



Baten™ drilling jars remain one of the toughest and most durable in the industry. The two way action of the jar gives the operator the ability to work the tool both, upwards and downwards. TAQA's hydraulic drilling jar fires both ways hydraulically and includes an external clamp for safe handling at the rig.

## HYDRAULIC

### IMPERIAL UNITS

OD (in)	ID (in)	Length (ft)	Weight (lbs)	Free Stroke Up (in)	Free Stroke Down (in)	Pump Open Area (in <sup>2</sup> )	Max Load Up During Hydraulic Delay (lbs)	Max Load Down During Hydraulic Delay (lbs)	Overpull to Yield (lbs)	Torsional Yield (lbf-ft)
5.000	2.250	20.60	800	6.0	5.0	11.0	84,000	50,000	380,000	17,000
6.500	2.500	18.50	1,600	5.0	6.0	16.8	156,000	100,000	685,000	40,000
6.750	2.750	20.00	1,500	6.0	6.0	18.7	136,000	150,000	712,000	45,000
8.000	2.813	19.50	2,350	6.0	9.0	33.2	291,000	180,000	1,150,000	68,000
8.250	2.813	19.50	2,400	6.0	9.0	28.2	291,000	180,000	1,150,000	68,000
9.500	2.813	20.00	3,300	6.0	9.0	33.2	361,000	200,000	1,500,000	141,000

\*Low pump open area option available for 8", 8.25", and 9.50"

### METRIC UNITS

OD (mm)	ID (mm)	Length (m)	Weight (kg)	Free Stroke Up (cm)	Free Stroke Down (cm)	Pump Open Area (in <sup>2</sup> )	Max Load Up During Hydraulic Delay (daN)	Max Load Up During Hydraulic Delay (daN)	Overpull to Yield (lbs)	Torsional Yield (lbf-ft)
127	57	6.28	363	15.2	12.7	71.0	37,365	22,241	169,032	23,049
165	64	5.64	726	15.2	15.2	108.4	69,392	44,482	304,703	54,233
171	70	6.10	680	15.2	15.2	120.6	60,496	66,723	316,713	61,012
203	71	5.94	1,066	15.2	22.9	214.2	129,443	80,068	511,545	92,196
210	71	5.94	1,089	15.2	22.9	181.9	129,443	80,068	511,545	92,196
241	71	6.10	1,497	15.2	22.9	214.2	160,581	88,964	667,233	191,171

\*Low pump open area option available for 203mm, 210mm and 241mm

### CONFIGURATION

Fire Up: **Hydraulic**

Fire Down: **Hydraulic**

Safety Mechanism: **External Clamp**

### MAX TEMPERATURE

Regula Seals: 250°F / 121°C  
Hot Hole Seals: 405°F / 207°C  
Geo Seals: 405°F / 207°C + Steam