



EVERDIGM DURAWING

CONCENTRIC OVERBURDEN SYSTEM



HUMBLE BEGINNING



Founded 1994 formerly known as Shin Sung. Several technical breakthroughs were made by technical licenses with Toa-Boring-Tone in JAPAN and Drill master USA. Since then, new overburden system like SUS and SIS were launched in the market becoming popular among corporate customers.

Acquired by Everdigm in 2011, it is ready to leap to the world class manufacturer of rocktools.

MASSIVE PRODUCTION FACILITY

Sprawling into 108,000 sqm headquarter and 10,300 sqm factory number 2, the massive production facility can do the job. In-house heat treatment. numerous CNC & MCT machines. Also big size DTH hammer is the specialty for us.



- 1 Factory 2 in Jeonju
- 2 Headquarter in Jincheon
- 3 Machining
- 4 DTH bits in production



1		
2	3	4

HIDDEN HERO



Everdigm has supplied DTH hammer for CR 12 X 5-1/2 hole opener, made by Centerrock for USA in Chilean miner rescue operation. Given the fact that the DTH hammer is the core part for cluster drill, this shows that our DTH hammer will endure in tough job site.

VARIOUS PRODUCTS RANGE



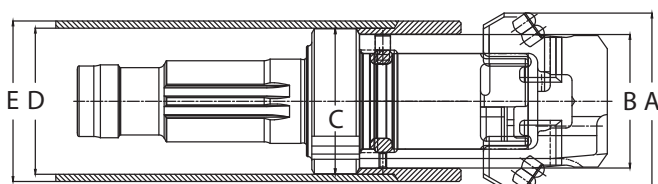
DTH hammer and bits, tophammer consumables, overburden tool, RCD system. You name it. We have it. With strong R&D forces, we have been paving the way for new products.

GOOD REFERENCE

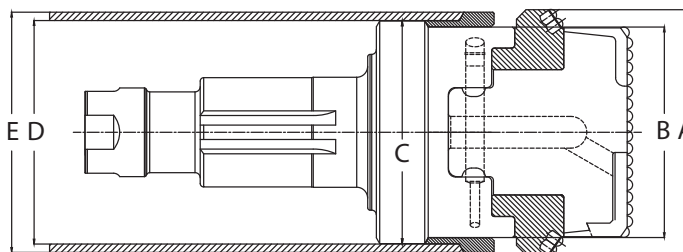


Gammon ; the leading construction and engineering contractor head-quartered in Hong Kong has been major customer for Everdigm over a decade. The requirement of overburden system in hard formation is quite high and Everdigm overburden is the only one that satisfactorily finishes the job.

DURAWING SIZE CHART



090~315

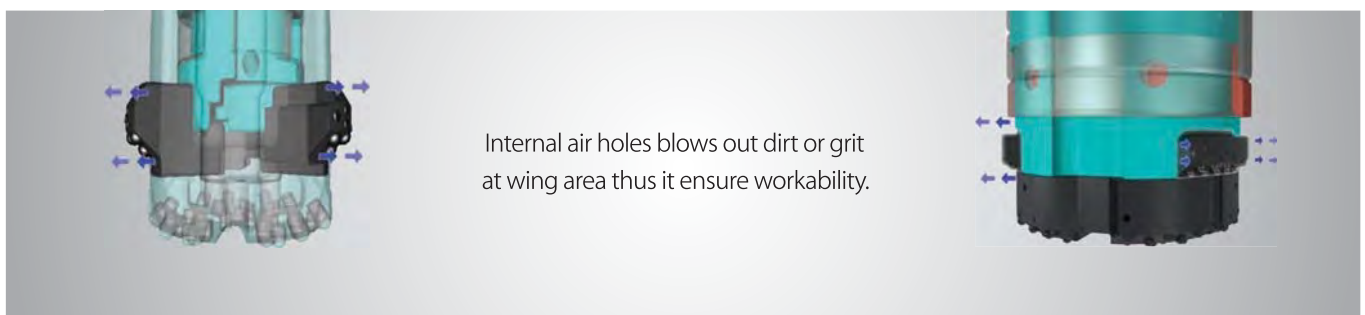
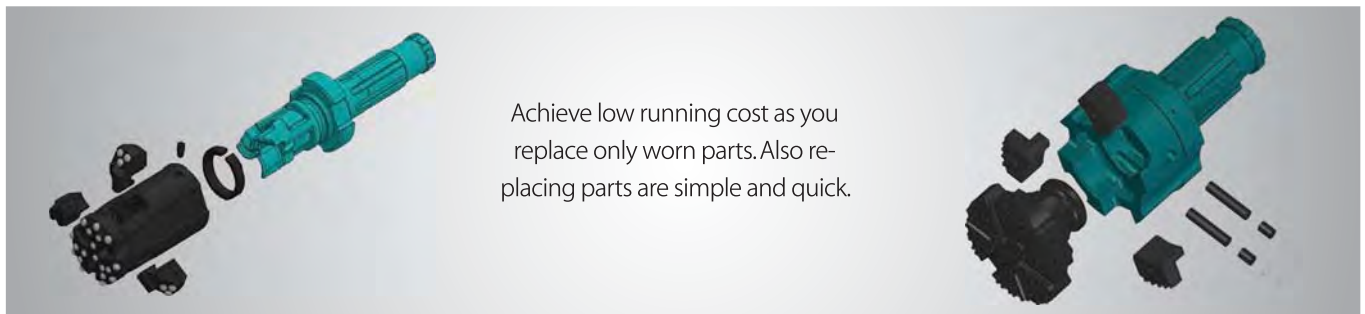


365~745

Product	Unit	Extended	Pilot	Shoulder	Casing	Casing	Adaptable Shank Type
		A	B O.D.	C O.D.	D I.D.	E O.D.	
DURAWING 090	mm	125	91	101	101.6	115	IR3.5
	inch	4.92	3.58	3.98	4.00	4.53	
DURAWING 110	mm	145	110	-	113	133	SD4,QL40,DHD340,MACH44,M40
	inch	5.71	4.33		4.45	5.24	
DURAWING 115	mm	150	115	125	126.6	141.3	SD4,QL40,DHD340,MACH44,M40
	inch	5.91	4.53	4.92	4.98	5.56	
DURAWING 129	mm	164	129	-	132.5	152.5	SD4,SD5,QL40,QL50,DHD340,DHD350, MACH44,M40,M50,MACH50,MC55
	inch	6.46	5.08		5.22	6.00	
DURAWING 140	mm	185	140	152	153.2	168.3	SD5,QL50,DHD350,MACH50,MC55,M50
	inch	7.28	5.51	5.98	6.03	6.63	
DURAWING 147	mm	192	147	157	158	177.8	SD5,QL50,DHD350,MACH50,MC55,M50
	inch	7.56	5.79	6.18	6.22	7.00	
DURAWING 152	mm	196	152	-	154.7	177.8	SD5,QL50,DHD350,MACH50,MC55,M50
	inch	7.72	5.98		6.09	7.00	
DURAWING 165	mm	215	167	178	178.8	196	SD6,QL60,DHD360,M60
	inch	8.46	6.57	7.01	7.04	7.72	
DURAWING 190	mm	237	190	201.5	202.3	222	SD6,DHD360,QL60,M60
	inch	9.33	7.48	7.93	7.96	8.74	
DURAWING 240	mm	292	240	253	254.5	273.1	SD8,DHD380,QL80
	inch	11.50	9.45	9.96	10.02	10.75	
DURAWING 280	mm	340	280	300	301.7	323.9	SD10,QL80
	inch	13.39	11.02	11.81	11.88	12.75	
DURAWING 315	mm	373	315	334	336.6	355.6	SD12,QL120
	inch	14.69	12.40	13.15	13.25	14.00	
DURAWING 365	mm	425	362	386	387.4	406.4	SD12,QL120
	inch	16.73	14.30	15.20	15.30	16.00	
DURAWING 410	mm	478	410	433	435	457.2	SD15,QL120
	inch	18.82	16.14	17.05	17.13	18.00	
DURAWING 460	mm	530	460	480	482.6	508	SD15,SD18,N180
	inch	20.87	18.11	18.90	19.00	20.00	
DURAWING 510	mm	580	507	531	533.4	558.8	SD15,SD18,QL200,N180
	inch	22.83	20.00	20.91	21.00	22.00	
DURAWING 560	mm	630	556	580	584.2	609.6	SD18,QL200,,N180,N240
	inch	24.80	21.90	22.80	23.00	24.00	
DURAWING 600	mm	685	600	628	631.8	660.4	QL200,N240
	inch	26.97	23.62	24.72	24.87	26.00	
DURAWING 650	mm	737	650	676	679.2	711.2	QL200,N240
	inch	29.02	25.59	26.61	26.74	28.00	
DURAWING 745	mm	842	743	776	780.8	812.8	N240
	inch	33.15	29.30	30.55	30.74	32.00	

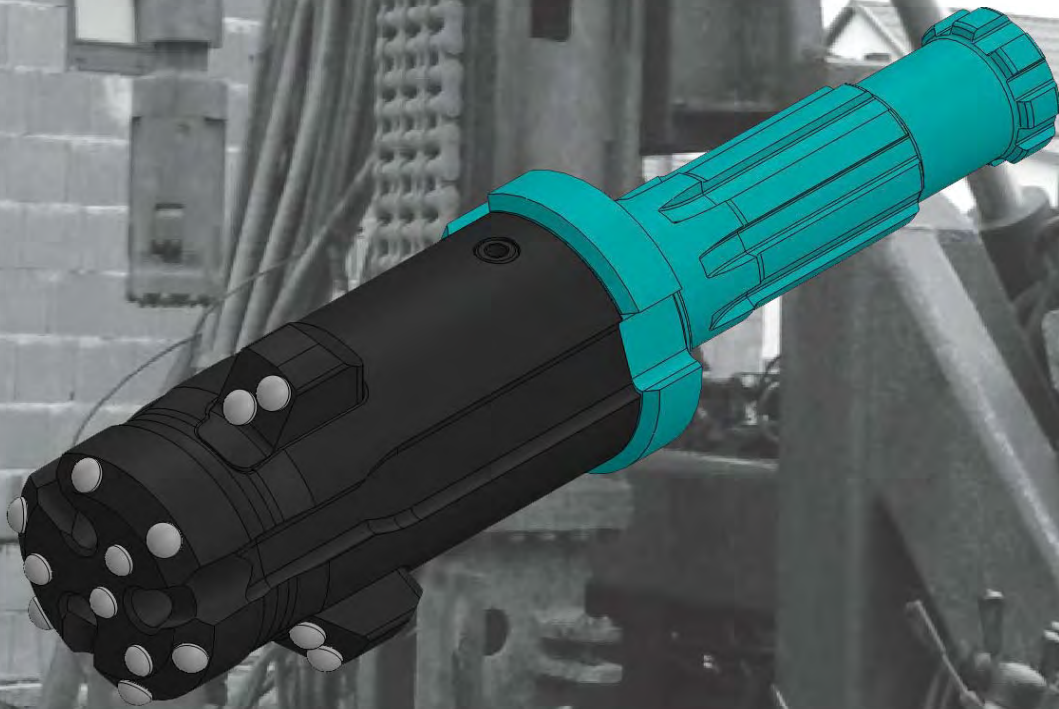
* Note: O.D. is short for Outer Diameter. I.D. is short for Inner Diameter.

FEATURES



EVERDIGM

DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING90**

Drilled Hole Diameter 125 mm
Casing Size O/D 101.6 mm
I/D 115 mm

E-mail : rocktool@everdigm.com

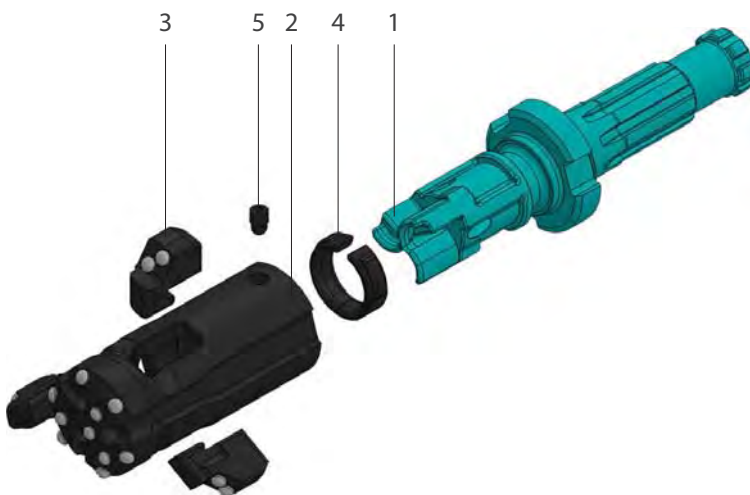


EVERDIGM DURAWING90

DURAWING90 is a concentric overburden system designed for casing of 125 mm diameter hole, specialized through hard formation into bed rock.

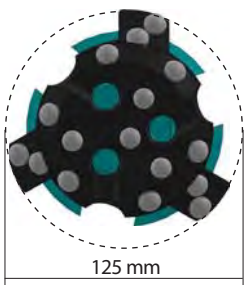
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING90 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA

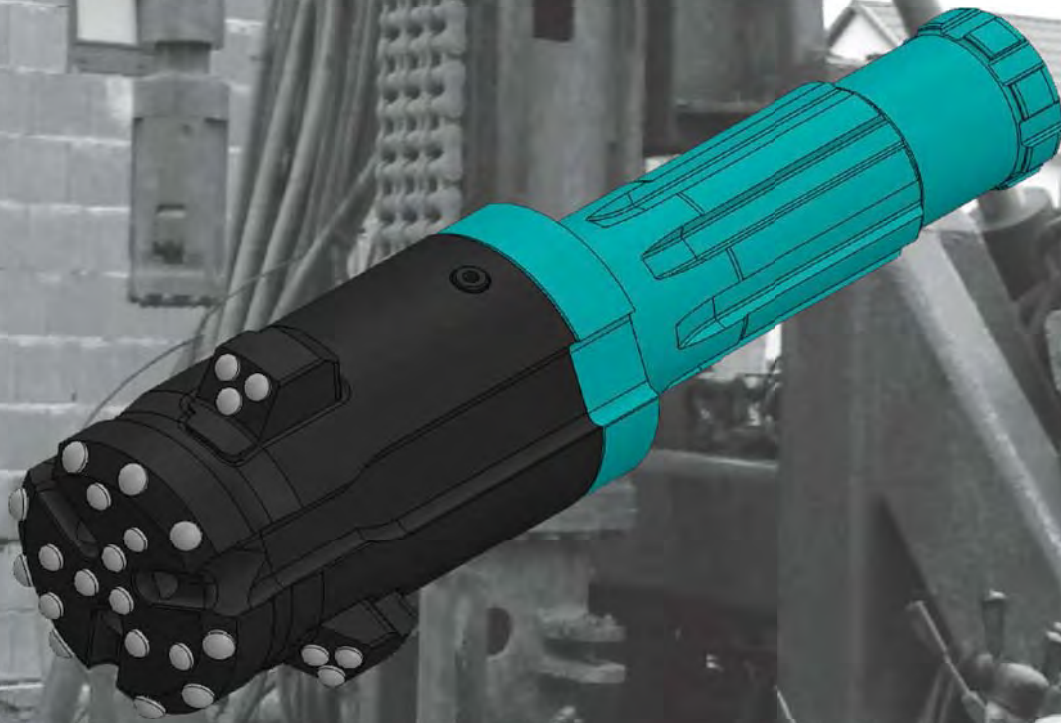


SPECIFICATION

ITEM	SIZE
Major Body Diameter	101mm
Length	411mm (IR 3.5)
System Open	125mm
Casing Size	101.6 / 115mm
Total Weight (Approx.)	13kg
Hammer Type	IR 3.5

EVERDIGM

DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING129**

Drilled Hole Diameter 164 mm
Casing Size O/D 152.4 mm
I/D 132.4 mm

E-mail : rocktool@everdigm.com

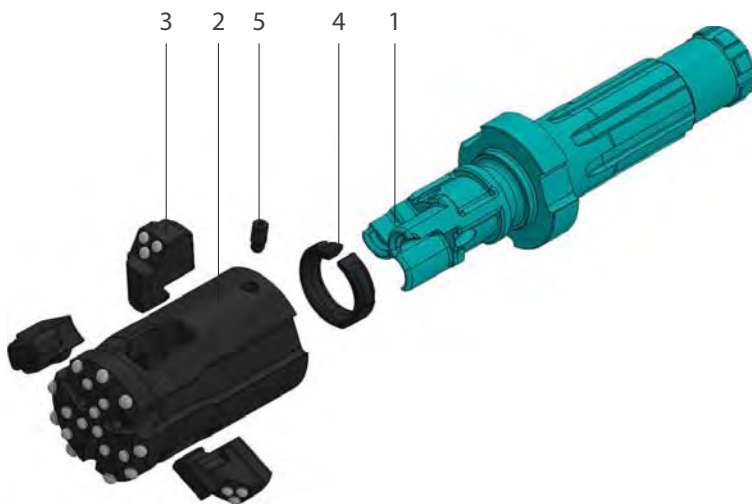


EVERDIGM DURAWING129

DURAWING129 is a concentric overburden system designed for casing of 164mm diameter hole, specialized through hard formation into bed rock.

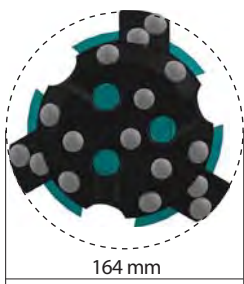
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING129 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA



SPECIFICATION

ITEM	SIZE
Major Body Diameter	129mm
Length	516mm (DHD350)
System Open	164mm
Casing Size	152.4 / 132.4mm
Total Weight (Approx.)	30kg
Hammer Type	DHD340, DHD350, MACH 50, QL 50, MC 55

EVERDIGM

DURAWING

- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING140**

Drilled Hole Diameter 185 mm
Casing Size O/D 153.2 mm
I/D 168.3 mm

E-mail : rocktool@everdigm.com

 **EVERDIGM**

EVERDIGM DURAWING140

DURAWING140 is a concentric overburden system designed for casing of 185mm diameter hole, specialized through hard formation into bed rock.

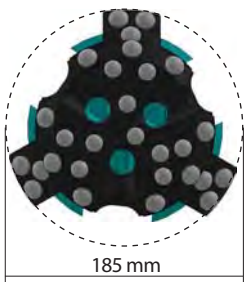
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING140 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA

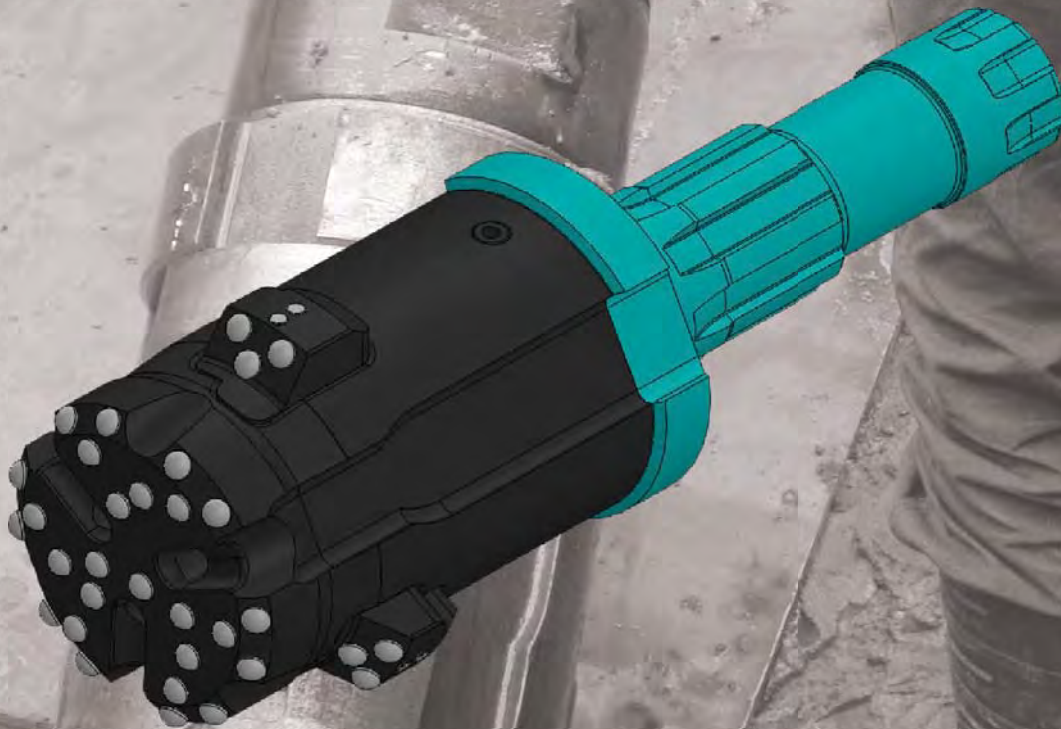


SPECIFICATION

ITEM	SIZE
Major Body Diameter	152mm
Length	566mm
System Open	185mm
Casing Size	153.2 / 168.3mm
Total Weight (Approx.)	39kg
Hammer Type	DHD340, MACH 50, QL 50, MC 55

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DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING190**

Drilled Hole Diameter 237 mm
Casing Size O/D 202.3 mm
I/D 222 mm

E-mail : rocktool@everdigm.com



EVERDIGM DURAWING190

DURAWING190 is a concentric overburden system designed for casing of 237mm diameter hole, specialized through hard formation into bed rock.

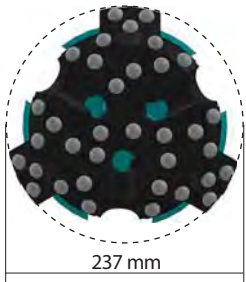
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING190 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA

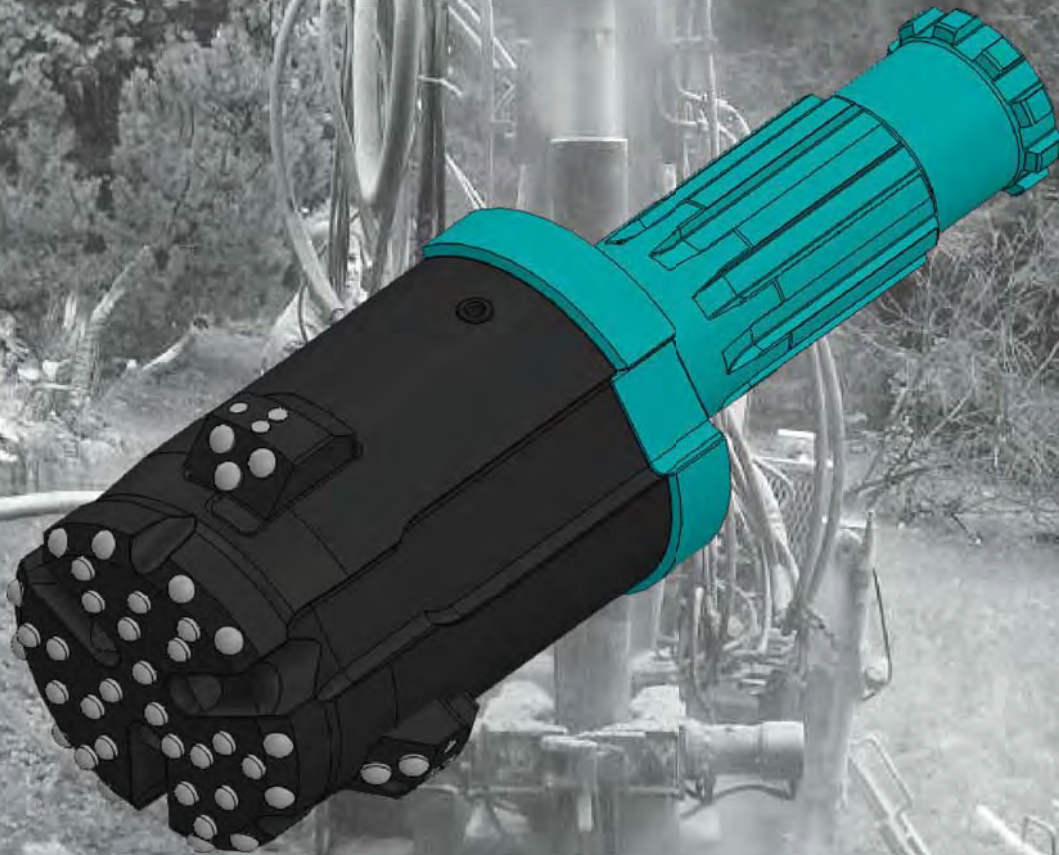


SPECIFICATION

ITEM	SIZE
Major Body Diameter	201.5mm
Length	648mm
System Open	237mm
Casing Size	202.3 / 222mm
Total Weight (Approx.)	76kg
Hammer Type	DHD360, QL 60, SD 60

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DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING240**

Drilled Hole Diameter 292 mm
Casing Size O/D 254.5 mm
I/D 273.1 mm

E-mail : rocktool@everdigm.com

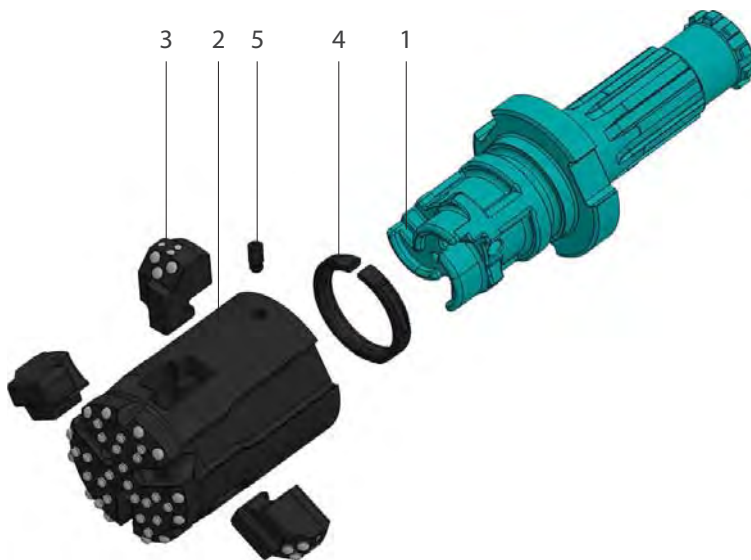


EVERDIGM DURAWING240

DURAWING240 is a concentric overburden system designed for casing of 292mm diameter hole, specialized through hard formation into bed rock.

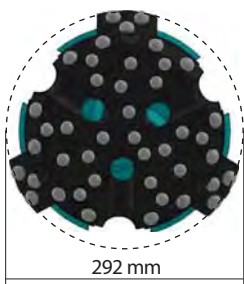
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING240 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA

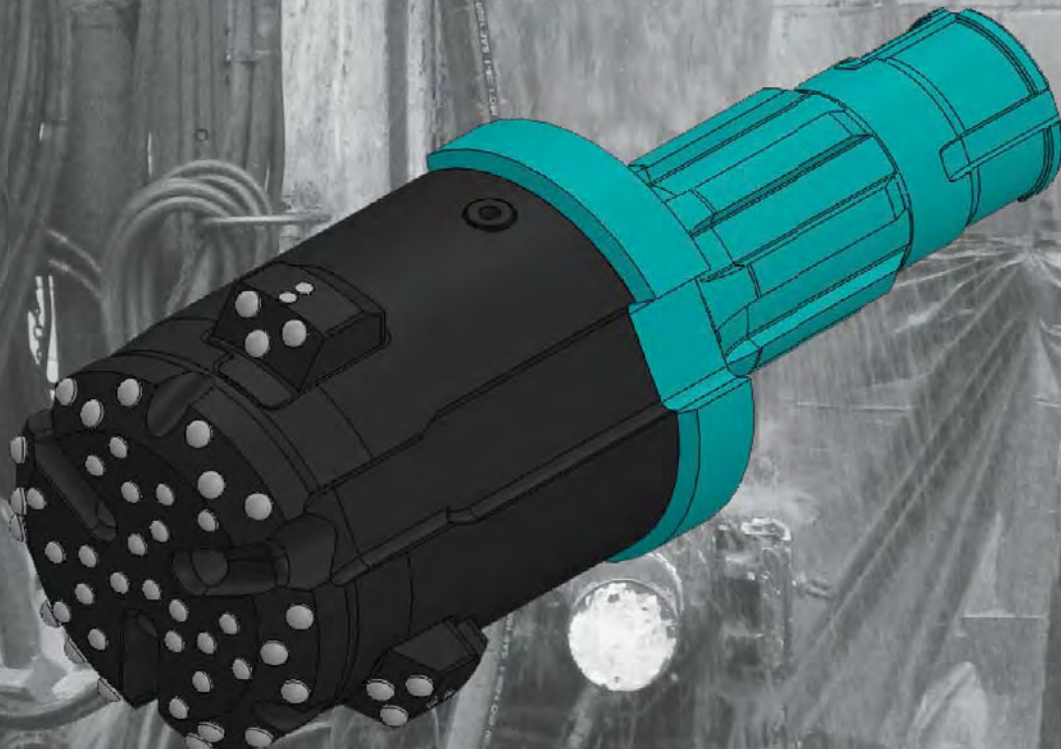


SPECIFICATION

ITEM	SIZE
Major Body Diameter	253mm
Length	746mm
System Open	292mm
Casing Size	254.5 / 273.1mm
Total Weight (Approx.)	143kg
Hammer Type	DHD380, QL 80, SD 80

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DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING280**

Drilled Hole Diameter 340 mm
Casing Size O/D 301.7 mm
I/D 323.9 mm

E-mail : rocktool@everdigm.com

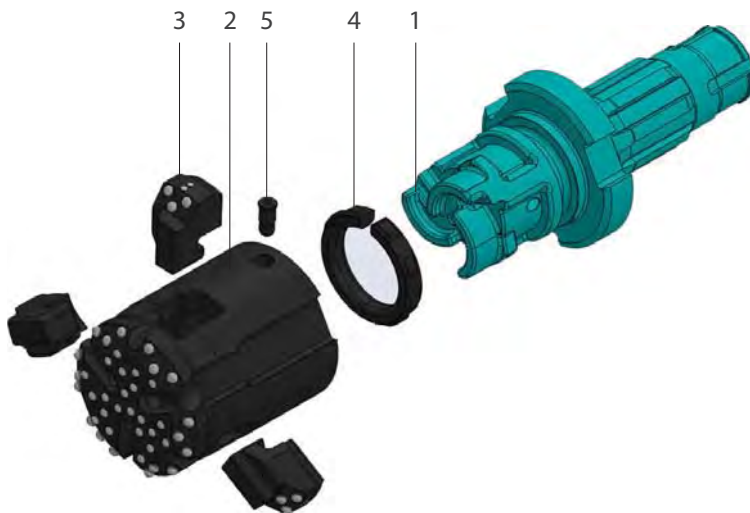


EVERDIGM DURAWING280

DURAWING280 is a concentric overburden system designed for casing of 340mm diameter hole, specialized through hard formation into bed rock.

The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING280 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA

SPECIFICATION

ITEM	SIZE
Major Body Diameter	300mm
Length	774mm
System Open	340mm
Casing Size	301.7 / 323.9mm
Total Weight (Approx.)	213kg
Hammer Type	SD 10



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DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING315**

Drilled Hole Diameter 373 mm
Casing Size O/D 336.6 mm
I/D 355.6 mm

E-mail : rocktool@everdigm.com

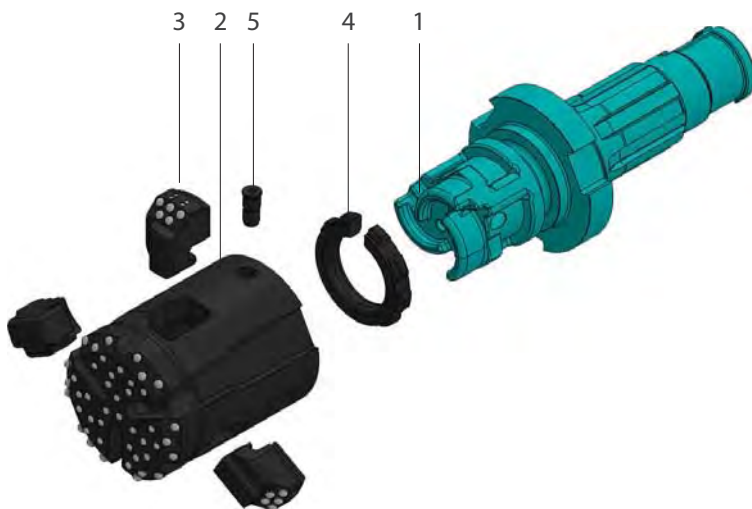


EVERDIGM DURAWING315

DURAWING315 is a concentric overburden system designed for casing of 373mm diameter hole, specialized through hard formation into bed rock.

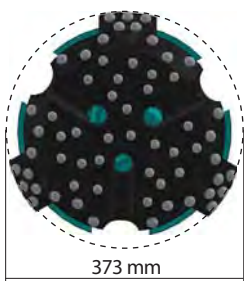
The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING315 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Retainer Ring	1	TBA
5	Locking Pin	1	TBA



SPECIFICATION

ITEM	SIZE
Major Body Diameter	334mm
Length	945mm
System Open	373mm
Casing Size	336.6 / 355.6mm
Total Weight (Approx.)	322kg
Hammer Type	SD 12, QL 120

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DURAWING

- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING365**

Drilled Hole Diameter 425 mm
Casing Size O/D 407 mm
I/D 387 mm

E-mail : rocktool@everdigm.com

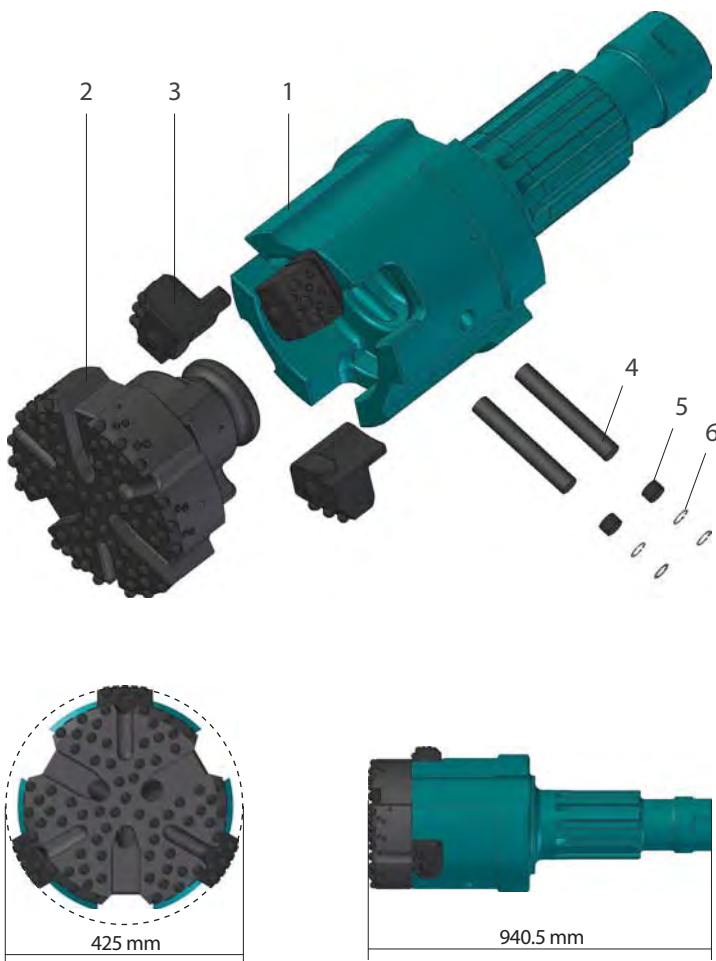


EVERDIGM DURAWING365

DURAWING365 is a concentric overburden system designed for casing of 425mm diameter hole, specialized through hard formation into bed rock.

The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING365 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Locking Pin	2	TBA
5	Spacer	2	TBA
6	Snap Ring	4	TBA

SPECIFICATION

ITEM	SIZE
Major Body Diameter	386 mm
Length	940.5 mm
System Open	425 mm
Casing Size	407 / 387 mm
Total Weight	389 kg

SIZING CHART

ITEM	STATUS	SIZE
Outer Diameter	Wing Expanded	425 mm
	Wing Retracted	363 mm
Casing	Inner Diameter	387.4 mm
	Outer Diameter	409.6 mm
Hammer Type	SD-12, DHD112, N120	

EVERDIGM DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

CONCENTRIC OVERBURDEN SYSTEM DURAWING560

Drilled Hole Diameter 630 mm
Casing Size O/D 609 mm
I/D 584 mm

E-mail : rocktool@everdigm.com

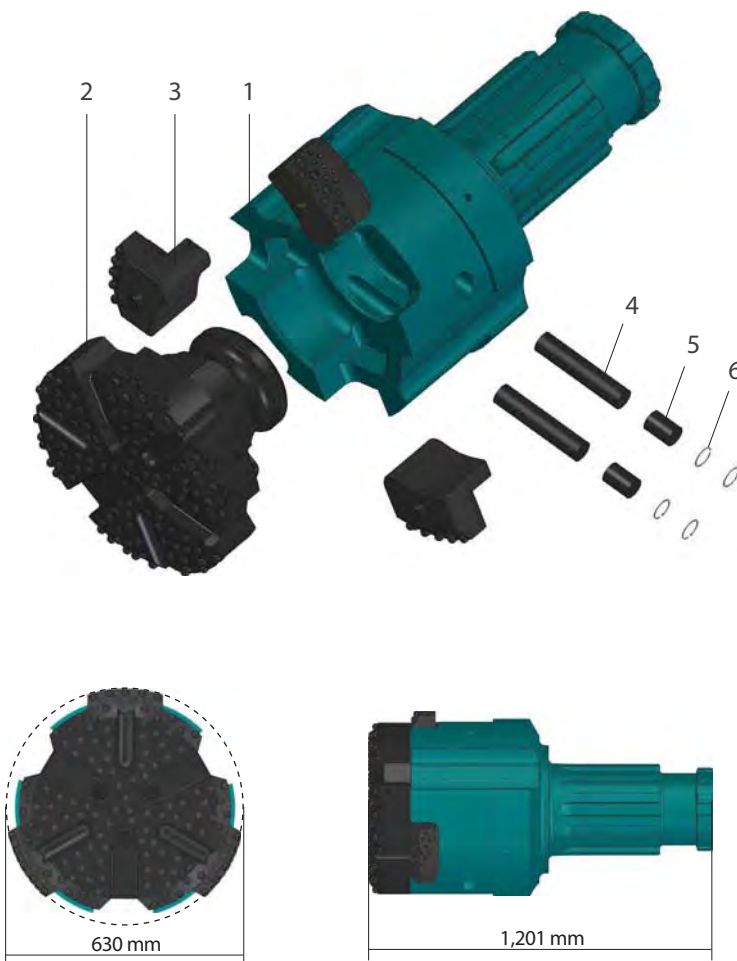


EVERDIGM DURAWING560

DURAWING560 is a concentric overburden system designed for casing of 630mm diameter hole, specialized through hard formation into bed rock.

The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING560 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Locking Pin	2	TBA
5	Spacer	2	TBA
6	Snap Ring	4	TBA

SPECIFICATION

ITEM	SIZE
Major Body Diameter	580mm
Length	1201mm
System Open	630mm
Casing Size	609 / 584mm
Total Weight	1,150kg

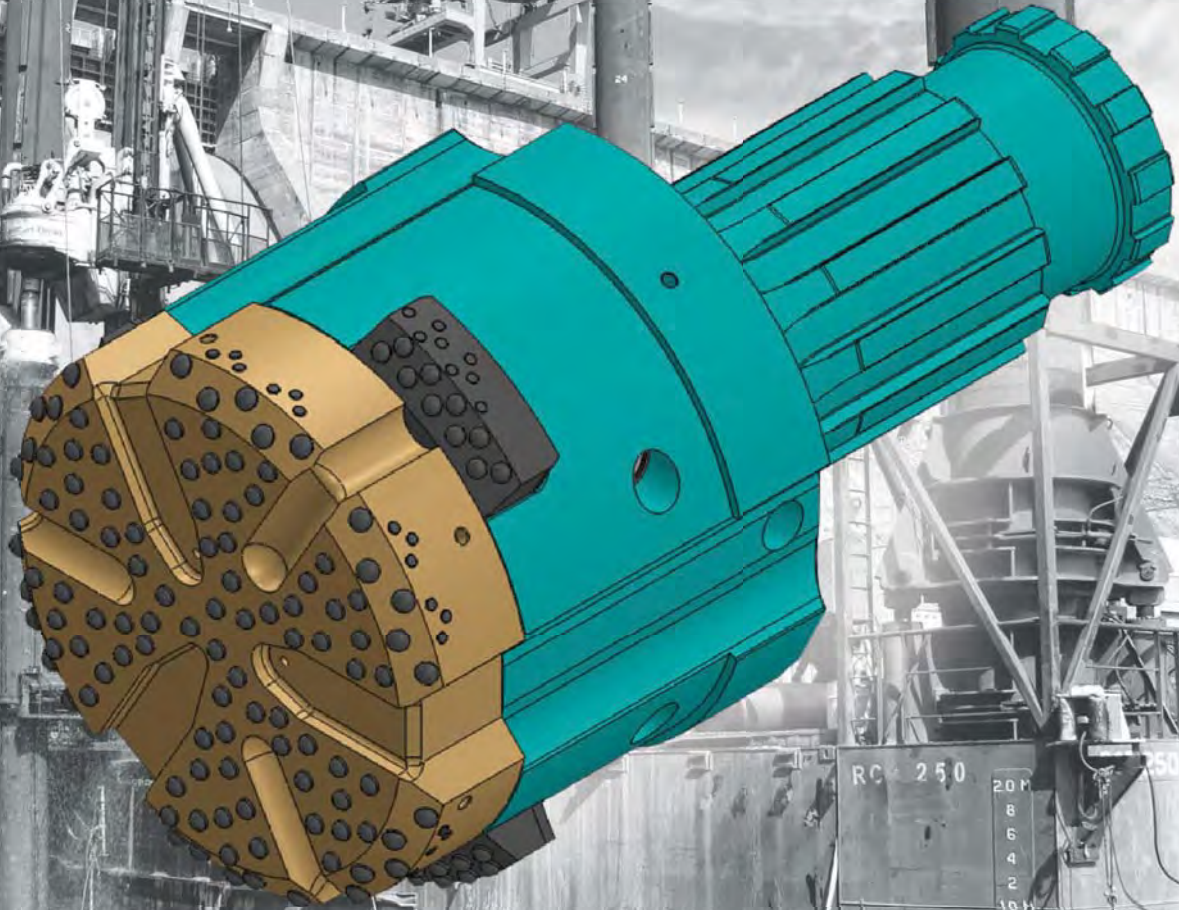
SIZING CHART

ITEM	STATUS	SIZE
Outer Diameter	Wing Expanded	630mm
	Wing Retracted	559mm
Casing	Inner Diameter	584.2mm
	Outer Diameter	609.6mm
Hammer Type	SD-18, DHD120A, N180, N240	

Minimises Disruption to Existing Sub Structures and Foundations

EVERDIGM

DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

CONCENTRIC OVERBURDEN SYSTEM **DURAWING560**

Indirect Flushing Type

Drilled Hole Diameter 630 mm
Casing Size O/D 609.6 mm
I/D 584.2 mm

E-mail : rocktool@everdigm.com



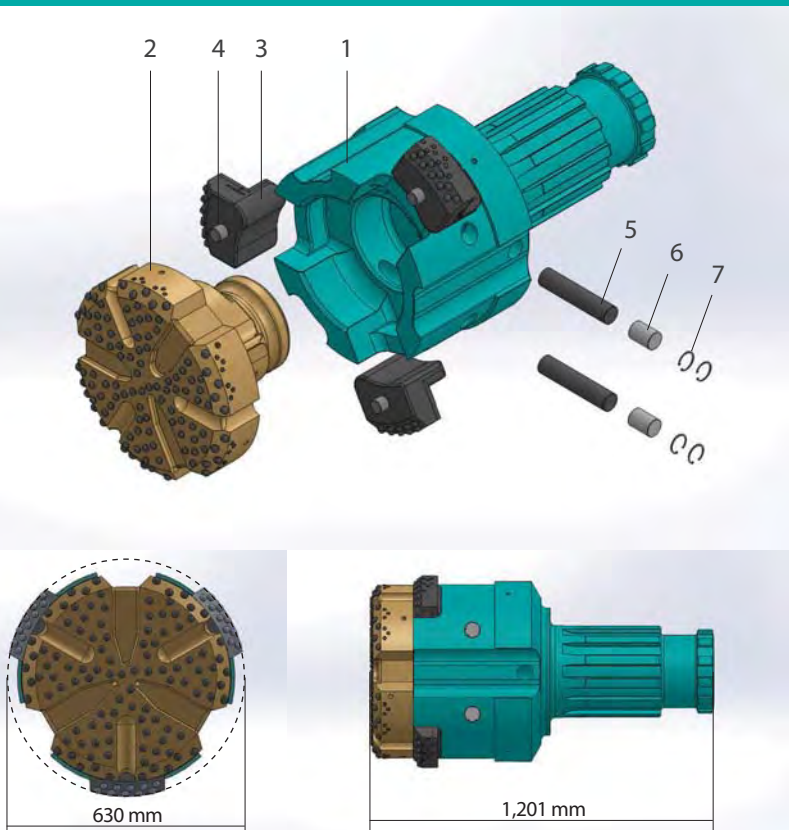
EVERDIGM DURAWING560

DURAWING560 is a concentric overburden system designed for casing of 630 mm diameter hole, specialized through hard formation into bed rock.

The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING560 is the self actuating wing bit system that is not related with unpredictable ground condition.

Our unique airflow system which vacuums the cuttings away from the drilling face. It diverts the exhaust air from the hammer so only a minimum amount of air can travel forward into the ground.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Guide Pin	3	TBA
5	Locking Pin	2	TBA
6	Spacer	2	TBA
7	Snap Ring	4	TBA

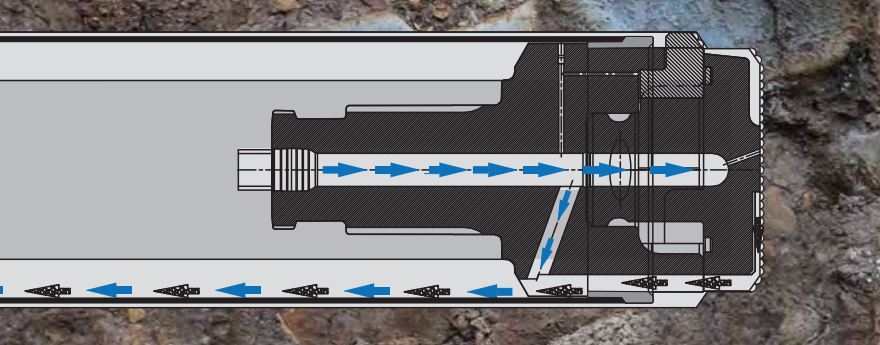
SPECIFICATION

ITEM	SIZE
Major Body Diameter	580 mm
Length	1,201 mm
System Open	630 mm
Casing Size	609 / 584 mm
Total Weight	1,150 kg (Approx.)

SIZING CHART

ITEM	STATUS	SIZE
Outer Diameter	Wing Expanded	630 mm
	Wing Retracted	559 mm
Casing	Inner Diameter	584.2 mm
	Outer Diameter	609.6 mm
Hammer Type	SD-18, DHD120A, N180, N240	

INDIRECT FLUSHING SYSTEM



EVERDIGM
DURAWING



- Absolute workability
- Replace only worn parts

- Quality forged material
- Effective air-flow

- Hole straightness
- Quality carbide

**CONCENTRIC
OVERBURDEN SYSTEM
DURAWING745**

Drilled Hole Diameter 842 mm
Casing Size O/D 813 mm
I/D 781 mm

E-mail : rocktool@everdigm.com

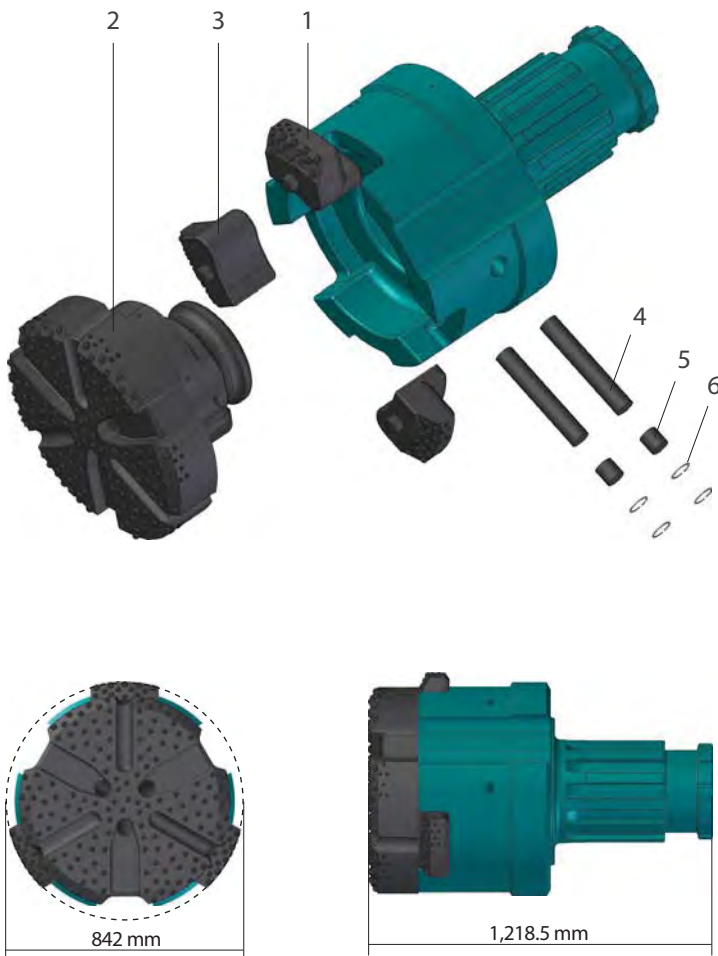


EVERDIGM DURAWING745

DURAWING745 is a concentric overburden system designed for casing of 842mm diameter hole, specialized through hard formation into bed rock.

The wing bits are enclosed on pocket area making it the most professional & efficient system in the market as it is free from clogging in loose overburden material while it go down to bedrock. When the drilling starts wing bits come out with unique cam sliding mechanism. The key feature of DURAWING745 is the self actuating wing bit system that is not related with unpredictable ground condition.

TECHNICAL SPECIFICATION



PART NAME

NO.	PART NAME	EA	PART NO.
1	Guide Device	1	TBA
2	Pilot Bit	1	TBA
3	Wing Bit	3	TBA
4	Locking Pin	2	TBA
5	Spacer	2	TBA
6	Snap Ring	4	TBA

SPECIFICATION

ITEM	SIZE
Major Body Diameter	776mm
Length	1218.5mm
System Open	842mm
Casing Size	813 / 781mm
Total Weight	2301kg

SIZING CHART

ITEM	STATUS	SIZE
Outer Diameter	Wing Expanded	842mm
	Wing Retracted	744mm
Casing	Inner Diameter	780.8mm
	Outer Diameter	812.8mm
Hammer Type	SD-18, DHD120A, N180, N240	

MINING AND CONSTRUCTION DRILLING PRODUCTS



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CORE DRILL RIGS



TOP HAMMER CONSUMABLES



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