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**LEADERS IN THE PRODUCTION  
OF BALLSCREWS**

# Index

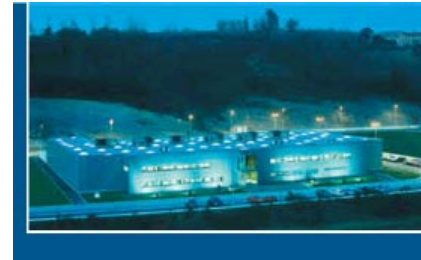
<b>1. Introduction</b>	<b>3</b>
• The Company	
• Evolution	
• Strategy	
• Location	
<b>2. Activity</b>	<b>5</b>
• Ballscrews	
• Quality	
• Technology	
• R&D	
• Human Team	
• Service	
• Other products	
<b>3. Product catalogue</b>	<b>8</b>
• Product range	
• Stock	
• No Stock	
<b>4. Sales services</b>	<b>11</b>
• Introduction	
• Sales network	
• Being part of our sales network	
<b>BIDETIK FOUNDATION</b>	<b>12</b>



## **The Company**

KORTA currently a consolidated business project, it holds first place in the Spain market for machine tool components and is an important supplier at international level.

KORTA has a great deal of experience in the design, production and marketing of ballscrews. Our constant effort to achieve the highest standards of quality means that we offer to the market a product of proven reputation at international level.



KORTA formed by a human team of skilled qualified staff offer to the market a service that provides customers with fast solutions adapted to their requirements.

## **Evolution**

In 1985 the original family company formula changed with the birth of KORTA with a workforce of 25 people. Having come to a distribution agreement in France with TECNIMATIC, in 1987 U-HAN became the distributor of KORTA ballscrews in Korea.

Although our export channels were getting off to a good start, we were nevertheless aware of the difficulties involved in such a task, hence the birth in 1990 of AMT, an association for the specific promotion of exports of which Joxe Mari Korta was appointed first chairman.

By 1992, the ballscrew business had grown substantially and the company had 47 workers on its payroll. But one of its challenges had yet to be met: to sell our products in Germany. A closed and complicated market, previous attempts to get in had never yielded the desired results. This led to the birth of TECO GmbH.

## **Strategy**

KORTA bases its business strategy on the production and marketing of ballscrews. Korta's growth and development is based in the following strategies:

- Our aim of offering the market quality products. DIN-ISO 9000 quality assurance.

- Internationalization. 70% of our production is taken up with exports, which travel to countries on the five continents.

Vast international experience, together with the ability to grow and progress, permit us to adopt a positive outlook when meeting the challenges of the new millennium with its increasingly global economic environment.

## **Location**

We have 30 years of experience in the ballscrew market. Personal effort means that our premisses have gained in size and quality.

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## Ballscrews

KORTA, an internationally recognized company with a strict QUALITY policy, holds of the ISO 9001 Quality Assurance certificate and introduce its new catalogue including a wide range of ballscrew sizes.

Constantly dedicated to providing the customer with only the best SERVICE, one of our newest features is our stock of a whole new range of DIN 69051 standard nuts.norma DIN 69051.

## Quality

At KORTA we work according to a strict policy of quality assurance, which has earned us Registered Firm Certificate no. ER-071/2/96 in compliance with UNE-EN ISO 9002 standard.



Measurement and certificate of the lead precision of a ballscrew by laser interferometer.



Measurement and certificate of dynamic preloaded torque of a ballnut.



Measurement and certificate of ball nut axial rigidity.



Measurement and certificate for Run-out and location tolerances of a ballscrew.

## Technology

One of the most typical features al KORTA is the air conditioning system, which keeps the plant at a constant temperature all year round.

This investment in technology, including an oil filtering and cooling centralized network, is aimed at obtaining the best possible precision in the process of manufacturing our products.

## **R&B**

Our test beds make possible for us to experiment with and simulate the life expectancy of ballscrews varying the work cycles and parameters.

Constant Machine-Tool innovation requires a parallel development of ballscrew fundamentals.

Backed by the advice of independent research centres, our R&D Department carries out studies and projects aimed at improving the behaviour of ball screws by means of surface treatments and new materials.

## **Human Team**

KORTA has a highly qualified team of 70 people who offer the market the vocation of a customer-oriented SERVICE providing solutions adapted to their requirements and a rapid response to all kinds of applications.

Ever since its birth, the people who work at KORTA have been the company's most valuable asset. People who represent the origin and the objective of the company.

A group of people who work together in harmony, based on a horizontal distribution of responsibilities, communication channels open to suggestions, and the mutual desire to solve problems in the most satisfactory way.

## **Service**

THE RIGHT SOLUTIONS. FAST ANSWERS

One of our main targets, and in fact one of our strong points, is to offer a service capable of meeting each and every one of our clients' needs.

A service created to guarantee fast solutions adapted to the requirements of the different companies.

Efficient assistance based on qualified technical support and a skilled professional team.

- Technical advice. KORTA includes a complete data bank ready to simulate ballscrew efficacy and performance. Thus we are able to advise on the most convenient ballscrew you may require.

- Ball screw repair service. Break-downs in 24 hours.

- On time delivery.

## **Other Products**

### **Worm gear drive**

We are the leading Spanish manufacturers of worm gear drives. Our experience and leadership in the market make us the principal producer of worm drives for elevator and motoreducer shaft industries. We manufacture a wide selection of ground worm drives ranging from module 0,5 to module 22.

### **Ground trapezoidal screws**

We manufacture a wide range of ground trapezoidal screws (Trapezoidal screws in diameters of 6-200 mm).

### **Ground threads**

We grind threads of shafts ranging from metrics 6 to 350.



**Product Range**

We offer to the market a wide range of precision ballscrews in a whole variety of diameters and leads.

Diameter	4	5	6	8	10	12	16	20	25	32	40	50	64
12	■	■											
16	■	■			■								
20	■	■	■		■			■	■				
25	■	■	■		■			■	■	■			
32	■	■	■	■	■	■	■	■	■	■			
40	■	■	■	■	■	■	■	■	■	■	■		
50		■	■	■	■	■	■	■	■	■	■	■	
63		■	■	■	■	■	■	■	■	■	■	■	■
80					■	■	■	■	■	■	■	■	■
100					■	■	■	■	■	■	■	■	■
120					■	■	■	■	■	■	■	■	■
160					■	■	■	■	■	■	■	■	■

■ DIN standard leads

The table shows KORTA's standard range of ballscrews. For any other sizes, please consult our Engineering Department.

PRECISION DEGREES

DIN, ISO			IT1		IT3		IT5		IT7
JIS	C0	C1		C3		C5		C7	






V300p(μm)	3,5	5	6	8	12	18	23	50	52
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## Stock

KORTA aims to keep ballscrew delivery times to a minimum, hence the wide range of sizes available in a stock that includes: KORTA standard and DIN 69051 standard ballscrews.

KORTA standard					DIN 69051 standard					
RS / RBS		UDBS			KBS		EDBS			
	Lead					Lead				
Diameter	5	10	5	10	Diameter	5	10	20	32	40
16					16					
20					20					
25					25					
32					32					
40					40					
50					50					
63					63					
63					80					

	RSB or RS single nut, rolled and ground.		KBS single nut, rolled and ground.
	UDBS double nut, ground.		EDBS double nut, ground.
			Non-standard lead.

You can find all of the updated information, such as the different sizes of nuts we have in stock, by visiting us at [www.korta-sa.com](http://www.korta-sa.com).

## No stock


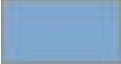

In addition to manufacturing ballscrews to customer's specifications, KORTA also offers a range of DIN 69051 NOT-IN-STOCK products advising on most common diameter/lead combinations.

		Lead												
Diameter		4	5	6	8	10	12	16	20	25	32	40	50	64
12														
16														
20														
25														
32														
40														
50														
63														
80														
100														
120														

		Lead												
Diameter		4	5	6	8	10	12	16	20	25	32	40	64	
12														
16														
20														
25														
32														
40														
50														
63														
80														
100														
120														

		Lead				
Diameter		20	25	32	40	50
16						
20						
25						
32						
40						
50						
63						

-  BS single nut with flange.
-  DBS double nut with flange.
-  BSL single nut with central flange.

You can find all of the updated information, such as the different sizes of nuts we have in no stock, by visiting us at [www.korta-sa.com](http://www.korta-sa.com).



**SALES SERVICES**

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**[www.korta-sa.com](http://www.korta-sa.com)**

## **Introduction**

Well aware to open new markets, and in view of the difficulties experienced by small and medium-sized Basque companies in order to market their products all over the world, in 1990 our company contributed to the birth of AMT, an association of which Joxe Mari Korta was first chairman.

Our sales network currently covers countries on the 5 continents: Spain, France, Germany, Italy, Korea, Japan, Australia, South Africa, India, USA, Finland, Austria, Czech Republic, Argentina... Exports involve 70% of our production.

Our international experience, together with the ability to grow and progress, permit us to adopt a positive outlook when meeting the challenges of the new millennium with its increasingly global economic environment.

## **Sales Network**

Our target market led us to improve our position with respect to our competitors, meaning that we continue to tackle the future with the certainty of success.

Years of effort and initiative mean that our products are now available on the 5 continents (40 countries).

## **Being part of our Sales Network**

If your company is interested in taking part in our Commercial Network, fill in the form available on our website, [www.korta-sa.com](http://www.korta-sa.com).



**BIDETIK FOUNDATION**

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**[www.korta-sa.com](http://www.korta-sa.com)**

Family and friends of the businessman Jose María Korta continue his dedication to social commitment. The Joxe Mari Kortaren Bidetik Foundation (In the steps of José María Korta Foundation) was created with the purpose of spreading the values and ideas which Joxe María so strongly defended during his life, and to promote a variety of comprehensive education and innovation initiatives among the new generations.



The Foundation's principal mission is to promote honesty, personal effort, constructive dialogue, committed humanism and love to the country. Values which played such an important part in Joxe Mari's life and which are essential to the social structuring of the Basque Country.