

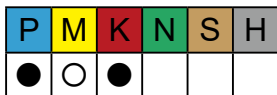


Features

- General Purpose Drilling
- For Steel and Cast Iron
- Longer Tool Life
- Competitive Price
- 泛用鑽孔
- 適用一般鋼料與鑄鐵
- 刀具壽命佳
- 價格實惠

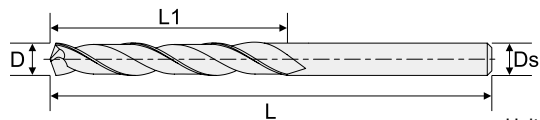
DGN3 - 3×D (for General Purpose)

泛用整體硬質合金外冷鑽 (直柄)



Product Specs

- 3×D Cutting depth
- Straight Shank
- 130° Tip Angle
- External Coolant
- UNIX Coating
- Tolerance h8
- NX Design
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.

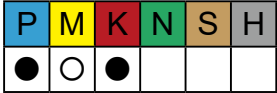


Unit:mm

Order No. 訂購編碼	D	L1	L	Ds	Stock
DGN303000301	3.00	16	46	3.00	●
DGN303100301	3.10	18	49	3.10	●
DGN303170301	3.17(1/8")	18	49	3.17	●
DGN303200301	3.20	18	49	3.20	●
DGN303300301	3.30	18	49	3.30	●
DGN303400301	3.40	20	52	3.40	●
DGN303500301	3.50	20	52	3.50	●
DGN303570301	3.57(9/64")	20	52	3.57	●
DGN303600301	3.60	20	52	3.60	●
DGN303700301	3.70	20	52	3.70	●
DGN303800301	3.80	22	55	3.80	●
DGN303900301	3.90	22	55	3.90	●
DGN303970301	3.97(5/32")	22	55	3.97	●
DGN304000301	4.00	22	55	4.00	●
DGN304100301	4.10	22	55	4.10	●
DGN304200301	4.20	24	58	4.20	●
DGN304300301	4.30	24	58	4.30	●
DGN304370301	4.37(11/64")	24	58	4.37	●
DGN304400301	4.40	24	58	4.40	●
DGN304500301	4.50	24	58	4.50	●
DGN304600301	4.60	24	58	4.60	●
DGN304700301	4.70	24	58	4.70	●
DGN304760301	4.76(3/16")	26	62	4.76	●
DGN304800301	4.80	26	62	4.80	●
DGN304900301	4.90	26	62	4.90	●
DGN305000301	5.00	26	62	5.00	●
DGN305100301	5.10	26	62	5.10	●
DGN305200301	5.20	26	62	5.20	●
DGN305300301	5.30	26	62	5.30	●
DGN305400301	5.40	28	66	5.40	●
DGN305500301	5.50	28	66	5.50	●
DGN305600301	5.60	28	66	5.60	●
DGN305700301	5.70	28	66	5.70	●
DGN305800301	5.80	28	66	5.80	●
DGN305900301	5.90	28	66	5.90	●
DGN306000301	6.00	28	66	6.00	●
DGN306100301	6.10	31	70	6.10	●
DGN306200301	6.20	31	70	6.20	●
DGN306300301	6.30	31	70	6.30	●
DGN306350301	6.35(1/4")	31	70	6.35	●
DGN306400301	6.40	31	70	6.40	●
DGN306500301	6.50	31	70	6.50	●
DGN306600301	6.60	31	70	6.60	●
DGN306700301	6.70	31	70	6.70	●
DGN306800301	6.80	34	74	6.80	●
DGN306900301	6.90	34	74	6.90	●

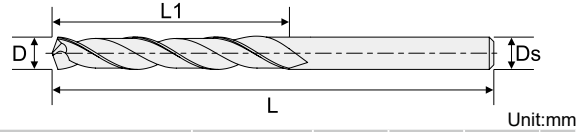
Order No. 訂購編碼	D	L1	L	Ds	Stock
DGN307000301	7.00	34	74	7.00	●
DGN307100301	7.10	34	74	7.10	●
DGN307140301	7.14(9/32")	34	74	7.14	●
DGN307200301	7.20	34	74	7.20	●
DGN307300301	7.30	34	74	7.30	●
DGN307400301	7.40	34	74	7.40	●
DGN307500301	7.50	34	74	7.50	●
DGN307600301	7.60	37	79	7.60	●
DGN307700301	7.70	37	79	7.70	●
DGN307800301	7.80	37	79	7.80	●
DGN307900301	7.90	37	79	7.90	●
DGN307940301	7.94(5/16")	37	79	7.94	●
DGN308000301	8.00	37	79	8.00	●
DGN308100301	8.10	37	79	8.10	●
DGN308200301	8.20	37	79	8.20	●
DGN308300301	8.30	37	79	8.30	●
DGN308400301	8.40	37	79	8.40	●
DGN308500301	8.50	37	79	8.50	●
DGN308600301	8.60	37	79	8.60	●
DGN308700301	8.70	37	79	8.70	●
DGN308730301	8.73(11/32")	40	84	8.73	●
DGN308800301	8.80	40	84	8.80	●
DGN308900301	8.90	40	84	8.90	●
DGN309000301	9.00	40	84	9.00	●
DGN309100301	9.10	40	84	9.10	●
DGN309200301	9.20	40	84	9.20	●
DGN309300301	9.30	40	84	9.30	●
DGN309400301	9.40	40	84	9.40	●
DGN309500301	9.50	40	84	9.50	●
DGN309700301	9.70	43	89	9.70	●
DGN309800301	9.80	43	89	9.80	●
DGN309900301	9.90	43	89	9.90	●
DGN310000301	10.00	43	89	10.00	●
DGN310100301	10.10	43	89	10.10	●
DGN310200301	10.20	43	89	10.20	●
DGN310300301	10.30	43	89	10.30	●
DGN310400301	10.40	43	89	10.40	●
DGN310500301	10.50	43	89	10.50	●
DGN310600301	10.60	43	89	10.60	●
DGN310800301	10.80	47	95	10.80	●
DGN310900301	10.90	47	95	10.90	●

DGN3 - 3×D (for General Purpose) 泛用整體硬質合金外冷鑽 (直柄)



Product Specs

- 3×D Cutting depth
- Straight Shank
- 130° Tip Angle
- External Coolant
- UNIX Coating
- Tolerance h8
- NX Design
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



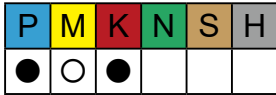
Order No. 訂購編碼	D	L1	L	Ds	Stock
DGN311000301	11.00	47	95	11.00	●
DGN311100301	11.10	47	95	11.10	●
DGN311200301	11.20	47	95	11.20	●
DGN311500301	11.50	47	95	11.50	●
DGN311600301	11.60	47	95	11.60	●
DGN311800301	11.80	47	95	11.80	●
DGN311900301	11.90	51	102	11.90	●
DGN312000301	12.00	51	102	12.00	●
DGN312500301	12.50	51	102	12.50	●
DGN312700301	12.70	51	102	12.70	●
DGN313000301	13.00	51	102	13.00	●
DGN314000301	14.00	54	107	14.00	●
DGN315000301	15.00	56	111	15.00	●
DGN316000301	16.00	58	115	16.00	●

Order No. 訂購編碼	D	L1	L	Ds	Stock

Solid Carbide Drills

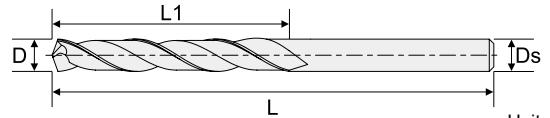
DGN5 - 5×D (for General Purpose)

泛用整體硬質合金外冷鑽 (直柄)



Product Specs

- 5×D Cutting depth
- Straight Shank
- 130° Tip Angle
- External Coolant
- UNIX Coating
- Tolerance h8
- NX Design
- For Alloy Steel, Steel, Stainless Steel and Cast Iron.



Unit:mm

Order No. 訂購編碼	D	L1	L	Ds	Stock
DGN505000501	5.00	34	73	5.00	●
DGN505100501	5.10	38	76	5.10	●
DGN505200501	5.20	38	76	5.20	●
DGN505300501	5.30	38	76	5.30	●
DGN505400501	5.40	38	76	5.40	●
DGN505500501	5.50	38	76	5.50	●
DGN505600501	5.60	41	81	5.60	●
DGN505700501	5.70	41	81	5.70	●
DGN505800501	5.80	41	81	5.80	●
DGN505900501	5.90	41	81	5.90	●
DGN506000501	6.00	41	81	6.00	●
DGN506100501	6.10	41	81	6.10	●
DGN506200501	6.20	41	81	6.20	●
DGN506300501	6.30	41	81	6.30	●
DGN506400501	6.40	41	81	6.40	●
DGN506500501	6.50	41	81	6.50	●
DGN506600501	6.60	43	83	6.60	●
DGN506700501	6.70	43	83	6.70	●
DGN506800501	6.80	43	83	6.80	●
DGN506900501	6.90	43	83	6.90	●
DGN507000501	7.00	43	83	7.00	●
DGN507100501	7.10	45	87	7.10	●
DGN507200501	7.20	45	87	7.20	●
DGN507300501	7.30	45	87	7.30	●
DGN507400501	7.40	45	87	7.40	●
DGN507500501	7.50	45	87	7.50	●
DGN507600501	7.60	48	90	7.60	●
DGN507700501	7.70	48	90	7.70	●
DGN507800501	7.80	48	90	7.80	●
DGN507900501	7.90	48	90	7.90	●
DGN508000501	8.00	48	90	8.00	●
DGN508100501	8.10	53	96	8.10	●
DGN508200501	8.20	53	96	8.20	●
DGN508300501	8.30	53	96	8.30	●
DGN508400501	8.40	53	96	8.40	●
DGN508500501	8.50	53	96	8.50	●
DGN508600501	8.60	55	98	8.60	●
DGN508700501	8.70	55	98	8.70	●
DGN508800501	8.80	55	98	8.80	●

Order No. 訂購編碼	D	L1	L	Ds	Stock
DGN509000501	9.00	55	98	9.00	●
DGN509100501	9.10	58	102	9.10	●
DGN509200501	9.20	58	102	9.20	●
DGN509300501	9.30	58	102	9.30	●
DGN509500501	9.50	58	102	9.50	●
DGN509600501	9.60	60	105	9.60	●
DGN509700501	9.70	60	105	9.70	●
DGN509800501	9.80	60	105	9.80	●
DGN510000501	10.00	60	105	10.00	●
DGN510200501	10.20	66	112	10.20	●
DGN510300501	10.30	66	112	10.30	●
DGN510400501	10.40	66	112	10.40	●
DGN510500501	10.50	66	112	10.50	●
DGN510600501	10.60	68	114	10.60	●
DGN510700501	10.70	68	114	10.70	●
DGN510800501	10.80	68	114	10.80	●
DGN510900501	10.90	68	114	10.90	●
DGN511000501	11.00	68	114	11.00	●
DGN511100501	11.10	71	118	11.10	●
DGN511200501	11.20	71	118	11.20	●
DGN511400501	11.40	71	118	11.40	●
DGN511500501	11.50	71	118	11.50	●
DGN511600501	11.60	73	121	11.60	●
DGN511700501	11.70	73	121	11.70	●
DGN511800501	11.80	73	121	11.80	●
DGN511900501	11.90	73	121	11.90	●
DGN512000501	12.00	73	121	12.00	●
DGN512500501	12.50	76	135	12.50	●
DGN512700501	12.70	78	137	12.70	●
DGN513000501	13.00	78	137	13.00	●
DGN514000501	14.00	86	147	14.00	●
DGN514500501	14.50	89	151	14.50	●
DGN515000501	15.00	91	153	15.00	●
DGN515500501	15.50	94	157	15.50	●
DGN516000501	16.00	96	160	16.00	●

DGN Series (External Coolant)

Work Material		Drill Diameter	Ø3-6mm		Ø6.1~10mm		Ø10.1-16mm	
		Hardness	Cutting Speed (m/min)	Feed (mm/rev)	Cutting Speed (m/min)	Feed (mm/rev)	Cutting Speed (m/min)	Feed (mm/rev)
P	Mild Steel	(<180HB)	40~70	0.1~0.2	55~85	0.15~0.3	60~100	0.25~0.4
	Carbon Steel	(180~280HB)	35~65	0.1~0.2	50~80	0.15~0.3	55~90	0.25~0.4
	Alloy Steel	(280~350HB)	30~60	0.08~0.18	40~75	0.15~0.27	50~85	0.22~0.35
M	Stainless Steel	(<200HB)	20~40	0.06~0.15	25~50	0.1~0.25	30~60	0.2~0.3
K	Cast Iron	(<350Mpa)	40~60	0.1~0.2	50~75	0.15~0.3	55~85	0.25~0.4
	Ductile Cast Iron	(<450Mpa)	35~55	0.1~0.2	45~70	0.15~0.3	50~80	0.25~0.4
N	Aluminum <12% Si	-	60~100	0.1~0.25	65~115	0.15~0.35	70~130	0.3~0.45
	Aluminum >12% Si	-	50~90	0.1~0.25	60~110	0.15~0.35	65~120	0.3~0.45
S	Heat Resistant Alloy	-	15~30	0.02~0.08	20~40	0.04~0.1	25~45	0.06~0.12
H	Hardened Material	40~60HRC	10~25	0.02~0.08	15~35	0.04~0.1	20~40	0.06~0.12