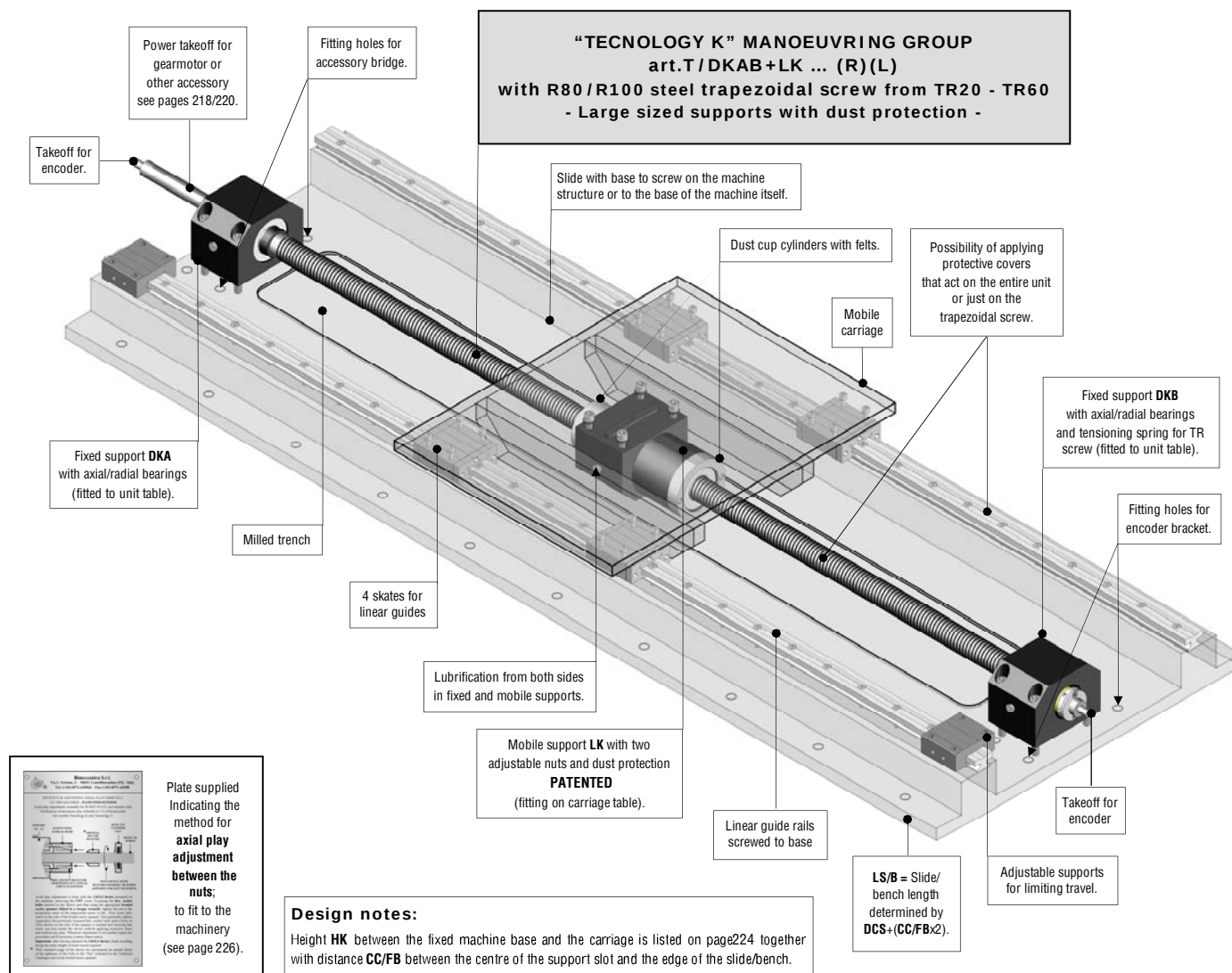


- **GROUP WITH SUPPORTS, DUST CUP CYLINDERS AND MULTIPLE NUTS FOR USE WITH HEAVY LOADS.**
 - Use with single screw or double screw in parallel with single drive.
 - Group with supports in nitrided steel of large dimensions with fitting directly onto the machine table with transversal tabs and fitting bolts, with multiple bronze flange nuts for axial play adjustment on the trapezoidal screw, with dust cup cylinders in the mobile supports and conical taper bearings in the fixed supports.
 - The “Tecnology K” mod.T/DKAB+LK Group is ideal for movements of **heavy loads horizontally** and has **axial play adjustment**. The Group can also be used vertically/obliquely with prior risk assessment relative to the specific application. The system, in addition to the significant amount of thread being held, allows control of the maximum nut wear, **tolerable to 1/4 of pitch**, so that, with due attention and adequate protection of the machine, the risk from eventual breaking of the nuts is contained. All this thanks also to notable dimensions of the supports and the possibility of increasing the thread being held using our **patented system of sleeve with conical bush MCB** that allows movement of a **load 25% greater** than the **Compact Steel** and **Excellent Steel Groups**. The axial play adjustment system together with the plate supplied to apply to the machinery are illustrated on pages 226-227. For use with maximum safety vertically/obliquely we recommend evaluating the use of **Tecnology safety KS** Groups described on the following pages.
 - The **CFB/M** nut together with the **CFB/HL** “long series” nut are used in the **Tecnology K** Groups, as in the **Tecnology J**, and **dust felts** are fitted at the edges of the of **LK** mobile supports to protect the thread profiles from external agents whilst also containing the lubricating grease within the nuts themselves. For vertical use with **garmotor** (or other) **above** the supports are arranged in the sequence shown in the diagram. In cases where the **garmotor** (or other) is **positioned below** the supports arrangement remains the same (always with the arrows facing downwards) but the screw is made with special terminals and a “/B” should be added to the article reference when ordering. For example **art.”T/DKAB+LK/B ... (R)(L)**.
 - The guarantees of functionality and safety (see point “g” on page 183) are determined by the proper use of the group together with perfect fitting on the machinery with the tabs inserted and the engraved arrows facing the same direction which, if used for vertical/oblique movements, should face downwards.
 - The Tecnology K models, differ from the Tecnology J presented further ahead, in that they are bought pre-assembled with the supports already inserted on the trapezoidal screw and the Group then bolted directly on the Manoeuvring Unit. If necessary, the mobile Support LK can be bolted from above the carriage as it has threaded bushes, fitted under pressure, in the countersunk holes. With prior agreement the mobile Support LK can be supplied with threaded holes tapped in the Support itself and thereby avoiding the use of threaded bushes.
- Our Groups are ready for the fitting of accessories such as **garmotors, handwheels, position indicators** and others. These items defined as “complementary accessories” are normally available from us, preselected according to the specially machined screw terminal, preassembled together with the supports that form the Group itself (**Group ready for rubber protective covers and complementary accessories detailed on page 265**).
- For the correct use of this Group we also recommend reading the technical instructions on pages 181 - 183.**

- **Indicative diagram of Manoeuvring Unit using “Tecnology K” Group with trapezoidal screw and axial play adjustment.**



Group with right threaded components available from stock; with left threaded components made to order.

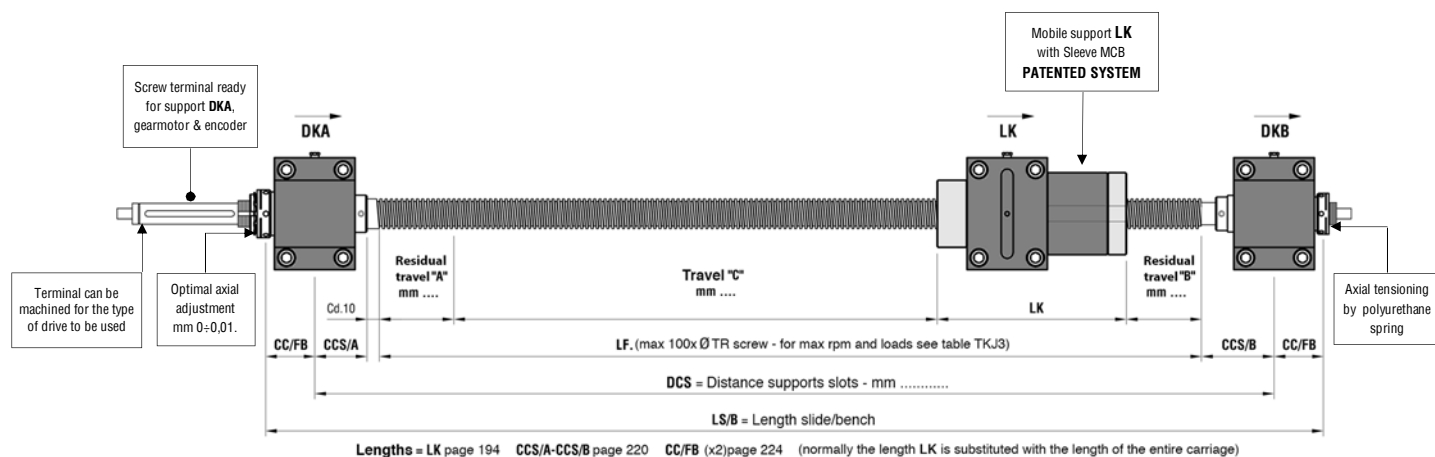
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- **TRAPEZOIDAL SCREW MANOEUVRING GROUP mod. “TECNOLOGY K”- art.T/DKAB+LK ... (R)(L) series 20 / 60**
- **Steel R80 /R100 Trapezoidal screw with maximum length of 100 times its diameter, ready for Tecnology K supports and accessories.**

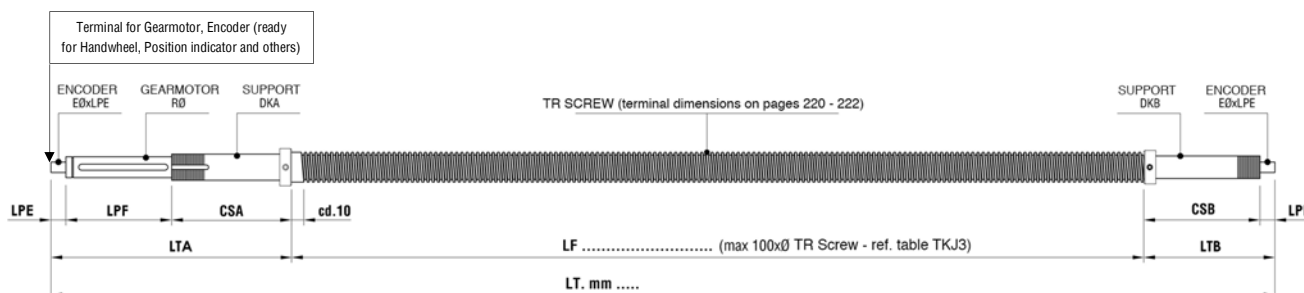
COMPOSITION OF GROUP WITH THE RELATIVE SUPPORTS:

- **R80/R100 Steel trapezoidal screw** (length to be defined).
- **art.DKA** Fixed steel support with axial/radial bearings.
- **art.DKB** Fixed steel support with axial/radial bearings.
- **art.LK** Steel mobile support assembled with:
 - Bronze “long series” flange nut **CFB/HL**.
 - Sleeve with conical bush **MCB** + nut **CFB/M**.
 - Dust cup **BP** with spacer **DDG**.

Fitting diagram of the Group on the slide
“Tecnology Application K” on page 230.



- **TRAPEZOIDAL SCREW DESIGN** of our FC threaded bar FC in R80 /R100 steel ready for the Tecnology K supports, gearmotor and encoder.
Trapezoidal screw terminal: for specific details please see pages 218 - 220, for general details please see pages 48 - 56.



- For sizing the Manoeuvring Group screw and consequent gearmotor, consult tables TKJ3/TKJ4 on pages 220 - 223 with subsequent compilation of this page quoting the Group in the points indicating “Travel A – Travel B – Travel C” together with the Questionnaire found on pages 64-65.
- Please send everything to our technical department for optimizing. For the dimensions of single supports and spare parts please see the following pages.

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