



ELMAS YAY

Quality is our core

PRODUCT CATALOGUE

www.elmasyay.com.tr

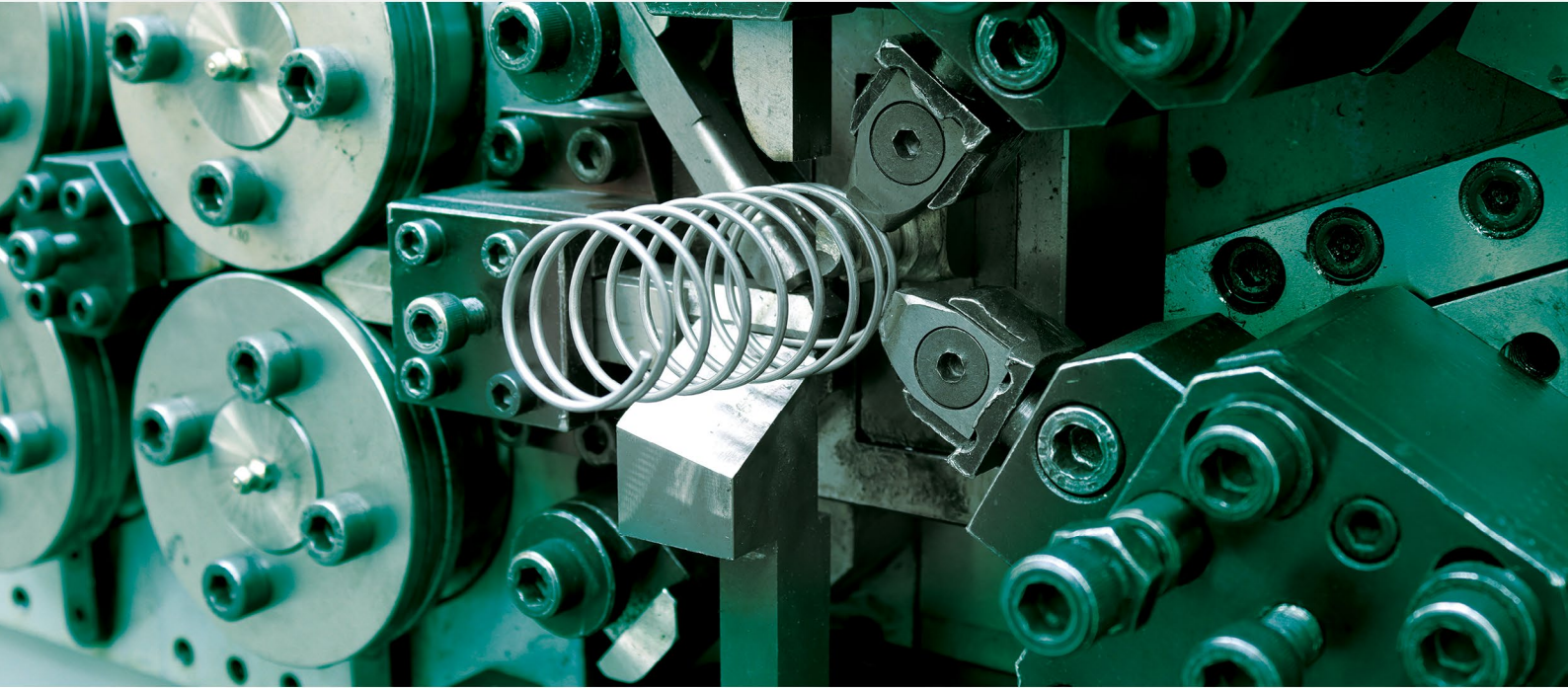


About us

Elmas Yay Ind. Trade. And co. Ltd. was established in 1966, in Konya. Within our organization; Agriculture, Automotive, Machinery, Defense Industry, Furniture, White Goods, Toys etc. springs are manufactured for the needs of any sectors.

Our company continues to strengthen its corporate culture with its renewed face and production understanding in 2010 and to grow its brand by strengthening its quality management systems. In our facility, all production processes starting from raw material supply are vigilantly controlled, compression/Pressure, extention/return, cocking and telform springs are produced and followed until the delivery to the customer.

With our product portfolio that appeals to every sector, by assimilating quality we aim to be a real example of the slogan of "Always for the better" and aim to continuously gain value in our sector.



Compression/Pressure Springs

Compression/Pressure springs are elements that are made of metal or metal alloy and meet this effect by stretching in the direction of the load, loaded on it, and when the load on it is removed, the spin can get its initial state with the effect of the energy stored between them. Compression/Pressure springs can be produced in different types, such as conical, barrel, hourglass, depending on where they are used.



Extention/Return Springs

Extension Springs are, made up of metal or metal alloy, obtained by helically winding a round wire. The heads of the extension springs are usually folded as a hook or ring. By keeping one end of these springs fixed, the other end is drawn and the spring stores energy. Thanks to this energy, when the force that applied to the spring is lifted, the spring begins to pull towards itself. Extension springs are generally produced as pre-stressed and with adjacent windings.





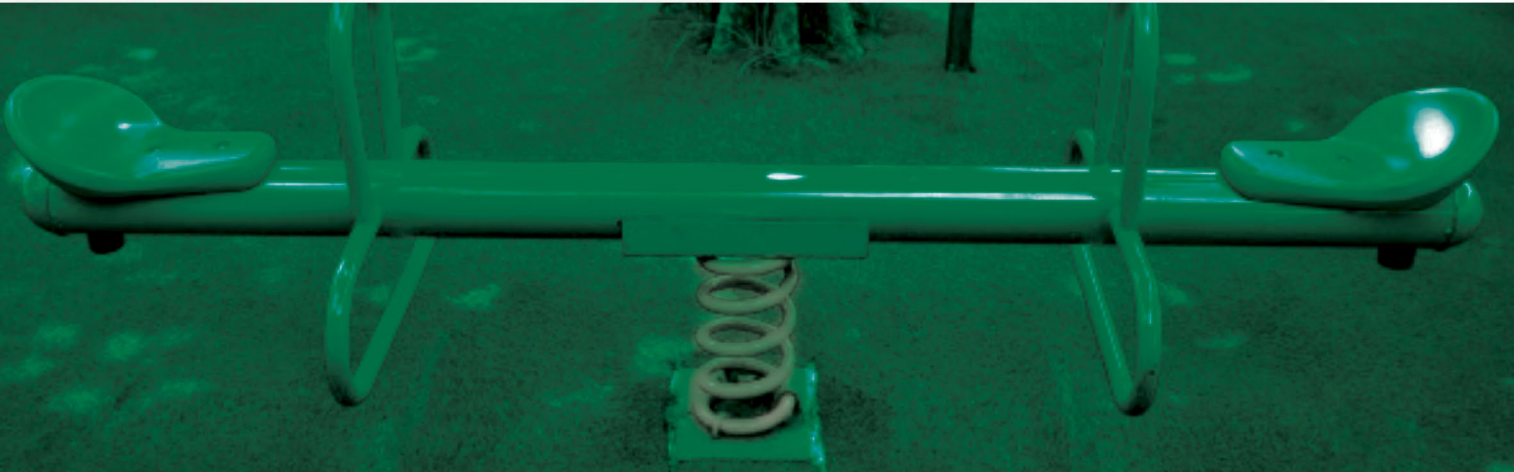
Telform Springs

Telform springs have unlimited design and usage areas. These springs are generally used in the purposes of transmitting motion, fixing, gripper etc. According to the customer's requests ,ring, clip, pin etc., they are manufactured in specially designed shapes.



Cocking Springs

Cocking springs store energy by applying torque to the spring arms; When the force effect disappears, they transmit moment to opposite direction of the force. The cocking springs must be operated in a direction where the spring diameters will decrease. Permanent deformation may occur if the spring diameter is operated in the opposite direction to the winding direction, in which the diameter will increase. While designing, it is thought that it will be operated in such a way as to reduce the spring diameter.





Agricultural Machine Springs

All kinds of springs that appeal to the machines in the agricultural sector are produced.





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