

The DJ10 drilling jar remains 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. This particular jar operates hydraulically in both directions, downward and upward. TAQA's proprietary internal mechanical latch (Figure 1) assures that the jar will not accidentally fire while tripping or making connections.

SPECIFICATIONS

MAX TEMPERATURE

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

IMPERIAL

Model	OD (in)	ID (in)	Length (in)	Weight (lbs)	Total Stroke (in)	Pump Open Area (in ²)	Latch Setting Up (lbs)	Max Pull after Firing (lbs)	Max Torque (ft-lbs)
DJ10-418	4.125	2.000	18.00	600	12.0	7.80	0 - 45,000*	190,000	14,000
DJ10-500	4.875	2.250	17.00	800	12.0	11.00	0 - 40,000*	380,000	17,000
DJ10-650	6.550	2.500	17.50	1,600	11.0	16.80	0 - 110,000*	685,000	40,000
DJ10-675	6.880	2.750	20.00	1,500	12.0	18.70	0 - 110,000*	712,000	45,000
DJ10-700	7.030	2.750	20.00	1,500	12.0	18.70	0 - 110,000*	712,000	45,000
DJ10-800	8.150	2.813	19.00	2,350	15.0	28.20	0 - 110,000*	1,150,000	68,000
DJ10-825	8.250	2.813	19.50	2,400	15.0	28.20	0 - 110,000*	1,150,000	68,000
DJ10-950	9.550	2.813	19.50	3,300	15.0	33.20	0 - 120,000*	1,500,000	141,000
DJ10-1000	10.000	3.000	19.50	4,000	15.0	33.20	0 - 120,000*	1,500,000	170,000

METRIC

Model	OD (mm)	ID (mm)	Length (m)	Weight (kg)	Pump Open Area (cm ²)	Maximum Pull for Firing (daN)	Stroke Length (daN)	Max Pull after Firing (daN)	Max Torque (N-m)
DJ10-418	105	51	5.80	272	30.4	50.30	0 - 20,000*	84,500	18,900
DJ10-500	124	57	5.80	363	30.4	71.00	0 - 17,700*	169,000	23,000
DJ10-650	166	64	5.60	726	27.6	108.40	0 - 48,900*	304,700	54,200
DJ10-800	175	70	6.10	680	30.4	120.70	0 - 48,900*	316,700	61,000
DJ10-825	179	70	6.10	680	30.4	120.70	0 - 48,900*	316,700	61,000
DJ10-950	207	71	5.90	1,066	38.1	181.90	0 - 48,900*	511,500	92,200
DJ10-1000	210	71	5.90	1,088	38.1	181.90	0 - 48,900*	511,500	92,200
DJ10-950	243	71	6.10	1,497	38.1	214.20	0 - 53,300*	667,200	191,100
DJ10-1000	254	76	6.10	1,814	38.1	214.20	0 - 53,300*	667,200	230,500

*Down lock loads will typically be 60-70% of the up value

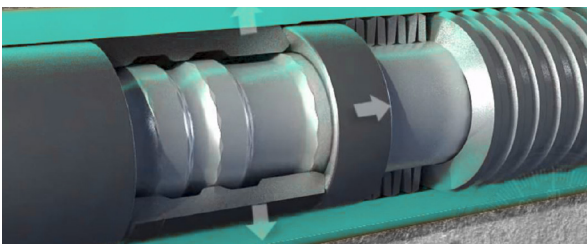


Figure 1. Proprietary internal latching mechanism to prevent mis-firing and eliminate the need for external safety clamps.

