

NDPG504

METRIC > NEW DOLPHIN SERIES
NEW DOLPHIN MULTI-PURPOSE DRILL



DRILL

NEW DOLPHIN

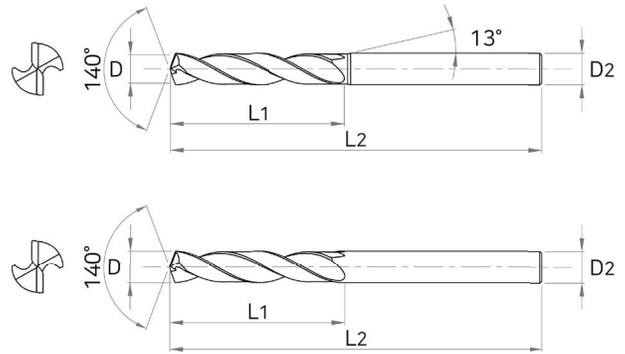
POWER MAX

SOLID SPIRAL



Tolerance

D (mm)		Shank Dia
D1~D3	0 ~ -0.010	
D3.1~D6	0 ~ -0.012	
D6.1~D10	0 ~ -0.015	
D10.1~D18	0 ~ -0.018	
D18.1~	0 ~ -0.021	



EDP No	Diameter					Dimensions (mm)		
	Metric (mm)	Decimal	Fraction	Wire/ Letter	Thread Size	L1	L2	D2
		Inch						
NDPG504 010	1	0.0394	-	-	-	8	38	3
NDPG504 011	1.1	0.0433	-	-	-	9	42	3
NDPG504 012	1.2	0.0472	-	-	-	10	42	3
NDPG504 013	1.3	0.0512	-	-	-	10	42	3
NDPG504 014	1.4	0.0551	-	-	-	11	42	3
NDPG504 015	1.5	0.0591	-	-	#1-64	11	42	3
NDPG504 016	1.6	0.0630	-	-	M2x0.4	12	42	3
NDPG504 017	1.7	0.0669	-	-	-	12	42	3
NDPG504 018	1.8	0.0709	-	-	-	13	42	3
NDPG504 019	1.9	0.0748	-	-	-	13	42	3
NDPG504 020	2	0.0787	-	-	#3-48	18	50	3
NDPG504 021	2.1	0.0827	-	-	-	18	50	3
NDPG504 022	2.2	0.0866	-	-	-	18	50	3
NDPG504 023	2.3	0.0906	-	-	-	18	50	3
NDPG504 024	2.4	0.0945	-	-	-	18	50	3
NDPG504 025	2.5	0.0984	-	-	M3x0.5	18	50	3
NDPG504 026	2.6	0.1024	-	-	-	18	50	3
NDPG504 027	2.7	0.1063	-	36	#6-32	18	50	3
NDPG504 028	2.8	0.1102	-	35	-	18	50	3
NDPG504 029	2.9	0.1142	-	-	M3.5x0.6	18	50	3
NDPG504 030	3	0.1181	-	-	-	20	55	3
NDPG504 031	3.1	0.1220	-	-	-	20	55	4
NDPG504 03175	3.175	0.1250	1/8	-	-	20	55	4
NDPG504 032	3.2	0.1260	-	-	-	20	55	4
NDPG504 03264	3.264	0.1285	-	30	-	20	55	4
NDPG504 033	3.3	0.1299	-	-	M4x0.7	20	55	4
NDPG504 034	3.4	0.1339	-	-	-	20	55	4
NDPG504 035	3.5	0.1378	-	-	-	25	55	4
NDPG504 03572	3.572	0.1406	9/64	-	-	25	55	4

EDP No	Diameter					Dimensions (mm)		
	Metric (mm)	Decimal	Fraction	Wire/ Letter	Thread Size	L1	L2	D2
		Inch						
NDPG504 036	3.6	0.1417	-	-	-	18	55	4
NDPG504 037	3.7	0.1457	-	-	M4.5x0.75	18	55	4
NDPG504 038	3.8	0.1496	-	25	#10-24	20	55	4
NDPG504 039	3.9	0.1535	-	-	-	20	55	4
NDPG504 040	4	0.1575	-	-	-	20	55	4
NDPG504 04039	4.039	0.1595	-	21	#10-32	20	55	5
NDPG504 041	4.1	0.1614	-	-	-	20	55	5
NDPG504 042	4.2	0.1654	-	-	M5x0.8	20	62	5
NDPG504 043	4.3	0.1693	-	-	-	22	62	5
NDPG504 044	4.4	0.1732	-	17	-	22	62	5
NDPG504 045	4.5	0.1772	-	16	#12-24	22	62	5
NDPG504 046	4.6	0.1811	-	-	-	22	62	5
NDPG504 047	4.7	0.1850	-	13	-	22	62	5
NDPG504 04763	4.763	0.1875	3/16	-	-	24	62	5
NDPG504 048	4.8	0.1890	-	12	-	24	62	5
NDPG504 049	4.9	0.1929	-	-	-	24	62	5
NDPG504 050	5	0.1969	-	-	M6x1.0	24	62	5
NDPG504 051	5.1	0.2008	-	7	1/4-20	24	62	6
NDPG504 05159	5.159	0.2031	13/64	-	-	28	66	6
NDPG504 052	5.2	0.2047	-	-	-	28	66	6
NDPG504 053	5.3	0.2087	-	4	-	28	66	6
NDPG504 054	5.4	0.2126	-	3	1/4-28	28	66	6
NDPG504 055	5.5	0.2165	-	-	-	28	66	6
NDPG504 05556	5.556	0.2187	7/32	-	-	28	66	6
NDPG504 056	5.6	0.2205	-	2	-	28	66	6
NDPG504 057	5.7	0.2244	-	-	-	28	66	6
NDPG504 058	5.8	0.2283	-	1	-	28	66	6
NDPG504 059	5.9	0.2323	-	-	-	28	66	6
NDPG504 05953	5.953	0.2344	15/64	A	-	28	66	6

Applicable Working Material

Carbon Steel ~ HB225	Alloy Steel HB225~325	Prehardened Steel HRC30~50	Hardened Steel		Copper	Graphite	Cast Iron ~FCD500	Aluminum	Stainless Steel
			SKD61 ~HRc55	SKD11 HRc55~					
○	○	○	○				○	○	○

○ : GOOD ◎ : EXCELLENT

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	Metric (mm)	Decimal	Fraction	Wire/Letter	Thread Size	L1	L2	D2
NDPG504 060	6	0.2362	-	-	M7x1.0	36	66	6
NDPG504 061	6.1	0.2402	-	-	-	36	66	7
NDPG504 062	6.2	0.2441	-	-	-	42	75	7
NDPG504 063	6.3	0.2480	-	-	-	42	75	7
NDPG504 0635	6.35	0.2500	1/4	E	-	42	75	7
NDPG504 064	6.4	0.2520	-	-	-	42	75	7
NDPG504 065	6.5	0.2559	-	-	5/16-18	42	75	7
NDPG504 066	6.6	0.2595	-	-	-	42	75	7
NDPG504 067	6.7	0.2638	-	-	-	42	75	7
NDPG504 06747	6.747	0.2656	17/64	-	M8x1.25	42	75	7
NDPG504 068	6.8	0.2677	-	-	-	42	75	7
NDPG504 069	6.9	0.2717	-	I	5/16-24	42	75	7
NDPG504 070	7	0.2756	-	-	M8x1.0	42	75	7
NDPG504 071	7.1	0.2795	-	-	-	42	75	8
NDPG504 07144	7.144	0.2813	9/32	K	-	46	80	8
NDPG504 072	7.2	0.2835	-	-	-	46	80	8
NDPG504 073	7.3	0.2874	-	-	-	46	80	8
NDPG504 074	7.4	0.2913	-	-	-	46	80	8
NDPG504 075	7.5	0.2953	-	M	-	46	80	8
NDPG504 07541	7.541	0.2969	19/64	-	-	46	80	8
NDPG504 076	7.6	0.2992	-	-	-	46	80	8
NDPG504 077	7.7	0.3031	-	-	-	46	80	8
NDPG504 078	7.8	0.3071	-	-	-	46	80	8
NDPG504 079	7.9	0.3110	-	-	-	46	80	8
NDPG504 07938	7.938	0.3125	5/16	-	3/8-16	46	80	8
NDPG504 080	8	0.3150	-	-	-	46	80	8
NDPG504 081	8.1	0.3189	-	-	-	46	80	8
NDPG504 082	8.2	0.3228	-	P	-	50	80	9
NDPG504 083	8.3	0.3268	-	-	-	50	85	9
NDPG504 084	8.4	0.3307	-	-	3/8-24	50	85	9
NDPG504 085	8.5	0.3346	-	-	M10x1.5	50	85	9
NDPG504 086	8.6	0.3386	-	R	-	50	85	9
NDPG504 087	8.7	0.3425	-	-	M10x1.25	50	85	9
NDPG504 08731	8.731	0.3437	11/32	-	-	50	85	9
NDPG504 088	8.8	0.3465	-	-	-	50	85	9
NDPG504 089	8.9	0.3504	-	-	-	50	85	9
NDPG504 090	9	0.3543	-	-	-	50	85	9
NDPG504 091	9.1	0.3583	-	T	-	50	85	10
NDPG504 092	9.2	0.3622	-	-	-	55	90	10
NDPG504 093	9.3	0.3661	-	-	-	55	90	10
NDPG504 094	9.4	0.3701	-	-	-	55	90	10
NDPG504 095	9.5	0.3740	-	-	-	55	90	10
NDPG504 09525	9.525	0.3750	3/8	-	-	55	90	10
NDPG504 096	9.6	0.3780	-	-	-	55	90	10
NDPG504 097	9.7	0.3819	-	-	-	55	90	10
NDPG504 098	9.8	0.3858	-	W	-	55	90	10
NDPG504 099	9.9	0.3898	-	-	-	55	90	10

EDP No	Diameter					Dimensions (mm)		
	Metric (mm)	Decimal	Fraction	Wire/Letter	Thread Size	L1	L2	D2
NDPG504 100	10	0.3937	-	-	-	55	90	10
NDPG504 101	10.1	0.3976	-	-	-	55	90	11
NDPG504 102	10.2	0.4016	-	-	M12x1.75	57	95	11
NDPG504 103	10.3	0.4055	-	-	-	57	95	11
NDPG504 10319	10.319	0.4063	13/32	-	-	57	95	11
NDPG504 104	10.4	0.4094	-	-	-	57	95	11
NDPG504 105	10.5	0.4134	-	Z	-	57	95	11
NDPG504 106	10.6	0.4173	-	-	-	57	95	11
NDPG504 107	10.7	0.4213	-	-	-	57	95	11
NDPG504 10716	10.716	0.4219	27/64	-	1/2-13	57	95	11
NDPG504 108	10.8	0.4252	-	-	M12x1.25	57	95	11
NDPG504 109	10.9	0.4291	-	-	-	57	95	11
NDPG504 110	11	0.4331	-	-	-	57	95	11
NDPG504 111	11.1	0.4370	-	-	-	57	95	12
NDPG504 11113	11.113	0.4375	7/16	-	-	63	102	12
NDPG504 112	11.2	0.4409	-	-	-	63	102	12
NDPG504 113	11.3	0.4449	-	-	-	63	102	12
NDPG504 114	11.4	0.4488	-	-	-	63	102	12
NDPG504 115	11.5	0.4528	-	-	-	63	102	12
NDPG504 116	11.6	0.4567	-	-	-	63	102	12
NDPG504 117	11.7	0.4606	-	-	-	63	102	12
NDPG504 118	11.8	0.4646	-	-	-	63	102	12
NDPG504 119	11.9	0.4685	-	-	-	63	102	12
NDPG504 120	12	0.4724	-	-	M14x2.0	63	102	12
NDPG504 121	12.1	0.4764	-	-	-	63	102	13
NDPG504 122	12.2	0.4803	-	-	-	63	102	13
NDPG504 123	12.3	0.4843	-	-	9/16-12	63	102	13
NDPG504 124	12.4	0.4882	-	-	-	63	102	13
NDPG504 125	12.5	0.4921	-	-	M14x4.5	63	102	13
NDPG504 126	12.6	0.4961	-	-	-	63	102	13
NDPG504 127	12.7	0.5000	1/2	-	-	63	102	13
NDPG504 128	12.8	0.5039	-	-	-	63	102	13
NDPG504 129	12.9	0.5079	-	-	-	63	102	13
NDPG504 130	13	0.5118	-	-	-	63	102	13
NDPG504 131	13.1	0.5157	-	-	9/16-18	63	102	14
NDPG504 132	13.2	0.5197	-	-	-	65	107	14
NDPG504 133	13.3	0.5236	-	-	-	65	107	14
NDPG504 134	13.4	0.5276	-	-	-	65	107	14
NDPG504 13494	13.494	0.5313	17/32	-	-	65	107	14
NDPG504 135	13.5	0.5315	-	-	5/8-11	65	107	14
NDPG504 136	13.6	0.5354	-	-	-	65	107	14
NDPG504 137	13.7	0.5394	-	-	-	65	107	14
NDPG504 138	13.8	0.5433	-	-	-	65	107	14
NDPG504 139	13.9	0.5472	-	-	-	65	107	14
NDPG504 140	14	0.5512	-	-	M16x2.0	65	107	14
NDPG504 141	14.1	0.5551	-	-	-	65	107	15
NDPG504 142	14.2	0.5591	-	-	-	67	111	15

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POWER MAX

SOLID SPIRAL

■ Applicable Working Material

Carbon Steel ~HB225	Alloy Steel HB225~325	Prehardened Steel HRC30~50	Hardened Steel		Copper	Graphite	Cast Iron ~FCDS00	Aluminum	Stainless Steel
			SKD61 ~HRC55	SKD11 HRc55~					
○	○	○	○	○			○	○	○

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EDP No	Diameter					Dimensions (mm)		
	Metric (mm)	Decimal	Fraction	Wire/ Letter	Thread Size	L1	L2	D2
			Inch					
NDPG504 143	14.3	0.5630	-	-	-	67	111	15
NDPG504 144	14.4	0.5669	-	-	-	67	111	15
NDPG504 145	14.5	0.5709	-	-	M16x1.5	67	111	15
NDPG504 146	14.6	0.5748	-	-	-	67	111	15
NDPG504 147	14.7	0.5787	-	-	-	67	111	15
NDPG504 148	14.8	0.5827	-	-	-	67	111	15
NDPG504 149	14.9	0.5866	-	-	-	67	111	15
NDPG504 150	15	0.5906	-	-	-	67	111	15
NDPG504 151	15.1	0.5945	-	-	-	67	111	16
NDPG504 152	15.2	0.5984	-	-	-	69	115	16
NDPG504 154	15.4	0.6063	-	-	-	69	115	16
NDPG504 155	15.5	0.6102	-	-	M18x2.5	69	115	16
NDPG504 156	15.6	0.6142	-	-	-	69	115	16
NDPG504 157	15.7	0.6181	-	-	-	69	115	16
NDPG504 158	15.8	0.6200	-	-	-	69	115	16
NDPG504 15875	15.875	0.6250	5/8	-	-	69	115	16
NDPG504 160	16	0.6299	-	-	-	69	115	17
NDPG504 161	16.1	0.6339	-	-	-	69	115	17

EDP No	Diameter					Dimensions (mm)		
	Metric (mm)	Decimal	Fraction	Wire/ Letter	Thread Size	L1	L2	D2
			Inch					
NDPG504 163	16.3	0.6417	-	-	-	71	119	17
NDPG504 165	16.5	0.6496	-	-	M18x1.5	71	119	17
NDPG504 16669	16.669	0.6563	21/32	-	3/4-10	71	119	17
NDPG504 170	17	0.6693	-	-	-	71	119	17
NDPG504 171	17.1	0.6732	-	-	-	71	119	18
NDPG504 172	17.2	0.6772	-	-	-	74	123	18
NDPG504 175	17.5	0.6890	-	-	M20x2.5	74	123	18
NDPG504 177	17.7	0.6969	-	-	-	74	123	18
NDPG504 178	17.8	0.7008	-	-	-	74	123	18
NDPG504 180	18	0.7087	-	-	-	74	123	18
NDPG504 181	18.1	0.7126	-	-	-	74	123	19
NDPG504 182	18.2	0.7165	-	-	-	76	127	19
NDPG504 185	18.5	0.7283	-	-	M20x1.5	76	127	19
NDPG504 190	19	0.7480	-	-	-	76	127	19
NDPG504 191	19.1	0.7520	-	-	-	76	127	20
NDPG504 195	19.5	0.7677	-	-	M22x2.5	80	131	20
NDPG504 197	19.7	0.7756	-	-	-	80	131	20
NDPG504 200	20	0.7574	-	-	-	80	131	20

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			SKD61 ~HRc55	SKD11 HRc55~					
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