

# item

## Presse-Information

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### Stainless steel linear technology – roller guides for many uses

Roller guides have earned a permanent place in automation technology as the basis for innumerable linear movements – hardly surprising when one considers that they are unbeatably flexible and capable of supporting very heavy loads. item's MB Building Kit System offers almost all sizes of roller guides which can be attached without any machining to the profiles making up all the item lines. As a result, it is always possible to select a solution which is both technically optimised but also economical.

Now, the range of possible applications of these universal Linear Guides has been extended still further. item is launching a new version made of stainless steel. By doing so, the market leader for modular engineering systems, based in Solingen, Germany, rises to meet the challenge of applications designed for moist or corrosive environments in which conventional corrosion-protected designs are just not up to the job. In addition, certain cleanroom conditions do not permit applications containing zinc to be used. Due to the use of optimised chromium steels, the new stainless components for Roller Guides D14 are capable of withstanding high loadings with no additional corrosion protection. In launching these new stainless components for linear applications, item is applying its consistently-held philosophy of making all the basic components in the MB Building Kit System available for use in the most unfavourable environmental conditions. Apart from the profiles themselves being made of hard-wearing aluminium, item already supplies all the basic fastening elements as stainless equivalents.



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