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# SG-TAP / AQUA REVO OIL HOLE

## SET-PROMO 2+1



CELEBRATE THE POLE POSITION



**TOP**  
QUALITY  
LEADER

# SG-Tap Series

## High-Performance Taps for a Variety of Materials

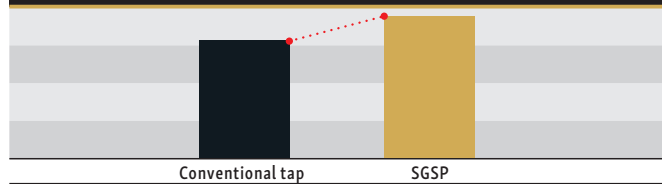
- ▶ Covers a wide range of applications – Aluminum, Cast Iron, Carbon Steel, Alloy Steel and Stainless Steel
- ▶ DIN shank and DIN overall length



## Features

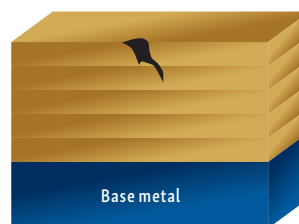
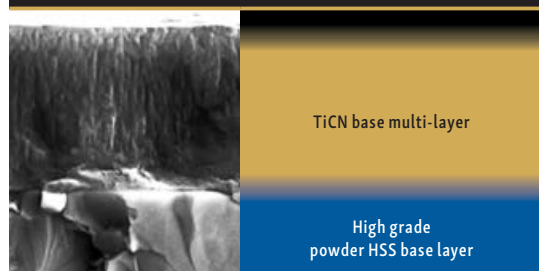
- ▶ Made from high-grade powder HSS and enhanced with the SG-Coating for longer tool life. NACHI's own, high-grade-powder-metal. Not available from competitors!
- ▶ Optimised edge and flute shape allow for stable cutting of screw threads, high rigidity and even chip ejection
- ▶ High flexibility for superior performance with a variety of materials, machines and cutting conditions
- ▶ Stable cutting threads and long tool life regardless of the cutting speed
- ▶ Achieves easy flow of chips while cutting on Stainless Steels, Structural Steels and Aluminum Alloys

### THE BREAKING TORSION TORQUE



The breaking torque of SGSP is 30% higher than that of competitors, SGSP hardly ever breaks.

### SG COATING



The multilayer coating (multilayer coating system of differently hard coatings in the  $\mu$ -range) ensures that the wear progress on the drill is slowed down. Damage to the base metal is considerably slower and the tool life is increased.

## Suitable for Tapping Structural Steels to Stainless Steels and Aluminium Alloys

### APPLICABLE WORK MATERIALS

Work Materials	ST52(SS) Structural Steel	C15(S15C) Low Carbon Steel	C40(S40C) C < 0.45%	C50(S50C) C > 0.45%	20Cr.42CrMo (SCM.SCr) Alloy Steel		Hardened Steel 30~40HRC	SUS Stainless Steel	GG(FC) Grey Cast Iron	GGG(FCD) Ductile Cast Iron	AC.ADC Aluminum Alloy
	~200HB	~200HB	~200HB	~200HB	~200HB	20~30HRC					
SGSP	○	○	●	●	●	○	△	○	X	○	○
SGPO	●	●	●	●	●	●	△	●	X	○	○

● Excellent | ○ Good | △ OK | X Not Applicable

# AquaREVO Drills Oil-Hole

- ▶ The new oil hole concept was born within the AquaREVO series, where material, design and coating have been completely renewed.
- ▶ In addition to REVO-D coat and super smooth surface treatment, the use of fluid analysis further improves cooling, lubrication and smooth chip evacuation.

## REVO Power Cooler

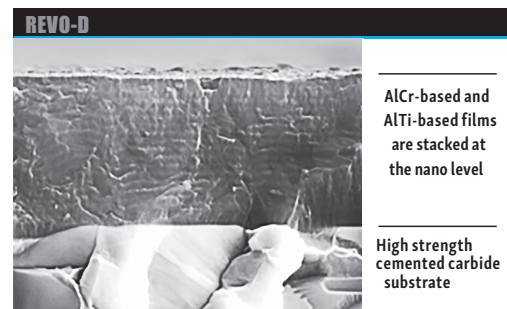
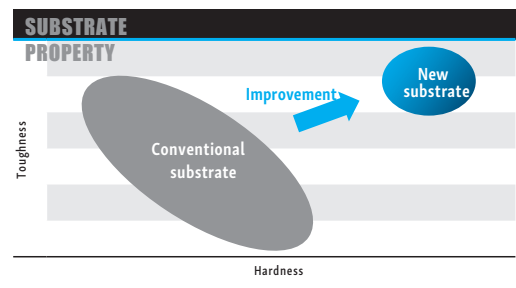
New Oil-Hole design with overwhelming flow rate. Cross-sectional area and coolant amount of the oil hole are more than twice that of conventional.

### Improved Substrate

- ▶ A newly developed carbide substrate with enhanced hardness and toughness constitutes to a considerable improvement in wear- and chipping-resistance.

### Newly developed Coating

- ▶ Newly developed REVO-D coating – suitable for drilling.
- ▶ AlCr-based and AlTi-based films are stacked at the nano level ensuring high oxidation resistance and wear resistance.
- ▶ Low friction and smooth chip evacuation by super smooth surface treatment.



### Compatible with a wide range of materials

APPLICABLE WORK MATERIALS														
Tool	Structural Steels	Carbon Steels	Alloy Steels, Heat-treated Steels	Mold Steels, Hardened Steels	Hardened Steels			Stainless Steels			Titanium Alloys	Nickel Alloys	Cast Irons	Aluminium Alloys
	St37-2	C45E/C50E	42CrMo4	30-40 HRC	40-50 HRC	50-57 HRC	58-65 HRC	1.4301/1.4401	1.4021	1.4542	Ti-6Al-4V		GG/GGG	AC/ADC
AquaREVO Drills Oil-Hole (5D)	●	●	●	●	●	○		●	●	●	○	○	●	○

● Excellent | ○ Good

# SG-TAP / AQUA REVO OIL HOLE



List Set	Spiral Tap			Set Price	
L ....	1x	L9874	D3,3	AQRVDOH5D0330D	52 €
	2x	L6806	M4	L6806 M 4x0.7 2.5P 6H DIN 371	
L ....	1x	L9874	D4,2	AQRVDOH5D0420D	52 €
	2x	L6806	M5	L6806 M 5x0.8 2.5P 6H DIN 371	
L ....	1x	L9874	D5,0	AQRVDOH5D0500D	52 €
	2x	L6806	M6	L6806 M6x1.0 2.5P 6H DIN 371	
L ....	1x	L9874	D6,8	AQRVDOH5D0680D	61 €
	2x	L6806	M8	L6806 M 8x1.25 2.5P 6H DIN 371	
L ....	1x	L9874	D8,5	AQRVDOH5D0850D	72 €
	2x	L6806	M10	L6806 M10x1.5 2.5P 6H DIN 371	
L ....	1x	L9874	D10,2	AQRVDOH5D1020D	95 €
	2x	L6806	M12	L6806 M12x1.75 2.5P 6H DIN 376	

List Set	Point Tap			Set Price	
L ....	1x	L9874	D3,3	AQRVDOH5D0330D	52 €
	2x	L6808	M4	L6808 M 4x0.7 5P 6H DIN 371	
L ....	1x	L9874	D4,2	AQRVDOH5D0420D	52 €
	2x	L6808	M5	L6808 M 5x0.8 5P 6H DIN 371	
L ....	1x	L9874	D5,0	AQRVDOH5D0500D	52 €
	2x	L6808	M6	L6808 M6x1.0 5P 6H DIN 371	
L ....	1x	L9874	D6,8	AQRVDOH5D0680D	61 €
	2x	L6808	M8	L6808 M 8x1.25 5P 6H DIN 371	
L ....	1x	L9874	D8,5	AQRVDOH5D0850D	72 €
	2x	L6808	M10	L6808 M10x1.5 5P 6H DIN 371	
L ....	1x	L9874	D10,2	AQRVDOH5D1020D	95 €
	2x	L6808	M12	L6808 M12x1.75 5P 6H DIN 376	

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YOUR PERFORMANCE**

**NACHI-FUJIKOSHI CORP.**

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