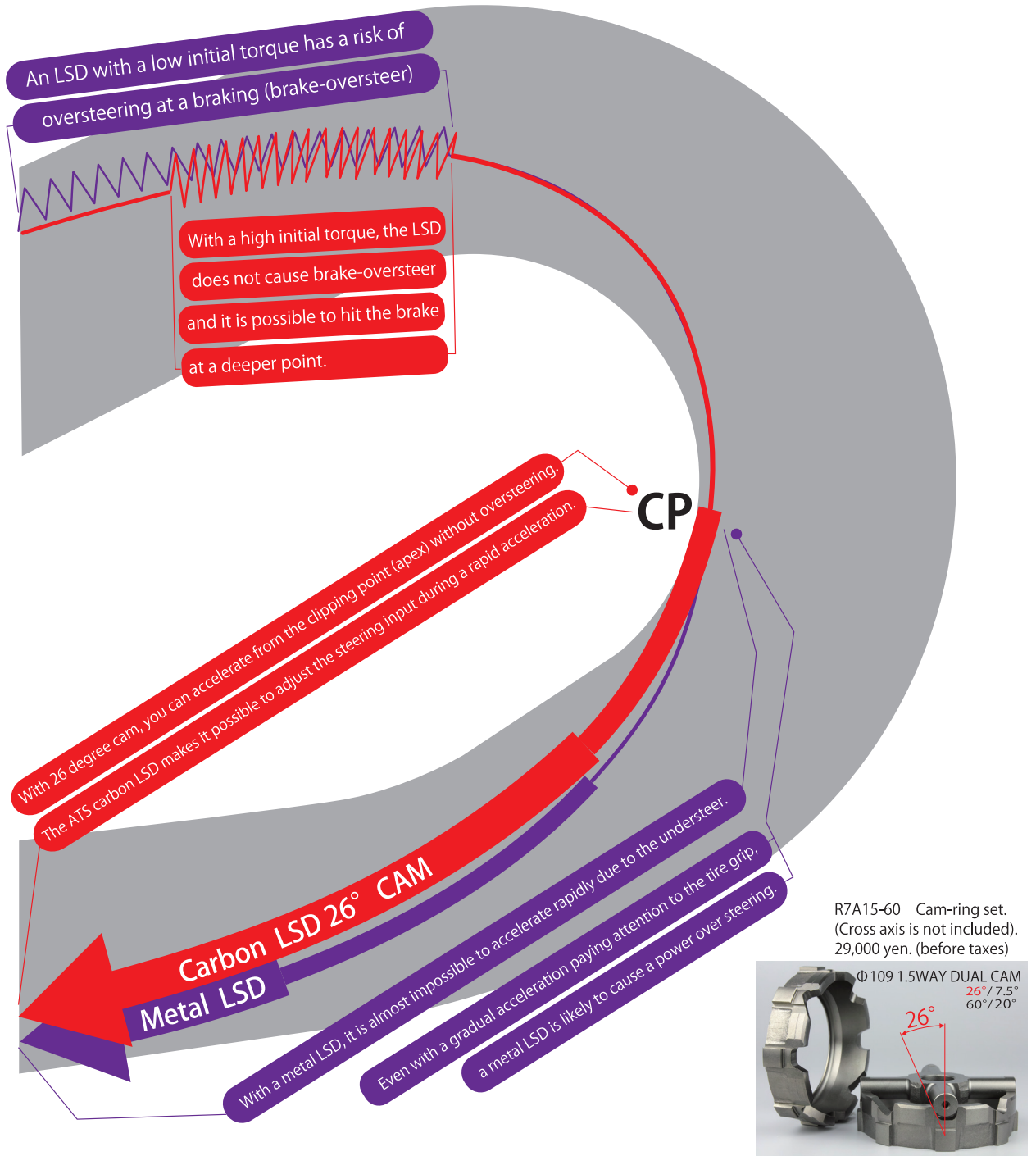


CARBON LSD
+ HIGH INITIAL TORQUE
+ 26°/7.5° Cam Angle

Note : Please set the initial torque to 20kgm to 30kgm

On the latest test run on a truck, the 9 test vehicles with the new 26 degree cam set a new record lapping time. Several of them shortened the lapping time by amazing 3 to 5 seconds. We asked the professional race driver, Mr. Mitsuhiro Kinoshita, who developed this new cam angle to explain this awesome improvement with illustrations of vehicle movement on the cornering.



ATS Development and Test Driver
 Mitsuhiro Kinoshita

First of all, regarding the choice of your racing line, rather than producing a significant change on the line itself, it is more like that the driver will have more freedom to choose (lines) due to the significantly improved stability from the high initial torque. Irrespective of vehicle setting or course layout, you can attack every corner with a higher level. If an LSD has a low initial torque, it causes an unstable rear movement at the braking, and a sudden oversteering follows. On the other hand, a high initial torque carbon LSD provides a superior stability and the driver can delay the braking point going into a corner! In the case of FR vehicle on the exit of a corner, the driver accelerates based on the grip condition of the rear tires. However, the new carbon LSD with the high initial torque & 26 degree cam angle functions very smoothly to the top of the rev range. The driver enjoys the excellent traction from the opening to the full throttle! This stability and outstanding traction will give the driver more and safer freedom to choose the best racing line, which results in a faster lapping time in race and time attack. ATS carbon LSD is very unique with very high initial torque which causes no negative movement on cornering but provides super stability. The LSD is in a class of its own! (Mitsuhiro Kinoshita)