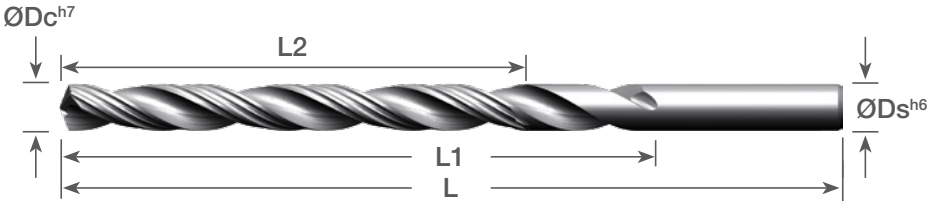
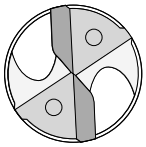
HYDROS METRIC SHANK

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

3.00mm - 4.10mm DIAMETER
Sub Micron Grain Carbide
Superior Hole Wall Surface Finishes
Double Margin Design
Straight Through Drilling Without Pecking
Matching Pilot Drills




6 Facet Point Geometry

HYDROS Coolant Fed Deep Drill

MICRO GRAIN | 135° POINT | 10xD | R | 2

Symbol Descriptions **Page 7**

Dimensions (mm)					Point Angle	AlTiN Nano	
D^{h7}	d^{h6}	L	L1	*L2		Part Number	Stock
3.00	3	90	39.0	30	135°	865-1181AG1535	◆
3.10	4	90	40.3	31	135°	865-1220AG1587	◆
3.20	4	90	41.6	32	135°	865-1260AG1638	◆
3.30	4	90	42.9	33	135°	865-1299AG1689	◆
3.40	4	90	44.2	34	135°	865-1339AG1740	◆
3.50	4	90	45.5	35	135°	865-1378AG1791	◆
3.60	4	90	46.8	36	135°	865-1417AG1843	◆
3.70	4	100	48.1	37	135°	865-1457AG1894	◆
3.80	4	100	49.4	38	135°	865-1496AG1945	◆
3.90	4	100	50.7	39	135°	865-1535AG1996	◆
4.00	4	100	52.0	40	135°	865-1575AG2047	◆
4.10	6	100	53.3	41	135°	865-1614AG2098	◆

*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**

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

(U.S.) **1.888.848.8449**
(International) **001.714.428.3636**
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