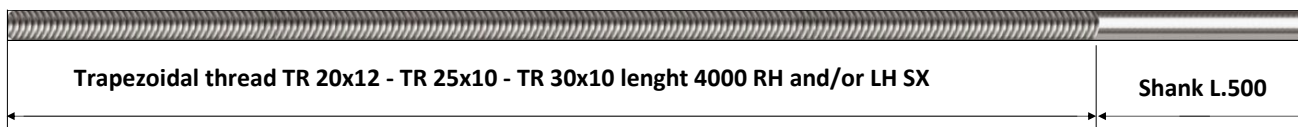


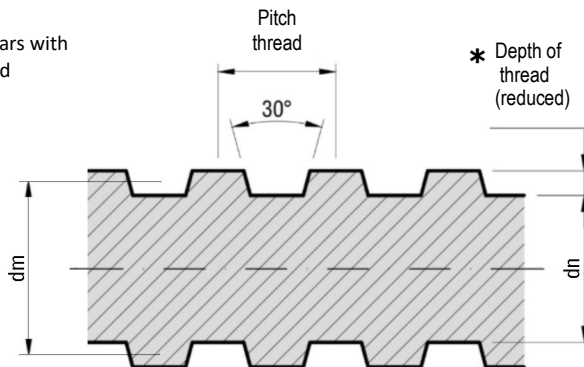
**"HIGH-HELIX" TRAPEZOIDAL THREADED BARS RH AND LH WITH ONE START AND REDUCED DEPTH OF THREAD**

(dn = internal diameter as standard "TR30° ISO", with same diameter as shown on page 30 technical catalogue BFC)



**ITEMS READY ON STOCK**

Trapezoidal threaded bars with reduced depth of thread



**Art.BFA/R50 TR 20x12x4000+cd500 RH and/or LH (ø 20 \*depth of thread mm 2,5 dm 17,30 dn 15)**

Steel R50 (CAN BE CUT TO REQUIRED LENGHTS)

Code RH = MA201240+05R

Code LH = MA201240+05L

**Art.BFA/R50 TR 25x10x4000+cd500 RH and/or LH (ø 25 \*depth of thread mm 3 dm 22 dn 19)**

Steel R50 (CAN BE CUT TO REQUIRED LENGHTS)

Code RH = MA251040+05R

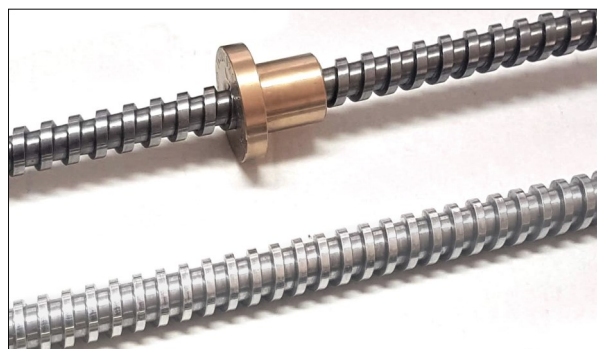
Code LH = MA251040+05L

**Art.BFA/R50 TR 30x10x4000+cd500 RH and/or LH (ø 30 \*depth of thread mm 3,5 dm 26 dn 23)**

Steel R50 (CAN BE CUT TO REQUIRED LENGHTS)

Code RH = MA301040+05R

Code LH = MA301040+05L



- We can produce on request bi-directional threaded bars with RH and LH thread made from one piece
- We can produce on request these bars in:  
Steel R80 - Steel R100 - Stainless Steel inox 303 - 304 - 316 - and aluminium alloy till L.3000.

**NUTS/LEAD NUTS FOR "HIGH-HELIX" TRAPEZOIDAL THREADED BARS**



**Trapezoidal thread TR 20x12 (dm 17,30) - TR 25x10 (dm 22) - TR 30x10 (dm 26) RH o LH**

**Available on stock in following shapes, dimension and material as the standard "TR 30° ISO" shown in this catalogue at indicated page with different pitch.**

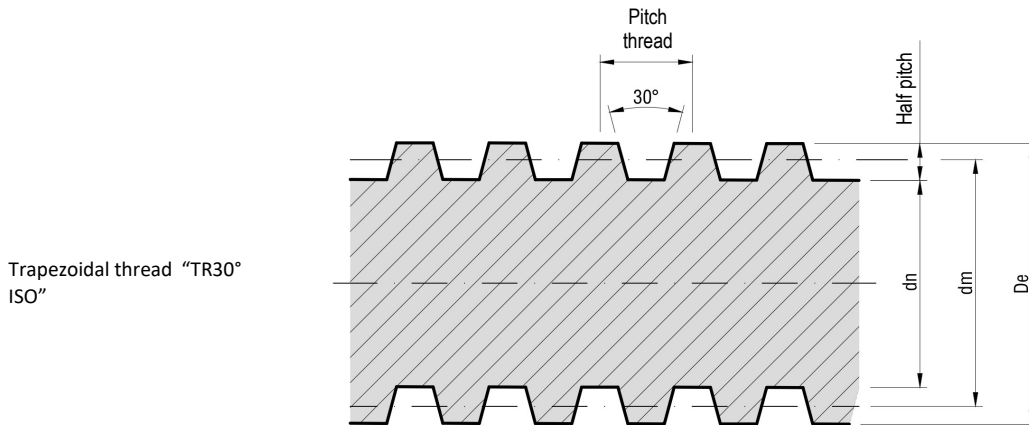
- Art. CFB** = Bronze flange nuts (high speed pitch) see dimension on page 5
- Art. CFB/SF** = Bronze flange nuts without holes for fixing (high speed pitch) see dimension on page 5
- Art. CFN** = Nylon flange nuts (high speed pitch) see dimension on page 5
- Art. CCB** = Bronze cylindrical nuts (high speed pitch) see dimension on page 6
- Art. CCN** = Nylon cylindrical nuts (high speed pitch) see dimension on page 6
- Art. CQO** = Brass square nuts (high speed pitch) see dimension on page 7
- Art. CQN** = Nylon square nuts (high speed pitch) see dimension on page 7

**ATTENTION:** If "high-helix" screws and nuts, are used for vertical or oblique movements can be subjected to backdriving.

Using "high speed pitch" screws and nuts allow to increase a lot linear speed. Theoretical table page 15 of Technical Catalogue BFC remain valid but you need to decrease maximum admitted load by the same percentage wherewith the linear speed has been increased. In addition, we recommend using motor with controlled acceleration/deceleration to help in initial and final phase of movements and/or motor with brake to avoid problem with backdriving. For safety solution, we recommend to see our "Safety Manoeuvring Groups" shown in Technical catalogue "GDM" available for download on our website.

**HIGH-HELIX TRAPEZOIDAL THREADED BARS FROM  $\varnothing$  35 TO  $\varnothing$  80 MADE ON REQUEST WITH RH and/or LH THREAD WITH ONLY ONE START— "TR30° ISO" - TILL PITCH 12 mm.**

Bars available in following types: **IF** = Fully threaded bars  
**FC** = Threaded bars with cylindrical shank  
**BID** = Bi-directional threaded bars with RH and LH thread made from one piece



- Example of ordination: Threaded bar TR 35x10x2000 RH INOX AISI 304
- Example of ordination: Threaded bar TR 40x10x3000 RH in steel R50
- Example of ordination: Threaded bar TR 50x12x4000 LH in steel R80
- Example of ordination: Threaded bar TR 60x12x5000 LH in steel R100
- Example of ordination: Threaded bar TR 80x12x5800 RH + 200 cylindrical shank in steel R50



Example of bronze nut with threaded bar TR 50x12 with cylindrical shank of the same nominal diameter of the threaded part

Nuts for this kind of "high-helix" threaded bars can be made with shape, dimension and material as our standard nuts shown in this "quick catalogue" on page 5, 6 and 7, or can be made on customer's drawing.

**What above-mentioned is also applied for realization of threaded bars and nuts with shorter pitch than our standard threaded bars and nuts "TR30° ISO"**

For technical information about our threaded bars see page 24 and 25 on our Technical catalogue "BFC", for information regarding raw material used to produce our various types of threaded bars see page 28 and 29 on above mentioned catalogue.

*ATTENTION: If "high-helix" screws and nuts are used for vertical or oblique movements can be subjected to backdriving. We suggest you to evaluate, when projecting, solution that can be useful to avoid this problem like motor with brake.*

*For safety solution, we recommend to see our "Safety Manoeuvring Groups" shown in Technical catalogue GDM available for download on our website.*