

Secoroc COP 20 down-the-hole hammer

Secoroc Rock Drilling Tools



Designed for construction, quarry, mining and exploration drilling applications.

The new Secoroc COP 20 DTH hammer is the latest entrant in the successful COP range. It is the optimum solution when drilling 70 - 89 mm holes in difficult ground conditions and accessibility.

The COP 20 hammer, primarily aimed at quarry drilling, is also suitable for construction, mining and exploration drilling operations. Thanks to the valved configuration and lighter piston, this hammer offers high penetration rates compared to its predecessors. The valved air regulation employed in this hammer is designed to operate at its optimum in the 7 to 15 bar pressure range. It is based on one of our earlier patents, well proven over the years for reliability in operation.

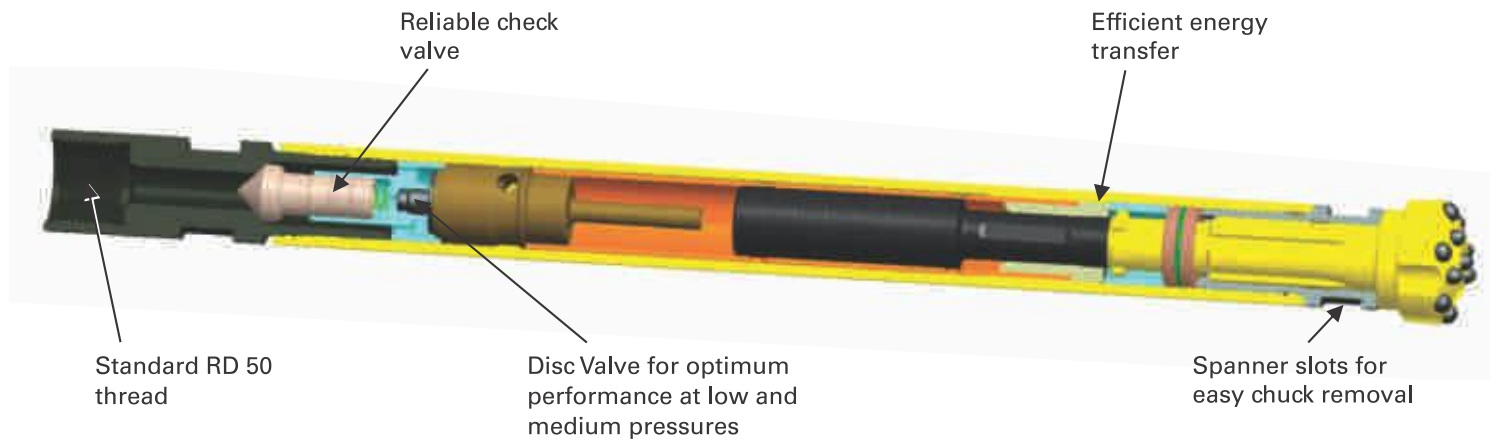
The bits come with 6-spline shaft, without exhaust tube. This unique feature on the bit adds to the dependability of the hammer by avoiding downtime, resulting from breakage of exhaust tubes.

The proven check valve and spring combination offers better protection from ingress of external water and cuttings, for optimum functionality of the hammer. COP 20 primarily drills 70 - 76 mm diameter holes, though 89 and 95 mm bits are available.

Sustainable Productivity

Atlas Copco

Secoroc COP 20 specifications



General specifications

Drill pipe connection	RD 50-6 Box	
Bit shank code / type	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
Back head across flats	47.5 mm	1.9 in
Rec. bit size	70 mm & above	2.7 in & above
Outside diameter	62 mm	2.4 in
Piston weight	1.7 kg	3.7 lb
Maximum Operating Pressure	15 bar	220 psi

COP 20 Hammer

Product No.	Product code	Connection
93501344	9702-01-70-00	RD 50-6 Box

Air consumption

Pressure	Ltrs/sec (CFM)
7 bar/ 101 psi	36 (76)
10 bar/ 145 psi	56 (118)
12 bar/ 174 psi	62 (131)
15 bar/ 220 psi	82 (173)

Bits	Product No.	Product code	Number of button 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	5 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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