

HORN 968 system

Working with Index MS multi-spindle lathes in mind and partnering with Ernst Graf GmbH, HORN has developed the modular 968 base carrier system with interfaces of type 842 (845 in the case of MS52).

It is designed for existing cartridges used with S100 cutting inserts, in both left-hand and right-hand versions to accommodate different parting-off positions. Cartridges for cutting widths of 2/2.5 and 3 mm (0.0787"/0.0984" and 0.1181") therefore fit in both left-hand and right-hand base carriers. Both the cartridges and the base carriers feature internal cooling, with the option of feeding in the coolant via the machine-side interface or from an external location. All the base carriers are height-adjustable, while a stop plate makes it possible to change the workpiece length. The stop plate is secured to prevent it twisting. The base carriers are secured on the machine using a prism and clamping claws. Left-hand Graf cartridges are also available for VC11 and DC07 ISO cutting inserts with an 842/845 interface.

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Image captions:



Image 1: 968 modular base carrier system.

Image credits: Paul Horn GmbH, Nico Sauermann

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