

TWE

**EXPERTISE AND COMMITMENT
IN DISTRIBUTING QUALITY**



COMMITMENT AND QUALITY

Expansion of our brand, combined with our innovation and market experience, led us to develop and provide the best solutions in parts with the highest applied technologies.

Our commitment to quality, through standardization and application of international standards, ensures that products follow reference levels and remain consistent in their performance, for the safety and satisfaction of all our customers.

With worldwide recognition in the spare parts market, TWE is present in 12 countries, carrying out the distribution of top-quality technological products.



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HOSES

Hydraulic hoses are important components that make all the connection between two points, in addition to having the main function of transporting solid, liquid or gaseous materials of low or high pressure. The hoses can have Helical Reinforcement or Braided Reinforcement, variations 4SH, R1, R2, R6, R12, R14, R15, R17.

Helical Reinforcement Hoses: In super high pressure applications, the use of helical reinforcement is recommended, which rotates to the opposite side in each layer and layers of even numbers are always used to balance the efforts exerted on the wires. And as with braided reinforcement, the layers of helical reinforcement are separated by an adhesive rubber coating to prevent friction between them.

Braided reinforcement: Textile reinforced hoses are used for low pressures, normally up to 100Bart



When this braid is high tenacity brass-plated steel wire, this hose can be used for medium and high pressure. This type of reinforcement can have from one to three layers, and always separated by a layer of adhesive rubber to avoid friction between the layers.

CHAINS

Agricultural: Agricultural chains are used in machines such as self-propelled harvesters, planters and forage harvesters. They can be used as light transmission elements and in the handling, lifting and storage of materials with additional applications such as harvesters for sugar cane, grains, cotton, coffee, among others.

Industrial: Industrial chains serve to transmit power. They are used in various machines to perform long or short distance transmissions. In addition, they have high efficiency in load transmission.



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■ BEARINGS

Bearings are used to reduce friction between moving machine parts. That is, transmitting a rotational action between an axis and other elements. Most bearings consist of an inner ring, an outer ring, several rolling elements (balls or rollers) and a rolling element separation cage. Check out the lines available here at TWE.

Line 6000: Line 6000 is part of deep groove bearings, one of the most popular types. They are versatile, have low friction and are used for low noise and vibration, allowing high rotation speed.

Line 33000: Bearings in the 33000 range have tapered inner and outer ring raceways and tapered rollers. They are designed to withstand combined loads, i.e. axial and radial loads acting simultaneously. Furthermore, they are also self-compensating.

Line 88000: Used especially in the agricultural sector, the 88000 line is recommended for harvesters and planters. It is designed to withstand extreme conditions and loads.



Its components are the inner and outer rings, balls and retainers.

Line UC/UF: Bearings from the UC/UF line have a locking mechanism by set screws and are indicated for industrial applications where normal loads are found.

Line Pillow Block: The Pillow Block line of bearings is comprised of a lightweight aluminum housing which is used to provide high strength and rigidity for some dimensions. Due to the lightness of the ball bearing, the forces caused by acceleration are low.

■ HOUSING

Housings are mechanical transmission elements designed to support equipment that has shafts and bearings. They are used in dynamic loads that may have some faults, so their choice must be well thought out and suitable for the service life of the equipment.



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■ BELTS

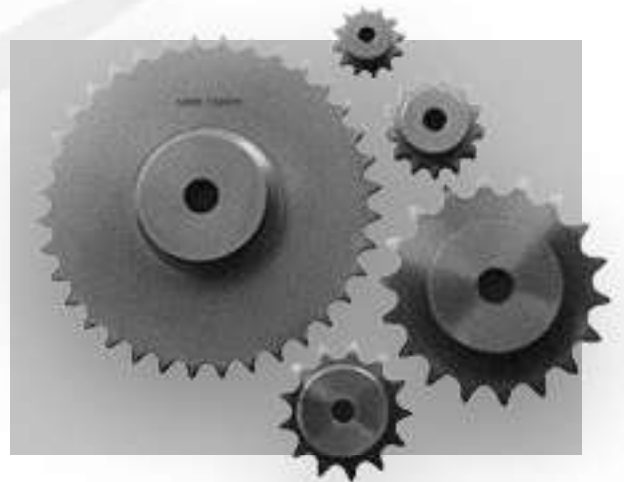
Agricultural: Agricultural belts ensure power transmission to machines even in dirty, dusty and wet conditions.

Industrial: Industrial belts are produced in flexible material, normally made in layers of canvas and vulcanized rubber, serving to transmit force and move one gear to another.



■ SPROCKETS

The sprocket is an element used in mechanical transmission. It has a cylindrical shape with ends cut like teeth. In addition, it is also used to transmit rotation and torque for rotary system control.



■ CUTTING DISCS

The cutting disc is among the main parts of planting and soil preparation. Used in several types of planters, seeders, harrows, plows and other equipment.

TWE supplies discs for plowing, harrowing, leveling and planting produced in microalloyed boron steel with heat treatment and available in different sizes and holes.





Here at **TWE** you will find a complete line of spare parts from the main brands in the market.

Please contact our exclusive vendor in Brazil, Telmac, and transform your business with the quality and technology that you will only find here with us.

TWE, a Telmac brand.

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