



AUTO STEELS



AUTO STEELS
SINCE 1958

COMPANY
BROCHURE

‘ZERO DEFECT PRODUCTS,’

For More Info, visit our Website
www.autosteels.com

Auto Steels was Established in 1958, is a prominent manufacturer of leaf springs. Exporter and supplier for automobile and agricultural industries. Expertise in producing a wide variety of spring leaves for Indian and international vehicles. In-house manufacturing, R&D, design, and testing facilities.

- Capability to produce 750 tons per month, with plans for future expansion.
- Product range includes parabolic and non-parabolic leaf springs, U-bolts, center bolts, and bushes.
- Products meet modern technical standards and undergo rigorous quality testing.
- High-grade alloy steel is used as raw material for manufacturing.

INFRASTRUCTURE

PARABOLIC ROLLING MACHINE

We have the most modern Parabolic Leaf Spring rolling machine which are computer controlled by PID controllers. The machine is capable of handling steel strips upto 50 mm thickness. The walking beam for the parabolic machines uses GAS as fuel and is controlled by PID controllers.



WALKING BEAM MACHINE

All the Springs are given heat treatment process through gas energy by Walking Beam furnace which is fully conversied, and automatic to maintain equal and uniform heating through control temperature panels and automatic burners.



CAMBERING MACHINE

All the Springs are given different shapes through the cambering machine fitted with fingers which controls the shape. After cambering the leaf is dipped and quenched in oil tank which has capacity of 42000ltrs and the oil temp is maintained as per standards with the support of chilling plant.



EYEROLLING MACHINE

All the Main leaf Springs are given round shape to make an eye through the automatic hydraulic eye rolling machine to avoid the ovalty in the eye.



PRODUCTION RANGE

PRODUCTION SPECIFICATION

Width of the Leaf	- 30mm to 120mm
Thickness of the Leaf	- 04mm to 50mm
Length of the spring	- Upto 2300 inch
Inside eye dia	- 75mm
Camber	- 250mm\

MATERIAL GRADE

BS - EN45, EN45A, EN47, EN48, EN48A.

DIN - 51SI7, 55/65SI7, 50CRV4, 50CR3, 67 CR7.

JIS - SUP-6, SUP-7, SUP-9, SUP-11/11A.

SAE - 9260/9255, 96150, 5150, 9254.

PRODUCTION SPECIFICATION

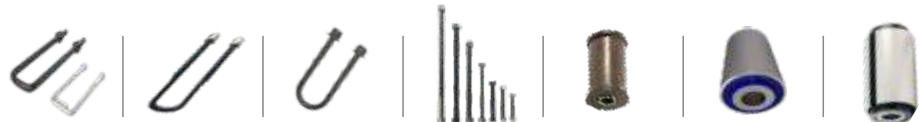
• Shape & Type of Main & 2nd Leaf	- Normal eye or Berlin eye.
• Shape of End Leaf	- Plain, Parabolic, Tapped & Trimmed.
• Finishing	- Enamel Painting-Shinning or Mat.
• Colour of Surface	- Black, Red, Grey
• Weight of Assembly	- 1.75 kg To 390 kg
• Fitting of Main Leaf & Assy	- Eye bushes (Steel, Bronze, Gun-Metal or Rubber silent block) fitted with Clamps, Clamp Bolts, Center bolt, Rivets.

PARABOLIC & NON-PARABOLIC SPRINGS

• TRAILERS	: Automobiles & Agriculture.
• HCV (Heavy Commercial Vehicles)	: Mercedes, Volvo, Man, Scania, BPW, DAF, IVECO, Renault, Freightliner, TATA, Leyland Etc
• MCV (Medium Commercial Vehicle)	: Mitsubishi, Toyota, Nissan, Hino, Isuzu, Mazda Tata, Leyland.
• LCV (Light Commercial Vehicle)	: Jeep, Vans, Cars.
• Mini Vehicles	: Golf Carts, Mini Trailer E-rikshaw.
• Air Suspensions	: Z Spring
• Customise Solutions	: We also design and develop the spring according to customers requirement.



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