



MECHANICAL DRILLING JAR

Mechanical drilling jar is full mechanical type drilling jar and releasing stuck tool. It integrate upward jarring with downward jarring so that it can release drilling tools from the block or the stuck etc. during drilling. It is a part of drill stem when it doesn't jarring and it can work at any time when need jarring, thus it is highly improve the drilling efficiency, it has widely load (jarring force) scope of upward jarring and download jarring, so it can be adjusted at the maintenance station or on the well site according to the requirement. The special flexible joint can effectively reduce the flexural stress of the drilling jar body. Therefore, it is the first selected drilling jar for vertical well, deep well, directional well and complicated well operations..

Technical Specification

Model		BZ121	BZ165	BZ203	BZ229
OD	mm (inch)	121 (4-3/4)	165 (6-1/2)	203 (8)	229 (9)
ID	mm (inch)	50.8(2)	57.2 (2-1/4)	71.4 (2-13/16)	76.2 (3)
Tool Joint Connection	API	NC38	NC50	6-5/8 REG	7-5/8 REG
Max. Upward Jarring Force	KN (lbf)	450 (100,000)	630 (140,000)	820 (184,000)	1000 (225,000)
Max. Downward Jarring Force	KN (lbf)	230 (51,700)	360 (81,000)	460 (103,500)	500 (112,000)
Max. Tensile Load	KN (lbf)	1100 (247,000)	2000 (450,000)	2500 (562,000)	3000 (675,000)
Tensile Yield	KN (lbf)	1500 (337,000)	3000 (675,000)	4000 (900,000)	6000 (1350,000)
Torsional Limited	KN·m (lbf·ft)	13 (10,000)	15 (11,000)	20 (14,000)	45 (33,000)
Torsional Yield	KN·m (lbf·ft)	20 (14,000)	25 (18,000)	35 (25,000)	60 (45,000)
Overall Length	mm (ft)	6370 (20.9)	7015 (23)	7310 (24)	7431 (24.4)

