

# GSE DTH Hammer

Guizhou Sinodrills Equipment Co.,LTD.





**GSE-DHD3.5 DTH hammer**

DTH hammer exploded view	Parts name	Part number	Approx. weight(kg)
	01- top sub: 2 3/8" API Reg pin	DHD3.5-01	5.08
	02 -O ring	DHD3.5-02	0.01
	03-check valve dart	DHD3.5-03	0.14
	04-Spring	DHD3.5-04	0.02
	05-steel washer	DHD3.5-05	0.10
	06-rigid valve	DHD3.5-06	0.82
	07-O ring	DHD3.5-07	0.01
	08-internal cylinder	DHD3.5-08	1.20
	09-piston	DHD3.5-09	5.08
	10-out tube	DHD3.5-10	8.24
	11- bit retainer ring	DHD3.5-12	0.12
	12- O ring	DHD3.5-13	0.01
	13- drive sub	DHD3.5-14	1.79
Seal kit:		DHD3.5-SK	0.03
02 x 1			
07 x 1			
12 x 1			
Repair kit:		DHD3.5-RK	15.14
01 x 1			
10 x 1			
13 x 1 seal kit x 1			

Bit Shank  
DHD3.5

**GSE-DHD3.5 DTH hammer technical data**

Net weight	Out diameter	DTH hammer length without bits		Frequency at 18 bar
22.62 kgs	80 mm	808 mm		32 HZ
Rec. hole size	Working pressure	Air consumption: M <sup>3</sup> (CBM)/min		
90mm-105mm	8 bar-30 bar	@ 10 bar	@18 bar	@ 24 bar
		4.5	9.5	12.5

**GSE-DHD340 DTH hammer**

DTH hammer exploded view	Parts name	Part number	Approx. weight(kg)
	01- top sub: 2 3/8" API Reg pin	DHD340-01	7.00
	02 -O ring	DHD340-02	0.01
	03-check valve dart	DHD340-03	0.30
	04-Spring	DHD340-04	0.05
	05-steel washer	DHD340-05	0.15
	06-rigid valve	DHD340-06	1.40
	07-O ring	DHD340-07	0.01
	08-internal cylinder	DHD340-08	2.00
	09-piston	DHD340-09	8.20
	10-out tube	DHD340-10	15.00
	11- bit retainer ring	DHD340-12	0.34
	12- O ring	DHD340-13	0.01
	13- drive sub	DHD340-14	4.00
	Seal kit:		DHD340-SK
02 x 1			
07 x 1			
12 x 1			
Repair kit:		DHD340-RK	26.03
01 x 1			
10 x 1			
13 x 1 seal kit x 1			

  

Bit Shank  
DHD340

**GSE-DHD340 DTH hammer technical data**

2	Net weight	Out diameter	DTH hammer length without bits		Frequency at 18 bar
	38.00 kgs	99 mm	881 mm		31 HZ
Rec. hole size	Working pressure	Air consumption: M <sup>3</sup> (CBM)/min			
108mm-130mm	8 bar-30 bar	@ 10 bar	@ 18 bar	@ 24 bar	
		5	10.2	15	

**GSE-DHD350 DTH hammer**

DTH hammer exploded view	Parts name	Part number	Approx. weight(kg)
	01- top sub: 2 3/8" API Reg pin	DHD350-01	19.00
	3 1/2" API Reg pin	DHD350--01	19.50
	02 -O ring	DHD350--02	0.01
	03-check valve dart	DHD350--03	0.30
	04-Spring	DHD350--04	0.05
	05-steel washer	DHD350--05	0.27
	06-rigid valve	DHD350--06	2.82
	07-O ring	DHD350--07	0.01
	08-internal cylinder	DHD350--08	3.15
	09-piston	DHD350--09	14.58
	10-out tube	DHD350--10	25.11
	11-locating sleeve	DHD350--11	0.59
	12-O ring	DHD350--12	0.01
	13- bit retainer ring	DHD350--13	0.33
	14-O ring	DHD350--14	0.01
15- drive sub	DHD350--15	6.96	
Seal kit:		DHD350-SK	0.04
02 x 1 14 x 1			
07 x 1			
12 x 1			
Repair kit:		DHD350-RK	51.61
01 x 1			
10 x 1			
15 x 1 seal kit x 1			

Bit Shank  
DHD350

**GSE- DHD350- DTH hammer technical data**

Net weight	Out diameter	DTH hammer length without bits		Frequency at 18 bar
74.0 kgs	126mm	992 mm		30 HZ
Rec. hole size	Working pressure	Air consumption: M <sup>3</sup> (CBM)/min		
134mm-152mm	8 bar-30 bar	@ 10 bar	@ 18 bar	@ 24 bar
		7.5	14.7	19.5

**GSE-DHD360 DTH hammer**

DTH hammer exploded view	Parts name	Part number	Approx. weight(kg)
	01- top sub: 3 1/2" API Reg pin	DHD360-01	22.14
	02 -O ring	DHD360-02	0.01
	03-check valve dart	DHD360-03	0.80
	04-Choke blank (optional)	DHD360-04	0.01
	05-Spring	DHD360-05	0.05
	06 -Disc Spring	DHD360-06	0.35
	07-Steel washer	DHD360-07	0.28
	08-Rigid valve	DHD360-08	3.52
	09-O ring	DHD360-09	0.01
	10-Internal cylinder	DHD360-10	4.45
	11-Piston	DHD360-11	23.87
	12-Out tube	DHD360-12	32.57
	13-Retainer sleeve	DHD360-13	2.62
	14-O ring	DHD360-14	0.01
	15-Bit retainer ring	DHD360-15	0.84
	16-O ring	DHD360-16	0.01
	17-Drive sub	DHD360-17	8.94
Seal kit:		DHD360-SK	0.05
02 x 1	14 x 2		
09 x 1	16 x 1		
Repair kit:		DHD360-RK	63.71
01 x 1			
12 x 1			
17x 1	seal kit x 1		

  

Bit Shank  
DHD360

**GSE-DHD360 DTH hammer technical data**

Net weight	Out diameter	DTH hammer length without bits		Frequency at 18 bar
110.0 kgs	144 mm	1135 mm		28 HZ
Rec. hole size	Working pressure	Air consumption: M <sup>3</sup> (CBM)/min		
4 154mm-254mm	8 bar-30 bar	@ 10 bar	@ 18 bar	@ 24 bar
		8.7	14.5	25

**GSE-DHD380 DTH hammer**

DTH hammer exploded view	Parts name	Part number	Approx. weight(kg)
	01- top sub: 4 1/2" API Reg pin	DHD380-01	40.48
	02 -O ring	DHD380-02	0.01
	03-check valve dart	DHD380-03	0.80
	04-Choke blank (optional)	DHD380-04	0.01
	05-Spring	DHD380-05	0.05
	06 -Disc Spring	DHD380-06	0.80
	07-Steel washer	DHD380-07	1.13
	08-Rigid valve	DHD380-08	8.15
	09-O ring	DHD380-09	0.01
	10-Internal cylinder	DHD380-10	7.30
	11-Piston	DHD380-11	41.31
	12-Out tube	DHD380-12	59.85
	13-Bit retainer ring	DHD380-13	1.52
	14-O ring	DHD380-14	0.01
	15-Drive sub	DHD380-15	18.21
Seal kit:		DHD380-SK	0.03
02 x 1			
09 x 1			
14 x 1			
Repair kit:		DHD380-RK	118.57
01 x 1			
12 x 1			
15 x 1 seal kit x 1			

  

Bit Shank  
DHD380

**GSE- DHD380 DTH hammer technical data**

Net weight	Out diameter	DTH hammer length without bits		Frequency at 18 bar
180.0 kgs	182 mm	1228 mm		23 HZ
Rec. hole size	Working pressure	Air consumption: M <sup>3</sup> (CBM)/min		
203mm-305mm	8 bar-30 bar	@ 10 bar	@ 18 bar	@ 24 bar
		12	26	35

**For more DTH Hammers, please contact with us**

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We drill in 82 countries



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