

– Press release



Caption: The new double-sided ISO indexable inserts from Walter with "RP7" geometry ensure maximum process reliability in rough turning processes thanks to their ground contact surface and optimised profile with tailored protective chamfer. Tiger-tec® Silver coating technology guarantees to extend tool life and thereby lower the cost of new tool investment

Image: Walter AG

New RP7 geometry with Tiger-tec® Silver technology

Maximum process reliability, longer tool life and lower costs

The new double-sided ISO indexable inserts from Walter with "RP7" geometry ensure maximum process reliability when rough turning by combining a ground contact surface with an optimised profile that has a tailored protective chamfer to guard against fracturing. Tiger-tec® Silver coating technology guarantees to extend tool life and thereby lower the cost of new tool investment. Costs are also significantly reduced by having double the standard number of cutting edges on each indexable insert in comparison to the usual single sided style insert promoted for roughing. These properties, in conjunction with the optimised geometry, make the new indexable inserts the ultimate "problem solvers" for users, especially those working under difficult machining conditions.

This geometry offers an alternative to the MP5/RP5 geometry when a more robust cutting edge is required. It is particularly suited to working on applications that include heavily interrupted cuts, forged parts with variable machining depths, and is also ideal for roughing steel materials with medium to heavy skins. The new geometry is available in the four basic shapes CNMG., SNMG., TNMG.. and WNMG., and in the grades WPP10S, WPP20S and WPP30S.

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