

SPORT COMPACT ROLLER ROCKER SYSTEM ⁽¹⁾

This **New and optimized** Special “**Aluminum-Magnesium Roller Rocker System**” was designed and developed by **Ferrea** to replace the factory “Steel Rocker Arm System” and eliminate the V-TEC Function. Factors such as weight, mass moment of inertia, deflection, and cycle durability are taken into account throughout the design and testing process.

Premium Material: We use special high quality **70 Series Aerospace Aluminum-Magnesium Alloy**, heat-treated to provide superior strength.

Manufacturing: Fully CNC machined, profiled for weight reduction, (OEM unit weighs 110% more) which improves moment of inertia, and increases the RPM range of Valve-train.

Roller Wheel: The **Roller Needle Bearing** prevents roller from skidding across the camshaft surface, unlike the (OEM) stock rocker pad, thus reducing friction dramatically.

Tool Steel Pin: The **Tool Steel Roller Pin** is compressed between the rocker to stabilize the rocker motion throughout the entire RPM range.

Installation: Our **Roller Rocker System** comes with all hardware and requires no head modifications for installation.

(1) U.S. Patent No. US6, 352, 062 B1.



The Lucas Oil Honda Civic of Richard Holdener retains its title as the World's Fastest Honda Civic going through the traps at 227mph, once again with Ferrea Valves setting records at Bonneville.



Part N°	References
	ACURA INTEGRA GSR 1.7L - DOHC V-TEC 16 VALVE (B17A1) - 1992-1993 ACURA INTEGRA GSR 1.8L - DOHC V-TEC 16 VALVE (B18C1-C3) - 1994-2000 HONDA DEL SOL 1.6L - DOHC V-TEC 16 VALVE (B16A1) - 1994-1997 HONDA CIVIC SI 1.6L - DOHC V-TEC 16 VALVE (B16A3) - 1999-2000
RR1000	Aluminum-Magnesium CNC machined
	ACURA NSX - 1991-2002 HONDA PRELUDE 2.2L - DOHC V-TEC 16 VALVE (H22A1-A4) - 1993-2000
RR1001	Aluminum-Magnesium CNC machined