

Open hole Cased hole Coring

DRILLING SIDEWALL CORE SAMPLER SKT-3M



SCOPE OF APPLICATION

- Side-wall coring in oil and gas open holes
- Side-wall coring in cased holes
- Drilling perforation in cased wells with the large diameter of pipes
- Perforation channels of 35 mm in diameter in cased wells of large size

FEATURES AND ADVANTAGES

- Increase exploration efficiency by partially or fully replacing core sampling with side-wall coring
- Ensure accurate tie of samples to the geological section and oriented sampling of the interval of interest based on gamma-ray logging data.
- Provide casing and cement sampling when studying wellbore integrity of large diameter in long-term operation.
- Enable drilling perforation of cased wells of large diameter
- Ensure perforation channels of 35 mm in diameter in large-size pipes when performing workover of annular space cementing

SPECIFICATIONS

Well size	
- open hole	190–300 mm/ 7.48-11.81 in
- cased hole	190–324 mm/ 7.48-12.76 in

Core samples size: diameter/length	22/50 mm/ 0.866-2.165 in
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Perforation channel size: diameter/length	20/55 mm/ 0.787-2.165 in
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Temporary holes diameter, mm	35 mm/ 1.378 in
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Max. sampling depth, m	
- on three-core cable	5000 m/ 16404 ft
- on seven-core cable	6000 m/ 19685 ft

Tool dimensions: size/length, mm	149/3400 mm/ 5.87/ 133.86 in
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Sampler weight, kg	150 kg/ 330.7 lb
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