

"GOLDFINGER"



THE HIGH-PERFORMANCE CORE DRILL TIN COATED

Fully hardened, TiN coated HSS core drills:
from Ø 12 mm (490212TiN) to Ø 60 mm (490260TiN)
with 19 mm Weldon shaft and 30 mm cutting depth.



| Reference | Ø [mm] |
|-----------|---------------------------|
| 490200 | Pilot pin 075 (Weldon 19) |
| 490212TiN | 12 |
| 490213TiN | 13 |
| 490214TiN | 14 |
| 490215TiN | 15 |
| 490216TiN | 16 |
| 490217TiN | 17 |
| 490218TiN | 18 |
| 490219TiN | 19 |
| 490220TiN | 20 |
| 490221TiN | 21 |
| 490222TiN | 22 |
| 490223TiN | 23 |
| 490224TiN | 24 |
| 490225TiN | 25 |
| 490226TiN | 26 |
| 490227TiN | 27 |
| 490228TiN | 28 |
| 490229TiN | 29 |
| 490230TiN | 30 |
| 490231TiN | 31 |
| 490232TiN | 32 |
| 490233TiN | 33 |
| 490234TiN | 34 |
| 490235TiN | 35 |

| Reference | Ø [mm] |
|--------------------|---|
| 490236TiN | 36 |
| 490237TiN | 37 |
| 490238TiN | 38 |
| 490239TiN | 39 |
| 490240TiN | 40 |
| 490241TiN | 41 |
| 490242TiN | 42 |
| 490243TiN | 43 |
| 490244TiN | 44 |
| 490245TiN | 45 |
| 490246TiN | 46 |
| 490247TiN | 47 |
| 490248TiN | 48 |
| 490249TiN | 49 |
| 490250TiN | 50 |
| 490251TiN | 51 |
| 490252TiN | 52 |
| 490253TiN | 53 |
| 490254TiN | 54 |
| 490255TiN | 55 |
| 490256TiN | 56 |
| 490257TiN | 57 |
| 490258TiN | 58 |
| 490259TiN | 59 |
| 490260TiN | 60 |
| 490145TiN | Set Ø 12, 14, 16, 18, 20, 22 mm + pilot pin |
| 490145InTiN | Set 9/16" 5/8" 11/16" 3/4" 13/16" 15/16" + pilot pin |



TiN means very high abrasion resistance and low reactivity. Therefore tool wear is significantly reduced by coating. The TiN coating enables the machining of hard steels such as ST 52 and stainless steel (in contrast to HSS-Co for conventional steels)

Range

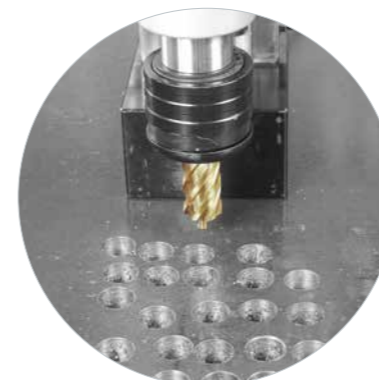
- Fully hardened, TiN coated HSS core drills
- Range from Ø 12 mm (490212TiN) to Ø 60 mm (490260TiN) with Weldon shaft 19 mm
- Cutting depth 30 mm
- Set 490145TiN 12, 14, 16, 18, 20, 22 + pilot pin
- Set 490145InTiN Ø 9/16" | 5/8" | 11/16" | 3/4" | 13/16" | 15/16" + pilot pin

Coating properties

| | |
|----------------------------------|-----------------|
| Hardness | 2.300 ± 200 HV |
| Maximum temperature | 500 °C / 930 °F |
| Coefficient of friction in steel | 0,6 |
| Coating thicknesses 1 - 4 µm | 1 - 4 µm |
| Colour | gold |



The machining comparison in tool steel ST 52 thickness 20 mm



TiN drill Ø 20 mm
More than 29 drill holes
Bore in 28 seconds



HSS-Co Ø 20 mm
5 drill holes
Bore in 42 seconds