

Drilling Jar

[Drilling Jar](#) is a kind of safety tool. When testing tool get stuck, you can use bumper to unfreeze the tool and carry on shocking pipe string. When using this bumper, you should exert a pulling power to the pipe string first, and then releasing the pulling power on the bumper so that the drill stem contracts after the drill stem is stretched. At this time, an impact will act to a jammed tool. If you need multiple shocks, you can operate the bumper repeatedly and repeat the above procedures to obtain.

General Features



ZJQ series Drilling Jars are effective tools for releasing stuck drill pipe. Suitable for onshore or offshore drilling operations.

Details

The ZJQ series drilling jars were developed to provide the market with more reliable technology and more hoisting performance. The drilling jar is an effective tool for releasing stuck [drilling pipe](#), it is consisting of drilling up jar and drilling down jar, both up and down jars can be used mutually or operated separately. Included but not limited by the advantages mentioned, ZJQ series drilling jars might be your best choice.

General Features

- Suitable for cold area and desert environment
- Suitable for onshore or offshore rigs
- Various size available for different operation requirement

Main aramaters

Outside Diameter: 4-3/4" – 6-5/8" (121 mm – 203 mm)

Maximum Working Torque: 9.6 klbf.ft – 14.75 klbf.ft (13 kN.m – 20 kN.m)

Parameters:

Drilling Jar

Model		ZJQ80	ZJQ76	ZJQ70	ZJQ62	ZJQ56	ZJQ46
O. D. (mm)		203	197	178	160	146	121
I. D. (mm)		71.4	71.4	70	57	57	51
Pull Down Overall Length (mm)	Up	5,515	5,515	5,424	5,360	5,730	5,270
	Down	5,250	5,250	5,215	5,208	5,000	5,125
Pull Down Stroke (mm)	Up	368	368	344	38044	332	305
	Down	178	178	178	178	180	178
Thread Conn. API		6-5/8 REG	6-5/8 REG	NC50	NC46	6-5/8 REG	NC38
Max. Tensile Load (kN)		2,500	2,500	2,300	2,200	2,000	1,400
Max. Working Torque (N.m)		20 X 10 ³	18 X 10 ³	15 X 10 ³	15 X 10 ³	15 X 10 ³	13 X 10 ³
Weight (kg)	Up	1,085	980	680	530	480	330
	Down	1,027	920	645	520	457	310

Fishing Jar

Model	Pull-down Length (mm)	O. D. (mm)	I. D. (mm)	Stroke (mm)	Tensile Load (kN)	Max. Tension Downhole (kN)	Sealing Pressure (MPa)	Highest Working Temp. (°C)	API Connection
ZJQ42F	3,980	108	32	305	700	300	20	150	NC31
ZJQ44F	3,980	114	51	305	780	340	20	150	NC31
ZJQ46F	3,980	121	51	305	980	400	20	150	NC38
ZJQ62F	4,098	160	57	320	1,270	700	20	150	NC50
ZJQ64F	4,177	165	57	320	1,370	750	20	150	NC50
ZJQ65F	4,177	168	57	320	1,470	800	20	150	NC50
ZJQ70F	4,250	178	60	320	1,570	800	20	150	NC50
ZJQ80F	4,318	203	70	330	1,870	800	20	150	6-5/8 REG