



HKS suspension is manufactured within HKS' own facilities under strict quality control me thod to ensure product quality.





Materials Heat-treated special steel (SAE9254 variant)



Coiling Materials are cold formed using the coiling



End Face Machining Both ends are machined flat.



Painting



Inspection Spring rates and dimensions are measured by a load testing machine.





Special material selected specifically for the



Processina High precision machining according to each product specification.



Plating

performance.

Surface roughness and dimensions are measured.



Materials Specially ordered pipe is cut to required length.



Processing Precision machining for cut pipes.



Special plating for increased durability and

Welding Fitting brackets are welded to the processed



Treatment Special surface treatment for corrosion protection.

sion for Quality

l add value which cannot be hieved through mass production. Suspension by discerning peop discerning people

To ensure that each and every application can be made to satisfaction, generic design and production are avoided in preference for a meticulous design and test process. This achieves a special "Made in Japan" suspension product with "made by hand" quality with the accuracy of automated 1509001 production.







Picking Parts to be assembled are picked.



Piston Assembly The piston and main shaft are assembled.



Oil Injection The cylinder and piston assy are assembled, and special oil is injected into the cylinder.



Dampening Force Measurement Gas is charged, and the damping force of each product is inspected.



Final Check Final checks are performed after assembling springs and upper mounts.



Packing The product is packed with a manual and accessories.