

MITSUBISHI HEAVY DUTY UNDER-REAMING SYSTEM

SUPER MAXBIT G-MODEL

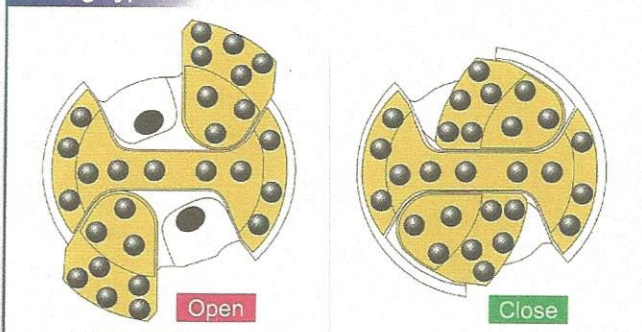
Hi-Speed Drilling and Long Tool Life



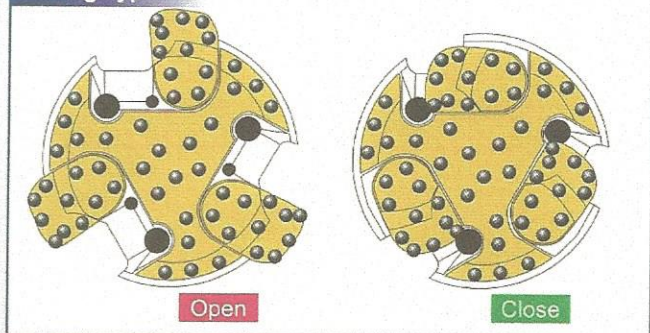
- Economical cost per drilled foot
- Design for thicker casing pipes
- Faster penetration
- Stable opening and closing mechanism
- Straight and smooth hole drilling
- Hard formation - high efficient bit for
 - Foundation construction · Water well
 - Environmental testing · Geothermal
 - Geological survey

TYPE

2 Wing Type

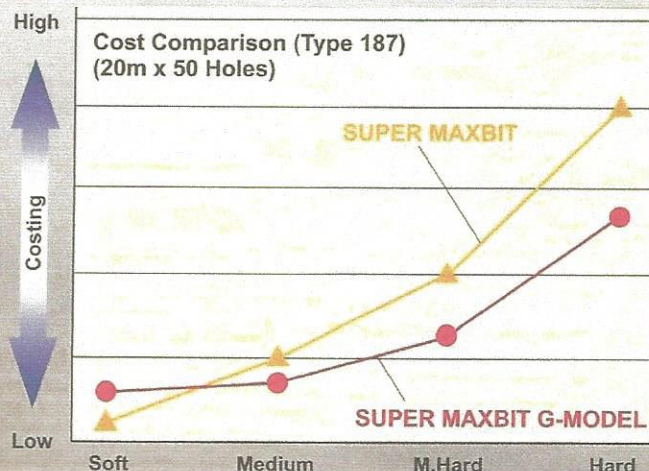


3 Wing Type



COMPARISON DATA

Mitsubishi Model	SUPER MAXBIT G-MODEL	SUPER MAXBIT	COMPETITORS MODELS
Drilled life	◎	○	○
Faster penetration	◎	○	○
Rotation	◎	○	△
Open & Close	◎	◎	○



G-MODEL

Long life

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economical
cost per
drilled foot

design
for thicker
casing pipes

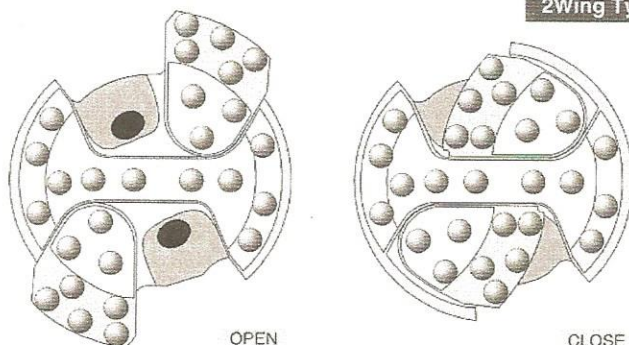
faster
penetration

stable opening
and closing
mechanism

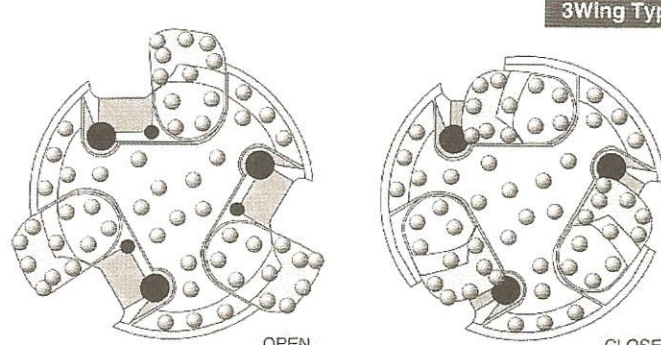
straight and
smooth
hole drilling

Casing and wing type.

2Wing Type



3Wing Type



Type	Two Wings	Three Wings	Bit Gauge		Applicable Casing pipe			Device O.D.	Hammer type	※1	※2	※3	※4	※5
			Open	Close	Max. O.D.	Min. I.D.	Normal Size							
			mm	mm	mm	mm	in.							
115	●		152	114	141.3	126.6	5"	115	SD-4, DHD340AP, COP42, MACH44, N4	↑		↑		↕
140	●		185	140	165.2	153.2	6"	141	SD5, DHD350R, COP52, MACH50, QL50	↑		↑		
187		●	237	186	216.3	202.3	8"	187	SD6, DH-6, DHD360, COP62, QL60					
215		●	272	217	254.0	241.0	9"	218	SD8, DHD380M, DHD380, M80					
240		●	290	238	273.1	254.5	10"	240	SD8, DHD380M, DHD380, N80		↑			
280		●	340	281	318.5	301.7	12"	283	SD10, DHD310M, N100		↑			
315		●	373	318	355.6	336.6	14"	320	SD12, DHD112, N120					
365		●	425	363	406.4	387.4	16"	365	SD12, DHD112, N120					
460		●	530	461	508.0	482.6	20"	463	SD-15, DHD112S, N120S, SD-18, N180	↓		↓		
560		●	630	559	609.6	584.2	24"	561	SD18, DHD120A, N180		↓			

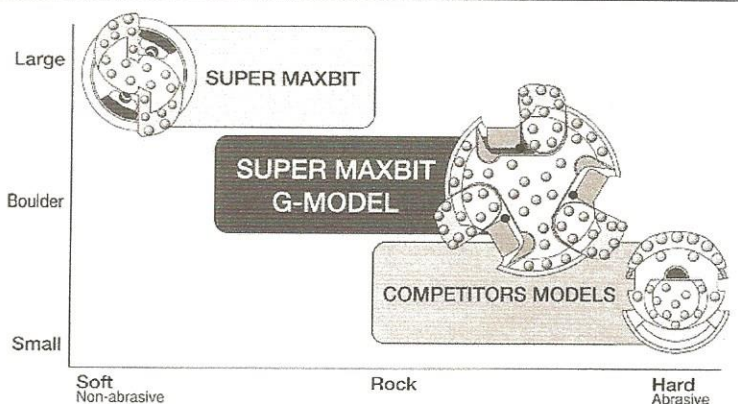
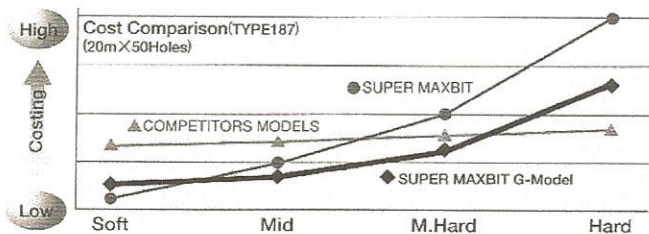
*When ordering, information about casing diameters(O.D. and I.D.) is necessary.

*Order made bits can be manufactured upon request.

※1:Water Well
※2:Piling, Foundation
※3:Pipe Road, Water Service, Water Remove, Anchoring
※4:Geothermal, Oil Well
※5:Fore Piling

Comparison Data

Mitsubishi Model	SUPER MAXBIT G-Model	SUPER MAXBIT	COMPETITORS MODELS
Comparison			
Drilled life	○	○	○
Faster penetration	○	○	○
Rotation	○	○	△
Open & Close	○	○	○



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