



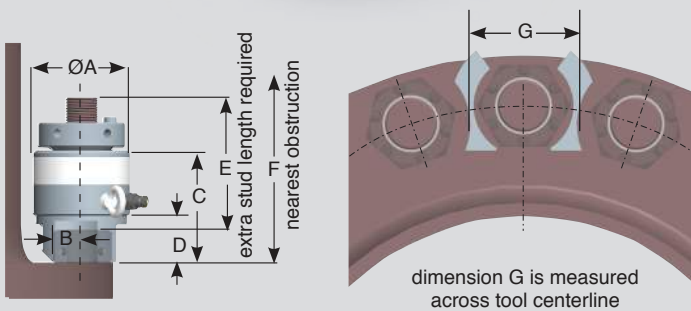
Aquajack® Tensioners

Safe, reliable and repeatable, the use of hydraulic tensioners offers many advantages over other less accurate tightening methods. Hydratight's Aquajack® subsea tensioners allow divers to perform the tensioning process with tools designed specifically for their unique requirements.

Easily positioned in poor visibility conditions, Aquajack® tensioners feature a compact design and long piston stroke. The unique Split Nut® design of these tools allows rapid application to long bolts and damaged threads, and rapid tool removal.

- Maximum tool operating pressure 1500 bar (21 750 psi)
- 30 mm (1.18") maximum piston stroke for tools AJ2 to AJ8; 20 mm (0.79") maximum for tools AJ0 and AJ1; all tools incorporate visible piston stroke indicators
- Innovative tool design ensures maximum tool strokes can be used without over stroking the piston or oil spillage
- Misalignment compensation
- Quick, simple hose connection

Guaranteed to save time and increase efficiency, Aquajack® tensioners improve diver safety, productivity and reduce diver fatigue.



Tool Ref	Bolt Dia.		Tool Hyd Area		Max Load		Tool Weight	Unit of Measure	A	B	C	D	E	F	G
	in	mm	in ²	mm ²	lbs	kN									
AJ0	3/4"	M16	0.75	483	lbs	16,269	3.3 lb	Std - in	2.05	0.79	3.7	1.28	3.94	8.74	1.85
			mm ²		kN	72.4	1.5 kg	Metric - mm	52	20	94	32.5	100	222	47
AJ1	3/4"	M20	1.55	1,000	lbs	33,713	3.3 lb	Std - in	2.6	0.75	3.58	1.38	3.78	8.54	2.07
			mm ²		kN	150	1.5 kg	Metric - mm	66	19	91	35	96	217	52.5
AJ2	1"	M24	2.56	1,652	lbs	55,680	6.6 lb	Std - in	3.23	0.98	4.72	1.97	4.92	11.38	2.54
	1-1/8"	M27	mm ²		kN	247.7	3.0 kg	Metric - mm	82	25	120	50	125	289	64.4
	—	M30													
AJ3	1-1/4"	M33	3.9	2,516	lbs	84,825	9.2 lb	Std - in	3.86	1.10	5.16	2.28	5.12	12.09	3.19
			mm ²		kN	377.3	4.5 kg	Metric - mm	98	28	131	58	130	307	81
AJ4	1-1/2"	M39	5.69	3,671	lbs	123,758	13.2 lb	Std - in	4.49	1.30	5.35	2.48	5.31	12.56	3.58
			mm ²		kN	550.5	6.0 kg	Metric - mm	114	33	136	63	135	319	91
AJ5	1-3/4"	M45	9.13	5,890	lbs	198,578	19.8 lb	Std - in	5.47	1.57	5.75	2.76	5.51	13.46	4.49
			mm ²		kN	883.3	9.0 kg	Metric - mm	139	40	146	70	140	342	114
	2"	M52													
AJ6	2-1/4"	M56	12.86	8,297	lbs	279,705	28.7 lb	Std - in	6.46	1.93	6.34	3.23	5.91	14.45	5.43
			mm ²		kN	1,244.2	13.0 kg	Metric - mm	164	49	161	82	150	367	138
	2-1/2"	M64													
AJ7	2-3/4"	M68	19.14	12,348	lbs	416,295	49.1 lb	Std - in	7.56	2.95	7.01	3.74	6.50	15.75	6.18
			mm ²		kN	1,851.8	19.0 kg	Metric - mm	192	75	178	95	165	400	157
	3"	M76													
AJ8	3-1/4"	M80	23.94	15,445	lbs	520,695	54.0 lb	Std - in	8.5	3.35	7.60	4.29	6.50	16.22	7.40
			mm ²		kN	2,316.2	24.5 kg	Metric - mm	216	85	193	109	165	412	188
	3-1/2"	M90													

Further details can be obtained from your local Hydratight representative or via the website hydratight.com.