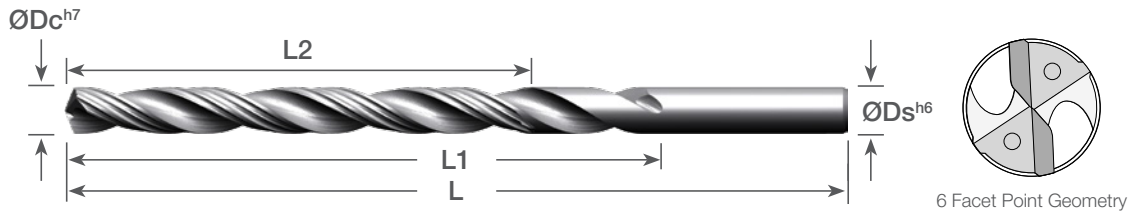


HYDROS METRIC SHANK

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



9.60mm - 12.00mm 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 ^{h7}	d ^{h6}	L	L1	*L2		Part Number	Stock
9.60	10	180	124.8	96	135°	865-3780AG4913	◆
9.70	10	180	126.1	97	135°	865-3819AG4965	◆
9.80	10	180	127.4	98	135°	865-3858AG5016	◆
9.90	10	180	128.7	99	135°	865-3898AG5067	◆
10.00	10	180	130.0	100	135°	865-3937AG5118	◆
10.10	12	180	131.3	101	135°	865-3976AG5169	◆
10.20	12	190	132.6	102	135°	865-4016AG5220	◆
10.30	12	190	133.9	103	135°	865-4055AG5272	◆
10.40	12	190	135.2	104	135°	865-4094AG5323	◆
10.50	12	190	136.5	105	135°	865-4134AG5374	◆
10.60	12	190	137.8	106	135°	865-4173AG5425	◆
10.70	12	190	139.1	107	135°	865-4213AG5476	◆
10.80	12	190	140.4	108	135°	865-4252AG5528	◆
10.90	12	190	141.7	109	135°	865-4291AG5579	◆
11.00	12	200	143.0	110	135°	865-4331AG5630	◆
11.10	12	200	144.3	111	135°	865-4370AG5681	◆
11.20	12	200	145.6	112	135°	865-4409AG5732	◆
11.30	12	200	146.9	113	135°	865-4449AG5783	◆
11.40	12	200	148.2	114	135°	865-4488AG5835	◆
11.50	12	200	149.5	115	135°	865-4528AG5886	◆
11.60	12	200	150.8	116	135°	865-4567AG5937	◆
11.70	12	200	152.1	117	135°	865-4606AG5988	◆
11.80	12	200	153.4	118	135°	865-4646AG6039	◆
11.90	12	210	154.7	119	135°	865-4685AG6091	◆
12.00	12	210	156.0	120	135°	865-4724AG6142	◆

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

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

◆ : Please Contact Customer Service for U.S. Stock Availability: 1.888.848.8449

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