



STARTEC XP-P
METAL-BONDED GRINDING TOOLS
FOR FLUTE GRINDING

A Company of the SWAROVSKI Group
www.tyrolit.com



STARTEC XP-P

With the STARTEC XP-P product line, TYROLIT offers a leading solution for high-performance flute grinding of tungsten carbide and HSS cutting tools. The excellent cutting performance combined with extended intervals between resharpener cycles significantly improves and optimises your grinding process. Via the comprehensive array of STARTEC XP-P flute grinding wheels or in combination with the high-performance STARTEC XP-P cup wheels, TYROLIT offers you a wide field of application.

Application

Flute grinding of TC and HSS cutting tools



+ Increased feed speed:

The brittle/hard metal bond in combination with diamond or CBN grain reduces grinding forces and enables the feed speed to be increased by up to 30 percent.

+ **Simple truing:** Due to the innovative metal bond, the grinding wheel can be trued in the shortest possible time.



+ Optimum edge retention:

The special combination of bond, diamond quality and grit size extends the dressing interval and guarantees consistently high tool quality.

+ Sharpening stick included:

Roughening with the sharpening stick before initial use is required, as the product is supplied in the unsharpened condition.

Example application

Workpiece: Cutter d=16 mm, 4 cutting edges K10 tungsten carbide
Machine: ANCA TX 7 / Cooling lubricant: oil
Grinding wheel: D54 MXPP

Grinding time reduced by 30%



Grinding forces reduced by 31%



STARTEC XP-P stock program:

Shapes 1A1, 14A1 and 1V1

Diameter range from 75 to 150 mm.

Specification D54 MXPP for tungsten carbide and B126 MXPP for HSS

Customer-specific wheel designs available on request.