

THE HIGH-PERFORMANCE CORDRILL TiN COATED MADE IN GERMANY BY JEPSON POWER



THE HIGH-PERFORMANCE CORDRILL TiN COATED PROPERTY

TiN displays very high abrasion resistance and low reactivity. Therefore tool wear is reduced due to cold welding. The TiN coating enables the machining of hard steels and stainless steel (in contrast to HSS-Co for conventional steels).

RANGE

- Fully hardened, TiN coated HSS core drills
- Available from Ø 12 mm (**490212TiN**) to Ø 60 mm (**490260TiN**) with 19 mm Weldon shaft
- Cutting depth 30 mm
- Set **490145TiN** 12, 14, 16, 18, 20, 22 + Pilot Pin

Coating Properties

Hardness	2.300 ± 200 HV
Max. application temperature	500 °C / 930 °F
Coefficient of friction against steel	0,6
Coating thicknesses	1 - 4 µm
Colour	gold



THE MACHINING COMPARISON IN TOOL MACHINERY STEEL



TiN Drill Ø 20 mm

more than 29 drill holes

per hole in
28 seconds



HSS-Co Ø 20 mm

5 drill holes

per hole in
42 seconds

PERFORMANCE
RELIABILITY
COST-EFFECTIVENESS