



DRILLING JARS

TAQA's drilling jars remain the toughest and most durable in the industry. The two way action of the jars give the operator the ability to work the tool both, upwards and downwards. To fit any application, TAQA offers hydraulic mechanical, double acting hydraulic and double acting mechanical drilling jars. TAQA's proprietary internal mechanical latch assures that the jar will not accidentally fire while tripping or making connections.

CHALLENGE

When the drill string becomes stuck downhole, you need a high-impact drilling jar to apply force to the stuck point in the drill string. This releases the string and allows you to either continue drilling or to smoothly pull out of the hole.

APPLICATION

TAQA's drilling jars are the toughest and most durable in the industry. With reliable, state-of-the-art design, they are ideal for directional, horizontal and deep hole applications – both on and offshore.

RESULTS

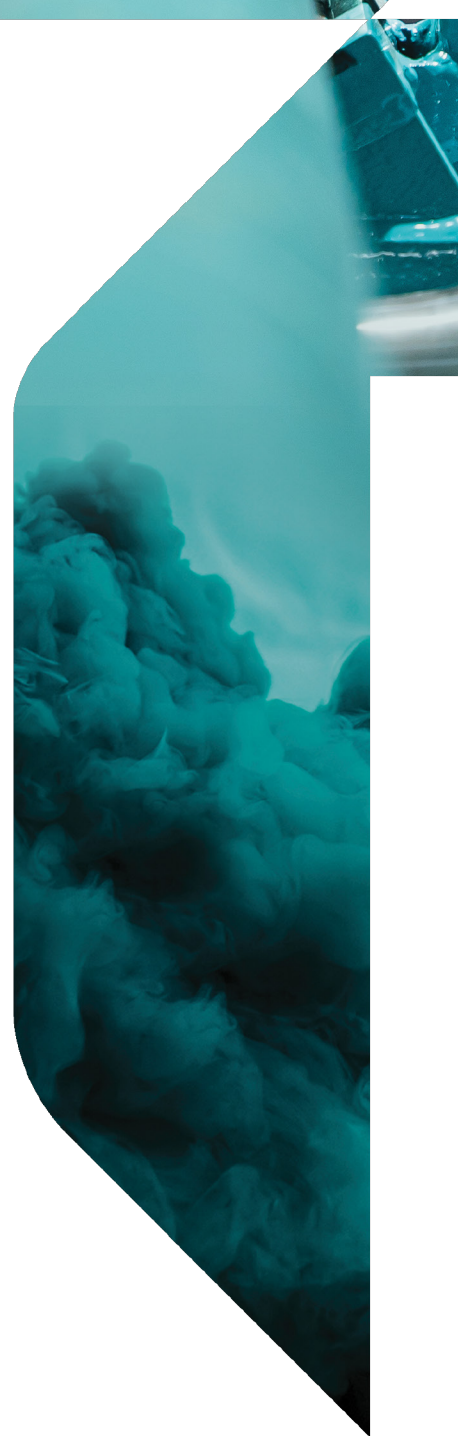
TAQA offers three drilling jar models compatible with any specific application. They are available from 3.50" to 10.00" OD, and depending on the model, will include TAQA's proprietary internal latch for increased safety.

INTERNAL LATCH MECHANISM

- Eliminates the need of external jar clamp
- Prevents misfiring while tripping in and out
- Lock loads can be tailored to specific applications

JAR OPTIMIZATION SOFTWARE

- Provides optimum placement in the BHA
- Impact and impulse
- Ability to include jar boosters





DJ6

HYDRAULIC
MECHANICAL

Upward ↑ Hydraulic
Downward ↓ Mechanical

Internal Latch Mechanism ✓

*Option to convert to DJ6M, fully mechanical, so it fires mechanically up and down.

DJ10

DOUBLE ACTING
HYDRA-MECHANICAL

Upward ↑ Hydraulic
Downward ↓ Hydraulic

Internal Latch Mechanism ✓

*The 5" model is also available with a larger ID (DJ10A).

DJ12

DOUBLE ACTING
HYDRAULIC

Upward ↑ Hydraulic
Downward ↓ Hydraulic

Internal Latch Mechanism ✗

*Comes with external clamp since it does not have an internal latch



SPECIFICATIONS

MAX TEMPERATURE

Standard Seals: 250°F / 121°C
High Temp Seals: 405°F / 207°C
Geo Seals: 405°F / 207°C + Steam

Model	OD (in)	ID (in)	Length (ft)	Weight (lbs)	Total Stroke (in)	Pump Open Area (in ²)	Latch Setting Up (lbs)	Max Pull after Firing (lbs)	Max Torque (ft-lbs)
DJ6-350	3.500	1.150	18.00	450	11.0	4.90	0 - 36,000*	119,000	5,000
DJ6-418	4.125	2.000	18.00	550	12.0	7.80	0 - 45,000*	190,000	14,000
DJ6-500	4.875	2.250	17.00	700	12.0	11.00	0 - 40,000*	380,000	17,000
DJ6-650	6.550	2.500	17.50	1,400	11.0	16.80	0 - 110,000*	685,000	40,000
DJ6-675	6.880	2.625	17.50	1,500	12.0	18.70	0 - 110,000*	625,000	40,000
DJ6-800	8.150	2.813	19.00	2,300	15.0	28.20	0 - 110,000*	1,150,000	68,000
DJ6-900	9.150	2.813	19.50	3,100	15.0	33.20	0 - 120,000*	1,500,000	121,000
DJ6-950	9.550	2.813	19.50	3,200	15.0	33.20	0 - 120,000*	1,500,000	141,000
DJ6-1000	10.000	3.000	19.50	3,800	15.0	33.20	0 - 120,000*	1,500,000	170,000

GLOBAL RENTAL STATS SINCE JANUARY 2018

	5.0"	6.5"	8.0"
NUMBER OF JOBS	2136	3382	1214