



NEW PRODUCT LINE

DISTITEC[®]

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DISTITEC

DISTINZIONE TECNOLOGICA

«The continuous ambition to quality is the highest priority for us and forms the basis of our success. The quality process begins with the performance of our commercial and technical department during that we analyze and identify the needs of our customers by offering them our best solution.»

Providing customized competitive solutions, benefiting from a high production, organizational and logistic flexibility

DISTITEC produces special roller bearings through own projects, trying to satisfy specific customer needs and performing interchangeable parts according to drawings or samples provided.

DISTITEC offers a reliable alternative to the main manufacturers of rolling bearings.

We are specialists in making segments of product selected within the field of steel industry and handling

DISTITEC's focus is indeed to guarantee a highly customized service, in order to provide the customer with a personalized response suited to his real needs, and not only

standardized to products already available on the market.

Our acquired experience in this field allows us to integrate, through continuous interaction with the customer, the required customization with professional advice during the design phase.

DISTITEC has achieved and continues to achieve excellent technological and qualitative results in the field of the steel industry (with back-up rollers for sheet levelling and straightening machines), metallurgy and industrial handling (with combined bearings and much more) both on the foreign and Italian markets .



PROJECT

Our technical department is highly qualified to provide the best support, designing and conducting useful studies to find the most suitable solution for the specific application required.



PRODUCTION

Thanks to a machinery inventory acquired and implemented in recent years, we are able to perform some types of mechanical processing internally

We also rely on expert subcontractors and suppliers to work and process every product which is dimensionally outside our range of production this cooperation allows us to realize a huge variety of special and customized products for every need.



SERVICES

We try to be a real point of reference for our customers through a service tailored to the needs of the machine builder, not only for the more purely productive and quality aspects, but placing on the same level also includes more practical issues such as compliance with delivery times, attention to packaging and flexibility in the stipulation of commercial agreements, allowing a high quality service at 360 ° for full customer satisfaction.

DISTITEC AXIAL TANDEM ROLLER BEARING "DSTA" SERIES

As a new line product Distitec presents and produces, customized tandem roller bearings for extruder gearboxes.

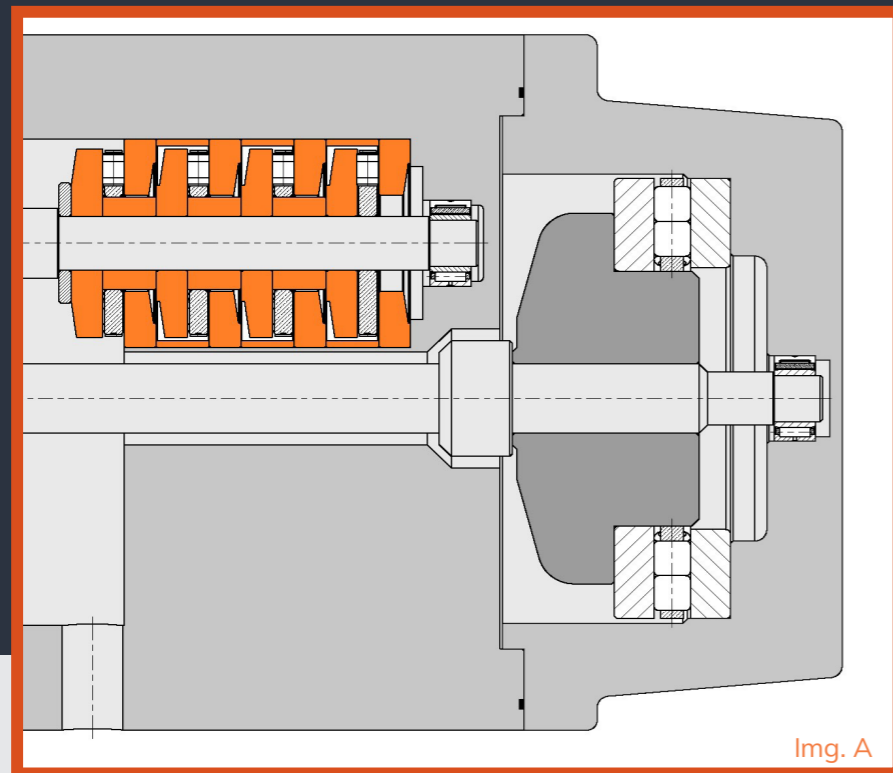
Tandem bearings offer an optimum solution wherever the following requirements apply:

- high axial forces
- small radial size
- heavy duty and long operating life

Tandem bearings are mainly used in gearboxes for single and twin screw extruder in industrial sector for rubber and plastics material (Img. A).

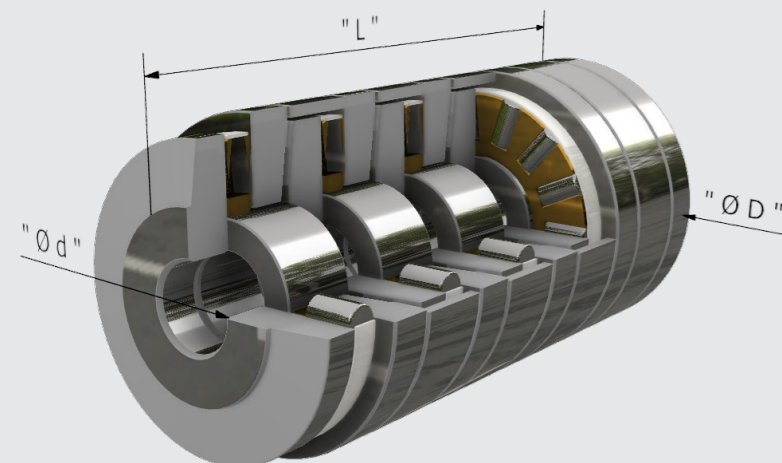
Any other possible applications are:

- deep hole drilling machines
- friction welding machinery



AVAILABLE BEARING SIZE

"DSTA" Distitec Tandem Axial bearings' production range will be available under customer's request, based on shaft (d) and housing (D) dimensions.

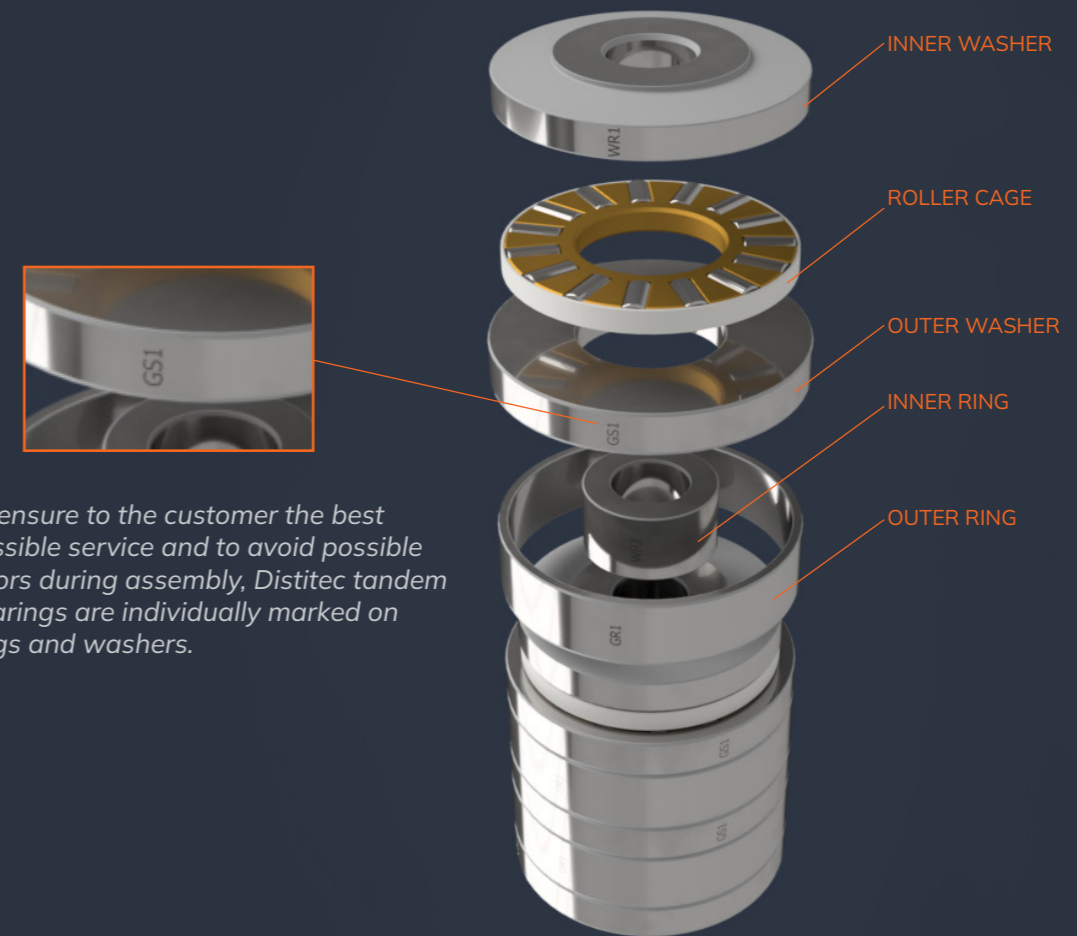


Width bearing (L) are designed by request of the customer, from minimum 2 at 8 stage maximum.

Model code example to order:

DSTA8ST25X100X289,5

- n. tandem bearing stages 8
- Shaft diameter d=25 mm
- Housing diameter D=100 mm
- Bearing width L=289,5 mm



To ensure to the customer the best possible service and to avoid possible errors during assembly, Distitec tandem bearings are individually marked on rings and washers.

TECHNICAL DESCRIPTION

Tandem bearings consist in many axial cylindrical roller bearings arranged in line, as per the above exploded view.

The system of rings and washers is matched to each other, in order to ensure that all stages of the tandem bearing work correctly by the load in exercise.

Rings and washers are made in throw hardening bearing quality steel.

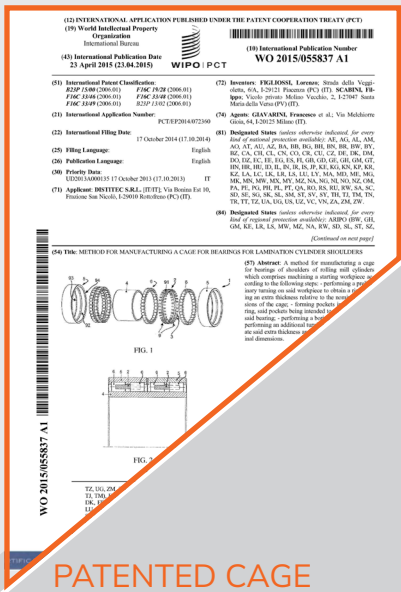
Regarding cages, they are machined in solid "Cu" alloy material with cylindrical roller "ZB" profile (*)

(*) For highly stressed application loads, with a minimum lot of production and rollers size request, we have engineered "HL" version with a special customized designed by DISTITEC.

Please contact our technical department for any other request.

CERTIFIED AND GUARANTEED QUALITY

DISTITEC undertakes every day to maintain competitiveness on the market while ensuring the quality of the product



PATENTED CAGE

In the field of rolling mills we have conceived a patented cage which is mounted in our 4-row cylindrical roller bearings (multirow/multi-track) for the necks of hot and non-hot rolling mills cylinders, with consequent improvement of the functionality of the bearing, guaranteeing better performances in terms of load capacity, speed and consequently in duration. These bearings are characterized by higher load ratings and admissible speeds than traditional bearings, while ensuring every match and interchangeability.



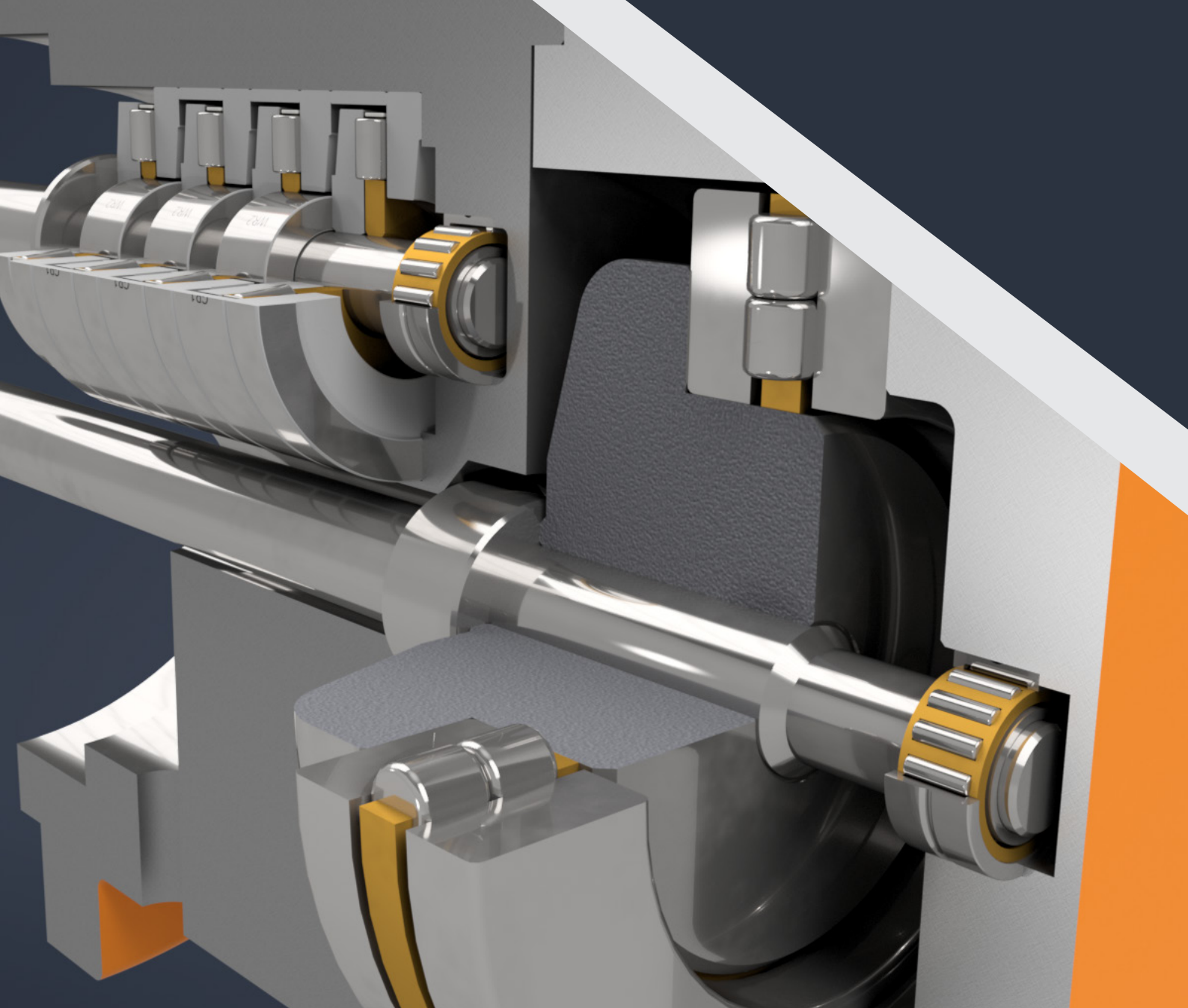
THE ISO 9001: 2015 CERTIFICATION

The ISO 9001: 2015 Certification proves Distitec ability to respond professionally, congruently and exhaustively to customer requests. For this reason, many buyers require ISO 9001 certified suppliers to minimize the risks of purchasing non-compliant products or services. A certified company will be able to achieve significant improvements in terms of organizational efficiency and product quality by minimizing waste, avoiding errors and increasing productivity.



TRADE MARK

Distitec® is a registered trademark. This trademark was filed in 2017 with the "European Union Intellectual Property Office". This guarantees the originality of the products and services offered by Distitec®.



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  Distitec Special Bearings

