**Individual selection of the type for assembly in the existing chain drive ANSI Series**

If you desire to select the ROLL-RING chain tensioner for an already existing chain drive, independent of the transmission ratio, we recommend you to proceed as follows:

Measure in the area of the intersection between the inner crossing tangents of the chain drive the widest distance of the strands which have been pulled apart, via the centers of the chain joints (e.g.: \(D^* = 3.347\)”).

Measure the inner width between the sprockets (e.g.: \(A^* = 12.205\)”).

Determine the ANSI No. of the chain (e.g. 40).

Enter with this ANSI No. in the table "Installation and final dimensions for ROLL-RING chain tensioners/series ANSI" (to the right).

Select the appropriate group in the column "ANSI No." (e.g. 40).

Specify the article group (108 026 01, 108 030 01, 108 034 01).

Check within this article group to determine which of the articles fulfils the following values measured by you for \(A^*\) and \(D^*\) of the chain drive:

\[D^* > D \text{ and } D^* < d_0 (self-holding restriction) \text{ and } A^* \leq A (working area restriction).\]

Articles fulfilling this condition are suitable for your chain drive. For example the article 108 026 01 fulfills these conditions.

This means that you have determined the matching article. If there are several types with various numbers of teeth within the article group, you should decide in favor of the article with the largest number of teeth.

The ideal assembly position is in the area of the intersection of the inner tangents.