

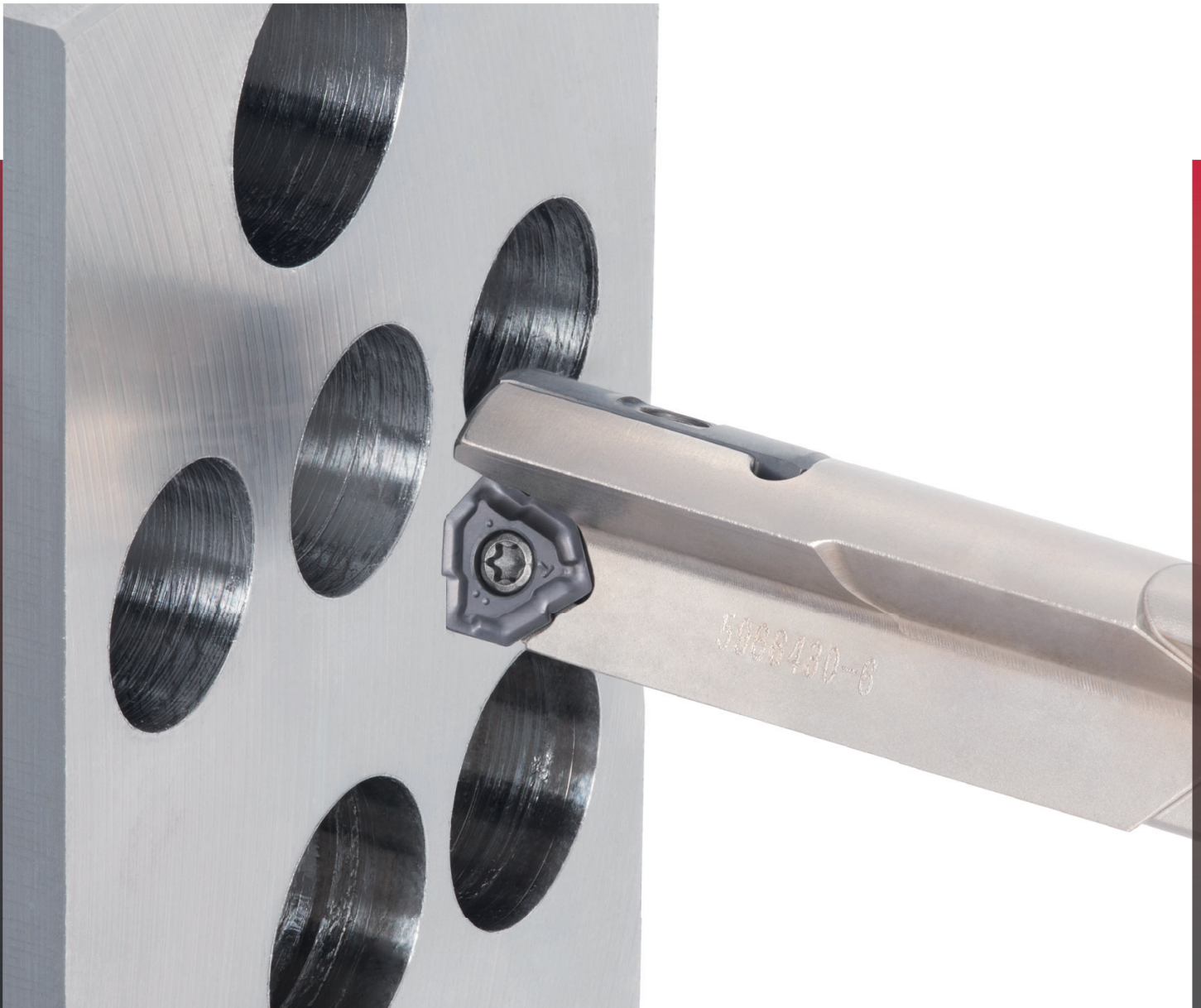
Deep hole drill

DEEPT^{RI}DRILL

Tungaloy Report No. 430S2-G

Indexable deep-hole drill series

**Now offers AH9130 grade inserts,
providing exceptionally long tool life**



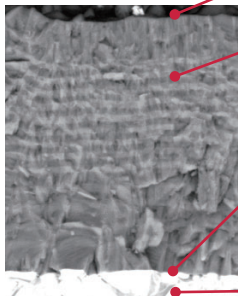
Expansion of new AH9130 grade for drill insert

AH9130 provides long tool life with a new **Triple Nano Technology** coating optimized for drilling



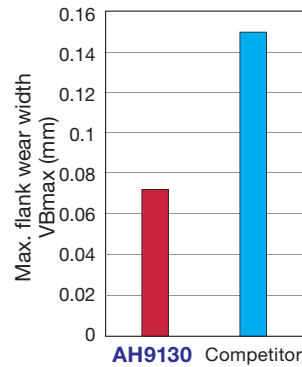
For more information

New AH9130



- 1. Resistance to built-up edge**
Coating layer to resist built-up edge
 - 2. Resistance to wear, oxidation, and fracture**
2 coating layers for wear and oxidation resistance. Layered alternatively to prevent crack from propagating to fracture.
 - 3. Strong coating-substrate adhesion**
Coating is provided with strong adhesion between the coating layer and carbide substrate to prevent coating delamination
- Substrate**
Carbide substrate features wear and fracture resistance

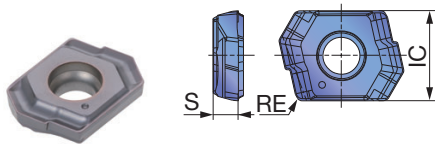
■ Cutting edge wear after 20 meters of drilling depth



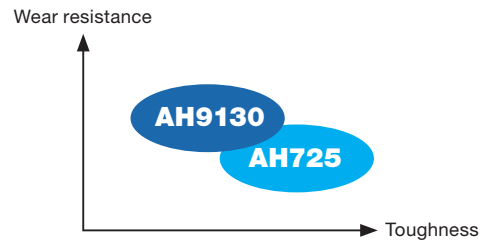
Workpiece material : S55C / C55
 Cutting speed : $V_c = 100$ m/min
 Hole diameter : $\phi 12$ mm
 Hole depth : 200 mm
 Feed : $f = 0.1$ mm/rev
 Cutting length : 20 m
 Coolant : Wet
 Machine : M/C

INSERTS

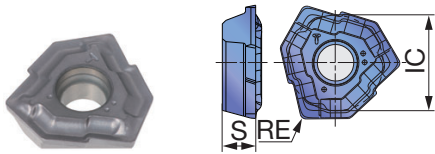
LOGT-NDJ



Designation	DCN-DCX	AH725	New AH9130	IC	S	RE
LOGT060204R-NDJ	12 - 13.99	●	●	7.08	2	0.4



TOHT-NDJ (07..., 08...)



Designation	DCN-DCX	AH725	New AH9130	IC	S	RE
TOHT070304R-NDJ	14 - 15.99	●	●	7.69	2.3	0.4
TOHT080305R-NDJ	16 - 18	●	●	8.55	2.8	0.5
TOHT090305R-NDJ	18.01 - 20	●	●	8.32	3	0.5
TOHT100305R-NDJ	20.01 - 21.99	●	●	9.23	3.3	0.5
TOHT110405R-NDJ	22 - 25	●	●	10.4	3.8	0.5
TOHT120405R-NDJ	25.01 - 28	●	●	11.59	4.3	0.5

● : New product
 ● : Line up



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