

HYDRAULIC MECHANICAL DOUBLE ACTING JARS



Drilling motors and tools
SOKOL

The **SOKOL Hydraulic Mechanical Double Acting Jar** is the drilling tool applied for the release of stuck tools. In case of drill string stuck, the jar facilitates its release. **Hydraulic Mechanical Double Acting Jars** are specially designed to deliver hydraulic delay when jarring in the up direction and mechanical release when jarring in the down direction. A latch mechanism prevents the jar from releasing accidentally during drilling and tripping operations. Jarring intensity is controlled by the amount of the drill string tension during the hydraulic delay.

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Size	Max OD, mm	Length, mm	Up/Down stroke, mm	Up latch setting, kgf (down latch release setting is 45% of the up latch release setting)	Min thru bore, mm	Max pull during delay, kgf	Tensile yield, kgf	Torsion al limit, kgf*m	Tool joint (may be customized)
89mm (3 1/2")	92	5 200	203 / 172	11 400...16 000	32	22 600	51 700	600	NC 26
95mm (3 3/4")	97	5 600	203 / 172	11 400...16 000	30	29 500	52 200	600	NC 26
121mm (4 3/4")	124	6 300	230 / 152	16 300...25 000	57	34 600	95 800	1 400	NC 38
127mm (5")	127	6 300	230 / 152	16 300...25 000	57	34 600	95 800	1 400	NC 38
165mm (6 1/2")	168	6 500	152 / 152	36 700...59 000	57	72 500	218 500	3 900	NC 50
172mm (6 3/4")	176	6 800	230 / 152	38 800...59 000	70	86 100	234 200	3 900	NC 50
203mm (8")	207	7 100	230 / 152	40 800...72 600	70	108 800	258 500	6 200	6 5/8 Reg