

# Heavy Duty Impact Wrenches

Powerful, compact tools for demanding applications



**Atlas Copco**

## LTS models

- Recommended operating range 22-650 Nm.
- Fast tightening and disassembly.
- Negligible reaction force.
- Low weight.
- High power-to-weight ratio.
- Tightening time should not exceed 5 seconds, to avoid excess wear on the tool.
- Automatic shut-off shortens tightening time.
- Consistent torque accuracy.
- No over-torquing.
- Adjustable torque setting.
- LTS17 and LTS 27 are lubrication free.
- LTS17 and LTS27 – Torsion bar principle.
- LTS27 HR43 – Quick change chuck for separate torsion bars.
- LTS37 and LTS57 – Added bounce energy principle.



Model	Bolt size mm	Square drive in	Torque range		Impacts per min	Free speed r/min	Weight		Length excl anvil mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb			kg	lb			l/s	cfm			
LTS17 HR10	8-10	3/8	22 <sup>b</sup> - 45	16- 33	960	10000	2.0	4.4	214	24	6	13	8	3/8	8434 1172 19
LTS17 HR13	8-10	1/2	34 <sup>b</sup> - 66	25- 49	1100	10000	2.0	4.4	214	24	6	13	8	3/8	8434 1172 01
LTS27 HR13-1	10-12	1/2	50 <sup>b</sup> - 110	37- 82	960	9300	2.6	5.7	226	29	6	13	10	3/8	8434 1272 00
LTS27 HR13-2	12-14	1/2	70 <sup>b</sup> - 140	52- 104	1100	9300	2.6	5.7	226	29	8	17	10	3/8	8434 1272 18
LTS27 HR43	10-14	7/16 <sup>a</sup>	40 <sup>b</sup> - 165	29- 123	1200	11500	2.5	5.5	164	29	8	17	10	3/8	8434 1272 59
LTS37 HR13	12-14	1/2	80 <sup>c</sup> - 340	59- 250	1140	8800	3.7	8.1	200	33	10	21	10	3/8	8434 1372 41
LTS37 HR16	12-16	5/8	120 <sup>c</sup> - 340	88- 250	1140	8800	3.7	8.1	220	33	10	21	10	3/8	8434 1372 09
LTS57 HR20	18-20	3/4	200 <sup>c</sup> - 500	147- 369	960	4600	5.3	12.0	225	38	13	27	10	3/8	8434 1571 08
LTS57 HR25	18-22	1	200 <sup>c</sup> - 650	147- 479	960	4600	5.3	12.0	225	38	13	27	10	3/8	8434 1571 40

<sup>a</sup> Female hex. quick change chuck – 1/2" square drive on torsion bar.

<sup>b</sup> Min torque at 3 bar air pressure and min setting of torque control mechanism.

<sup>c</sup> Min torque at 4 bar air pressure and min setting of torque control mechanism.

## LMS models

- Recommended operating range 7-1800 Nm.
- Fast tightening and disassembly.
- Negligible reaction force.
- Low weight.
- High power-to-weight ratio.
- Tightening time should not exceed 5 seconds, to avoid excess wear on the tool.
- Soft-start throttle.
- LMS06 – LMS27 are lubrication-free.



Model	Bolt size mm	Square drive in	Torque range		Max torque		Impacts per min	Free speed r/min	Weight		Length excl anvil mm	CS distance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb	Nm	ft lb			kg	lb			l/s	cfm			
LMS06 HR10	6-8	3/8	7- 30	5- 22	55	40	2100	13500	0.9	2.0	184	20	4	8	6.3	1/4	8434 1060 04
LMS06 HR10-HD	6-8	3/8	7- 30	5- 22	55	40	2100	10000	0.9	2.0	184	20	4	8	6.3	1/4	8434 1060 08
LMS06 HR42	6-8	1/4 <sup>a</sup>	7- 30	5- 22	55	40	2100	13500	0.9	2.0	184	20	4	8	6.3	1/4	8434 1060 20
LMS06 HR42-HD	6-8	1/4 <sup>a</sup>	7- 30	5- 22	55	40	2100	10000	0.9	2.0	184	20	4	8	6.3	1/4	8434 1060 16
LMS17 HR10	10	3/8	10- 70	7- 52	110	81	1260	10000	1.7	3.8	141	24	10	21	10.0	3/8	8434 1170 60
LMS17 HR13	10	1/2	10- 70	7- 52	110	81	1260	10000	1.7	3.8	141	24	10	21	10.0	3/8	8434 1170 29
LMS27 HR13	12	1/2	30- 180	22- 133	220	162	1200	8700	2.1	4.6	142	29	10	21	10.0	3/8	8434 1270 02
LMS27 HR43	12	7/16 <sup>a</sup>	30- 180	22- 133	220	162	1200	8700	2.1	4.6	142	29	10	21	10.0	3/8	8434 1270 77
LMS37 HR13	14-16	1/2	40- 340	30- 251	480	354	1200	7800	2.7	6.0	165	33	13	27	10.0	3/8	8434 1360 41
LMS37 HR16	14-16	5/8	40- 340	30- 251	480	354	1200	7800	2.7	6.0	165	33	13	27	10.0	3/8	8434 1370 01
LMS47 HR20	16-19	3/4	70- 460	52- 339	550	405	900	4800	3.5	7.7	170	37	14	30	12.5	3/8	8434 1470 42
LMS57 HR20	18-20	3/4	100- 500	74- 369	900	664	960	4500	4.3	9.5	189	38	16	34	12.5	3/8	8434 1570 09
LMS57 HR25	18-22	1	100- 650	74- 479	900	664	960	4500	4.3	9.5	189	38	16	34	12.5	3/8	8434 1570 41
LMS61 HR20	20-24	3/4	300-1300	220- 960	1800	1327	900	4000	5.1	11.2	212	44	12	25	12.5	3/8	8434 1611 00
LMS61 HR25	20-24	1	300-1300	220- 960	1800	1327	900	4000	5.1	11.2	212	44	12	25	12.5	3/8	8434 1610 00
LMS61 HRS4	20-24	1 1/4 <sup>b</sup>	300-1300	220- 960	1800	1327	900	4000	5.1	11.2	212	44	12	25	12.5	3/8	8434 1612 00
LMS67 HR25	24-32	1	600-1800	440-1320	2800	2065	600	3000	9.6	21.2	252	55	27	58	16	1/2	8434 1650 06
LMS67 HR S5	24-32	1 5/8 <sup>a</sup>	600-1800	440-1320	2800	2065	600	3000	9.6	21.2	252	55	27	58	16	1/2	8434 1650 10

<sup>a</sup> Female hex. quick change chuck.

<sup>b</sup> Spline drive No. 4.

### LMS models

- Recommended operating range 7-5000 Nm.
- Fast tightening and disassembly.
- Negligible reaction force.
- Low weight.
- High power-to-weight ratio.
- Soft-start throttle.
- Tightening time should not exceed 5 seconds, to avoid excess wear on the tool.



Model	Bolt size mm	Square drive in	Torque range		Max torque		Impacts per min	Free speed r/min	Weight		Length excl anvil mm	CS dist-ance mm	Air consumption under load		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb	Nm	ft lb			kg	lb			l/s	cfm			
LMS06 SR10	6-8	3/8	7-30	5-22	55	40	2100	12500	0.9	2.0	182	20	4	8	6.3	1/4	8434 1060 12
LMS67 GIR25	24-32	1	600-1800	440-1320	2800	2065	600	3000	9.4	20.7	339	55	27	58	16	1/2	8434 1650 02
LMS67 GIR S5	24-32	1 5/8 <sup>a</sup>	600-1800	440-1320	2800	2065	600	3000	9.8	21.6	339	55	27	58	16	1/2	8434 1650 14
LMS86 GOR38/B	32-45	1 1/2	1000-5000	737-3688	10000	7375	450	3720	16.4	36.0	376	63	29	61	16.0	1/2	8434 1860 12
LMS86 GIR38/B	32-45	1 1/2	1000-5000	737-3688	10000	7375	450	3720	16.4	36.0	376	63	29	61	16.0	1/2	8434 1860 20
LMS86 GORS5/B	32-45	1 5/8 <sup>a</sup>	1000-5000	737-3688	10000	7375	450	3720	16.4	36.0	376	63	29	61	16.0	1/2	8434 1860 18
LMS86 GIRS5/B	32-45	1 5/8 <sup>a</sup>	1000-5000	737-3688	10000	7375	450	3720	16.4	36.0	376	63	29	61	16.0	1/2	8434 1860 26

<sup>a</sup> Spline drive No. 5.  
 GOR = Outside trigger.  
 GR/GIR = Inside trigger.