



**NEW
RELEASE
INFORMATION
Vol.339**

FORGED PISTON for RB25DET

0.5mm Oversized



※Photo: for NEO6

Compatible With The Stock Engine!

The $\phi 86.5$ size piston suitable for overhaul has been newly added to the RB25DET piston series. Piston profile the ellipse barrel shape profile was chosen from the advanced analysis of the analysis distribution of piston temperatures, material properties and the coefficient thermal expansion rates. This allowed our design to use much tighter piston clearances for maximum power range. This greatly reduces blow by gases, friction loss and no noise.

	Bore (mm)	Pin Dia. (mm)	Length (mm)	Reces	Comp.Height (mm)	PistonCrown Volume (cc)	Top ring B×T (mm)	Second ring B×T (mm)	Oil ring B×T (mm)	Displacement (cc)
ECR33	86.5	21	60	×	31.0	-12.7	1.20×3.10	1.20×3.90	2.50×3.10	2527
NEO6 (ER34,WGNC34,C35)	86.5	21	60	○	30.0	-7.8				

JPY 165,000

For ECR33 P/N: 1113865111

For NEO6 P/N: 1114865112

RELATED PRODUCT

HEAD GASKET



APPLICATION	BORE(φ)	THICKNESS	P/N
RB25DE(T)	87.0	1.2mm	1312870121
		1.5mm	1312870151
		1.8mm	1312870181
	88.0	1.2mm	11044R904G
		1.5mm	11044R905G

■ SUPER GROMMET DESIGN



The SUPER GROMMET is dual sealing method of the bead structure & metal grommet, provides maximum sealing for the coolant, oil & gases around the bore circumference.

■ Heat Conductivity & The Strength of Stainless Steel

Stainless steel was chosen to be the material of choice to make the Metal Gaskets with because of the heat conductivity efficiency of the stainless steel material to evenly distribute the heat and aid with cooling. This will greatly improve reliability and reduce the chances of problems.

Sample Compression Ratio

APPLICATION	BORE	With gasket			Gasket BORE
		1.2mm	1.5mm	1.8mm	
ECR33	$\phi 86.5$	8.4	8.2	8.0	$\phi 87.0$
		8.4	8.2	7.9	$\phi 88.0$
NEO6	$\phi 86.5$	9.1	8.8	-	$\phi 87.0$
		9.1	8.8	-	$\phi 88.0$

JPY 28,000

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■ Prices are subjected to changes without prior notice ■ The images are for illustration purposes only & the color may differ from the actual product due to printing and publication errors.