

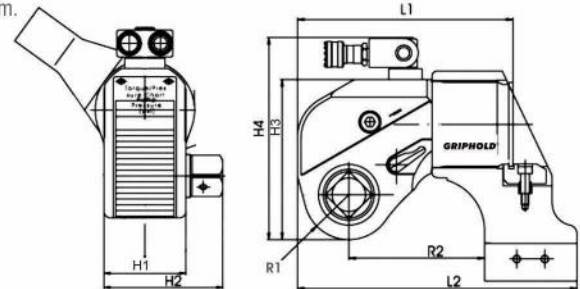
## HYDRAULIC TORQUE WRENCHES

### TSD - Series



Square Drive  
Hydraulic Torque Wrench

- ◆ Double Acting Cylinder.
- ◆ 360° x 180° Swivel hose connection to reduce hose whip lashing & easy usage at restricted areas.
- ◆ Special high strength, ultra-light aircraft material for strength & light weight.
- ◆ 360° adjustable reaction arm with trigger style lock for easy adjustment.
- ◆ Compact unibody design with one way ratchet mechanism.
- ◆ Minimum moving parts for durability & low maintenance.
- ◆ External ratchet freeing mechanism.
- ◆ Working pressure of 700 bars.
- ◆ Accuracy  $\pm 3\%$ .



Part No.	TSD-2	TSD-4	TSD-7	TSD-11	TSD-16	TSD-27	TSD-35	TSD-49
Torque Range Nm	183 - 1840	450 - 4510	750 - 7530	1080 - 10780	1550 - 15520	2660 - 26670	3470 - 34725	4860 - 48670
Sq. Drive	3/4"	1"	1.1/2"	1½"	1½"	2½"	2½"	2½"
L1 mm	145	178	210	222	245	307	323	372
L2 mm	174	229	270	293	317	383	401	465
H1 mm	50	68	80	90	100	120	137	153
H2 mm	72	95	123	134	142	183	200	216
H3 mm	96	127	149	167	182	220	247	282
H4 mm	131	176	199	217	232	270	297	332
R1 mm	26	34	39	47	51	59	66	77
R2 mm	85	114	137	153	154	186	199	241
Weight (kg)	2.5	5	8	11	15	26.5	35	50