



**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

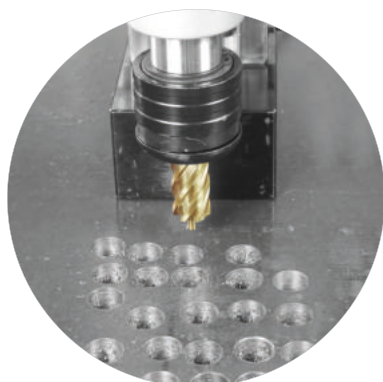
- Fully hardened, TiN coated HSS core drills
- Range from Ø 12 mm (490212TiN) to Ø 60 mm (490260TiN) with Weldon shaft 19 mm
- Cutting depth 30 mm
- Set 490145TiN 12, 14, 16, 18, 20, 22 + ejector pin



### 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
Colour	gold

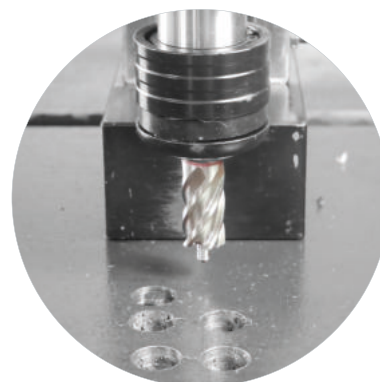
### The machining comparison in tool steel ST 52 thickness 20 mm



**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**

# THE 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
<b>490145TiN</b>	<b>Set Ø 12, 14, 16, 18, 20, 22 mm + pilot pin</b>