

by Tanya Shih, Fastener World Inc.

ohn Chen Screw Ind. Co., Ltd. is dedicated to the manufacture and sales of stainless steel screws, selfdrilling screws, customized screws, and stainless steel wires in the range of mediumto-high level screws, and has taken significant presence in the market for a long time. As a fastener developer, President John Chen proudly demonstrated the newly developed **John Tek** after 16 years of R&D. He made an advance announcement that by 2014 the company could achieve a 30% increase in its annual revenue.

## Perfect Stainless Steel Screws with Drilling, Tapping, Corrosion Resistant Capability

In order to develop a perfect stainless steel screw with drilling, tapping, and corrosion resistant capability, President Chen noticed the trend ahead of the market and negotiated with a Japanese supplier manufacturing wires that contain nickel and molybdenum (with a patent valid for 20 years) starting from 1994 and was finally allowed to obtain the wires after 1996. Getting the wires is just the beginning to achieve success. In order to obtain the key technology of wire forging, John Chen purchased heat treating furnaces for tempering, adjusted production procedures, and negotiated with wire suppliers for getting the key technology, which required a long period of R&D and nearly NTD70 million capital and labor investment. "We can definitely say that the successful development of a new product represents the growth and achievement of a company," added President Chen.

The new screw has been certified after 3,000+ hours of salt spray tests conducted by two labs. In addition to certification

of its corrosion resistant capability, other attributes like surface hardness, mandrel hardness, torque, and tensile strength are clearly shown in the testing data sheets. The excellence of John Tek lies in the requirement for nearly Oppm quality and its price lower than that of Bi-Metal by 15-35%. This product has been privately circulating in the market since 2013 through orders of existing customers and gained great admiration. The slogan of "Replacing Bi-Metal" also spurred its success further. In 2014, John Tek will be officially available in the market and the success won't be far away.

## New Face in the New Year

John Chen's factory spans the area of 19,173sqm in Linkou, Taoyuan and jointly partners with the Yanmei based wire drawing factory. It has 6,500 product types and 3,000 tons of wires in stock. The vertical chain integrative production and sales offer flexibility and accurate lead-time. Products are sold to over 70 countries including Europe, the U.S., and Japan. In addition to the new product, John Chen has invested NTD0.14 billion in 2012 and expects to invest NTD60 million again in 2014 in purchasing new production and product testing equipment. John Chen not only lifts high waves in the market, but also shows its vibrant growth potential.