HSW Series Square Drive Hydraulic Torque Wrenches

Square drive hydraulic torque wrenches rated for 700 Bar (10,000 PSI), engineered with a titanium-aluminum alloy unibody and 360° × 180° swivel coupler delivering 183 to 72,000 N·m (±3% accuracy) across 3/4" to 2-1/2" drives.



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TORQUE OUTPUT RANGE
183 to 72,000 N·m (135 to 53,280 Ft-lbs)

SQUARE DRIVE SPECIFICATIONS
3/4", 1", 1-1/2", 2-1/2" Quick-Release Reversible Drive

OPERATING PRESSURE
700 Bar (10,000 PSI) Rating

TORQUE PRECISION
Within ±3% (3D CAD Engineered)

BODY METALLURGY
Aerospace Titanium-Aluminium Alloy Monolithic Unibody

REACTION ARM & SWIVEL
360° Fine-Tune Reaction Arm & 360° × 180° Swiveling Inlet Port

Model Number	Square Drive [in]	Torque Range [N·m]	Bolt Size [Metric]	Weight [kg]	Dimensions (mm)							
					L1 [mm]	L2 [mm]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	R1 [mm]	R2 [mm]
HSW-1	3/4"	183 - 1,837	M16 - M36	2.0	130	182	50	72	99	144	26	99
HSW-3	1"	451 - 4,512	M22 - M48	4.0	166	241	68	95	130	176	34	134
HSW-5	1-1/2"	752 - 7,528	M27 - M56	7.0	198	281	80	123	155	198	39	152
HSW-8	1-1/2"	1,078 - 10,780	M30 - M64	9.1	213	308	90	130	171	216	47	171
HSW-10	1-1/2"	1,551 - 15,516	M36 - M72	13.1	231	336	100	141	187	230	51	174
HSW-20	2-1/2"	2,666 - 26,664	M42 - M90	25.0	295	443	120	182	228	268	59	186
HSW-25	2-1/2"	3,472 - 34,725	M48 - M100	31.0	314	464	137	200	255	295	67	199
HSW-35	2-1/2"	4,866 - 48,666	M64 - M120	45.0	355	489	153	217	290	330	79	241
HSW-50	2-1/2"	7,200 - 72,000	M72 - M125	87.0	400	516	160	223	291	341	81	259