

Geological Bit & Reamer

Geological Bits

Drillmax provides impregnated diamond bit, surface-set diamond bit, , PDC bit, TC bit and other customized bit.



Specification of C(Q) Series Drill Bit

Standard	AC(Q)	BC(Q)	NC(Q)	HC(Q)	PC(Q)
OD*ID (mm)	47.6 * 27.0	59.5 * 36.3	75.3 * 47.6	95.6 * 63.5	122.0 * 85.0

Specification of C3(Q) Series Drill Bit

Standard	BC3(Q)	NC3(Q)	HC3(Q)	PC3(Q)	
OD*ID (mm)	59.5 * 33.5	75.3 * 45.1	95.6 * 61.1	122.2 * 83.0	

Specification of T Series Drill Bit

Standard	T2-46	T2-56	T2-66	T2-76	T2-86
OD*ID (mm)	46.0 * 31.7	56.0 * 41.7	66.0 * 51.7	76.0 * 61.7	86.0 * 71.7

Standard	T6-76	T6-86	T6-101	T6-116	T6-131
OD*ID (mm)	76.0 * 57.0	86.0 * 68.0	101.0 * 79.0	116.0 * 93.0	131.0 * 108.0



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Specification of MLC, WG, WM Series Drill Bit

Standard	NMLC	HMLC	AWG	BWG	NWG
OD*ID (mm)	75.3 * 52.2	98.0 * 63.5	47.6 * 30.1	59.5 * 42.0	75.3 * 54.7

Specification of B Series Drill Bit

Standard	B36	B46	B56	B66	B76
OD*ID (mm)	36.0 * 21.7	46.0 * 31.7	56.0 * 41.7	66.0 * 51.7	76.0 * 61.7

Standard	B86	B101	B116	B131	B146
OD*ID (mm)	86.0 * 71.7	101.0 * 86.7	116.0 * 101.7	131.0 * 116.7	146.0 * 131.7

Specification of Rod Shoe

Standard	NC(Q)	HC(Q)	PC(Q)	HTW	PHD
OD*ID (mm)	75.3 * 60.2	92.0 * 76.2	117.6 * 99.7	95.0 * 80.5	117.6 * 99.7

Specification of W Series Casing Shoe

Standard
AW, BW, NW, HW, HWT, PW, PWT

Geological Bit Matrix Selection Guidelines

Matrix No.	Maxtric Feature	Rock Feature	Typical Rock Type
M 3	soft	Soft Stratum, Clay Layer	Ash Stone, Clay, Calcite, Coal, Peat, Sandy Pebble, Gypsum, Tuff, Argillire
M 3/5	medium soft	coarse grain size & fracture	Limonite, Sandstone, Lithoid Limestone
M 5/7	medium hard	medium grain size & broken	Dolomitic, Marble Hard Schist, Hard Shale, Siltstone, Andesite, Hard Sandstone
M 7/9	medium hard	medium grain size & basically complete	Gneiss, Limonite, Peridotite
M 9/11	hard	fine grain & complete formation	Gabbro, Peridotite, Grandiorite, Granite, Basalt, Pegmatite, Norite, Syenite
M 11	very hard	fine grain & very complete formation	Quartzite, Diorite, Amphibolite, Rhyolite
M 11/14	ultra hard	fine grain & very complete formation	Dense Quartzite, Hard Sandstone, Taconite, Ironstone, Jasperite, Chert, Silicious, Rhyolite

Corresponding Matrix Reference

Drillmax	Boart Longyear	Fordia	Hayden	Atlas
M 3	02	Hero 3	1~2	3AC
M 3/5	02	Hero 3	3~4	3AC
M 5/7	02 06 ABR 07 ABR	Hero 7	5 ~6	7AC
M 7/9	06 ABR 07 ABR	Hero 7	6 ~ 8	7AC
M 9/11	06 ABR	7~9	9 ~11	11AC
M 11	07 ABR 07 ABR	9~11	12 ~14	11AC 13AC
M 11/14	08 ABR 09 COM	11~14	15~16	15AC

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Reaming Shell

Drillmax provides diamond reaming shell, PDC reaming shell and multi-rings reaming shell.



Specification of C(Q) Series Reaming Shell

Standard	AC(Q)	BC(Q)	BC2(Q)	NC(Q)	HC(Q)	PC(Q)
OD (mm)	48	59.9	59.9	75.7	96.1	122.6

Specification of T2 Series Reaming Shell

Standard	T2-46	T2-56	T2-66	T2-76	T2-86	T2-101
OD (mm)	46.3	56.3	66.3	76.3	86.3	101.3

Specification of T6 Series Reaming Shell

Standard	T6-76	T6-86	T6-101	T6-116	T6-131	T6-146
OD (mm)	76.3	86.3	101.3	116.3	131.3	146.3

Specification of MLC, WG, WM Series Reaming Shell

Standard	NMLC	HMLC	AWG	BWG	NWG	BWM
OD (mm)	75.7	98.5	48	59.9	75.7	59.9

Specification of B Series Drill Reaming Shell

Standard	B36	B46	B56	B66	B76	B86
OD (mm)	36.3	46.3	56.3	66.3	76.3	86.3

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Specification of W Series Reaming Shell for Casing

Standard	AW	BW	NW			
OD(mm)	59.5	75.7	92.5			

Specification of MLC, WG, WM Series Reaming Shell

Standard	NMLC	HMLC	AWG	BWG	NWG	BWM
OD(mm)	75.7	98.5	48	59.9	75.7	59.9

Specification of B Series Drill Reaming Shell

Standard	B36	B46	B56	B66	B76	B86
OD(mm)	36.3	46.3	56.3	66.3	76.3	86.3