Secoroc Rock Drilling Tools

Secoroc CDS EZ Cluster Drills

Sustainable Productivity

Atlas Copco

Presenting the latest in large hole drilling:

Secoroc CDS EZ Cluster drill

Wherever you need to drill deep and wide holes in solid rock, Secoroc CDS EZ Cluster Drills are the ideal solution for quick and easy rock drilling.

Kelly drive

Backhoe with rotary head

Cluster drill with calyx basket

Top drive with centralizer

New EZ maintenance and rapid bit changing

We've made the new CDS EZ Cluster drill quick and easy to service thanks to innovative solutions such as triple latch snap ring for in-situ bit changes and the new flange for improved access to all of the DTH hammers.

Secoroc CDS EZ Cluster drill with enhanced hammer access

The new drive flange facilitates ease of access to most hammers, including all gage hammers. In fact, this robust smaller flange is easy to handle when the internal hammers need service.

Consisting of a custom sized canister for the application, the drill incorporates four or more powerful Secoroc CS8 hammers that can be ordered in a variety of optional configurations including self indexing bits.

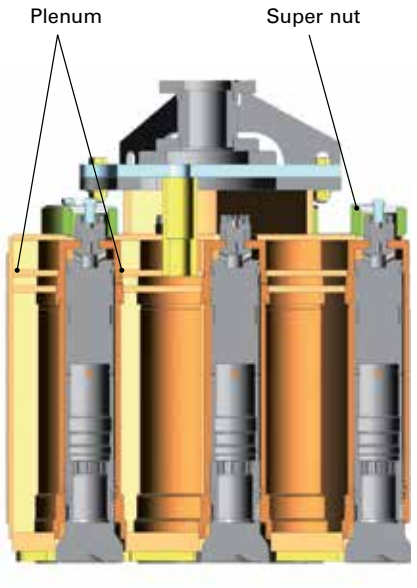
Cluster drills are even adaptable to reverse circulation or RC drilling as well as mud flush operations.

Basic CS8 hammer.
Available in 4 configurations.

Cluster drills specifications

Features & Benefits

- Short, lightweight package which will easily adapt to many geo-technical drill platforms.
- Highly efficient and reliable CS8 hammers provide power with minimal air consumption.
- Modular build allows rapid construction of custom diameter units.
- Quick-change bits can be removed and serviced without costly and time consuming disassembly of the drill.
- Dual-manifold can and module construction allows use in reverse circulation mud-water flushed applications.
- Design for reaming of predrilled pilot holes available.



CDS EZ Cluster drills now offered with new improvements

Canister

- Simple to access the “Super Nut”
- Smaller plenum for enhanced performance
- Fluted bit design for fast cutting removal

Four new hammer configurations

Self-Indexing hammers are recommended on the gage row to reduce torque, significantly reduce bit wear in one spot and prevent loss of hole diameter.

Non-Self-Indexing hammers are recommended in the interior hammer rows for ease of starting the drilling.

Quick Change Bit configuration allows for rapid bit changes in both self-indexing and non-self-indexing.

Product data - standard sizes

Model	Product No.	Product code	Diameter		No. of hammers		Length		Weight	
			mm	inch	Gage	Face	mm	inch	kg	lbs
CDS36 5/4	On request		915	36	4	1	1600	63	2800	6,300
CDS42 7/4	On request		1067	42	4	3	1600	63	4000	8,800
CDS46 7/4	On request		1169	46	4	3	1600	63	4300	9,500
CDS48 7/4	On request		1219	48	4	3	1600	63	4500	10,000
CDS54 9/5	On request		1372	54	5	4	1600	63	5800	12,700
CDS60 11/5	On request		1524	60	5	6	1600	63	7100	15,700
CDS70 13/5	On request		1778	70	6	8	1600	63	9100	20,000

Product No.	
52336690	Self-Index, Quick Change
52348968	Self-Index, Non Quick Change
52350832	Non-Self-Index, Quick Change
52352101	Non-Self-Index, Non Quick Change

Torque requirement:
1000 foot pounds per diameter inch.

Air requirement:
534cfm per hammer at 150psi.

9851 2842 01

Atlas Copco Secoroc
Box 521, SE-737 25 Fagersta, Sweden
Phone: +46 223 461 00
E-mail: secoroc@se.atlascopco.com
www.atlascopco.com