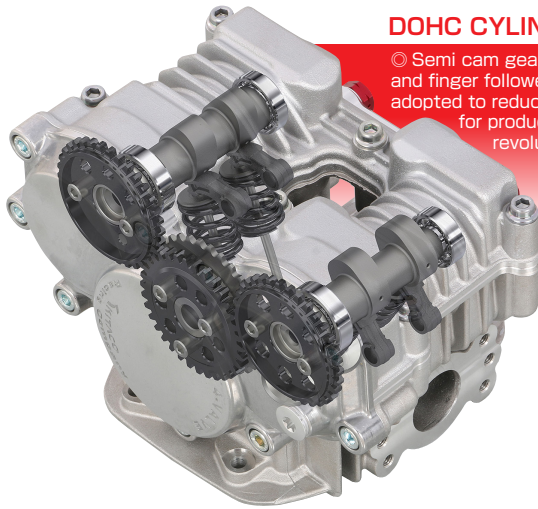




BIG BORE KIT RELATED PARTS

GROM (JC61/75), MONKEY125 (JB02)



DOHC CYLINDER HEAD

◎ Semi cam gear train system and finger follower rocker arm adopted to reduce inertial mass for producing high revolution.

CYLINDER

Aluminum casting cylinder with steel sleeve for improving heat release performance.

Equipped with oil line outlet



FINGER FOLLOWER TYPE ROCKER ARM

Contributes increasing power at high rpm by reducing inertial mass. DLC coating is treated on the slipper surface.

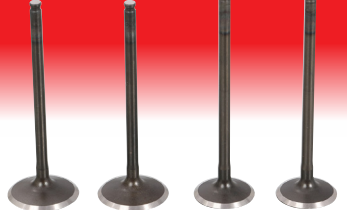
VALVE SPRING

- Oil quenched and Tempered Wire
- Uneven pitch

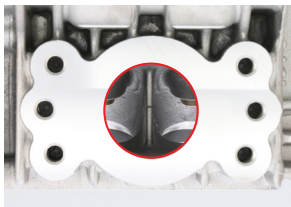


VALVE

- STEM O.D. : $\phi 4$



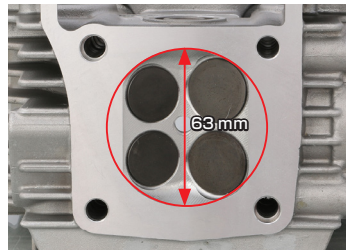
$\phi 24.5$ VALVE FACE $\phi 21$ VALVE FACE



INTAKE PORT ($\phi 28$)
3 different direction (25°) of manifold angle is changeable.



EXHAUST PORT ($\phi 23$)



COMBUSTION CHAMBER
63mm bore diameter and maximum size valve arrangement considering safety margin.

HIGH CAMSHAFT

- VALVE TIMING ANGLE
 - IN VALVE
 - OPEN 12° BTDC
 - CLOSE 56° ABDC
 - EX VALVE
 - OPEN 38° BBDC
 - CLOSE 18° ATDC
- At 1mm LIFT



High camshafts that blow up at once to the high rotation range that makes full use of the characteristics of the valve.

CRANKSHAFT

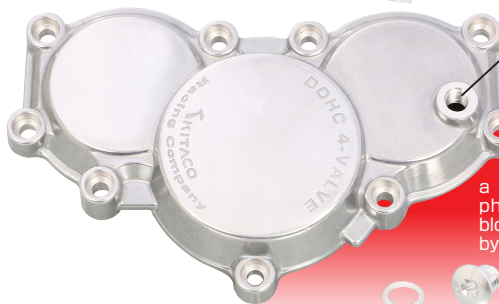
High intensity H-shaped connecting rod
Withstands high-output engines



Lightweight crank web

PISTON

High intensity forged piston with high durability
Compression Ratio 11.5 : 1



BLOW-BY GAS OUTLET

ALUMINUM CYLINDER HEAD SIDE COVER

Aluminum casting gloss barrel finish

The blow-by gas outlet has a labyrinthine structure (right photo), which suppresses the blow-out of oil and enables blow-by gas to be taken out.



BLOW-BY GAS OUTLET BOLT

※ Torx wrench (T10) is required to remove.



◀ Banjo bolt (red/771-0502501), union nipple (black/0900-990-90030) and sealing washer (0900-771-90001) (sold separately) is required to make blow-by gas outlet.