

LTD28, 38 and 48 straight nutrunners are based on the power package and clutch from the LTV angle nutrunners.

LTD nutrunners are based on the unique LTP range of twin motor pistol grip nutrunners. With fast run-down and accurate final tightening they offer high productivity and unmatched torque accuracy as well as joint independence.

- Remote control back head – A remote valve is connected to the back head of the LTD-RR tools allowing a better multiple.
- Accessibility – Slim design allows the building of smooth, simple multiples or paired spindle designs. The absence of a clutch makes these tools shorter.
- Flexibility – The range of LTD tools provides you with the options you need to meet your requirements.
- Reversibility – Reversible LTD tools are available.



LTD28



LTD61

Model	Bolt size mm	Square drive in	Torque range soft joint		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption at free speed		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
<b>Non reversible, lever start</b>														
LTD28 N18-RE	M6	3/8	8-18	6-13	780	1.2	2.6	358	20	9	19	10	1/4	8431 0534 08
LTD28 N22-RE	M6	3/8	10-22	7-16	140	1.2	2.6	358	20	9	19	10	1/4	8431 0534 18
<b>Reversible, lever start</b>														
LTD28 R8-RE	M5-6	3/8	3-8	2-6	1100	1.2	2.6	363	20	8	17	10	1/4	8431 0534 61
LTD28 R16-RE	M6	3/8	7-16	6-12	610	1.3	2.9	383	20	8	17	10	1/4	8431 0534 65
LTD28 R20-RE	M6-8	3/8	10-20	7-15	520	1.3	2.9	383	20	8	17	10	1/4	8431 0534 51
LTD28 R22-RE	M6-8	3/8	10-22	7-16	125	1.3	2.9	383	20	8	17	10	1/4	8431 0534 54
<b>Reversible, remote control back head</b>														
LTD13 R05-RR	M3-5	1/4 <sup>b</sup>	1.5-5	1.1-3.7	850	0.7	1.6	197	16	7	15	8	1/8	8431 0533 05
LTD13 R08-RR	M3-5	1/4 <sup>b</sup>	1.5-8	1.1-6	500	0.8	1.7	197	16	7	15	8	1/8	8431 0533 06
LTD28 R16-RR	M6	3/8	7-16	6-12	610	1.3	2.9	313	20	8	17	10/13	<sup>a</sup>	8431 0703 82
LTD28 R20-RR	M6-8	3/8	10-20	7-15	520	1.3	2.9	313	20	8	17	10/13	<sup>a</sup>	8431 0703 83
<b>Non reversible, lever start, telescopic front part, travel 25 mm</b>														
LTD28 N18F-RE	M6	3/8	8-18	6-13	780	1.6	3.5	466	20	9	19	10	1/4	8431 0534 27
LTD28 N21F-RE	M6	3/8	10-21	7-15	570	1.6	3.5	466	20	9	19	10	1/4	8431 0534 39
<b>Reversible, lever start, telescopic front part, travel 25 mm</b>														
LTD28 R16F-RE	M6	3/8	7-16	6-12	620	1.7	3.7	491	20	8	17	10	1/4	8431 0534 85
LTD28 R20F-RE	M6-8	3/8	10-20	7-15	570	1.7	3.7	491	20	8	17	10	1/4	8431 0534 37
LTD28 R22F-RE	M6-8	3/8	10-22	7-16	125	1.7	3.7	491	20	8	17	10	1/4	8431 0534 89
<b>Reversible, remote control back head, telescopic front part, travel 25 mm</b>														
LTD28 R8F-RR	M5-6	3/8	3-8	2-6	1100	1.6	3.5	401	20	8	17	10/13	<sup>a</sup>	8431 0703 84
LTD28 R16F-RR	M6	3/8	7-16	6-12	620	1.7	3.7	421	20	8	17	10/13	<sup>a</sup>	8431 0703 86
LTD28 R20F-RR	M6-8	3/8	10-20	7-15	570	1.7	3.7	421	20	8	17	10/13	<sup>a</sup>	8431 0703 88
<b>Non-reversible, lever start</b>														
LTD38 N30-RE	M8	1/2	14-30	10-21	820	2.2	4.8	414	20	16	34	10	1/4	8431 0535 04
LTD38 N55-RE	M10	1/2	27-55	20-40	470	2.2	4.8	487	20	20	42	10	1/4	8431 0535 20
<b>Reversible, lever start</b>														
LTD38 R27-RE	M8	1/2	13-27	10-20	670	2.1	4.6	441	20	16	34	10	1/4	8431 0534 53
LTD38 R32-RE	M8	1/2	18-32	13-24	560	2.1	4.6	441	20	16	34	10	1/4	8431 0534 52
LTD38 R38-RE	M8-10	1/2	19-38	14-28	480	2.1	4.6	441	20	16	34	10	1/4	8431 0535 78
LTD38 R47-RE	M8-10	1/2	22-47	16-35	380	2.3	5.1	513	20	20	42	10	1/4	8431 0535 83
<b>Reversible, remote control back head</b>														
LTD38 R27-RR	M8	1/2	13-27	10-20	670	2.1	4.6	377	21	16	34	10/16	<sup>a</sup>	8431 0704 22
LTD38 R32-RR	M8	1/2	18-32	13-24	560	2.1	4.6	377	21	16	34	10/16	<sup>a</sup>	8431 0704 24
LTD38 R38-RR	M8-10	1/2	19-38	14-28	480	2.1	4.6	377	21	16	34	10/16	<sup>a</sup>	8431 0704 26
LTD38 R47-RR	M8-10	1/2	22-47	16-35	380	2.3	5.1	448	21	16	34	10/16	<sup>a</sup>	8431 0704 28

<sup>a</sup> Air inlet thread = 2 x 1/4" + 1 x 3/8".

<sup>c</sup> Air inlet thread = 2 x 1/2" + 1 x 3/4".

<sup>b</sup> 1/4" quick change chuck.

Continued...

Model	Bolt size mm	Square drive in	Torque range soft joint		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption at free speed		Rec. hose size mm	Air inlet thread in	Ordering No.
			Nm	ft lb		kg	lb			l/s	cfm			
<b>Non-reversible, lever start, telescopic front part, travel 25 mm</b>														
LTD38 N30F-RE	M8	1/2	14-30	10-21	820	2.3	5.0	521	20	20	42	10	1/4	8431 0535 38
LTD38 N44F-RE	M8-10	1/2	18-44	13-32	580	2.3	5.0	521	20	20	42	10	1/4	8431 0535 31
<b>Reversible, lever start, telescopic front part, travel 25 mm</b>														
LTD38 R27F-RE	M8	1/2	13-27	10-20	670	2.5	5.5	546	20	16	34	10	1/4	8431 0535 65
LTD38 R32F-RE	M8	1/2	18-32	13-24	560	2.5	5.5	546	20	16	34	10	1/4	8431 0535 91
LTD38 R47F-RE	M8-10	1/2	22-47	16-35	380	2.7	5.9	625	23	16	34	10	1/4	8431 0535 99
<b>Reversible, remote control back head, telescopic front part, travel 25 mm</b>														
LTD38 R27F-RR	M8	1/2	13-27	10-20	670	2.5	5.5	482	21	16	34	10/16	<sup>a</sup>	8431 0704 30
LTD38 R32F-RR	M8	1/2	18-32	13-24	560	2.5	5.5	482	21	16	34	10/16	<sup>a</sup>	8431 0704 32
LTD38 R38F-RR	M8-10	1/2	19-38	14-28	480	2.5	5.5	482	21	16	34	10/16	<sup>a</sup>	8431 0704 34
LTD38 R47F-RR	M8-10	1/2	22-47	16-35	380	2.7	5.9	566	23	16	34	10/16	<sup>a</sup>	8431 0704 36
<b>Reversible, lever start</b>														
LTD48 R65-RE	M10	1/2	27-65	20-48	400	3.1	6.8	582	30	28	59	12.5	1/2	8431 0637 07
LTD48 R81-RE	M12	1/2	32-81	24-60	320	3.1	6.8	582	30	28	59	12.5	1/2	8431 0637 12
<b>Reversible, remote control back head</b>														
LTD48 R65-RR	M10	1/2	27-65	20-48	400	3.5	7.7	410	28	30	63	12.5/16	<sup>c</sup>	8431 0704 46
LTD48 R81-RR	M12	1/2	32-81	24-60	330	3.5	7.7	410	28	30	63	12.5/16	<sup>c</sup>	8431 0704 48
<b>Reversible, lever start, telescopic front part, travel 25 mm</b>														
LTD48 R65F-RE	M10	1/2	27-65	20-48	400	3.5	7.7	700	30	28	59	12.5	1/2	8431 0637 17
LTD48 R81F-RE	M12	1/2	32-81	24-60	320	3.5	7.7	700	30	28	59	12.5	1/2	8431 0637 23
<b>Reversible, remote control back head</b>														
LTD48 R65F-RR	M10	1/2	27-65	20-48	400	3.7	8.2	522	28	30	63	12.5/16	<sup>c</sup>	8431 0704 50
LTD48 R81F-RR	M12	1/2	32-81	24-60	330	3.7	8.2	522	28	30	63	12.5/16	<sup>c</sup>	8431 0704 52

<sup>a</sup> Air inlet thread = 2 x 1/4" + 1 x 3/8".

<sup>c</sup> Air inlet thread = 2 x 1/2" + 1 x 3/4".

<sup>b</sup> 1/4" quick change chuck.

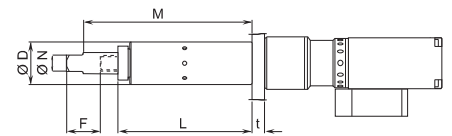
Model	Bolt size mm	Square drive in	Torque range at 6.3 bar		Min torque at 3 bar		Free speed r/min	Weight		Length mm	CS distance mm	Air consumption at free speed		Air inlet thread in	Spline type	Ordering No.
			Nm	ft lb	Nm	ft lb		kg	lb			l/s	cfm			
<b>Torque control models with fixed square drive</b>																
LTD61 H100-13-RE	M12	1/2	55-100	40-75	45	35	1800	3.0	6.6	223	29	20	42	3/8	3	8431 0808 06
LTD61 H170-13-RE	M14	1/2	95-170	70-125	70	50	1100	3.0	6.6	223	29	20	42	3/8	3	8431 0808 15
LTD61 H230-19-RE	M16	3/4	125-230	90-170	85	60	820	3.0	6.6	223	29	20	42	3/8	3	8431 0808 23
LTD61 H350-20-RE	M18	3/4	190-350	140-255	145	105	520	3.9	8.6	260	31	20	42	3/8	4	8431 0808 27
LTD61 H500-20-RE	M20	3/4	275-500	200-370	220	160	360	3.9	8.6	260	31	20	42	3/8	4	8431 0808 36
LTD61 H700-25-RE	M22	1	360-650	265-480	280	207	280	4.5	9.9	305	34	20	42	3/8	5	8431 0808 43
LTD61 H900-25-RE	M24	1	480-870	350-640	300	220	210	4.5	9.9	282	32	20	42	3/8	5	8431 0808 45

**NOTE:** Change over torque is around 4% of maximum torque on a given pressure.

## Dimensions

### TELESCOPIC FRONT PART LTD61

Model	Dimensions						Ordering No.
	N in	D mm	F mm	L mm	M mm	t mm	
LTD61 H100, H170	1/2	34	25	101	127	12	4210 3864 80
LTD61 H230	3/4	41	25	117	148	12	4210 3789 80
LTD61 H350, H500	3/4	50	40	160	201	15	4210 3781 81
LTD61 H700, H900	1	67	50	226	278	15	4210 3788 80



## Accessories Included

### FOR ALL MODELS

Torque adjustment key

## Productivity Kits

Model	Max air flow	Hose, 5 m	Coupling	Lubrication	Ordering No.
<b>For small nutrunners with 3/8" BSP air inlet</b>					
MIDI Optimizer F/RD EQ08-C10	16 l/s	Cablair 10 mm	ErgoQIC 08	Yes	8202 0850 07
<b>For small nutrunners with 1/4" BSP air inlet</b>					
MIDI Optimizer F/RD EQ08-C10	16 l/s	Cablair 10 mm	ErgoQIC 08	Yes	8202 0850 03
MIDI Optimizer F/RD EQ10-R10	16 l/s	Rubair 10 mm	ErgoQIC 10	Yes	8202 0850 16
<b>For nutrunners with 3/8" BSP air inlet</b>					
MIDI Optimizer F/RD EQ10-C13	23 l/s	Cablair 13 mm	ErgoQIC 10	Yes	8202 0850 02
<b>For nutrunners with 1/4" BSP air inlet</b>					
MIDI Optimizer F/RD EQ10-C13-1/4	23 l/s	Cablair 13 mm	ErgoQIC 10	Yes	8202 0850 11
<b>For nutrunners with 3/8" BSP air inlet</b>					
MIDI Optimizer F/RD EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 17
<b>For nutrunners with 1/2" BSP air inlet</b>					
MIDI Optimizer F/R EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	No	8202 0850 04
MIDI Optimizer F/RD EQ10-T13	35 l/s	Turbo 13 mm	ErgoQIC 10	Yes	8202 0850 13




## Service Kits

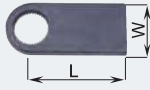
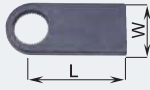
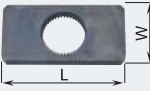

Model	General service kit
LTD61	4081 0397 90

## Optional Accessories

### REACTION BAR

	Dimensions mm	<div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <span>LTD28</span> <span>LTD38</span> <span>LTD38 N55/R47 LTD48 LMD/LTD61 -13, -19</span> <span>LMD/LTD61 -20</span> <span>LMD/LTD61 -25</span> </div>				
		L	LTD28	LTD38	LMD/LTD61 -20	LMD/LTD61 -25
Bar blank (steel)	250 200 500	4210 1798 00	4210 2134 00	4210 2219 82	4210 2183 80 4210 2726 80	
Bar blank (aluminum)	400			4210 2219 81		

### MOUNTING PLATE

		Dimensions mm	<div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <span>LTD28</span> <span>LTD38</span> <span>LTD38 N55/R47 LTD48 LMD/LTD61 -13,-19</span> <span>LMD/LTD61 -20</span> <span>LMD/LTD61 -25</span> </div>			
			L x W	LTD28	LTD38	LMD/LTD61 -20
Side mount		90 x 40 120 x 70	4210 1798 01	4210 2134 01	4210 2809 80	4210 2808 80
Center mount		70 x 40 100 x 50 125 x 65	4210 1798 02	4210 2134 02	4210 2219 03	4210 2183 01 4210 2726 01
Flange mount		D 55			4210 2219 10	