



# THE EASY LINK SOLUTION FOR DENTAL PROSTHESIS

#### No screws, no cement, no complications.

EASY LINK is a patented system by Eckermann of fixed and reversible prosthesis that does not need chimneys nor cement. Very easy to apply. It brings together all the virtues of screwed and cemented prostheses.

With the EASY LINK system you can perform dentures with both traditional procedures and with the new CAD-CAM technologies. Opening a wide range of possibilities to obtain prostheses of all kinds using latest generation materials

EASY LINK simplifies complete prosthetic rehabilitation providing maximum aesthetic results, eliminating screws, cement, chimneys and risks. EASY LINK allows you to decrease in consultation time (chairtime) by giving both the clinician and the patient optimal results in record time.

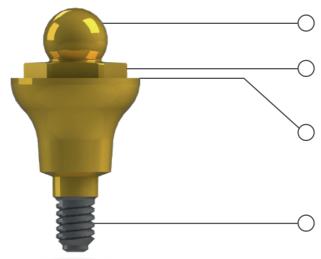
EASY LINK is recommended for any type of resolution both fixed and removable prostheses, except for unitary prosthesis.







#### THIS IS AN EASY LINK ABUTMENT



**Retentive sphere:** Provides prosthetic retention to the anchoring system

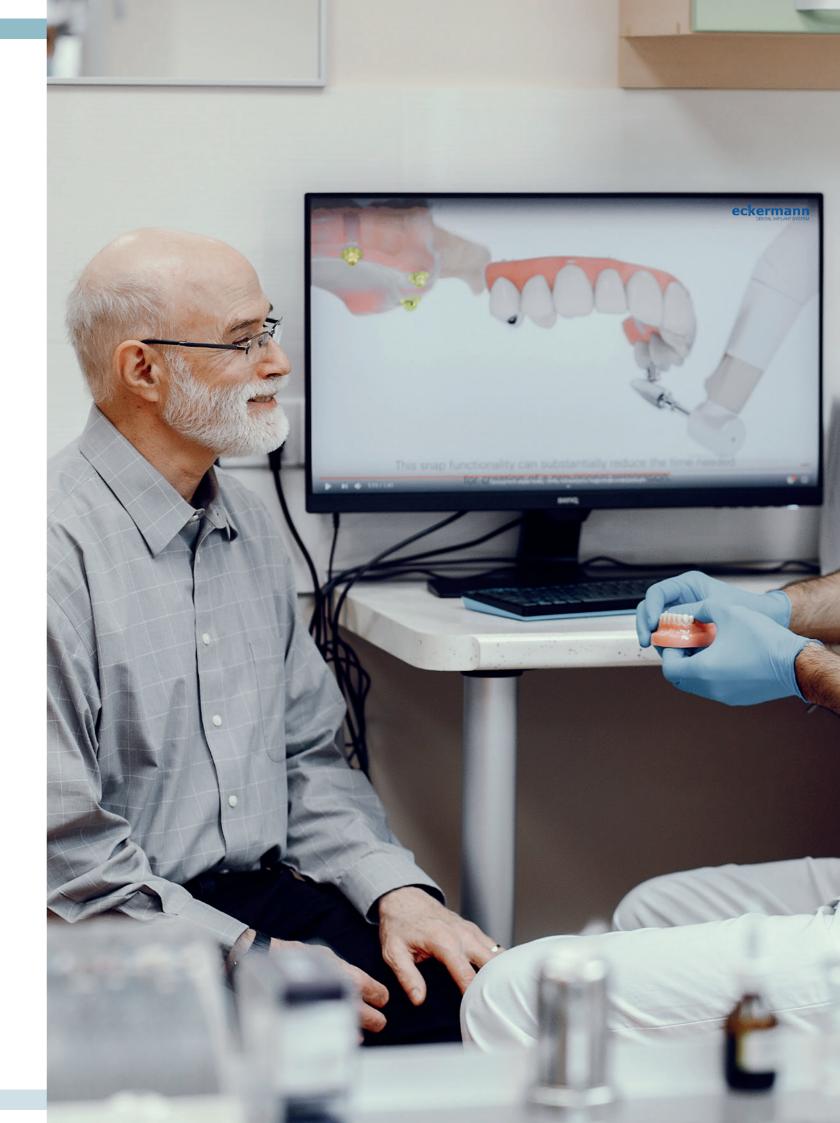
**Hexagon:** Allows tightening of the interface connector to the implant.

Circular support base: With a diameter of 6 mm or 4.5 mm (depending on the chosen abutment model), and where the prosthetic structures rest, achieving a perfect passive fit

Thread: To adjust it to the implant.

Titanium grade 5 (Ti6Al4V) nitride Patent N°: EP3034032





#### Simple, effective, aesthetic and robust.

Working with its components is surprisingly simple and fast. Allowing you to work with fixed full arch restorations without compromising its resistance or aesthetics. In addition, this anchoring system is hygienic and reversible, but avoiding the chimneys of the typical screwed prostheses.

The EASY LINK abutments are also respectful with the patient's biological space. Since once it is placed, there's no need to remove them back, therefore not breaking the union of the soft tissues to the surface of the abutment.





Milled shelter Cemented metal cap

#### Retention.

Thanks to its exclusive anchoring and retention system, there is no problem of loosening the prosthetic screws to the implant or the inconvenience caused by the cement remains, offering an optimal, aesthetic, functional and comfortable solution for the patient.

EASY LINK allows the clinician to decide what level of retention he wants to apply to the prosthesis by using the different retainers (identified by colors) made of state-of-the-art materials for dental applications.



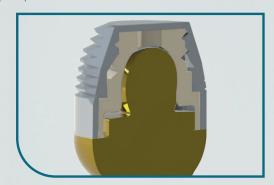
Exchangeable retainers for fixed or removable prostheses

Retention level

#### Ideal biomechanical support and distribution

EASY LINK abutments allow an angulation compensation of up to 20° between abutments, achieveing a prosthetic insertion axis with perfect passive adjustment, and in turn thanks to its platform, an extraordinary biomechanical distribution of the loads to the implant.

The EASY LINK abutment platform, 6mm or 4.5mm, allows a tight closure between the metal cap and the abutment platform at a 360°, with no material resilience since the contact is made between the metal cap and the abutment support platform.



#### One solution for all options.

By having different levels of retention (up to 4 levels), the clinician can offer solutions to the patient where a single prosthesis can be converted from removable to fixed in a very easy and simple way. Without complications or excessive loss of time.

The great versatility of EASY LINK is that in addition to being able to compensate up to 20° between straight abutments, we also have angled abutments (15° and 25°) for those cases where by the morphology of the patient's bone, or by the chosen surgical technique, it is required to place the implant with a greater angulation.

EASY LINK abutments are available in different gingival heights and for the various Eckermann connections.

EASY LINK has a whole portfolio of complements to perform prostheses with both traditional techniques and digital flow techniques.

(1) Abutment + Implant Healing abutment 6.0 → Natural Peek (Biege)

Impression REFERENCE

(4) Impression on healing abutment

4.5 → Pink

(1) Abutment + implant.

(2) Easy Link transfer.

(3) Healing abutment

(4) Easy Link analogue.

(5) Metal cap

Impression take WITH CONVENTIONAL **TRAY** 

# **Easy link evolution**

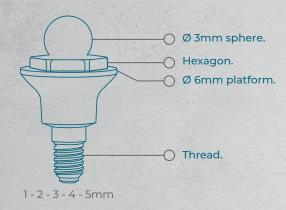
"The prosthesis revolution, without screws, without cement."

Adjustable and interchangeable fixings(retainers) for each of the prosthetic needs.

Reduce chair time and optimize treatment.

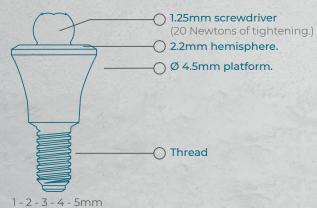
#### Patented by Eckermann.

#### Easy link Standar



#### Easy link narrow

Structure with less volume and more aesthetics



Easy Link Narrow abutments



#### Angled Easy link

2,5 mm

Two angulations of 15° and 25°. (With 1.8mm occlusal screw in Triplo and Winner and 2mm in Hexagon).

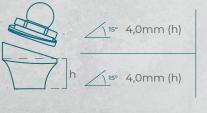
2,5 mm

4 mm

15° 3 heights 25° 2 heights

	5 mm	
Ø 3mm sphere. Hexagon. Ø 6mm platform.		
Connection	n. ()	







Angled twelve faces

#### **Easy Link abutments**

#### 6mm wide platform



#### Triplo

1,0mm (h) 2,0mm (h) 3,0mm (h) 4,0mm(h) 5,0mm(h)

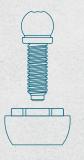
# Triplo Perio

1,0mm (h) 3,0mm (h)



All Spiral

3,0mm (h)

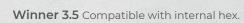


**Hexagon** Compatible with external hex. (branemark)

1,0mm (h) 2,0mm (h)

3,0mm (h) 4,0mm(h)

5,0mm(h)

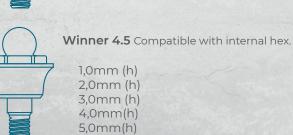


1,0mm (h)

2,0mm (h) 3,0mm (h)

4,0mm(h)

5,0mm(h)



#### 4.5mm narrow platform



Triplo



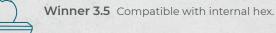


2,0mm (h) 3,0mm (h) 4,0mm(h) 5,0mm(h)



1,0mm (h) 2,0mm (h) 3,0mm (h)

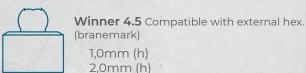
4,0mm(h) 5,0mm(h)



1,0mm (h) 2,0mm (h)

3,0mm (h) 4,0mm(h)

5,0mm(h)



3,0mm (h) 4,0mm(h) 5,0mm(h)

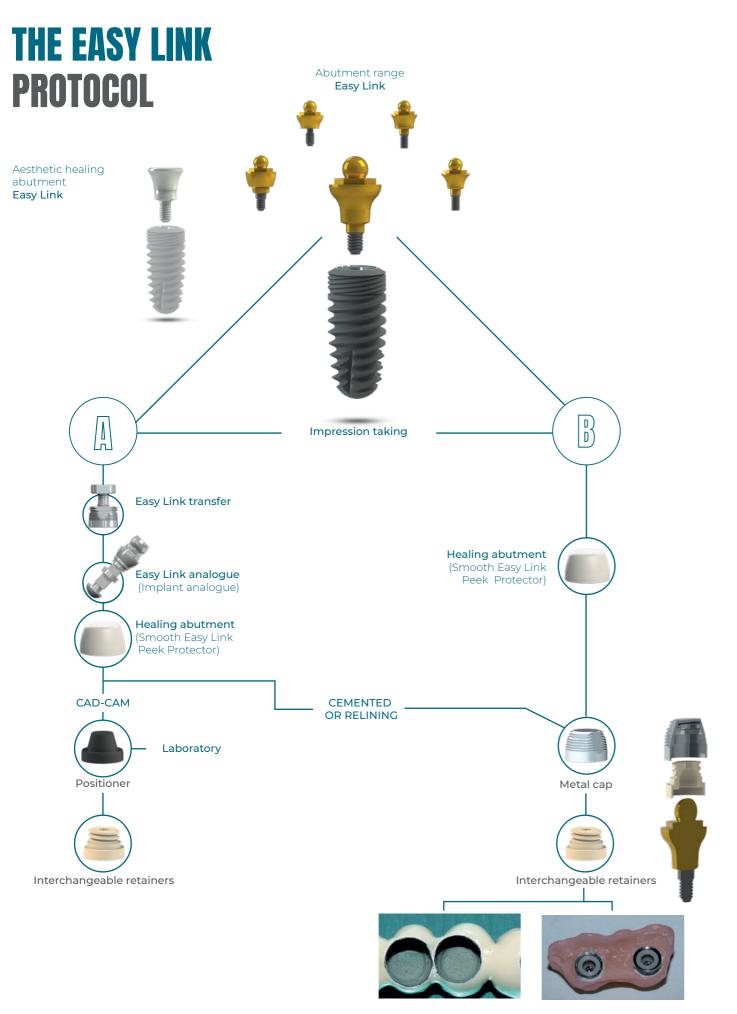
# Easy Link narrow platform (4.5mm) It is recommended:

·Always apply in areas of aesthetic compromise.

 $\cdot \text{ln}$  multiple cases, combine them with the 6mm platform Easy Link abutments.

·Contraindicated for unitary prostheses.

•Recommended torque 22 Newtons of tightening.





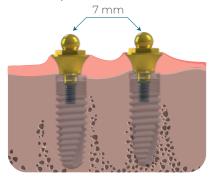
# IMMEDIATE LOADING

#### 1 Provisional (prior to surgery)

Have a provisional prosthesis as hollow as possible" before surgery, in order to reline directly in the mouth. "

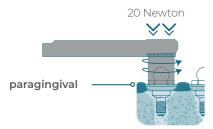


Distance between implant centers of 7mm at least.



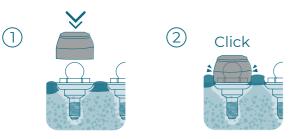
#### 3 Easy Link abutments (Gingival Height)

Measure mucosa to select the appropriate gingival height of each Easy Link abutment so that the circular platform is paragingival and screw the implant to 20 Newton.



#### 4 Healing abutment

Position the healing abutment by pressing on the Easy link sphere until you hear a "click" sound.



#### 5 Direct reline in mouth

Reline/rebase directly into the mouth with self-curing resin by inserting and removing the prosthesis several times so that it does not stick.



#### 6 Hygienic prosthesis design

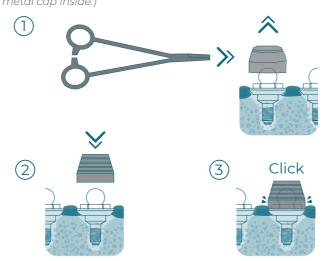
With the handpiece remove the palate, skirts and excess of material in order to obtain a fully hygienic fixed provisional prosthesis, designing, if desired, a comfortable place to pass the extractor cable (Rescue System).



#### Metal caps (striped / flat faces)

The healing abutments are removed (using lateral lever force with a needle holder instrument) and the metal caps with the retairners threaded inside are placed under pressure on the "Easy Link abutments" (until the "click" is heard).

(By using striped caps with flat faces, increases the retention of cement or resin and avoids the possibility of rotating the metal cap inside.)





### 8 Cementation or reline of the metal caps to the prosthesis

A small amount of definitive cement (or resin) is incorporated in the shelters that have remained in the prosthesis and it is cemented on the metal caps that we have placed in the mouth (striped / flat faces).

(It works as in the cemented technique to natural teeth).



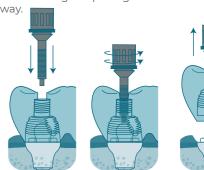


#### 9 Prosthesis Rescue / removal

Use a crown and bridge removal tool with a steel cable that embraces the prosthesis by gingival or by the extraction system that has been previously prepared in the prosthesis. With a single impulse, the prosthesis is disengaged from the spheres and easily removed. The patient could never remove them by traction (as long as the retainers with greater resistance are placed).



Another very effective rescue method is the **structure extractor**, inserting it through the chimney of the prosthesis we can extract it avoiding the pulling method and in a more comfortable way.

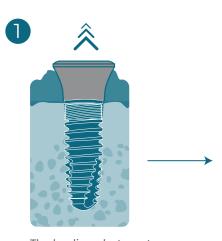




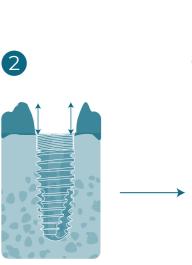
Compensates up to 40° of disparallelism (20° per implant)

It is advised that in definitive resin prostheses always make with metallic reinforcement.

# DEFERRED LOADING

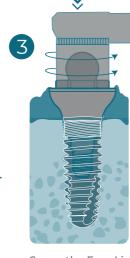


The healing abutments are removed from the implant.



The height of the mucosa is measured to choose the ideal Easy Link abutment. (The circular platform must be paragingival or supragingival.)

**IMPRESSION TAKE** 



Screw the Easy Link abutment with screwdriver or Easy Link driver to 20 Newton.



The transfers are placed in the mouth and we proceed to take the impression or test impression, preferably fluid-heavy silicone, once the impression material has set, we remove the tray by dragging the transfers with it, once removed from the mouth we reposition the EASY LINK analogues in the transfers and we proceed to the emptying of impression with plaster (preferably type III), obtaining the master or working model. To perform in the prosthetic laboratory all the fabrication procedures of the prosthesis until it is finally placed in the mouth. PROTHESTIC ABUTMENTS TO FINISH THE WORK

At the end of an with the patient, it is necessary to protect the tongue by placing the healing aboutment (smooth peek protector) on the Easy Link spheres.

In case of making the definitive prosthesis with the metal cap, the impression can be made with the steps of this process B, working directly like natural teeth, in a simpler way.

DIRECT IMPRESSION

with conventional tray

The healing abutments are placed on the Easy Link spheres in the mouth.

We take the impression preferably with alginate leaving the footprint of the metal caps in the printing material and we proceed to work in the laboratory as a traditional prosthesis.

Incorporating metal caps to the prosthesis in the mouth.



Metal caps



Retainer Little vertical dimension: CAD-CAM (Only)



Metal caps Sufficient vertical dimension (80% cases)

The rest of the steps will be performed as with conventional prostheses





Place the selected prosthetic components (metal caps, black or processed retention (ultralight)) on the Easy Link abutments.

Check that the structure fits correctly. Perform an occlusal record.

Remove the prosthetic components and replace the healing abutments or the provisional prosthesis (if applicable) on the Easy Link abutments

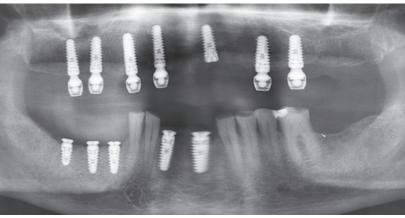


Place the selected prosthetic components (metal striped caps) on the Easy Link abutments.

Check that the prosthesis fits correctly.

Finally, apply the DEFINITIVE cement (in the appropriate amount) in the prosthesis shelters and cement over the prosthetic components directly in the

Note: In the CAD-CAM technique, the placement is done by pressing the definitive prosthesis on the Easy Link abutments directly in the mouth, since the definitive retainers are already incorporated in the prosthesis. These retainers have different degrees of retention (see page 16).



#### Easy Link procedure step by step Upper arch



Sphere



Transfer



Easy Link procedure step by step

Lower arch

Cementing abutments



Spheres in edentulous section



Direct impression taking with traditional tray



Work model and provisional prosthesis



Final prosthesis with ultralight test retainer



Cera-Metallic final prosthesis



Final prosthesis with 4 test retainers



Finished prosthesis



Cemented prosthesis structure



2 prostheses (Easy Link and cemented prosthesis)



Placement on mouth



Lip support



Cemented prosthesis and inlays in attritions



Oral rehabilitation

Page 13 Easy Link evolution Page 14 Easy Link evolution

# ABUTMENTS of 6mm



#### Triplo **CE** 0051

C 0031	REF.
1,0mm (h)	PB EL 1D
2,0mm (h)	PB EL 2D
3,0mm (h)	PB EL 3D
4,0mm(h)	PB EL 4D
5,0mm(h)	PB EL 5D

DEE



#### Triplo Perio € 0051

€ 0051	REF.
1,0mm (h)	PB EL IKT D
3,0mm (n)	PB EL IKT 3E



#### All Spiral

€ 0051 REF. 3,0mm (h) PB EL IST D



#### Hexagon 4.1

€ 0051	REF.
) 1,0mm (h)	PB EL
2 0mm (h)	חם בו

\_ IHT D 2,0mm (h) PB EL IHT 2D 3,0mm (h) PB EL IHT 3D 4,0mm(h) PB EL IHT 4D 5,0mm(h) PB EL IHT 5D



#### Winner 3.5

#### € 0051 REF. 1,0mm (h) PB EL IHI 35 2,0mm (h) PB EL IHI 35 2 3,0mm (h) PB EL IHI 35 3

4,0mm(h) PB EL IHI 35 4 5,0mm(h) PB EL IHI 35 5



#### Winner 4.5

#### € 0051 REF.

1,0mm (h) PB EL IHI 451 2,0mm (h) PB EL IHI 45 2 3,0mm (h) PB EL IHI 45 3 4,0mm(h) PB EL IHI 45 4 5,0mm(h) PB EL IHI 45 5

Driver: **LEL T** 

## ABUTMENTS # 4.5mm



<b>CE</b> 0051	REF.
1,0mm (h)	PB EL45 1D
2,0mm (h)	PB EL45 20
3,0mm (h)	PB EL45 30
4,0mm(h)	PB EL45 40
5,0mm(h)	PB EL45 50



#### € 0051 REF.

1,0mm (h)	PB EL45 35 1D
2,0mm (h)	PB EL45 35 2D
3,0mm (h)	PB EL45 35 3D
4,0mm(h)	PB EL45 35 4D
5,0mm(h)	PB EL45 35 5D



# Hexagon

	<b>CE</b> 0051	REF.
	1,0mm (h)	PB EL45 IHT 1D
1	2,0mm (h)	PB EL45 IHT 2D
	3,0mm (h)	PB EL45 IHT 3D
	4,0mm(h)	PB EL45 IHT 4D
	5,0mm(h)	PB EL45 IHT 5D



#### Winner 3.5

<b>€</b> 0051	REF.
1,0mm (h)	PB EL45 IHI35
2,0mm (h)	PB EL45 IHI35
3,0mm (h)	PB EL45 IHI35
4,0mm(h)	PB EL45 IHI35
5.0mm(h)	PB EL45 IHI35



#### Winner 4.5

	<b>€</b> 0051	REF.
	1,0mm (h)	PB EL45 IHI45 1
	2,0mm (h)	PB EL45 IHI45 2
	3,0mm (h)	PB EL45 IHI45 3
	4,0mm(h)	PB EL45 IHI45 4
<b>B</b>	5,0mm(h)	PB EL45 IHI45 5

Driver: **DH 17/DH 13** 

# **ANGLED ABUTMENTS**



#### Triplo € 0051 /15°

#### REF. PB EL A15 3 PB EL A15 4 PB EL A15 5 PB EL A15B 3 PB EL A15B 4 PB EL A15B 5



#### REF.

PB EL A25 3 PB EL A25 4\* PB EL A25B 3 PB EL A25B 4



Hexagon



REF.

PB EL A15 IHT 4 PB EL A15 IHT 5\*





REF.

PB EL A25 IHT 4



Winner € 0051

#### REF.

PB EL A15 IHI45 3 PB EL A15 IHI45 4 PB EL A15 IHI45 5 PB EL A15B IHI45 3 PB EL A15B IHI45 4 PB EL A15B IHI45 5





#### REF.

PB EL A25B IHI45 3 PB EL A25B IHI45 4\*



# **EASY LINK INSTRUMENTAL**



Easy link driver

**€** REF. LELT



1.25mm hexagonal screwdriver Easy Link Narrow

**€** REF. short DH 17 long DH 23



Torx screwdriver

**€** REF. short DT 17 long DT 23

# INTERCHANGEABLE **RETAINERS**



#### Easy Link retainers **€** 0051 REF.

Ø 6,0mm STRONG RRELF MEDIUM RRELM LIGHT RR EL L EXTRA LIGHT RR EL N



#### Ø4,5mm

STRONG RR EL45 F MEDIUM RR EL45 M LIGHT RR EL45 L EXTRA LIGHT RR EL45 N

Driver: **DH 17/DH 13** 



Easy Link metal cap

Ø6,0mm CMR EL Ø4,5mm CMR EL45

## **HEALING ABUTMEN**



Easy link Smooth Peek protector **€** 0051 REF.



Ø6,0mm MG L EL Ø4,5mm MG L EL 45

Page 16 Easy Link evolution Page 15 Easy Link evolution

# **LABORATORY**



Easy Link transfer REF.

> Ø6,0mm TM EL N Ø4,5mm TM EL45 N



Scan Body Œ

> Ø6,0mm SBEL\* Ø4,5mm SB EL 45\*

REF.



\* Double sphere: Replacement and work Œ REF.

Easy Link analogue

Ø6,0mm RP EL RT\* Ø4,5mm RP EL 45



Easy Link Positioner

REF.

Ø6,0mm PELCS Ø4,5mm PEL45 CS

(There are CAD-CAM libraries. And scanning directly to Easy Link)

# **EASY LINK PACK**



Ring

Easy Link retainers **€** 0051 REF.

EXTRA LIGHT

Ø6,0mm STRONG KD EL R MEDIUM LIGHT



Easy Link retainers

**€** 0051 REF.

EXTRA LIGHT

Ø 4,5mm STRONG KD EL45 R MEDIUM LIGHT









Tel. (+34) **96 530 64 64** 

C/ Irlanda, 2 Almoradí (Alicante) Spain info@eckermann.es

#### www.eckermann.es











