Five ramp, wet type. Automatic locking system for starting. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

Kawasaki

ZX6-05/08. Five ramp, wet type. Hard anodised in grey; Clutch centre only. Uses standard clutch plates and springs. £549 plus VAT

ZX6-09+. Five ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and springs.

ZX636-03/04. Four ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and supplied springs.

KX-F450. Five ramp, wet type. Hard anodised in grey; Clutch centre
Uses standard clutch plates and springs.

ER-6 all years. Five ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and springs.

ZX-10 2006-2012. Six ramp, wet type. Hard anodised in grey; Clutch centre only. Reinforced back plate.
Uses standard clutch plates and springs. (Available Dec 2012)

ZX-12 all years. Six ramp, wet type. Hard anodised in grey; Clutch centre only
Uses standard clutch plates and springs.

KTM

990 Super Duke (and all LC8 Equipped bikes). Six ramp, wet type. Hard anodised in grey;
Clutch centre only. Uses standard clutch friction plates and supplied springs.

690. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates and springs.

RC-8. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates and supplied springs.

MV Agusta

F4 312, Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates and springs.

MV Augusta continued

1000, Four ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates and springs.

675, Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch friction plates and springs.

Suzuki

Hayabusa, All years. six ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and GSXR1000 springs.

Hayabusa Turbo, All years. seven ramp, wet type. Designed for car or ni power applications incorporating additional plates and springs and a special heavy duty basket. Hard anodised grey. Uses standard clutch plates and GSXR1000 springs

GSXR 1000K1 to 4. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

GSXR 1000K5 –K8. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

GSXR 1000 K9 on. Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

GSXR 600/750K1-K5 /SRAD. Five ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

GSXR 600/750K6 on. Five ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

RM450 All years. Five ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

SV650 '33' All years. Five ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

SV650 Racing All years. Five ramp, wet type. Hard anodised grey; Complete assembly inc basket.
Takes two extra plates to cope with more power. Uses standard clutch plates and CBR6 springs.

Triumph

675 Daytona/ Street Triple All years. Five ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

955/955i (early model pre engine # 220357) All years. Six ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

1050 (all models + late model 955i post engine # 220357). Six ramp, wet type. Hard anodised grey; Clutch centre only.
Uses standard clutch plates and springs.

Yamaha

YZF R1 (Pre 04) . Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and has a coil spring conversion, springs are included.

YZF R1 (04+05) (also 06 on FZ-1). Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

YZF R1 (06). Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

YZF R1 (07+08). Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

YZF R1 (09+). Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

Yamaha continued

XJR1300, FJ1100, FJ1200, XJR1200, all years. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

TDM900. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and spring.

YZF R6 All years to 2005. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

YZF R6 06 on. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

XTZ660/XT600/XT600E (83 to 04). Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and TZ springs.

XT660X/R/ Raptor (4 Valve). Five ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

YFZ/WR450 YZF to 08; WR all years. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

YZF450 - 08+. Six ramp, wet type. Hard anodised in grey; Clutch centre only.
Uses standard clutch plates and springs.

Sigma Race Specialities

Ducati Clutch Slave Cylinder. Lower lever effort. (N.B You get a better price when ordered with Ducati dry clutch)

Honda CBR600RR Oil cooler. A cast aluminium oil cooler for Honda 03 to 06 CBR600RR engines.

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