

KIT-B-FL750-1

KIT for hole punching

general features



TECHNICAL FEATURES

Max Punching Ø mm	140
Dimensions mm	
Length	363
Height	366
Width	83
Battery	18.0V 5.2Ah
Weight kg (with Battery)	5,1

STORAGE

Type	VAL-P56
Dimensions mm L x W x H	690 x 446 x 179
Weight kg	5,5
Supplied with the tool	✓
Purchase separately	-



KIT-B-FL750-1

Kit includes:

B-FL750 cordless hydraulic puller-type hole punching tool

VAL-P56 plastic carrying case with accessories

Puller TD-11

Puller TD-19

spiral bit Ø 11,5 mm

4 KIT for round punch:

KIT-RD18.8SS	Pg11
KIT-RD20.5SS	Pg13.5
KIT-RD22.6SS	Pg16
KIT-RD28.5SS	Pg21

The tool is supplied as:

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

Punching accessories available

for B-FL750ND, B-FL750 and KIT-B-FL750-1

Round punch

Hole diameter					Material max thickness (mm)		Pilot hole Ø (mm)	Type	
Nominal Ø (mm)	Ø (inch)	Pg	ISO	GAS	Stainless Steel	Mild Steel		KIT (Punch + Die)	Puller
15,5	.610	Pg9	-	-	2,5 mm (0.1 in.) Rm= 700 N/mm ²	3,5 mm (0.14 in.) Rm= 510 N/mm ²	11,5	RD15.5SS	TD-11
16,2	.638	-	ISO-16	-				RD16.2SS	
17,0	.669	-	-	G3/8"				RD17.5SS	
17,5	.689	-	-	-				RD17.5SS	
18,8	.740	Pg11	-	-				RD18.8SS	
19,1	.752	-	-	-				RD19.1SS	
20,5	.807	Pg 13,5	ISO-20	-				RD20.5SS	
21,5	.846	-	-	G1/2"				RD21.5SS	
22,6	.890	Pg16	-	-				RD22.6SS	
23,8	.937	-	-	G5/8"				RD23.8SS	
25,4	1.000	-	ISO-25	-				RD25.4SS	
27,0	1.063	-	-	G3/4"				RD27.5SS	
28,5	1.122	Pg21	-	-				RD28.5SS	
30,5	1.201	-	-	G7/8"				RD30.5SS	
28,5	1.122	Pg 21	-	-			20,0	RD28.5SS-19	TD-19
30,5	1.201	-	-	G7/8"				RD30.5SS-19	
31,8	1.252	-	-	-				RD31.8SS	
32,5	1.279	-	ISO-32	-				RD32.5SS	
34,0	1.338	-	-	G1"				RD34.5SS	
34,6	1.362	-	-	-				RD34.6SS	
37,2	1.464	Pg29	-	-				RD37.2SS	
38,1	1.500	-	-	-				RD38.1SS	
38,5	1.515	-	-	G1 1/8"				RD38.5SS	
40,5	1.594	-	ISO-40	-				RD40.5SS	
41,3	1.626	-	-	-				RD41.3SS	
42,5	1.673	-	-	G1 1/4"				RD42.5SS	
43,2	1.701	-	-	-				RD43.2SS	
44,5	1.752	-	-	-				RD44.5SS	
47,2	1.858	Pg36	-	-				RD47.2SS	
48,5	1.909	-	-	G1 1/2"				RD48.5SS	
50,5	1.988	-	ISO-50	-				RD50.5SS	
51,4	2.023	-	-	-				RD51.4SS	
52,4	2.063	-	-	-				RD52.4SS	
54,2	2.134	Pg42	-	G1 3/4"			29,0	RD54.2SS	TD-28.5*
60,0	2.362	Pg48	-	G2"				RD60.5SS	
60,5	2.381	-	-	-				RD60.5SS	
64,0	2.520	-	ISO-63	-				RD64.5SS	
65,0	2.559	-	-	-				RD65.5SS	
76,0	2.992	-	-	G2 1/2"		3		RD76.5SS	
76,5	3.011	-	-	-		3,5		RD76.5SS	
80,5	3.169	-	-	-		3		RD80.5SS	
89,0	3.503	-	-	G3"		3,5		RD89.5SS	
90,0	3.543	-	-	-	2	3		RD90.5SS	
100,0	3.937	-	-	-	2	3	29,0	RD100.5SS	
102,0	4.015	-	-	-	2	3		RD102.5SS	
114,0	4.488	-	-	-	2	2,5		RD114.5SS	
120,0	4.724	-	-	-	1,5	2		RD120.5SS	
140,0	5.512	-	-	-	1,5	2		RD140.5SS	

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

* Puller included in the kit

Square punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø	Type
Nominal		Stainless Steel	Mild Steel		KIT (Punch+die + Puller)
(mm)	(inch)			(mm)	
21,0 x 21,0	.827 x .827	2,5	3,5	12,0	RD21X21
46,0 x 46,0	1.811 x 1.811	1,5	2,0	26,5	RD46X46
68,0 x 68,0	2.677 x 2.677			28,5	RD68X68
92,0 x 92,0	3.622 x 3.622				RD92X92
126,0 x 126,0	4.960 x 4.960				RD126X126
138,0 x 138,0	5.433 x 5.433	RD138X138			
220,0 x 220,0	8.661 x 8.661	1,5	RD220X220		
224,0 x 224,0	8.818 x 8.818		RD224X224		

Rectangular punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø	Type	
Nominal		Stainless Steel	Mild Steel		KIT (Punch+die + Puller)	
(mm)	(inch)			(mm)		
18,0 x 46,0	.709 x 1.811	2,0		16,5	RD18X46	
22,0 x 30,0	.866 x 1.181				RD22X30	
22,0 x 46,0	.866 x 1.811				RD22X46	
29,0 x 71,0	1.141 x 2.795				RD29X71	
35,0 x 65,0	1.377 x 2.559				RD35X65	
35,0 x 86,0	1.377 x 3.385			RD35X86		
35,0 x 112,0	1.377 x 4.409			RD35X112		
36,0 x 46,0	1.417 x 1.811			RD36X46		
37,0 x 54,0	1.456 x 2.125			RD37X54		
37,0 x 67,0	1.456 x 2.637			RD37X67		
37,0 x 88,0	1.456 x 3.464	2,0		26,5	RD37X88	
37,0 x 104,0	1.456 x 4.094				RD37X104	
37,0 x 115,0	1.456 x 4.527				RD37X115	
46,0 x 54,0	1.811 x 2.126				RD46X54	
46,0 x 72,0	1.811 x 2.835				RD46X72	
46,0 x 92,0	1.811 x 3.622			RD46X92		
46,0 x 107,0	1.811 x 4.212			RD46X107		
50,0 x 98,0	1.968 x 3.858			RD50X98		
67,0 x 126,0	2.637 x 4.960			28,5		RD67X126
72,0 x 136,0	2.834 x 5.354					RD72X136

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

"D" punch

Hole dimensions		Material max thickness (mm)		Pilot hole Ø (mm)	Type
Nominal (mm)	(inch)	Stainless Steel	Mild Steel		
(a)38,3 x (b)36,6	(a)1.507 x (b)1.442	2,5	3,5	18,5	RD 18D
(a)43,1 x (b)41,5	(a)1.696 x (b)1.632				RD 24D

Stainless Steel = Rm= 700 N/mm² - Mild Steel = Rm= 510 N/mm²

Use of non-Cembre punching accessories

Type	Punch & Die	Pilot hole Ø mm
TRD-9.4C (*)	GREENLEE 3/8" - 24 UNF	Ø 10.0
TRD-M11C (*)	BM, COSMEC (M11x1.5)	Ø 11.5
TD-M16C	BM, COSMEC (M16x1.5)	Ø 16.5
TD-27	BM, COSMEC (Ø105÷Ø140)	Ø 27.5
TD-14X14-M14	BM, COSMEC 46x46	Ø 18.8
TD-120X20-M20	BM, COSMEC 92x92	Ø 27.5
TD-20X20-M20 (with plug)	BM, COSMEC 42x95	Ø 27.5
TGD-13.5X13.5-M13	BM, COSMEC 40x40; 45x45; 46x46 (M13)	Ø 18.8
TGD-10X10-M9	BM, COSMEC 006505	Ø 13.8
TD-9	IMB 9601	Ø 9.5
TD-16	IMB 9603	Ø 16.5
TD-10X10-M10 (with plug)	IMB 9623	Ø 14.5
TD-14X14-M14/1"	IMB 9625	Ø 19.5
TD-20 (without plug)	IMB 9626	Ø 27.5
TD-20X20-M20-C (with plug)	IMB 9626	Ø 27.5

(*) 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