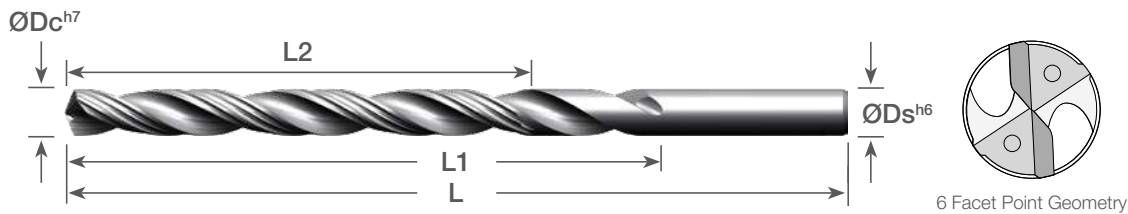


HYDROS METRIC SHANK

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



4.20mm - 6.80mm 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	AITiN Nano	
ØDc ^{h7}	ØDs ^{h6}	L	L1	*L2		Part Number	Stock
4.20	6	110	54.6	42	135°	865-1654AG2150	◆
4.30	6	110	55.9	43	135°	865-1693AG2201	◆
4.40	6	110	57.2	44	135°	865-1732AG2252	◆
4.50	6	110	58.5	45	135°	865-1772AG2303	◆
4.60	6	110	59.8	46	135°	865-1811AG2354	◆
4.70	6	110	61.1	47	135°	865-1850AG2406	◆
4.80	6	110	62.4	48	135°	865-1890AG2457	◆
4.90	6	110	63.7	49	135°	865-1929AG2508	◆
5.00	6	110	65.0	50	135°	865-1969AG2559	◆
5.10	6	120	66.3	51	135°	865-2008AG2610	◆
5.20	6	120	67.6	52	135°	865-2047AG2661	◆
5.30	6	120	68.9	53	135°	865-2087AG2713	◆
5.40	6	120	70.2	54	135°	865-2126AG2764	◆
5.50	6	120	71.5	55	135°	865-2165AG2815	◆
5.60	6	120	72.8	56	135°	865-2205AG2866	◆
5.70	6	120	74.1	57	135°	865-2244AG2917	◆
5.80	6	120	75.4	58	135°	865-2283AG2969	◆
5.90	6	120	76.7	59	135°	865-2323AG3020	◆
6.00	6	130	78.0	60	135°	865-2362AG3071	◆
6.10	8	130	79.3	61	135°	865-2402AG3122	◆
6.20	8	130	80.6	62	135°	865-2441AG3173	◆
6.30	8	130	81.9	63	135°	865-2480AG3224	◆
6.40	8	130	83.2	64	135°	865-2520AG3276	◆
6.50	8	140	84.5	65	135°	865-2559AG3327	◆
6.60	8	140	85.8	66	135°	865-2598AG3378	◆
6.70	8	140	87.1	67	135°	865-2638AG3429	◆
6.80	8	140	88.4	68	135°	865-2677AG3480	◆

*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	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
AITiN Nano	★	★	★	★	★	☆		☆	☆		☆	☆	☆	★	★

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

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