

18V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL B-FL750E

general features

Next generation of 18.0 V cordless hydraulic tool specifically designed for hole punching stainless Steel, mild Steel, fibreglass and plastic sheet materials up to 0.14 in. thickness.

New Li-Ion 18 V 4 Ah batteries offer a higher capacity than 14.4 V 3 Ah, while greater punch speed and punching force result from a revitalised hydraulic system with double speed action. The battery is equipped with LED indicators that indicate the remaining battery life at any time by pressing the adjacent button. The balanced punching head pivots 180deg through a full 360deg rotation for ease of use in confined spaces. Fitted with a maximum hydraulic pressure valve.

Designed with improved balance, B-FL750A is easily manageable during the punching process and, by the use of bi-component plastics, has a shell with high resistance to wear and damage. Rubber grip inserts, low noise and minimal vibration aid operator comfort while additional convenience and safety are provided by LED lighting of the working area.

Operating temperature: +5 to +122°F

The tool is supplied as:

- > Basic tool with battery and shoulder strap
- > Spare battery
- > Battery charger
- > Puller TD-11
- > Puller TD-19
- > Spiral bit Ø 11,5 mm
- > USB cable
- > Plastic carrying case



PUNCHING ACCESSORIES AVAILABLE

Round punch											
Hole diameter					Material max thickness		Pilot hole Ø (in.)	Code			
Nominal		Pg	ISO	Inch	Stainless steel	Mild steel		KIT (Punch+die)	Punch	Die	Puller
Ø (mm)	Ø (inch)										
15,5	.610	Pg9	-	-			RD 15.5SS	P- RD15,5SS	M- RD15,5SS		
16,2	.638	-	ISO-16	-			RD 16.2SS	P- RD16,2SS	M- RD16,2SS		
17,5	.689	-	-	-			RD 17.5SS	P- RD17,5SS	M- RD17,5SS		

18,8	.740	Pg11	-	-			0.45	RD 18.8SS	P- RD18,8SS	M- RD18,8SS	TD- 11
19,1	.752	-	-	-				RD 19.1SS	P- RD19,1SS	M- RD19,1SS	
20,5	.807	Pg 13,5	ISO- 20	-				RD 20.5SS	P- RD20,5SS	M- RD20,5SS	
22,6	.890	Pg16	-	-				RD 22.6SS	P- RD22,6SS	M- RD22,6SS	
23,8	.937	-	-	5/8"				RD 23.8SS	P- RD23,8SS	M- RD23,8SS	
25,4	1.000	-	ISO- 25	-				RD 25.4SS	P- RD25,4SS	M- RD25,4SS	
27,0	1.063	-	-	3/4"				RD 27SS	P-RD27SS	M-RD27SS	
28,5	1.122	Pg21	-	-				RD 28.5SS	P- RD28,5SS	M- RD28,5SS	
30,5	1.201	-	-	7/8"				RD 30.5SS	P- RD30,5SS	M- RD30,5SS	
28,5	1.122	Pg 21	-	-				RD 28.5SS-19	P- RD28,5SS- 19	M- RD28,5SS- 19	
30,5	1.201	-	-	7/8"	RD 30.5SS-19	P- RD30,5SS- 19	M- RD30,5SS- 19				
31,8	1.252	-	-	-	RD 31.8SS	P- RD31,8SS	M- RD31,8SS	0.79			
32,5	1.279	-	ISO- 32	-	RD 32.5SS	P- RD32,5SS	M- RD32,5SS				
34,6	1.362	-	-	-	RD 34.6SS	P- RD34,6SS	M- RD34,6SS				
37,2	1.464	Pg29	-	-	RD 37.2SS	P- RD37,2SS	M- RD37,2SS				
38,1	1.500	-	-	-	RD 38.1SS	P- RD38,1SS	M- RD38,1SS				
40,5	1.594	-	ISO- 40	-	RD 40.5SS	P- RD40,5SS	M- RD40,5SS				
41,3	1.626	-	-	-	RD 41.3SS	P- RD41,3SS	M- RD41,3SS				
42,5	1.673	-	-	1"1/4"	RD 42.5SS	P- RD42,5SS	M- RD42,5SS				
43,2	1.701	-	-	-	RD 43.2SS	P- RD43,2SS	M- RD43,2SS				
44,5	1.752	-	-	-	RD 44.5SS	P- RD44,5SS	M- RD44,5SS				

47,2	1.858	Pg36	-	-				RD 47.2SS	P- RD47,2SS	M- RD47,2SS	
50,5	1.988	-	ISO-50	-				RD 50.5SS	P- RD50,5SS	M- RD50,5SS	
54,2	2.134	Pg42	-	1"3/4"				RD 54.2SS	P- RD54,2SS	M- RD54,2SS	
60,0	2.362	Pg48	-	2"				RD 60SS	P-RD60SS	M-RD60SS	
64,0	2.520	-	ISO-63	-				RD 64SS	P-RD64SS	M-RD64SS	
65,0	2.559	-	-	-				RD 65SS	P-RD65SS	M-RD65SS	
76,0	2.992	-	-	2"1/2"				RD 76SS	P-RD76SS	M-RD76SS	
80,5	3.169	-	-	-				RD 80.5SS	P- RD80,5SS	M- RD80,5SS	
90,0	3.543	-	-	-	0.08 in.	0.12 in.		RD 90SS	P-RD90SS	M-RD90SS	
100,0	3.937	-	-	-	0.08 in.	0.12 in.	1.14	RD 100SS	P- RD100SS	M- RD100SS	TD-28,5*
120,0	4.724	-	-	-	0.06 in.	0.08 in.		RD 120SS	P- RD120SS	M- RD120SS	

* Puller included in the kit

Square punch					
Hole size		Material max thickness (in.)		Pilot hole Ø (in.)	Code
Nominal		Stainless Steel	Mild Steel		KIT (Punch+die + Puller)
(mm)	(inch)				
21,0 x 21,0	.827 x .827	0.08	0.08	0.47	RD 21X21
46,0 x 46,0	1.811 x 1.811				RD 46X46
68,0 x 68,0	2.677 x 2.677	0.06	0.06	0.89	RD 68X68
92,0 x 92,0	3.622 x 3.622	0.04			RD 92X92
126,0 x 126,0	4.960 x 4.960	0.04	0.06	1.12	RD 126X126
138,0 x 138,0	5.433 x 5.433				RD 138X138

Rectangular punch					

Hole size		Material max thickness (in.)		Pilot hole Ø (in.)	Code	
Nominal		Stainless Steel	Mild Steel		KIT (Punch+die + Puller)	
(mm)	(inch)					
18,0 x 46,0	.709 x 1.811	0.08	0.08	0.65	RD 18X46	
22,0 x 46,0	.866 x 1.811				RD 22X46	
35,0 x 86,0	1.377 x 3.385				RD 35X86	
35,0 x 112,0	1.377 x 4.409				RD 35X112	
36,0 x 46,0	1.417 x 1.811			0.94	RD 36X46	
37,0 x 54,0	1.456 x 2.125	0.06		0.08	0.65	RD 37X54
37,0 x 67,0	1.456 x 2.637					RD 37X67
37,0 x 88,0	1.456 x 3.464				1.04	RD 37X88
37,0 x 104,0	1.456 x 4.094					RD 37X104
46,0 x 54,0	1.811 x 2.126				0.89	RD 46X54
46,0 x 72,0	1.811 x 2.835		RD 46X72			
46,0 x 107,0	1,811 x 4.212	RD 46X107				

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 500 N/mm²

USE OF NON-Cembre PUNCHING ACCESSORIES		
Code	Punch & Die	Pilot hole Ø in.
KIT TRD-9,4C (*)	KLAUKE, GREENLEE 3/8" - 24 UNF	Ø 0.38
KIT TRD-M11C (*)	IMB, BM, COSMEC (M11x1.5)	Ø 0.45
TD-M16C	IMB, BM, COSMEC (M16x1.5)	Ø 0.65 or KIT RD17.5SS

(*) The washer supplied with the KIT must be threaded onto the draw stud and positioned between the head and the die to allow the die to rest correctly.

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Technical characteristics

PROPERTIES	
Type of action	Hole punching
Maximum diameter pierceable	5.51 in.
Battery material	Li-Ion
Battery voltage	18 V
Battery current	4 Ah
Length	14.29 in.
Height	14.41 in.
Width	3.27 in.
Weight	11.22 lbs.



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Products used together

Nest		
Dies RD		
RD100SS	RD120SS	RD126X126
RD138X138	RD15.5SS	RD16.2SS
RD17.5SS	RD18.8SS	RD18X46
RD19.1SS	RD20.5SS	RD21X21
RD22.6SS	RD22X46	RD23.8SS
RD25.4SS	RD27SS	RD28.5SS
RD28.5SS-19	RD30.5SS	RD30.5SS-19
RD31.8SS	RD32.5SS	RD34.0SS
RD34.6SS	RD35X112	RD35X86
RD36X46	RD37.2SS	RD37X104
RD37X115	RD37X54	RD37X67
RD37X88	RD38.1SS	RD38.5SS
RD40.5SS	RD41.3SS	RD42.5SS
RD43.2SS	RD44.5SS	RD46X107
RD46X46	RD46X54	RD46X72
RD47.2SS	RD50.5SS	RD54.2SS
RD60SS	RD64SS	RD65SS
RD68X68	RD76SS	RD80.5SS
RD89SS	RD90SS	RD92X92

In the same kit

Accessories	
- Shoulder strap 6000354	
Nest	
Puller TD-11	Puller TD-19
Tools	
Li-Ion high power battery CB1820L	Li-Ion high power battery CB1840L