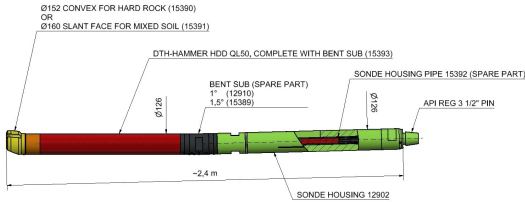


GEONEX HDD STEERING HAMMER SOLUTION

HDD STEERING HAMMER AND SONDE ROD



Geonex HDD Steering Hammer system consists of: Steering pilot, DTH hammer, Bent sub and Sonde Housing. The system is easy to set up on site. Robust and durable steering pilot has slanted face for steering. Together with bent sub, they provide more responsive steering with dual steering points.

APPLICATIONS FOR GEONEX HDD STEERING HAMMER SOLUTION

✓ Horizontal Directional Drilling

HDD Steering hammer is optimal for drilling under objects like roads, rivers and buildings.

✓ Fixing sidetracked rock hole

While drilling straight on rock soil, HDD Steering Hammer can steer to opposite direction to fix sidetracking problems.

✓ Easy and responsive steering

Durable Steering pilot provides more responsive steering with dual steering points.

TECHNICAL INFORMATION

Geonex HDD Hammer	
Drill Bit Shank Type	HDD
Pilot Bit Size mm (in)	152-159 (6,0-6.25)
Outside Diameter mm (in)	126mm (5,0)
Top Thread	3 1/2" API Reg Pin
Spanner Flat Size mm (in)	95 (3,75)
Weight (Less Bit) kg (lbs)	70 (143)
Length (with bent sub) mm (in)	1150 (45,2)
Piston Weight (with bent sub) kg (lbs)	14 (143)
Reomended air flow l/s(cfm)	450 (950)
Suitable for operation at air pressures of bar(psi)	7-35 (100- 507)
Recommended Maximum Thrust kg (lbs)	900 (1980)

Geonex HDD Sonde rod	
Sonde type	Digitrack
Outside Diameter mm (in)	126 (5,0)
Length, Normal type mm (in)	1135 (44,7)
Weight kg (lbs)	90 (198)
Length, Length type mm (in)	1200 (47,2)
Weight (Less Bit) kg (lbs)	145 (302)
Spanner Flat Size mm (in)	95 (3,75)

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Drilling equipment for Geonex HDD Hammer Solution

Prod. name	Prod. number	Technical description	Weight kg (lb)
HDD Hammer	15393	Ø126mm Complete hammer with Bent Sub, Top Adaptor API reg. 3 1/2M, Air pressure 100-435PSI (7-30 bar)	68kg (150lb)
Sonde Rod	12480	Ø126mm Sonde Rod API reg. 3 1/2"M-F complete	90kg (198lb)
Sond Housing Pipe (Spare Part)	15392	Complete Sond Housing Pipe	5kg (11lb)
Drill Bit	15391	Ø160mm Mixed soil type: HDD angle face	27kg (59lb)
Drill Bit	15390	Ø152mm Hard rock type: convex face	25kg (55lb)
Bent Sub (Spare Part)	12910	Bent Sub, angle: 1.0 degrees, API reg. 3 1/2M	25kg (55lb)
Bent Sub (Spare Part)	15389	Bent Sub, angle: 1.5 degrees, API reg. 3 1/2M	25kg (55lb)