



# HAYES BOLT & SUPPLY

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Red **HOT** News

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## ISO 9001:2000 CERTIFIED WOMAN OWNED SMALL BUSINESS

### Steel fastener prices defy economic slowdown

After a 20% third quarter hike, steel prices are expected to jump sometime before the end of the year. Exactly when the increases will take effect and how much of an increase is not known at this time.

An important effect of the uncertainty is that steel fastener manufacturers are holding their quote valid for only **three days!!** Keep that in mind until year end.

The cost of steel represents 62% to 65% of the cost of a steel fastener. Taiwan steel prices are up 80% since the second quarter of 2007 and China is up 83%. That represents a 49% increase in the cost of fasteners from China.

### Terri elected to the board of LAFA

Terri O'Barski (pictured below), Hayes Bolt & Supply's Sales Team Lead, was elected to the board of the Los Angeles Fastener Association (LAFA) at a recent association meeting. Terri will serve a three-year term.

LAFA is made up of more than 140 fastener distributors, manufacturers, importers, and providers of secondary processes and other services to the fastener industry.

LAFA members are primarily located in the greater Southern California area, stretching from San Diego in the South to Santa Barbara in the North. They have many supplier members from other parts of the country as well.

### The Spotlight is on ... Products from Micro Plastics

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### Introducing Wave Springs From Rotor Clip



Terri at the 2008 Del Mar Show

[Larger Picture](#)

Rotor Clip has taken its expertise in processing and coiling wire to produce retaining rings and applied it to the manufacture of single-turn and multi-turn wave springs.

A wave spring is coiled flat wire with waves added to give it a spring effect. Wave springs are superior to coil springs in certain applications because they provide lower work heights with the same force. This not only provides for space savings, but also smaller assemblies that use less materials, hence lower production costs.

Wave springs can act as load bearing devices - compensating for accumulated tolerances in assemblies and providing end-play take-up. Wave springs exert a force, or preload on assemblies made to the low side of the tolerances snugging everything up. On the other end, they also give when parts are made to the high side of tolerances.

Single-turn wave springs are ideal for short deflection applications with low to medium forces. They are offered in a number of waves and material thicknesses, and designed for a wide range of bore and rod diameters. Single-turn wave springs are ideal for narrow radial wall dimensions, light duty & low clearance applications, and ball or roller bearing applications. Multi-turn wave springs are used for low force applications with large deflections and utilize nearly half the space as helical compression springs while producing the same force.

Rotor Clip can custom design a wave spring to fit your application, with as much as a 40% cost savings. [See Rotor Clip's stock of wave springs here...](#)

Have questions? Call us at (619) 231-5966 or email us [here](#).

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