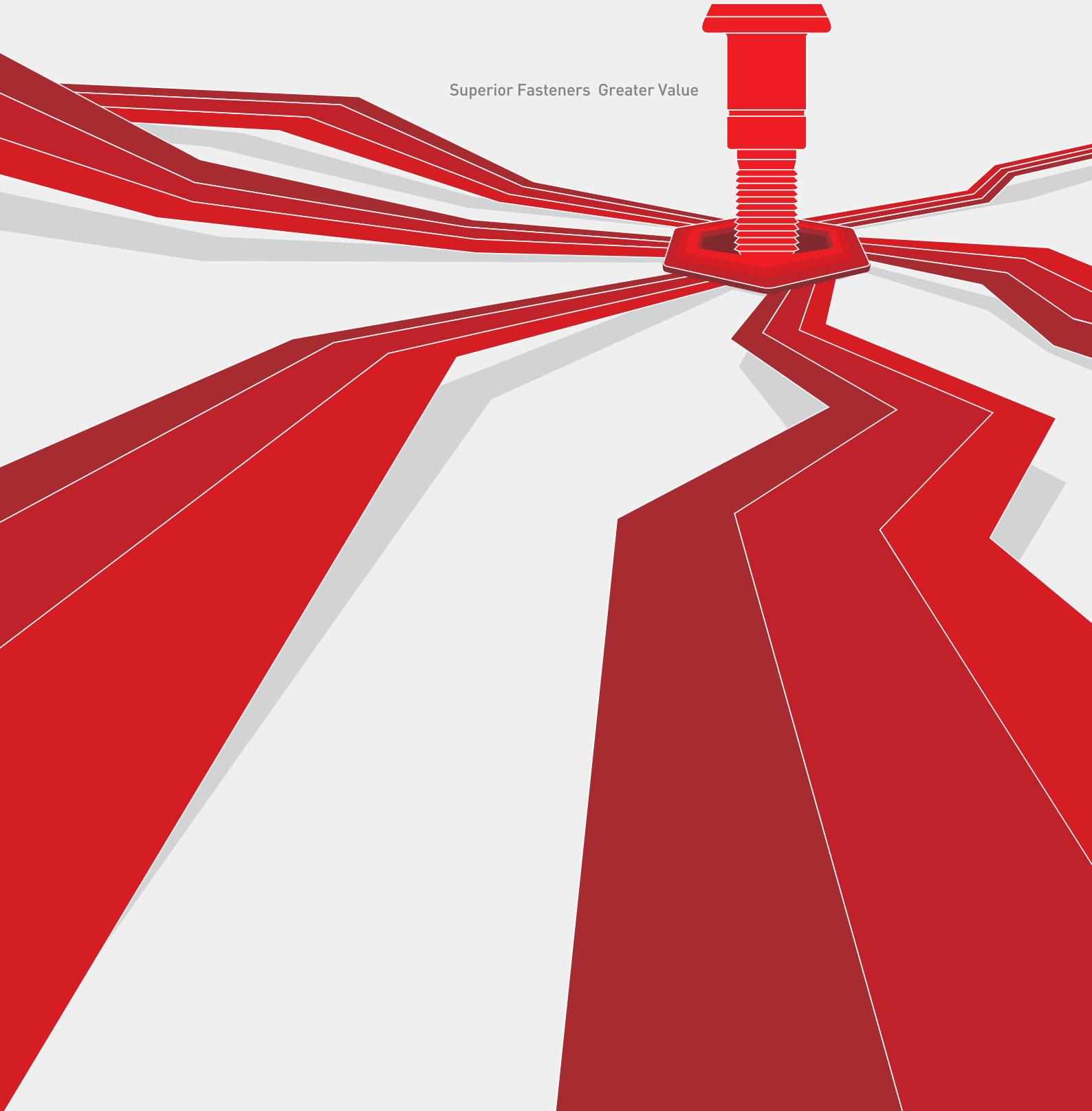


STERLING TOOLS LIMITED



Superior Fasteners Greater Value





360°

We at **STL** believe in { **SUPERIOR FASTENERS
GREATER VALUE**

Since 1979, we at STL have been engaged in the manufacturing and marketing of high tensile cold forged fasteners. Today, we are amongst the leading OEM suppliers in India serving the needs of leading automotive companies in India, Europe and USA. A large part of this success can be credited to our competent workforce that has helped us surpass new boundaries at every step. It is through their contribution that we have been able to achieve our corporate vision of "sustainable growth through overall excellence".

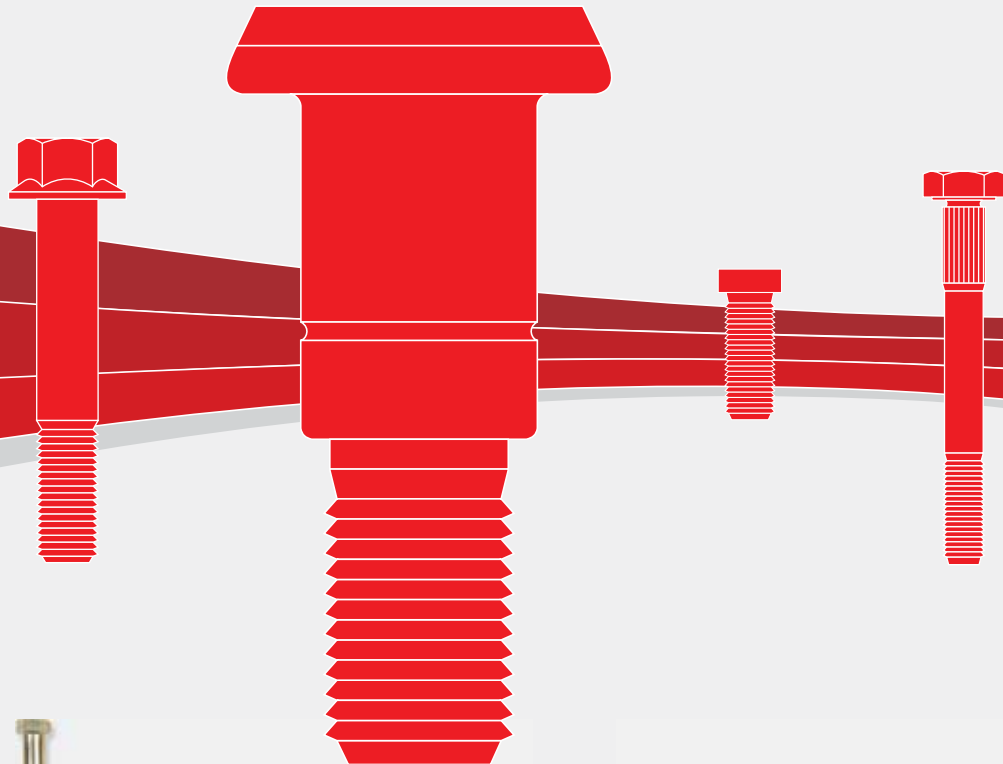
The '360 degree' philosophy looks at all aspects of the value chain, from manufacturing and quality control to human resource development as a tool to produce total customer satisfaction. All around excellence for overall perfection...this is the promise of our '360 degree' approach.

360^o PRODUCT RANGE



Special Fasteners

Our special fasteners are manufactured to suit unique customer specifications. Available in a variety of surface protection coatings, these fasteners are proof of the fact that we provide complete customisable solutions.



Standard Fasteners

Known for their excellence, our range of standard fasteners includes socket head cap screws, hexagonal head bolts, studs, hexagon nuts and weld nuts. The dual benefits of better fatigue resistance and superior strength have made these fasteners a popular choice.



Chassis Fasteners

Our range of chassis fasteners includes hub/wheel bolts, hub nuts, wheel studs, suspension bolts, propeller shaft bolts/nuts, centre bolts, track shoe bolts/nuts, rivets and two wheeler spindles/wheel axles. These are widely used in the undercarriage of automobiles and heavy earth moving equipments.



Engine Fasteners

Our engine fasteners include cylinder head bolts/screws, fly wheel nuts/bolts, connecting rod bolts/nuts, balance weight bolts and main bearing cap bolts. These are widely used in internal combustion engines.

Size Range Bolts and Screws

Diameters: M5 to M24 and equivalent inch series
Lengths: 8 mm to 250 mm

Nuts

M6 to M 22 and equivalent inch series



Multi station header



Forging machine



Raw material



Collaborative effort



Plating line



CNC machine



Heat treatment line

360°

With the expertise of about three decades, our manufacturing facility today includes state-of-the-art cold forging on multistation headers, inline rolling, heat treatment, finishing/coating, Wire drawing and annealing CNC turning, centre less grinding, circular thread rolling and other secondary operations.

Induction hardening of critical fasteners, use of sophisticated in-line hardening and tempering furnaces with auto-load, pre-wash and post-washers, and the manufacture of special fasteners with very close tolerance are key features of our manufacturing process. Our finishing operations with integrated hydrogen de-embrittlement facilities also include complete waste treatment processes that bring us a step closer to an eco-friendly environment.

MANUFACTURING

360° ENGINEERING

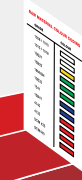
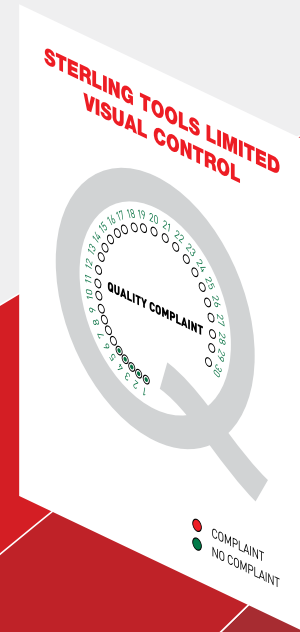
STL's engineering department is led by a team of highly experienced leaders. Equipped with the latest in CAD and simulation softwares and armed with the knowledge of an extensive library, our engineering team is extremely competent, especially in the manufacture of precision parts. Manufacturing feedback for improving the overall machine effectiveness (O.E.E), APQP (Advanced Product Quality Planning) through cross functional teams and in-house testing facilities like the SCHATZ torque testing machine help us understand and meet client needs consistently.





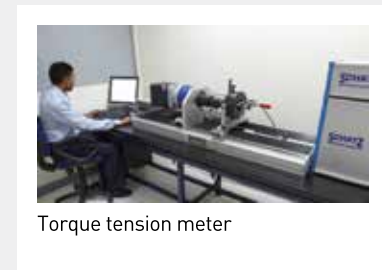
360° QUALITY

Our focus on quality is evident from our attention to cellular manufacturing, operator quality assurance and established traceability. In addition, our NABL certified laboratories equipped with various high accuracy specialised instruments ensure unquestionable quality at every step. Little wonder then, that our manufacturing facilities are all TS 16949 and ISO 14001 certified.



360° TESTING

In order to ensure consistent quality of the final product, we have harnessed the power of several high accuracy specialised instruments. These include the Spectrometer, Torque tension meter, Fisher Scope for coating thickness checking, Contour Graph, Micro Vickers hardness tester, Microscope (with image analyzer software), Tri-roll gauges for thread checking, Torque wrench, Eddy Current tester, Universal tensile machine and the Charpy tester. By identifying potential problems and flaws in advance, we ensure that STL fasteners are defect free.



Torque tension meter



Spectrometer



Mobile spectrometer



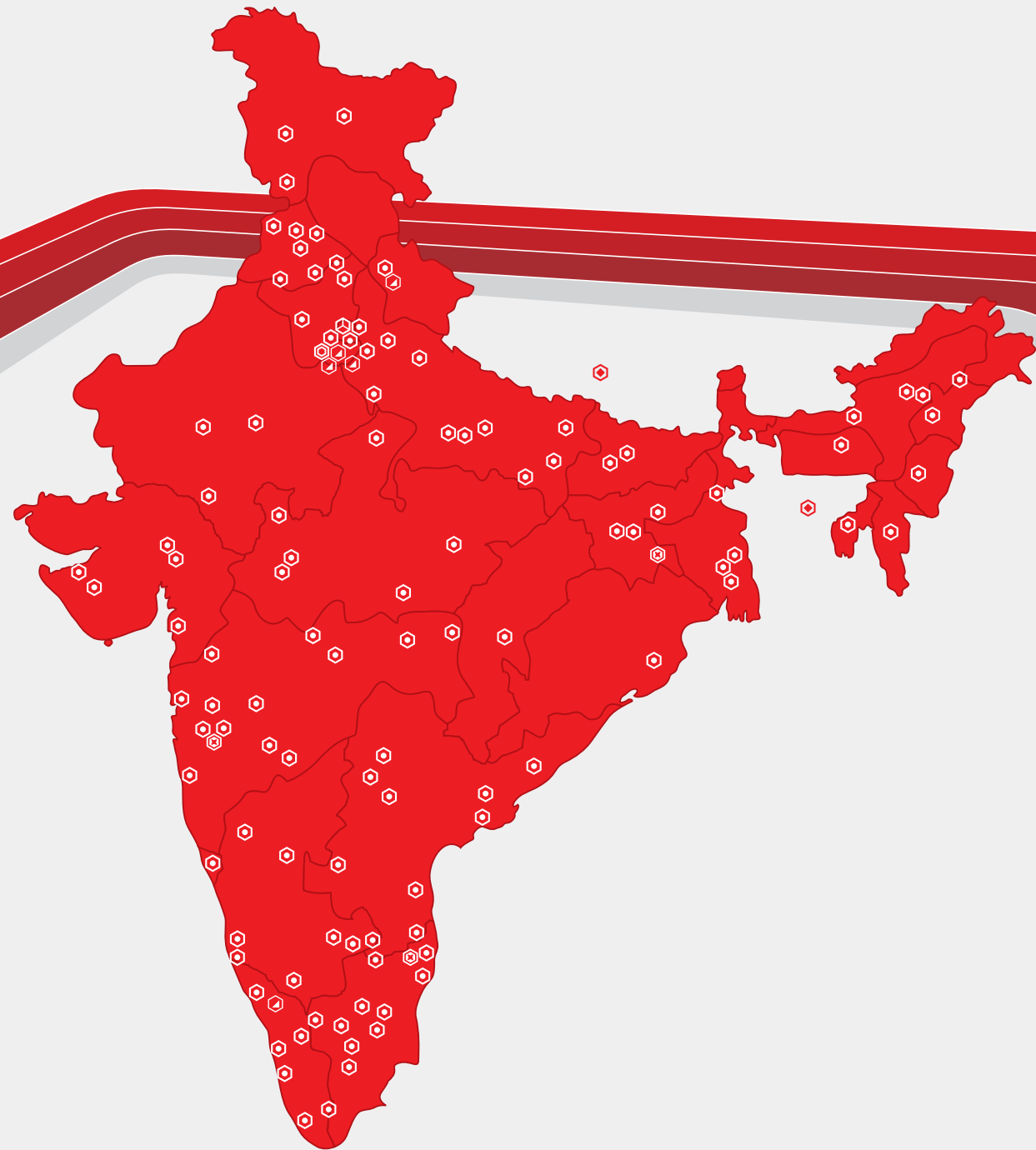
360° CUSTOMERS

The preferred supplier to all major OEMs in India, we at STL have used our experience and understanding to serve the needs of market better. By providing full traceability from quote to delivery and providing access to the STL product range in remote corners of the Indian subcontinent through our well established network, we have brought ourselves closer to our customers. That's why leading automobile companies in India and abroad have continued to place their trust in us.



- Commercial Vehicles
- Passenger Vehicles
- Engine Manufacturers
- Farm Equipment
- Two Wheelers
- Tier 1
- Aftermarket
- Export

STL REACH



LOCATIONS

-  **Head Office**
Faridabad
-  **Registered Office**
New Delhi
-  **Plants**
Faridabad
Ballabgarh
Prithla
-  **Regional Offices**
Chennai
Jamshedpur
Pune
-  **Sales Representatives**

Agra	Jalandhar
Ahmedabad	Jammu
Allahabad	Kanpur
Ambala	Kolkata
Bengaluru	Lucknow
Chandigarh	Ludhiana
Coimbatore	Meerut
Cuttack	Mumbai
Ghaziabad	Nasik
Gorakhpur	Patna
Gurgaon	Ranchi
Guwahati	Trivandrum
Hyderabad	Varanasi
Indore	

Overseas
Bangladesh
Germany
Italy
Nepal
USA

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