Products/Solutions
Designing the Future of Automobiles
NIPPON STEEL CORPORATION Group has the advantages which are most advanced global supplying systems and its competence to propose solutions that encompass not only coherent development, production and sales systems but also such technologies as aided processing.

~ Realizing Attractive Car Body Manufacturing ~

Total Solution Proposal

NIPPON STEEL CORPORATION Group’s Solution Technologies

1) Lightweight material
2) Parts function-improving material (other than lightweight material)
3) Commercial process-cutting material
4) Method solution technology/equipment
5) Design/evaluation solution technology

Method Proposal

Material Proposal

Design Proposal

[Advanced Methods]
Forming/joining methods that utilize material characteristics

[Advanced Materials]
Material development that is conscious of requisite characteristics

[Advanced Structural Design]
Structural design that uses up material characteristics

“Manufacturing” Technology Acquired through Steel Manufacturing

—Equipment, Measuring, Analysis, FA, IT, etc.—

Analysis Technology
Evaluation Technology
Forming Technology
Material Technology
Welding Technology

Customer Trend/Needs

—Collaborative Activities, Daily Sales Activities, etc.—

Weight Saving
Improved Functions
Improved Productivity

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NIPPON STEEL CORPORATION Group's Overseas Network

: Automotive Bases Only

**NIPPON STEEL CORPORATION**
- Head Office/offices/branches
- Research laboratories
- Works

**NIPPON STEEL Stainless Steel Corporation**
- Head Office/offices/branches
- Works

**NIPPON STEEL Chemical & Material Co., Ltd.**
- Head Office/offices/branches
- Works

**NS Solutions Corporation**
- Head Office/offices/branches
- Works

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**Europe**
- ArcelorMittal*
- Technical cross-license
- Suzuki Garphyttan

**India**
- Jamshedpur Continuous Annealing & Processing
- Nippon Steel Pipe India
- SMI-Antek Crankshaft

**Thailand**
- NS-Siam United Steel
- NIPPON STEEL Steel Processing (Thailand) Co., Ltd.
- Thai Precision Products
- Siam Nippon Steel Pipe
- Thai Steel Pipe Industry

**Indonesia**
- Indonesia Nippon Steel Pipe

**Vietnam**
- Vietnam Steel Products
- China Steel Sumkin
- Vietnam Joint Stock Company

**China**
- Baosteel-NSC
- Automotive Steel Sheets
- Suzuki Garphyttan
- NBC China
- Shanghai Neturen
- WuXi NIP STEEL Automotive Parts
- Guangzhou You-Ri Automotive Parts
- Guangzhou Asahi-Ns-Mitsui Automotive Parts
- HUZHOU NIPPON STEEL FORGING CO., LTD.

**U.S.A.**
- AMNS Calvert
- INTek
- INN Kote
- Suzuki Garphyttan
- INDIANA PRECISION FORGE
- NIPPON STEEL COLD HEADING WIRE INDIANA INC.
- Seymour Tubing
- International Crankshaft

**Mexico**
- TENIGAL
- Nippon Steel Pipe Mexico

**Brasil**
- UNGAL
- USIMINAS

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