

Strong sprinter for Inox and steel materials

Drills - The high-performance solid carbide Speed-Max drill from the tool manufacturer Inovatools is made for drilling at high feed rates in stainless steel (Inox), tool steels and standard steel. With drilling dimensions of 3xD, 5xD and 8xD, the tool specialists cover a wide range of applications.

Inox and all other steel materials covered by this general term are being used more and more frequently in industrial component production thanks to their special characteristics, such as very good mechanical and thermal capacity as well

as good corrosion and erosion resistance. In order to machine this popular material economically and with excellent surface qualities, however, high-performance precision tools whose substrate, geometry and coating have been optimally designed for high edge zone hardness and material toughness are required.

With the SpeedMax product range (3xD, 5xD, 8xD; Ø 3.00 mm to 20.0 mm in each case), Inovatools provides inner-cooled SC drills that can very easily master the challenges posed by the material.

The basis of the tool is formed by selected carbide that gives the tool a strong, robust core. The special cutting geometry ensures that high feed rates are possible with reduced cutting forces.

Thanks to the special lifting frontal polished section and the 6-surface tip, the Speed-Max is self-centring and generates the optimum chip shape required for ambitious cutting data. The coating is temperature and oxidation-resistant and has a low tendency to stick to metals.

inovatools.eu



Source: inovatools Eckerle & Eitel

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