

Secoroc Rock Drilling Tools

Secoroc COP 20 down-the-hole hammer



A multi-purpose 2" hammer with excellent penetration rate

The new COP 20 down the hole hammer is the latest member of the COP family. Aimed at construction work such as ground reinforcement and anchor bolting, this new DTH hammer is ideal for 70 to 89 mm diameter holes in difficult ground conditions.

The COP 20 is a truly multi-purpose DTH hammer where small diameter holes are needed. It is ideal in quarrying and mining as well as dimensional stone industry (DSI), civil engineering and exploration drilling.

Thanks to the valved air regulation and lighter piston, this hammer offers excellent penetration rates compared to its predecessors.

Having combined the best from them with the latest DTH technology, COP 20 offers excellent reliability while operating at 7 to 12 bar. The hammer's proven check valve and spring combination means better protection from external water and cuttings while offering optimum functionality.

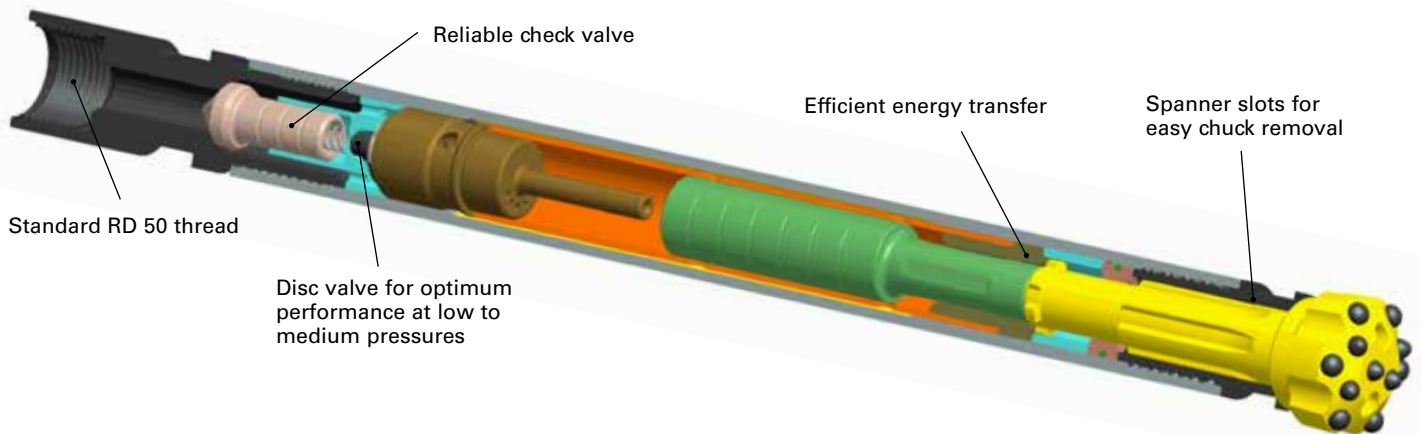
The proven 6-splined BR2 bit shank comes without an exhaust tube. This unique feature adds to the dependability of the hammer by avoiding downtime due to exhaust tubes failure.

There is a comprehensive range of COP 20 drill bits available from 70-96 mm in diameter.

Sustainable Productivity

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COP 20 specifications



General specifications		
Connection	RD-50-6 box	
Bit shank	BR2	
Length w/o bit shoulder to shoulder	810 mm	30.2 in
Length with bit extended	885 mm	34.8 in
Length with bit retracted	860 mm	33.8 in
Weight w/o bit	13.5 kg	26.7 lb
Backhead across flats	47.5 mm	1.9 in
Rec. bit size	70-96 mm	2.3-3.8 in
Outside diameter	62 mm	2.4 in
Piston weight	1.7 kg	3.7 lb
Maximum pressure differential	12 bar	175 psi

Secoroc COP 20		
Product No.	Product code	Connection
93501344	9702-CO-00-40B-44-000	RD 50-6 box

Air consumption and impact frequency			
7 bar/100 psi	76 scfm	36 l/s	1260 bpm
10 bar/145 psi	118 scfm	56 l/s	1455 bpm
12 bar/175 psi	131 scfm	62 l/s	1575 bpm

Bits	Product No.	Product code	No. of buttons x button diameter, mm, shape	
			Gauge buttons	Front buttons
70 mm, Convex	93501000	100-5070-44-221E,33-22	6 x 10, Spherical	5 x 10, Spherical
70 mm, Convex	93501001	100-5070-44-224E,33-22	6 x 10, Spherical	5 x 10, Semi-ballistic
70 mm, Flat front	93501726	100-5070-44-121E,33-22	6 x 10, Spherical	5 x 10, Spherical
72 mm, Flat front	93501002	100-5072-44-121E,33-22	6 x 10, Spherical	4 x 10, Spherical
76 mm, Flat front	93501005	100-5076-44-1B1F,33-22	6 x 12, Spherical	4 x 10, Spherical
76 mm, Convex	93501003	100-5076-44-221F,33-22	6 x 12, Spherical	5 x 10, Spherical
76 mm, Convex	93501004	100-5076-44-224F,33-22	6 x 12, Spherical	5 x 10, Semi-ballistic
76 mm, Flat front	93501006	100-5076-44-1B2F,33-22	6 x 12, Semi-ballistic	4 x 10, Semi-ballistic
76 mm, Flat front	93501446	100-5076-44-1B4F,33-22	6 x 12, Ballistic	4 x 10, Semi-ballistic
79 mm, Flat front	93501007	100-5079-44-1B1F,33-22	6 x 12, Spherical	5 x 10, Spherical
80 mm, Flat front	93501008	100-5080-44-1B1F,33-22	6 x 12, Spherical	5 x 10, Spherical
89 mm, Convex	93501009	100-5089-44-224F,33-22	6 x 12, Spherical	7 x 10, Semi-ballistic
89 mm, Flat front	93501725	100-5089-44-121F,33-22	6 x 12, Spherical	6 x 10, Spherical
95 mm, Flat front	93501011	100-5095-44-121F,33-22	6 x 12, Spherical	6 x 10, Spherical
95 mm, Concave	93501010	100-5095-44-024F,33-22	6 x 12, Spherical	6 x 10, Semi-ballistic
96 mm, Convex	93501012	100-5096-44-223A,33-22	7 x 12, Ballistic	6 x 12, Ballistic



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