

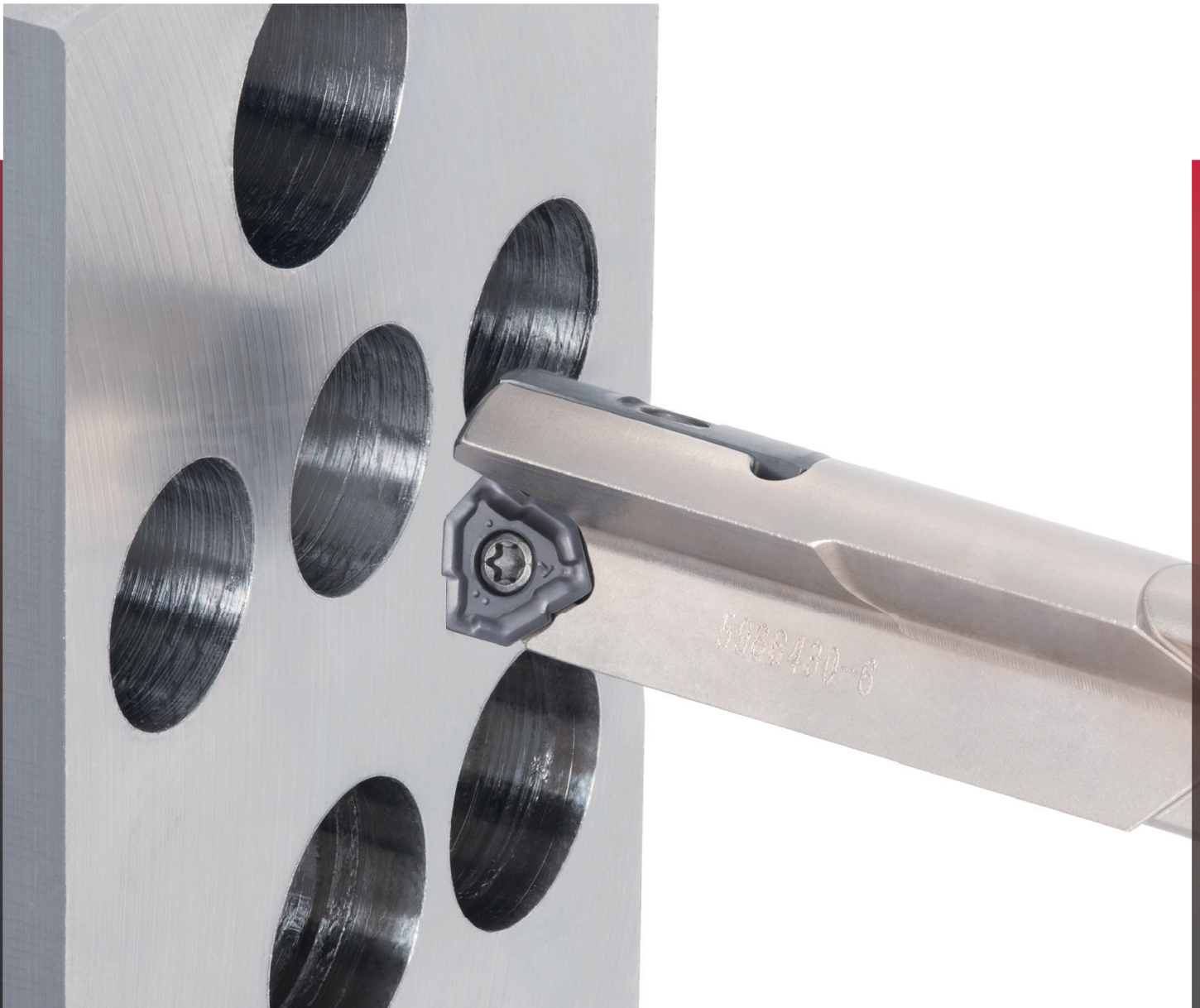
Deep hole drill

DEEPT^{RI}DRILL

Tungaloy Report No. 430S2-US

Indexable deep-hole drill series

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



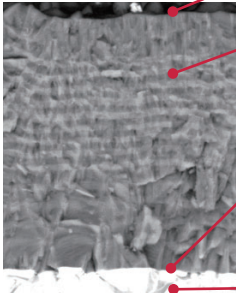
Expansion of new AH9130 grade for drill insert

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



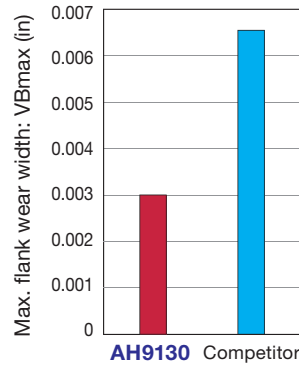
For more information

New AH9130



- 1. Resistance to built-up edge**
Coating layer to resist built-up edge
 - 2. Resistance to wear, oxidation, and fracture**
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

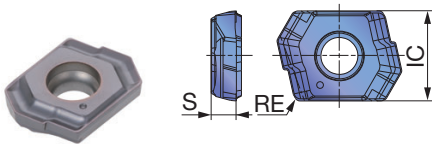
Cutting edge wear after 65.6 ft of drilling depth



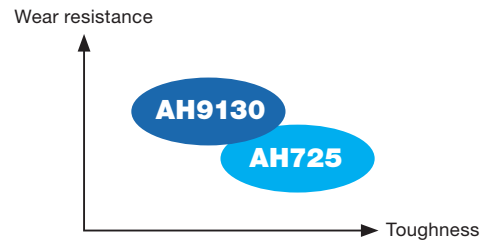
Workpiece material : 1055
Cutting speed : $V_c = 328$ sfm
Hole diameter : $\phi 0.472$ "
Hole depth : 7.874"
Feed : $f = 0.004$ ipr
Cutting length : 65.6 ft
Coolant : Wet
Machine : M/C

INSERTS

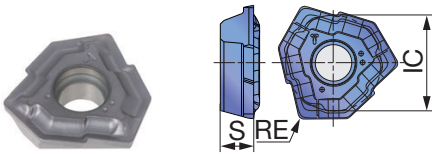
LOGT-NDJ



Inch	DCN-DCX	AH725	New AH9130	IC	S	RE
LOGT060204R-NDJ	0.472 - 0.551	●	●	0.279	0.079	0.016



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



Inch	DCN-DCX	AH725	New AH9130	IC	S	RE
TOHT070304R-NDJ	0.551 - 0.630	●	●	0.303	0.091	0.016
TOHT080305R-NDJ	0.630 - 0.709	●	●	0.337	0.110	0.020
TOHT090305R-NDJ	0.709 - 0.787	●	●	0.328	0.118	0.020
TOHT100305R-NDJ	0.788 - 0.866	●	●	0.363	0.130	0.020
TOHT110405R-NDJ	0.866 - 0.984	●	●	0.409	0.150	0.020
TOHT120405R-NDJ	0.985 - 1.102	●	●	0.456	0.169	0.020

● : New product
● : Line up



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