

滚轮稳定器（随钻铰孔器）Roller Reamer



滚轮稳定器可以在硬的或研磨性岩层保持井眼的标准直径。当钻头磨损到小于标准尺寸时，滚轮稳定器可以扩大井底井径到标准井径。无论直井还是定向井，滚轮稳定器可以确保后面的钻头或套管能下入正常井径尺寸。滚轮稳定器的特点是与井壁的摩擦阻力小，耐磨性强，使用寿命长，其滚轮在钻井平台上更换容易。而滚轮又分为镶齿型（用于研磨性地层）、窄齿型（用于硬地层）、宽齿型（用于软地层）三种。

Roller stabilizer can keep standard diameter of the well hole of the hard and abrasive formations. When the drill bit wear to less than the standard size, roller stabilizer can expand the bottom hole caliper to standard caliper. Both vertical well and directional well, roller stabilizer can ensure that the back of the drill bit or casing can down to normal size of caliper. The low friction resistance with borehole wall, wear resistance and long service life is the feature of roller stabilizer, the roller on the drilling platform is easy to replace. The roller is divided into three types, which are the insert type (used for abrasive formation), the narrow tooth type(used in hard formation) and the width tooth type (used in soft formation).

规格 Specifications

| 井径 (in) Hole size | 连接螺纹 Connection | 稳定器全长 Overall length(mm) | 体外径 Neck OD(mm) | 滚轮直径 Cutter Dia(mm) | 滚轮长度 Cutterlength(mm) |
|----------------------|--------------------|--------------------------------|--------------------|------------------------|--------------------------|
| 36" | 8—5/8REG | 3000 | 254 | 210 | 450 |
| 28" | 7—5/8REG | 3000 | 241 | 178 | 400 |
| 26" | 7—5/8REG | 3000 | 254 | 178 | 400 |
| 17—1/2" | 7—5/8REG | 2200 | 228 | 140 | 304 |
| 12—1/4" | 6—5/8REG | 2000 | 228 | 100 | 300 |
| 8—1/2" | NC50 | 1730 | 165 | 71 | 200 |