

18V CORDLESS HYDRAULIC PULLER-TYPE HOLE PUNCHING TOOL B-FL750

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 3,5 mm 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 to show 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-FL750 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: -15 to +50 ° C

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
- > Plastic carrying case

PUNCHING ACCESSORIES AVAILABLE

Round punch										
Hole diameter				Material max thickness		Pilot hole Ø (mm)	Code			
Nominal		Pg	ISO	GAS	Stainless Steel		Mild Steel	KIT (Punch+die)	Punch	Die
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	TD-11
17,0	.669	-	-	G3/8"				RD 17SS	P-RD17SS	M-RD17SS	
17,5	.689	-	-	-				RD 17.5SS	P- RD17.5SS	M- RD17.5SS	
18,8	.740	Pg11	-	-				RD 18.8SS	P- RD18.8SS	M- RD18.8SS	
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	
21,5	.846	-	-	G1/2"				RD 21.5SS	P- RD21.5SS	M- RD21.5SS	
22,6	.890	Pg16	-	-				RD 22.6SS	P- RD22.6SS	M- RD22.6SS	
23,8	.937	-	-	G5/8"				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	-	-	G3/4"				RD 27SS	P-RD27SS	M-RD27SS	
28,5	1.122	Pg21	-	-				RD 28.5SS	P- RD28.5SS	M- RD28.5SS	
30,5	1.201	-	-	G7/8"				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	-	-	G7/8"				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	
32,5	1.279	-	ISO-32	-				RD 32.5SS	P- RD32.5SS	M- RD32.5SS	
34,0	1338	-	-	G1"				RD 34SS	P-RD34SS	M-RD34SS	

3,5
mm
(0.14
in.)
Rm=

34,6	1.362	-	-	-	2,5 mm (0.1 in.) Rm= 700 N/mm ²	510 N/mm ²	20,0	RD 34.6SS	P- RD34.6SS	M- RD34.6SS	TD- 19
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	
38,5	1.515	-	-	G1"1/8"				RD 38.5SS	P- RD38.5SS	M- RD38.5SS	
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	-	-	G1"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	
48,5	1.909	-	-	G1"1/2"				RD 48.5SS	P- RD48.5SS	M- RD48.5SS	
50,5	1.988	-	ISO- 50	-				RD 50.5SS	P- RD50.5SS	M- RD50.5SS	
51,4	2.023	-	-	-				RD 51.4SS	P- RD51.4SS	M- RD51.4SS	
52,4	2.063	-	-	-				RD 52.4SS	P- RD52.4SS	M- RD52.4SS	
54,2	2.134	Pg42	-	G1"3/4"				RD 54.2SS	P- RD54.2SS	M- RD54.2SS	
60,0	2.362	Pg48	-	G2"				RD 60SS	P-RD60SS	M-RD60SS	
60,5	2.381	-	-	-				RD 60.5SS	P- RD60.5SS	M- RD60.5SS	
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	-	-	G2"1/2"		3		RD 76SS	P-RD76SS	M-RD76SS	
76,5	3.011	-	-	-		3,5		RD 76.5SS	P-RD76.5SS	M-RD76.5SS	
80,5	3.169	-	-	-		3		RD 80.5SS	P-RD80.5SS	M-RD80.5SS	
89,0	3.503	-	-	G3"		3,5		RD 89SS	P-RD89SS	M-RD89SS	
90,0	3.543	-	-	-		2		3	RD 90SS	P-RD90SS	
100,0	3.937	-	-	-	2	3	29,0	RD 100SS	P-RD100SS	M-RD100SS	TD-28.5*
102,0	4.015	-	-	-	2	3		RD 102SS	P-RD102SS	M-RD102SS	
114,0	4.488	-	-	-	2	2,5		RD 114SS	P-RD114SS	M-RD114SS	
120,0	4.724	-	-	-	1,5	2		RD 120SS	P-RD120SS	M-RD120SS	
140,0	5.512	-	-	-	1,5	2		RD 140SS	P-RD140SS	M-RD140SS	

* Puller included in the kit

Square punch					
Hole size		Material max thickness (mm)		Pilot hole Ø	Code
Nominal		Stainless Steel	Mild Steel		
(mm)	(inch)				
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD 21X21
46,0 x 46,0	1.811 x 1.811	2,0	3,0	22,5	RD 46X46
68,0 x 68,0	2.677 x 2.677				RD 68X68
92,0 x 92,0	3.622 x 3.622	1,5	2,0		RD 92X92

126,0 x 126,0	4.960 x 4.960			28,5	RD 126X126
138,0 x 138,0	5.433 x 5.433	1,0	1,5		RD 138X138
220,0 x 220,0	8.661 x 8.661				RD 220X220

Rectangular punch						
Hole size		Material max thickness (mm)		Pilot hole Ø	Code	
Nominal		Stainless Steel	Mild Steel		(mm)	KIT (Punch+die + Puller)
(mm)	(inch)					
18,0 x 46,0	.709 x 1.811	2,0	2,0	16,5	RD 18X46	
22,0 x 30,0	.866 x 1.181				RD 22X30	
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				RD 36X46	
37,0 x 54,0	1.456 x 2.125	2,0		2,0	16,5	RD 37X54
37,0 x 67,0	1.456 x 2.637					RD 37X67
37,0 x 88,0	1.456 x 3.464					RD 37X88
37,0 x 104,0	1.456 x 4.094				26,5	RD 37X104
37,0 x 115,0	1.456 x 4.527					RD 37X115

		1,5		22,5	
46,0 x 54,0	1.811 x 2.126				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
50,0 x 98,0	1.968 x 3.858			RD 50X98	
67,0 x 126,0	2.637 x 4.960			28,5	RD 67X126

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

USE OF NON-Cembre PUNCHING ACCESSORIES

Code	Punch & Die	Pilot hole Ø mm
KIT TRD- 9,4C (*)	KLAUKE, GREENLEE 3/8" - 24 UNF	Ø 9.7
KIT TRD- M11C (*)	IMB, BM, COSMEC (M11x1.5)	Ø 11.5
TD-M16C	IMB, BM, COSMEC (M16x1.5)	Ø 16.5 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	140 mm
Battery material	Li-Ion
Battery voltage	18 V
Battery current	4 Ah
Length	363 mm
Height	366 mm
Width	83 mm
Weight	5.1 kg



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Products used together

Nest		
Dies RD		
RD100SS	RD120SS	RD126X126
RD138X138	RD140SS	RD15.5SS
RD16.2SS	RD17.5SS	RD18.8SS
RD18X46	RD19.1SS	RD20.5SS
RD21X21	RD22.6SS	RD220X220
RD22X30	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	RD50X98
RD51.4SS	RD52.4SS	RD54.2SS
RD60SS	RD64SS	RD65SS
RD68X68	RD72X136	RD76SS
RD80.5SS	RD89SS	RD90SS
RD92X92		

In the same kit

Accessories

Shoulder strap 6000354

USB cable 6006309

Nest

Puller TD-11

Puller TD-19

Tools

KIT 18.0 V Cordless hydraulic
PULLER-TYPE hole punching tool B-
FL750-1

Li-Ion high power battery CB1820L

Li-Ion high power battery CB1840L

Battery charger ASC30-36 - ASC30-36 EU 27044000

Storage

- Plastic case VAL P40

Drill Bits

- Spiral bit Ø 11,5 mm YG1