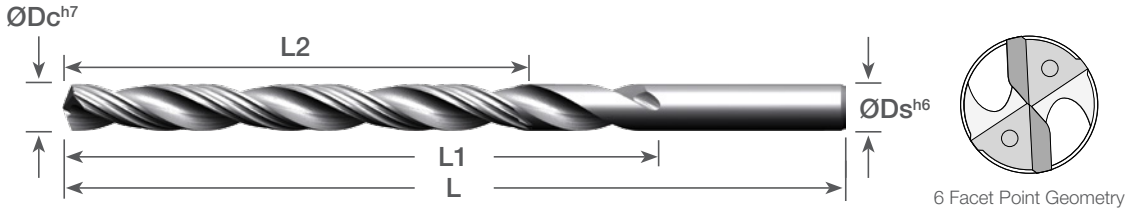


# HYDROS METRIC SHANK

COOLANT FED DEEP DRILLS  
DEEP HOLE DRILLING PRIORITY  
Excellent for Difficult-to-Cut Materials



**6.90mm - 9.50mm DIAMETER**  
Sub Micron Grain Carbide  
Superior Hole Wall Surface Finishes  
Double Margin Design  
Straight Through Drilling Without Pecking  
Matching Pilot Drills



## HYDROS Coolant Fed Deep Drill



Symbol Descriptions [Page 7](#)

Dimensions (mm)					Point Angle	AlTiN Nano	
D <sup>h7</sup>	d <sup>h6</sup>	L	L1	*L2		Part Number	Stock
6.90	8	140	89.7	69	135°	865-2717AG3531	◆
7.00	8	140	91.0	70	135°	865-2756AG3583	◆
7.10	8	140	92.3	71	135°	865-2795AG3634	◆
7.20	8	140	93.6	72	135°	865-2835AG3685	◆
7.30	8	140	94.9	73	135°	865-2874AG3736	◆
7.40	8	150	96.2	74	135°	865-2913AG3787	◆
7.50	8	150	97.5	75	135°	865-2953AG3839	◆
7.60	8	150	98.8	76	135°	865-2992AG3890	◆
7.70	8	150	100.1	77	135°	865-3031AG3941	◆
7.80	8	150	101.4	78	135°	865-3071AG3992	◆
7.90	8	150	102.7	79	135°	865-3110AG4043	◆
8.00	8	150	104.0	80	135°	865-3150AG4094	◆
8.10	10	160	105.3	81	135°	865-3189AG4146	◆
8.20	10	160	106.6	82	135°	865-3228AG4197	◆
8.30	10	160	107.9	83	135°	865-3268AG4248	◆
8.40	10	160	109.2	84	135°	865-3307AG4299	◆
8.50	10	160	110.5	85	135°	865-3346AG4350	◆
8.60	10	160	111.8	86	135°	865-3386AG4402	◆
8.70	10	160	113.1	87	135°	865-3425AG4453	◆
8.80	10	170	114.4	88	135°	865-3465AG4504	◆
8.90	10	170	115.7	89	135°	865-3504AG4555	◆
9.00	10	170	117.0	90	135°	865-3543AG4606	◆
9.10	10	170	118.3	91	135°	865-3583AG4657	◆
9.20	10	170	119.6	92	135°	865-3622AG4709	◆
9.30	10	170	120.9	93	135°	865-3661AG4760	◆
9.40	10	170	122.2	94	135°	865-3701AG4811	◆
9.50	10	170	123.5	95	135°	865-3740AG4862	◆

\*L2 dimensions refers to the length of cut (10 x ØDc).

Match with Pilot Drills [Series 165](#) [Page 31](#)

### SERIES 865 WORKPIECE MATERIAL

Coating	P Steel ~30HRC	P Steel 30-40HRC	H Hardened Steel ~55HRC	H Hardened Steel ~68HRC	M Stainless Steel	K Cast Iron	N Aluminum	N Graphite	N Copper Alloy	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN Nano	★	★	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	★	★

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)