

Atlas Copco Rock Drilling Tools

SECOROC Down-the-hole equipment

Total Depth Hammers



Maximum productivity

Our Total Depth product line is the best for drilling contractors, owner-operators and large corporations seeking maximum productivity from their costly drill-rig investment. This product line delivers industry-leading drilling performance using state-of-the-art technology. Our hybrid valved/valveless design maximizes the productivity of your air compressor. An enlarged piston bore coupled with accurate matching of piston-to-bit weight deliver the industry's highest power output.

Atlas Copco

TD 60/65/70 Specifications

General Specifications

	TD60		TD65		TD70	
	English	Metric	English	Metric	English	Metric
Standard drill pipe connection (see options)	3 1/2 API reg pin		3 1/2 API reg pin		4 1/2 BECO pin	
Outside diameter (in & mm)	5.6	142	5.9	149	6.0	152
Length w/o bit shoulder to shoulder (in & mm)	42.9	1091	42.9	1091	42.9	1091
Length with bit extended (in & mm)	48.1	1222	48.1	1222	48.1	1222
Length with bit retracted (in & mm)	46.6	1184	46.6	1184	46.6	1184
Weight w/o bit (lb & kg)	205	93	235	107	245	111
Backhead across flats (in)	2 1/4 x4 AF		2 1/4 x4 AF		2 1/4 x4 AF	
Minimum bit size (in & mm)	6.0	152	6.5	165	6.8	171
Maximum bit size (in & mm)	8.5	216	8.5	216	8.5	216
Bore (in & mm)	4.8	121	4.8	121	4.8	121
Piston weight (lb & kg)	47	21	47	21	47	21
Stroke (in & mm)	3.8	95	3.8	95	3.8	95
Maximum pressure differential (psig & bar)	350	25	350	25	350	25
Maximum choke diameter (in & mm)	NA	NA	NA	NA	NA	NA
Make-up torque (ft-lb & N-m)	6000	8124	6000	8124	6000	8124
Shank	QL60		QL60		QL60	

Air Consumption (AIRselect as shipped):

	TD60/65/70	
100 psi/ 6,9 bar (scfm & l/s)	229	108
blows per minute	1,384	
150 psi/ 10,3 bar (scfm & l/s)	360	170
blows per minute	1,500	
200 psi/ 13,8 bar (scfm & l/s)	502	237
blows per minute	1,616	
250 psi/ 17,2 bar (scfm & l/s)	655	309
blows per minute	1,732	
300 psi/ 20,7 bar (scfm & l/s)	818	386
blows per minute	1,847	
350 psi/ 24,1 bar (scfm & l/s)	993	468
blows per minute	1,963	
400 psi/ 27,6 bar (scfm & l/s)	1,178	556
blows per minute	2,079	
435 psi/ 30,0 bar (scfm & l/s)	1,314	620
blows per minute	2,160	

Above specifications/ratings are based on initial factory AIRselect setting

Part Information			CONNECTIONS										PHYSICAL FEATURES																							
Prod. code	Part No.	Description	2-3/8 reg pin	2-3/8 reg box	2-7/8 IF pin	2-7/8 IF box	2-7/8 reg pin	2-7/8 reg box	3-1/2 reg pin	3-1/2 reg box	3-1/2 IF pin	3-1/2 BECO pin	4 FH pin	4 BECO pin	4-1/2 reg pin	4-1/2 BECO pin	Blank Backhead	No Backhead	Standard	Deep Hole	Mizer	Quarry Mining	Low Pressure	High Frequency	Thick Casing	Tough Casing	Left Hand Threads	Cutting Backhead	Two Piece Chuck	Retrieval System	Hydrocyclone	Oil Free	Reduced OD	Oversize Chuck	AIRselect	Jet Sub Connection
52327616	9706-05-60-00	TD60							X										X																	X
52332624	9706-30-60-00	TD60			X														X																	X
52332632	9706-02-60-00	TD60			X														X																	X
52332640	9706-06-60-00	TD60							X										X																	X
52332657	9706-99-60-00	TD60															X		X																	X
52333804	9706-05-60-08	TD60						X											X								X									X
52331840	9706-26-60-00	TD60											X						X																	X
* 52338811	9706-05-61-04-000	TD60JS							X										X																	X X
* 52338829	9706-05-61-04-350	TD60JS						X											X																	X X
* 52338837	9706-05-61-04-750	TD60JS						X											X																	X X
52327624	9706-05-62-08	TD65-QM						X														X			X			X								X
52332608	9706-40-62-08	TD65-QM									X											X			X			X								X
52332616	9706-07-62-08	TD65-QM							X													X			X			X								X
52333937	9706-08-62-08	TD70-QM HD													X							X			X	X		X								X
52338233	9706-32-62-08	TD70-QM HD														X						X			X	X		X								X
TD60/65 Rebuild Kits & Accessories**																																				
52329471	TD60 E-Kit								X										X																	
52329497	TD65 E-Kit							X														X			X		X									

* Consult factory for technical support on air consumption.

** In addition to new externals, rebuild kits also contain internal hardware needed to insure your rebuild is good from the inside out.

Atlas Copco Secoroc offers a wide range of bit body designs and button inserts to meet your specific drilling requirements. Consult the Drill Bits catalogue, or contact your local sales office for details.

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